

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW061022\
 Data File : VW023443.D
 Acq On : 10 Jun 2022 13:17
 Operator : SY/VA
 Sample : VSTDICV025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 10 23:58:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061022SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 10 13:00:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	332640	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	326924	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	167968	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	124563	23.571	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.280%
7) Chloroethane-d5	2.885	69	100063	25.758	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.040%
11) 1,1-Dichloroethene-d2	4.019	63	176810	23.970	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	95.880%
21) 2-Butanone-d5	7.074	46	54740	50.733	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.460%
24) Chloroform-d	7.647	84	227784	24.876	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.520%
26) 1,2-Dichloroethane-d4	8.305	65	125178	25.383	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.520%
32) Benzene-d6	8.275	84	419254	24.186	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.760%
36) 1,2-Dichloropropane-d6	9.274	67	127706	25.006	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.040%
41) Toluene-d8	10.323	98	421848	24.915	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.680%
43) trans-1,3-Dichloroprop...	10.579	79	58891	25.265	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	101.040%
47) 2-Hexanone-d5	10.921	63	47508	58.216	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	116.440%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	125877	26.390	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.560%
66) 1,2-Dichlorobenzene-d4	13.853	152	150938	24.893	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.560%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	36253	29.890	ug/L	92
3) Chloromethane	2.215	50	101829	25.380	ug/L	100
5) Vinyl chloride	2.361	62	155134	24.810	ug/L	98
6) Bromomethane	2.776	94	92269	26.071	ug/L	96
8) Chloroethane	2.922	64	83289	25.144	ug/L	96
9) Trichlorofluoromethane	3.257	101	64042	22.709	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	99154	24.387	ug/L #	87
12) 1,1-Dichloroethene	4.038	96	87204	24.076	ug/L	95
13) Acetone	4.123	43	35777	46.023	ug/L	99
14) Carbon disulfide	4.379	76	271195	24.340	ug/L	99
15) Methyl Acetate	4.666	43	43274	24.933	ug/L	99
16) Methylene chloride	4.915	84	105581	23.453	ug/L	96
17) trans-1,2-Dichloroethene	5.422	96	103780	24.200	ug/L	95
18) Methyl tert-butyl Ether	5.428	73	167202	25.905	ug/L	98
19) 1,1-Dichloroethane	6.214	63	186740	24.311	ug/L	99
20) cis-1,2-Dichloroethene	7.165	96	115698	24.670	ug/L #	96
22) 2-Butanone	7.171	43	59484	49.992	ug/L	99
23) Bromochloromethane	7.513	128	53057	24.558	ug/L	94
25) Chloroform	7.671	83	211777	24.431	ug/L	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW061022\
 Data File : VW023443.D
 Acq On : 10 Jun 2022 13:17
 Operator : SY/VA
 Sample : VSTDICV025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 10 23:58:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061022SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 10 13:00:06 2022
 Response via : Initial Calibration

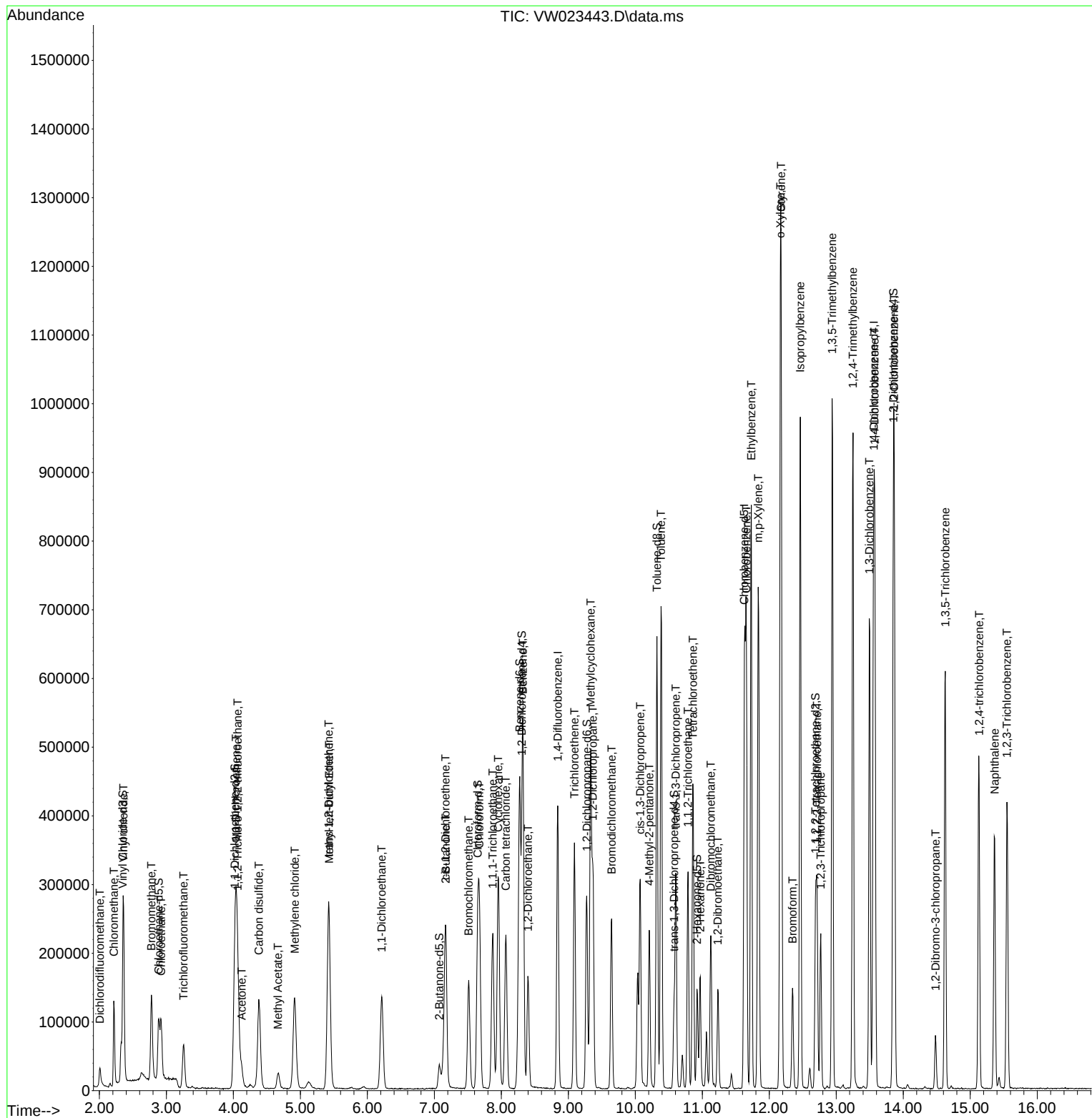
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	143537	25.037	ug/L	100
29) Cyclohexane	7.952	56	161935	24.592	ug/L	97
30) 1,1,1-Trichloroethane	7.872	97	179842	23.765	ug/L	99
31) Carbon tetrachloride	8.067	117	160559	23.030	ug/L	99
33) Benzene	8.323	78	452873	23.980	ug/L	100
34) Trichloroethene	9.092	95	119004	23.510	ug/L	98
35) Methylcyclohexane	9.335	83	196250	23.947	ug/L	97
37) 1,2-Dichloropropane	9.366	63	109334	23.690	ug/L	99
38) Bromodichloromethane	9.646	83	158674	24.445	ug/L	95
39) cis-1,3-Dichloropropene	10.073	75	176402	24.942	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	141292	53.675	ug/L	99
42) Toluene	10.384	91	515893	24.450	ug/L	98
44) trans-1,3-Dichloropropene	10.604	75	162849	25.518	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	91721	24.194	ug/L	98
46) Tetrachloroethene	10.860	164	89981	23.026	ug/L	89
48) 2-Hexanone	10.969	43	101171	56.870	ug/L	95
49) Dibromochloromethane	11.128	129	110158	24.811	ug/L	98
50) 1,2-Dibromoethane	11.231	107	90317	25.485	ug/L	97
51) Chlorobenzene	11.658	112	342780	24.072	ug/L	97
52) Ethylbenzene	11.731	91	583239	24.321	ug/L	98
53) m,p-Xylene	11.835	106	228147	24.444	ug/L	98
54) o-Xylene	12.164	106	222781	24.978	ug/L	100
55) Styrene	12.176	104	393794	25.393	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	120898	26.260	ug/L	95
59) Bromoform	12.347	173	60157	25.196	ug/L	96
60) Isopropylbenzene	12.463	105	608333	25.302	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	83747	26.204	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	511759	26.026	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	504246	25.625	ug/L	98
64) 1,3-Dichlorobenzene	13.493	146	263821	24.735	ug/L	96
65) 1,4-Dichlorobenzene	13.572	146	271973	24.972	ug/L	96
67) 1,2-Dichlorobenzene	13.865	146	252989	25.896	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	19015	26.944	ug/L #	85
69) 1,3,5-Trichlorobenzene	14.627	180	170371	24.445	ug/L	99
70) 1,2,4-trichlorobenzene	15.133	180	140556	25.900	ug/L	99
71) Naphthalene	15.365	128	298887	27.997	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	123497	26.176	ug/L	95

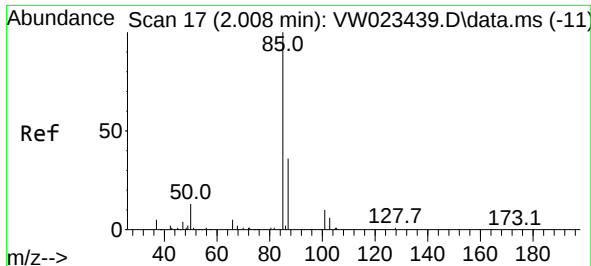
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW061022\
 Data File : VW023443.D
 Acq On : 10 Jun 2022 13:17
 Operator : SY/VA
 Sample : VSTDICV025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 10 23:58:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061022SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 10 13:00:06 2022
 Response via : Initial Calibration

