

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102721\
 Data File : VY006500.D
 Acq On : 27 Oct 2021 16:42
 Operator : SY/MD
 Sample : MDL01
 Misc : 5.00G/10ML/MSVOA_Y/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MDL01

Manual Integrations
 APPROVED

MMDadoda
 10/29/2021 4:37:14 PM

Quant Time: Oct 28 06:08:20 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYL100521SMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 28 05:46:40 2021
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	8.691	114	205627	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.490	117	190690	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.428	152	92253	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.247	65	91273	25.537	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 102.160%	
7) Chloroethane-d5	2.765	69	62844	23.755	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 95.040%	
11) 1,1-Dichloroethene-d2	3.857	63	92970	15.910	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 63.640%	
21) 2-Butanone-d5	6.893	46	49200	51.633	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 103.260%	
24) Chloroform-d	7.484	84	122995	23.745	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 94.960%	
26) 1,2-Dichloroethane-d4	8.143	65	82807	24.339	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 97.360%	
32) Benzene-d6	8.112	84	266320	25.382	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 101.520%	
36) 1,2-Dichloropropane-d6	9.124	67	80961	26.292	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 105.160%	
41) Toluene-d8	10.179	98	246627	24.677	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 98.720%	
43) trans-1,3-Dichloroprop...	10.441	79	39014	24.353	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 97.400%	
47) 2-Hexanone-d5	10.788	63	33486	49.170	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 98.340%	
56) 1,1,2,2-Tetrachloroeth...	12.563	84	56200	23.372	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 93.480%	
66) 1,2-Dichlorobenzene-d4	13.727	152	80245	25.216	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 100.880%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	3997	1.040	ug/L	96
3) Chloromethane	2.119	50	4044	1.075	ug/L	99
5) Vinyl chloride	2.259	62	5502	1.250	ug/L	83
6) Bromomethane	2.656	94	2048	1.026	ug/L	96
8) Chloroethane	2.796	64	2468	0.991	ug/L	89
9) Trichlorofluoromethane	3.131	101	5128	0.943	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.906	101	3491m	1.271	ug/L	
12) 1,1-Dichloroethene	3.881	96	3043	1.148	ug/L #	1
13) Acetone	3.954	43	1802	1.655	ug/L	85
14) Carbon disulfide	4.204	76	9729	1.014	ug/L	100
15) Methyl Acetate	4.491	43	1768m	1.040	ug/L	
16) Methylene chloride	4.716	84	9399	2.592	ug/L	89
17) trans-1,2-Dichloroethene	5.228	96	2591	0.931	ug/L	96
18) Methyl tert-butyl Ether	5.235	73	6455	0.886	ug/L #	61
19) 1,1-Dichloroethane	6.021	63	5172	1.025	ug/L #	85
20) cis-1,2-Dichloroethene	6.990	96	2681	0.919	ug/L	86
22) 2-Butanone	6.990	43	2130	1.758	ug/L	94
23) Bromochloromethane	7.338	128	1170	0.882	ug/L	92
25) Chloroform	7.509	83	15880	2.874	ug/L	94

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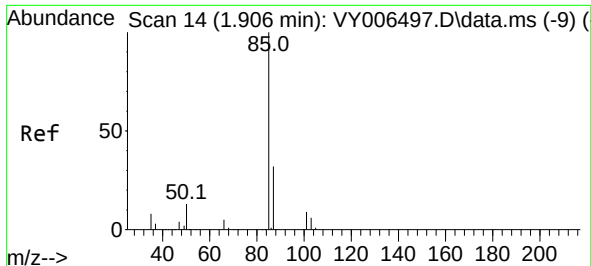
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Quant Time: Oct 28 06:08:20 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYL100521SMA.M
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

27) 1,2-Dichloroethane	8.240	62	3759	0.957	ug/L	96
29) Cyclohexane	7.789	56	4480	0.913	ug/L #	89
30) 1,1,1-Trichloroethane	7.704	97	4986	1.030	ug/L	95
31) Carbon tetrachloride	7.899	117	4251	0.970	ug/L	97
33) Benzene	8.161	78	11575	0.994	ug/L	100
34) Trichloroethene	8.941	95	3116	1.053	ug/L	85
35) Methylcyclohexane	9.185	83	4353	0.843	ug/L #	85
37) 1,2-Dichloropropane	9.216	63	2943	1.056	ug/L #	97
38) Bromodichloromethane	9.496	83	3589	0.939	ug/L	99
39) cis-1,3-Dichloropropene	9.929	75	4087	0.923	ug/L	88
40) 4-Methyl-2-pentanone	10.069	43	4159	1.861	ug/L	99
42) Toluene	10.246	91	16083	1.277	ug/L	95
44) trans-1,3-Dichloropropene	10.465	75	3417m	0.817	ug/L	
45) 1,1,2-Trichloroethane	10.642	97	1958	0.951	ug/L	89
46) Tetrachloroethene	10.721	164	2390	0.979	ug/L	86
48) 2-Hexanone	10.837	43	3230	1.852	ug/L #	41
49) Dibromochloromethane	10.984	129	2503	0.969	ug/L	97
50) 1,2-Dibromoethane	11.087	107	1906	0.993	ug/L #	87
51) Chlorobenzene	11.514	112	7683	1.008	ug/L	99
52) Ethylbenzene	11.593	91	12668	0.943	ug/L	98
53) m,p-Xylene	11.703	106	5021	0.977	ug/L	85
54) o-Xylene	12.032	106	4376	0.888	ug/L	90
55) Styrene	12.044	104	7370	0.858	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.581	83	2437	1.086	ug/L #	86
59) Bromoform	12.215	173	1394	0.895	ug/L #	37
60) Isopropylbenzene	12.331	105	11854	0.952	ug/L	97
61) 1,2,3-Trichloropropane	12.636	75	1866	1.031	ug/L	96
62) 1,3,5-Trimethylbenzene	12.812	105	9877	0.974	ug/L	99
63) 1,2,4-Trimethylbenzene	13.123	105	9641	0.963	ug/L	97
64) 1,3-Dichlorobenzene	13.367	146	5496	0.985	ug/L	94
65) 1,4-Dichlorobenzene	13.446	146	5852	1.043	ug/L	93
67) 1,2-Dichlorobenzene	13.739	146	5126	1.011	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.361	75	438m	1.004	ug/L	
69) 1,3,5-Trichlorobenzene	14.501	180	4290	1.087	ug/L	94
70) 1,2,4-trichlorobenzene	15.007	180	3226	1.011	ug/L	95
71) Naphthalene	15.239	128	5244	0.841	ug/L	96
72) 1,2,3-Trichlorobenzene	15.422	180	2667	0.962	ug/L	99

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



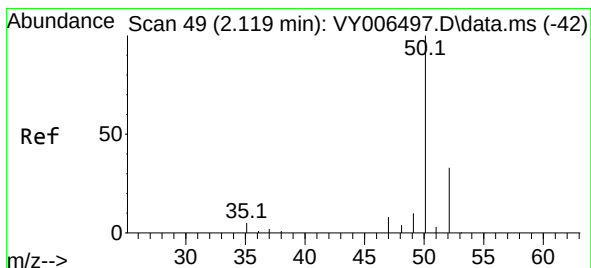
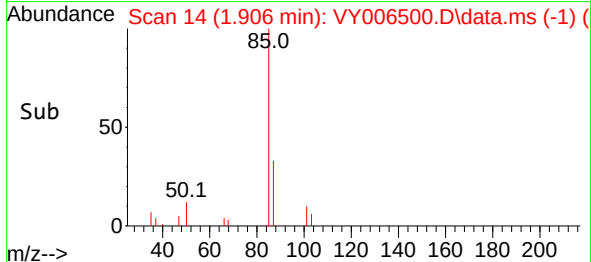
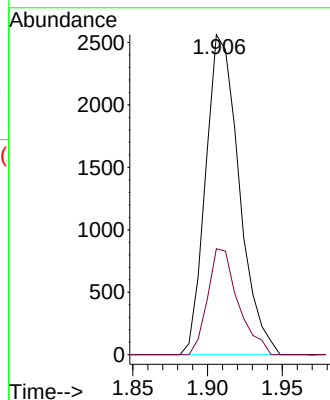
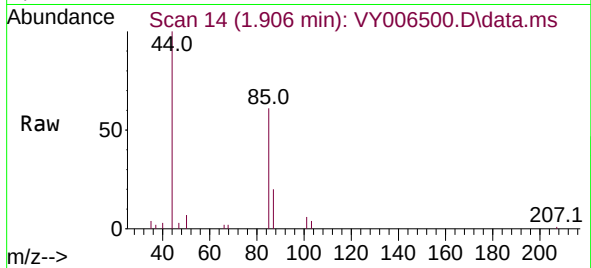
#2
Dichlorodifluoromethane
Concen: 1.040 ug/L
RT: 1.906 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY006500.D
Acq: 27 Oct 2021 16:42

Tgt Ion: 85 Resp: 3997
Ion Ratio Lower Upper
85 100
87 30.2 26.2 39.2

Instrument :
MSVOA_Y
ClientSampleId :
MDL01

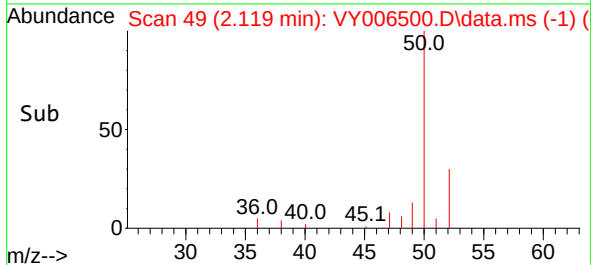
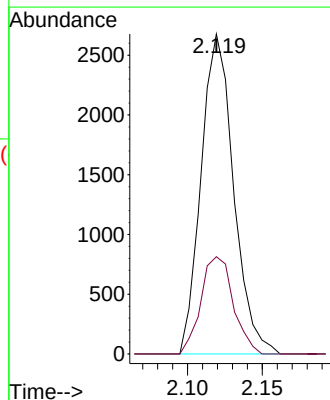
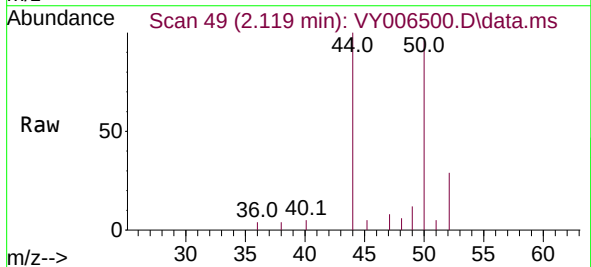
Manual Integrations
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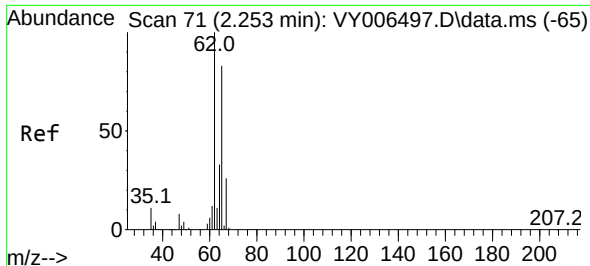
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#3
Chloromethane
Concen: 1.075 ug/L
RT: 2.119 min Scan# 49
Delta R.T. 0.000 min
Lab File: VY006500.D
Acq: 27 Oct 2021 16:42

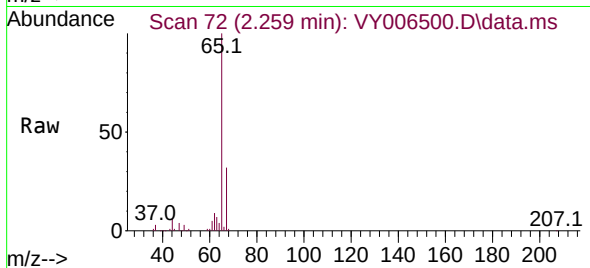
Tgt Ion: 50 Resp: 4044
Ion Ratio Lower Upper
50 100
52 30.4 21.8 40.4





#5
 Vinyl chloride
 Concen: 1.250 ug/L
 RT: 2.259 min Scan# 72
 Delta R.T. 0.006 min
 Lab File: VY006500.D
 Acq: 27 Oct 2021 16:42

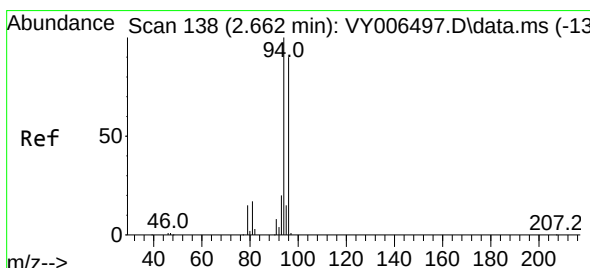
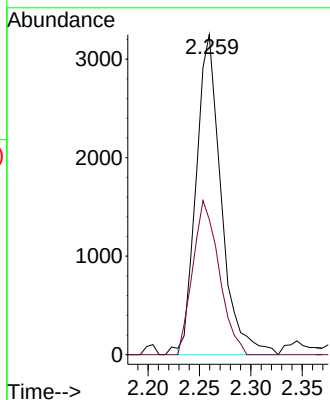
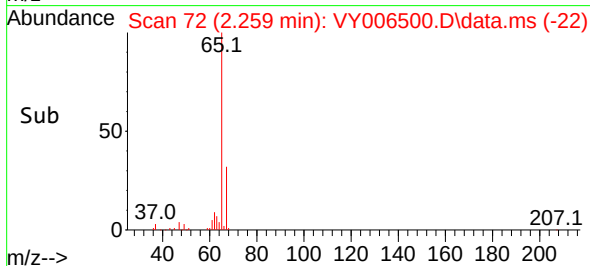
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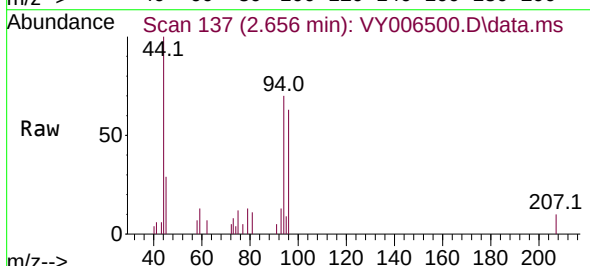
Tgt Ion: 62 Resp: 5502
 Ion Ratio Lower Upper
 62 100
 64 42.3 22.8 42.4

Manual Integrations
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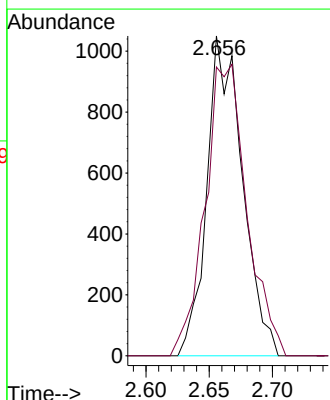
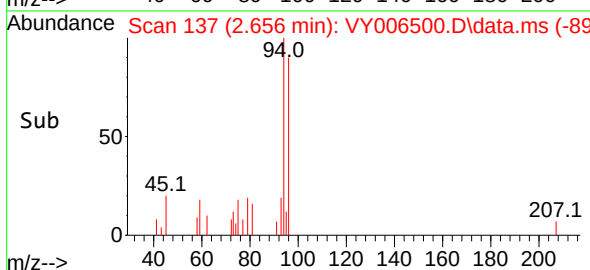
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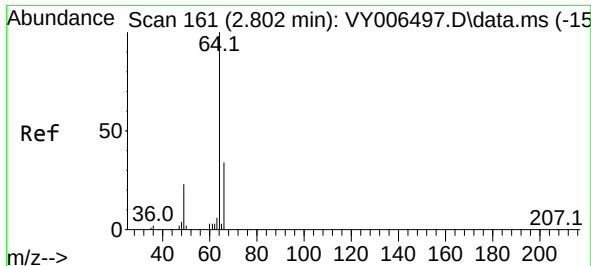


#6
 Bromomethane
 Concen: 1.026 ug/L
 RT: 2.656 min Scan# 137
 Delta R.T. -0.006 min
 Lab File: VY006500.D
 Acq: 27 Oct 2021 16:42



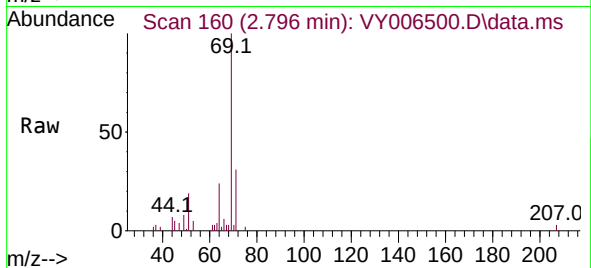
Tgt Ion: 94 Resp: 2048
 Ion Ratio Lower Upper
 94 100
 96 90.3 65.9 122.5





#8
Chloroethane
Concen: 0.991 ug/L
RT: 2.796 min Scan# 160
Delta R.T. -0.006 min
Lab File: VY006500.D
Acq: 27 Oct 2021 16:42

