

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY050120\
 Data File : VY002521.D
 Acq On : 01 May 2020 12:09
 Operator : SY/MD
 Sample : VY0501SBSD01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0501SBSD01

Manual Integrations
 APPROVED

MMDadoda
 5/4/2020 2:19:13 PM

Quant Time: May 04 13:08:48 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	376677	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.69	114	557937	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.49	117	503627	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	260439	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	156236	49.33	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	98.66%	
35) Dibromofluoromethane	7.72	113	157787	49.45	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	98.90%	
50) Toluene-d8	10.18	98	624015	50.08	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	100.16%	
62) 4-Bromofluorobenzene	12.49	95	210924	49.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.76%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.90	85	44687	15.629	ug/l	97
3) Chloromethane	2.12	50	54234	17.771	ug/l	98
4) Vinyl Chloride	2.26	62	62837	17.832	ug/l	100
5) Bromomethane	2.64	94	44640	18.369	ug/l	100
6) Chloroethane	2.79	64	38976	18.524	ug/l	99
7) Trichlorofluoromethane	3.13	101	101098	18.511	ug/l	99
8) Diethyl Ether	3.54	74	35782	19.496	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.91	101	62635	18.765	ug/l	97
10) Methyl Iodide	4.10	142	82482	18.138	ug/l	100
11) Tert butyl alcohol	4.97	59	31728	97.371	ug/l	98
12) 1,1-Dichloroethene	3.88	96	60735	18.730	ug/l	96
13) Acrolein	3.74	56	19125	84.878	ug/l	96
14) Allyl chloride	4.49	41	90192	19.090	ug/l	99
15) Acrylonitrile	5.18	53	85528	98.819	ug/l	100
16) Acetone	3.96	43	63316	96.868	ug/l	95
17) Carbon Disulfide	4.20	76	174660	17.904	ug/l	100
18) Methyl Acetate	4.49	43	41237	18.882	ug/l	99
19) Methyl tert-butyl Ether	5.23	73	164421	19.435	ug/l	99
20) Methylene Chloride	4.72	84	67397	18.439	ug/l	97
21) trans-1,2-Dichloroethene	5.22	96	66739	18.831	ug/l	97
22) Diisopropyl ether	6.13	45	189796	19.854	ug/l	98
23) Vinyl Acetate	6.07	43	586519	97.559	ug/l	100
24) 1,1-Dichloroethane	6.03	63	109672	19.392	ug/l	99
25) 2-Butanone	7.00	43	102046	95.374	ug/l	99
26) 2,2-Dichloropropane	6.99	77	101291	18.843	ug/l	100
27) cis-1,2-Dichloroethene	7.00	96	76615	19.537	ug/l	100
28) Bromochloromethane	7.34	49	47771	20.616	ug/l	99
29) Tetrahydrofuran	7.35	42	70342	99.367	ug/l	98
30) Chloroform	7.52	83	113476	19.298	ug/l	96
31) Cyclohexane	7.79	56	104581	18.371	ug/l	96
32) 1,1,1-Trichloroethane	7.71	97	104939	19.200	ug/l	100
36) 1,1-Dichloropropene	7.93	75	89168	19.064	ug/l	99
37) Ethyl Acetate	7.08	43	46567	19.374	ug/l	99
38) Carbon Tetrachloride	7.91	117	97551	19.104	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	113350	18.348	ug/l	98
40) Benzene	8.17	78	259544	19.213	ug/l	100
41) Methacrylonitrile	7.33	41	27410m	21.210	ug/l	
42) 1,2-Dichloroethane	8.24	62	73403	19.371	ug/l	98
43) Isopropyl Acetate	8.28	43	86607	19.221	ug/l	99
44) Trichloroethene	8.94	130	80964	19.178	ug/l	98
45) 1,2-Dichloropropane	9.22	63	62899	19.292	ug/l	100
46) Dibromomethane	9.31	93	36300	19.351	ug/l	100
47) Bromodichloromethane	9.50	83	88904	19.491	ug/l	99
48) Methyl methacrylate	9.30	41	39564	19.401	ug/l	100
49) 1,4-Dioxane	9.30	88	10062	405.124	ug/l	97
51) 4-Methyl-2-Pentanone	10.07	43	227486	97.948	ug/l	100
52) Toluene	10.25	92	167709	19.317	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	92696	19.397	ug/l	97
54) cis-1,3-Dichloropropene	9.93	75	105878	19.164	ug/l	99
55) 1,1,2-Trichloroethane	10.65	97	54078	19.769	ug/l	98
56) Ethyl methacrylate	10.51	69	70486	19.369	ug/l	99
57) 1,3-Dichloropropane	10.80	76	90069	19.416	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	194775	101.494	ug/l	100
59) 2-Hexanone	10.83	43	156416	97.851	ug/l	99
60) Dibromochloromethane	10.99	129	67618	19.435	ug/l	98
61) 1,2-Dibromoethane	11.09	107	52441	19.361	ug/l	100
64) Tetrachloroethene	10.72	164	88036	19.674	ug/l	100
65) Chlorobenzene	11.52	112	186910	19.523	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.60	131	71603	20.148	ug/l	98
67) Ethyl Benzene	11.60	91	326497	19.414	ug/l	97
68) m/p-Xylenes	11.70	106	251541	38.657	ug/l	99
69) o-Xylene	12.03	106	121021	19.864	ug/l	99
70) Styrene	12.05	104	204534	19.637	ug/l	100
71) Bromoform	12.21	173	43003	19.496	ug/l #	100
73) Isopropylbenzene	12.33	105	328476	19.461	ug/l	100
74) N-amyl acetate	12.14	43	79576	19.599	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	53173	19.808	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	47871m	20.684	ug/l	
77) Bromobenzene	12.61	156	82058	19.459	ug/l	100
78) n-propylbenzene	12.67	91	381675	19.485	ug/l	100
79) 2-Chlorotoluene	12.76	91	209980	19.353	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	274380	19.611	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	22452	19.452	ug/l	98
82) 4-Chlorotoluene	12.86	91	221306	19.417	ug/l	99
83) tert-Butylbenzene	13.08	119	239161	19.495	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	273234	19.595	ug/l	100
85) sec-Butylbenzene	13.25	105	334047	19.623	ug/l	100
86) p-Isopropyltoluene	13.37	119	312185	19.572	ug/l	99
87) 1,3-Dichlorobenzene	13.37	146	155046	19.426	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	155901	19.726	ug/l	99
89) n-Butylbenzene	13.70	91	283489	19.523	ug/l	99
90) Hexachloroethane	13.96	117	56057	19.298	ug/l	98
91) 1,2-Dichlorobenzene	13.74	146	139298	19.559	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	9705	19.395	ug/l	99

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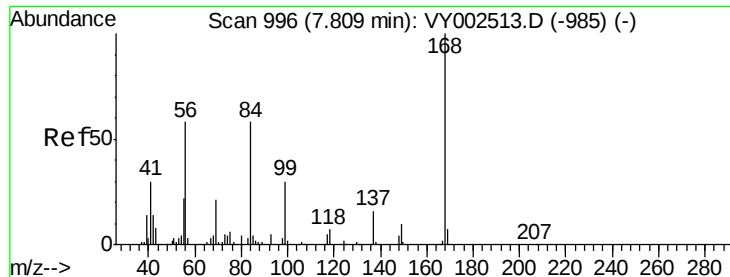
Manual Integrations
APPROVED

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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	101082	19.549	ug/l	99
94) Hexachlorobutadiene	15.12	225	60331	19.439	ug/l	99
95) Naphthalene	15.24	128	185870	19.705	ug/l	100
96) 1,2,3-Trichlorobenzene	15.43	180	86794	19.773	ug/l	100

(#) = 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: VY002521.D

Acq: 01 May 2020 12:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0501SBSD01

Tot Ion:168 Resp: 376677

Ion Ratio Lower Upper

168 100

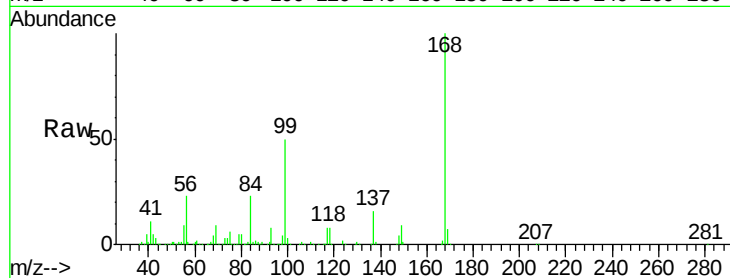
99 49.7 39.2 58.8

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) (-)

7.80

150000

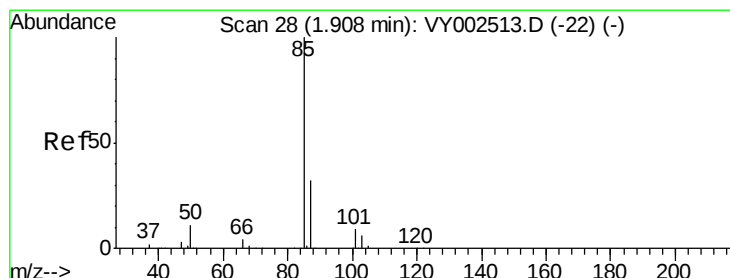
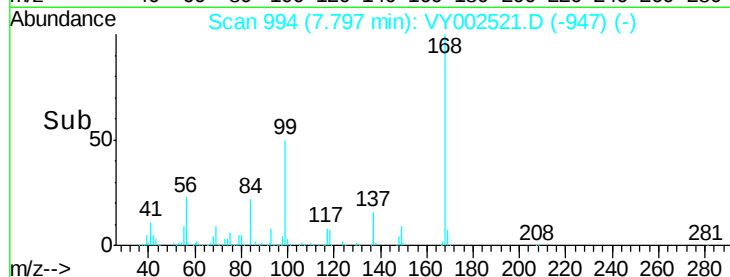
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50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 15.629 ug/l

RT: 1.90 min Scan# 27

Delta R.T. -0.01 min

Lab File: VY002521.D

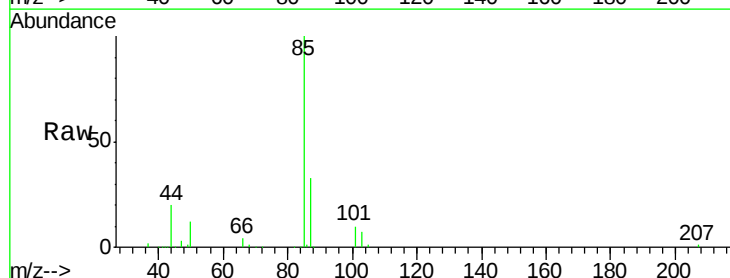
Acq: 01 May 2020 12:09

Tgt Ion: 85 Resp: 44687

Ion Ratio Lower Upper

85 100

87 33.5 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) (-)

1.90

30000

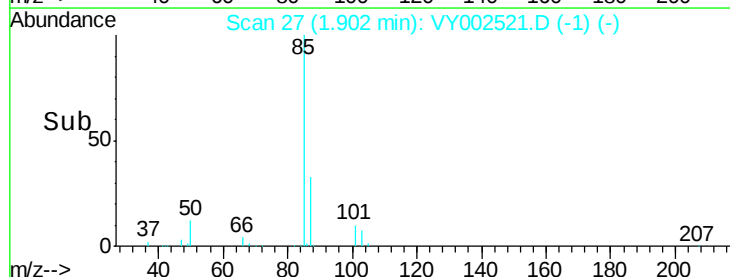
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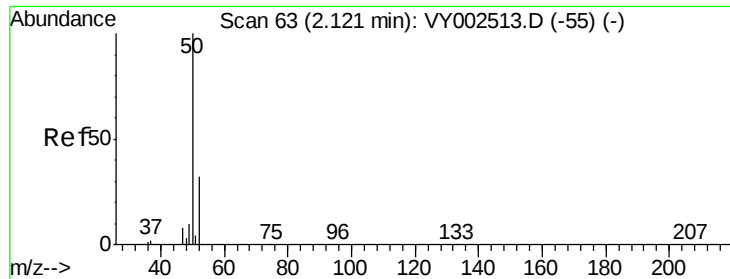
10000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 17.771 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.01 min

Lab File: VY002521.D

Acq: 01 May 2020 12:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0501SBSD01

Tot Ion: 50 Resp: 54234

Ion Ratio Lower Upper

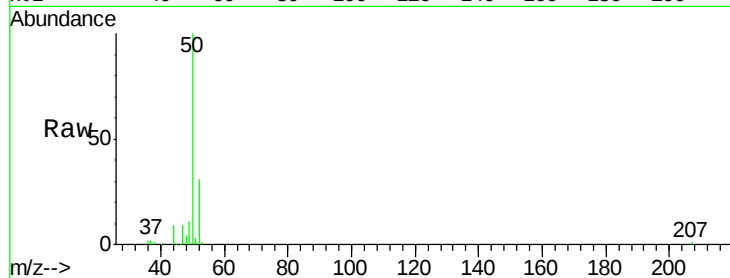
50 100

52 31.1 25.9 38.9

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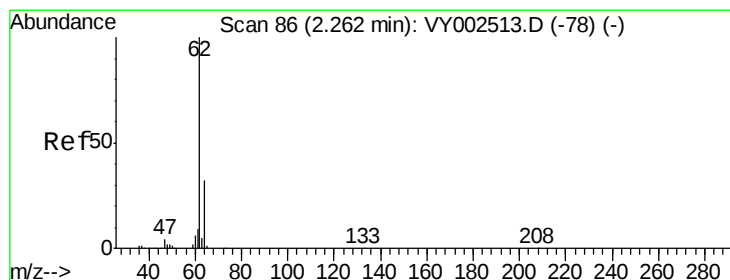
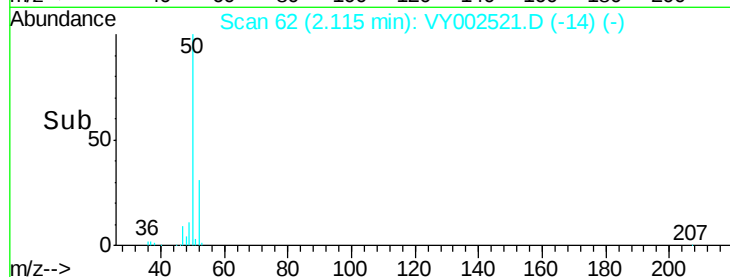
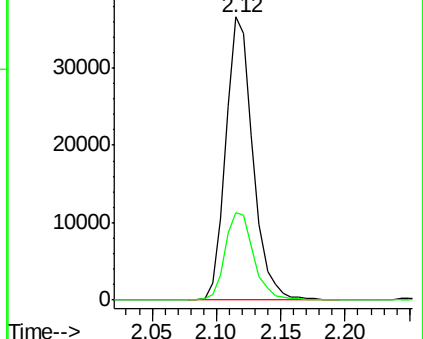
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Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 17.832 ug/l

RT: 2.26 min Scan# 85

Delta R.T. -0.01 min

Lab File: VY002521.D

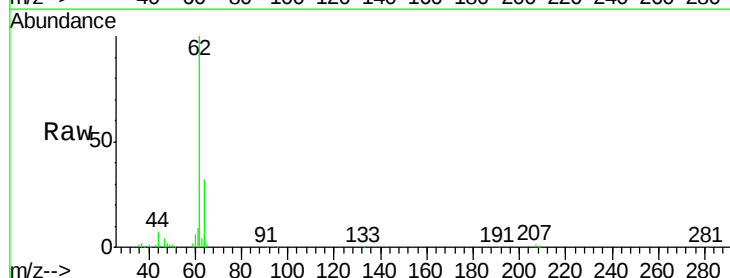
Acq: 01 May 2020 12:09

Tgt Ion: 62 Resp: 62837

Ion Ratio Lower Upper

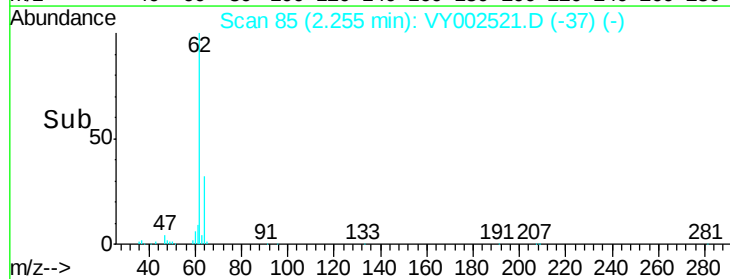
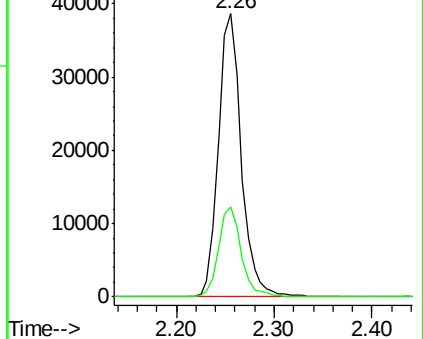
62 100

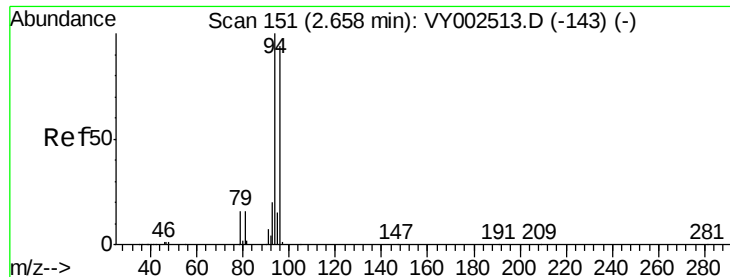
64 31.7 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 18.369 ug/l

RT: 2.64 min Scan# 148

Delta R.T. -0.02 min

Lab File: VY002521.D

Acq: 01 May 2020 12:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0501SBSD01

Tot Ion: 94 Resp: 44640

Ion Ratio Lower Upper

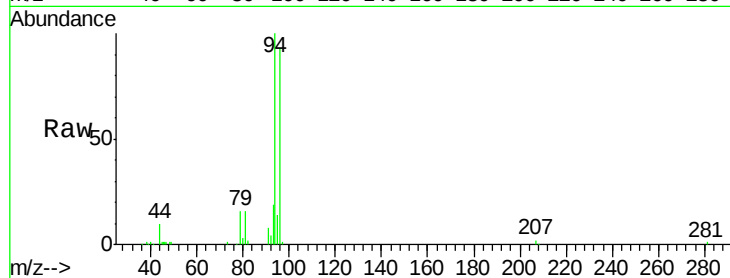
94 100

96 93.2 74.9 112.3

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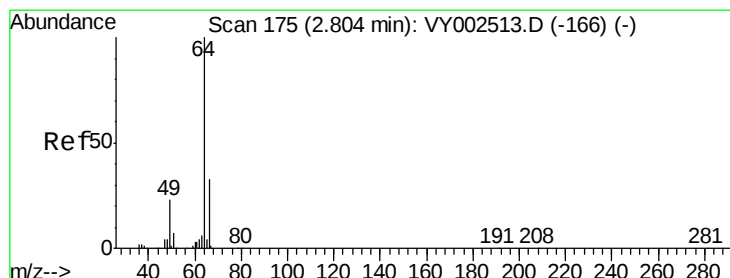
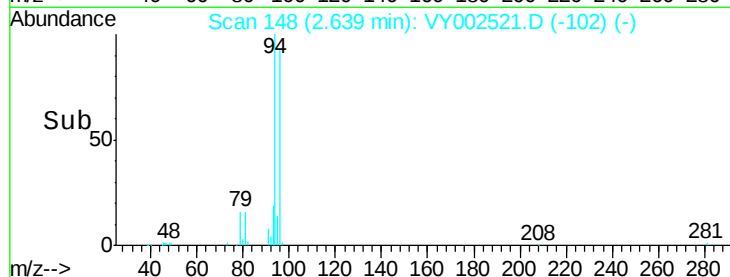
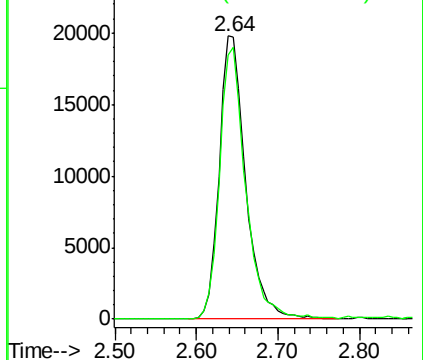
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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 18.524 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.01 min

Lab File: VY002521.D

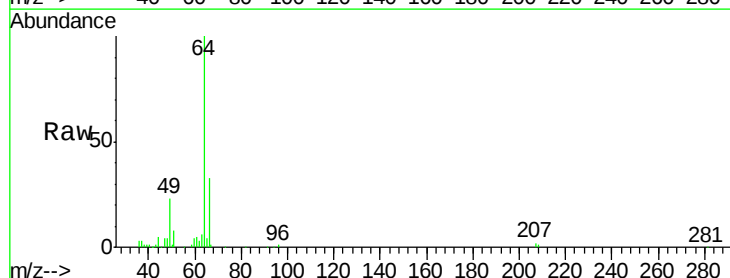
Acq: 01 May 2020 12:09

Tgt Ion: 64 Resp: 38976

Ion Ratio Lower Upper

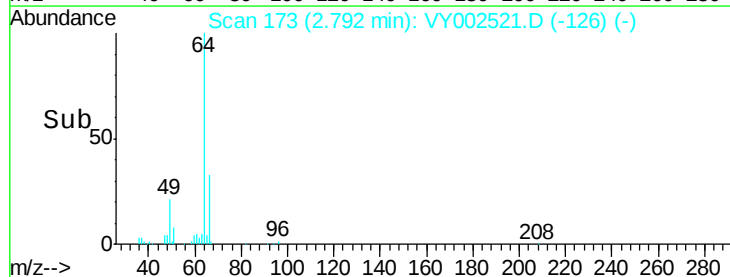
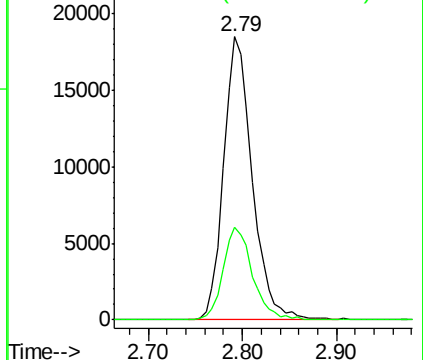
64 100

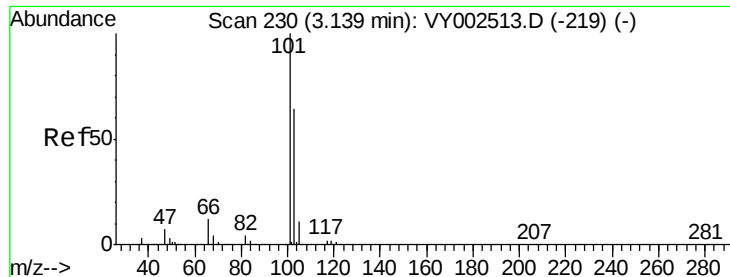
66 32.6 26.3 39.5



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

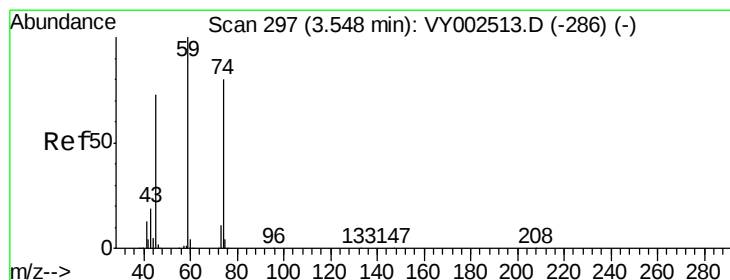
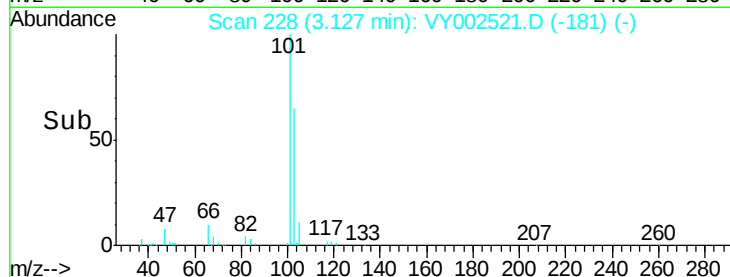
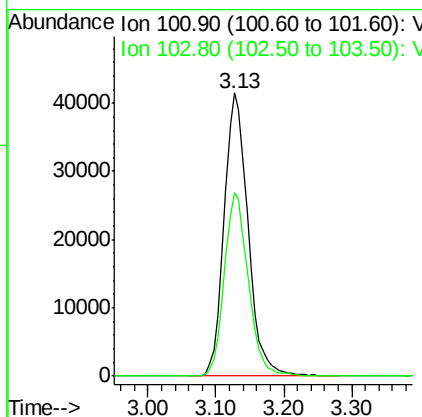
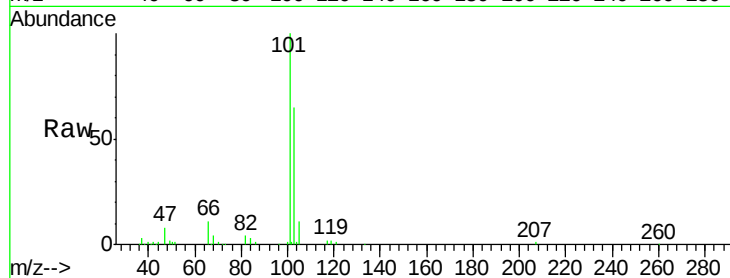
Trichlorofluoromethane
Concen: 18.511 ug/l
RT: 3.13 min Scan# 228
Delta R.T. -0.01 min
Lab File: VY002521.D
Acq: 01 May 2020 12:09

Instrument :
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Tot Ion	Ratio	Resp	Lower	Upper
101	100	101098		
103	64.8	51.4	77.0	

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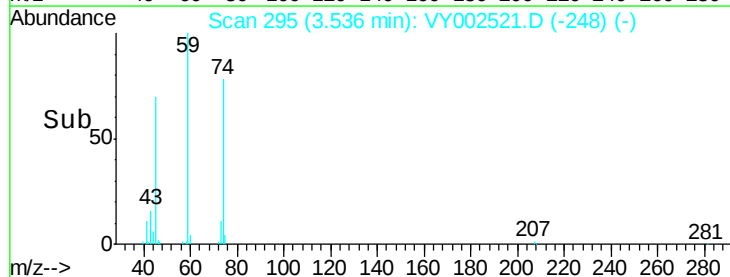
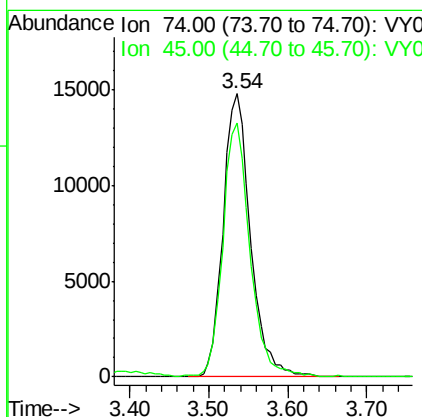
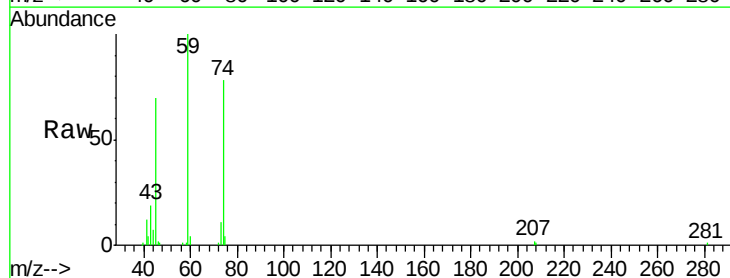
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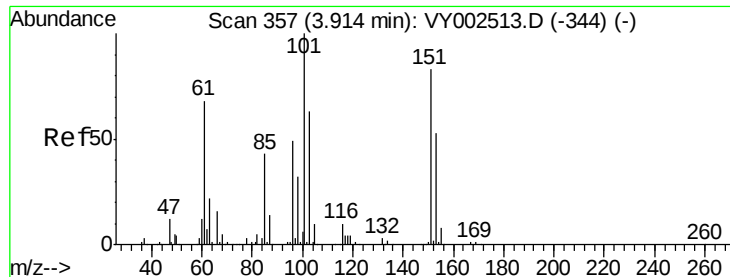


#8

Diethyl Ether
Concen: 19.496 ug/l
RT: 3.54 min Scan# 295
Delta R.T. -0.01 min
Lab File: VY002521.D
Acq: 01 May 2020 12:09

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	35782		
45	89.0	46.2	138.5	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.765 ug/l

RT: 3.91 min Scan# 356

Delta R.T. -0.01 min

Lab File: VY002521.D

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Instrument :

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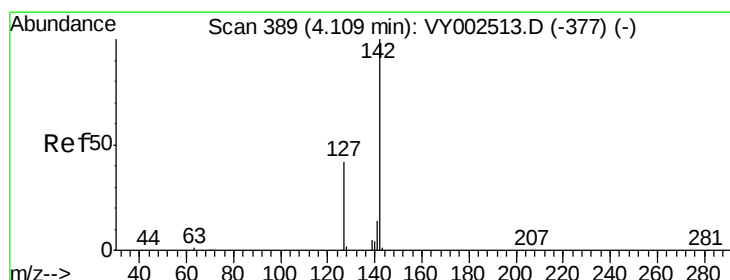
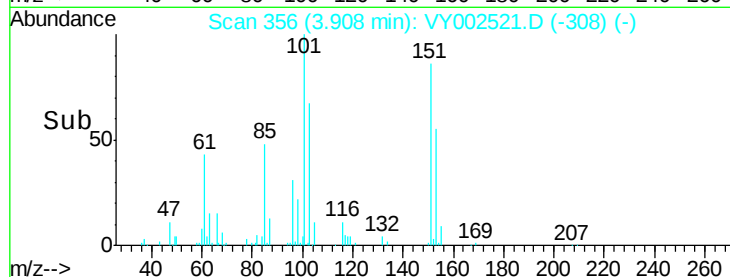
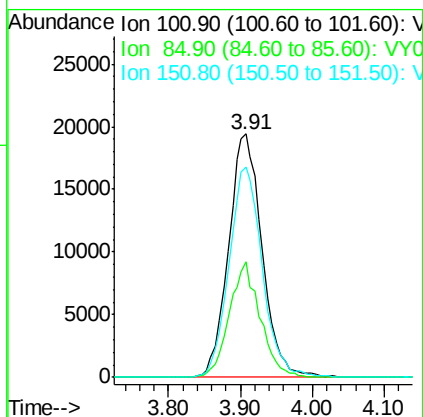
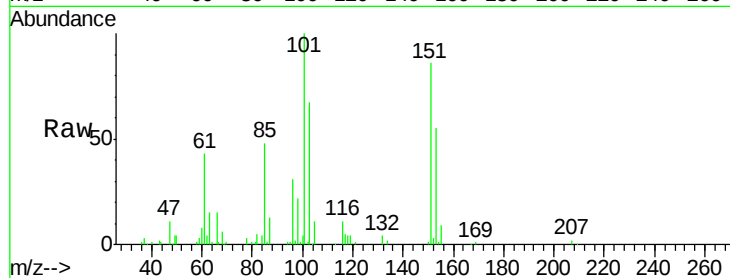
ClientSampleId :

VY0501SBSD01

Tot Ion:	101	Resp:	62635
Ion Ratio	Lower	Upper	
101	100		
85	43.7	33.4	50.2
151	86.2	66.8	100.2

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#10

Methyl Iodide

Concen: 18.138 ug/l

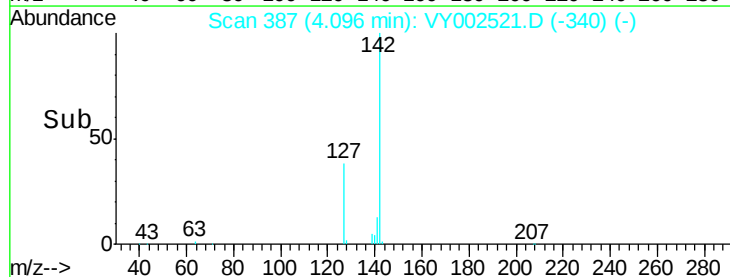
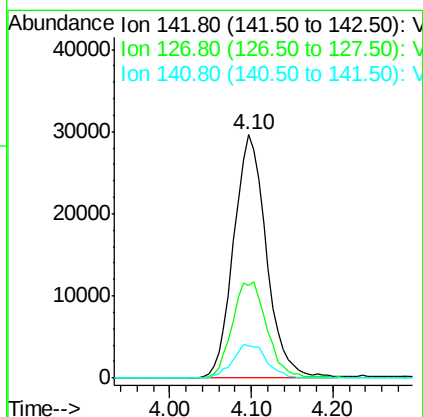
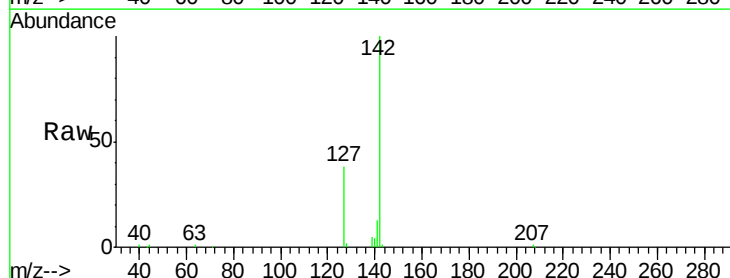
RT: 4.10 min Scan# 387

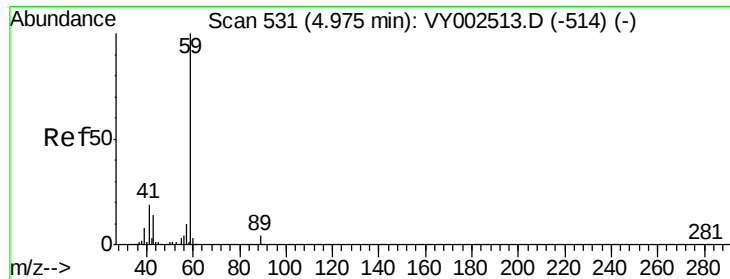
Delta R.T. -0.01 min

Lab File: VY002521.D

Acq: 01 May 2020 12:09

Tgt Ion:	142	Resp:	82482
Ion Ratio	Lower	Upper	
142	100		
127	41.9	33.7	50.5
141	14.3	11.4	17.0





