

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060222\
 Data File : VW023377.D
 Acq On : 02 Jun 2022 16:16
 Operator : SY/VA
 Sample : N3171-04MSD
 Misc : 8.65g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBTY9MSD

Quant Time: Jun 02 21:58:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Jun 02 21:56:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	28408	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.633	117	24891	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	8533	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	11380	27.088	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	108.360%
7) Chloroethane-d5	2.891	69	6950	23.795	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.200%
11) 1,1-Dichloroethene-d2	4.031	63	16054	24.862	ug/L	0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	99.440%
21) 2-Butanone-d5	7.214	46	128	1.480	ug/L	0.13
Spiked Amount	50.000	Range	20 - 135	Recovery	=	2.960%#
24) Chloroform-d	7.646	84	17439	23.312	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.240%
26) 1,2-Dichloroethane-d4	8.311	65	9447	24.111	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.440%
32) Benzene-d6	8.280	84	29812	22.291	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.160%
36) 1,2-Dichloropropane-d6	9.274	67	9232	24.128	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.520%
41) Toluene-d8	10.323	98	25312	19.850	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	79.400%
43) trans-1,3-Dichloroprop...	10.579	79	3487	20.415	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.640%
47) 2-Hexanone-d5	10.926	63	1535	24.972	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	49.940%
56) 1,1,2,2-Tetrachloroeth...	12.694	84	7074	20.961	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	83.840%
66) 1,2-Dichlorobenzene-d4	13.853	152	6743	22.356	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.440%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.001	85	1888	15.828	ug/L #	86
3) Chloromethane	2.221	50	8809	25.111	ug/L	99
5) Vinyl chloride	2.361	62	14416	26.399	ug/L	99
6) Bromomethane	2.788	94	6761	25.363	ug/L	93
8) Chloroethane	2.934	64	5908	23.506	ug/L	93
9) Trichlorofluoromethane	3.275	101	15661	60.216	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.086	101	4889	12.958	ug/L #	32
12) 1,1-Dichloroethene	4.043	96	7881	24.207	ug/L #	71
13) Acetone	4.135	43	2247	35.724	ug/L	73
14) Carbon disulfide	4.397	76	22772	20.940	ug/L	99
15) Methyl Acetate	4.787	43	191	1.350	ug/L	99
16) Methylene chloride	4.921	84	4619	11.351	ug/L	96
17) trans-1,2-Dichloroethene	5.439	96	8558	22.532	ug/L	87
18) Methyl tert-butyl Ether	5.427	73	9316	16.661	ug/L #	89
19) 1,1-Dichloroethane	6.220	63	13991	21.746	ug/L	97
22) 2-Butanone	7.177	43	1861	19.473	ug/L	80
23) Bromochloromethane	7.524	128	3937	20.802	ug/L	92
25) Chloroform	7.677	83	15316	21.750	ug/L	80
27) 1,2-Dichloroethane	8.408	62	10208	22.516	ug/L #	88

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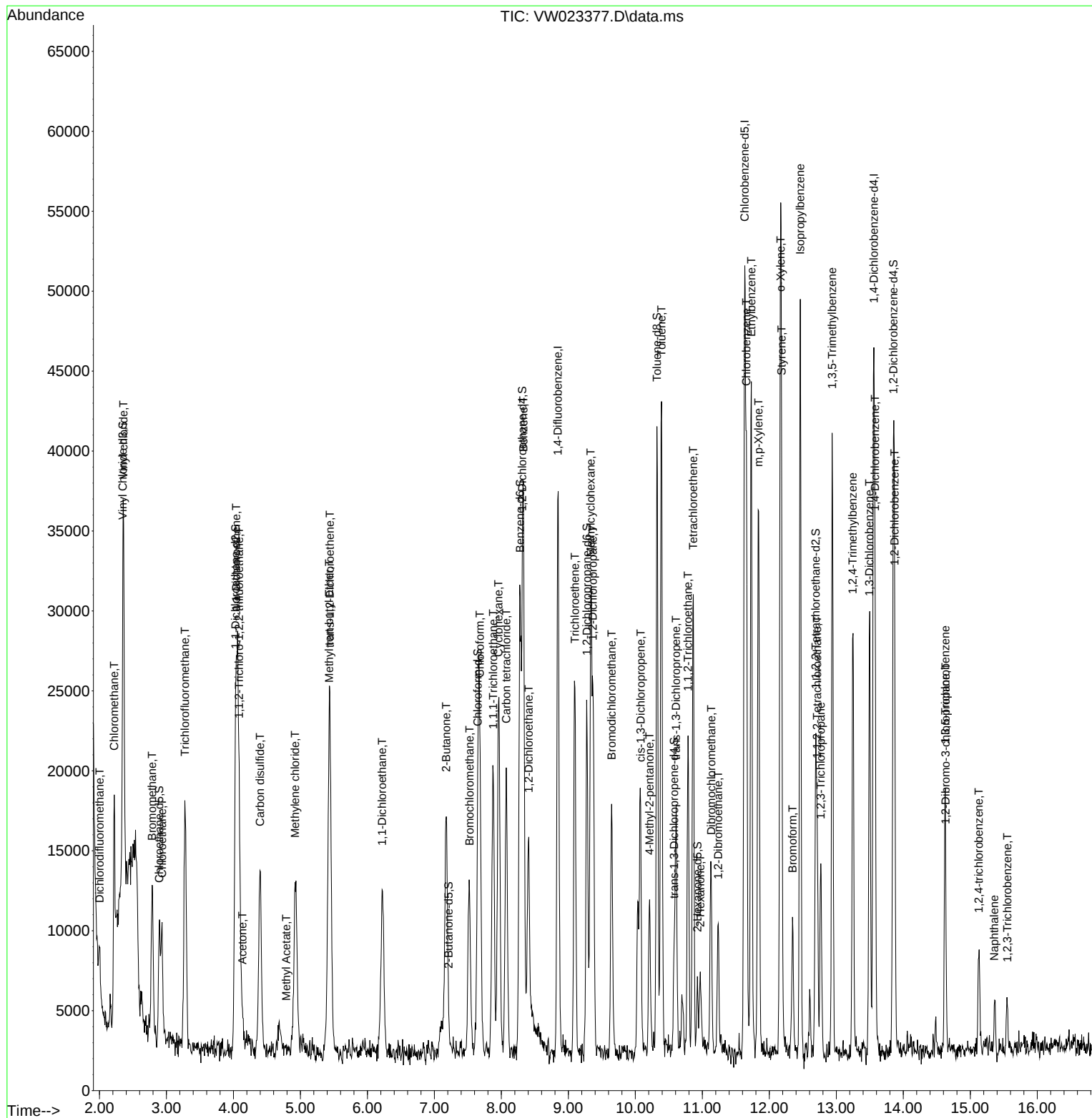
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.957	56	10749	20.157	ug/L	97
30) 1,1,1-Trichloroethane	7.878	97	13936	24.192	ug/L	95
31) Carbon tetrachloride	8.073	117	12345	22.786	ug/L	98
33) Benzene	8.329	78	30513	21.400	ug/L	100
34) Trichloroethene	9.097	95	8039	20.818	ug/L	93
35) Methylcyclohexane	9.335	83	10778	16.847	ug/L	99
37) 1,2-Dichloropropane	9.366	63	7565	22.521	ug/L #	96
38) Bromodichloromethane	9.646	83	10313	21.689	ug/L	97
39) cis-1,3-Dichloropropene	10.079	75	9241	17.514	ug/L	99
40) 4-Methyl-2-pentanone	10.213	43	5993	31.480	ug/L	94
42) Toluene	10.390	91	29727	18.767	ug/L	99
44) trans-1,3-Dichloropropene	10.609	75	7746	16.407	ug/L	95
45) 1,1,2-Trichloroethane	10.786	97	5570	20.253	ug/L #	86
46) Tetrachloroethene	10.865	164	5862	18.958	ug/L	97
48) 2-Hexanone	10.969	43	2476	19.459	ug/L #	74
49) Dibromochloromethane	11.134	129	6247	18.510	ug/L	89
50) 1,2-Dibromoethane	11.237	107	5666	21.133	ug/L #	98
51) Chlorobenzene	11.658	112	18902	18.072	ug/L	92
52) Ethylbenzene	11.731	91	29116	16.738	ug/L	99
53) m,p-Xylene	11.841	106	10719	15.561	ug/L	99
54) o-Xylene	12.170	106	10204	15.483	ug/L	98
55) Styrene	12.182	104	15465	13.769	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	6435	19.810	ug/L	94
59) Bromoform	12.347	173	3151	25.155	ug/L #	90
60) Isopropylbenzene	12.463	105	28622	24.457	ug/L	97
61) 1,2,3-Trichloropropane	12.767	75	4312	28.113	ug/L #	91
62) 1,3,5-Trimethylbenzene	12.938	105	19450	20.284	ug/L	100
63) 1,2,4-Trimethylbenzene	13.243	105	14384	19.322	ug/L	99
64) 1,3-Dichlorobenzene	13.493	146	10246	19.258	ug/L	90
65) 1,4-Dichlorobenzene	13.578	146	9743	17.914	ug/L	91
67) 1,2-Dichlorobenzene	13.871	146	8925	18.559	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.633	75	1060	31.027	ug/L #	1
69) 1,3,5-Trichlorobenzene	14.627	180	4609	13.117	ug/L	96
70) 1,2,4-trichlorobenzene	15.127	180	1937	6.938	ug/L #	90
71) Naphthalene	15.358	128	2328	4.429	ug/L #	95
72) 1,2,3-Trichlorobenzene	15.554	180	951	3.936	ug/L #	87

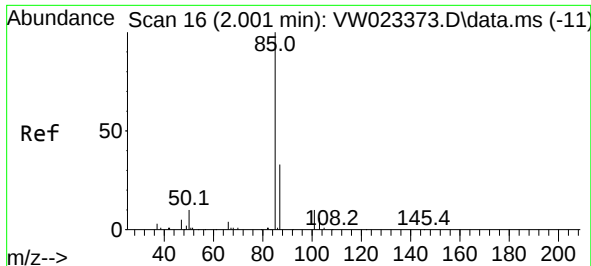
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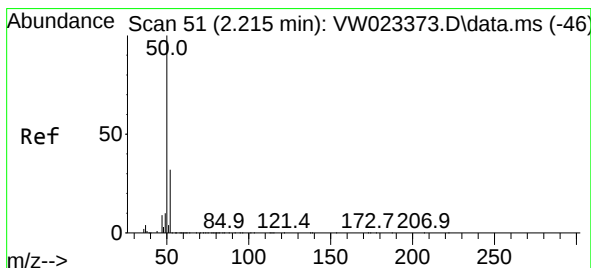
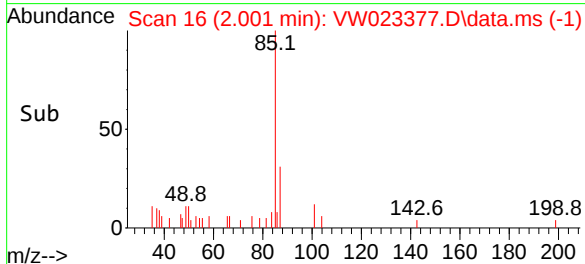
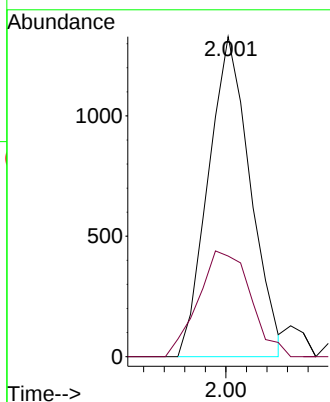
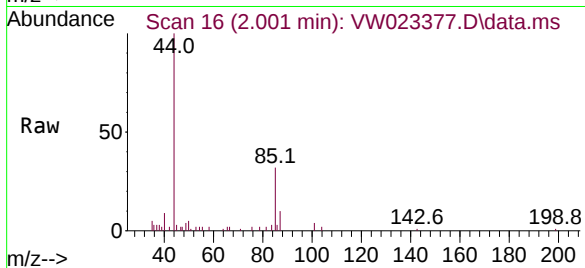




#2
 Dichlorodifluoromethane
 Concen: 15.828 ug/L
 RT: 2.001 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VW023377.D
 Acq: 02 Jun 2022 16:16

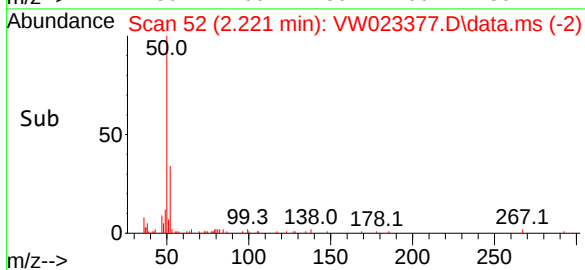
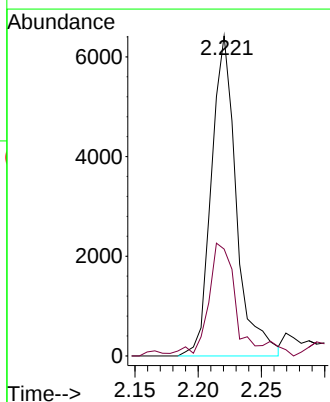
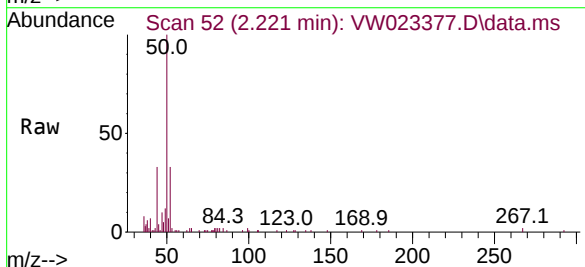
Instrument :
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 ClientSampleId :
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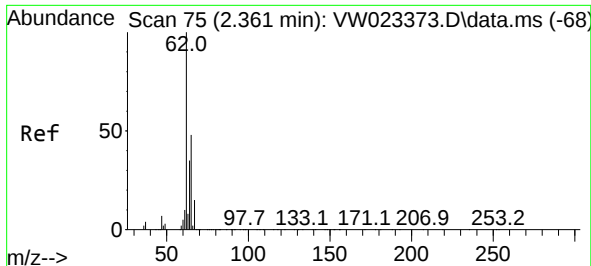
Tgt Ion: 85 Resp: 1888
 Ion Ratio Lower Upper
 85 100
 87 41.0 26.3 39.5#



#3
 Chloromethane
 Concen: 25.111 ug/L
 RT: 2.221 min Scan# 52
 Delta R.T. 0.006 min
 Lab File: VW023377.D
 Acq: 02 Jun 2022 16:16

Tgt Ion: 50 Resp: 8809
 Ion Ratio Lower Upper
 50 100
 52 33.4 22.8 42.4

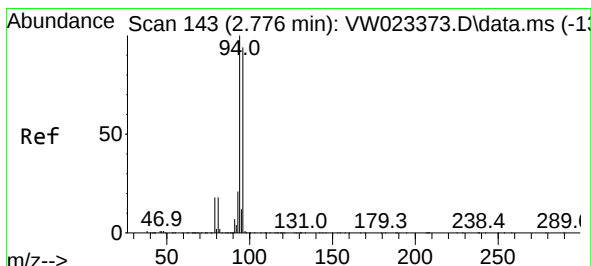
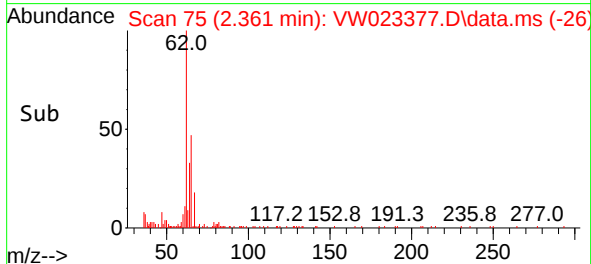
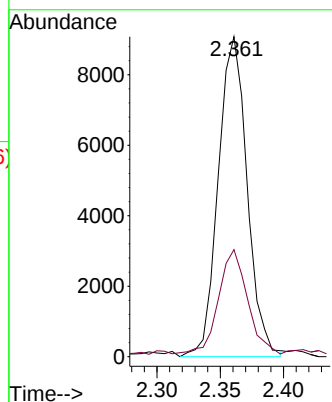
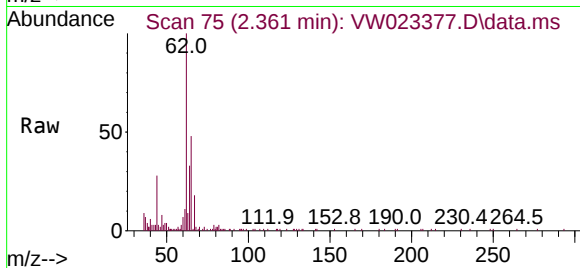




#5
 Vinyl chloride
 Concen: 26.399 ug/L
 RT: 2.361 min Scan# 75
 Delta R.T. -0.000 min
 Lab File: VW023377.D
 Acq: 02 Jun 2022 16:16

