

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY050420\
 Data File : VY002530.D
 Acq On : 04 May 2020 11:13
 Operator : SY/MD
 Sample : VY0504SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0504SBS01

Manual Integrations
 APPROVED

MMDadoda
 5/5/2020 11:28:59 AM

Quant Time: May 04 14:43:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
 Quant Title : SW846 8260
 QLast Update : Mon May 04 12:22:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	380637	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.69	114	565493	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.49	117	507517	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	267433	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	159310	49.78	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	99.56%	
35) Dibromofluoromethane	7.72	113	163300	50.49	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	100.98%	
50) Toluene-d8	10.18	98	627297	49.67	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	99.34%	
62) 4-Bromofluorobenzene	12.49	95	213612	49.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	49147	16.853	ug/l	100
3) Chloromethane	2.12	50	58294	18.903	ug/l	98
4) Vinyl Chloride	2.25	62	64947	18.239	ug/l	95
5) Bromomethane	2.63	94	43207	17.595	ug/l	99
6) Chloroethane	2.79	64	37917	17.833	ug/l	97
7) Trichlorofluoromethane	3.12	101	102808	18.628	ug/l	99
8) Diethyl Ether	3.54	74	35795	19.301	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.90	101	64140	19.016	ug/l	100
10) Methyl Iodide	4.10	142	78130	17.002	ug/l	100
11) Tert butyl alcohol	4.96	59	34817	105.739	ug/l	98
12) 1,1-Dichloroethene	3.88	96	60465	18.453	ug/l	97
13) Acrolein	3.74	56	19900	87.398	ug/l	96
14) Allyl chloride	4.49	41	91406	19.146	ug/l	99
15) Acrylonitrile	5.17	53	89312	102.117	ug/l	99
16) Acetone	3.95	43	71630	108.447	ug/l	95
17) Carbon Disulfide	4.19	76	172757	17.525	ug/l	99
18) Methyl Acetate	4.48	43	44214	20.034	ug/l	99
19) Methyl tert-butyl Ether	5.22	73	167557	19.600	ug/l	97
20) Methylene Chloride	4.72	84	77346	20.940	ug/l	97
21) trans-1,2-Dichloroethene	5.22	96	67136	18.746	ug/l	96
22) Diisopropyl ether	6.12	45	192422	19.919	ug/l	97
23) Vinyl Acetate	6.07	43	603488	99.337	ug/l	100
24) 1,1-Dichloroethane	6.02	63	109649	19.187	ug/l	99
25) 2-Butanone	7.00	43	110304	102.019	ug/l	100
26) 2,2-Dichloropropane	6.99	77	104861	19.304	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	76201	19.229	ug/l	98
28) Bromochloromethane	7.34	49	45792	19.557	ug/l	100
29) Tetrahydrofuran	7.35	42	73359	102.550	ug/l	99
30) Chloroform	7.51	83	114780	19.316	ug/l	97
31) Cyclohexane	7.79	56	104590	18.182	ug/l	93
32) 1,1,1-Trichloroethane	7.71	97	105823	19.160	ug/l	99
36) 1,1-Dichloropropene	7.92	75	88243	18.614	ug/l	99
37) Ethyl Acetate	7.08	43	50212	20.612	ug/l	100
38) Carbon Tetrachloride	7.90	117	97984	18.932	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	114293	18.254	ug/l	100
40) Benzene	8.16	78	260063	18.994	ug/l	100
41) Methacrylonitrile	7.33	41	31293m	23.891	ug/l	
42) 1,2-Dichloroethane	8.24	62	74286	19.343	ug/l	100
43) Isopropyl Acetate	8.28	43	92001	20.145	ug/l	98
44) Trichloroethene	8.94	130	82615	19.308	ug/l	97
45) 1,2-Dichloropropane	9.22	63	63598	19.246	ug/l	97
46) Dibromomethane	9.31	93	37980	19.976	ug/l	98
47) Bromodichloromethane	9.50	83	88730	19.193	ug/l	98
48) Methyl methacrylate	9.30	41	40674	19.679	ug/l	97
49) 1,4-Dioxane	9.30	88	11190	444.521	ug/l	94
51) 4-Methyl-2-Pentanone	10.07	43	244695	103.950	ug/l	100
52) Toluene	10.24	92	167895	19.080	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	95642	19.746	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	109836	19.615	ug/l	97
55) 1,1,2-Trichloroethane	10.64	97	54339	19.599	ug/l	97
56) Ethyl methacrylate	10.51	69	74274	20.137	ug/l	98
57) 1,3-Dichloropropane	10.79	76	93178	19.817	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	204258	105.013	ug/l	100
59) 2-Hexanone	10.83	43	169990	104.921	ug/l	99
60) Dibromochloromethane	10.99	129	70337	19.946	ug/l	99
61) 1,2-Dibromoethane	11.09	107	53371	19.441	ug/l	99
64) Tetrachloroethene	10.72	164	90522	20.075	ug/l	99
65) Chlorobenzene	11.52	112	185622	19.240	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	70995	19.824	ug/l	99
67) Ethyl Benzene	11.60	91	328463	19.382	ug/l	99
68) m/p-Xylenes	11.71	106	253583	38.672	ug/l	100
69) o-Xylene	12.03	106	119484	19.461	ug/l	99
70) Styrene	12.05	104	206811	19.704	ug/l	99
71) Bromoform	12.21	173	46802	21.055	ug/l #	100
73) Isopropylbenzene	12.33	105	330222	19.052	ug/l	100
74) N-amyl acetate	12.14	43	85143	20.421	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	53337	19.350	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	47820m	20.121	ug/l	
77) Bromobenzene	12.61	156	83242	19.223	ug/l	99
78) n-propylbenzene	12.67	91	385104	19.146	ug/l	100
79) 2-Chlorotoluene	12.76	91	211160	18.952	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	276546	19.249	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	23988	20.239	ug/l	95
82) 4-Chlorotoluene	12.86	91	223179	19.070	ug/l	99
83) tert-Butylbenzene	13.08	119	240228	19.070	ug/l	100
84) 1,2,4-Trimethylbenzene	13.13	105	278397	19.443	ug/l	98
85) sec-Butylbenzene	13.25	105	337030	19.280	ug/l	100
86) p-Isopropyltoluene	13.37	119	315581	19.267	ug/l	100
87) 1,3-Dichlorobenzene	13.37	146	159154	19.419	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	157807	19.445	ug/l	99
89) n-Butylbenzene	13.70	91	289610	19.423	ug/l	99
90) Hexachloroethane	13.97	117	56996	19.108	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	144494	19.758	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	10316	20.077	ug/l	100

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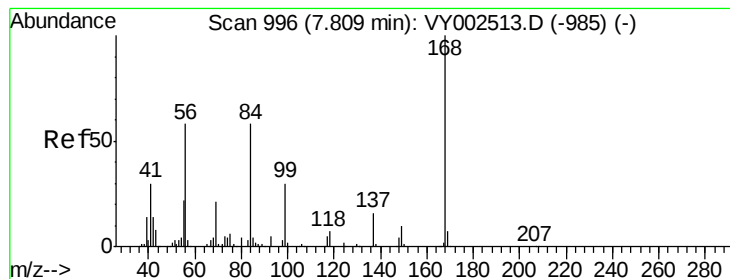
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	105438	19.859	ug/l	99
94) Hexachlorobutadiene	15.12	225	63676	19.980	ug/l	99
95) Naphthalene	15.24	128	195765	20.212	ug/l	100
96) 1,2,3-Trichlorobenzene	15.43	180	91223	20.239	ug/l	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY002530.D

Acq: 04 May 2020 11:13

Instrument :

MSVOA_Y

ClientSampleId :

VY0504SBS01

Tot Ion:168 Resp: 380637

Ion Ratio Lower Upper

168 100

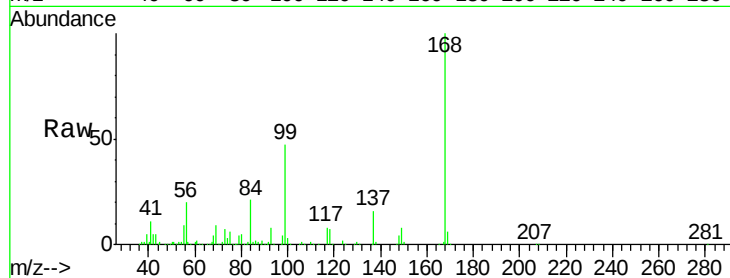
99 47.0 39.2 58.8

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VY002513.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY002513.D (-985) (-)

200000

150000

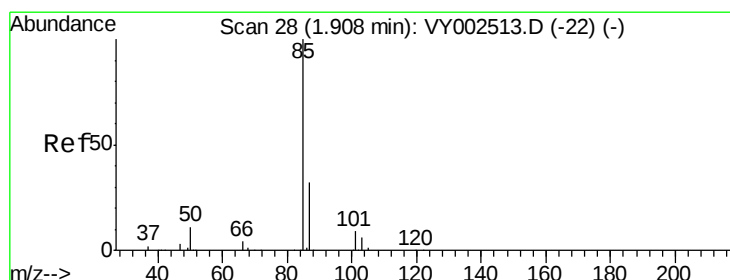
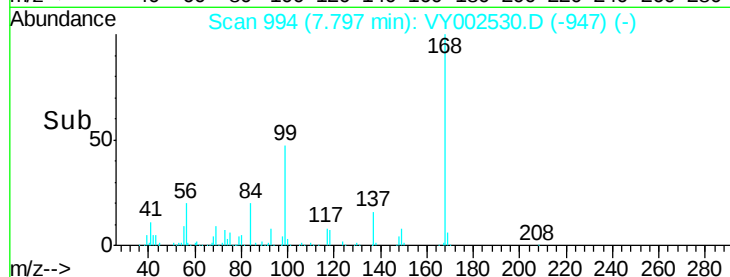
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50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 16.853 ug/l

RT: 1.90 min Scan# 27

Delta R.T. -0.01 min

Lab File: VY002530.D

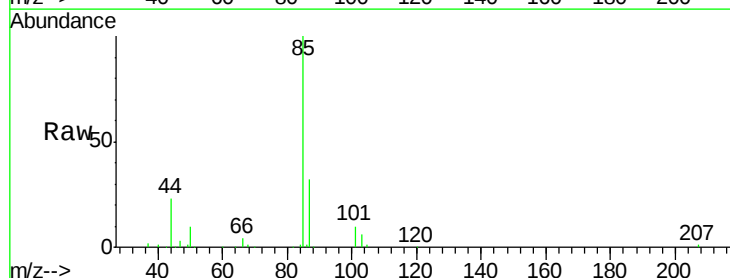
Acq: 04 May 2020 11:13

Tgt Ion: 85 Resp: 49147

Ion Ratio Lower Upper

85 100

87 31.8 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VY002513.D (-22) (-)

Ion 86.90 (86.60 to 87.60): VY002513.D (-22) (-)

40000

30000

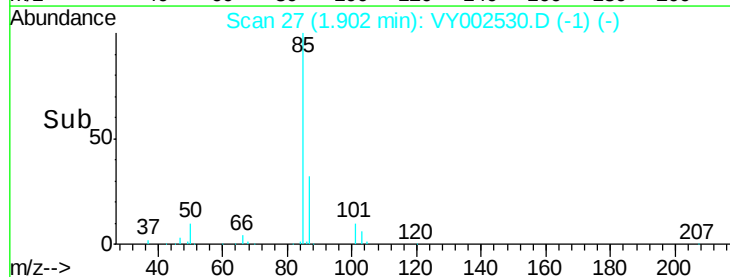
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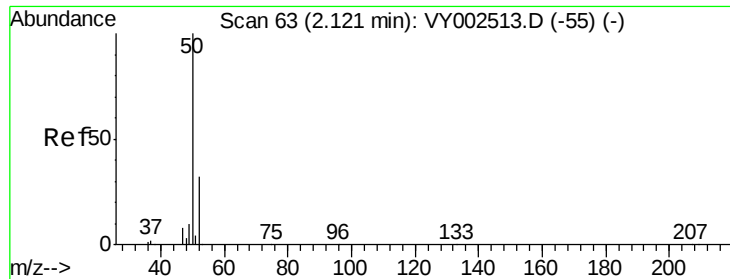
10000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 18.903 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.01 min

Lab File: VY002530.D

Acq: 04 May 2020 11:13

Instrument :

MSVOA_Y

ClientSampleId :

VY0504SBS01

Tot Ion: 50 Resp: 58294

Ion Ratio Lower Upper

50 100

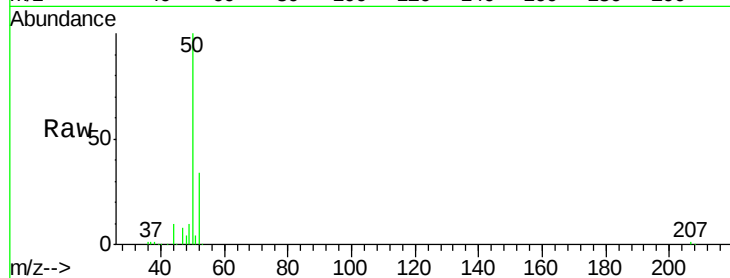
52 33.5 25.9 38.9

Manual Integrations

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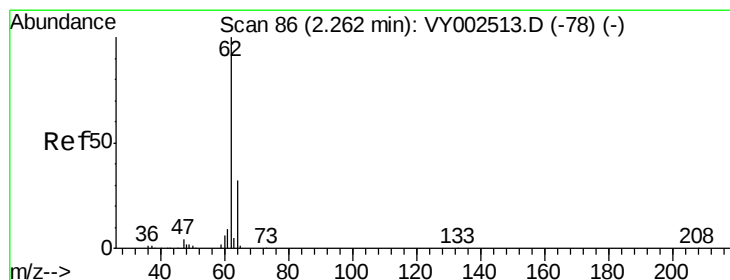
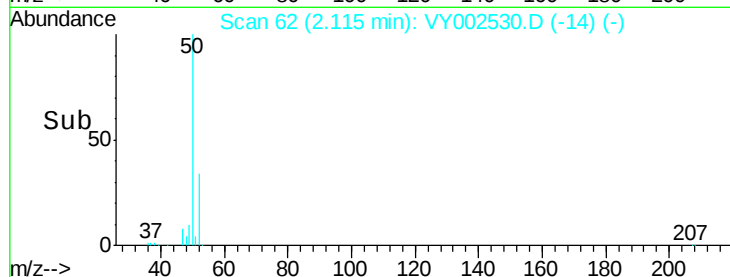
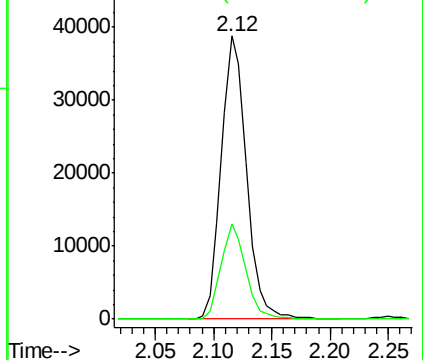
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Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 18.239 ug/l

RT: 2.25 min Scan# 84

Delta R.T. -0.01 min

Lab File: VY002530.D

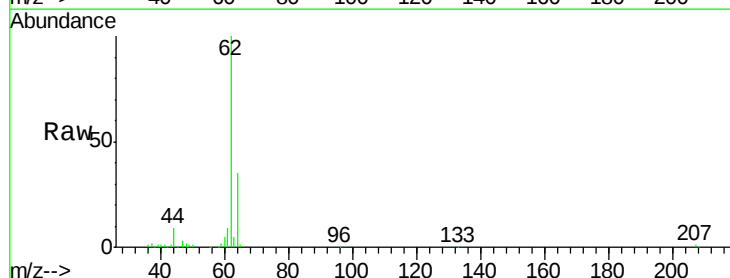
Acq: 04 May 2020 11:13

Tgt Ion: 62 Resp: 64947

Ion Ratio Lower Upper

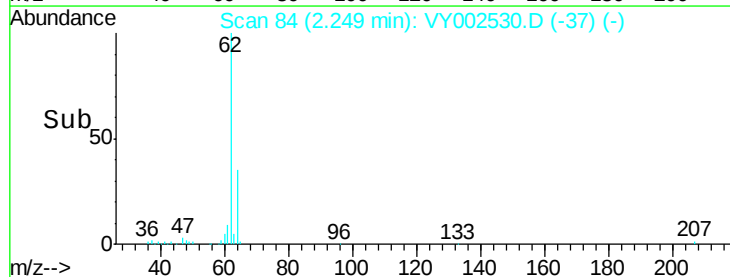
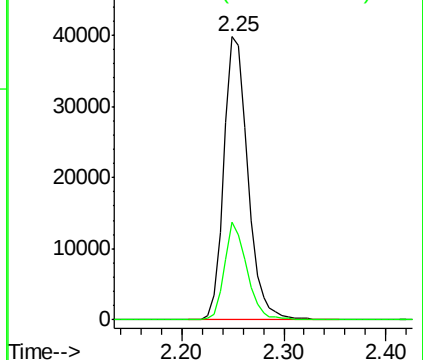
62 100

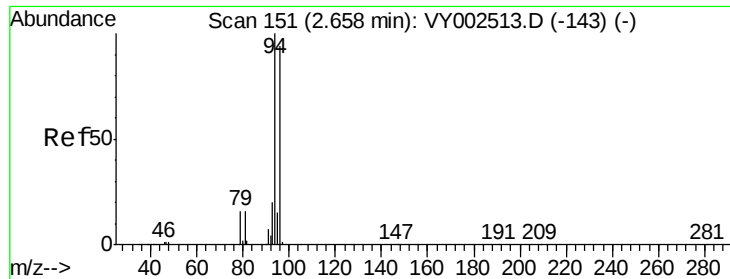
64 34.5 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 17.595 ug/l

RT: 2.63 min Scan# 147

Delta R.T. -0.02 min

Lab File: VY002530.D

Acq: 04 May 2020 11:13

Instrument :

MSVOA_Y

ClientSampleId :

VY0504SBS01

Tot Ion: 94 Resp: 43207

Ion Ratio Lower Upper

94 100

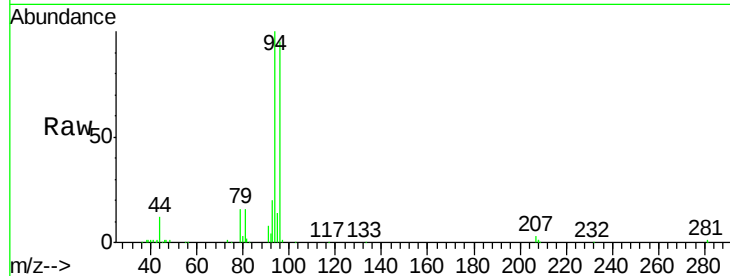
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Manual Integrations

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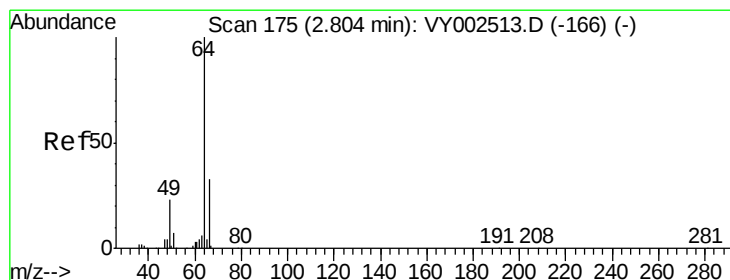
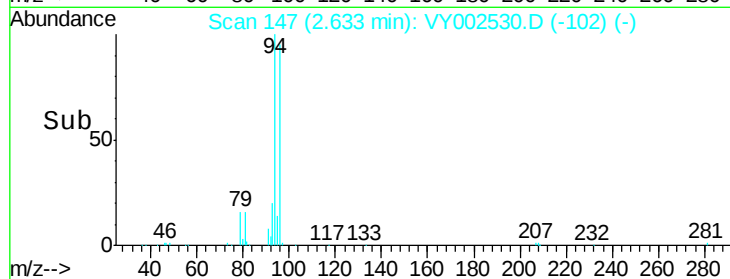
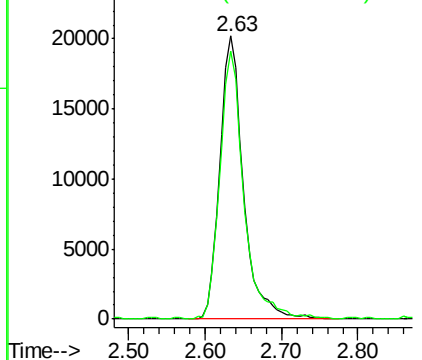
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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 17.833 ug/l

RT: 2.79 min Scan# 172

Delta R.T. -0.02 min

Lab File: VY002530.D

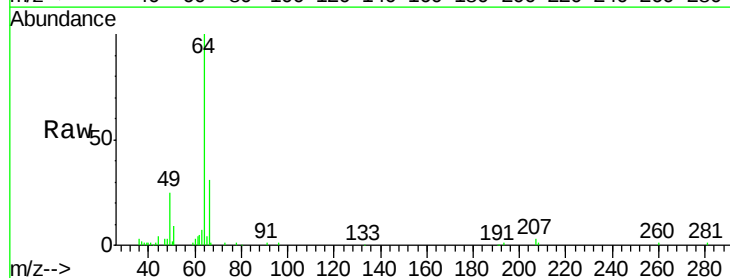
Acq: 04 May 2020 11:13

Tgt Ion: 64 Resp: 37917

Ion Ratio Lower Upper

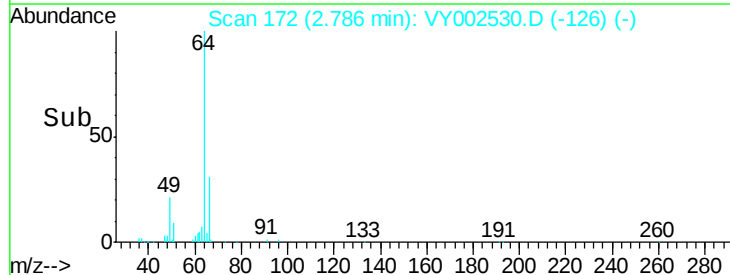
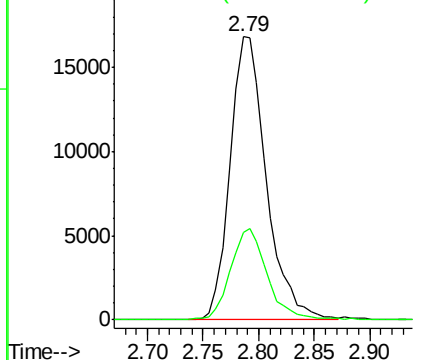
64 100

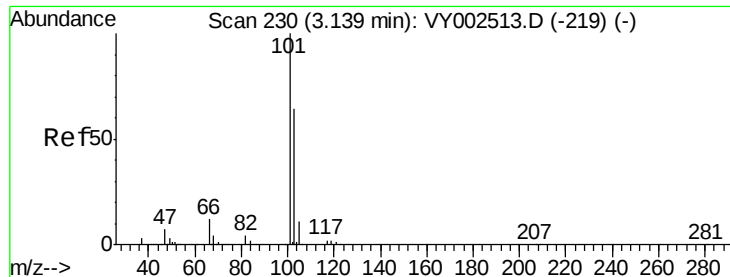
66 31.1 26.3 39.5



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

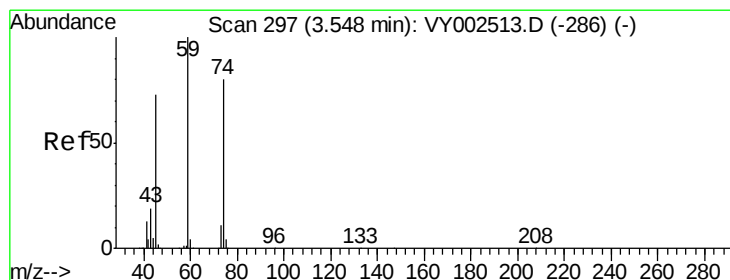
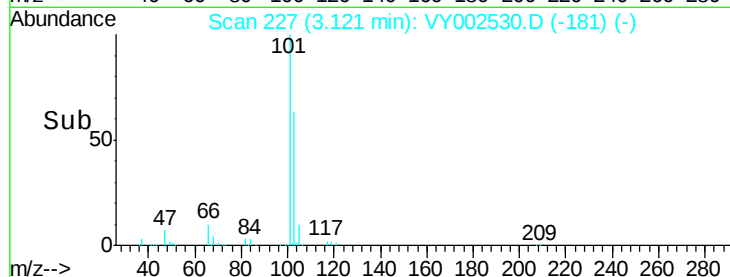
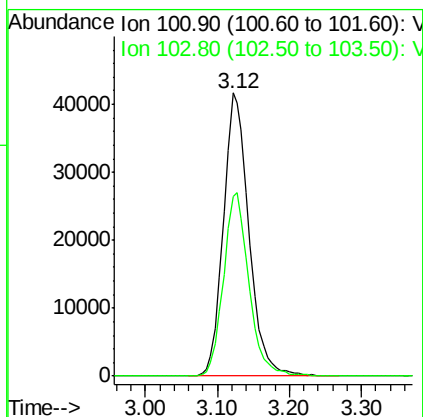
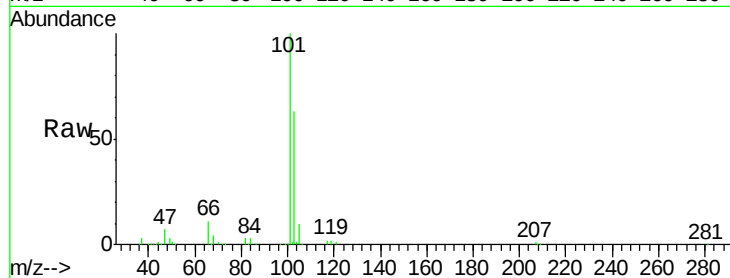
Trichlorofluoromethane
Concen: 18.628 ug/l
RT: 3.12 min Scan# 227
Delta R.T. -0.02 min
Lab File: VY002530.D
Acq: 04 May 2020 11:13

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VY0504SBS01

Tot Ion	Ratio	Resp	Lower	Upper
101	100	102808		
103	63.5	51.4	77.0	

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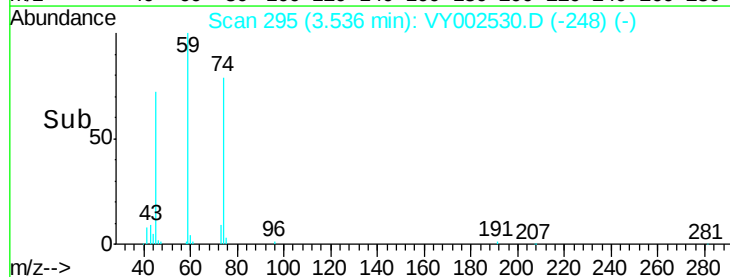
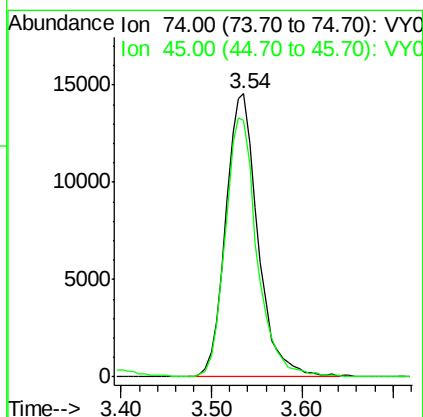
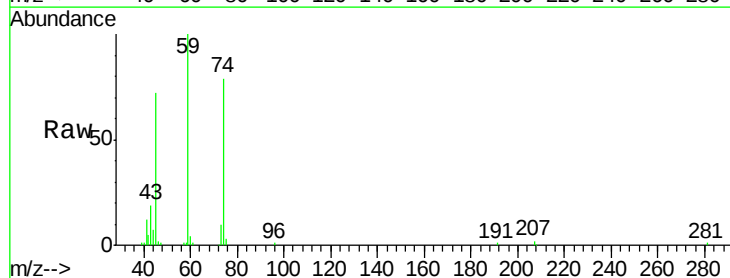
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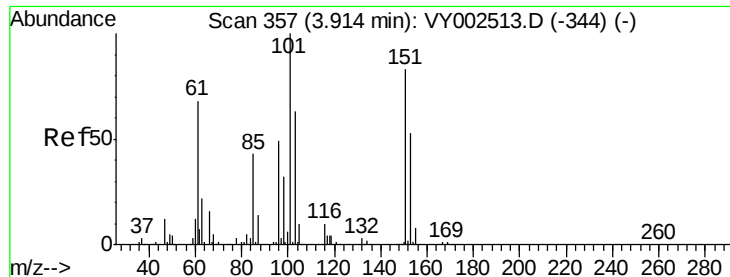


#8

Diethyl Ether
Concen: 19.301 ug/l
RT: 3.54 min Scan# 295
Delta R.T. -0.01 min
Lab File: VY002530.D
Acq: 04 May 2020 11:13

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	35795		
45	90.9	46.2	138.5	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.016 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.01 min

Lab File: VY002530.D

Acq: 04 May 2020 11:13

Instrument :

MSVOA_Y

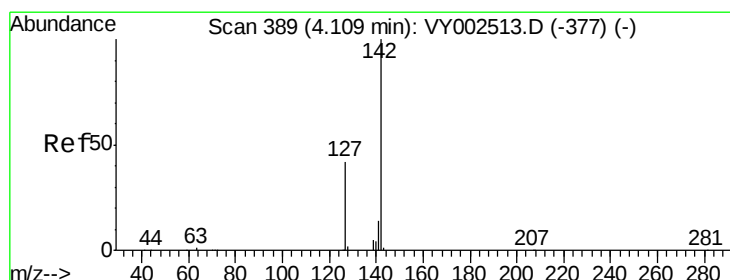
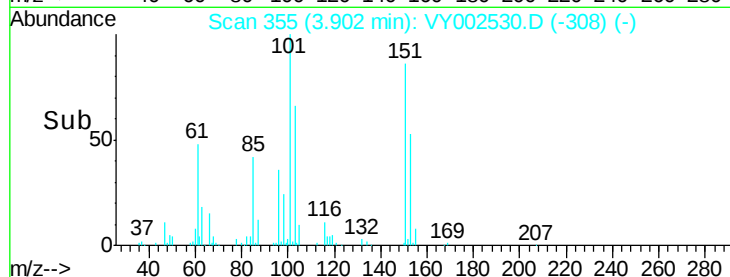
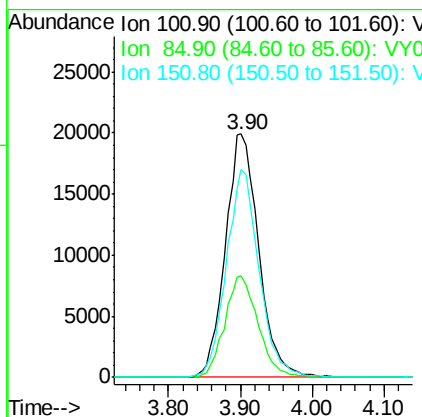
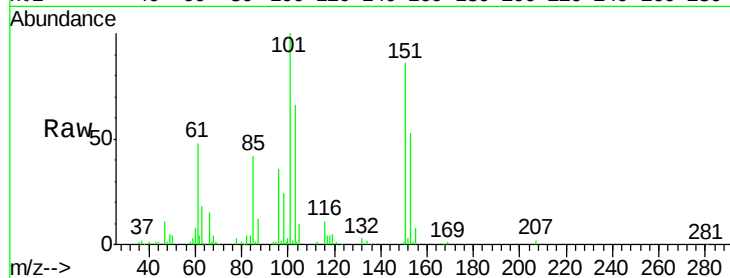
ClientSampleId :

VY0504SBS01

Tot Ion:	101	Resp:	64140
Ion Ratio	Lower	Upper	
101	100		
85	41.7	33.4	50.2
151	84.0	66.8	100.2

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#10

Methyl Iodide

Concen: 17.002 ug/l

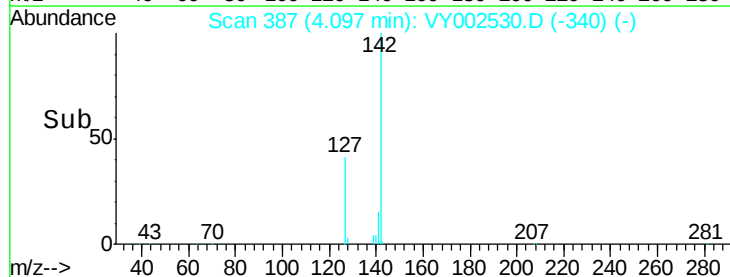
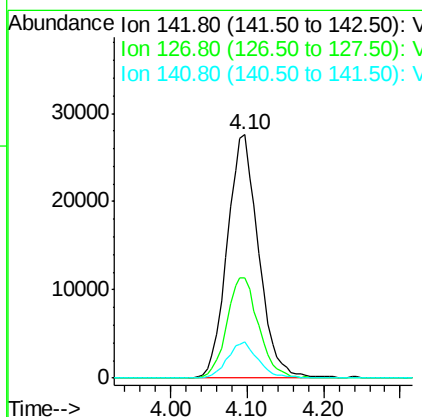
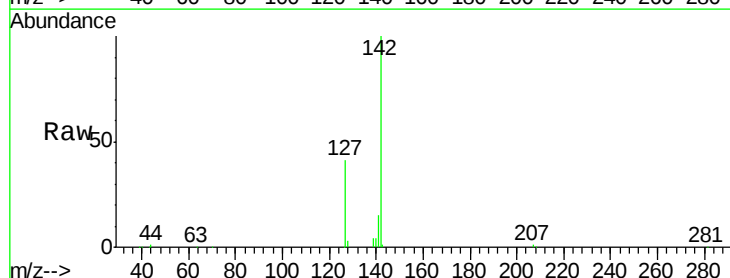
RT: 4.10 min Scan# 387

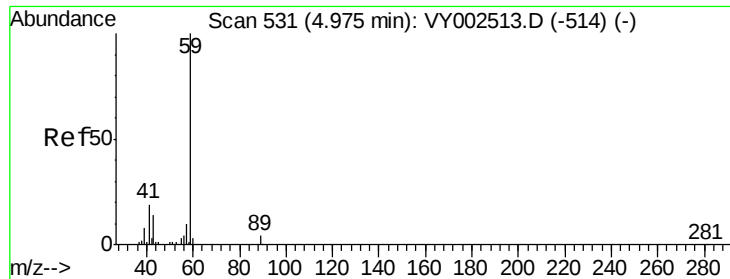
Delta R.T. -0.01 min

Lab File: VY002530.D

Acq: 04 May 2020 11:13

Tgt Ion:	142	Resp:	78130
Ion Ratio	Lower	Upper	
142	100		
127	41.9	33.7	50.5
141	14.4	11.4	17.0