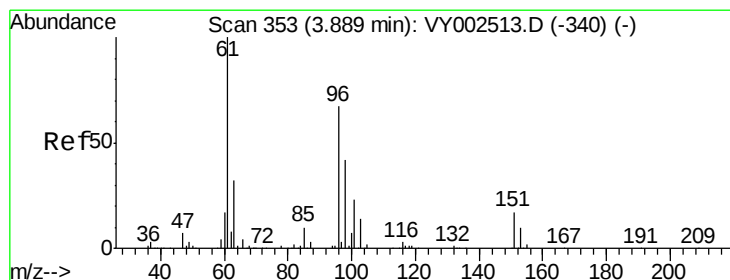
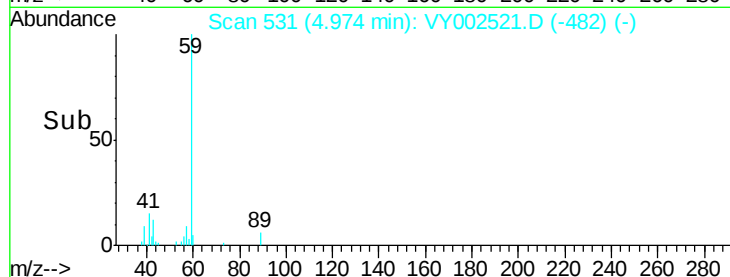
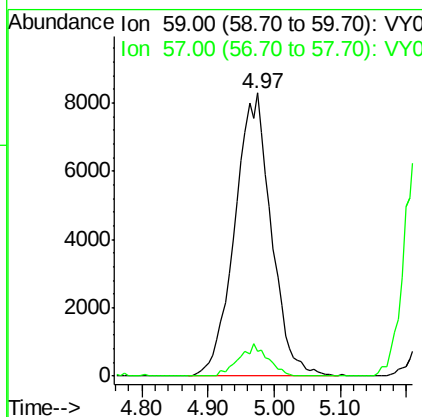
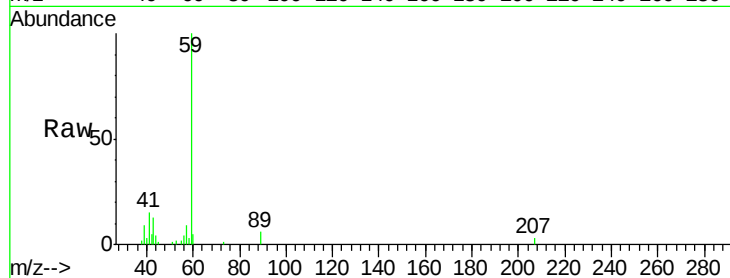
#11
Tert butyl alcohol
Concen: 97.371 ug/l
RT: 4.97 min Scan# 531
Delta R.T. -0.00 min
Lab File: VY002521.D
Acq: 01 May 2020 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
57	8.9	7.8	11.6

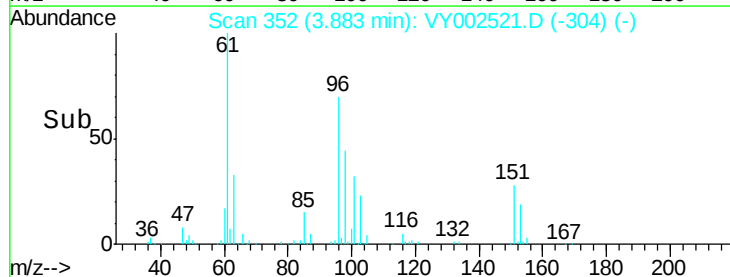
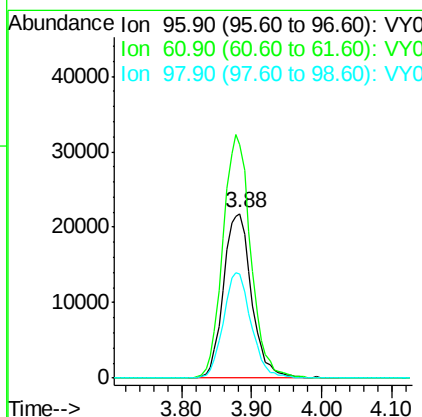
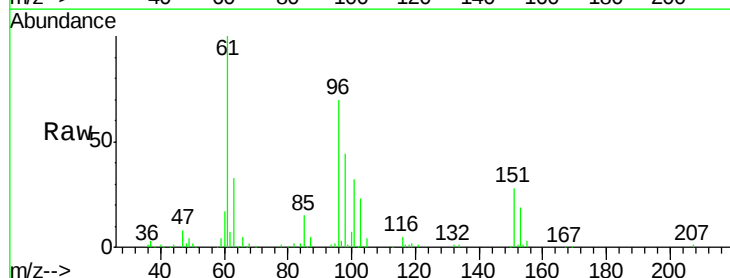
Manual Integrations
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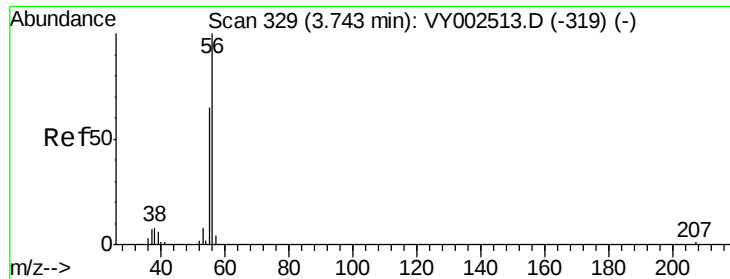
MMDadoda
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#12
1,1-Dichloroethene
Concen: 18.730 ug/l
RT: 3.88 min Scan# 352
Delta R.T. -0.01 min
Lab File: VY002521.D
Acq: 01 May 2020 12:09

Tgt Ion	Ratio	Lower	Upper
96	100		
61	142.4	118.8	178.2
98	63.3	49.6	74.4





#13

Acrolein

Concen: 84.878 ug/l

RT: 3.74 min Scan# 328

Delta R.T. -0.01 min

Lab File: VY002521.D

Acq: 01 May 2020 12:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0501SBSD01

Tot Ion: 56 Resp: 19125

Ion Ratio Lower Upper

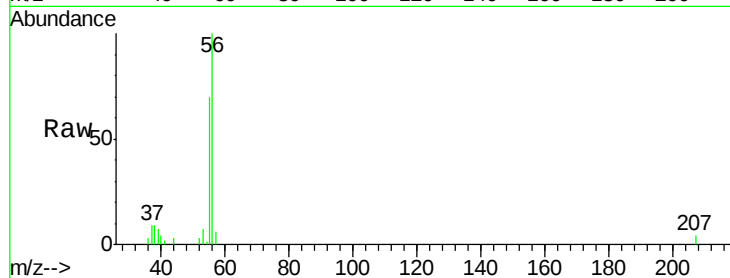
56 100

55 70.6 53.8 80.6

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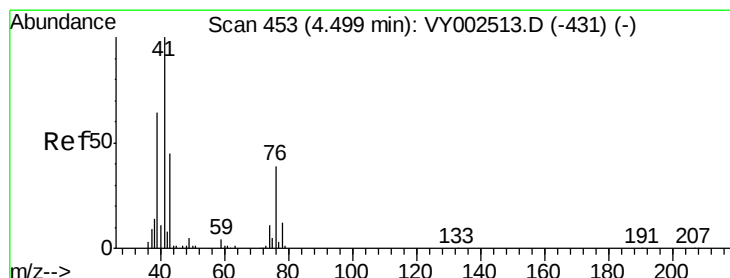
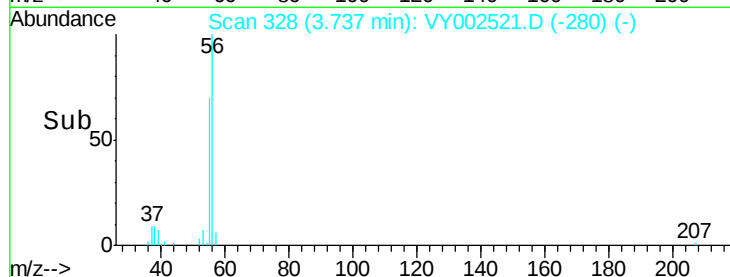


Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

3.74

Time-->



#14

Allyl chloride

Concen: 19.090 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.01 min

Lab File: VY002521.D

Acq: 01 May 2020 12:09

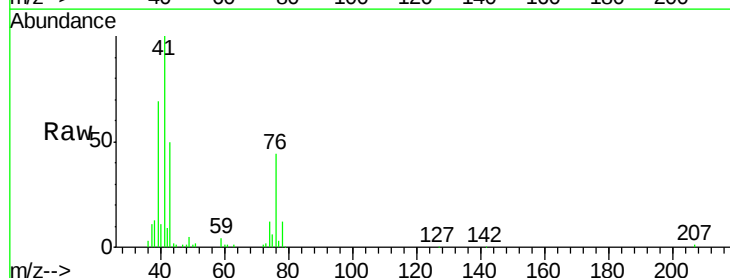
Tgt Ion: 41 Resp: 90192

Ion Ratio Lower Upper

41 100

39 63.8 51.8 77.6

76 39.9 31.7 47.5



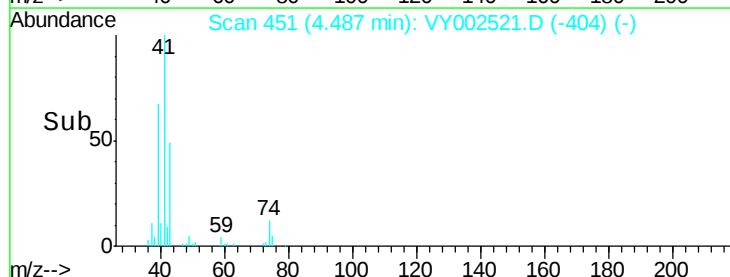
Abundance Ion 41.00 (40.70 to 41.70): VY0

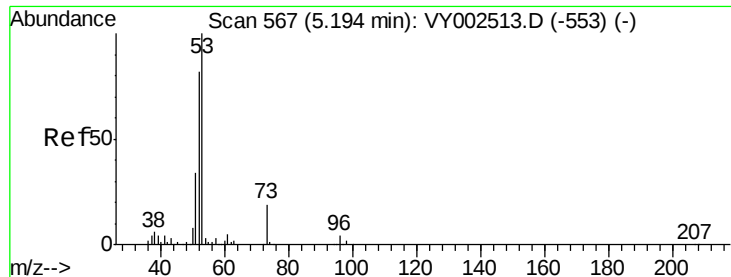
Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0

4.49

Time-->





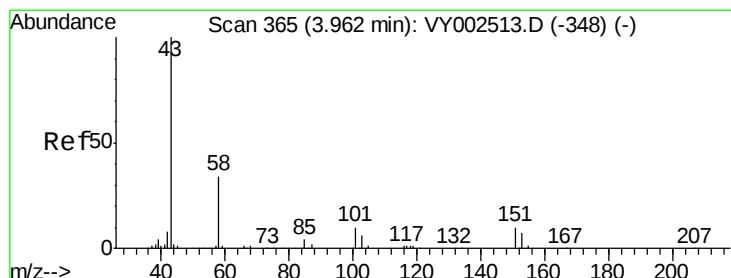
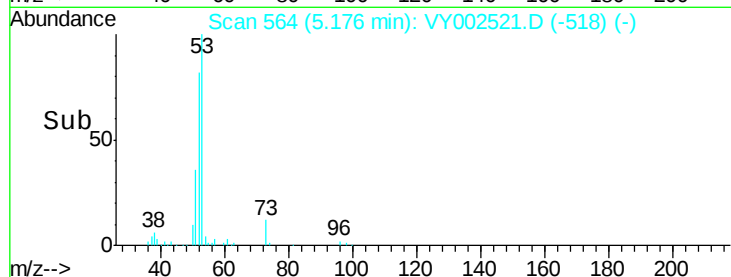
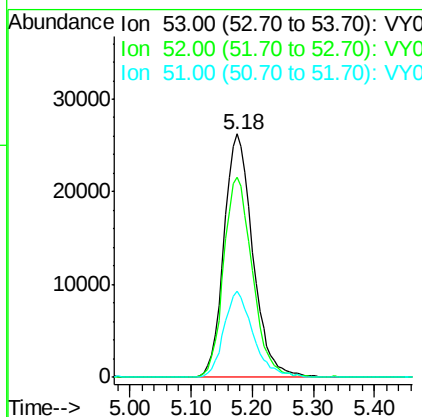
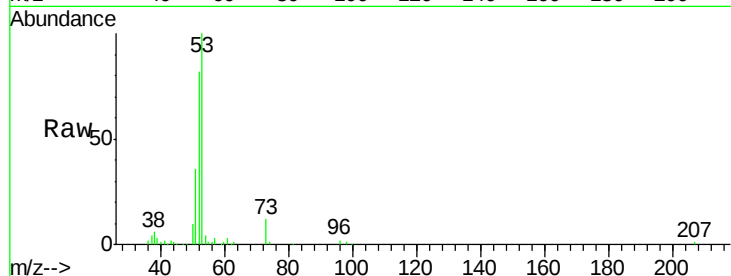
#15
 Acrylonitrile
 Concen: 98.819 ug/l
 RT: 5.18 min Scan# 564
 Delta R.T. -0.02 min
 Lab File: VY002521.D
 Acq: 01 May 2020 12:09

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0501SBSD01

Tot Ion:	53	Resp:	85528
Ion Ratio	Lower	Upper	
53	100		
52	81.9	65.4	98.0
51	36.0	28.7	43.1

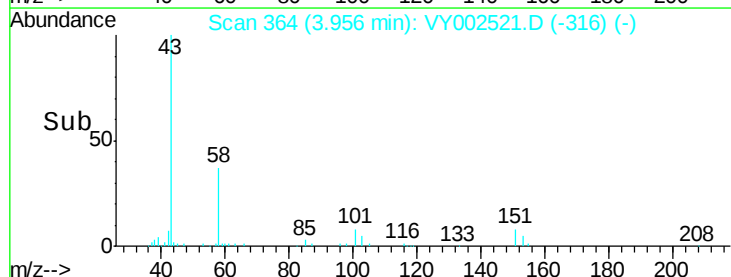
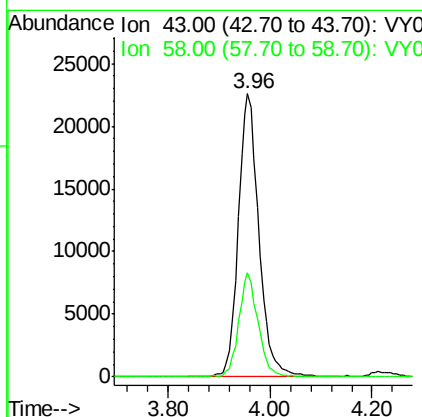
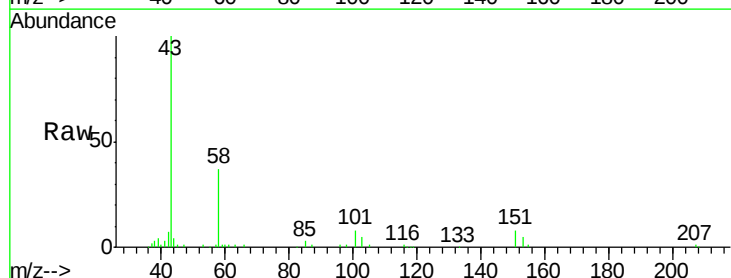
Manual Integrations
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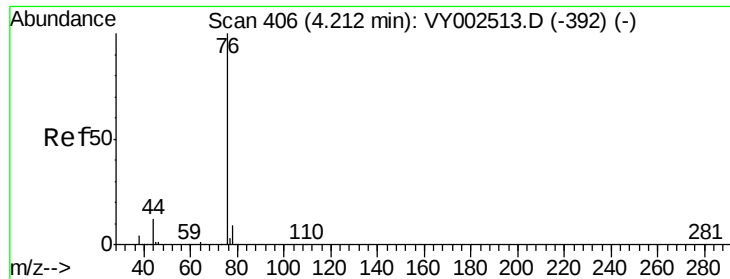
MMDadoda
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#16
 Acetone
 Concen: 96.868 ug/l
 RT: 3.96 min Scan# 364
 Delta R.T. -0.01 min
 Lab File: VY002521.D
 Acq: 01 May 2020 12:09

Tgt Ion:	43	Resp:	63316
Ion Ratio	Lower	Upper	
43	100		
58	36.6	26.9	40.3





#17

Carbon Disulfide

Concen: 17.904 ug/l

RT: 4.20 min Scan# 404

Delta R.T. -0.01 min

Lab File: VY002521.D

Acq: 01 May 2020 12:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0501SBSD01

Tot Ion: 76 Resp: 174660

Ion Ratio Lower Upper

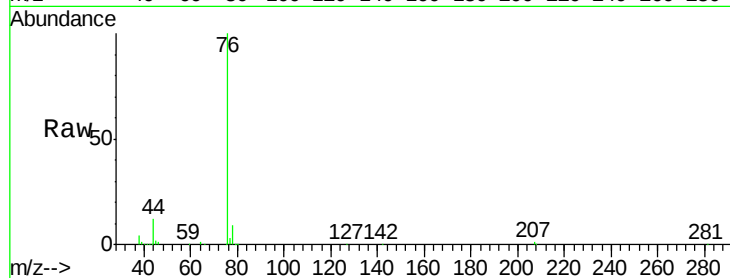
76 100

78 9.3 7.4 11.2

Manual Integrations
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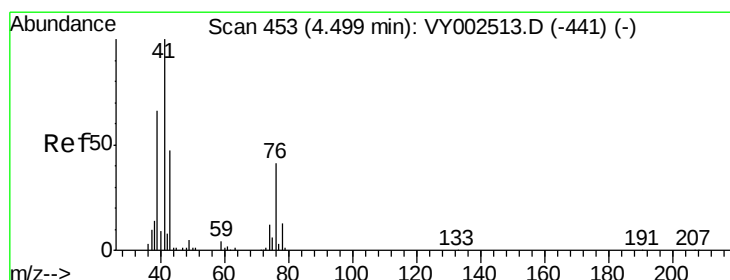
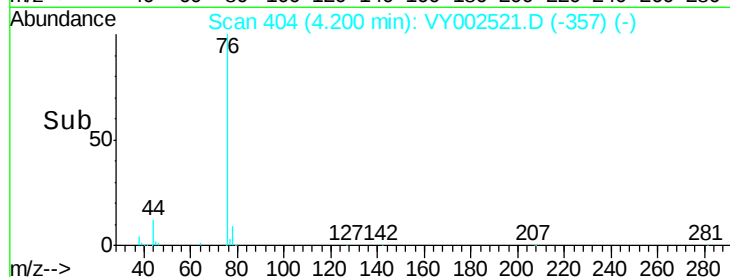
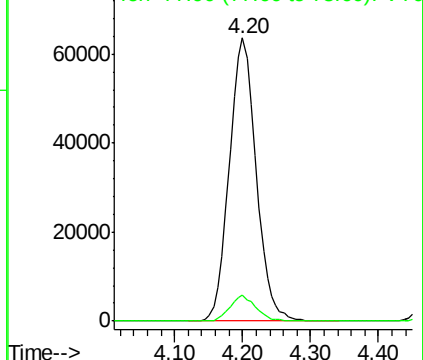
MMDadoda

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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: 18.882 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.01 min

Lab File: VY002521.D

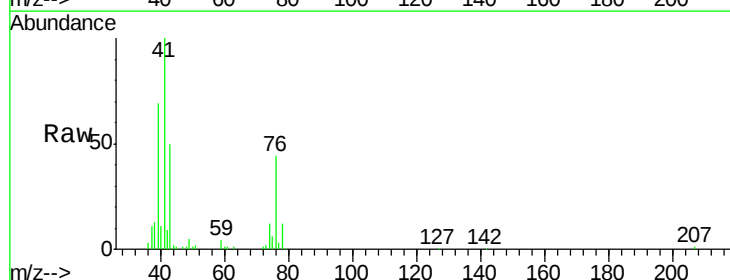
Acq: 01 May 2020 12:09

Tgt Ion: 43 Resp: 41237

Ion Ratio Lower Upper

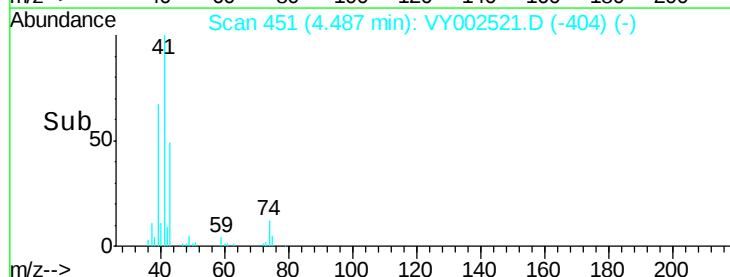
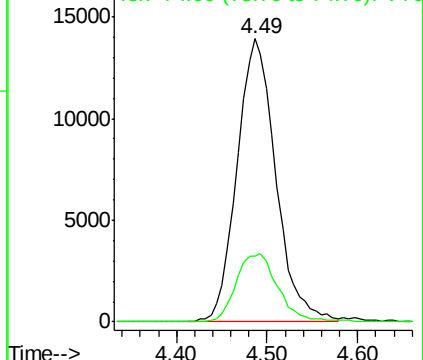
43 100

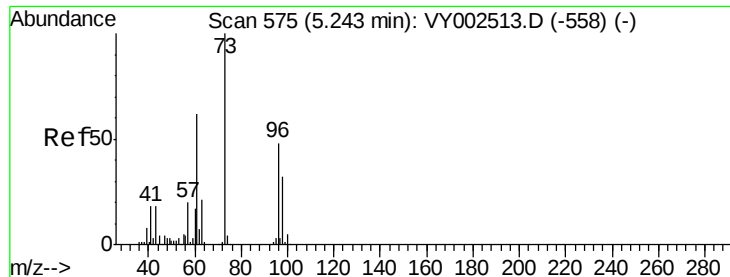
74 25.9 21.2 31.8



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0





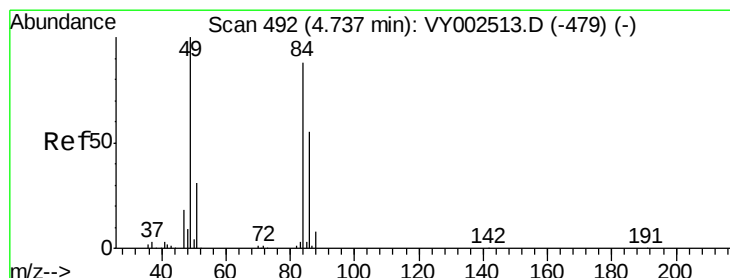
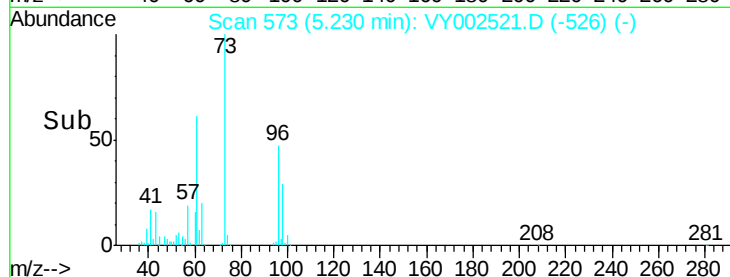
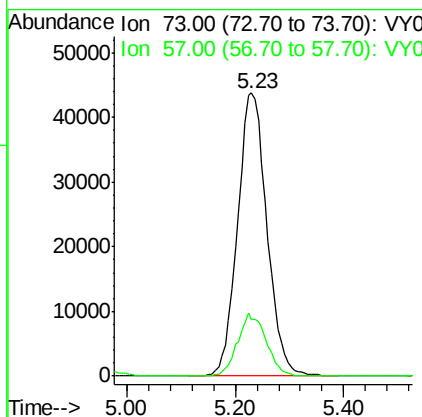
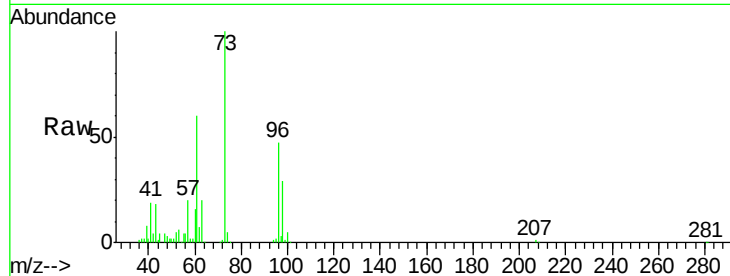
#19
Methvl tert-butvl Ether
Concen: 19.435 ug/l
RT: 5.23 min Scan# 573
Delta R.T. -0.01 min
Lab File: VY002521.D
Acq: 01 May 2020 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBSD01

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.2	16.3	24.5

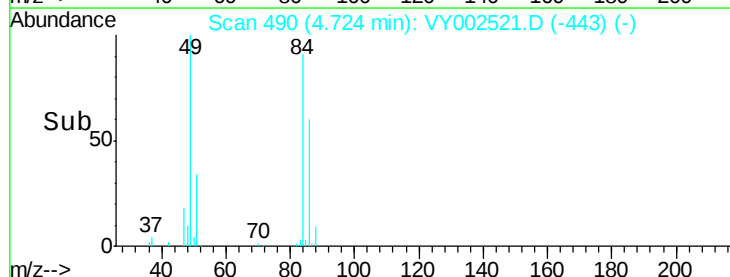
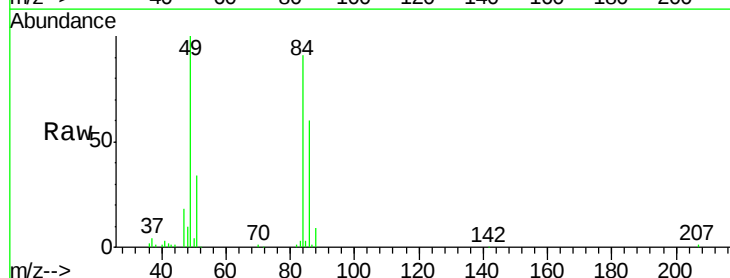
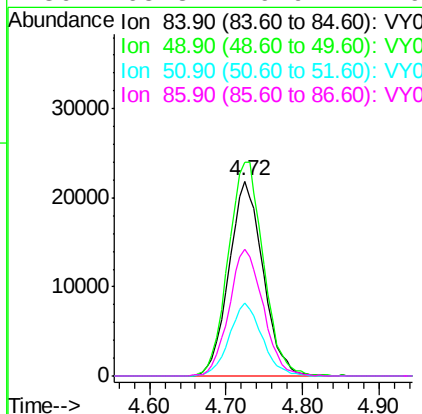
Manual Integrations
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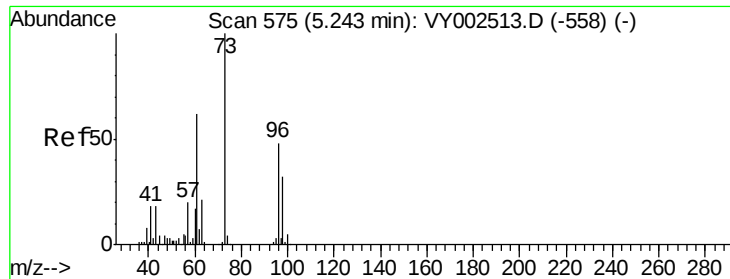
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#20
Methylene Chloride
Concen: 18.439 ug/l
RT: 4.72 min Scan# 490
Delta R.T. -0.01 min
Lab File: VY002521.D
Acq: 01 May 2020 12:09

Tgt Ion	Ratio	Lower	Upper
84	100		
49	109.5	90.5	135.7
51	37.2	28.3	42.5
86	65.3	49.9	74.9





#21

trans-1,2-Dichloroethene

Concen: 18.831 ug/l

RT: 5.22 min Scan# 572

Delta R.T. -0.02 min

Lab File: VY002521.D

Acq: 01 May 2020 12:09

Instrument :

MSVOA_Y

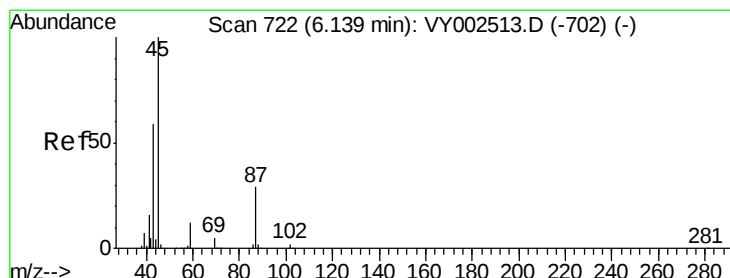
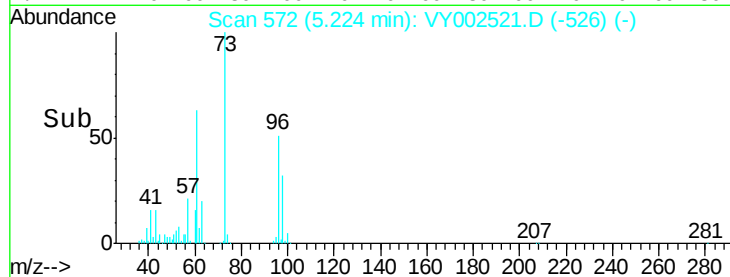
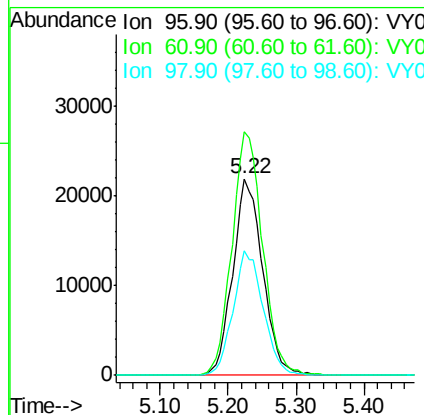
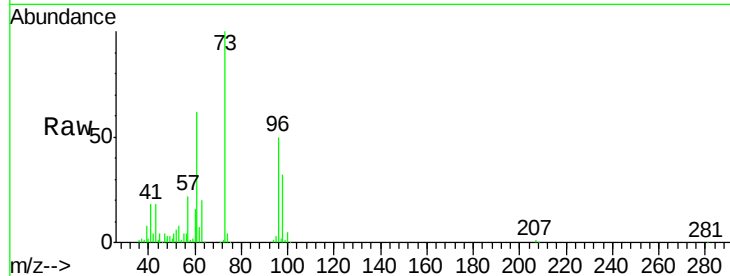
ClientSampleId :

VY0501SBSD01

Tot Ion:	96	Resp:	66739
Ion	Ratio	Lower	Upper
96	100		
61	123.8	102.0	153.0
98	63.0	53.0	79.4

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#22

Diisopropyl ether

Concen: 19.854 ug/l

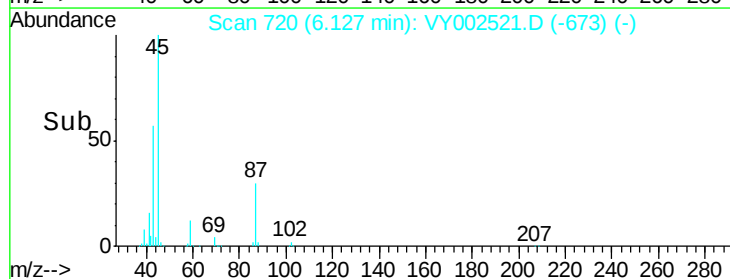
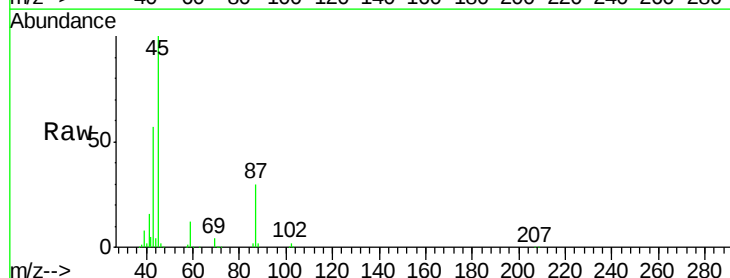
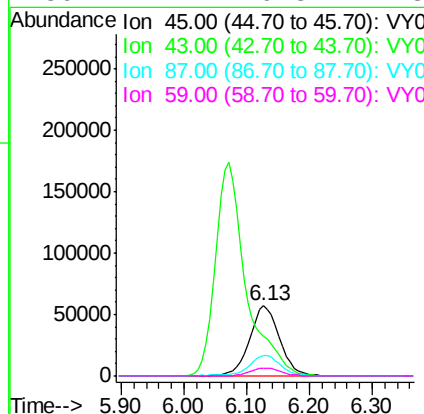
RT: 6.13 min Scan# 720

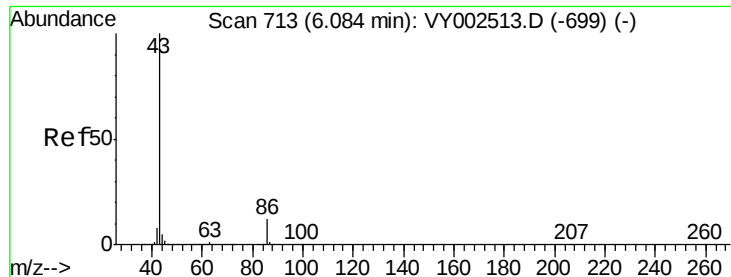
Delta R.T. -0.01 min

Lab File: VY002521.D

Acq: 01 May 2020 12:09

Tgt Ion:	45	Resp:	189796
Ion	Ratio	Lower	Upper
45	100		
43	56.8	47.4	71.0
87	29.5	24.0	36.0
59	11.7	9.8	14.8





#23

Vinyl Acetate

Concen: 97.559 ug/l

RT: 6.07 min Scan# 711

Delta R.T. -0.01 min

Lab File: VY002521.D

Acq: 01 May 2020 12:09

Instrument :

MSVOA_Y

ClientSampleID :