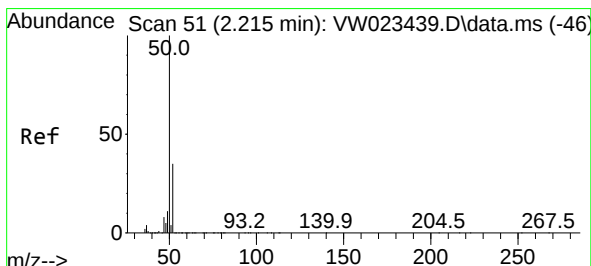
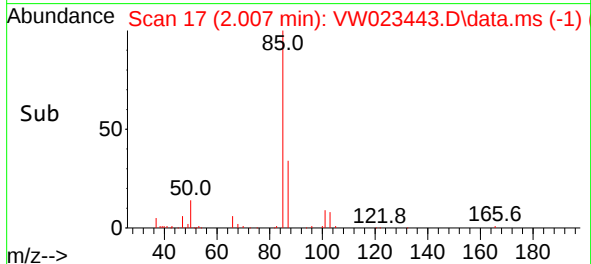
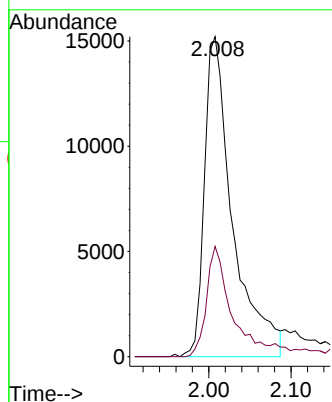
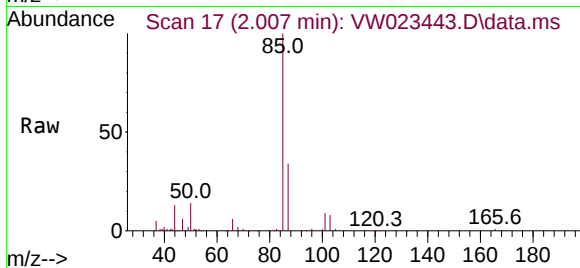




#2
Dichlorodifluoromethane
Concen: 29.890 ug/L
RT: 2.007 min Scan# 11
Delta R.T. -0.001 min
Lab File: VW023443.D
Acq: 10 Jun 2022 13:17

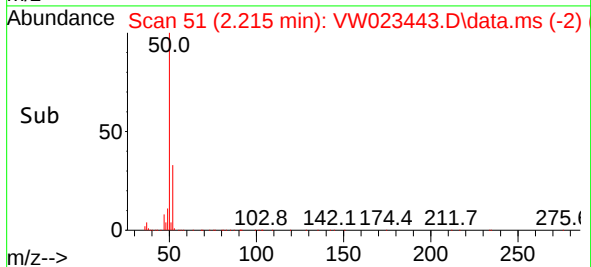
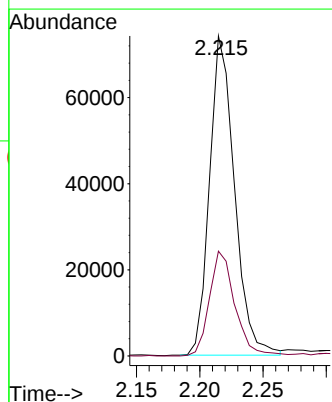
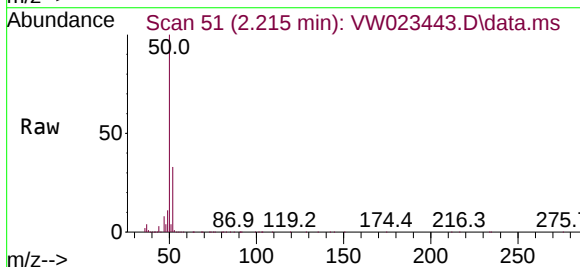
Instrument :
MSVOA_W
ClientSampleId :

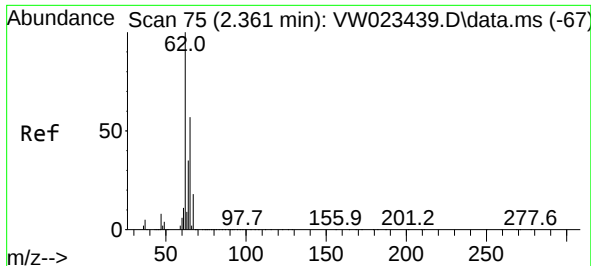
Tgt Ion: 85 Resp: 36253
Ion Ratio Lower Upper
85 100
87 30.3 27.8 41.8



#3
Chloromethane
Concen: 25.380 ug/L
RT: 2.215 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW023443.D
Acq: 10 Jun 2022 13:17

Tgt Ion: 50 Resp: 101829
Ion Ratio Lower Upper
50 100
52 32.8 23.1 42.9

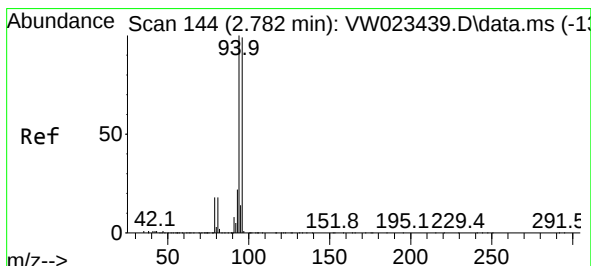
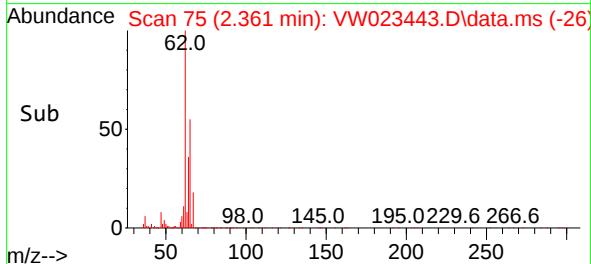
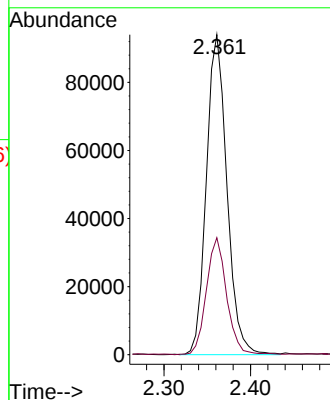
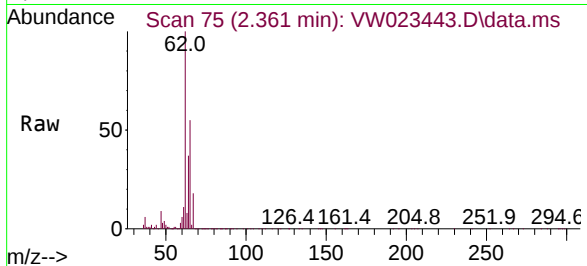




#5
 Vinyl chloride
 Concen: 24.810 ug/L
 RT: 2.361 min Scan# 75
 Delta R.T. -0.000 min
 Lab File: VW023443.D
 Acq: 10 Jun 2022 13:17

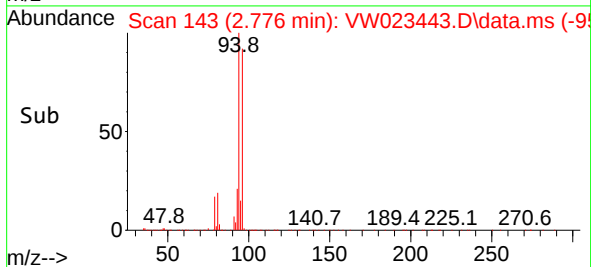
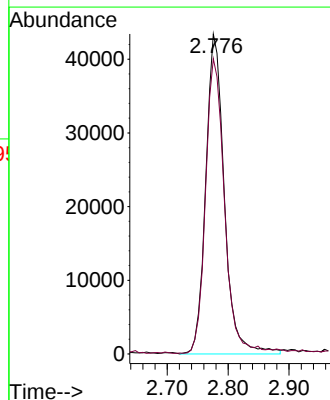
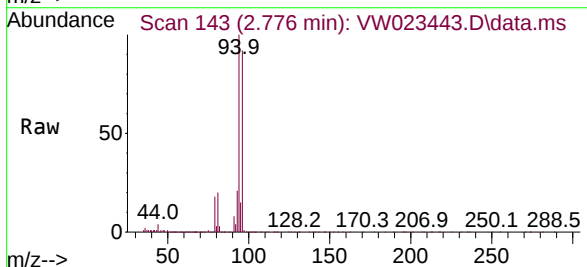
Instrument :
 MSVOA_W
 ClientSampleId :

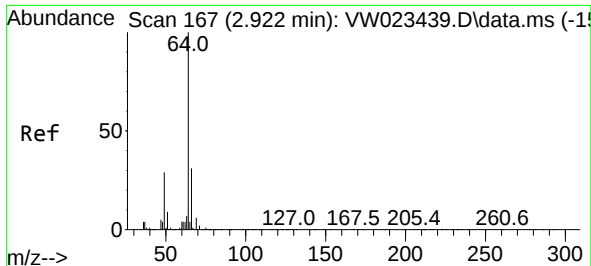
Tgt Ion: 62 Resp: 155134
 Ion Ratio Lower Upper
 62 100
 64 36.6 24.9 46.3



#6
 Bromomethane
 Concen: 26.071 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. -0.006 min
 Lab File: VW023443.D
 Acq: 10 Jun 2022 13:17

