

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY043020\
 Data File : VY002516.D
 Acq On : 30 Apr 2020 16:48
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICSVY043020

Manual Integrations
 APPROVED

MMDadoda
 5/5/2020 4:31:15 PM

Quant Time: May 04 12:32:19 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	370724	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	545344	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	499078	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	256225	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	169400	54.35	ug/l	-0.01
Spiked Amount						
			Recovery	=		108.70%
35) Dibromofluoromethane	7.73	113	172550	55.33	ug/l	0.00
Spiked Amount						
			Recovery	=		110.66%
50) Toluene-d8	10.18	98	679167	55.76	ug/l	-0.01
Spiked Amount						
			Recovery	=		111.52%
62) 4-Bromofluorobenzene	12.49	95	230362	55.74	ug/l	0.00
Spiked Amount						
			Recovery	=		111.48%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	162160	52.832	ug/l	96
3) Chloromethane	2.11	50	162865	54.224	ug/l	98
4) Vinyl Chloride	2.26	62	189693	54.695	ug/l	99
5) Bromomethane	2.66	94	128912	53.899	ug/l	99
6) Chloroethane	2.80	64	111725	53.951	ug/l	96
7) Trichlorofluoromethane	3.13	101	288930	53.753	ug/l	99
8) Diethyl Ether	3.54	74	94547	52.343	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.91	101	174072	52.988	ug/l	99
10) Methyl Iodide	4.10	142	247098	55.209	ug/l	99
11) Tert butyl alcohol	4.97	59	72190	225.103	ug/l	99
12) 1,1-Dichloroethene	3.88	96	170515	53.430	ug/l	97
13) Acrolein	3.74	56	63546	286.549	ug/l	95
14) Allyl chloride	4.49	41	248639	53.472	ug/l	99
15) Acrylonitrile	5.18	53	217278	255.074	ug/l	100
16) Acetone	3.96	43	163437	254.059	ug/l	95
17) Carbon Disulfide	4.21	76	535214	55.746	ug/l	100
18) Methyl Acetate	4.49	43	105834	49.238	ug/l	99
19) Methyl tert-butyl Ether	5.24	73	431198	51.788	ug/l	98
20) Methylene Chloride	4.73	84	181244	50.382	ug/l	99
21) trans-1,2-Dichloroethene	5.24	96	187254	53.683	ug/l	96
22) Diisopropyl ether	6.14	45	496693	52.792	ug/l	94
23) Vinyl Acetate	6.08	43	1568123	265.022	ug/l	100
24) 1,1-Dichloroethane	6.03	63	294574	52.924	ug/l	100
25) 2-Butanone	7.00	43	262545	249.319	ug/l	95
26) 2,2-Dichloropropane	7.00	77	269524	50.943	ug/l	100
27) cis-1,2-Dichloroethene	7.00	96	204044	52.867	ug/l	99
28) Bromochloromethane	7.35	49	125648	55.096	ug/l	100
29) Tetrahydrofuran	7.36	42	176306	253.053	ug/l	100
30) Chloroform	7.52	83	302787	52.318	ug/l	98
31) Cyclohexane	7.80	56	285652	50.985	ug/l	99
32) 1,1,1-Trichloroethane	7.72	97	284456	52.880	ug/l	100
36) 1,1-Dichloropropene	7.92	75	244750	53.536	ug/l	100
37) Ethyl Acetate	7.08	43	119702	50.953	ug/l	100
38) Carbon Tetrachloride	7.91	117	264713	53.036	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	327327	54.209	ug/l	99
40) Benzene	8.17	78	707752	53.602	ug/l	100
41) Methacrylonitrile	7.34	41	74339m	58.853	ug/l	
42) 1,2-Dichloroethane	8.25	62	193497	52.244	ug/l	100
43) Isopropyl Acetate	8.28	43	227244	51.597	ug/l	100
44) Trichloroethene	8.95	130	218489	52.949	ug/l	98
45) 1,2-Dichloropropane	9.22	63	167896	52.686	ug/l	99
46) Dibromomethane	9.31	93	94873	51.744	ug/l	98
47) Bromodichloromethane	9.50	83	236448	53.036	ug/l	99
48) Methyl methacrylate	9.30	41	103202	51.777	ug/l	99
49) 1,4-Dioxane	9.30	88	25168	1036.734	ug/l	98
51) 4-Methyl-2-Pentanone	10.08	43	580495	255.713	ug/l	100
52) Toluene	10.25	92	450861	53.131	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	248796	53.263	ug/l	98
54) cis-1,3-Dichloropropene	9.93	75	287867	53.308	ug/l	99
55) 1,1,2-Trichloroethane	10.65	97	138993	51.984	ug/l	98
56) Ethyl methacrylate	10.51	69	191080	53.720	ug/l	99
57) 1,3-Dichloropropane	10.80	76	234984	51.824	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.79	63	477426	254.524	ug/l	100
59) 2-Hexanone	10.83	43	399869	255.926	ug/l	100
60) Dibromochloromethane	10.99	129	180422	53.055	ug/l	100
61) 1,2-Dibromoethane	11.09	107	138075	52.153	ug/l	100
64) Tetrachloroethene	10.72	164	230405	51.960	ug/l	98
65) Chlorobenzene	11.52	112	496771	52.361	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	186885	53.066	ug/l	99
67) Ethyl Benzene	11.59	91	883254	52.999	ug/l	100
68) m/p-Xylenes	11.70	106	684480	106.150	ug/l	100
69) o-Xylene	12.03	106	320695	53.116	ug/l	99
70) Styrene	12.05	104	550301	53.316	ug/l	100
71) Bromoform	12.21	173	114821	52.529	ug/l	99
73) Isopropylbenzene	12.33	105	877655	52.852	ug/l	100
74) N-amyl acetate	12.14	43	206867	51.787	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	135033	51.131	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	118099m	51.866	ug/l	
77) Bromobenzene	12.61	156	217415	52.404	ug/l	99
78) n-propylbenzene	12.67	91	1021538	53.010	ug/l	99
79) 2-Chlorotoluene	12.76	91	559331	52.398	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	728677	52.937	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	57826	50.924	ug/l	100
82) 4-Chlorotoluene	12.86	91	587963	52.437	ug/l	99
83) tert-Butylbenzene	13.08	119	642737	53.253	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	730668	53.262	ug/l	100
85) sec-Butylbenzene	13.25	105	891066	53.205	ug/l	99
86) p-Isopropyltoluene	13.37	119	837950	53.398	ug/l	100
87) 1,3-Dichlorobenzene	13.37	146	411462	52.400	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	413893	53.232	ug/l	100
89) n-Butylbenzene	13.70	91	757573	53.030	ug/l	99
90) Hexachloroethane	13.96	117	151450	52.996	ug/l	98
91) 1,2-Dichlorobenzene	13.74	146	370452	52.872	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	24852	50.483	ug/l	98

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93) 1,2,4-Trichlorobenzene	15.01	180	268668	52.815	ug/l	100
94) Hexachlorobutadiene	15.11	225	162105	53.089	ug/l	99
95) Naphthalene	15.23	128	492237	53.044	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	230405	53.354	ug/l	99

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

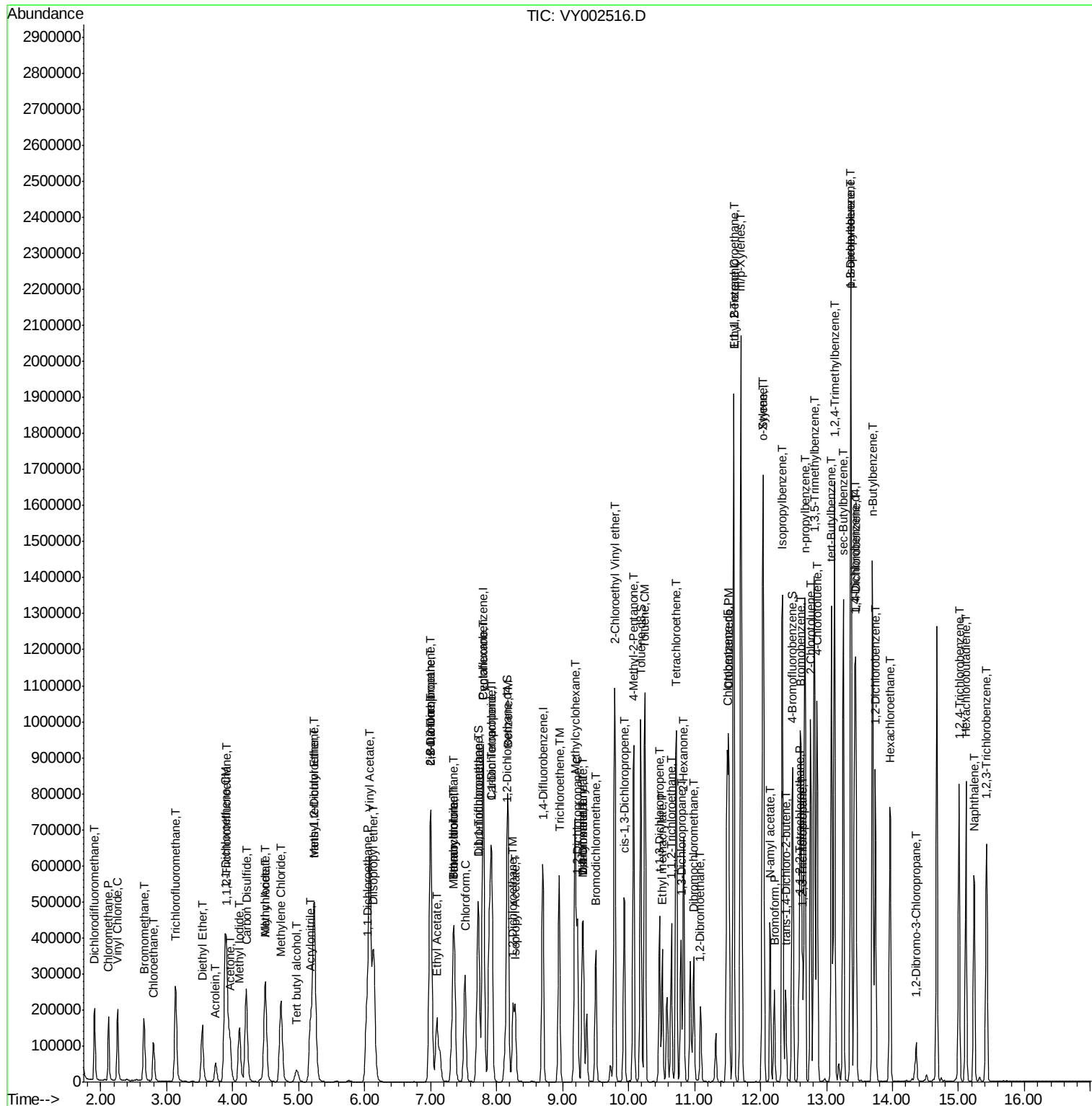
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY043020\
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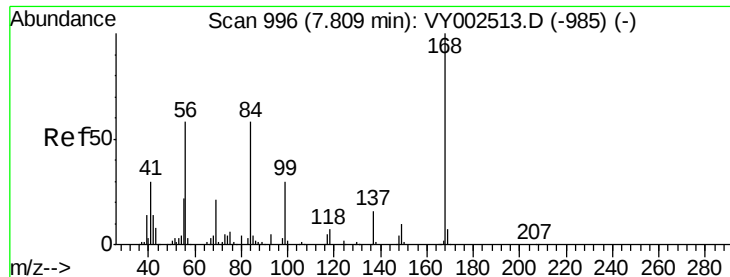
Instrument :
MSVOA_Y
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.01 min

Lab File: VY002516.D

Acq: 30 Apr 2020 16:48

Instrument :

MSVOA_Y

ClientSampleId :

ICVY043020

Tot Ion:168 Resp: 370724

Ion Ratio Lower Upper

168 100

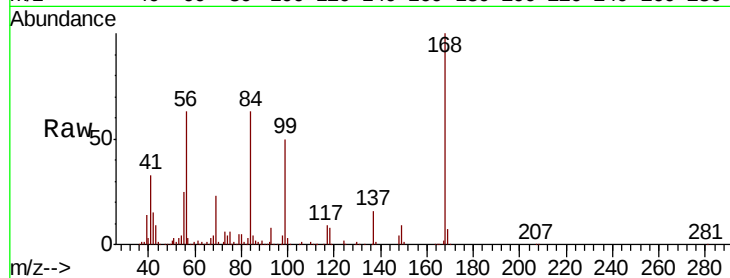
99 49.7 39.2 58.8

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

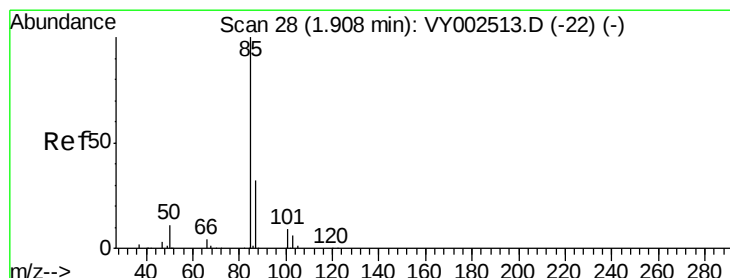
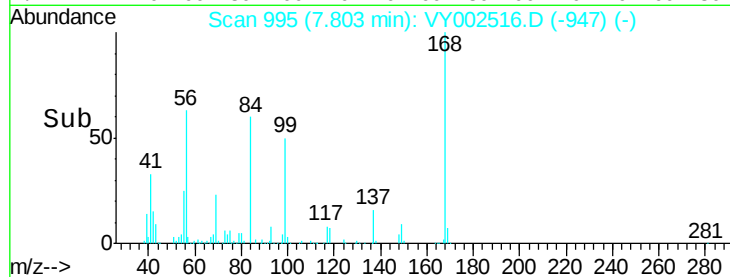
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 52.832 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.00 min

Lab File: VY002516.D

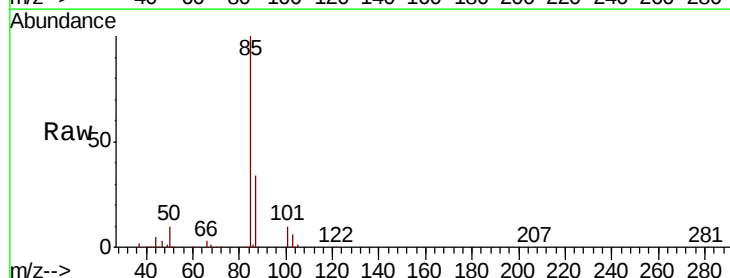
Acq: 30 Apr 2020 16:48

Tgt Ion: 85 Resp: 162160

Ion Ratio Lower Upper

85 100

87 34.1 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VY002516.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY002516.D (-1) (-)

1.91

120000

100000

80000

60000

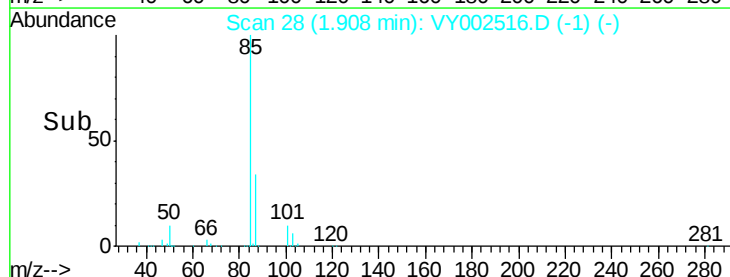
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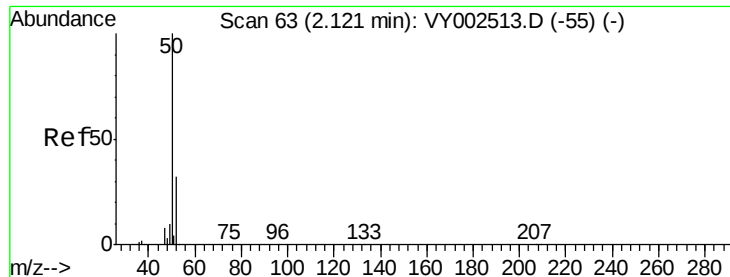
20000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 54.224 ug/l

RT: 2.11 min Scan# 62

Delta R.T. -0.01 min

Lab File: VY002516.D

Acq: 30 Apr 2020 16:48

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY043020

Tot Ion: 50 Resp: 162865

Ion Ratio Lower Upper

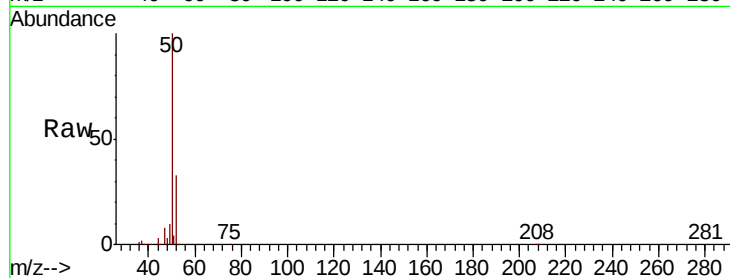
50 100

52 33.5 25.9 38.9

Manual Integrations
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Abundance Ion 49.90 (49.60 to 50.60): VY002516.D (-14) (-)

Ion 51.90 (51.60 to 52.60): VY002516.D (-14) (-)

2.11

120000

100000

80000

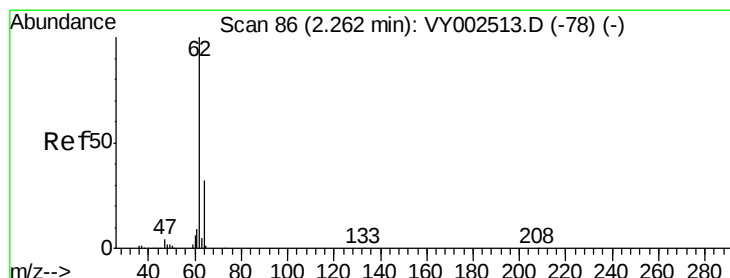
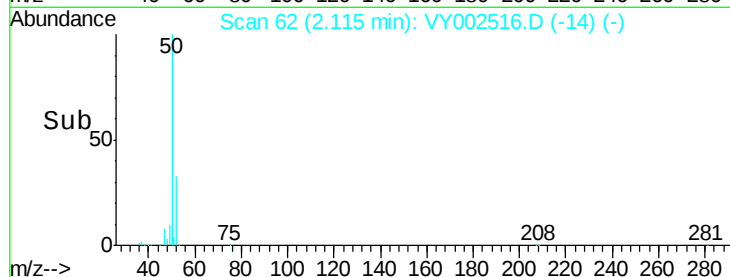
60000

40000

20000

0

Time-->



#4

Vinyl Chloride

Concen: 54.695 ug/l

RT: 2.26 min Scan# 85

Delta R.T. -0.01 min

Lab File: VY002516.D

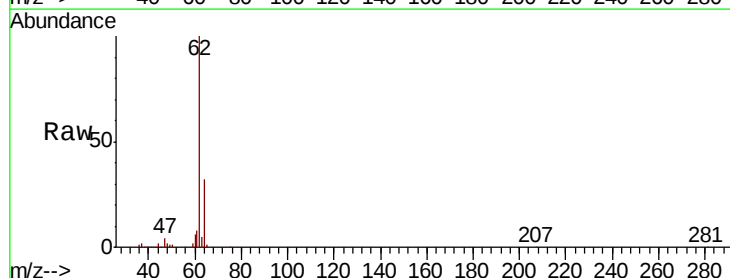
Acq: 30 Apr 2020 16:48

Tgt Ion: 62 Resp: 189693

Ion Ratio Lower Upper

62 100

64 32.1 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VY002516.D (-37) (-)

Ion 63.90 (63.60 to 64.60): VY002516.D (-37) (-)

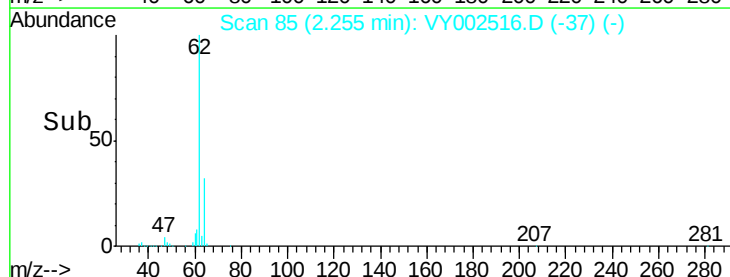
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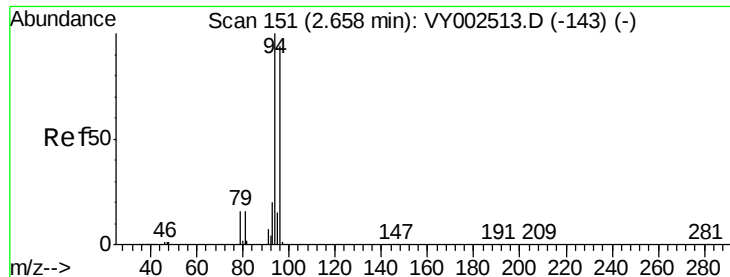
100000

50000

0

Time-->





#5

Bromomethane

Concen: 53.899 ug/l

RT: 2.66 min Scan# 151

Delta R.T. -0.00 min

Lab File: VY002516.D

Acq: 30 Apr 2020 16:48

Instrument :

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ClientSampleId :

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Tot Ion: 94 Resp: 128912

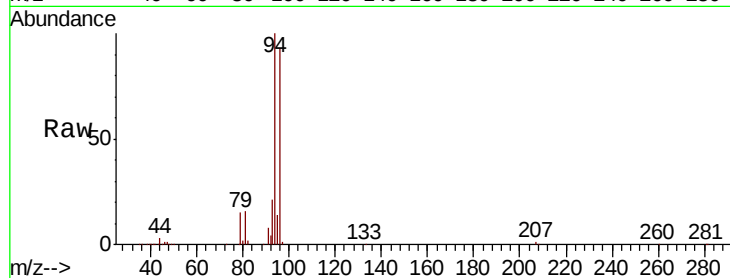
Ion Ratio Lower Upper

94 100

96 93.1 74.9 112.3

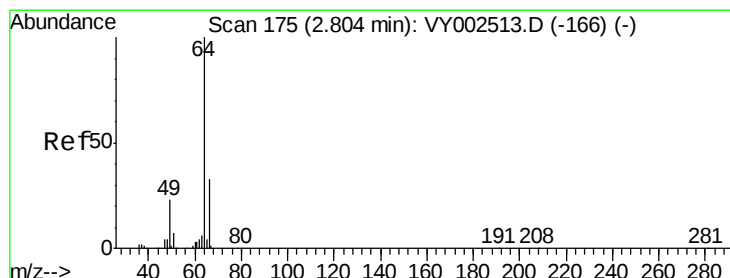
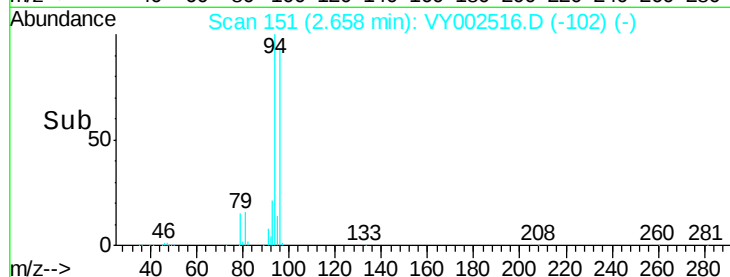
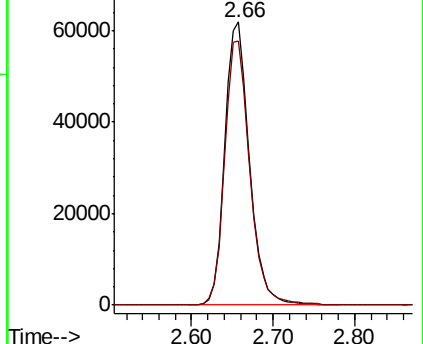
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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 53.951 ug/l

RT: 2.80 min Scan# 174

Delta R.T. -0.01 min

Lab File: VY002516.D

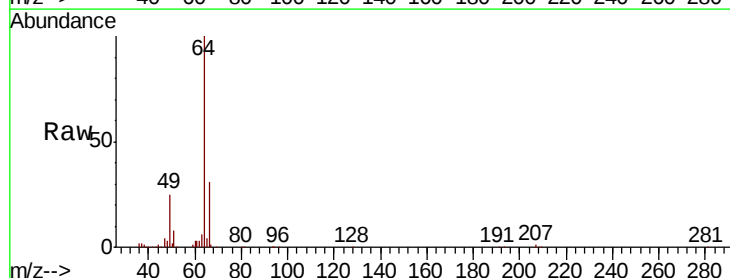
Acq: 30 Apr 2020 16:48

Tgt Ion: 64 Resp: 111725

Ion Ratio Lower Upper

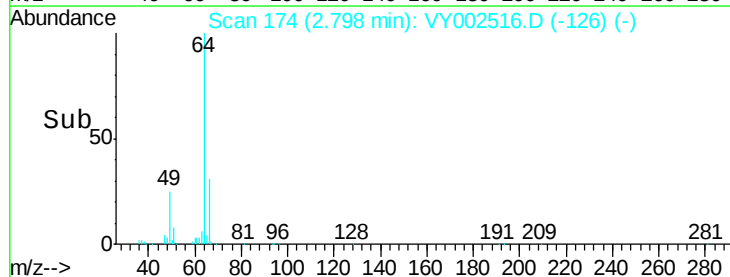
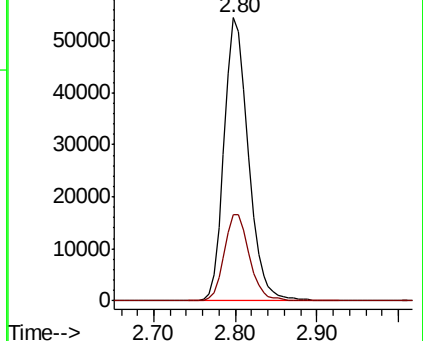
64 100

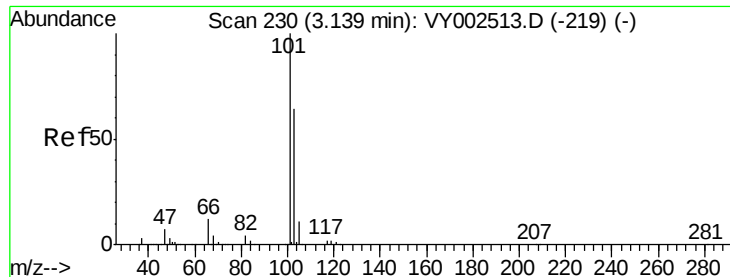
66 30.7 26.3 39.5



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

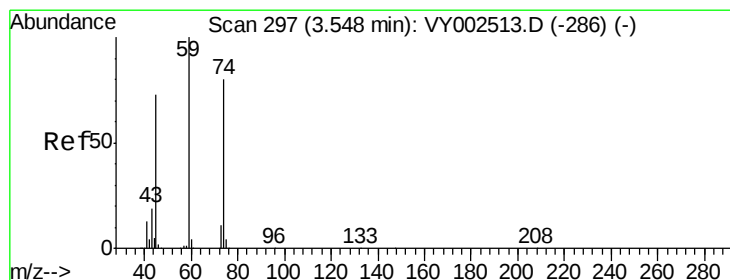
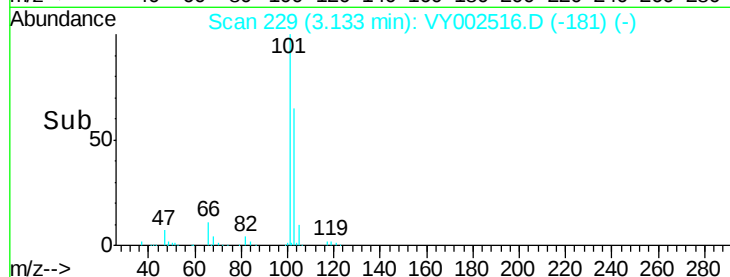
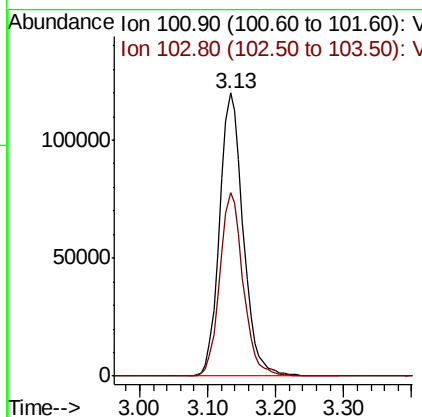
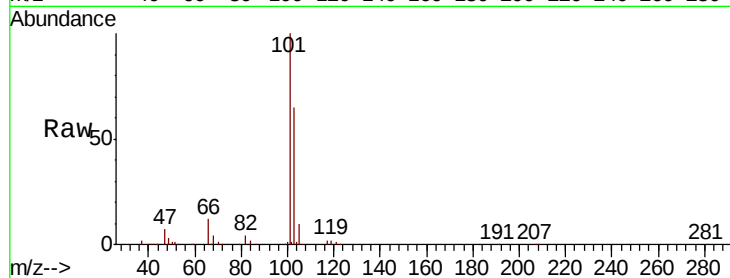
Trichlorofluoromethane
Concen: 53.753 ug/l
RT: 3.13 min Scan# 229
Delta R.T. -0.01 min
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Tot Ion	Ratio	Resp	Lower	Upper
101	100	288930		
103	65.0	51.4	77.0	

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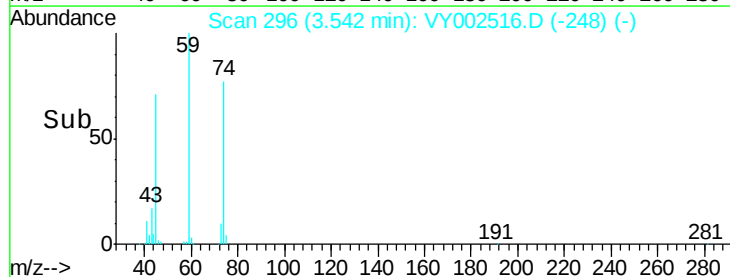
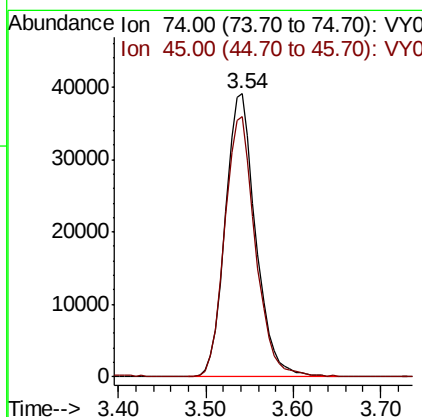
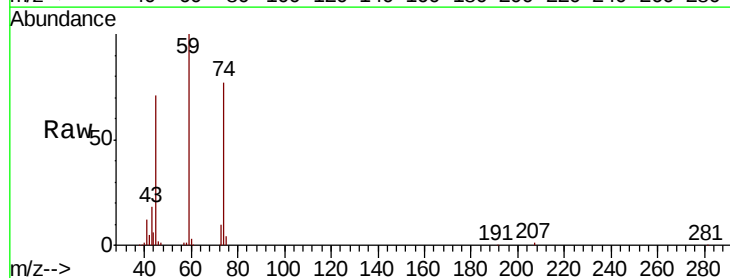
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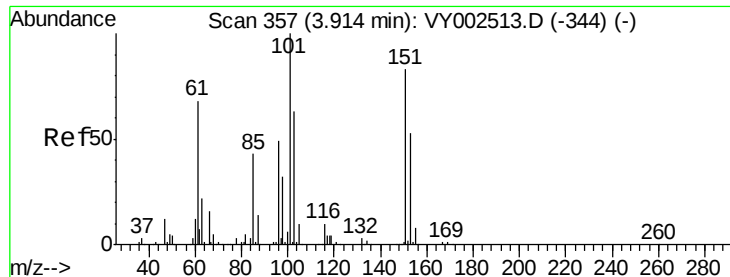


#8

Diethyl Ether
Concen: 52.343 ug/l
RT: 3.54 min Scan# 296
Delta R.T. -0.01 min
Lab File: VY002516.D
Acq: 30 Apr 2020 16:48

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	94547		
45	93.1	46.2	138.5	





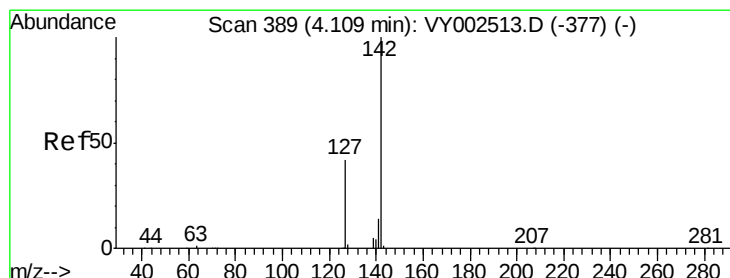
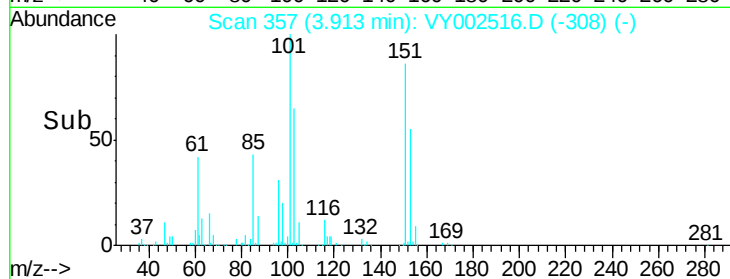
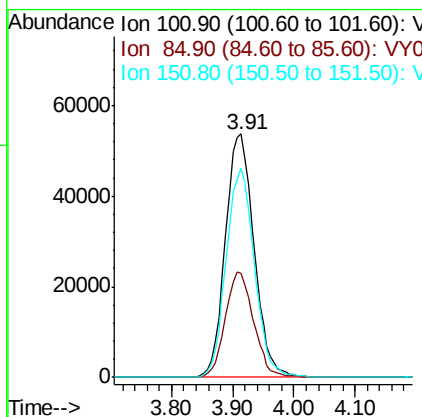
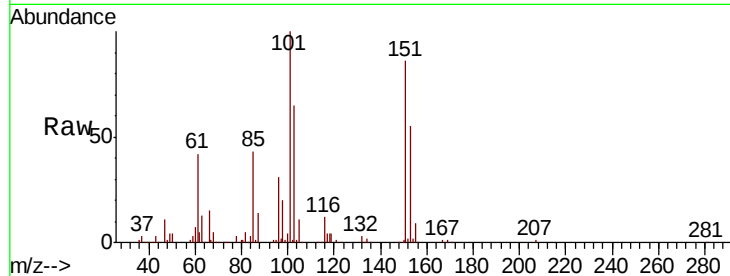
#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.988 ug/l
RT: 3.91 min Scan# 357
Delta R.T. -0.00 min
Lab File: VY002516.D
Acq: 30 Apr 2020 16:48

