

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071922\
 Data File : VW023942.D
 Acq On : 20 Jul 2022 17:43
 Operator : SY/VA
 Sample : N3741-02MS
 Misc : 6.61g/10mL/MSVOA_W/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 H0B12MS

Quant Time: Jul 21 00:24:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Jul 21 00:18:55 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	249215	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	233311	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	97771	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	118913	18.682	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.720%
7) Chloroethane-d5	2.873	69	89728	21.131	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.520%
11) 1,1-Dichloroethene-d2	4.013	63	115093	22.205	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	88.840%
21) 2-Butanone-d5	7.080	46	63613	64.431	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	128.860%
24) Chloroform-d	7.647	84	175889	24.241	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.960%
26) 1,2-Dichloroethane-d4	8.305	65	102891	23.186	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.760%
32) Benzene-d6	8.275	84	306316	25.256	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.040%
36) 1,2-Dichloropropane-d6	9.274	67	97537	26.699	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.800%
41) Toluene-d8	10.323	98	284251	23.106	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.440%
43) trans-1,3-Dichloroprop...	10.579	79	43679	25.507	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	102.040%
47) 2-Hexanone-d5	10.921	63	55695	72.500	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	145.000%#
56) 1,1,2,2-Tetrachloroeth...	12.689	84	119167	29.517	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	118.080%
66) 1,2-Dichlorobenzene-d4	13.847	152	81877	23.459	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.840%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.001	85	56898	33.597	ug/L	98
3) Chloromethane	2.209	50	99772	24.057	ug/L	96
5) Vinyl chloride	2.349	62	145484	20.428	ug/L	95
6) Bromomethane	2.763	94	76348	16.574	ug/L	96
8) Chloroethane	2.916	64	73642	22.103	ug/L	99
9) Trichlorofluoromethane	3.245	101	51749	15.985	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.050	101	79762	25.176	ug/L	99
12) 1,1-Dichloroethene	4.032	96	62922	23.818	ug/L	99
13) Acetone	4.123	43	51322	73.524	ug/L	96
14) Carbon disulfide	4.379	76	149181	19.197	ug/L	99
15) Methyl Acetate	4.672	43	36987	23.675	ug/L	100
16) Methylene chloride	4.922	84	91993	23.606	ug/L	99
17) trans-1,2-Dichloroethene	5.422	96	74908	23.370	ug/L	96
18) Methyl tert-butyl Ether	5.428	73	139109	28.053	ug/L	98
19) 1,1-Dichloroethane	6.208	63	148955	25.193	ug/L	98
20) cis-1,2-Dichloroethene	7.165	96	92445	26.034	ug/L #	92
22) 2-Butanone	7.177	43	72719	63.392	ug/L	99
23) Bromochloromethane	7.513	128	48634	28.510	ug/L	94
25) Chloroform	7.671	83	177761	26.098	ug/L	95

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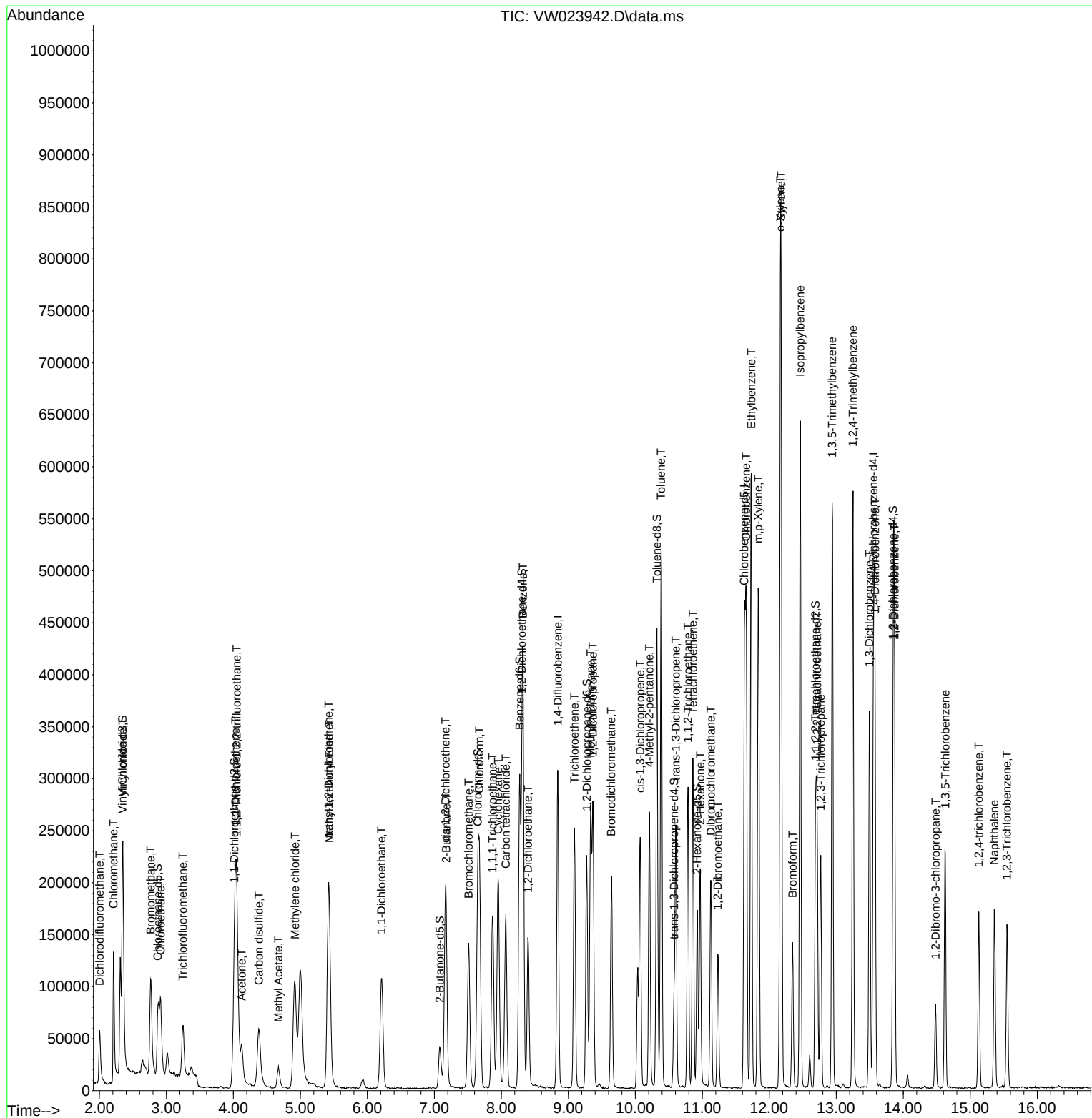
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	126728	25.280	ug/L	99
29) Cyclohexane	7.952	56	97824	22.925	ug/L	99
30) 1,1,1-Trichloroethane	7.866	97	132866	26.301	ug/L	99
31) Carbon tetrachloride	8.067	117	117121	25.719	ug/L	98
33) Benzene	8.323	78	350948	26.470	ug/L	100
34) Trichloroethene	9.092	95	87762	25.067	ug/L	90
35) Methylcyclohexane	9.335	83	103333	19.382	ug/L	98
37) 1,2-Dichloropropane	9.366	63	92066	27.698	ug/L	99
38) Bromodichloromethane	9.640	83	132269	28.512	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	134661	26.878	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	164472	71.107	ug/L	97
42) Toluene	10.384	91	378764	25.050	ug/L	98
44) trans-1,3-Dichloropropene	10.604	75	130260	27.355	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	89382	30.753	ug/L	92
46) Tetrachloroethene	10.860	164	60556	22.369	ug/L	98
48) 2-Hexanone	10.969	43	127700	75.829	ug/L	99
49) Dibromochloromethane	11.128	129	99003	29.373	ug/L	100
50) 1,2-Dibromoethane	11.231	107	81874	29.322	ug/L	91
51) Chlorobenzene	11.652	112	239533	23.489	ug/L	99
52) Ethylbenzene	11.731	91	404017	23.513	ug/L	100
53) m,p-Xylene	11.835	106	153567	22.907	ug/L	95
54) o-Xylene	12.164	106	150027	23.303	ug/L	97
55) Styrene	12.176	104	251001	22.068	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	120195	30.319	ug/L	98
59) Bromoform	12.347	173	58358	40.479	ug/L	97
60) Isopropylbenzene	12.463	105	391084	29.777	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	86059	40.143	ug/L	95
62) 1,3,5-Trimethylbenzene	12.938	105	291362	27.097	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	291028	27.071	ug/L	98
64) 1,3-Dichlorobenzene	13.493	146	149410	25.056	ug/L	99
65) 1,4-Dichlorobenzene	13.579	146	152977	24.113	ug/L	94
67) 1,2-Dichlorobenzene	13.871	146	145119	25.804	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	18705	37.829	ug/L #	69
69) 1,3,5-Trichlorobenzene	14.627	180	65519	16.600	ug/L	92
70) 1,2,4-trichlorobenzene	15.127	180	47728	15.660	ug/L	94
71) Naphthalene	15.359	128	133584	20.433	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	45113	15.881	ug/L	100

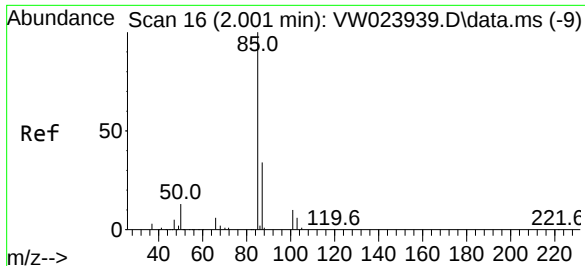
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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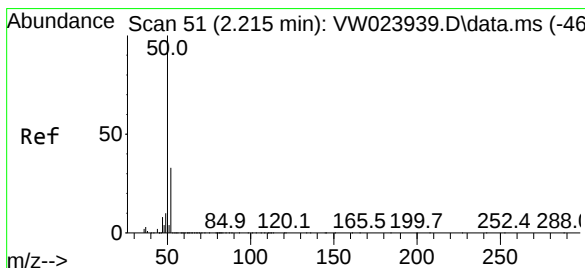
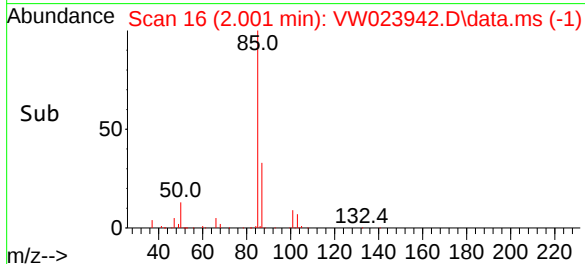
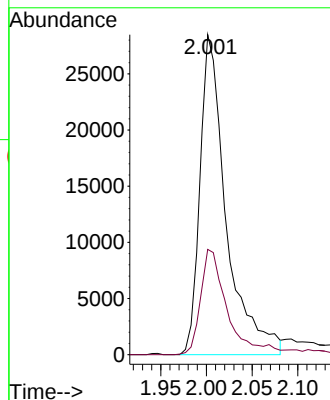
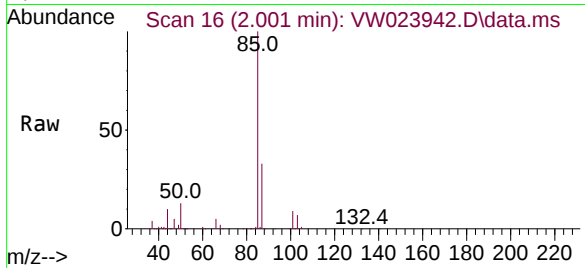




#2
Dichlorodifluoromethane
Concen: 33.597 ug/L
RT: 2.001 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW023942.D
Acq: 20 Jul 2022 17:43

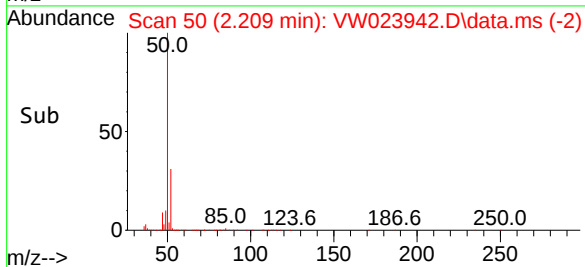
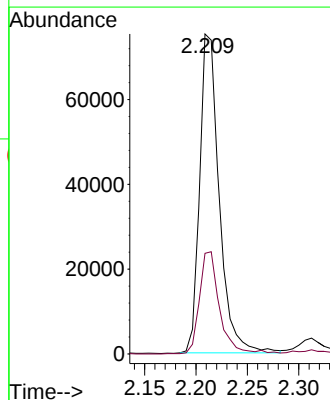
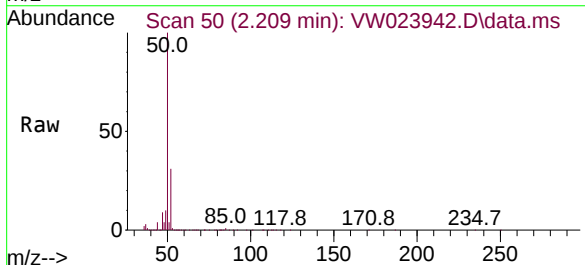
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ClientSampleId :
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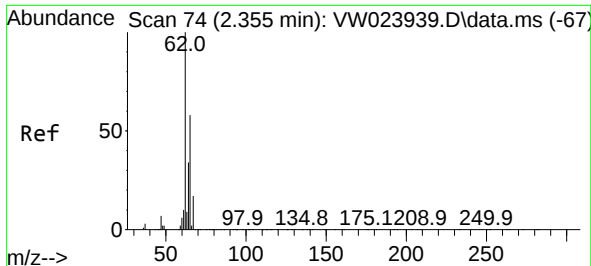
Tgt Ion: 85 Resp: 56898
Ion Ratio Lower Upper
85 100
87 32.0 24.7 37.1



#3
Chloromethane
Concen: 24.057 ug/L
RT: 2.209 min Scan# 50
Delta R.T. -0.006 min
Lab File: VW023942.D
Acq: 20 Jul 2022 17:43

Tgt Ion: 50 Resp: 99772
Ion Ratio Lower Upper
50 100
52 31.4 23.7 44.1

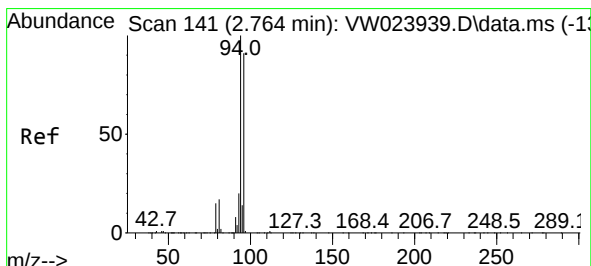
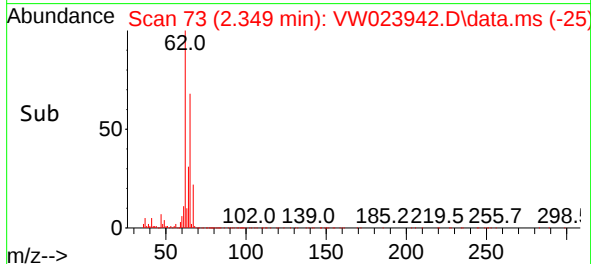
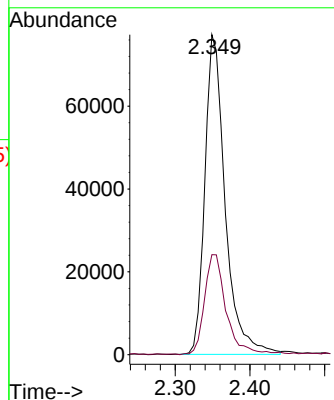
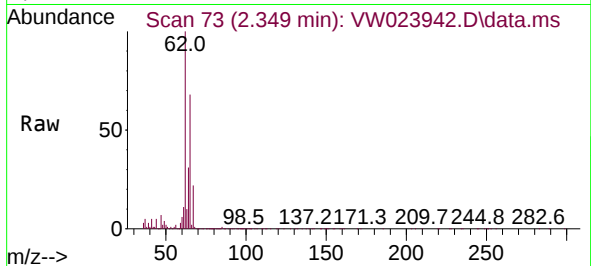




#5
 Vinyl chloride
 Concen: 20.428 ug/L
 RT: 2.349 min Scan# 74
 Delta R.T. -0.006 min
 Lab File: VW023942.D
 Acq: 20 Jul 2022 17:43

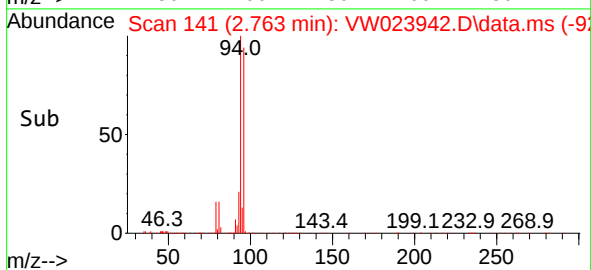
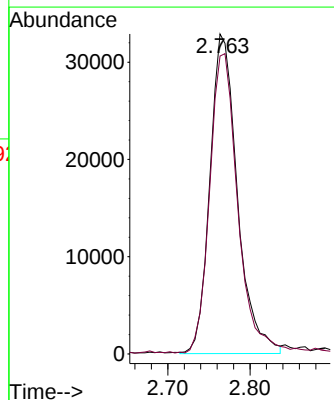
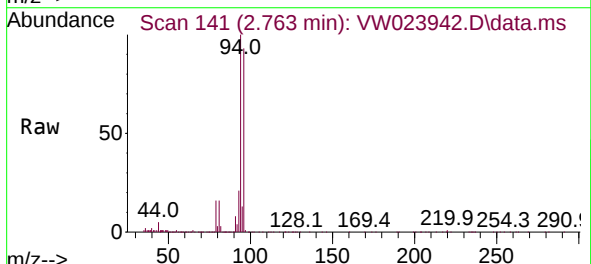
Instrument :
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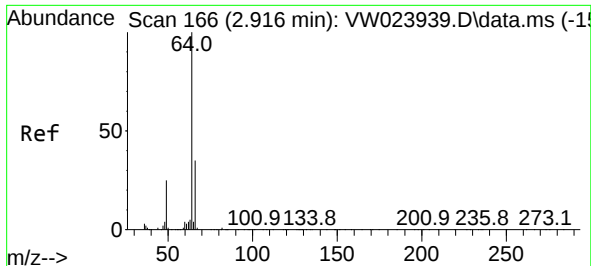
Tgt Ion: 62 Resp: 145484
 Ion Ratio Lower Upper
 62 100
 64 31.3 24.0 44.6