#11

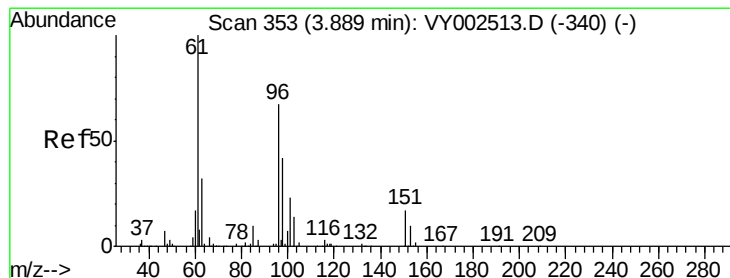
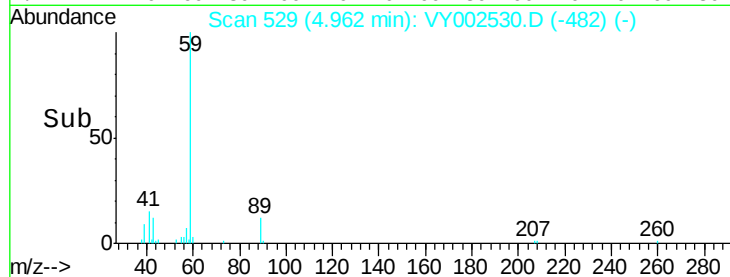
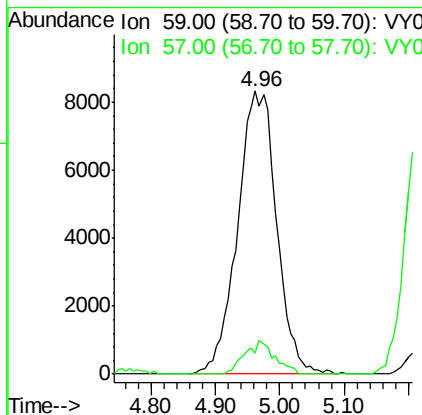
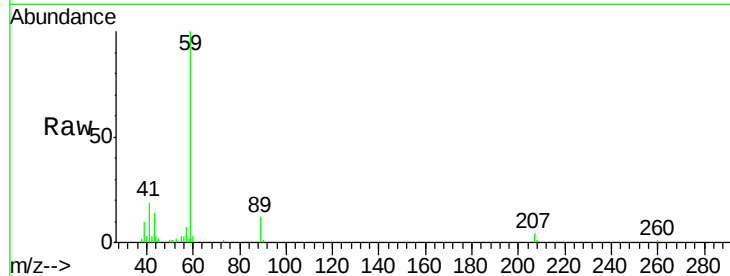
Tert butyl alcohol
 Concen: 105.739 ug/l
 RT: 4.96 min Scan# 529
 Delta R.T. -0.01 min
 Lab File: VY002530.D
 Acq: 04 May 2020 11:13

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0504SBS01

Tot Ion	59	Resp	34817
Ion Ratio	100	Lower	Upper
57	8.9	7.8	11.6

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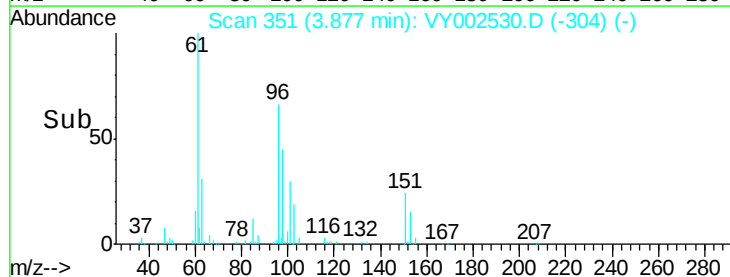
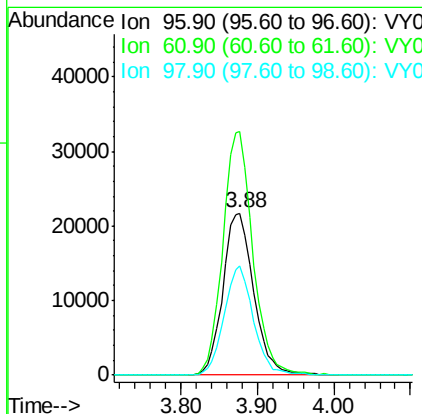
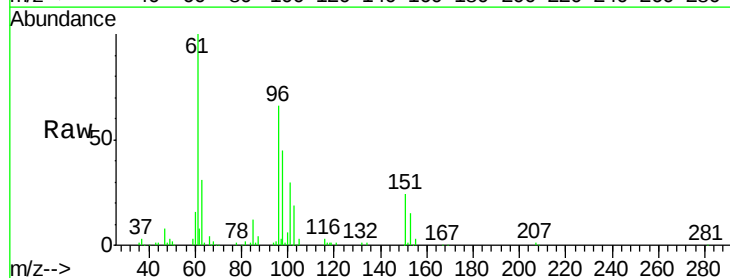
MMDadoda
 5/5/2020 11:28:59 AM

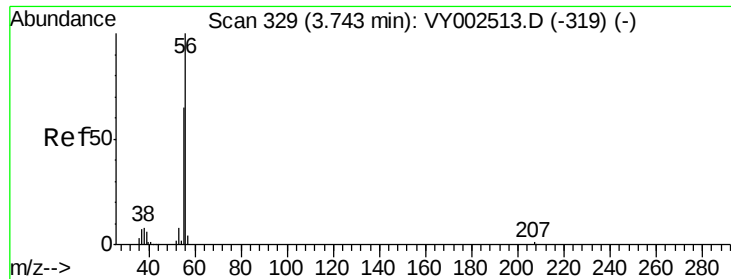


#12

1,1-Dichloroethene
 Concen: 18.453 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. -0.01 min
 Lab File: VY002530.D
 Acq: 04 May 2020 11:13

Tgt Ion	96	Resp	60465
Ion Ratio	100	Lower	Upper
61	150.5	118.8	178.2
98	67.9	49.6	74.4





#13

Acrolein

Concen: 87.398 ug/l

RT: 3.74 min Scan# 328

Delta R.T. -0.01 min

Lab File: VY002530.D

Acq: 04 May 2020 11:13

Instrument :

MSVOA_Y

ClientSampleId :

VY0504SBS01

Tot Ion: 56 Resp: 19900

Ion Ratio Lower Upper

56 100

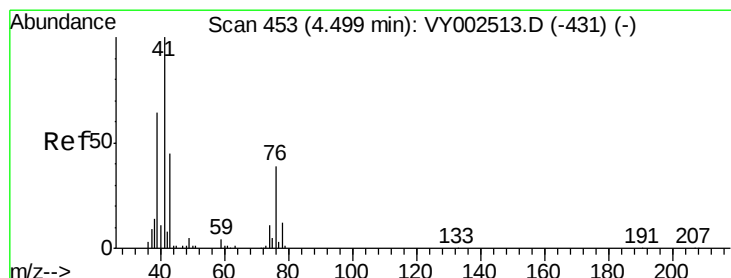
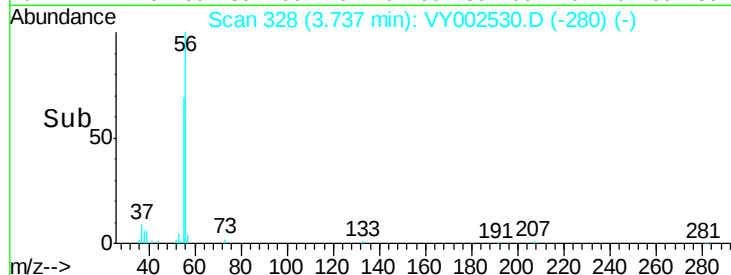
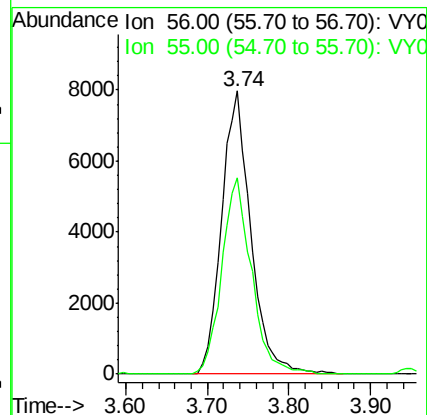
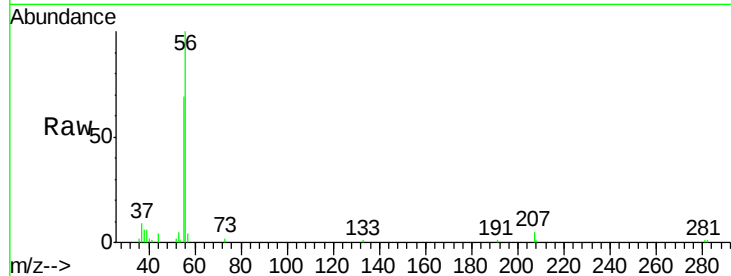
55 70.4 53.8 80.6

Manual Integrations

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#14

Allyl chloride

Concen: 19.146 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.01 min

Lab File: VY002530.D

Acq: 04 May 2020 11:13

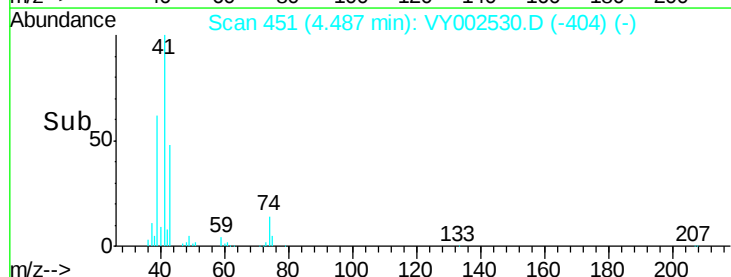
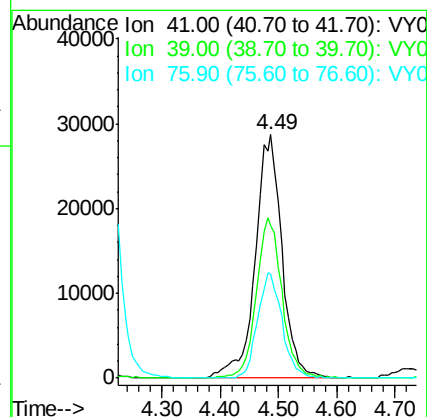
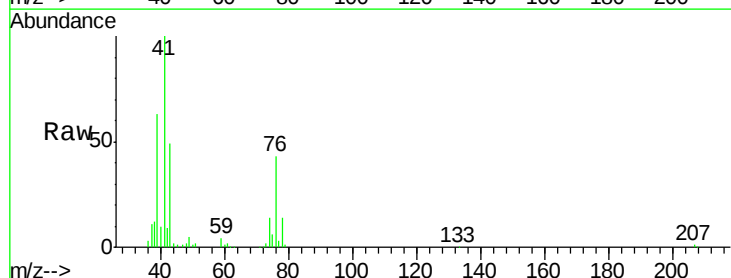
Tgt Ion: 41 Resp: 91406

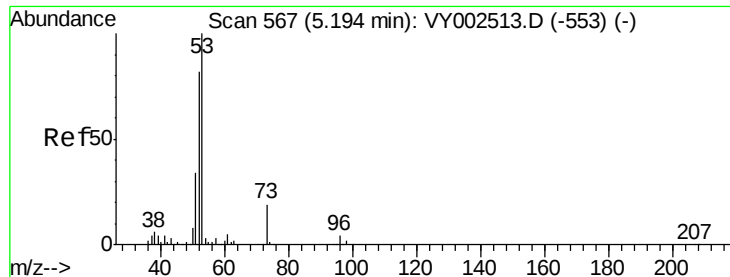
Ion Ratio Lower Upper

41 100

39 63.5 51.8 77.6

76 39.6 31.7 47.5





#15

Acrylonitrile

Concen: 102.117 ug/l

RT: 5.17 min Scan# 563

Delta R.T. -0.02 min

Lab File: VY002530.D

Acq: 04 May 2020 11:13

Instrument :

MSVOA_Y

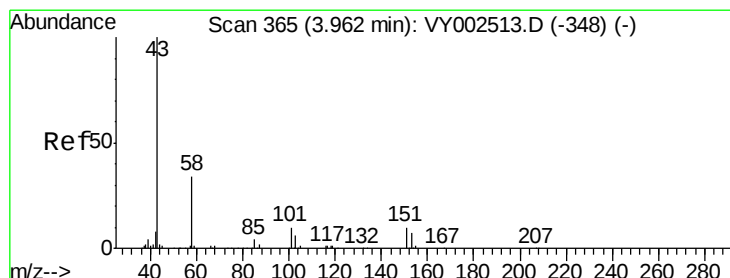
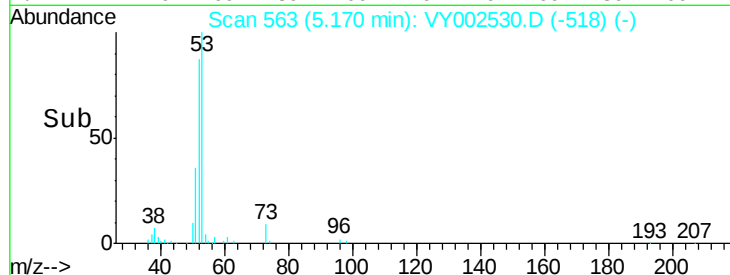
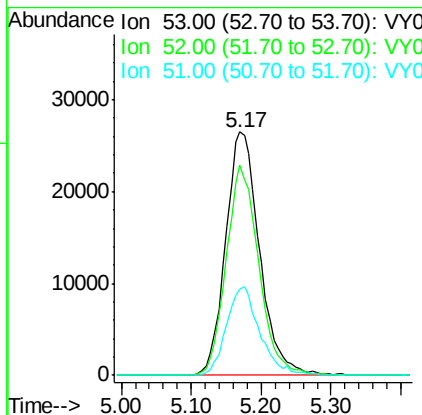
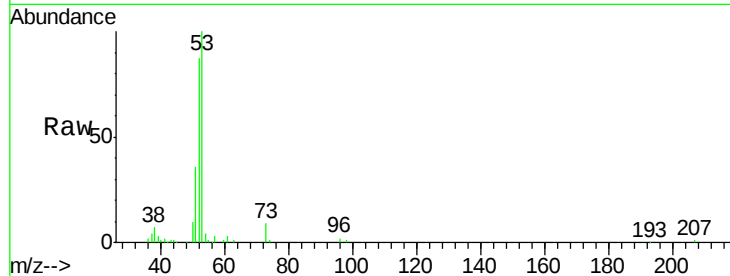
ClientSampleId :

VY0504SBS01

Tot Ion:	53	Resp:	89312
Ion Ratio	Lower	Upper	
53	100		
52	82.9	65.4	98.0
51	35.8	28.7	43.1

Manual Integrations
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#16

Acetone

Concen: 108.447 ug/l

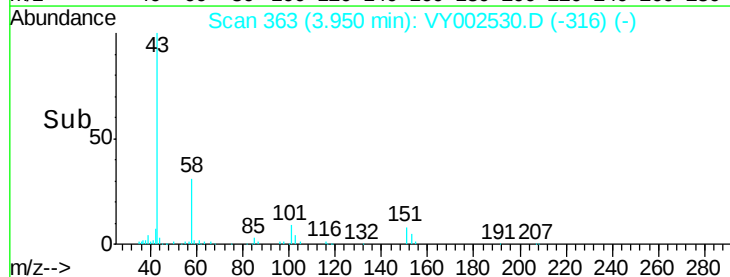
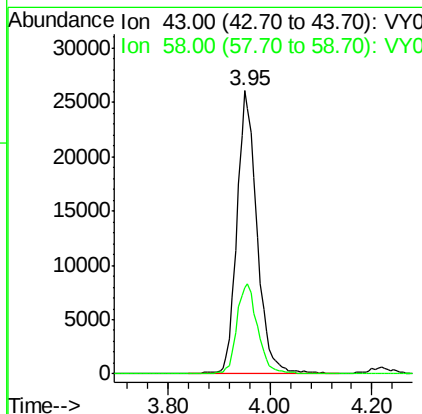
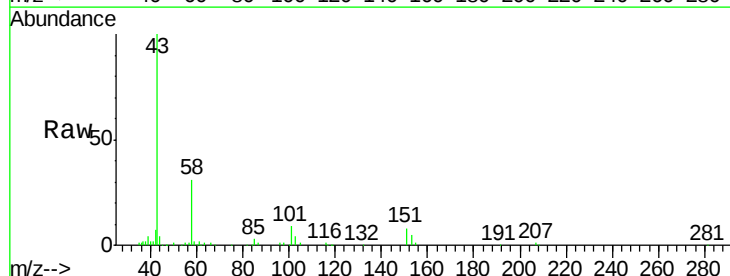
RT: 3.95 min Scan# 363

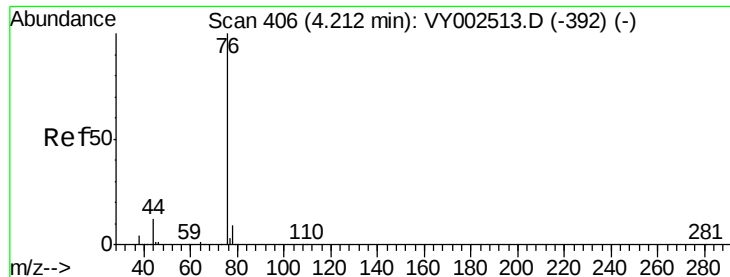
Delta R.T. -0.01 min

Lab File: VY002530.D

Acq: 04 May 2020 11:13

Tgt Ion:	43	Resp:	71630
Ion Ratio	Lower	Upper	
43	100		
58	30.6	26.9	40.3





#17

Carbon Disulfide

Concen: 17.525 ug/l

RT: 4.19 min Scan# 403

Delta R.T. -0.02 min

Lab File: VY002530.D

Acq: 04 May 2020 11:13

Instrument :

MSVOA_Y

ClientSampleId :

VY0504SBS01

Tot Ion: 76 Resp: 172757

Ion Ratio Lower Upper

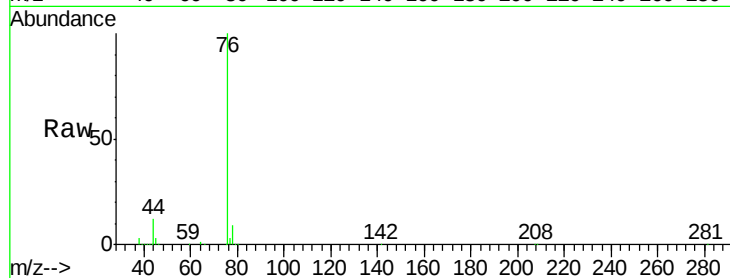
76 100

78 9.0 7.4 11.2

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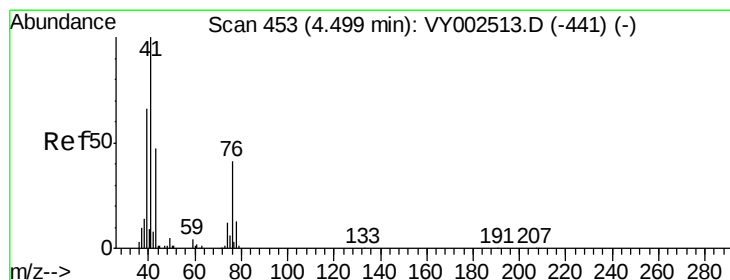
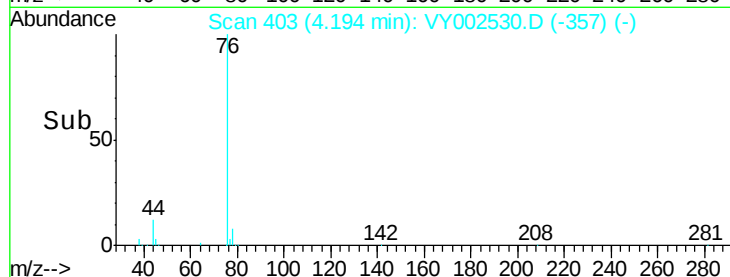
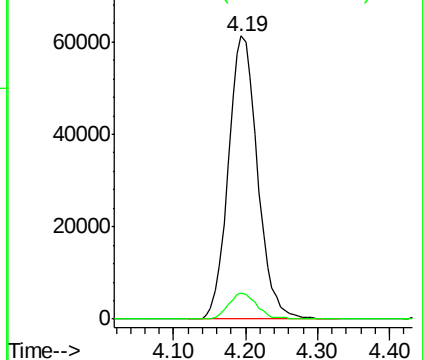
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Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 20.034 ug/l

RT: 4.48 min Scan# 450

Delta R.T. -0.02 min

Lab File: VY002530.D

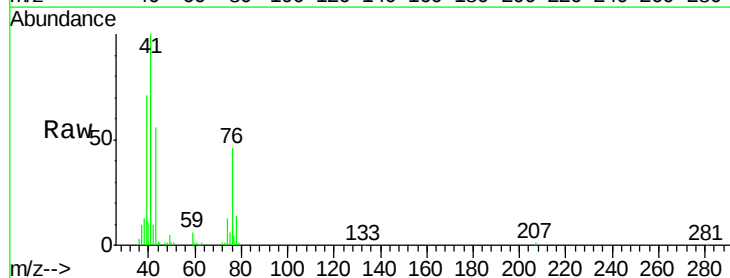
Acq: 04 May 2020 11:13

Tgt Ion: 43 Resp: 44214

Ion Ratio Lower Upper

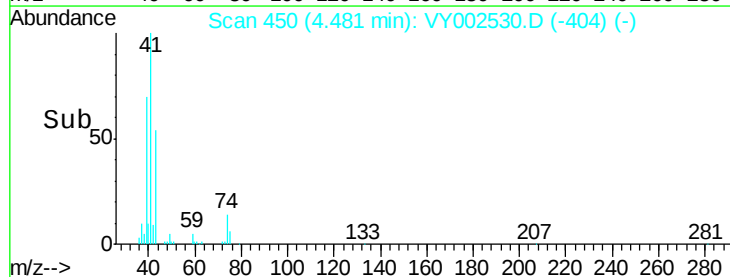
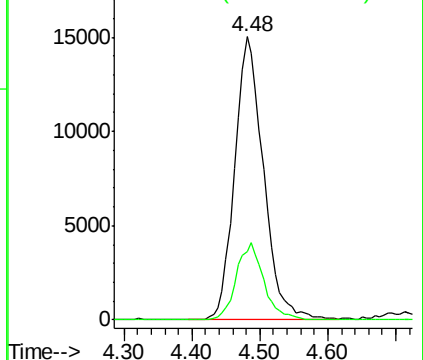
43 100

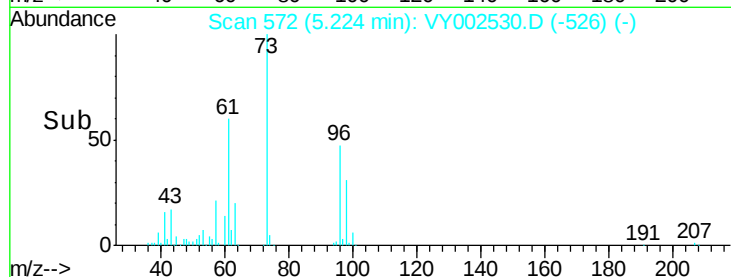
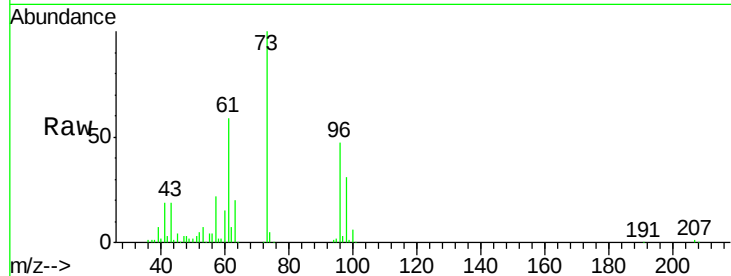
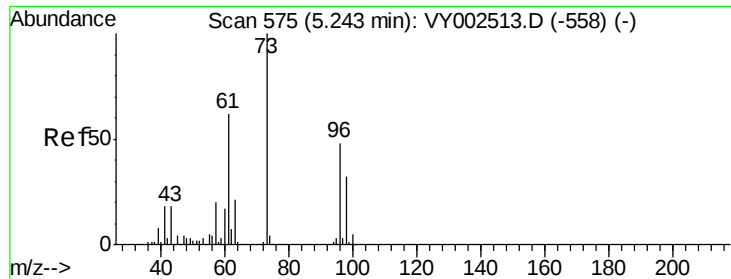
74 26.0 21.2 31.8



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0





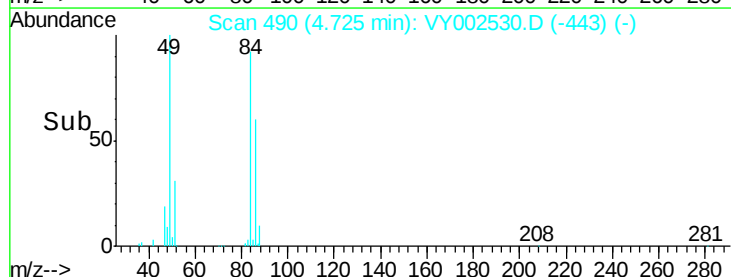
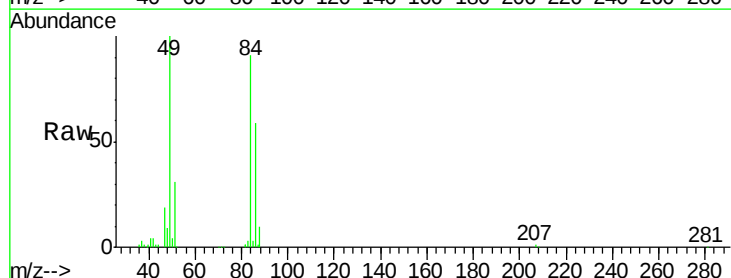
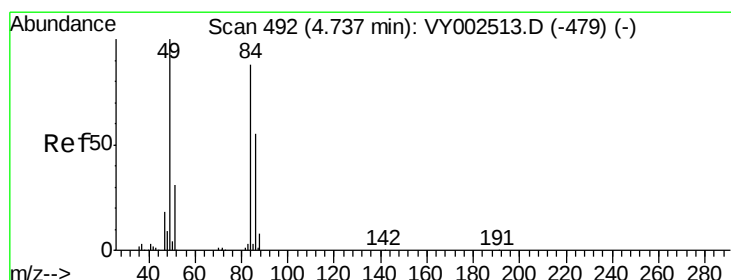
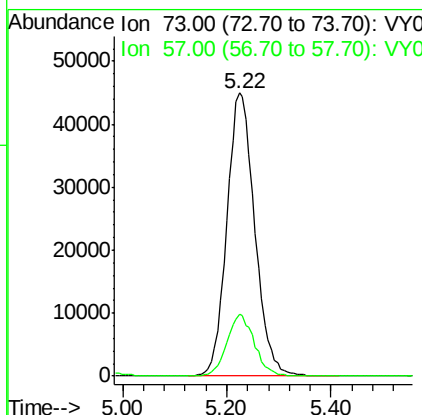
#19
Methvl tert-butvl Ether
Concen: 19.600 ug/l
RT: 5.22 min Scan# 572
Delta R.T. -0.02 min
Lab File: VY002530.D
Acq: 04 May 2020 11:13

Tot Ion: 73 Resp: 167557
Ion Ratio Lower Upper
73 100
57 21.8 16.3 24.5

Instrument :
MSVOA_Y
ClientSampleId :
VY0504SBS01

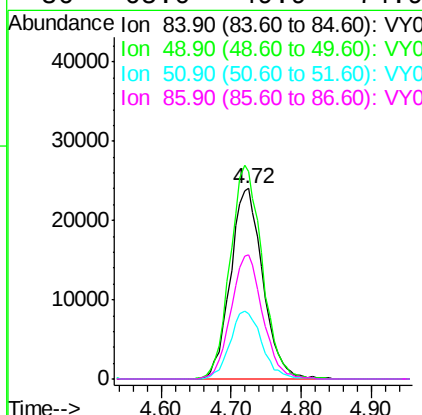
Manual Integrations
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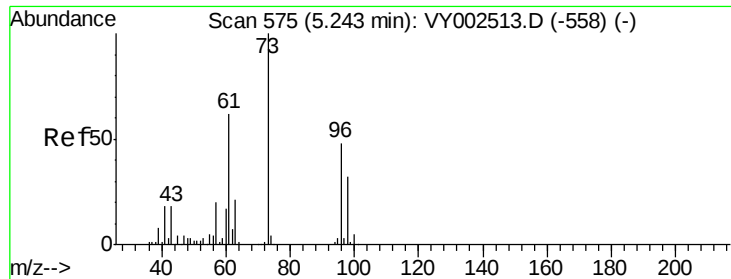
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#20
Methylene Chloride
Concen: 20.940 ug/l
RT: 4.72 min Scan# 490
Delta R.T. -0.01 min
Lab File: VY002530.D
Acq: 04 May 2020 11:13

Tgt Ion: 84 Resp: 77346
Ion Ratio Lower Upper
84 100
49 109.3 90.5 135.7
51 34.2 28.3 42.5
86 65.0 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 18.746 ug/l

RT: 5.22 min Scan# 571

Delta R.T. -0.02 min

Lab File: VY002530.D

Acq: 04 May 2020 11:13

Instrument :

MSVOA_Y

ClientSampleId :

VY0504SBS01

Tot Ion: 96 Resp: 67136

Ion Ratio Lower Upper

96 100

61 123.5 102.0 153.0

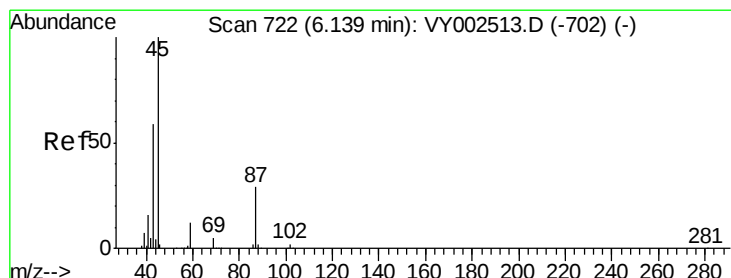
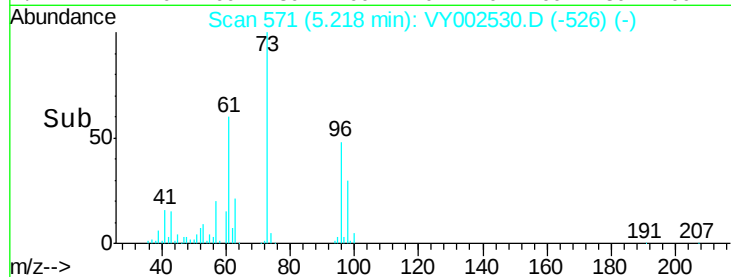
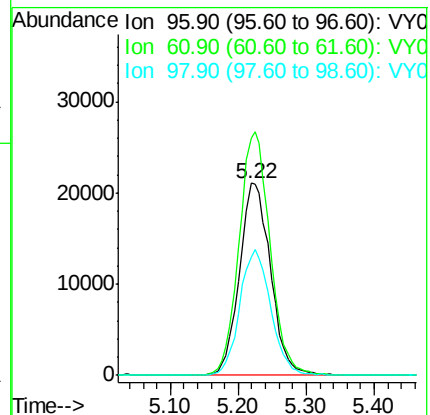
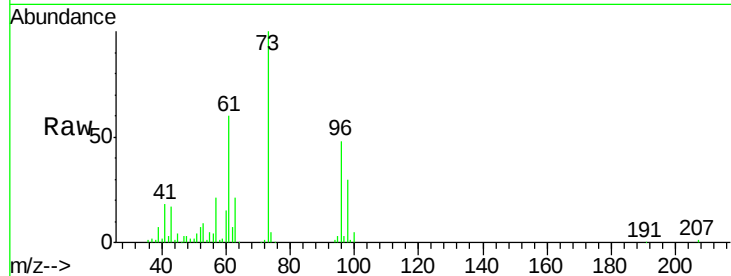
98 61.2 53.0 79.4

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#22

Diisopropyl ether

Concen: 19.919 ug/l

RT: 6.12 min Scan# 719

Delta R.T. -0.02 min

Lab File: VY002530.D

Acq: 04 May 2020 11:13

Tgt Ion: 45 Resp: 192422

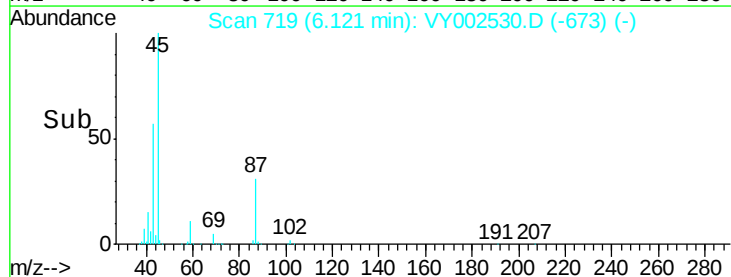
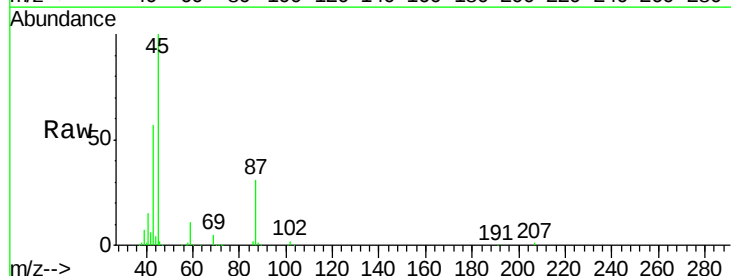
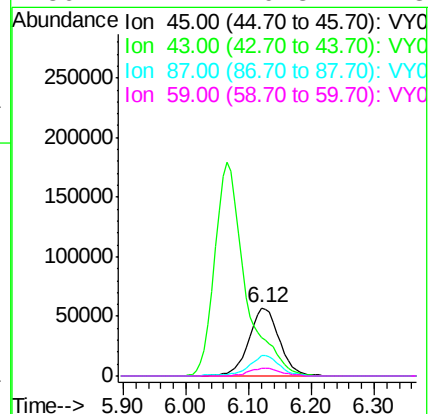
Ion Ratio Lower Upper

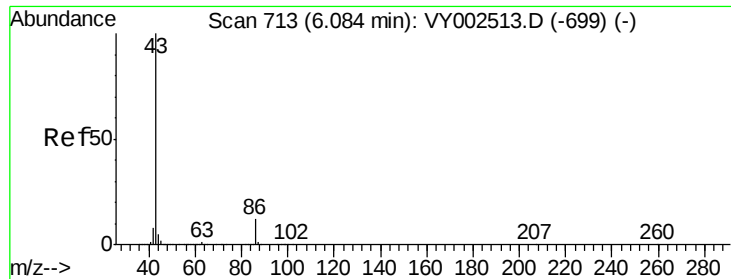
45 100

43 56.8 47.4 71.0

87 31.0 24.0 36.0

59 11.2 9.8 14.8





#23

Vinyl Acetate

Concen: 99.337 ug/l

RT: 6.07 min Scan# 710

Delta R.T. -0.02 min

Lab File: VY002530.D

Acq: 04 May 2020 11:13

Instrument :