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY043020

Tot Ion	Ratio	Resp	Lower	Upper
101	100	174072		
85	42.7	33.4	50.2	
151	84.6	66.8	100.2	

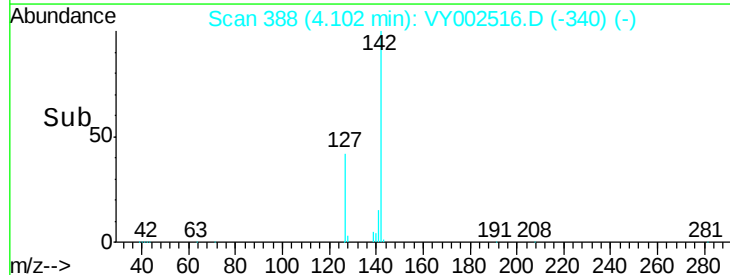
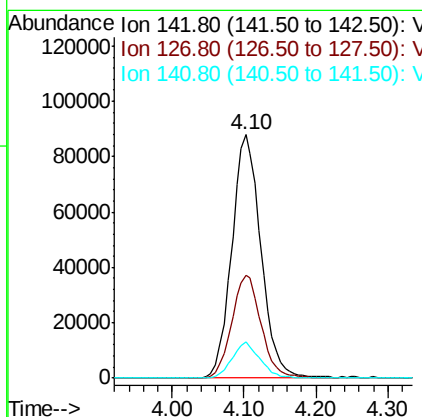
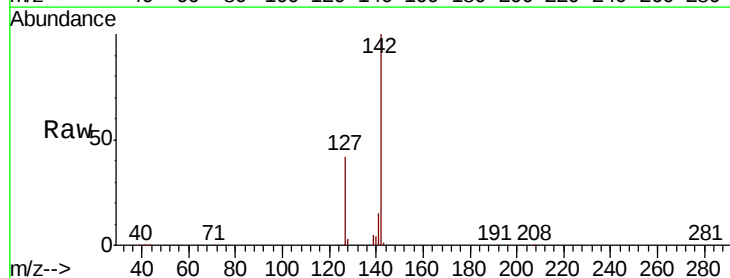
Manual Integrations
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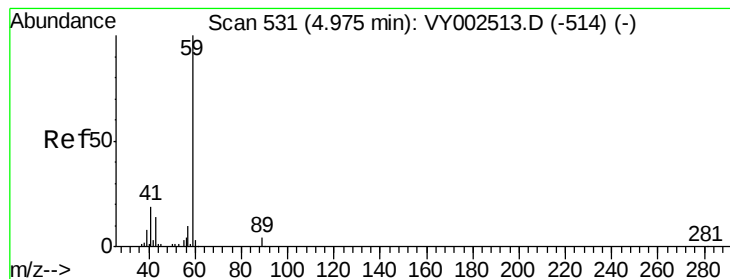
MMDadoda
5/5/2020 4:31:15 PM



#10
Methyl Iodide
Concen: 55.209 ug/l
RT: 4.10 min Scan# 388
Delta R.T. -0.01 min
Lab File: VY002516.D
Acq: 30 Apr 2020 16:48

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	247098		
127	42.5	33.7	50.5	
141	14.3	11.4	17.0	





#11

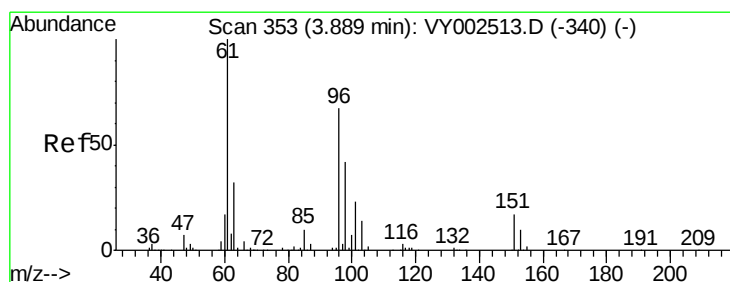
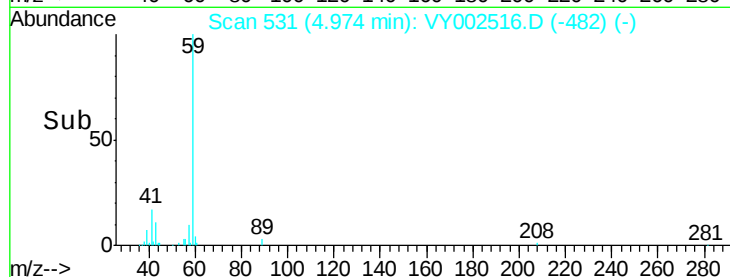
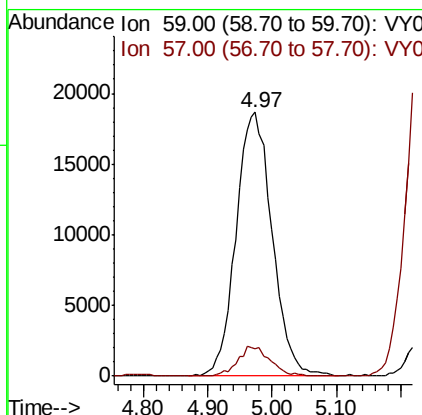
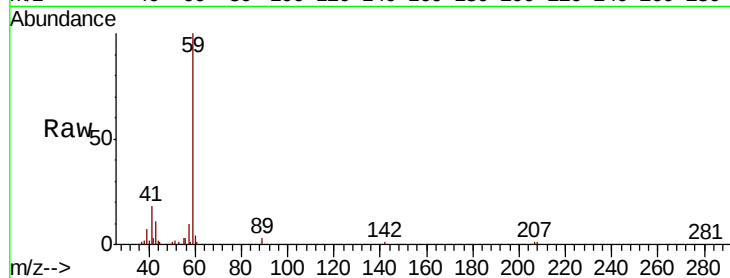
Tert butyl alcohol
Concen: 225.103 ug/l
RT: 4.97 min Scan# 531
Delta R.T. -0.00 min
Lab File: VY002516.D
Acq: 30 Apr 2020 16:48

Instrument :
MSVOA_Y
ClientSampleId :
ICVY043020

Tot Ion	59	Resp	72190
Ion Ratio	100	Lower	Upper
57	10.0	7.8	11.6

Manual Integrations
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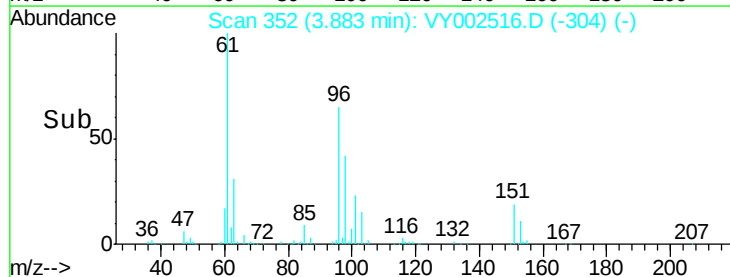
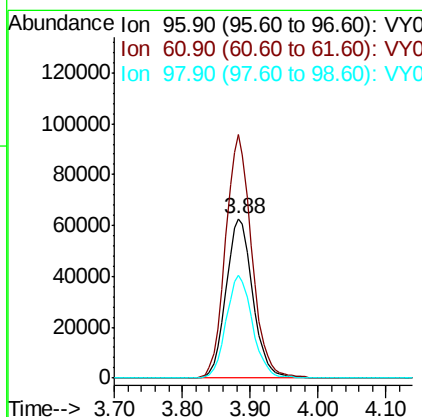
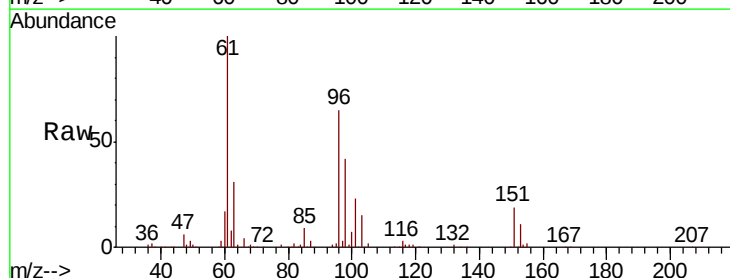
MMDadoda
5/5/2020 4:31:15 PM

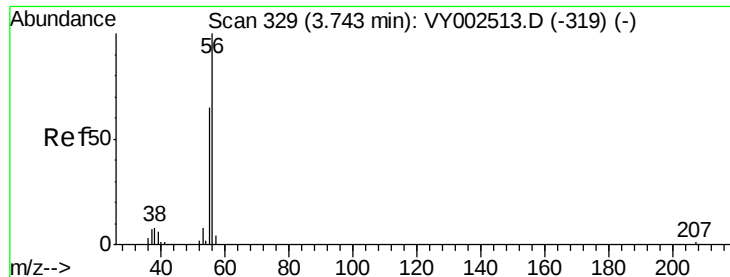


#12

1,1-Dichloroethene
Concen: 53.430 ug/l
RT: 3.88 min Scan# 352
Delta R.T. -0.01 min
Lab File: VY002516.D
Acq: 30 Apr 2020 16:48

Tgt Ion	96	Resp	170515
Ion Ratio	100	Lower	Upper
61	152.9	118.8	178.2
98	64.6	49.6	74.4





#13

Acrolein

Concen: 286.549 ug/l

RT: 3.74 min Scan# 328

Delta R.T. -0.01 min

Lab File: VY002516.D

Acq: 30 Apr 2020 16:48

Instrument :

MSVOA_Y

ClientSampleId :

ICVY043020

Tot Ion: 56 Resp: 63546

Ion Ratio Lower Upper

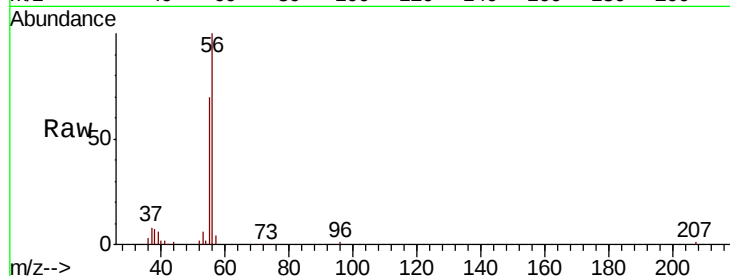
56 100

55 71.0 53.8 80.6

Manual Integrations
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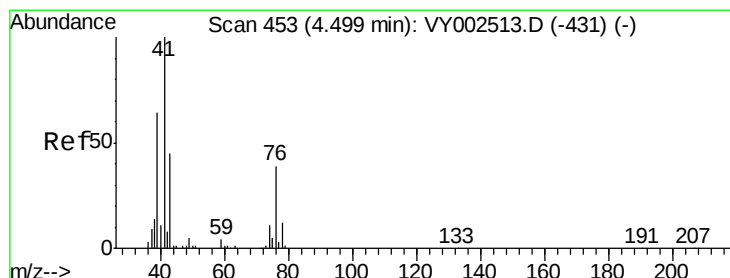
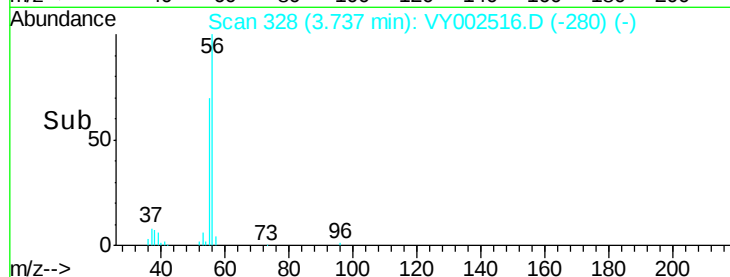
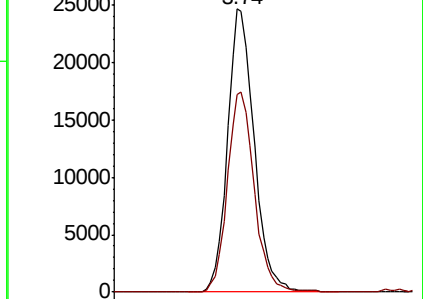
MMDadoda

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Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0



#14

Allyl chloride

Concen: 53.472 ug/l

RT: 4.49 min Scan# 452

Delta R.T. -0.01 min

Lab File: VY002516.D

Acq: 30 Apr 2020 16:48

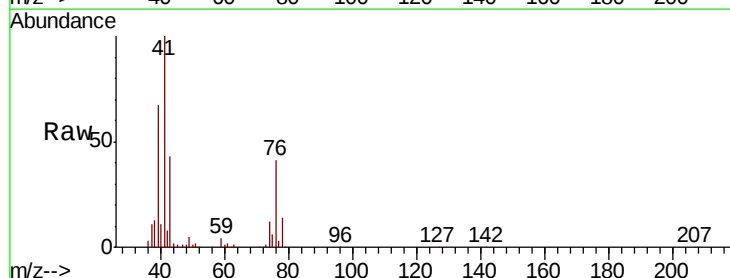
Tgt Ion: 41 Resp: 248639

Ion Ratio Lower Upper

41 100

39 65.6 51.8 77.6

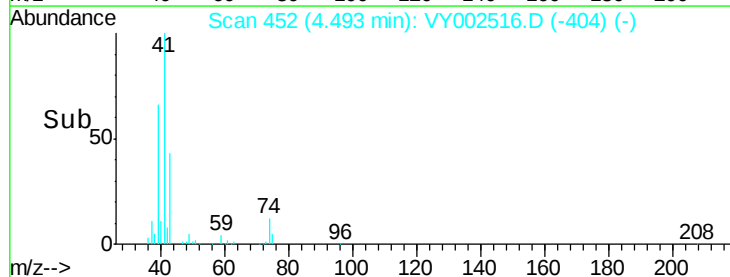
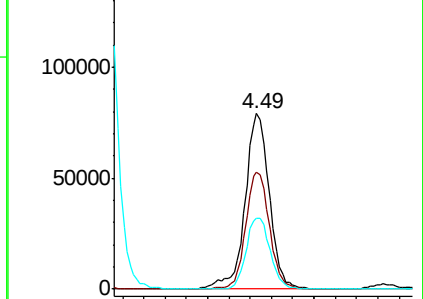
76 40.1 31.7 47.5

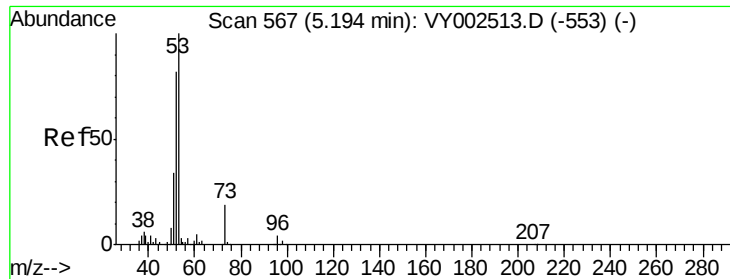


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0





#15

Acrylonitrile

Concen: 255.074 ug/l

RT: 5.18 min Scan# 564

Delta R.T. -0.02 min

Lab File: VY002516.D

Acq: 30 Apr 2020 16:48

Instrument :

MSVOA_Y

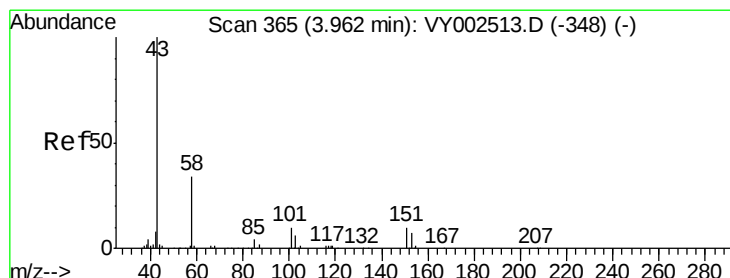
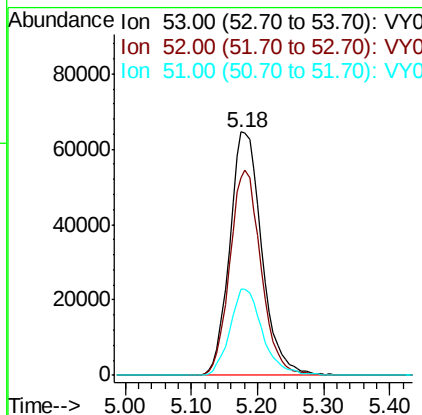
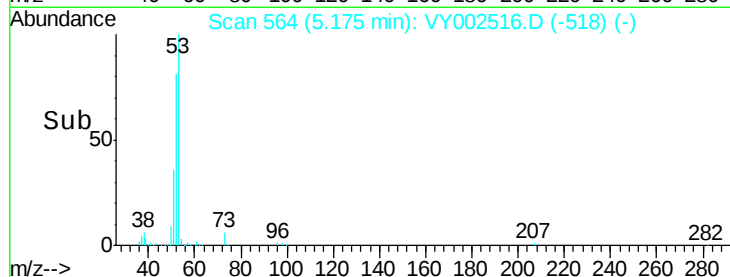
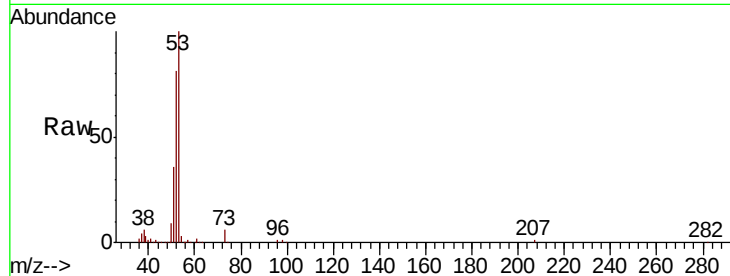
ClientSampleId :

ICVVY043020

Tot Ion:	53	Resp:	217278
Ion	Ratio	Lower	Upper
53	100		
52	82.1	65.4	98.0
51	36.1	28.7	43.1

Manual Integrations
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#16

Acetone

Concen: 254.059 ug/l

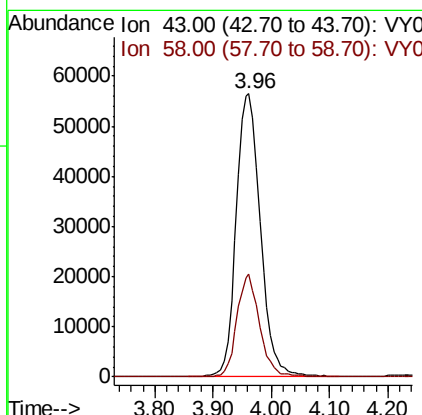
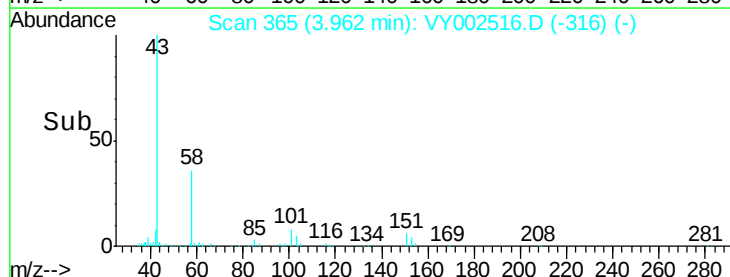
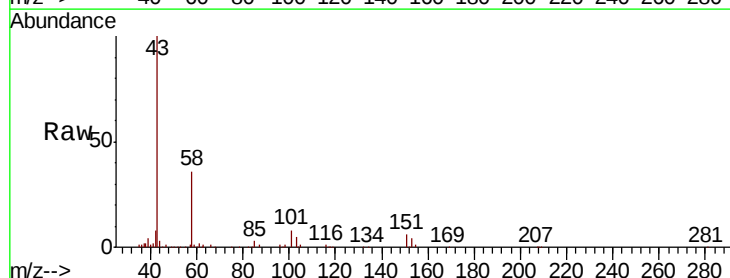
RT: 3.96 min Scan# 365

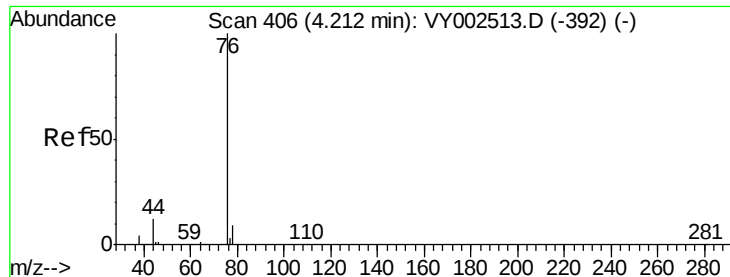
Delta R.T. -0.00 min

Lab File: VY002516.D

Acq: 30 Apr 2020 16:48

Tgt Ion:	43	Resp:	163437
Ion	Ratio	Lower	Upper
43	100		
58	36.2	26.9	40.3





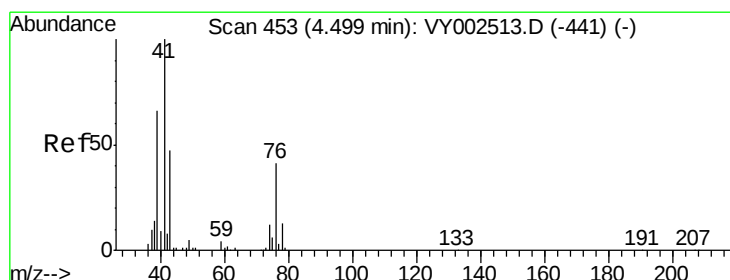
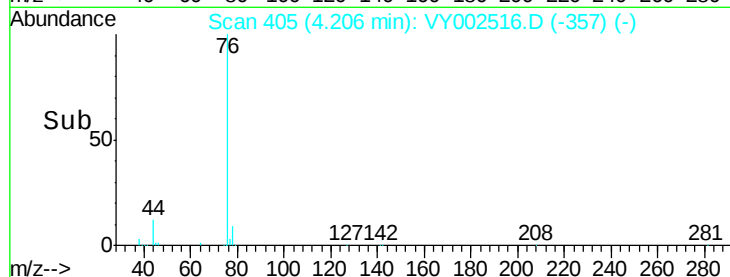
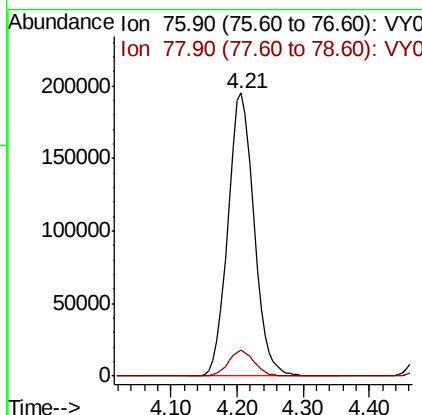
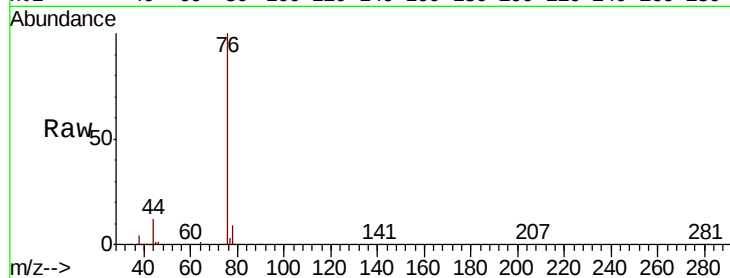
#17
Carbon Disulfide
Concen: 55.746 ug/l
RT: 4.21 min Scan# 405
Delta R.T. -0.01 min
Lab File: VY002516.D
Acq: 30 Apr 2020 16:48

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY043020

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.4	7.4	11.2

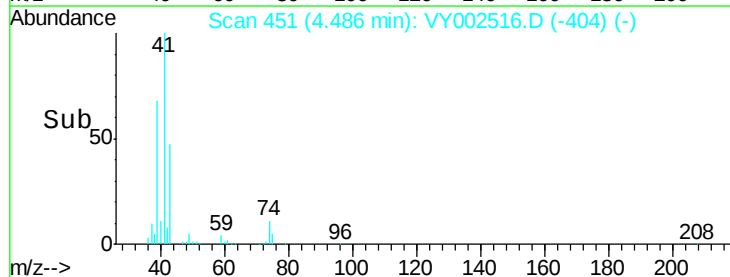
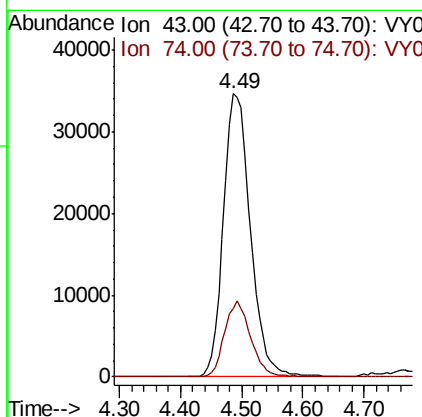
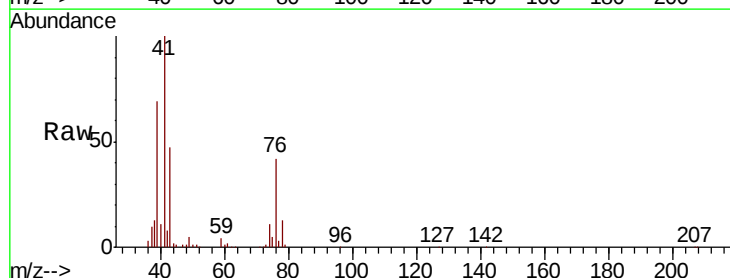
Manual Integrations
APPROVED

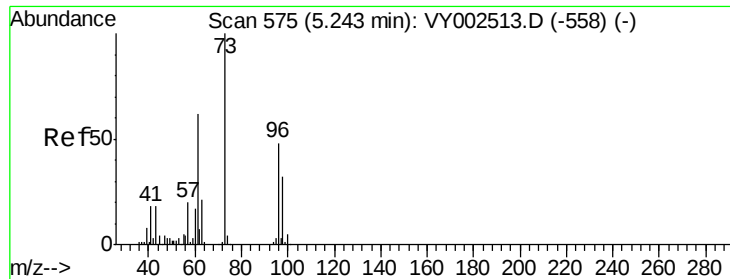
MMDadoda
5/5/2020 4:31:15 PM



#18
Methyl Acetate
Concen: 49.238 ug/l
RT: 4.49 min Scan# 451
Delta R.T. -0.01 min
Lab File: VY002516.D
Acq: 30 Apr 2020 16:48

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.8	21.2	31.8





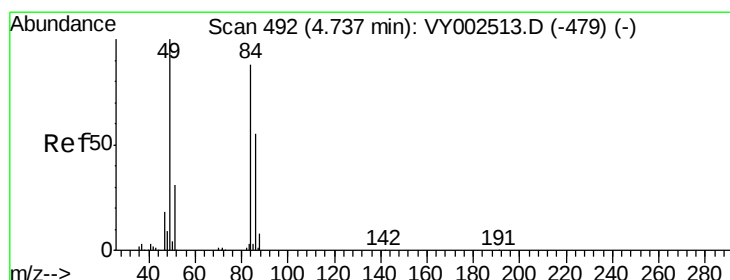
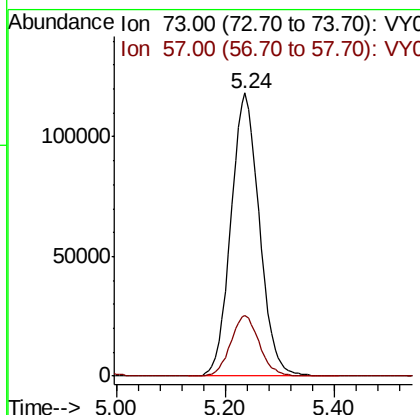
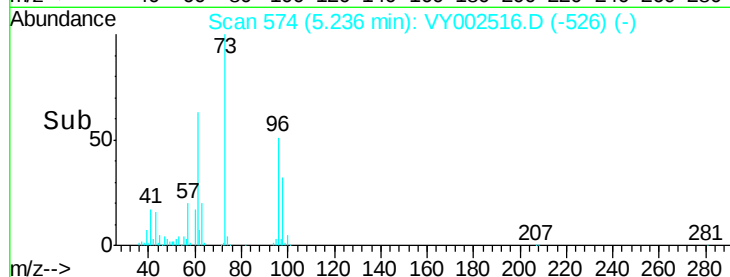
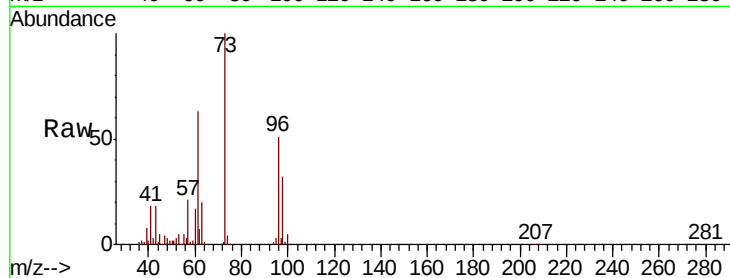
#19
Methvl tert-butvl Ether
Concen: 51.788 ug/l
RT: 5.24 min Scan# 574
Delta R.T. -0.01 min
Lab File: VY002516.D
Acq: 30 Apr 2020 16:48

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY043020

Tot Ion: 73 Resp: 431198
Ion Ratio Lower Upper
73 100
57 21.2 16.3 24.5

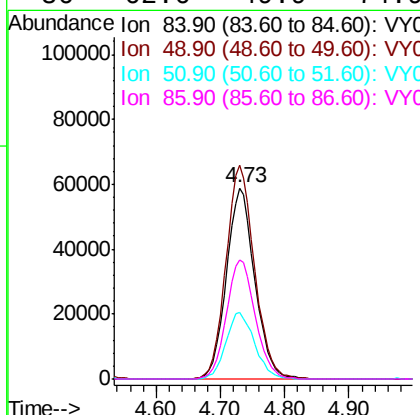
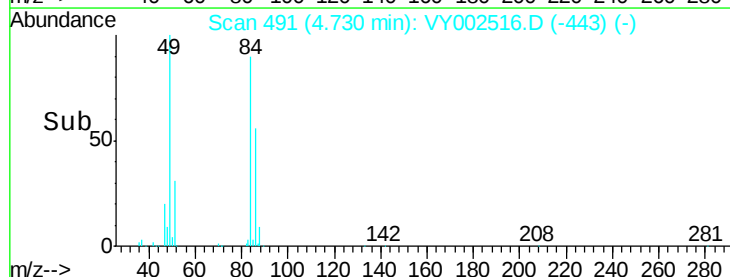
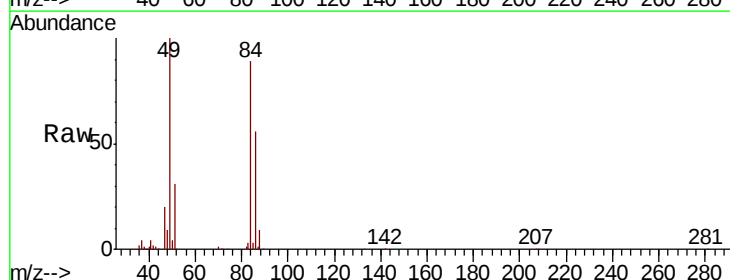
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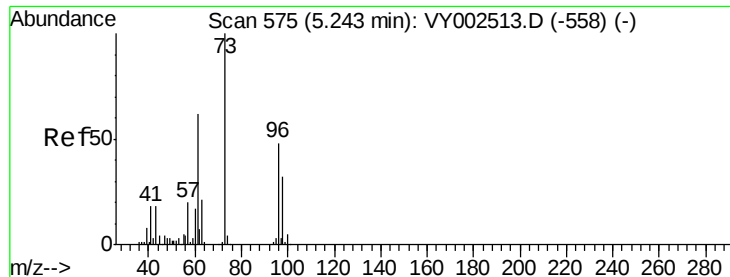
MMDadoda
5/5/2020 4:31:15 PM



#20
Methylene Chloride
Concen: 50.382 ug/l
RT: 4.73 min Scan# 491
Delta R.T. -0.01 min
Lab File: VY002516.D
Acq: 30 Apr 2020 16:48

Tgt Ion: 84 Resp: 181244
Ion Ratio Lower Upper
84 100
49 111.9 90.5 135.7
51 34.7 28.3 42.5
86 62.6 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 53.683 ug/l

RT: 5.24 min Scan# 574

Delta R.T. -0.01 min

Lab File: VY002516.D

Acq: 30 Apr 2020 16:48

Instrument :

MSVOA_Y

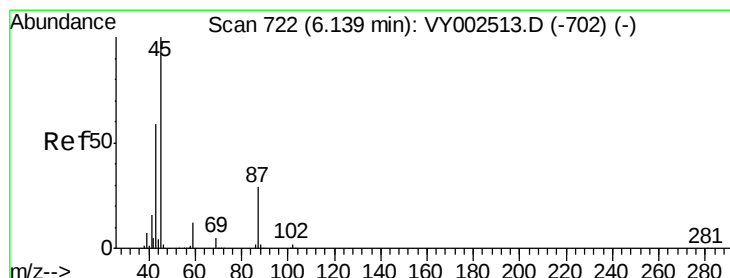
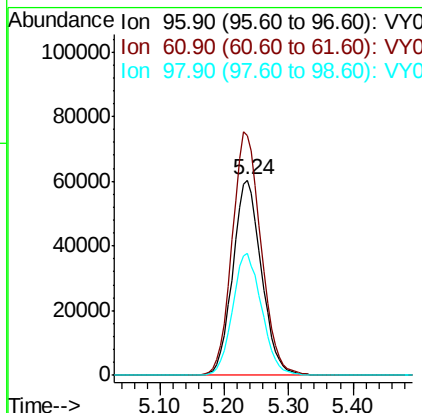
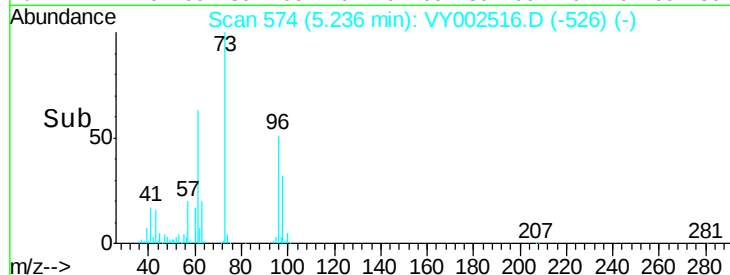
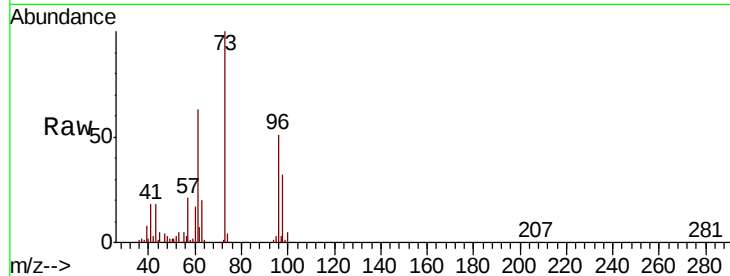
ClientSampleId :

ICVVY043020

Tot Ion:	96	Resp:	187254
Ion	Ratio	Lower	Upper
96	100		
61	122.6	102.0	153.0
98	62.6	53.0	79.4