Tgt Ion: 94 Resp: 92269
 Ion Ratio Lower Upper
 94 100
 96 92.3 61.7 114.5

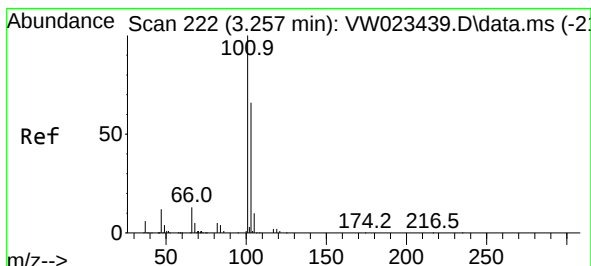
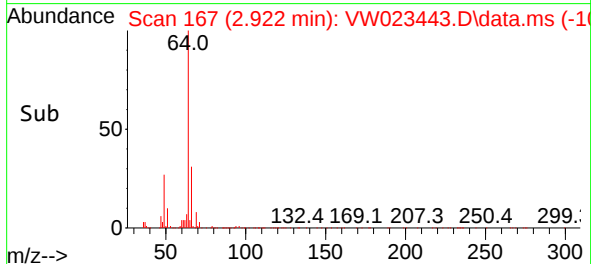
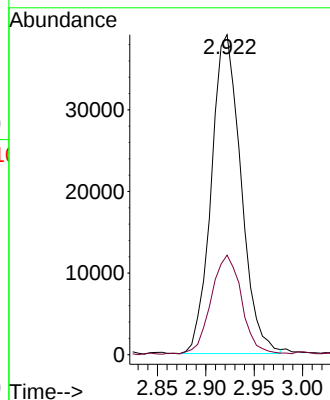
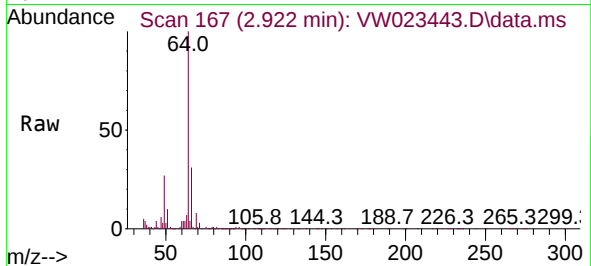




#8
Chloroethane
Concen: 25.144 ug/L
RT: 2.922 min Scan# 167
Delta R.T. -0.000 min
Lab File: VW023443.D
Acq: 10 Jun 2022 13:17

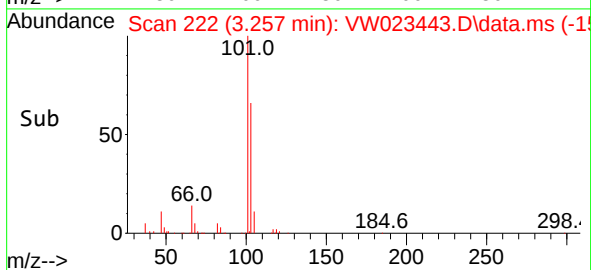
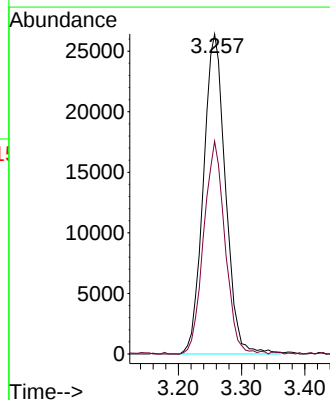
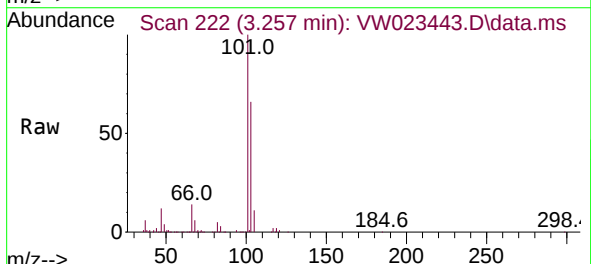
Instrument :
MSVOA_W
ClientSampleId :

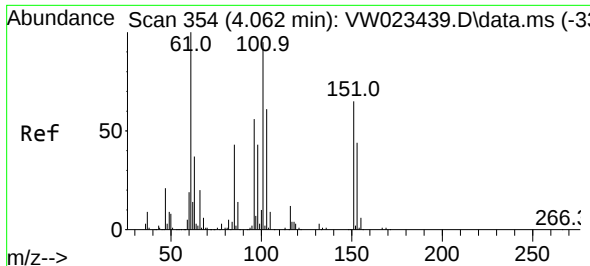
Tgt Ion: 64 Resp: 83289
Ion Ratio Lower Upper
64 100
66 31.1 23.4 43.6



#9
Trichlorofluoromethane
Concen: 22.709 ug/L
RT: 3.257 min Scan# 222
Delta R.T. -0.000 min
Lab File: VW023443.D
Acq: 10 Jun 2022 13:17

Tgt Ion: 101 Resp: 64042
Ion Ratio Lower Upper
101 100
103 63.8 53.9 80.9

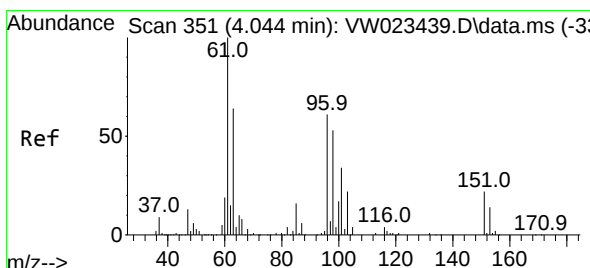
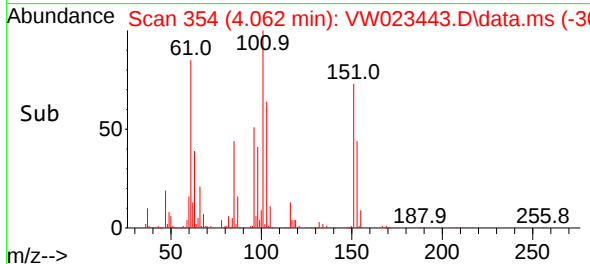
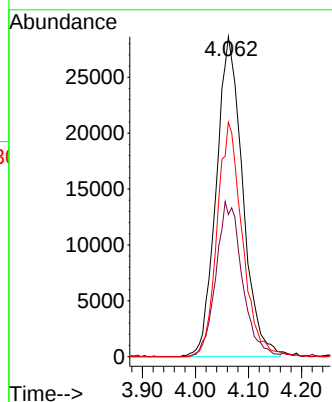
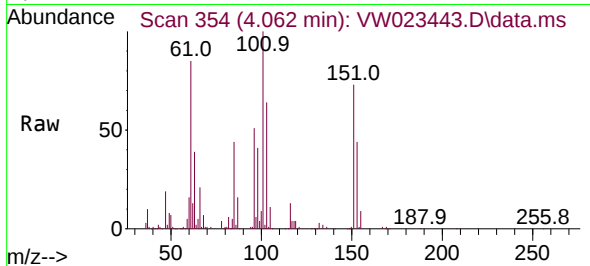




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 24.387 ug/L
 RT: 4.062 min Scan# 310
 Delta R.T. -0.000 min
 Lab File: VW023443.D
 Acq: 10 Jun 2022 13:17

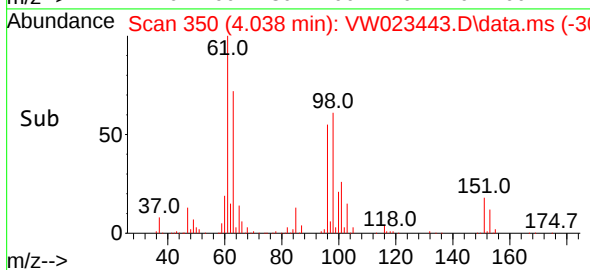
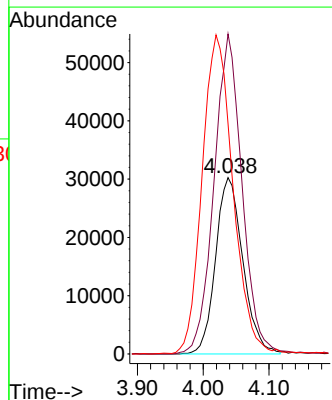
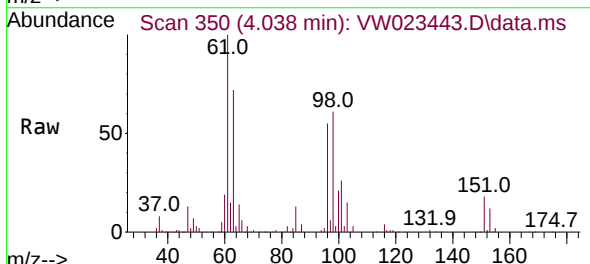
Instrument :
 MSVOA_W
 ClientSampleId :

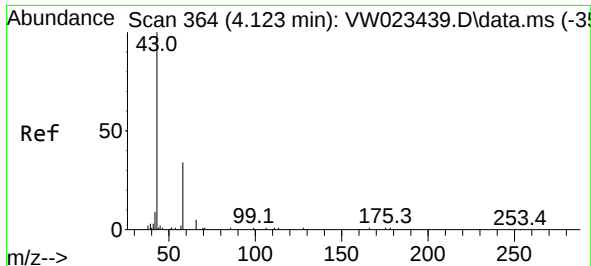
Tgt Ion:101 Resp: 99154
 Ion Ratio Lower Upper
 101 100
 85 24.8 34.3 51.5#
 151 69.8 54.2 81.2



#12
 1,1-Dichloroethene
 Concen: 24.076 ug/L
 RT: 4.038 min Scan# 350
 Delta R.T. -0.006 min
 Lab File: VW023443.D
 Acq: 10 Jun 2022 13:17

Tgt Ion: 96 Resp: 87204
 Ion Ratio Lower Upper
 96 100
 61 181.4 125.7 233.5
 63 130.6 83.4 155.0