MSVOA_Y

ClientSampleId :

VY0504SBS01

Tot Ion: 43 Resp: 603488

Ion Ratio Lower Upper

43 100

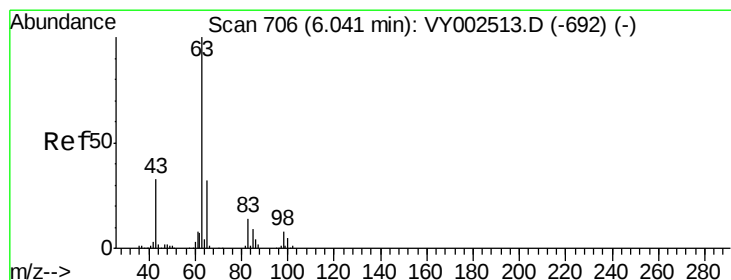
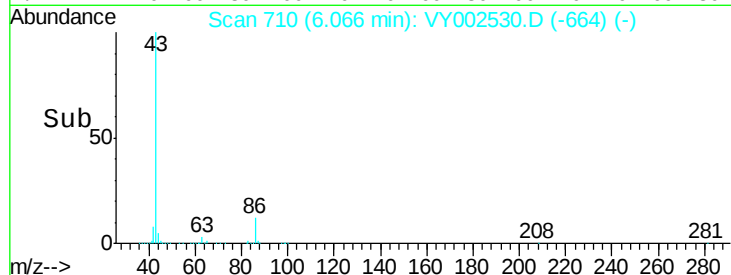
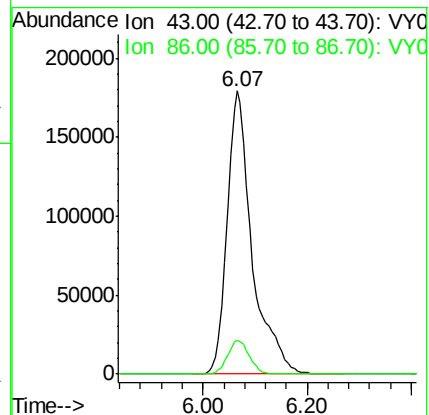
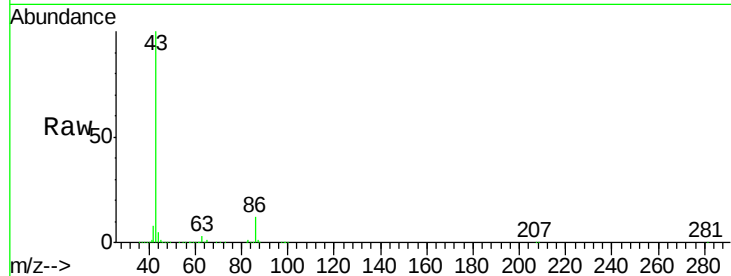
86 12.1 9.8 14.6

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 19.187 ug/l

RT: 6.02 min Scan# 703

Delta R.T. -0.02 min

Lab File: VY002530.D

Acq: 04 May 2020 11:13

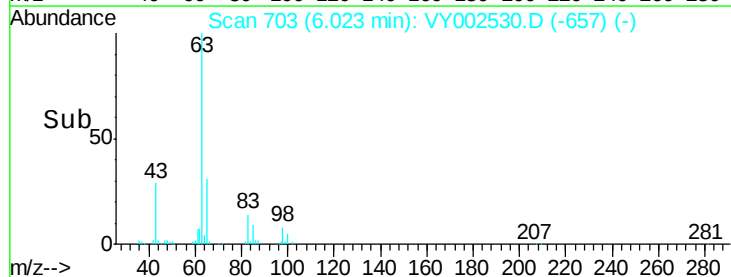
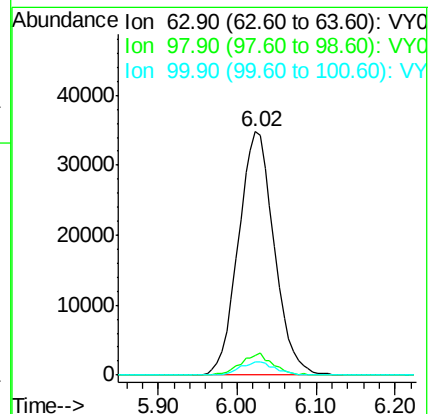
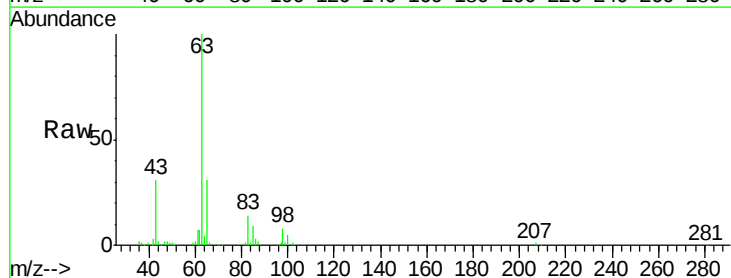
Tgt Ion: 63 Resp: 109649

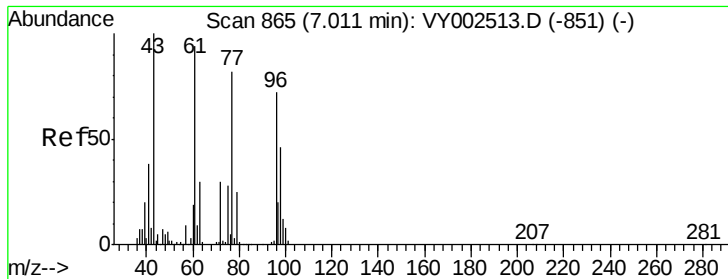
Ion Ratio Lower Upper

63 100

98 8.2 3.9 11.7

100 5.3 2.4 7.2





#25

2-Butanone

Concen: 102.019 ug/l

RT: 7.00 min Scan# 863

Delta R.T. -0.01 min

Lab File: VY002530.D

Acq: 04 May 2020 11:13

Instrument :

MSVOA_Y

ClientSampleId :

VY0504SBS01

Tot Ion: 43 Resp: 110304

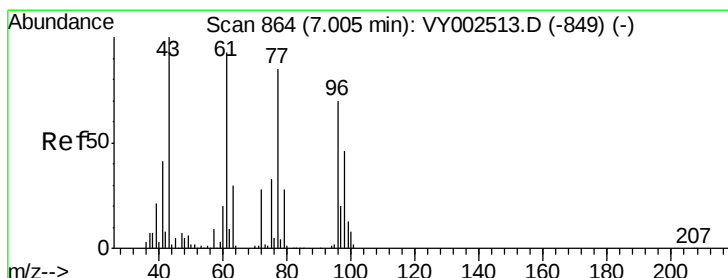
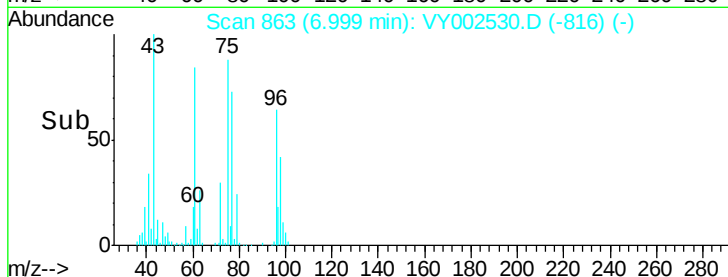
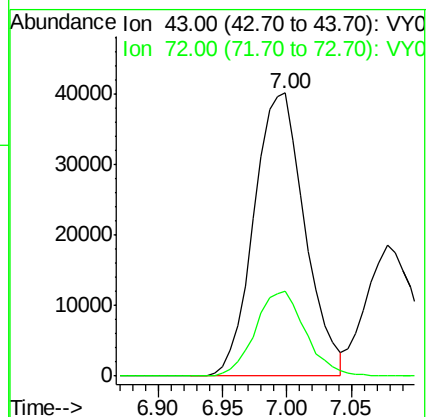
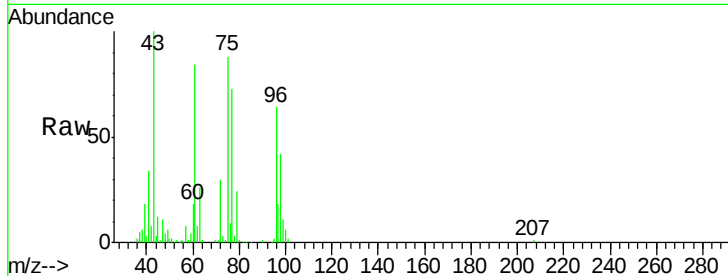
Ion Ratio Lower Upper

43 100

72 30.1 24.1 36.1

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#26

2,2-Dichloropropane

Concen: 19.304 ug/l

RT: 6.99 min Scan# 861

Delta R.T. -0.02 min

Lab File: VY002530.D

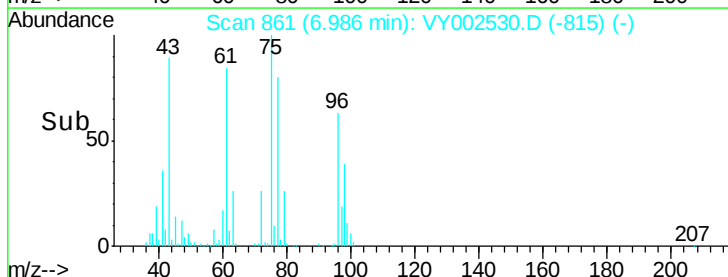
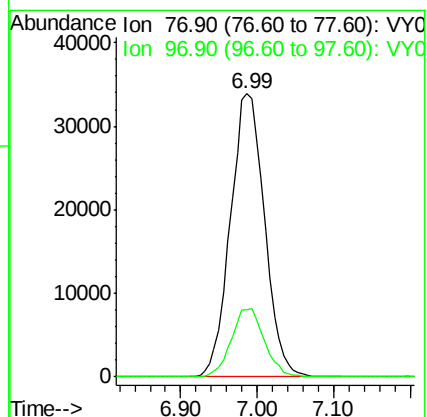
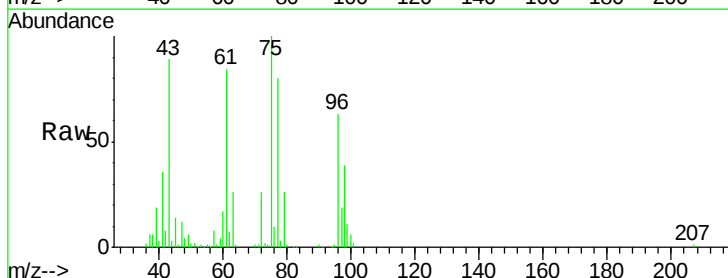
Acq: 04 May 2020 11:13

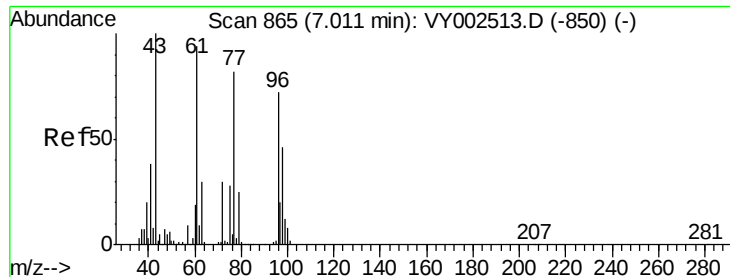
Tgt Ion: 77 Resp: 104861

Ion Ratio Lower Upper

77 100

97 23.4 11.9 35.5





#27

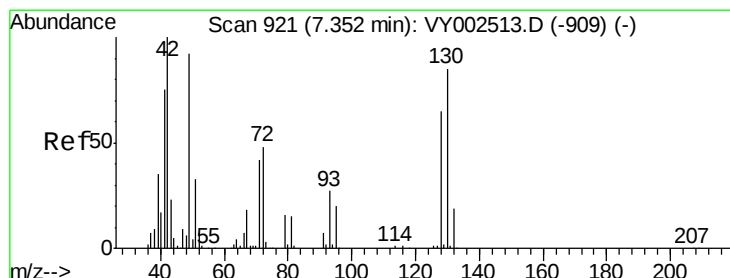
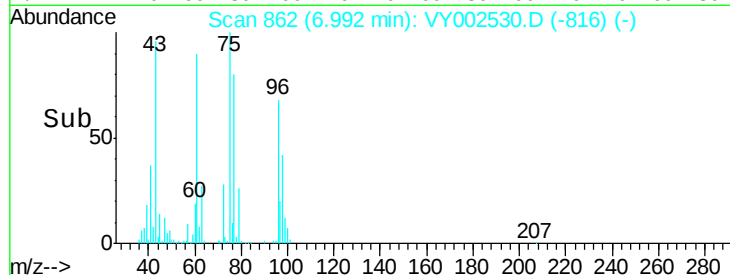
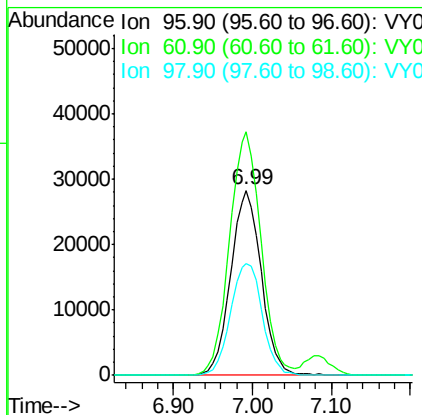
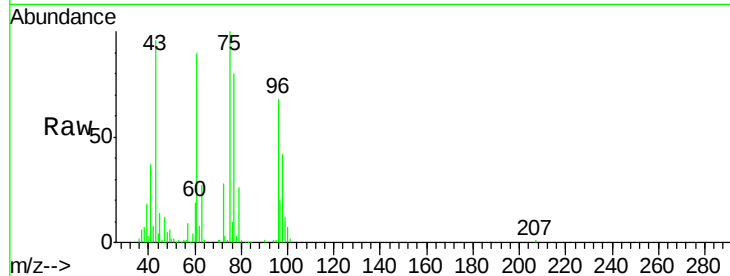
cis-1,2-Dichloroethene
Concen: 19.229 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.02 min
Lab File: VY002530.D
Acq: 04 May 2020 11:13

Instrument :
MSVOA_Y
ClientSampleId :
VY0504SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	135.8	0.0	266.6
98	62.8	0.0	129.2

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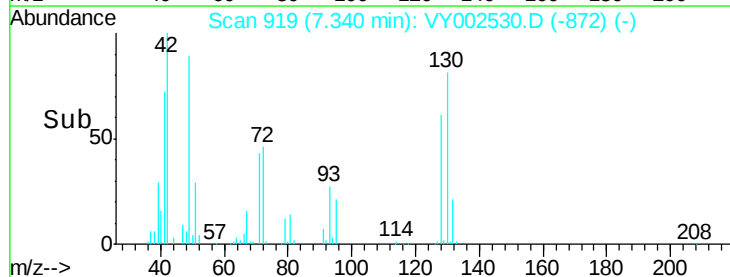
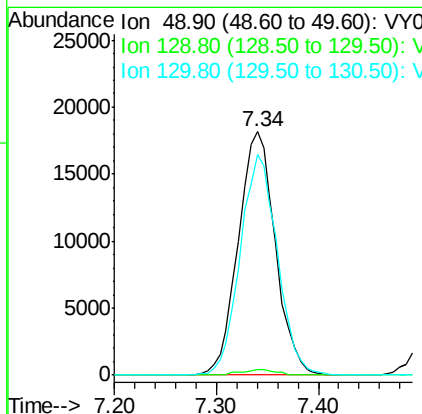
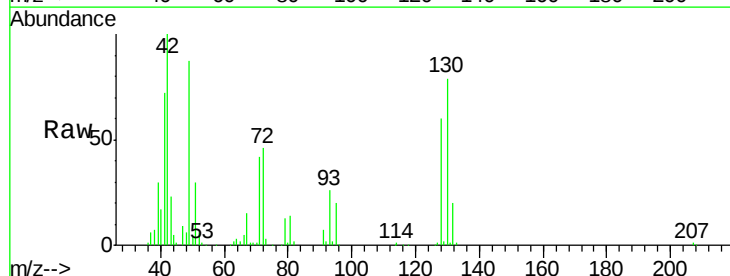
MMDadoda
5/5/2020 11:28:59 AM

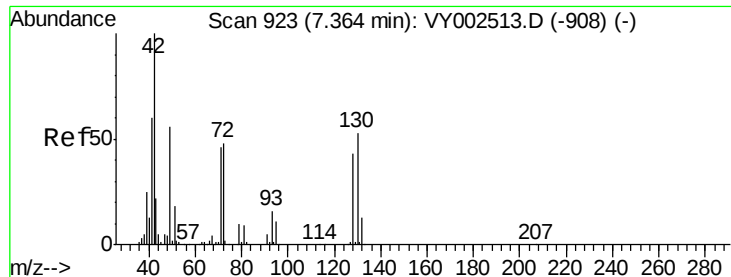


#28

Bromochloromethane
Concen: 19.557 ug/l
RT: 7.34 min Scan# 919
Delta R.T. -0.01 min
Lab File: VY002530.D
Acq: 04 May 2020 11:13

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.8
130	91.0	72.5	108.7





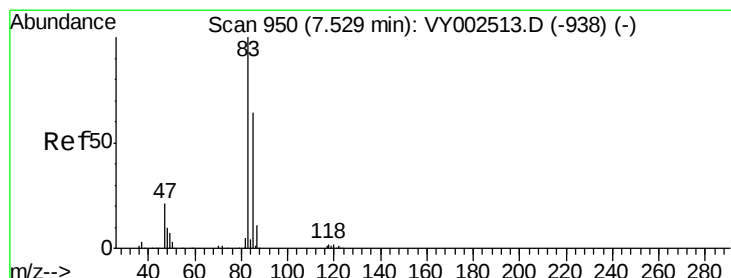
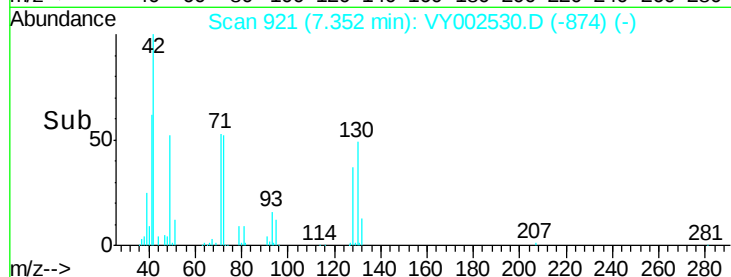
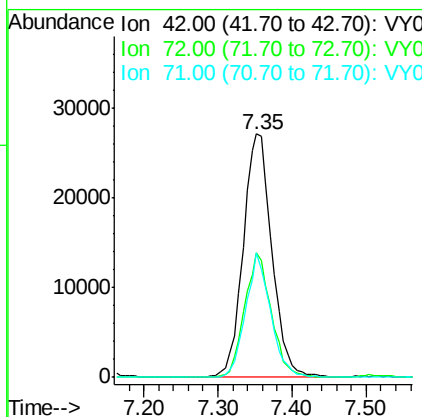
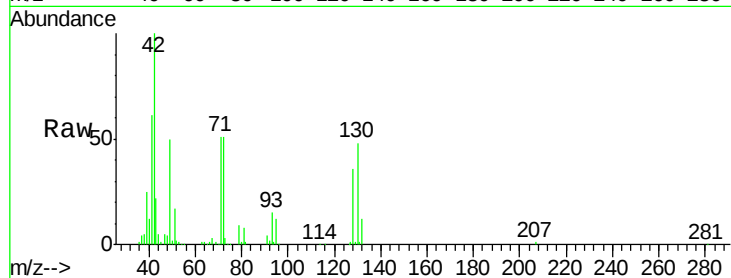
#29
Tetrahydrofuran
Concen: 102.550 ug/l
RT: 7.35 min Scan# 921
Delta R.T. -0.01 min
Lab File: VY002530.D
Acq: 04 May 2020 11:13

Instrument :
MSVOA_Y
ClientSampleId :
VY0504SBS01

Tot Ion:	42	Resp:	73359
Ion	Ratio	Lower	Upper
42	100		
72	47.8	37.4	56.2
71	44.5	35.0	52.4

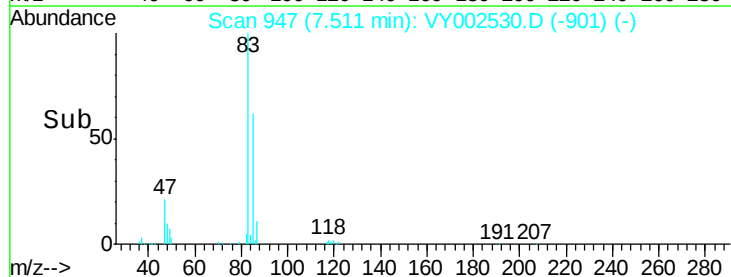
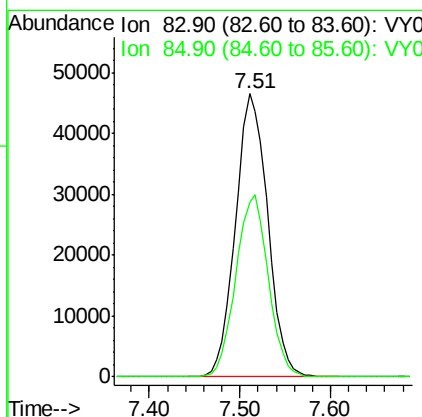
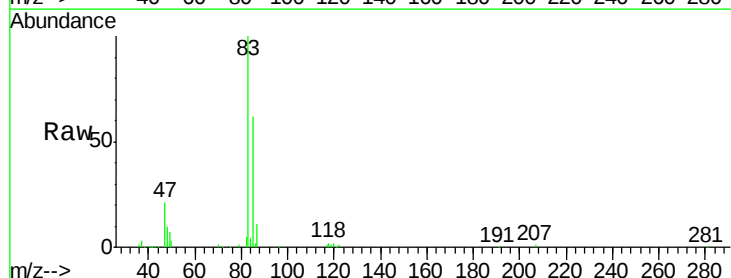
Manual Integrations
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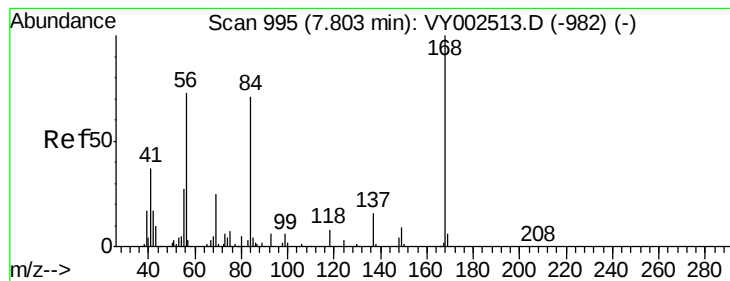
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#30
Chloroform
Concen: 19.316 ug/l
RT: 7.51 min Scan# 947
Delta R.T. -0.02 min
Lab File: VY002530.D
Acq: 04 May 2020 11:13

Tgt Ion:	83	Resp:	114780
Ion	Ratio	Lower	Upper
83	100		
85	61.9	51.5	77.3





#31

Cvclohexane

Concen: 18.182 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.01 min

Lab File: VY002530.D

Acq: 04 May 2020 11:13

Instrument :

MSVOA_Y

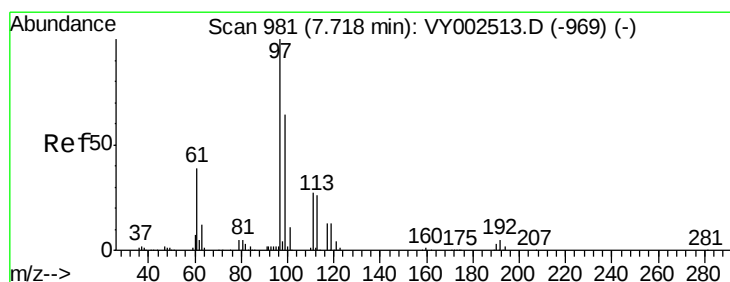
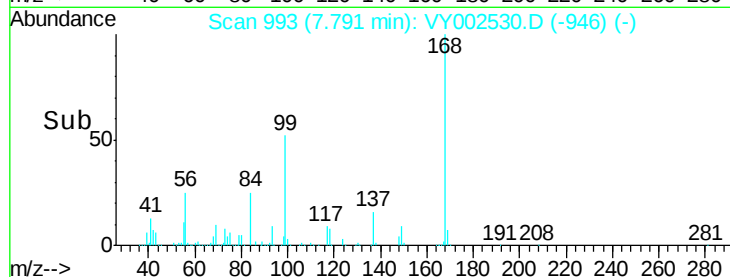
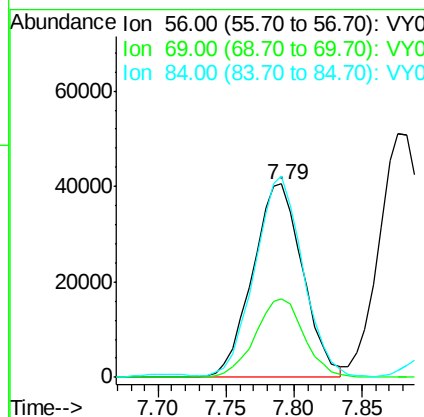
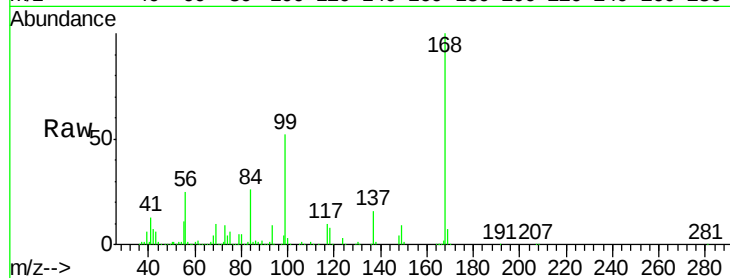
ClientSampleId :

VY0504SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
56	100				
69	40.8	27.6	41.4		
84	103.1	77.7	116.5		

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 19.160 ug/l

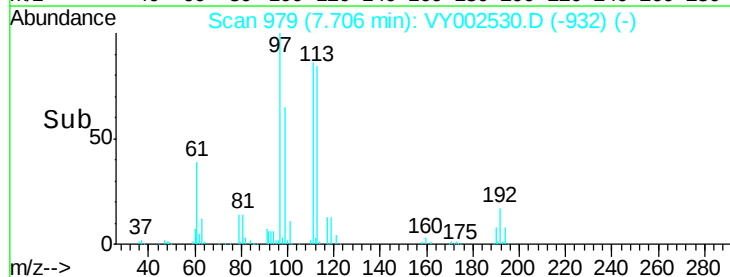
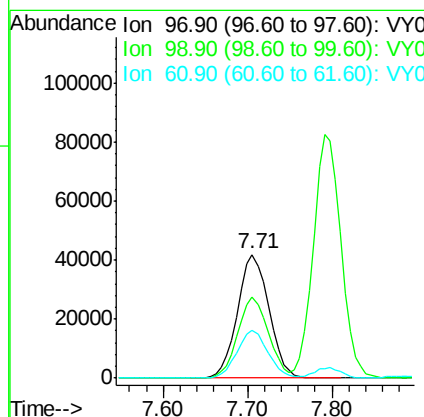
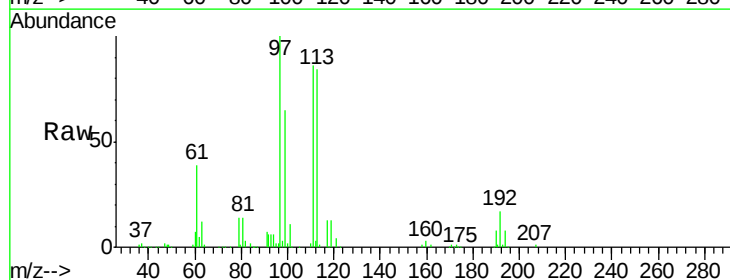
RT: 7.71 min Scan# 979

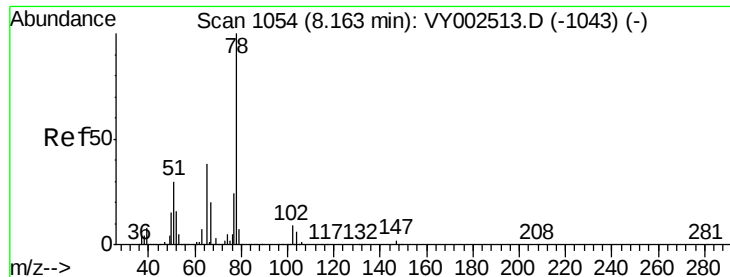
Delta R.T. -0.01 min

Lab File: VY002530.D

Acq: 04 May 2020 11:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
97	100				
99	63.7	51.9	77.9		
61	38.0	31.0	46.6		





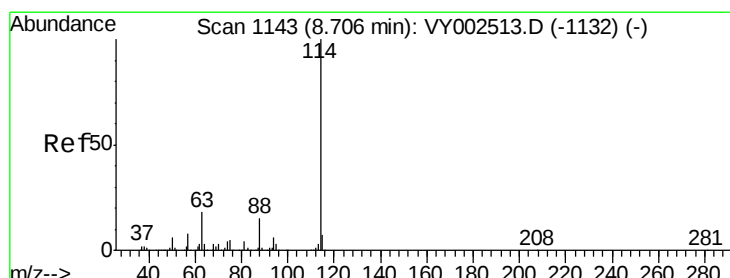
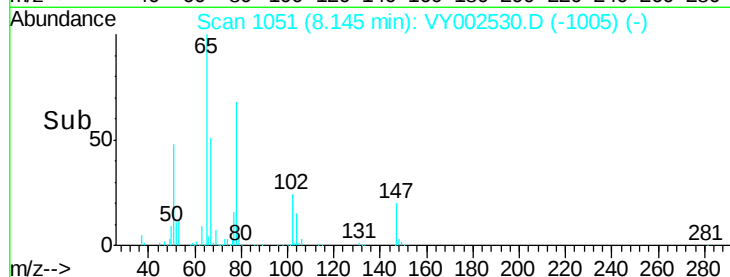
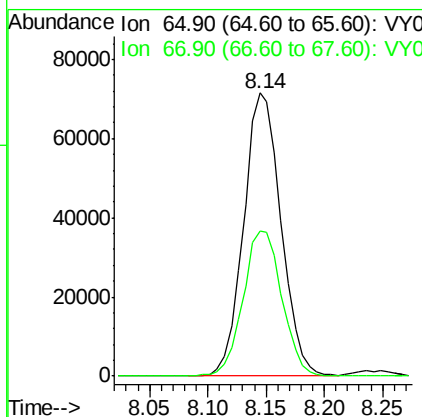
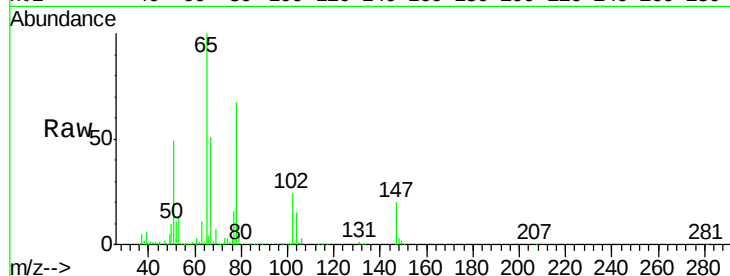
#33
 1,2-Dichloroethane-d4
 Concen: 49.777 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. -0.02 min
 Lab File: VY002530.D
 Acq: 04 May 2020 11:13

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0504SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	53.0	0.0	107.2	

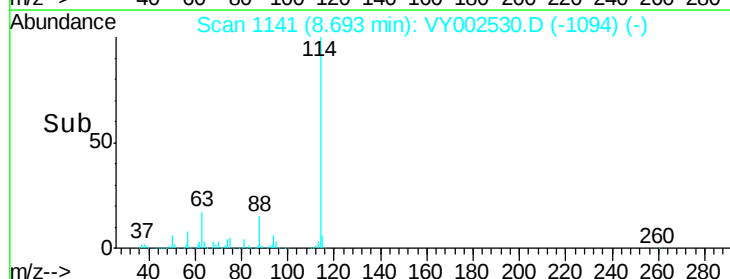
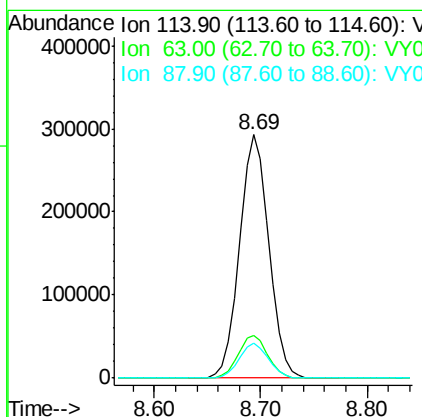
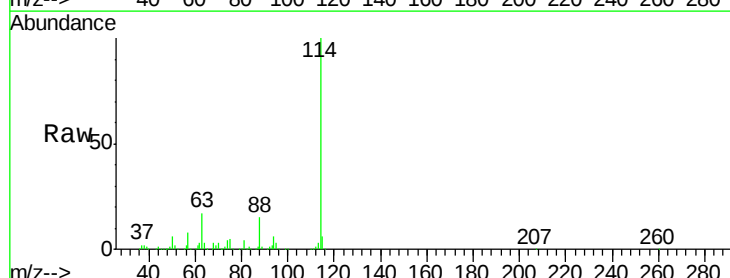
Manual Integrations
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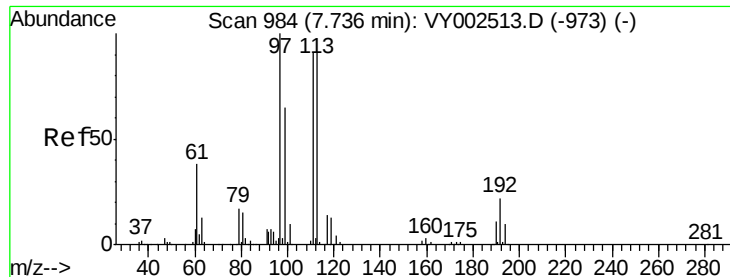
MMDadoda
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: VY002530.D
 Acq: 04 May 2020 11:13

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	17.5	0.0	36.4	
88	14.6	0.0	29.6	