Manual Integrations
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#22

Diisopropyl ether

Concen: 52.792 ug/l

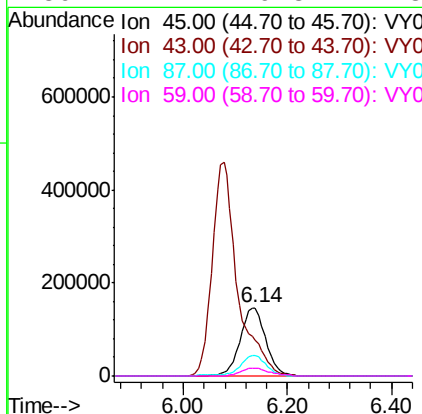
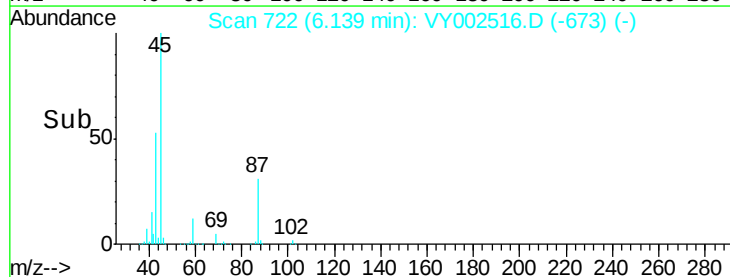
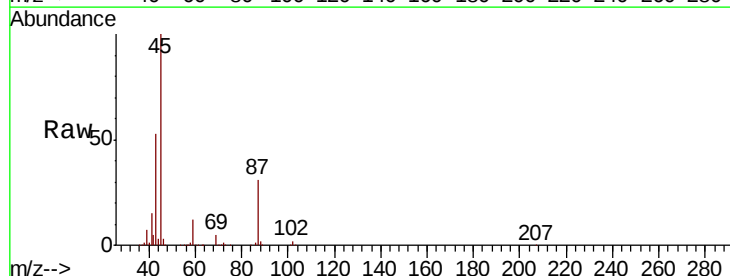
RT: 6.14 min Scan# 722

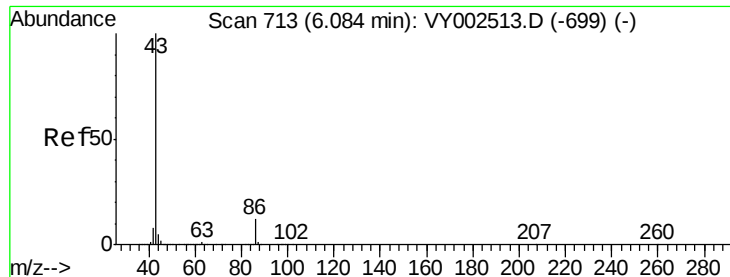
Delta R.T. -0.00 min

Lab File: VY002516.D

Acq: 30 Apr 2020 16:48

Tgt Ion:	45	Resp:	496693
Ion	Ratio	Lower	Upper
45	100		
43	52.7	47.4	71.0
87	30.9	24.0	36.0
59	12.2	9.8	14.8





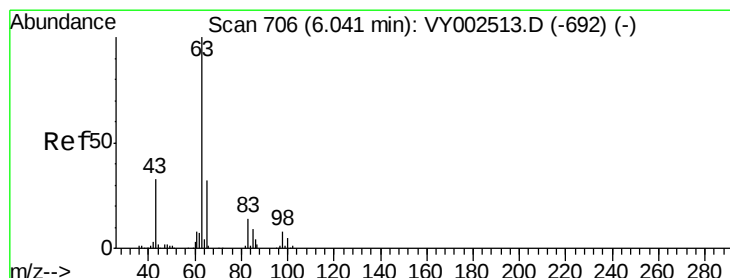
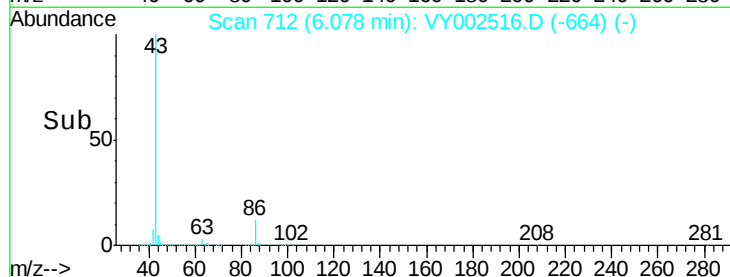
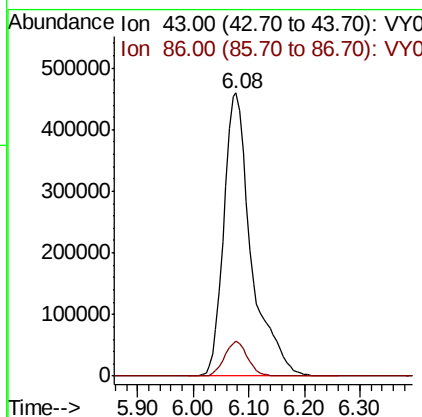
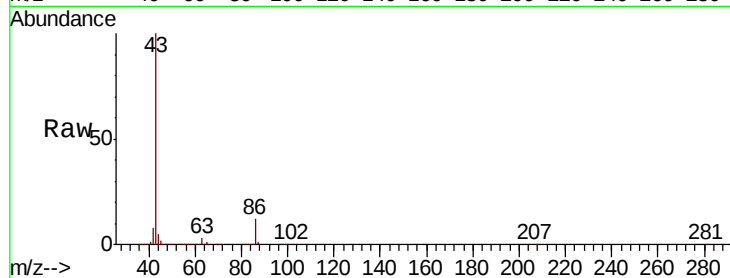
#23
 Vinyl Acetate
 Concen: 265.022 ug/l
 RT: 6.08 min Scan# 712
 Delta R.T. -0.01 min
 Lab File: VY002516.D
 Acq: 30 Apr 2020 16:48

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY043020

Tot Ion: 43 Resp: 1568123
 Ion Ratio Lower Upper
 43 100
 86 12.2 9.8 14.6

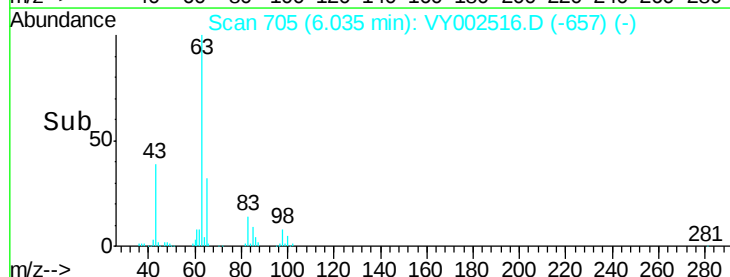
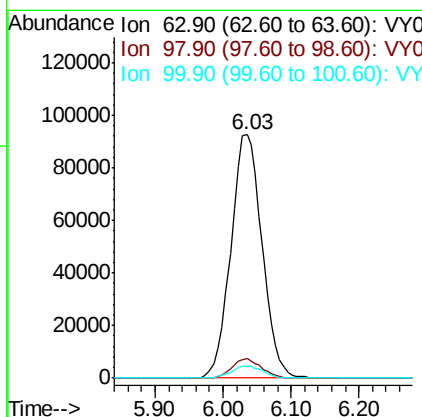
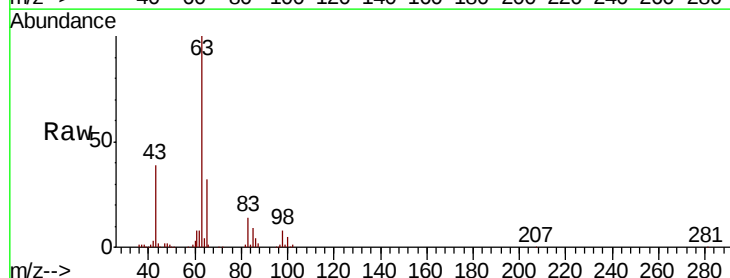
Manual Integrations
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MMDadoda
 5/5/2020 4:31:15 PM



#24
 1,1-Dichloroethane
 Concen: 52.924 ug/l
 RT: 6.03 min Scan# 705
 Delta R.T. -0.01 min
 Lab File: VY002516.D
 Acq: 30 Apr 2020 16:48

Tgt Ion: 63 Resp: 294574
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.9 11.7
 100 4.9 2.4 7.2





#25

2-Butanone

Concen: 249.319 ug/l

RT: 7.00 min Scan# 863

Delta R.T. -0.01 min

Lab File: VY002516.D

Acq: 30 Apr 2020 16:48

Instrument :

MSVOA_Y

ClientSampleId :

ICVY043020

Tot Ion: 43 Resp: 262545

Ion Ratio Lower Upper

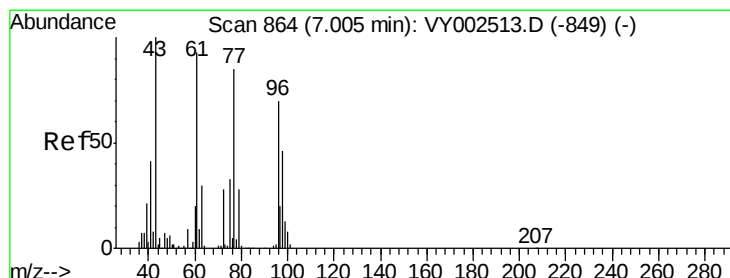
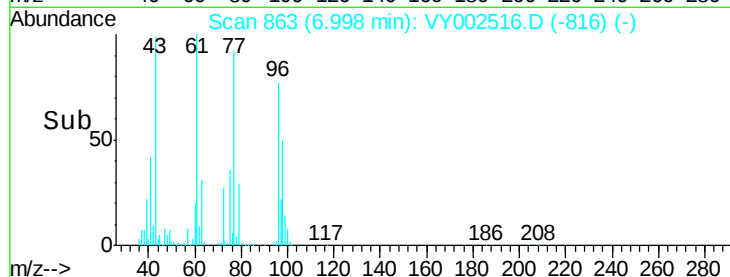
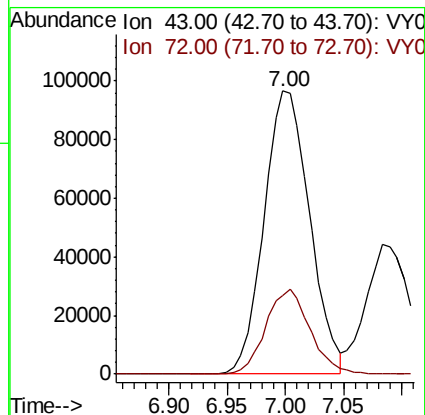
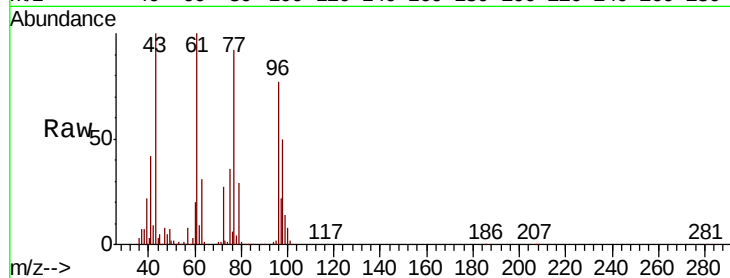
43 100

72 27.6 24.1 36.1

Manual Integrations
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#26

2,2-Dichloropropane

Concen: 50.943 ug/l

RT: 7.00 min Scan# 863

Delta R.T. -0.01 min

Lab File: VY002516.D

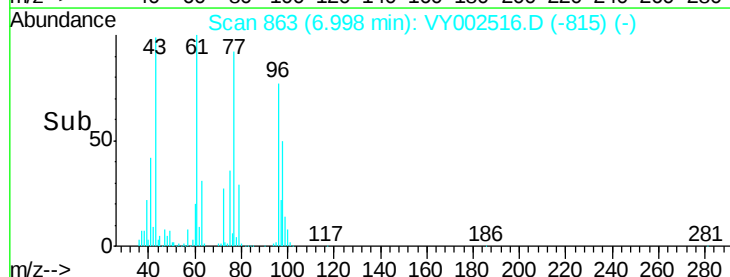
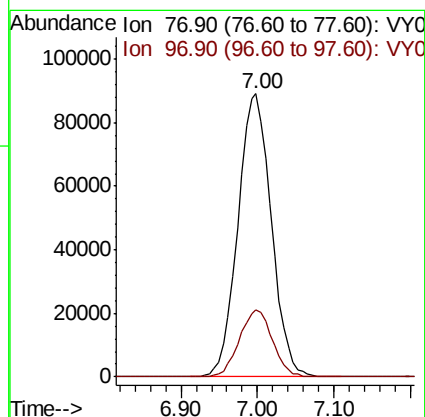
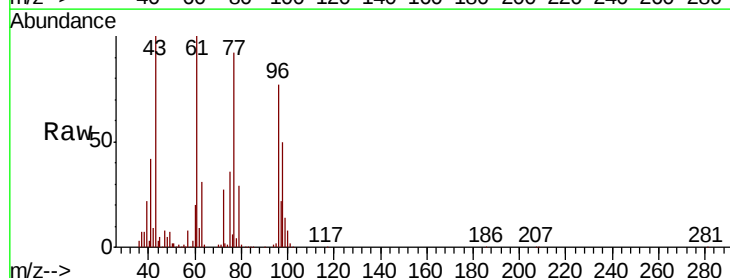
Acq: 30 Apr 2020 16:48

Tgt Ion: 77 Resp: 269524

Ion Ratio Lower Upper

77 100

97 23.5 11.9 35.5





#27

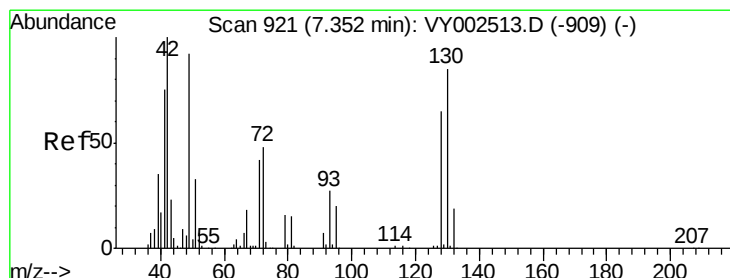
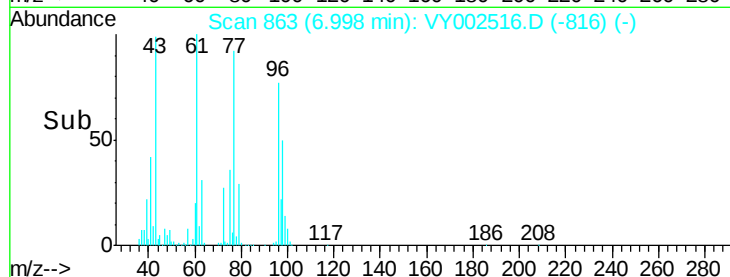
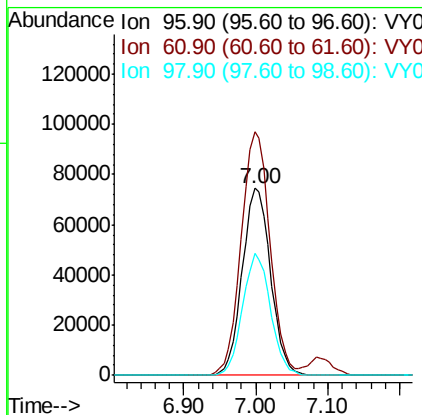
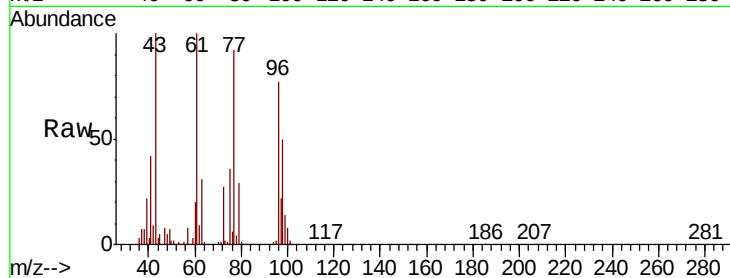
cis-1,2-Dichloroethene
Concen: 52.867 ug/l
RT: 7.00 min Scan# 863
Delta R.T. -0.01 min
Lab File: VY002516.D
Acq: 30 Apr 2020 16:48

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY043020

Tot Ion	Ratio	Resp	Lower	Upper
96	100	204044		
61	132.4		0.0	266.6
98	63.9		0.0	129.2

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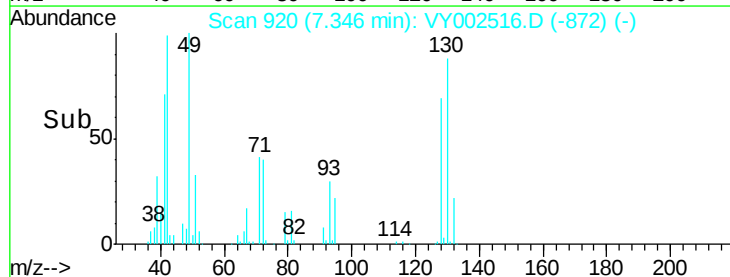
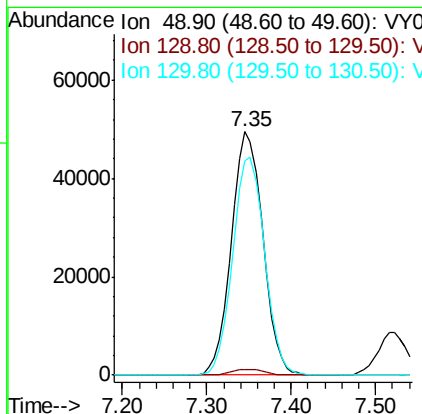
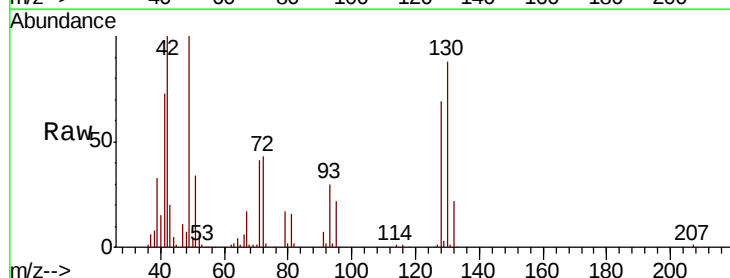
MMDadoda
5/5/2020 4:31:15 PM

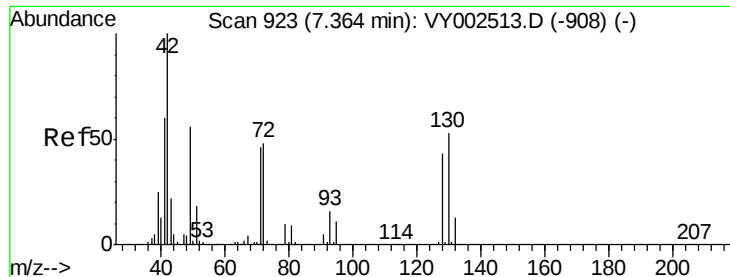


#28

Bromochloromethane
Concen: 55.096 ug/l
RT: 7.35 min Scan# 920
Delta R.T. -0.01 min
Lab File: VY002516.D
Acq: 30 Apr 2020 16:48

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	125648		
129	2.6		0.0	4.8
130	90.4		72.5	108.7





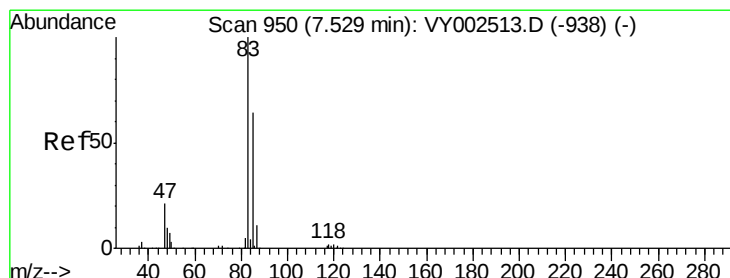
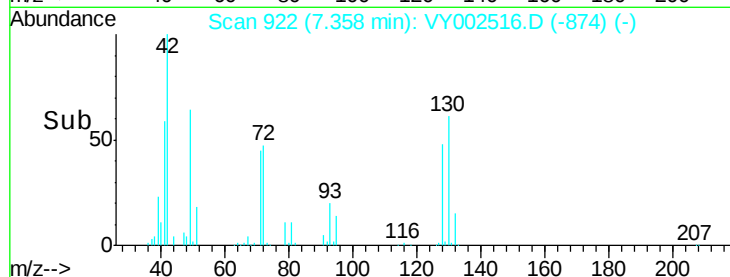
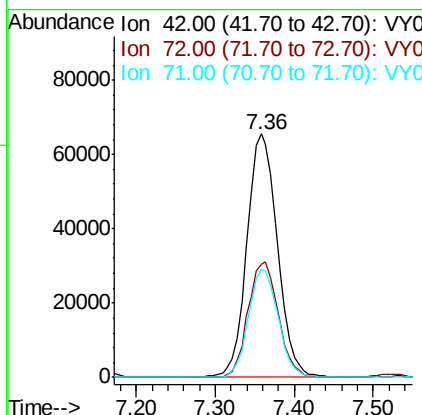
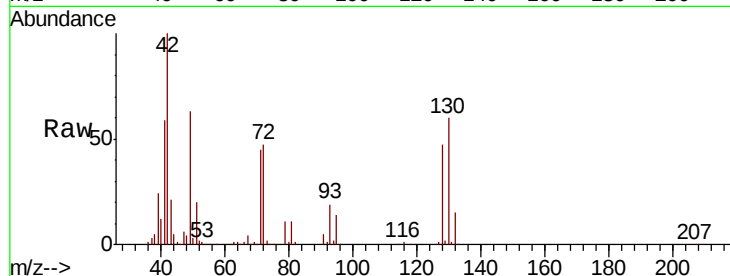
#29
Tetrahydrofuran
Concen: 253.053 ug/l
RT: 7.36 min Scan# 922
Delta R.T. -0.01 min
Lab File: VY002516.D
Acq: 30 Apr 2020 16:48

Instrument :
MSVOA_Y
ClientSampleId :
ICVY043020

Tot Ion	Ratio	Lower	Upper
42	100		
72	47.1	37.4	56.2
71	43.5	35.0	52.4

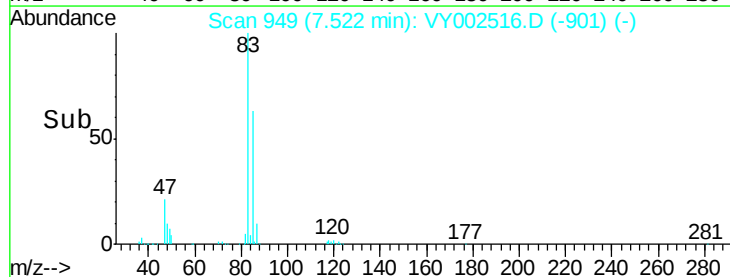
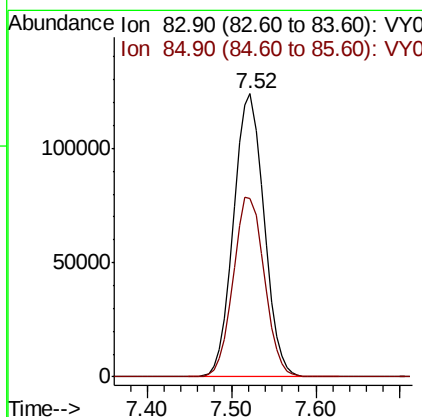
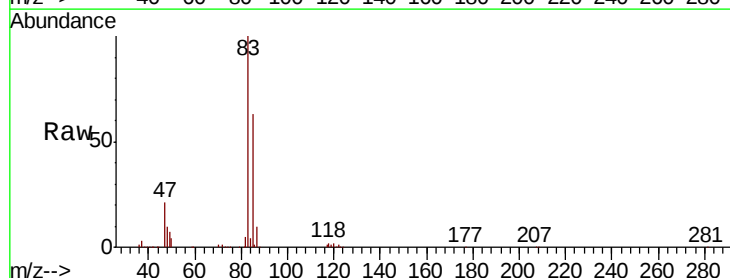
Manual Integrations
APPROVED

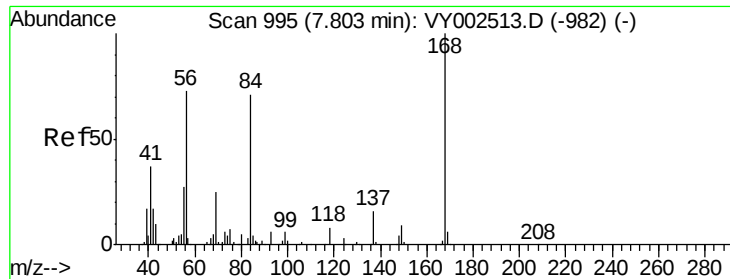
MMDadoda
5/5/2020 4:31:15 PM



#30
Chloroform
Concen: 52.318 ug/l
RT: 7.52 min Scan# 949
Delta R.T. -0.01 min
Lab File: VY002516.D
Acq: 30 Apr 2020 16:48

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.9	51.5	77.3





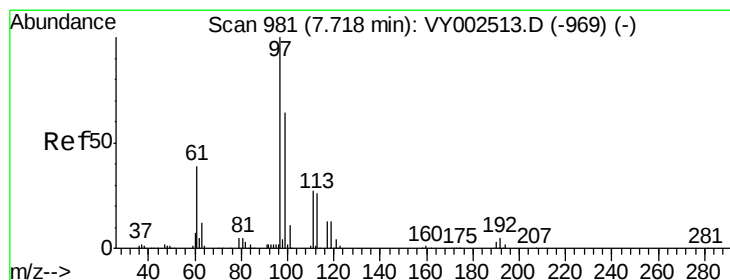
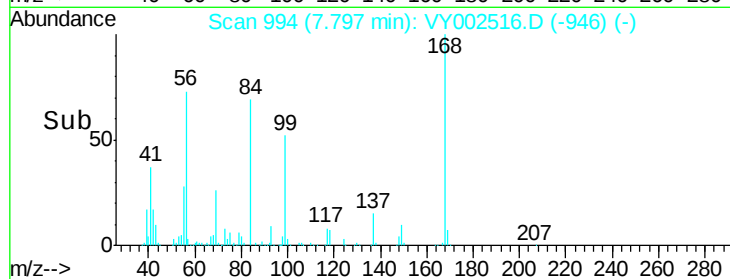
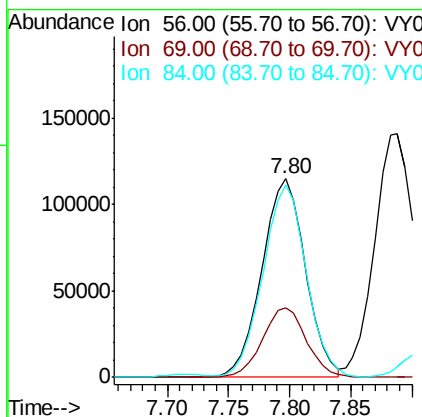
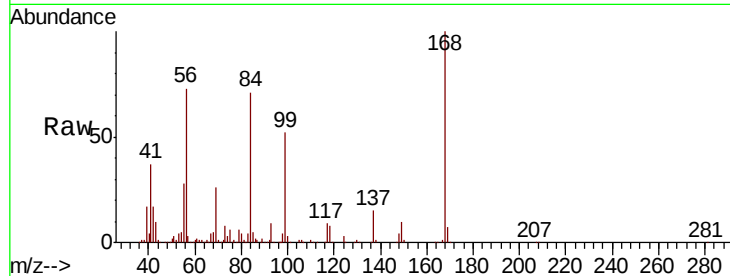
#31
Cyclohexane
Concen: 50.985 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.01 min
Lab File: VY002516.D
Acq: 30 Apr 2020 16:48

Instrument :
MSVOA_Y
ClientSampleId :
ICVY043020

Tot Ion	Ratio	Lower	Upper
56	100		
69	34.9	27.6	41.4
84	95.8	77.7	116.5

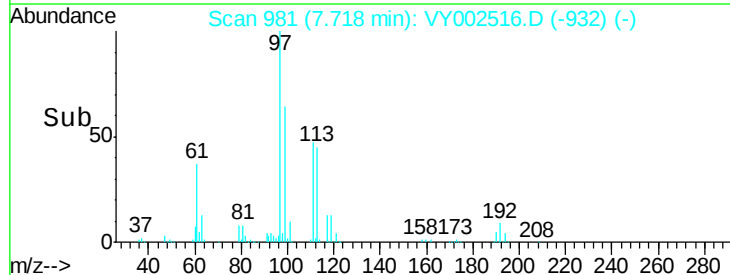
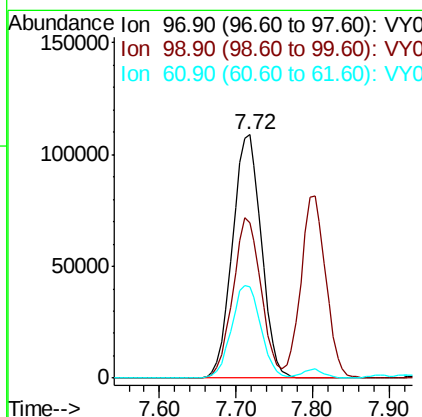
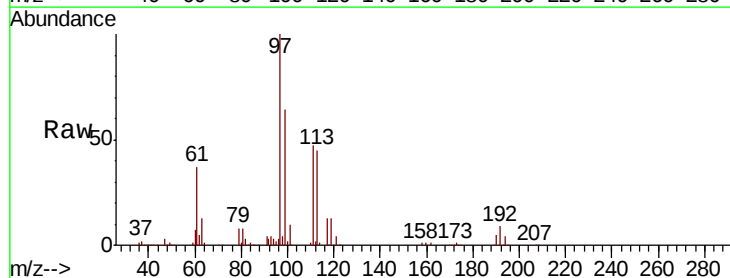
Manual Integrations
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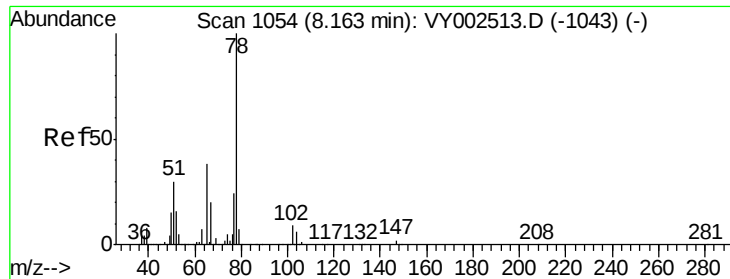
MMDadoda
5/5/2020 4:31:15 PM



#32
1,1,1-Trichloroethane
Concen: 52.880 ug/l
RT: 7.72 min Scan# 981
Delta R.T. -0.00 min
Lab File: VY002516.D
Acq: 30 Apr 2020 16:48

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.9	77.9
61	38.6	31.0	46.6





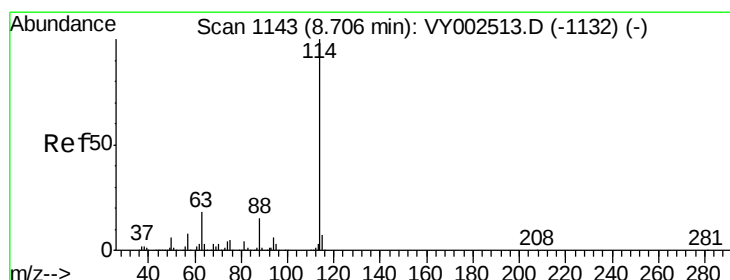
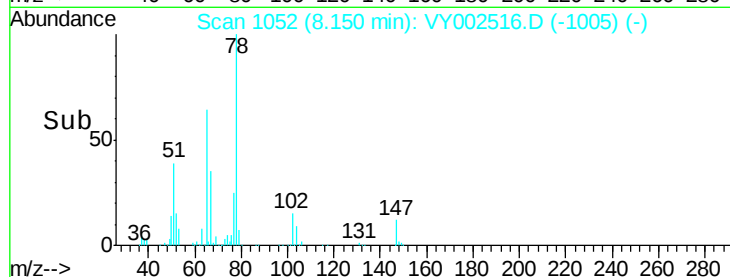
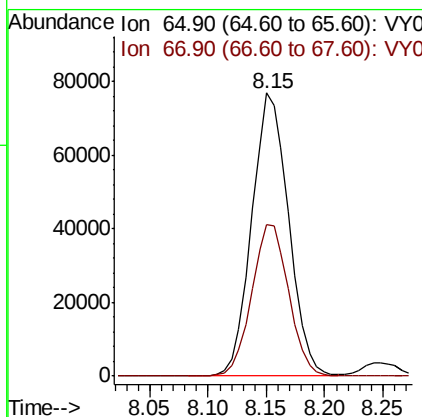
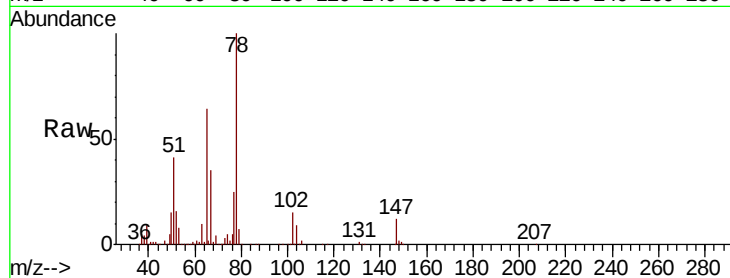
#33
 1,2-Dichloroethane-d4
 Concen: 54.345 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: VY002516.D
 Acq: 30 Apr 2020 16:48