#6
 Bromomethane
 Concen: 16.574 ug/L
 RT: 2.763 min Scan# 141
 Delta R.T. -0.000 min
 Lab File: VW023942.D
 Acq: 20 Jul 2022 17:43

Tgt Ion: 94 Resp: 76348
 Ion Ratio Lower Upper
 94 100
 96 93.1 68.2 126.6

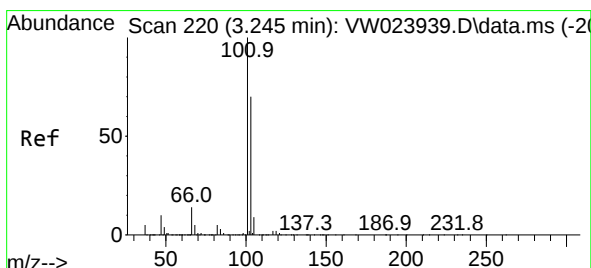
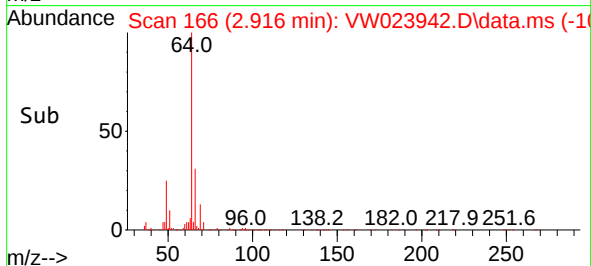
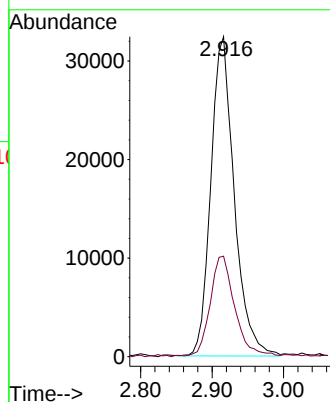
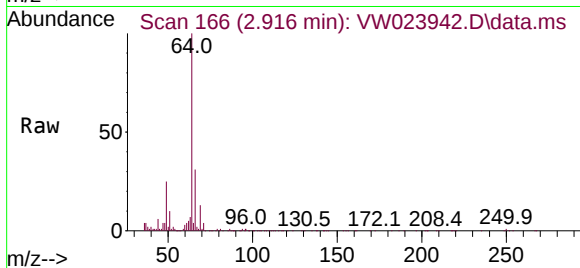




#8
Chloroethane
Concen: 22.103 ug/L
RT: 2.916 min Scan# 166
Delta R.T. -0.000 min
Lab File: VW023942.D
Acq: 20 Jul 2022 17:43

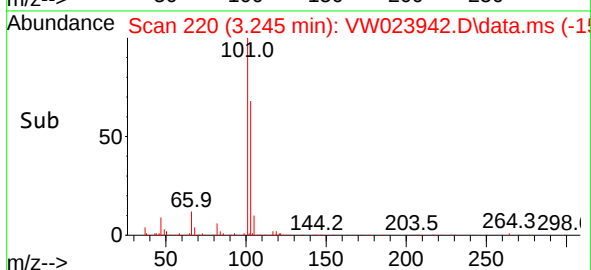
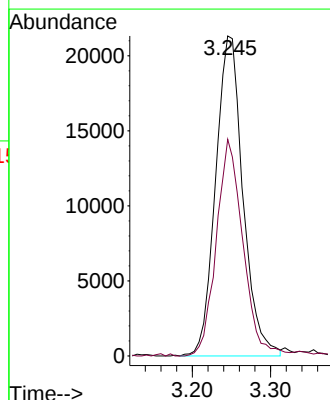
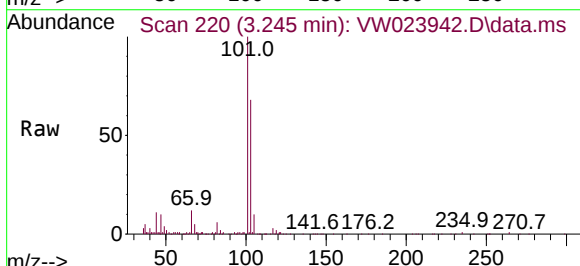
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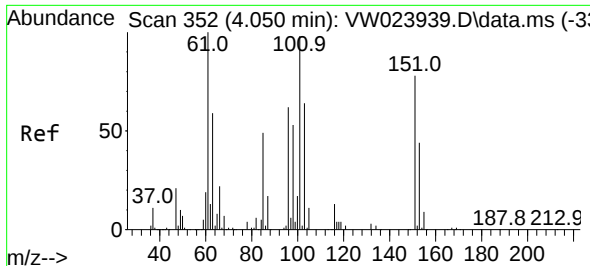
Tgt Ion: 64 Resp: 73642
Ion Ratio Lower Upper
64 100
66 31.4 22.4 41.6



#9
Trichlorofluoromethane
Concen: 15.985 ug/L
RT: 3.245 min Scan# 220
Delta R.T. -0.000 min
Lab File: VW023942.D
Acq: 20 Jul 2022 17:43

Tgt Ion: 101 Resp: 51749
Ion Ratio Lower Upper
101 100
103 65.7 52.1 78.1

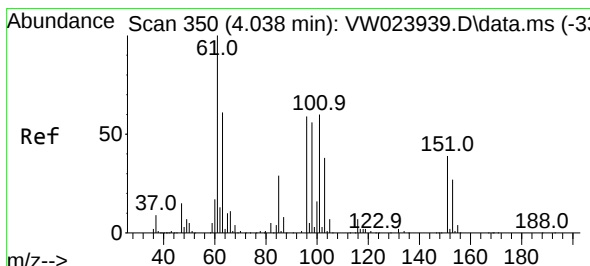
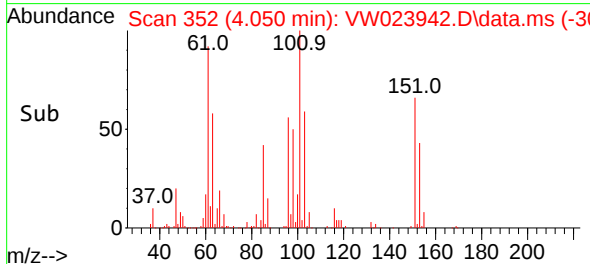
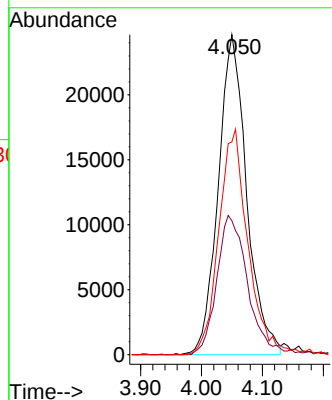
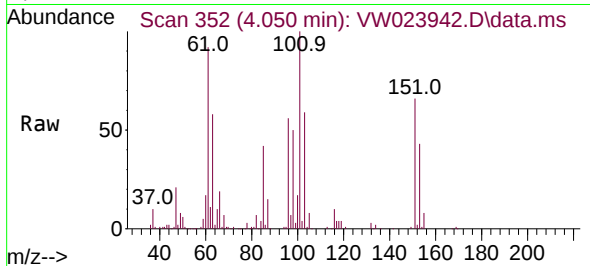




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 25.176 ug/L
 RT: 4.050 min Scan# 310
 Delta R.T. -0.000 min
 Lab File: VW023942.D
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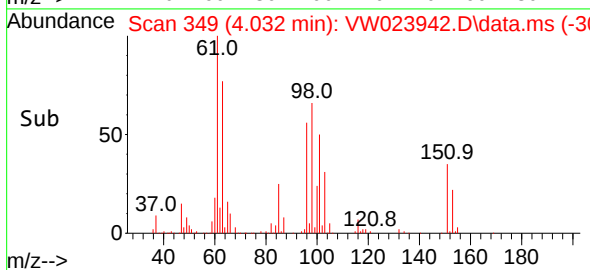
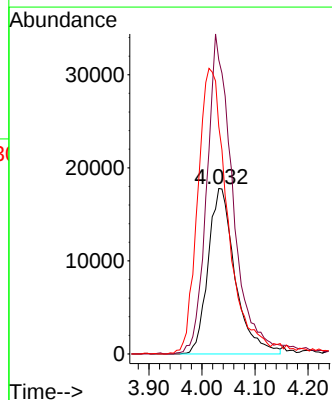
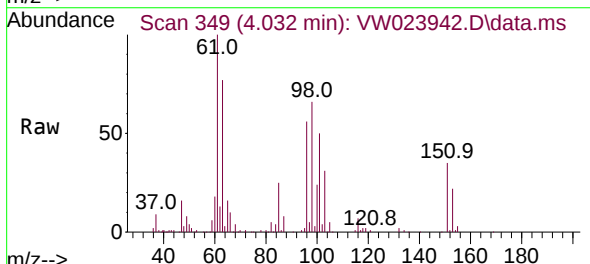
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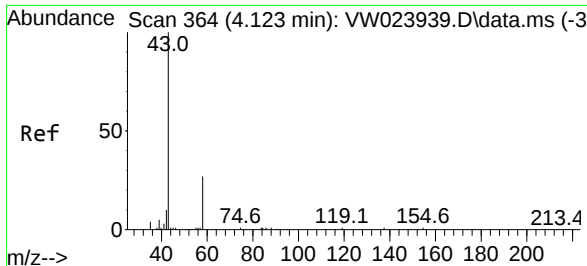
Tgt Ion:101 Resp: 79762
 Ion Ratio Lower Upper
 101 100
 85 46.0 37.6 56.4
 151 72.1 57.6 86.4



#12
 1,1-Dichloroethene
 Concen: 23.818 ug/L
 RT: 4.032 min Scan# 349
 Delta R.T. -0.006 min
 Lab File: VW023942.D
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Tgt Ion: 96 Resp: 62922
 Ion Ratio Lower Upper
 96 100
 61 177.8 125.4 232.8
 63 137.6 97.4 180.8

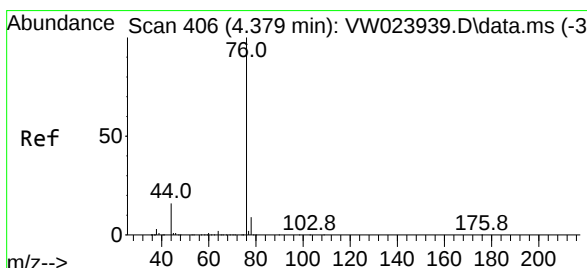
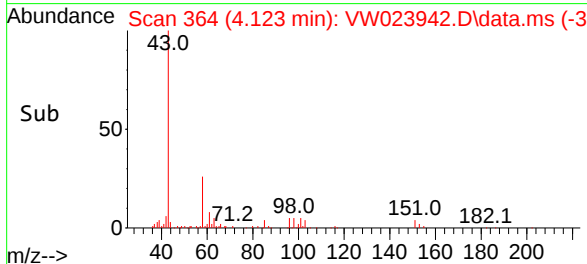
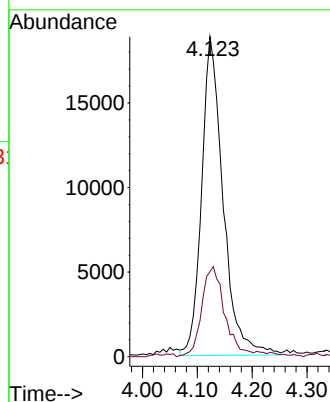
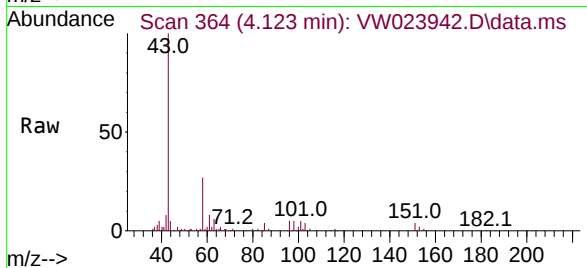




#13
Acetone
Concen: 73.524 ug/L
RT: 4.123 min Scan# 364
Delta R.T. -0.000 min
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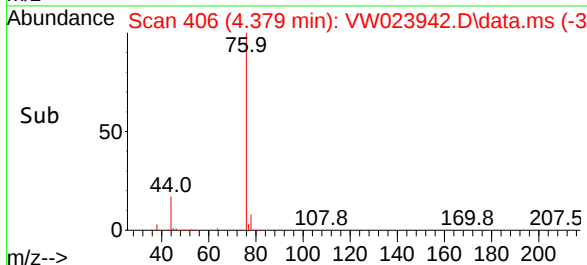
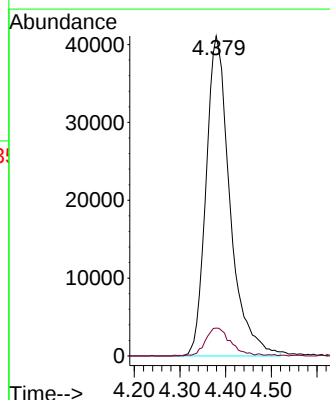
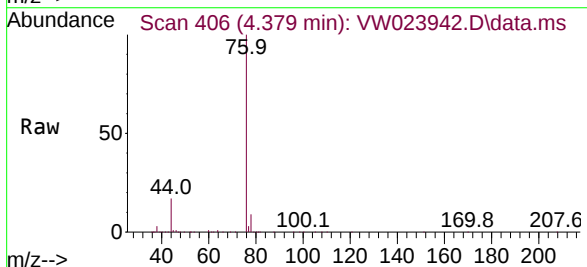
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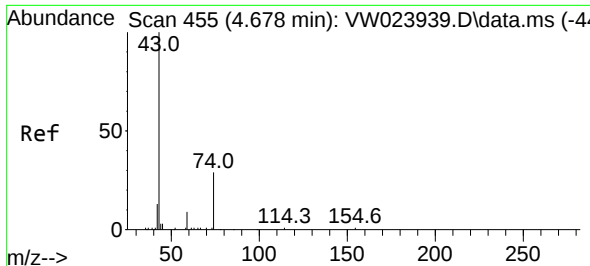
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Ion Ratio Lower Upper
43 100
58 30.1 0.0 64.2



#14
Carbon disulfide
Concen: 19.197 ug/L
RT: 4.379 min Scan# 406
Delta R.T. -0.000 min
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Tgt Ion: 76 Resp: 149181
Ion Ratio Lower Upper
76 100
78 8.7 7.2 10.8

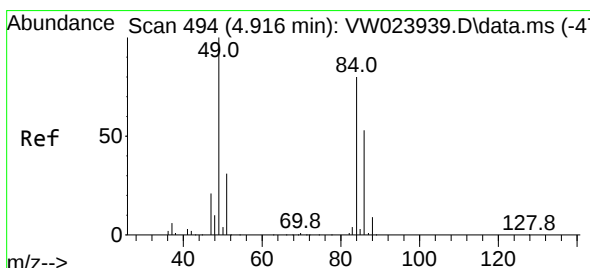
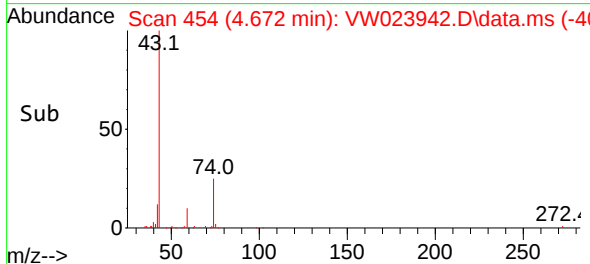
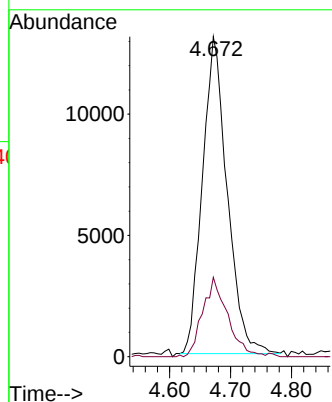
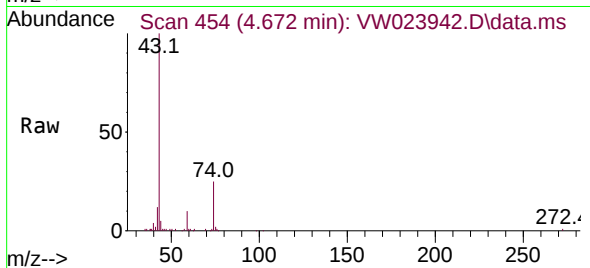




#15
Methyl Acetate
Concen: 23.675 ug/L
RT: 4.672 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW023942.D
Acq: 20 Jul 2022 17:43