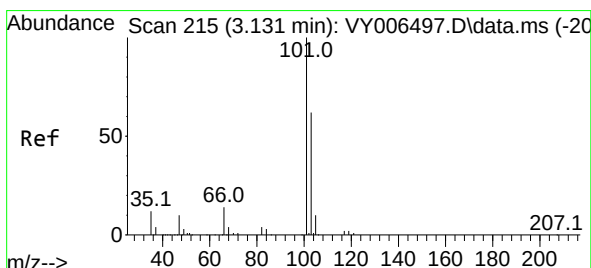
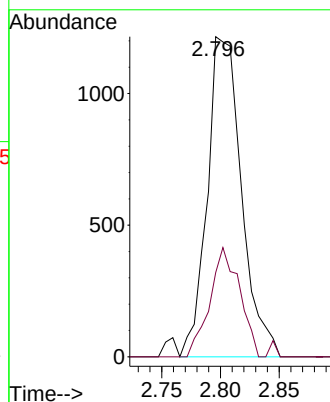
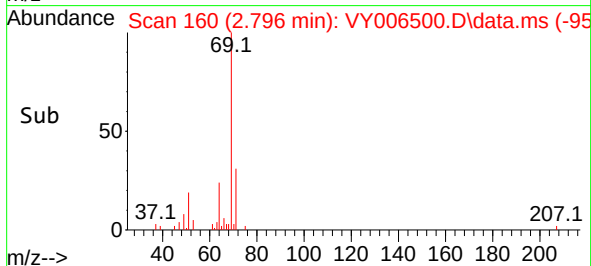
Instrument :
MSVOA_Y
ClientSampleId :
MDL01



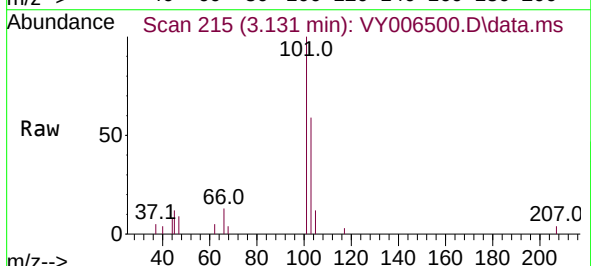
Tgt Ion: 64 Resp: 2468
Ion Ratio Lower Upper
64 100
66 26.3 22.7 42.3

Manual Integrations
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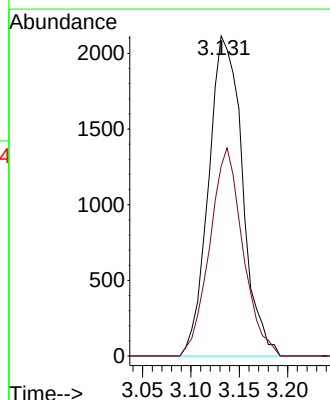
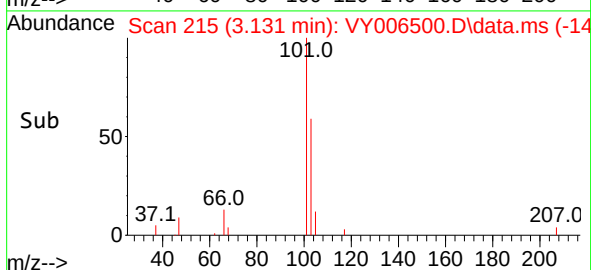
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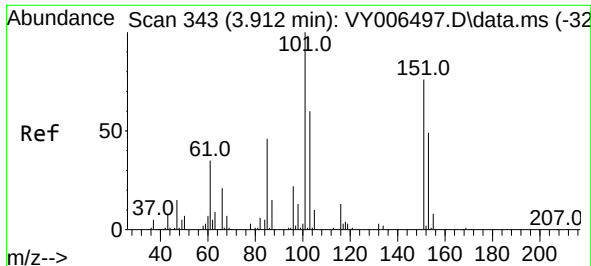


#9
Trichlorofluoromethane
Concen: 0.943 ug/L
RT: 3.131 min Scan# 215
Delta R.T. 0.000 min
Lab File: VY006500.D
Acq: 27 Oct 2021 16:42



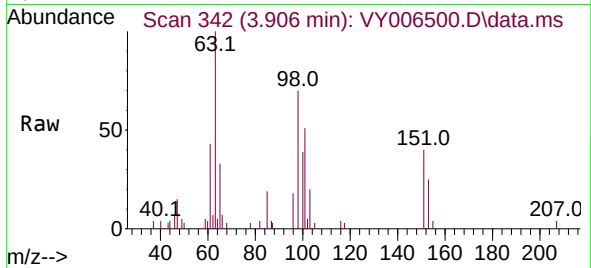
Tgt Ion: 101 Resp: 5128
Ion Ratio Lower Upper
101 100
103 63.9 51.4 77.2





#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.271 ug/L m
RT: 3.906 min Scan# 342
Delta R.T. -0.006 min
Lab File: VY006500.D
Acq: 27 Oct 2021 16:42

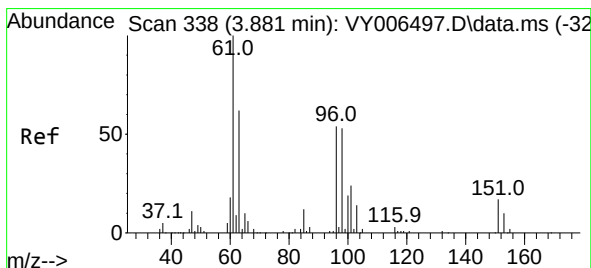
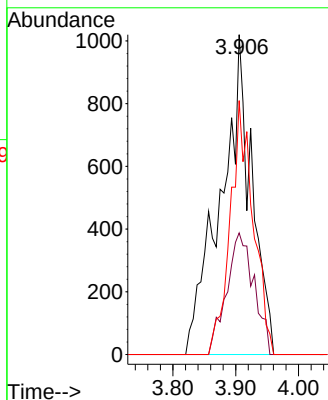
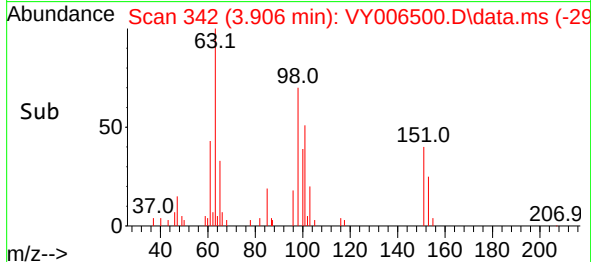
Instrument :
MSVOA_Y
ClientSampled :
MDL01



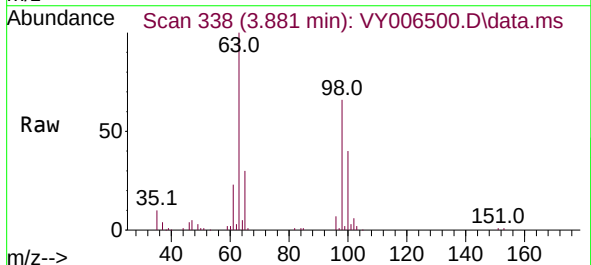
Tgt Ion: 101 Resp: 3491
Ion Ratio Lower Upper
101 100
85 32.5 36.6 54.8#
151 59.0 59.0 88.4

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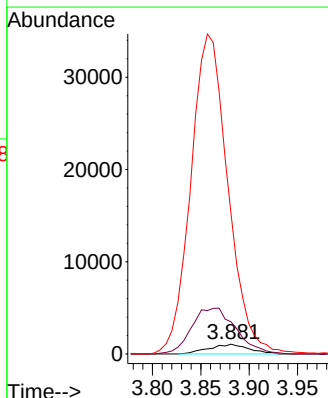
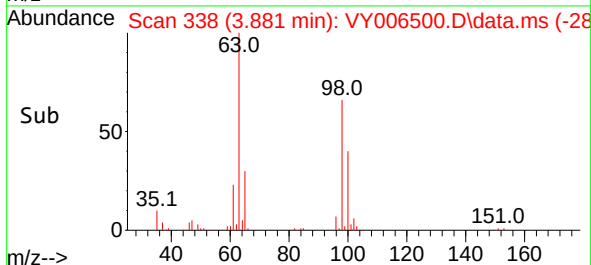
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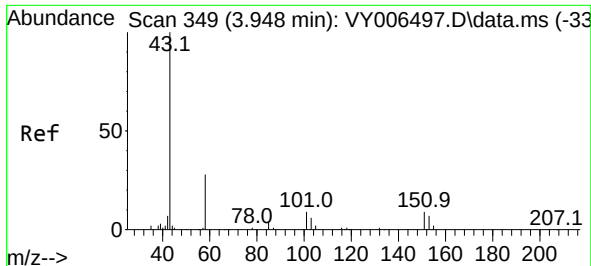


#12
1,1-Dichloroethene
Concen: 1.148 ug/L
RT: 3.881 min Scan# 338
Delta R.T. 0.000 min
Lab File: VY006500.D
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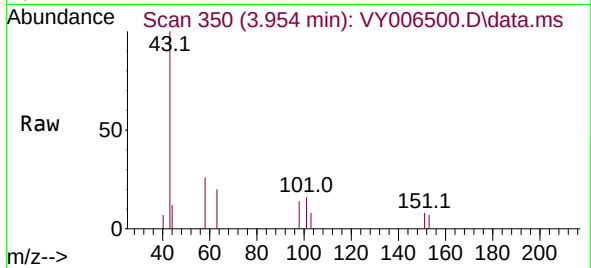
Tgt Ion: 96 Resp: 3043
Ion Ratio Lower Upper
96 100
61 326.7 121.2 225.2#
63 1430.4 86.9 161.3#





#13
Acetone
Concen: 1.655 ug/L
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY006500.D
Acq: 27 Oct 2021 16:42

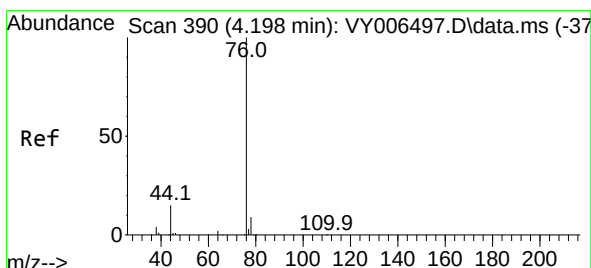
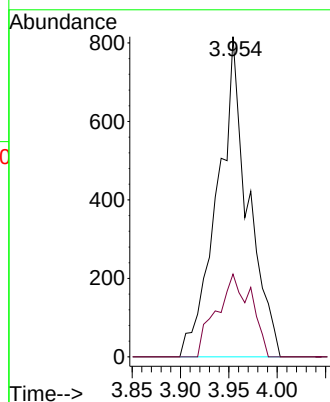
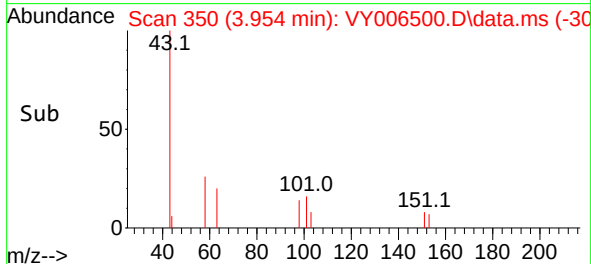
Instrument :
MSVOA_Y
ClientSampled :
MDL01



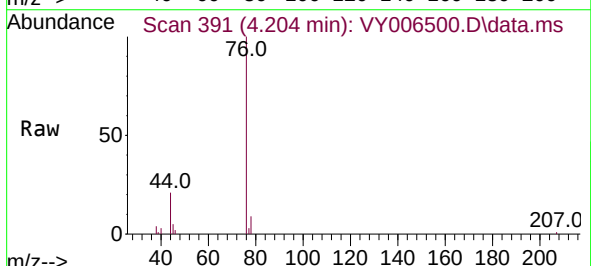
Tgt Ion: 43 Resp: 1802
Ion Ratio Lower Upper
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58 22.1 0.0 61.0

Manual Integrations
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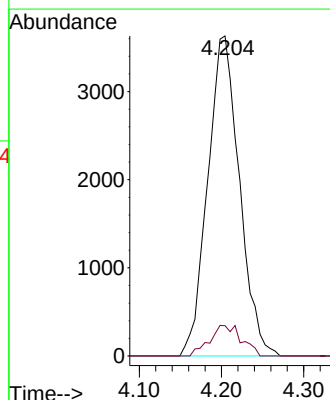
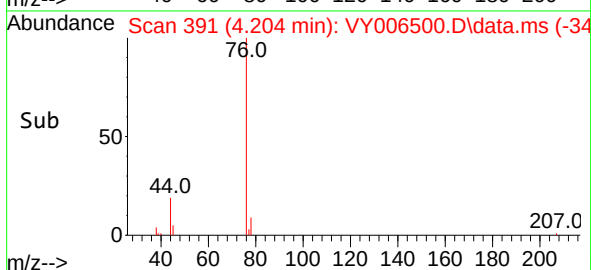
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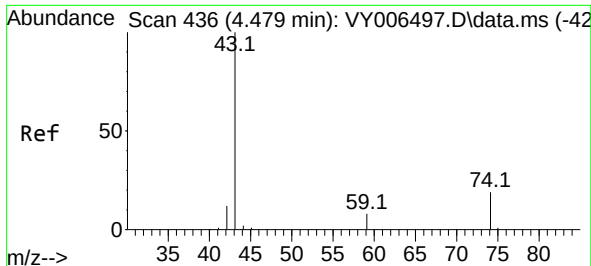


#14
Carbon disulfide
Concen: 1.014 ug/L
RT: 4.204 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY006500.D
Acq: 27 Oct 2021 16:42



Tgt Ion: 76 Resp: 9729
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.2





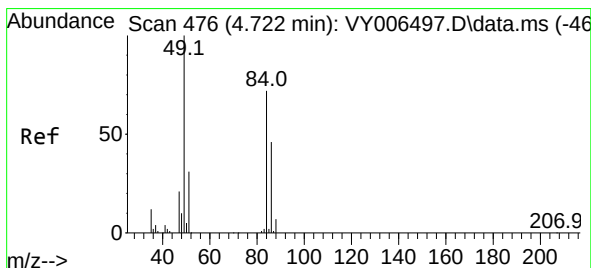
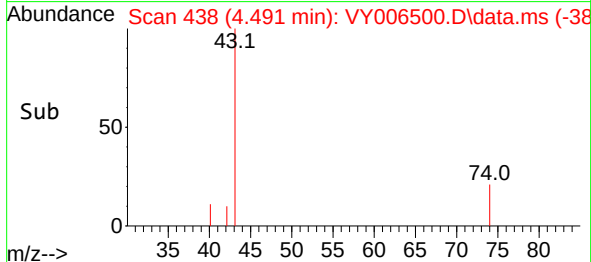
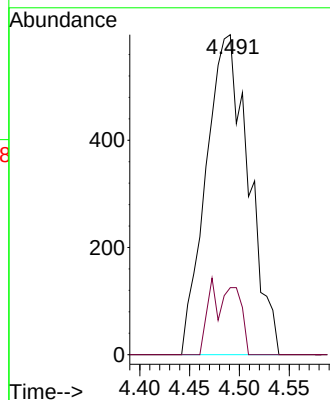
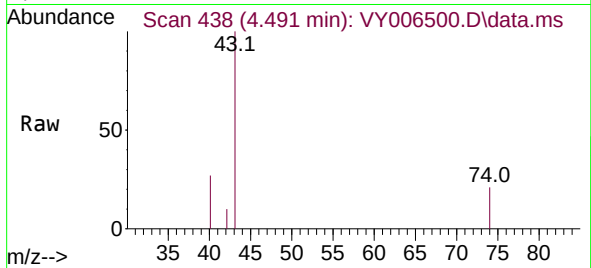
#15
Methyl Acetate
Concen: 1.040 ug/L m
RT: 4.491 min Scan# 438
Delta R.T. 0.012 min
Lab File: VY006500.D
Acq: 27 Oct 2021 16:42

Tgt Ion: 43 Resp: 1768
Ion Ratio Lower Upper
43 100
74 9.3 16.7 25.1#

Instrument :
MSVOA_Y
ClientSampled :
MDL01

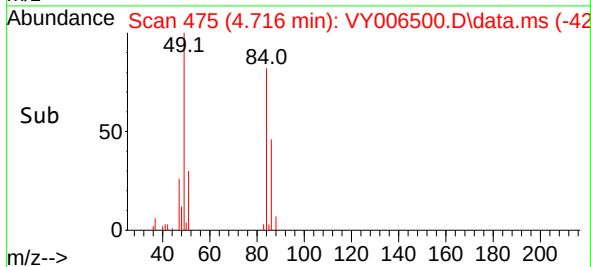
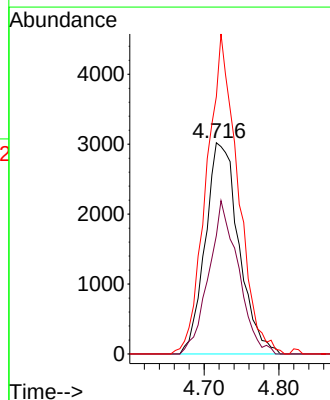
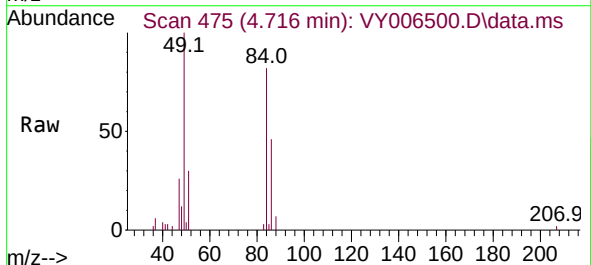
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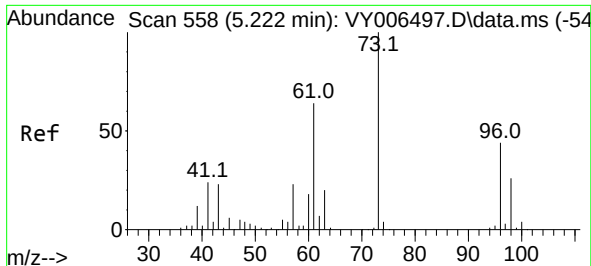
MMDadoda
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#16
Methylene chloride
Concen: 2.592 ug/L
RT: 4.716 min Scan# 475
Delta R.T. -0.006 min
Lab File: VY006500.D
Acq: 27 Oct 2021 16:42