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY043020

Tot Ion	Ratio	Resp	Lower	Upper
65	100	169400		
67	53.8	0.0	107.2	

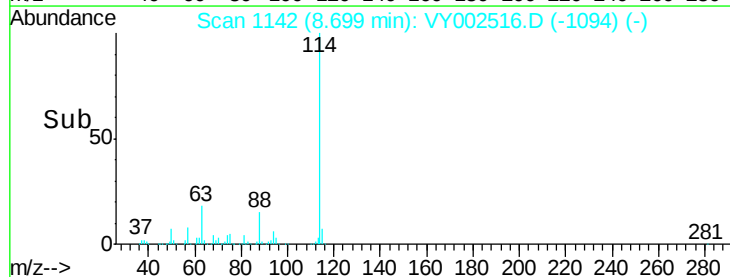
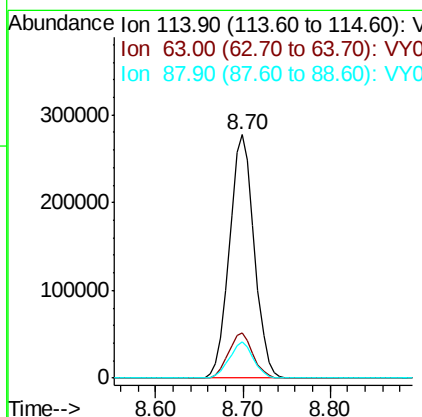
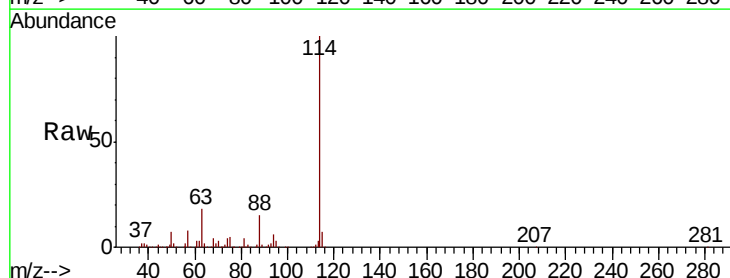
Manual Integrations
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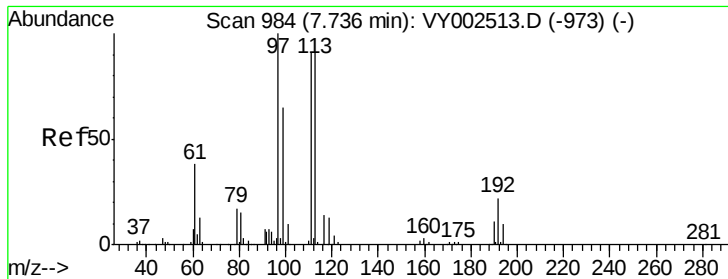
MMDadoda
 5/5/2020 4:31:15 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY002516.D
 Acq: 30 Apr 2020 16:48

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	545344		
63	18.3	0.0	36.4	
88	14.8	0.0	29.6	





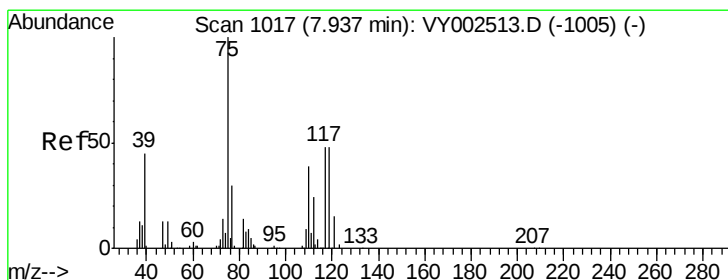
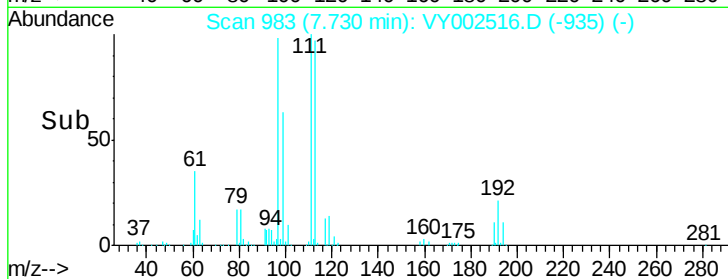
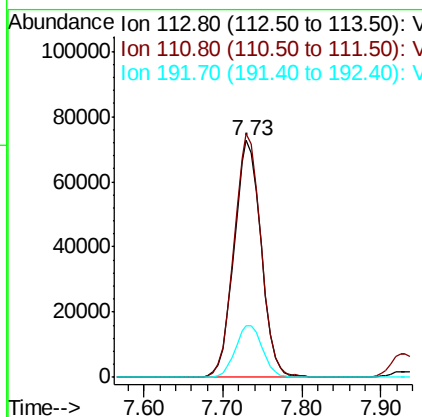
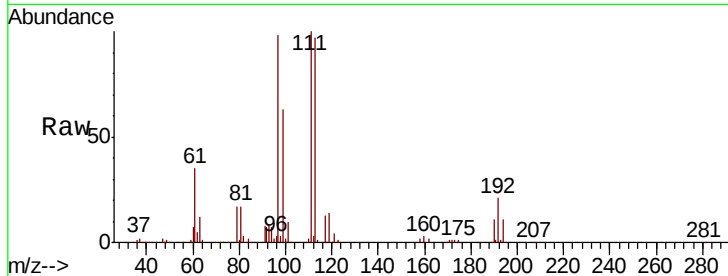
#35
 Dibromofluoromethane
 Concen: 55.325 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.01 min
 Lab File: VY002516.D
 Acq: 30 Apr 2020 16:48

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY043020

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	102.5	81.8	122.6	
192	22.1	18.2	27.4	

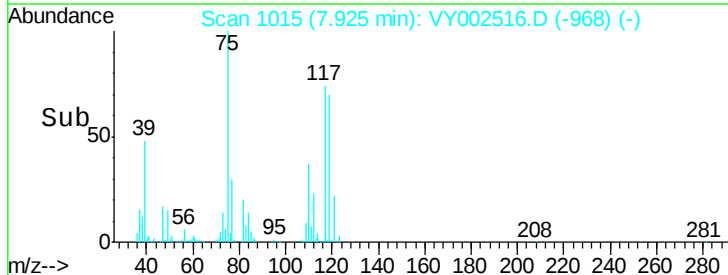
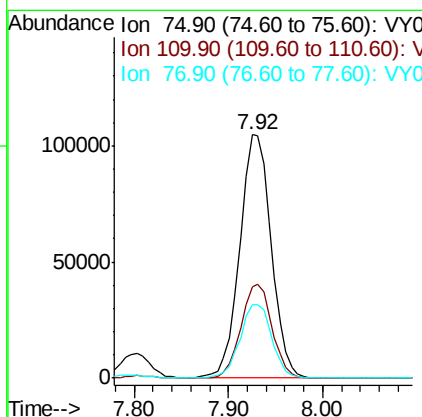
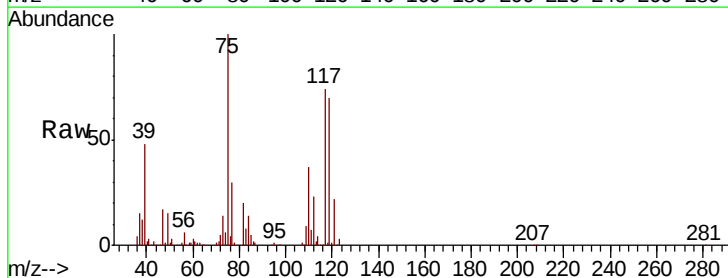
Manual Integrations
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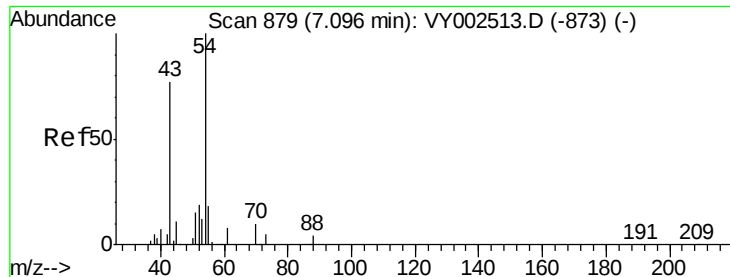
MMDadoda
 5/5/2020 4:31:15 PM



#36
 1,1-Dichloropropene
 Concen: 53.536 ug/l
 RT: 7.92 min Scan# 1015
 Delta R.T. -0.01 min
 Lab File: VY002516.D
 Acq: 30 Apr 2020 16:48

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	38.1	19.1	57.3	
77	30.8	24.6	37.0	





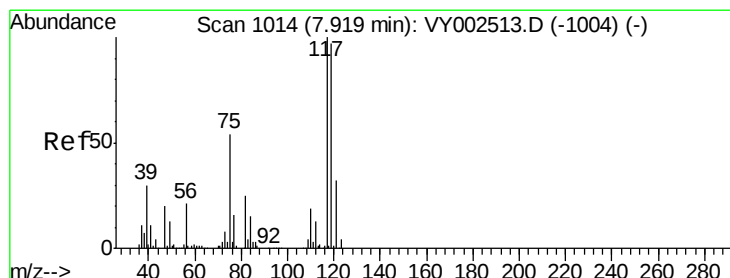
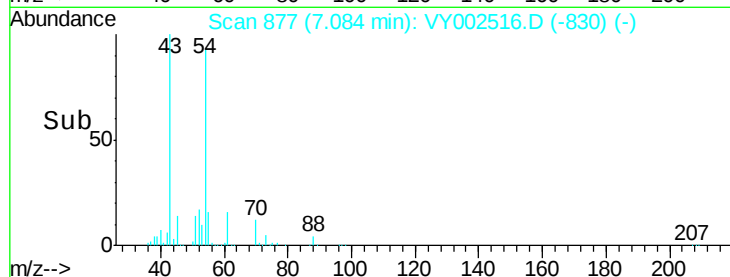
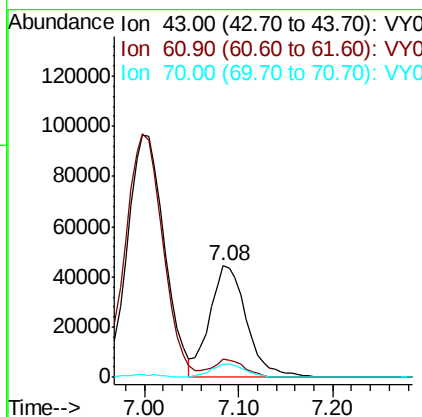
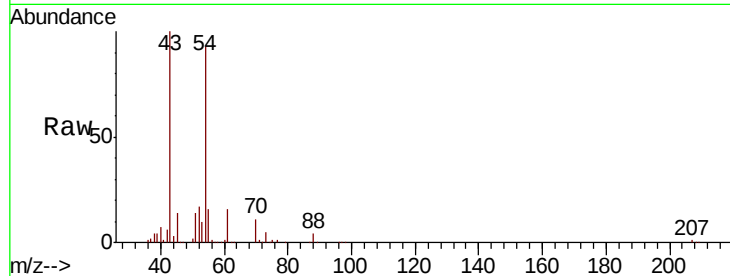
#37
Ethyl Acetate
Concen: 50.953 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.01 min
Lab File: VY002516.D
Acq: 30 Apr 2020 16:48

Instrument :
MSVOA_Y
ClientSampleId :
ICVY043020

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.3	11.6	17.4
70	11.3	9.0	13.6

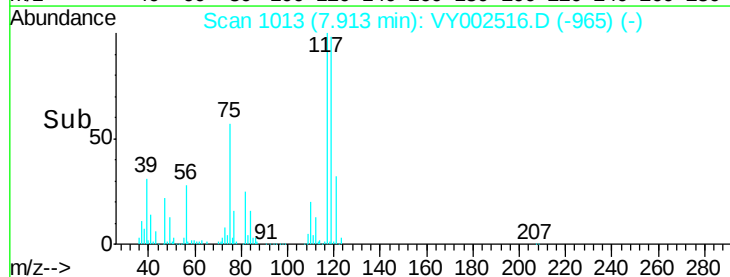
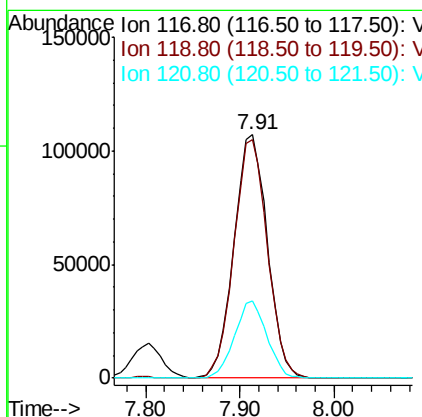
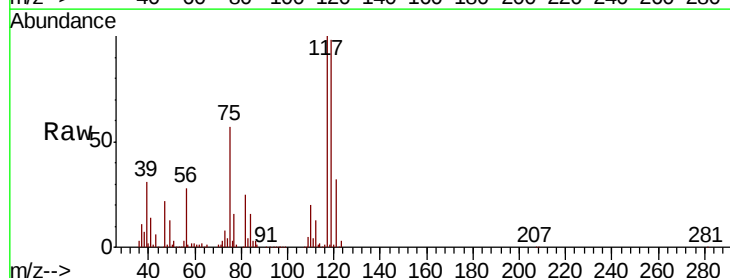
Manual Integrations
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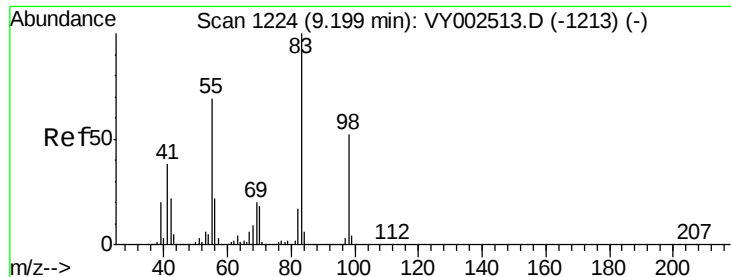
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#38
Carbon Tetrachloride
Concen: 53.036 ug/l
RT: 7.91 min Scan# 1013
Delta R.T. -0.01 min
Lab File: VY002516.D
Acq: 30 Apr 2020 16:48

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.0	77.1	115.7
121	31.5	25.2	37.8





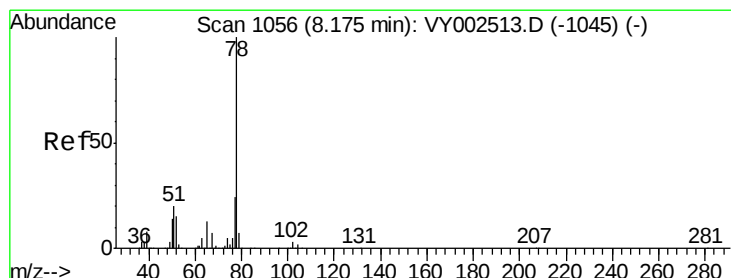
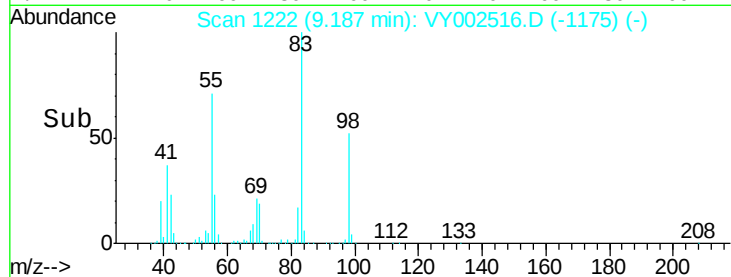
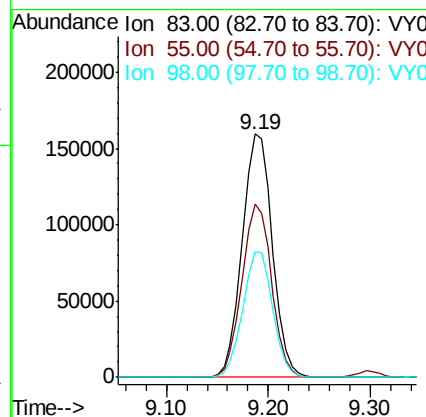
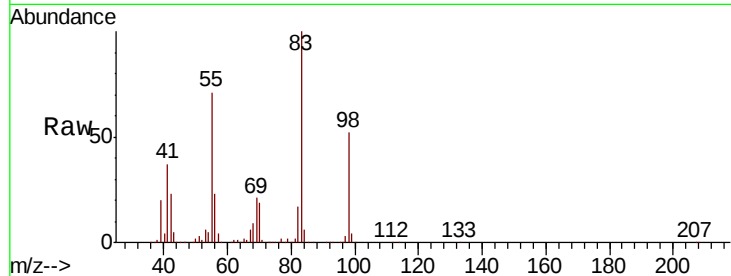
#39
Methvlcvclohexane
Concen: 54.209 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.01 min
Lab File: VY002516.D
Acq: 30 Apr 2020 16:48

Instrument :
MSVOA_Y
ClientSampleId :
ICVY043020

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	71.1		55.4	83.0
98	51.7		41.3	61.9

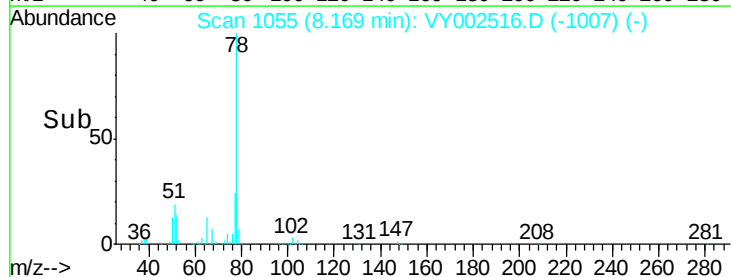
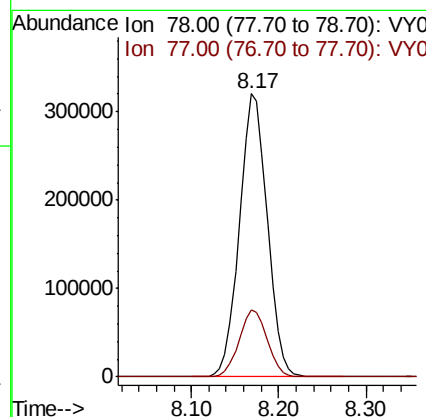
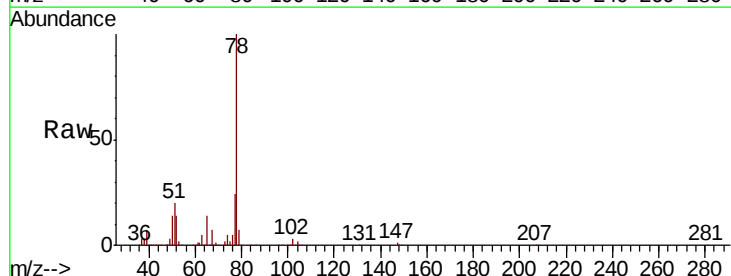
Manual Integrations
APPROVED

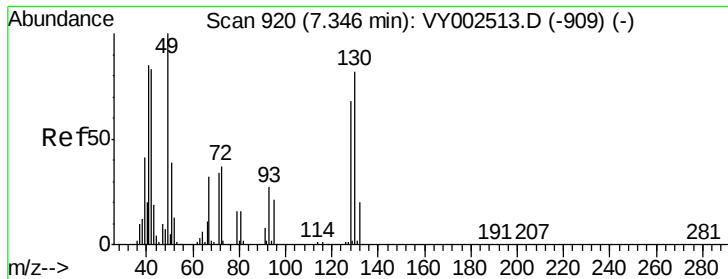
MMDadoda
5/5/2020 4:31:15 PM



#40
Benzene
Concen: 53.602 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.01 min
Lab File: VY002516.D
Acq: 30 Apr 2020 16:48

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	23.8		19.2	28.8





#41

Methacrylonitrile

Concen: 58.853 ug/l m

RT: 7.34 min Scan# 919

Delta R.T. -0.01 min

Lab File: VY002516.D

Acq: 30 Apr 2020 16:48

Instrument :

MSVOA_Y

ClientSampleId :

ICVY043020

Tot Ion: 41 Resp: 74339

Ion Ratio Lower Upper

41 100

39 99.1 83.1 124.7

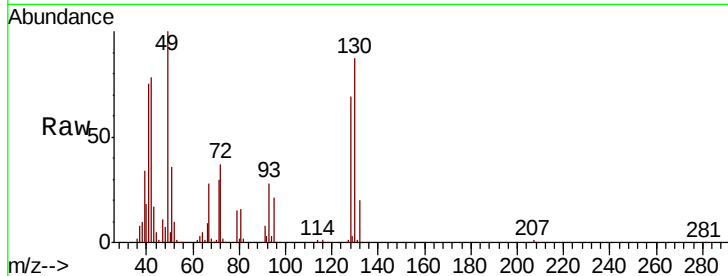
67 0.0 0.0 0.0

52 0.0 0.0 0.0

Manual Integrations
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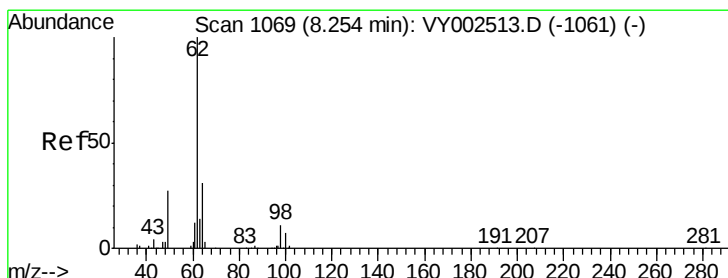
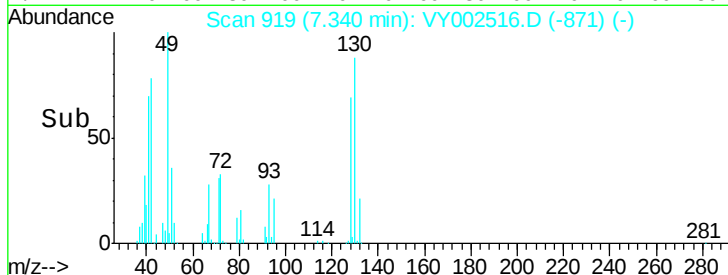
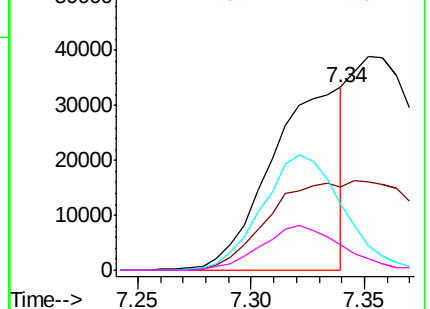


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 67.00 (66.70 to 67.70): VY0

Ion 52.00 (51.70 to 52.70): VY0



#42

1,2-Dichloroethane

Concen: 52.244 ug/l

RT: 8.25 min Scan# 1068

Delta R.T. -0.01 min

Lab File: VY002516.D

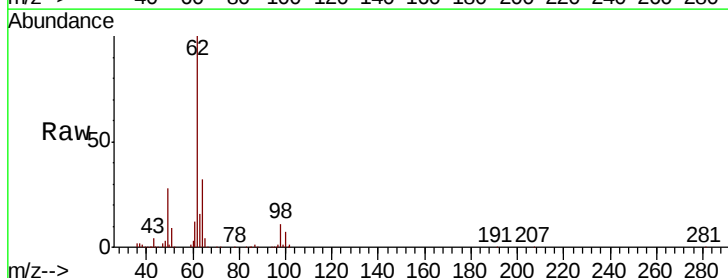
Acq: 30 Apr 2020 16:48

Tgt Ion: 62 Resp: 193497

Ion Ratio Lower Upper

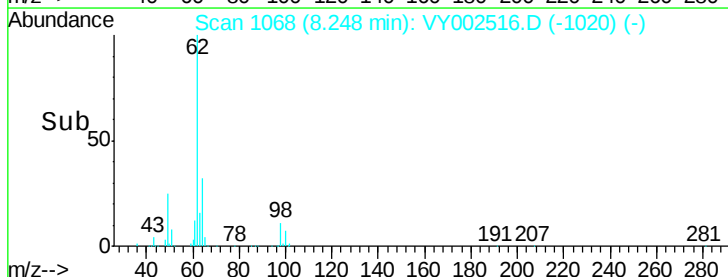
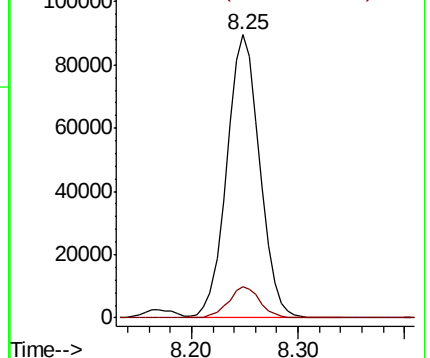
62 100

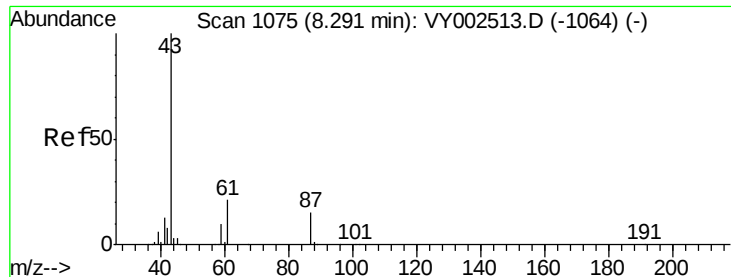
98 10.6 0.0 21.0



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 97.90 (97.60 to 98.60): VY0





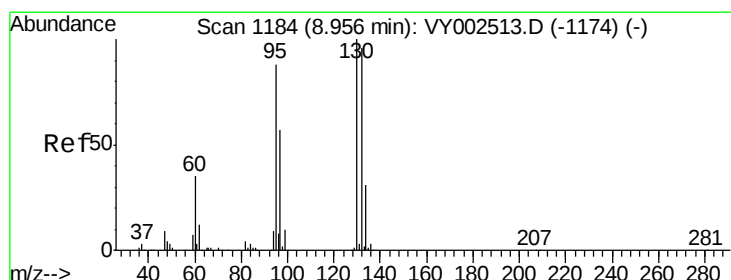
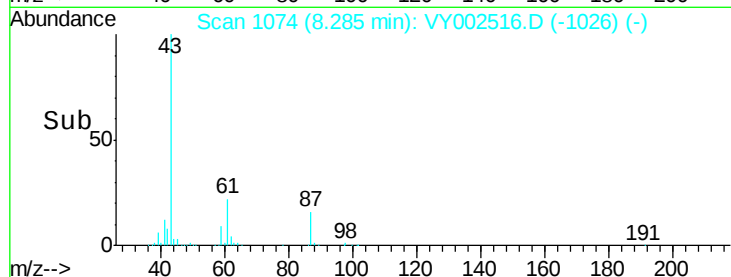
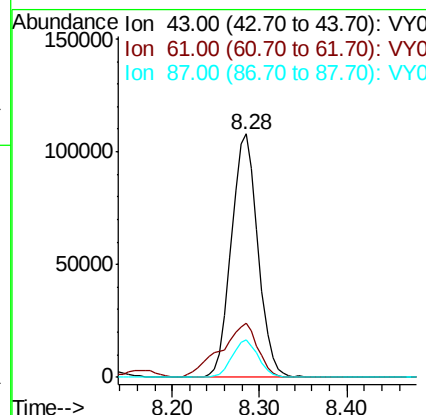
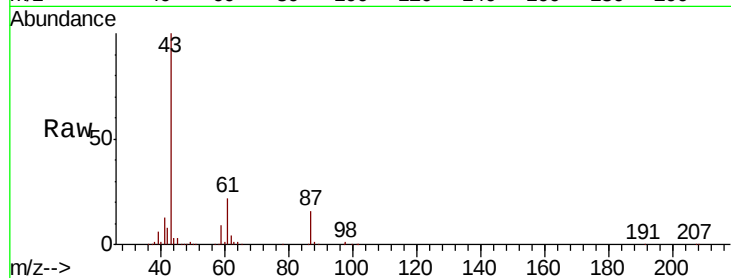
#43
Isopropyl Acetate
Concen: 51.597 ug/l
RT: 8.28 min Scan# 1074
Delta R.T. -0.01 min
Lab File: VY002516.D
Acq: 30 Apr 2020 16:48

Instrument :
MSVOA_Y
ClientSampleId :
ICVY043020

Tot Ion	Ratio	Lower	Upper
43	100		
61	31.1	24.8	37.2
87	15.1	12.2	18.2

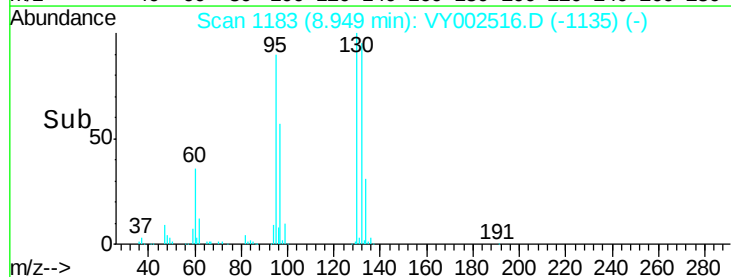
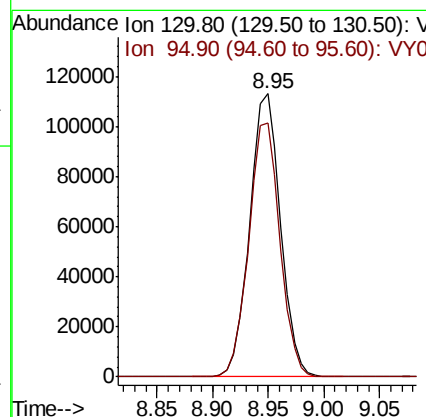
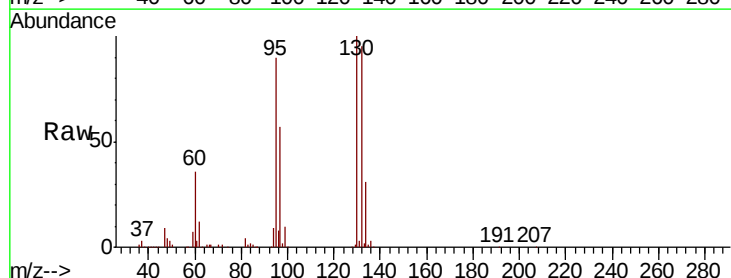
Manual Integrations
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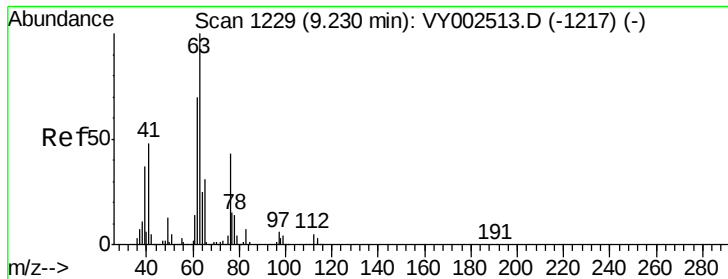
MMDadoda
5/5/2020 4:31:15 PM



#44
Trichloroethene
Concen: 52.949 ug/l
RT: 8.95 min Scan# 1183
Delta R.T. -0.01 min
Lab File: VY002516.D
Acq: 30 Apr 2020 16:48

Tgt Ion	Ratio	Lower	Upper
130	100		
95	89.6	0.0	175.8





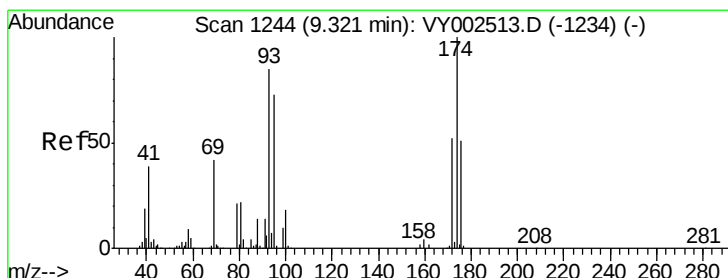
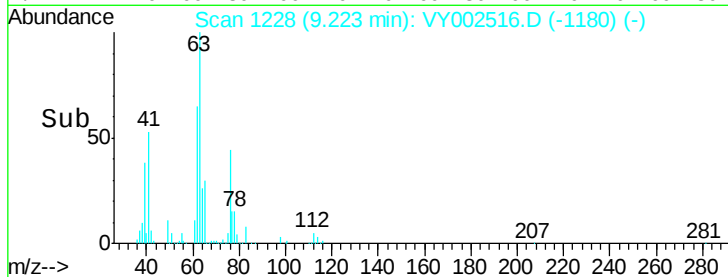
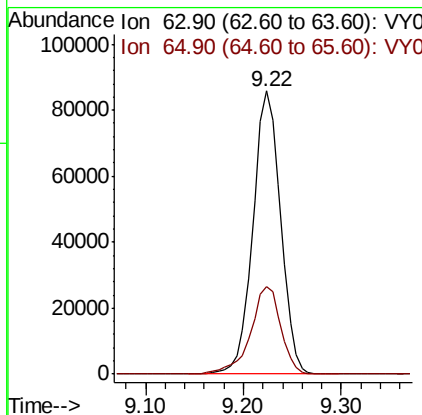
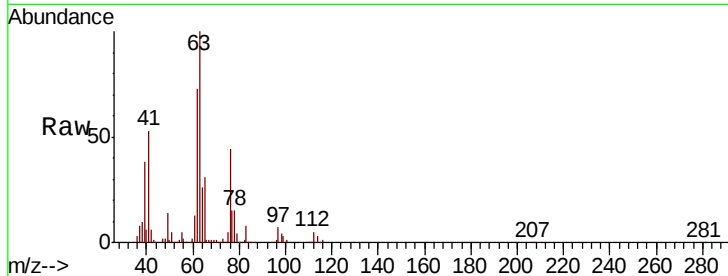
#45
 1,2-Dichloropropane
 Concen: 52.686 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: VY002516.D
 Acq: 30 Apr 2020 16:48

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY043020

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.1	24.5	36.7

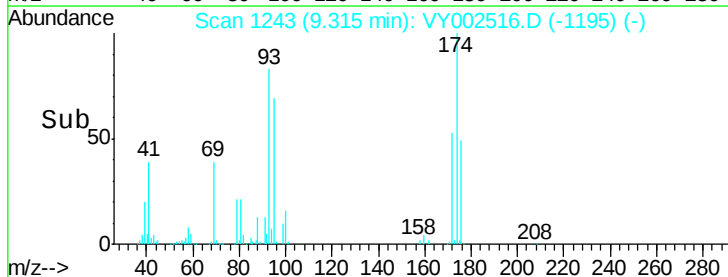
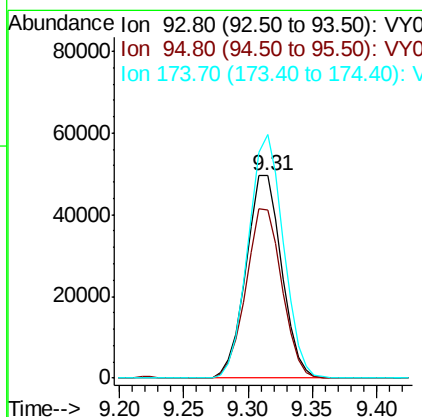
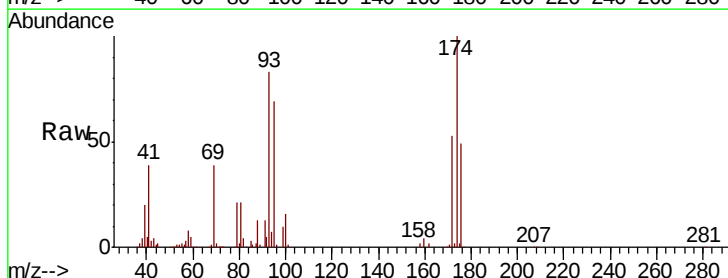
Manual Integrations
 APPROVED