VY0501SBSD01

Tot Ion: 43 Resp: 586519

Ion Ratio Lower Upper

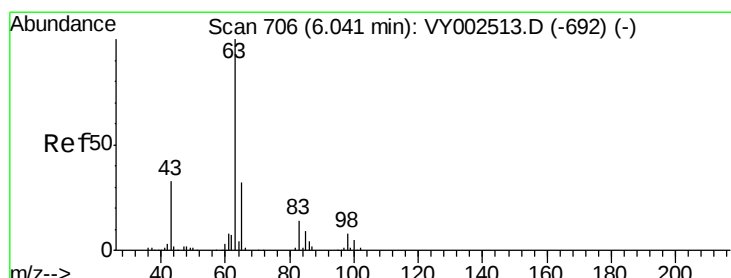
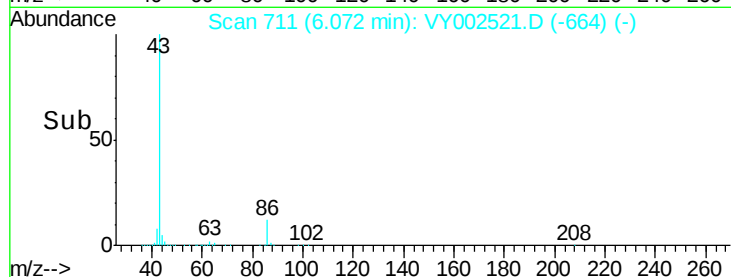
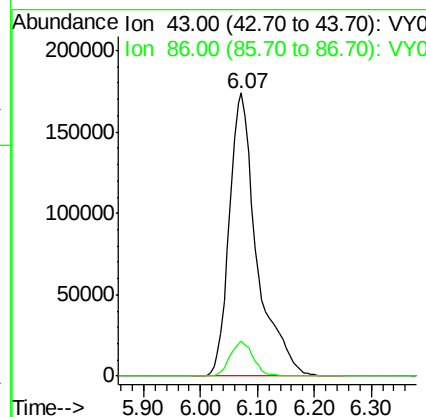
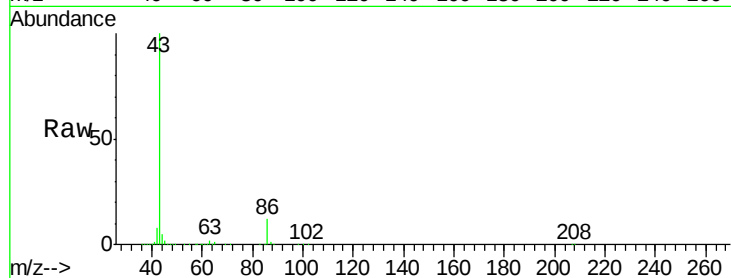
43 100

86 12.2 9.8 14.6

Manual Integrations
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#24

1,1-Dichloroethane

Concen: 19.392 ug/l

RT: 6.03 min Scan# 704

Delta R.T. -0.01 min

Lab File: VY002521.D

Acq: 01 May 2020 12:09

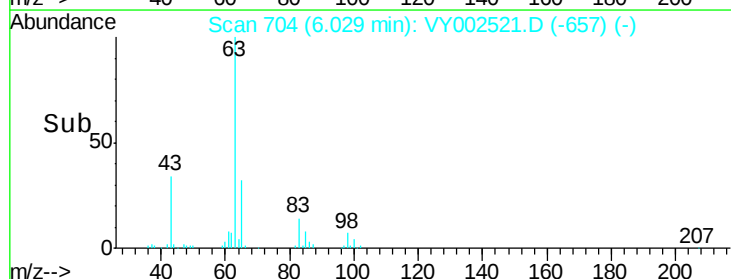
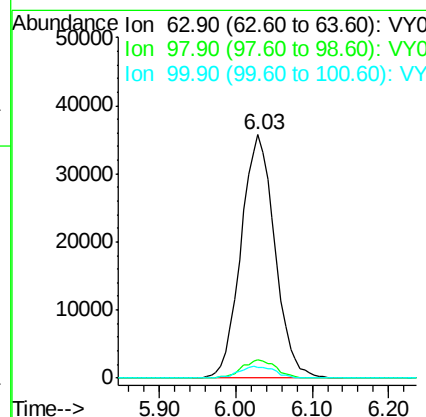
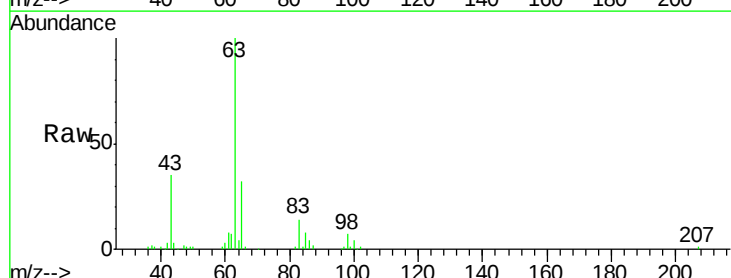
Tgt Ion: 63 Resp: 109672

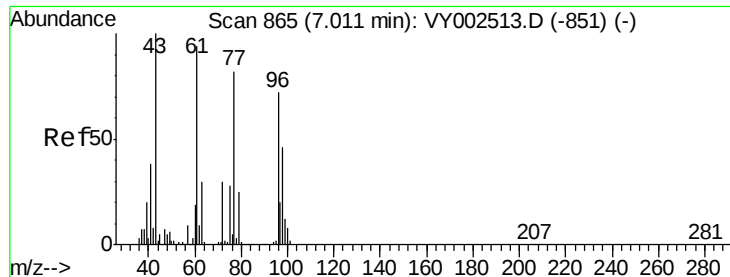
Ion Ratio Lower Upper

63 100

98 7.3 3.9 11.7

100 4.3 2.4 7.2





#25

2-Butanone

Concen: 95.374 ug/l

RT: 7.00 min Scan# 863

Delta R.T. -0.01 min

Lab File: VY002521.D

Acq: 01 May 2020 12:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0501SBSD01

Tot Ion: 43 Resp: 102046

Ion Ratio Lower Upper

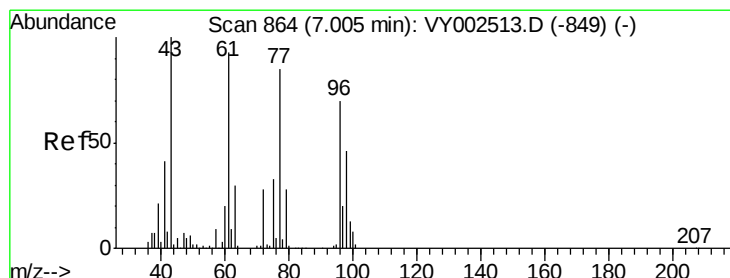
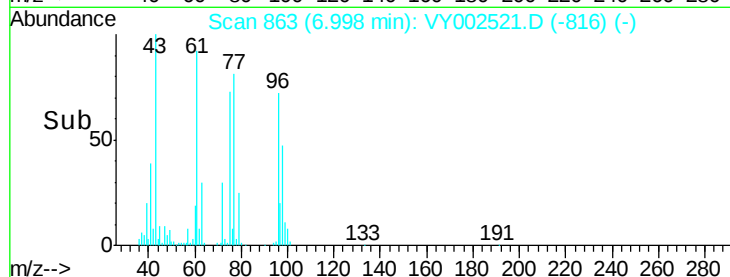
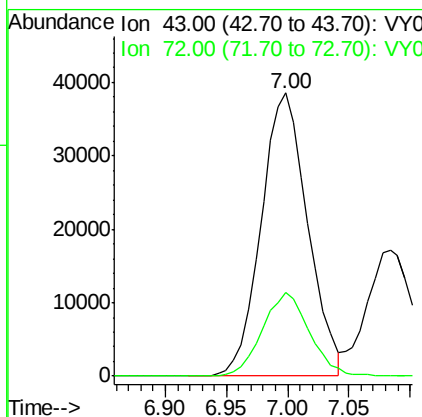
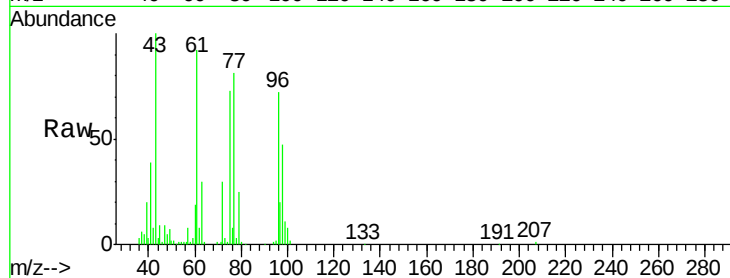
43 100

72 29.6 24.1 36.1

Manual Integrations
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5/4/2020 2:19:13 PM



#26

2,2-Dichloropropane

Concen: 18.843 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.01 min

Lab File: VY002521.D

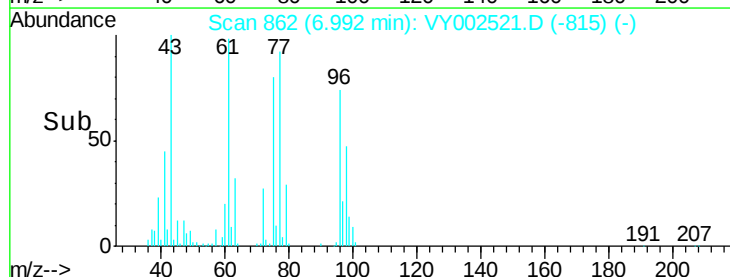
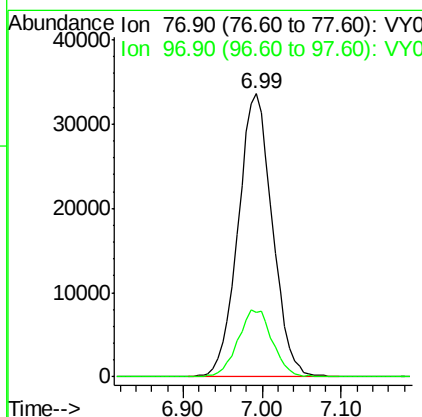
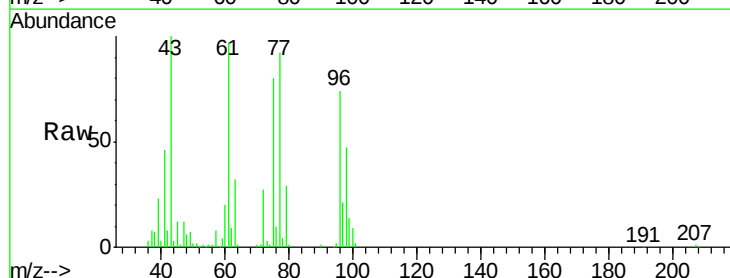
Acq: 01 May 2020 12:09

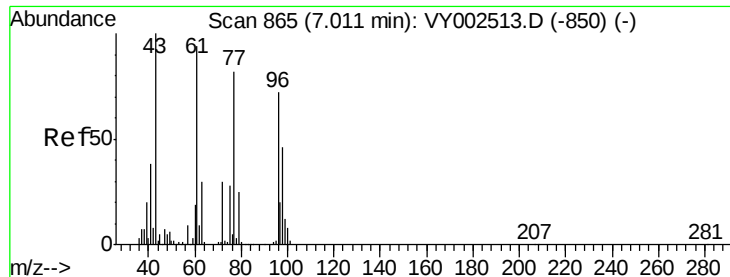
Tgt Ion: 77 Resp: 101291

Ion Ratio Lower Upper

77 100

97 23.8 11.9 35.5





#27

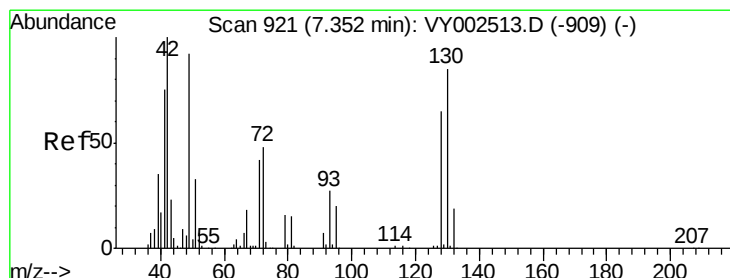
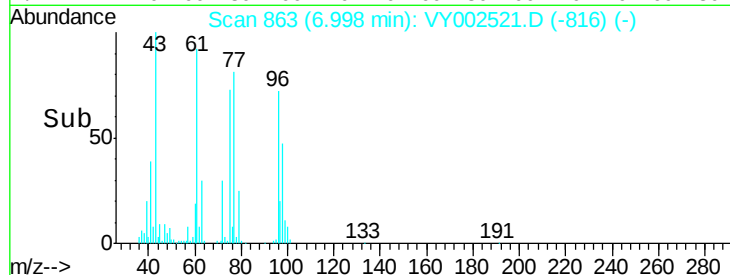
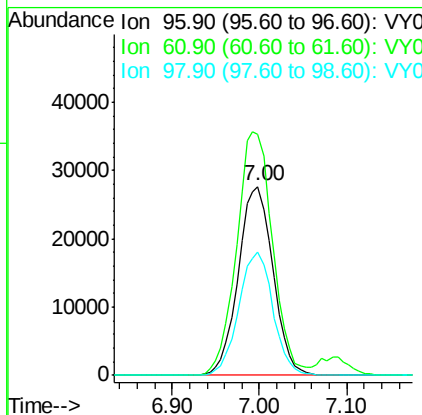
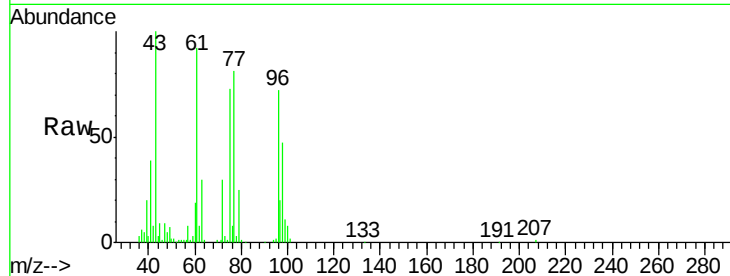
cis-1,2-Dichloroethene
Concen: 19.537 ug/l
RT: 7.00 min Scan# 863
Delta R.T. -0.01 min
Lab File: VY002521.D
Acq: 01 May 2020 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
96	100				
61	133.7	0.0	266.6		
98	64.3	0.0	129.2		

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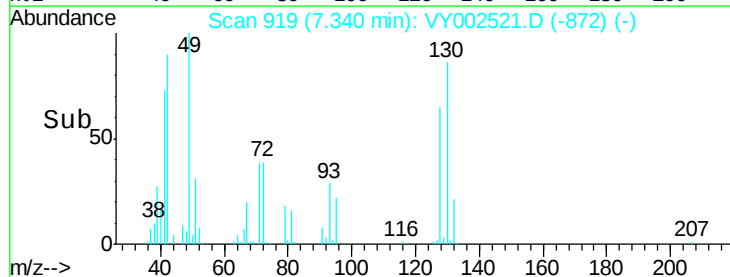
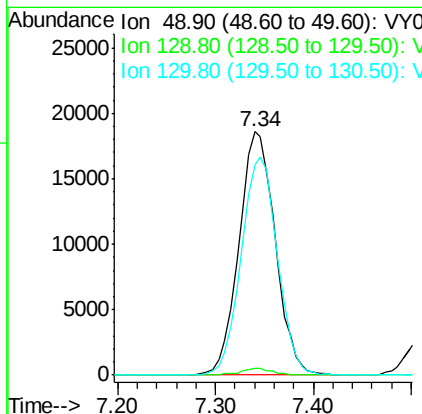
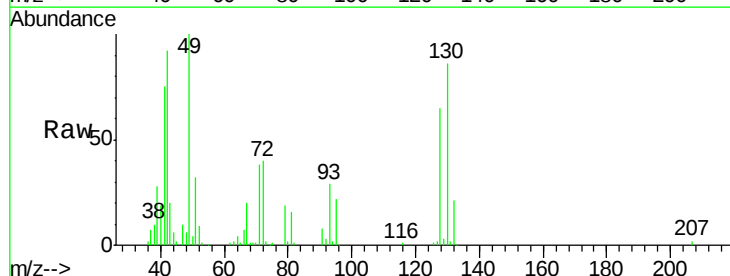
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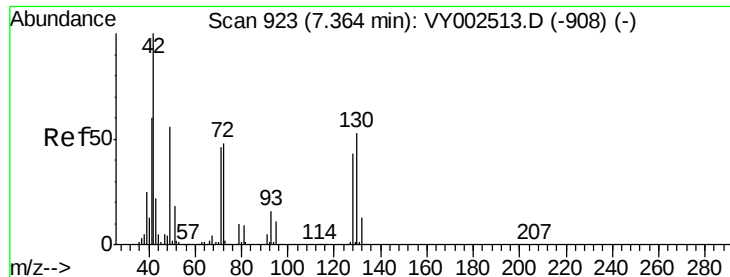


#28

Bromochloromethane
Concen: 20.616 ug/l
RT: 7.34 min Scan# 919
Delta R.T. -0.01 min
Lab File: VY002521.D
Acq: 01 May 2020 12:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
49	100				
129	2.4	0.0	4.8		
130	89.3	72.5	108.7		





#29

Tetrahydrofuran

Concen: 99.367 ug/l

RT: 7.35 min Scan# 921

Delta R.T. -0.01 min

Lab File: VY002521.D

Acq: 01 May 2020 12:09

Instrument :

MSVOA_Y

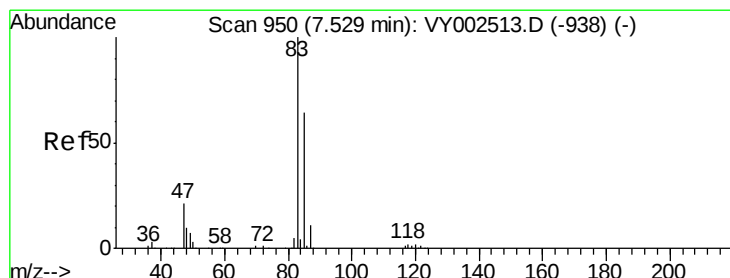
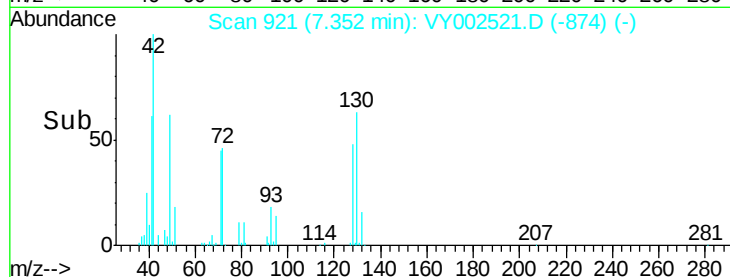
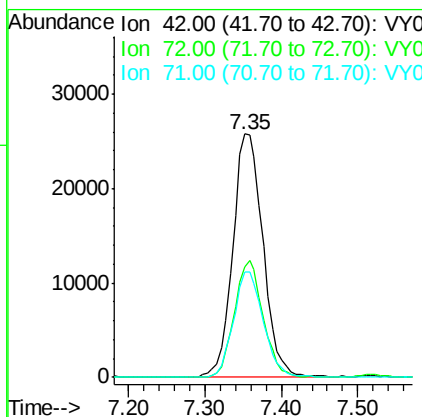
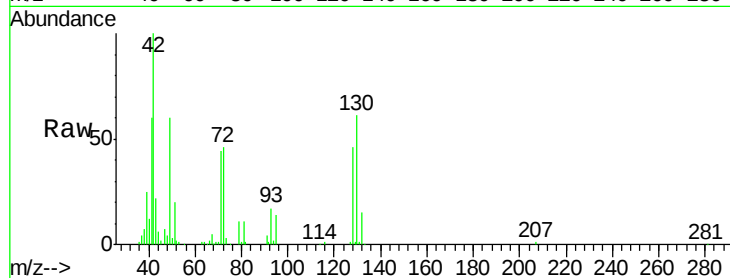
ClientSampleId :

VY0501SBSD01

Tot Ion:	42	Resp:	70342
Ion	Ratio	Lower	Upper
42	100		
72	45.5	37.4	56.2
71	42.9	35.0	52.4

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#30

Chloroform

Concen: 19.298 ug/l

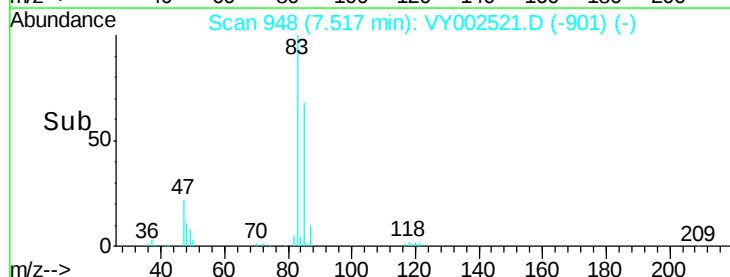
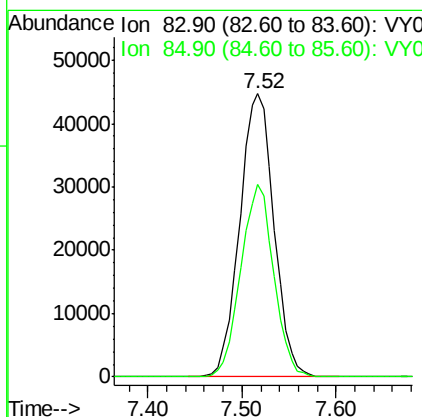
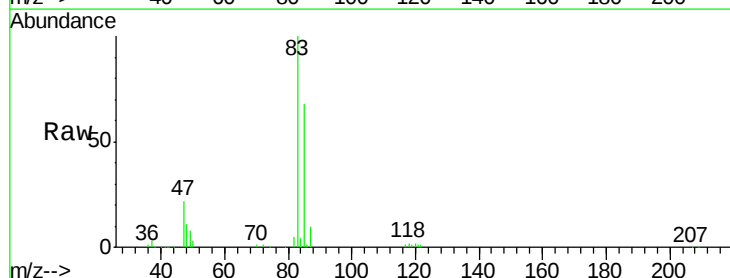
RT: 7.52 min Scan# 948

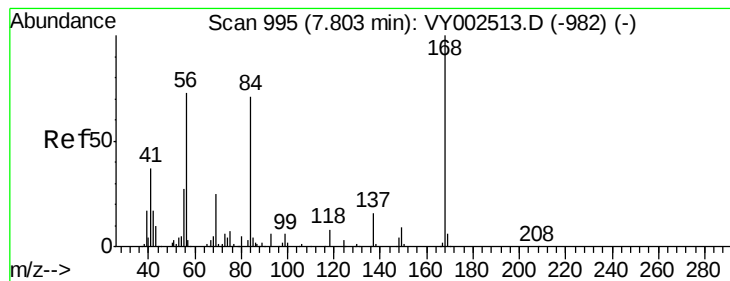
Delta R.T. -0.01 min

Lab File: VY002521.D

Acq: 01 May 2020 12:09

Tgt Ion:	83	Resp:	113476
Ion	Ratio	Lower	Upper
83	100		
85	67.8	51.5	77.3





#31

Cyclohexane

Concen: 18.371 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.01 min

Lab File: VY002521.D

Acq: 01 May 2020 12:09

Instrument :

MSVOA_Y

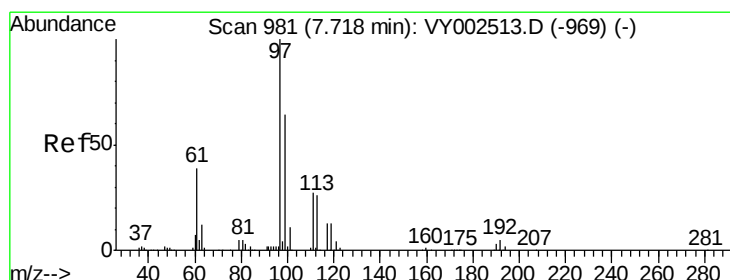
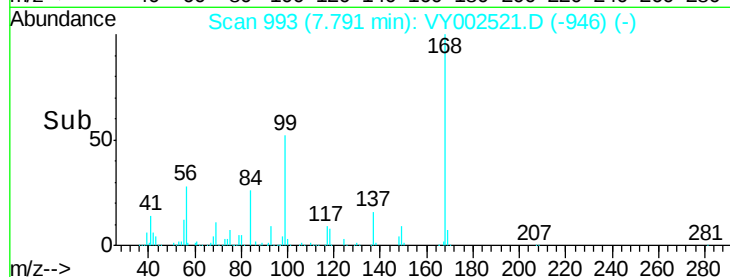
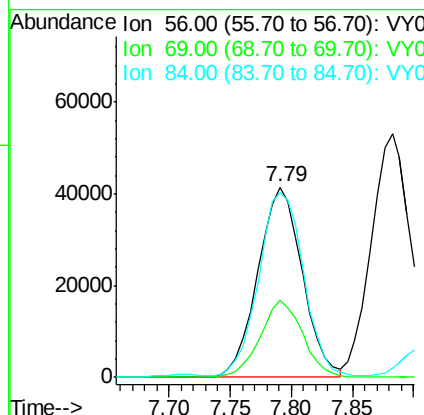
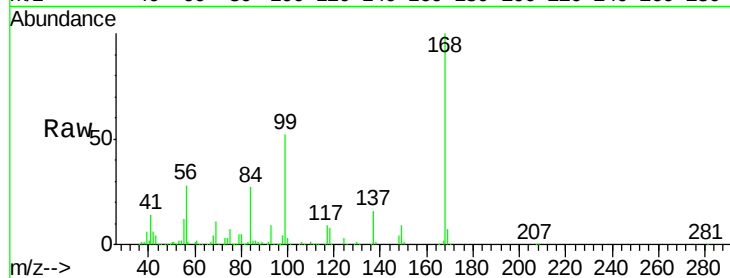
ClientSampleId :

VY0501SBSD01

Tot Ion:	56	Resp:	104581
Ion	Ratio	Lower	Upper
56	100		
69	40.5	27.6	41.4
84	95.7	77.7	116.5

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#32

1,1,1-Trichloroethane

Concen: 19.200 ug/l

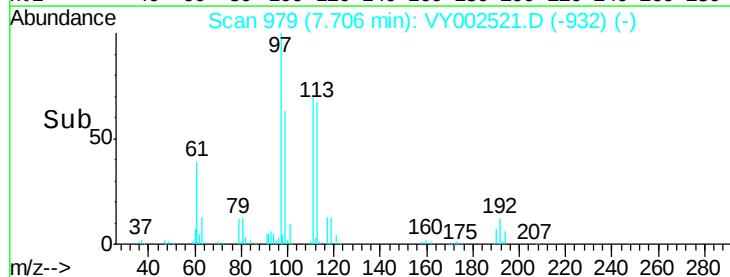
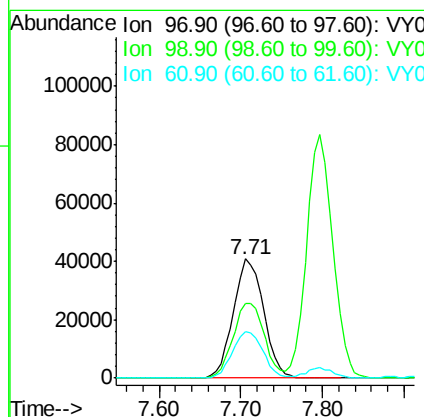
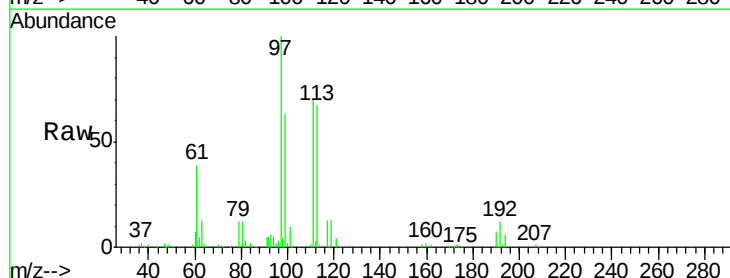
RT: 7.71 min Scan# 979

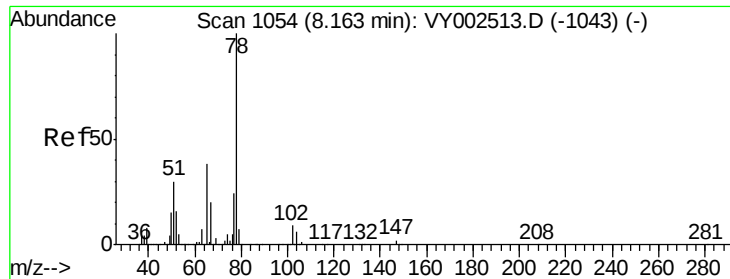
Delta R.T. -0.01 min

Lab File: VY002521.D

Acq: 01 May 2020 12:09

Tgt Ion:	97	Resp:	104939
Ion	Ratio	Lower	Upper
97	100		
99	64.9	51.9	77.9
61	39.4	31.0	46.6





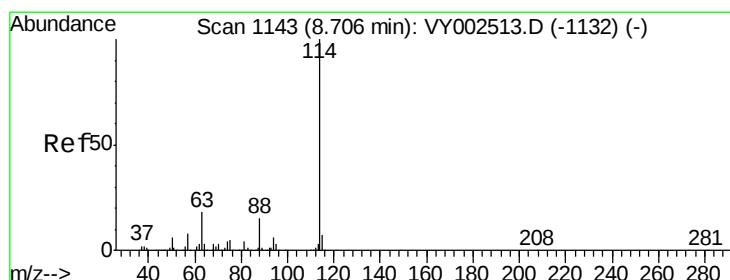
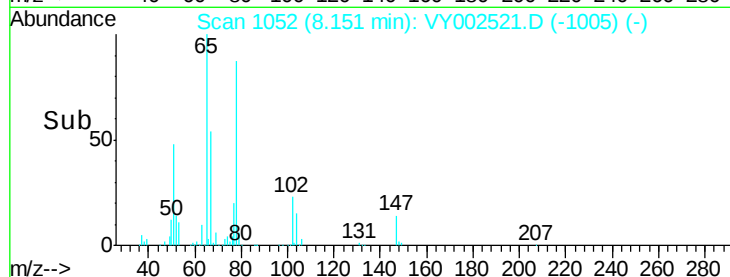
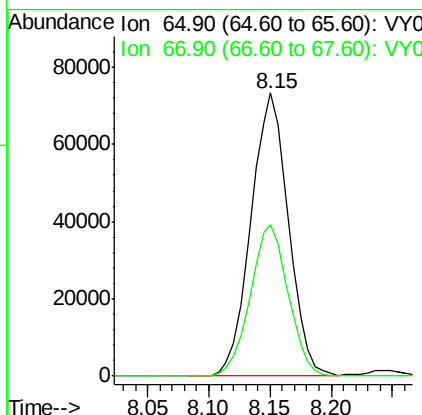
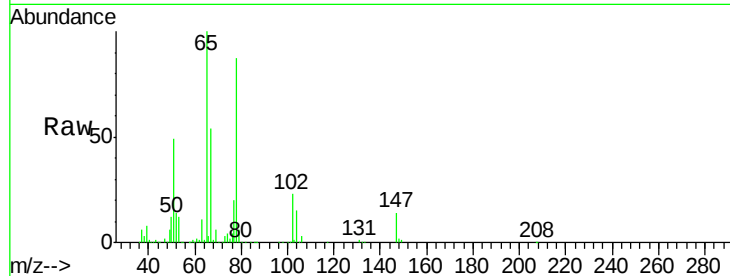
#33
 1,2-Dichloroethane-d4
 Concen: 49.330 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: VY002521.D
 Acq: 01 May 2020 12:09

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0501SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	54.1	0.0	107.2	

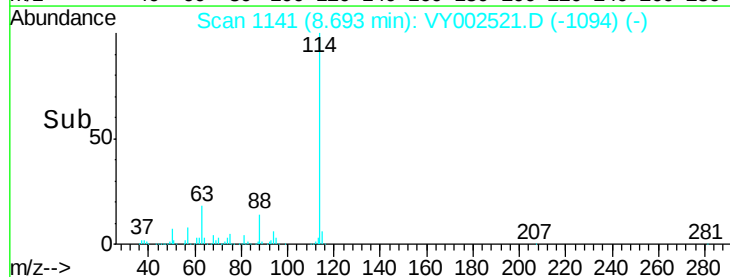
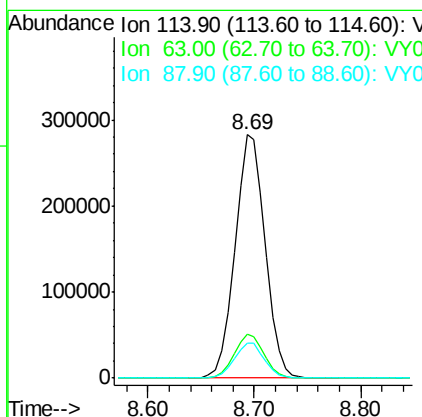
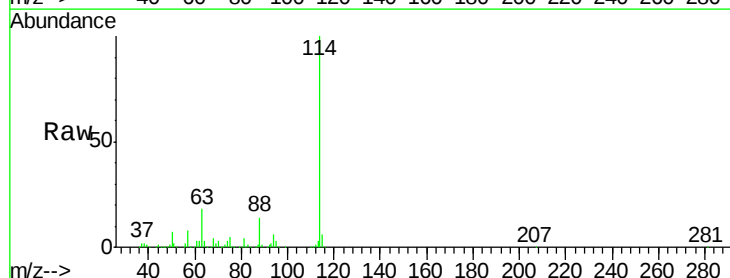
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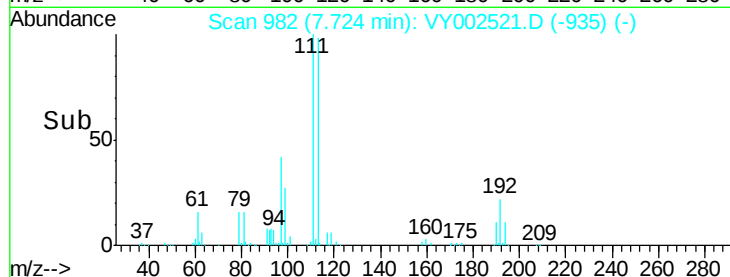
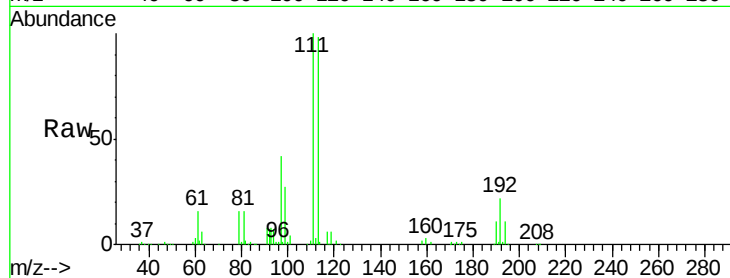
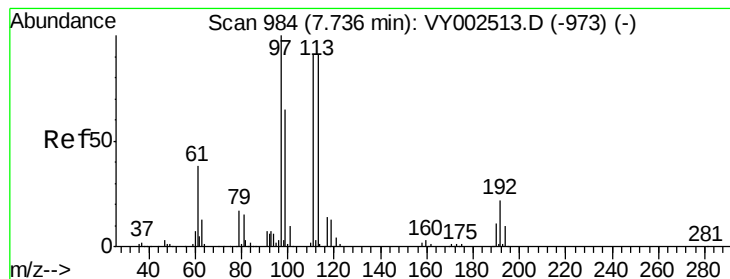
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: VY002521.D
 Acq: 01 May 2020 12:09