Tgt Ion: 84 Resp: 9399
Ion Ratio Lower Upper
84 100
86 56.1 43.2 80.2
49 121.8 96.0 178.4





#17

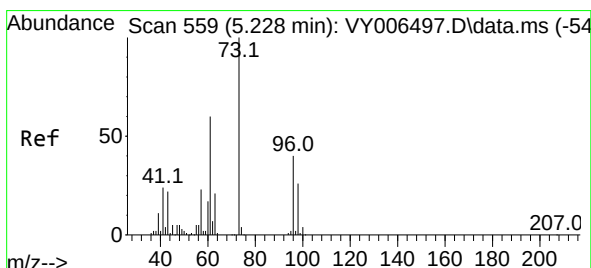
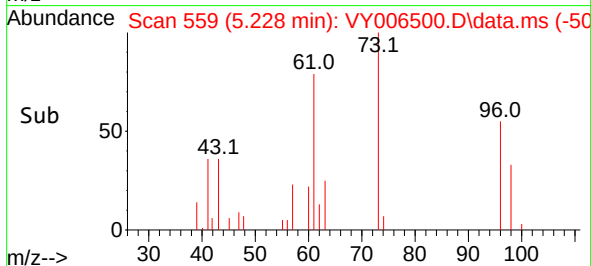
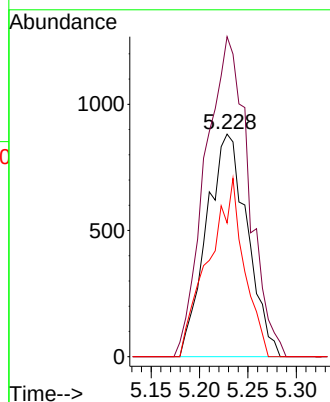
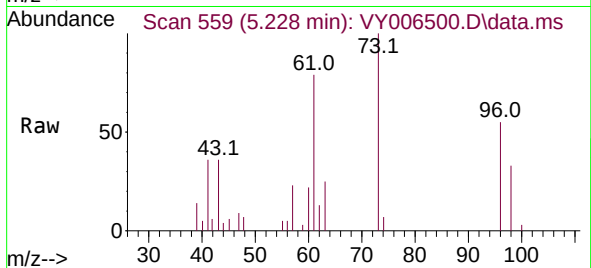
trans-1,2-Dichloroethene
Concen: 0.931 ug/L
RT: 5.228 min Scan# 559
Delta R.T. 0.006 min
Lab File: VY006500.D
Acq: 27 Oct 2021 16:42

Tgt Ion: 96 Resp: 2591
Ion Ratio Lower Upper
96 100
61 143.8 97.6 181.2
98 60.1 44.8 83.2

Instrument :
MSVOA_Y
ClientSampled :
MDL01

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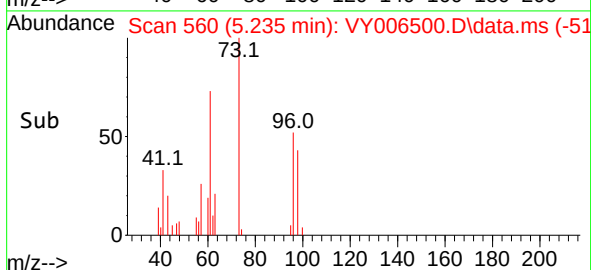
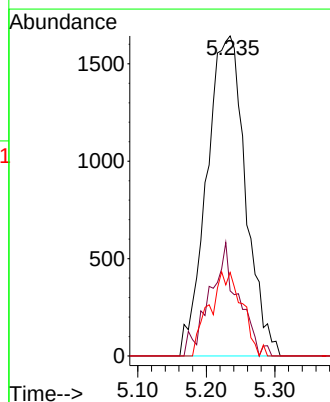
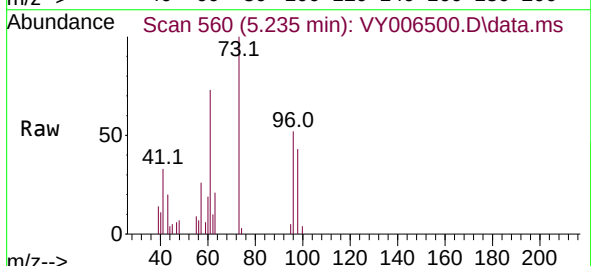
MMDadoda
10/29/2021 4:37:14 PM

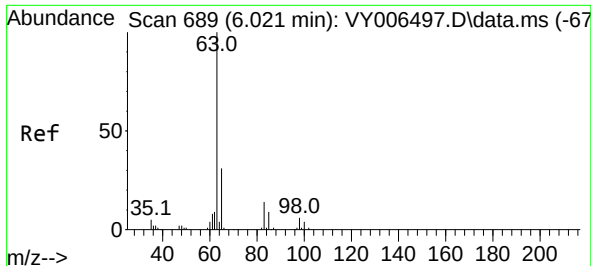


#18

Methyl tert-butyl Ether
Concen: 0.886 ug/L
RT: 5.235 min Scan# 560
Delta R.T. 0.006 min
Lab File: VY006500.D
Acq: 27 Oct 2021 16:42

Tgt Ion: 73 Resp: 6455
Ion Ratio Lower Upper
73 100
43 4.6 16.8 25.2#
57 2.9 18.7 28.1#





#19

1,1-Dichloroethane

Concen: 1.025 ug/L

RT: 6.021 min Scan# 689

Delta R.T. 0.000 min

Lab File: VY006500.D

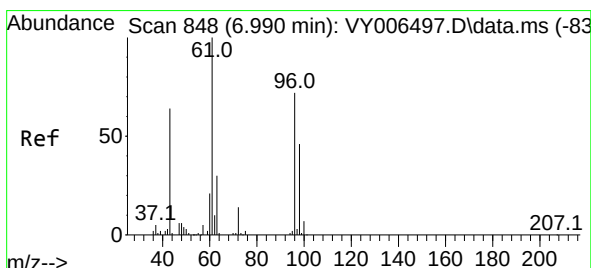
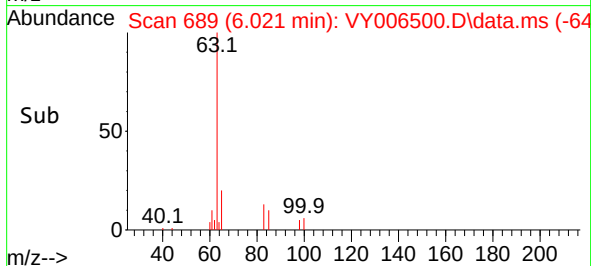
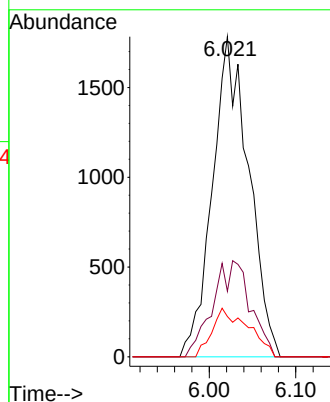
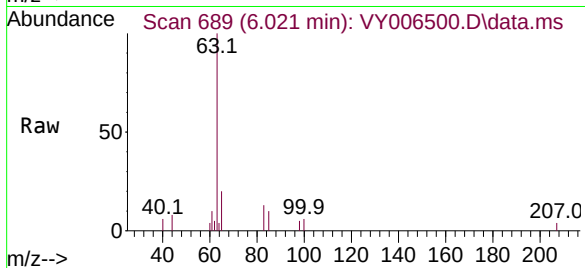
Acq: 27 Oct 2021 16:42

Tgt Ion:	63	Resp:	5172
Ion	Ratio	Lower	Upper
63	100		
65	20.5	22.4	41.6#
83	12.6	9.5	17.7

Instrument :
MSVOA_Y
ClientSampled :
MDL01

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#20

cis-1,2-Dichloroethene

Concen: 0.919 ug/L

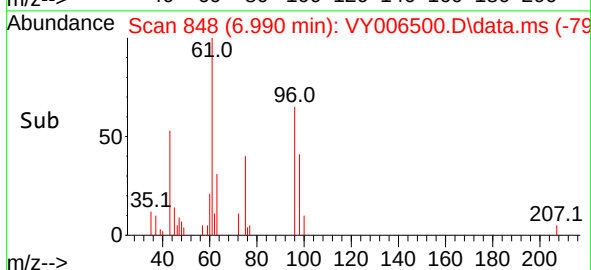
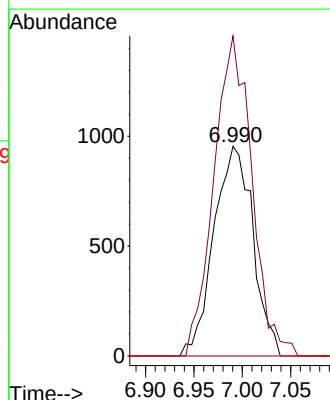
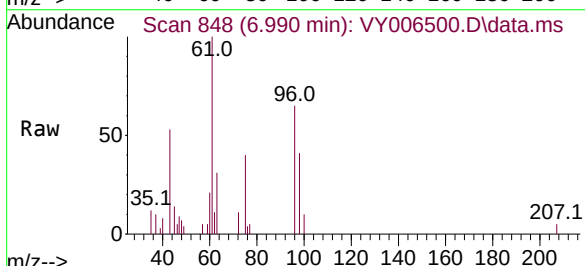
RT: 6.990 min Scan# 848

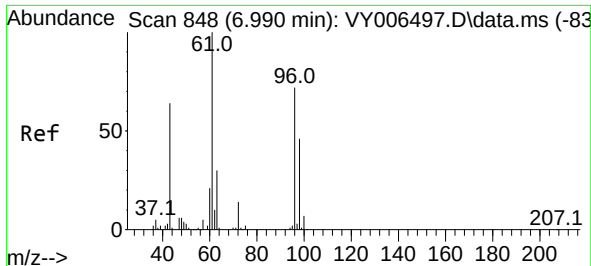
Delta R.T. 0.000 min

Lab File: VY006500.D

Acq: 27 Oct 2021 16:42

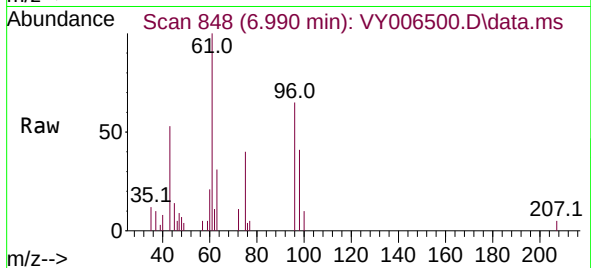
Tgt Ion:	96	Resp:	2681
Ion	Ratio	Lower	Upper
96	100		
61	152.7	94.8	176.2
68	0.0	0.0	0.0





#22
2-Butanone
Concen: 1.758 ug/L
RT: 6.990 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY006500.D
Acq: 27 Oct 2021 16:42

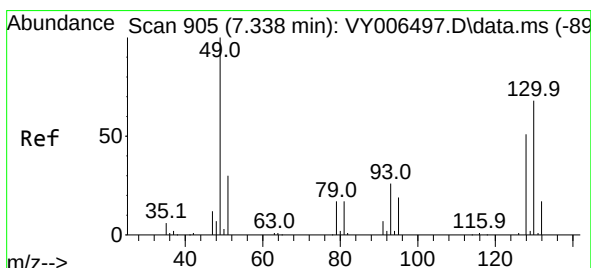
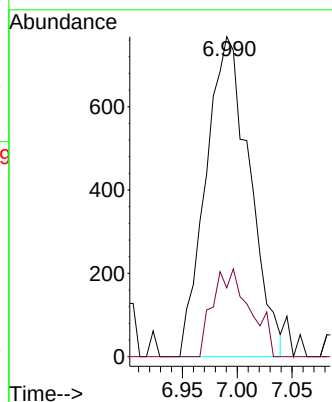
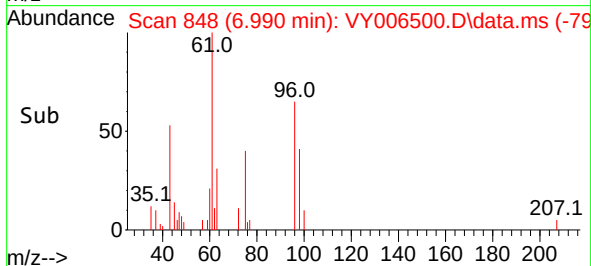
Instrument :
MSVOA_Y
ClientSampled :
MDL01



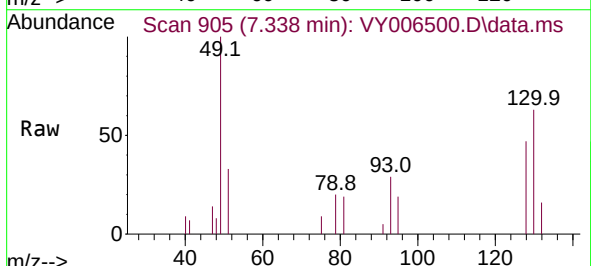
Tgt Ion: 43 Resp: 2130
Ion Ratio Lower Upper
43 100
72 21.5 12.2 36.6

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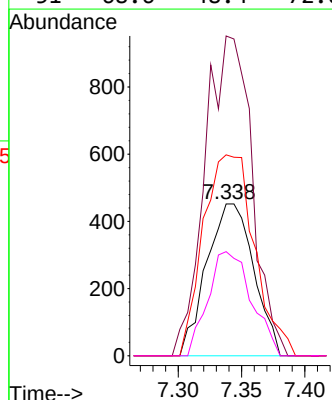
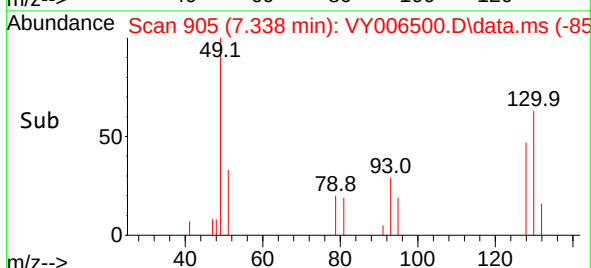
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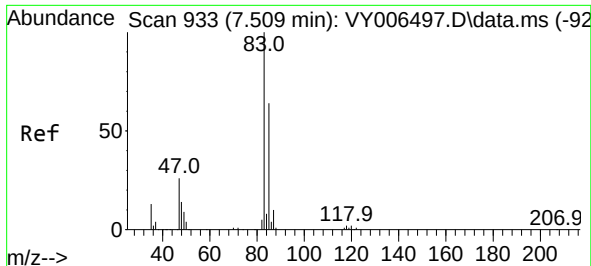


#23
Bromochloromethane
Concen: 0.882 ug/L
RT: 7.338 min Scan# 905
Delta R.T. 0.000 min
Lab File: VY006500.D
Acq: 27 Oct 2021 16:42



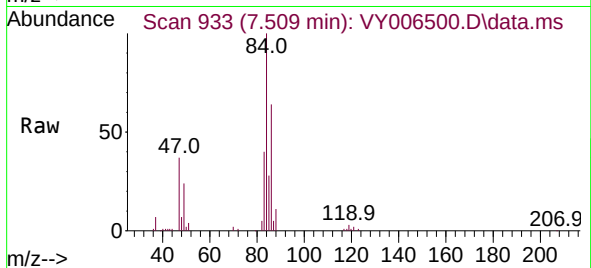
Tgt Ion: 128 Resp: 1170
Ion Ratio Lower Upper
128 100
49 210.6 138.9 258.1
130 132.3 88.3 164.1
51 68.6 48.4 72.6



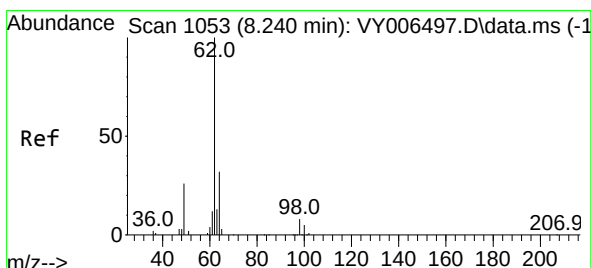
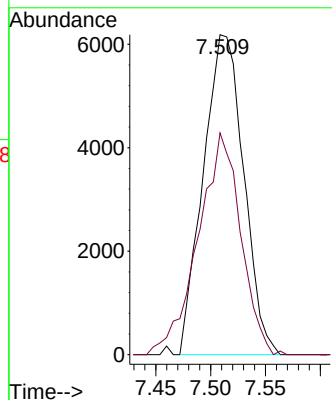
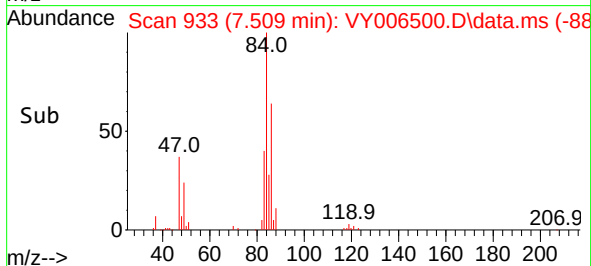


#25
Chloroform
Concen: 2.874 ug/L
RT: 7.509 min Scan# 933
Delta R.T. 0.000 min
Lab File: VY006500.D
Acq: 27 Oct 2021 16:42