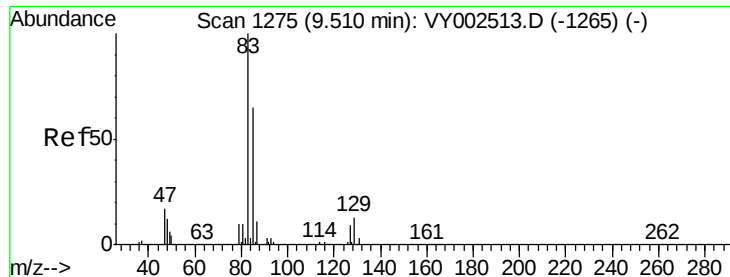
MMDadoda
 5/5/2020 4:31:15 PM



#46
 Dibromomethane
 Concen: 51.744 ug/l
 RT: 9.31 min Scan# 1243
 Delta R.T. -0.01 min
 Lab File: VY002516.D
 Acq: 30 Apr 2020 16:48

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.1	67.0	100.4
174	118.5	92.7	139.1





#47

Bromodichloromethane

Concen: 53.036 ug/l

RT: 9.50 min Scan# 1274

Delta R.T. -0.01 min

Lab File: VY002516.D

Acq: 30 Apr 2020 16:48

Instrument :

MSVOA_Y

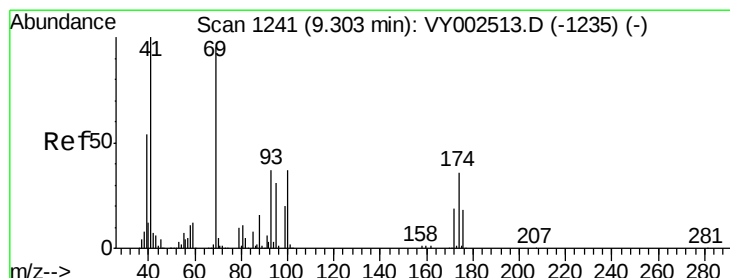
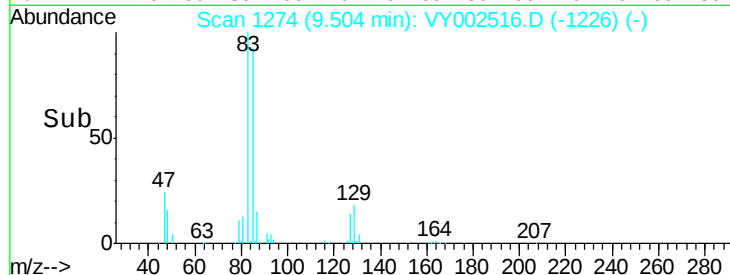
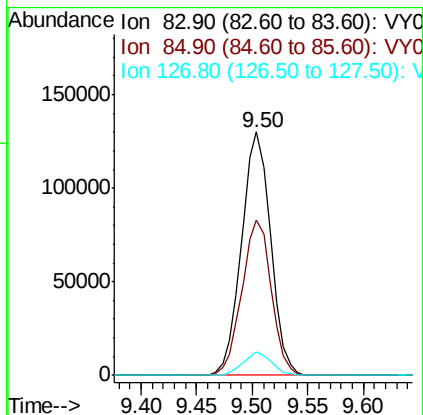
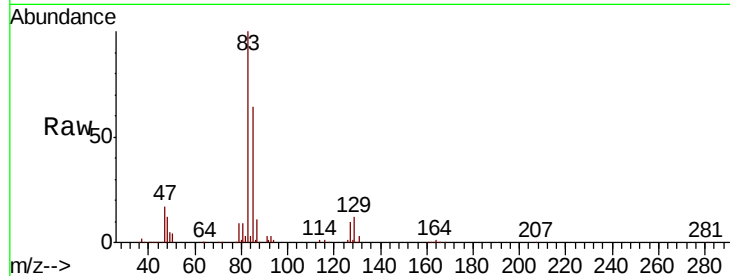
ClientSampleId :

ICVY043020

Tot Ion:	83	Resp:	236448
Ion Ratio	Lower	Upper	
83	100		
85	63.8	51.8	77.8
127	9.8	7.4	11.0

Manual Integrations
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#48

Methyl methacrylate

Concen: 51.777 ug/l

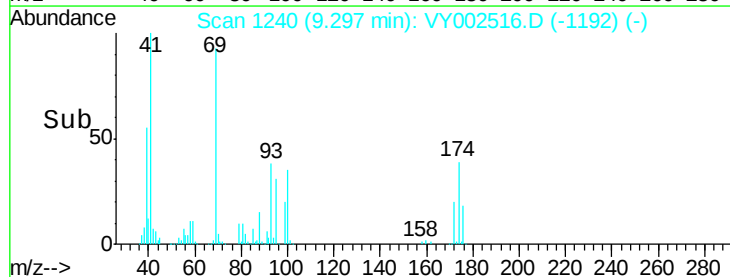
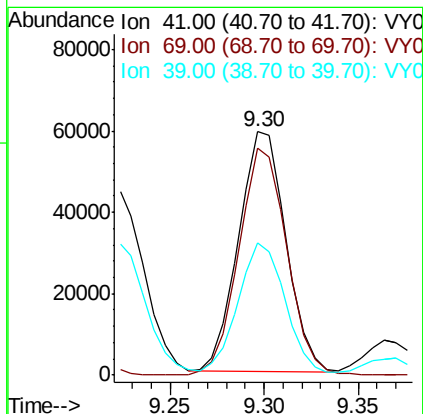
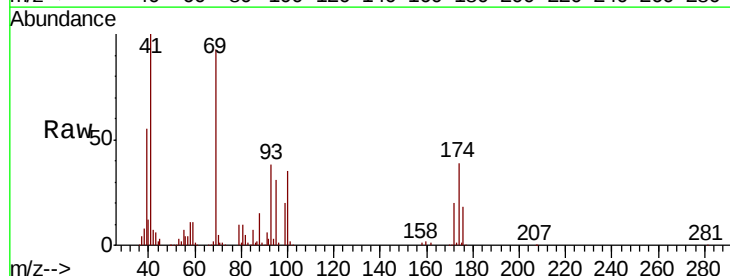
RT: 9.30 min Scan# 1240

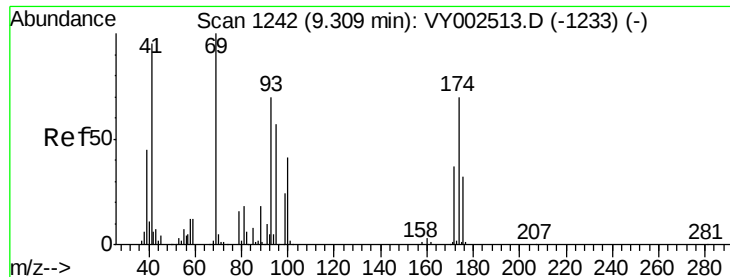
Delta R.T. -0.01 min

Lab File: VY002516.D

Acq: 30 Apr 2020 16:48

Tgt Ion:	41	Resp:	103202
Ion Ratio	Lower	Upper	
41	100		
69	96.0	76.2	114.4
39	52.8	42.7	64.1





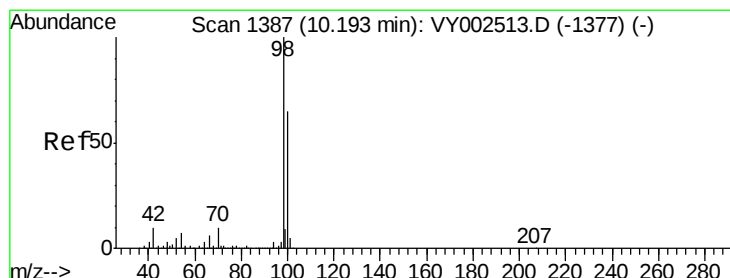
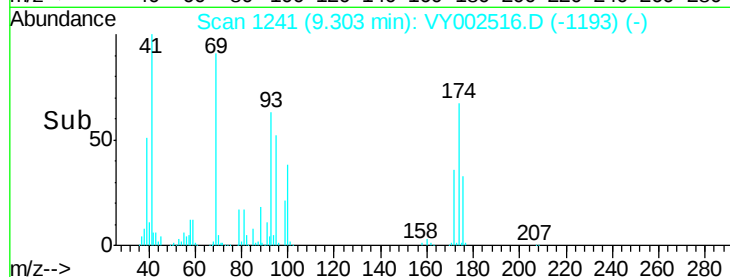
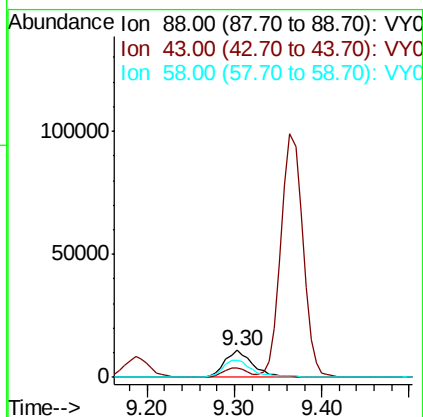
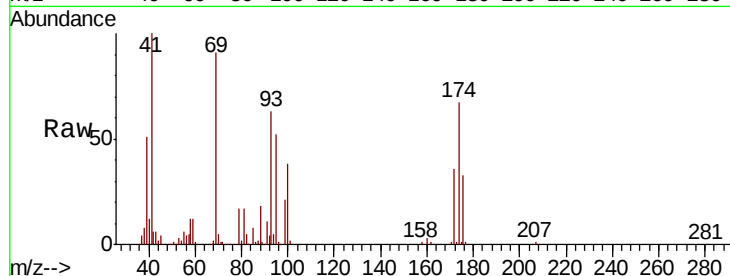
#49
1,4-Dioxane
Concen: 1036.734 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. -0.01 min
Lab File: VY002516.D
Acq: 30 Apr 2020 16:48

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY043020

Tot Ion	Ratio	Lower	Upper
88	100		
43	31.0	22.8	34.2
58	63.5	51.4	77.2

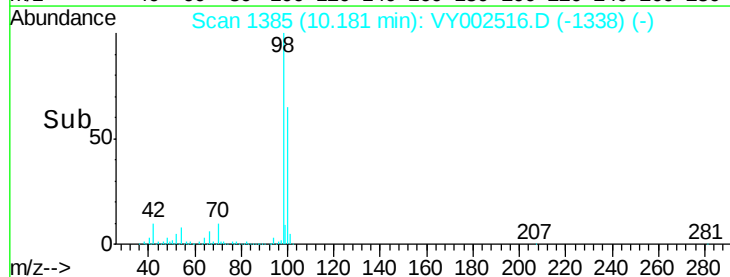
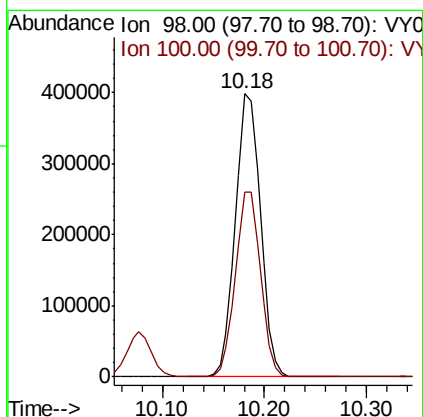
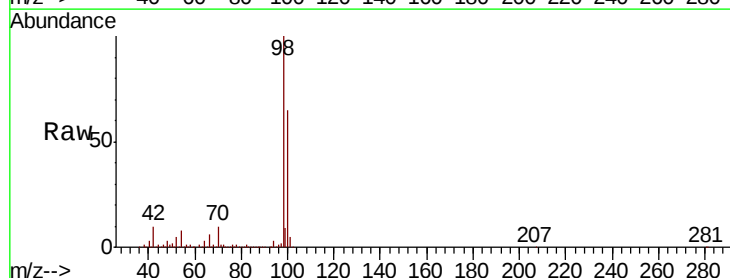
Manual Integrations
APPROVED

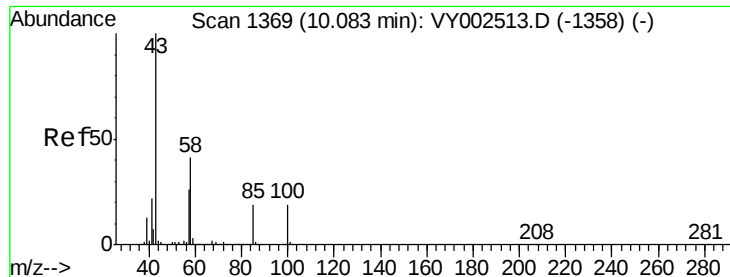
MMDadoda
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#50
Toluene-d8
Concen: 55.763 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.01 min
Lab File: VY002516.D
Acq: 30 Apr 2020 16:48

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.1	52.2	78.2





#51

4-Methyl-2-Pentanone

Concen: 255.713 ug/l

RT: 10.08 min Scan# 1368

Delta R.T. -0.01 min

Lab File: VY002516.D

Acq: 30 Apr 2020 16:48

Instrument :

MSVOA_Y

ClientSampleId :

ICVY043020

Tot Ion: 43 Resp: 580495

Ion Ratio Lower Upper

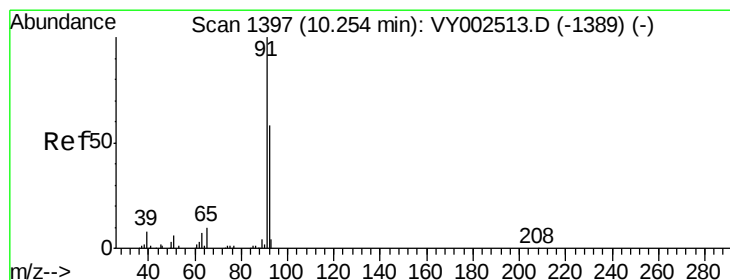
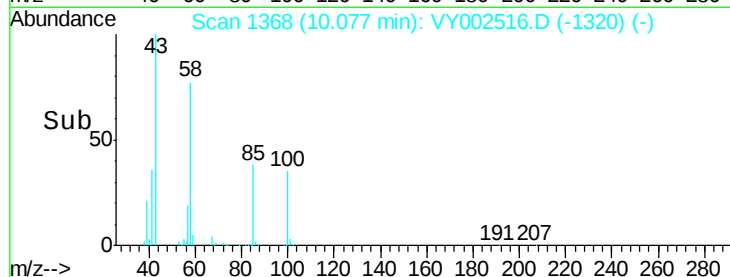
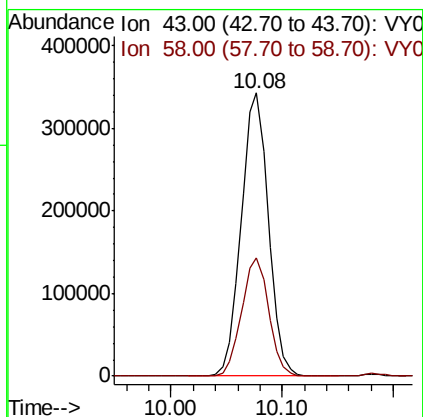
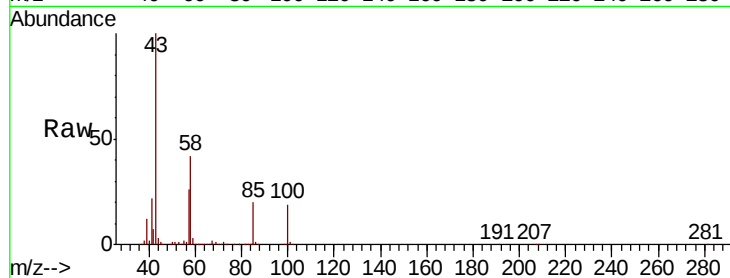
43 100

58 41.7 33.2 49.8

Manual Integrations
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#52

Toluene

Concen: 53.131 ug/l

RT: 10.25 min Scan# 1396

Delta R.T. -0.01 min

Lab File: VY002516.D

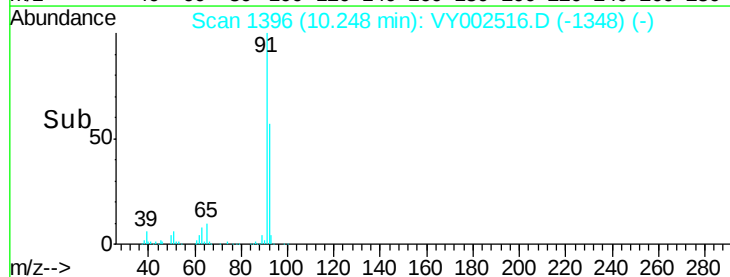
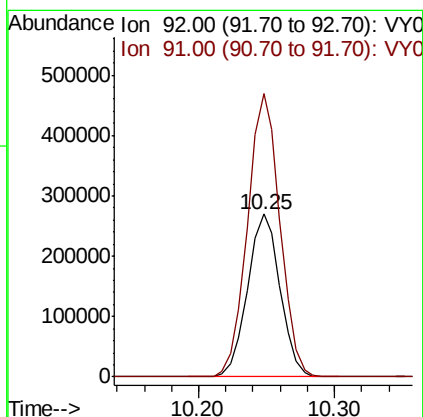
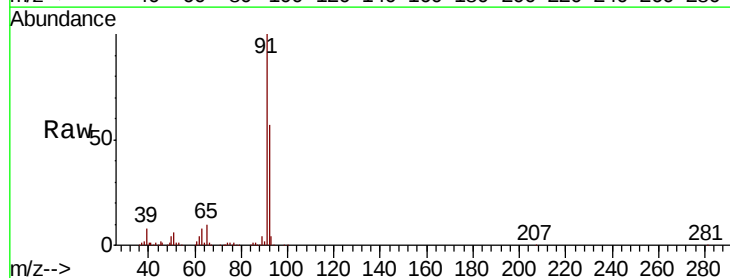
Acq: 30 Apr 2020 16:48

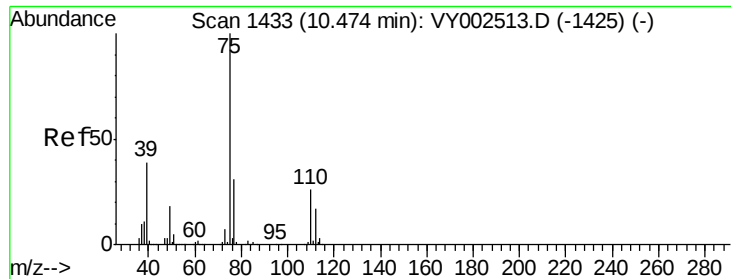
Tgt Ion: 92 Resp: 450861

Ion Ratio Lower Upper

92 100

91 173.7 139.3 208.9





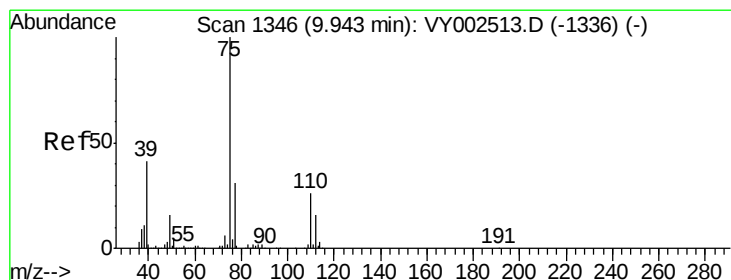
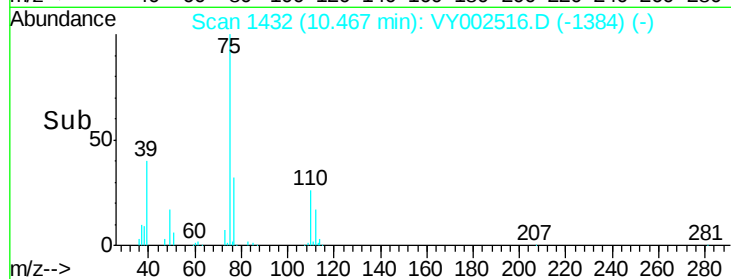
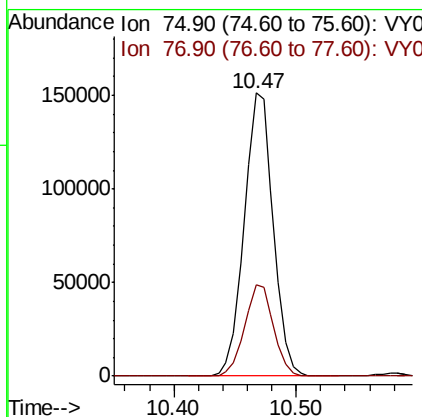
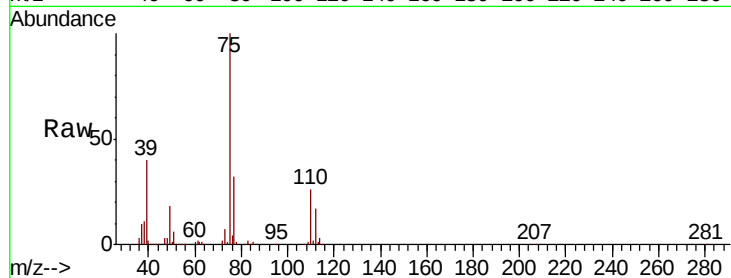
#53
t-1,3-Dichloropropene
Concen: 53.263 ug/l
RT: 10.47 min Scan# 1432
Delta R.T. -0.01 min
Lab File: VY002516.D
Acq: 30 Apr 2020 16:48

Instrument :
MSVOA_Y
ClientSampleId :
ICVY043020

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.4	25.0	37.6

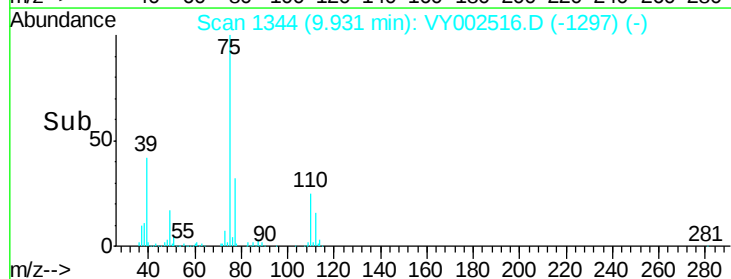
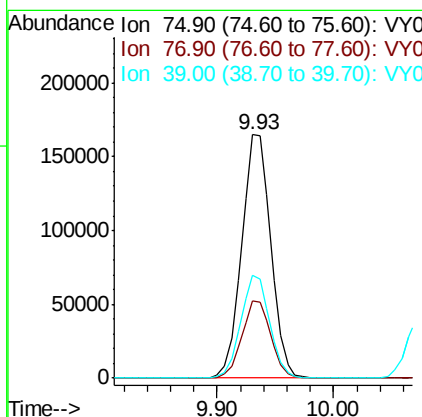
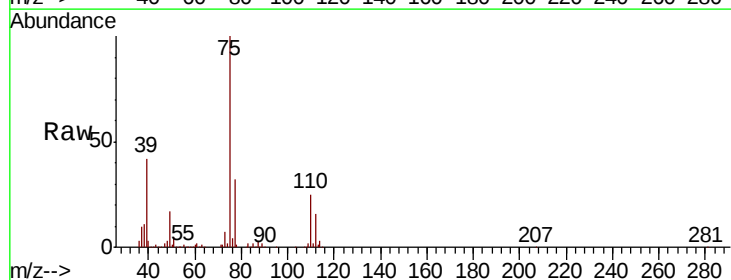
Manual Integrations
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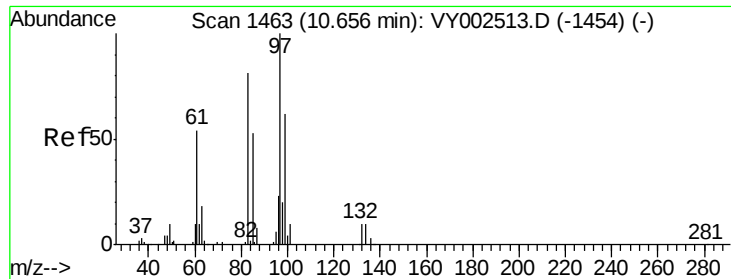
MMDadoda
5/5/2020 4:31:15 PM



#54
cis-1,3-Dichloropropene
Concen: 53.308 ug/l
RT: 9.93 min Scan# 1344
Delta R.T. -0.01 min
Lab File: VY002516.D
Acq: 30 Apr 2020 16:48

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.7	25.1	37.7
39	42.2	32.7	49.1





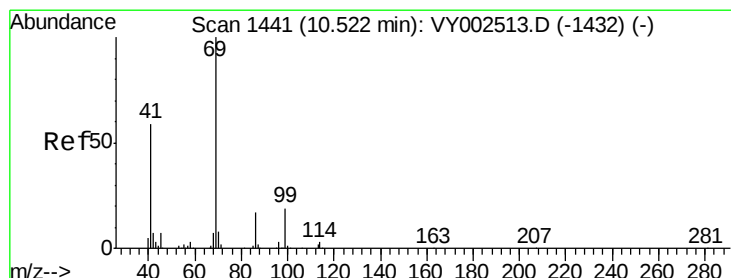
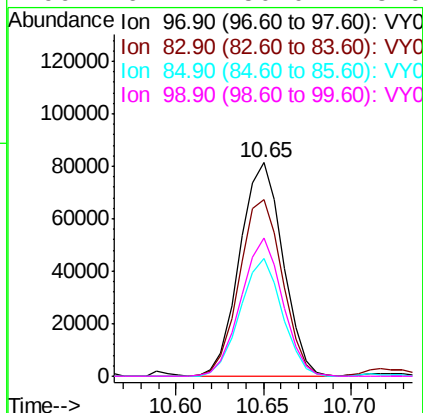
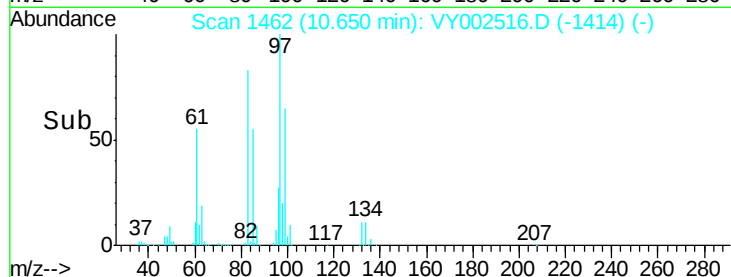
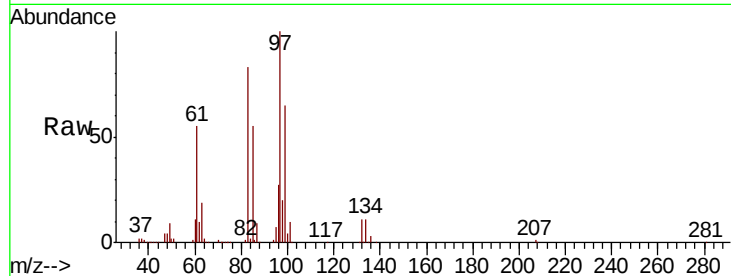
#55
 1,1,2-Trichloroethane
 Concen: 51.984 ug/l
 RT: 10.65 min Scan# 1462
 Delta R.T. -0.01 min
 Lab File: VY002516.D
 Acq: 30 Apr 2020 16:48

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY043020

Tot Ion:	97	Resp:	138993
Ion	Ratio	Lower	Upper
97	100		
83	83.0	65.1	97.7
85	54.9	42.7	64.1
99	64.7	50.0	75.0

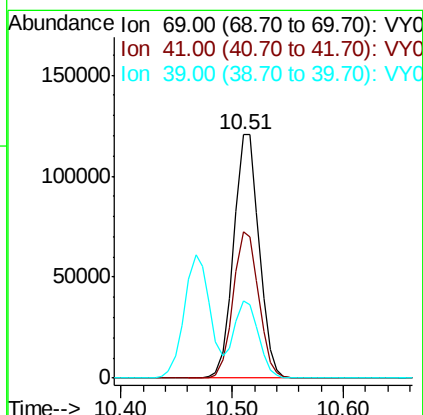
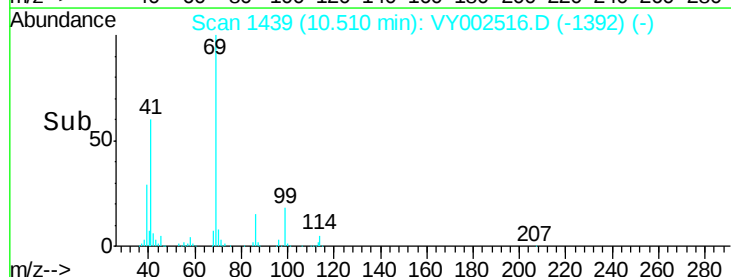
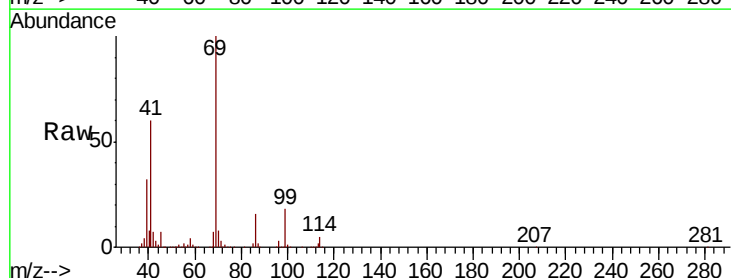
Manual Integrations
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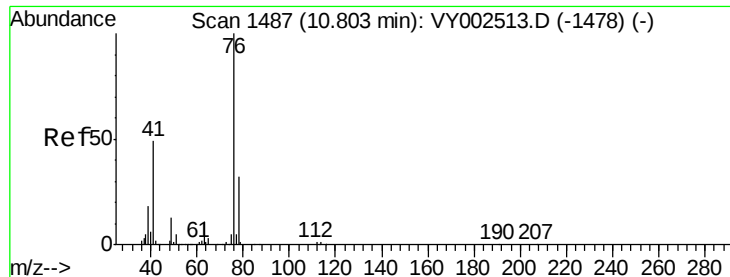
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#56
 Ethyl methacrylate
 Concen: 53.720 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: VY002516.D
 Acq: 30 Apr 2020 16:48

Tgt Ion:	69	Resp:	191080
Ion	Ratio	Lower	Upper
69	100		
41	60.0	48.6	73.0
39	30.9	25.0	37.4





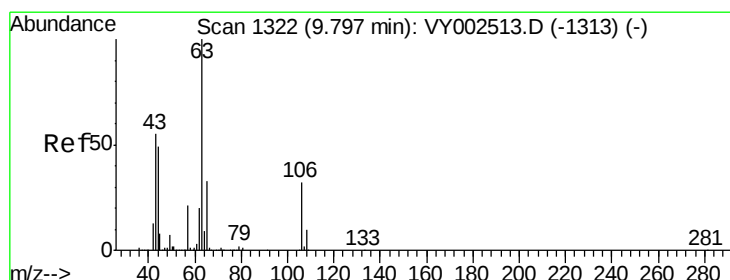
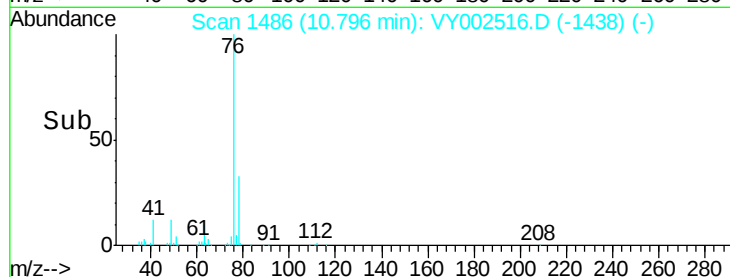
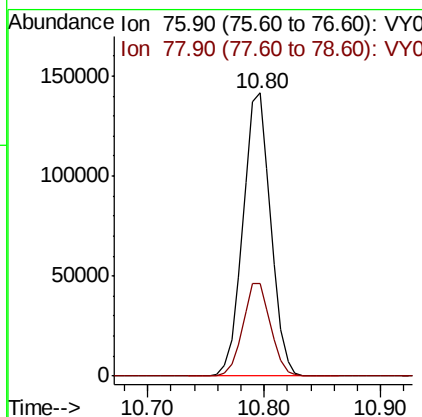
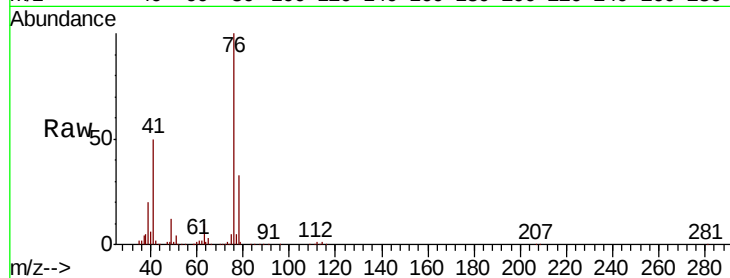
#57
 1,3-Dichloropropane
 Concen: 51.824 ug/l
 RT: 10.80 min Scan# 1486
 Delta R.T. -0.01 min
 Lab File: VY002516.D
 Acq: 30 Apr 2020 16:48

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY043020

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.8	25.4	38.2

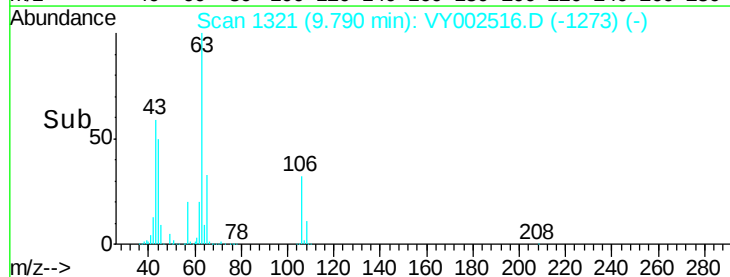
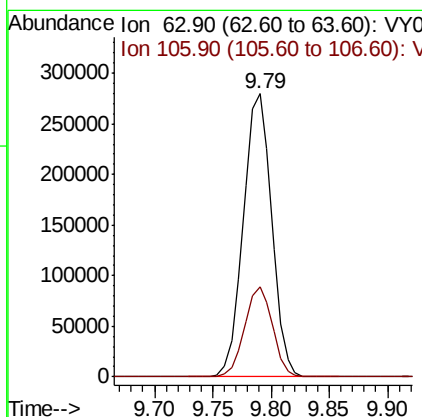
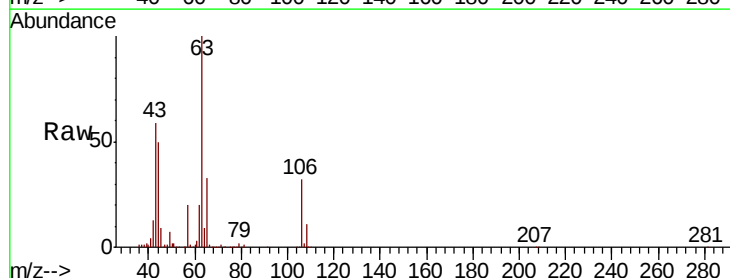
Manual Integrations
 APPROVED