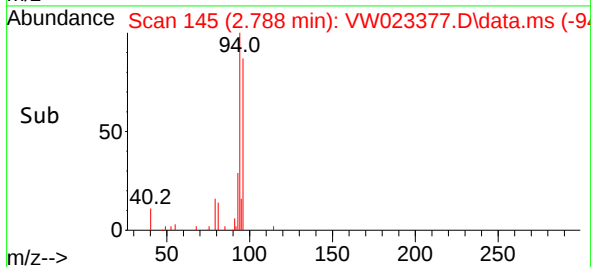
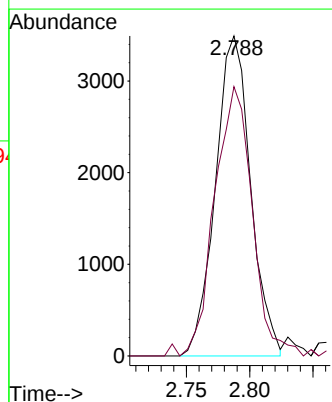
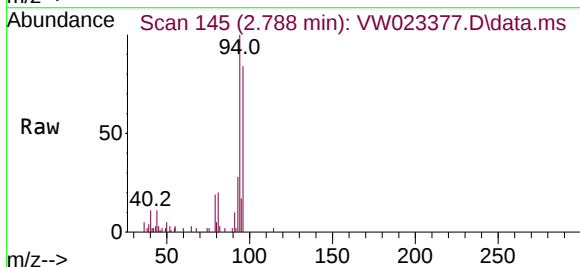
Instrument :
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 ClientSampleId :
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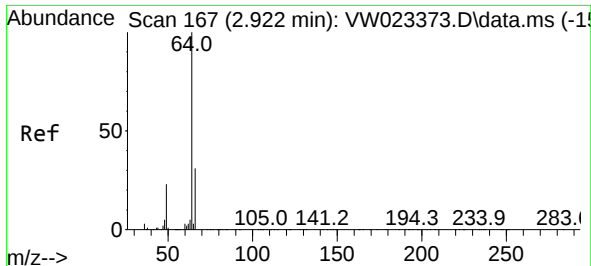
Tgt Ion: 62 Resp: 14416
 Ion Ratio Lower Upper
 62 100
 64 33.4 23.9 44.3



#6
 Bromomethane
 Concen: 25.363 ug/L
 RT: 2.788 min Scan# 145
 Delta R.T. 0.012 min
 Lab File: VW023377.D
 Acq: 02 Jun 2022 16:16

Tgt Ion: 94 Resp: 6761
 Ion Ratio Lower Upper
 94 100
 96 84.1 63.8 118.4

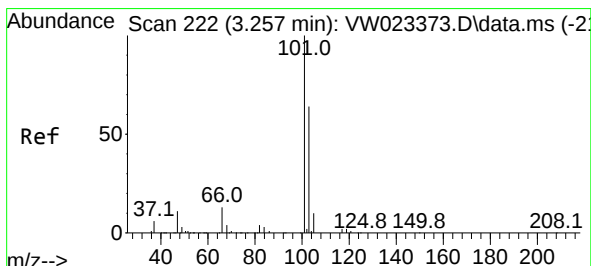
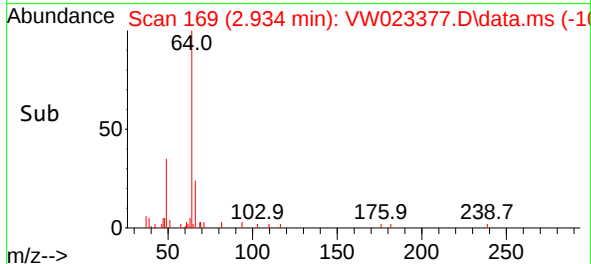
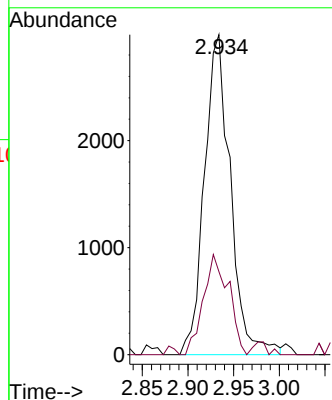
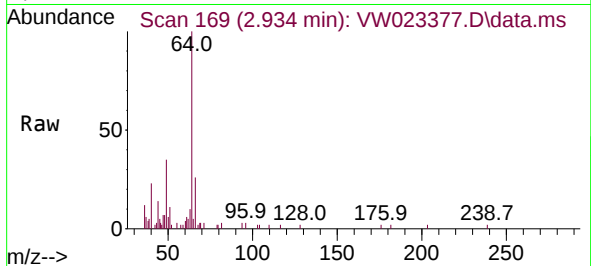




#8
Chloroethane
Concen: 23.506 ug/L
RT: 2.934 min Scan# 169
Delta R.T. 0.012 min
Lab File: VW023377.D
Acq: 02 Jun 2022 16:16

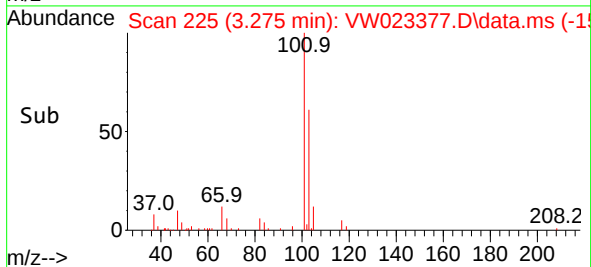
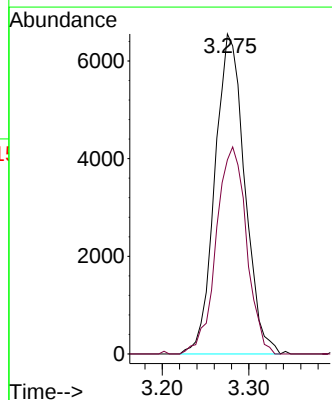
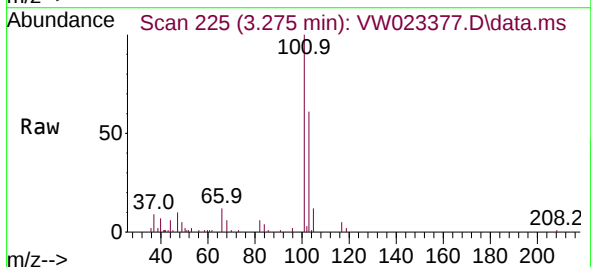
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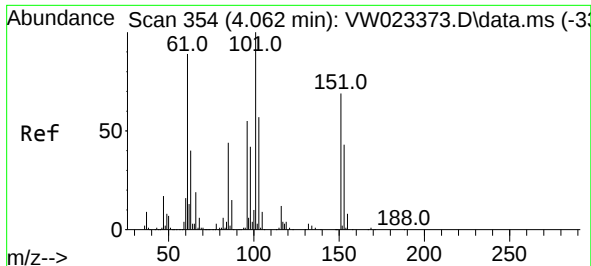
Tgt Ion: 64 Resp: 5908
Ion Ratio Lower Upper
64 100
66 25.9 20.6 38.4



#9
Trichlorofluoromethane
Concen: 60.216 ug/L
RT: 3.275 min Scan# 225
Delta R.T. 0.018 min
Lab File: VW023377.D
Acq: 02 Jun 2022 16:16

Tgt Ion: 101 Resp: 15661
Ion Ratio Lower Upper
101 100
103 65.8 51.7 77.5

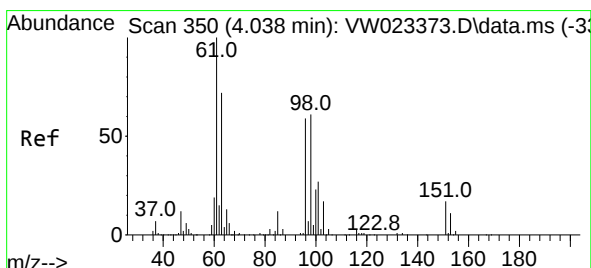
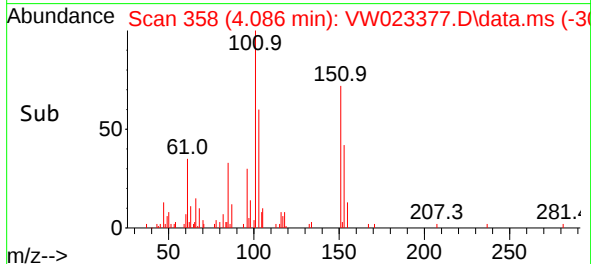
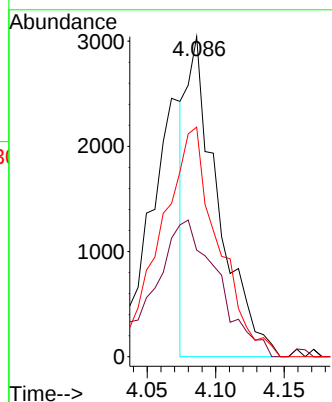
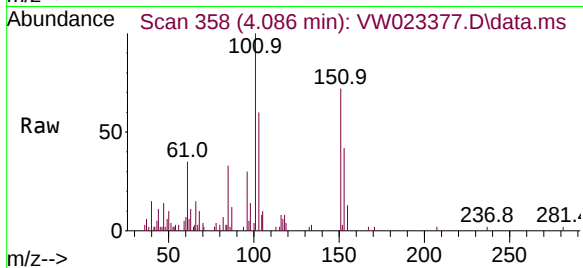




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 12.958 ug/L
RT: 4.086 min Scan# 310
Delta R.T. 0.024 min
Lab File: VW023377.D
Acq: 02 Jun 2022 16:16

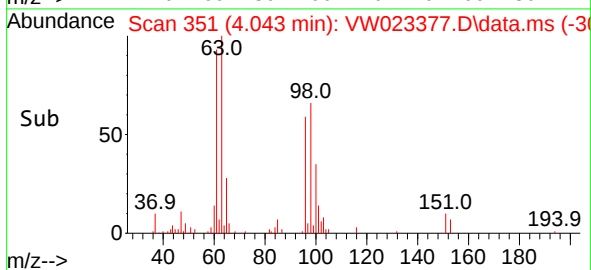
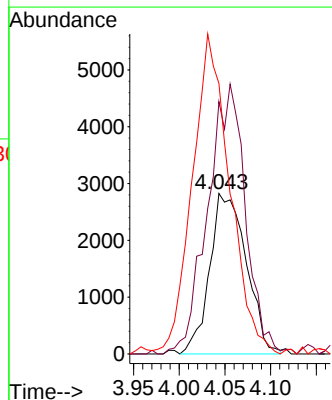
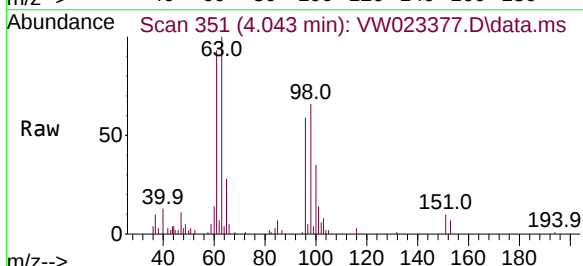
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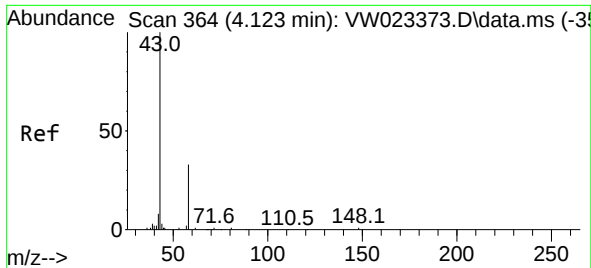
Tgt Ion:101 Resp: 4889
Ion Ratio Lower Upper
101 100
85 85.9 35.4 53.0#
151 130.5 57.7 86.5#



#12
1,1-Dichloroethene
Concen: 24.207 ug/L
RT: 4.043 min Scan# 351
Delta R.T. 0.006 min
Lab File: VW023377.D
Acq: 02 Jun 2022 16:16

Tgt Ion: 96 Resp: 7881
Ion Ratio Lower Upper
96 100
61 157.3 119.4 221.8
63 168.6 74.7 138.7#





#13

Acetone

Concen: 35.724 ug/L

RT: 4.135 min Scan# 3

Delta R.T. 0.012 min

Lab File: VW023377.D

Acq: 02 Jun 2022 16:16

Instrument :

MSVOA_W

ClientSampleId :

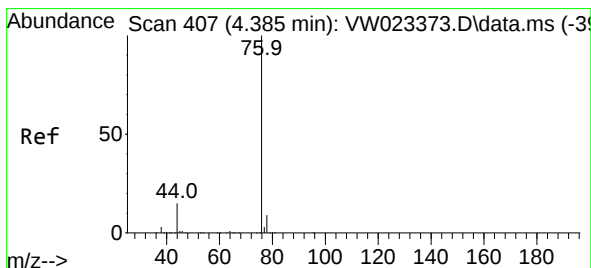
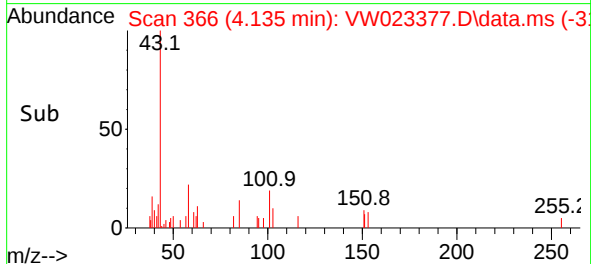
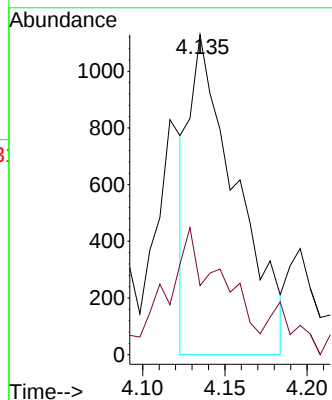
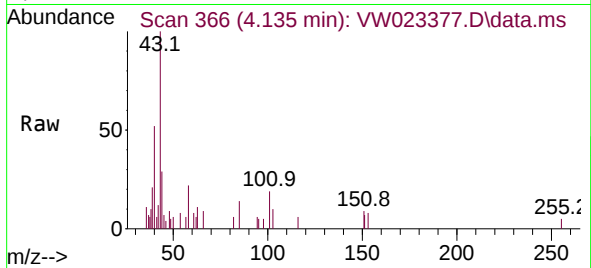
DBTY9MSD

Tgt Ion: 43 Resp: 2247

Ion Ratio Lower Upper

43 100

58 16.5 0.0 63.0



#14

Carbon disulfide

Concen: 20.940 ug/L

RT: 4.397 min Scan# 409

Delta R.T. 0.012 min

Lab File: VW023377.D

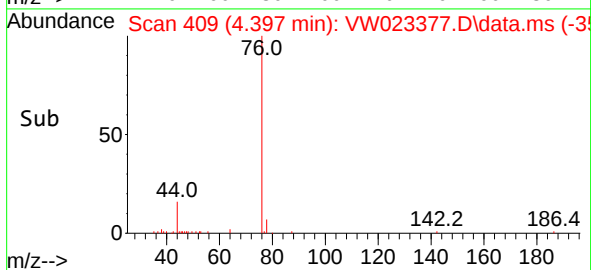
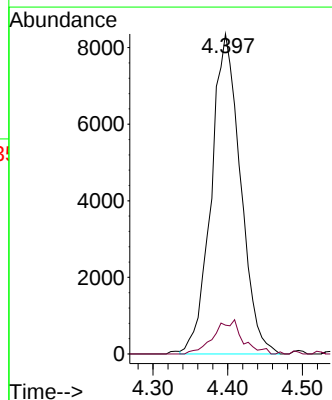
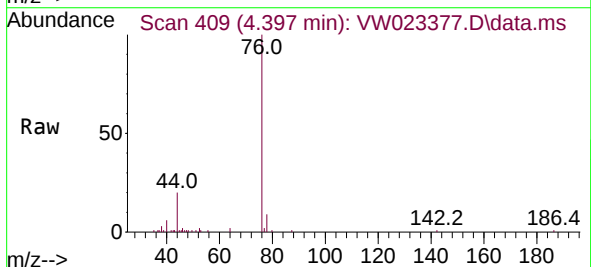
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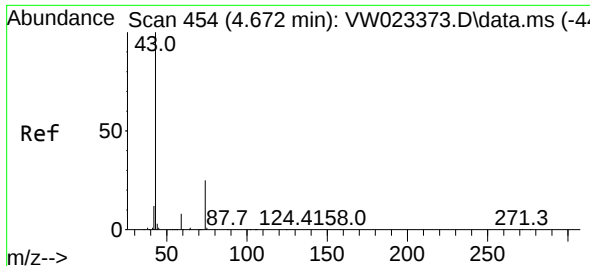
Tgt Ion: 76 Resp: 22772

Ion Ratio Lower Upper

76 100

78 9.0 7.0 10.6

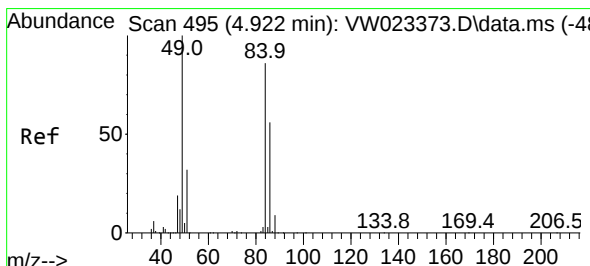
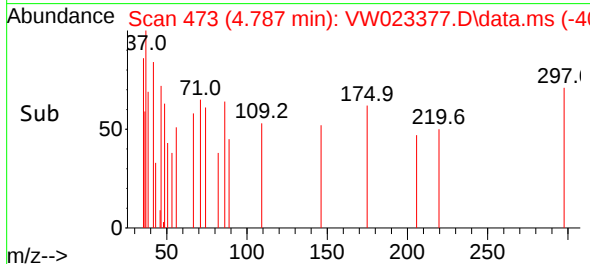
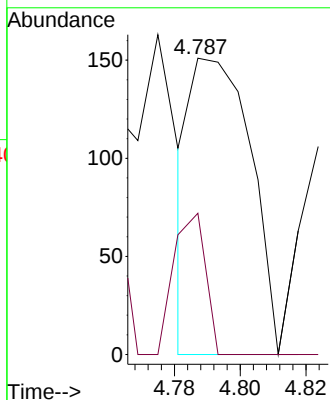
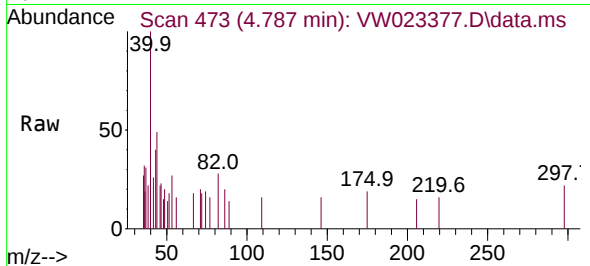