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	18.2	0.0	36.4	
88	14.4	0.0	29.6	





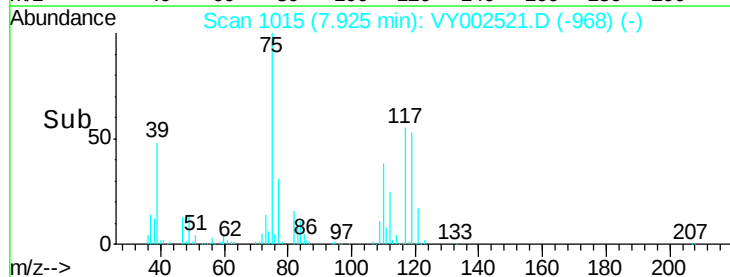
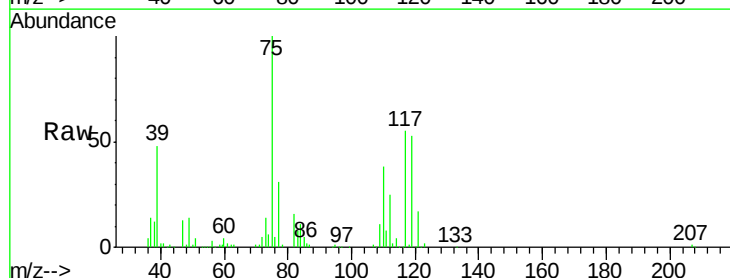
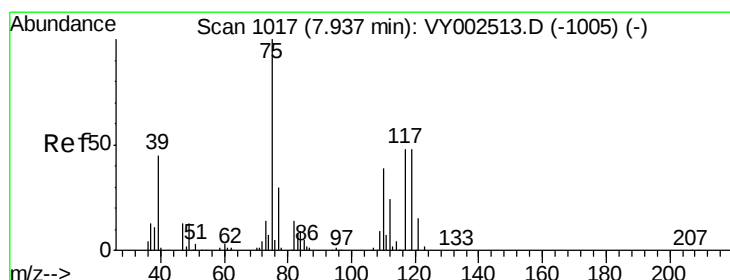
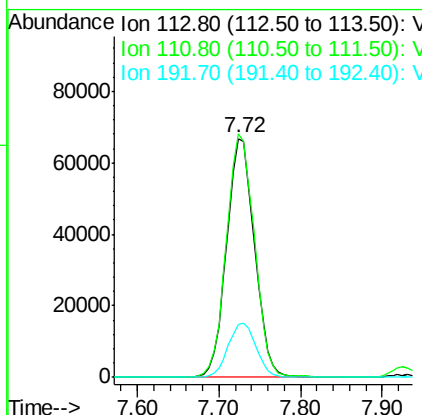
#35
Dibromofluoromethane
Concen: 49.450 ug/l
RT: 7.72 min Scan# 982
Delta R.T. -0.01 min
Lab File: VY002521.D
Acq: 01 May 2020 12:09

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	102.7	81.8	122.6	
192	22.8	18.2	27.4	

Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBSD01

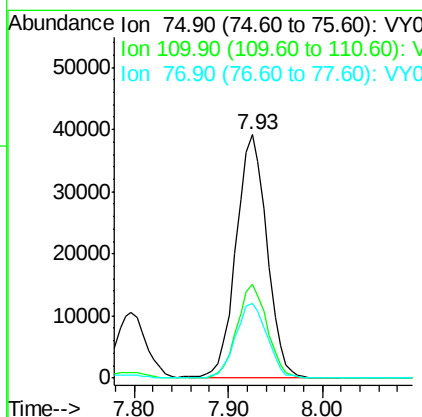
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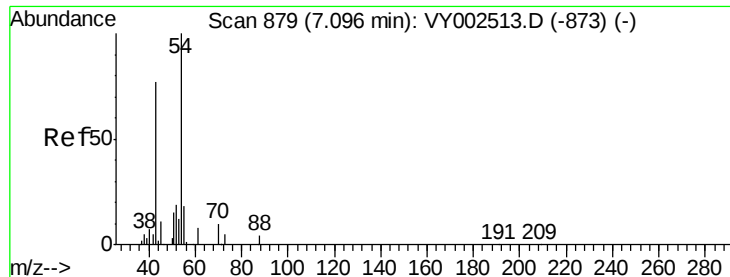
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#36
1,1-Dichloropropene
Concen: 19.064 ug/l
RT: 7.93 min Scan# 1015
Delta R.T. -0.01 min
Lab File: VY002521.D
Acq: 01 May 2020 12:09

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	37.7	19.1	57.3	
77	31.5	24.6	37.0	





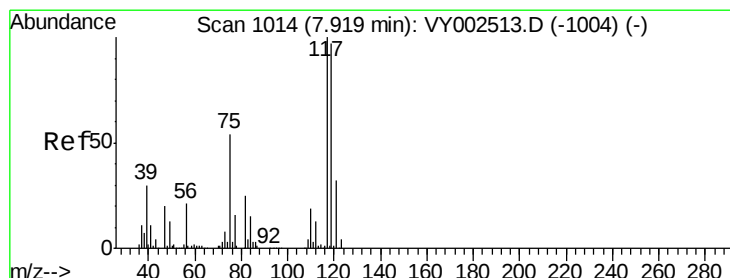
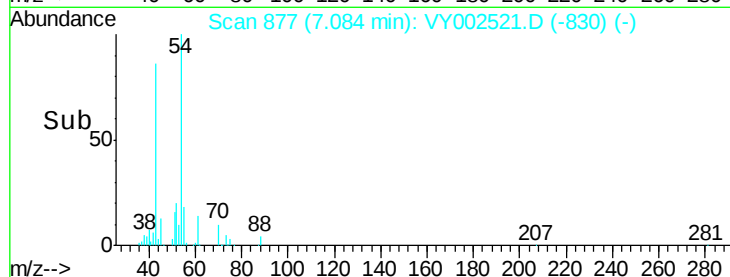
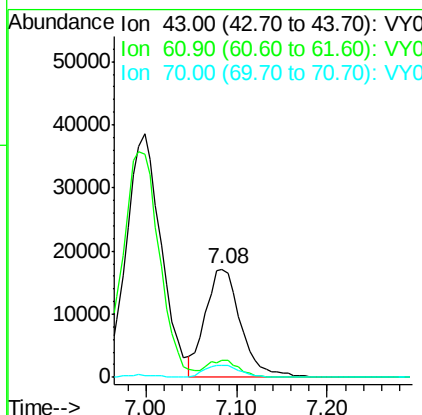
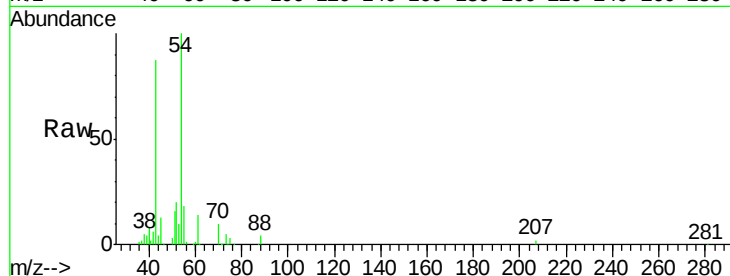
#37
Ethyl Acetate
Concen: 19.374 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.01 min
Lab File: VY002521.D
Acq: 01 May 2020 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.7	11.6	17.4
70	11.6	9.0	13.6

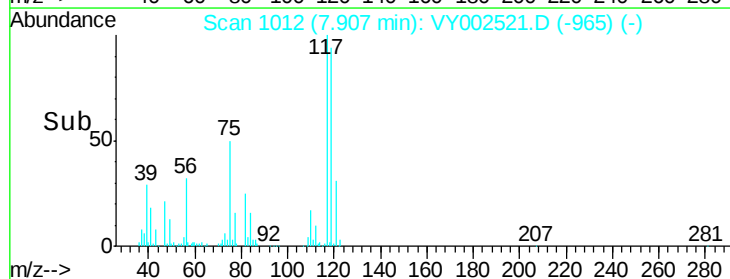
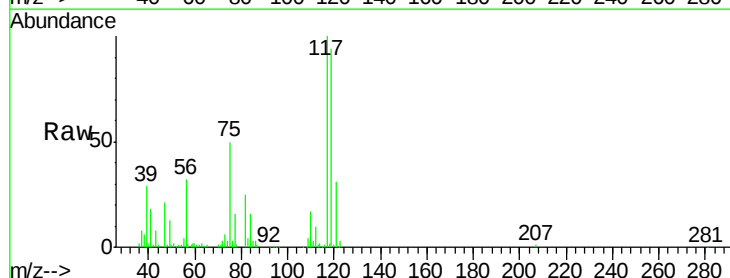
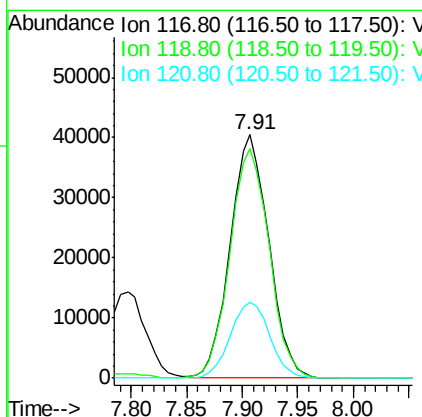
Manual Integrations
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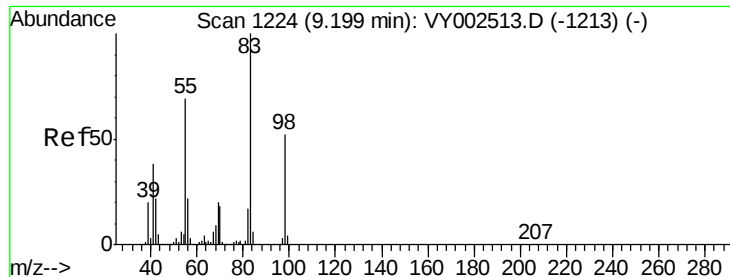
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#38
Carbon Tetrachloride
Concen: 19.104 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.01 min
Lab File: VY002521.D
Acq: 01 May 2020 12:09

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.2	77.1	115.7
121	31.3	25.2	37.8





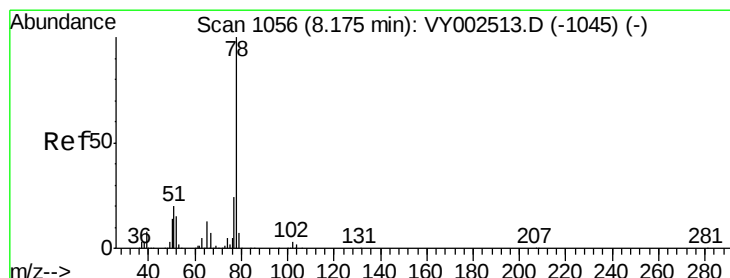
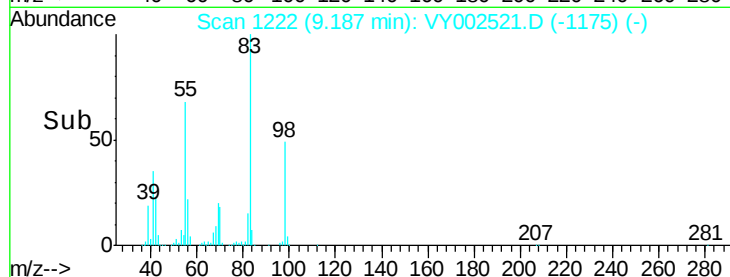
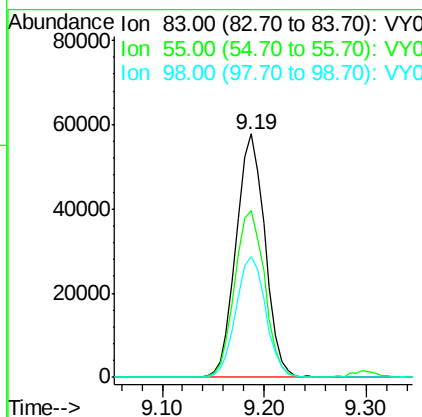
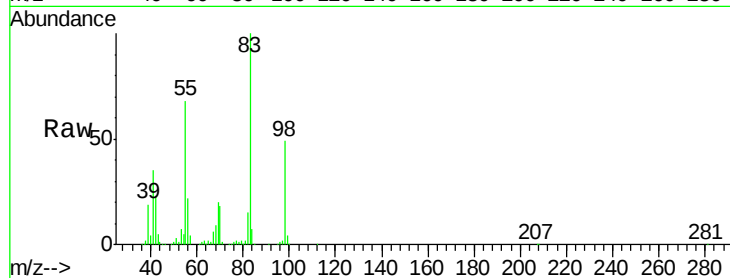
#39
Methvlcvclohexane
Concen: 18.348 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.01 min
Lab File: VY002521.D
Acq: 01 May 2020 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
83	100	113350		
55	68.3		55.4	83.0
98	49.5		41.3	61.9

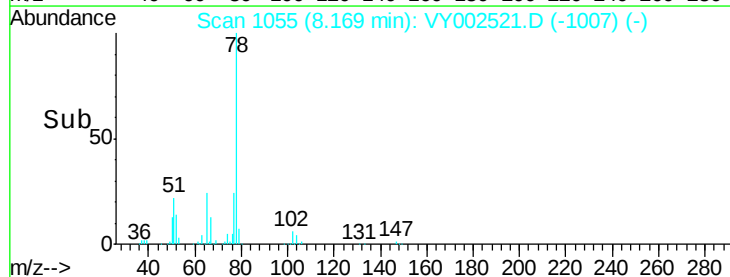
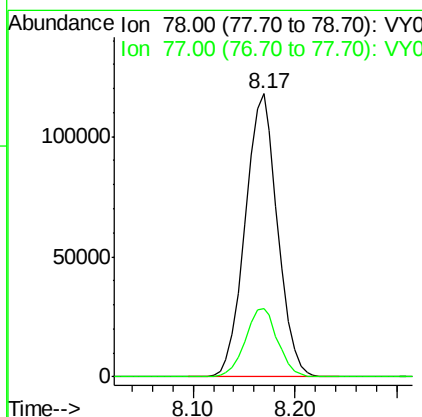
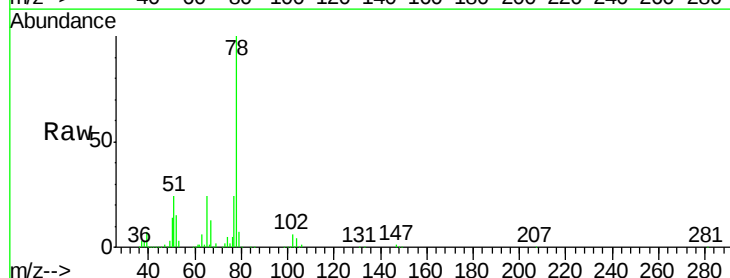
Manual Integrations
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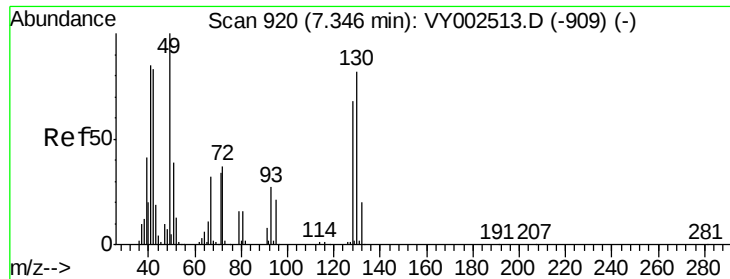
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#40
Benzene
Concen: 19.213 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.01 min
Lab File: VY002521.D
Acq: 01 May 2020 12:09

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	259544		
77	24.2		19.2	28.8





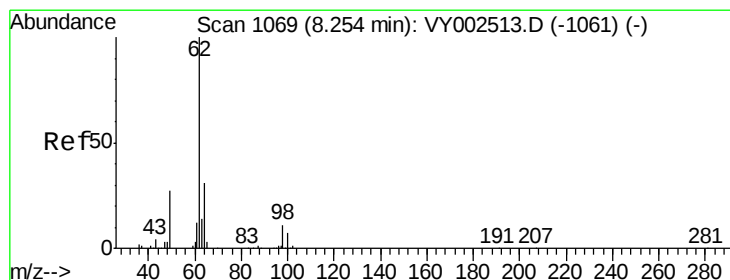
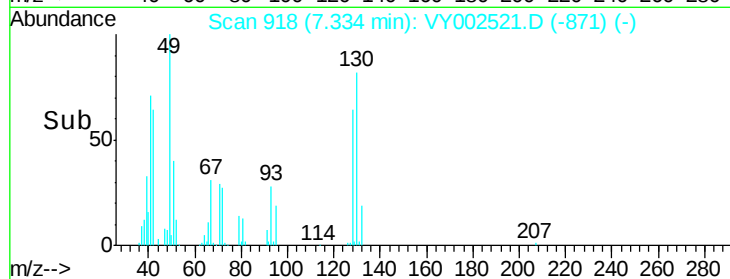
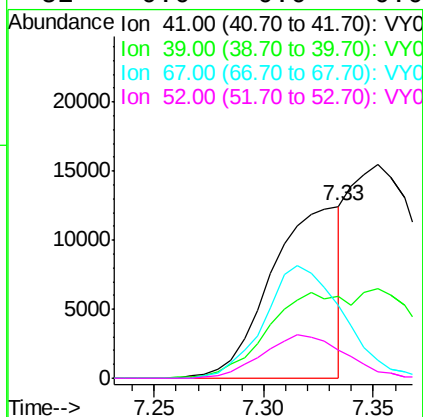
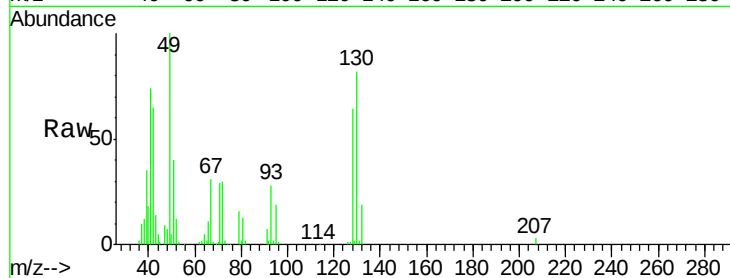
#41
Methacrylonitrile
Concen: 21.210 ug/l m
RT: 7.33 min Scan# 918
Delta R.T. -0.01 min
Lab File: VY002521.D
Acq: 01 May 2020 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBSD01

Tot Ion	41	Resp	27410
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

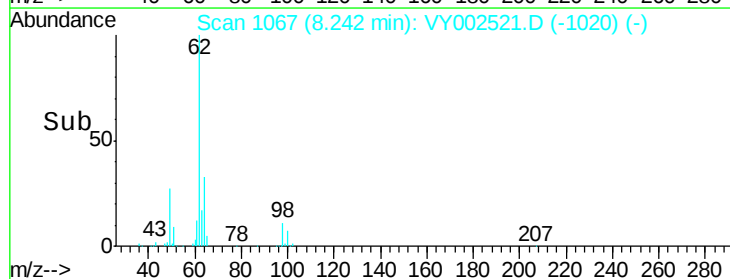
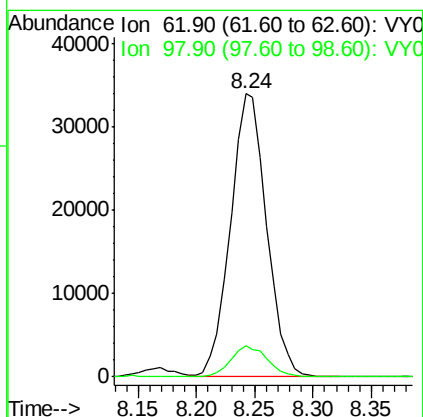
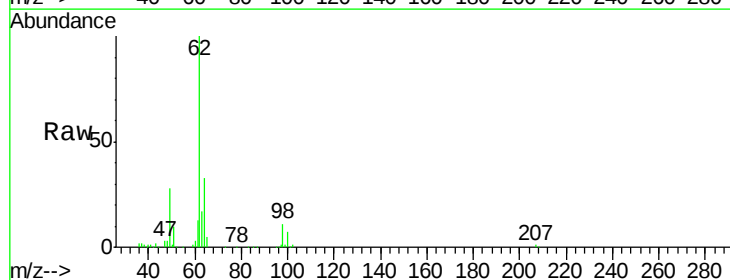
Manual Integrations
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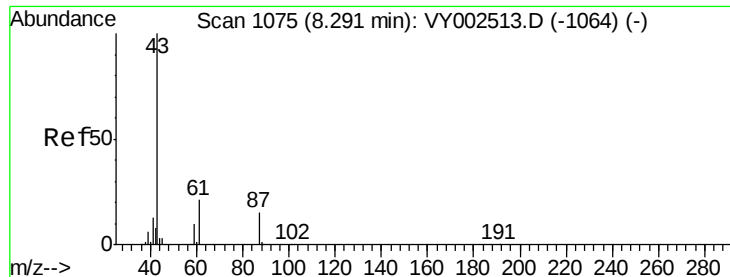
MMDadoda
5/4/2020 2:19:13 PM



#42
1,2-Dichloroethane
Concen: 19.371 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.01 min
Lab File: VY002521.D
Acq: 01 May 2020 12:09

Tgt Ion	62	Resp	73403
Ion	Ratio	Lower	Upper
62	100		
98	11.1	0.0	21.0





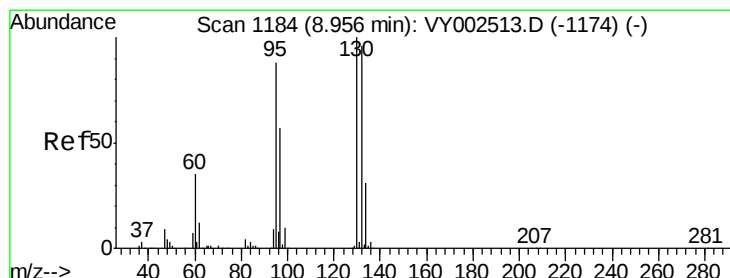
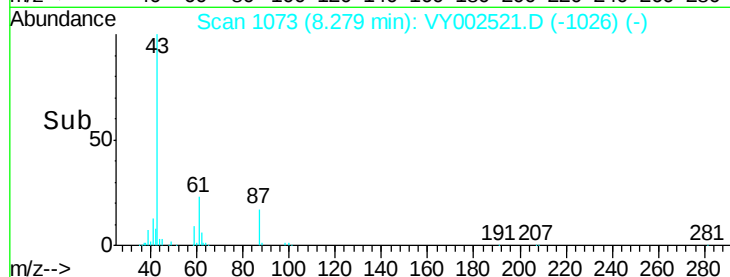
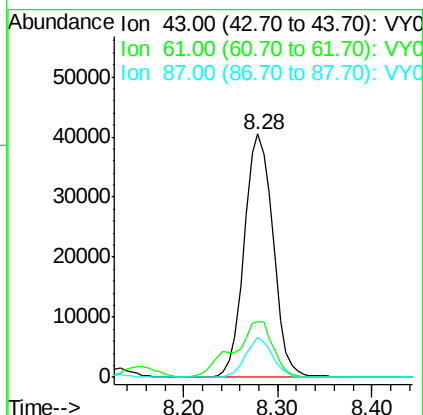
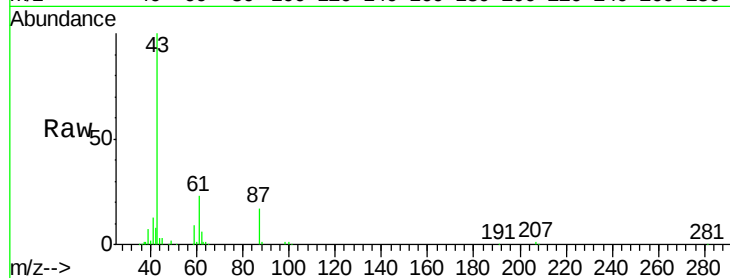
#43
Isopropyl Acetate
Concen: 19.221 ug/l
RT: 8.28 min Scan# 1073
Delta R.T. -0.01 min
Lab File: VY002521.D
Acq: 01 May 2020 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	31.4	24.8	37.2
87	15.3	12.2	18.2

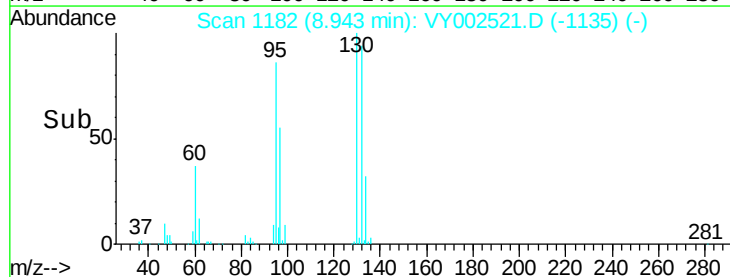
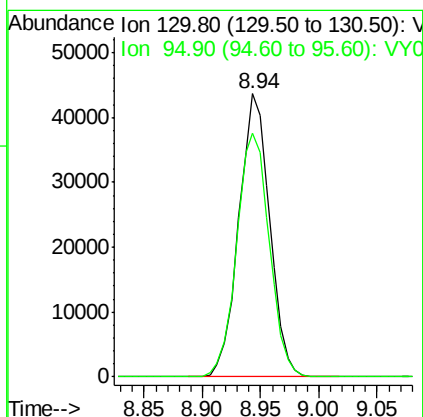
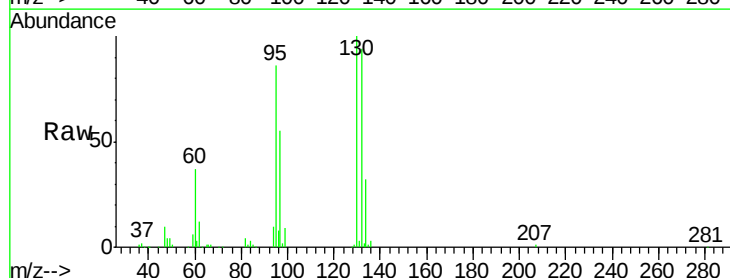
Manual Integrations
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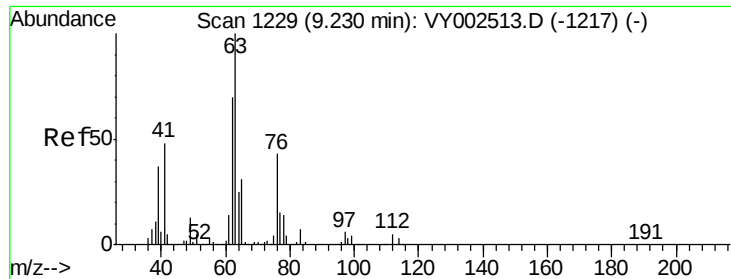
MMDadoda
5/4/2020 2:19:13 PM



#44
Trichloroethene
Concen: 19.178 ug/l
RT: 8.94 min Scan# 1182
Delta R.T. -0.01 min
Lab File: VY002521.D
Acq: 01 May 2020 12:09

Tgt Ion	Ratio	Lower	Upper
130	100		
95	86.1	0.0	175.8





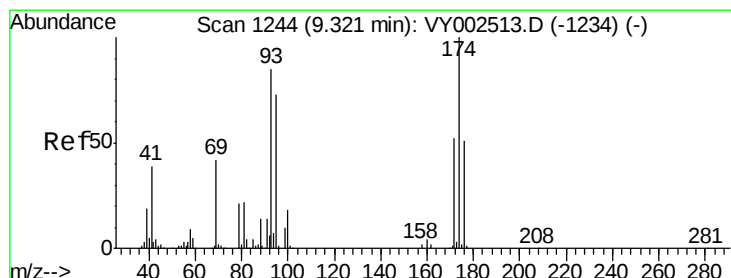
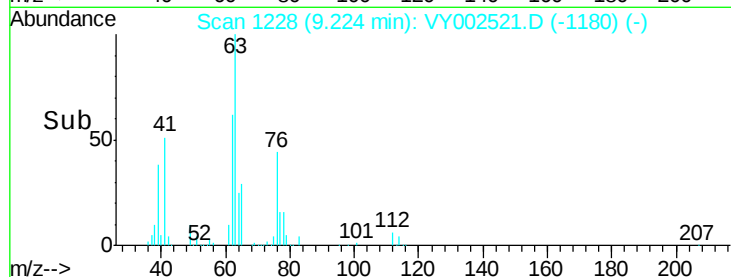
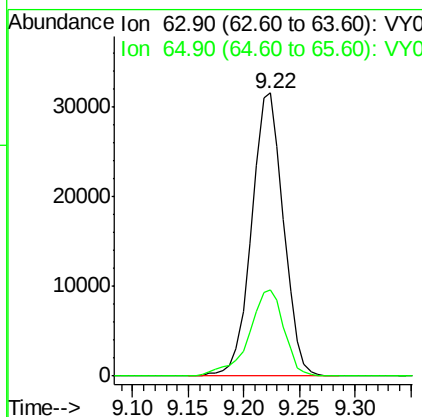
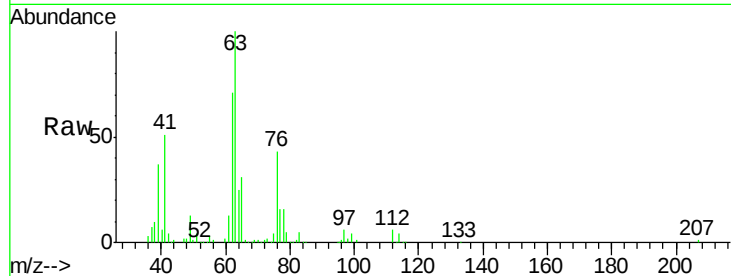
#45
 1,2-Dichloropropane
 Concen: 19.292 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: VY002521.D
 Acq: 01 May 2020 12:09

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0501SBSD01

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.5	24.5	36.7

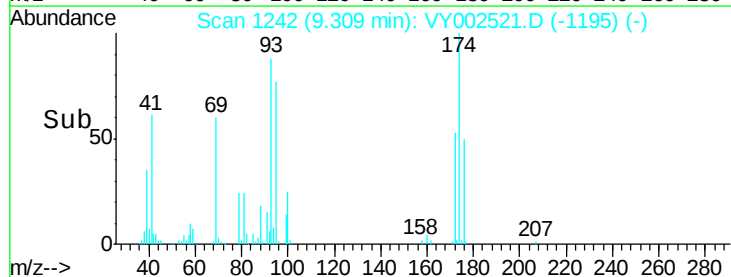
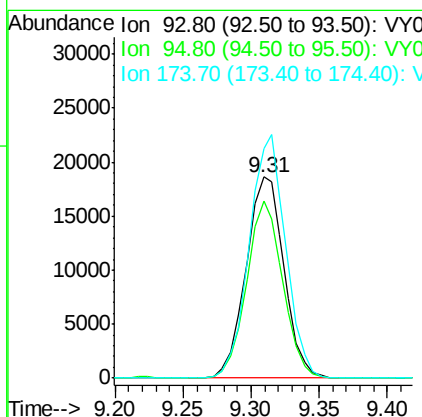
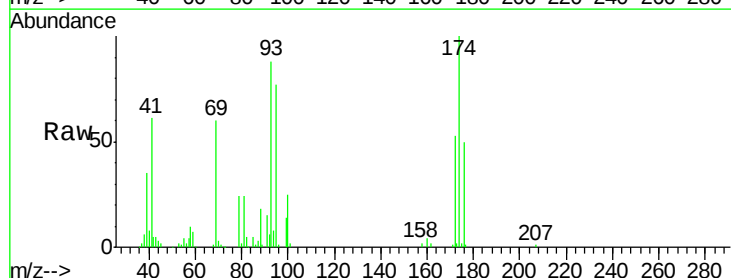
Manual Integrations
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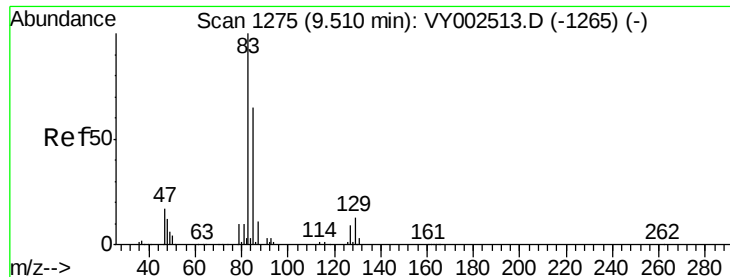
MMDadoda
 5/4/2020 2:19:13 PM



#46
 Dibromomethane
 Concen: 19.351 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.01 min
 Lab File: VY002521.D
 Acq: 01 May 2020 12:09

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.8	67.0	100.4
174	116.0	92.7	139.1





#47

Bromodichloromethane

Concen: 19.491 ug/l

RT: 9.50 min Scan# 1274

Delta R.T. -0.01 min

Lab File: VY002521.D

Acq: 01 May 2020 12:09

Instrument :