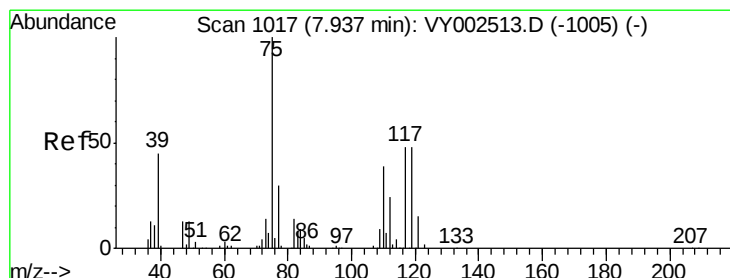
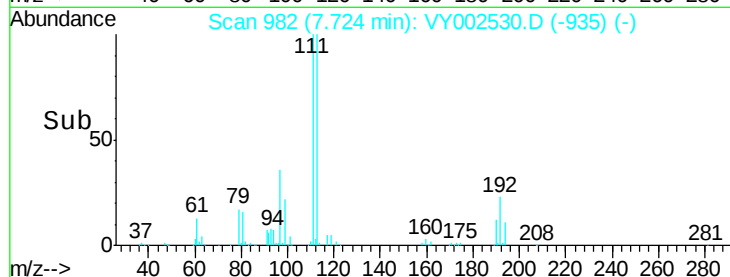
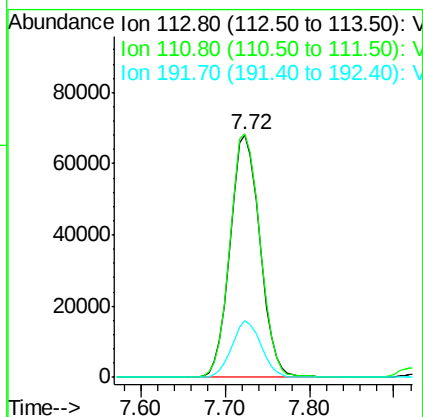
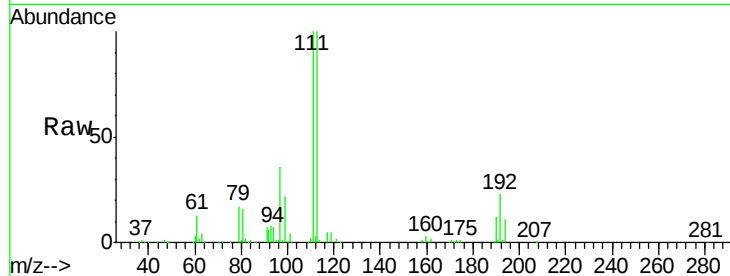
#35
 Dibromofluoromethane
 Concen: 50.494 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: VY002530.D
 Acq: 04 May 2020 11:13

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0504SBS01

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.3	81.8	122.6
192	22.8	18.2	27.4

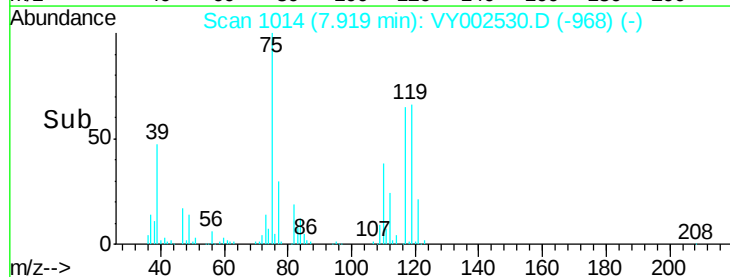
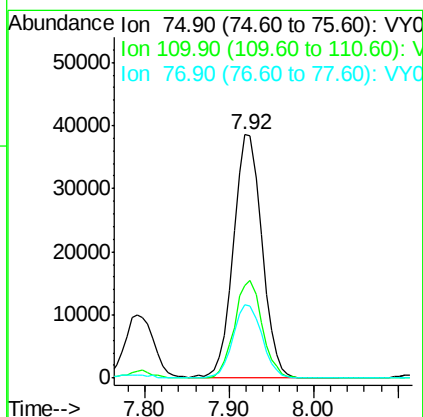
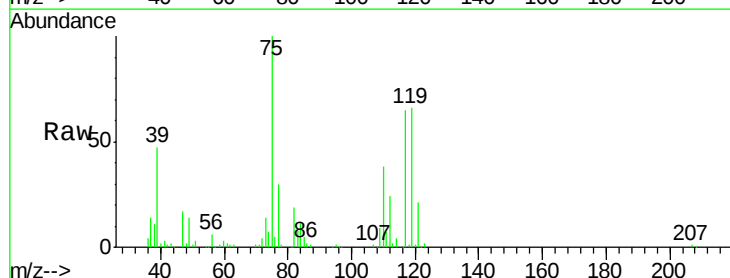
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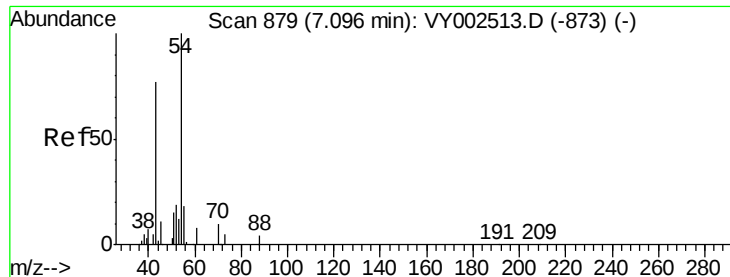
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#36
 1,1-Dichloropropene
 Concen: 18.614 ug/l
 RT: 7.92 min Scan# 1014
 Delta R.T. -0.02 min
 Lab File: VY002530.D
 Acq: 04 May 2020 11:13

Tgt Ion	Ratio	Lower	Upper
75	100		
110	39.0	19.1	57.3
77	30.9	24.6	37.0





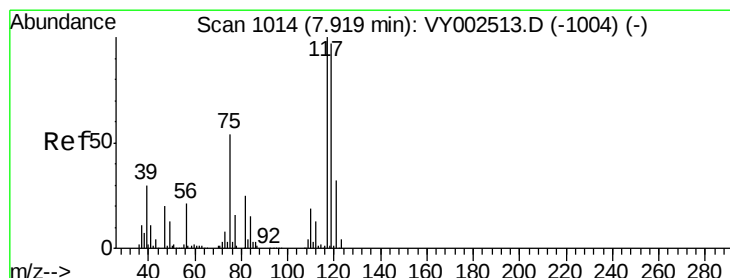
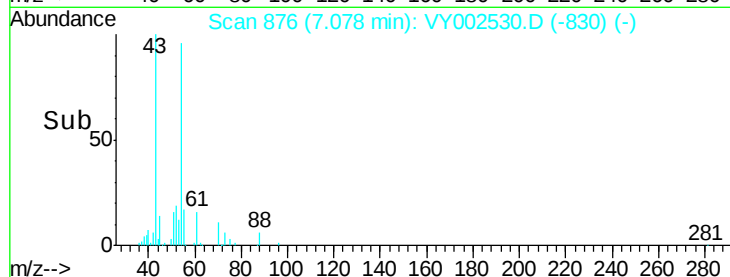
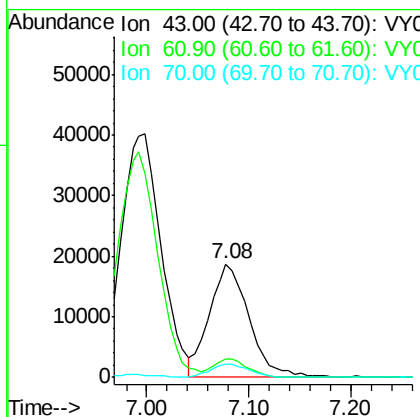
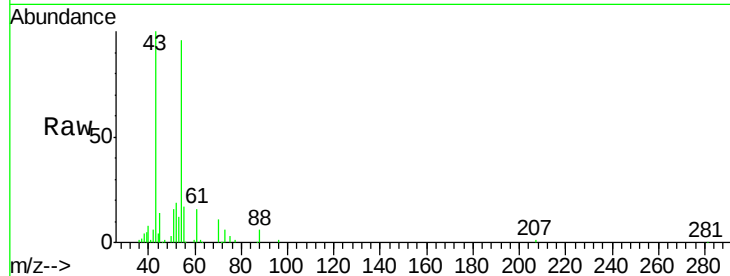
#37
Ethyl Acetate
Concen: 20.612 ug/l
RT: 7.08 min Scan# 876
Delta R.T. -0.02 min
Lab File: VY002530.D
Acq: 04 May 2020 11:13

Instrument :
MSVOA_Y
ClientSampleId :
VY0504SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.4	11.6	17.4
70	11.6	9.0	13.6

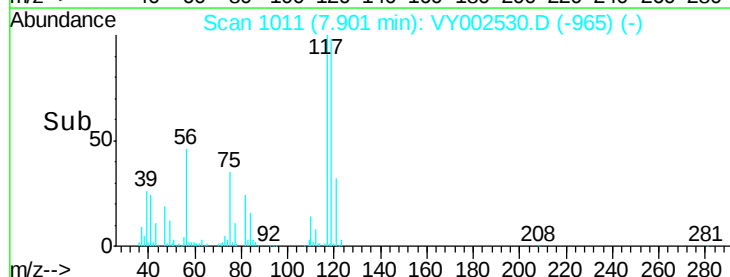
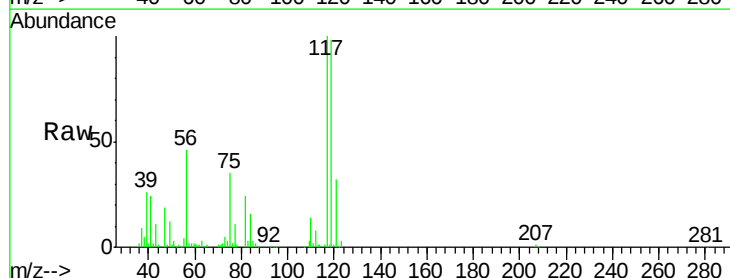
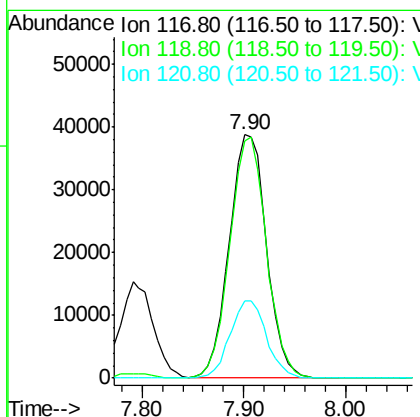
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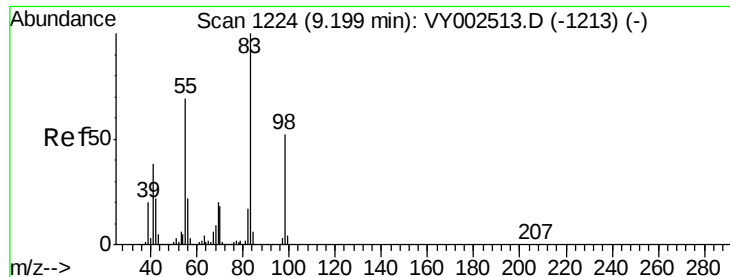
MMDadoda
5/5/2020 11:28:59 AM



#38
Carbon Tetrachloride
Concen: 18.932 ug/l
RT: 7.90 min Scan# 1011
Delta R.T. -0.02 min
Lab File: VY002530.D
Acq: 04 May 2020 11:13

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.5	77.1	115.7
121	31.6	25.2	37.8





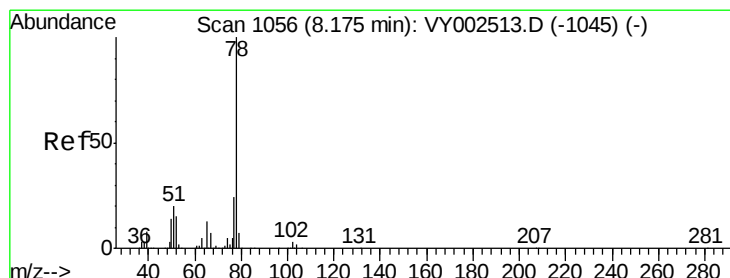
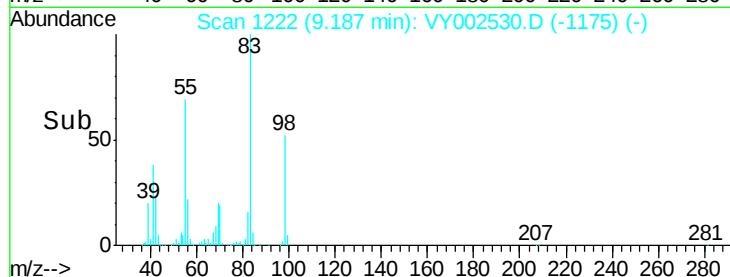
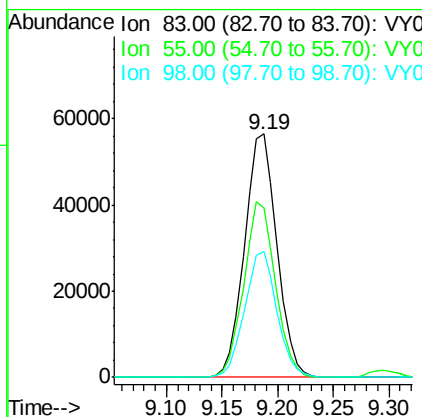
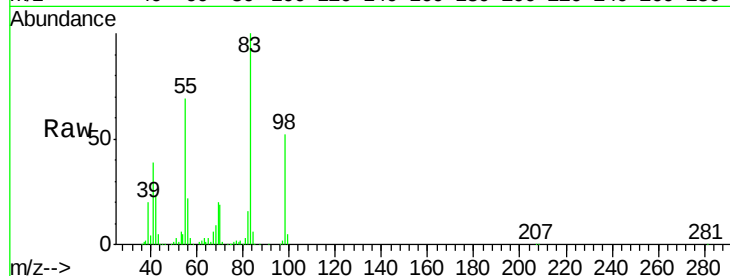
#39
Methylvlcvclohexane
Concen: 18.254 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.01 min
Lab File: VY002530.D
Acq: 04 May 2020 11:13

Instrument :
MSVOA_Y
ClientSampleId :
VY0504SBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100	114293		
55	69.4		55.4	83.0
98	51.8		41.3	61.9

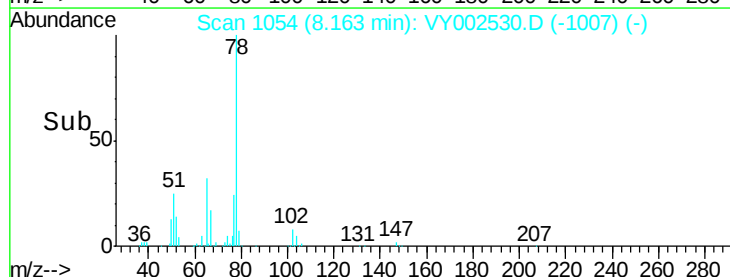
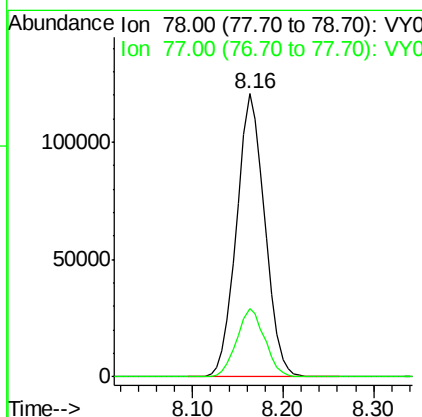
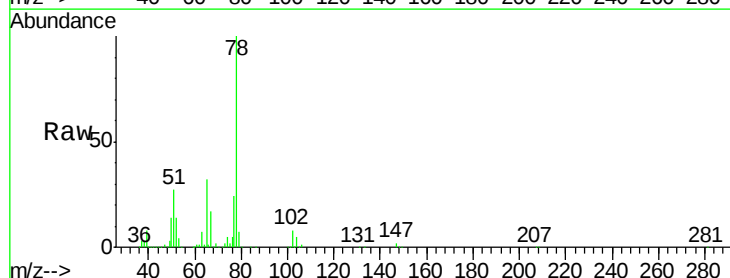
Manual Integrations
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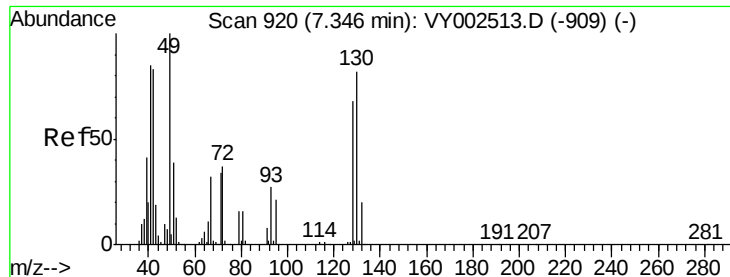
MMDadoda
5/5/2020 11:28:59 AM



#40
Benzene
Concen: 18.994 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.01 min
Lab File: VY002530.D
Acq: 04 May 2020 11:13

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	260063		
77	24.1		19.2	28.8





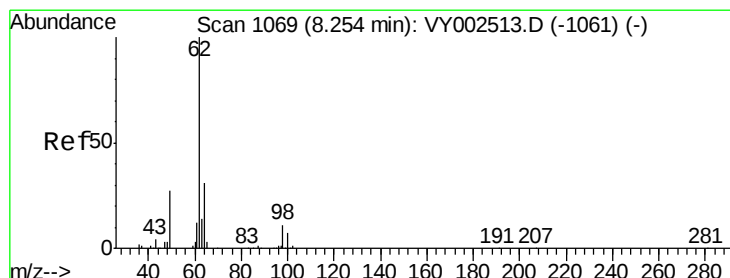
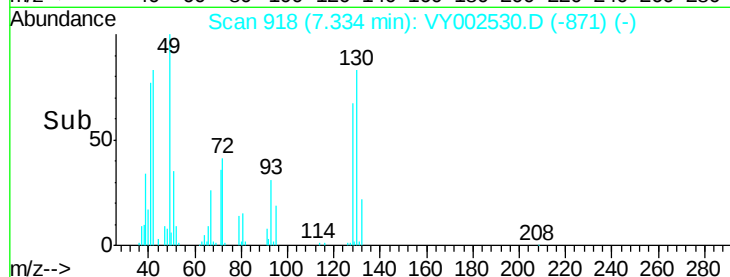
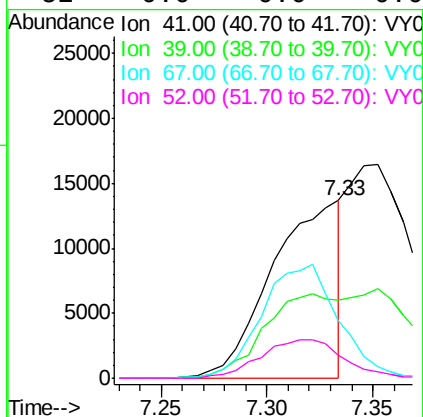
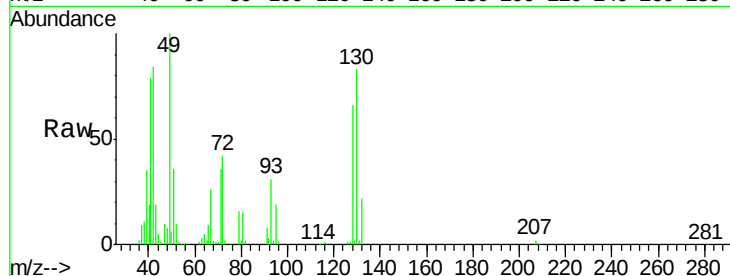
#41
Methacrylonitrile
Concen: 23.891 ug/l m
RT: 7.33 min Scan# 918
Delta R.T. -0.01 min
Lab File: VY002530.D
Acq: 04 May 2020 11:13

Instrument :
MSVOA_Y
ClientSampleId :
VY0504SBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	0.0	83.1	124.7#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

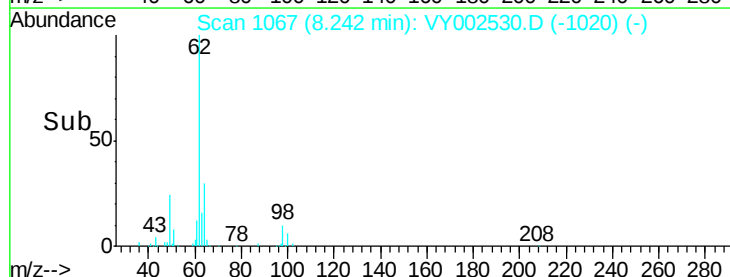
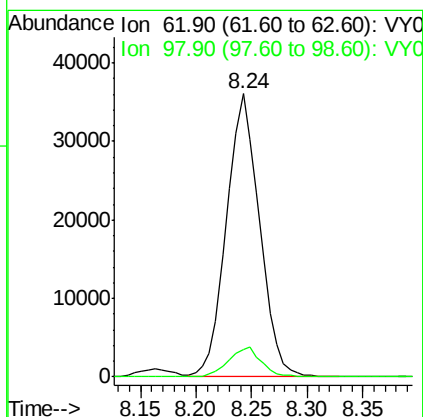
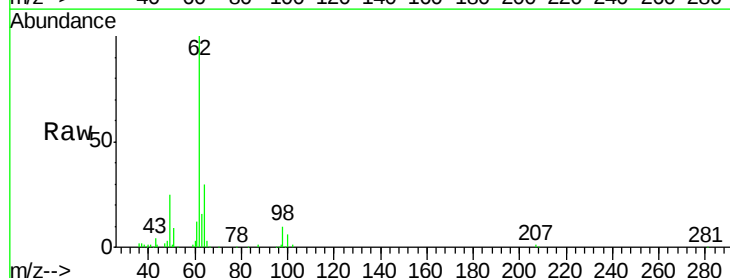
Manual Integrations
APPROVED

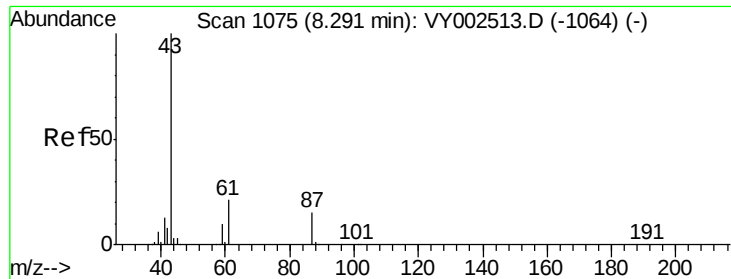
MMDadoda
5/5/2020 11:28:59 AM



#42
1,2-Dichloroethane
Concen: 19.343 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.01 min
Lab File: VY002530.D
Acq: 04 May 2020 11:13

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.4	0.0	21.0





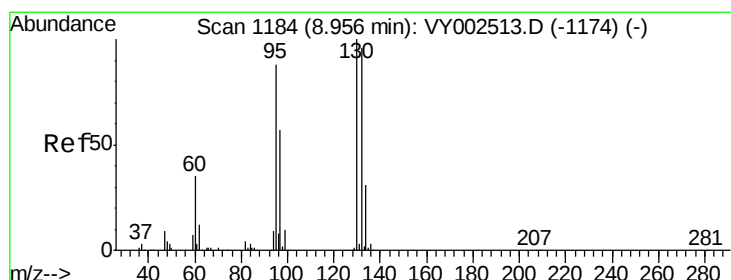
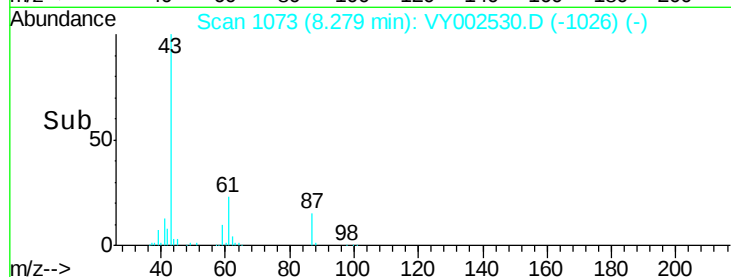
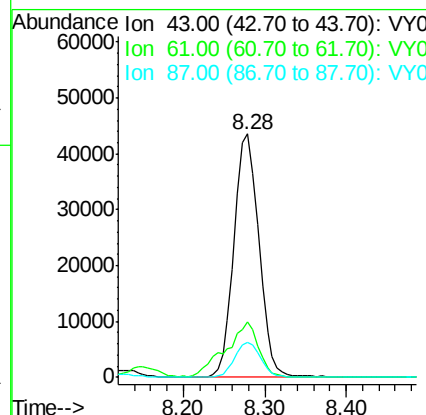
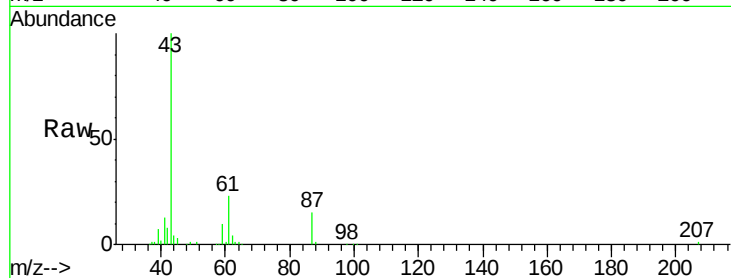
#43
Isopropyl Acetate
Concen: 20.145 ug/l
RT: 8.28 min Scan# 1073
Delta R.T. -0.01 min
Lab File: VY002530.D
Acq: 04 May 2020 11:13

Instrument :
MSVOA_Y
ClientSampleId :
VY0504SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	30.0	24.8	37.2
87	14.7	12.2	18.2

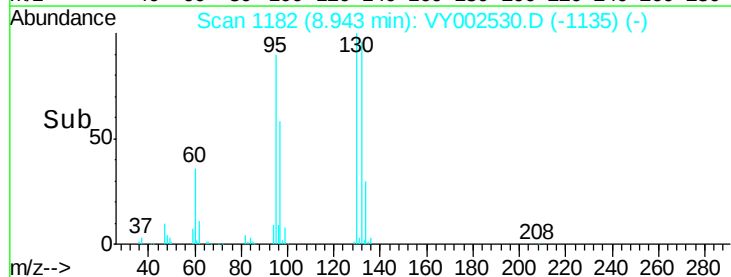
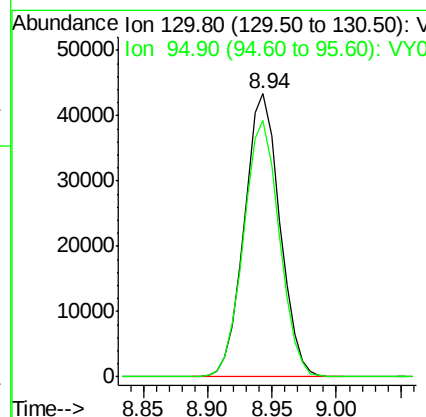
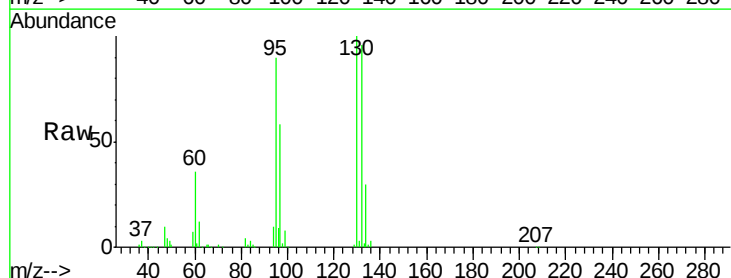
Manual Integrations
APPROVED

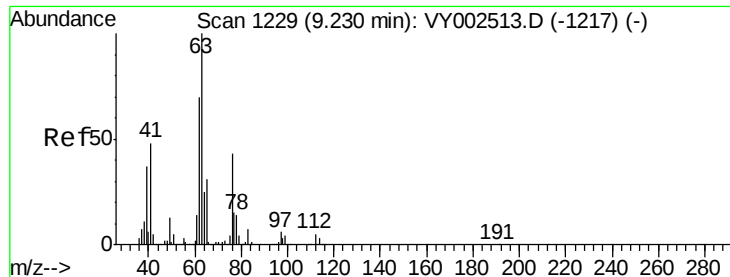
MMDadoda
5/5/2020 11:28:59 AM



#44
Trichloroethene
Concen: 19.308 ug/l
RT: 8.94 min Scan# 1182
Delta R.T. -0.01 min
Lab File: VY002530.D
Acq: 04 May 2020 11:13

Tgt Ion	Ratio	Lower	Upper
130	100		
95	90.5	0.0	175.8





#45

1,2-Dichloropropane

Concen: 19.246 ug/l

RT: 9.22 min Scan# 1227

Delta R.T. -0.01 min

Lab File: VY002530.D

Acq: 04 May 2020 11:13

Instrument :

MSVOA_Y

ClientSampleId :

VY0504SBS01

Tot Ion: 63 Resp: 63598

Ion Ratio Lower Upper

63 100

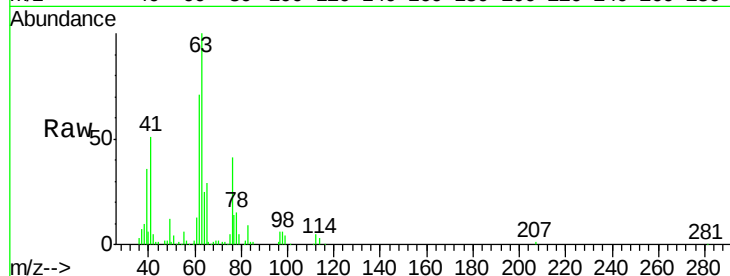
65 28.8 24.5 36.7

Manual Integrations

APPROVED

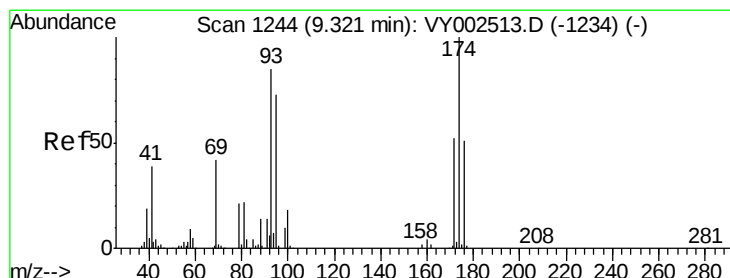
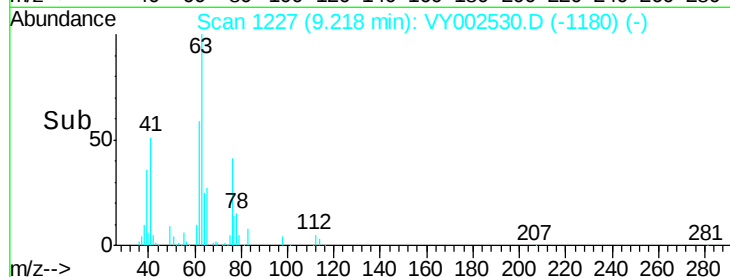
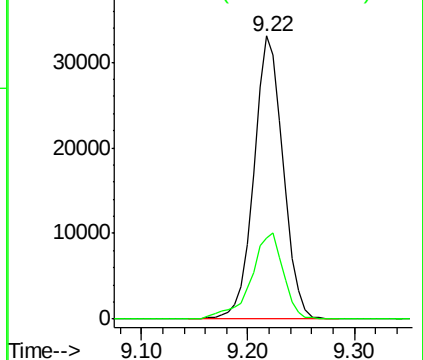
MMDadoda

5/5/2020 11:28:59 AM



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 64.90 (64.60 to 65.60): VY0



#46

Dibromomethane

Concen: 19.976 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. -0.01 min

Lab File: VY002530.D

Acq: 04 May 2020 11:13

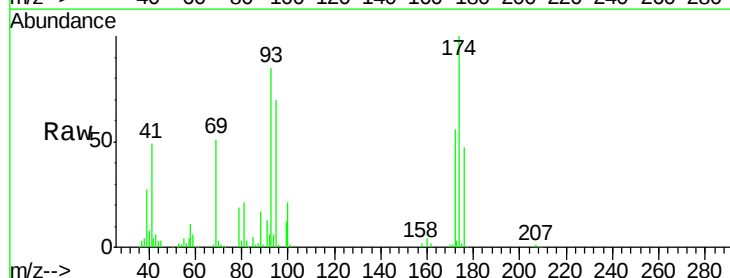
Tgt Ion: 93 Resp: 37980

Ion Ratio Lower Upper

93 100

95 82.1 67.0 100.4

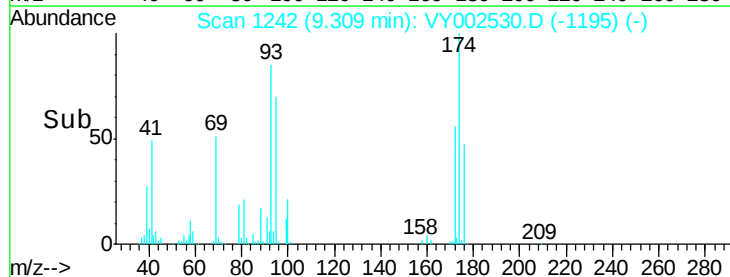
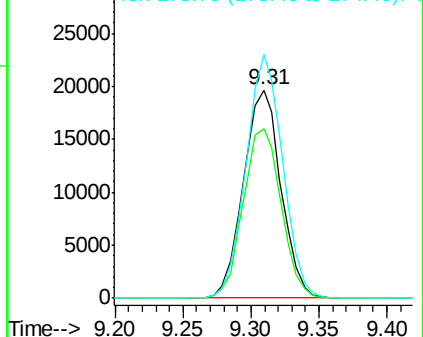
174 114.3 92.7 139.1