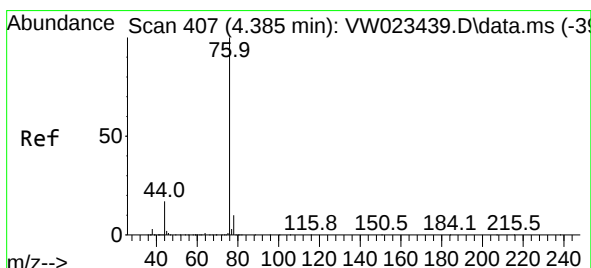
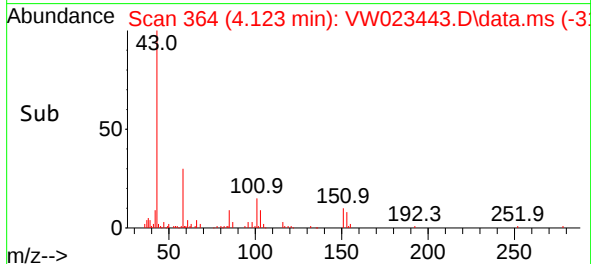
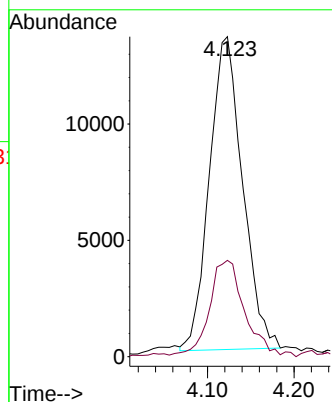
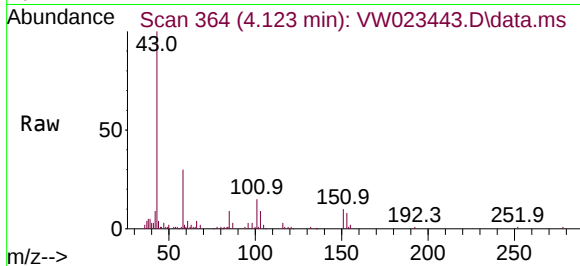




#13
Acetone
Concen: 46.023 ug/L
RT: 4.123 min Scan# 30
Delta R.T. -0.000 min
Lab File: VW023443.D
Acq: 10 Jun 2022 13:17

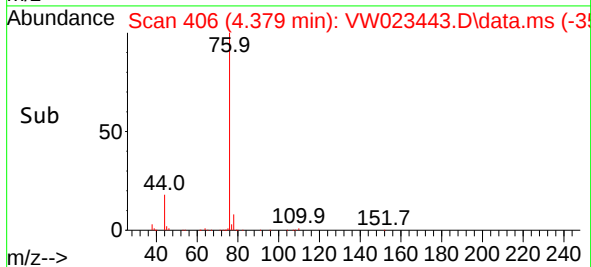
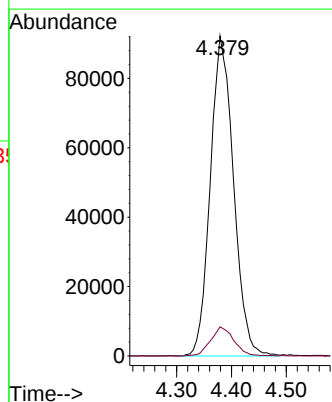
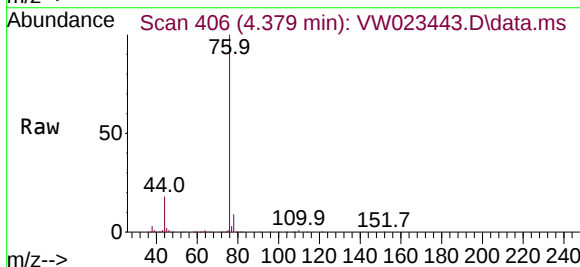
Instrument :
MSVOA_W
ClientSampleId :

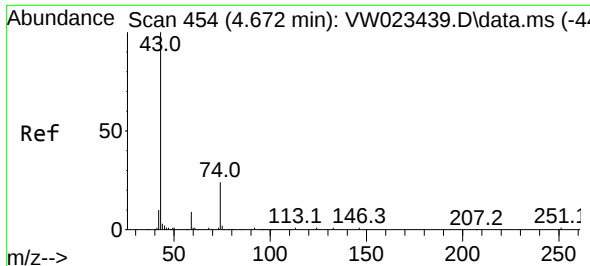
Tgt Ion: 43 Resp: 35777
Ion Ratio Lower Upper
43 100
58 31.3 0.0 64.0



#14
Carbon disulfide
Concen: 24.340 ug/L
RT: 4.379 min Scan# 406
Delta R.T. -0.006 min
Lab File: VW023443.D
Acq: 10 Jun 2022 13:17

Tgt Ion: 76 Resp: 271195
Ion Ratio Lower Upper
76 100
78 9.1 7.7 11.5

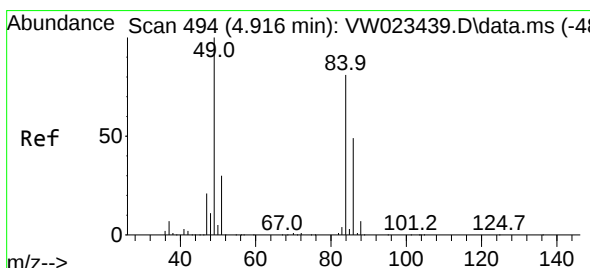
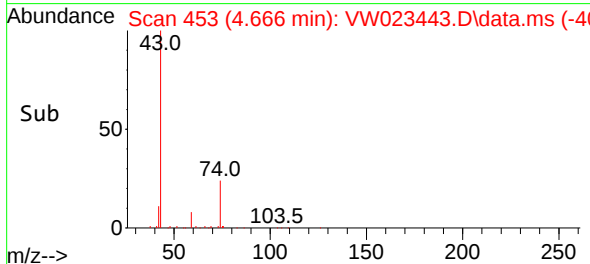
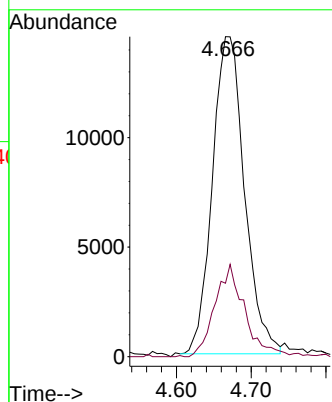
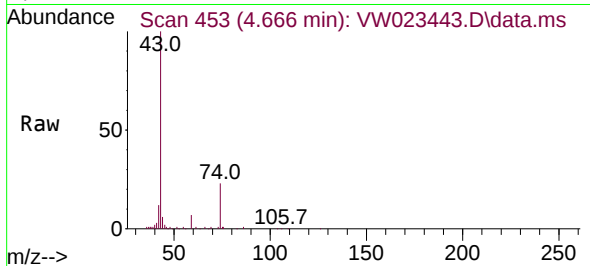




#15
Methyl Acetate
Concen: 24.933 ug/L
RT: 4.666 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW023443.D
Acq: 10 Jun 2022 13:17

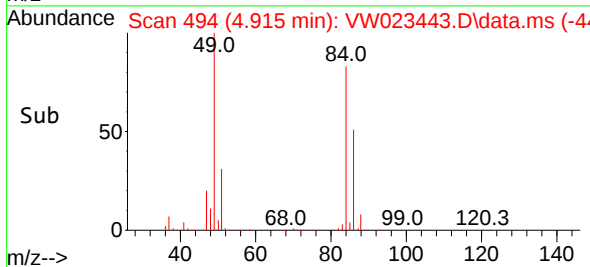
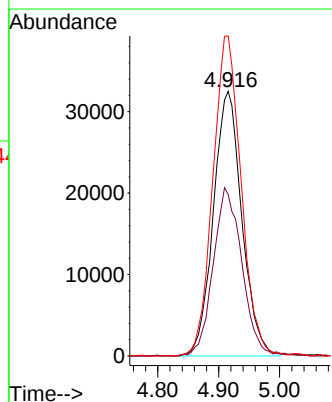
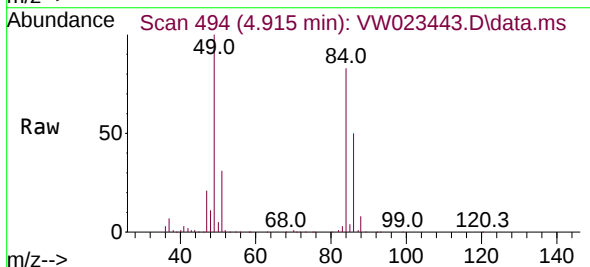
Instrument :
MSVOA_W
ClientSampleId :

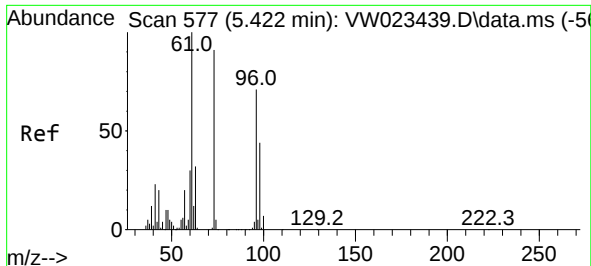
Tgt Ion: 43 Resp: 43274
Ion Ratio Lower Upper
43 100
74 26.8 21.9 32.9



#16
Methylene chloride
Concen: 23.453 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.000 min
Lab File: VW023443.D
Acq: 10 Jun 2022 13:17

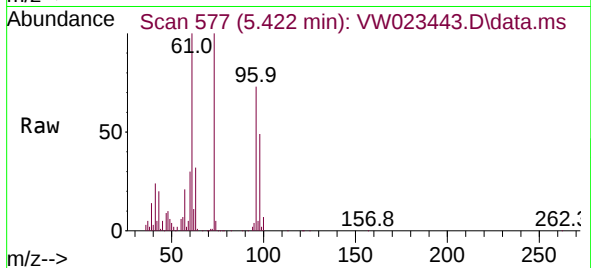
Tgt Ion: 84 Resp: 105581
Ion Ratio Lower Upper
84 100
86 61.0 45.4 84.4
49 120.9 82.5 153.1