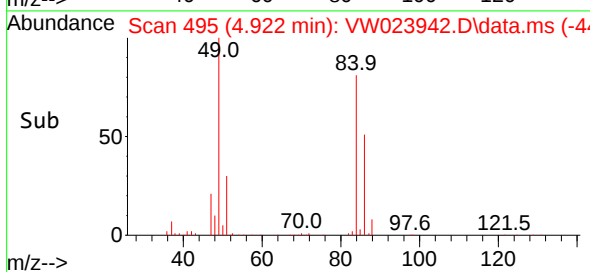
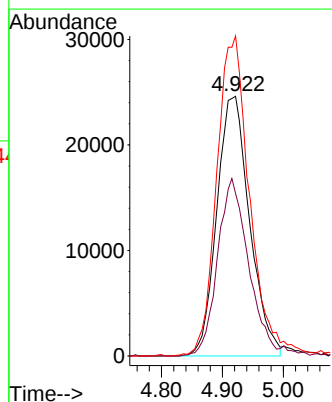
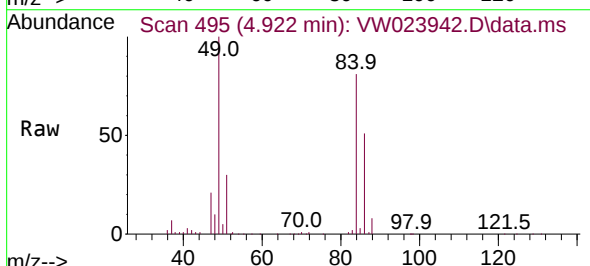
Instrument :
MSVOA_W
ClientSampleId :
H0B12MS

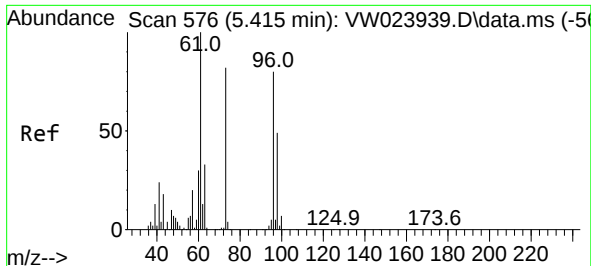
Tgt Ion: 43 Resp: 36987
Ion Ratio Lower Upper
43 100
74 25.0 20.0 30.0



#16
Methylene chloride
Concen: 23.606 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW023942.D
Acq: 20 Jul 2022 17:43

Tgt Ion: 84 Resp: 91993
Ion Ratio Lower Upper
84 100
86 62.6 42.8 79.6
49 123.2 85.4 158.6

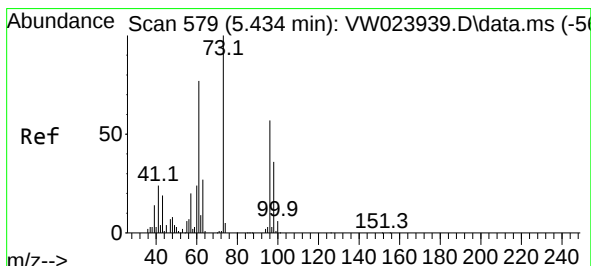
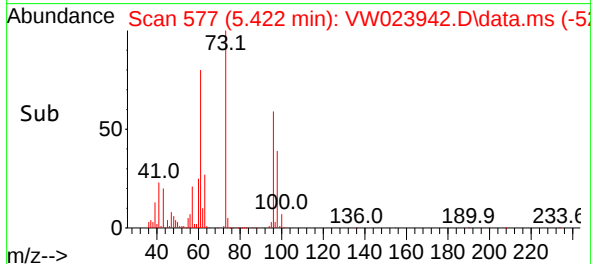
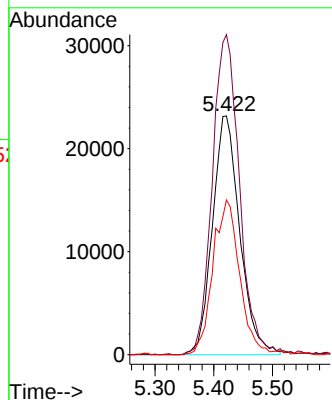
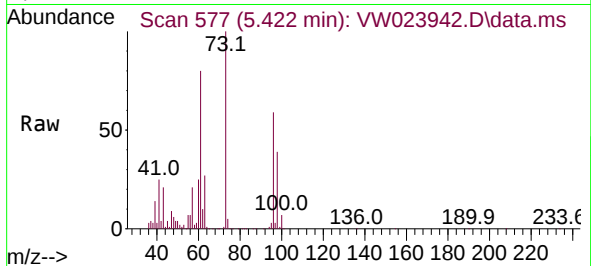




#17
trans-1,2-Dichloroethene
Concen: 23.370 ug/L
RT: 5.422 min Scan# 577
Delta R.T. 0.006 min
Lab File: VW023942.D
Acq: 20 Jul 2022 17:43

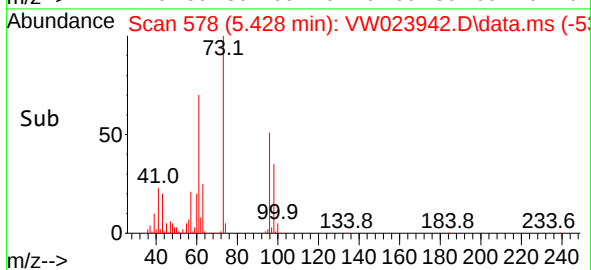
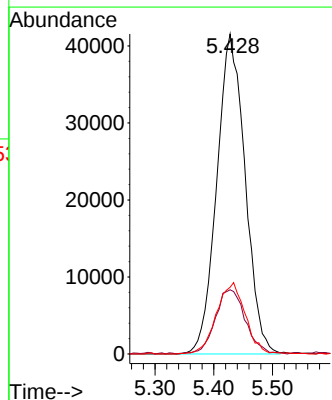
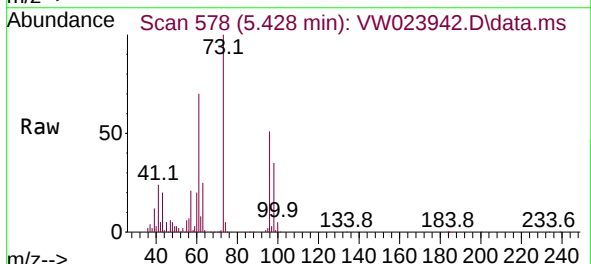
Instrument :
MSVOA_W
ClientSampleId :
H0B12MS

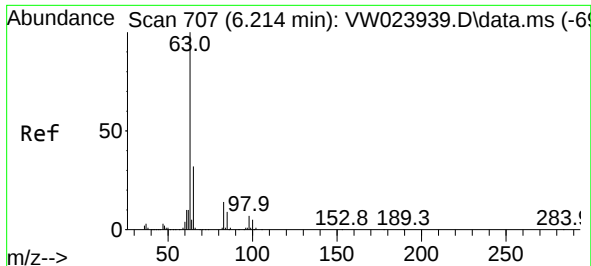
Tgt Ion: 96 Resp: 74908
Ion Ratio Lower Upper
96 100
61 134.1 90.8 168.6
98 64.8 42.8 79.6



#18
Methyl tert-butyl Ether
Concen: 28.053 ug/L
RT: 5.428 min Scan# 578
Delta R.T. -0.006 min
Lab File: VW023942.D
Acq: 20 Jul 2022 17:43

Tgt Ion: 73 Resp: 139109
Ion Ratio Lower Upper
73 100
43 21.3 17.6 26.4
57 22.5 16.8 25.2





#19

1,1-Dichloroethane

Concen: 25.193 ug/L

RT: 6.208 min Scan# 707

Delta R.T. -0.006 min

Lab File: VW023942.D

Acq: 20 Jul 2022 17:43

Instrument :

MSVOA_W

ClientSampleId :

H0B12MS

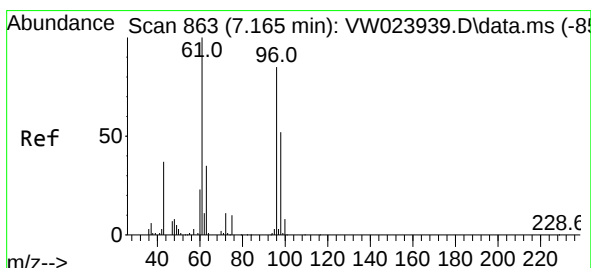
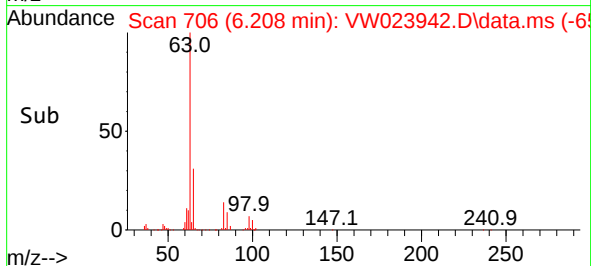
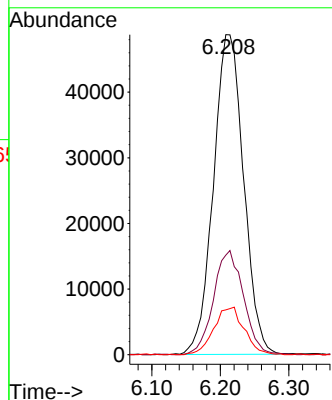
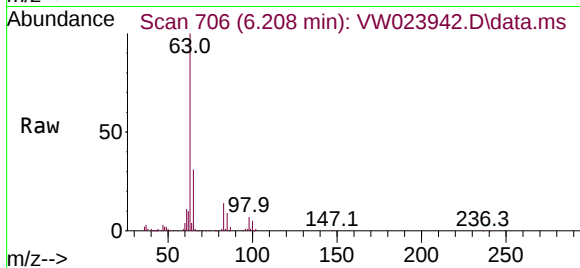
Tgt Ion: 63 Resp: 148955

Ion Ratio Lower Upper

63 100

65 31.1 22.7 42.1

83 14.0 9.7 18.1



#20

cis-1,2-Dichloroethene

Concen: 26.034 ug/L

RT: 7.165 min Scan# 863

Delta R.T. -0.000 min

Lab File: VW023942.D

Acq: 20 Jul 2022 17:43

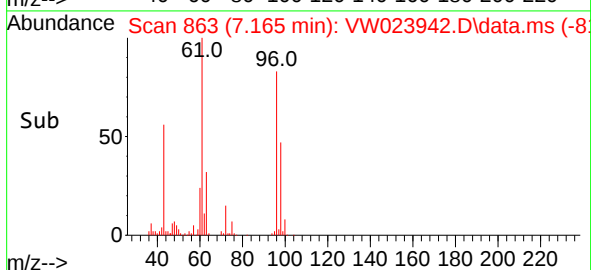
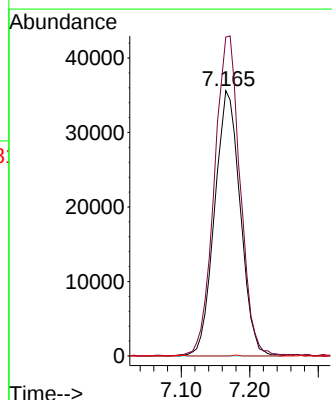
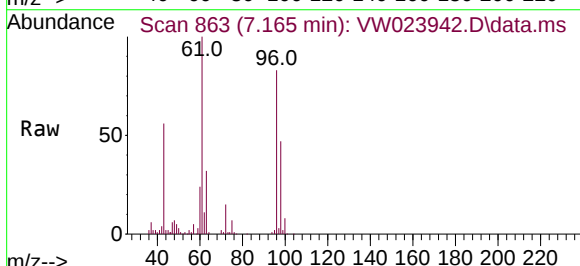
Tgt Ion: 96 Resp: 92445

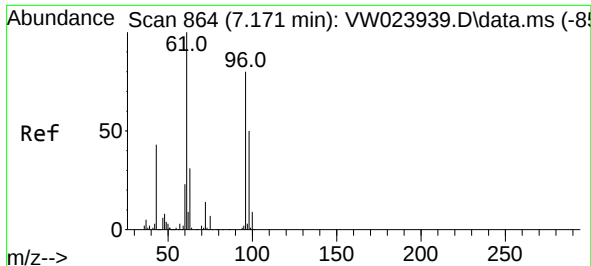
Ion Ratio Lower Upper

96 100

61 120.2 90.6 168.2

68 0.0 0.2 0.4

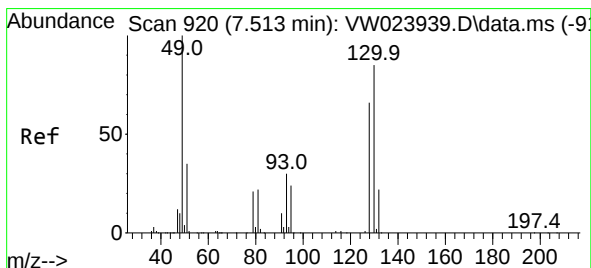
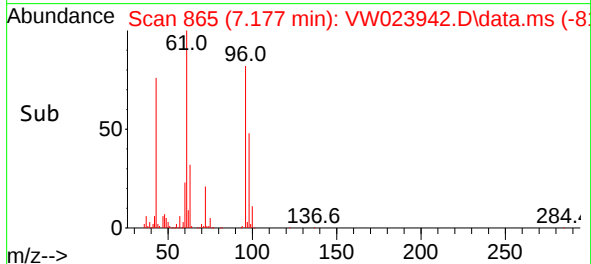
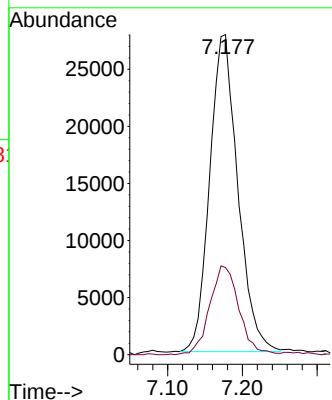
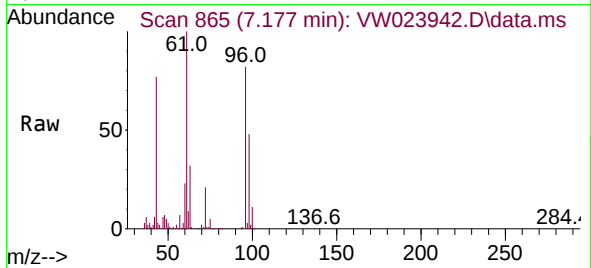




#22
2-Butanone
Concen: 63.392 ug/L
RT: 7.177 min Scan# 864
Delta R.T. 0.006 min
Lab File: VW023942.D
Acq: 20 Jul 2022 17:43

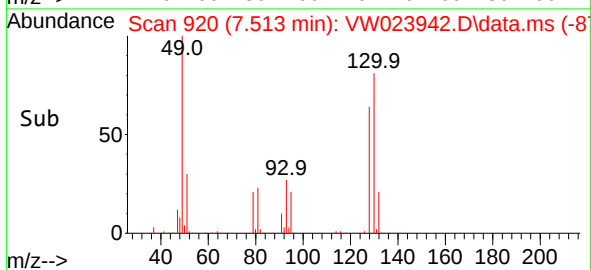
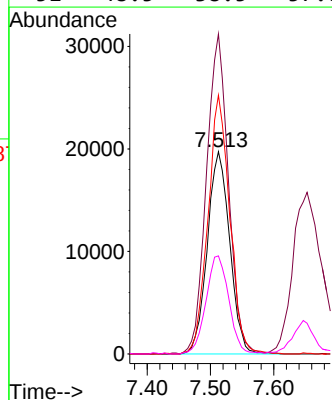
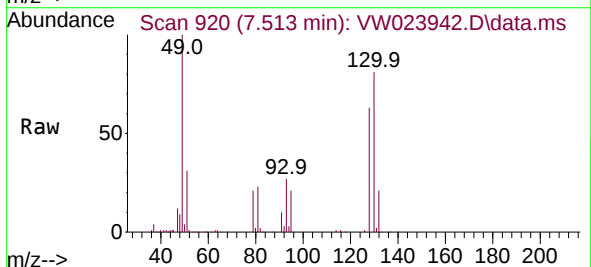
Instrument :
MSVOA_W
ClientSampleId :
H0B12MS

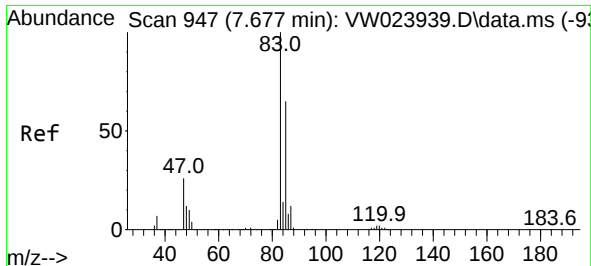
Tgt Ion: 43 Resp: 72719
Ion Ratio Lower Upper
43 100
72 28.8 14.7 44.1



#23
Bromochloromethane
Concen: 28.510 ug/L
RT: 7.513 min Scan# 920
Delta R.T. -0.000 min
Lab File: VW023942.D
Acq: 20 Jul 2022 17:43

Tgt Ion: 128 Resp: 48634
Ion Ratio Lower Upper
128 100
49 158.2 106.0 196.8
130 127.9 83.2 154.4
51 48.5 38.5 57.7