MSVOA_Y

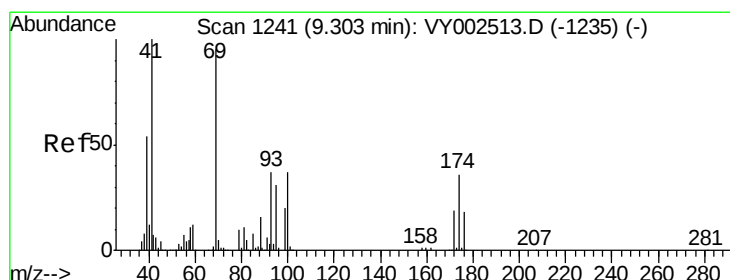
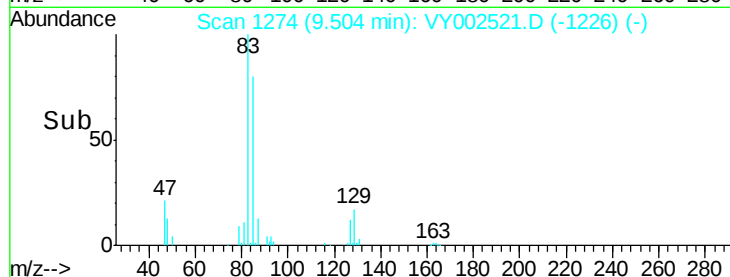
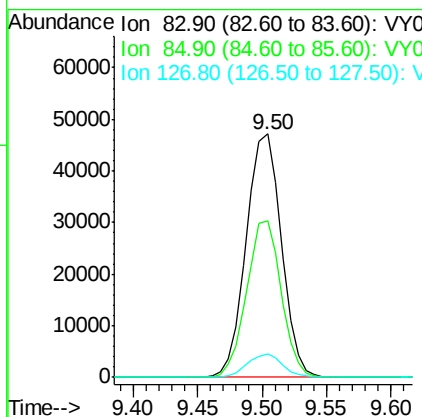
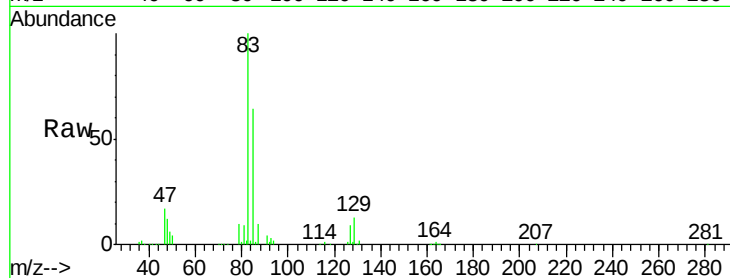
ClientSampleId :

VY0501SBSD01

Tot Ion:	83	Resp:	88904
Ion	Ratio	Lower	Upper
83	100		
85	64.2	51.8	77.8
127	9.4	7.4	11.0

Manual Integrations
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#48

Methyl methacrylate

Concen: 19.401 ug/l

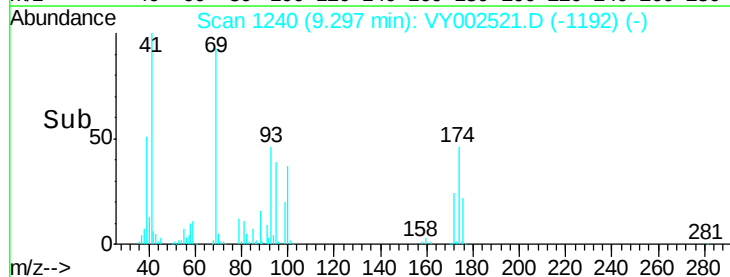
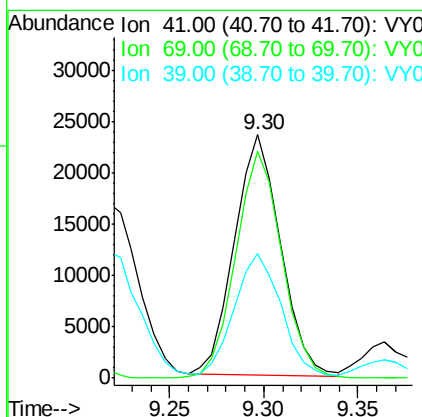
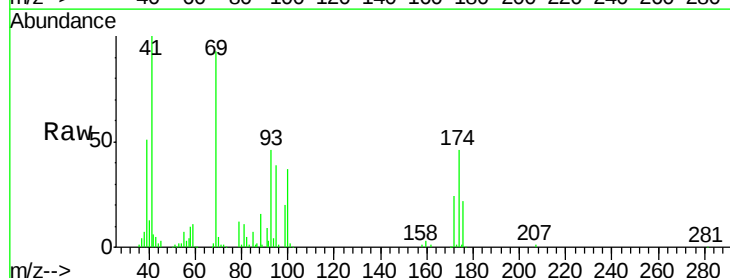
RT: 9.30 min Scan# 1240

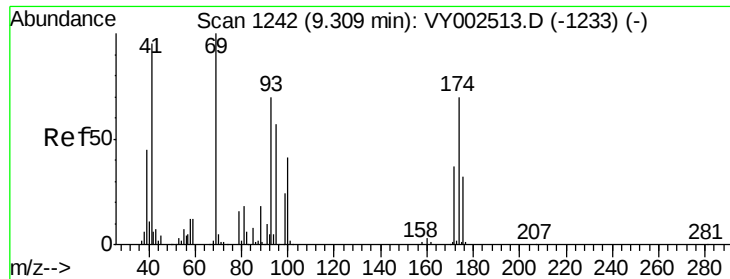
Delta R.T. -0.01 min

Lab File: VY002521.D

Acq: 01 May 2020 12:09

Tgt Ion:	41	Resp:	39564
Ion	Ratio	Lower	Upper
41	100		
69	94.9	76.2	114.4
39	53.8	42.7	64.1





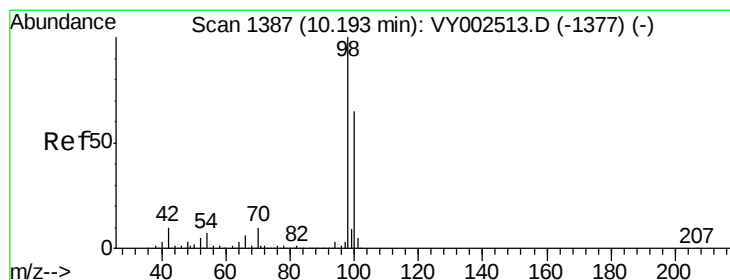
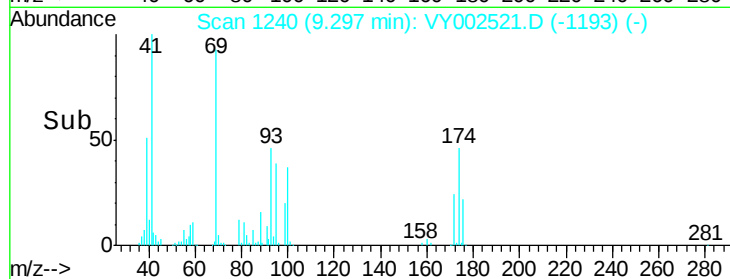
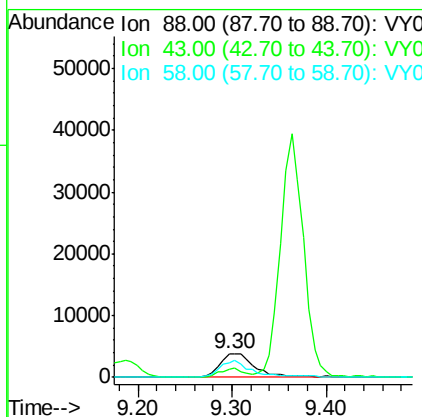
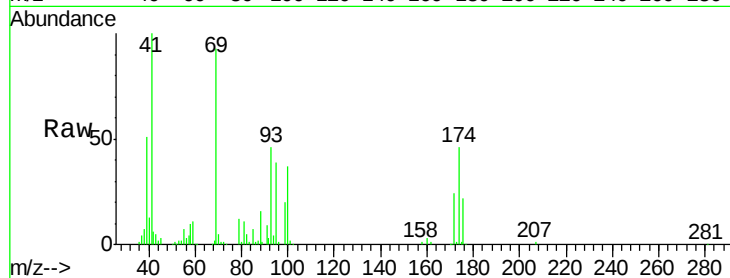
#49
1,4-Dioxane
Concen: 405.124 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. -0.01 min
Lab File: VY002521.D
Acq: 01 May 2020 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBSD01

Tot Ion	88	Resp	10062
Ion Ratio	Lower	Upper	
88	100		
43	26.5	22.8	34.2
58	66.4	51.4	77.2

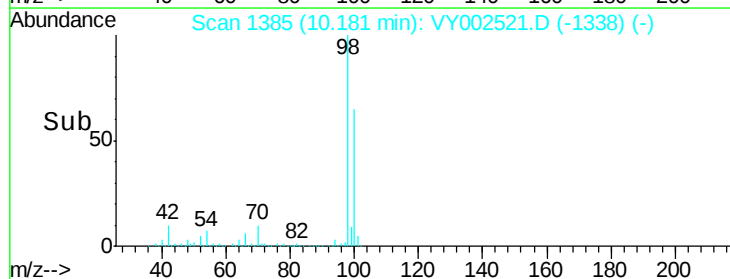
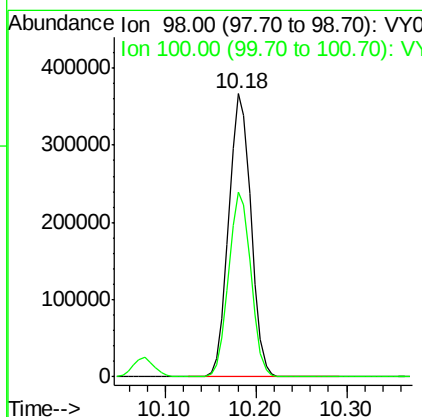
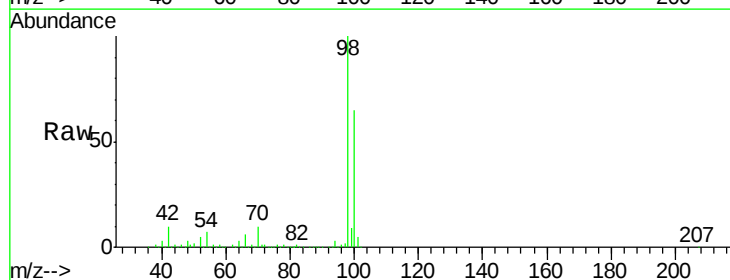
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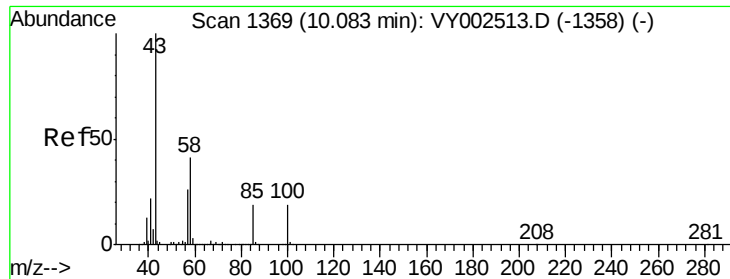
MMDadoda
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#50
Toluene-d8
Concen: 50.078 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.01 min
Lab File: VY002521.D
Acq: 01 May 2020 12:09

Tgt Ion	98	Resp	624015
Ion Ratio	Lower	Upper	
98	100		
100	65.4	52.2	78.2





#51

4-Methyl-2-Pentanone

Concen: 97.948 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. -0.01 min

Lab File: VY002521.D

Acq: 01 May 2020 12:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0501SBSD01

Tot Ion: 43 Resp: 227486

Ion Ratio Lower Upper

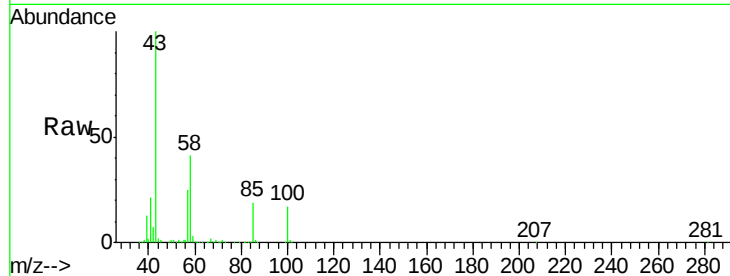
43 100

58 41.5 33.2 49.8

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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

10.07

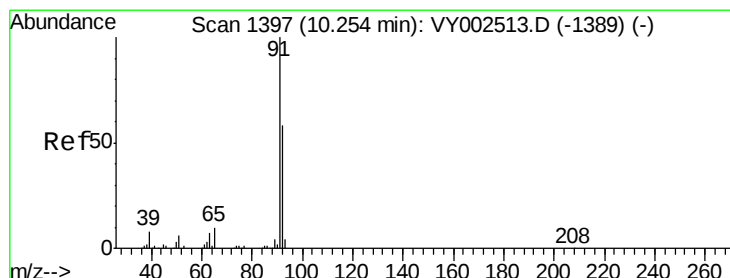
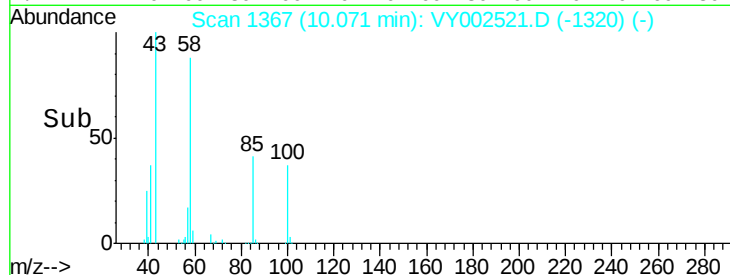
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 19.317 ug/l

RT: 10.25 min Scan# 1396

Delta R.T. -0.01 min

Lab File: VY002521.D

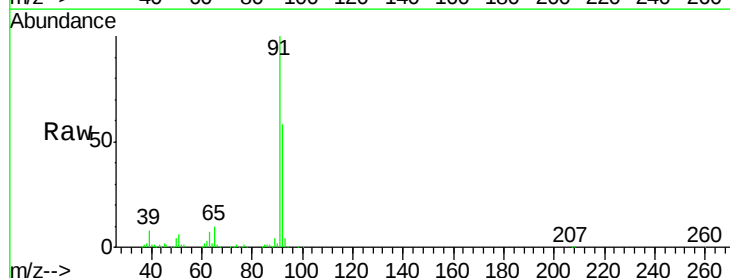
Acq: 01 May 2020 12:09

Tgt Ion: 92 Resp: 167709

Ion Ratio Lower Upper

92 100

91 172.7 139.3 208.9



Abundance Ion 92.00 (91.70 to 92.70): VY0

Ion 91.00 (90.70 to 91.70): VY0

200000

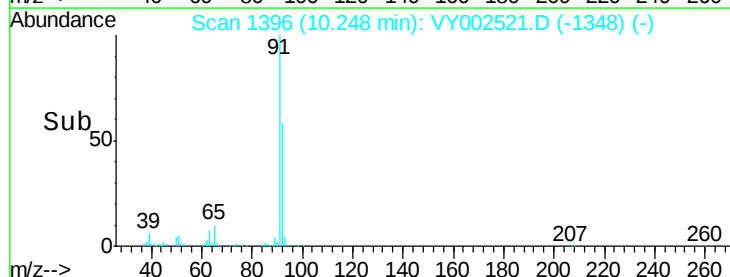
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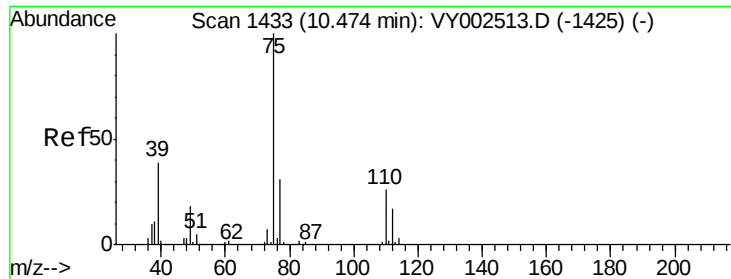
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50000

0

Time-->





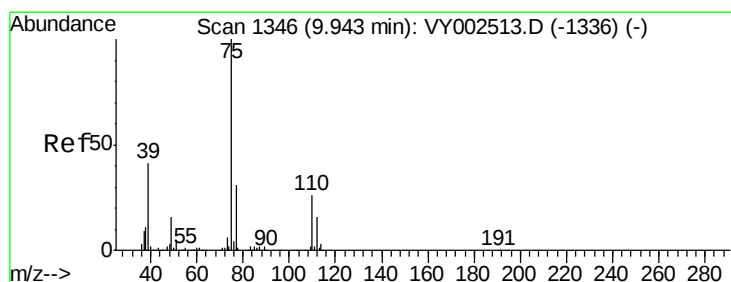
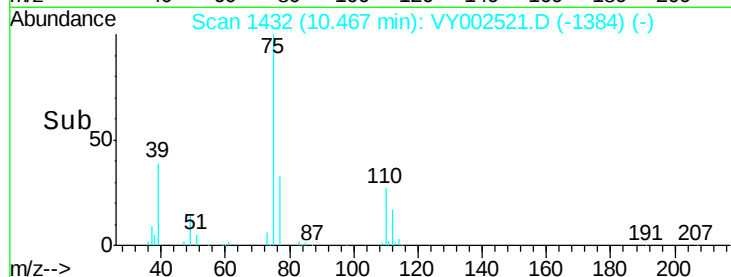
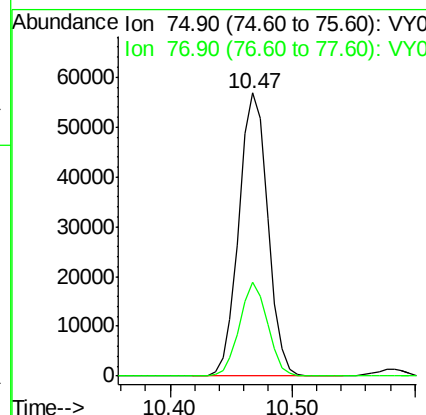
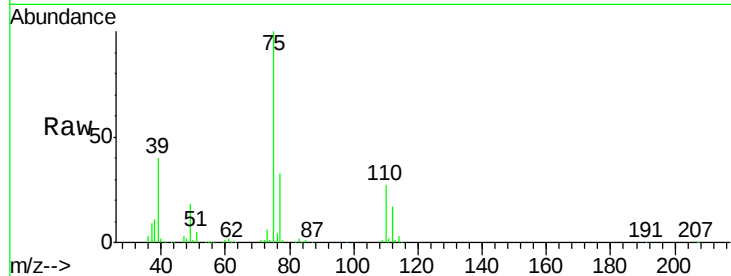
#53
t-1,3-Dichloropropene
Concen: 19.397 ug/l
RT: 10.47 min Scan# 1432
Delta R.T. -0.01 min
Lab File: VY002521.D
Acq: 01 May 2020 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBSD01

Tot Ion: 75 Resp: 92696
Ion Ratio Lower Upper
75 100
77 33.0 25.0 37.6

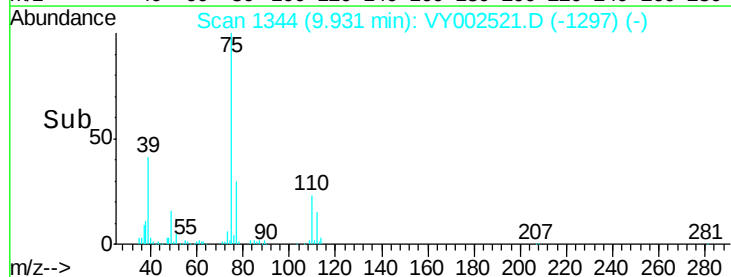
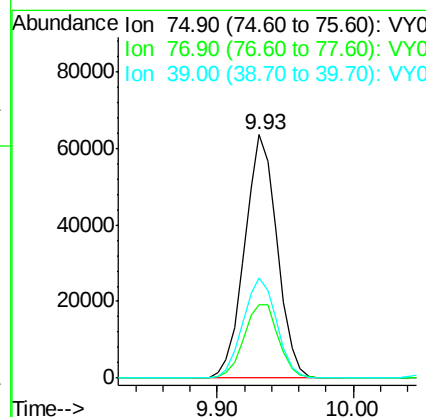
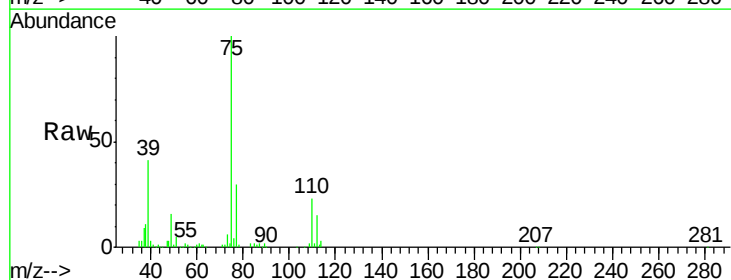
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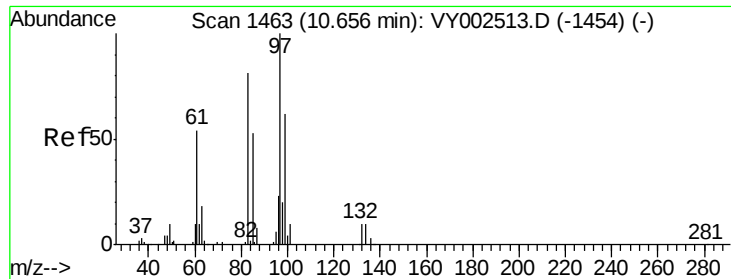
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#54
cis-1,3-Dichloropropene
Concen: 19.164 ug/l
RT: 9.93 min Scan# 1344
Delta R.T. -0.01 min
Lab File: VY002521.D
Acq: 01 May 2020 12:09

Tgt Ion: 75 Resp: 105878
Ion Ratio Lower Upper
75 100
77 30.0 25.1 37.7
39 41.0 32.7 49.1





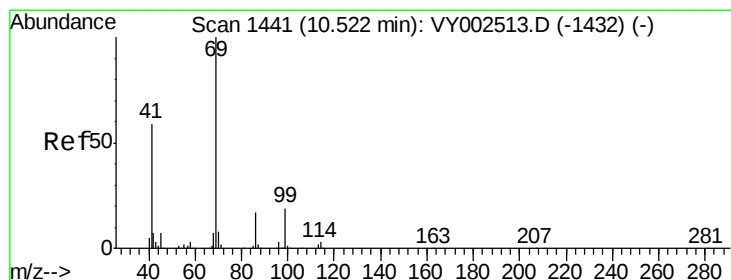
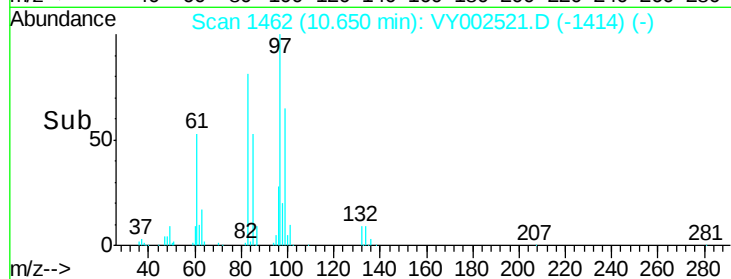
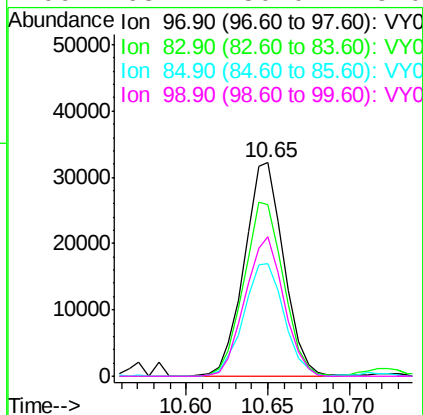
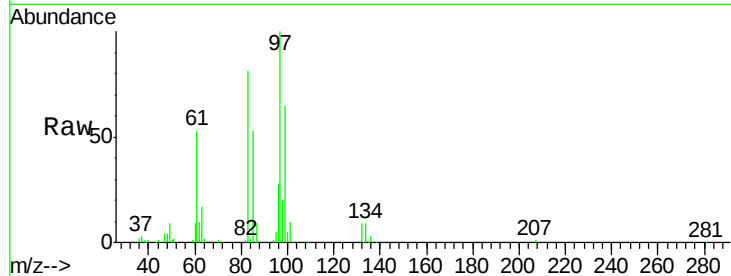
#55
 1,1,2-Trichloroethane
 Concen: 19.769 ug/l
 RT: 10.65 min Scan# 1462
 Delta R.T. -0.01 min
 Lab File: VY002521.D
 Acq: 01 May 2020 12:09

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0501SBSD01

Tot Ion:	97	Resp:	54078
Ion	Ratio	Lower	Upper
97	100		
83	80.5	65.1	97.7
85	52.7	42.7	64.1
99	65.1	50.0	75.0

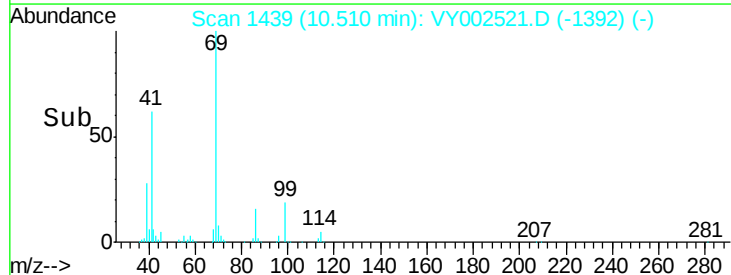
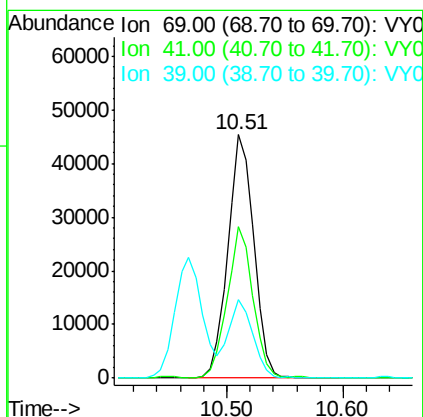
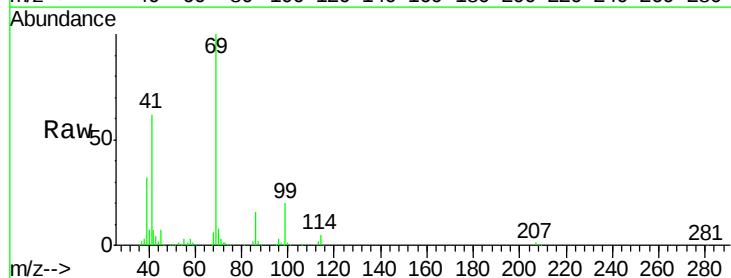
Manual Integrations
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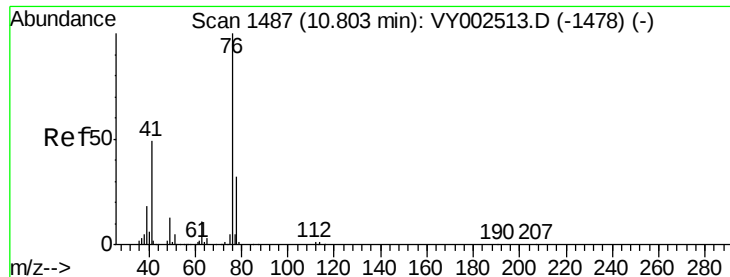
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#56
 Ethyl methacrylate
 Concen: 19.369 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: VY002521.D
 Acq: 01 May 2020 12:09

Tgt Ion:	69	Resp:	70486
Ion	Ratio	Lower	Upper
69	100		
41	61.3	48.6	73.0
39	30.0	25.0	37.4





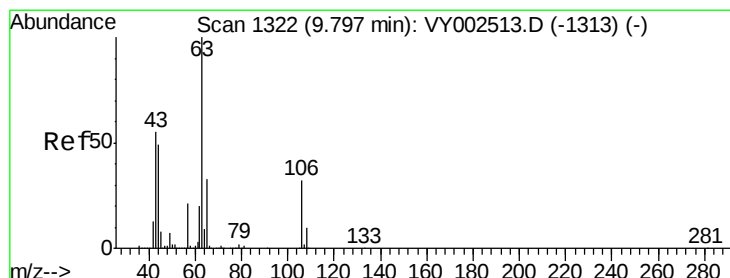
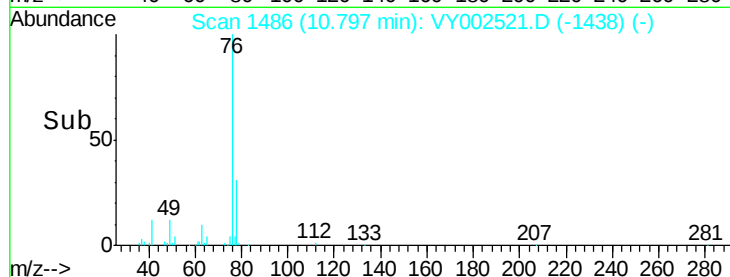
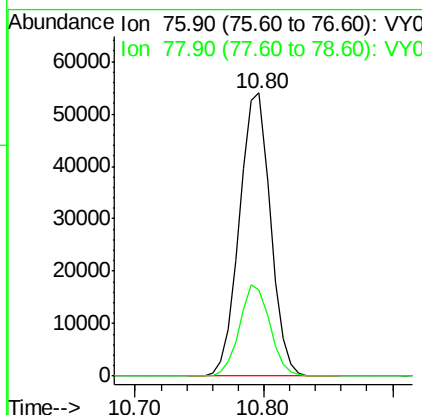
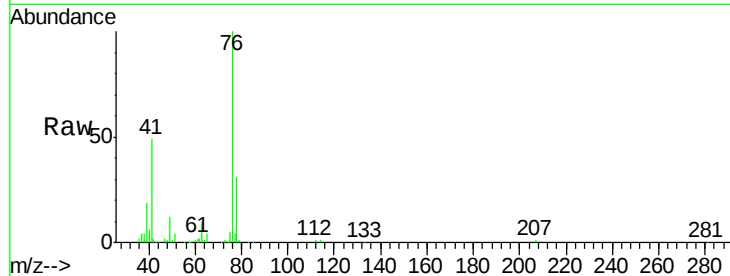
#57
 1,3-Dichloropropane
 Concen: 19.416 ug/l
 RT: 10.80 min Scan# 1486
 Delta R.T. -0.01 min
 Lab File: VY002521.D
 Acq: 01 May 2020 12:09

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0501SBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.5	25.4	38.2

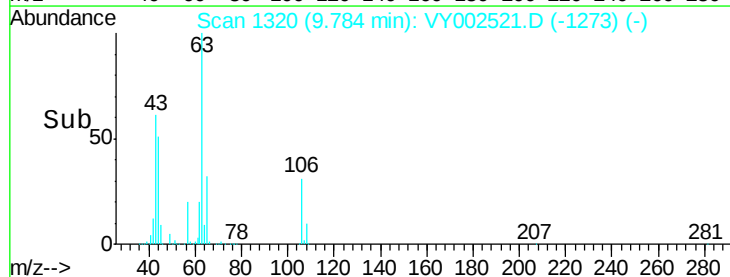
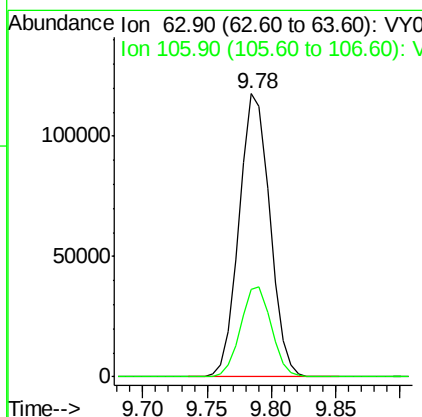
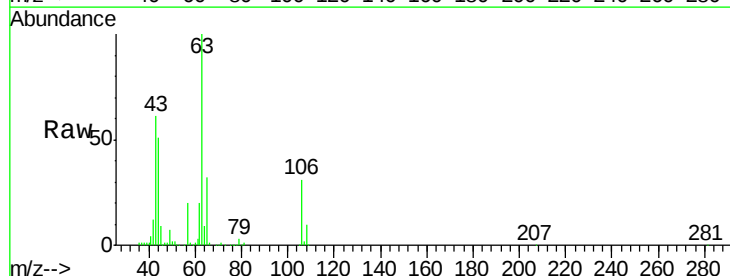
Manual Integrations
 APPROVED

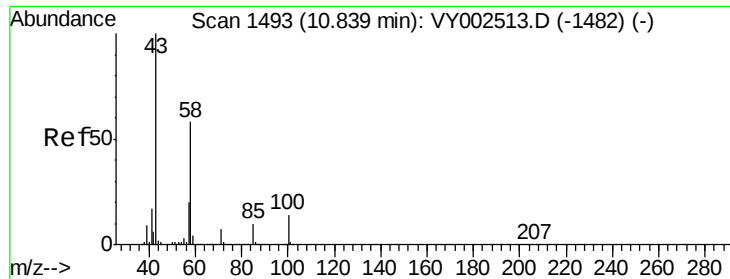
MMDadoda
 5/4/2020 2:19:13 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 101.494 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. -0.01 min
 Lab File: VY002521.D
 Acq: 01 May 2020 12:09

Tgt Ion	Ratio	Lower	Upper
63	100		
106	31.6	25.2	37.8





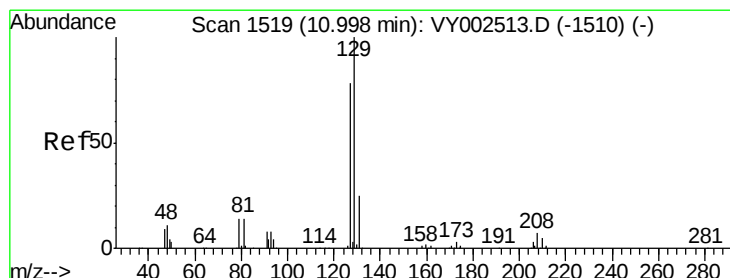
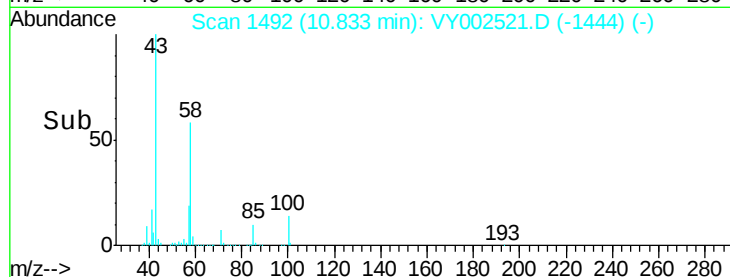
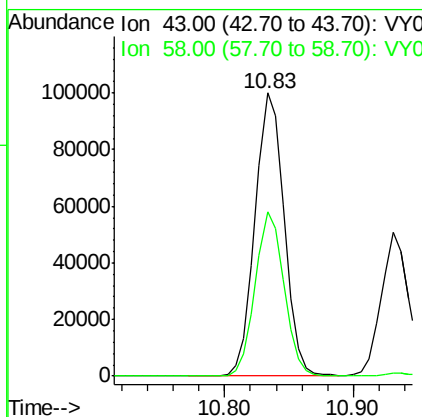
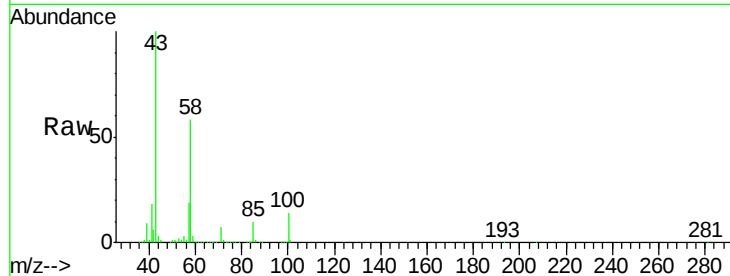
#59
2-Hexanone
Concen: 97.851 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.01 min
Lab File: VY002521.D
Acq: 01 May 2020 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBSD01