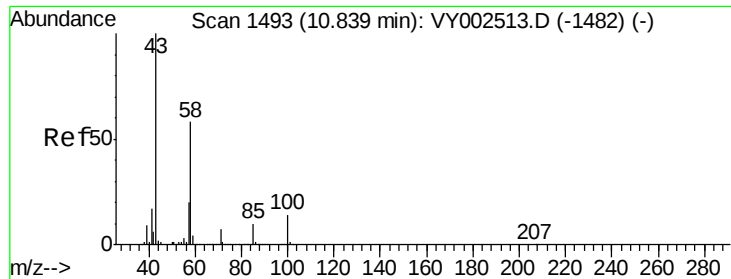
MMDadoda
 5/5/2020 4:31:15 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 254.524 ug/l
 RT: 9.79 min Scan# 1321
 Delta R.T. -0.01 min
 Lab File: VY002516.D
 Acq: 30 Apr 2020 16:48

Tgt Ion	Ratio	Lower	Upper
63	100		
106	31.4	25.2	37.8





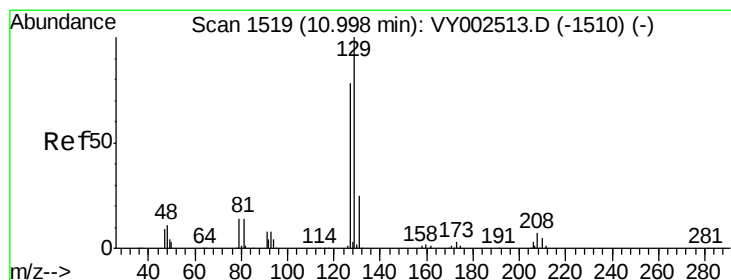
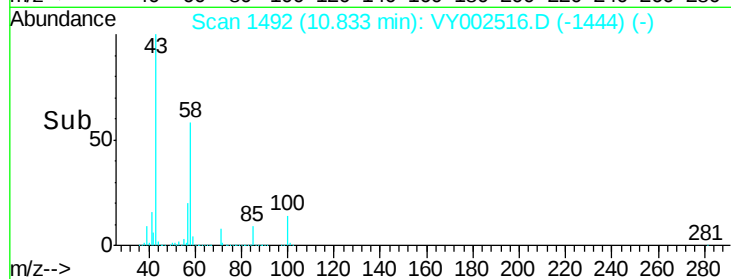
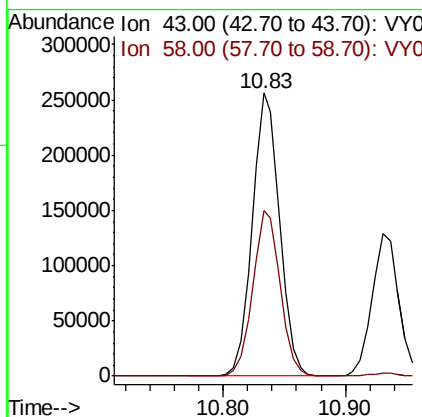
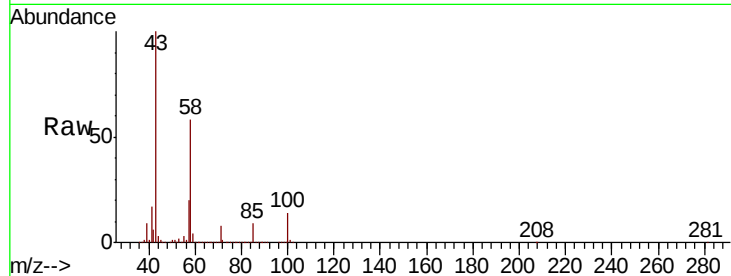
#59
2-Hexanone
Concen: 255.926 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.01 min
Lab File: VY002516.D
Acq: 30 Apr 2020 16:48

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY043020

Tot Ion	43.00	Resp	399869
Ion Ratio	43	100	
Lower	58	58.4	29.1
Upper			87.3

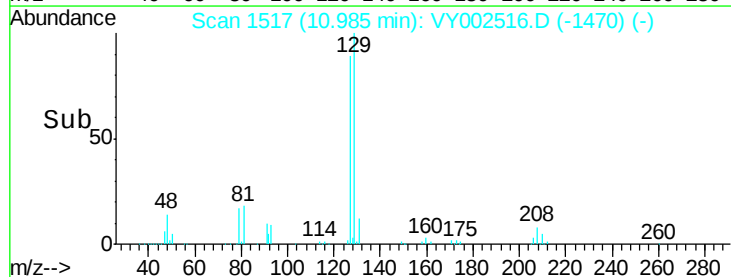
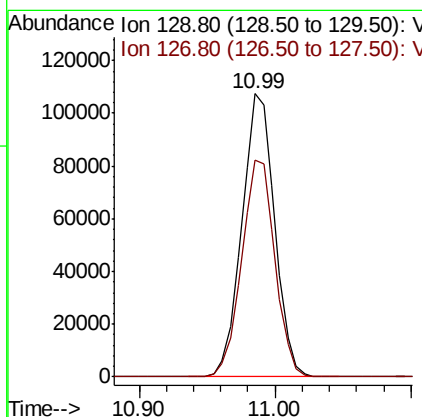
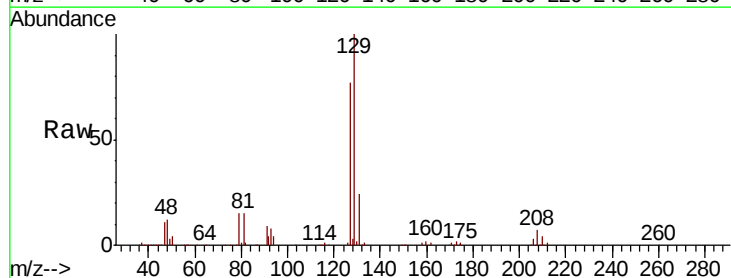
Manual Integrations
APPROVED

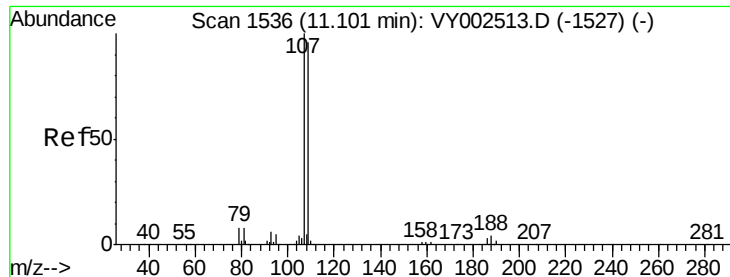
MMDadoda
5/5/2020 4:31:15 PM



#60
Dibromochloromethane
Concen: 53.055 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.01 min
Lab File: VY002516.D
Acq: 30 Apr 2020 16:48

Tgt Ion	129	Resp	180422
Ion Ratio	129	100	
Lower	127	77.8	39.0
Upper			117.0





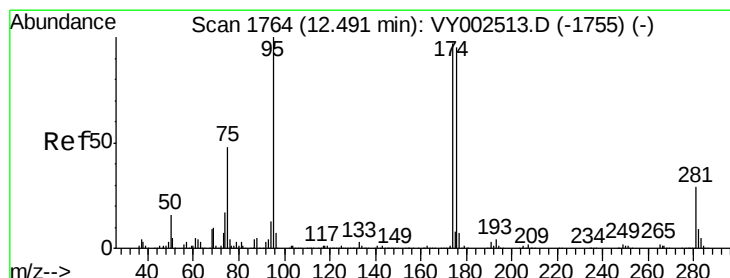
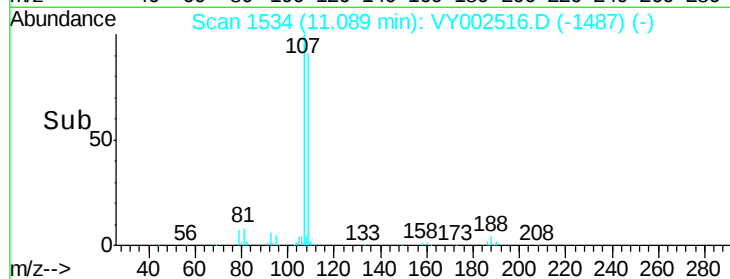
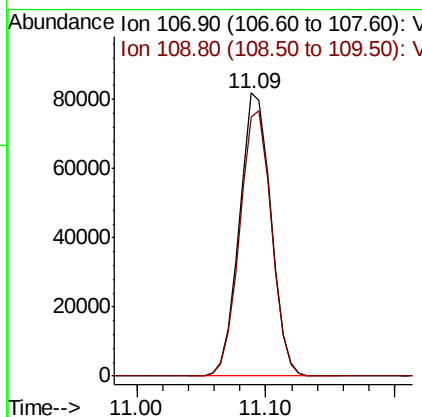
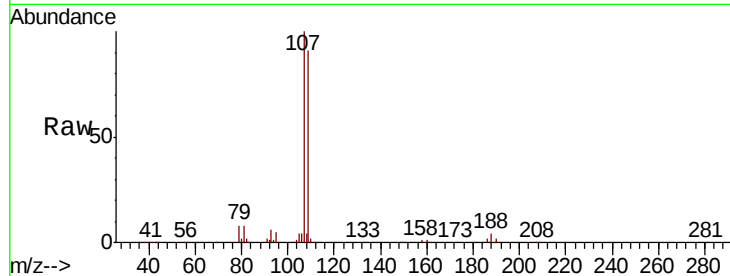
#61
 1,2-Dibromoethane
 Concen: 52.153 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.01 min
 Lab File: VY002516.D
 Acq: 30 Apr 2020 16:48

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY043020

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.8	75.8	113.8

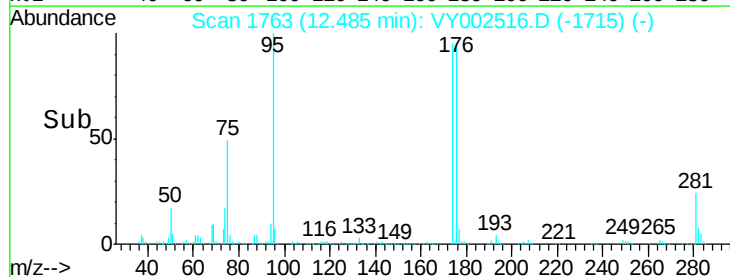
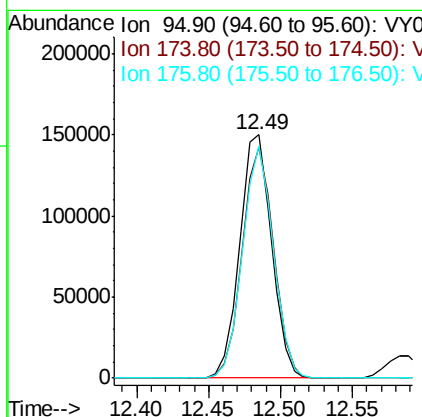
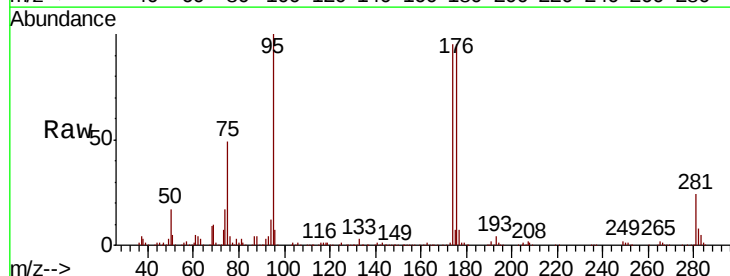
Manual Integrations
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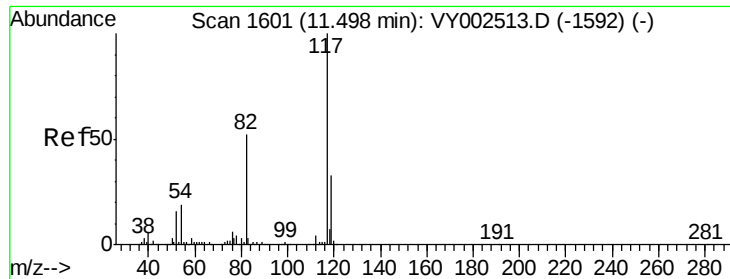
MMDadoda
 5/5/2020 4:31:15 PM



#62
 4-Bromofluorobenzene
 Concen: 55.740 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. -0.01 min
 Lab File: VY002516.D
 Acq: 30 Apr 2020 16:48

Tgt Ion	Ratio	Lower	Upper
95	100		
174	93.3	0.0	188.8
176	91.7	0.0	183.2





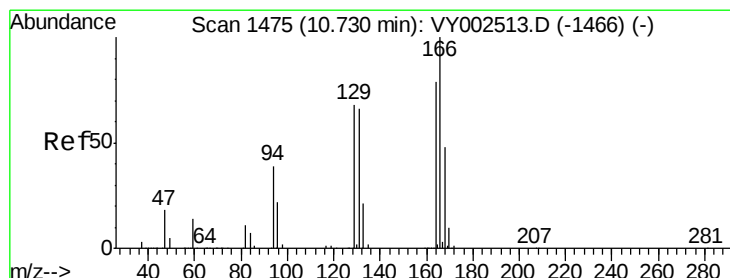
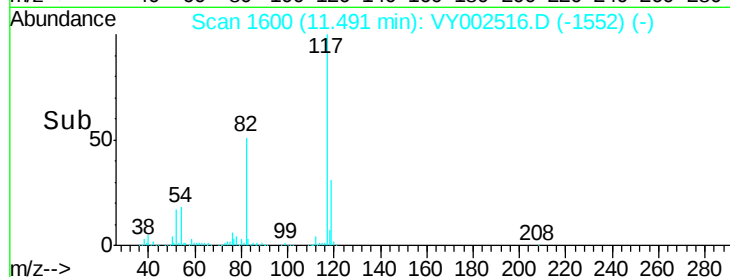
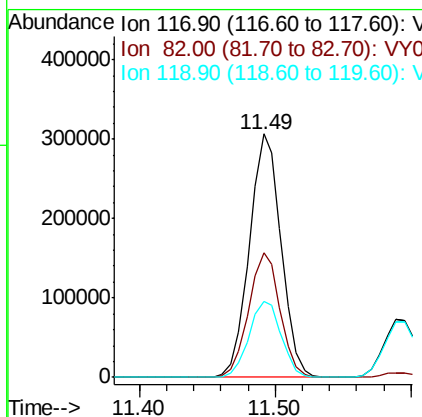
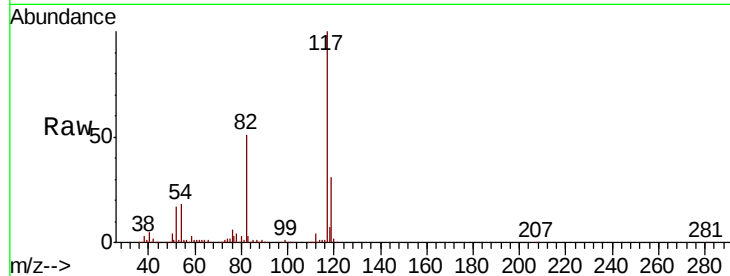
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY002516.D
Acq: 30 Apr 2020 16:48

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY043020

Tot Ion	Ratio	Resp	Lower	Upper
117	100	499078		
82	51.2		41.3	61.9
119	31.4		26.0	39.0

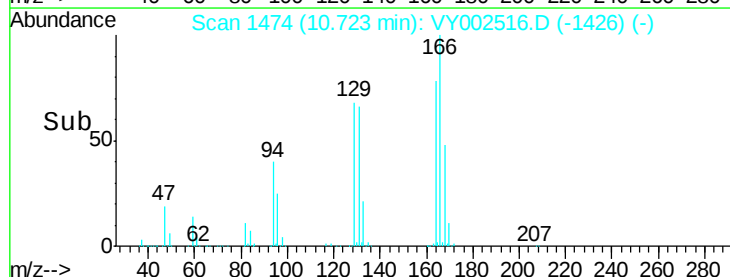
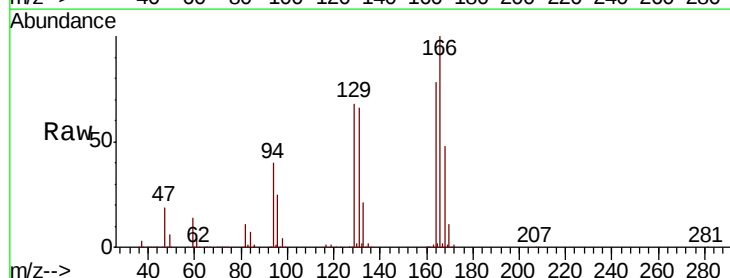
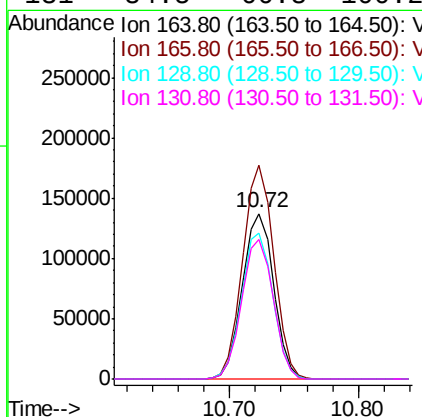
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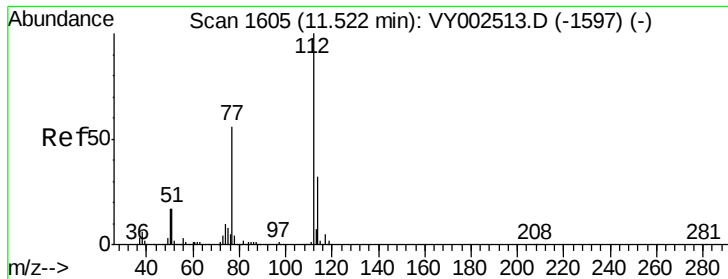
MMDadoda
5/5/2020 4:31:15 PM



#64
Tetrachloroethene
Concen: 51.960 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. -0.01 min
Lab File: VY002516.D
Acq: 30 Apr 2020 16:48

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	230405		
166	129.0		100.7	151.1
129	88.3		68.3	102.5
131	84.5		66.8	100.2





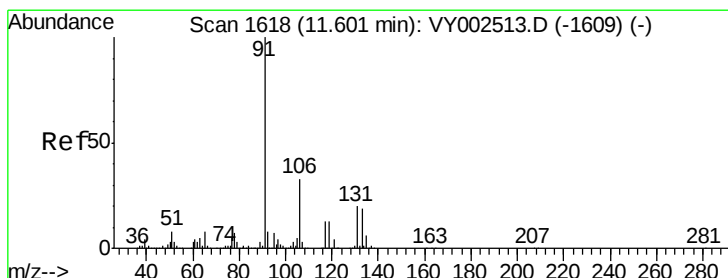
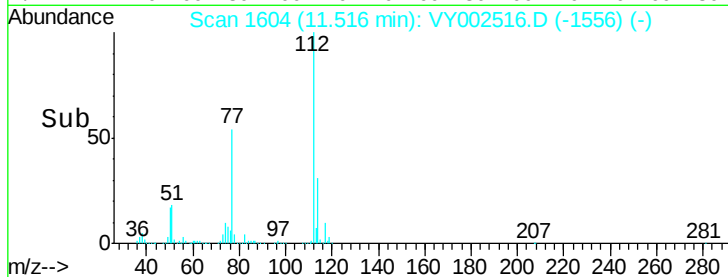
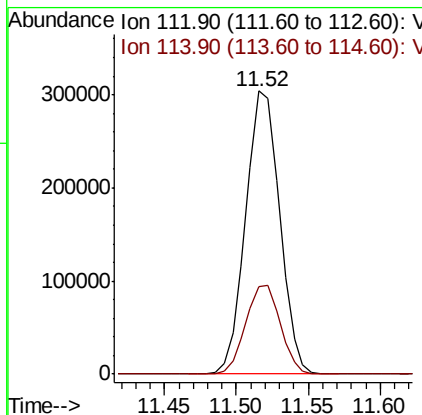
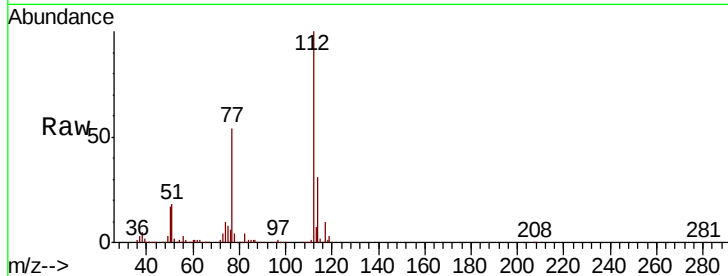
#65
Chlorobenzene
Concen: 52.361 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.01 min
Lab File: VY002516.D
Acq: 30 Apr 2020 16:48

Instrument :
MSVOA_Y
ClientSampleId :
ICVY043020

Tot Ion	Ratio	Lower	Upper
112	100		
114	30.9	25.8	38.6

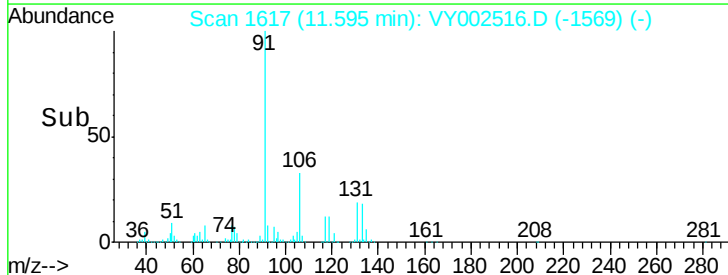
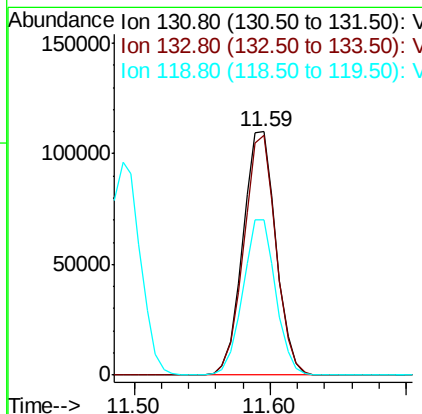
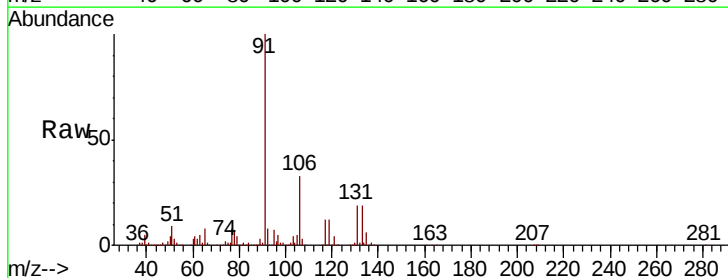
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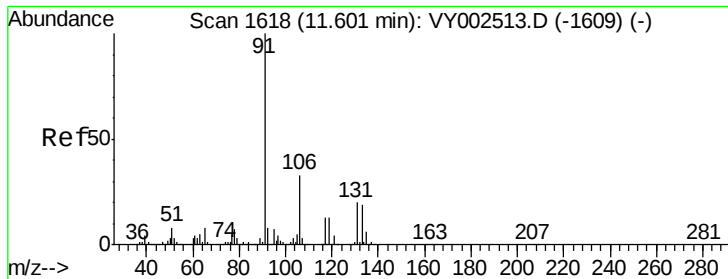
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 53.066 ug/l
RT: 11.59 min Scan# 1617
Delta R.T. -0.01 min
Lab File: VY002516.D
Acq: 30 Apr 2020 16:48

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.7	48.1	144.4
119	62.8	31.6	95.0





#67

Ethyl Benzene

Concen: 52.999 ug/l

RT: 11.59 min Scan# 1617

Delta R.T. -0.01 min

Lab File: VY002516.D

Acq: 30 Apr 2020 16:48

Instrument :

MSVOA_Y

ClientSampleId :

ICVY043020

Tot Ion: 91 Resp: 883254

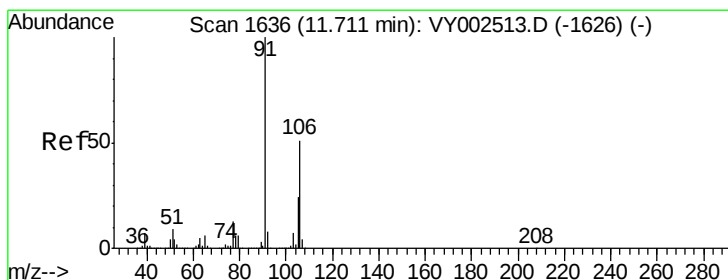
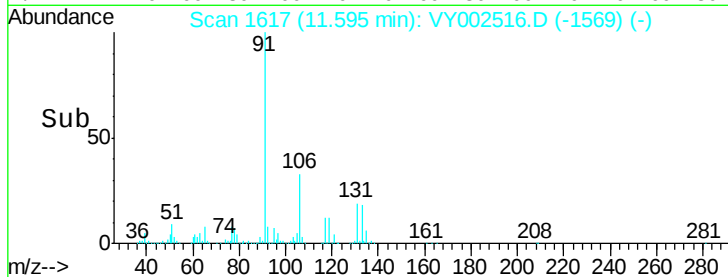
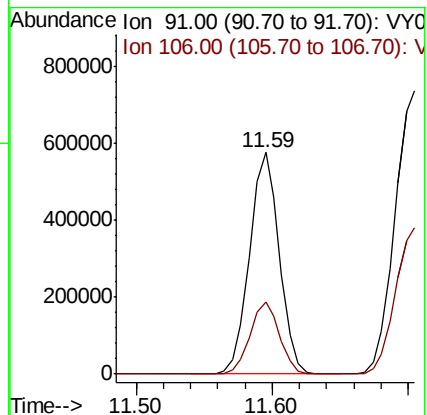
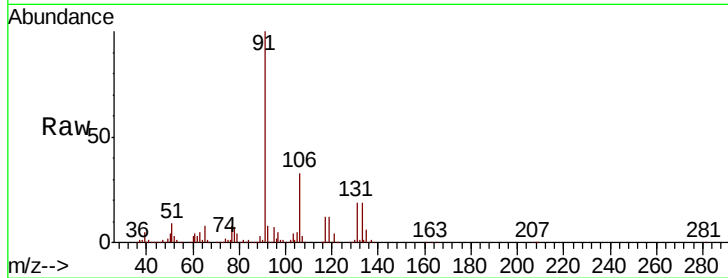
Ion Ratio Lower Upper

91 100

106 32.7 26.1 39.1

Manual Integrations
APPROVED

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#68

m/p-Xylenes

Concen: 106.150 ug/l

RT: 11.70 min Scan# 1635

Delta R.T. -0.01 min

Lab File: VY002516.D

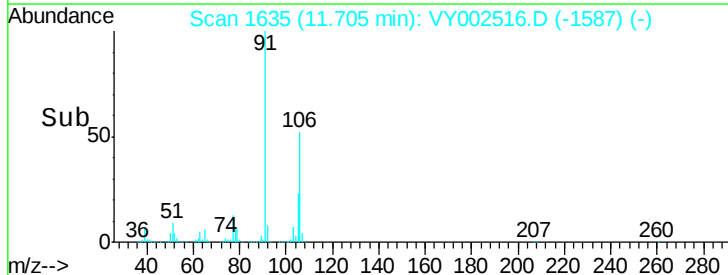
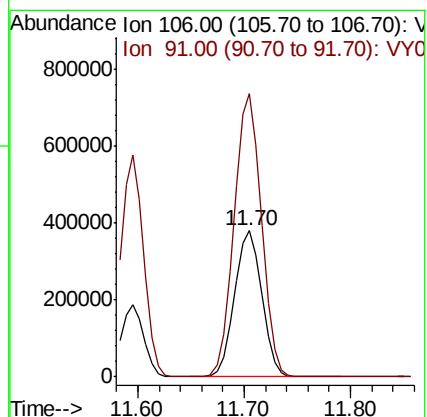
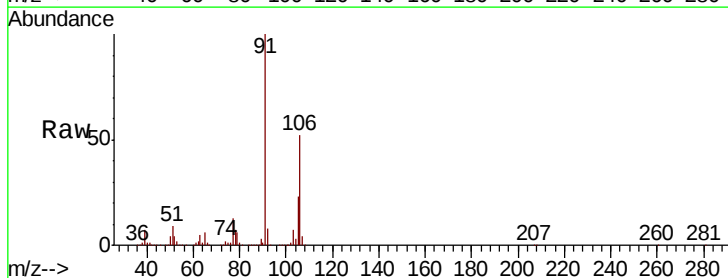
Acq: 30 Apr 2020 16:48

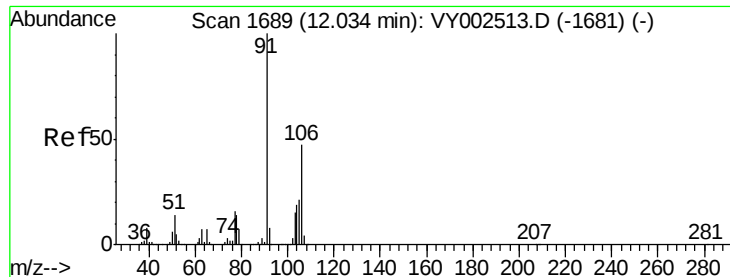
Tgt Ion: 106 Resp: 684480

Ion Ratio Lower Upper

106 100

91 193.9 155.2 232.8





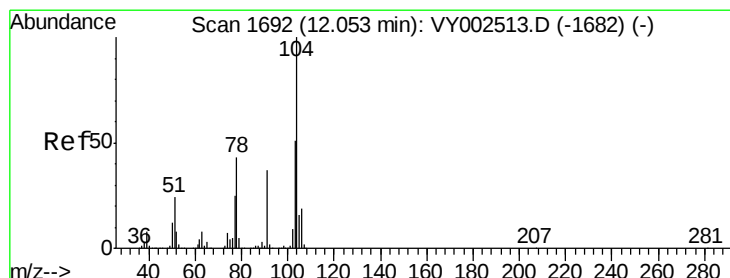
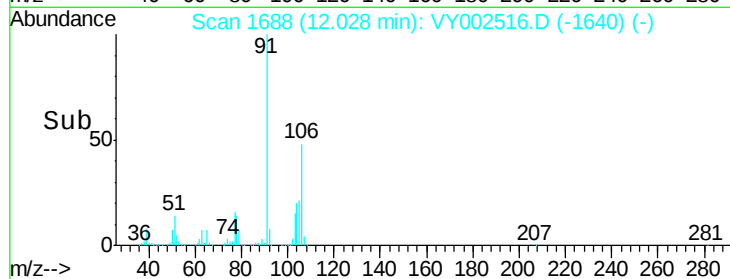
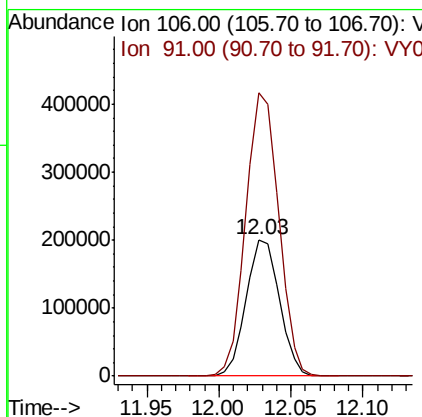
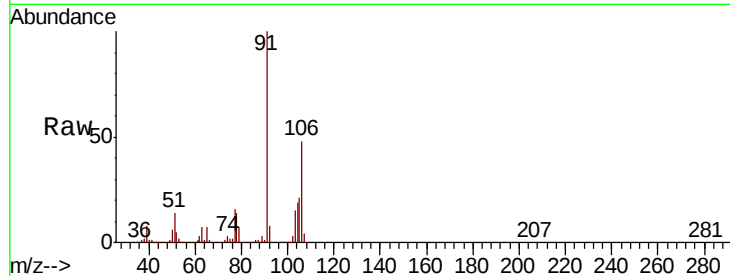
#69
o-Xylene
Concen: 53.116 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.01 min
Lab File: VY002516.D
Acq: 30 Apr 2020 16:48

Instrument :
MSVOA_Y
ClientSampleId :
ICVY043020

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	106	100	320695		
91	206.0	103.8	311.3		

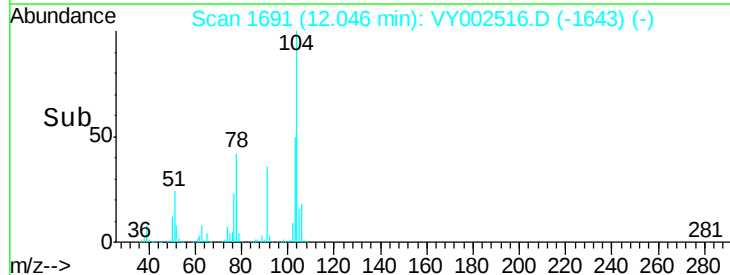
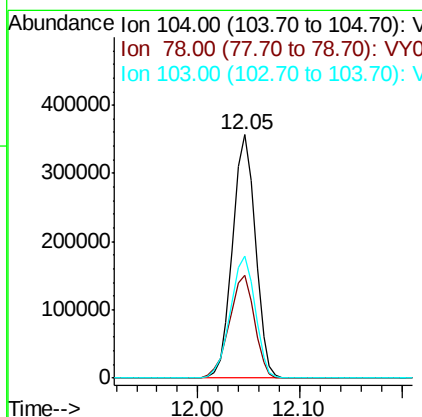
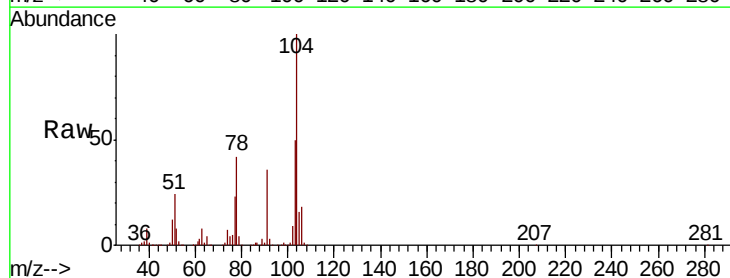
Manual Integrations
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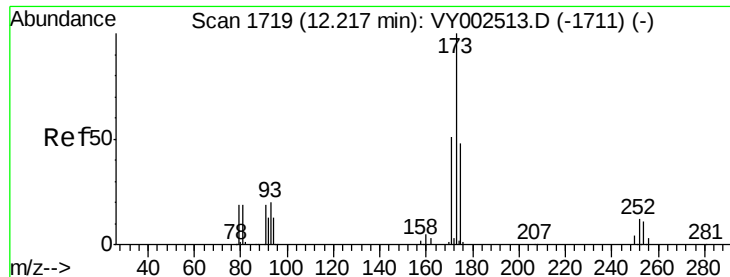
MMDadoda
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#70
Styrene
Concen: 53.316 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. -0.01 min
Lab File: VY002516.D
Acq: 30 Apr 2020 16:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	104	100	550301		
78	46.4	37.4	56.0		
103	54.5	43.9	65.9		