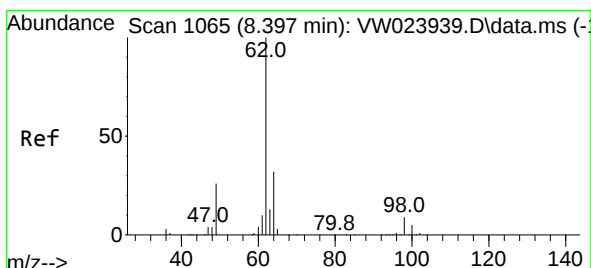
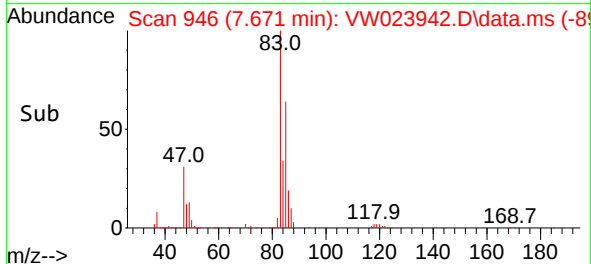
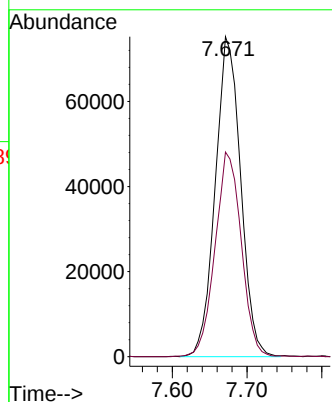
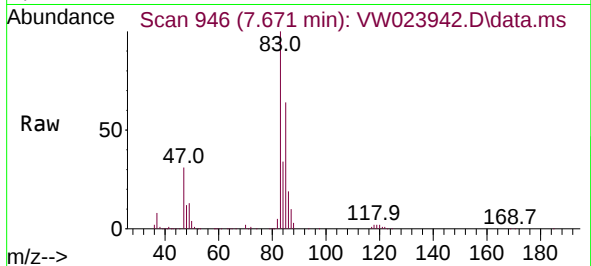




#25
Chloroform
Concen: 26.098 ug/L
RT: 7.671 min Scan# 947
Delta R.T. -0.006 min
Lab File: VW023942.D
Acq: 20 Jul 2022 17:43

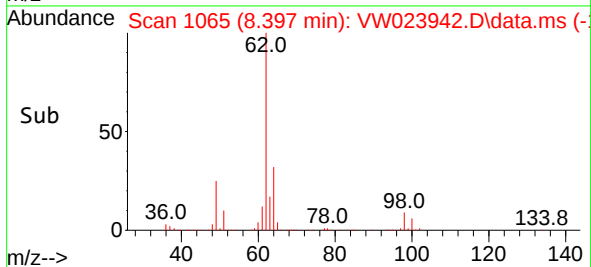
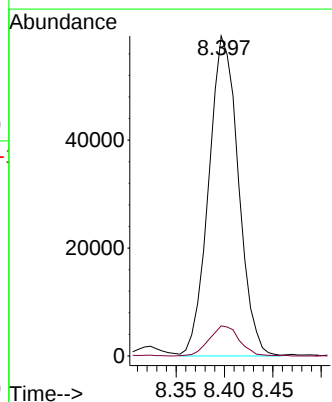
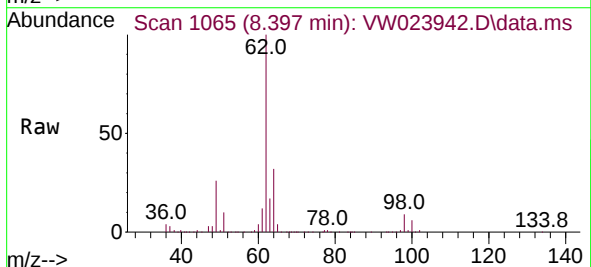
Instrument :
MSVOA_W
ClientSampleId :
H0B12MS

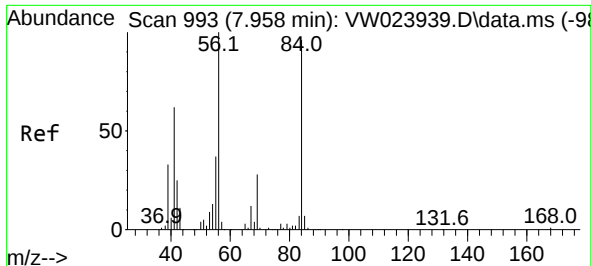
Tgt Ion: 83 Resp: 177761
Ion Ratio Lower Upper
83 100
85 64.0 41.9 77.9



#27
1,2-Dichloroethane
Concen: 25.280 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VW023942.D
Acq: 20 Jul 2022 17:43

Tgt Ion: 62 Resp: 126728
Ion Ratio Lower Upper
62 100
98 9.4 7.2 10.8





#29

Cyclohexane

Concen: 22.925 ug/L

RT: 7.952 min Scan# 993

Delta R.T. -0.006 min

Lab File: VW023942.D

Acq: 20 Jul 2022 17:43

Instrument :

MSVOA_W

ClientSampleId :

H0B12MS

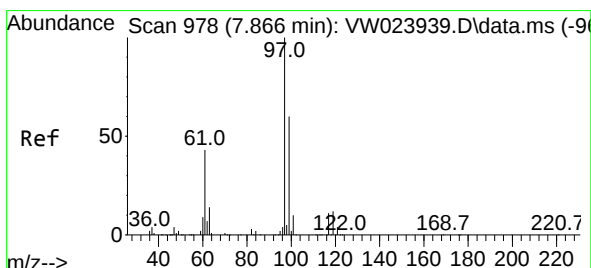
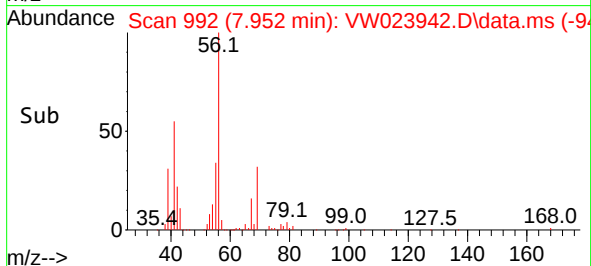
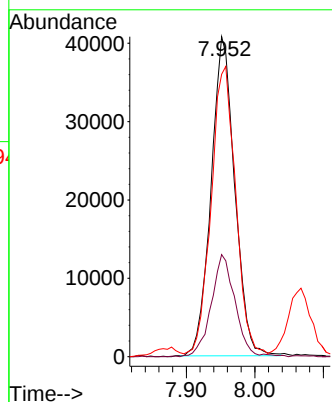
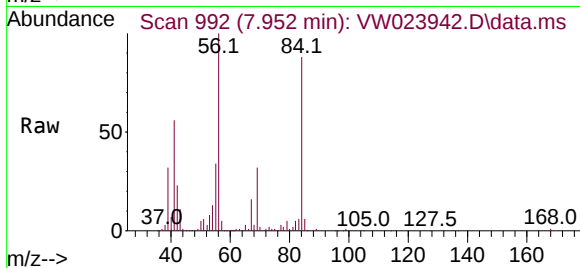
Tgt Ion: 56 Resp: 97824

Ion Ratio Lower Upper

56 100

69 31.7 25.4 38.0

84 94.9 75.0 112.4



#30

1,1,1-Trichloroethane

Concen: 26.301 ug/L

RT: 7.866 min Scan# 978

Delta R.T. -0.000 min

Lab File: VW023942.D

Acq: 20 Jul 2022 17:43

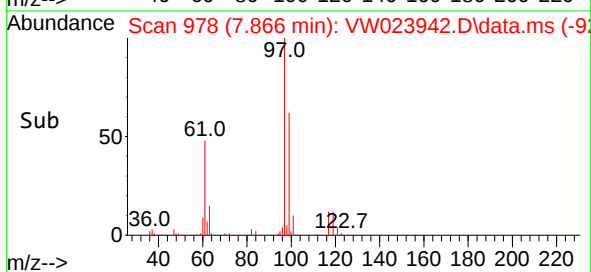
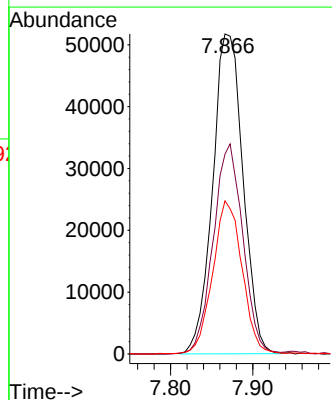
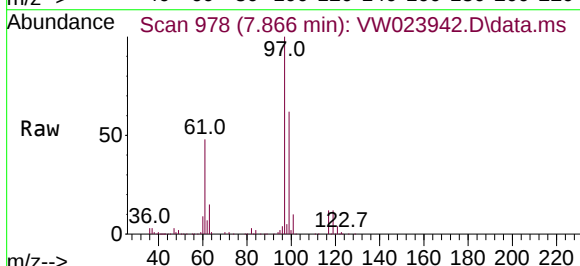
Tgt Ion: 97 Resp: 132866

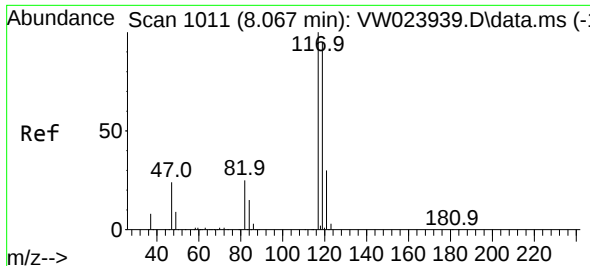
Ion Ratio Lower Upper

97 100

99 64.0 51.0 76.6

61 46.1 37.5 56.3

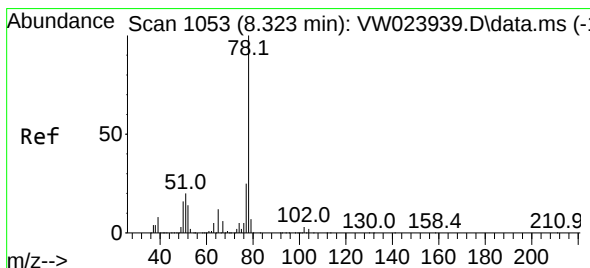
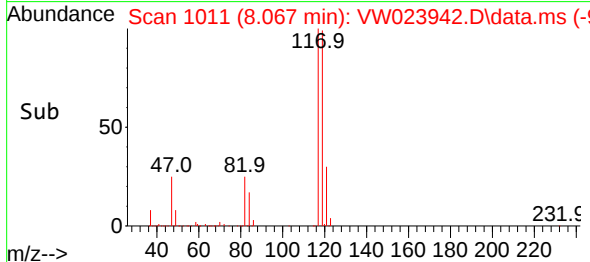
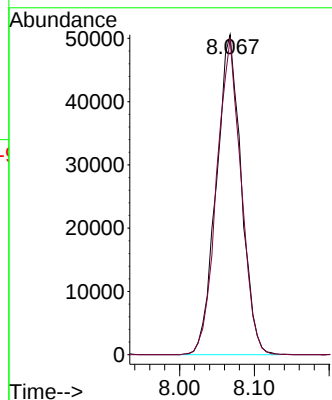
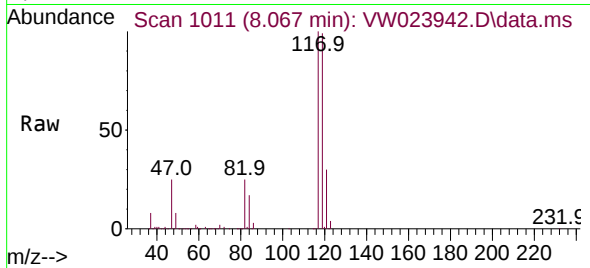




#31
Carbon tetrachloride
Concen: 25.719 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.000 min
Lab File: VW023942.D
Acq: 20 Jul 2022 17:43

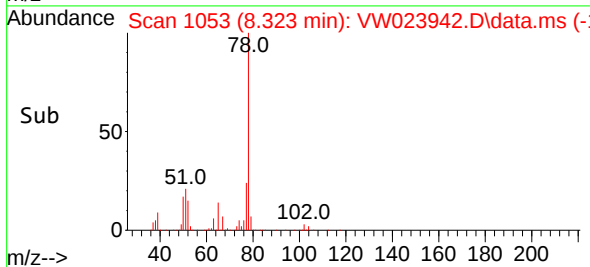
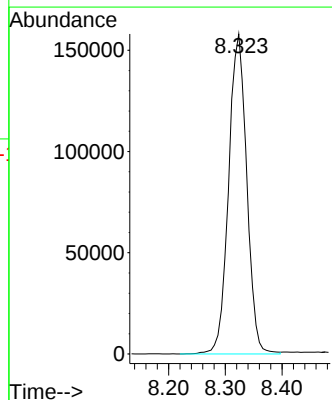
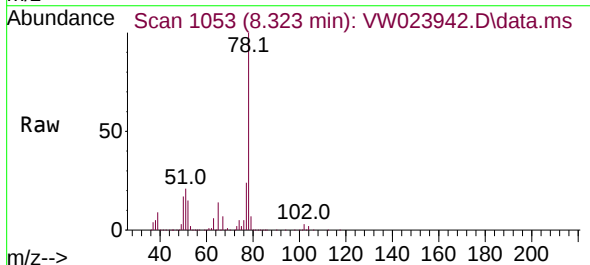
Instrument :
MSVOA_W
ClientSampleId :
H0B12MS

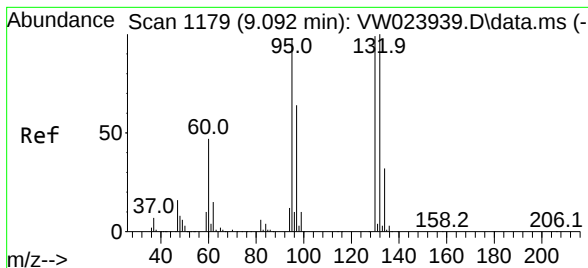
Tgt Ion:117 Resp: 117121
Ion Ratio Lower Upper
117 100
119 96.9 75.7 113.5



#33
Benzene
Concen: 26.470 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW023942.D
Acq: 20 Jul 2022 17:43

Tgt Ion: 78 Resp: 350948





#34

Trichloroethene

Concen: 25.067 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VW023942.D

Acq: 20 Jul 2022 17:43

Instrument :

MSVOA_W

ClientSampleId :

H0B12MS

Tgt Ion: 95 Resp: 87762

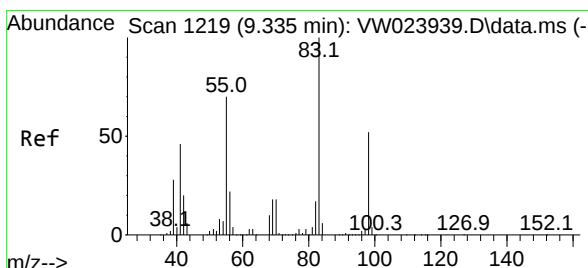
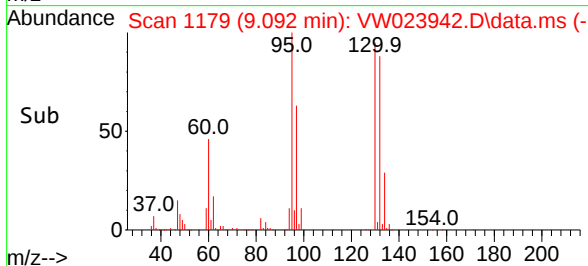
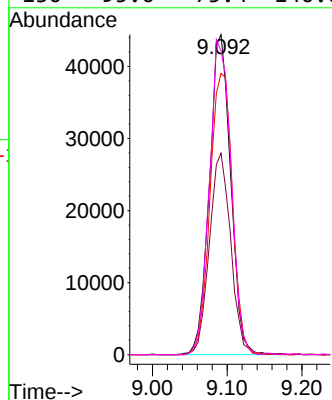
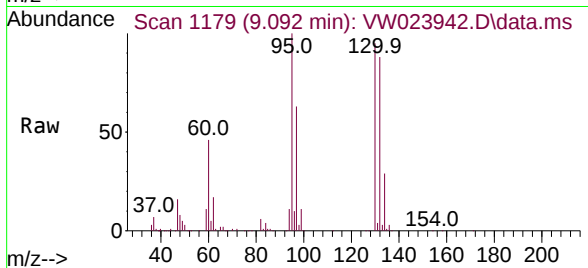
Ion Ratio Lower Upper

95 100

97 63.0 45.6 84.8

132 87.9 69.9 129.7

130 95.0 75.4 140.0



#35

Methylcyclohexane

Concen: 19.382 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VW023942.D

Acq: 20 Jul 2022 17:43

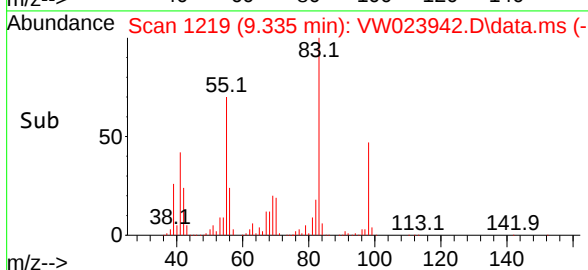
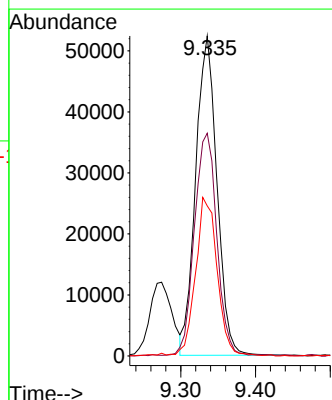
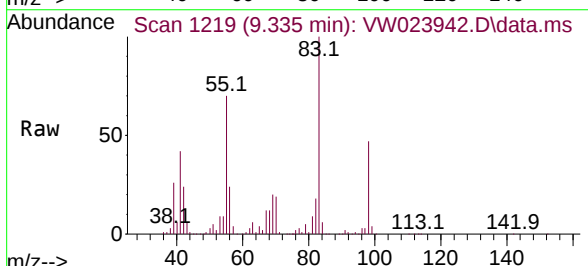
Tgt Ion: 83 Resp: 103333