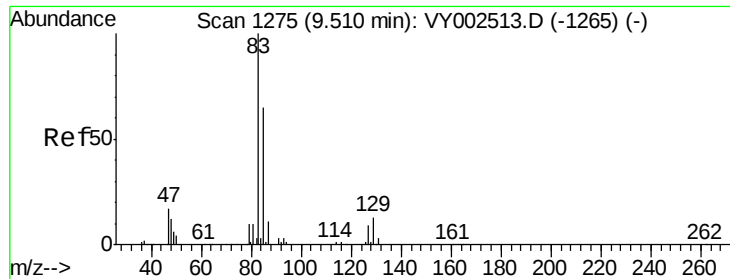


Abundance Ion 92.80 (92.50 to 93.50): VY0

Ion 94.80 (94.50 to 95.50): VY0

Ion 173.70 (173.40 to 174.40): VY0





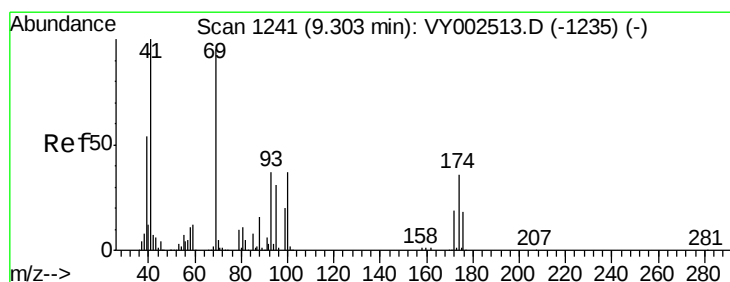
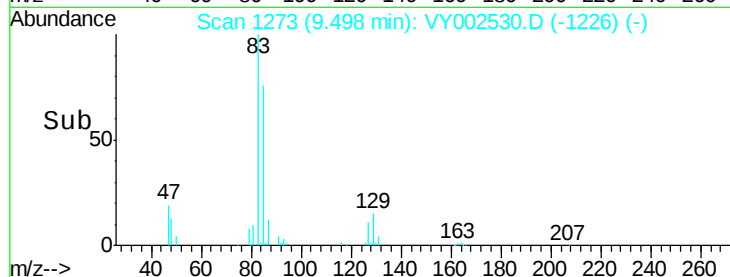
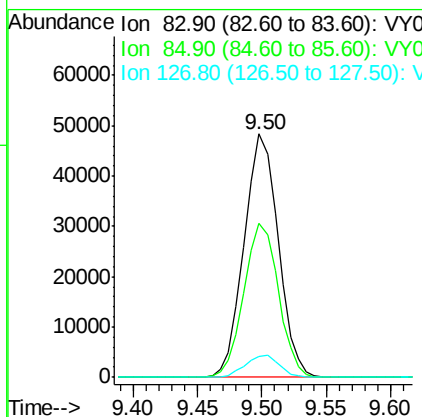
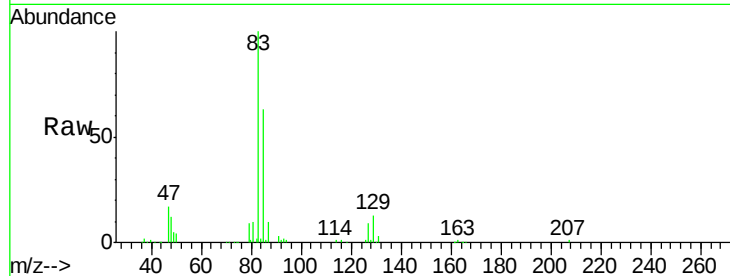
#47
Bromodichloromethane
Concen: 19.193 ug/l
RT: 9.50 min Scan# 1273
Delta R.T. -0.01 min
Lab File: VY002530.D
Acq: 04 May 2020 11:13

Instrument :
MSVOA_Y
ClientSampleId :
VY0504SBS01

Tot Ion	83	Resp	88730
Ion Ratio	100	Lower	Upper
83	100		
85	63.3	51.8	77.8
127	8.7	7.4	11.0

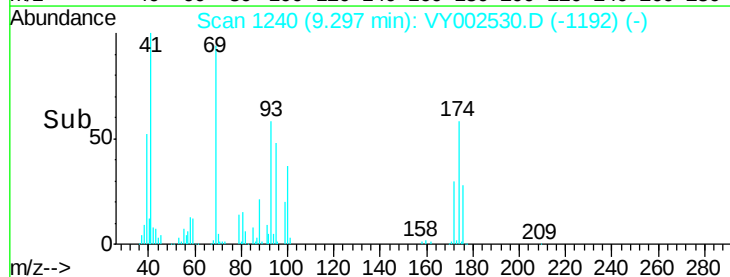
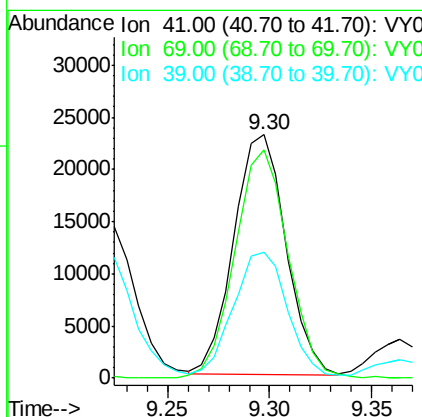
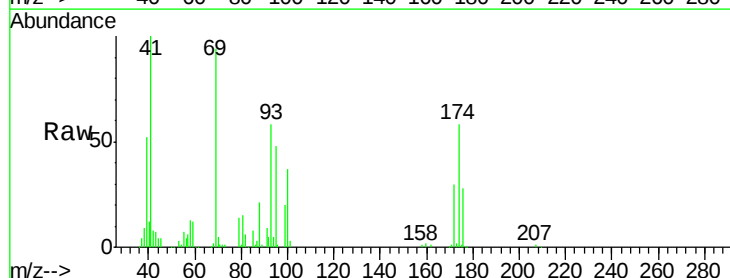
Manual Integrations
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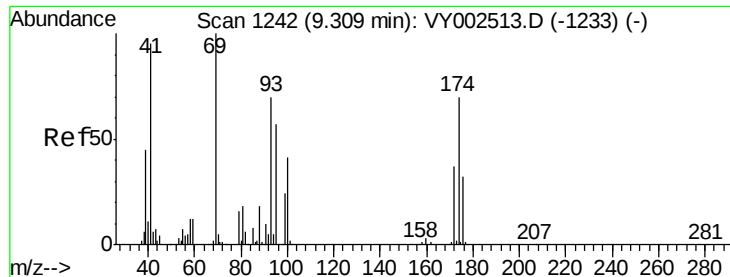
MMDadoda
5/5/2020 11:28:59 AM



#48
Methyl methacrylate
Concen: 19.679 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. -0.01 min
Lab File: VY002530.D
Acq: 04 May 2020 11:13

Tgt Ion	41	Resp	40674
Ion Ratio	100	Lower	Upper
41	100		
69	97.7	76.2	114.4
39	55.5	42.7	64.1





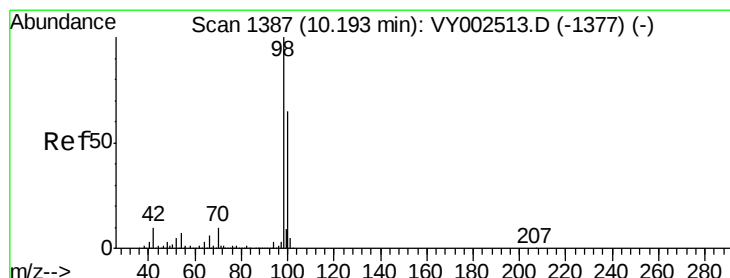
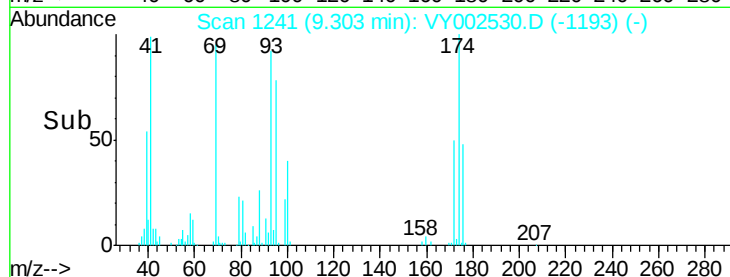
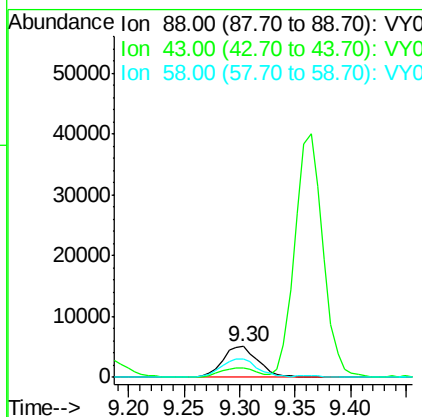
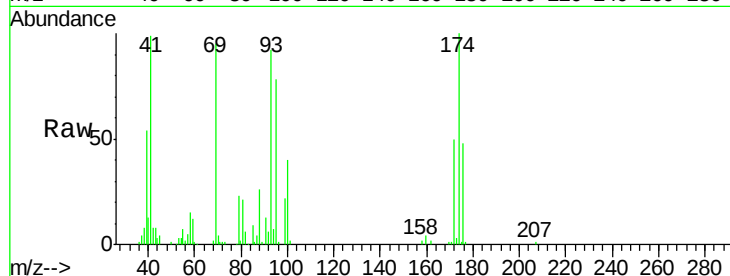
#49
1,4-Dioxane
Concen: 444.521 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. -0.01 min
Lab File: VY002530.D
Acq: 04 May 2020 11:13

Instrument :
MSVOA_Y
ClientSampleId :
VY0504SBS01

Tot Ion	88	Resp	11190
Ion Ratio	Lower	Upper	
88	100		
43	33.6	22.8	34.2
58	61.2	51.4	77.2

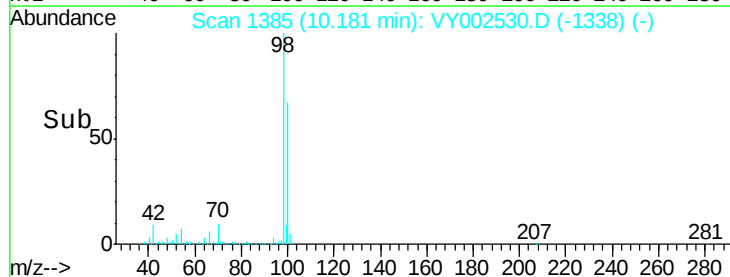
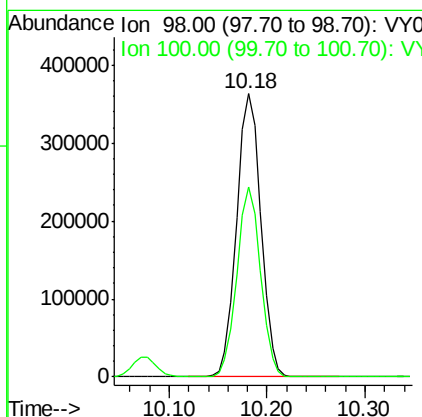
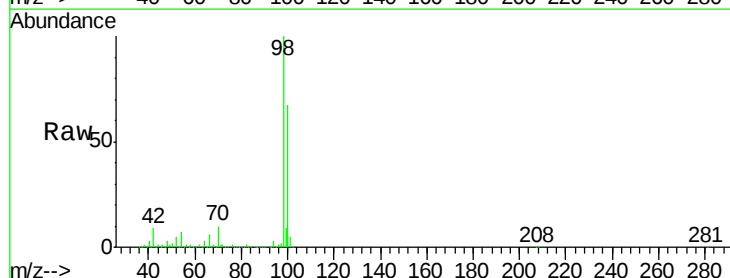
Manual Integrations
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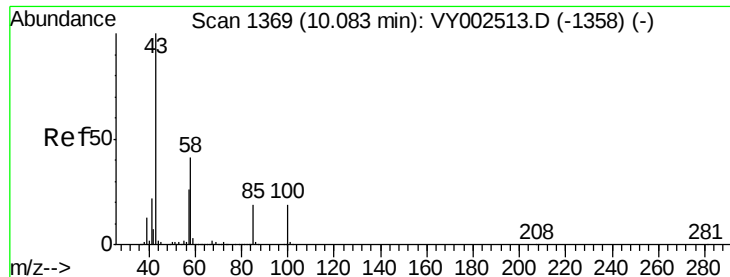
MMDadoda
5/5/2020 11:28:59 AM



#50
Toluene-d8
Concen: 49.669 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.01 min
Lab File: VY002530.D
Acq: 04 May 2020 11:13

Tgt Ion	98	Resp	627297
Ion Ratio	Lower	Upper	
98	100		
100	65.2	52.2	78.2





#51

4-Methyl-2-Pentanone

Concen: 103.950 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. -0.01 min

Lab File: VY002530.D

Acq: 04 May 2020 11:13

Instrument :

MSVOA_Y

ClientSampleId :

VY0504SBS01

Tot Ion: 43 Resp: 244695

Ion Ratio Lower Upper

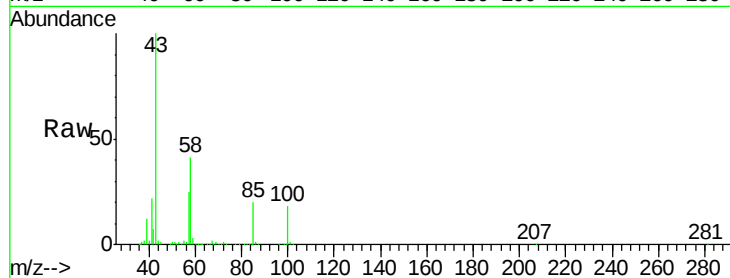
43 100

58 41.7 33.2 49.8

Manual Integrations
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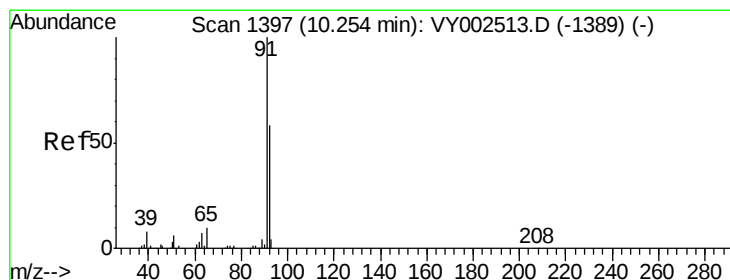
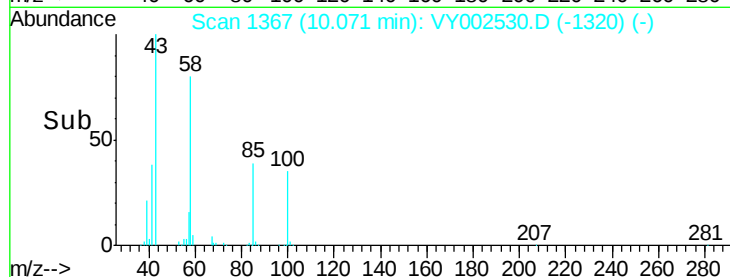
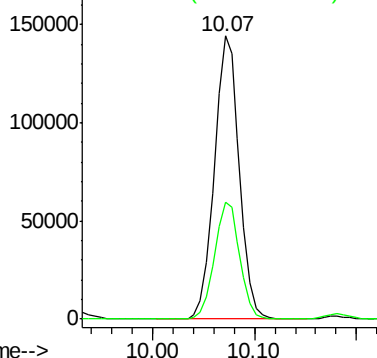
MMDadoda

5/5/2020 11:28:59 AM



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#52

Toluene

Concen: 19.080 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. -0.01 min

Lab File: VY002530.D

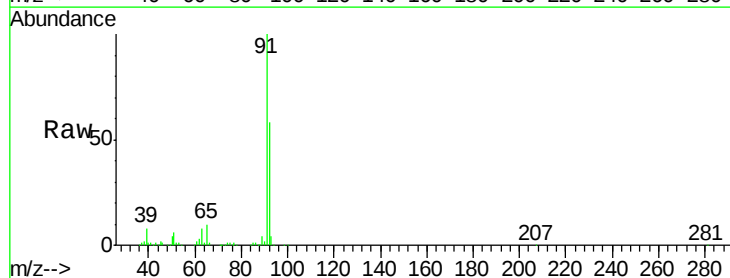
Acq: 04 May 2020 11:13

Tgt Ion: 92 Resp: 167895

Ion Ratio Lower Upper

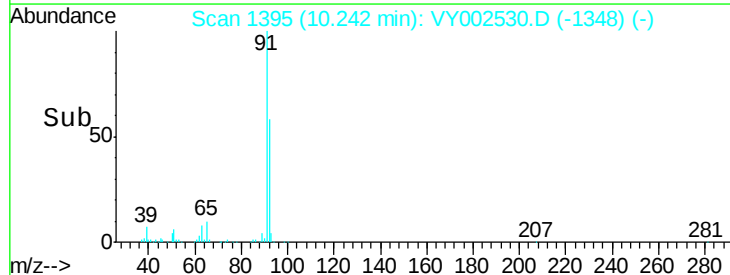
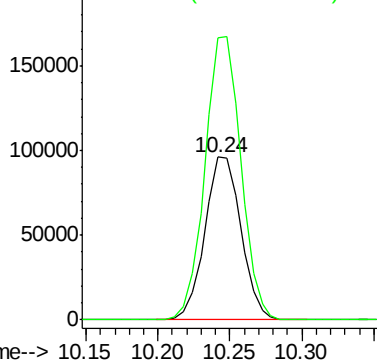
92 100

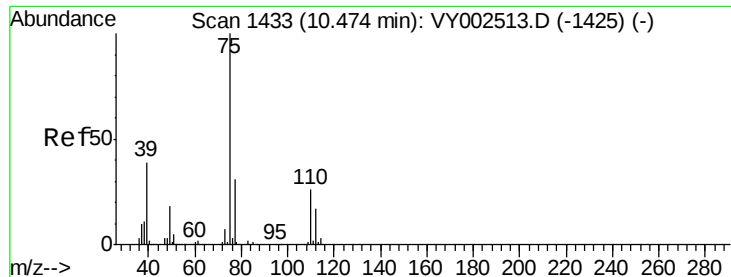
91 172.5 139.3 208.9



Abundance Ion 92.00 (91.70 to 92.70): VY0

Ion 91.00 (90.70 to 91.70): VY0





#53

t-1,3-Dichloropropene

Concen: 19.746 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.01 min

Lab File: VY002530.D

Acq: 04 May 2020 11:13

Instrument :

MSVOA_Y

ClientSampleId :

VY0504SBS01

Tot Ion: 75 Resp: 95642

Ion Ratio Lower Upper

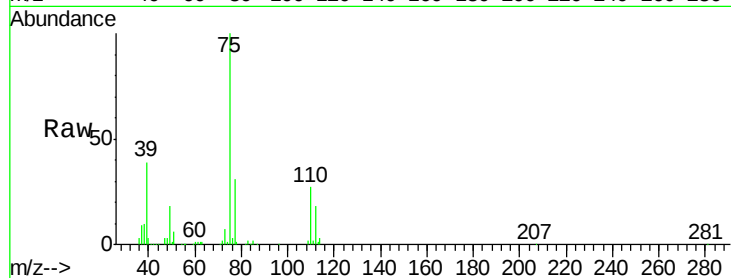
75 100

77 31.2 25.0 37.6

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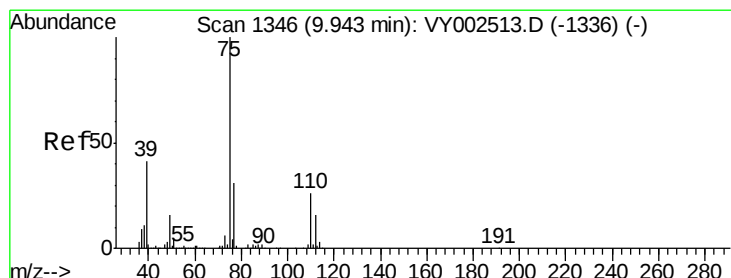
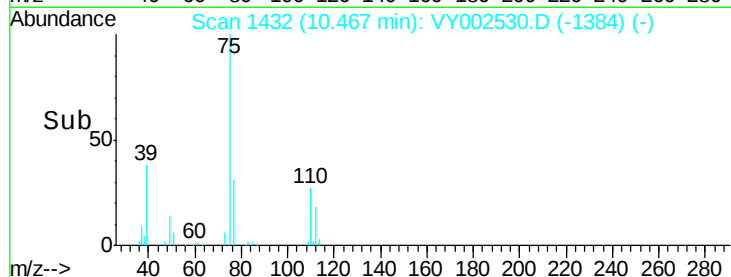
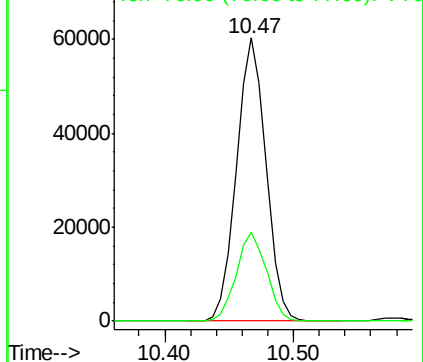
MMDadoda

5/5/2020 11:28:59 AM



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0



#54

cis-1,3-Dichloropropene

Concen: 19.615 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.01 min

Lab File: VY002530.D

Acq: 04 May 2020 11:13

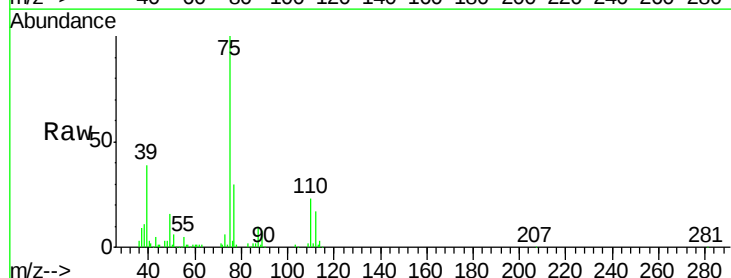
Tgt Ion: 75 Resp: 109836

Ion Ratio Lower Upper

75 100

77 29.7 25.1 37.7

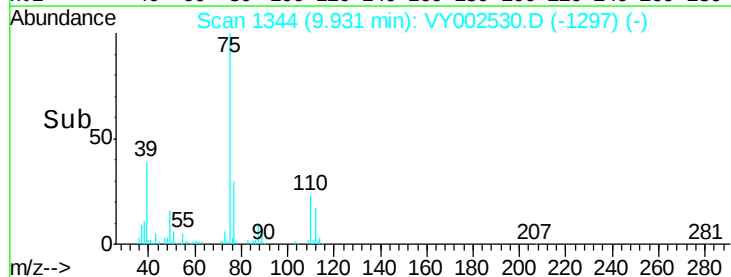
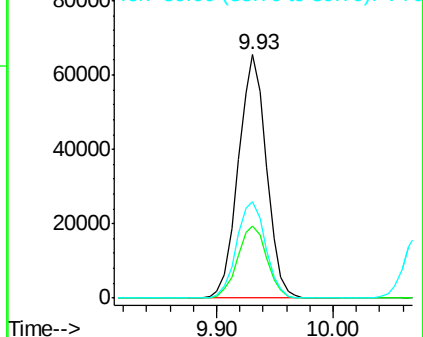
39 39.5 32.7 49.1

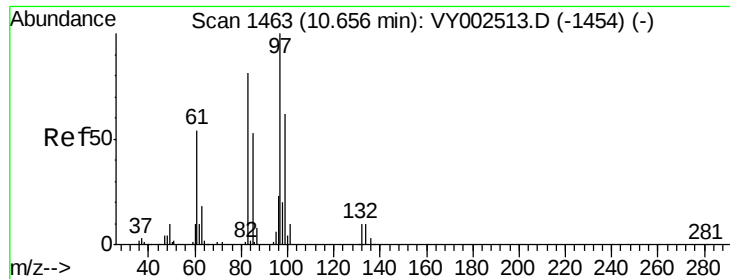


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0





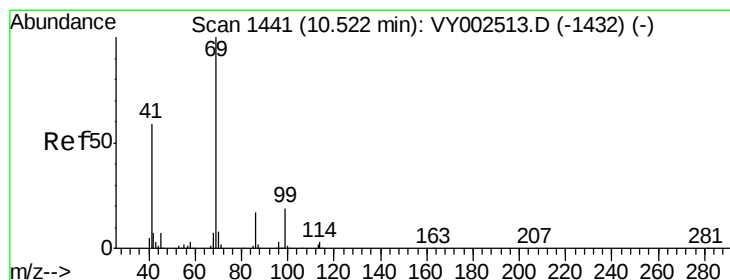
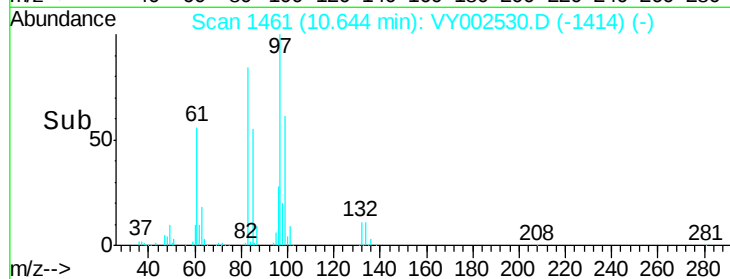
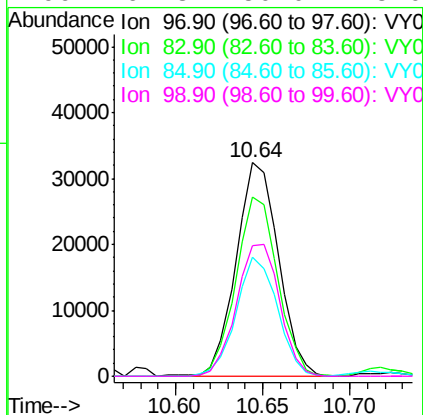
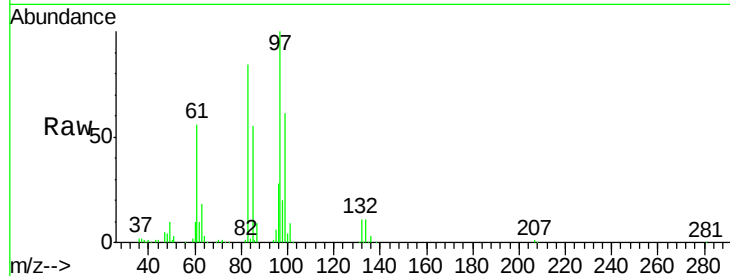
#55
 1,1,2-Trichloroethane
 Concen: 19.599 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: VY002530.D
 Acq: 04 May 2020 11:13

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0504SBS01

Tot Ion:	97	Resp:	54339
Ion	Ratio	Lower	Upper
97	100		
83	84.2	65.1	97.7
85	55.6	42.7	64.1
99	61.3	50.0	75.0

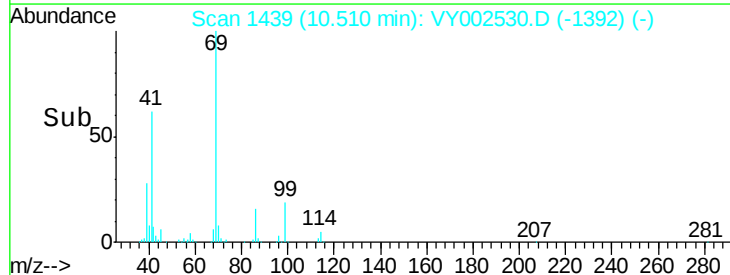
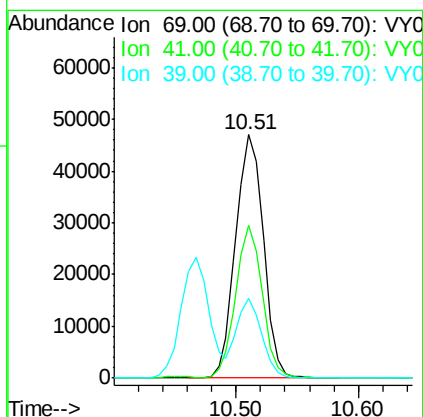
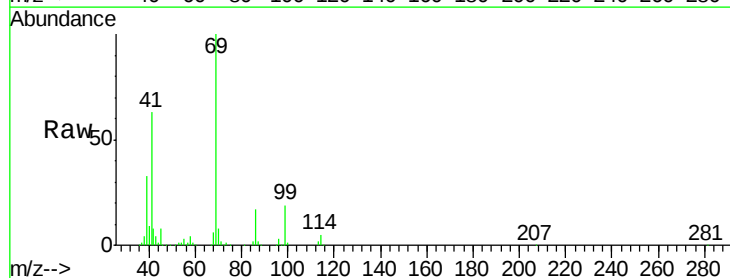
Manual Integrations
 APPROVED

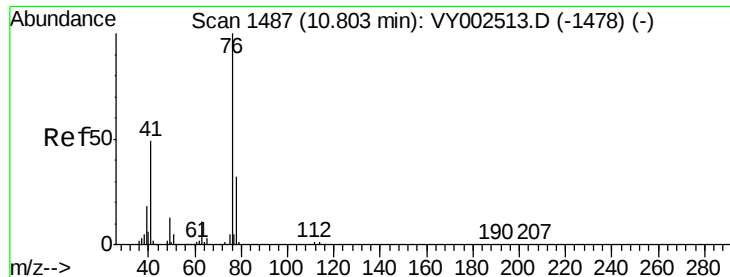
MMDadoda
 5/5/2020 11:28:59 AM



#56
 Ethyl methacrylate
 Concen: 20.137 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: VY002530.D
 Acq: 04 May 2020 11:13

Tgt Ion:	69	Resp:	74274
Ion	Ratio	Lower	Upper
69	100		
41	59.9	48.6	73.0
39	30.0	25.0	37.4





#57

1,3-Dichloropropane

Concen: 19.817 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.01 min

Lab File: VY002530.D

Acq: 04 May 2020 11:13

Instrument :

MSVOA_Y

ClientSampleId :

VY0504SBS01

Tot Ion: 76 Resp: 93178

Ion Ratio Lower Upper

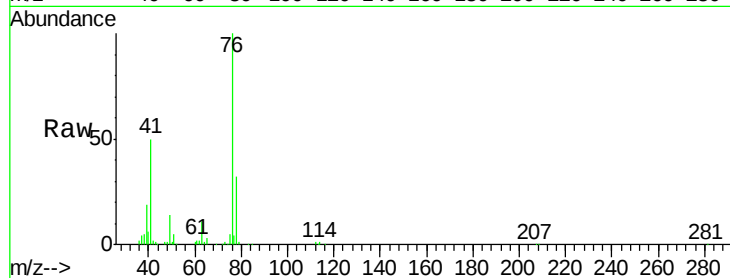
76 100

78 32.0 25.4 38.2

Manual Integrations
APPROVED

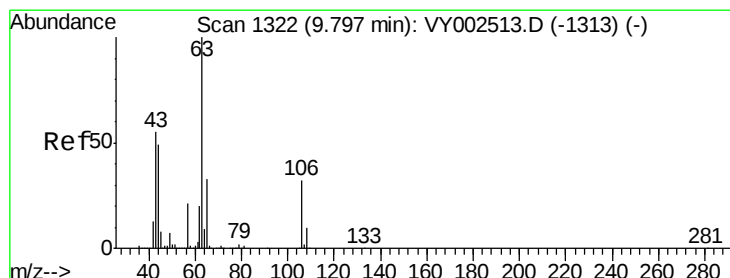
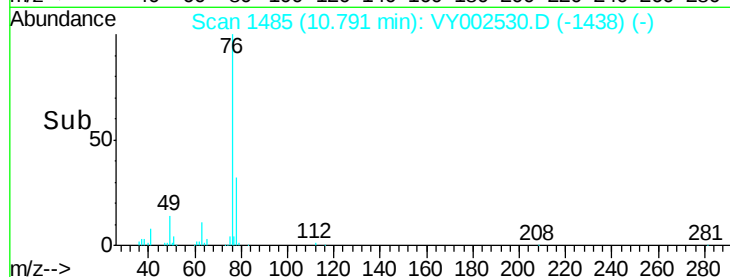
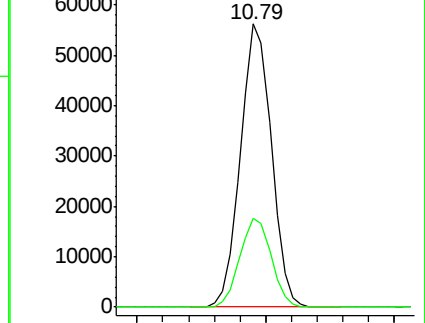
MMDadoda

5/5/2020 11:28:59 AM



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 105.013 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.01 min

Lab File: VY002530.D

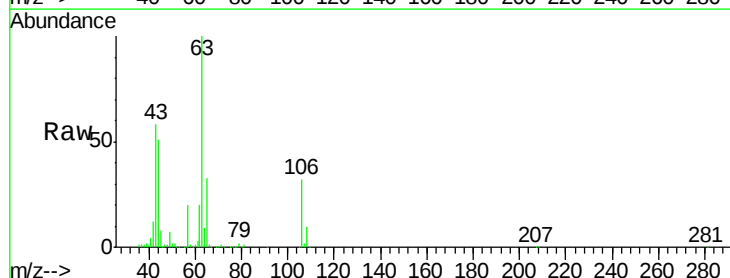
Acq: 04 May 2020 11:13

Tgt Ion: 63 Resp: 204258

Ion Ratio Lower Upper

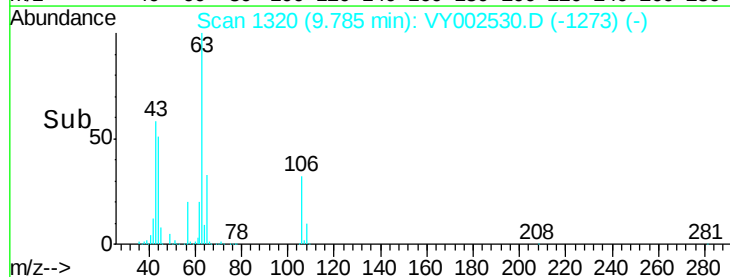
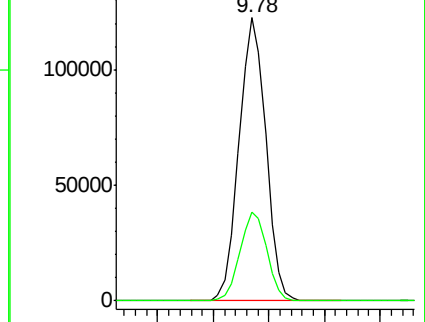
63 100

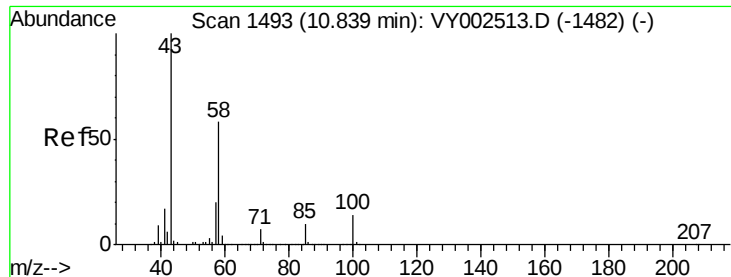
106 31.5 25.2 37.8



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V





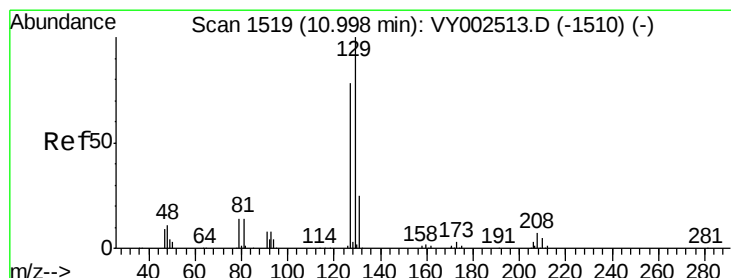
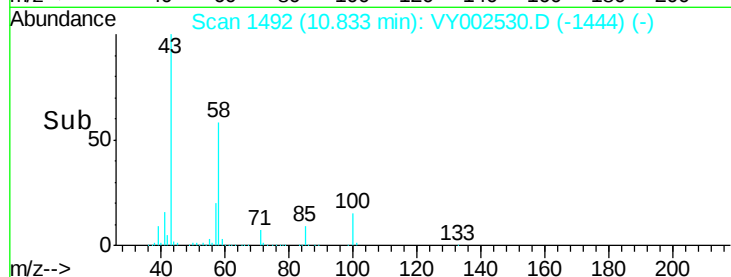
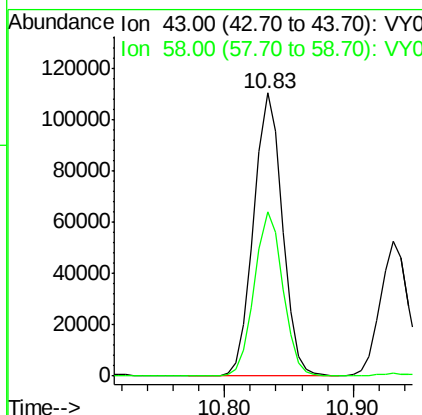
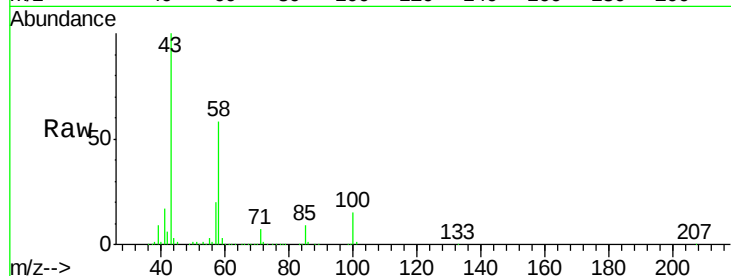
#59
2-Hexanone
Concen: 104.921 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.01 min
Lab File: VY002530.D
Acq: 04 May 2020 11:13