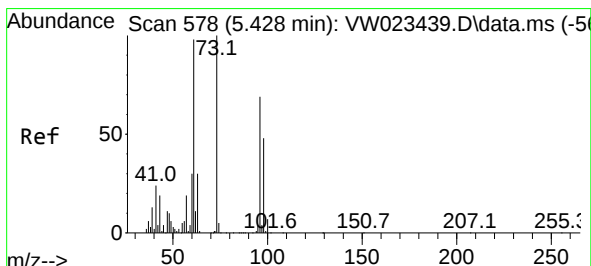
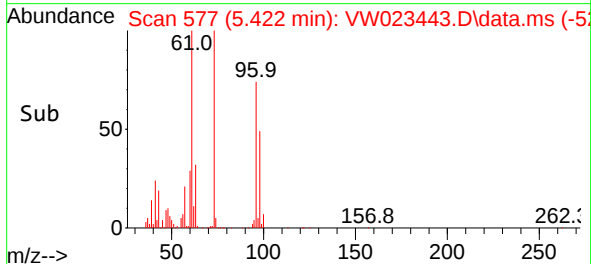
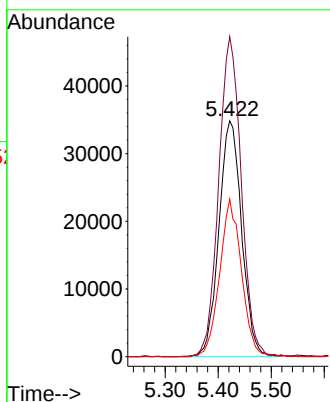


#17
trans-1,2-Dichloroethene
Concen: 24.200 ug/L
RT: 5.422 min Scan# 577
Delta R.T. -0.000 min
Lab File: VW023443.D
Acq: 10 Jun 2022 13:17

Instrument :
MSVOA_W
ClientSampleId :

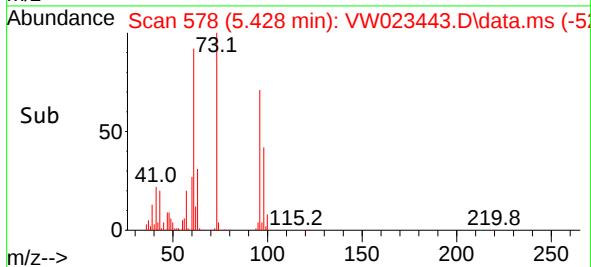
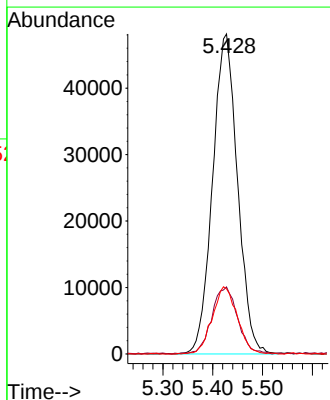
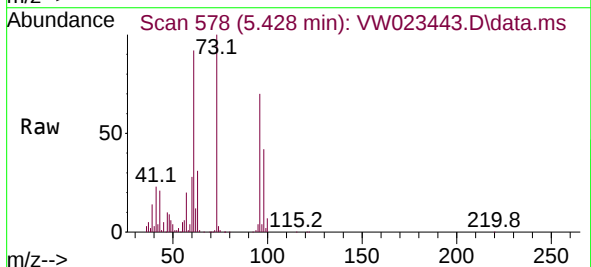


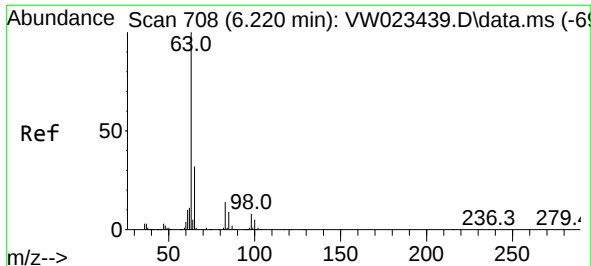
Tgt Ion: 96 Resp: 103780
Ion Ratio Lower Upper
96 100
61 135.7 92.2 171.2
98 66.8 42.9 79.7



#18
Methyl tert-butyl Ether
Concen: 25.905 ug/L
RT: 5.428 min Scan# 578
Delta R.T. -0.000 min
Lab File: VW023443.D
Acq: 10 Jun 2022 13:17

Tgt Ion: 73 Resp: 167202
Ion Ratio Lower Upper
73 100
43 21.7 15.9 23.9
57 21.0 16.5 24.7





#19

1,1-Dichloroethane

Concen: 24.311 ug/L

RT: 6.214 min Scan# 708

Delta R.T. -0.006 min

Lab File: VW023443.D

Acq: 10 Jun 2022 13:17

Instrument :

MSVOA_W

ClientSampleId :

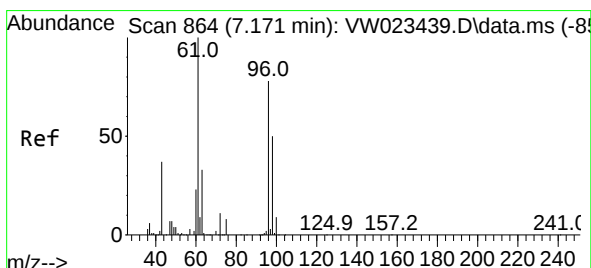
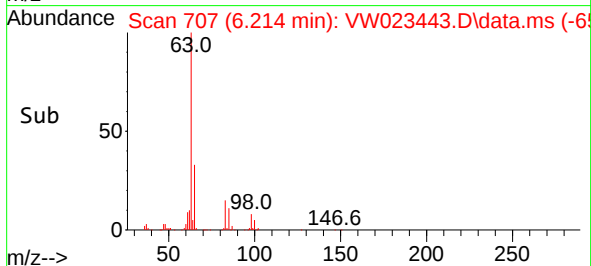
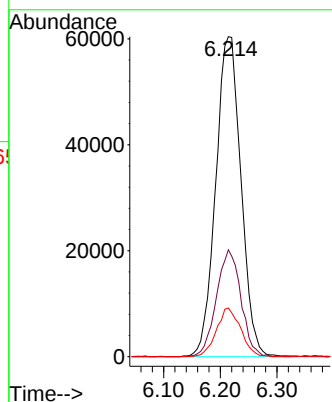
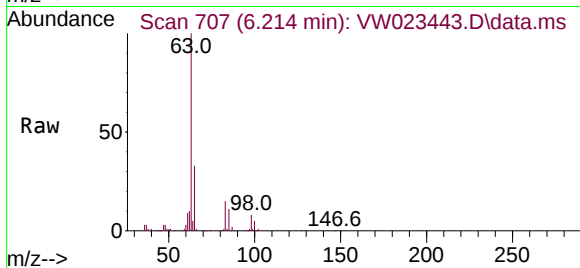
Tgt Ion: 63 Resp: 186740

Ion Ratio Lower Upper

63 100

65 33.4 23.3 43.3

83 15.2 11.1 20.5



#20

cis-1,2-Dichloroethene

Concen: 24.670 ug/L

RT: 7.165 min Scan# 863

Delta R.T. -0.006 min

Lab File: VW023443.D

Acq: 10 Jun 2022 13:17

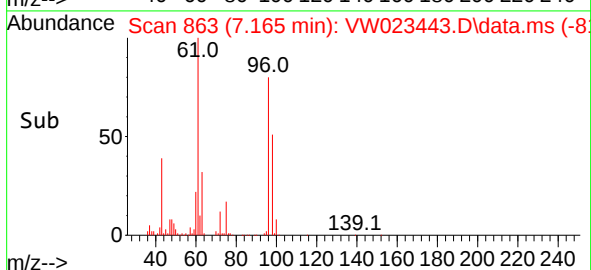
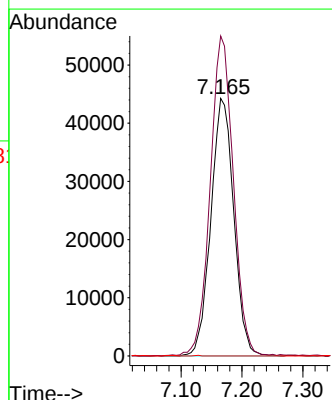
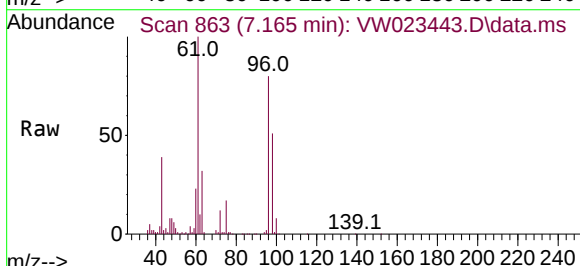
Tgt Ion: 96 Resp: 115698

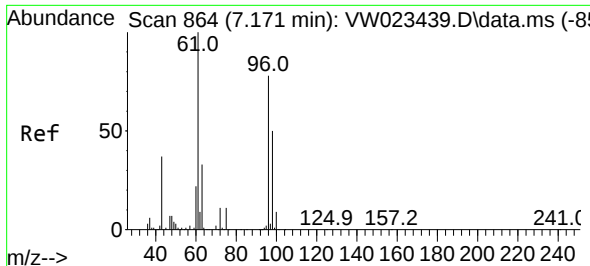
Ion Ratio Lower Upper

96 100

61 124.2 84.2 156.4

68 0.0 0.1 0.1#

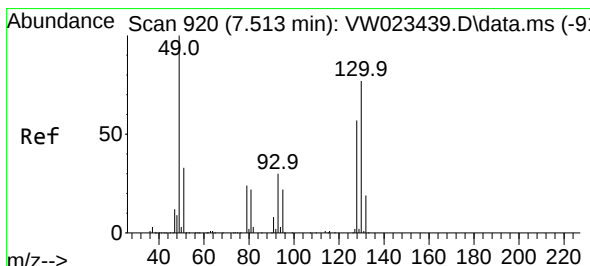
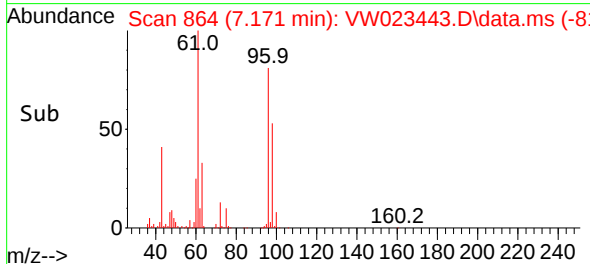
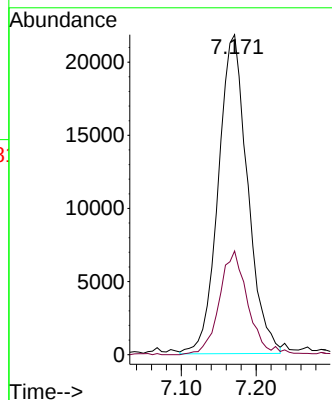
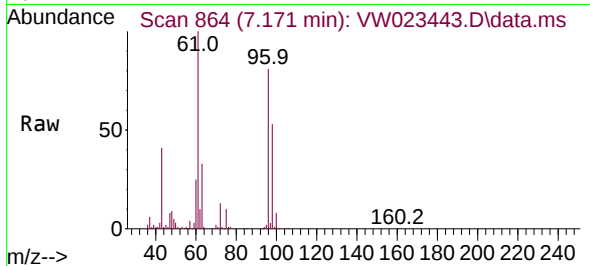