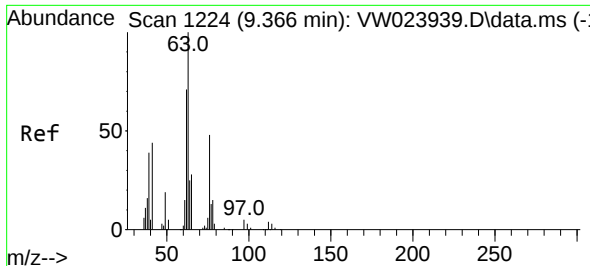
Ion Ratio Lower Upper

83 100

55 73.6 60.8 91.2

98 50.3 39.5 59.3





#37

1,2-Dichloropropane

Concen: 27.698 ug/L

RT: 9.366 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW023942.D

Acq: 20 Jul 2022 17:43

Instrument :

MSVOA_W

ClientSampleId :

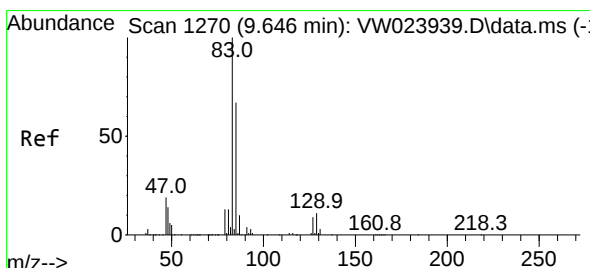
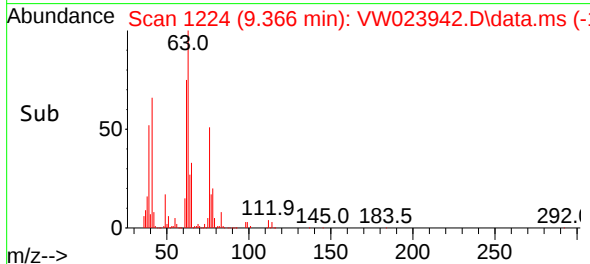
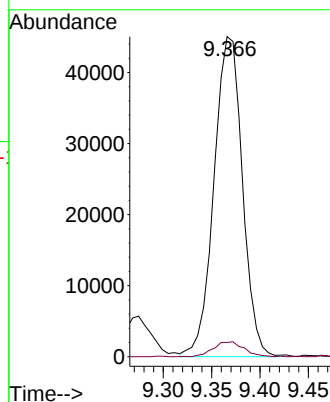
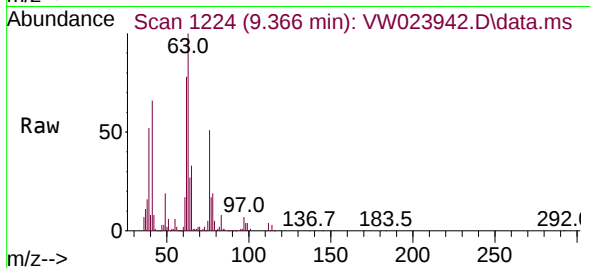
H0B12MS

Tgt Ion: 63 Resp: 92066

Ion Ratio Lower Upper

63 100

112 5.0 4.2 6.2



#38

Bromodichloromethane

Concen: 28.512 ug/L

RT: 9.640 min Scan# 1269

Delta R.T. -0.006 min

Lab File: VW023942.D

Acq: 20 Jul 2022 17:43

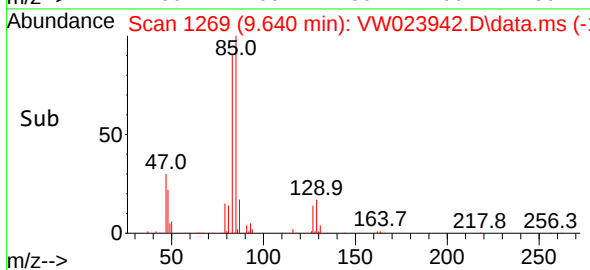
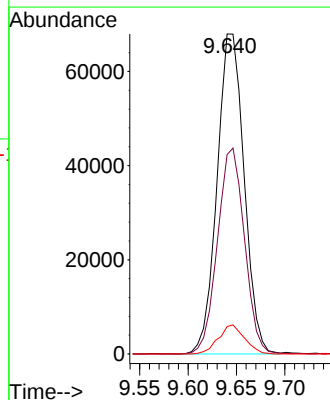
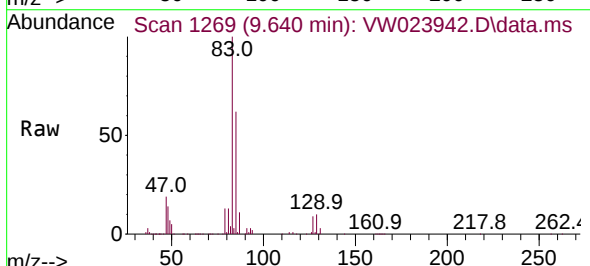
Tgt Ion: 83 Resp: 132269

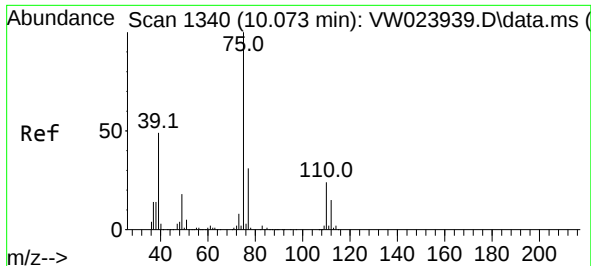
Ion Ratio Lower Upper

83 100

85 62.3 45.5 84.5

127 8.6 6.0 9.0





#39

cis-1,3-Dichloropropene

Concen: 26.878 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. -0.000 min

Lab File: VW023942.D

Acq: 20 Jul 2022 17:43

Instrument :

MSVOA_W

ClientSampleId :

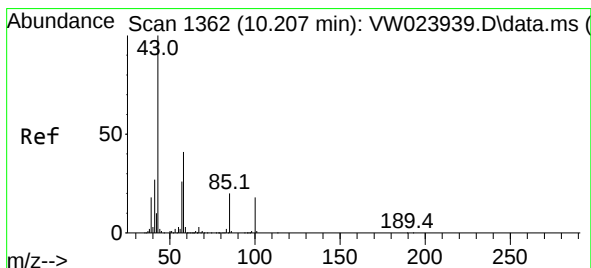
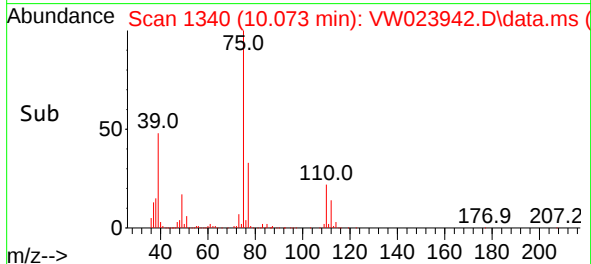
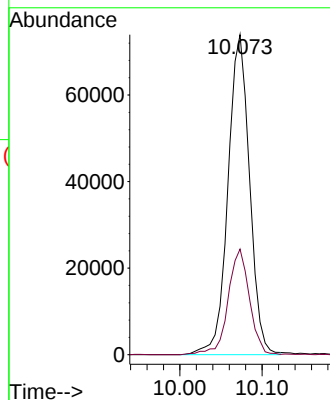
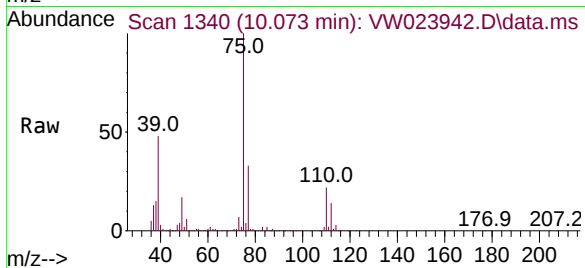
H0B12MS

Tgt Ion: 75 Resp: 134661

Ion Ratio Lower Upper

75 100

77 33.0 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 71.107 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW023942.D

Acq: 20 Jul 2022 17:43

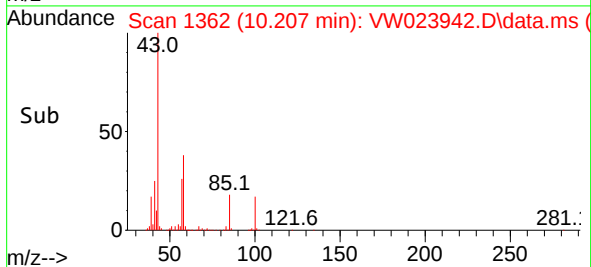
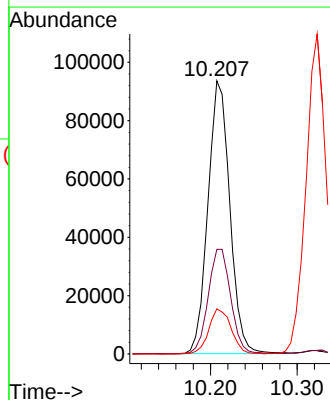
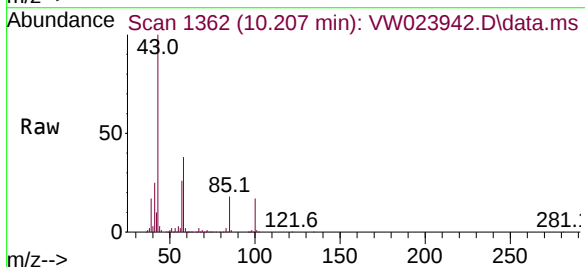
Tgt Ion: 43 Resp: 164472

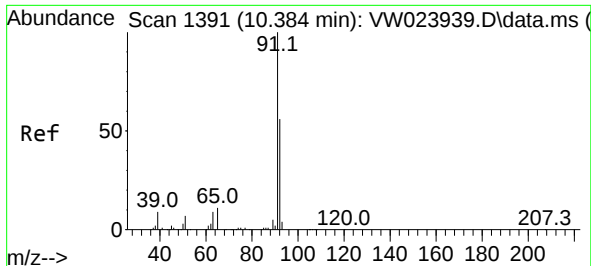
Ion Ratio Lower Upper

43 100

58 39.7 29.8 44.8

100 16.9 13.0 19.4

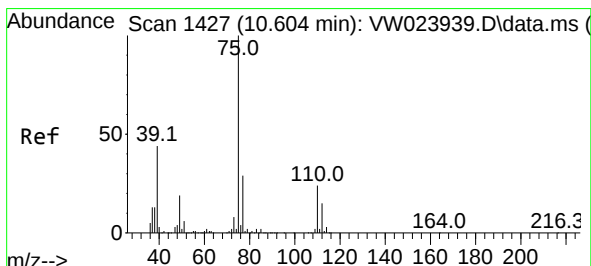
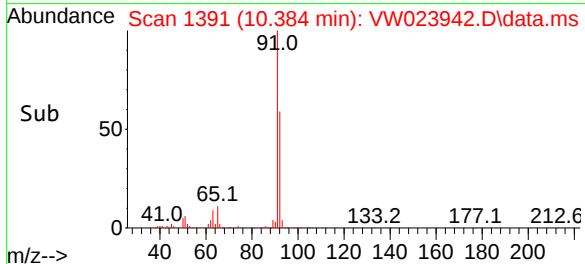
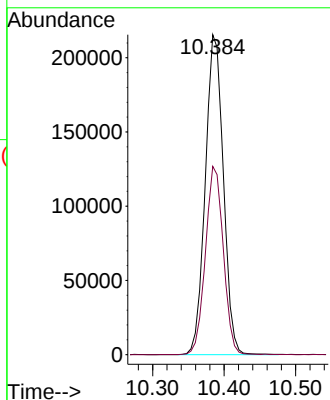
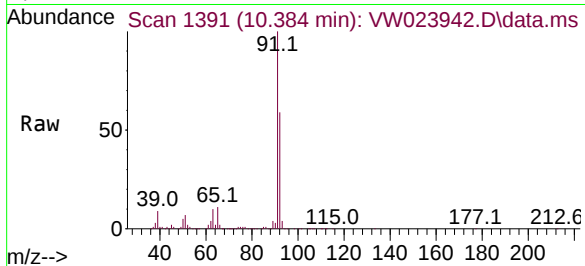




#42
Toluene
Concen: 25.050 ug/L
RT: 10.384 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW023942.D
Acq: 20 Jul 2022 17:43

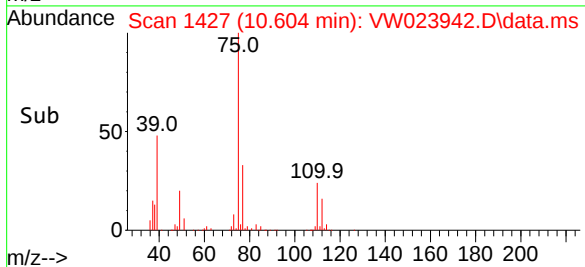
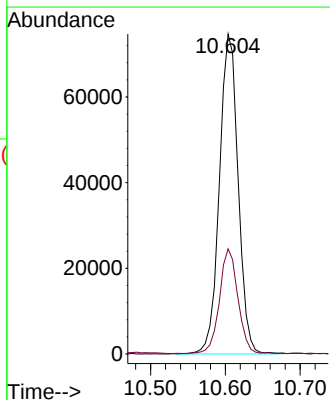
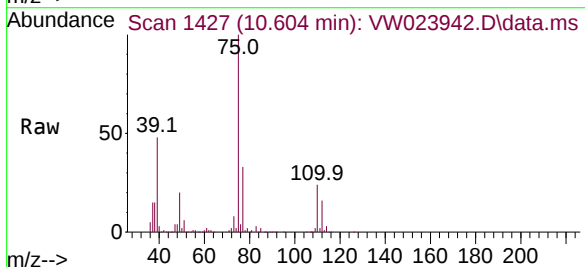
Instrument :
MSVOA_W
ClientSampleId :
H0B12MS

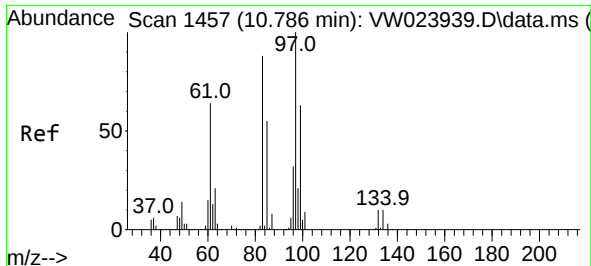
Tgt Ion: 91 Resp: 378764
Ion Ratio Lower Upper
91 100
92 58.8 39.9 74.1



#44
trans-1,3-Dichloropropene
Concen: 27.355 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW023942.D
Acq: 20 Jul 2022 17:43

Tgt Ion: 75 Resp: 130260
Ion Ratio Lower Upper
75 100
77 32.8 22.0 41.0





#45

1,1,2-Trichloroethane

Concen: 30.753 ug/L

RT: 10.786 min Scan# 1457

Delta R.T. -0.000 min

Lab File: VW023942.D

Acq: 20 Jul 2022 17:43

Instrument :

MSVOA_W

ClientSampleId :

H0B12MS

Tgt Ion: 97 Resp: 89382

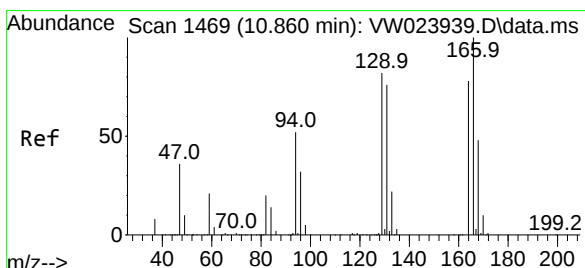
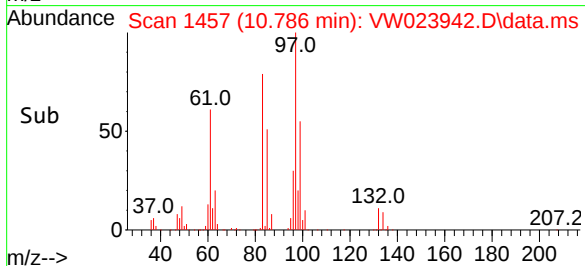
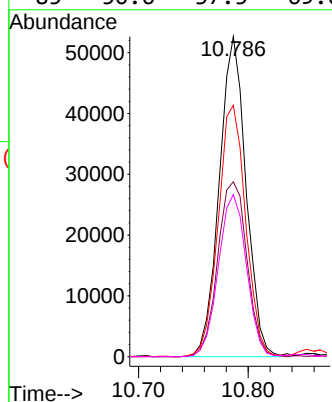
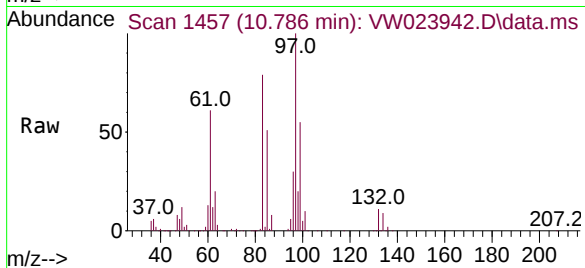
Ion Ratio Lower Upper