#15
Methyl Acetate
Concen: 1.350 ug/L
RT: 4.787 min Scan# 41
Delta R.T. 0.115 min
Lab File: VW023377.D
Acq: 02 Jun 2022 16:16

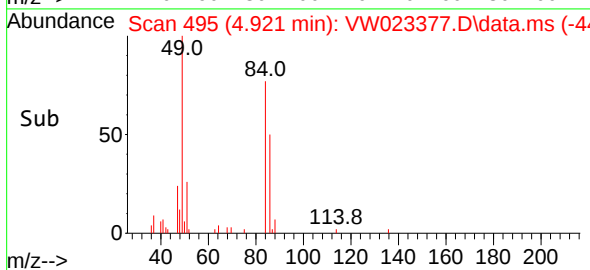
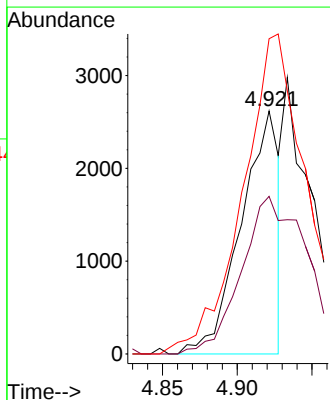
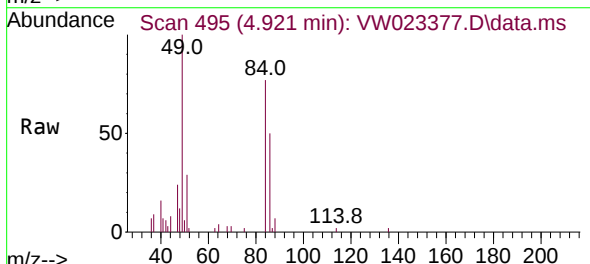
Instrument :
MSVOA_W
ClientSampleId :
DBTY9MSD

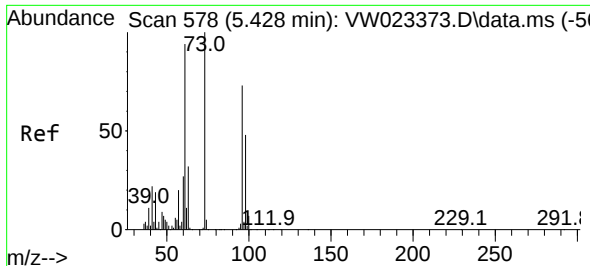
Tgt Ion: 43 Resp: 191
Ion Ratio Lower Upper
43 100
74 25.7 20.2 30.2



#16
Methylene chloride
Concen: 11.351 ug/L
RT: 4.921 min Scan# 495
Delta R.T. -0.000 min
Lab File: VW023377.D
Acq: 02 Jun 2022 16:16

Tgt Ion: 84 Resp: 4619
Ion Ratio Lower Upper
84 100
86 64.9 47.3 87.9
49 129.8 86.8 161.2

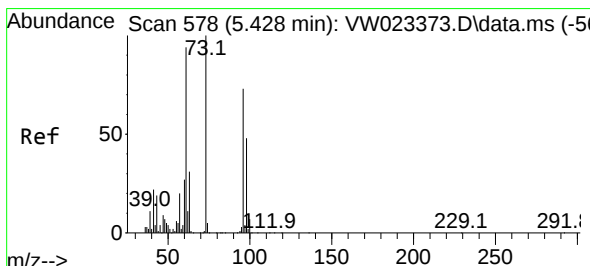
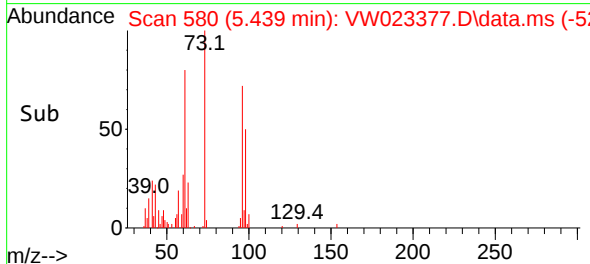
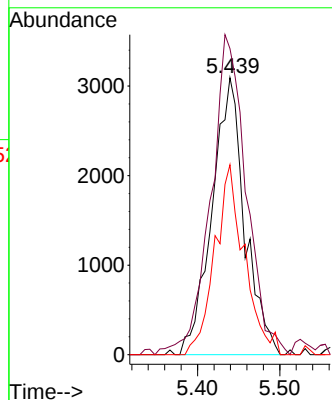
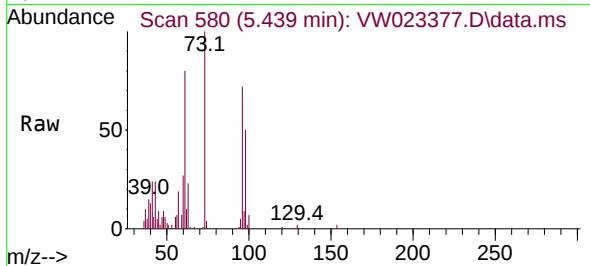




#17
trans-1,2-Dichloroethene
Concen: 22.532 ug/L
RT: 5.439 min Scan# 580
Delta R.T. 0.012 min
Lab File: VW023377.D
Acq: 02 Jun 2022 16:16

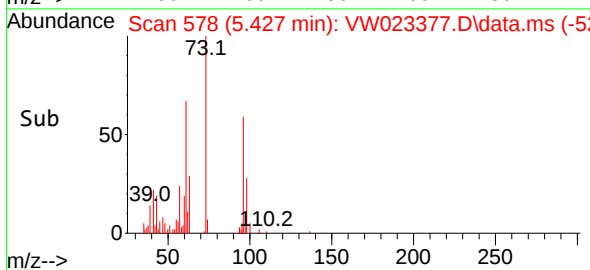
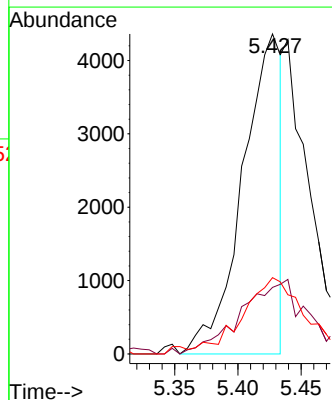
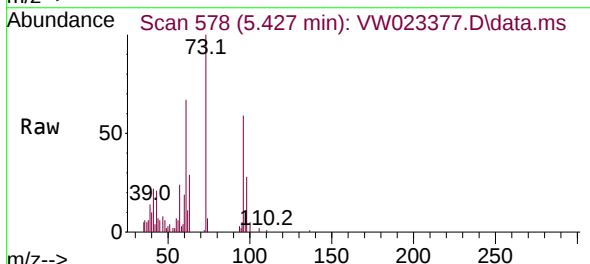
Instrument :
MSVOA_W
ClientSampleId :
DBTY9MSD

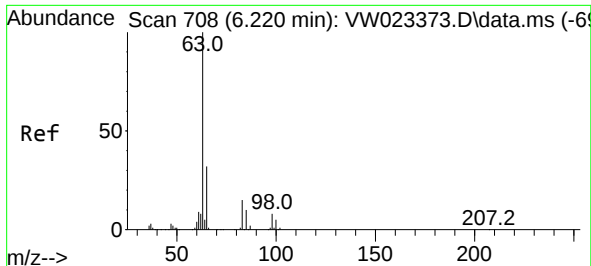
Tgt Ion: 96 Resp: 8558
Ion Ratio Lower Upper
96 100
61 110.5 91.6 170.0
98 68.6 46.1 85.7



#18
Methyl tert-butyl Ether
Concen: 16.661 ug/L
RT: 5.427 min Scan# 578
Delta R.T. -0.000 min
Lab File: VW023377.D
Acq: 02 Jun 2022 16:16

Tgt Ion: 73 Resp: 9316
Ion Ratio Lower Upper
73 100
43 20.9 16.6 25.0
57 31.5 17.1 25.7#





#19

1,1-Dichloroethane

Concen: 21.746 ug/L

RT: 6.220 min Scan# 708

Delta R.T. -0.000 min

Lab File: VW023377.D

Acq: 02 Jun 2022 16:16

Instrument :

MSVOA_W

ClientSampleId :

DBTY9MSD

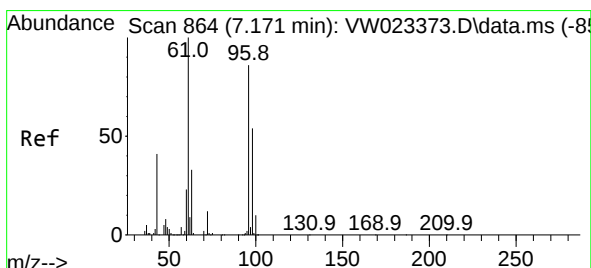
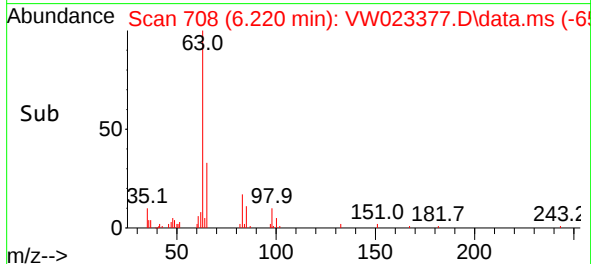
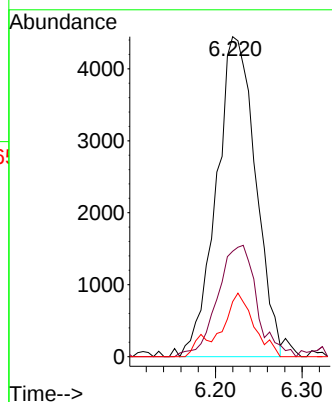
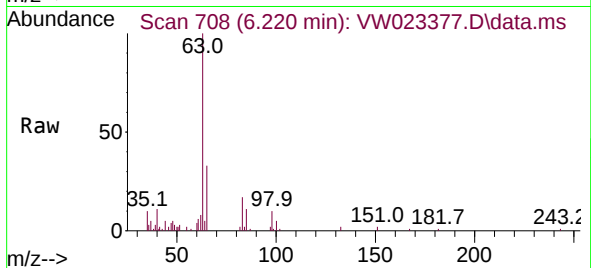
Tgt Ion: 63 Resp: 13991

Ion Ratio Lower Upper

63 100

65 33.0 22.7 42.1

83 17.2 10.2 19.0



#22

2-Butanone

Concen: 19.473 ug/L

RT: 7.177 min Scan# 865

Delta R.T. 0.006 min

Lab File: VW023377.D

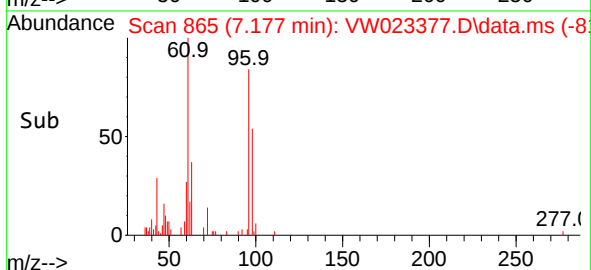
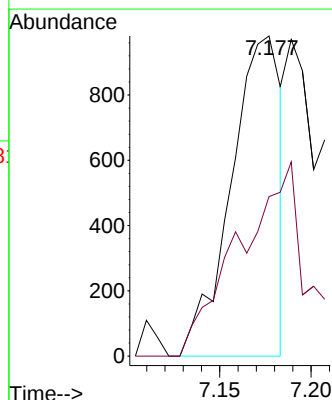
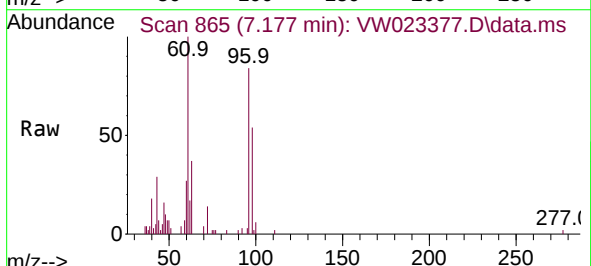
Acq: 02 Jun 2022 16:16

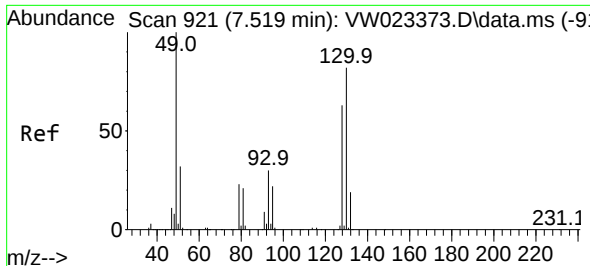
Tgt Ion: 43 Resp: 1861

Ion Ratio Lower Upper

43 100

72 42.3 15.7 47.0

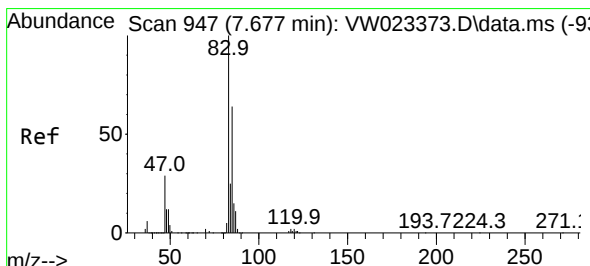
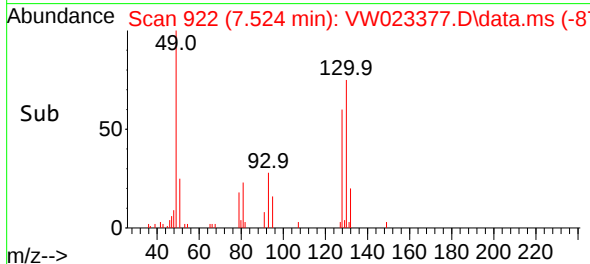
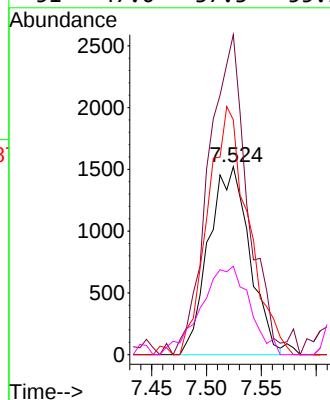
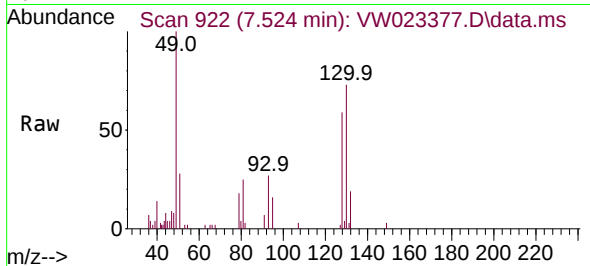




#23
Bromochloromethane
Concen: 20.802 ug/L
RT: 7.524 min Scan# 912
Delta R.T. 0.006 min
Lab File: VW023377.D
Acq: 02 Jun 2022 16:16

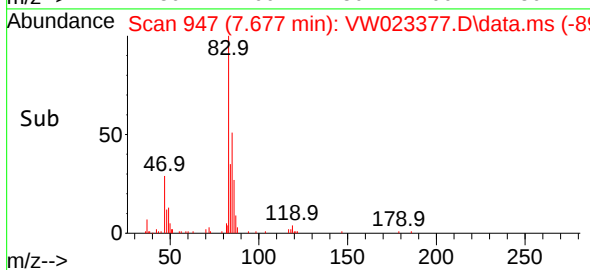
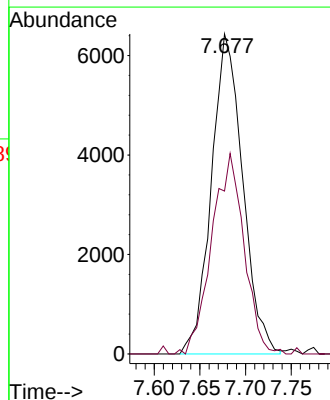
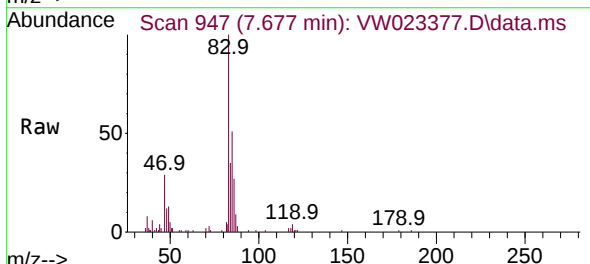
Instrument :
MSVOA_W
ClientSampleId :
DBTY9MSD

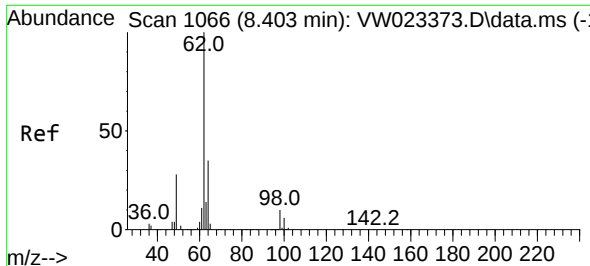
Tgt Ion:	128	Resp:	3937
Ion	Ratio	Lower	Upper
128	100		
49	170.2	105.1	195.3
130	124.8	86.9	161.5
51	47.0	37.3	55.9