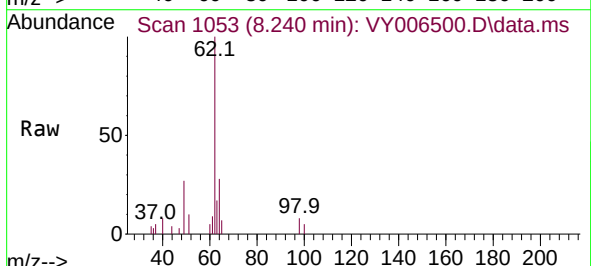
Instrument :
MSVOA_Y
ClientSampled :
MDL01



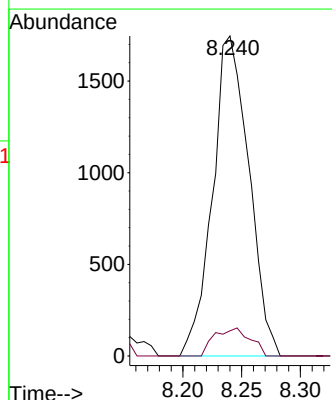
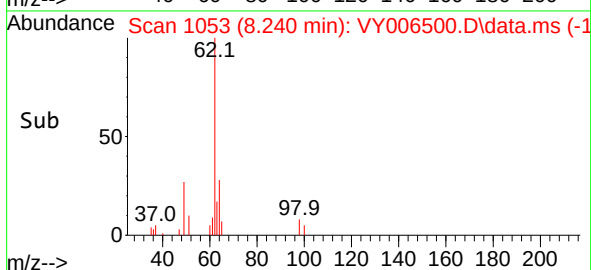
Tgt Ion: 83 Resp: 15880
Ion Ratio Lower Upper
83 100
85 69.3 45.4 84.4

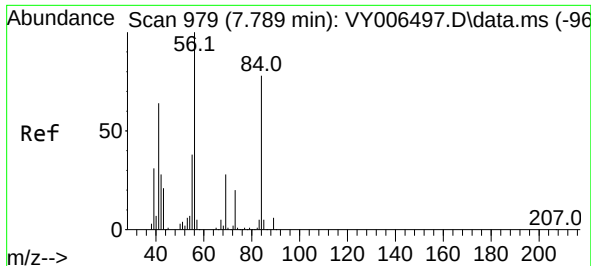


#27
1,2-Dichloroethane
Concen: 0.957 ug/L
RT: 8.240 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VY006500.D
Acq: 27 Oct 2021 16:42



Tgt Ion: 62 Resp: 3759
Ion Ratio Lower Upper
62 100
98 7.8 7.5 11.3





#29

Cyclohexane

Concen: 0.913 ug/L

RT: 7.789 min Scan# 979

Delta R.T. 0.000 min

Lab File: VY006500.D

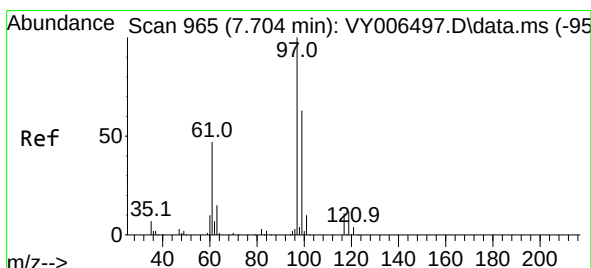
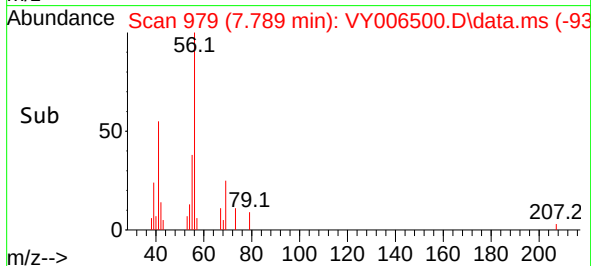
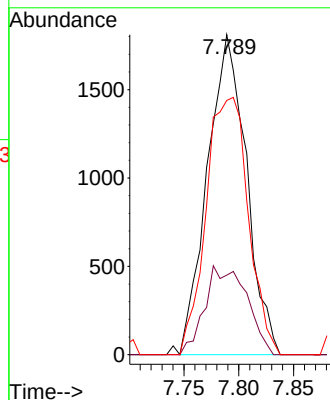
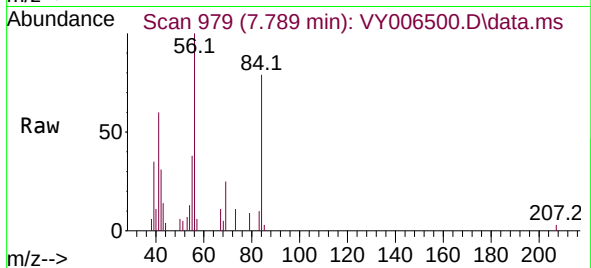
Acq: 27 Oct 2021 16:42

Tgt Ion:	56	Resp:	4480
Ion	Ratio	Lower	Upper
56	100		
69	12.8	22.6	33.8#
84	87.2	66.1	99.1

Instrument :
MSVOA_Y
ClientSampled :
MDL01

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#30

1,1,1-Trichloroethane

Concen: 1.030 ug/L

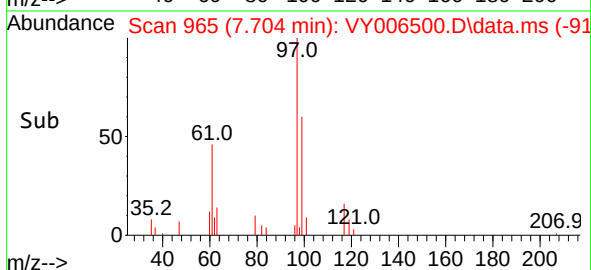
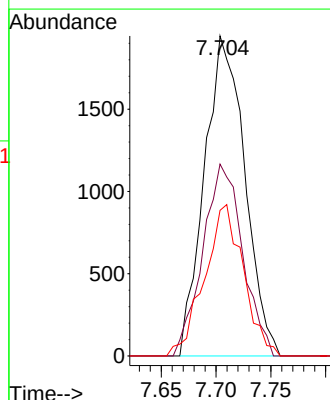
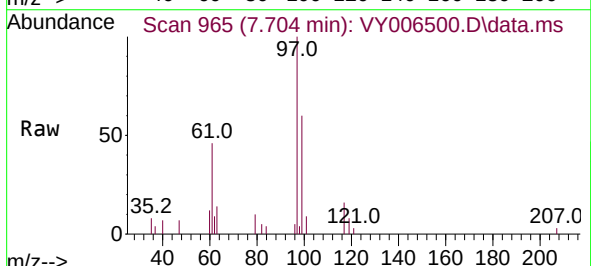
RT: 7.704 min Scan# 965

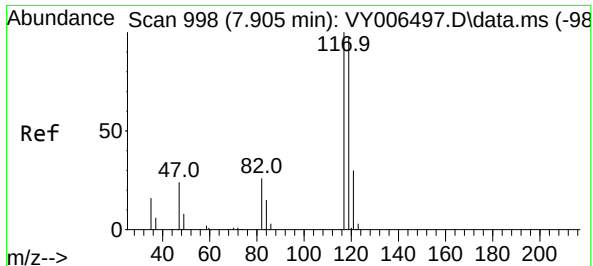
Delta R.T. 0.000 min

Lab File: VY006500.D

Acq: 27 Oct 2021 16:42

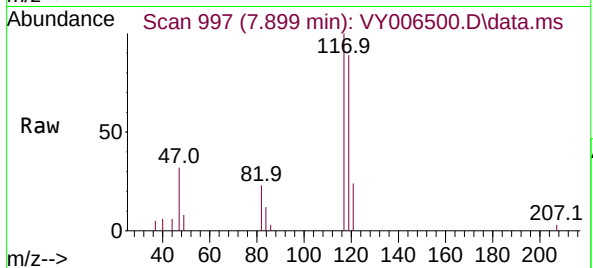
Tgt Ion:	97	Resp:	4986
Ion	Ratio	Lower	Upper
97	100		
99	59.3	51.8	77.6
61	45.5	37.3	55.9





#31
Carbon tetrachloride
Concen: 0.970 ug/L
RT: 7.899 min Scan# 997
Delta R.T. -0.006 min
Lab File: VY006500.D
Acq: 27 Oct 2021 16:42

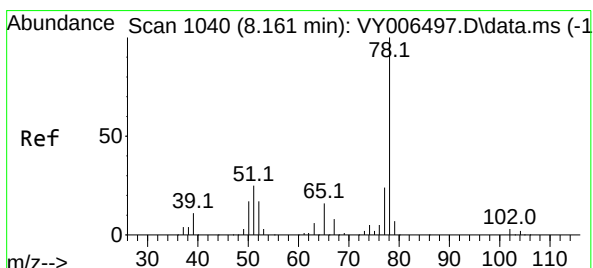
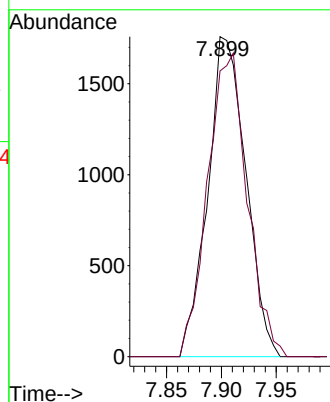
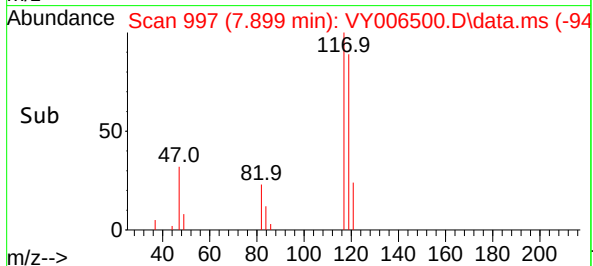
Instrument :
MSVOA_Y
ClientSampled :
MDL01



Tgt Ion:117 Resp: 4251
Ion Ratio Lower Upper
117 100
119 98.4 76.2 114.2

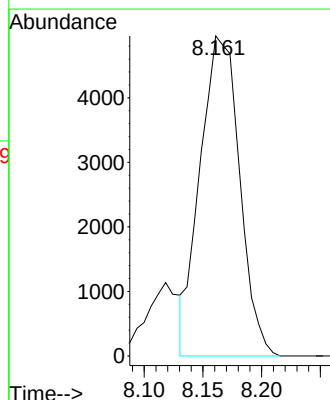
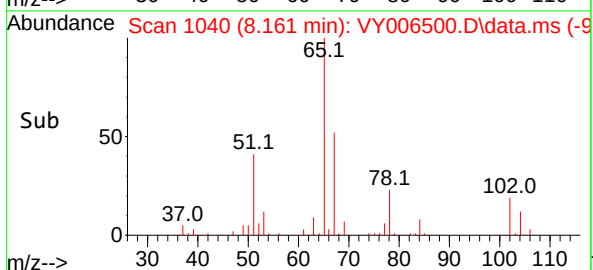
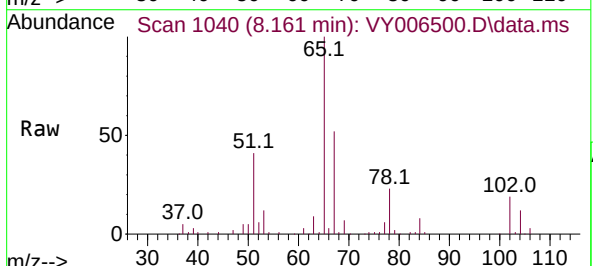
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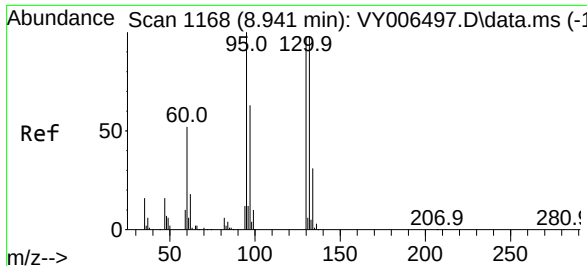
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#33
Benzene
Concen: 0.994 ug/L
RT: 8.161 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY006500.D
Acq: 27 Oct 2021 16:42

Tgt Ion: 78 Resp: 11575





#34

Trichloroethene

Concen: 1.053 ug/L

RT: 8.941 min Scan# 1168

Delta R.T. 0.000 min

Lab File: VY006500.D

Acq: 27 Oct 2021 16:42

Tgt Ion: 95 Resp: 3116

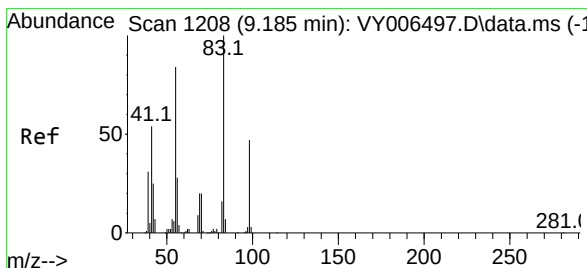
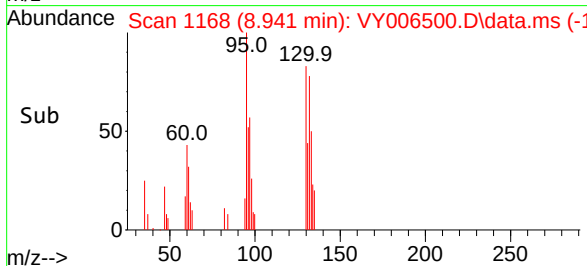
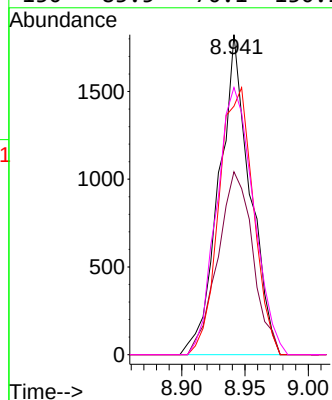
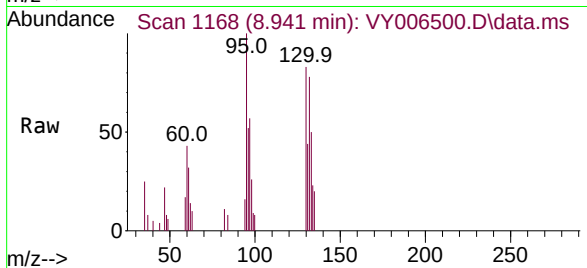
Ion Ratio Lower Upper

95 100

97 57.1 44.2 82.2

132 77.6 66.8 124.0

130 83.5 70.1 130.1



#35

Methylcyclohexane

Concen: 0.843 ug/L

RT: 9.185 min Scan# 1208

Delta R.T. 0.000 min

Lab File: VY006500.D

Acq: 27 Oct 2021 16:42

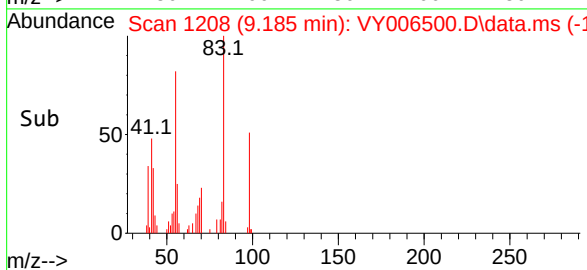
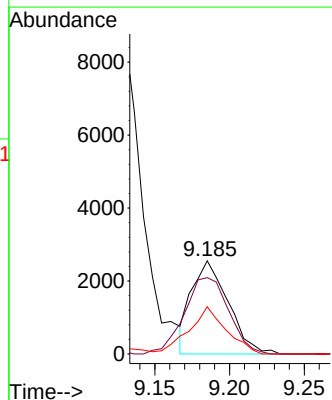
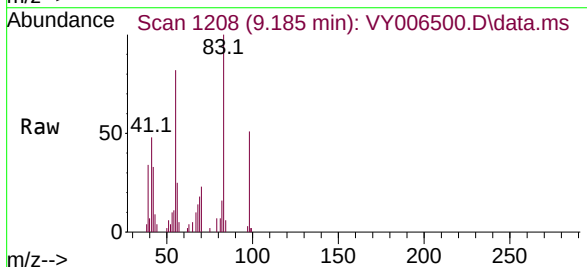
Tgt Ion: 83 Resp: 4353

Ion Ratio Lower Upper

83 100

55 99.4 63.9 95.9

98 51.5 38.7 58.1



Instrument :

MSVOA_Y

ClientSampled :

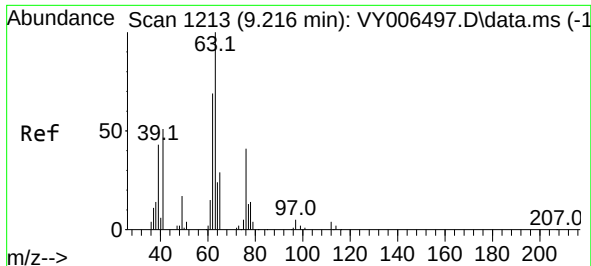
MDL01

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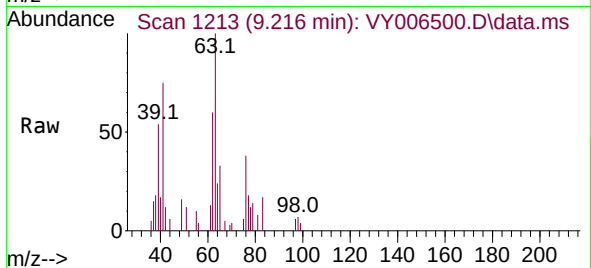
MMDadoda

10/29/2021 4:37:14 PM



#37
1,2-Dichloropropane
Concen: 1.056 ug/L
RT: 9.216 min Scan# 1213
Delta R.T. 0.000 min
Lab File: VY006500.D
Acq: 27 Oct 2021 16:42