97 100

99 54.6 44.2 82.2

83 78.6 59.8 111.0

85 50.6 37.5 69.6



#46

Tetrachloroethene

Concen: 22.369 ug/L

RT: 10.860 min Scan# 1469

Delta R.T. -0.000 min

Lab File: VW023942.D

Acq: 20 Jul 2022 17:43

Tgt Ion: 164 Resp: 60556

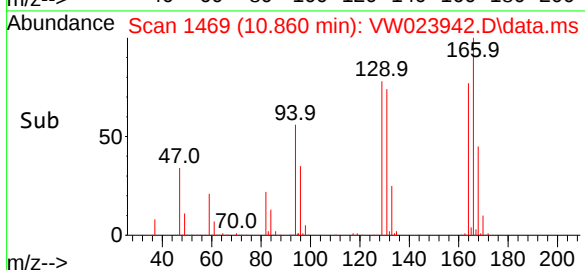
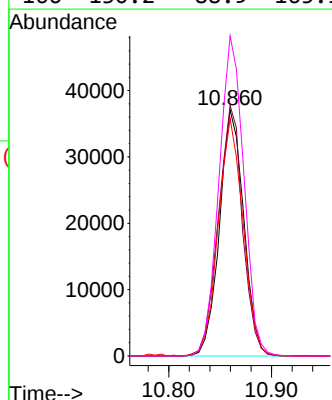
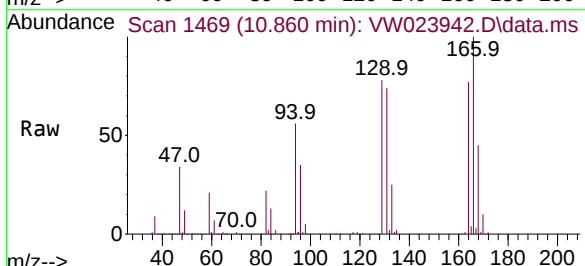
Ion Ratio Lower Upper

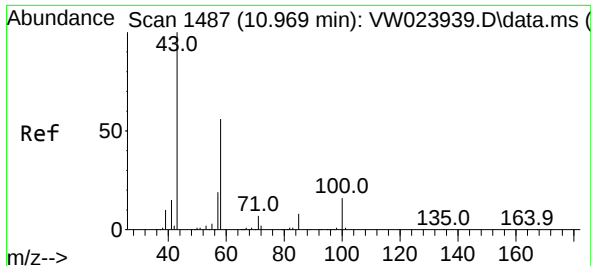
164 100

129 101.9 72.4 134.5

131 96.6 67.8 125.8

166 130.2 88.9 165.1



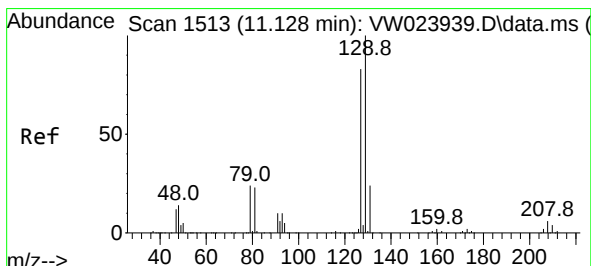
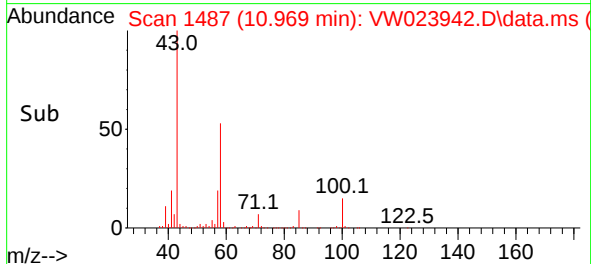
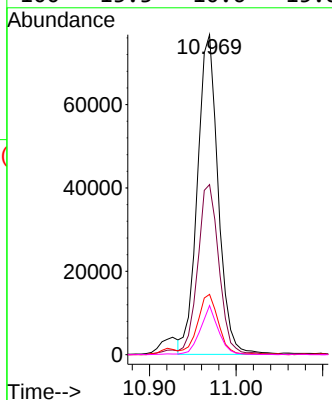
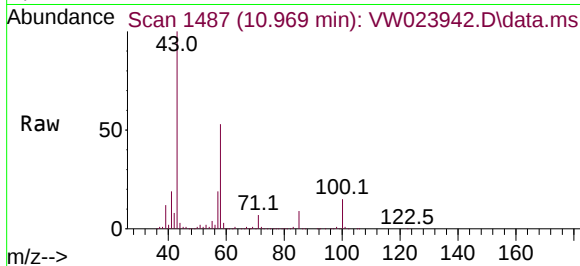


#48
2-Hexanone
Concen: 75.829 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW023942.D
Acq: 20 Jul 2022 17:43

Instrument :
MSVOA_W
ClientSampleId :
H0B12MS

Tgt Ion: 43 Resp: 127700

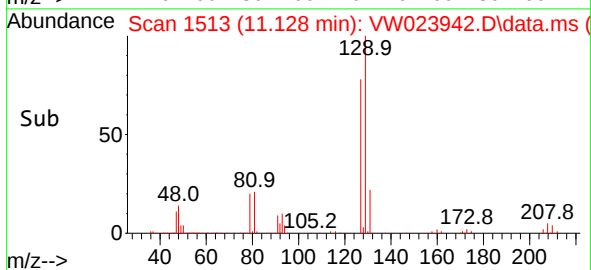
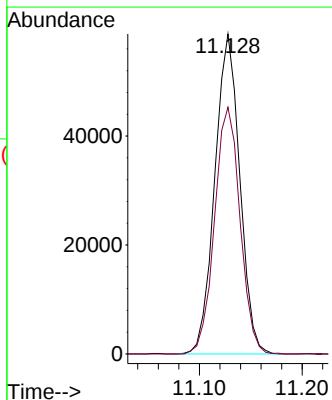
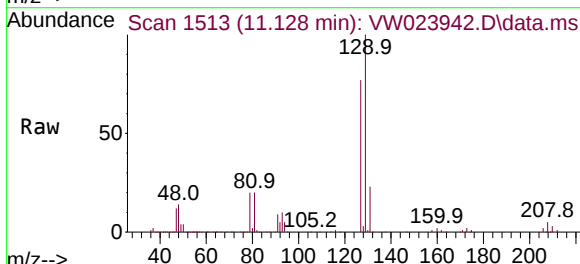
Ion	Ratio	Lower	Upper
43	100		
58	52.7	41.6	62.4
57	19.0	14.6	21.8
100	13.3	10.6	15.8

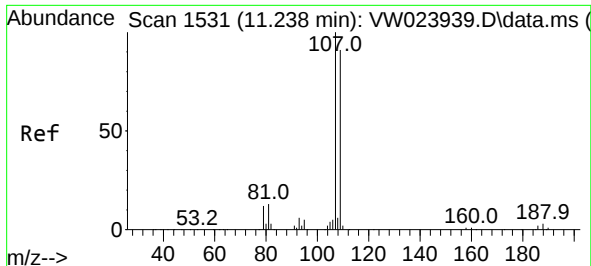


#49
Dibromochloromethane
Concen: 29.373 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW023942.D
Acq: 20 Jul 2022 17:43

Tgt Ion: 129 Resp: 99003

Ion	Ratio	Lower	Upper
129	100		
127	77.1	53.7	99.7

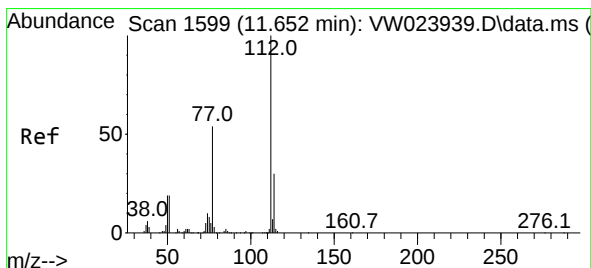
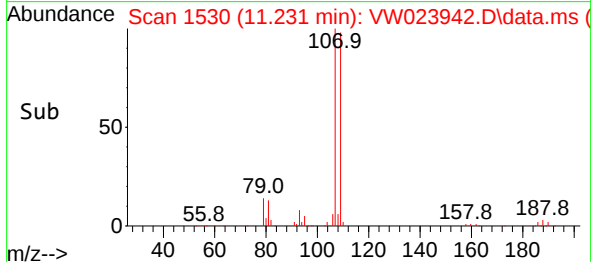
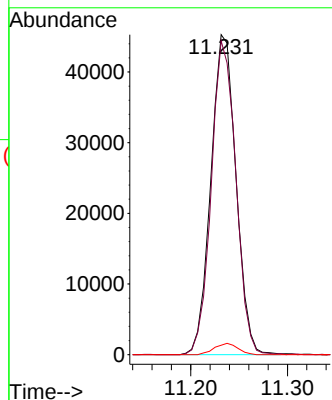
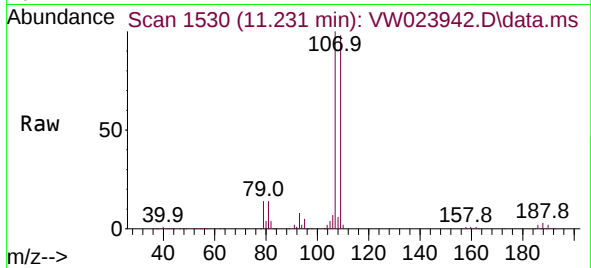




#50
1,2-Dibromoethane
Concen: 29.322 ug/L
RT: 11.231 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW023942.D
Acq: 20 Jul 2022 17:43

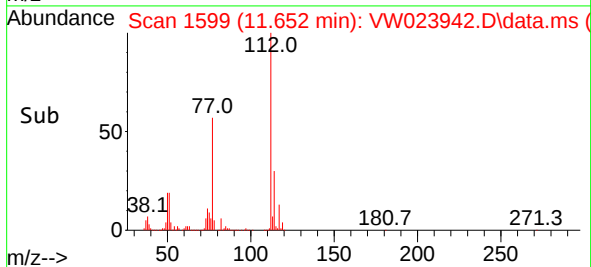
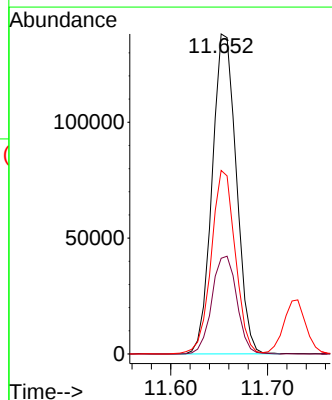
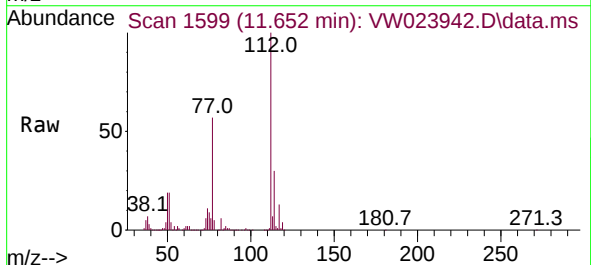
Instrument :
MSVOA_W
ClientSampleId :
H0B12MS

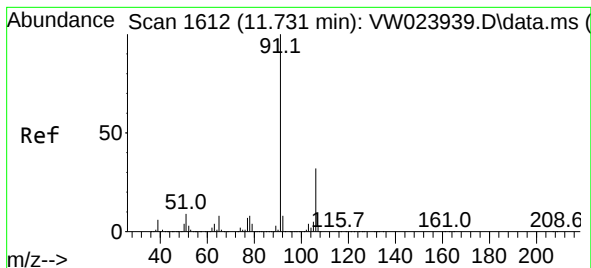
Tgt Ion:107 Resp: 81874
Ion Ratio Lower Upper
107 100
109 98.0 62.4 116.0
188 3.0 2.3 3.5



#51
Chlorobenzene
Concen: 23.489 ug/L
RT: 11.652 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VW023942.D
Acq: 20 Jul 2022 17:43

Tgt Ion:112 Resp: 239533
Ion Ratio Lower Upper
112 100
114 29.9 21.1 39.3
77 57.3 46.6 69.8

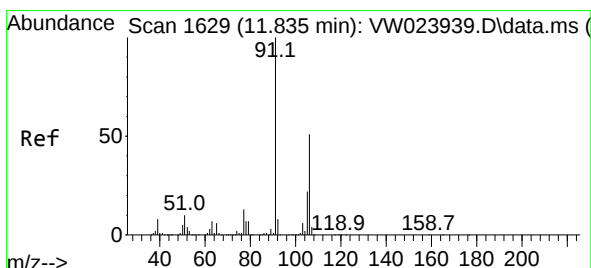
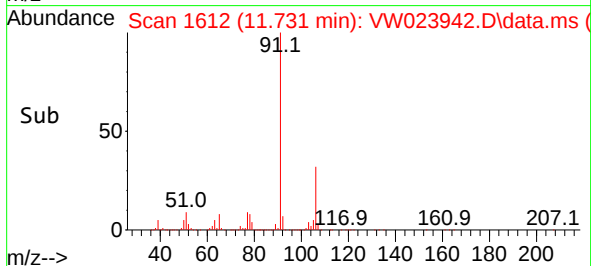
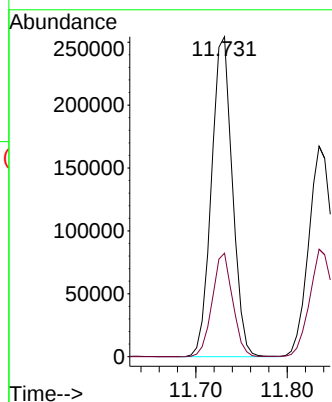
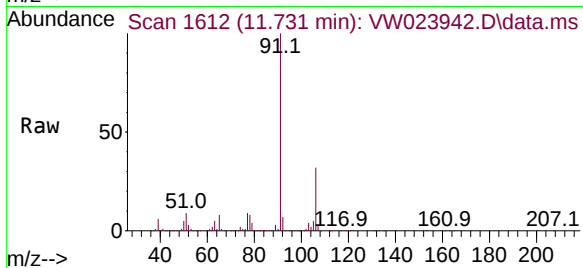




#52
Ethylbenzene
Concen: 23.513 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW023942.D
Acq: 20 Jul 2022 17:43

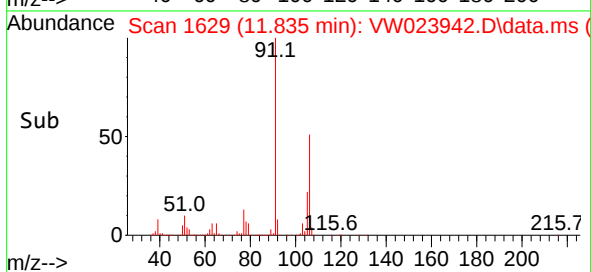
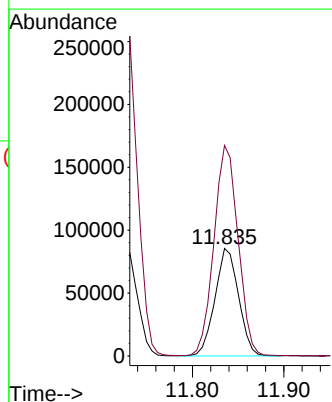
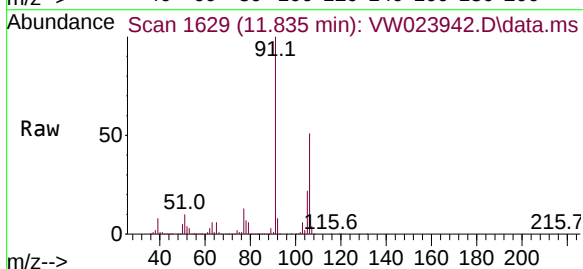
Instrument :
MSVOA_W
ClientSampleId :
H0B12MS

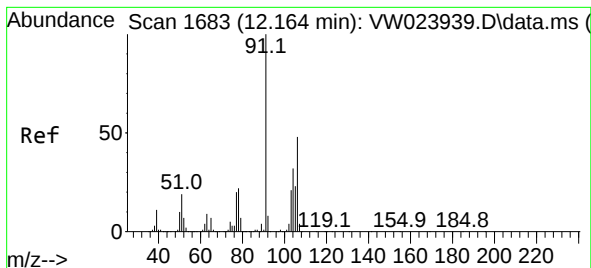
Tgt Ion: 91 Resp: 404017
Ion Ratio Lower Upper
91 100
106 32.4 22.5 41.9



#53
m,p-Xylene
Concen: 22.907 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VW023942.D
Acq: 20 Jul 2022 17:43

Tgt Ion: 106 Resp: 153567
Ion Ratio Lower Upper
106 100
91 195.8 142.8 265.2





#54

o-Xylene

Concen: 23.303 ug/L

RT: 12.164 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW023942.D

Acq: 20 Jul 2022 17:43

Instrument :

MSVOA_W

ClientSampleId :

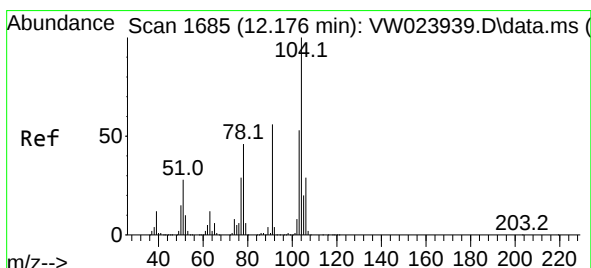
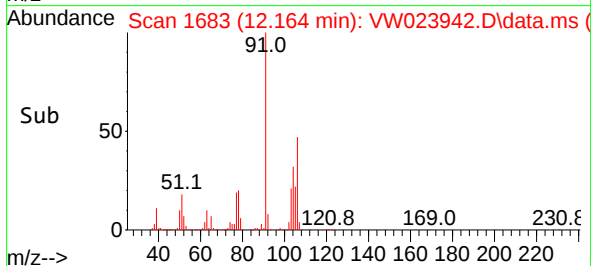
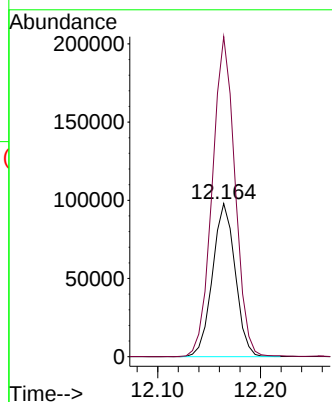
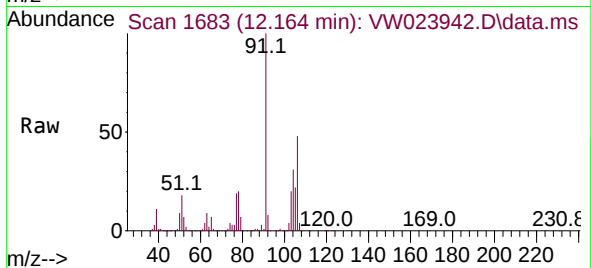
H0B12MS