#25
Chloroform
Concen: 21.750 ug/L
RT: 7.677 min Scan# 947
Delta R.T. -0.000 min
Lab File: VW023377.D
Acq: 02 Jun 2022 16:16

Tgt Ion:	83	Resp:	15316
Ion	Ratio	Lower	Upper
83	100		
85	50.9	46.7	86.7





#27

1,2-Dichloroethane

Concen: 22.516 ug/L

RT: 8.408 min Scan# 1066

Delta R.T. 0.006 min

Lab File: VW023377.D

Acq: 02 Jun 2022 16:16

Instrument :

MSVOA_W

ClientSampleId :

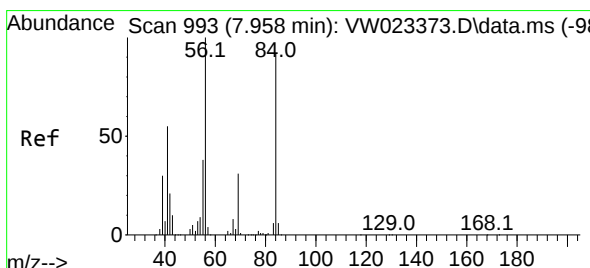
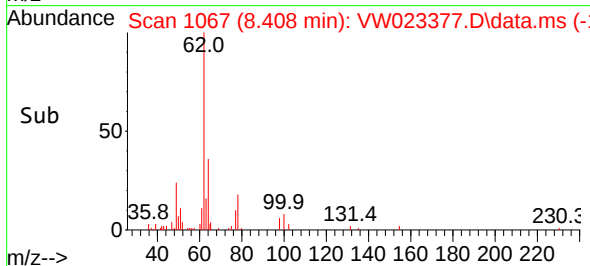
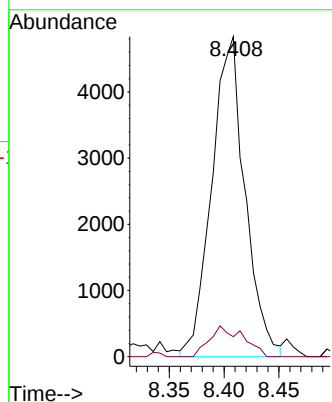
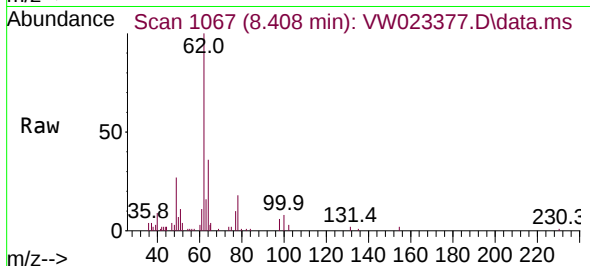
DBTY9MSD

Tgt Ion: 62 Resp: 10208

Ion Ratio Lower Upper

62 100

98 6.3 8.5 12.7#



#29

Cyclohexane

Concen: 20.157 ug/L

RT: 7.957 min Scan# 993

Delta R.T. -0.000 min

Lab File: VW023377.D

Acq: 02 Jun 2022 16:16

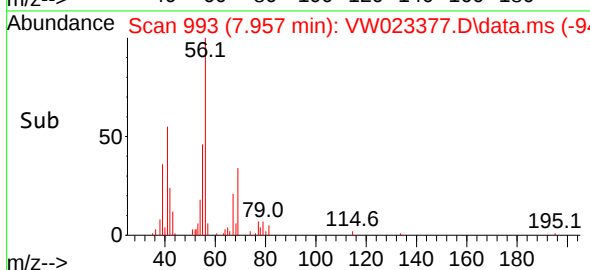
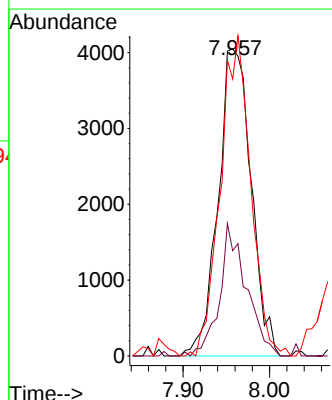
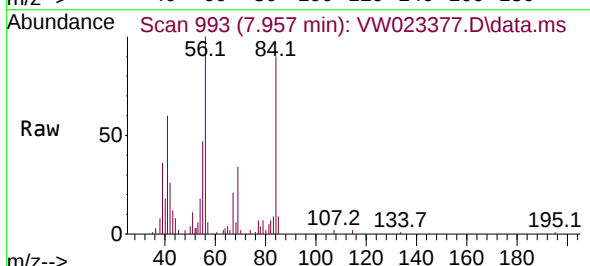
Tgt Ion: 56 Resp: 10749

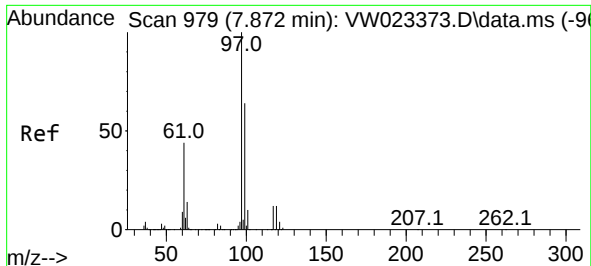
Ion Ratio Lower Upper

56 100

69 34.6 25.2 37.8

84 95.5 78.3 117.5

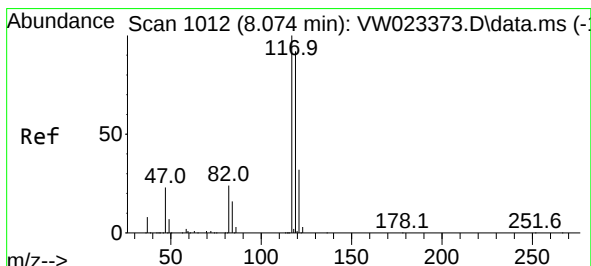
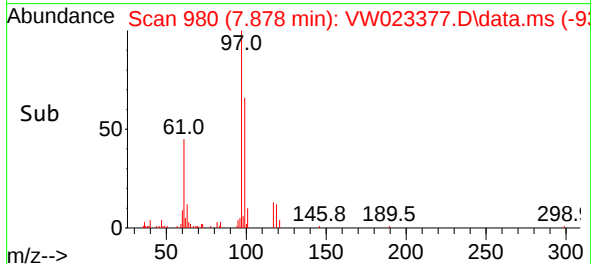
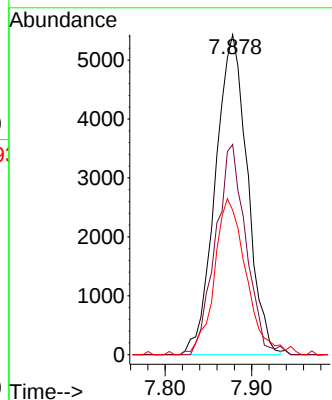
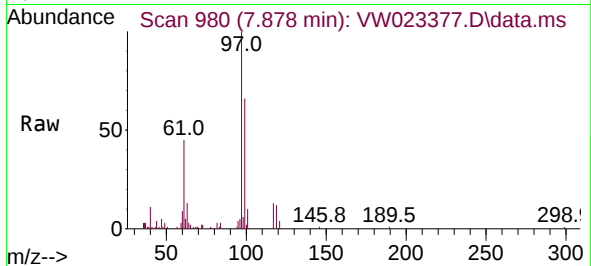




#30
1,1,1-Trichloroethane
Concen: 24.192 ug/L
RT: 7.878 min Scan# 979
Delta R.T. 0.006 min
Lab File: VW023377.D
Acq: 02 Jun 2022 16:16

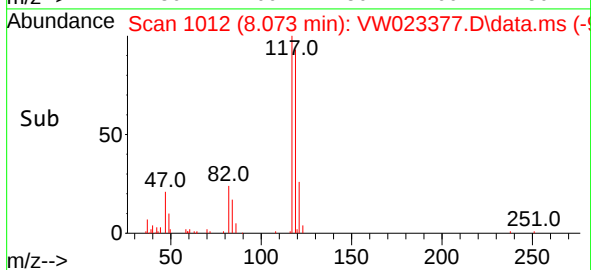
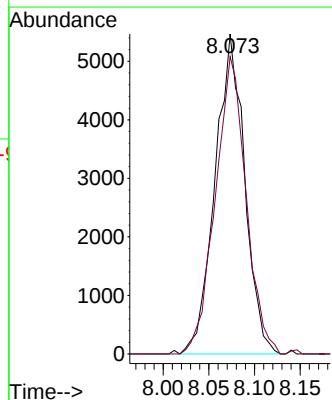
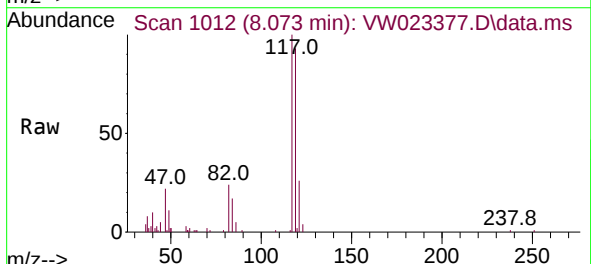
Instrument :
MSVOA_W
ClientSampleId :
DBTY9MSD

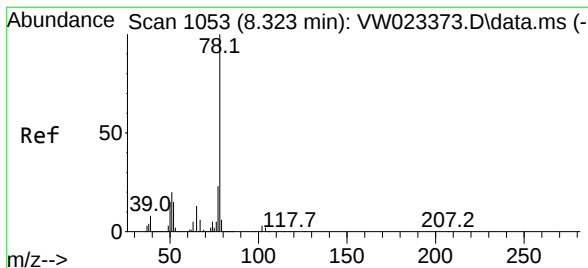
Tgt Ion: 97 Resp: 13936
Ion Ratio Lower Upper
97 100
99 61.6 51.4 77.2
61 48.8 34.7 52.1



#31
Carbon tetrachloride
Concen: 22.786 ug/L
RT: 8.073 min Scan# 1012
Delta R.T. -0.000 min
Lab File: VW023377.D
Acq: 02 Jun 2022 16:16

Tgt Ion: 117 Resp: 12345
Ion Ratio Lower Upper
117 100
119 96.0 75.6 113.4





#33

Benzene

Concen: 21.400 ug/L

RT: 8.329 min Scan# 1105

Delta R.T. 0.006 min

Lab File: VW023377.D

Acq: 02 Jun 2022 16:16

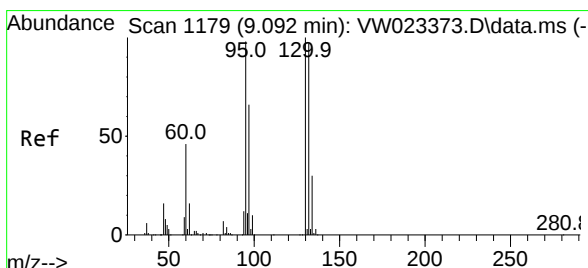
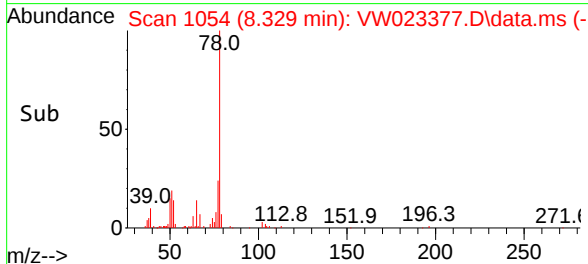
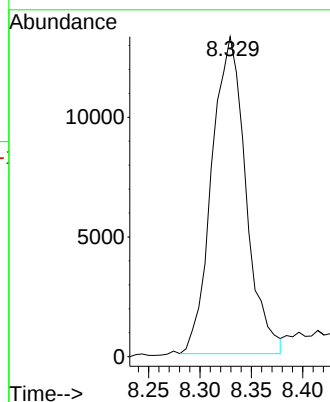
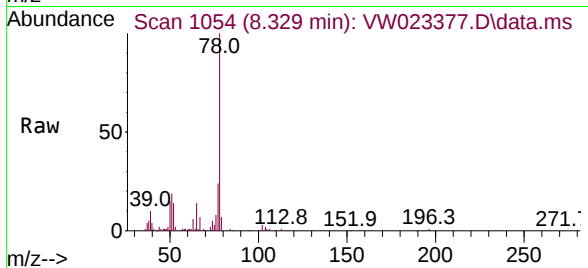
Instrument :

MSVOA_W

ClientSampleId :

DBTY9MSD

Tgt Ion: 78 Resp: 30513



#34

Trichloroethene

Concen: 20.818 ug/L

RT: 9.097 min Scan# 1180

Delta R.T. 0.006 min

Lab File: VW023377.D

Acq: 02 Jun 2022 16:16

Tgt Ion: 95 Resp: 8039

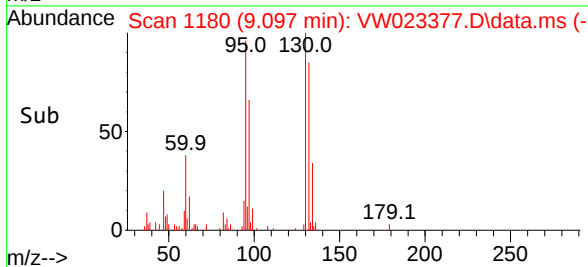
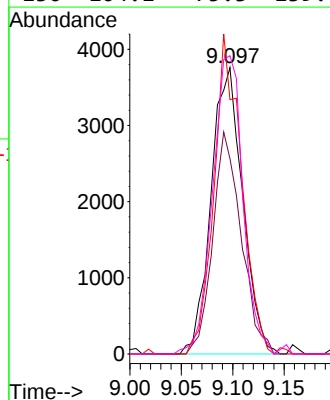
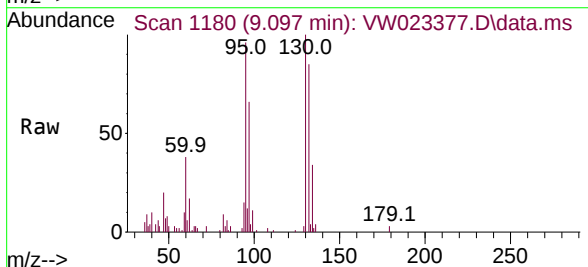
Ion Ratio Lower Upper

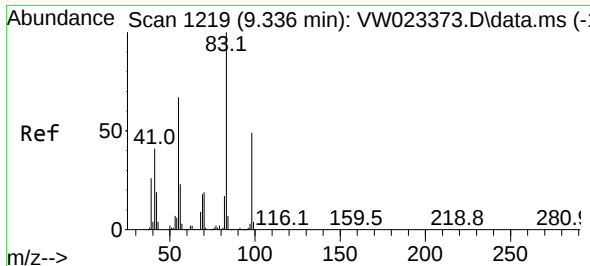
95 100

97 68.2 43.8 81.3

132 88.8 68.9 127.9

130 104.1 75.3 139.8

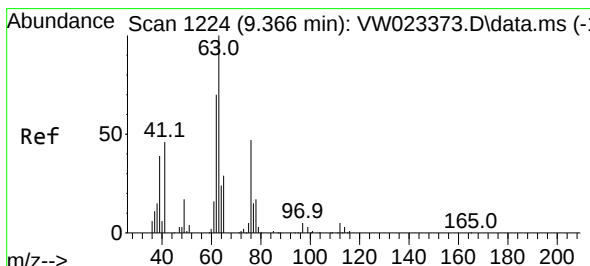
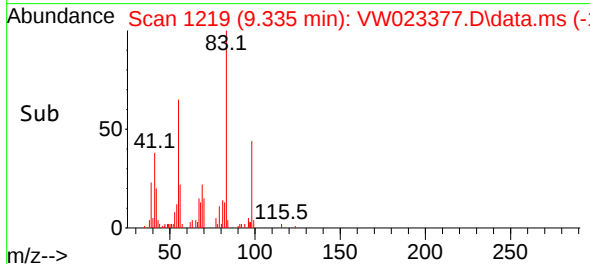
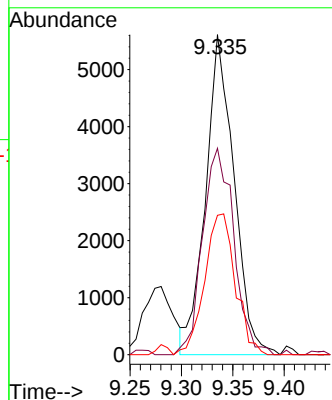
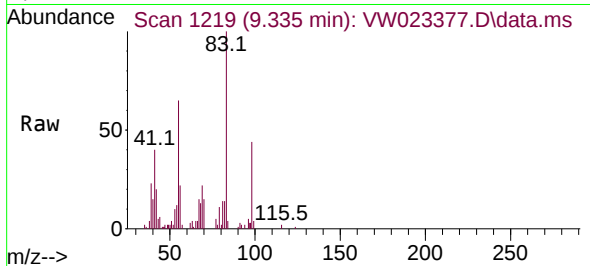




#35
Methylcyclohexane
Concen: 16.847 ug/L
RT: 9.335 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW023377.D
Acq: 02 Jun 2022 16:16