Tot Ion: 43 Resp: 156416
Ion Ratio Lower Upper
43 100
58 57.5 29.1 87.3

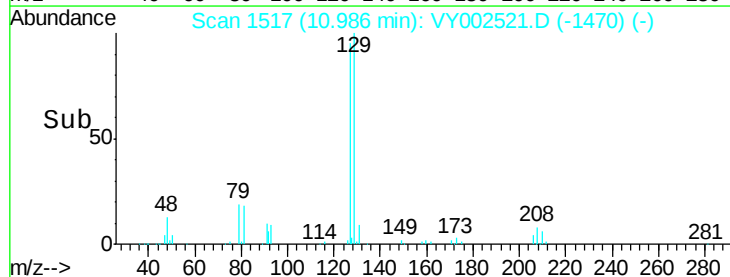
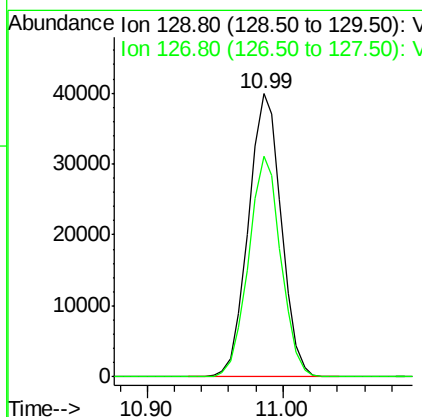
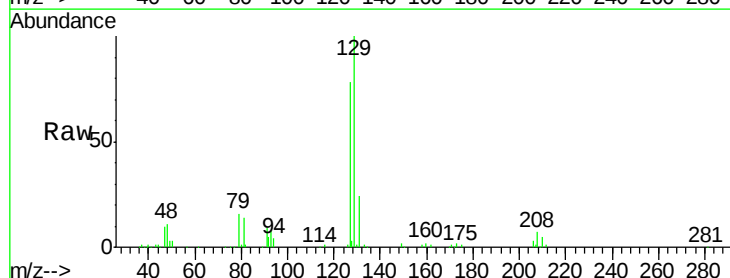
Manual Integrations
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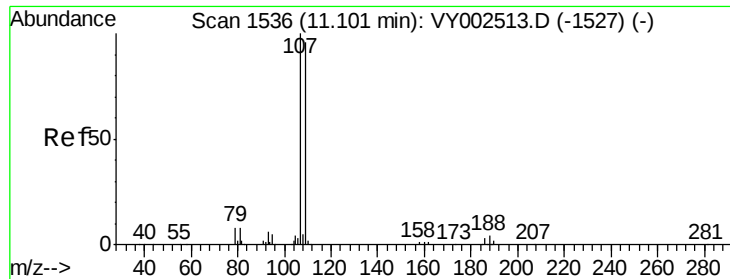
MMDadoda
5/4/2020 2:19:13 PM



#60
Dibromochloromethane
Concen: 19.435 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.01 min
Lab File: VY002521.D
Acq: 01 May 2020 12:09

Tgt Ion: 129 Resp: 67618
Ion Ratio Lower Upper
129 100
127 76.6 39.0 117.0





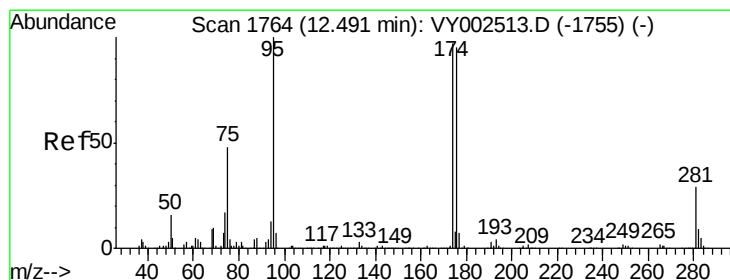
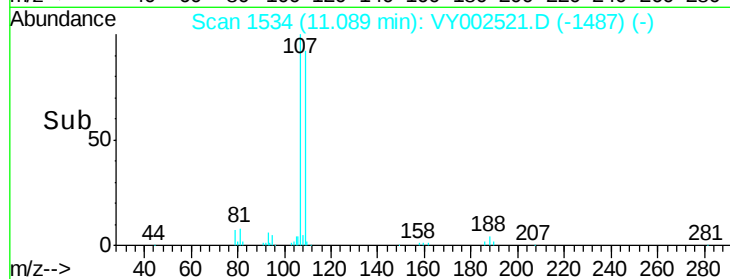
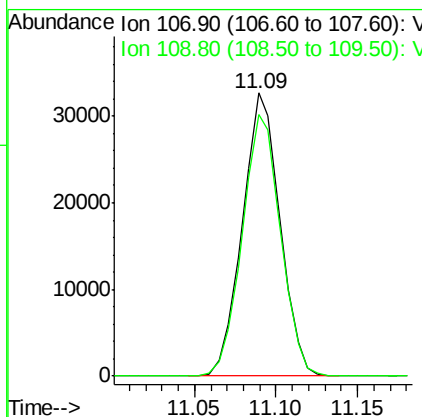
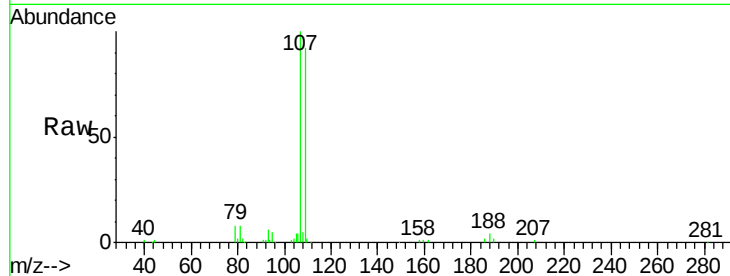
#61
 1,2-Dibromoethane
 Concen: 19.361 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.01 min
 Lab File: VY002521.D
 Acq: 01 May 2020 12:09

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0501SBSD01

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.4	75.8	113.8

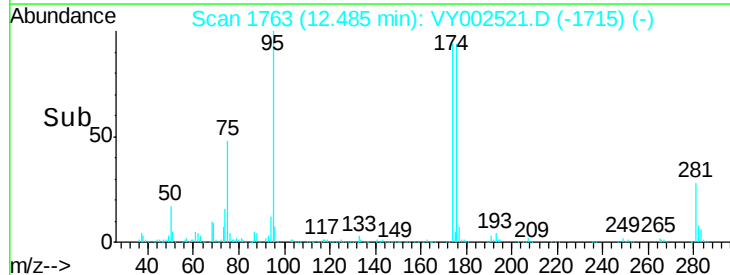
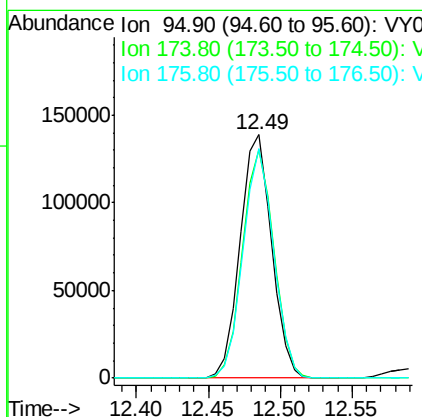
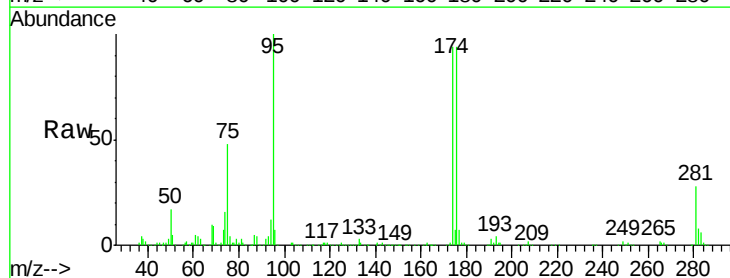
Manual Integrations
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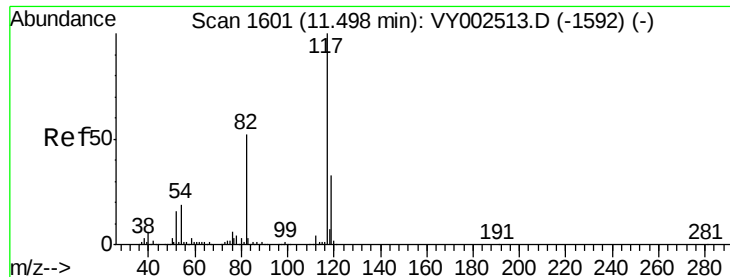
MMDadoda
 5/4/2020 2:19:13 PM



#62
 4-Bromofluorobenzene
 Concen: 49.885 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. -0.01 min
 Lab File: VY002521.D
 Acq: 01 May 2020 12:09

Tgt Ion	Ratio	Lower	Upper
95	100		
174	93.1	0.0	188.8
176	91.4	0.0	183.2





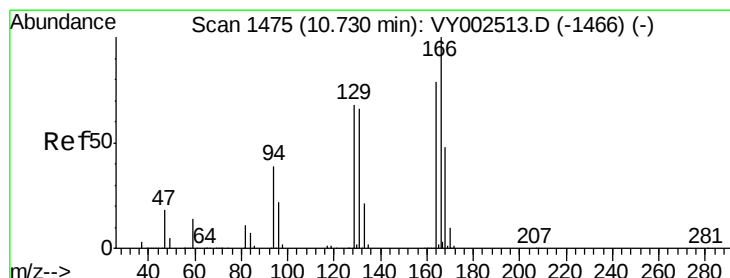
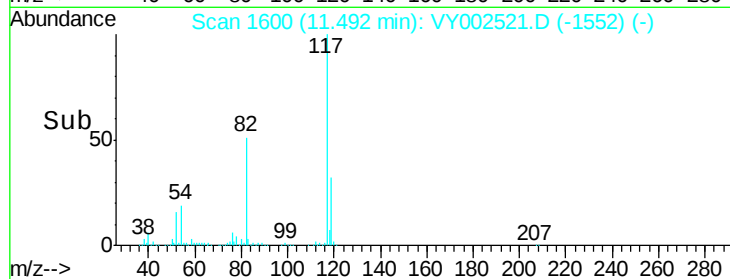
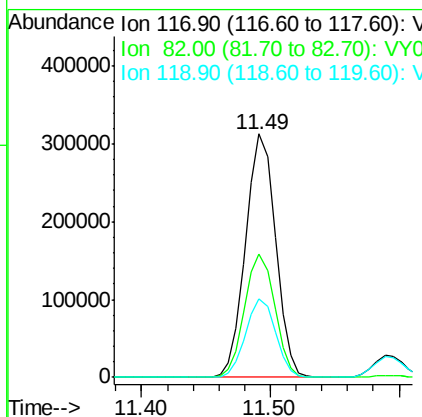
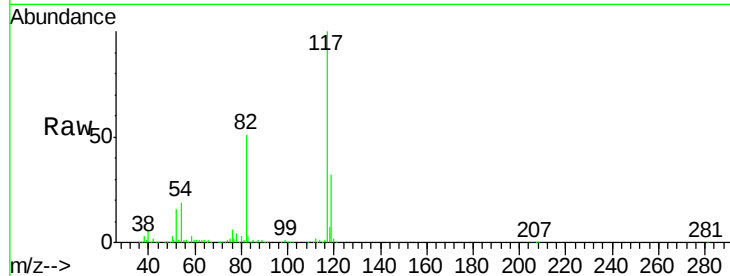
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY002521.D
Acq: 01 May 2020 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	503627		
82	50.6		41.3	61.9
119	32.0		26.0	39.0

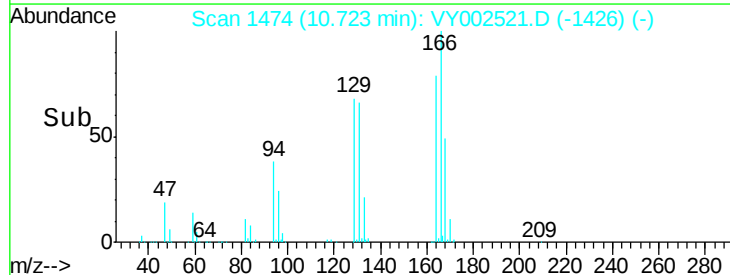
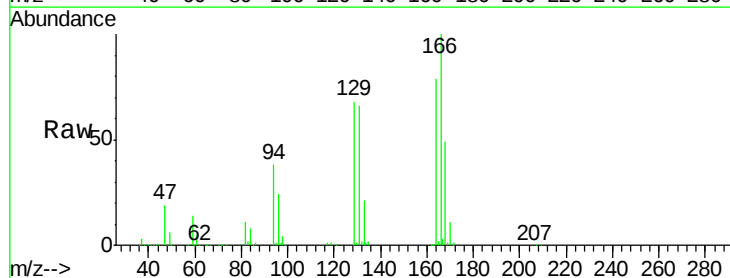
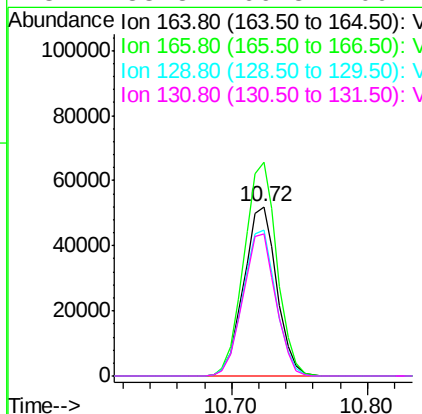
Manual Integrations
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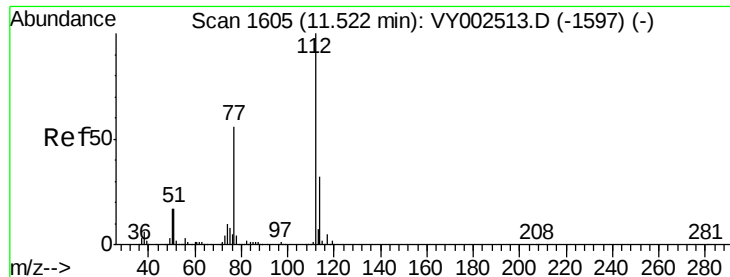
MMDadoda
5/4/2020 2:19:13 PM



#64
Tetrachloroethene
Concen: 19.674 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. -0.01 min
Lab File: VY002521.D
Acq: 01 May 2020 12:09

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	88036		
166	126.1		100.7	151.1
129	86.0		68.3	102.5
131	83.8		66.8	100.2





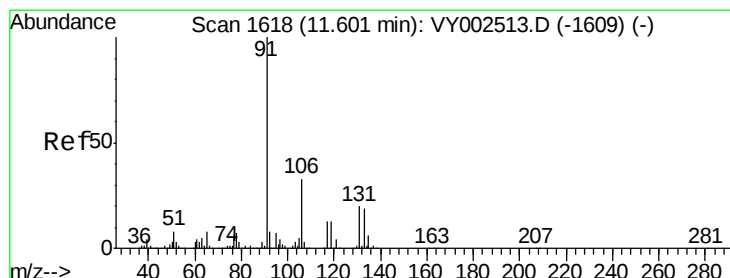
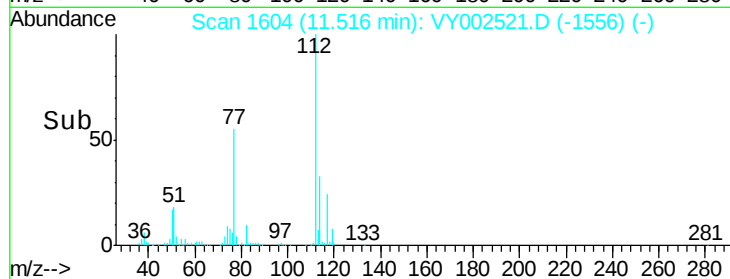
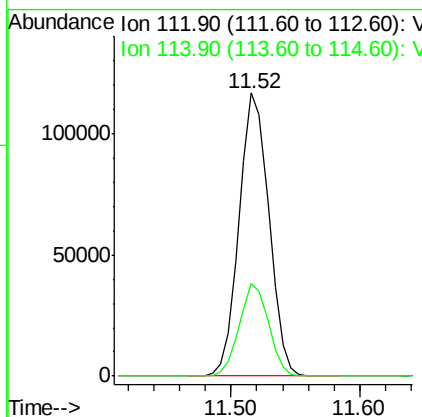
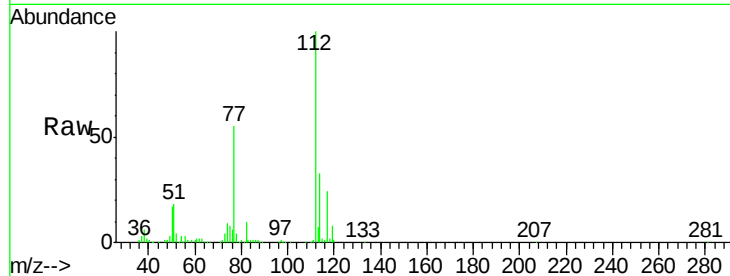
#65
Chlorobenzene
Concen: 19.523 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.01 min
Lab File: VY002521.D
Acq: 01 May 2020 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
112	100	186910		
114	32.6	25.8	38.6	

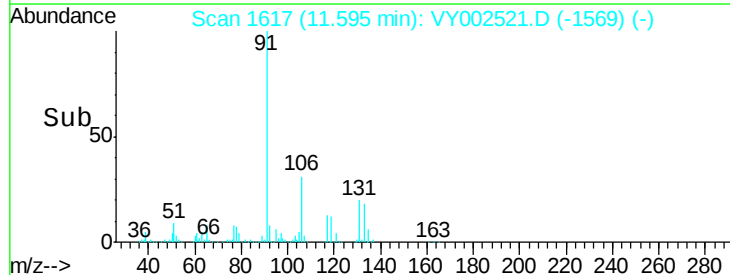
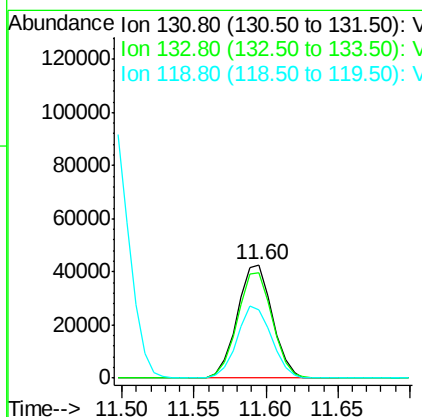
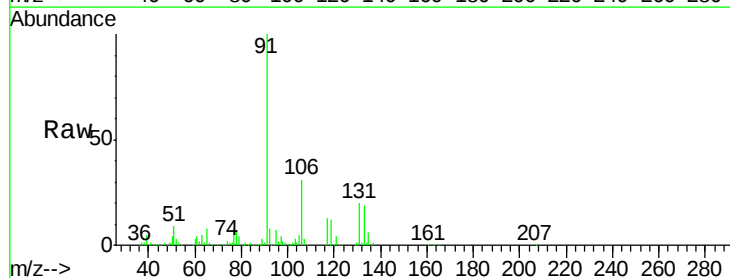
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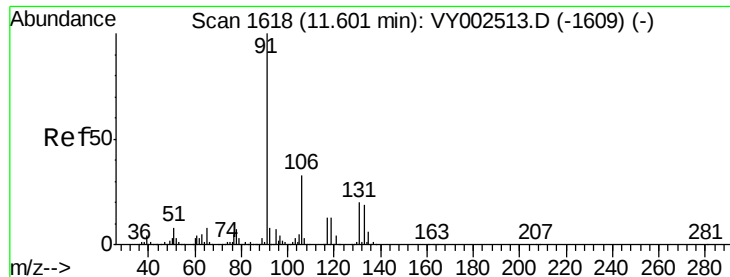
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.148 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. -0.01 min
Lab File: VY002521.D
Acq: 01 May 2020 12:09

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	71603		
133	93.2	48.1	144.4	
119	62.5	31.6	95.0	





#67

Ethyl Benzene

Concen: 19.414 ug/l

RT: 11.60 min Scan# 1617

Delta R.T. -0.01 min

Lab File: VY002521.D

Acq: 01 May 2020 12:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0501SBSD01

Tot Ion: 91 Resp: 326497

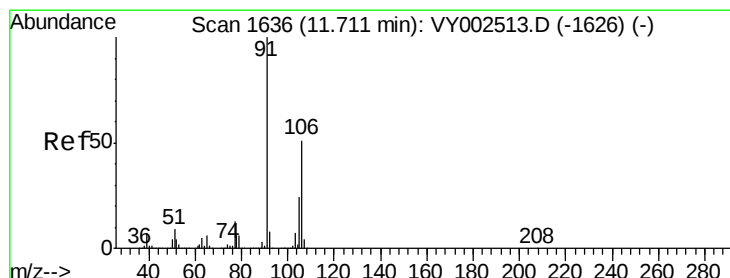
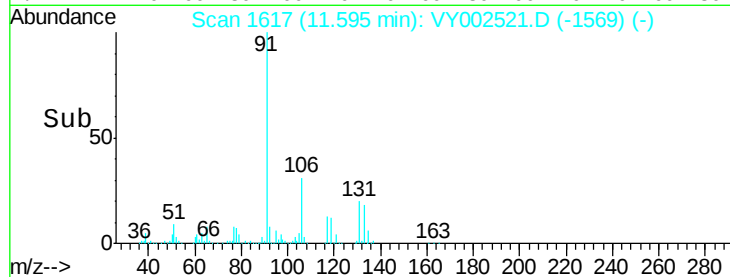
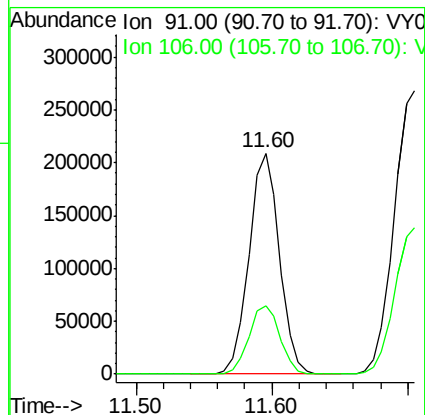
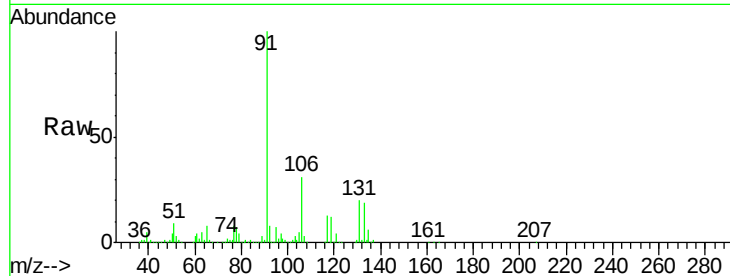
Ion Ratio Lower Upper

91 100

106 31.1 26.1 39.1

Manual Integrations
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#68

m/p-Xylenes

Concen: 38.657 ug/l

RT: 11.70 min Scan# 1635

Delta R.T. -0.01 min

Lab File: VY002521.D

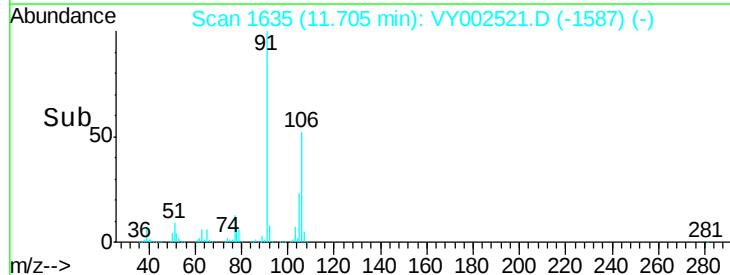
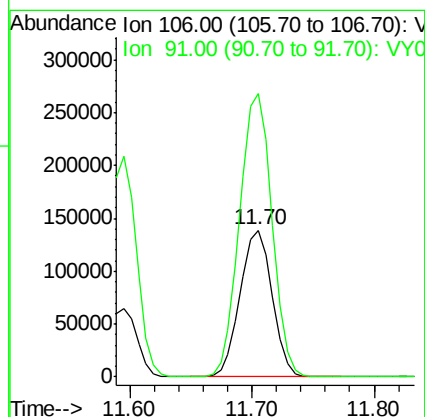
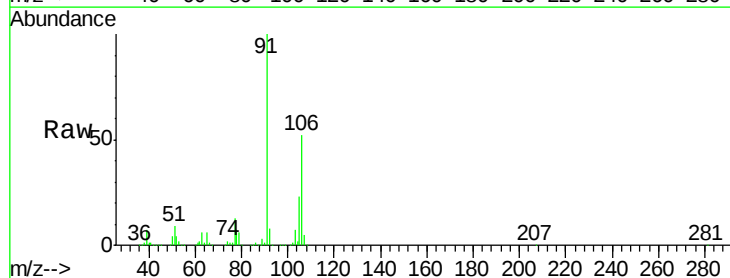
Acq: 01 May 2020 12:09

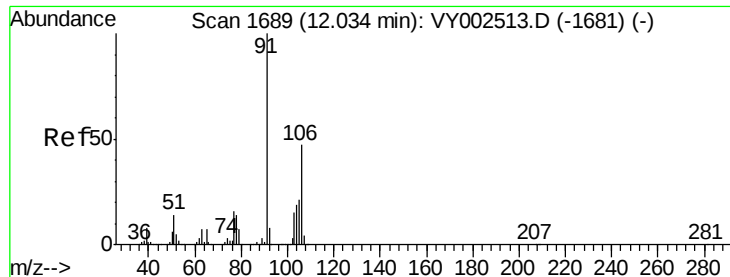
Tgt Ion: 106 Resp: 251541

Ion Ratio Lower Upper

106 100

91 196.0 155.2 232.8





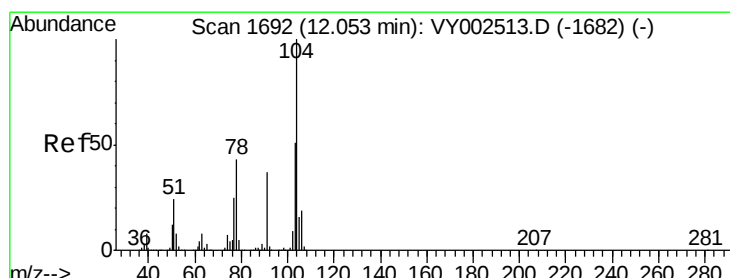
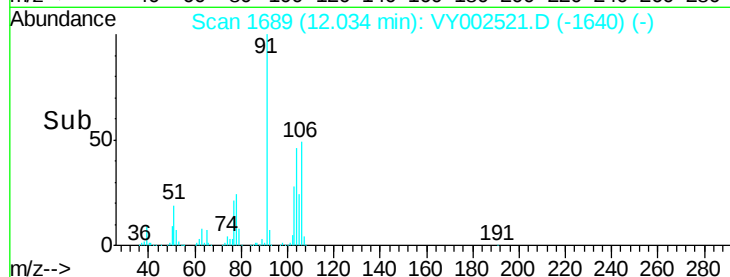
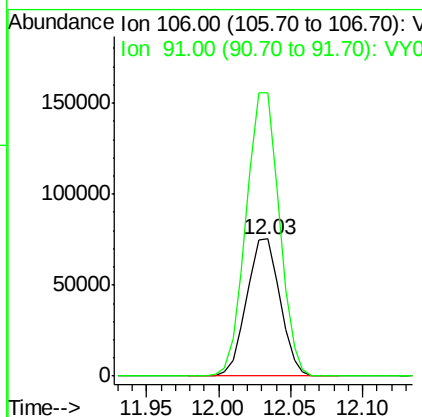
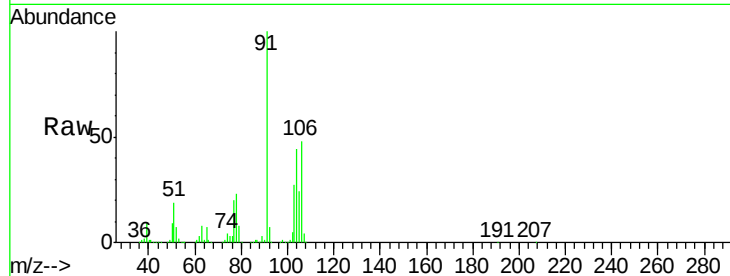
#69
o-Xylene
Concen: 19.864 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. -0.00 min
Lab File: VY002521.D
Acq: 01 May 2020 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBSD01

Tot Ion	Ion	Ratio	Lower	Upper
106	106	100		
91	91	205.3	103.8	311.3

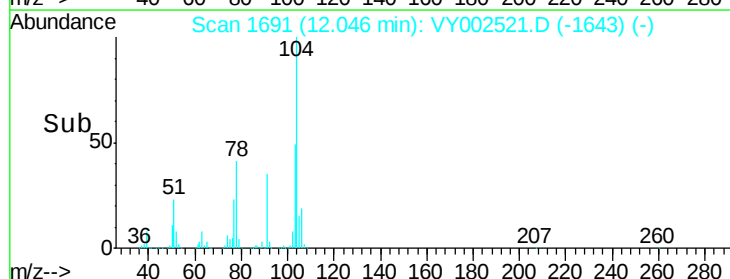
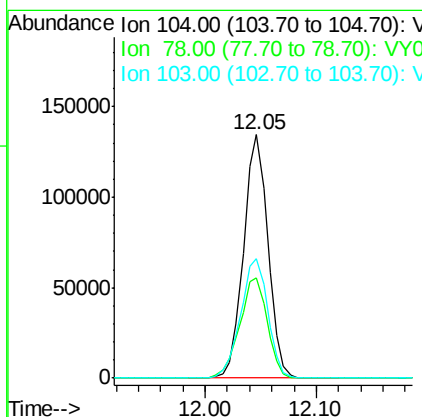
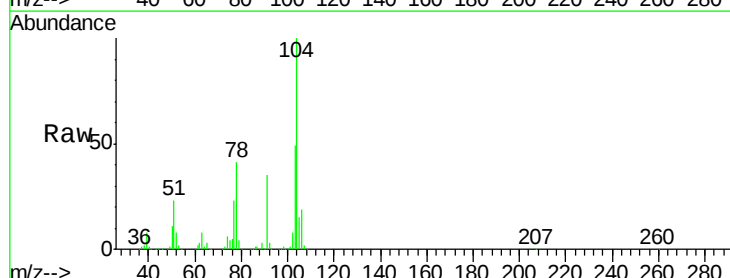
Manual Integrations
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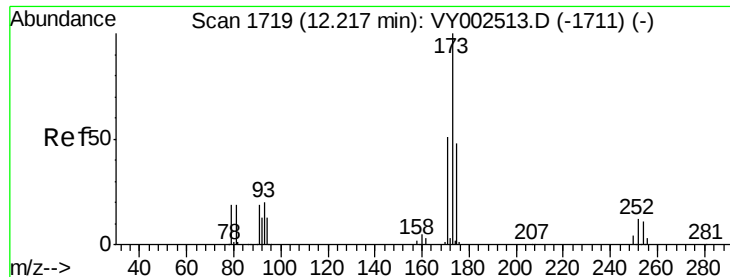
MMDadoda
5/4/2020 2:19:13 PM



#70
Styrene
Concen: 19.637 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. -0.01 min
Lab File: VY002521.D
Acq: 01 May 2020 12:09

Tgt Ion	Ion	Ratio	Lower	Upper
104	104	100		
78	78	46.6	37.4	56.0
103	103	55.0	43.9	65.9





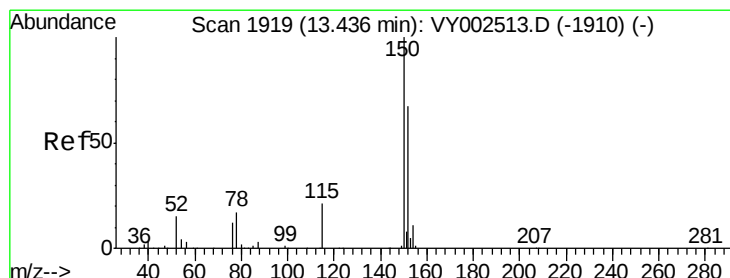
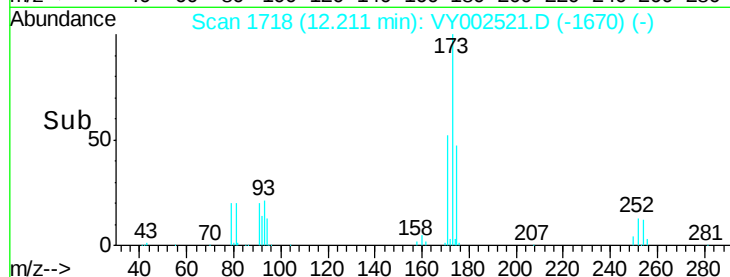
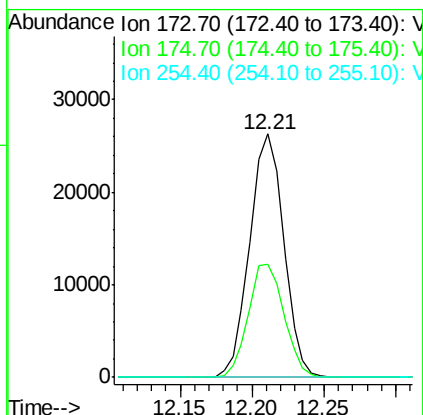
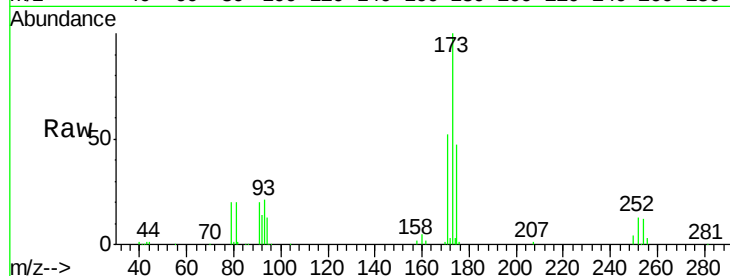
#71
Bromoform
Concen: 19.496 ug/l
RT: 12.21 min Scan# 1718
Delta R.T. -0.01 min
Lab File: VY002521.D
Acq: 01 May 2020 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBSD01