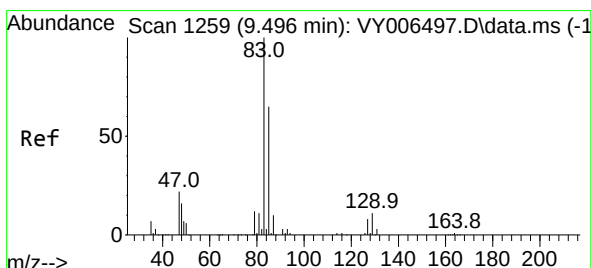
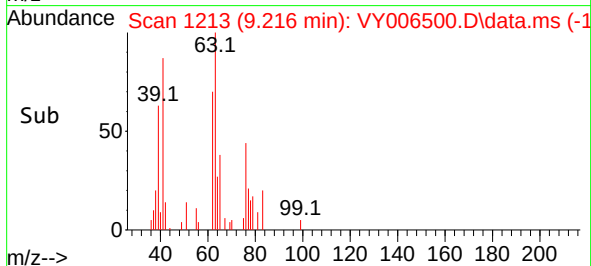
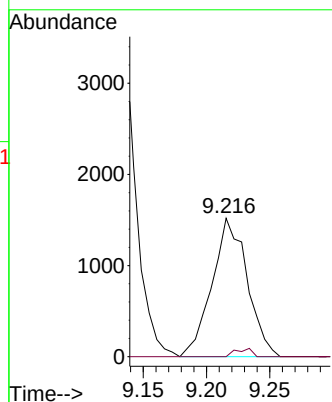
Instrument :
MSVOA_Y
ClientSampled :
MDL01



Tgt Ion: 63 Resp: 2943
Ion Ratio Lower Upper
63 100
112 2.8 3.1 4.7#

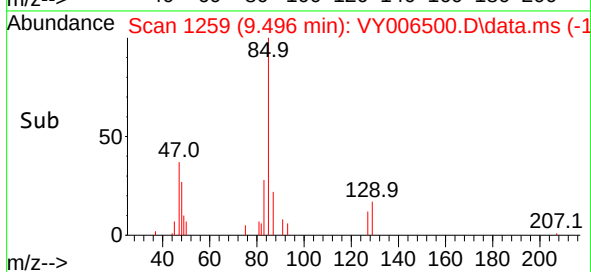
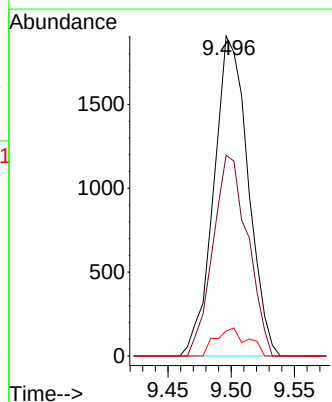
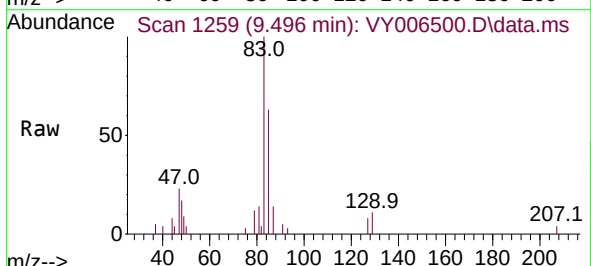
Manual Integrations
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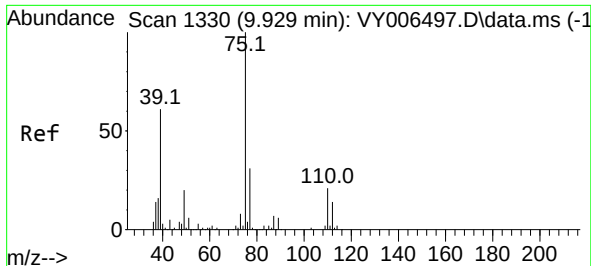
MMDadoda
10/29/2021 4:37:14 PM



#38
Bromodichloromethane
Concen: 0.939 ug/L
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY006500.D
Acq: 27 Oct 2021 16:42

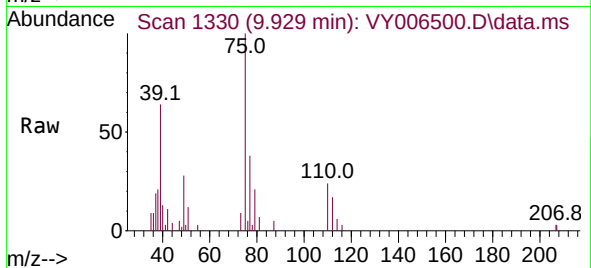
Tgt Ion: 83 Resp: 3589
Ion Ratio Lower Upper
83 100
85 62.7 44.1 81.9
127 7.8 6.9 10.3





#39
 cis-1,3-Dichloropropene
 Concen: 0.923 ug/L
 RT: 9.929 min Scan# 1330
 Delta R.T. 0.000 min
 Lab File: VY006500.D
 Acq: 27 Oct 2021 16:42

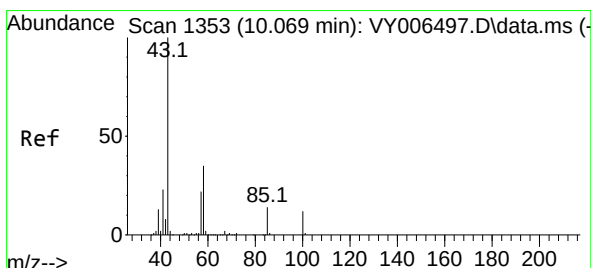
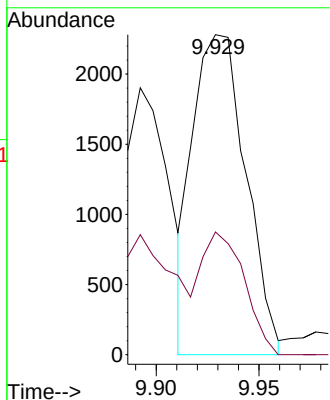
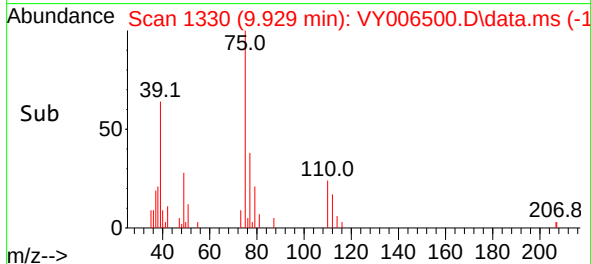
Instrument :
 MSVOA_Y
 ClientSampled :
 MDL01



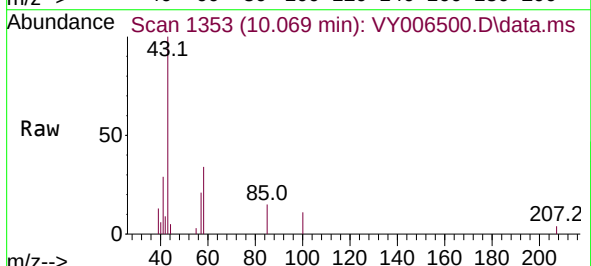
Tgt Ion: 75 Resp: 4087
 Ion Ratio Lower Upper
 75 100
 77 38.4 22.3 41.3

Manual Integrations
 APPROVED

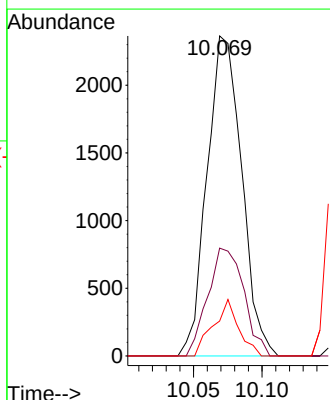
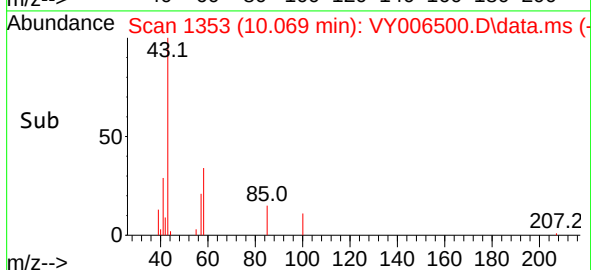
MMDadoda
 10/29/2021 4:37:14 PM

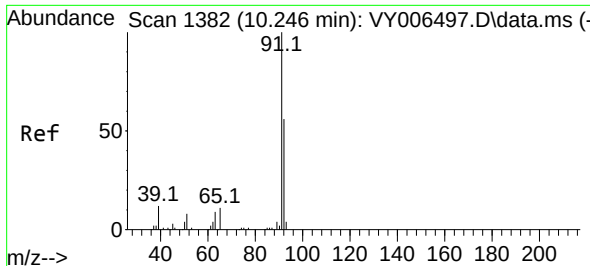


#40
 4-Methyl-2-pentanone
 Concen: 1.861 ug/L
 RT: 10.069 min Scan# 1353
 Delta R.T. 0.000 min
 Lab File: VY006500.D
 Acq: 27 Oct 2021 16:42



Tgt Ion: 43 Resp: 4159
 Ion Ratio Lower Upper
 43 100
 58 35.0 28.5 42.7
 100 12.9 10.4 15.6





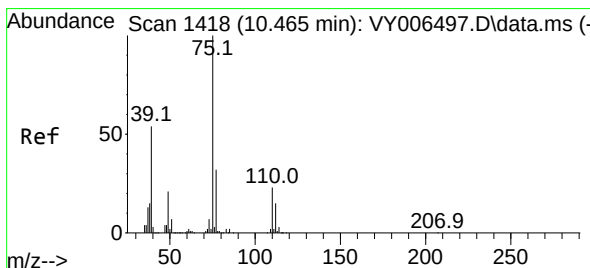
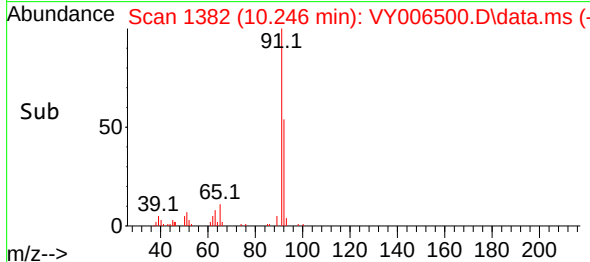
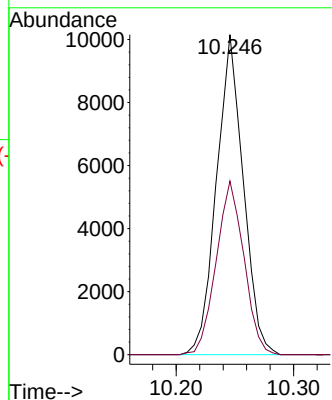
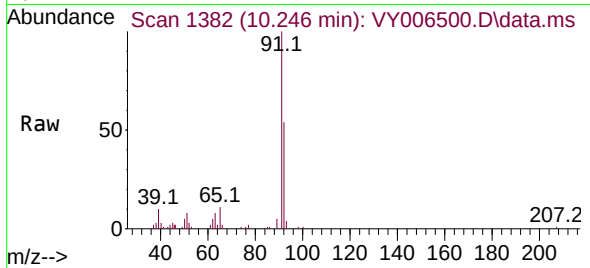
#42
Toluene
Concen: 1.277 ug/L
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY006500.D
Acq: 27 Oct 2021 16:42

Tgt Ion: 91 Resp: 16083
Ion Ratio Lower Upper
91 100
92 54.2 40.5 75.1

Instrument :
MSVOA_Y
ClientSampled :
MDL01

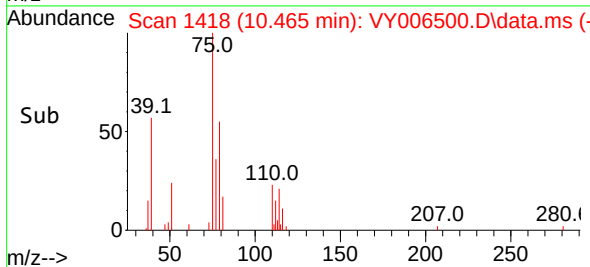
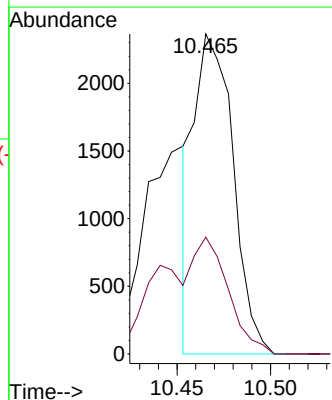
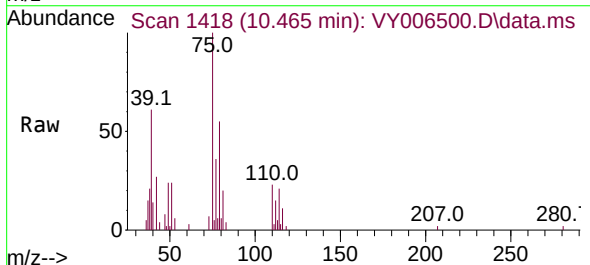
Manual Integrations
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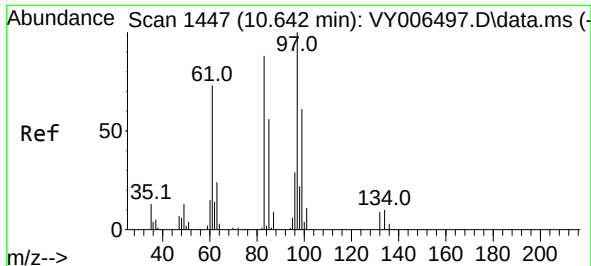
MMDadoda
10/29/2021 4:37:14 PM



#44
trans-1,3-Dichloropropene
Concen: 0.817 ug/L m
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY006500.D
Acq: 27 Oct 2021 16:42

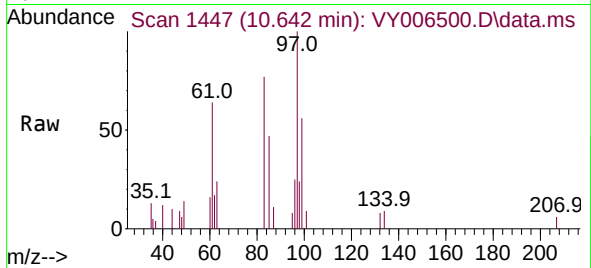
Tgt Ion: 75 Resp: 3417
Ion Ratio Lower Upper
75 100
77 36.5 21.8 40.4





#45
1,1,2-Trichloroethane
Concen: 0.951 ug/L
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY006500.D
Acq: 27 Oct 2021 16:42

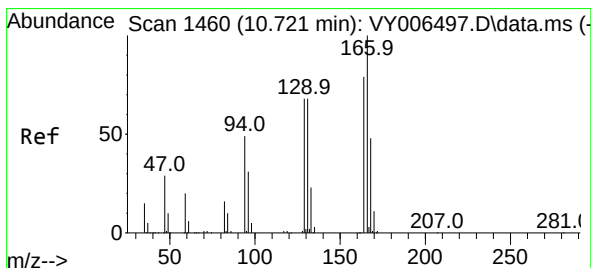
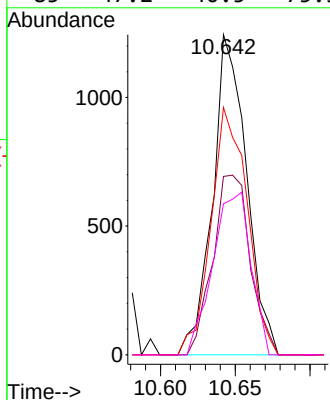
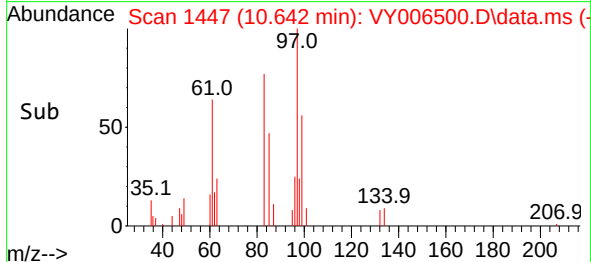
Instrument :
MSVOA_Y
ClientSampled :
MDL01



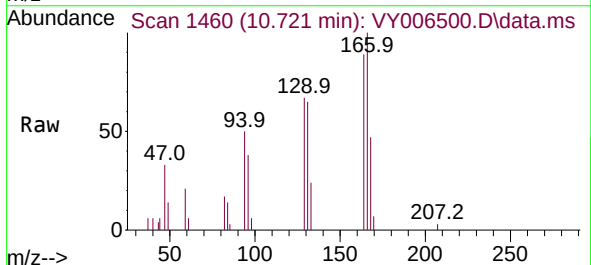
Tgt Ion:	97	Resp:	1958
Ion	Ratio	Lower	Upper
97	100		
99	55.7	44.2	82.0
83	77.3	61.1	113.5
85	47.2	40.5	75.3