Instrument :
MSVOA_Y
ClientSampleId :
VY0504SBS01

Tot Ion	43	Resp	169990
Ion Ratio	100	Lower	Upper
43	100		
58	57.8	29.1	87.3

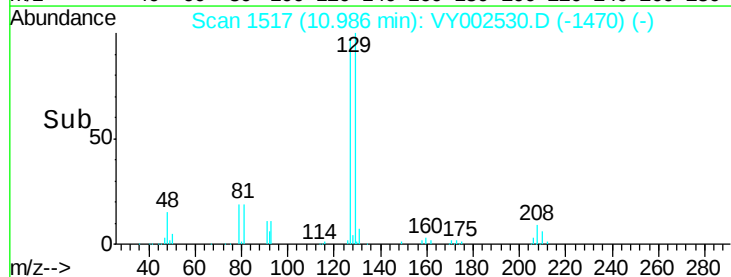
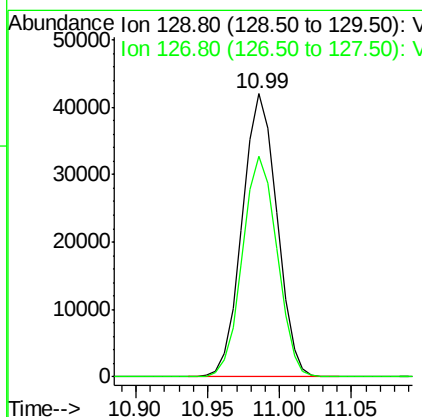
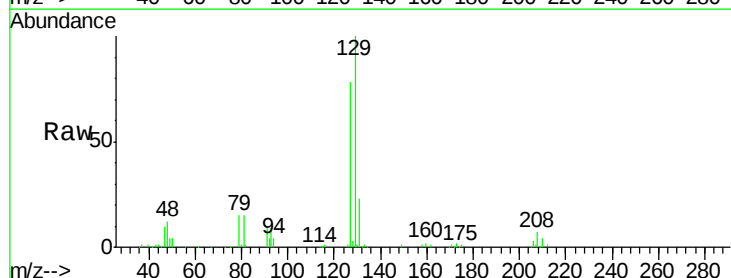
Manual Integrations
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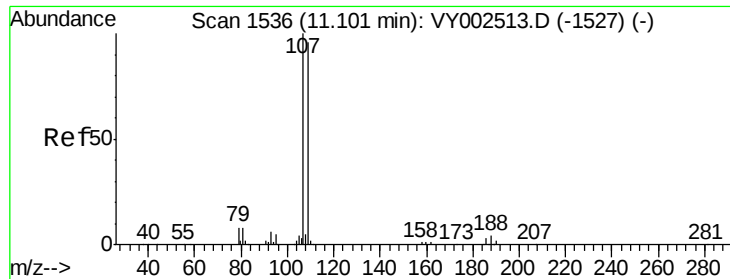
MMDadoda
5/5/2020 11:28:59 AM



#60
Dibromochloromethane
Concen: 19.946 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.01 min
Lab File: VY002530.D
Acq: 04 May 2020 11:13

Tgt Ion	129	Resp	70337
Ion Ratio	100	Lower	Upper
129	100		
127	77.5	39.0	117.0





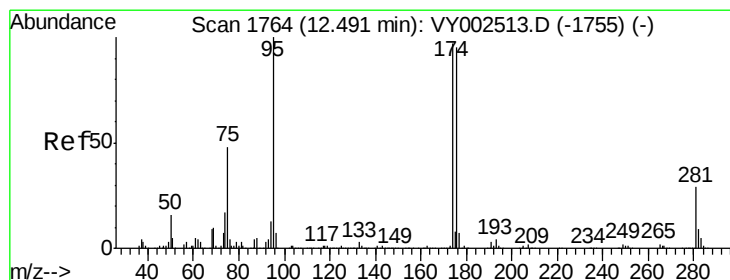
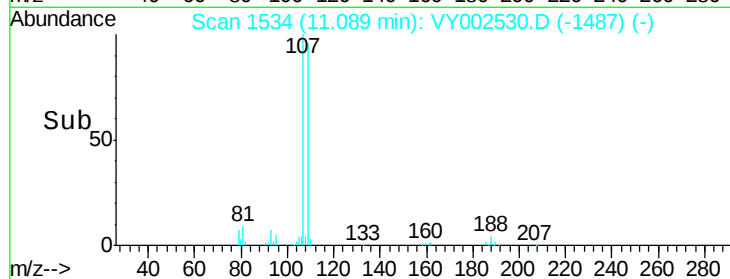
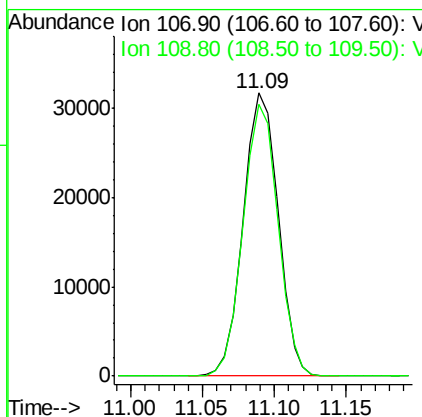
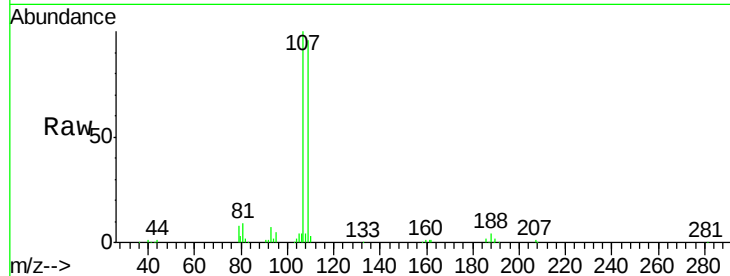
#61
 1,2-Dibromoethane
 Concen: 19.441 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.01 min
 Lab File: VY002530.D
 Acq: 04 May 2020 11:13

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0504SBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	96.0	75.8	113.8

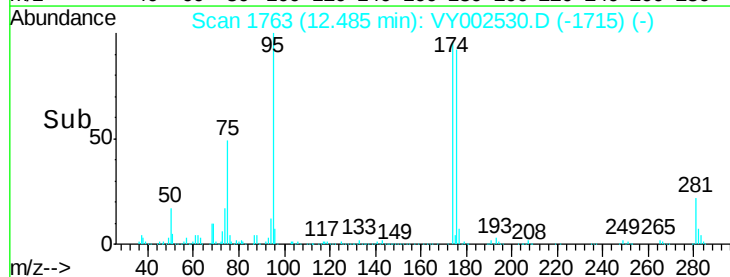
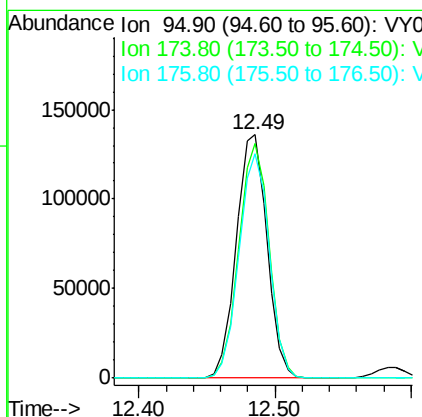
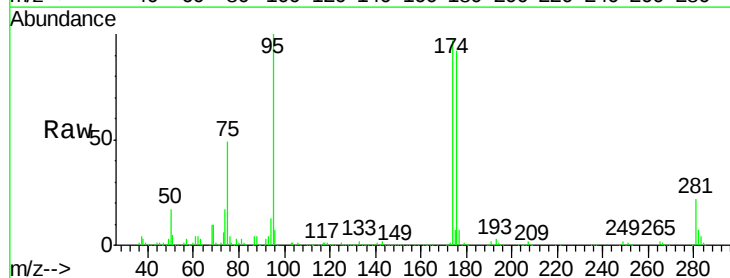
Manual Integrations
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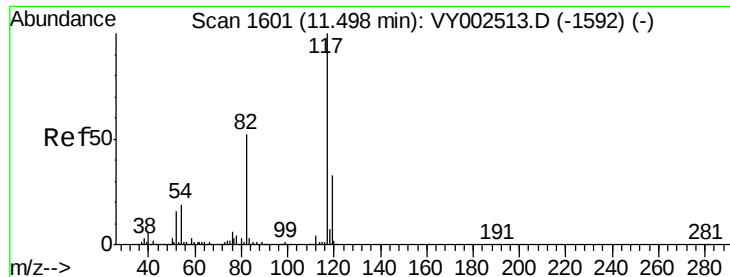
MMDadoda
 5/5/2020 11:28:59 AM



#62
 4-Bromofluorobenzene
 Concen: 49.845 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. -0.01 min
 Lab File: VY002530.D
 Acq: 04 May 2020 11:13

Tgt Ion	Ratio	Lower	Upper
95	100		
174	95.2	0.0	188.8
176	91.4	0.0	183.2





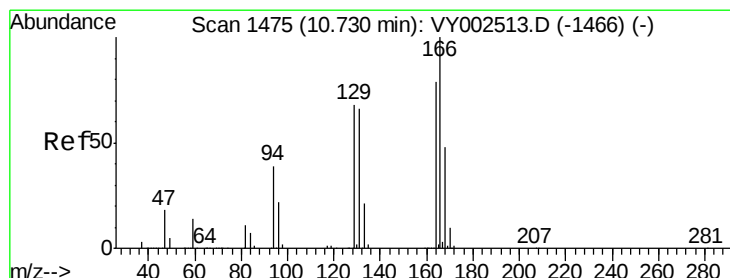
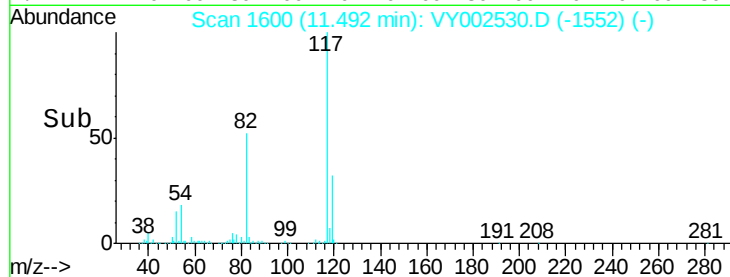
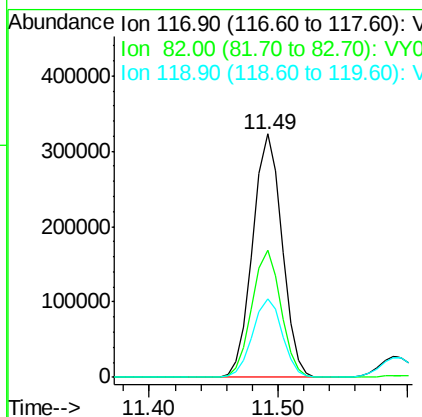
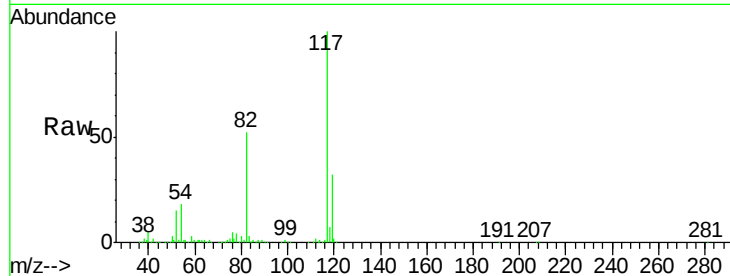
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY002530.D
Acq: 04 May 2020 11:13

Instrument :
MSVOA_Y
ClientSampleId :
VY0504SBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	507517		
82	52.2	41.3	61.9	
119	32.3	26.0	39.0	

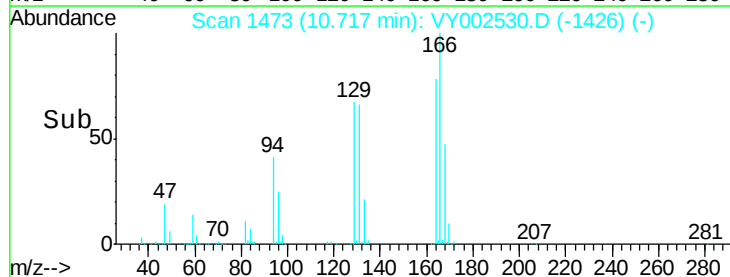
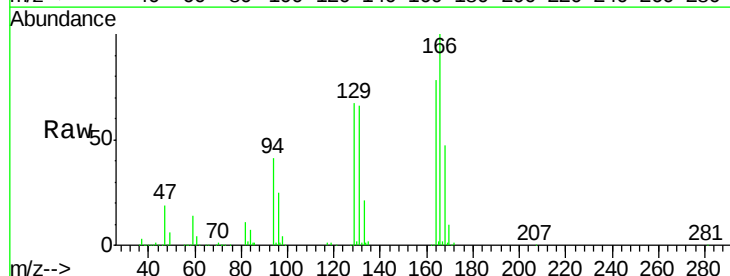
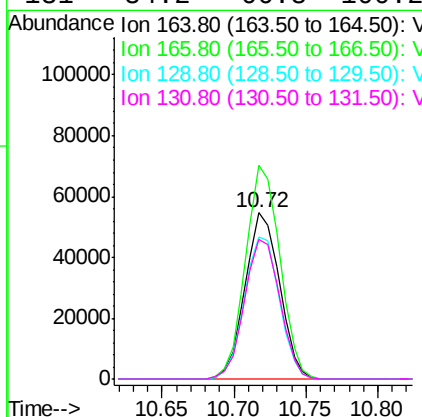
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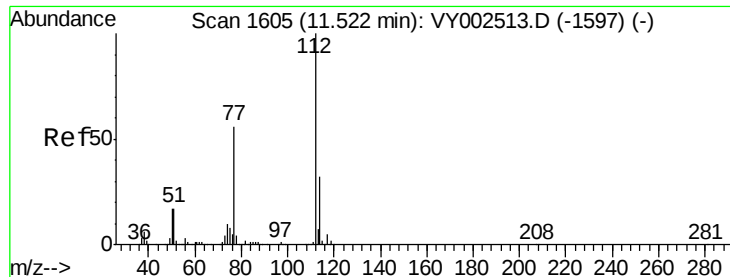
MMDadoda
5/5/2020 11:28:59 AM



#64
Tetrachloroethene
Concen: 20.075 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.01 min
Lab File: VY002530.D
Acq: 04 May 2020 11:13

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	90522		
166	128.6	100.7	151.1	
129	85.7	68.3	102.5	
131	84.2	66.8	100.2	





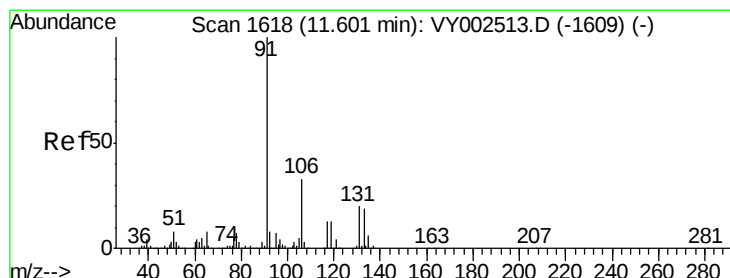
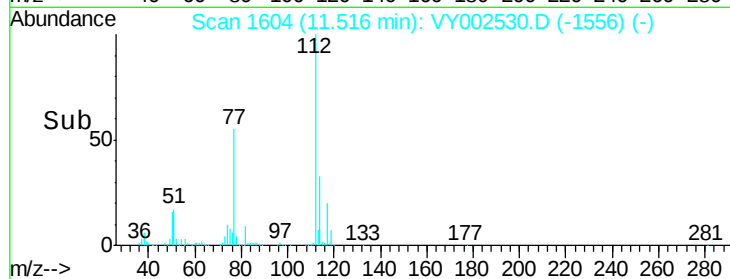
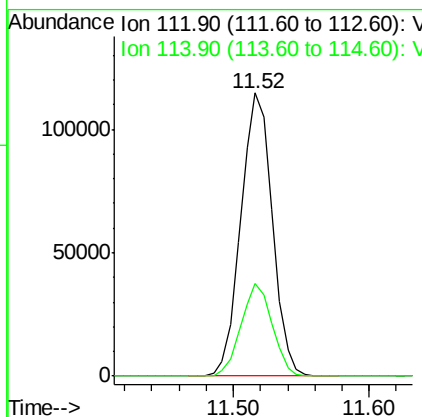
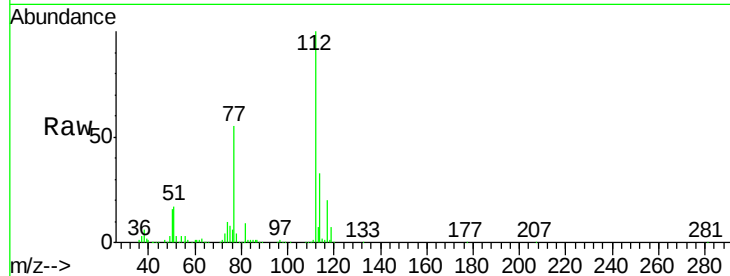
#65
Chlorobenzene
Concen: 19.240 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.01 min
Lab File: VY002530.D
Acq: 04 May 2020 11:13

Instrument :
MSVOA_Y
ClientSampleId :
VY0504SBS01

Tot Ion	Ratio	Resp	Lower	Upper
112	100	185622		
114	32.8	25.8	38.6	

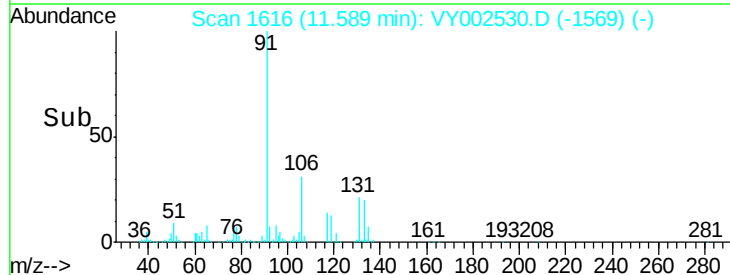
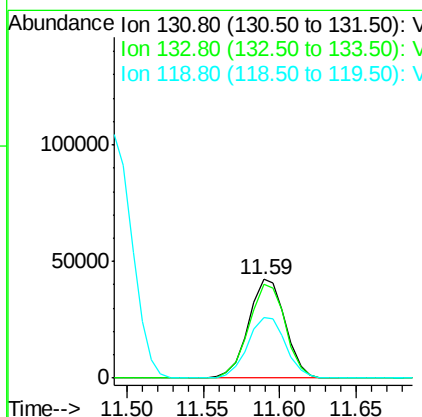
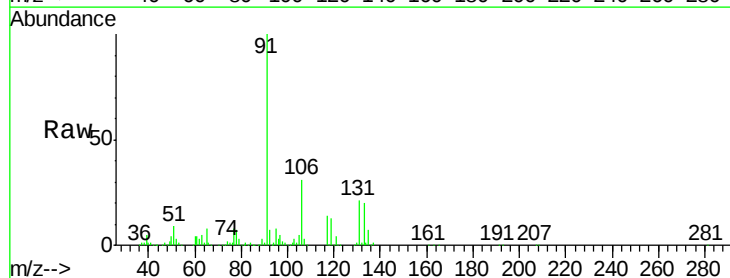
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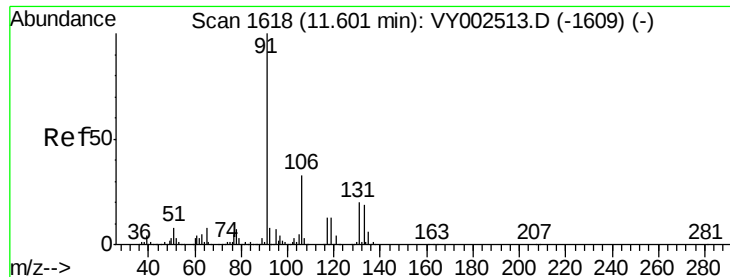
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.824 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.01 min
Lab File: VY002530.D
Acq: 04 May 2020 11:13

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	70995		
133	94.9	48.1	144.4	
119	63.4	31.6	95.0	





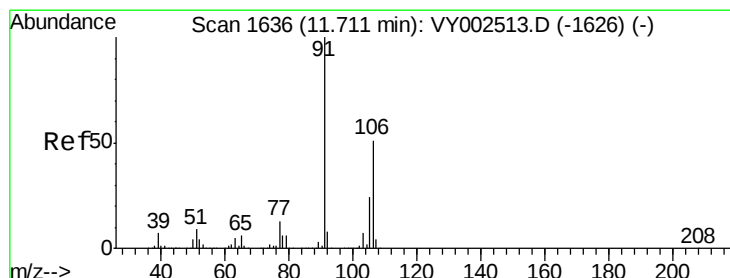
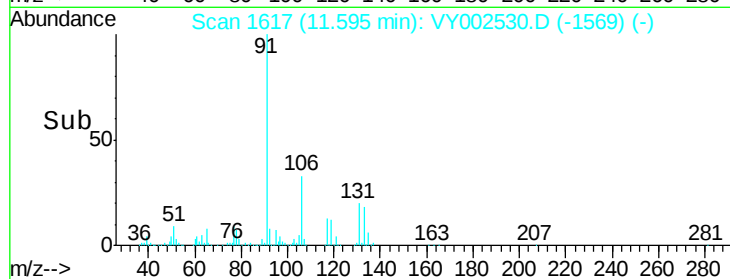
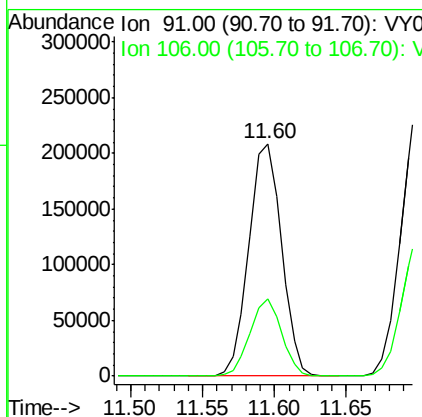
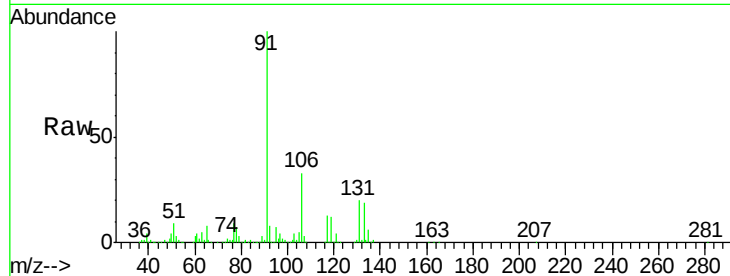
#67
Ethyl Benzene
Concen: 19.382 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. -0.01 min
Lab File: VY002530.D
Acq: 04 May 2020 11:13

Instrument :
MSVOA_Y
ClientSampleId :
VY0504SBS01

Tot Ion: 91 Resp: 328463
Ion Ratio Lower Upper
91 100
106 33.2 26.1 39.1

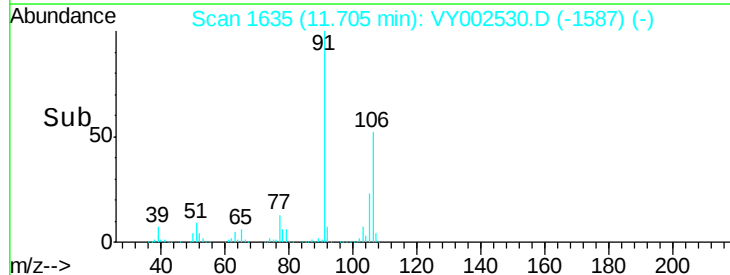
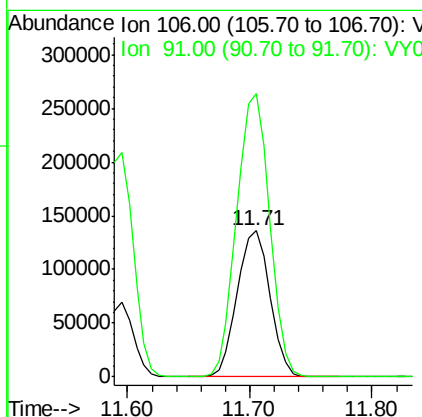
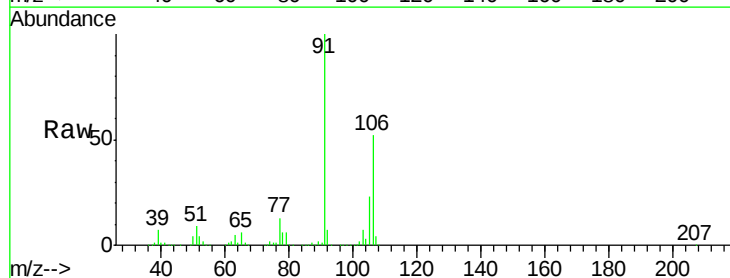
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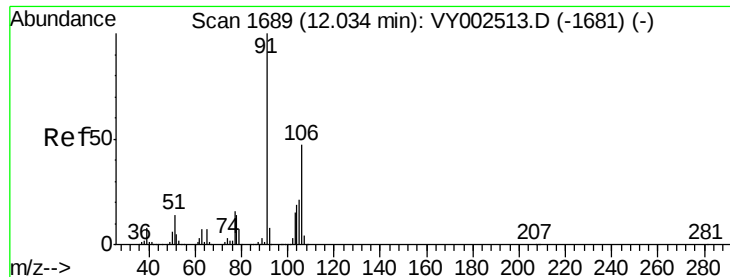
MMDadoda
5/5/2020 11:28:59 AM



#68
m/p-Xylenes
Concen: 38.672 ug/l
RT: 11.71 min Scan# 1635
Delta R.T. -0.01 min
Lab File: VY002530.D
Acq: 04 May 2020 11:13

Tgt Ion: 106 Resp: 253583
Ion Ratio Lower Upper
106 100
91 194.5 155.2 232.8





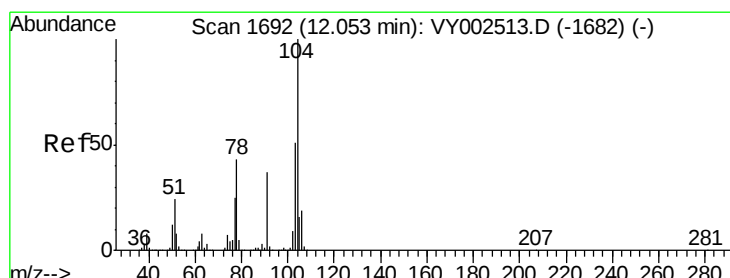
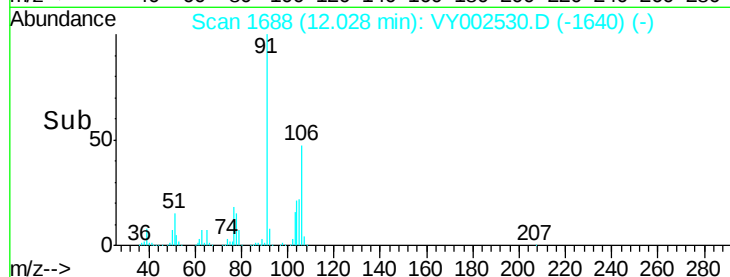
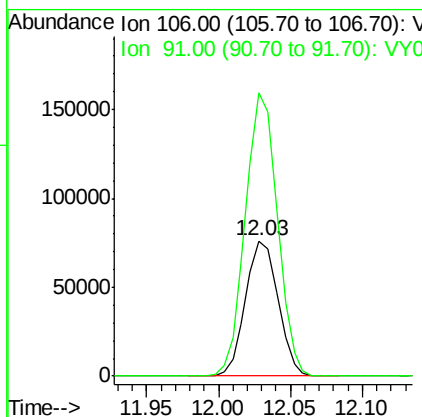
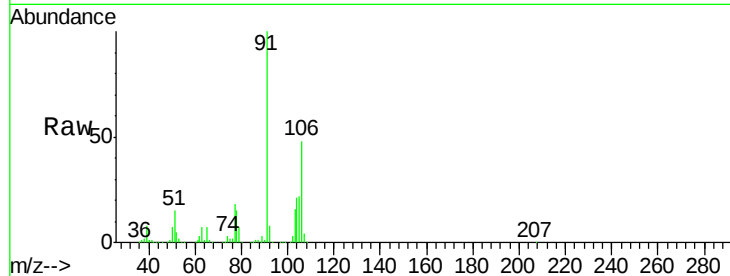
#69
o-Xylene
Concen: 19.461 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.01 min
Lab File: VY002530.D
Acq: 04 May 2020 11:13

Instrument :
MSVOA_Y
ClientSampleId :
VY0504SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	106	100	119484		
91	91	206.0	103.8	311.3	

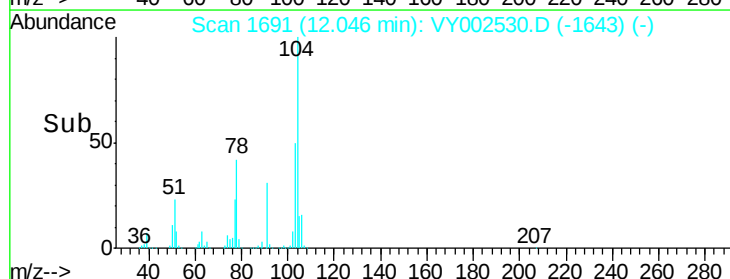
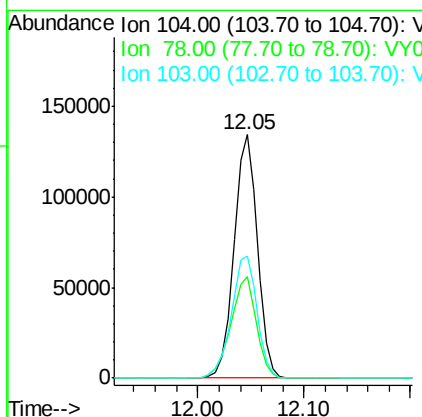
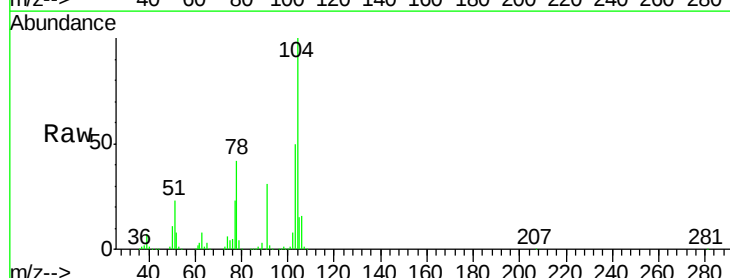
Manual Integrations
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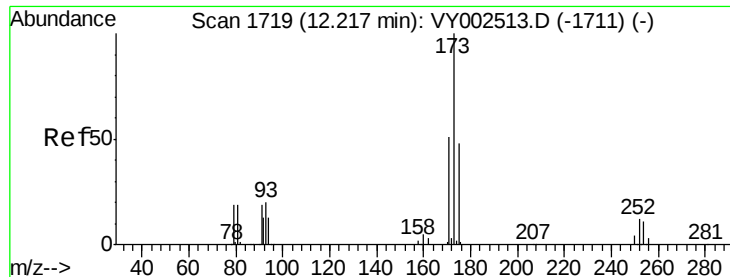
MMDadoda
5/5/2020 11:28:59 AM



#70
Styrene
Concen: 19.704 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. -0.01 min
Lab File: VY002530.D
Acq: 04 May 2020 11:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	104	100	206811		
78	78	45.7	37.4	56.0	
103	103	55.1	43.9	65.9	





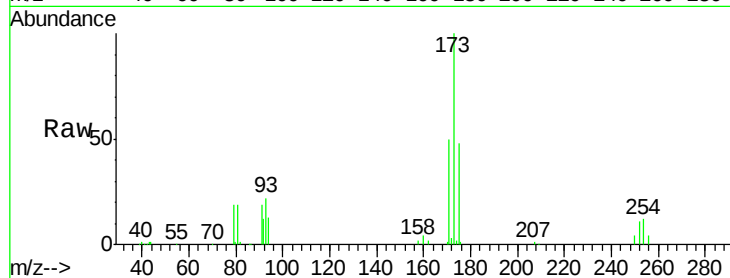
#71
Bromoform
Concen: 21.055 ug/l
RT: 12.21 min Scan# 1718
Delta R.T. -0.01 min
Lab File: VY002530.D
Acq: 04 May 2020 11:13