#22
2-Butanone
Concen: 49.992 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW023443.D
Acq: 10 Jun 2022 13:17

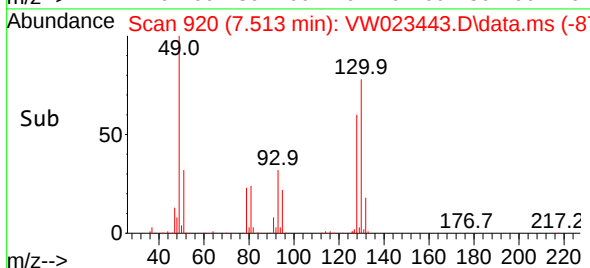
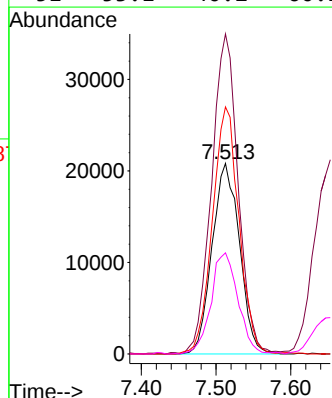
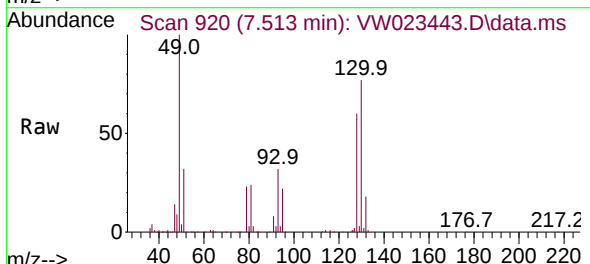
Instrument :
MSVOA_W
ClientSampleId :

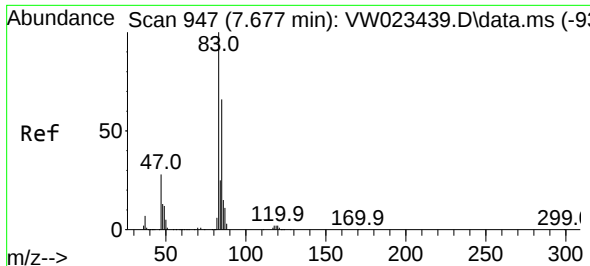
Tgt Ion: 43 Resp: 59484
Ion Ratio Lower Upper
43 100
72 30.7 15.1 45.3



#23
Bromochloromethane
Concen: 24.558 ug/L
RT: 7.513 min Scan# 920
Delta R.T. -0.000 min
Lab File: VW023443.D
Acq: 10 Jun 2022 13:17

Tgt Ion: 128 Resp: 53057
Ion Ratio Lower Upper
128 100
49 168.0 110.0 204.4
130 129.7 94.8 176.0
51 53.1 40.2 60.2

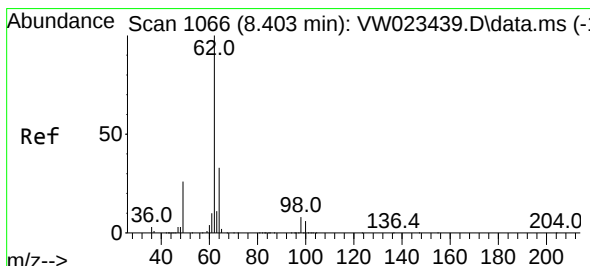
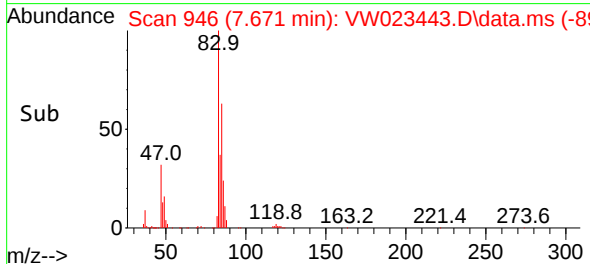
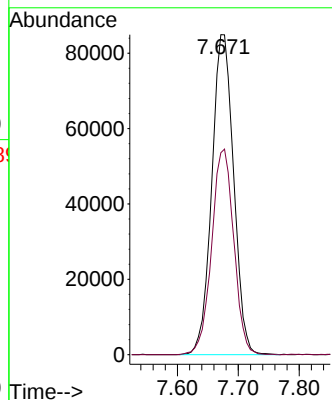
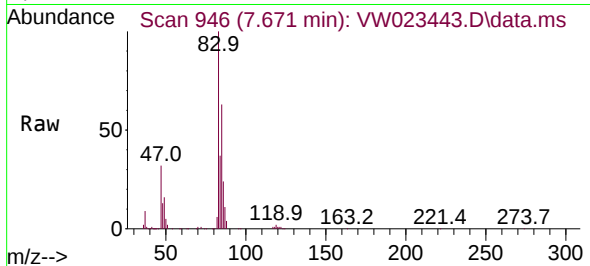




#25
Chloroform
Concen: 24.431 ug/L
RT: 7.671 min Scan# 947
Delta R.T. -0.006 min
Lab File: VW023443.D
Acq: 10 Jun 2022 13:17

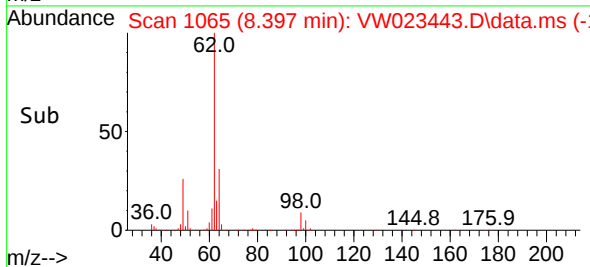
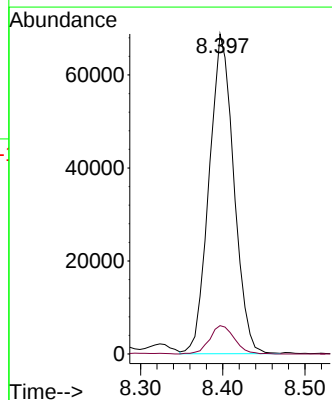
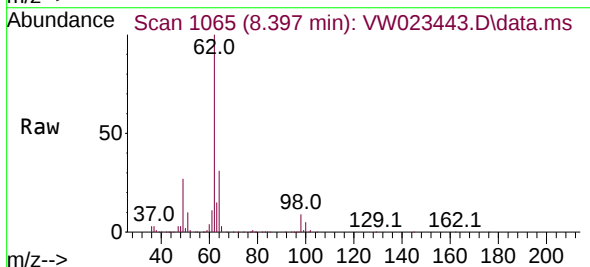
Instrument :
MSVOA_W
ClientSampleId :

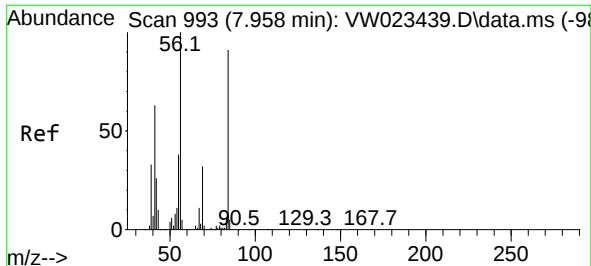
Tgt Ion: 83 Resp: 211777
Ion Ratio Lower Upper
83 100
85 63.1 46.6 86.6



#27
1,2-Dichloroethane
Concen: 25.037 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VW023443.D
Acq: 10 Jun 2022 13:17

Tgt Ion: 62 Resp: 143537
Ion Ratio Lower Upper
62 100
98 8.9 7.2 10.8





#29

Cyclohexane

Concen: 24.592 ug/L

RT: 7.952 min Scan# 993

Delta R.T. -0.006 min

Lab File: VW023443.D

Acq: 10 Jun 2022 13:17

Instrument :

MSVOA_W

ClientSampleId :

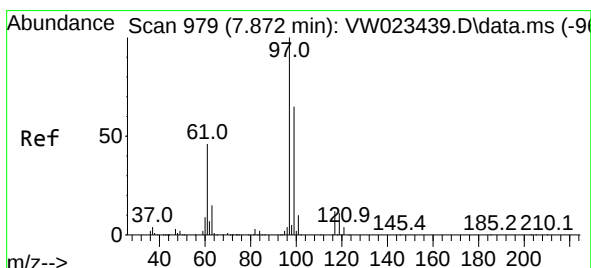
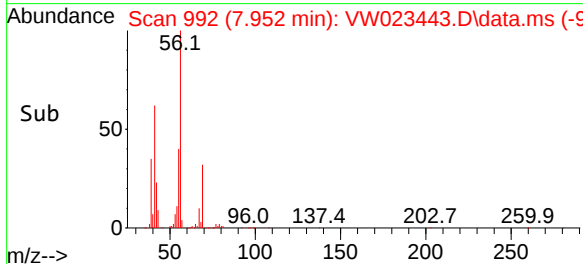
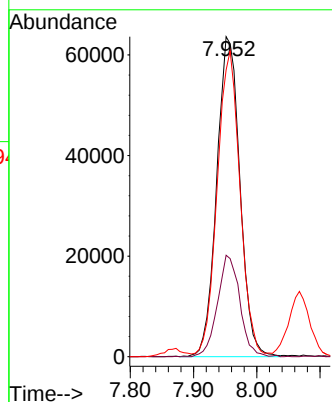
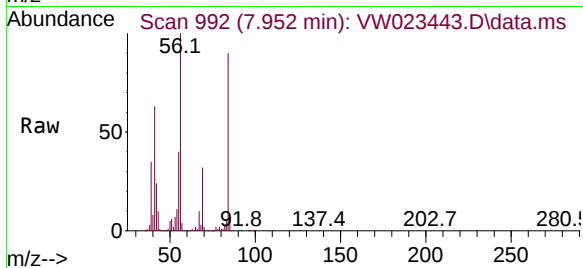
Tgt Ion: 56 Resp: 161935