Manual Integrations
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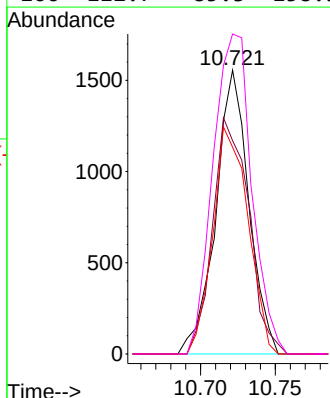
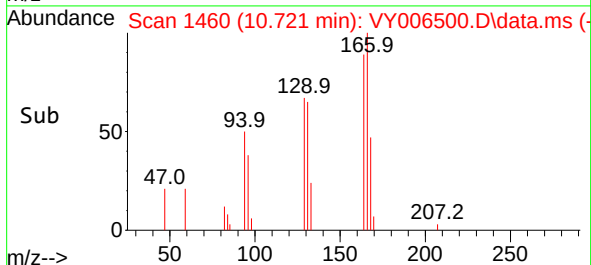
MMDadoda
10/29/2021 4:37:14 PM

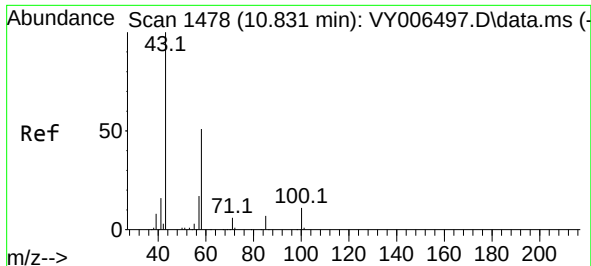


#46
Tetrachloroethene
Concen: 0.979 ug/L
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY006500.D
Acq: 27 Oct 2021 16:42

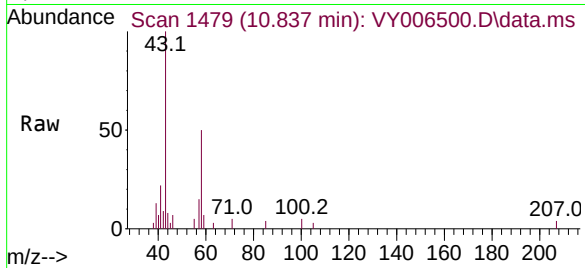


Tgt Ion:	164	Resp:	2390
Ion	Ratio	Lower	Upper
164	100		
129	75.1	65.9	122.3
131	72.8	61.9	115.1
166	112.7	85.3	158.3

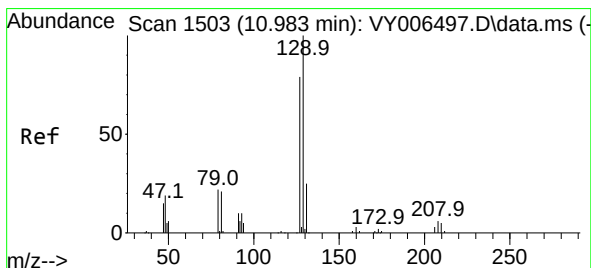
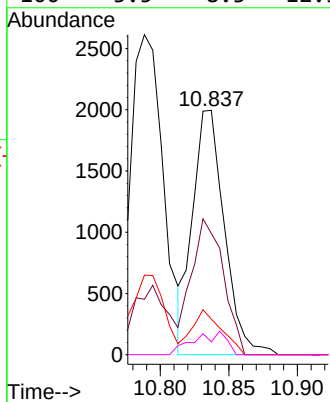
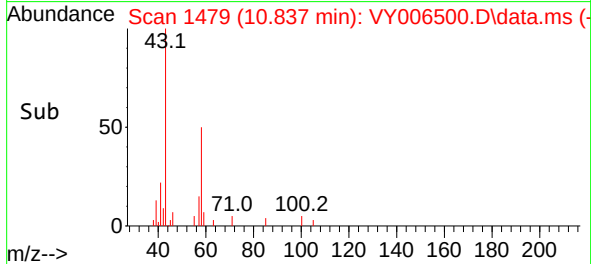




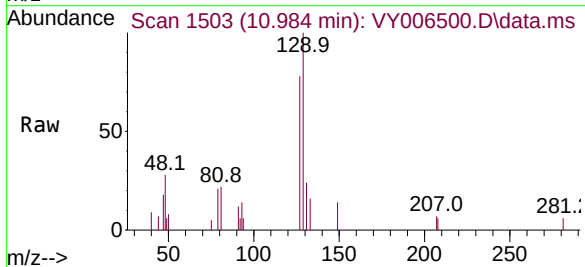
#48
2-Hexanone
Concen: 1.852 ug/L
RT: 10.837 min Scan# 1479
Delta R.T. 0.006 min
Lab File: VY006500.D
Acq: 27 Oct 2021 16:42



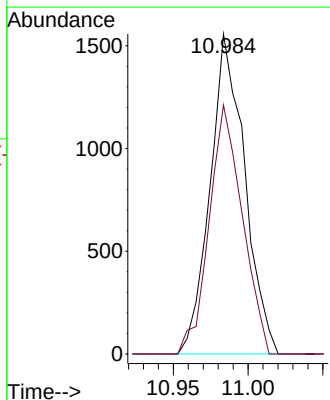
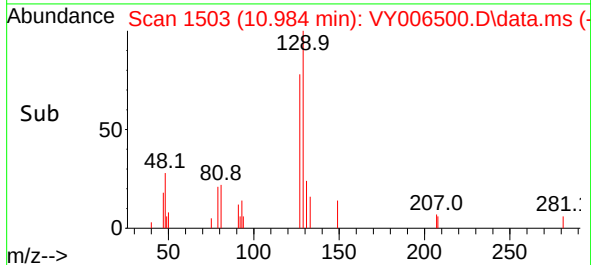
Tgt Ion: 43 Resp: 3230
Ion Ratio Lower Upper
43 100
58 0.0 41.1 61.7#
57 0.0 13.8 20.6#
100 3.5 8.3 12.5#



#49
Dibromochloromethane
Concen: 0.969 ug/L
RT: 10.984 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY006500.D
Acq: 27 Oct 2021 16:42



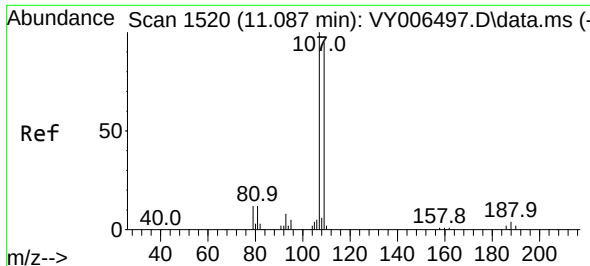
Tgt Ion: 129 Resp: 2503
Ion Ratio Lower Upper
129 100
127 77.8 52.8 98.0



Instrument :
MSVOA_Y
ClientSampled :
MDL01

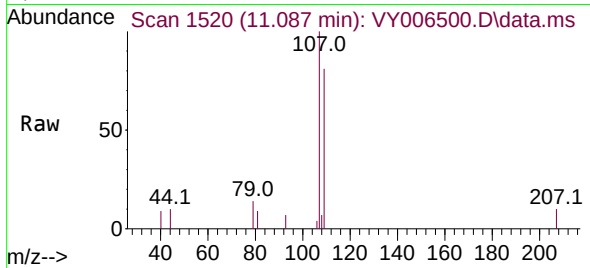
Manual Integrations
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#50
1,2-Dibromoethane
Concen: 0.993 ug/L
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY006500.D
Acq: 27 Oct 2021 16:42

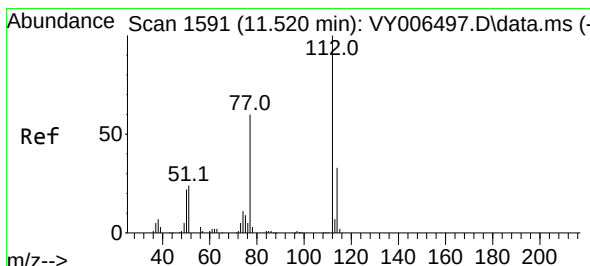
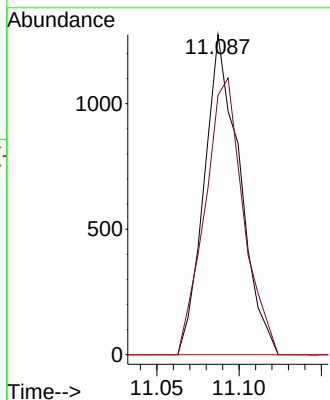
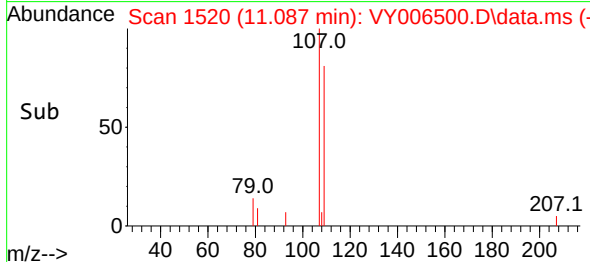
Instrument :
MSVOA_Y
ClientSampled :
MDL01



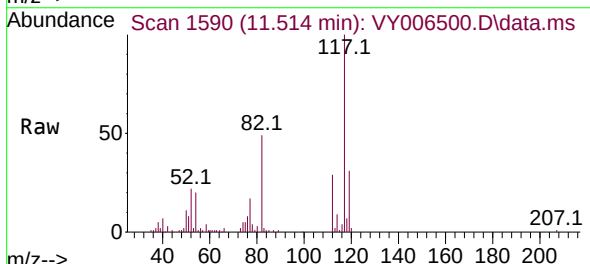
Tgt Ion:107 Resp: 1906
Ion Ratio Lower Upper
107 100
109 81.1 65.7 121.9
188 0.0 2.8 4.2#

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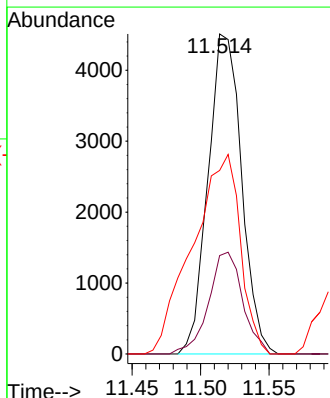
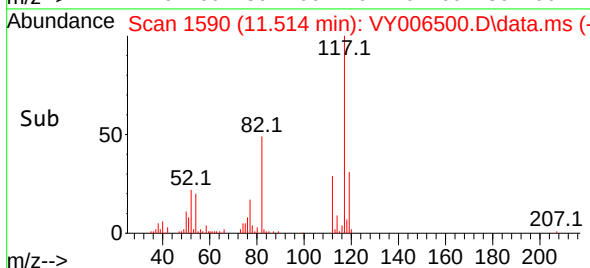
MMDadoda
10/29/2021 4:37:14 PM

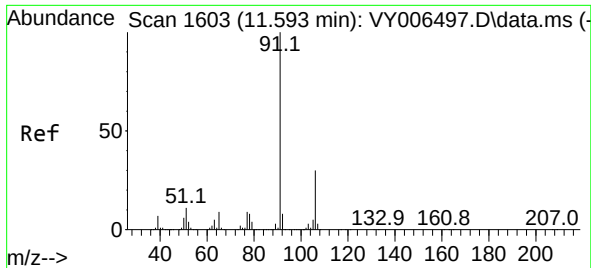


#51
Chlorobenzene
Concen: 1.008 ug/L
RT: 11.514 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY006500.D
Acq: 27 Oct 2021 16:42



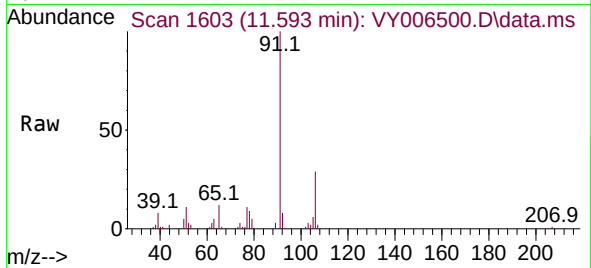
Tgt Ion:112 Resp: 7683
Ion Ratio Lower Upper
112 100
114 30.7 22.3 41.5
77 57.3 46.5 69.7





#52
Ethylbenzene
Concen: 0.943 ug/L
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY006500.D
Acq: 27 Oct 2021 16:42

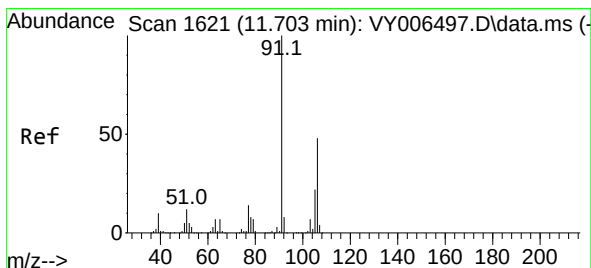
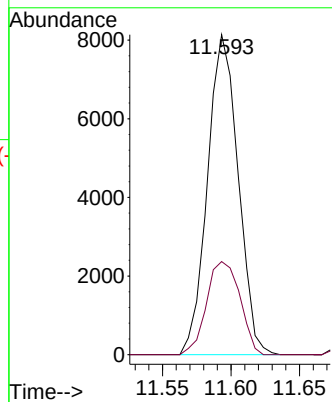
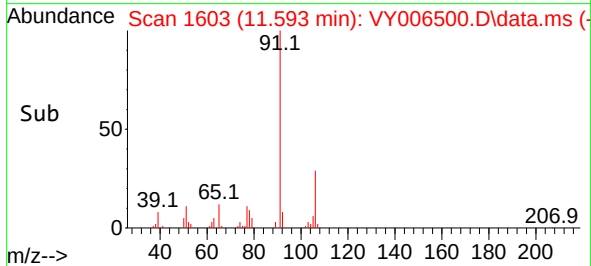
Instrument :
MSVOA_Y
ClientSampleId :
MDL01



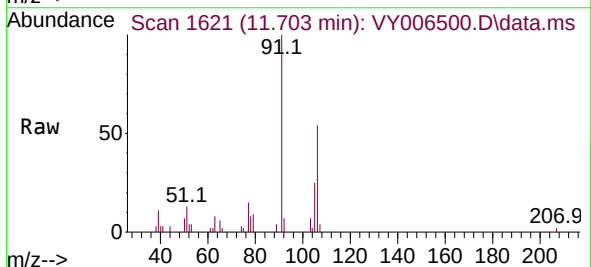
Tgt Ion: 91 Resp: 12668
Ion Ratio Lower Upper
91 100
106 29.1 21.2 39.4

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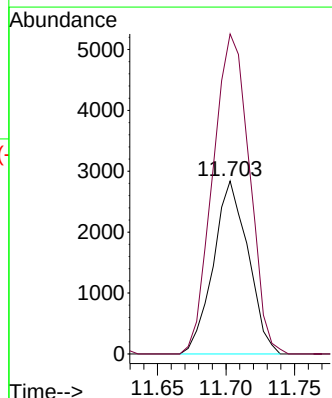
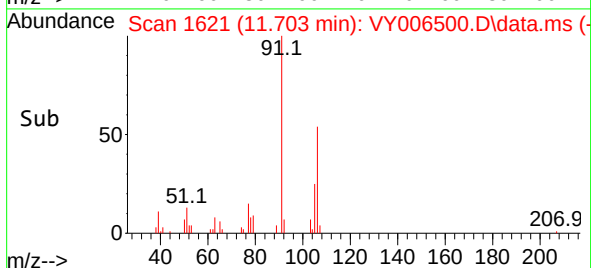
MMDadoda
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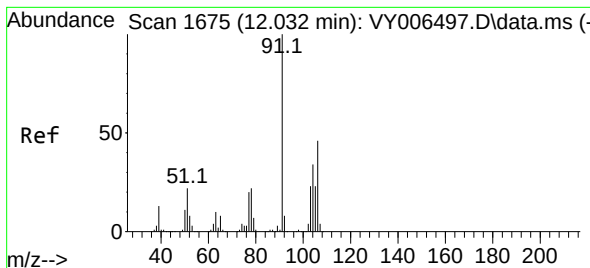


#53
m,p-Xylene
Concen: 0.977 ug/L
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY006500.D
Acq: 27 Oct 2021 16:42



Tgt Ion: 106 Resp: 5021
Ion Ratio Lower Upper
106 100
91 185.1 145.7 270.5





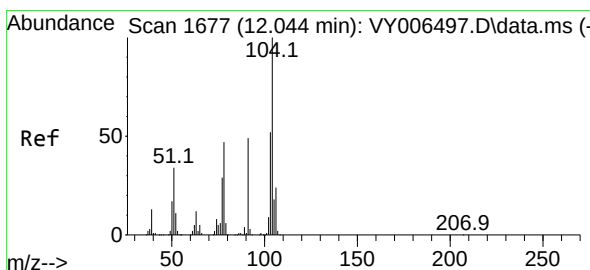
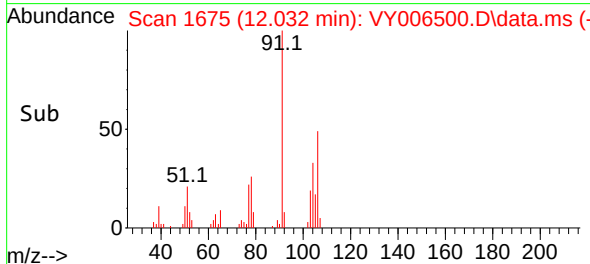
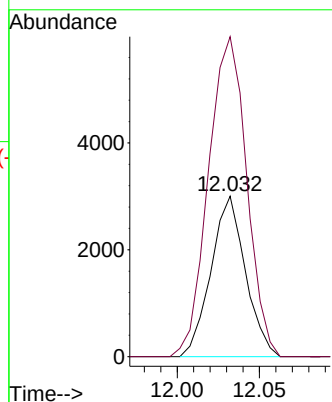
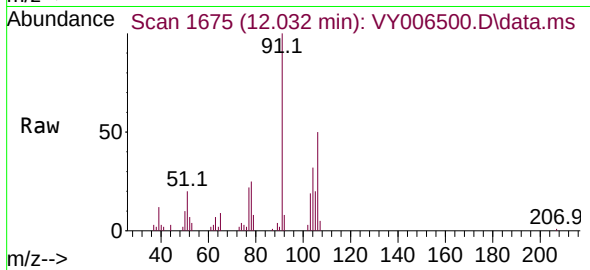
#54
o-Xylene
Concen: 0.888 ug/L
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY006500.D
Acq: 27 Oct 2021 16:42