Instrument :
MSVOA_Y
ClientSampleId :
VY0504SBS01

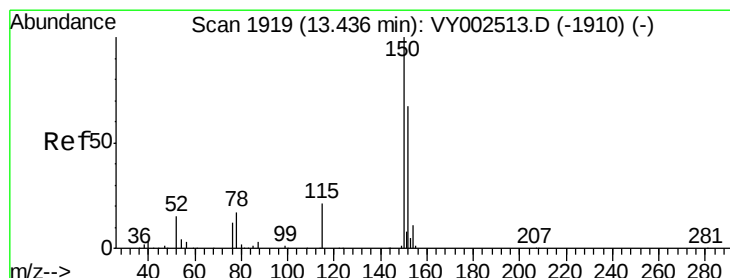
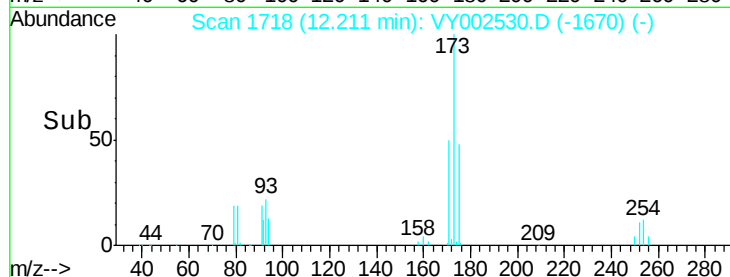
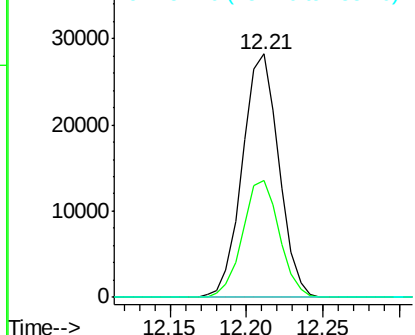
Tot Ion	Ratio	Lower	Upper
173	100		
175	48.3	24.3	72.8
254	0.0	0.2	0.2

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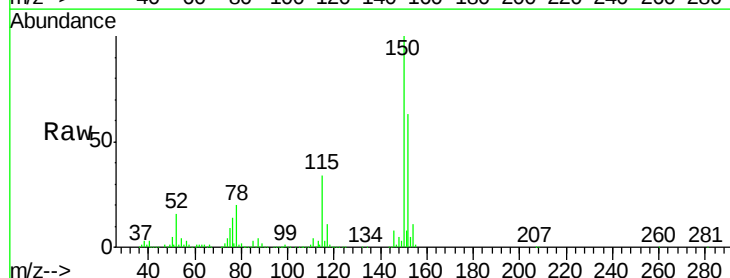


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

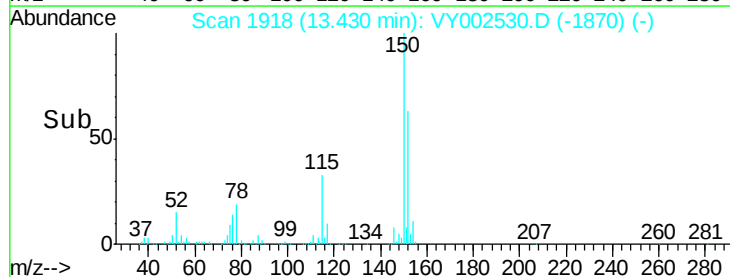
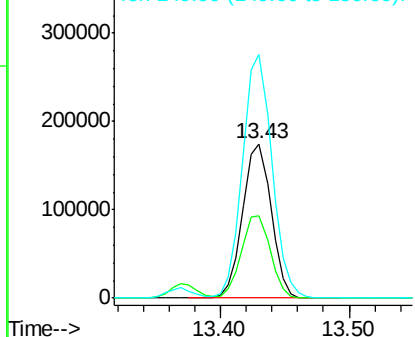


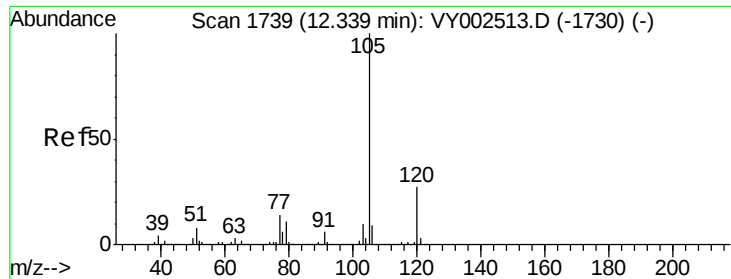
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.01 min
Lab File: VY002530.D
Acq: 04 May 2020 11:13

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.6	27.5	82.4
150	163.2	0.0	346.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.052 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. -0.01 min

Lab File: VY002530.D

Acq: 04 May 2020 11:13

Instrument :

MSVOA_Y

ClientSampleId :

VY0504SBS01

Tot Ion:105 Resp: 330222

Ion Ratio Lower Upper

105 100

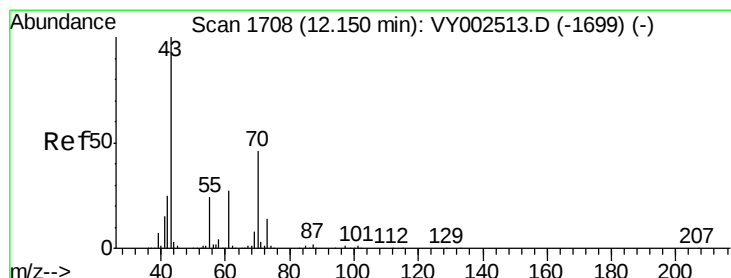
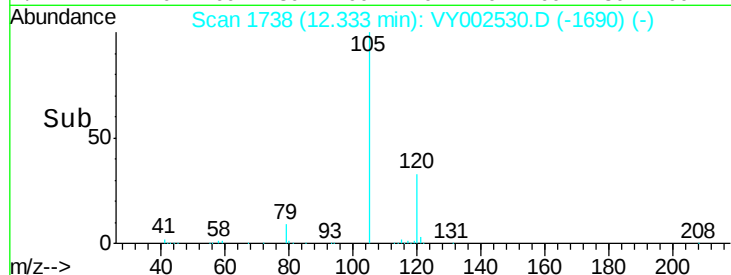
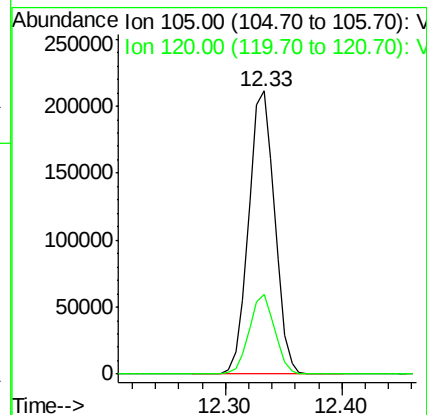
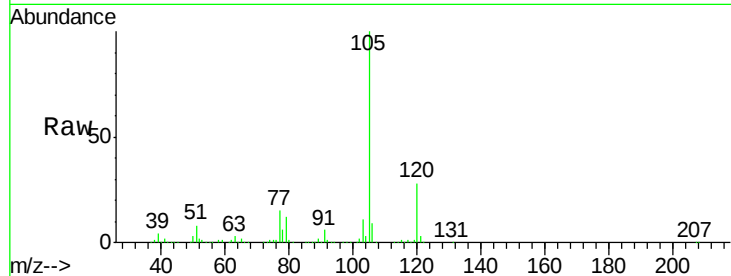
120 27.6 13.8 41.3

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#74

N-ethyl acetate

Concen: 20.421 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.01 min

Lab File: VY002530.D

Acq: 04 May 2020 11:13

Tgt Ion: 43 Resp: 85143

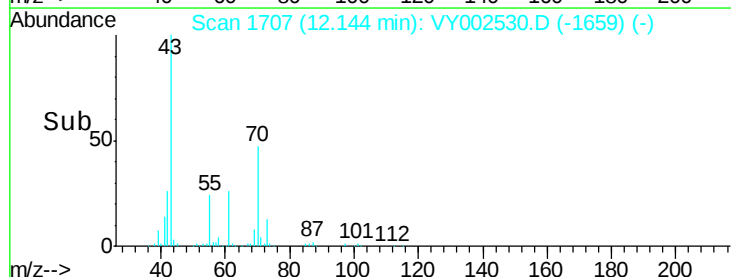
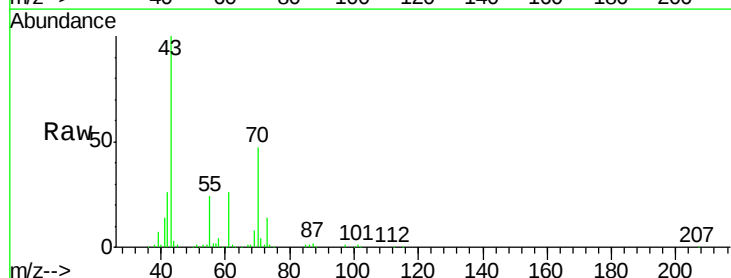
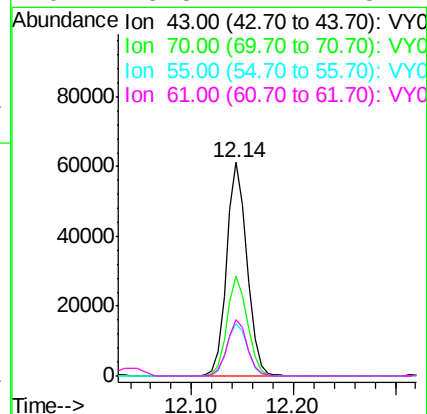
Ion Ratio Lower Upper

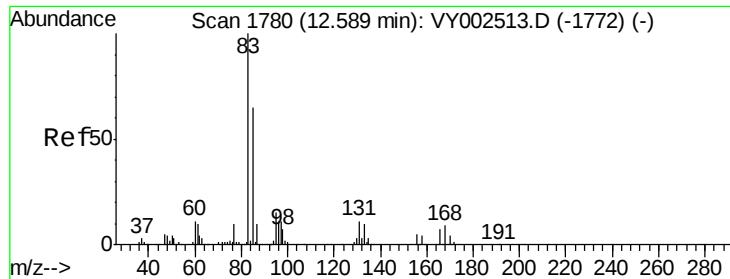
43 100

70 46.5 36.7 55.1

55 24.8 19.2 28.8

61 25.8 21.1 31.7





#75

1,1,2,2-Tetrachloroethane

Concen: 19.350 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.01 min

Lab File: VY002530.D

Acq: 04 May 2020 11:13

Instrument :

MSVOA_Y

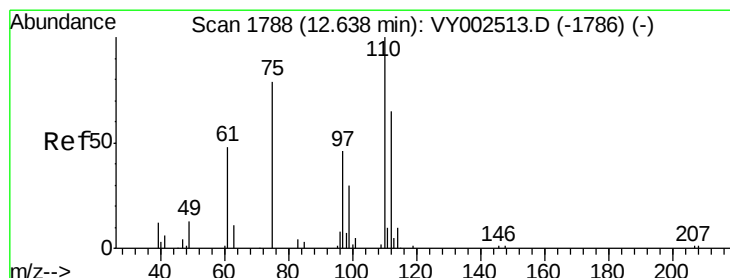
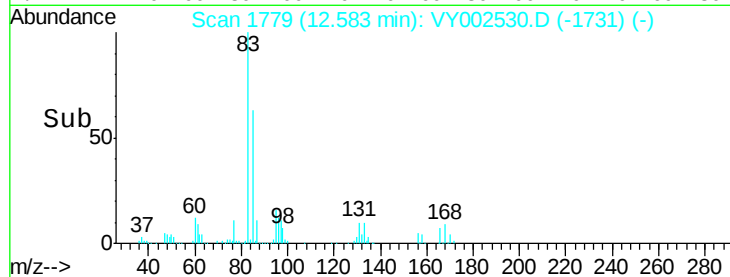
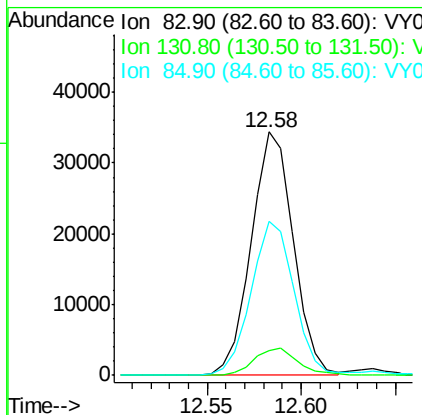
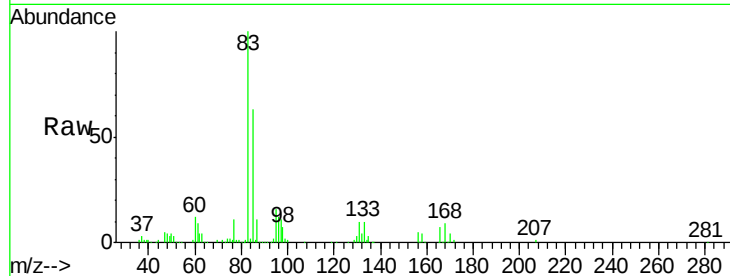
ClientSampleId :

VY0504SBS01

Tot Ion:	83	Resp:	53337
Ion Ratio	Lower	Upper	
83	100		
131	11.8	5.9	17.8
85	64.3	31.9	95.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 20.121 ug/l m

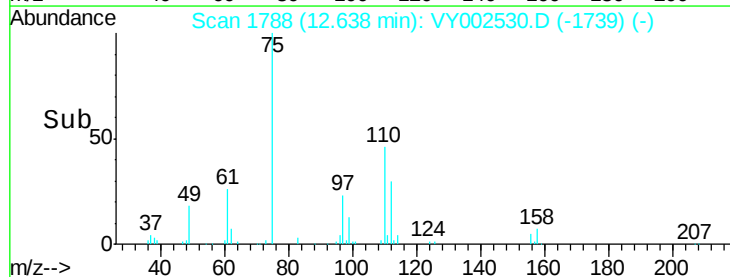
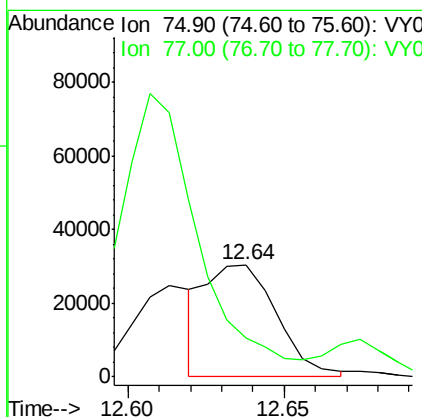
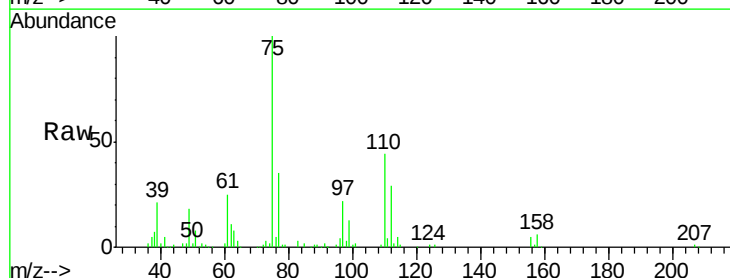
RT: 12.64 min Scan# 1788

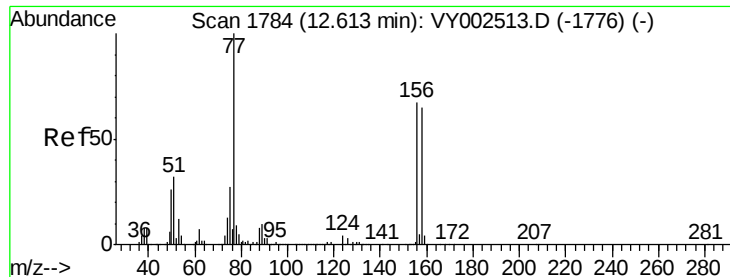
Delta R.T. -0.00 min

Lab File: VY002530.D

Acq: 04 May 2020 11:13

Tgt Ion:	75	Resp:	47820
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 19.223 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.01 min

Lab File: VY002530.D

Acq: 04 May 2020 11:13

Instrument :

MSVOA_Y

ClientSampleId :

VY0504SBS01

Tot Ion:156 Resp: 83242

Ion Ratio Lower Upper

156 100

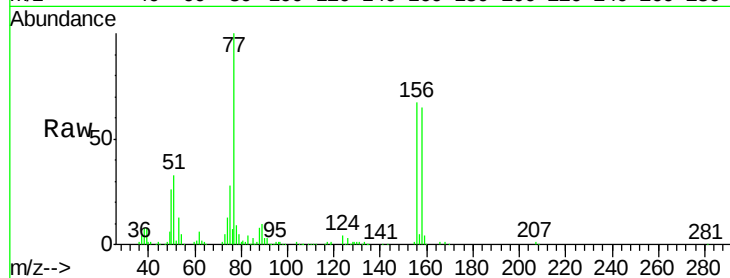
77 165.1 82.0 245.8

158 96.5 48.5 145.6

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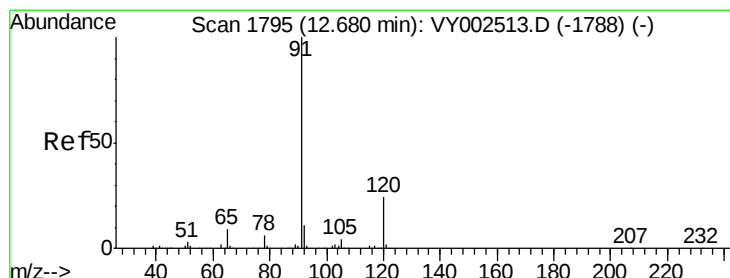
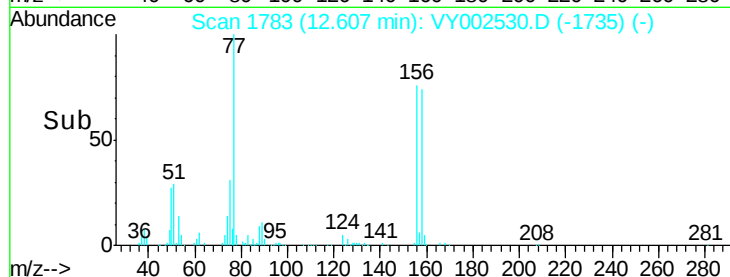
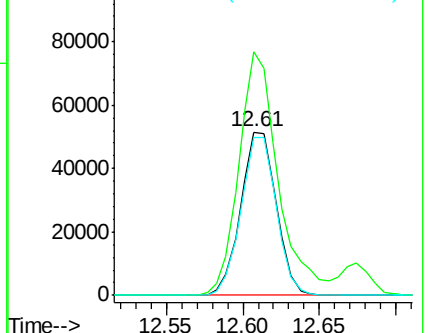
5/5/2020 11:28:59 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.146 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. -0.01 min

Lab File: VY002530.D

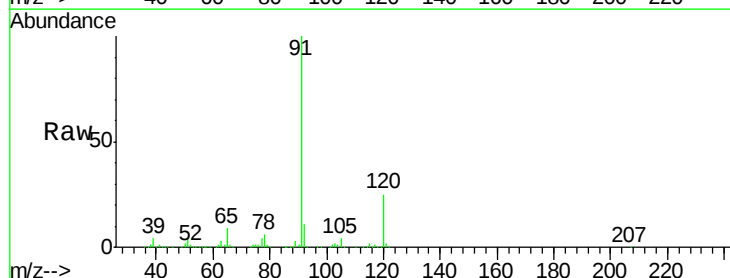
Acq: 04 May 2020 11:13

Tgt Ion: 91 Resp: 385104

Ion Ratio Lower Upper

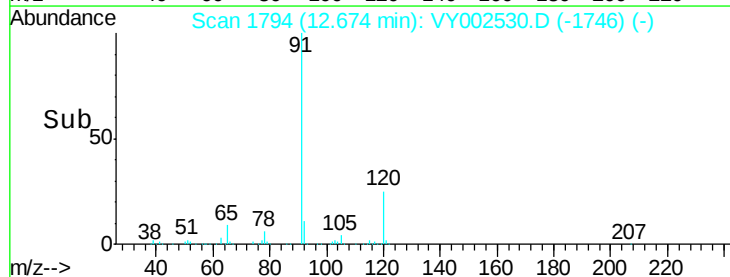
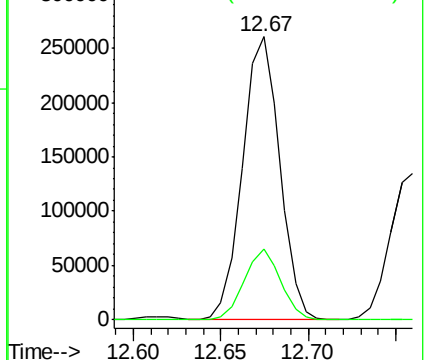
91 100

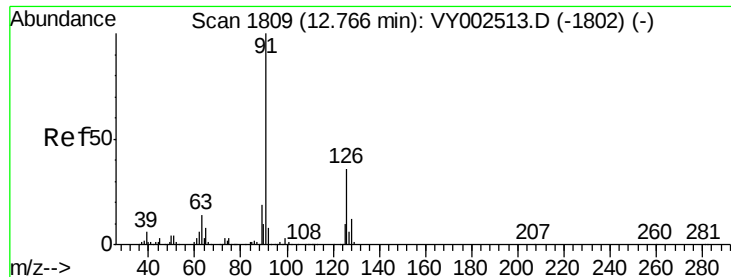
120 24.5 12.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.952 ug/l

RT: 12.76 min Scan# 1808

Delta R.T. -0.01 min

Lab File: VY002530.D

Acq: 04 May 2020 11:13

Instrument :

MSVOA_Y

ClientSampleId :

VY0504SBS01

Tot Ion: 91 Resp: 211160

Ion Ratio Lower Upper

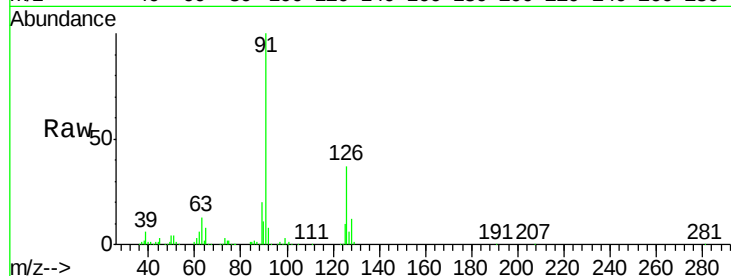
91 100

126 36.2 18.4 55.2

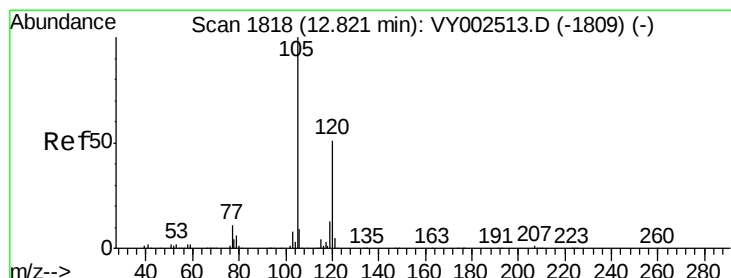
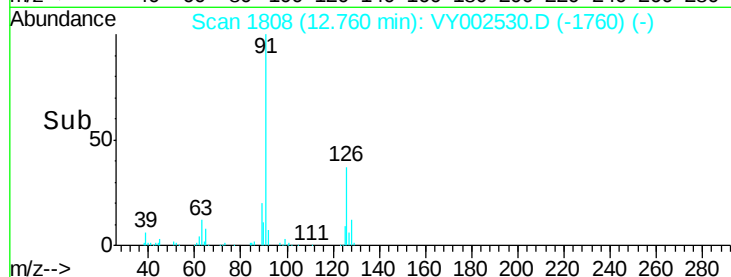
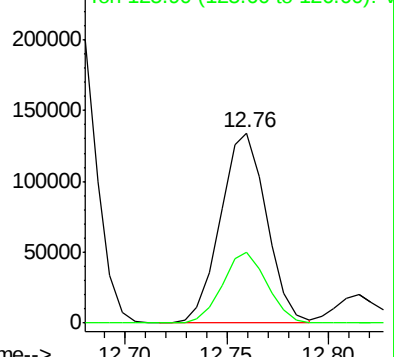
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Abundance Ion 91.00 (90.70 to 91.70): VY002513.D (-1802) (-)



#80

1,3,5-Trimethylbenzene

Concen: 19.249 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. -0.01 min

Lab File: VY002530.D

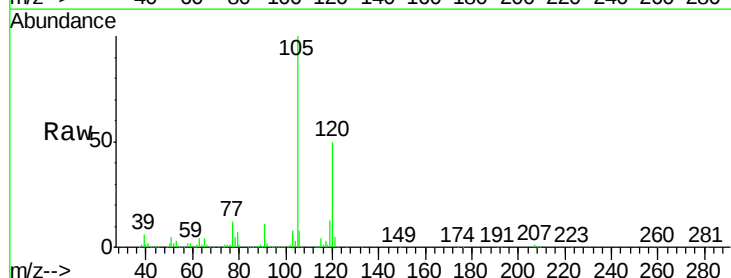
Acq: 04 May 2020 11:13

Tgt Ion: 105 Resp: 276546

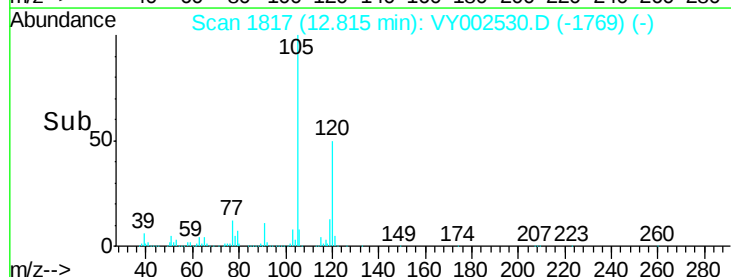
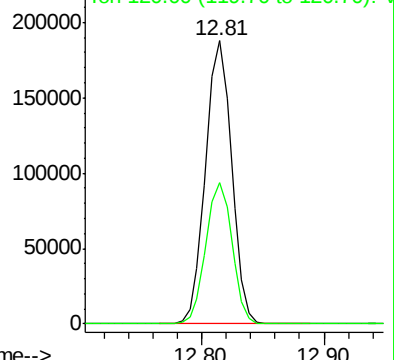
Ion Ratio Lower Upper

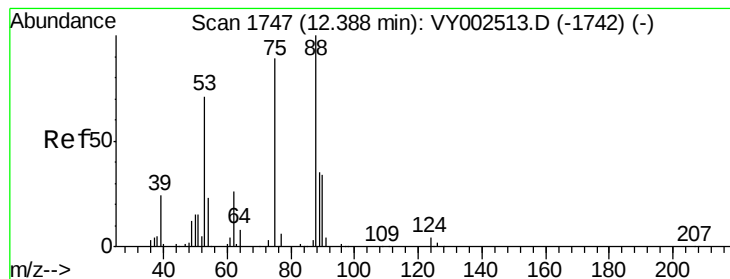
105 100

120 50.2 25.3 75.9



Abundance Ion 105.00 (104.70 to 105.70): VY002513.D (-1809) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 20.239 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. -0.01 min

Lab File: VY002530.D

Acq: 04 May 2020 11:13

Instrument :

MSVOA_Y

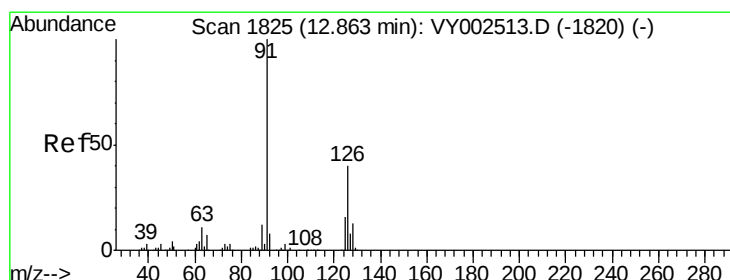
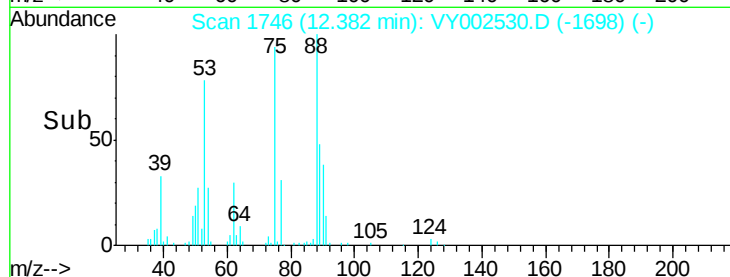
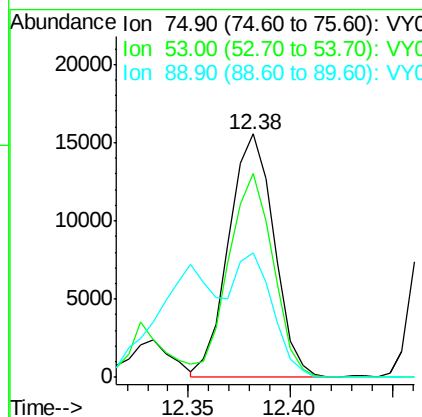
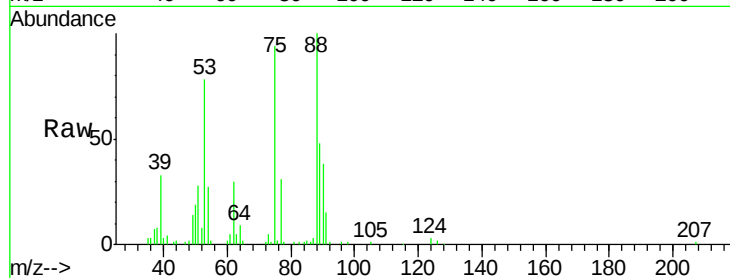
ClientSampleId :

VY0504SBS01

Tot Ion:	75	Resp:	23988
Ion	Ratio	Lower	Upper
75	100		
53	82.2	67.4	101.0
89	40.4	37.4	56.0

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#82

4-Chlorotoluene

Concen: 19.070 ug/l

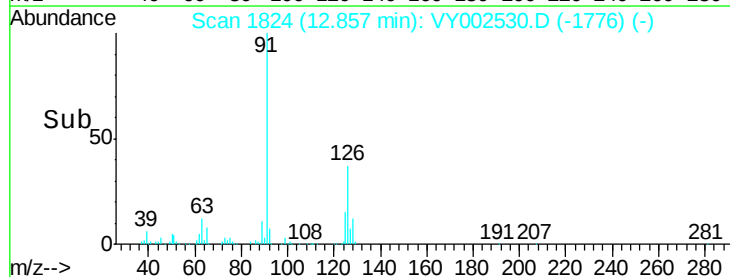
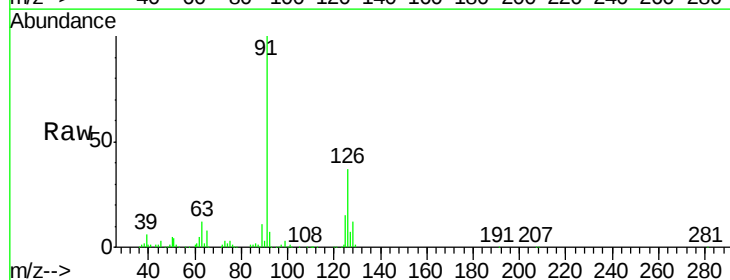
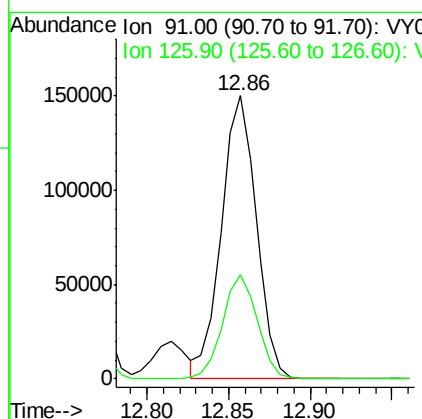
RT: 12.86 min Scan# 1824

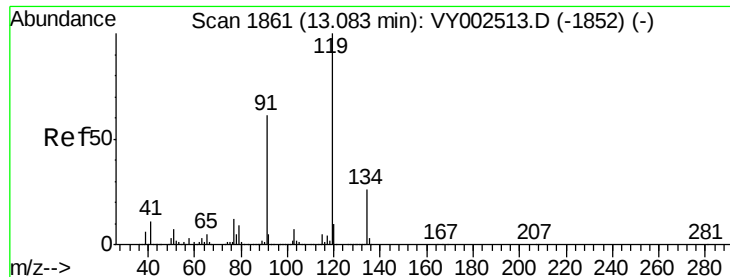
Delta R.T. -0.01 min

Lab File: VY002530.D

Acq: 04 May 2020 11:13

Tgt Ion:	91	Resp:	223179
Ion	Ratio	Lower	Upper
91	100		
126	36.6	18.5	55.5





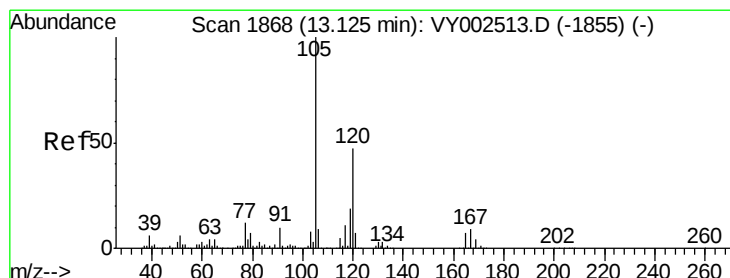
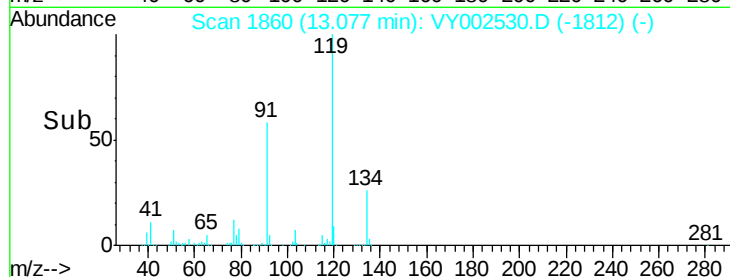
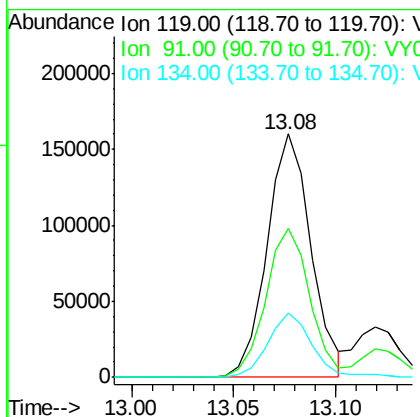
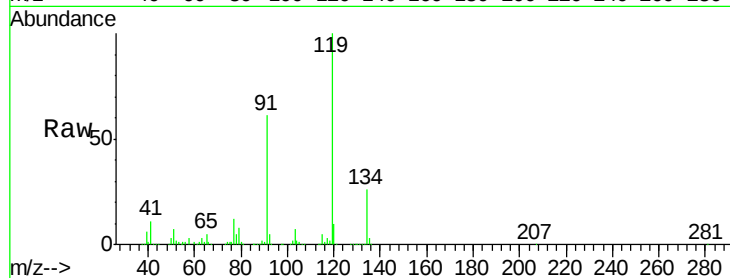
#83
tert-Butylbenzene
Concen: 19.070 ug/l
RT: 13.08 min Scan# 1860
Delta R.T. -0.01 min
Lab File: VY002530.D
Acq: 04 May 2020 11:13