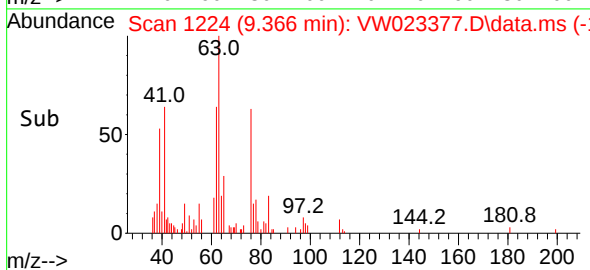
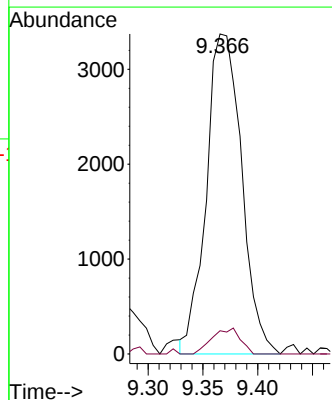
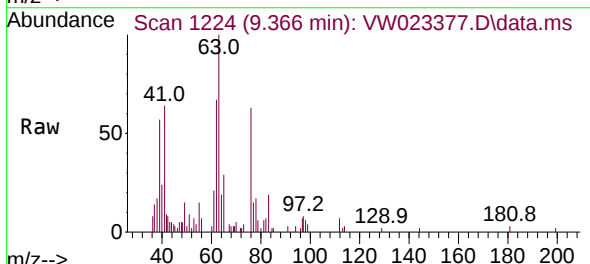
Instrument :
MSVOA_W
ClientSampleId :
DBTY9MSD

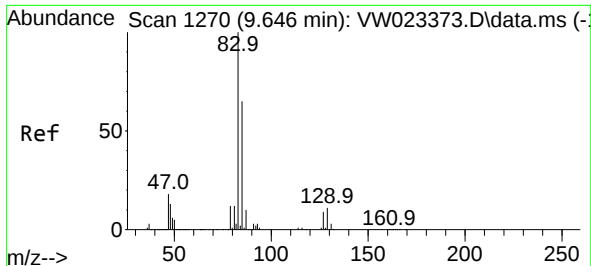
Tgt Ion: 83 Resp: 10778
Ion Ratio Lower Upper
83 100
55 70.3 56.5 84.7
98 47.5 39.7 59.5



#37
1,2-Dichloropropane
Concen: 22.521 ug/L
RT: 9.366 min Scan# 1224
Delta R.T. -0.000 min
Lab File: VW023377.D
Acq: 02 Jun 2022 16:16

Tgt Ion: 63 Resp: 7565
Ion Ratio Lower Upper
63 100
112 6.4 4.0 6.0#

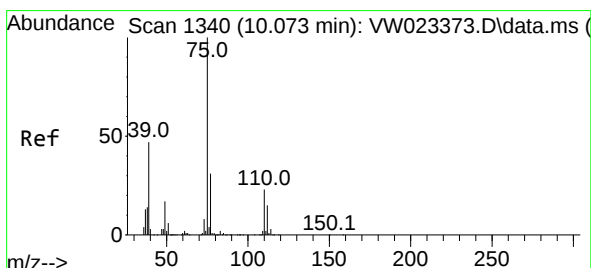
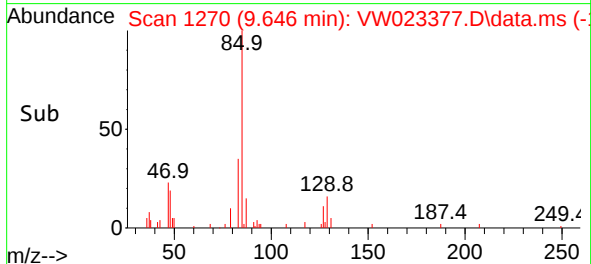
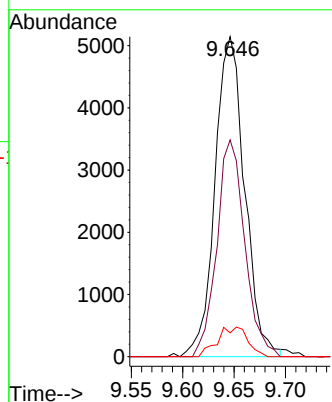
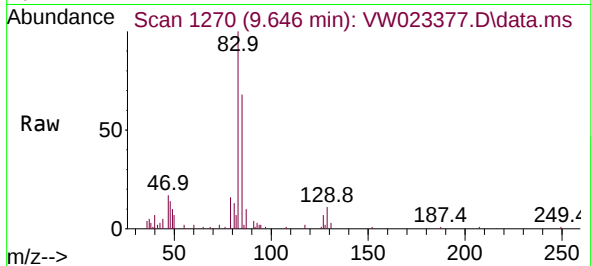




#38
Bromodichloromethane
Concen: 21.689 ug/L
RT: 9.646 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW023377.D
Acq: 02 Jun 2022 16:16

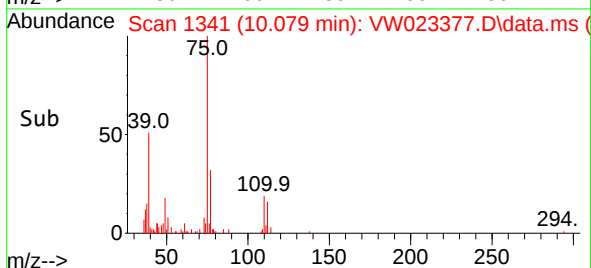
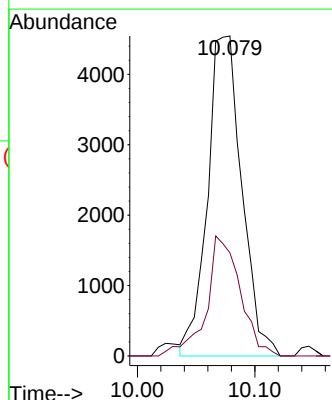
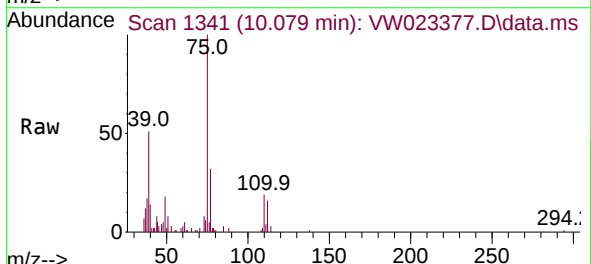
Instrument :
MSVOA_W
ClientSampleId :
DBTY9MSD

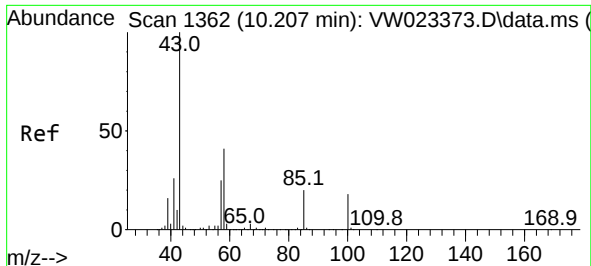
Tgt Ion: 83 Resp: 10313
Ion Ratio Lower Upper
83 100
85 67.8 45.8 85.0
127 7.5 7.4 11.0



#39
cis-1,3-Dichloropropene
Concen: 17.514 ug/L
RT: 10.079 min Scan# 1341
Delta R.T. 0.006 min
Lab File: VW023377.D
Acq: 02 Jun 2022 16:16

Tgt Ion: 75 Resp: 9241
Ion Ratio Lower Upper
75 100
77 32.2 22.1 41.1





#40

4-Methyl-2-pentanone

Concen: 31.480 ug/L

RT: 10.213 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW023377.D

Acq: 02 Jun 2022 16:16

Instrument :

MSVOA_W

ClientSampleId :

DBTY9MSD

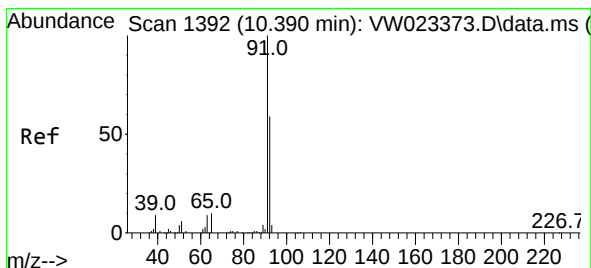
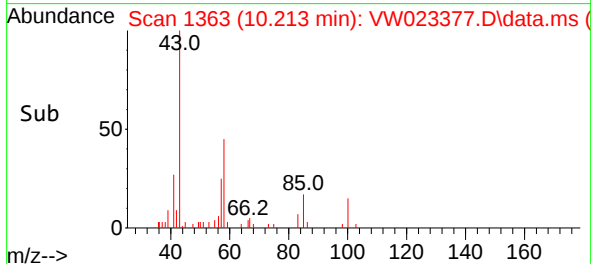
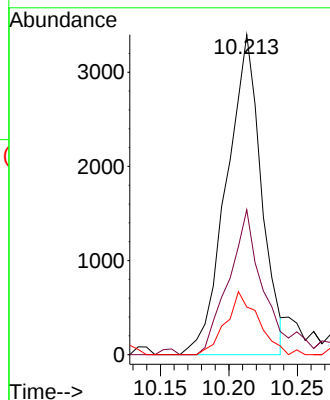
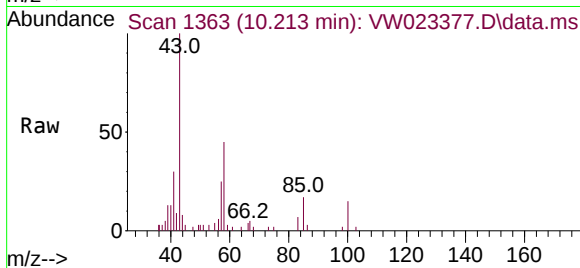
Tgt Ion: 43 Resp: 5993

Ion Ratio Lower Upper

43 100

58 43.5 31.5 47.3

100 18.3 13.7 20.5



#42

Toluene

Concen: 18.767 ug/L

RT: 10.390 min Scan# 1392

Delta R.T. -0.000 min

Lab File: VW023377.D

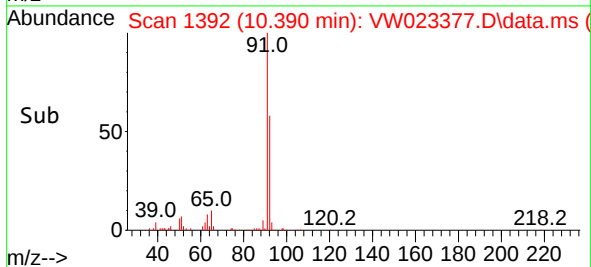
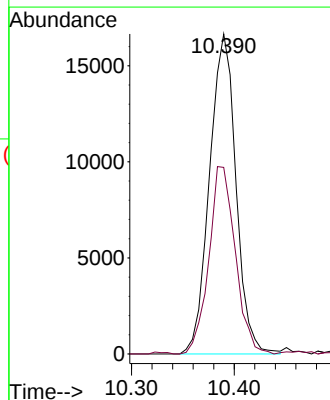
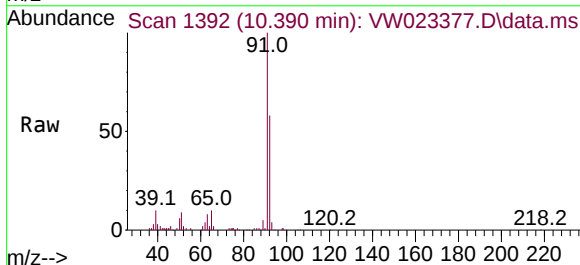
Acq: 02 Jun 2022 16:16

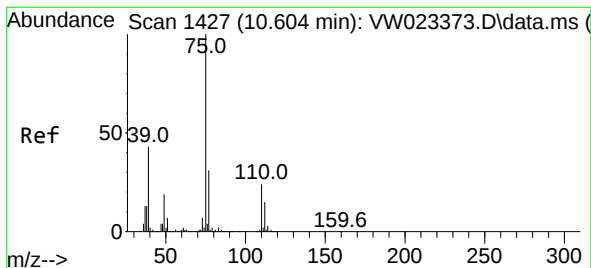
Tgt Ion: 91 Resp: 29727

Ion Ratio Lower Upper

91 100

92 58.3 41.4 76.8





#44

trans-1,3-Dichloropropene

Concen: 16.407 ug/L

RT: 10.609 min Scan# 1427

Delta R.T. 0.006 min

Lab File: VW023377.D

Acq: 02 Jun 2022 16:16

Instrument :

MSVOA_W

ClientSampleId :

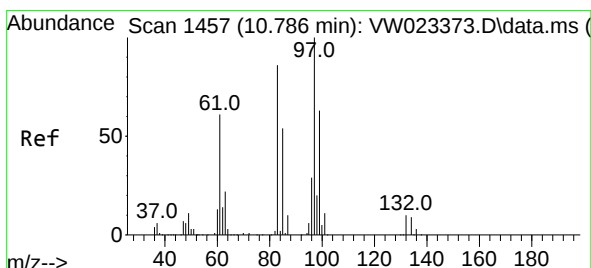
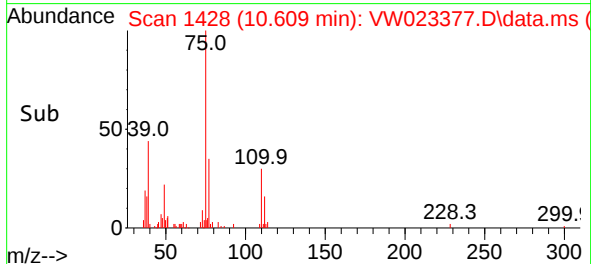
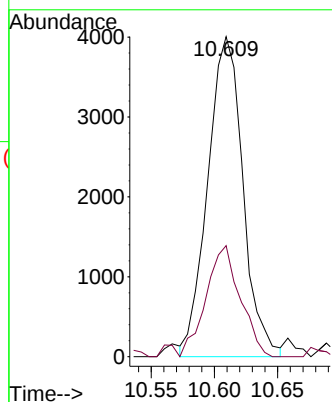
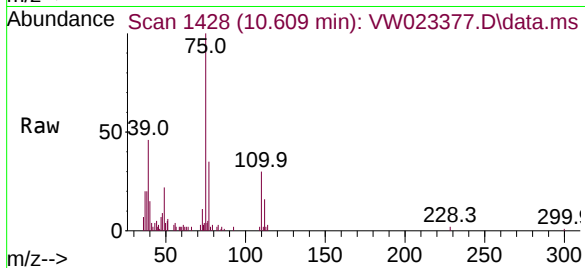
DBTY9MSD

Tgt Ion: 75 Resp: 7746

Ion Ratio Lower Upper

75 100

77 34.7 22.2 41.2



#45

1,1,2-Trichloroethane

Concen: 20.253 ug/L

RT: 10.786 min Scan# 1457

Delta R.T. -0.000 min

Lab File: VW023377.D

Acq: 02 Jun 2022 16:16

Tgt Ion: 97 Resp: 5570

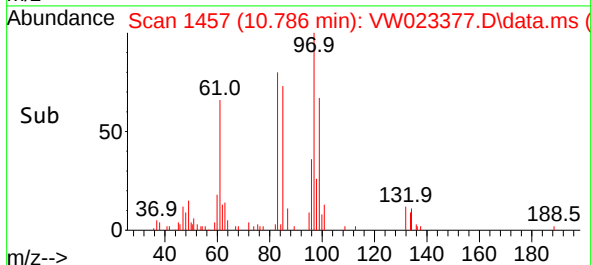
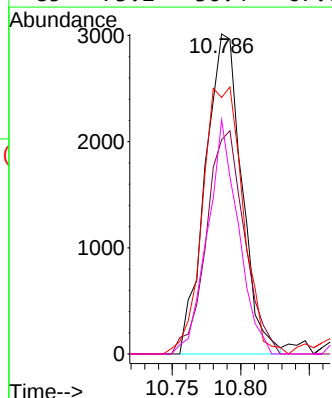
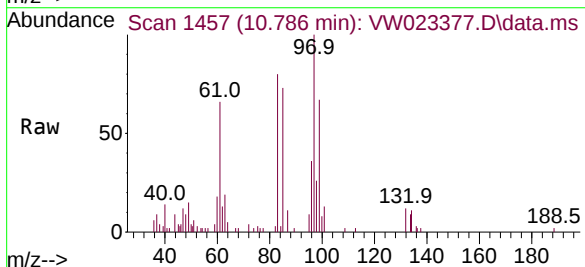
Ion Ratio Lower Upper