Tgt Ion:106 Resp: 4376
Ion Ratio Lower Upper
106 100
91 199.5 150.6 279.6

Instrument :
MSVOA_Y
ClientSampleId :
MDL01

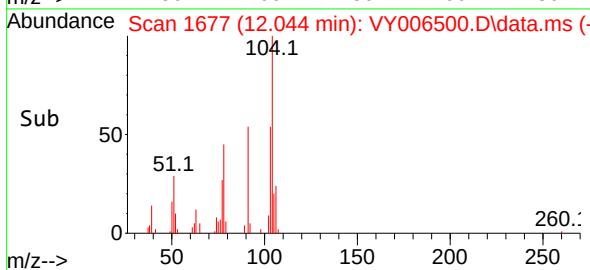
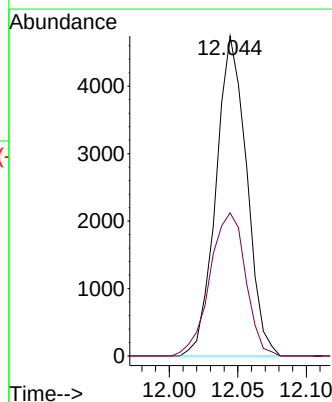
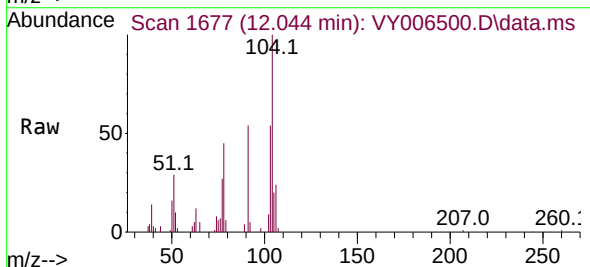
Manual Integrations
APPROVED

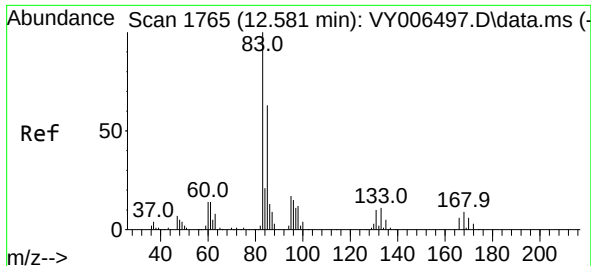
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#55
Styrene
Concen: 0.858 ug/L
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY006500.D
Acq: 27 Oct 2021 16:42

Tgt Ion:104 Resp: 7370
Ion Ratio Lower Upper
104 100
78 44.7 31.8 59.0





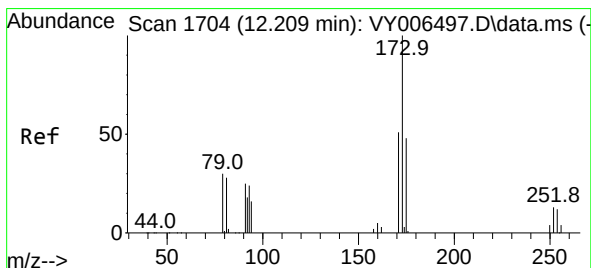
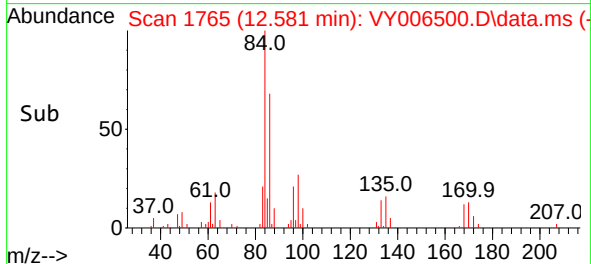
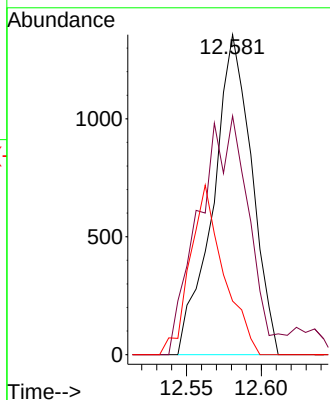
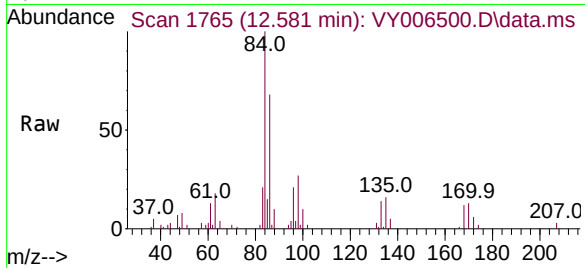
#57
1,1,2,2-Tetrachloroethane
Concen: 1.086 ug/L
RT: 12.581 min Scan# 1765
Delta R.T. 0.000 min
Lab File: VY006500.D
Acq: 27 Oct 2021 16:42

Tgt Ion:	83	Resp:	2437
Ion Ratio	Lower	Upper	
83	100		
85	74.6	45.0	83.6
131	16.7	6.9	10.3#

Instrument :
MSVOA_Y
ClientSampled :
MDL01

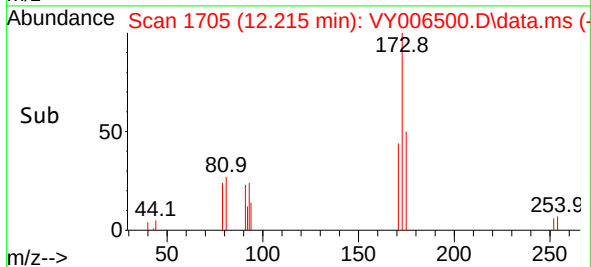
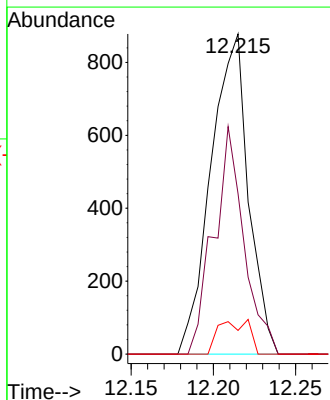
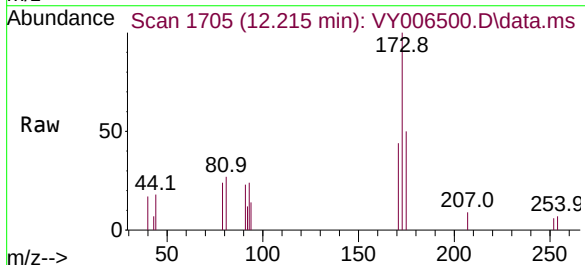
Manual Integrations
APPROVED

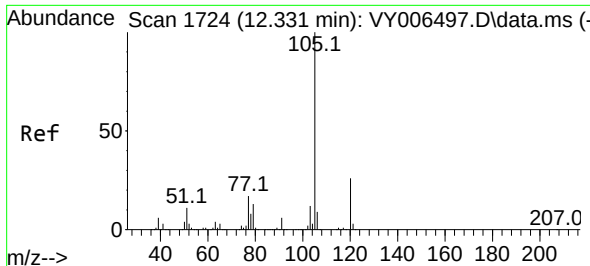
MMDadoda
10/29/2021 4:37:14 PM



#59
Bromoform
Concen: 0.895 ug/L
RT: 12.215 min Scan# 1705
Delta R.T. 0.006 min
Lab File: VY006500.D
Acq: 27 Oct 2021 16:42

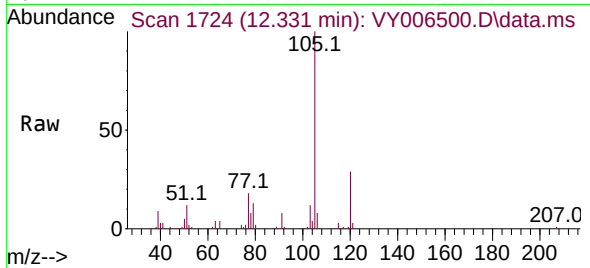
Tgt Ion:	173	Resp:	1394
Ion Ratio	Lower	Upper	
173	100		
175	0.0	38.8	58.2#
254	2.5	7.3	10.9#





#60
Isopropylbenzene
Concen: 0.952 ug/L
RT: 12.331 min Scan# 1724
Delta R.T. 0.000 min
Lab File: VY006500.D
Acq: 27 Oct 2021 16:42

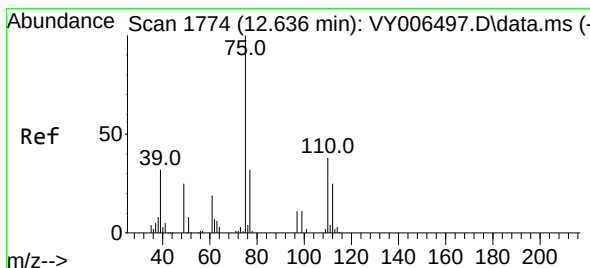
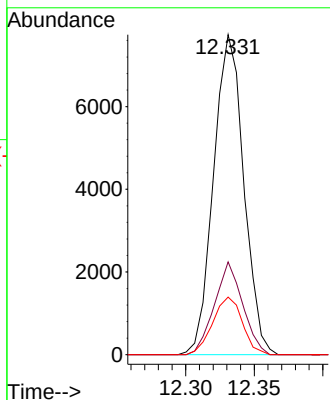
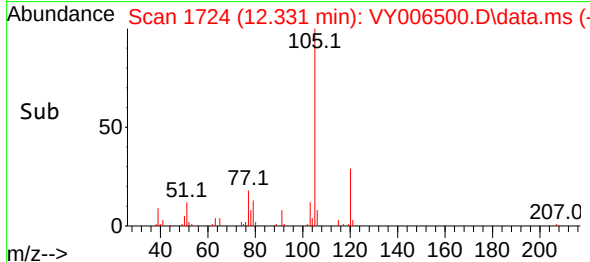
Instrument :
MSVOA_Y
ClientSampled :
MDL01



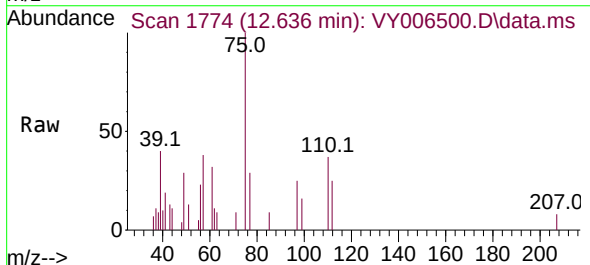
Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.1	21.0	31.6
77	17.7	12.7	19.1

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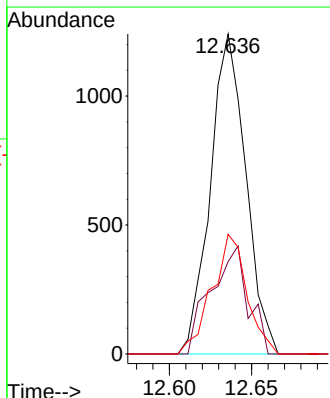
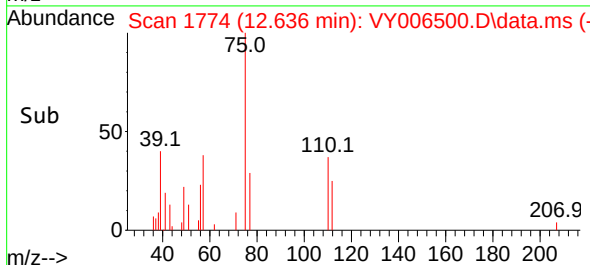
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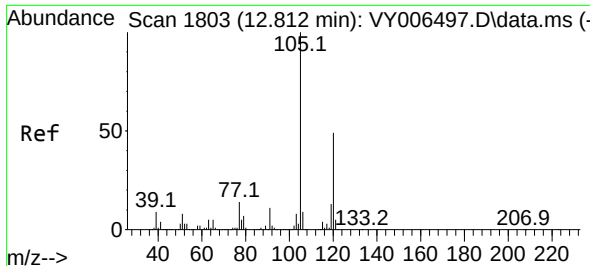


#61
1,2,3-Trichloropropane
Concen: 1.031 ug/L
RT: 12.636 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VY006500.D
Acq: 27 Oct 2021 16:42



Tgt Ion	Ratio	Lower	Upper
75	100		
77	35.5	25.7	38.5
110	36.8	30.8	46.2





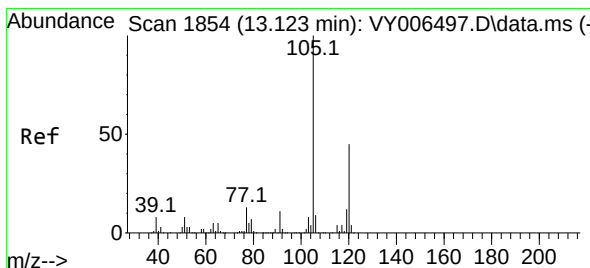
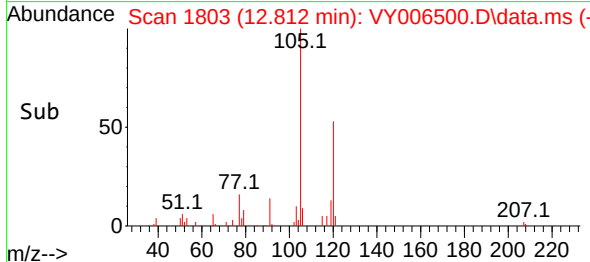
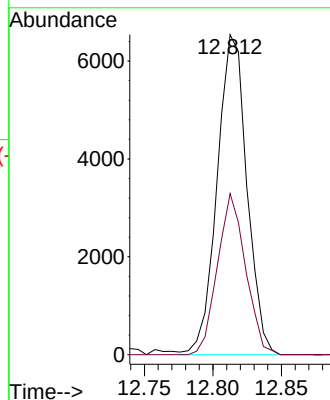
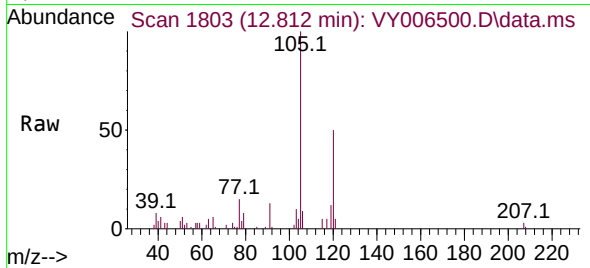
#62
1,3,5-Trimethylbenzene
Concen: 0.974 ug/L
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY006500.D
Acq: 27 Oct 2021 16:42

Tgt Ion:105 Resp: 9877
Ion Ratio Lower Upper
105 100
120 47.4 38.3 57.5

Instrument :
MSVOA_Y
ClientSampled :
MDL01

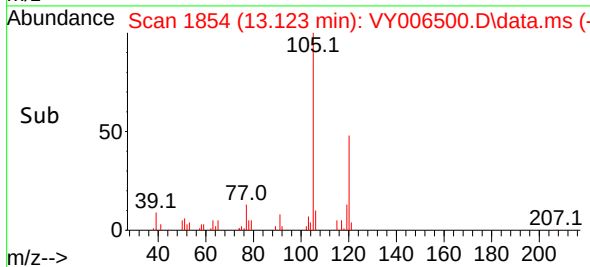
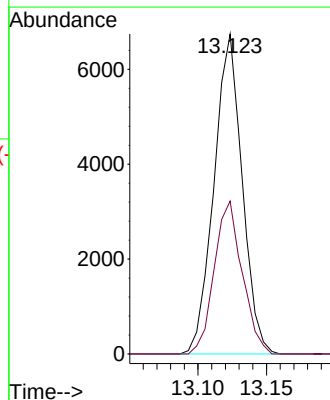
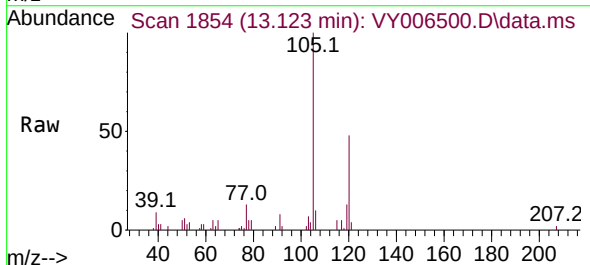
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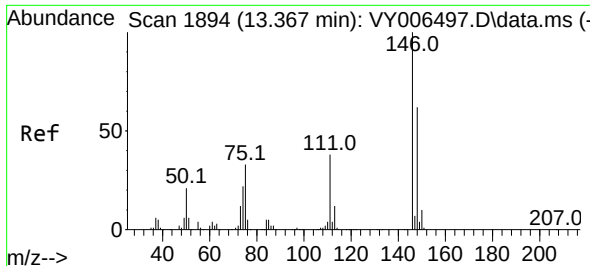
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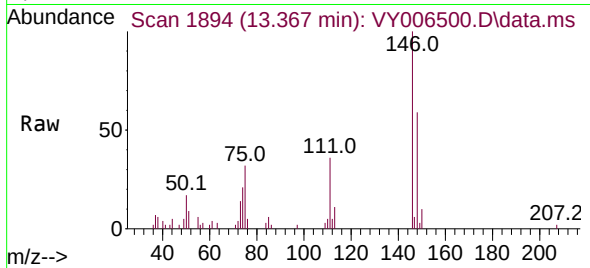
#63
1,2,4-Trimethylbenzene
Concen: 0.963 ug/L
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY006500.D
Acq: 27 Oct 2021 16:42