Ion Ratio Lower Upper

56 100

69 30.4 25.6 38.4

84 94.3 78.2 117.4



#30

1,1,1-Trichloroethane

Concen: 23.765 ug/L

RT: 7.872 min Scan# 979

Delta R.T. -0.000 min

Lab File: VW023443.D

Acq: 10 Jun 2022 13:17

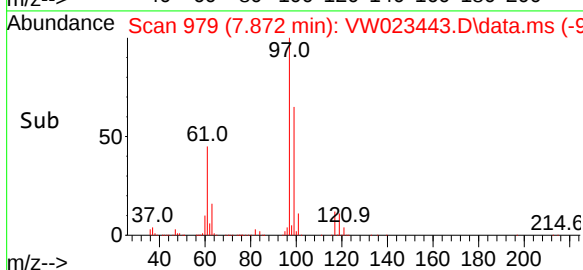
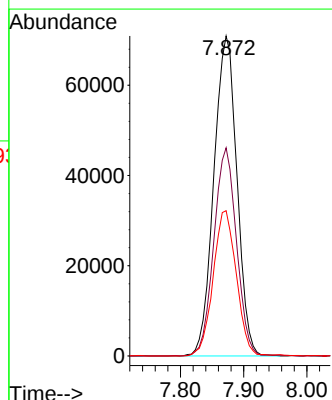
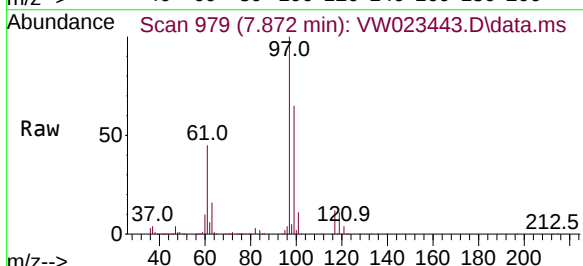
Tgt Ion: 97 Resp: 179842

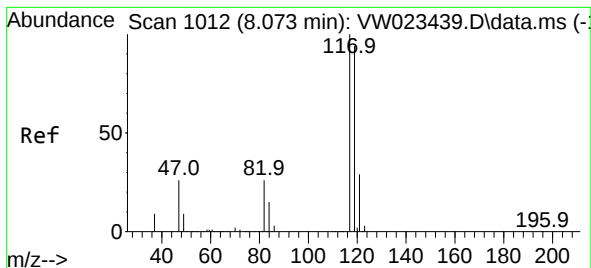
Ion Ratio Lower Upper

97 100

99 63.7 51.0 76.4

61 45.5 34.8 52.2





#31

Carbon tetrachloride

Concen: 23.030 ug/L

RT: 8.067 min Scan# 1011

Delta R.T. -0.006 min

Lab File: VW023443.D

Acq: 10 Jun 2022 13:17

Instrument :

MSVOA_W

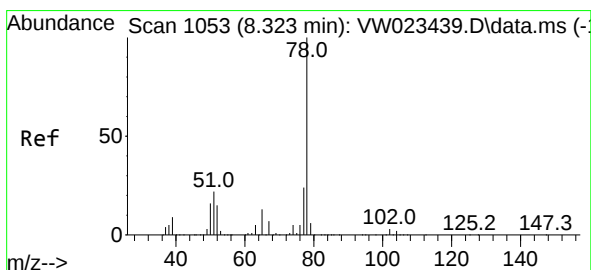
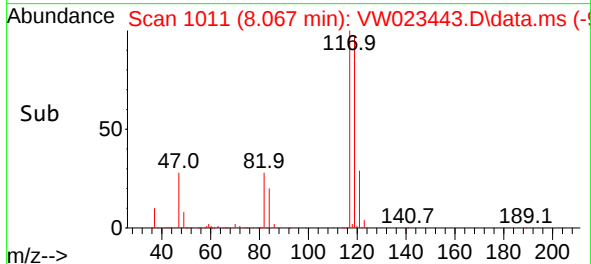
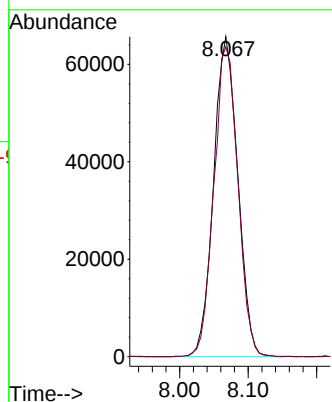
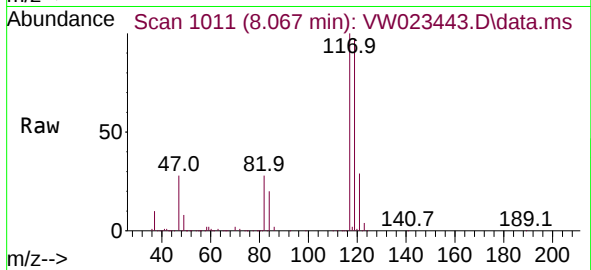
ClientSampleId :

Tgt Ion:117 Resp: 160559

Ion Ratio Lower Upper

117 100

119 96.7 76.6 115.0



#33

Benzene

Concen: 23.980 ug/L

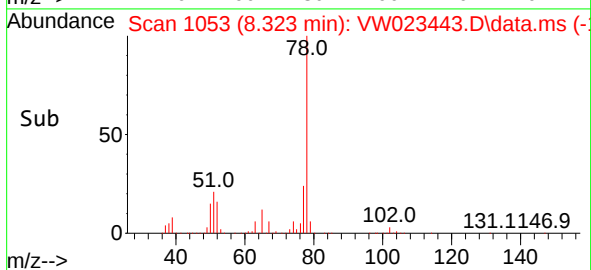
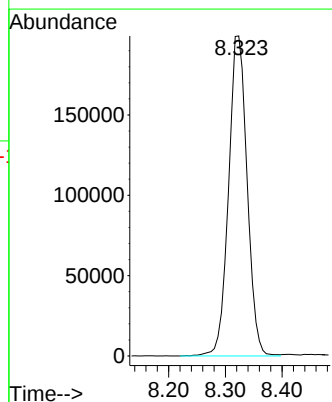
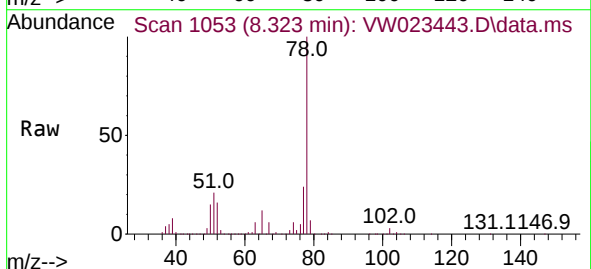
RT: 8.323 min Scan# 1053

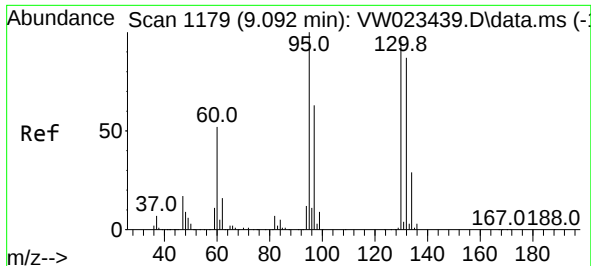
Delta R.T. -0.000 min

Lab File: VW023443.D

Acq: 10 Jun 2022 13:17

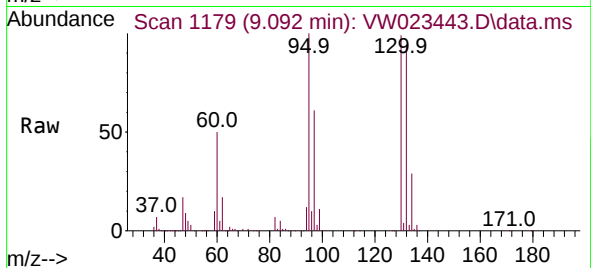
Tgt Ion: 78 Resp: 452873



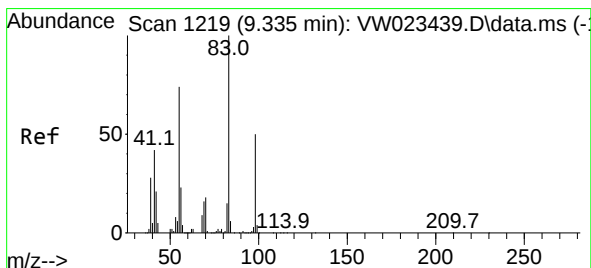
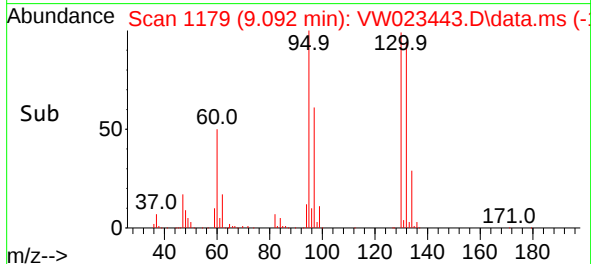
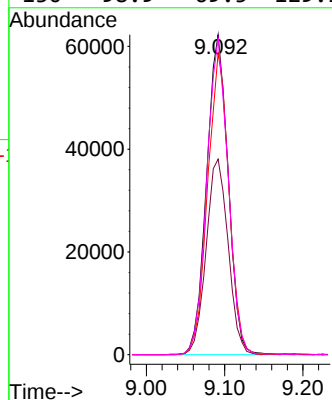