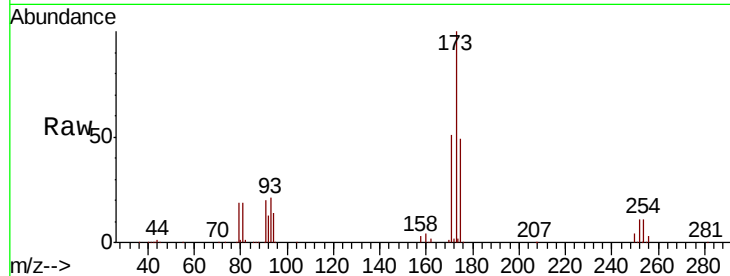
#71
Bromoform
Concen: 52.529 ug/l
RT: 12.21 min Scan# 1718
Delta R.T. -0.01 min
Lab File: VY002516.D
Acq: 30 Apr 2020 16:48

Instrument :
MSVOA_Y
ClientSampleId :
ICVY043020

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.1	24.3	72.8
254	0.2	0.2	0.2

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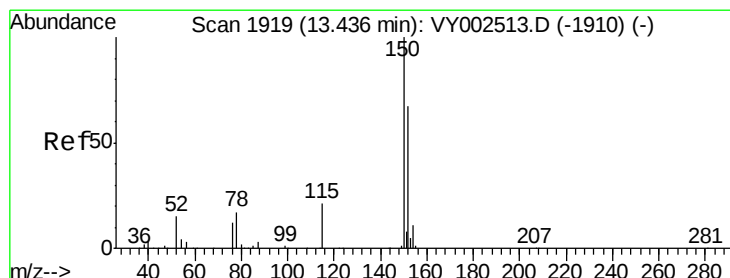
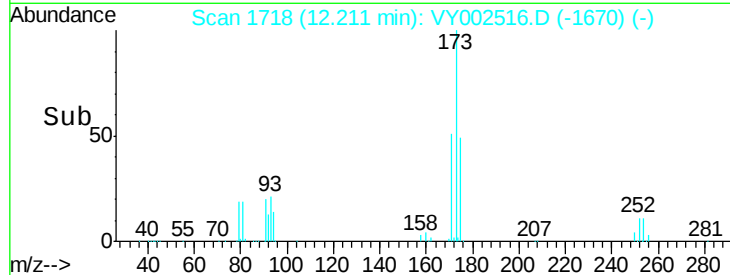
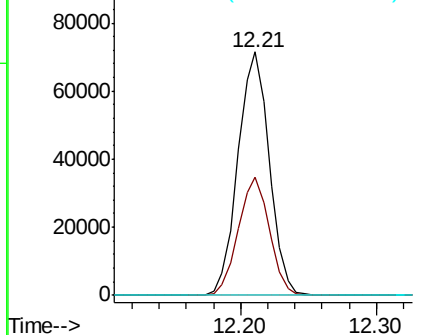


Abundance

Ion 172.70 (172.40 to 173.40): V

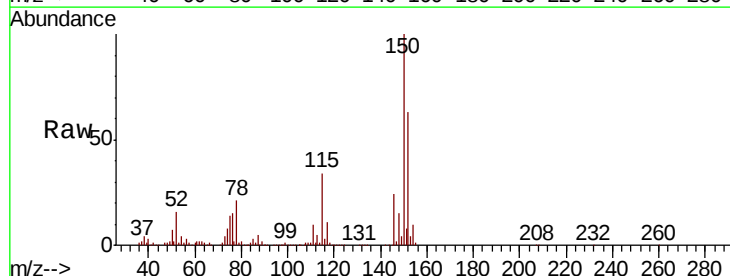
Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.01 min
Lab File: VY002516.D
Acq: 30 Apr 2020 16:48

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.0	27.5	82.4
150	172.6	0.0	346.4

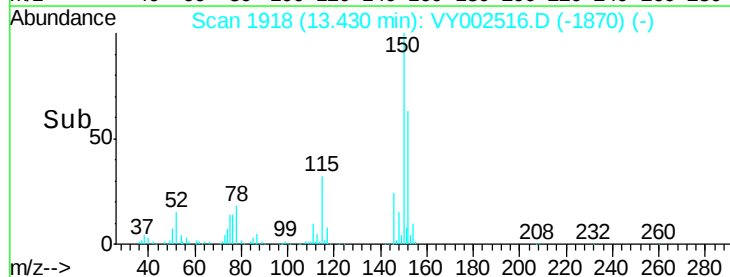
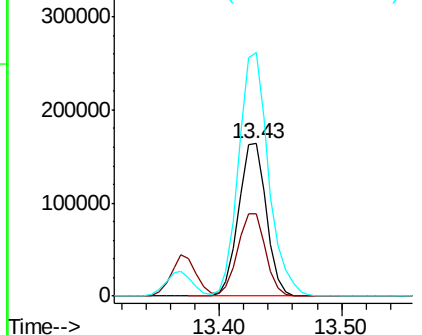


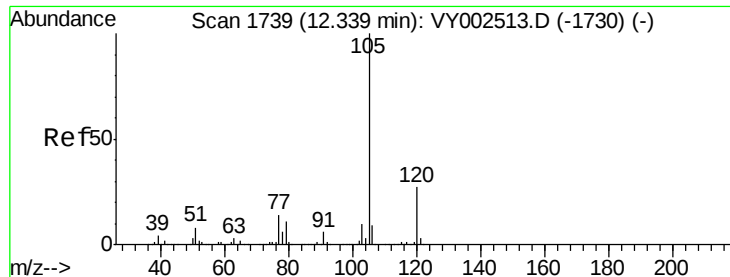
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 52.852 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. -0.01 min

Lab File: VY002516.D

Acq: 30 Apr 2020 16:48

Instrument :

MSVOA_Y

ClientSampleId :

ICVY043020

Tot Ion: 105 Resp: 877655

Ion Ratio Lower Upper

105 100

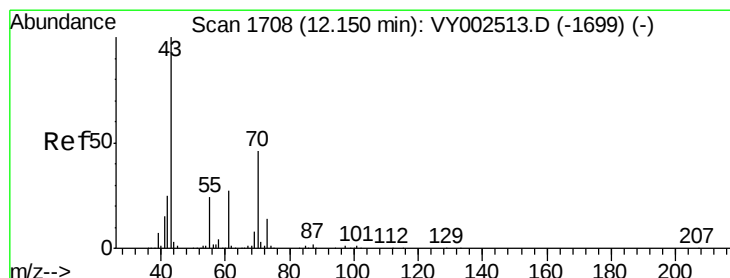
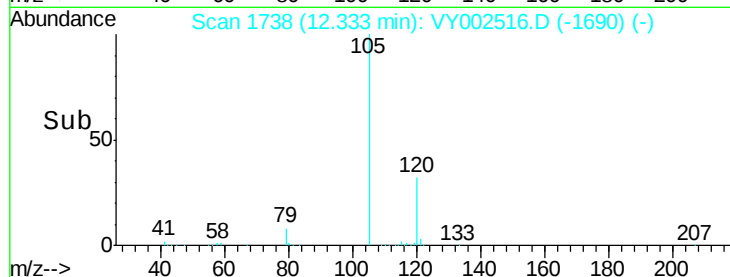
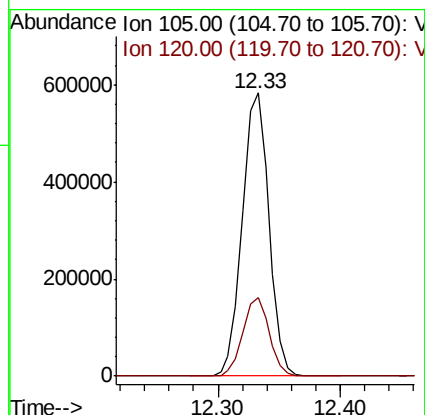
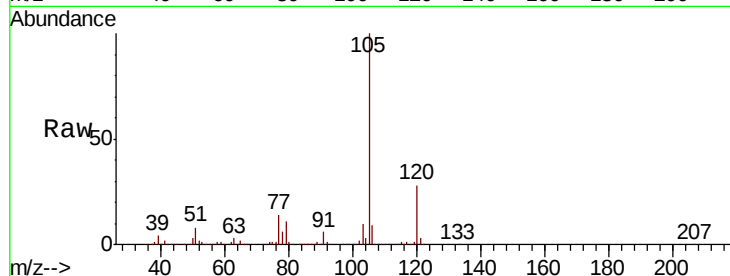
120 27.4 13.8 41.3

Manual Integrations

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#74

N-ethyl acetate

Concen: 51.787 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.01 min

Lab File: VY002516.D

Acq: 30 Apr 2020 16:48

Tgt Ion: 43 Resp: 206867

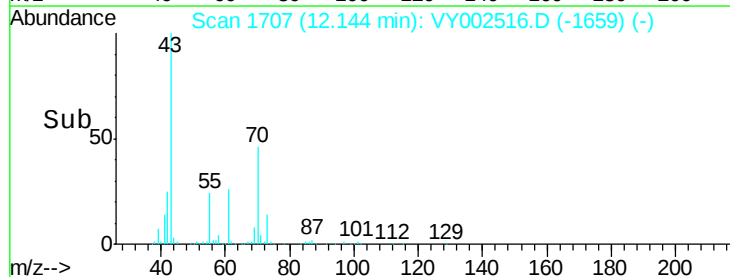
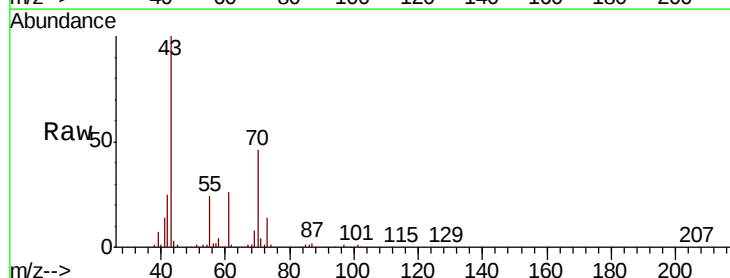
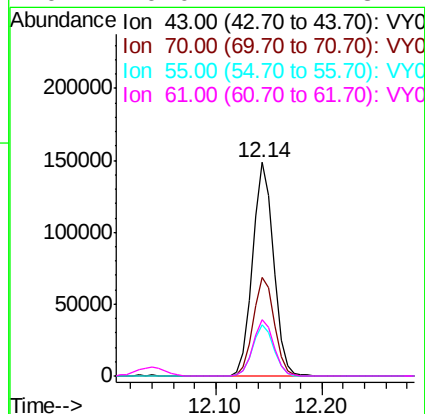
Ion Ratio Lower Upper

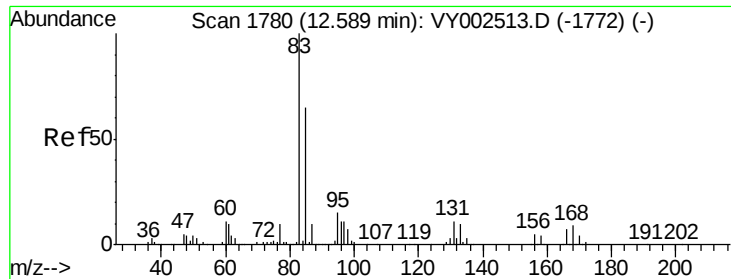
43 100

70 46.6 36.7 55.1

55 24.2 19.2 28.8

61 26.0 21.1 31.7





#75

1,1,2,2-Tetrachloroethane

Concen: 51.131 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.01 min

Lab File: VY002516.D

Acq: 30 Apr 2020 16:48

Instrument :

MSVOA_Y

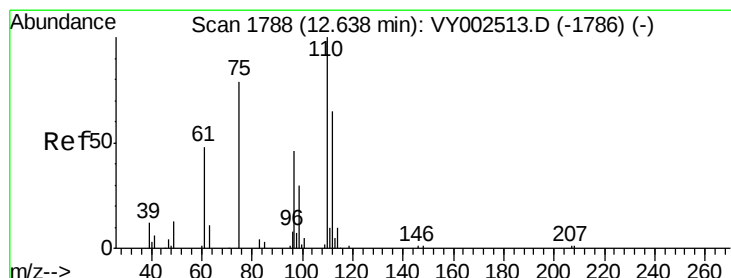
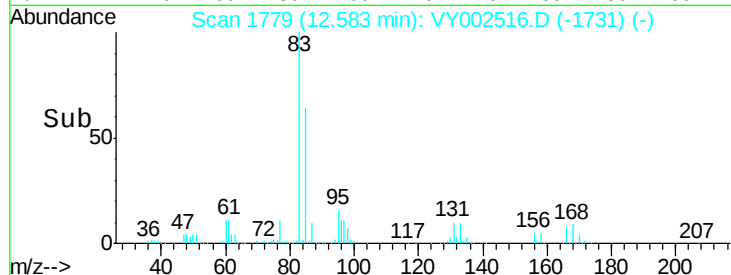
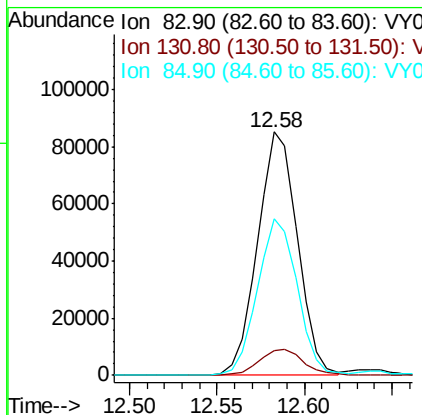
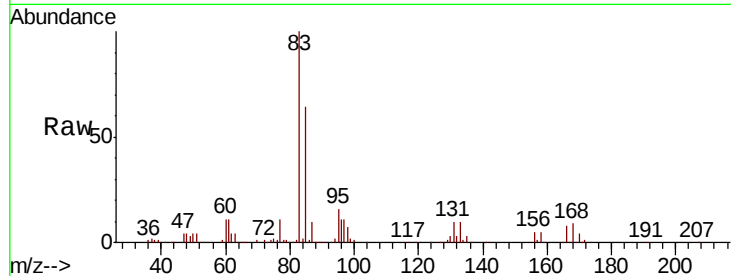
ClientSampleId :

ICVY043020

Tot Ion:	83	Resp:	135033
Ion Ratio	Lower	Upper	
83	100		
131	11.8	5.9	17.8
85	64.5	31.9	95.9

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#76

1,2,3-Trichloropropane

Concen: 51.866 ug/l m

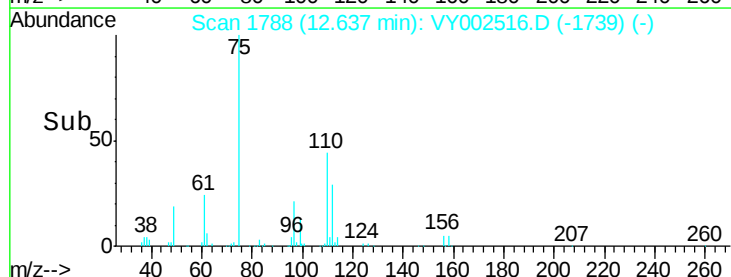
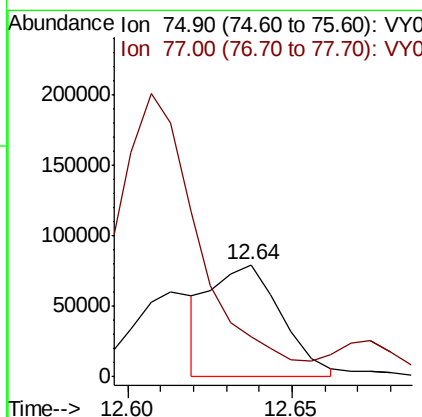
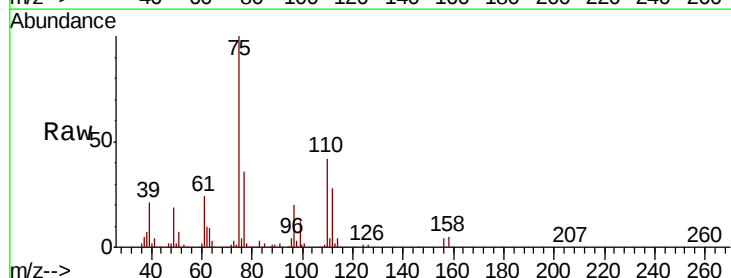
RT: 12.64 min Scan# 1788

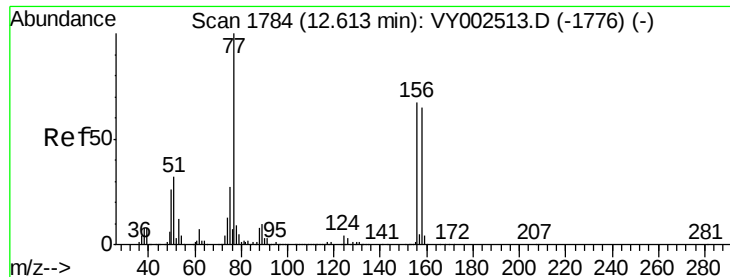
Delta R.T. -0.00 min

Lab File: VY002516.D

Acq: 30 Apr 2020 16:48

Tgt Ion:	75	Resp:	118099
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





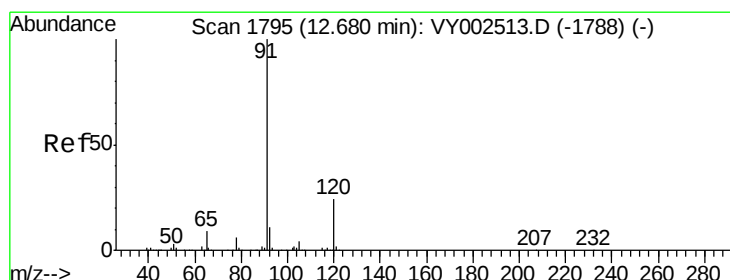
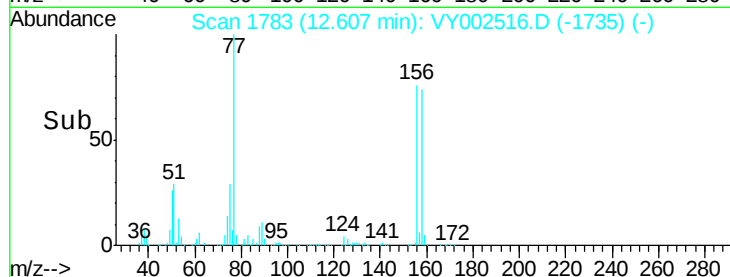
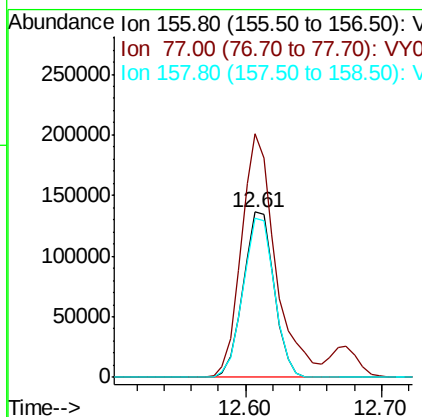
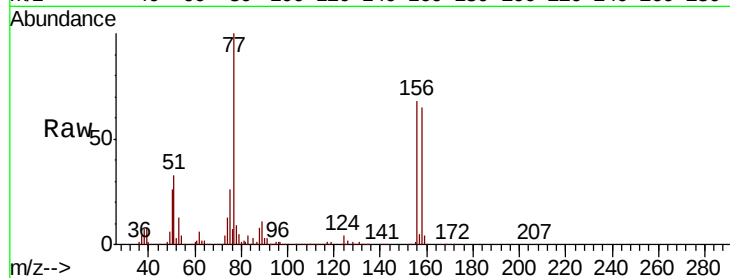
#77
Bromobenzene
Concen: 52.404 ug/l
RT: 12.61 min Scan# 1783
Delta R.T. -0.01 min
Lab File: VY002516.D
Acq: 30 Apr 2020 16:48

Instrument :
MSVOA_Y
ClientSampleId :
ICVY043020

Tot Ion	Ratio	Lower	Upper
156	100		
77	162.4	82.0	245.8
158	97.3	48.5	145.6

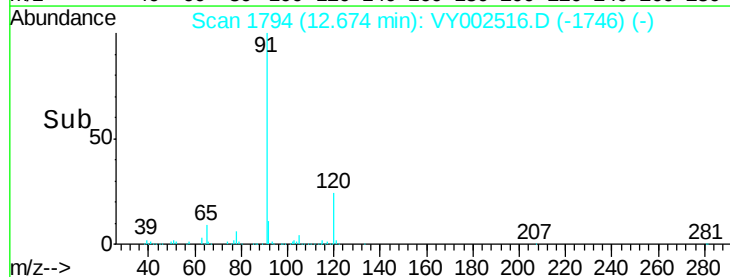
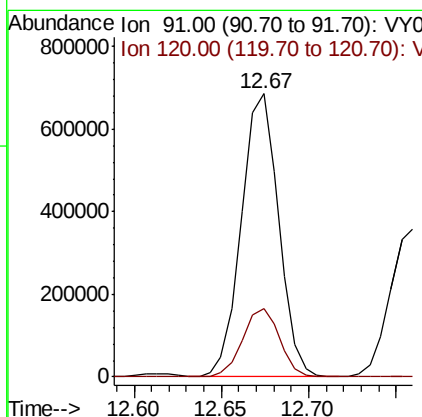
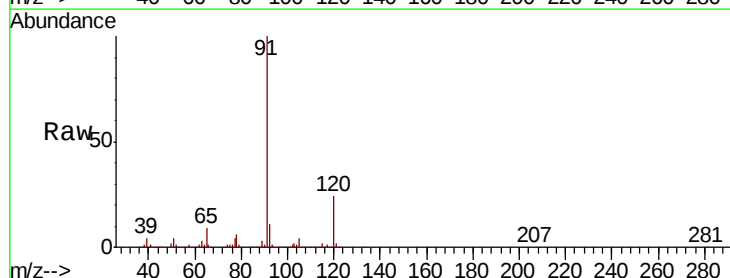
Manual Integrations
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#78
n-propylbenzene
Concen: 53.010 ug/l
RT: 12.67 min Scan# 1794
Delta R.T. -0.01 min
Lab File: VY002516.D
Acq: 30 Apr 2020 16:48

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.0	12.2	36.4





#79

2-Chlorotoluene

Concen: 52.398 ug/l

RT: 12.76 min Scan# 1808

Delta R.T. -0.01 min

Lab File: VY002516.D

Acq: 30 Apr 2020 16:48

Instrument :

MSVOA_Y

ClientSampleId :

ICVY043020

Tot Ion: 91 Resp: 559331

Ion Ratio Lower Upper

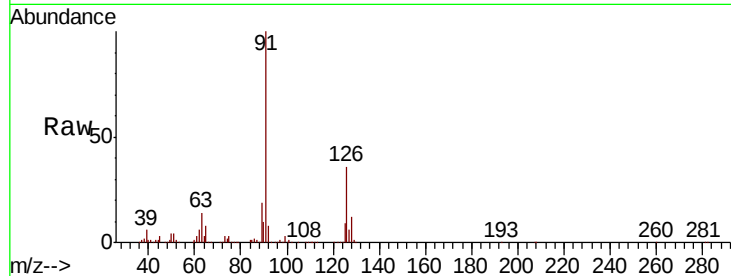
91 100

126 36.3 18.4 55.2

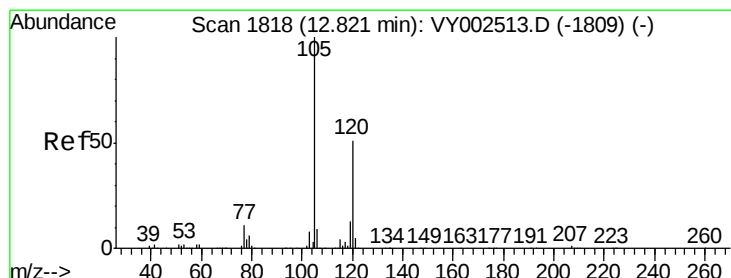
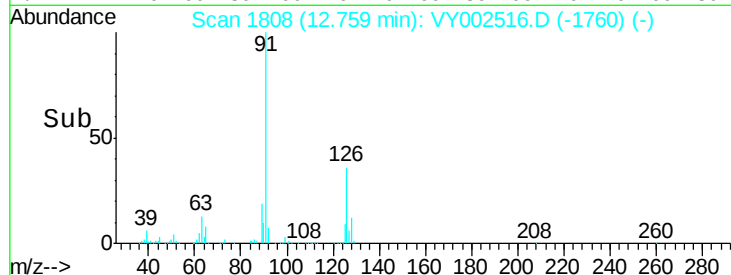
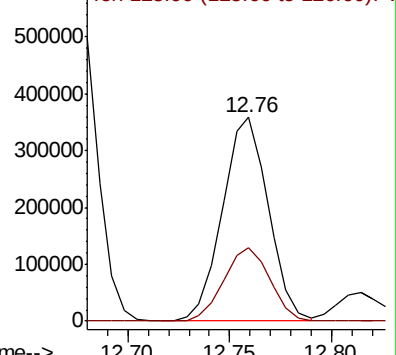
Manual Integrations
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Abundance Ion 91.00 (90.70 to 91.70): VY002516.D (-1760) (-)



#80

1,3,5-Trimethylbenzene

Concen: 52.937 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. -0.01 min

Lab File: VY002516.D

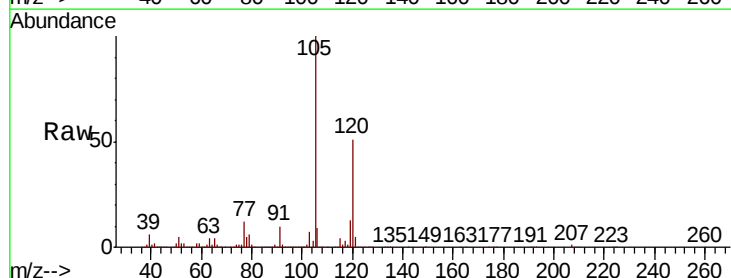
Acq: 30 Apr 2020 16:48

Tgt Ion: 105 Resp: 728677

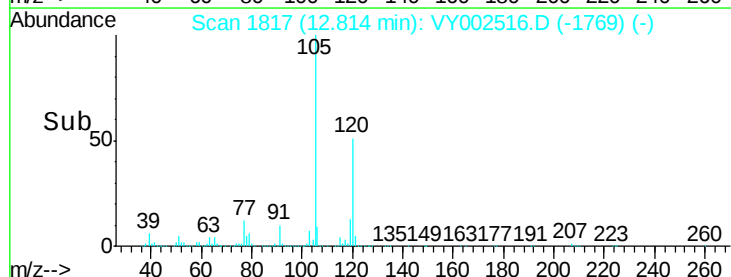
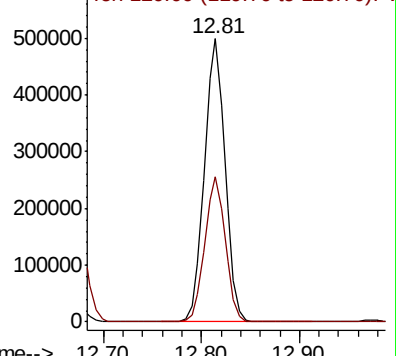
Ion Ratio Lower Upper

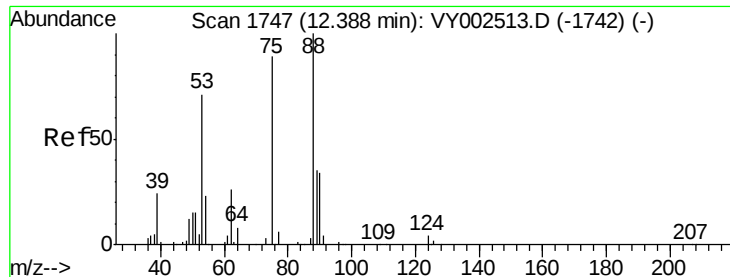
105 100

120 51.0 25.3 75.9



Abundance Ion 105.00 (104.70 to 105.70): VY002516.D (-1769) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 50.924 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. -0.01 min

Lab File: VY002516.D

Acq: 30 Apr 2020 16:48

Instrument :

MSVOA_Y

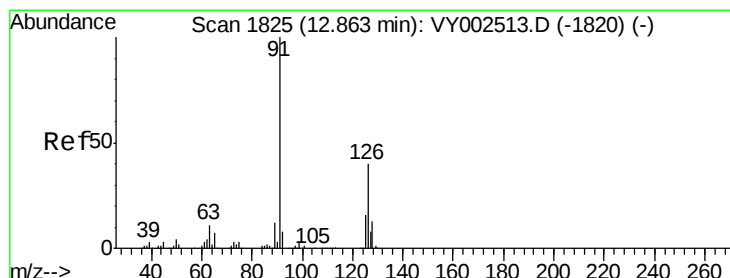
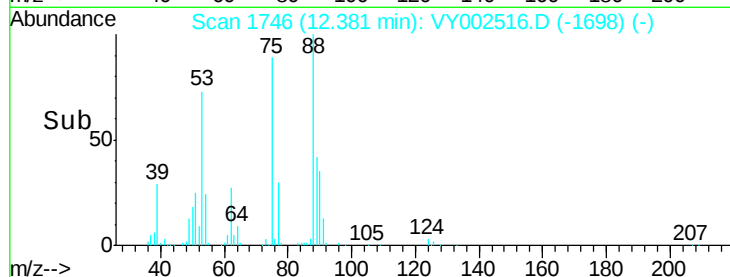
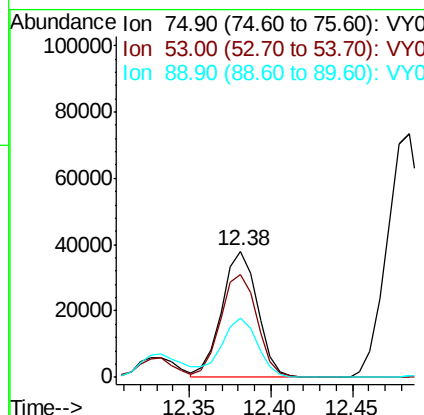
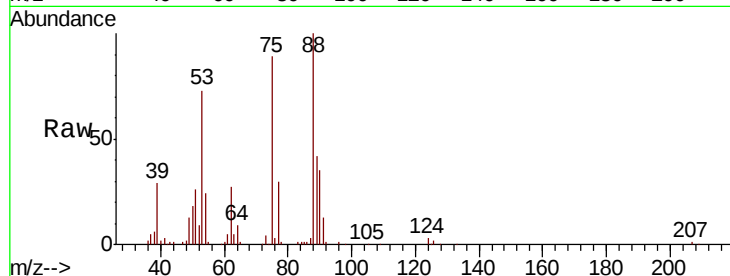
ClientSampleId :

ICVY043020

Tot Ion:	75	Resp:	57826
Ion	Ratio	Lower	Upper
75	100		
53	84.5	67.4	101.0
89	46.7	37.4	56.0

Manual Integrations
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#82

4-Chlorotoluene

Concen: 52.437 ug/l

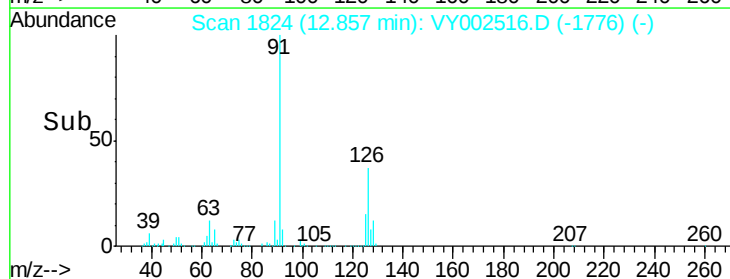
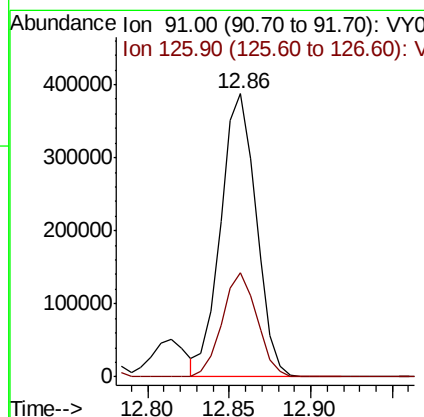
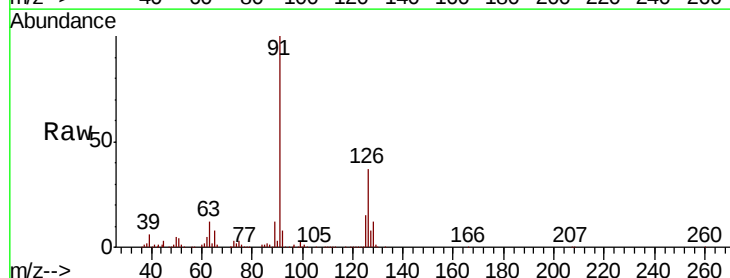
RT: 12.86 min Scan# 1824

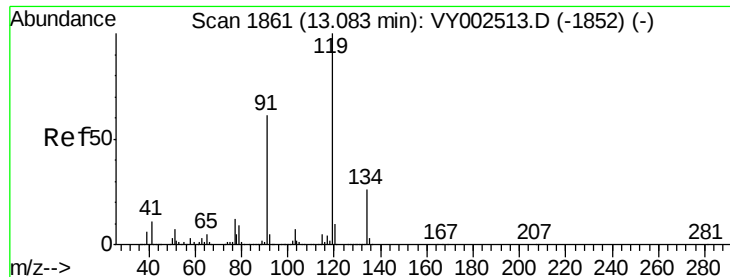
Delta R.T. -0.01 min

Lab File: VY002516.D

Acq: 30 Apr 2020 16:48

Tgt Ion:	91	Resp:	587963
Ion	Ratio	Lower	Upper
91	100		
126	36.2	18.5	55.5





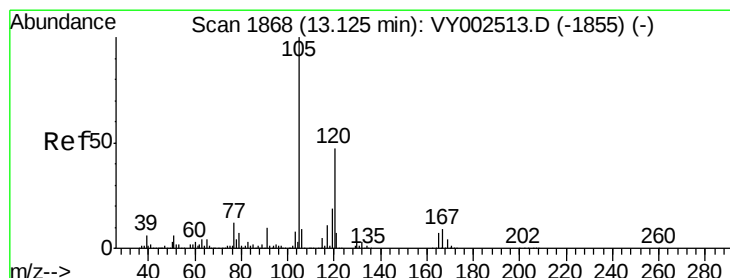
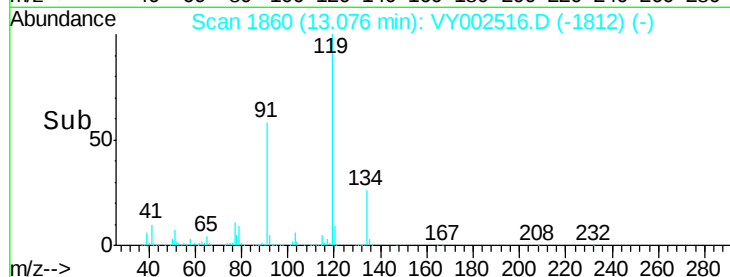
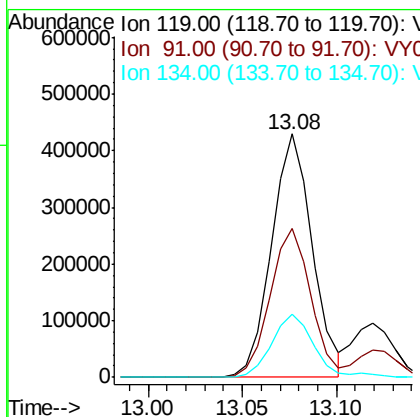
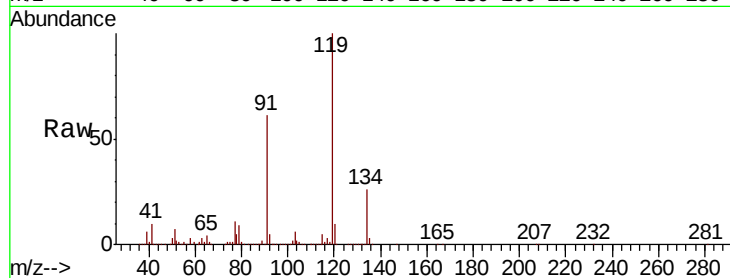
#83
tert-Butylbenzene
Concen: 53.253 ug/l
RT: 13.08 min Scan# 1860
Delta R.T. -0.01 min
Lab File: VY002516.D
Acq: 30 Apr 2020 16:48