Tgt Ion:106 Resp: 150027

Ion Ratio Lower Upper

106 100

91 208.9 149.6 277.8



#55

Styrene

Concen: 22.068 ug/L

RT: 12.176 min Scan# 1685

Delta R.T. -0.000 min

Lab File: VW023942.D

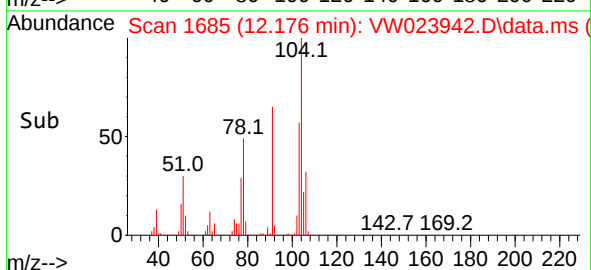
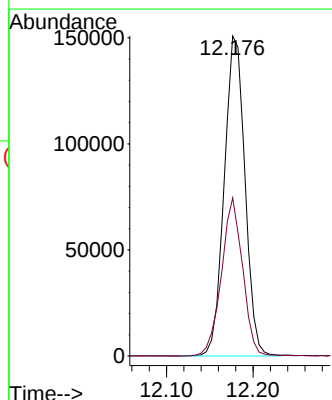
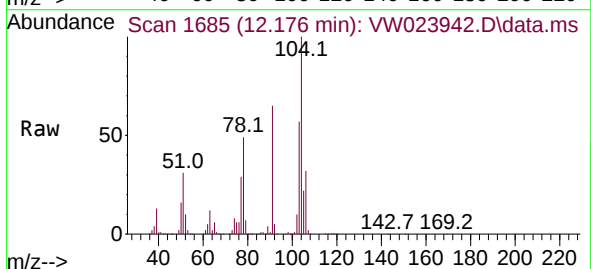
Acq: 20 Jul 2022 17:43

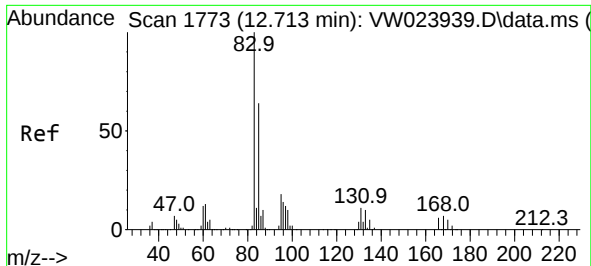
Tgt Ion:104 Resp: 251001

Ion Ratio Lower Upper

104 100

78 49.4 34.3 63.7





#57

1,1,2,2-Tetrachloroethane

Concen: 30.319 ug/L

RT: 12.713 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VW023942.D

Acq: 20 Jul 2022 17:43

Instrument :

MSVOA_W

ClientSampleId :

H0B12MS

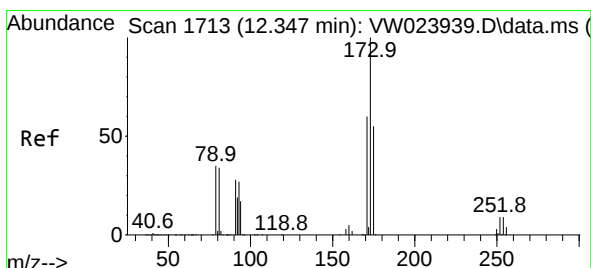
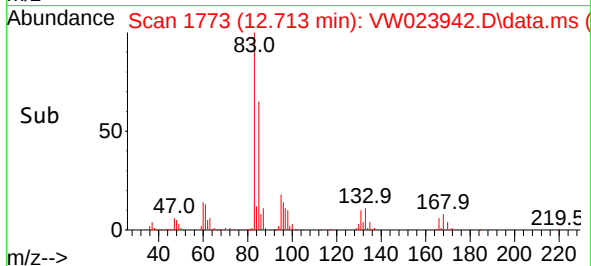
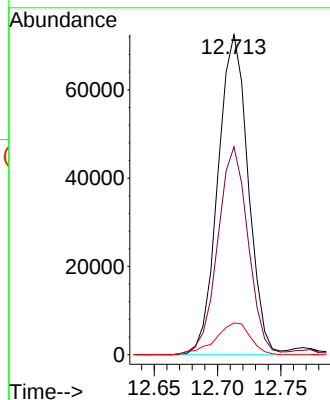
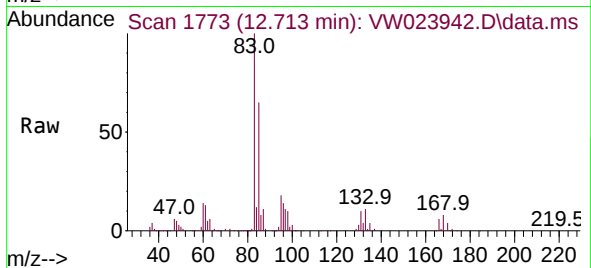
Tgt Ion: 83 Resp: 120195

Ion Ratio Lower Upper

83 100

85 65.0 46.5 86.3

131 9.9 7.4 11.0



#59

Bromoform

Concen: 40.479 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. -0.000 min

Lab File: VW023942.D

Acq: 20 Jul 2022 17:43

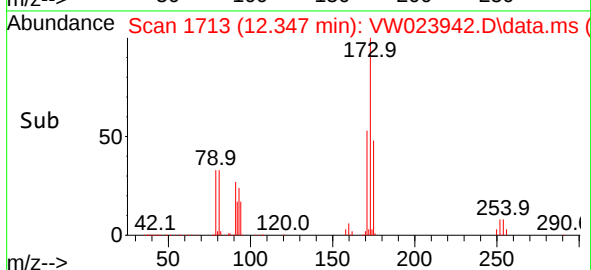
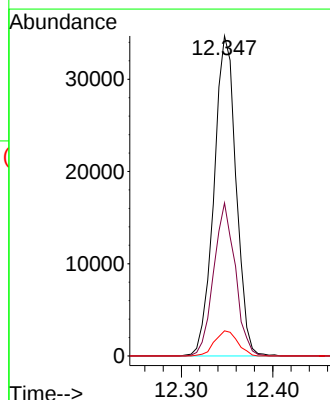
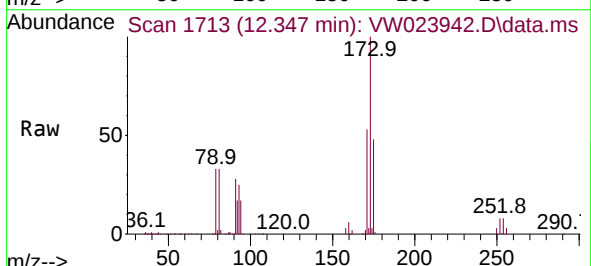
Tgt Ion: 173 Resp: 58358

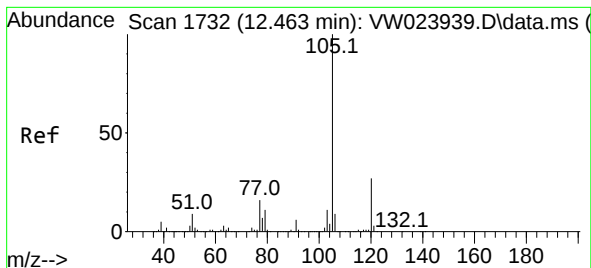
Ion Ratio Lower Upper

173 100

175 46.6 38.9 58.3

254 8.2 5.9 8.9





#60

Isopropylbenzene

Concen: 29.777 ug/L

RT: 12.463 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW023942.D

Acq: 20 Jul 2022 17:43

Instrument :

MSVOA_W

ClientSampleId :

H0B12MS

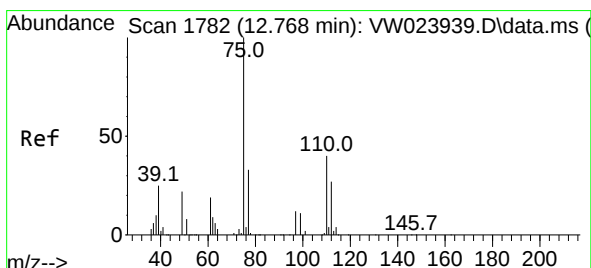
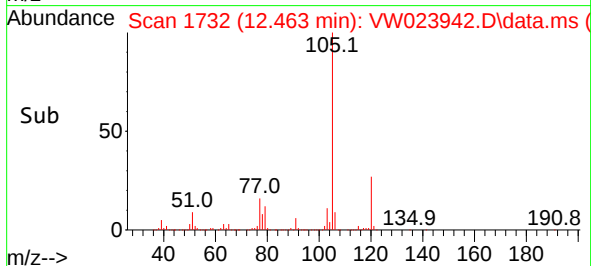
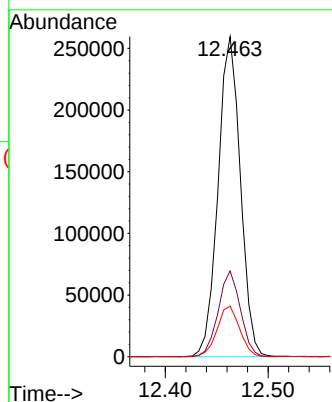
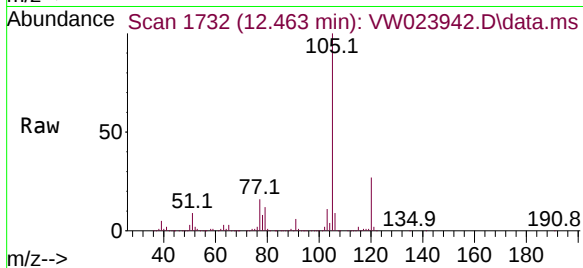
Tgt Ion:105 Resp: 391084

Ion Ratio Lower Upper

105 100

120 26.6 20.7 31.1

77 16.0 13.2 19.8



#61

1,2,3-Trichloropropane

Concen: 40.143 ug/L

RT: 12.768 min Scan# 1782

Delta R.T. -0.000 min

Lab File: VW023942.D

Acq: 20 Jul 2022 17:43

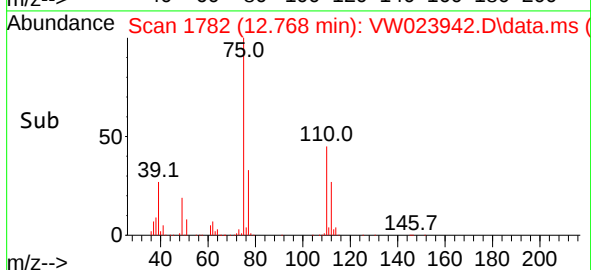
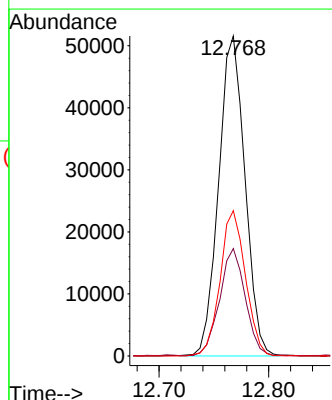
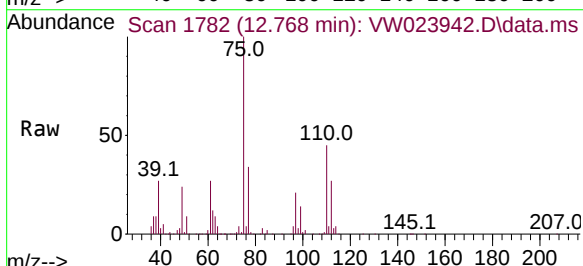
Tgt Ion: 75 Resp: 86059

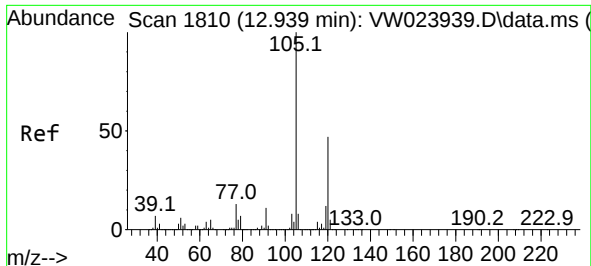
Ion Ratio Lower Upper

75 100

77 32.6 25.0 37.4

110 43.7 31.9 47.9

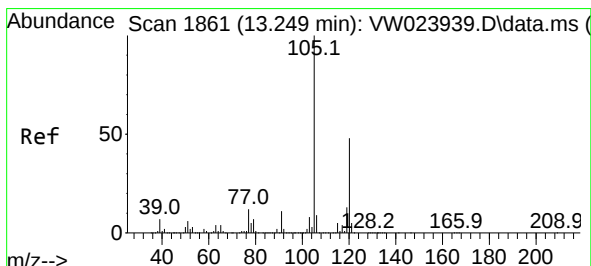
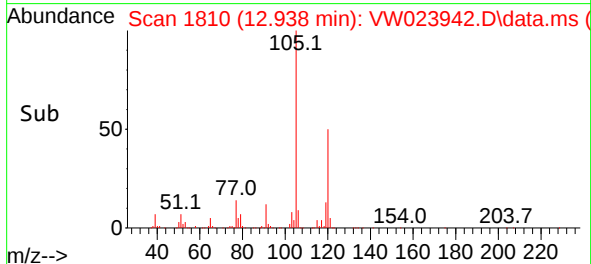
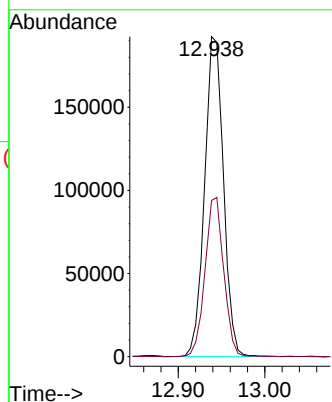
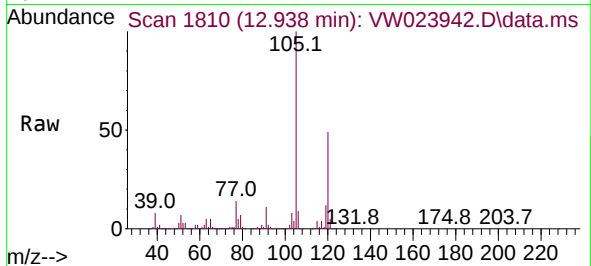




#62
1,3,5-Trimethylbenzene
Concen: 27.097 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VW023942.D
Acq: 20 Jul 2022 17:43

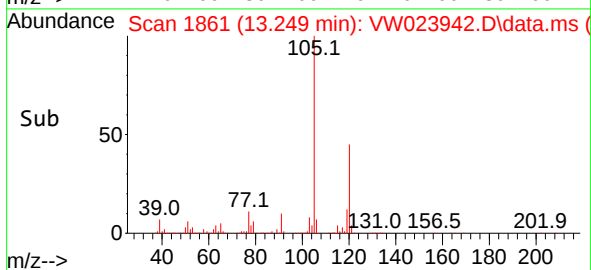
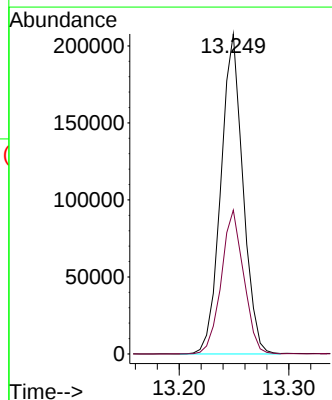
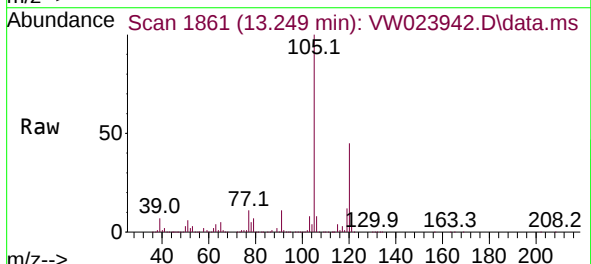
Instrument :
MSVOA_W
ClientSampleId :
H0B12MS

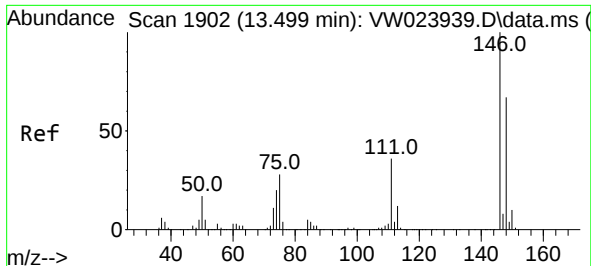
Tgt Ion:105 Resp: 291362
Ion Ratio Lower Upper
105 100
120 49.5 38.7 58.1



#63
1,2,4-Trimethylbenzene
Concen: 27.071 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW023942.D
Acq: 20 Jul 2022 17:43