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.7	24.3	72.8
254	0.0	0.2	0.2

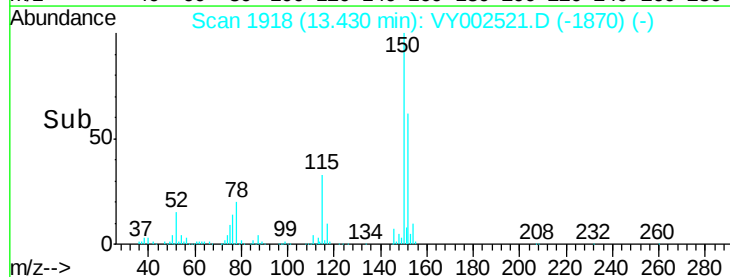
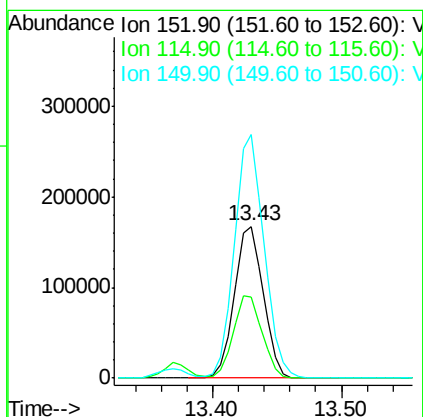
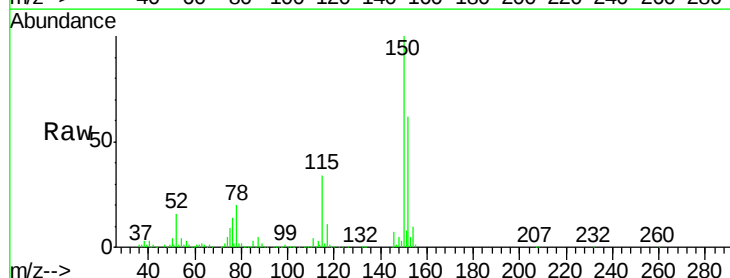
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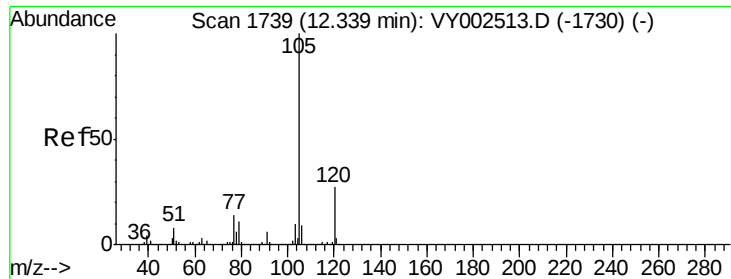
MMDadoda
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.01 min
Lab File: VY002521.D
Acq: 01 May 2020 12:09

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.5	27.5	82.4
150	164.4	0.0	346.4





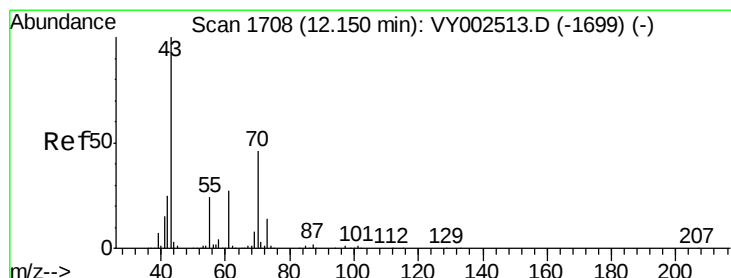
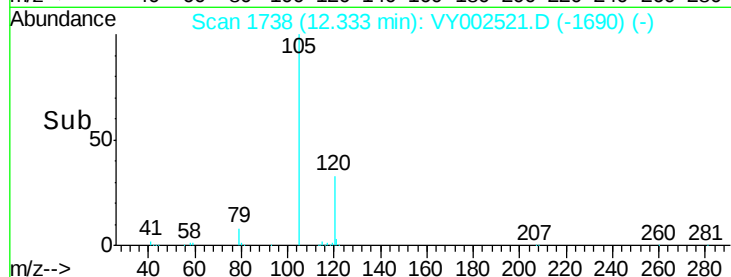
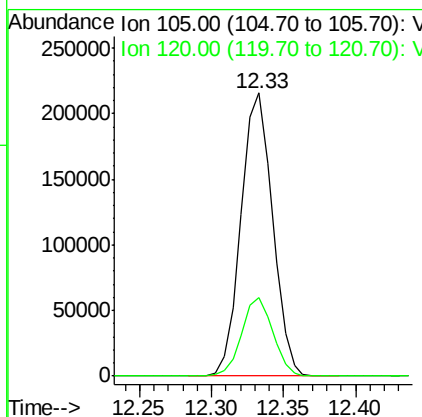
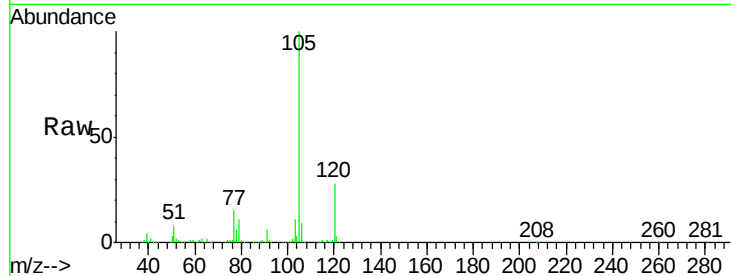
#73
Isopropylbenzene
Concen: 19.461 ug/l
RT: 12.33 min Scan# 1738
Delta R.T. -0.01 min
Lab File: VY002521.D
Acq: 01 May 2020 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBSD01

Tot Ion	Ratio	Lower	Upper
105	100		
120	27.3	13.8	41.3

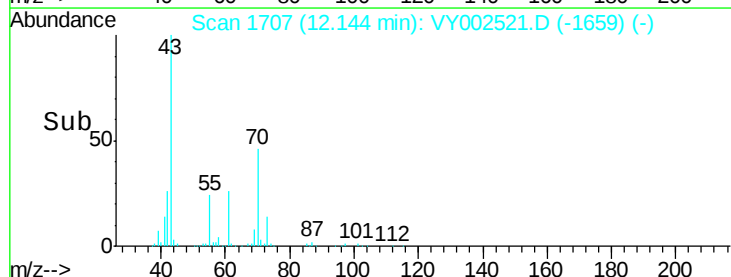
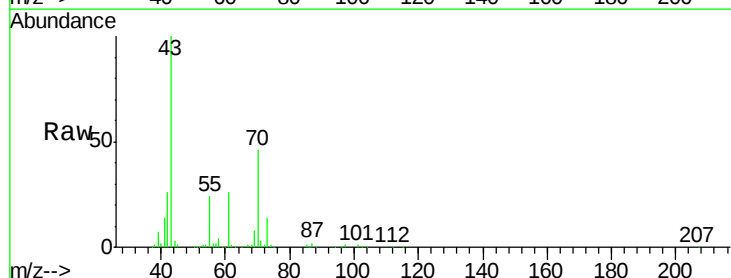
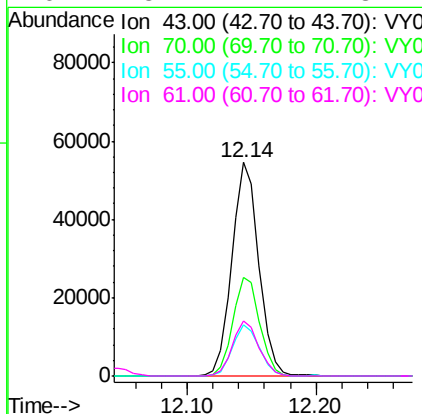
Manual Integrations
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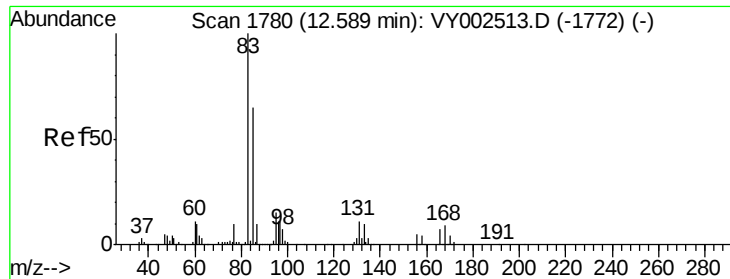
MMDadoda
5/4/2020 2:19:13 PM



#74
N-ethyl acetate
Concen: 19.599 ug/l
RT: 12.14 min Scan# 1707
Delta R.T. -0.01 min
Lab File: VY002521.D
Acq: 01 May 2020 12:09

Tgt Ion	Ratio	Lower	Upper
43	100		
70	46.0	36.7	55.1
55	24.1	19.2	28.8
61	25.2	21.1	31.7





#75

1,1,2,2-Tetrachloroethane

Concen: 19.808 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.01 min

Lab File: VY002521.D

Acq: 01 May 2020 12:09

Instrument :

MSVOA_Y

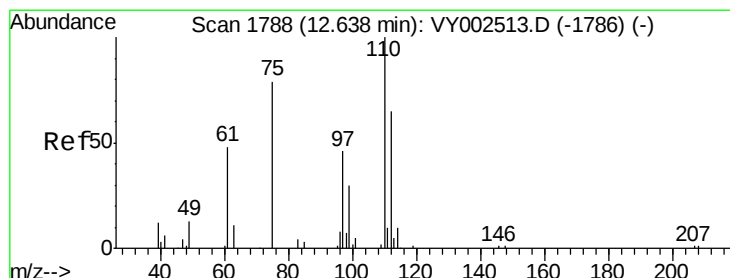
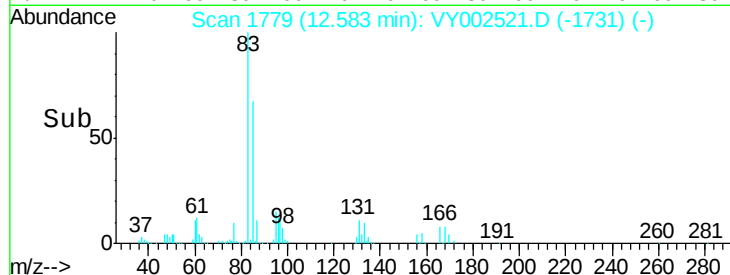
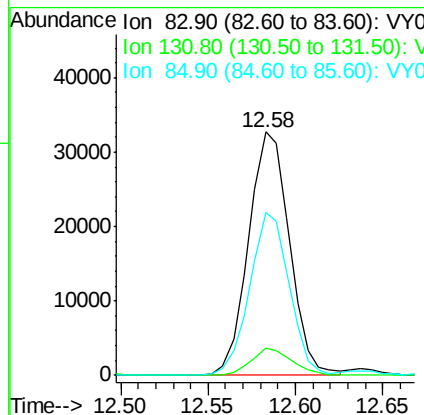
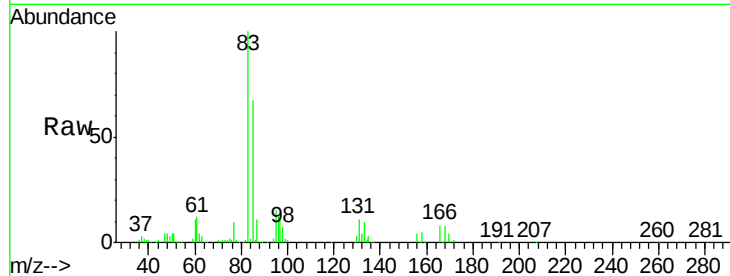
ClientSampleId :

VY0501SBSD01

Tot Ion:	83	Resp:	53173
Ion Ratio	Lower	Upper	
83	100		
131	11.2	5.9	17.8
85	64.4	31.9	95.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 20.684 ug/l m

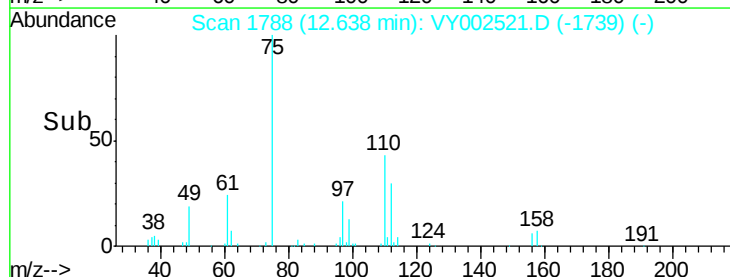
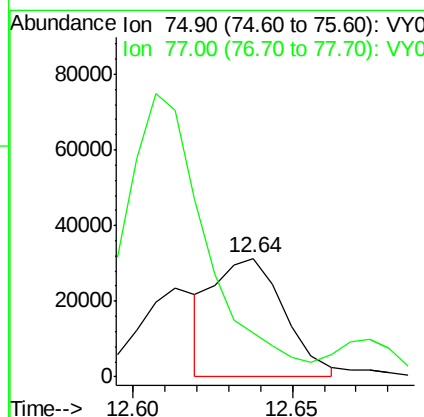
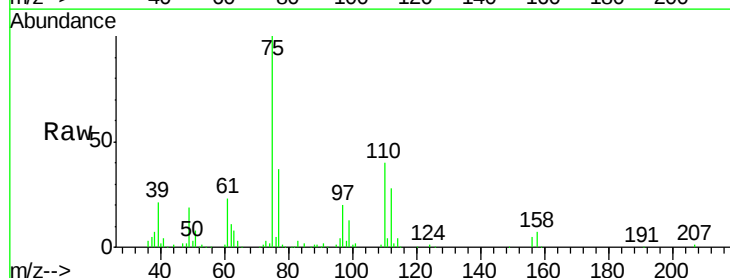
RT: 12.64 min Scan# 1788

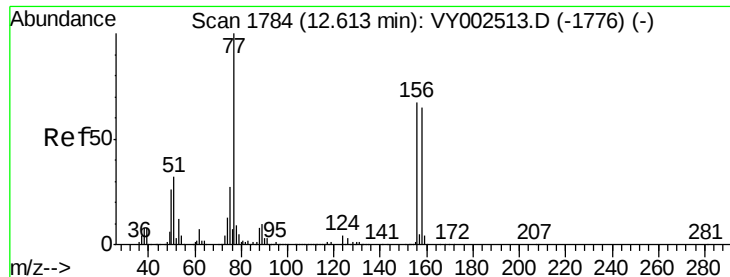
Delta R.T. -0.00 min

Lab File: VY002521.D

Acq: 01 May 2020 12:09

Tgt Ion:	75	Resp:	47871
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 19.459 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.01 min

Lab File: VY002521.D

Acq: 01 May 2020 12:09

Instrument :

MSVOA_Y

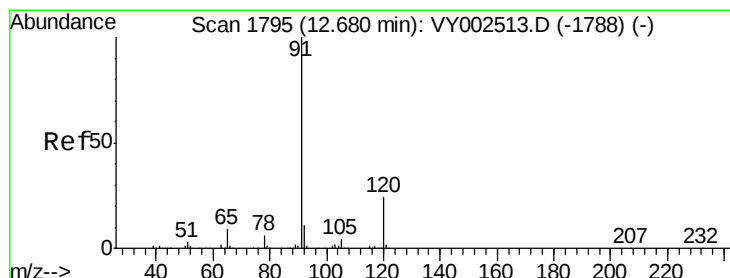
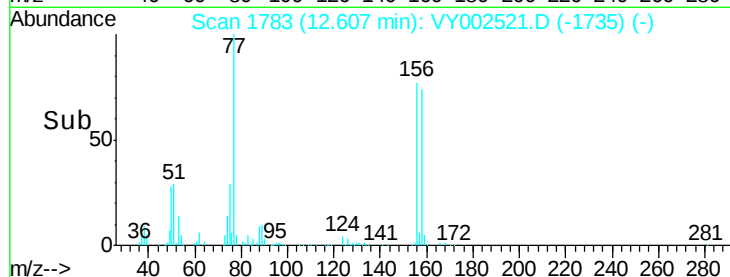
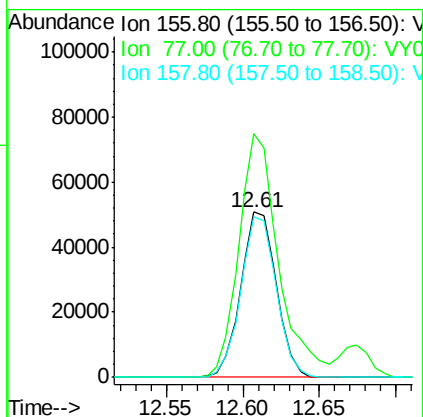
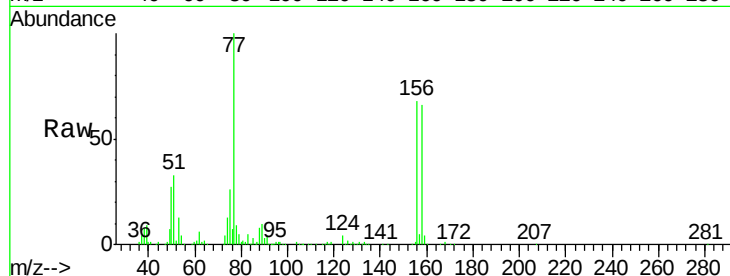
ClientSampleId :

VY0501SBSD01

Tot Ion:	156	Resp:	82058
Ion Ratio	Lower	Upper	
156	100		
77	164.5	82.0	245.8
158	96.9	48.5	145.6

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#78

n-propylbenzene

Concen: 19.485 ug/l

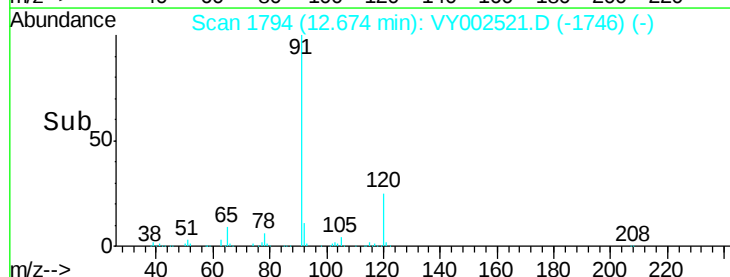
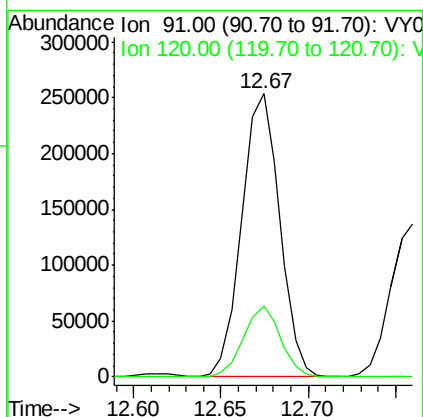
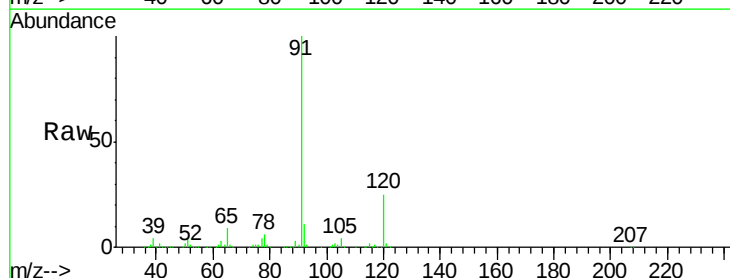
RT: 12.67 min Scan# 1794

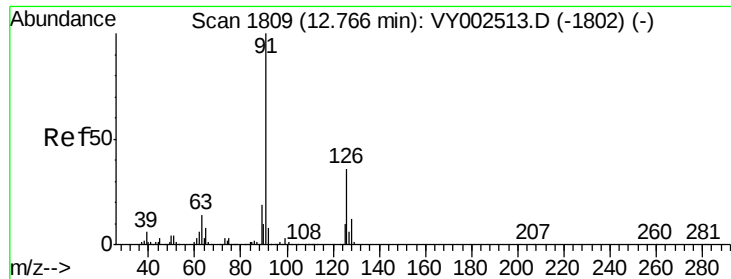
Delta R.T. -0.01 min

Lab File: VY002521.D

Acq: 01 May 2020 12:09

Tgt Ion:	91	Resp:	381675
Ion Ratio	Lower	Upper	
91	100		
120	24.4	12.2	36.4





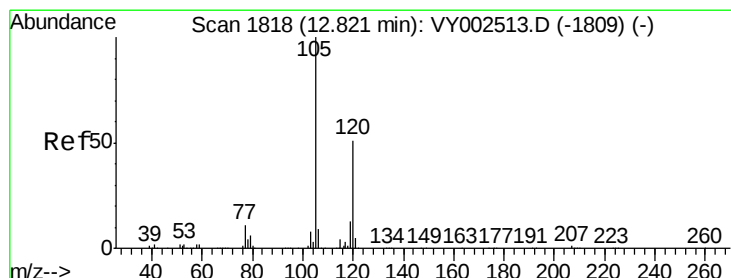
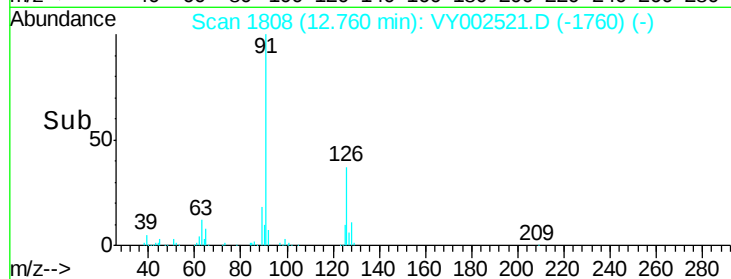
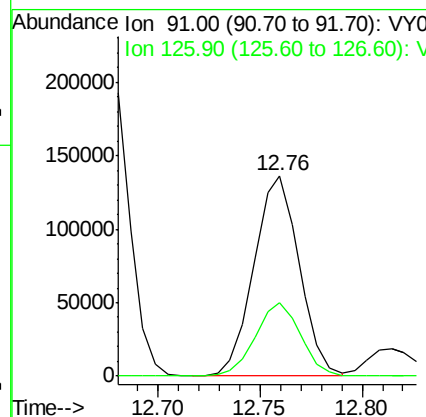
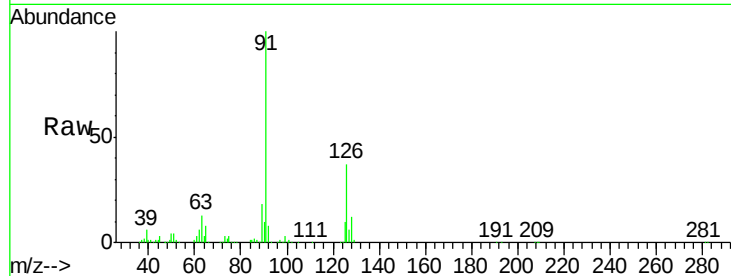
#79
 2-Chlorotoluene
 Concen: 19.353 ug/l
 RT: 12.76 min Scan# 1808
 Delta R.T. -0.01 min
 Lab File: VY002521.D
 Acq: 01 May 2020 12:09

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0501SBSD01

Tot Ion: 91 Resp: 209980
 Ion Ratio Lower Upper
 91 100
 126 36.9 18.4 55.2

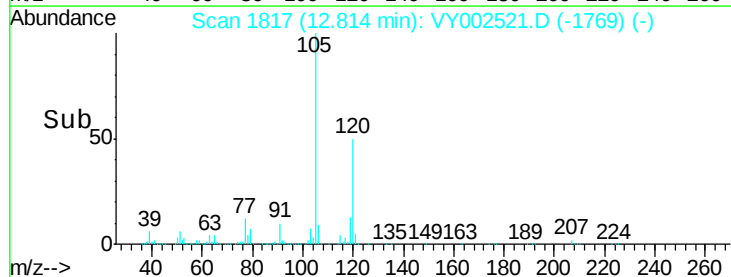
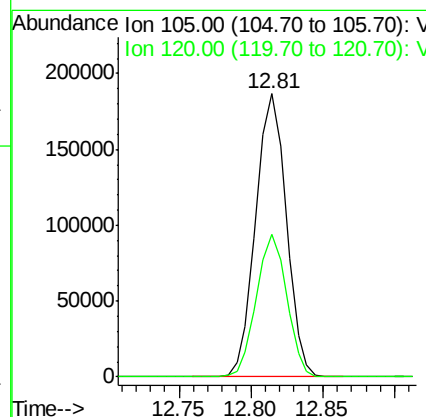
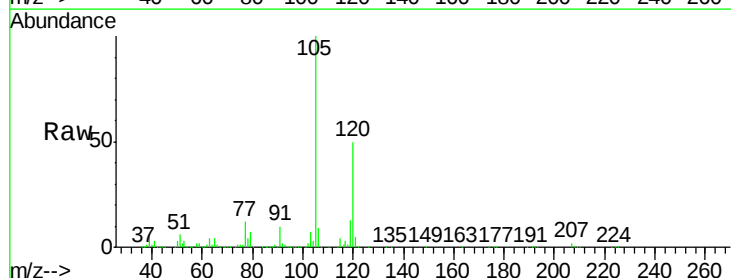
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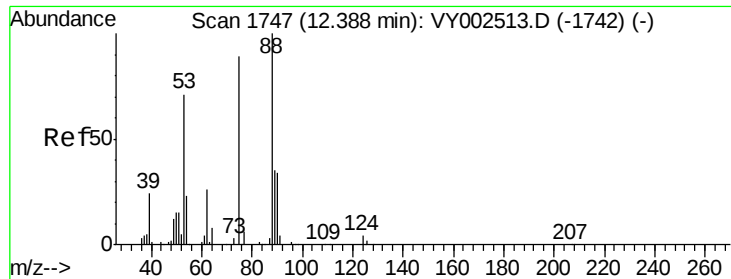
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#80
 1,3,5-Trimethylbenzene
 Concen: 19.611 ug/l
 RT: 12.81 min Scan# 1817
 Delta R.T. -0.01 min
 Lab File: VY002521.D
 Acq: 01 May 2020 12:09

Tgt Ion: 105 Resp: 274380
 Ion Ratio Lower Upper
 105 100
 120 50.0 25.3 75.9





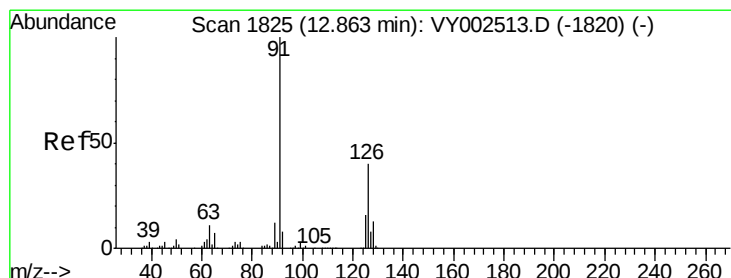
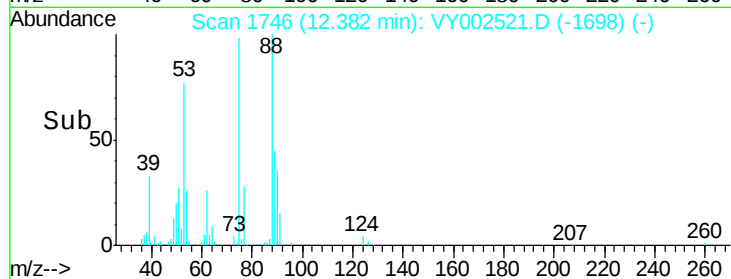
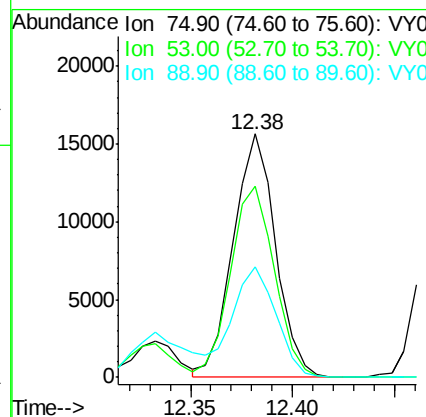
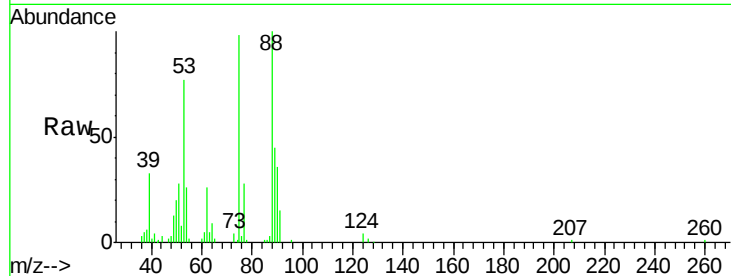
#81
trans-1,4-Dichloro-2-butene
Concen: 19.452 ug/l
RT: 12.38 min Scan# 1746
Delta R.T. -0.01 min
Lab File: VY002521.D
Acq: 01 May 2020 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	81.7	67.4	101.0
89	47.0	37.4	56.0

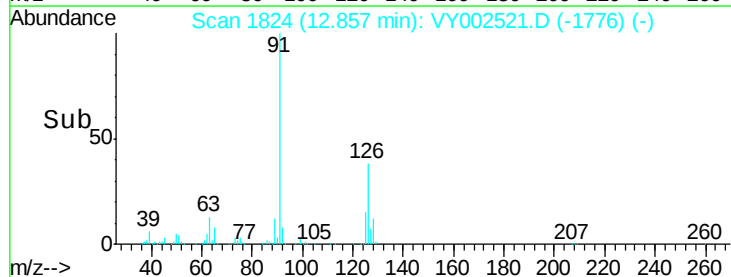
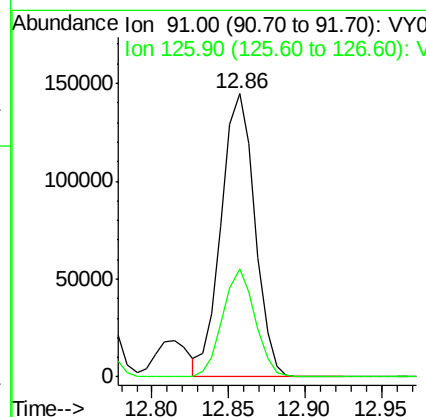
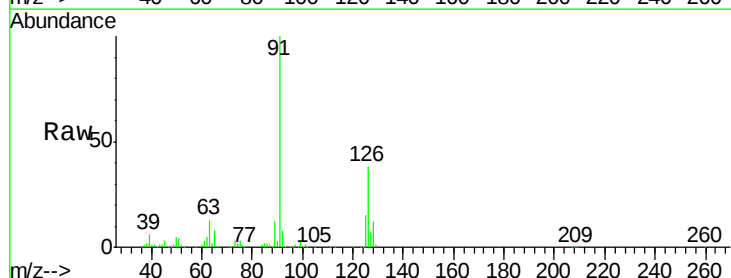
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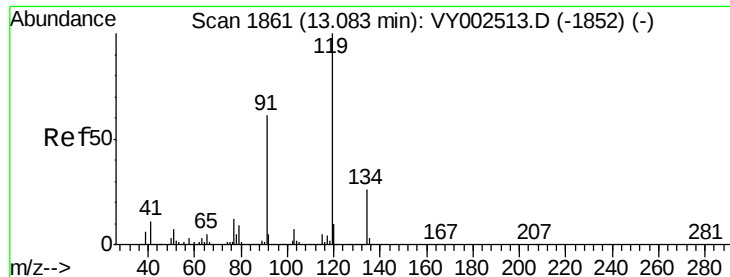
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#82
4-Chlorotoluene
Concen: 19.417 ug/l
RT: 12.86 min Scan# 1824
Delta R.T. -0.01 min
Lab File: VY002521.D
Acq: 01 May 2020 12:09

Tgt Ion	Ratio	Lower	Upper
91	100		
126	36.7	18.5	55.5





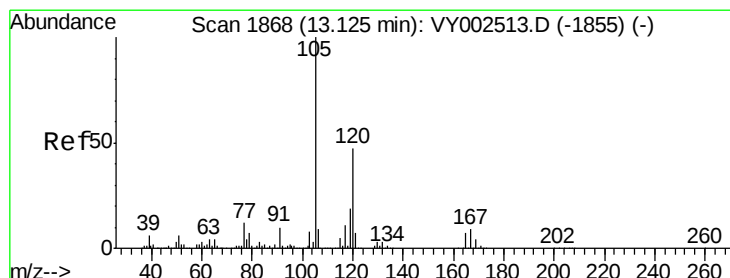
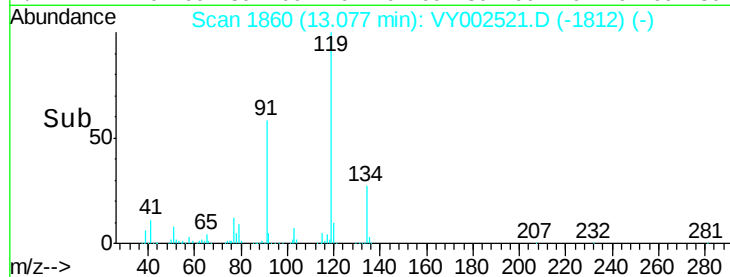
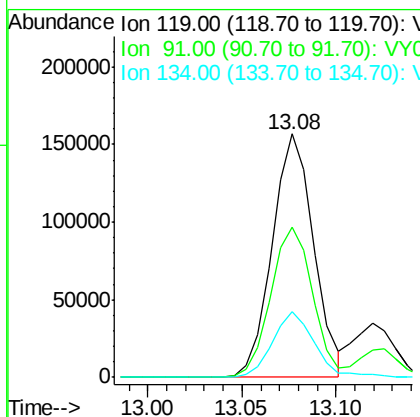
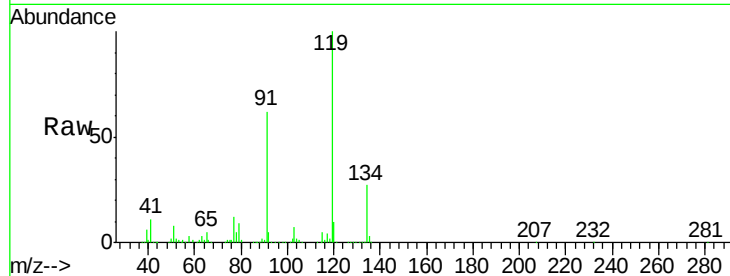
#83
tert-Butylbenzene
Concen: 19.495 ug/l
RT: 13.08 min Scan# 1860
Delta R.T. -0.01 min
Lab File: VY002521.D
Acq: 01 May 2020 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	239161		
91	62.2	30.6	91.6	
134	27.4	13.5	40.4	