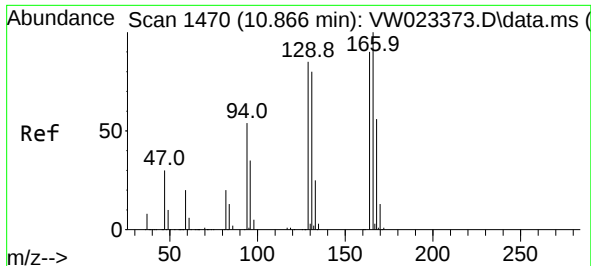
97 100

99 66.9 42.6 79.0

83 80.1 61.2 113.8

85 73.2 36.4 67.6#

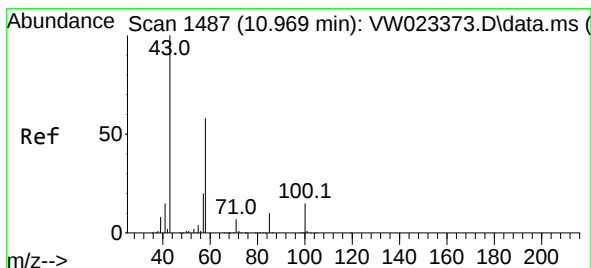
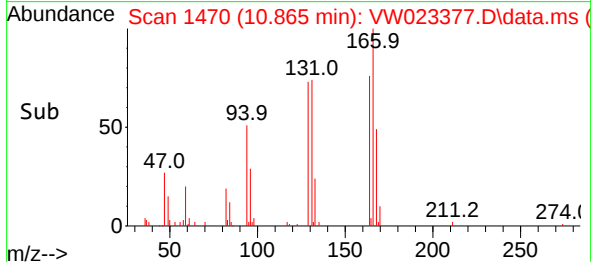
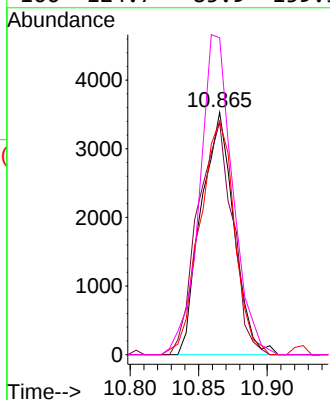
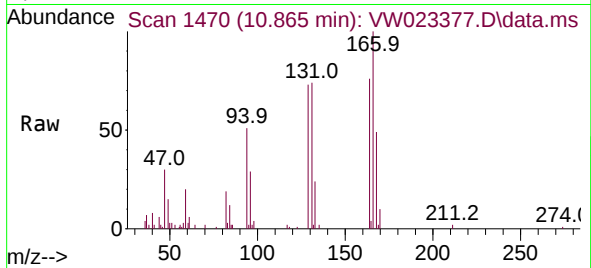




#46
Tetrachloroethene
Concen: 18.958 ug/L
RT: 10.865 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VW023377.D
Acq: 02 Jun 2022 16:16

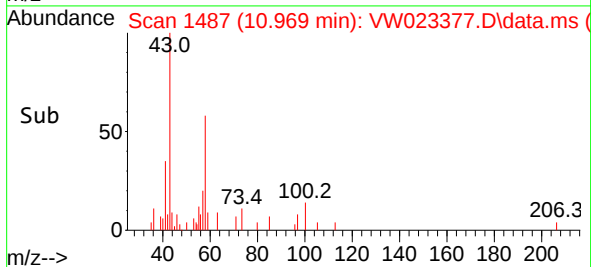
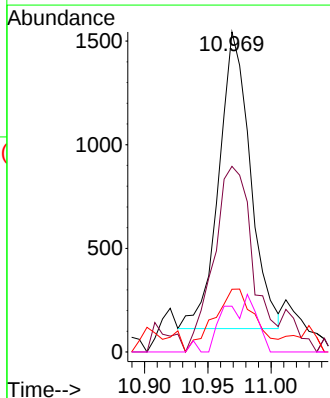
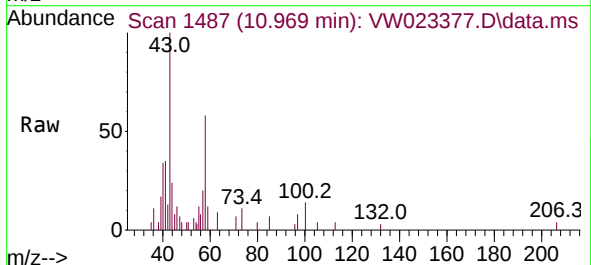
Instrument :
MSVOA_W
ClientSampleId :
DBTY9MSD

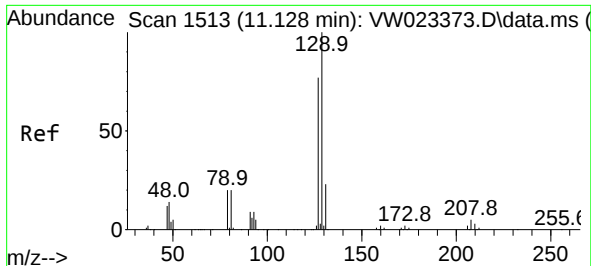
Tgt Ion:	164	Resp:	5862
Ion	Ratio	Lower	Upper
164	100		
129	91.5	61.4	114.0
131	91.8	61.0	113.4
166	124.7	85.9	159.5



#48
2-Hexanone
Concen: 19.459 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW023377.D
Acq: 02 Jun 2022 16:16

Tgt Ion:	43	Resp:	2476
Ion	Ratio	Lower	Upper
43	100		
58	77.9	44.4	66.6#
57	28.2	15.6	23.4#
100	8.4	11.3	16.9#





#49

Dibromochloromethane

Concen: 18.510 ug/L

RT: 11.134 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW023377.D

Acq: 02 Jun 2022 16:16

Instrument :

MSVOA_W

ClientSampleId :

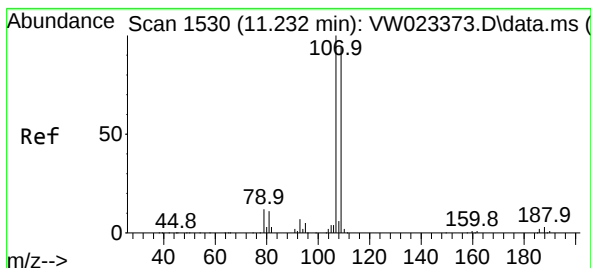
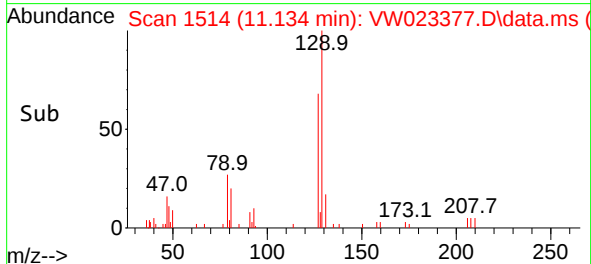
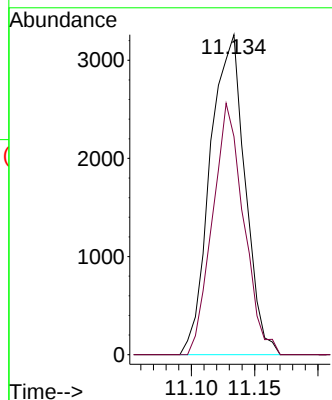
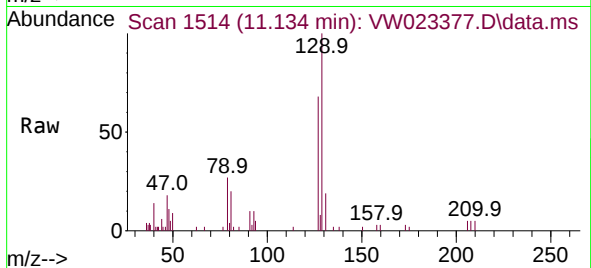
DBTY9MSD

Tgt Ion:129 Resp: 6247

Ion Ratio Lower Upper

129 100

127 68.1 54.2 100.6



#50

1,2-Dibromoethane

Concen: 21.133 ug/L

RT: 11.237 min Scan# 1531

Delta R.T. 0.006 min

Lab File: VW023377.D

Acq: 02 Jun 2022 16:16

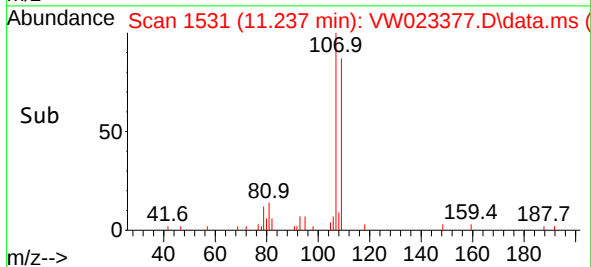
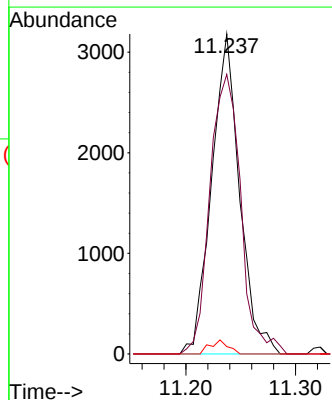
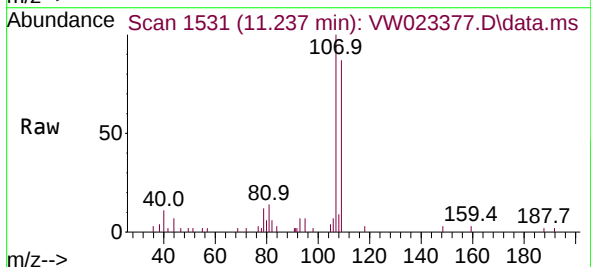
Tgt Ion:107 Resp: 5666

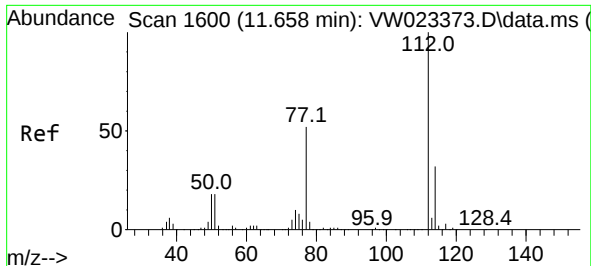
Ion Ratio Lower Upper

107 100

109 87.4 62.4 116.0

188 2.3 2.6 4.0#

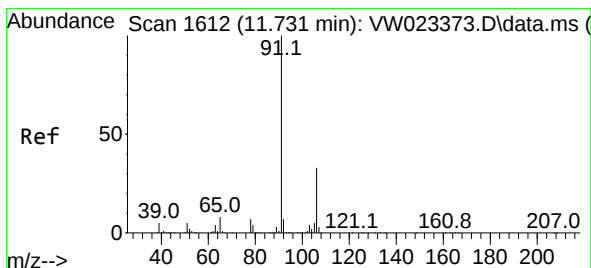
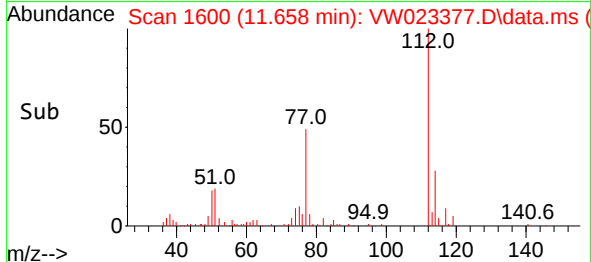
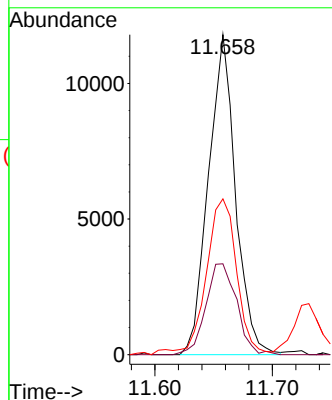
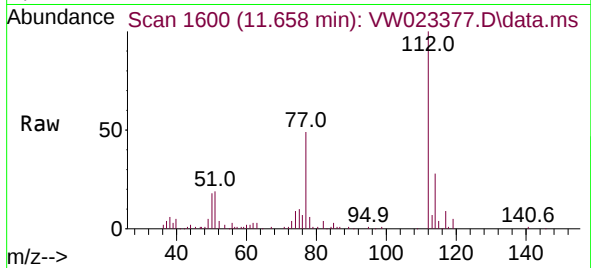




#51
Chlorobenzene
Concen: 18.072 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VW023377.D
Acq: 02 Jun 2022 16:16

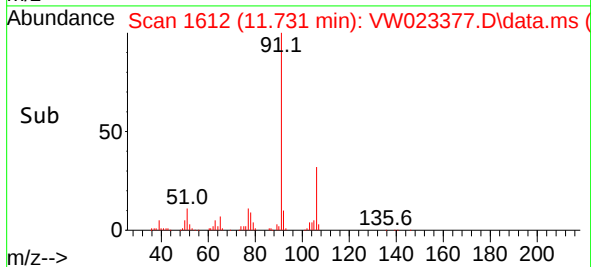
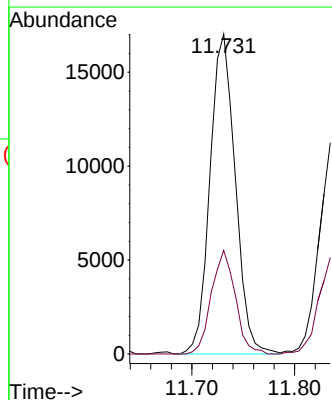
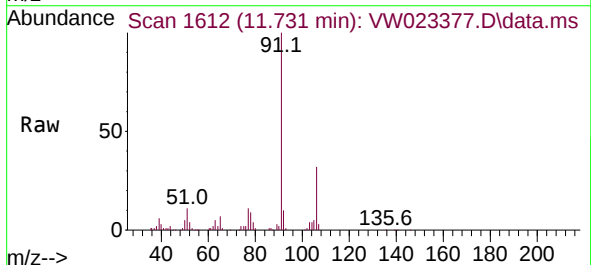
Instrument :
MSVOA_W
ClientSampleId :
DBTY9MSD

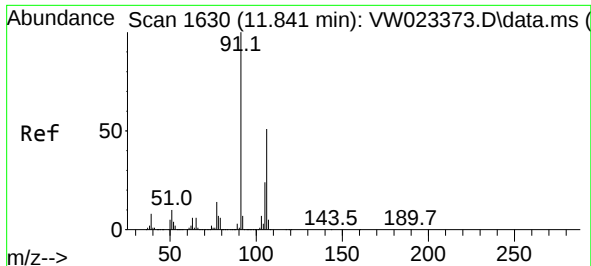
Tgt Ion:112 Resp: 18902
Ion Ratio Lower Upper
112 100
114 28.4 23.2 43.2
77 48.7 43.8 65.6



#52
Ethylbenzene
Concen: 16.738 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW023377.D
Acq: 02 Jun 2022 16:16

Tgt Ion: 91 Resp: 29116
Ion Ratio Lower Upper
91 100
106 32.3 22.4 41.6

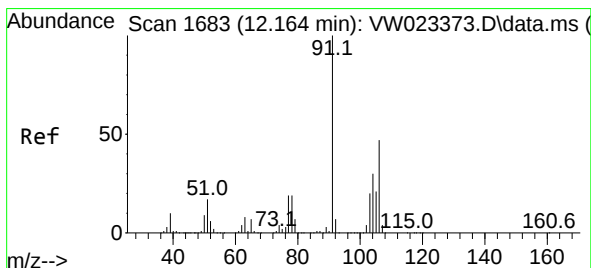
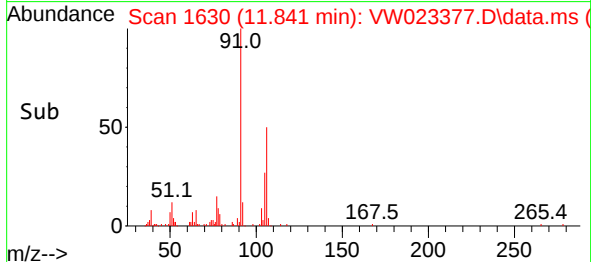
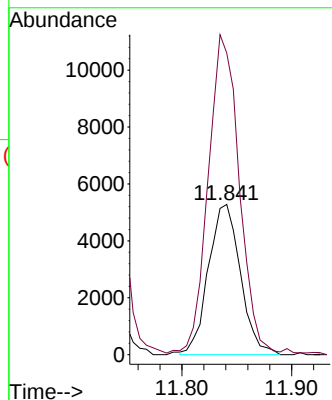
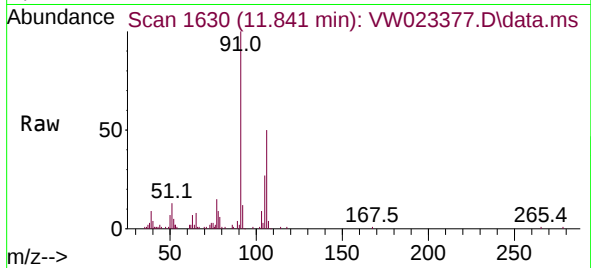




#53
m,p-Xylene
Concen: 15.561 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VW023377.D
Acq: 02 Jun 2022 16:16

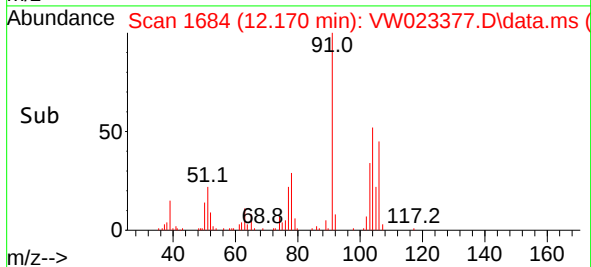
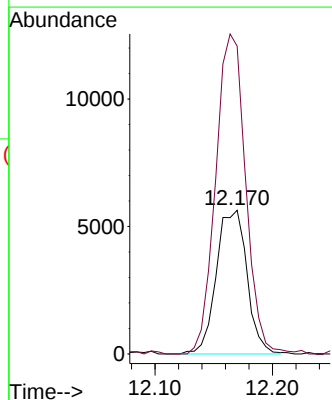
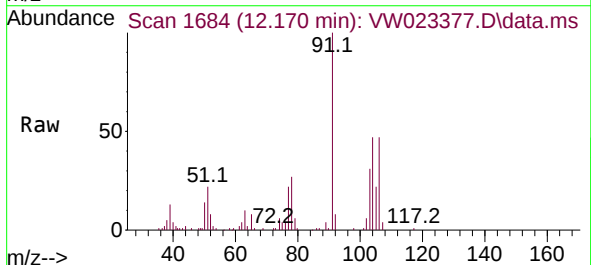
Instrument :
MSVOA_W
ClientSampleId :
DBTY9MSD