Tgt Ion:105 Resp: 9641
Ion Ratio Lower Upper
105 100
120 47.3 36.2 54.4

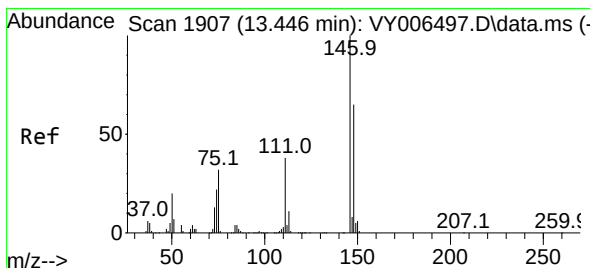
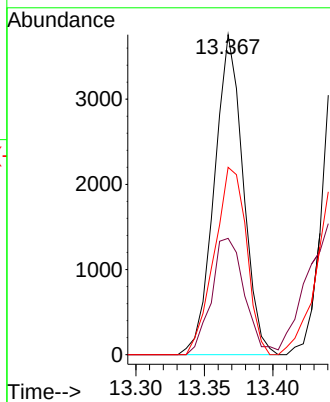
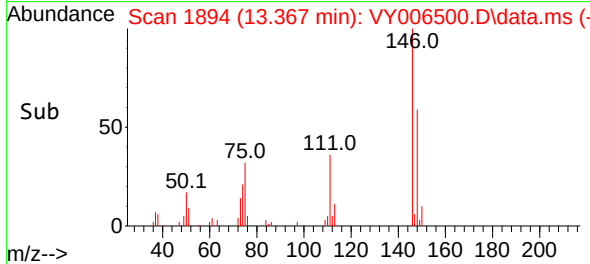




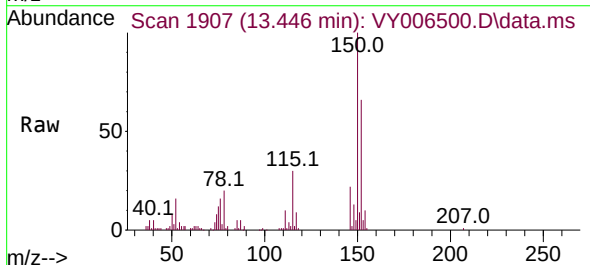
#64
1,3-Dichlorobenzene
Concen: 0.985 ug/L
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY006500.D
Acq: 27 Oct 2021 16:42



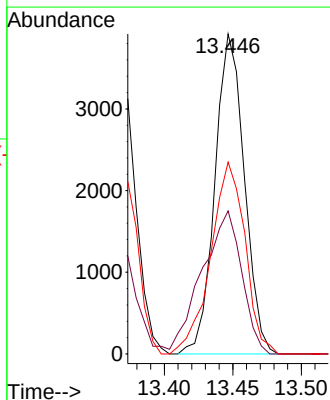
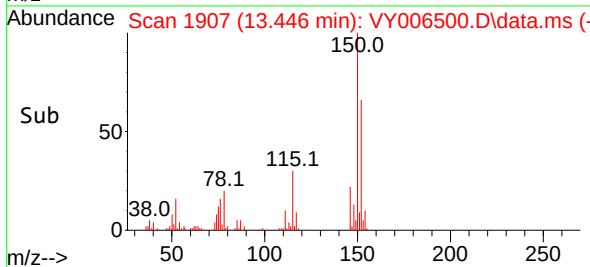
Tgt Ion:146 Resp: 5496
Ion Ratio Lower Upper
146 100
111 36.3 27.4 51.0
148 58.5 45.1 83.7



#65
1,4-Dichlorobenzene
Concen: 1.043 ug/L
RT: 13.446 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY006500.D
Acq: 27 Oct 2021 16:42



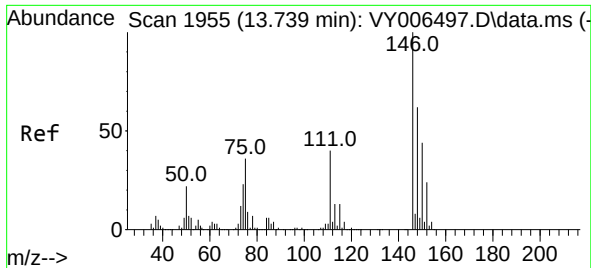
Tgt Ion:146 Resp: 5852
Ion Ratio Lower Upper
146 100
111 44.7 26.4 49.0
148 60.0 44.3 82.3



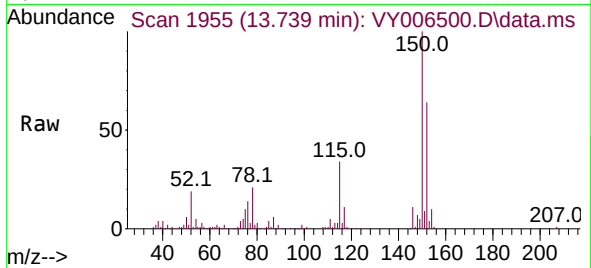
Instrument :
MSVOA_Y
ClientSampled :
MDL01

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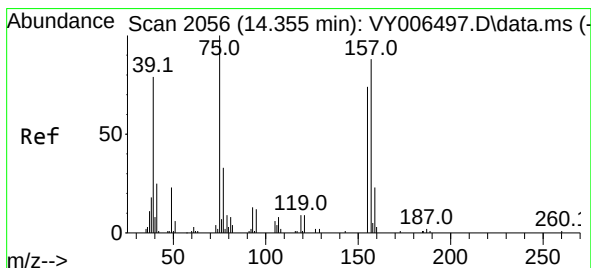
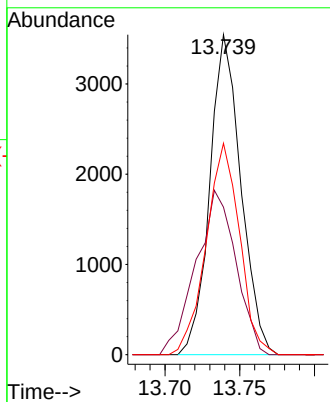
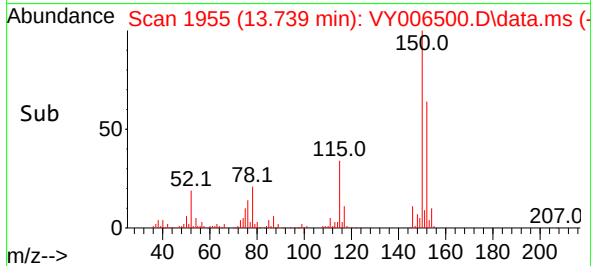
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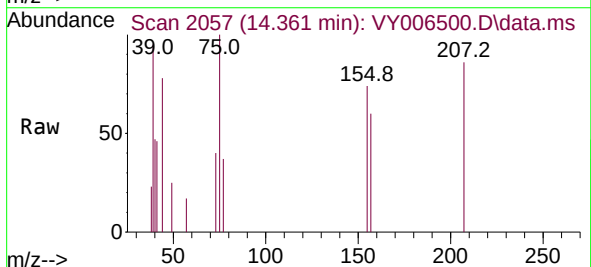
#67
1,2-Dichlorobenzene
Concen: 1.011 ug/L
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY006500.D
Acq: 27 Oct 2021 16:42



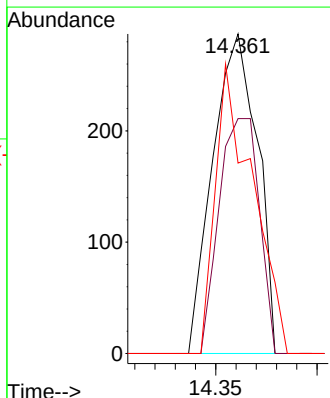
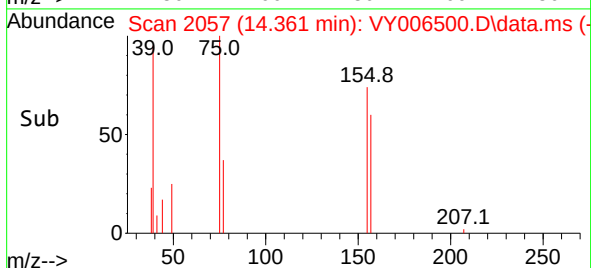
Tgt Ion:146 Resp: 5126
Ion Ratio Lower Upper
146 100
111 46.1 33.9 50.9
148 66.1 49.7 74.5



#68
1,2-Dibromo-3-chloropropane
Concen: 1.004 ug/L m
RT: 14.361 min Scan# 2057
Delta R.T. 0.006 min
Lab File: VY006500.D
Acq: 27 Oct 2021 16:42



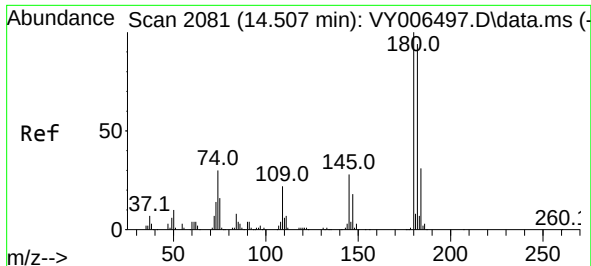
Tgt Ion: 75 Resp: 438
Ion Ratio Lower Upper
75 100
155 73.5 64.5 96.7
157 59.6 77.4 116.2#



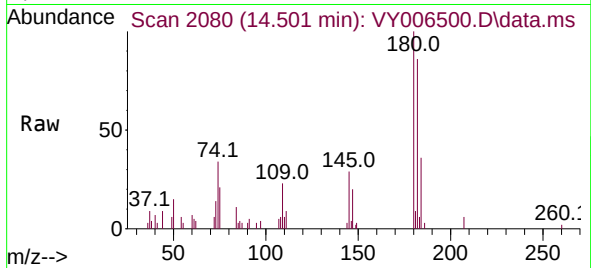
Instrument :
MSVOA_Y
ClientSampled :
MDL01

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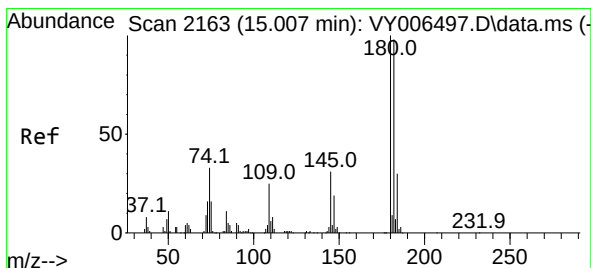
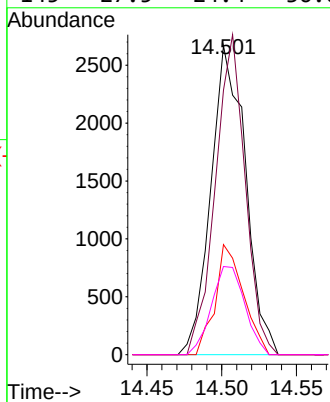
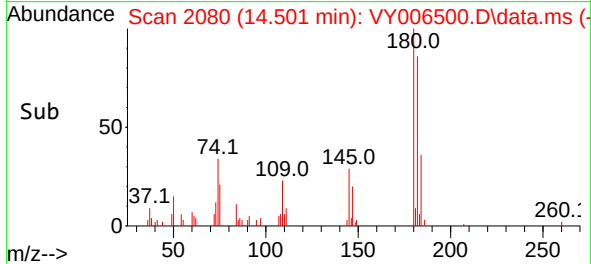
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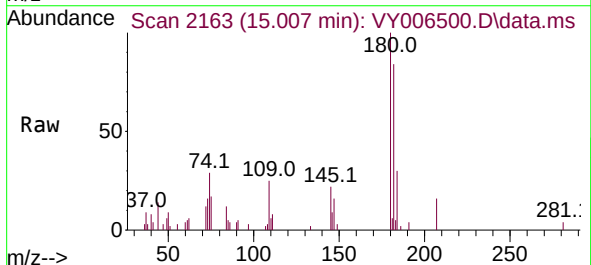
#69
1,3,5-Trichlorobenzene
Concen: 1.087 ug/L
RT: 14.501 min Scan# 2080
Delta R.T. -0.006 min
Lab File: VY006500.D
Acq: 27 Oct 2021 16:42



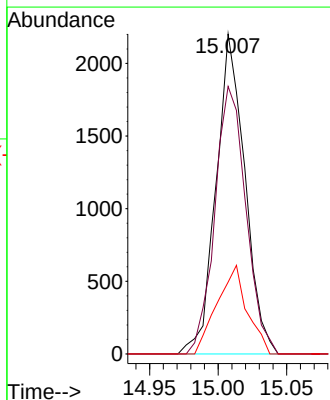
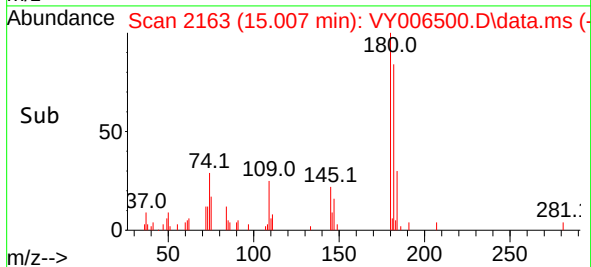
Tgt Ion:	180	Resp:	4290
Ion Ratio	Lower	Upper	
180	100		
182	88.8	76.1	114.1
184	29.2	24.6	36.8
145	27.5	24.4	36.6



#70
1,2,4-trichlorobenzene
Concen: 1.011 ug/L
RT: 15.007 min Scan# 2163
Delta R.T. 0.000 min
Lab File: VY006500.D
Acq: 27 Oct 2021 16:42



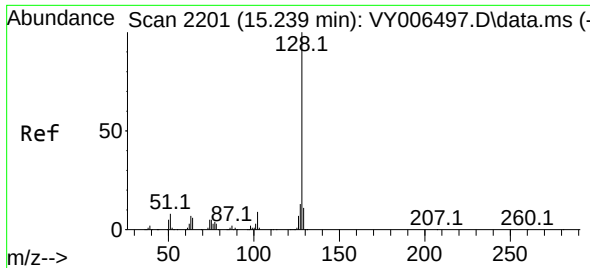
Tgt Ion:	180	Resp:	3226
Ion Ratio	Lower	Upper	
180	100		
182	89.9	76.4	114.6
145	28.9	25.0	37.6



Instrument :
MSVOA_Y
ClientSampled :
MDL01

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10/29/2021 4:37:14 PM



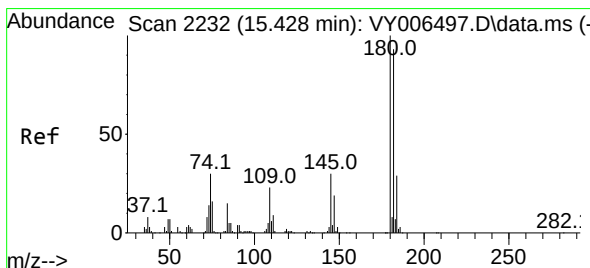
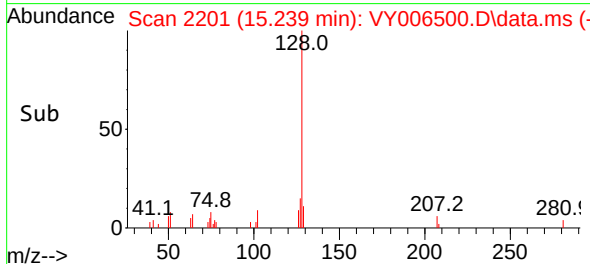
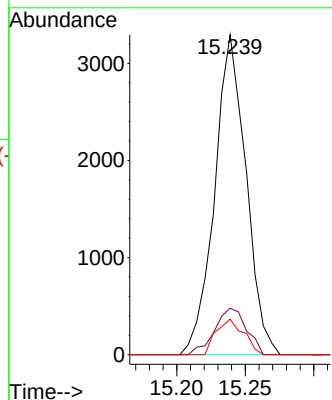
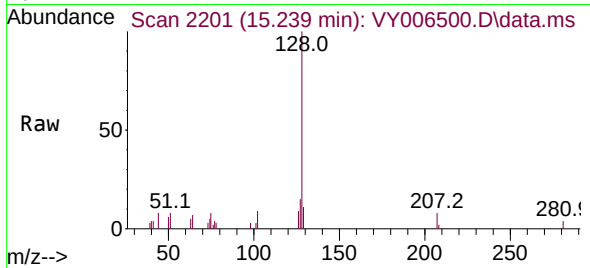
#71
Naphthalene
Concen: 0.841 ug/L
RT: 15.239 min Scan# 2201
Delta R.T. 0.000 min
Lab File: VY006500.D
Acq: 27 Oct 2021 16:42

Tgt Ion:	128	Resp:	5244
Ion Ratio	Lower	Upper	
128	100		
127	14.8	10.3	15.5
129	9.7	8.9	13.3

Instrument :
MSVOA_Y
ClientSampled :
MDL01

Manual Integrations
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10/29/2021 4:37:14 PM



#72
1,2,3-Trichlorobenzene
Concen: 0.962 ug/L
RT: 15.422 min Scan# 2231
Delta R.T. -0.006 min
Lab File: VY006500.D
Acq: 27 Oct 2021 16:42

Tgt Ion:	180	Resp:	2667
Ion Ratio	Lower	Upper	
180	100		
182	95.8	76.2	114.2
145	30.6	25.8	38.8