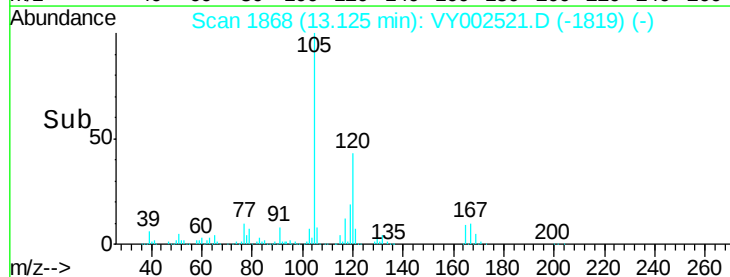
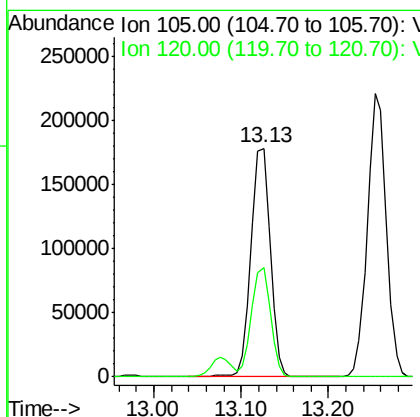
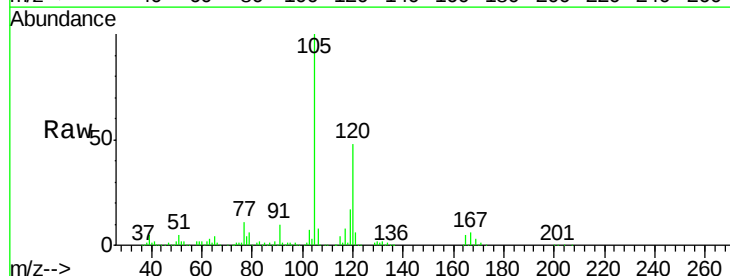
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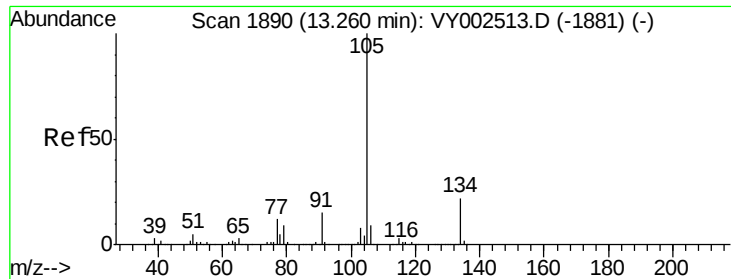
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#84
1,2,4-Trimethylbenzene
Concen: 19.595 ug/l
RT: 13.13 min Scan# 1868
Delta R.T. -0.00 min
Lab File: VY002521.D
Acq: 01 May 2020 12:09

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	273234		
120	47.2	23.4	70.3	





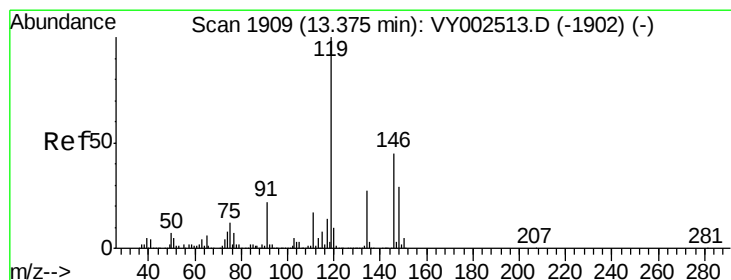
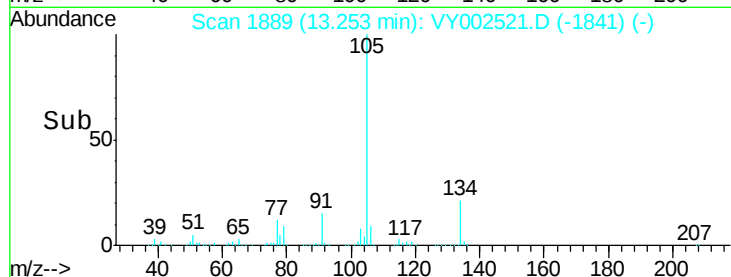
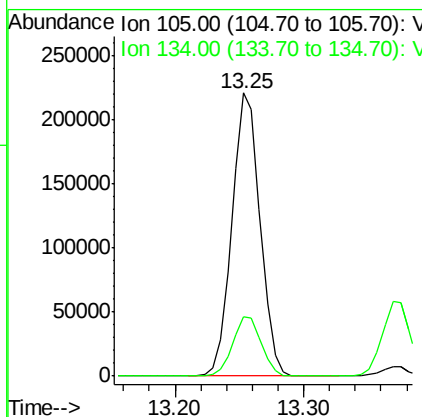
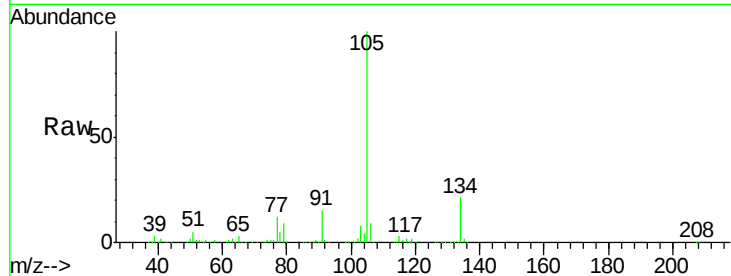
#85
 sec-Butylbenzene
 Concen: 19.623 ug/l
 RT: 13.25 min Scan# 1889
 Delta R.T. -0.01 min
 Lab File: VY002521.D
 Acq: 01 May 2020 12:09

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0501SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
105	100	334047		
134	21.5	10.8	32.3	

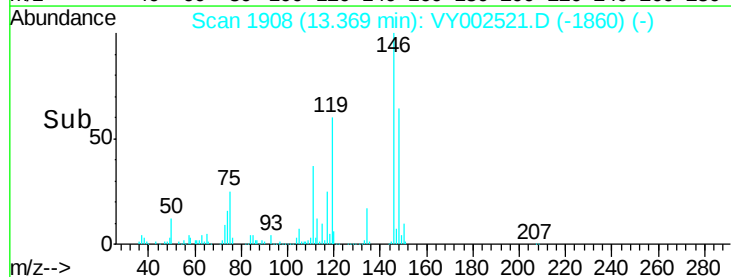
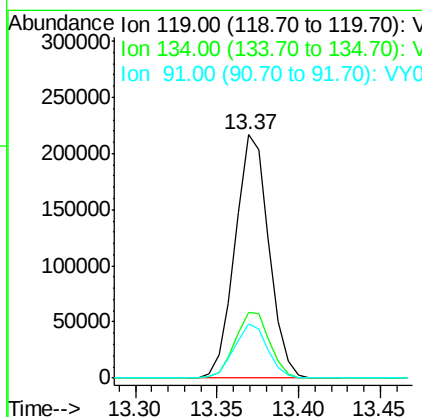
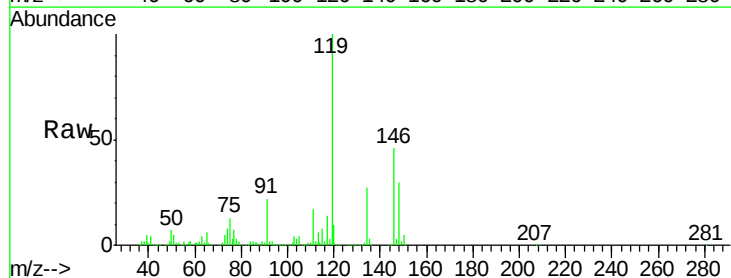
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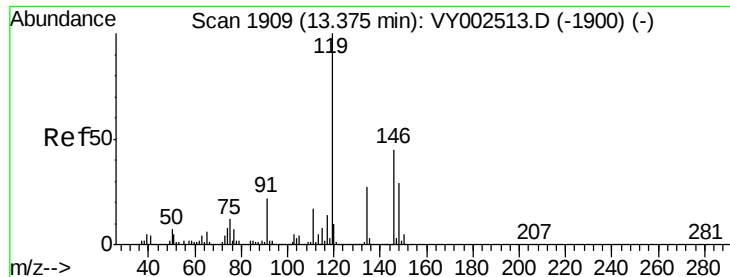
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#86
 p-Isopropyltoluene
 Concen: 19.572 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. -0.01 min
 Lab File: VY002521.D
 Acq: 01 May 2020 12:09

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	312185		
134	27.7	13.5	40.5	
91	22.0	10.9	32.9	





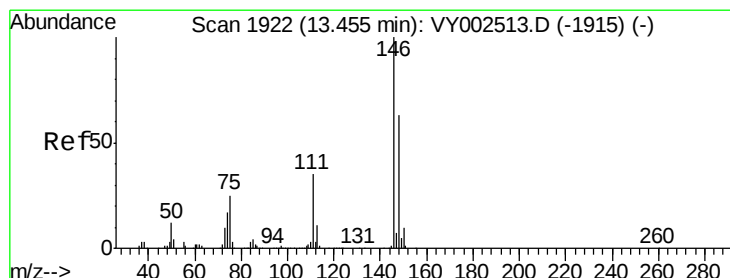
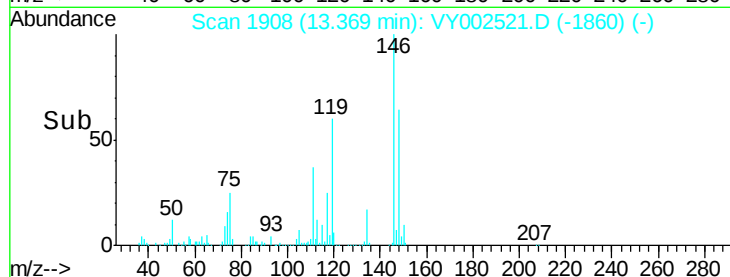
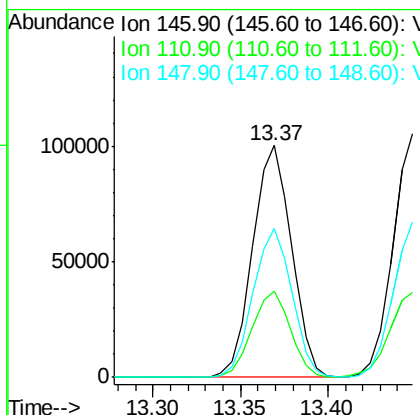
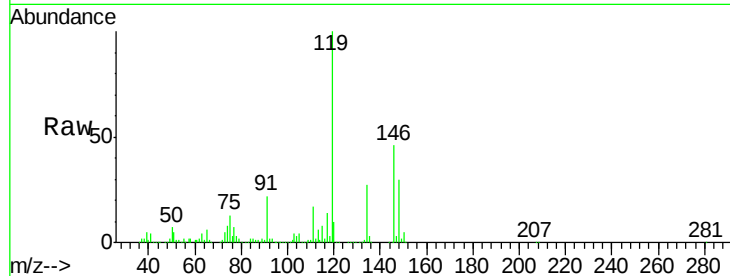
#87
 1,3-Dichlorobenzene
 Concen: 19.426 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. -0.01 min
 Lab File: VY002521.D
 Acq: 01 May 2020 12:09

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0501SBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.9	18.8	56.3
148	64.1	32.1	96.3

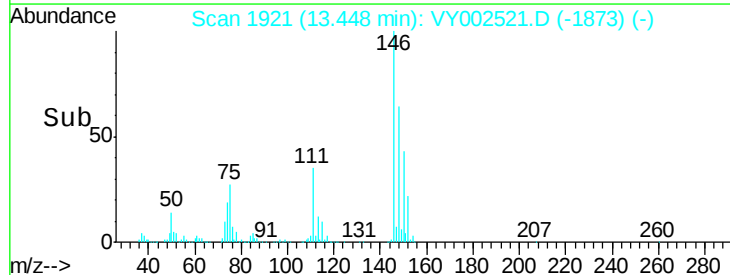
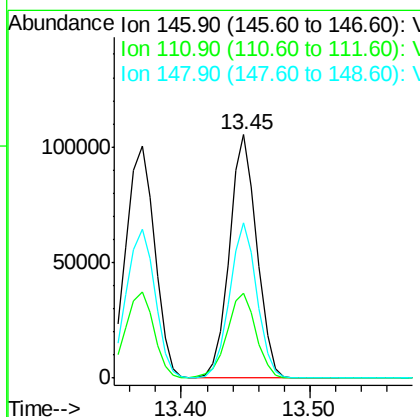
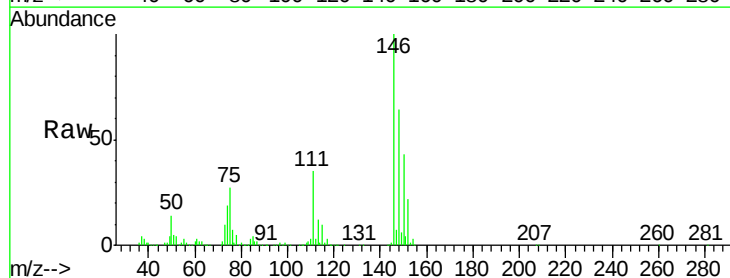
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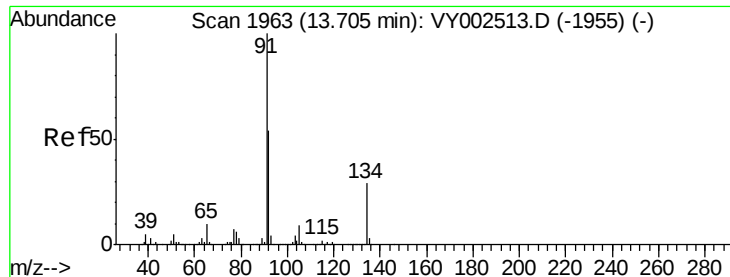
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#88
 1,4-Dichlorobenzene
 Concen: 19.726 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. -0.01 min
 Lab File: VY002521.D
 Acq: 01 May 2020 12:09

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.4	18.1	54.1
148	63.8	31.9	95.5





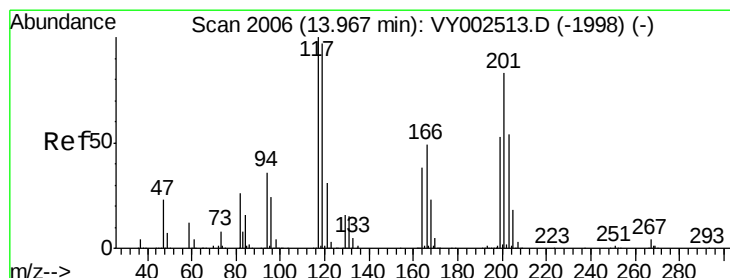
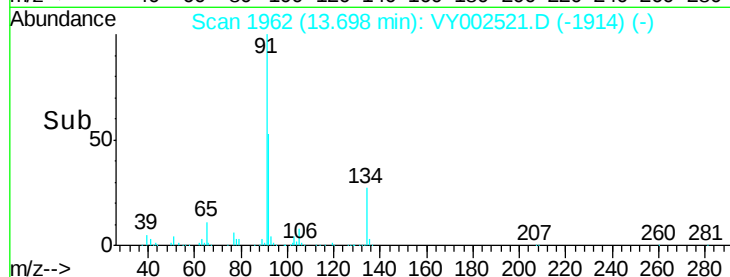
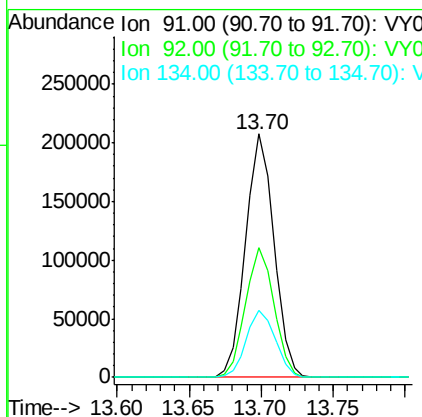
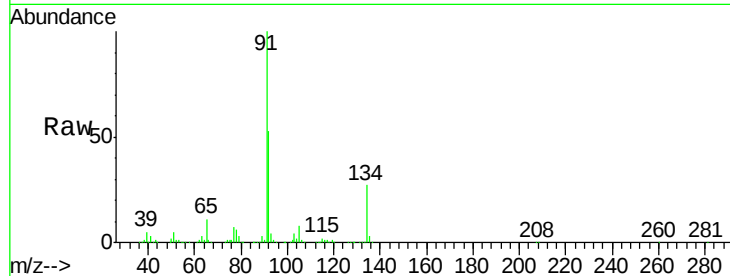
#89
n-Butylbenzene
Concen: 19.523 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. -0.01 min
Lab File: VY002521.D
Acq: 01 May 2020 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.7	27.1	81.3
134	28.2	14.4	43.0

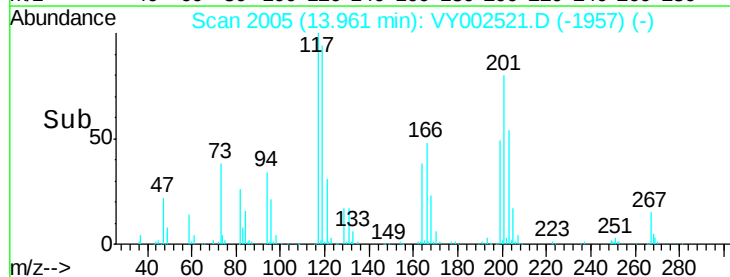
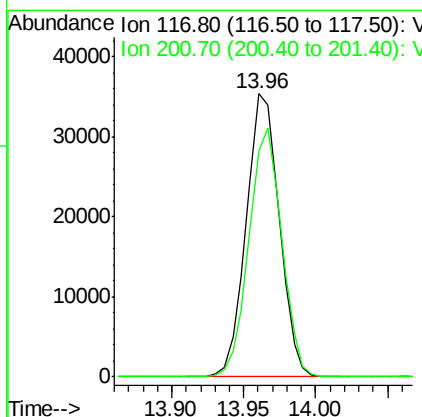
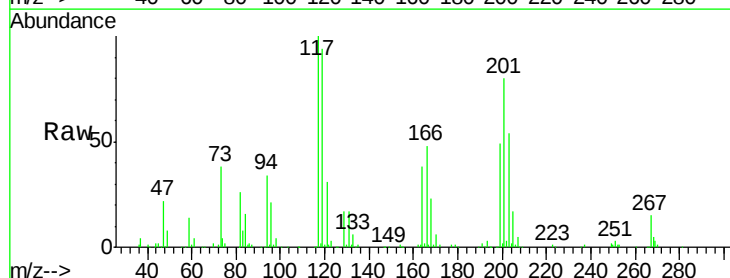
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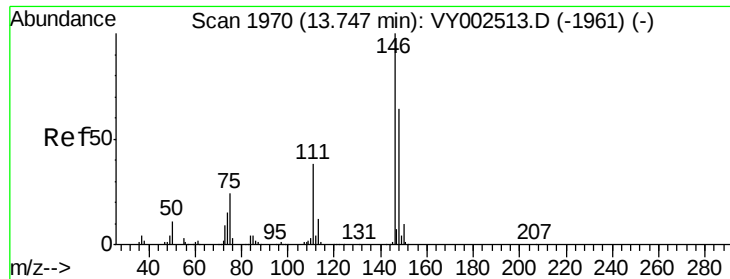
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#90
Hexachloroethane
Concen: 19.298 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.01 min
Lab File: VY002521.D
Acq: 01 May 2020 12:09

Tgt Ion	Ratio	Lower	Upper
117	100		
201	87.3	44.4	133.2





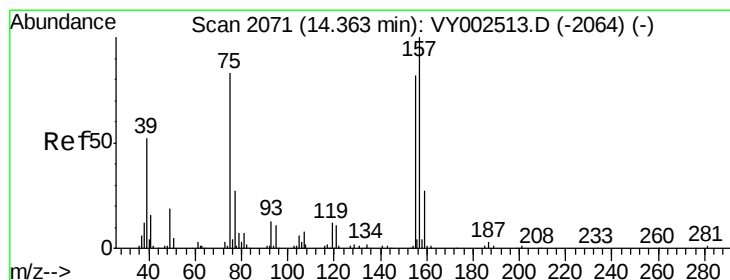
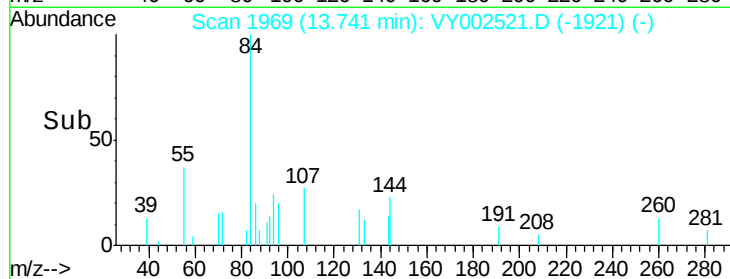
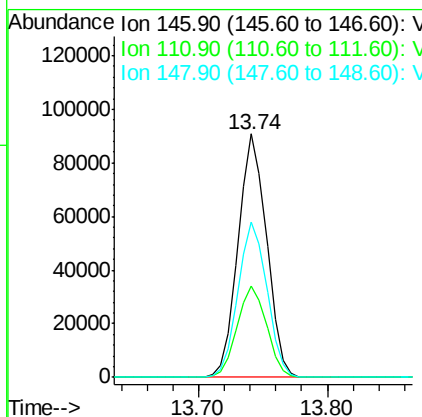
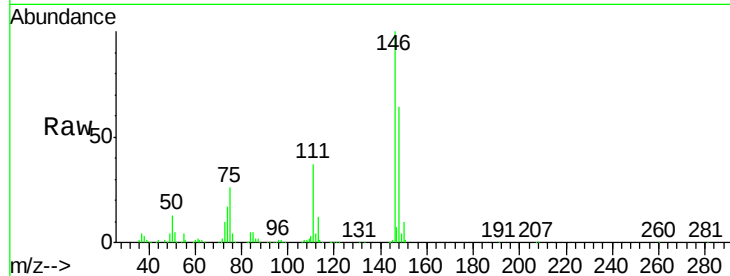
#91
 1,2-Dichlorobenzene
 Concen: 19.559 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. -0.01 min
 Lab File: VY002521.D
 Acq: 01 May 2020 12:09

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0501SBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.6	19.1	57.5
148	64.7	31.9	95.7

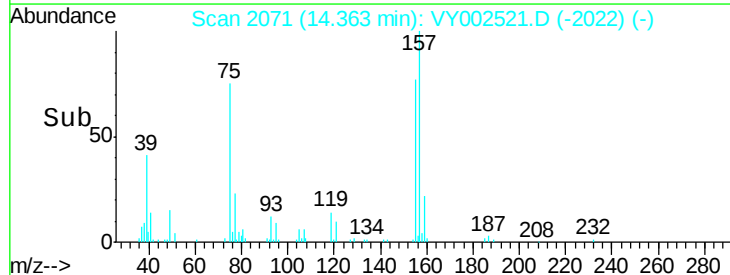
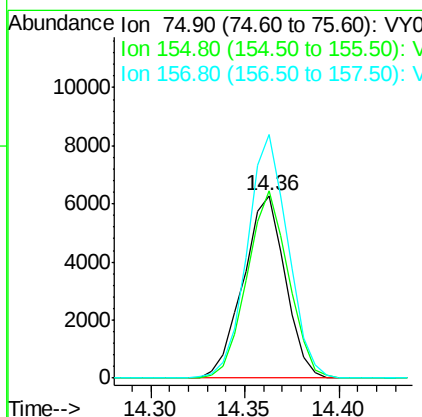
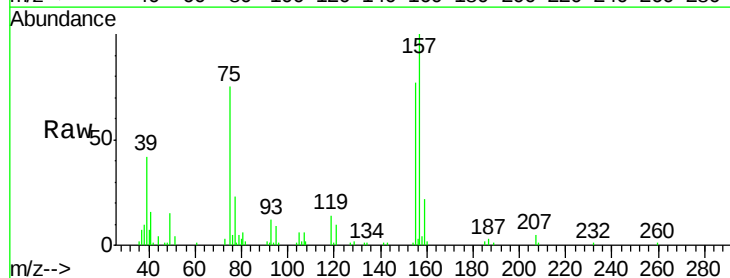
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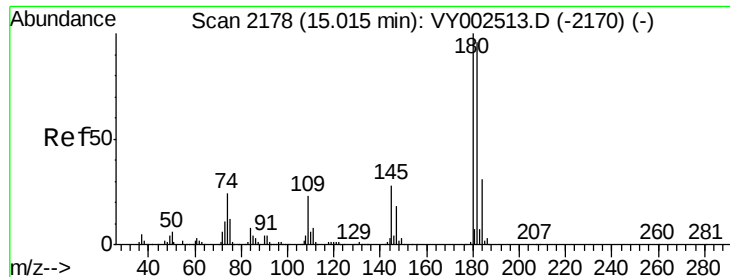
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 5/4/2020 2:19:13 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.395 ug/l
 RT: 14.36 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VY002521.D
 Acq: 01 May 2020 12:09

Tgt Ion	Ratio	Lower	Upper
75	100		
155	100.9	51.3	153.9
157	129.3	65.0	195.0





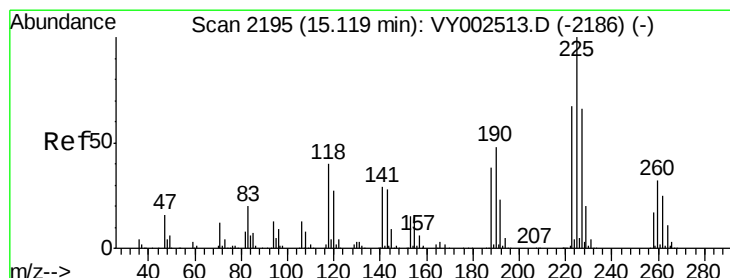
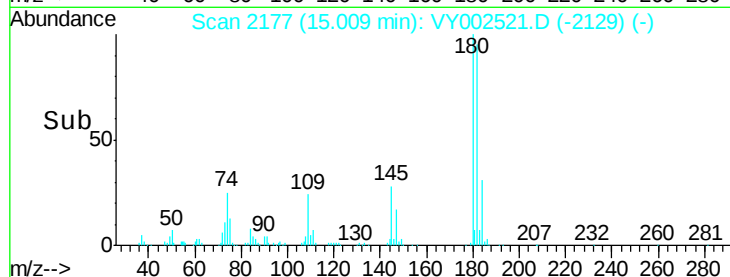
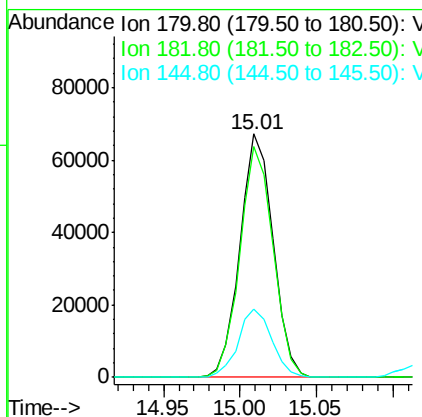
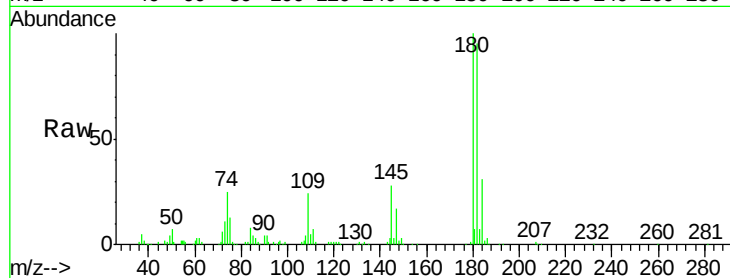
#93
 1,2,4-Trichlorobenzene
 Concen: 19.549 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. -0.01 min
 Lab File: VY002521.D
 Acq: 01 May 2020 12:09

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0501SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	95.1	47.9	143.6	
145	28.6	14.4	43.0	

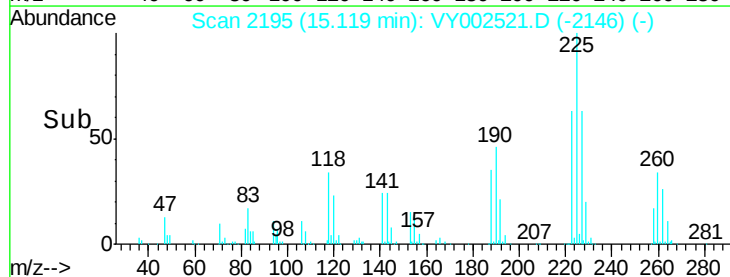
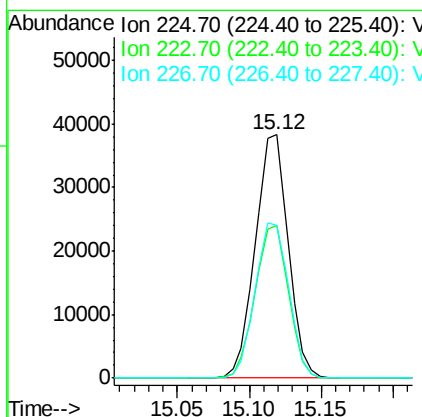
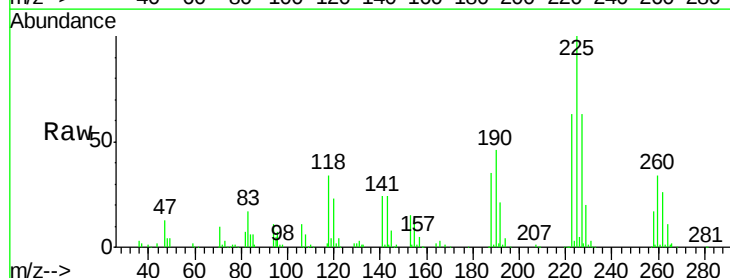
Manual Integrations
 APPROVED

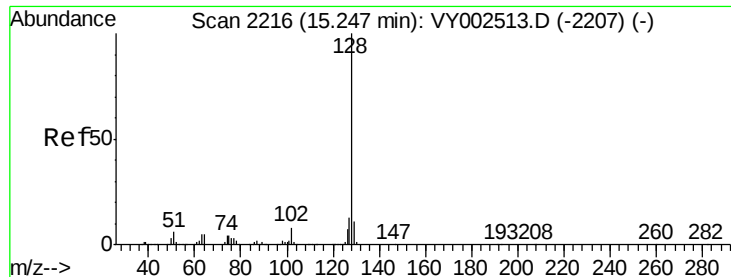
MMDadoda
 5/4/2020 2:19:13 PM



#94
 Hexachlorobutadiene
 Concen: 19.439 ug/l
 RT: 15.12 min Scan# 2195
 Delta R.T. -0.00 min
 Lab File: VY002521.D
 Acq: 01 May 2020 12:09

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.6	32.1	96.5	
227	65.1	32.0	96.2	





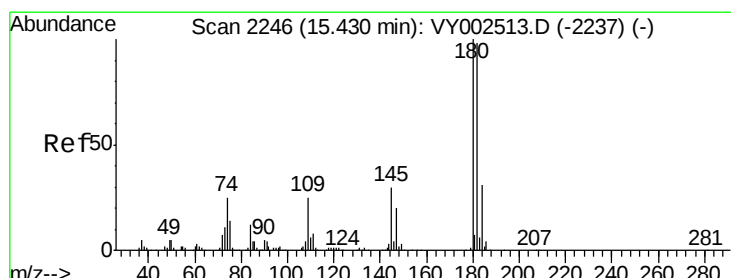
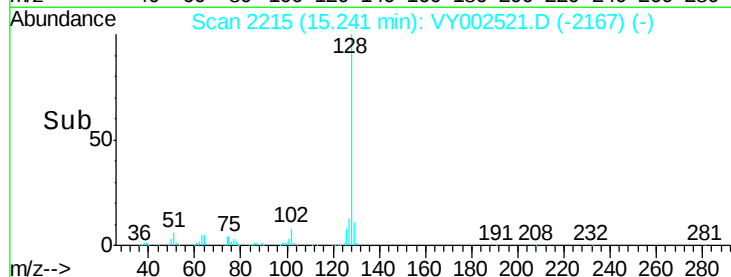
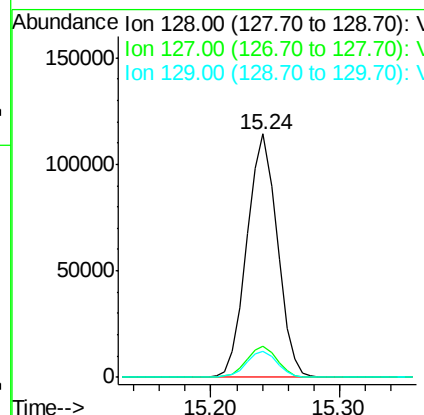
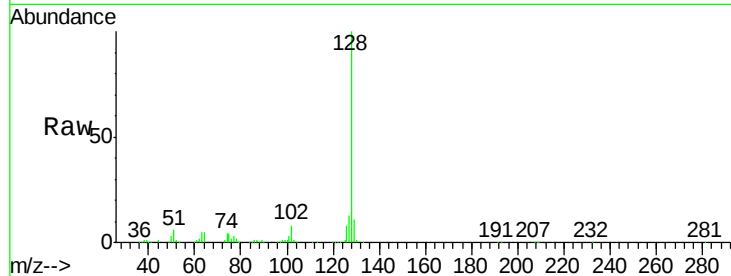
#95
Naphthalene
Concen: 19.705 ug/l
RT: 15.24 min Scan# 2215
Delta R.T. -0.01 min
Lab File: VY002521.D
Acq: 01 May 2020 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	185870		
127	12.9	10.5	15.7	
129	10.9	8.8	13.2	

Manual Integrations
APPROVED

MMDadoda
5/4/2020 2:19:13 PM



#96
1,2,3-Trichlorobenzene
Concen: 19.773 ug/l
RT: 15.43 min Scan# 2246
Delta R.T. -0.00 min
Lab File: VY002521.D
Acq: 01 May 2020 12:09

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	86794		
182	95.7	47.9	143.8	
145	29.6	15.0	45.1	