Instrument :
MSVOA_Y
ClientSampleId :
ICVY043020

Tot Ion	Ratio	Lower	Upper
119	100		
91	61.1	30.6	91.6
134	27.1	13.5	40.4

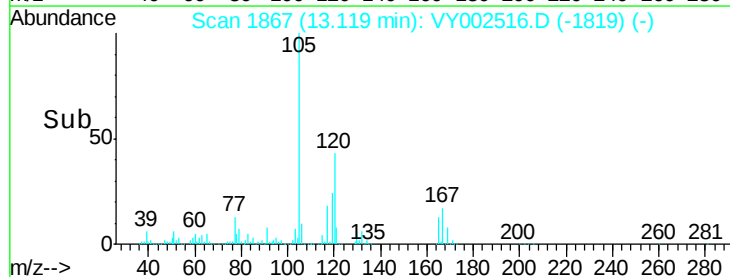
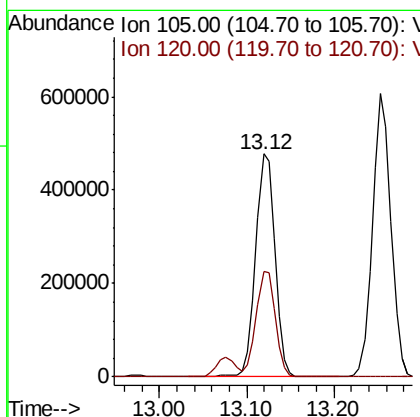
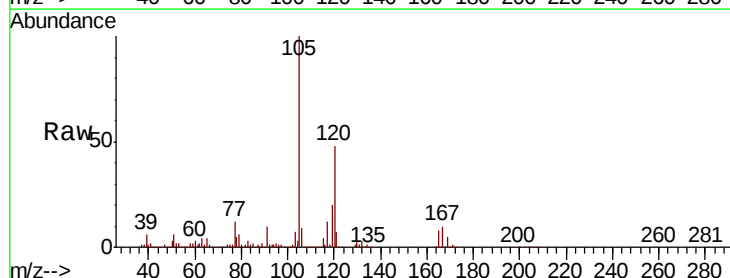
Manual Integrations
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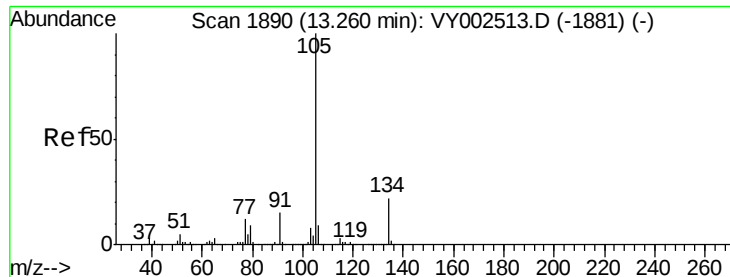
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#84
1,2,4-Trimethylbenzene
Concen: 53.262 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. -0.01 min
Lab File: VY002516.D
Acq: 30 Apr 2020 16:48

Tgt Ion	Ratio	Lower	Upper
105	100		
120	47.1	23.4	70.3





#85

sec-Butylbenzene

Concen: 53.205 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.01 min

Lab File: VY002516.D

Acq: 30 Apr 2020 16:48

Instrument :

MSVOA_Y

ClientSampleId :

ICVY043020

Tot Ion:105 Resp: 891066

Ion Ratio Lower Upper

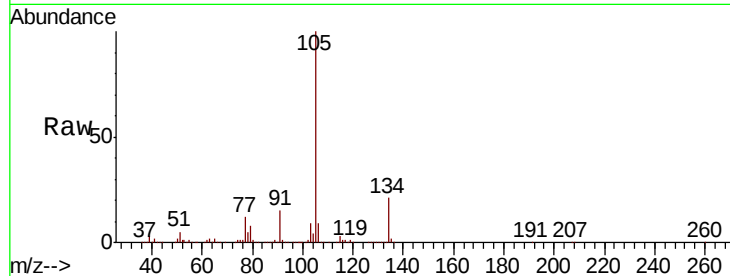
105 100

134 21.2 10.8 32.3

Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.25

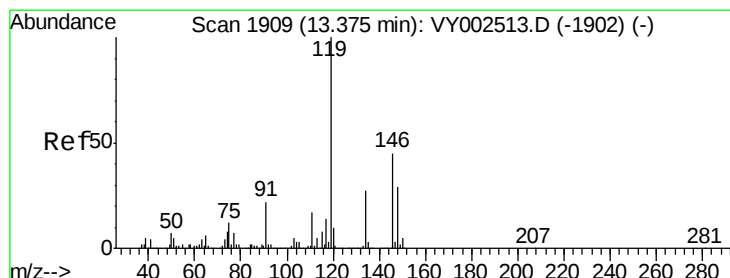
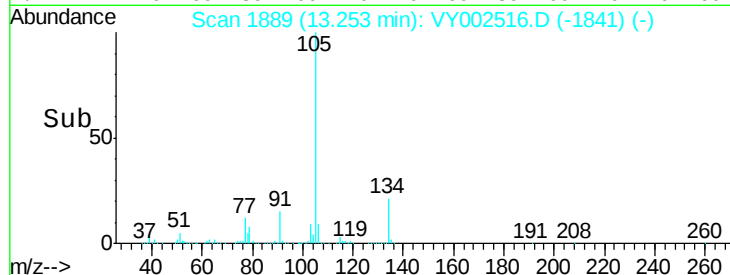
600000

400000

200000

0

Time-->



#86

p-Isopropyltoluene

Concen: 53.398 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.01 min

Lab File: VY002516.D

Acq: 30 Apr 2020 16:48

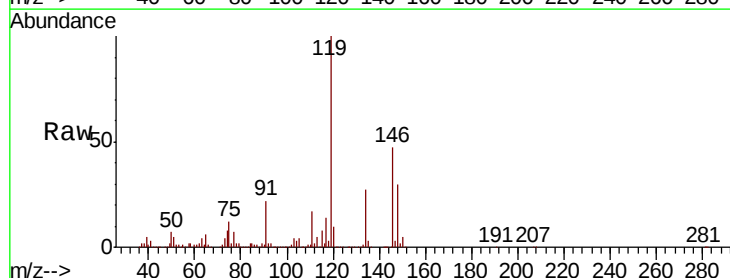
Tgt Ion:119 Resp: 837950

Ion Ratio Lower Upper

119 100

134 27.0 13.5 40.5

91 22.0 10.9 32.9



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

13.37

800000

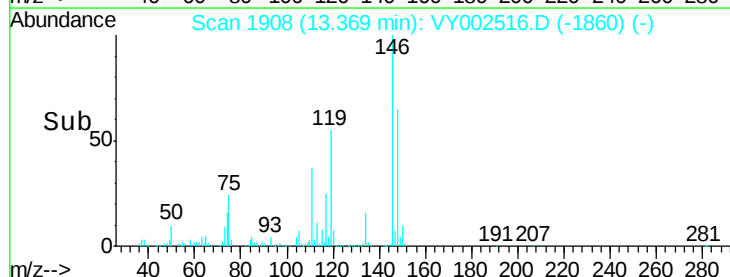
600000

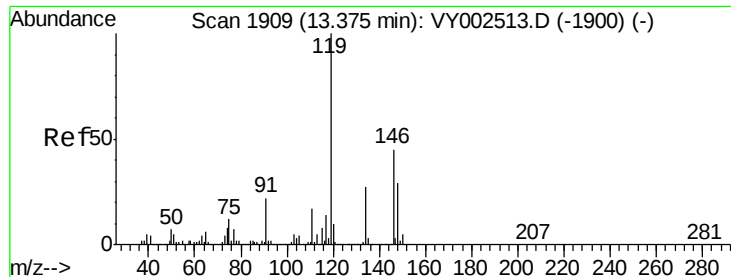
400000

200000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 52.400 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.01 min

Lab File: VY002516.D

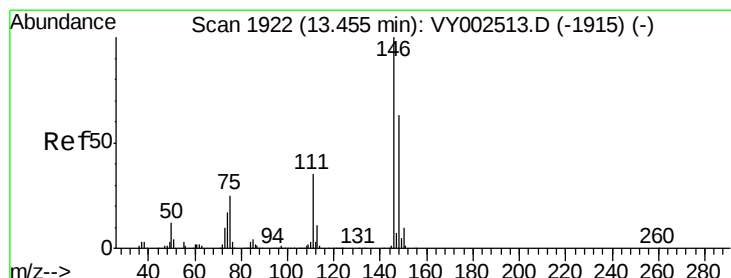
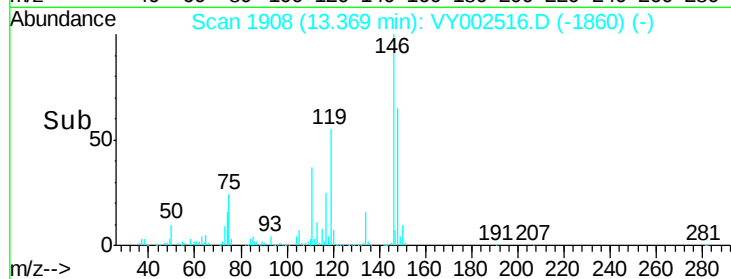
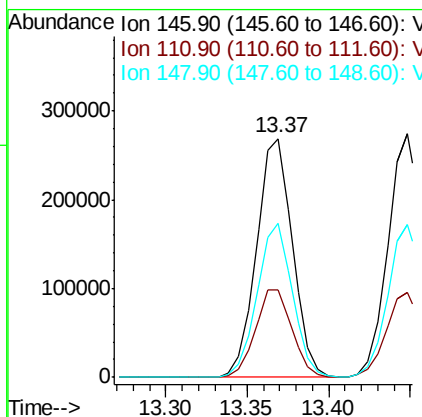
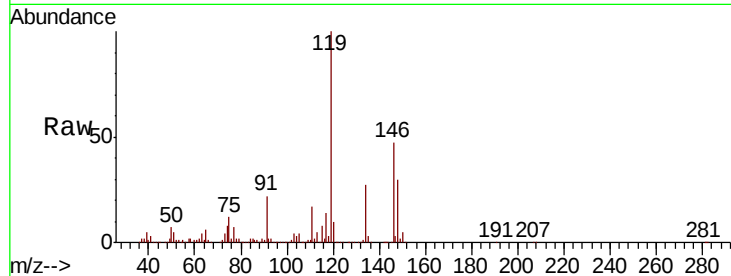
Acq: 30 Apr 2020 16:48

Instrument :
MSVOA_Y
ClientSampleId :
ICVY043020

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.6	18.8	56.3
148	63.4	32.1	96.3

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#88

1,4-Dichlorobenzene

Concen: 53.232 ug/l

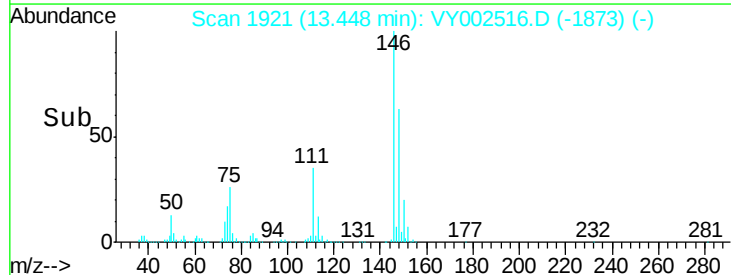
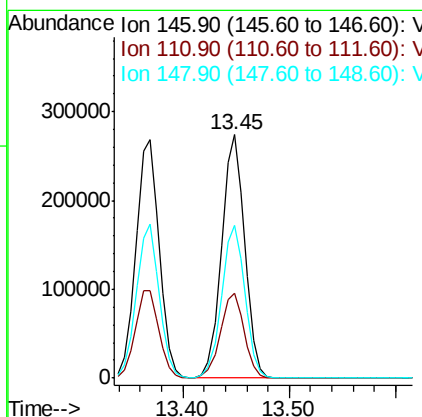
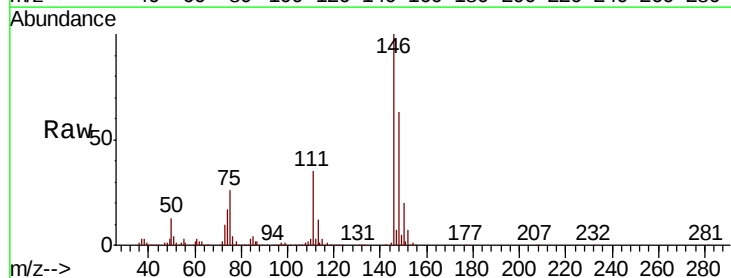
RT: 13.45 min Scan# 1921

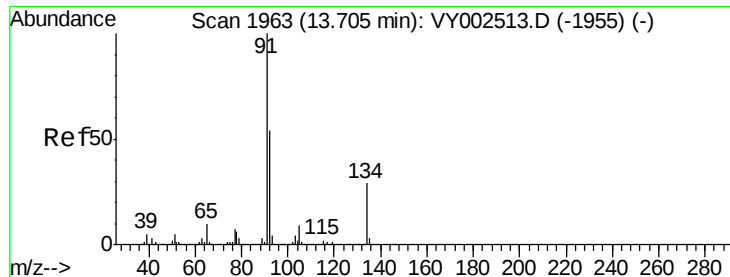
Delta R.T. -0.01 min

Lab File: VY002516.D

Acq: 30 Apr 2020 16:48

Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.8	18.1	54.1
148	63.4	31.9	95.5





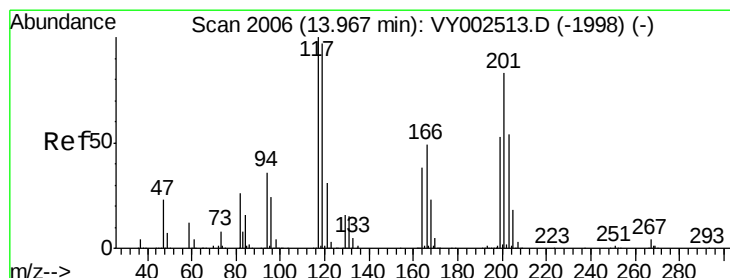
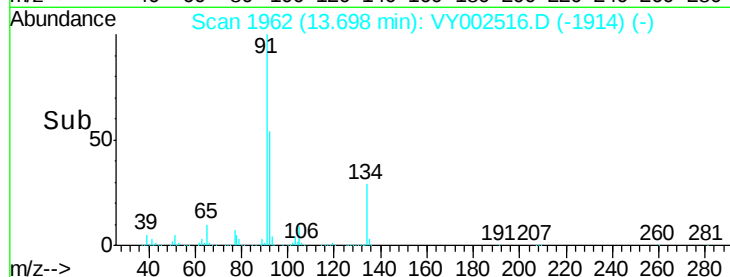
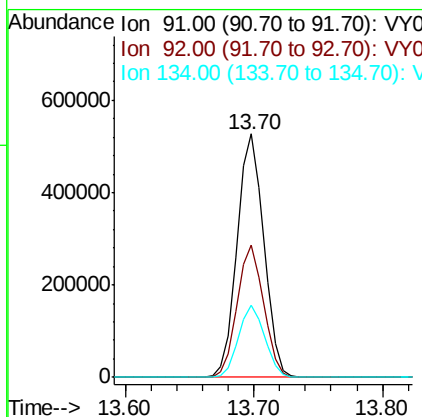
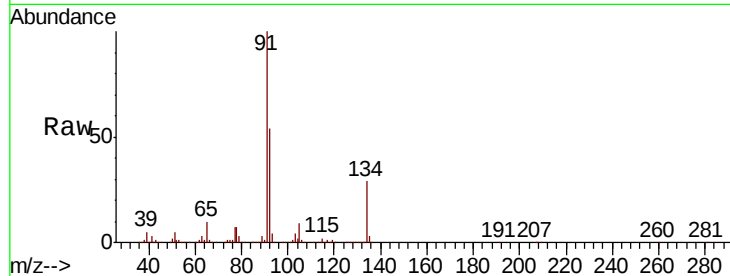
#89
n-Butylbenzene
Concen: 53.030 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. -0.01 min
Lab File: VY002516.D
Acq: 30 Apr 2020 16:48

Instrument :
MSVOA_Y
ClientSampleId :
ICVY043020

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.8	27.1	81.3
134	28.9	14.4	43.0

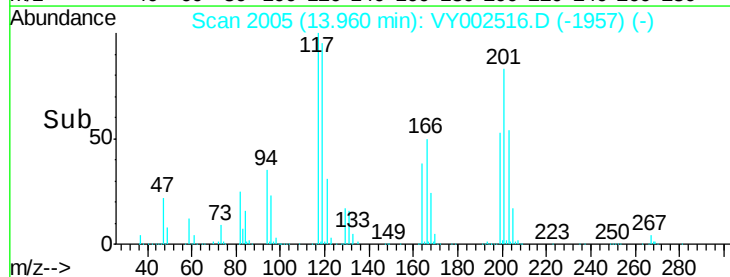
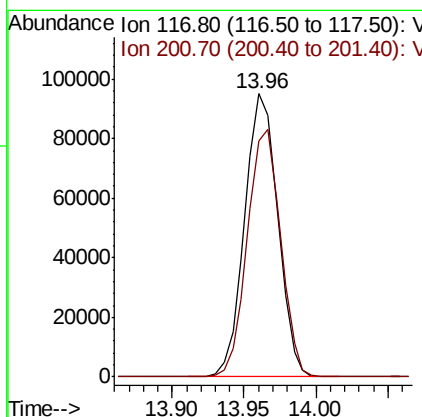
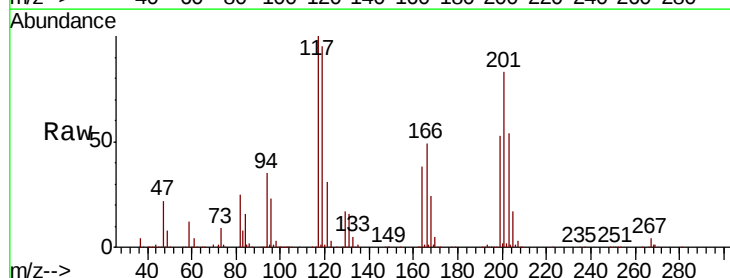
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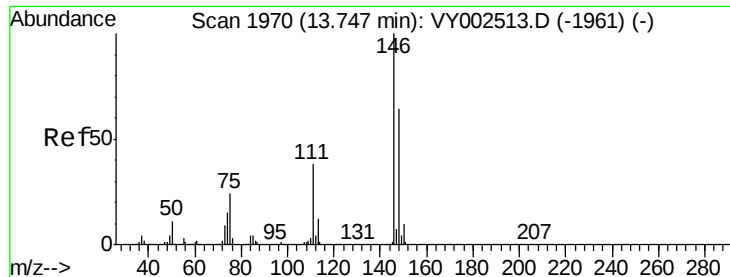
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#90
Hexachloroethane
Concen: 52.996 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.01 min
Lab File: VY002516.D
Acq: 30 Apr 2020 16:48

Tgt Ion	Ratio	Lower	Upper
117	100		
201	87.4	44.4	133.2





#91

1,2-Dichlorobenzene

Concen: 52.872 ug/l

RT: 13.74 min Scan# 1969

Delta R.T. -0.01 min

Lab File: VY002516.D

Acq: 30 Apr 2020 16:48

Instrument :

MSVOA_Y

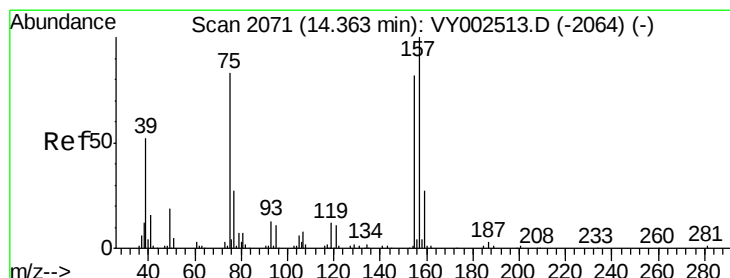
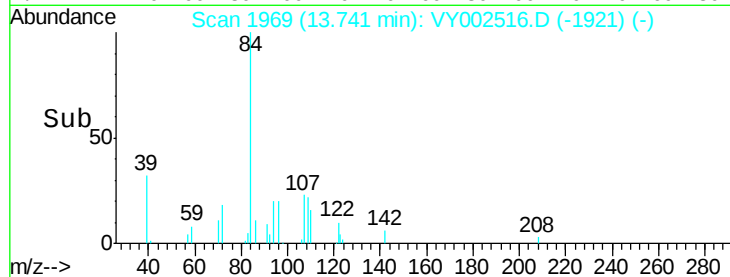
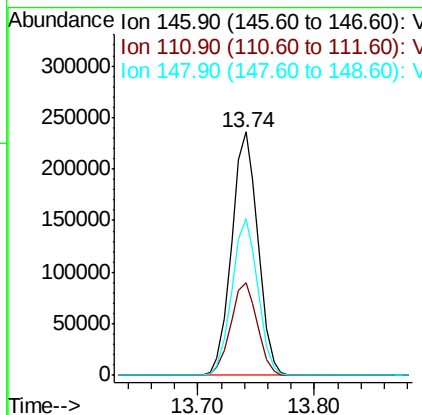
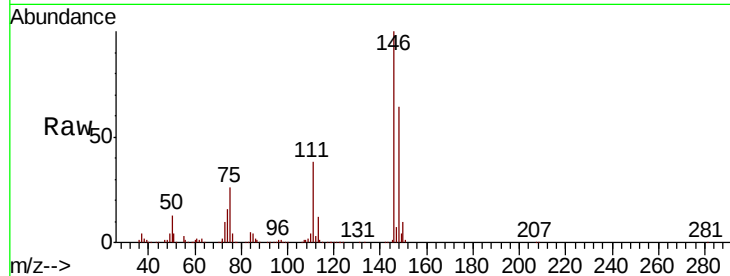
ClientSampleId :

ICVVY043020

Tot Ion:	146	Resp:	370452
Ion Ratio		Lower	Upper
146	100		
111	38.3	19.1	57.5
148	63.6	31.9	95.7

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 50.483 ug/l

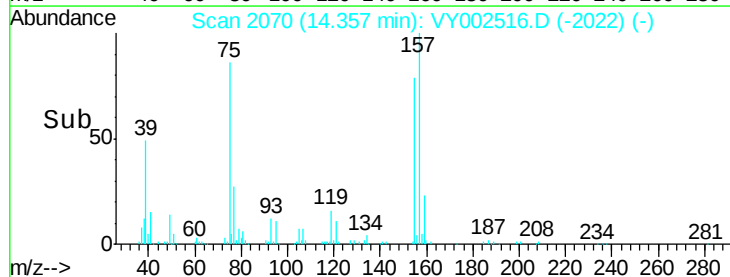
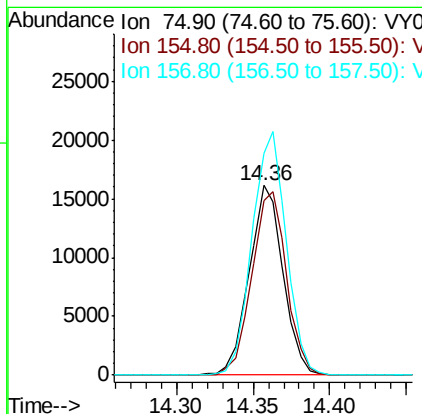
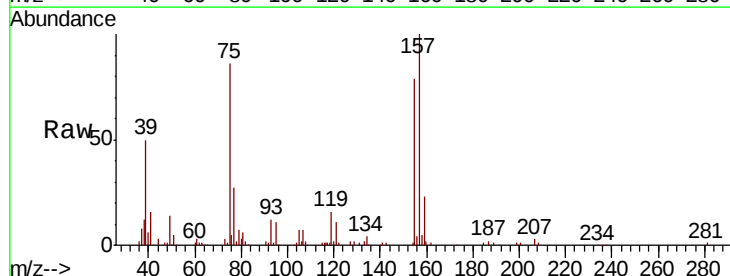
RT: 14.36 min Scan# 2070

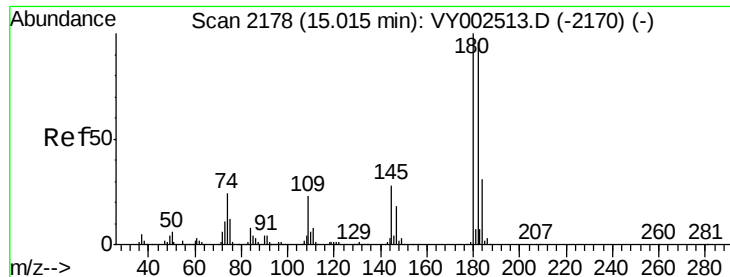
Delta R.T. -0.01 min

Lab File: VY002516.D

Acq: 30 Apr 2020 16:48

Tgt Ion:	75	Resp:	24852
Ion Ratio		Lower	Upper
75	100		
155	98.6	51.3	153.9
157	129.5	65.0	195.0





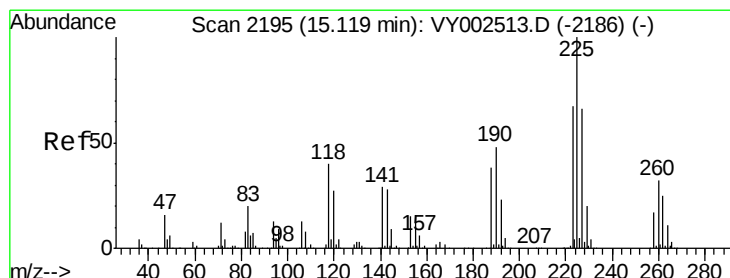
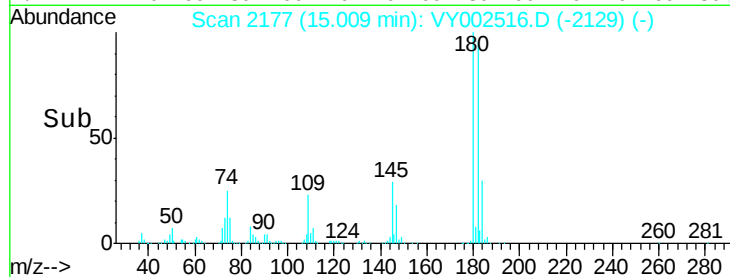
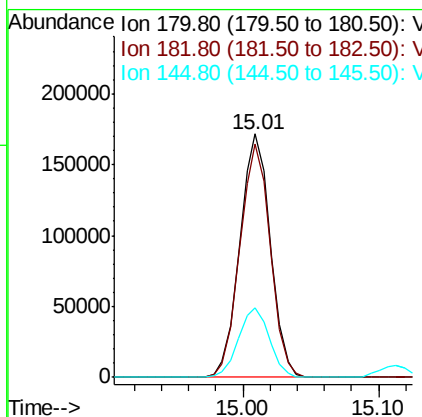
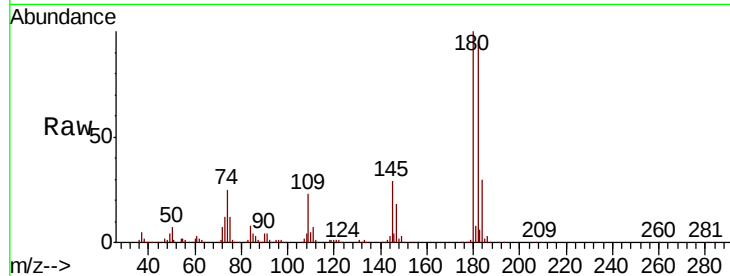
#93
 1,2,4-Trichlorobenzene
 Concen: 52.815 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. -0.01 min
 Lab File: VY002516.D
 Acq: 30 Apr 2020 16:48

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY043020

Tot Ion	Ratio	Resp	Lower	Upper
180	100	268668		
182	95.4	47.9	143.6	
145	28.8	14.4	43.0	

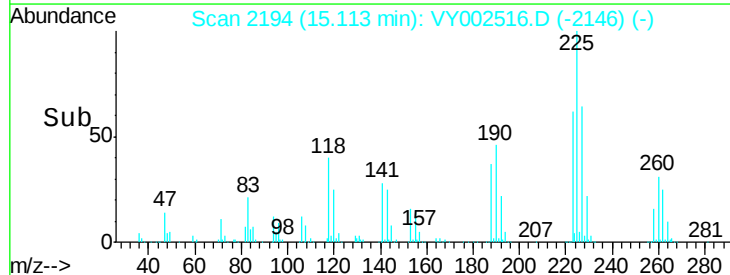
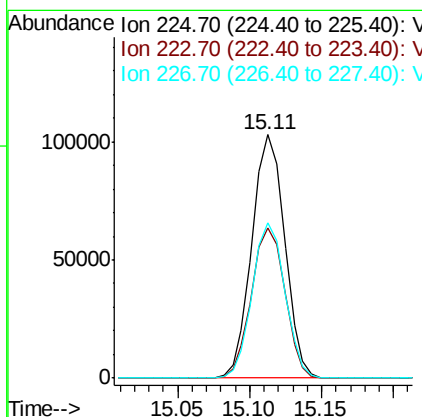
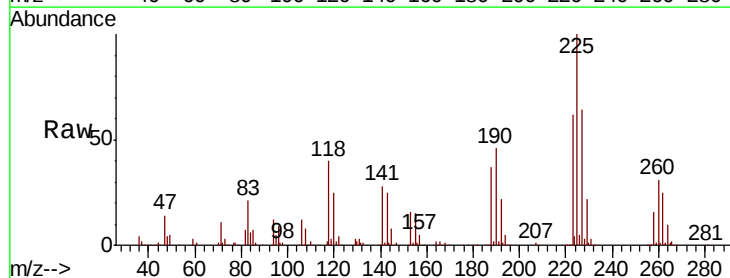
Manual Integrations
 APPROVED

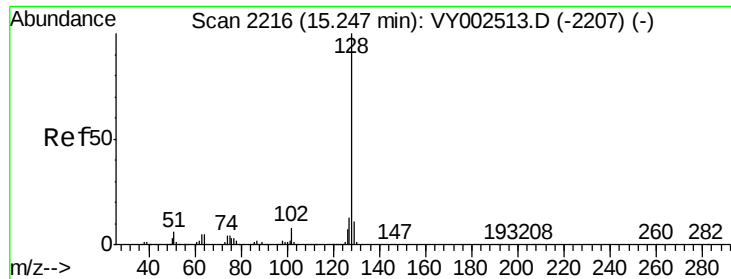
MMDadoda
 5/5/2020 4:31:15 PM



#94
 Hexachlorobutadiene
 Concen: 53.089 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. -0.01 min
 Lab File: VY002516.D
 Acq: 30 Apr 2020 16:48

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	162105		
223	63.2	32.1	96.5	
227	63.6	32.0	96.2	





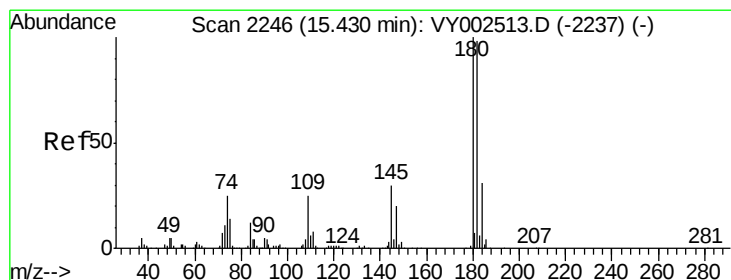
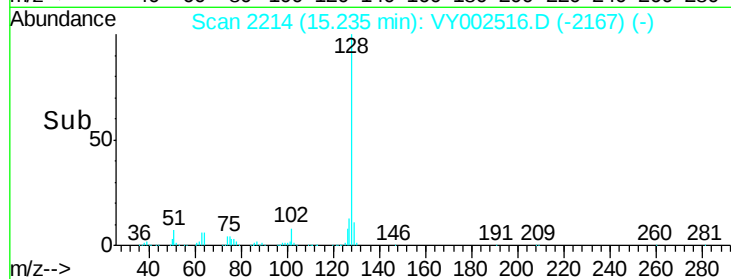
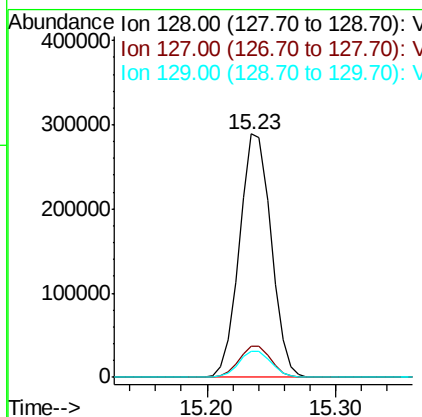
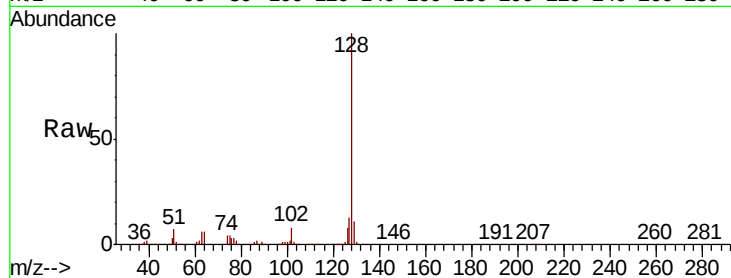
#95
Naphthalene
Concen: 53.044 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.01 min
Lab File: VY002516.D
Acq: 30 Apr 2020 16:48

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY043020

Tot Ion	Ion	Ratio	Resp	Lower	Upper
128	100		492237		
127	12.9	10.5	15.7		
129	11.0	8.8	13.2		

Manual Integrations
APPROVED

MMDadoda
5/5/2020 4:31:15 PM



#96
1,2,3-Trichlorobenzene
Concen: 53.354 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. -0.01 min
Lab File: VY002516.D
Acq: 30 Apr 2020 16:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		230405		
182	95.3	47.9	143.8		
145	30.5	15.0	45.1		