Instrument :
MSVOA_Y
ClientSampleId :
VY0504SBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	240228		
91	61.1	30.6	91.6	
134	26.8	13.5	40.4	

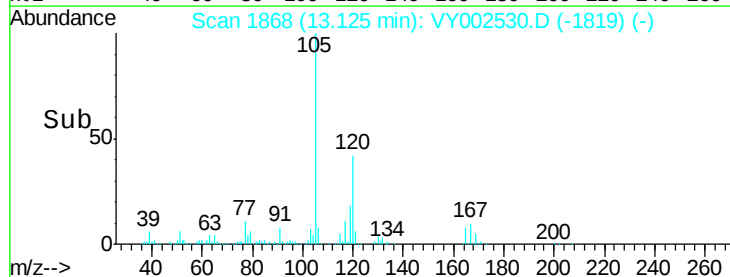
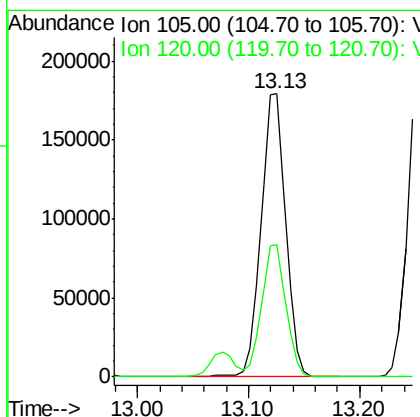
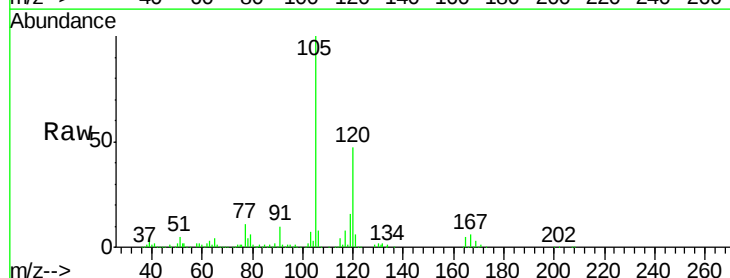
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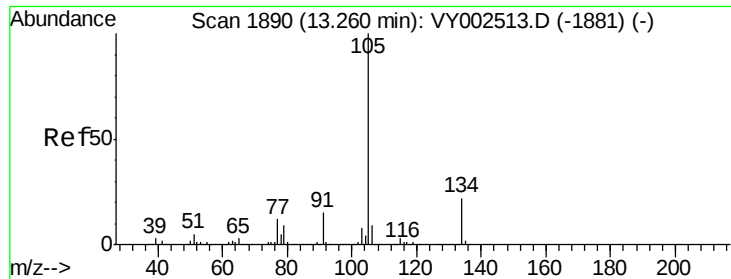
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#84
1,2,4-Trimethylbenzene
Concen: 19.443 ug/l
RT: 13.13 min Scan# 1868
Delta R.T. 0.00 min
Lab File: VY002530.D
Acq: 04 May 2020 11:13

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	278397		
120	45.8	23.4	70.3	





#85

sec-Butylbenzene

Concen: 19.280 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.01 min

Lab File: VY002530.D

Acq: 04 May 2020 11:13

Instrument :

MSVOA_Y

ClientSampleId :

VY0504SBS01

Tot Ion:105 Resp: 337030

Ion Ratio Lower Upper

105 100

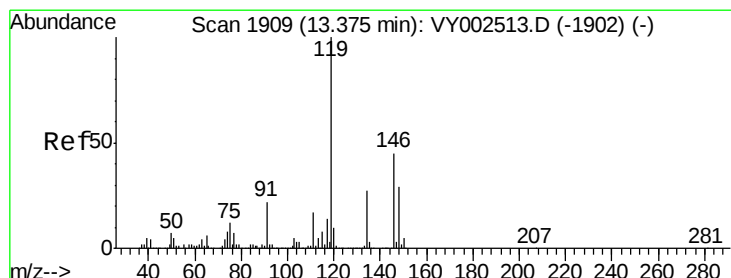
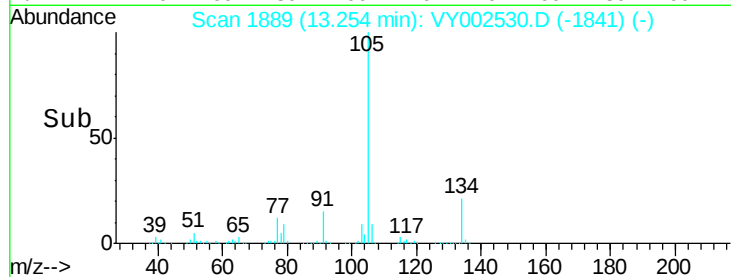
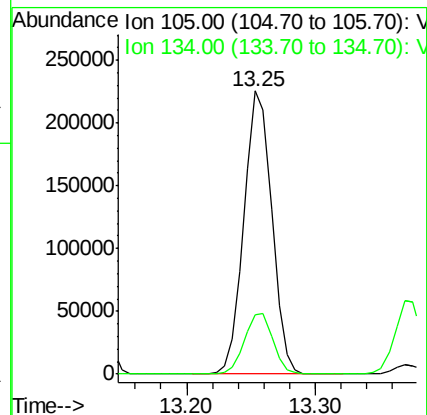
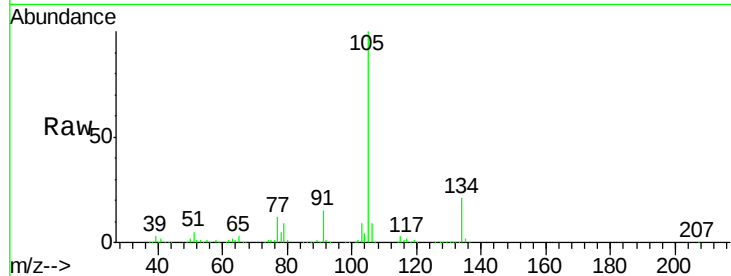
134 21.7 10.8 32.3

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#86

p-Isopropyltoluene

Concen: 19.267 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.01 min

Lab File: VY002530.D

Acq: 04 May 2020 11:13

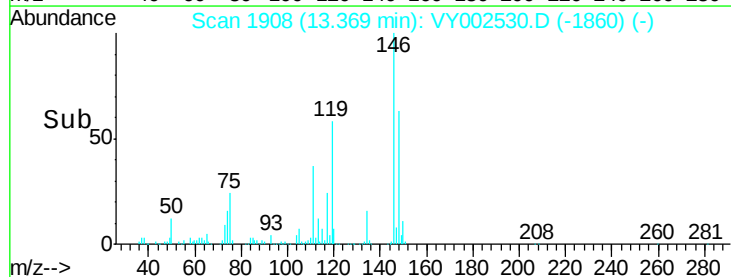
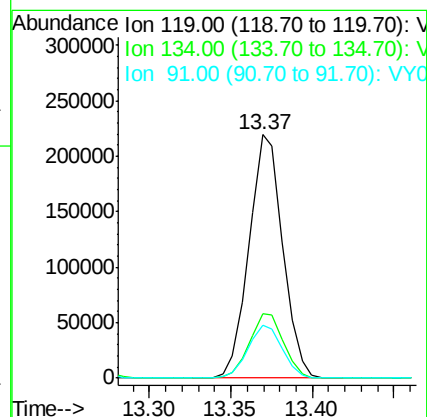
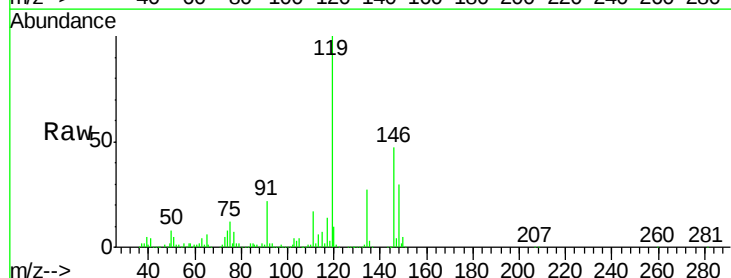
Tgt Ion:119 Resp: 315581

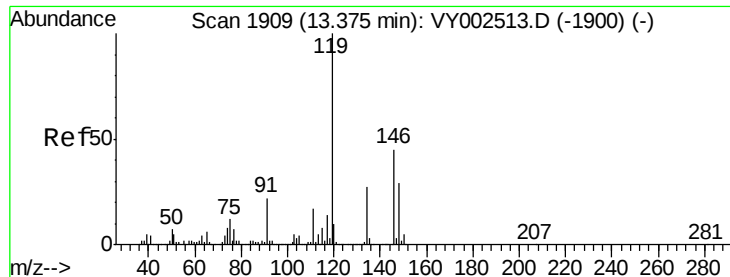
Ion Ratio Lower Upper

119 100

134 27.0 13.5 40.5

91 22.1 10.9 32.9





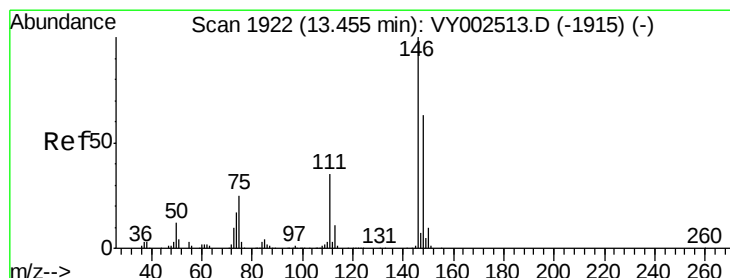
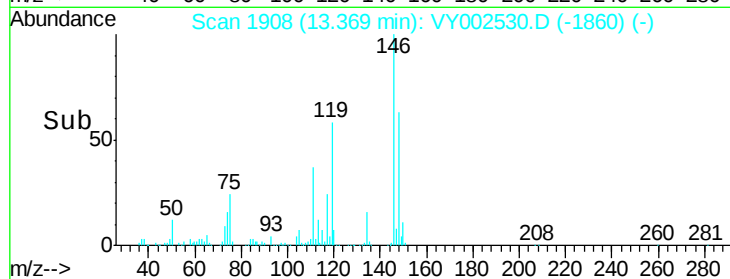
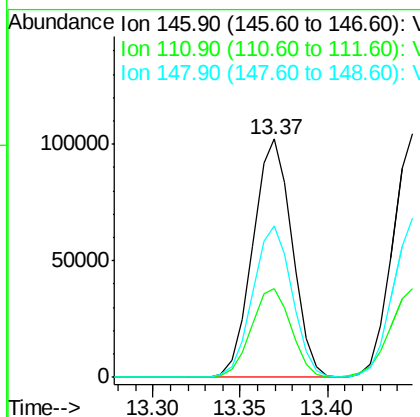
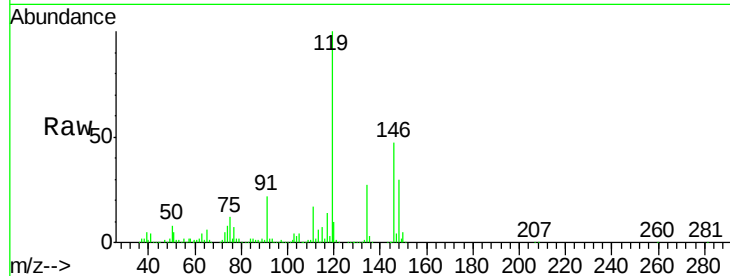
#87
 1,3-Dichlorobenzene
 Concen: 19.419 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. -0.01 min
 Lab File: VY002530.D
 Acq: 04 May 2020 11:13

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0504SBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	159154		
111	37.5	18.8	56.3	
148	63.7	32.1	96.3	

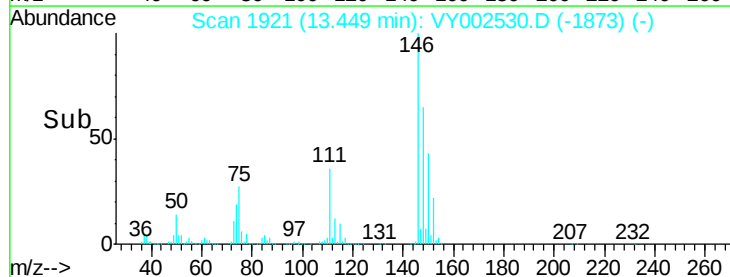
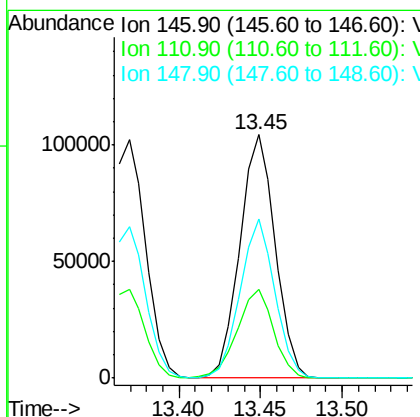
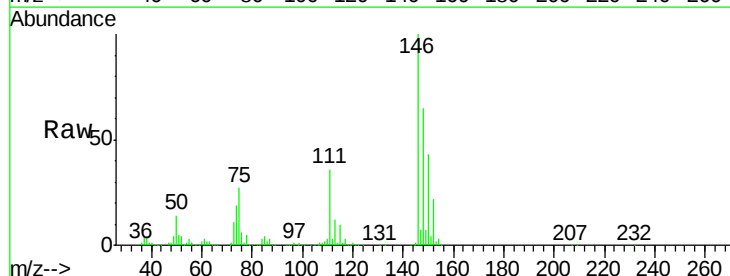
Manual Integrations
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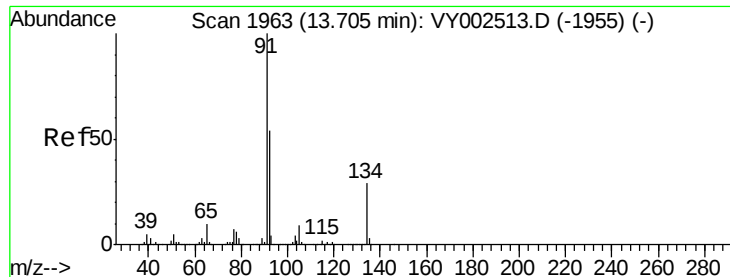
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#88
 1,4-Dichlorobenzene
 Concen: 19.445 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. -0.01 min
 Lab File: VY002530.D
 Acq: 04 May 2020 11:13

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	157807		
111	37.5	18.1	54.1	
148	64.1	31.9	95.5	





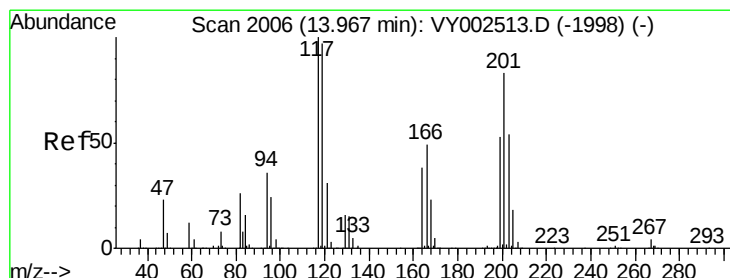
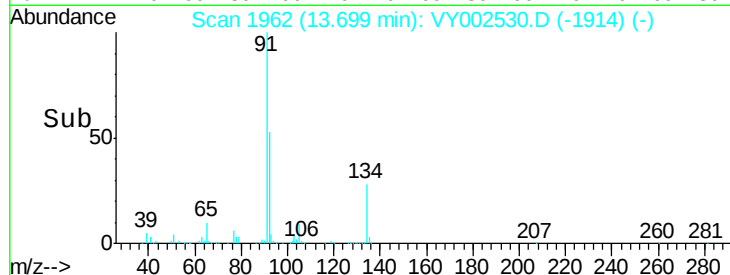
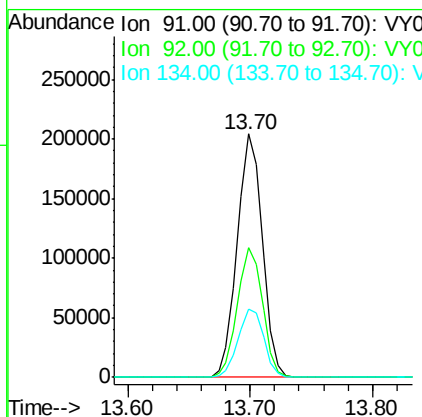
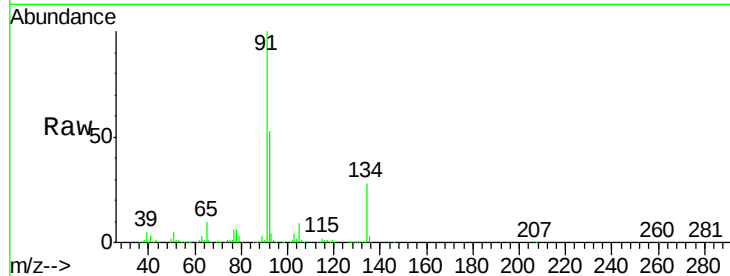
#89
n-Butylbenzene
Concen: 19.423 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. -0.01 min
Lab File: VY002530.D
Acq: 04 May 2020 11:13

Instrument :
MSVOA_Y
ClientSampleId :
VY0504SBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	289610		
92	53.4		27.1	81.3
134	28.7		14.4	43.0

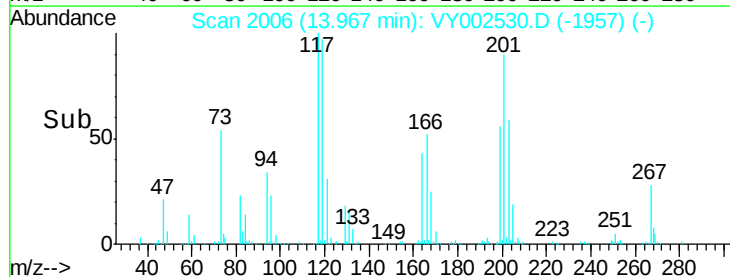
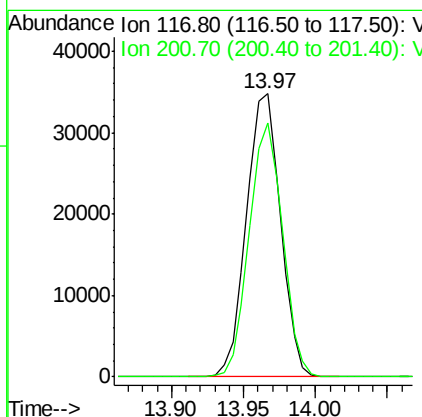
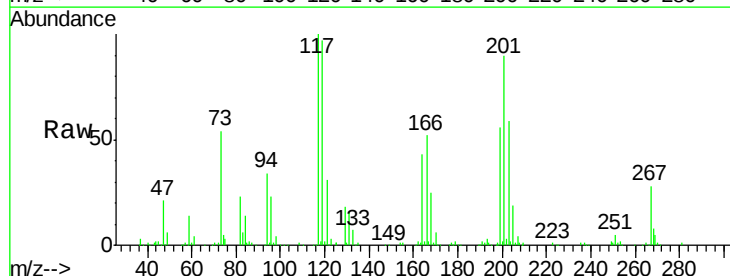
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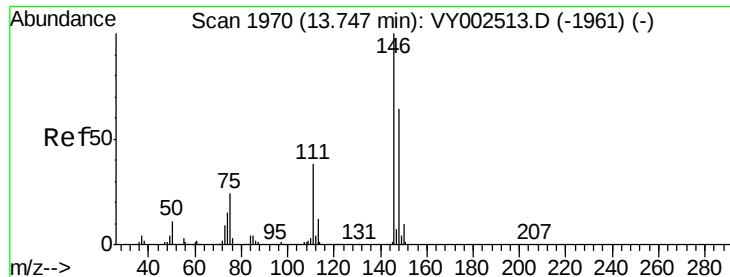
MMDadoda
5/5/2020 11:28:59 AM



#90
Hexachloroethane
Concen: 19.108 ug/l
RT: 13.97 min Scan# 2006
Delta R.T. -0.00 min
Lab File: VY002530.D
Acq: 04 May 2020 11:13

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	56996		
201	87.7		44.4	133.2





#91

1,2-Dichlorobenzene

Concen: 19.758 ug/l

RT: 13.74 min Scan# 1969

Delta R.T. -0.01 min

Lab File: VY002530.D

Acq: 04 May 2020 11:13

Instrument :

MSVOA_Y

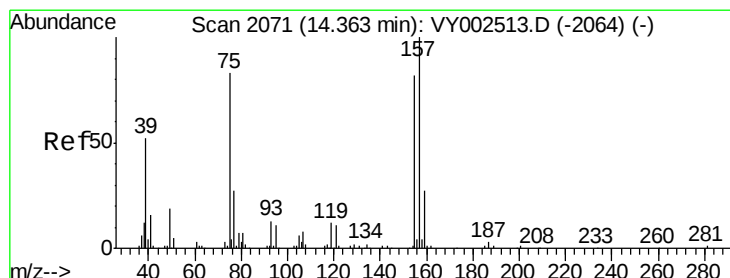
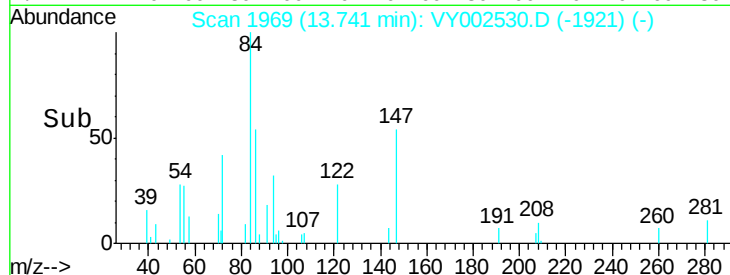
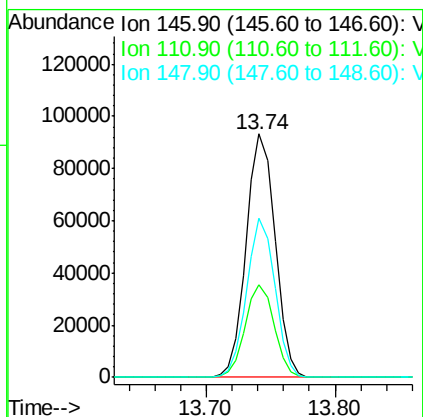
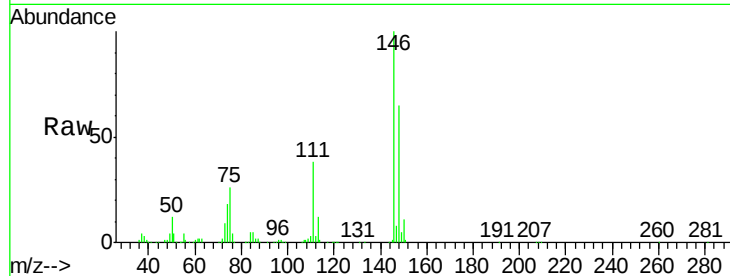
ClientSampleId :

VY0504SBS01

Tot Ion:	146	Resp:	144494
Ion Ratio	Lower	Upper	
146	100		
111	38.0	19.1	57.5
148	63.7	31.9	95.7

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#92

1,2-Dibromo-3-Chloropropane

Concen: 20.077 ug/l

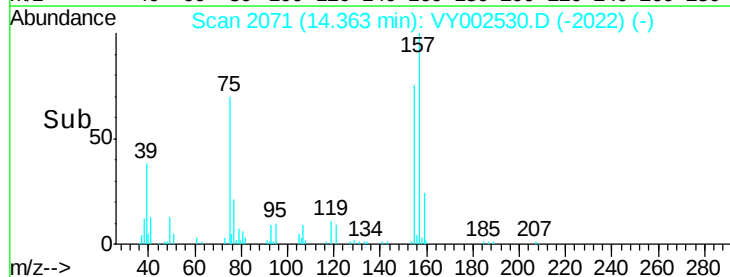
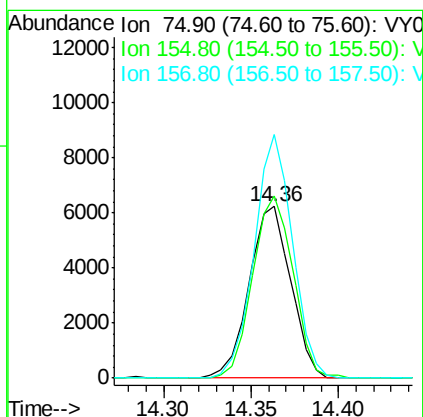
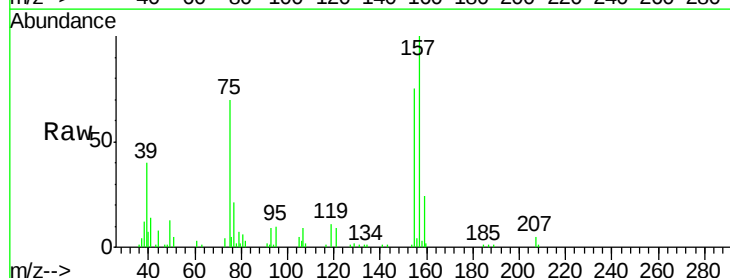
RT: 14.36 min Scan# 2071

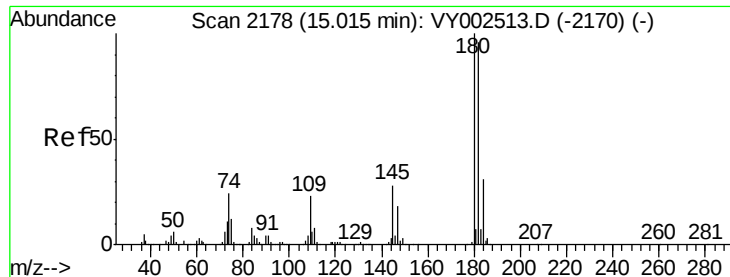
Delta R.T. -0.00 min

Lab File: VY002530.D

Acq: 04 May 2020 11:13

Tgt Ion:	75	Resp:	10316
Ion Ratio	Lower	Upper	
75	100		
155	102.7	51.3	153.9
157	130.0	65.0	195.0





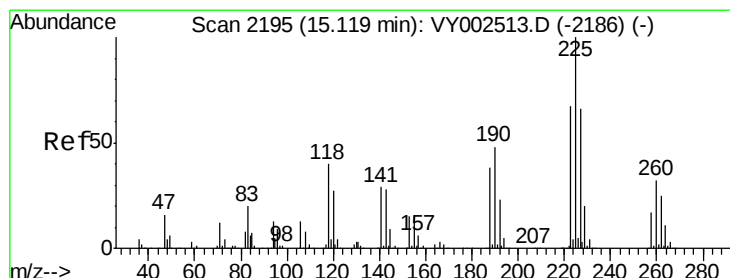
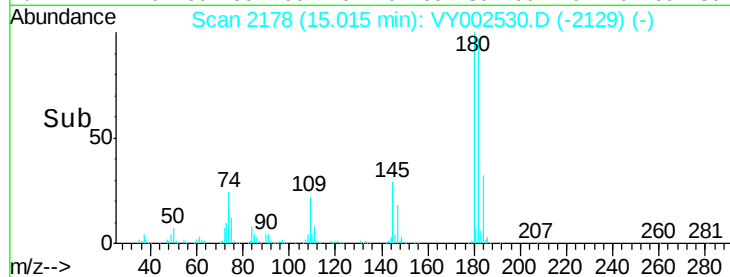
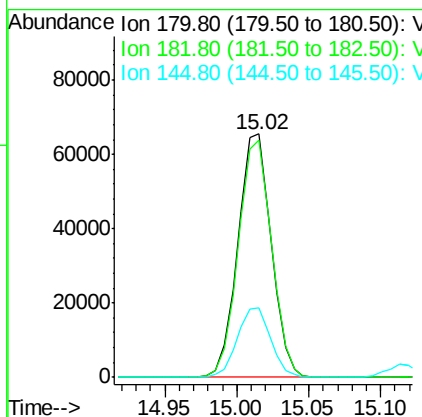
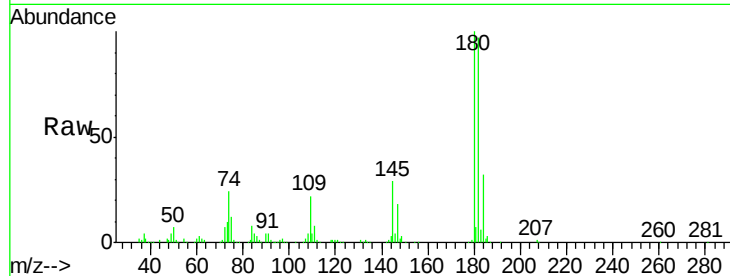
#93
 1,2,4-Trichlorobenzene
 Concen: 19.859 ug/l
 RT: 15.02 min Scan# 2178
 Delta R.T. -0.00 min
 Lab File: VY002530.D
 Acq: 04 May 2020 11:13

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0504SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	97.2	47.9	143.6	
145	28.6	14.4	43.0	

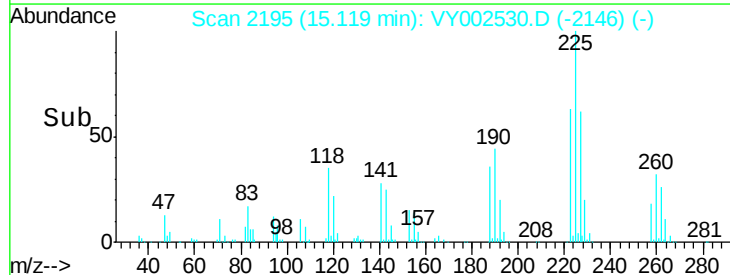
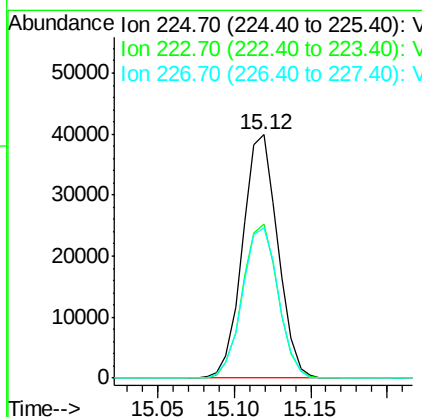
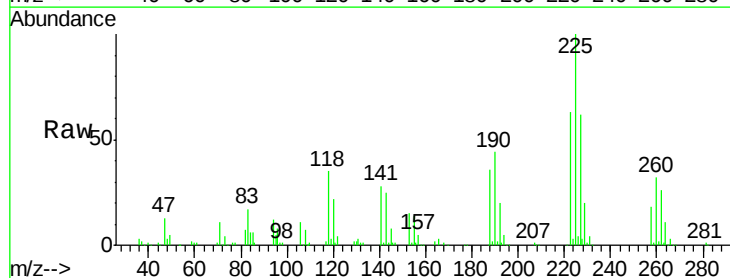
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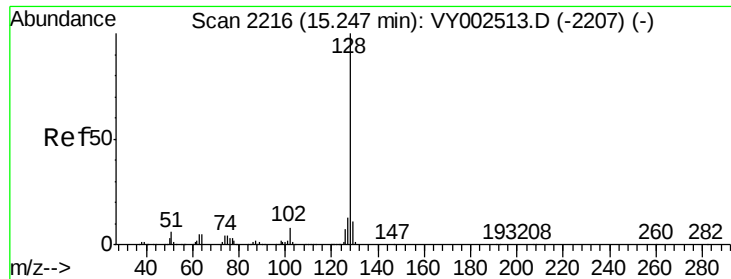
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#94
 Hexachlorobutadiene
 Concen: 19.980 ug/l
 RT: 15.12 min Scan# 2195
 Delta R.T. -0.00 min
 Lab File: VY002530.D
 Acq: 04 May 2020 11:13

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.8	32.1	96.5	
227	63.1	32.0	96.2	





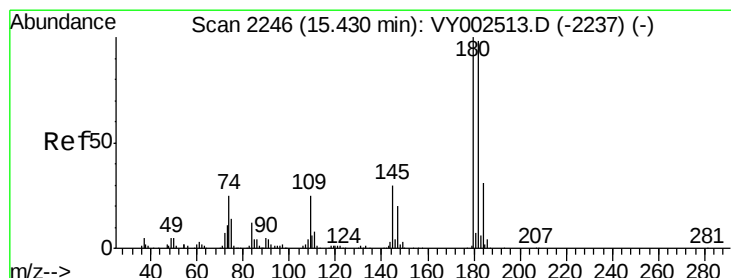
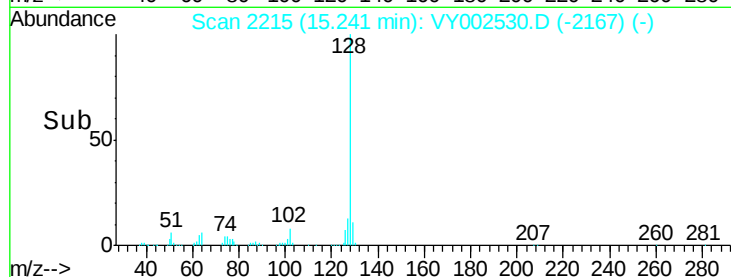
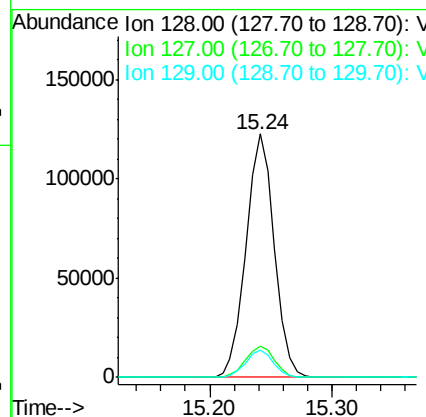
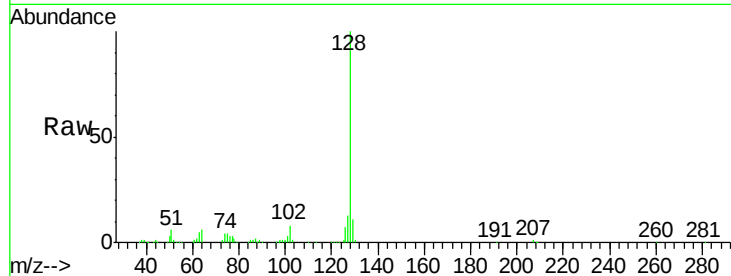
#95
Naphthalene
Concen: 20.212 ug/l
RT: 15.24 min Scan# 2215
Delta R.T. -0.01 min
Lab File: VY002530.D
Acq: 04 May 2020 11:13

Instrument :
MSVOA_Y
ClientSampleId :
VY0504SBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	195765		
127	13.1		10.5	15.7
129	10.9		8.8	13.2

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#96
1,2,3-Trichlorobenzene
Concen: 20.239 ug/l
RT: 15.43 min Scan# 2246
Delta R.T. -0.00 min
Lab File: VY002530.D
Acq: 04 May 2020 11:13

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	91223		
182	94.0		47.9	143.8
145	30.3		15.0	45.1