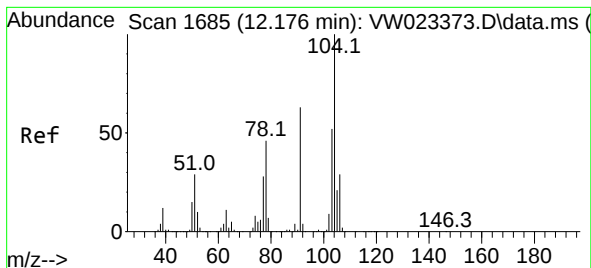
Tgt Ion:106 Resp: 10719
Ion Ratio Lower Upper
106 100
91 200.8 141.7 263.1



#54
o-Xylene
Concen: 15.483 ug/L
RT: 12.170 min Scan# 1684
Delta R.T. 0.006 min
Lab File: VW023377.D
Acq: 02 Jun 2022 16:16

Tgt Ion:106 Resp: 10204
Ion Ratio Lower Upper
106 100
91 214.3 148.0 274.8





#55

Styrene

Concen: 13.769 ug/L

RT: 12.182 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW023377.D

Acq: 02 Jun 2022 16:16

Instrument :

MSVOA_W

ClientSampleId :

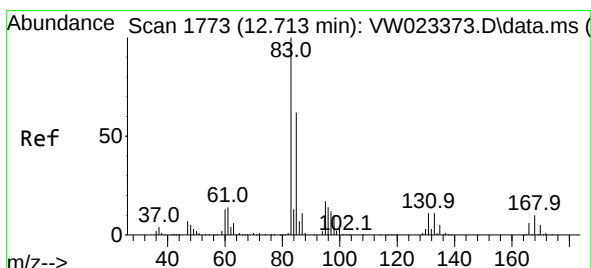
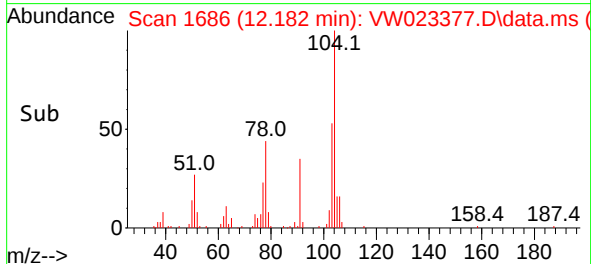
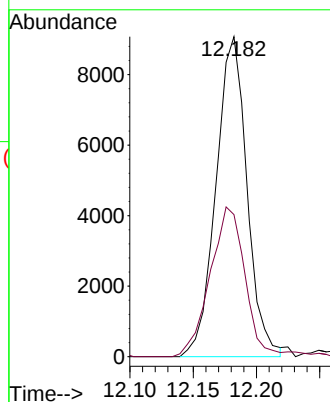
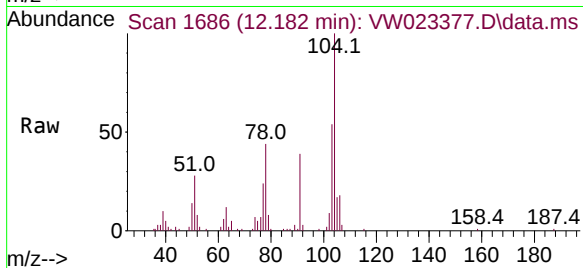
DBTY9MSD

Tgt Ion:104 Resp: 15465

Ion Ratio Lower Upper

104 100

78 44.4 30.3 56.3



#57

1,1,2,2-Tetrachloroethane

Concen: 19.810 ug/L

RT: 12.713 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VW023377.D

Acq: 02 Jun 2022 16:16

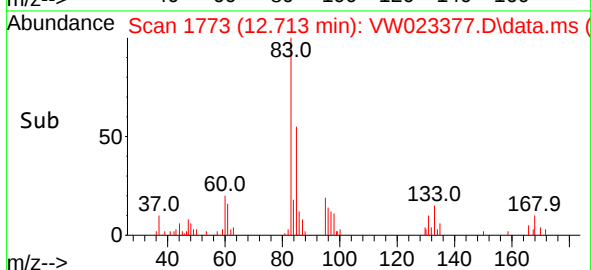
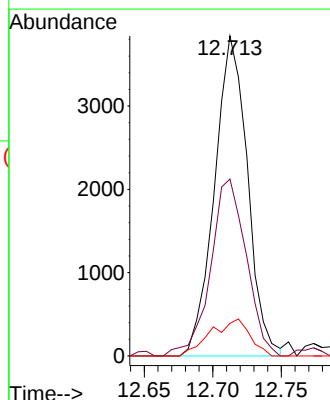
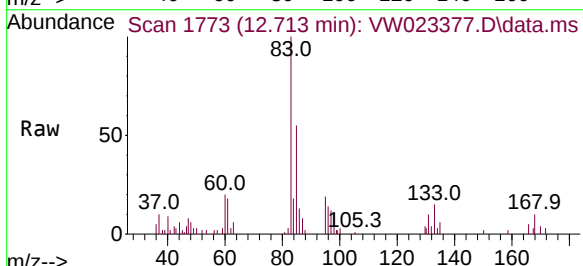
Tgt Ion: 83 Resp: 6435

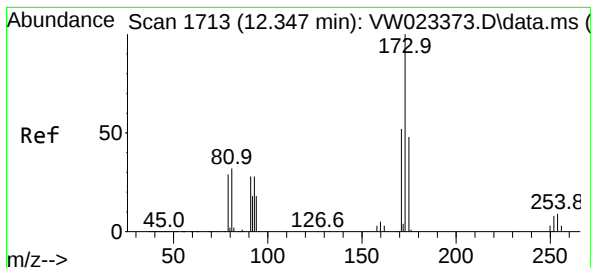
Ion Ratio Lower Upper

83 100

85 55.3 42.4 78.8

131 10.2 7.8 11.6





#59

Bromoform

Concen: 25.155 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. -0.000 min

Lab File: VW023377.D

Acq: 02 Jun 2022 16:16

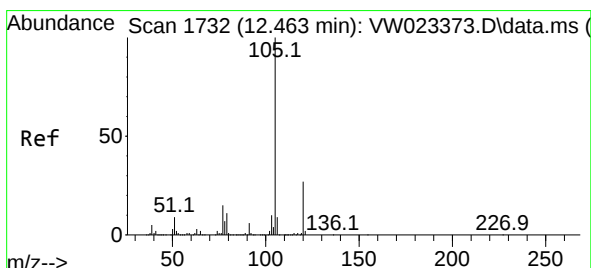
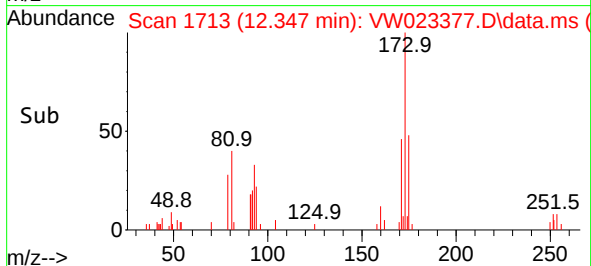
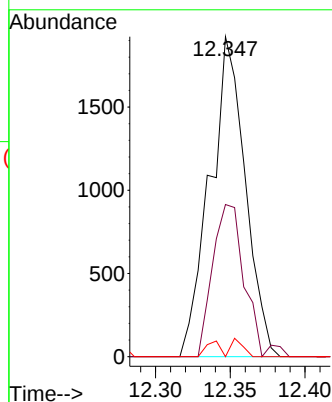
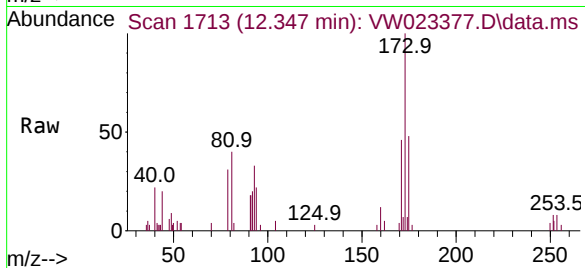
Instrument :

MSVOA_W

ClientSampleId :

DBTY9MSD

Tgt Ion:	173	Resp:	3151
Ion Ratio	Lower	Upper	
173	100		
175	41.8	37.9	56.9
254	1.9	7.1	10.7#



#60

Isopropylbenzene

Concen: 24.457 ug/L

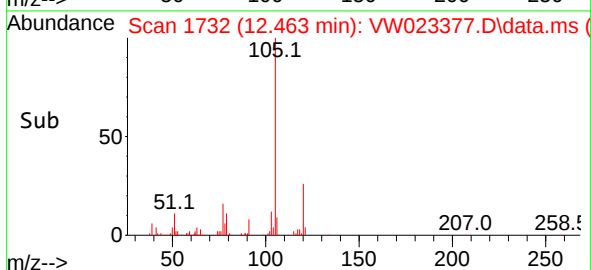
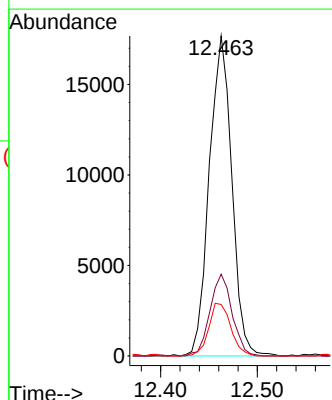
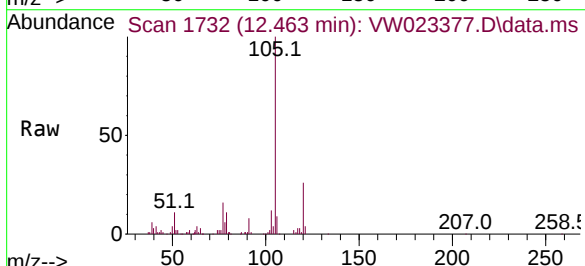
RT: 12.463 min Scan# 1732

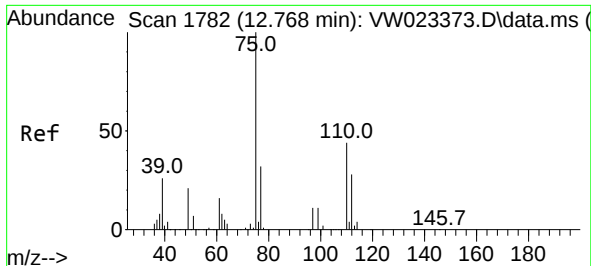
Delta R.T. -0.000 min

Lab File: VW023377.D

Acq: 02 Jun 2022 16:16

Tgt Ion:	105	Resp:	28622
Ion Ratio	Lower	Upper	
105	100		
120	25.0	21.4	32.0
77	16.2	12.4	18.6





#61

1,2,3-Trichloropropane

Concen: 28.113 ug/L

RT: 12.767 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW023377.D

Acq: 02 Jun 2022 16:16

Instrument :

MSVOA_W

ClientSampleId :

DBTY9MSD

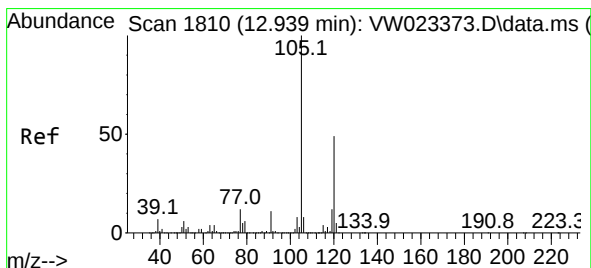
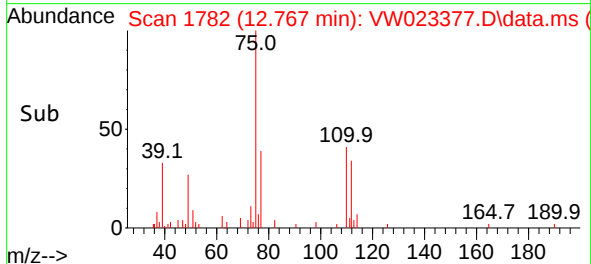
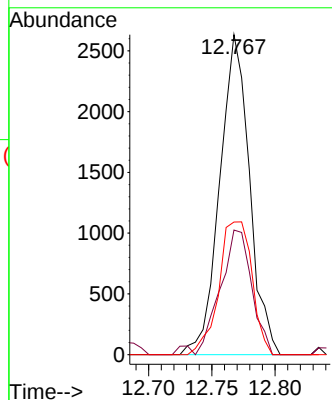
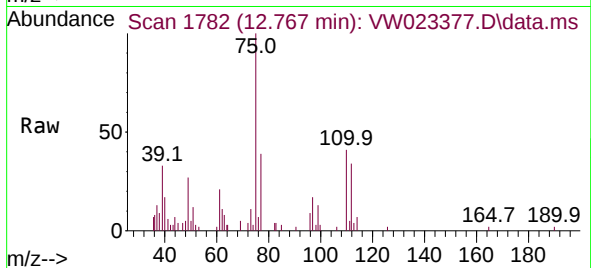
Tgt Ion: 75 Resp: 4312

Ion Ratio Lower Upper

75 100

77 40.9 26.2 39.2#

110 46.2 34.7 52.1



#62

1,3,5-Trimethylbenzene

Concen: 20.284 ug/L

RT: 12.938 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VW023377.D

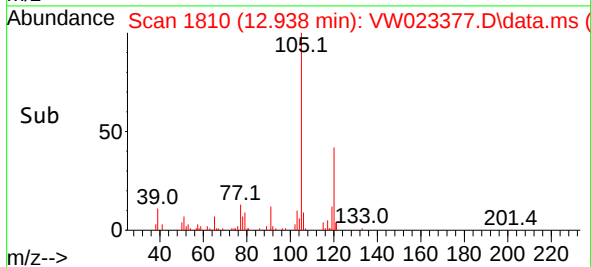
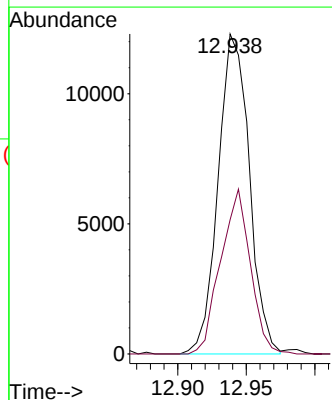
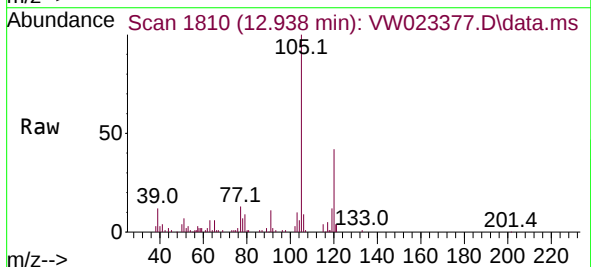
Acq: 02 Jun 2022 16:16

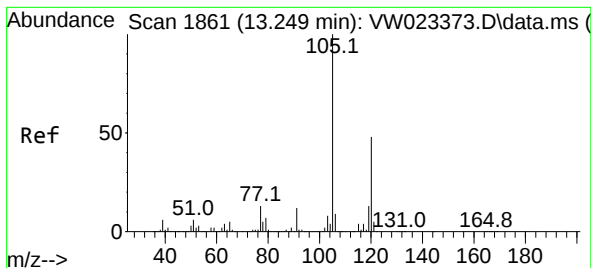
Tgt Ion: 105 Resp: 19450

Ion Ratio Lower Upper

105 100

120 49.3 39.7 59.5





#63

1,2,4-Trimethylbenzene

Concen: 19.322 ug/L

RT: 13.243 min Scan# 11

Delta R.T. -0.007 min

Lab File: VW023377.D

Acq: 02 Jun 2022 16:16

Instrument :

MSVOA_W

ClientSampleId :

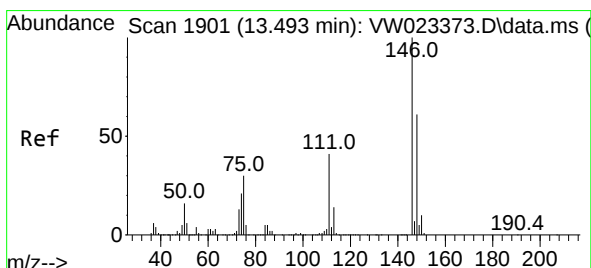
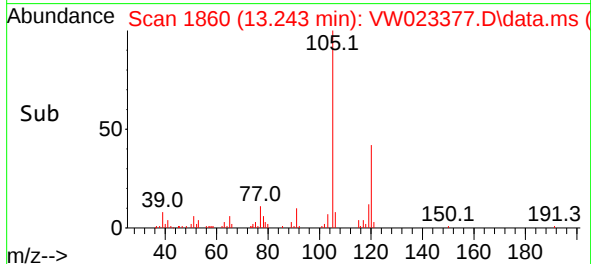
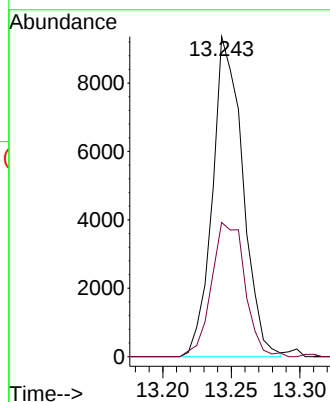
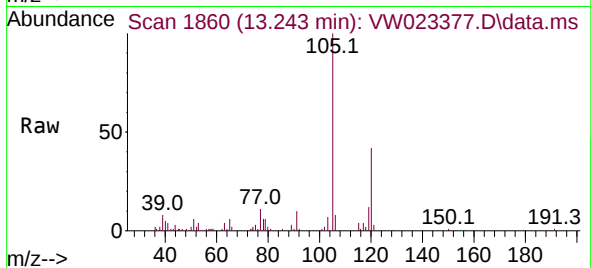
DBTY9MSD