Tgt Ion:105 Resp: 291028
Ion Ratio Lower Upper
105 100
120 45.5 35.5 53.3

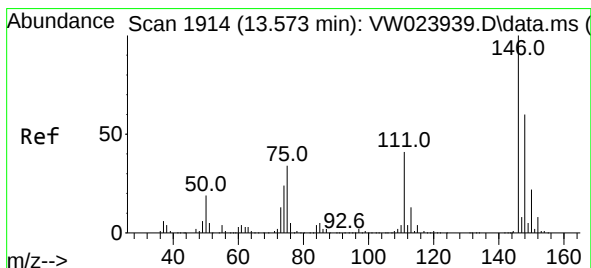
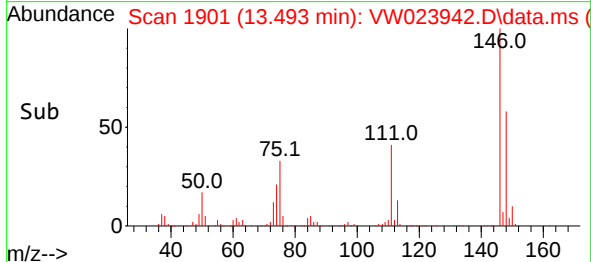
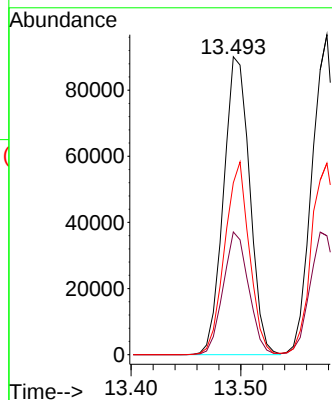
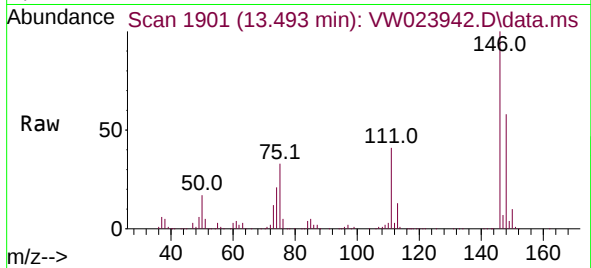




#64
1,3-Dichlorobenzene
Concen: 25.056 ug/L
RT: 13.493 min Scan# 1901
Delta R.T. -0.006 min
Lab File: VW023942.D
Acq: 20 Jul 2022 17:43

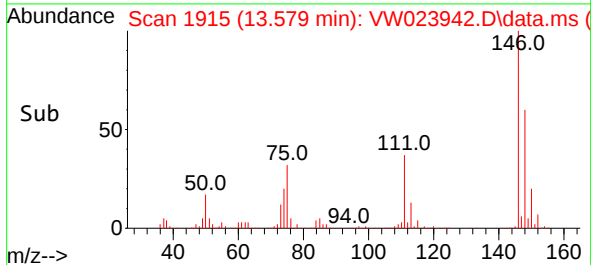
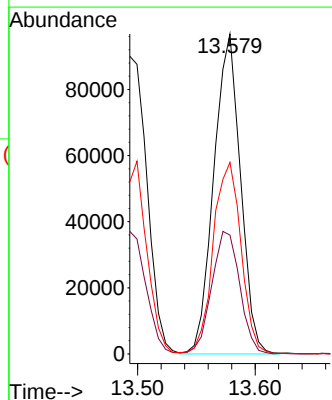
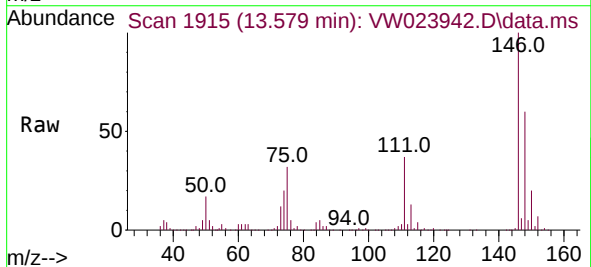
Instrument :
MSVOA_W
ClientSampleId :
H0B12MS

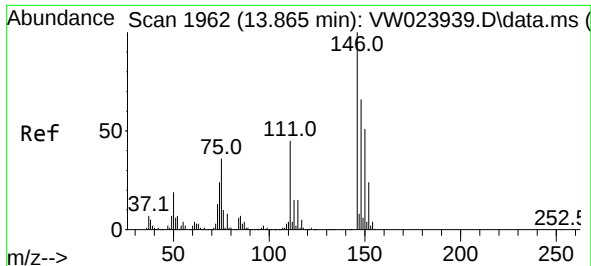
Tgt Ion:146 Resp: 149410
Ion Ratio Lower Upper
146 100
111 41.2 28.6 53.2
148 57.7 41.2 76.4



#65
1,4-Dichlorobenzene
Concen: 24.113 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.006 min
Lab File: VW023942.D
Acq: 20 Jul 2022 17:43

Tgt Ion:146 Resp: 152977
Ion Ratio Lower Upper
146 100
111 37.2 29.4 54.6
148 59.9 44.4 82.5





#67

1,2-Dichlorobenzene

Concen: 25.804 ug/L

RT: 13.871 min Scan# 1962

Delta R.T. 0.006 min

Lab File: VW023942.D

Acq: 20 Jul 2022 17:43

Instrument :

MSVOA_W

ClientSampleId :

H0B12MS

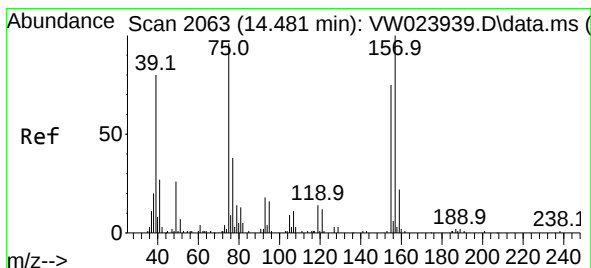
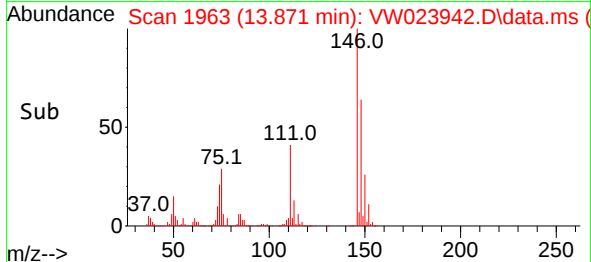
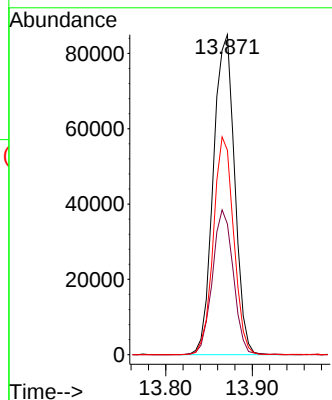
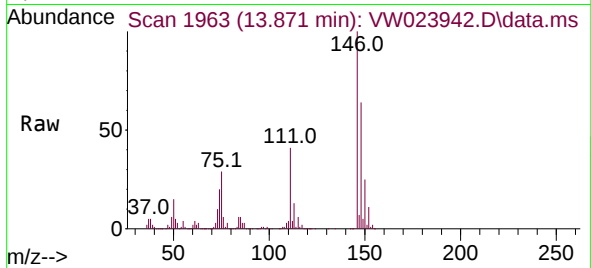
Tgt Ion:146 Resp: 145119

Ion Ratio Lower Upper

146 100

111 40.8 35.9 53.9

148 63.9 51.3 76.9



#68

1,2-Dibromo-3-chloropropane

Concen: 37.829 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW023942.D

Acq: 20 Jul 2022 17:43

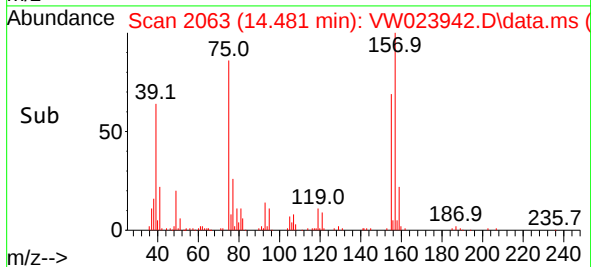
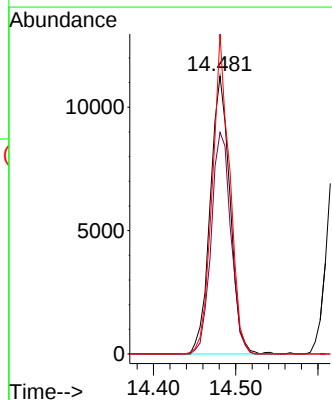
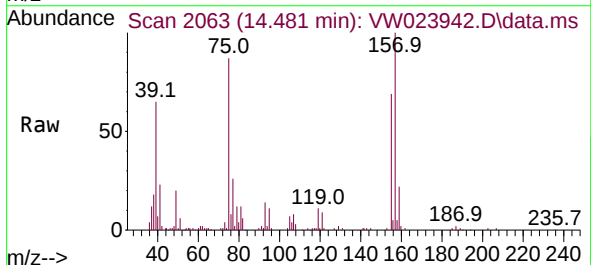
Tgt Ion: 75 Resp: 18705

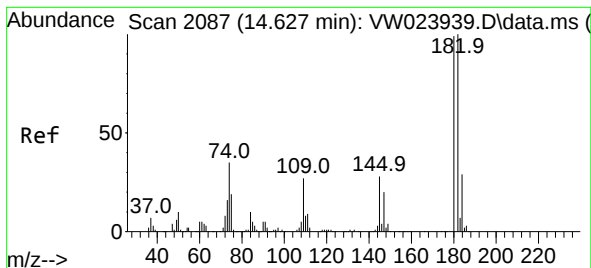
Ion Ratio Lower Upper

75 100

155 79.7 51.7 77.5#

157 115.1 63.5 95.3#





#69

1,3,5-Trichlorobenzene

Concen: 16.600 ug/L

RT: 14.627 min Scan# 2087

Delta R.T. -0.000 min

Lab File: VW023942.D

Acq: 20 Jul 2022 17:43

Instrument :

MSVOA_W

ClientSampleId :

H0B12MS

Tgt Ion:180 Resp: 65519

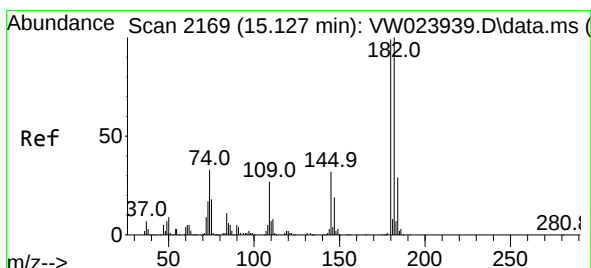
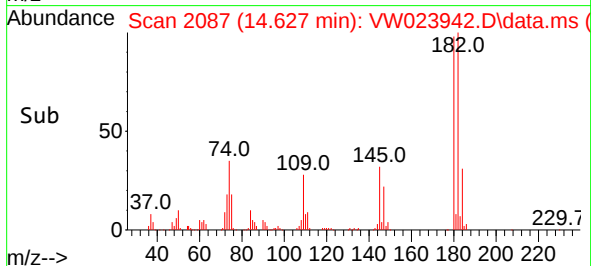
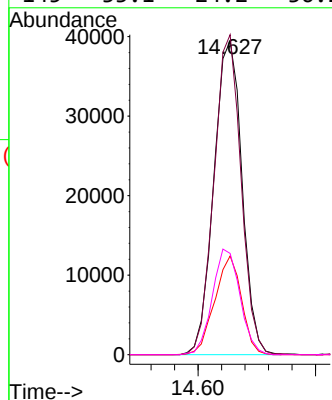
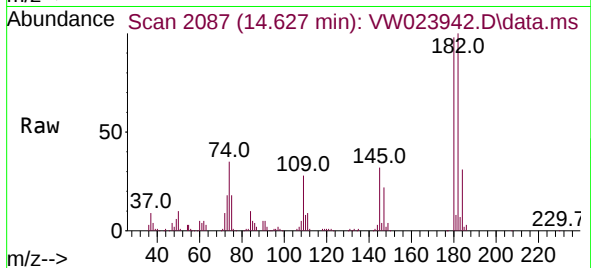
Ion Ratio Lower Upper

180 100

182 97.9 70.2 105.2

184 30.0 22.6 34.0

145 33.1 24.2 36.2



#70

1,2,4-trichlorobenzene

Concen: 15.660 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. -0.000 min

Lab File: VW023942.D

Acq: 20 Jul 2022 17:43

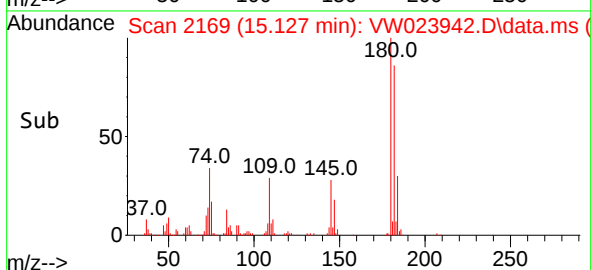
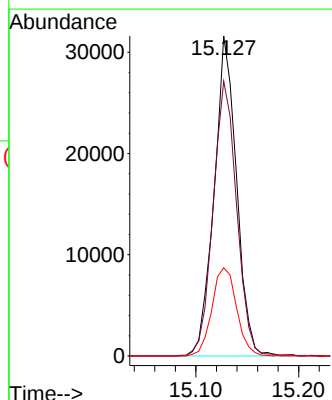
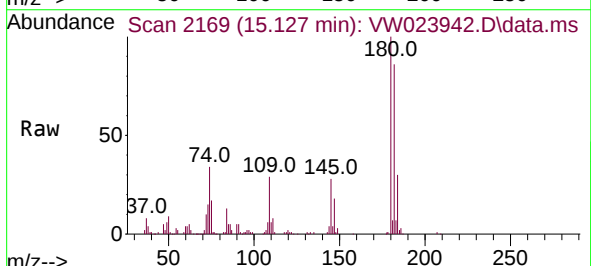
Tgt Ion:180 Resp: 47728

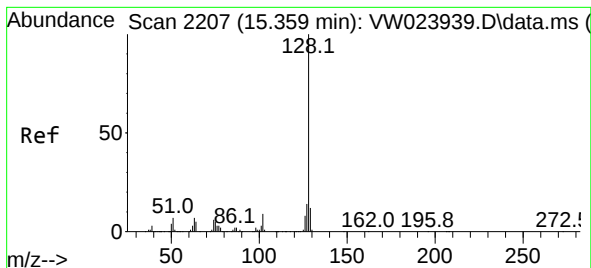
Ion Ratio Lower Upper

180 100

182 90.2 77.5 116.3

145 30.4 26.3 39.5





#71

Naphthalene

Concen: 20.433 ug/L

RT: 15.359 min Scan# 21

Delta R.T. -0.000 min

Lab File: VW023942.D

Acq: 20 Jul 2022 17:43

Instrument :

MSVOA_W

ClientSampleId :

H0B12MS

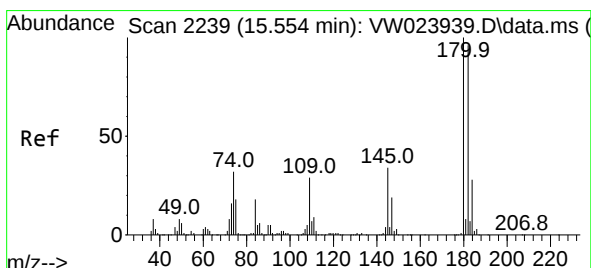
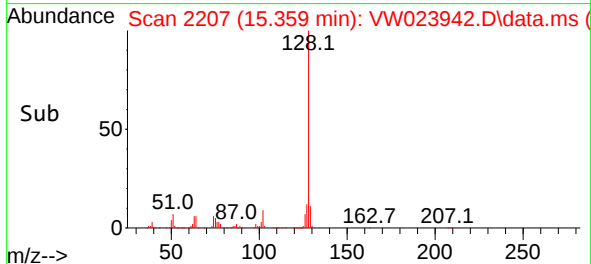
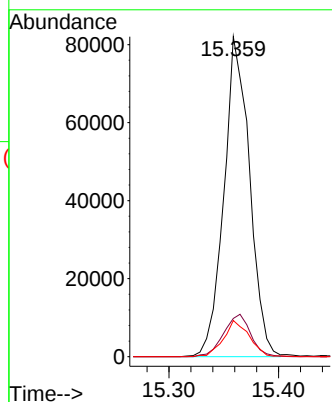
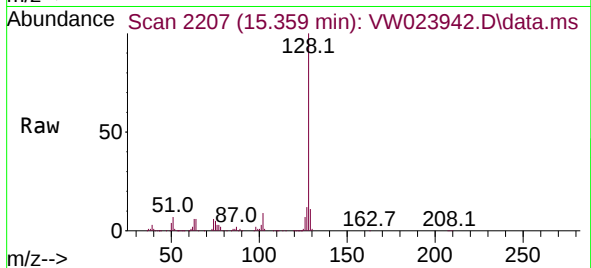
Tgt Ion:128 Resp: 133584

Ion Ratio Lower Upper

128 100

127 13.9 11.0 16.4

129 11.3 9.0 13.4



#72

1,2,3-Trichlorobenzene

Concen: 15.881 ug/L

RT: 15.548 min Scan# 2238

Delta R.T. -0.006 min

Lab File: VW023942.D

Acq: 20 Jul 2022 17:43

Tgt Ion:180 Resp: 45113

Ion Ratio Lower Upper

180 100

182 95.1 76.3 114.5

145 34.8 27.8 41.6