Tgt Ion:105 Resp: 14384

Ion Ratio Lower Upper

105 100

120 45.9 37.2 55.8



#64

1,3-Dichlorobenzene

Concen: 19.258 ug/L

RT: 13.493 min Scan# 1901

Delta R.T. -0.000 min

Lab File: VW023377.D

Acq: 02 Jun 2022 16:16

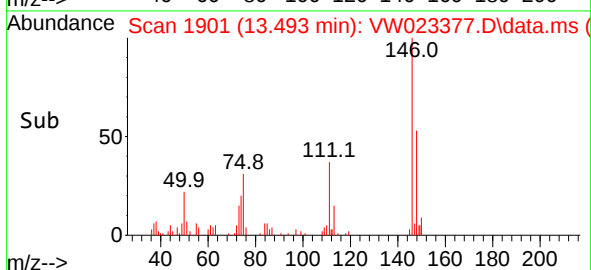
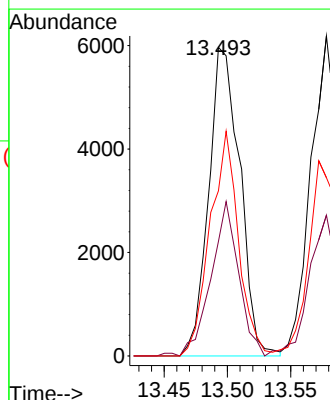
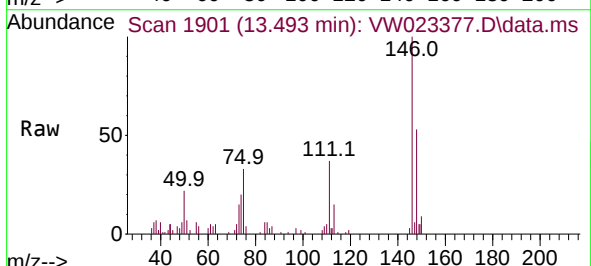
Tgt Ion:146 Resp: 10246

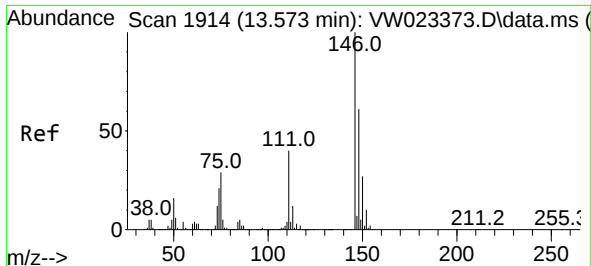
Ion Ratio Lower Upper

146 100

111 37.1 28.7 53.3

148 53.5 44.1 81.9

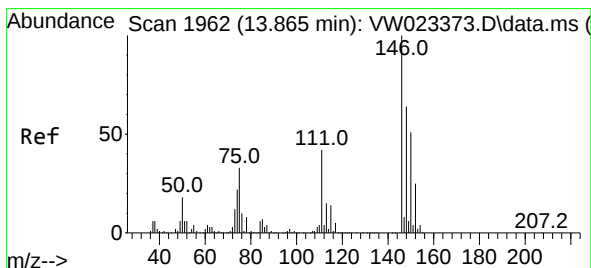
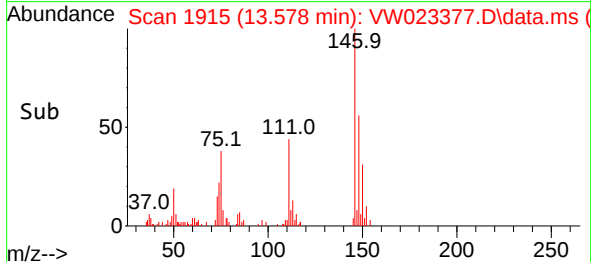
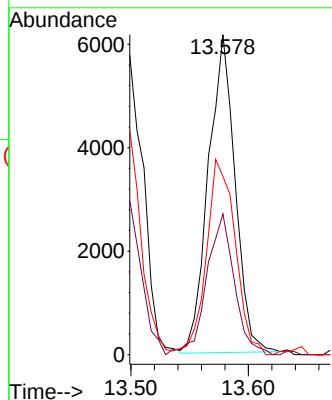
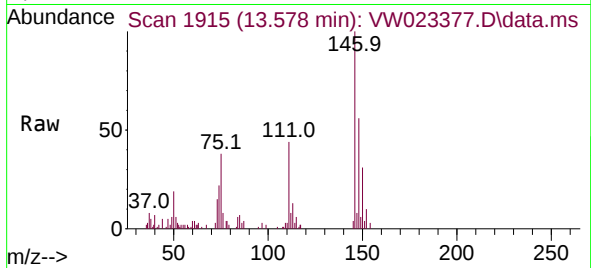




#65
1,4-Dichlorobenzene
Concen: 17.914 ug/L
RT: 13.578 min Scan# 1914
Delta R.T. 0.006 min
Lab File: VW023377.D
Acq: 02 Jun 2022 16:16

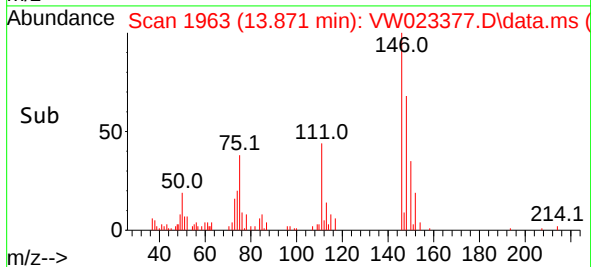
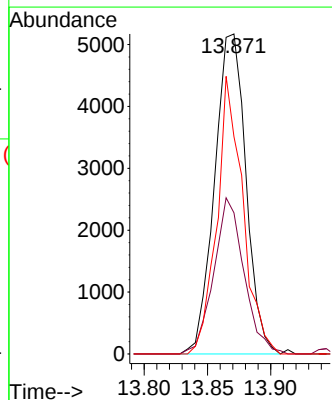
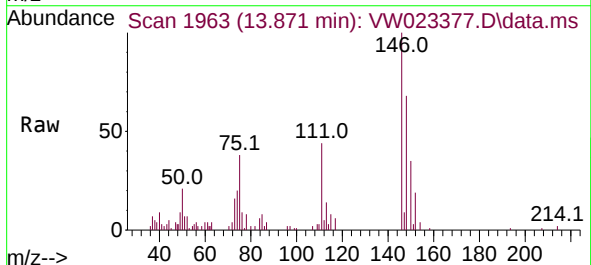
Instrument :
MSVOA_W
ClientSampleId :
DBTY9MSD

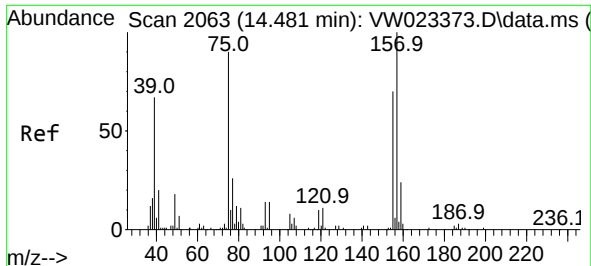
Tgt Ion:146 Resp: 9743
Ion Ratio Lower Upper
146 100
111 44.0 26.9 49.9
148 55.7 44.1 81.9



#67
1,2-Dichlorobenzene
Concen: 18.559 ug/L
RT: 13.871 min Scan# 1963
Delta R.T. 0.006 min
Lab File: VW023377.D
Acq: 02 Jun 2022 16:16

Tgt Ion:146 Resp: 8925
Ion Ratio Lower Upper
146 100
111 44.1 31.7 47.5
148 67.9 49.8 74.8

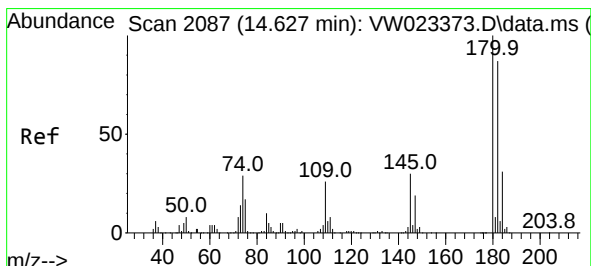
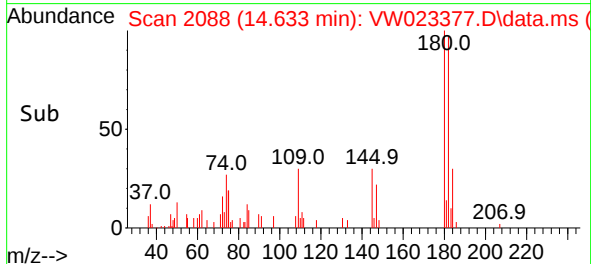
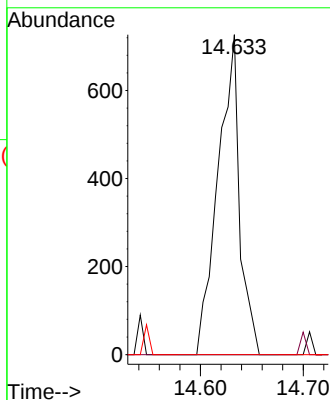
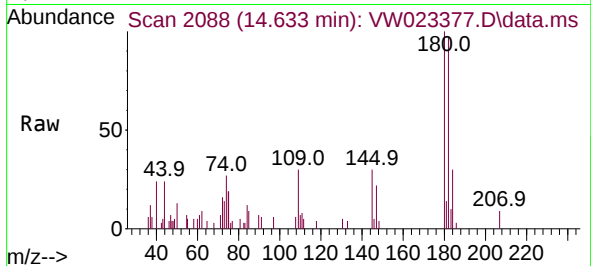




#68
1,2-Dibromo-3-chloropropane
Concen: 31.027 ug/L
RT: 14.633 min Scan# 2063
Delta R.T. 0.152 min
Lab File: VW023377.D
Acq: 02 Jun 2022 16:16

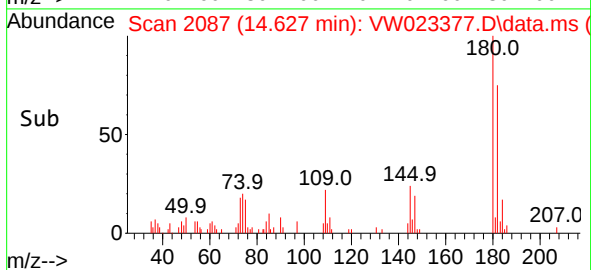
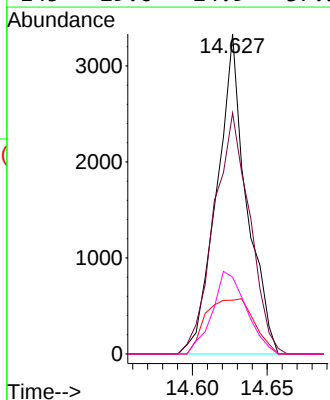
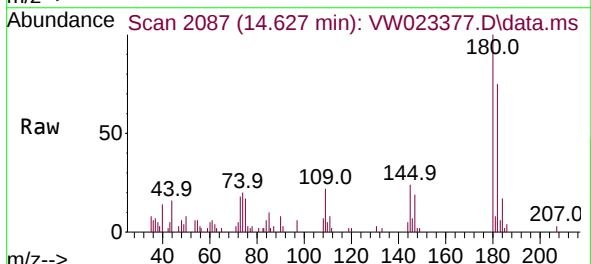
Instrument :
MSVOA_W
ClientSampleId :
DBTY9MSD

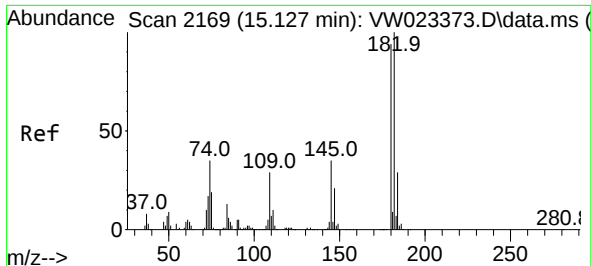
Tgt Ion: 75 Resp: 1060
Ion Ratio Lower Upper
75 100
155 0.0 66.7 100.1#
157 0.0 92.6 139.0#



#69
1,3,5-Trichlorobenzene
Concen: 13.117 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. -0.000 min
Lab File: VW023377.D
Acq: 02 Jun 2022 16:16

Tgt Ion:180 Resp: 4609
Ion Ratio Lower Upper
180 100
182 90.4 76.6 115.0
184 27.8 23.4 35.2
145 29.6 24.9 37.3

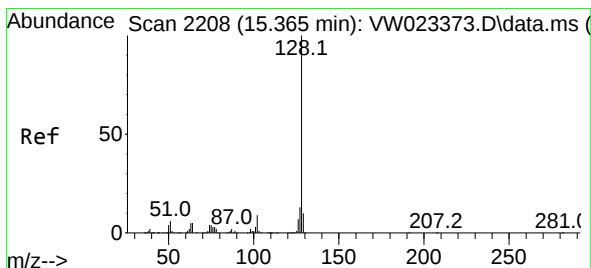
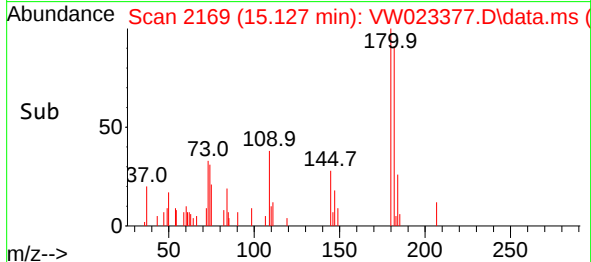
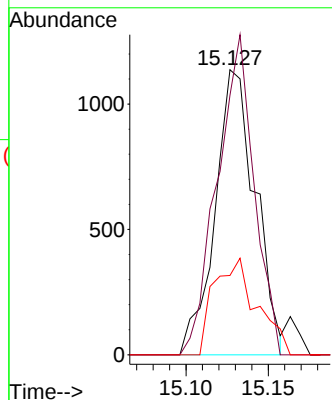
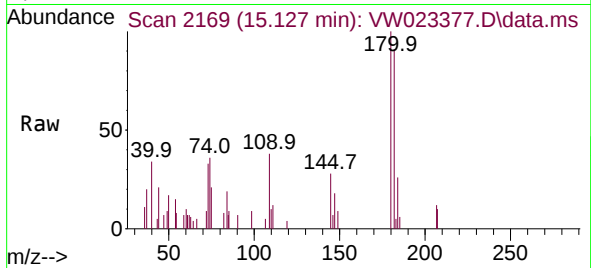




#70
1,2,4-trichlorobenzene
Concen: 6.938 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. -0.000 min
Lab File: VW023377.D
Acq: 02 Jun 2022 16:16

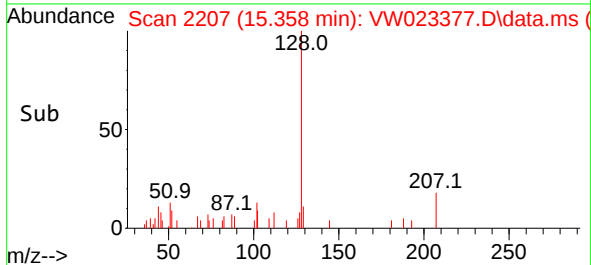
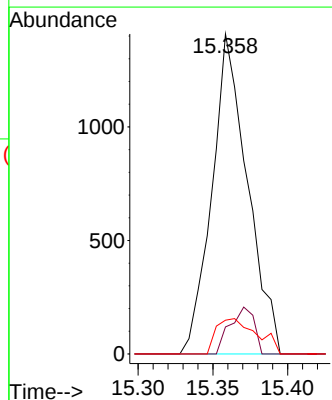
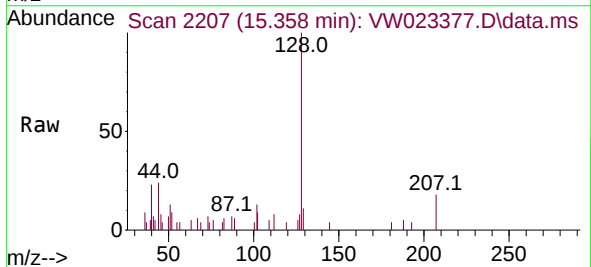
Instrument :
MSVOA_W
ClientSampleId :
DBTY9MSD

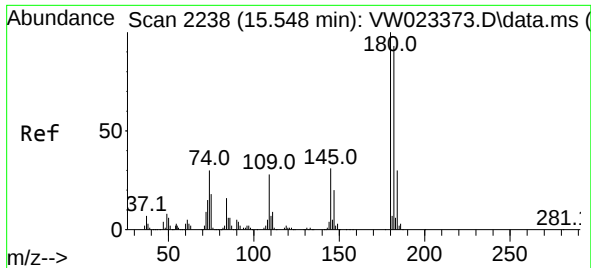
Tgt Ion:180 Resp: 1937
Ion Ratio Lower Upper
180 100
182 102.5 75.0 112.6
145 24.8 25.7 38.5#



#71
Naphthalene
Concen: 4.429 ug/L
RT: 15.358 min Scan# 2207
Delta R.T. -0.007 min
Lab File: VW023377.D
Acq: 02 Jun 2022 16:16

Tgt Ion:128 Resp: 2328
Ion Ratio Lower Upper
128 100
127 10.0 10.5 15.7#
129 11.2 8.6 13.0





#72
 1,2,3-Trichlorobenzene
 Concen: 3.936 ug/L
 RT: 15.554 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VW023377.D
 Acq: 02 Jun 2022 16:16

Instrument :
 MSVOA_W
 ClientSampleId :
 DBTY9MSD

Tgt Ion	Ratio	Lower	Upper
180	100		
182	83.5	74.6	112.0
145	23.1	28.0	42.0