#34
Trichloroethene
Concen: 23.510 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW023443.D
Acq: 10 Jun 2022 13:17

Instrument :
MSVOA_W
ClientSampleId :

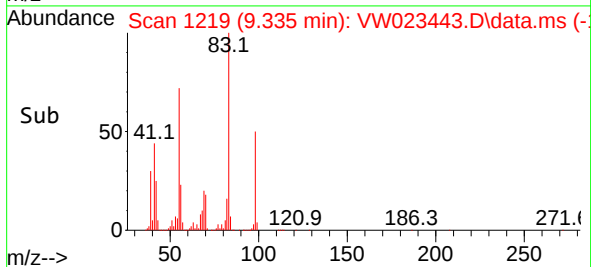
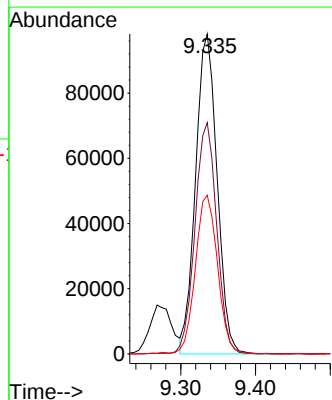
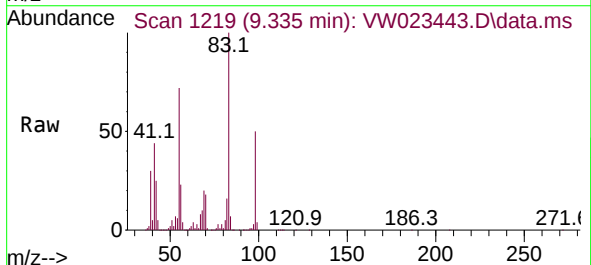


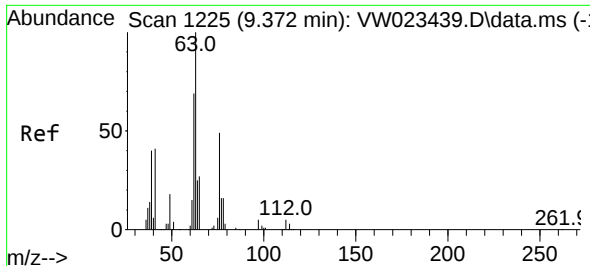
Tgt Ion: 95 Resp: 119004
Ion Ratio Lower Upper
95 100
97 61.1 46.1 85.7
132 94.2 66.9 124.3
130 98.9 69.5 129.1



#35
Methylcyclohexane
Concen: 23.947 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW023443.D
Acq: 10 Jun 2022 13:17

Tgt Ion: 83 Resp: 196250
Ion Ratio Lower Upper
83 100
55 72.7 55.1 82.7
98 51.1 40.4 60.6





#37

1,2-Dichloropropane

Concen: 23.690 ug/L

RT: 9.366 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW023443.D

Acq: 10 Jun 2022 13:17

Instrument :

MSVOA_W

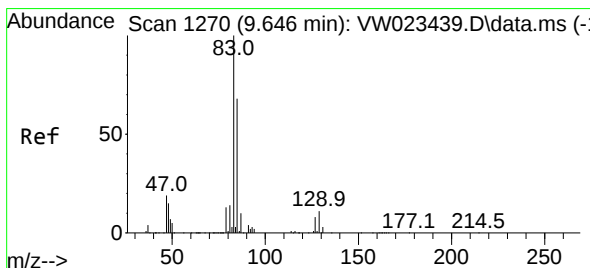
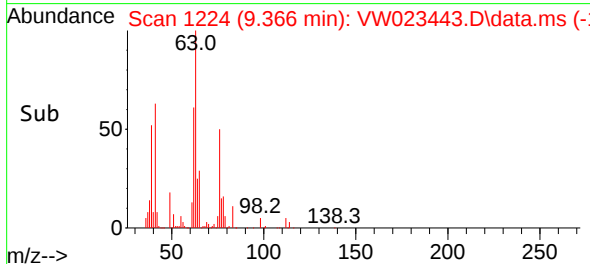
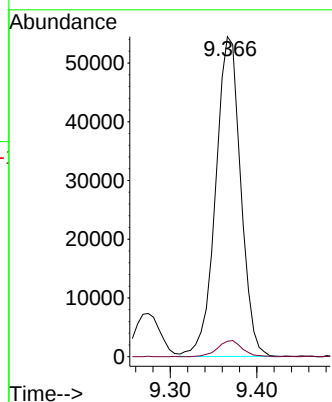
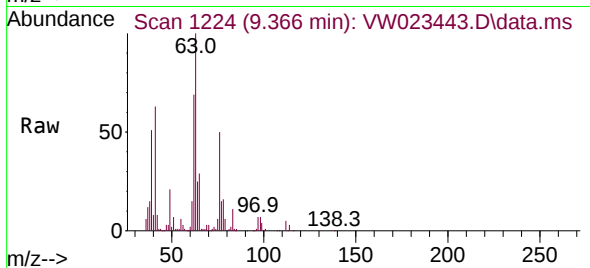
ClientSampleId :

Tgt Ion: 63 Resp: 109334

Ion Ratio Lower Upper

63 100

112 5.0 3.8 5.8



#38

Bromodichloromethane

Concen: 24.445 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. -0.000 min

Lab File: VW023443.D

Acq: 10 Jun 2022 13:17

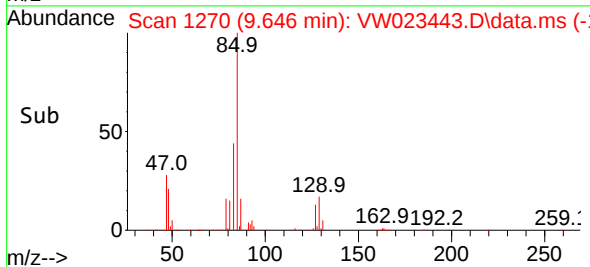
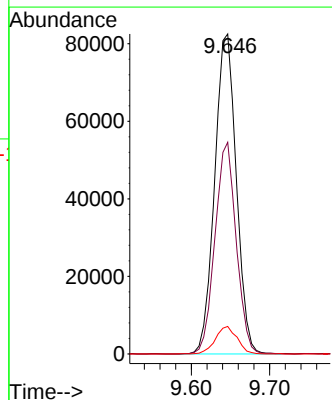
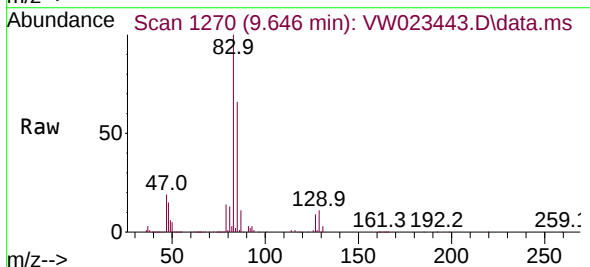
Tgt Ion: 83 Resp: 158674

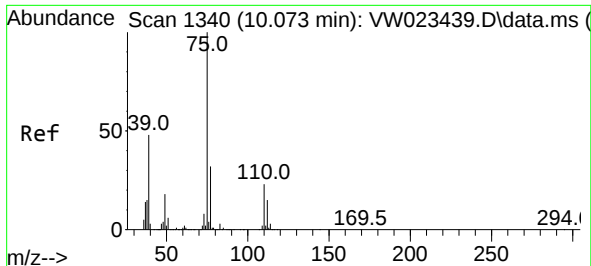
Ion Ratio Lower Upper

83 100

85 66.2 43.5 80.7

127 8.6 7.1 10.7





#39

cis-1,3-Dichloropropene

Concen: 24.942 ug/L

RT: 10.073 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW023443.D

Acq: 10 Jun 2022 13:17

Instrument :

MSVOA_W

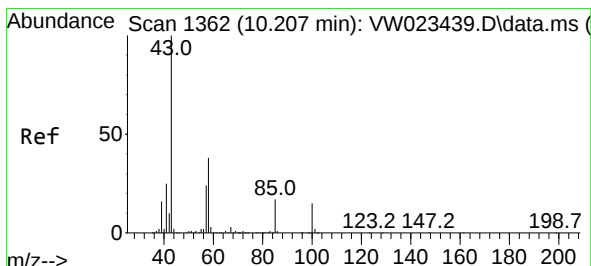
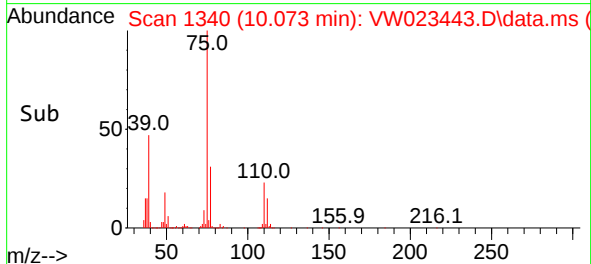
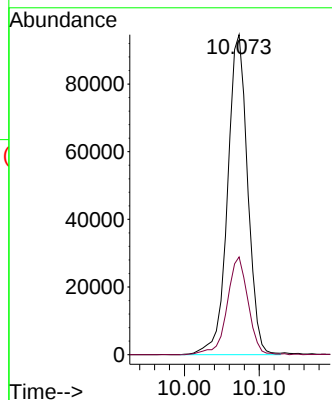
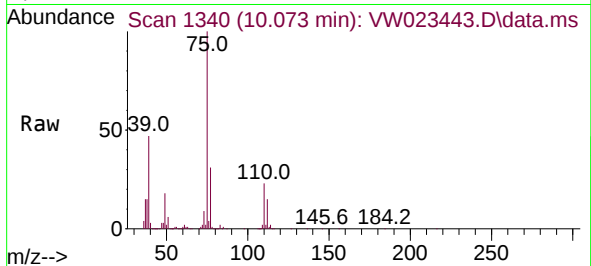
ClientSampleId :

Tgt Ion: 75 Resp: 176402

Ion Ratio Lower Upper

75 100

77 30.6 22.1 41.1



#40

4-Methyl-2-pentanone

Concen: 53.675 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW023443.D

Acq: 10 Jun 2022 13:17

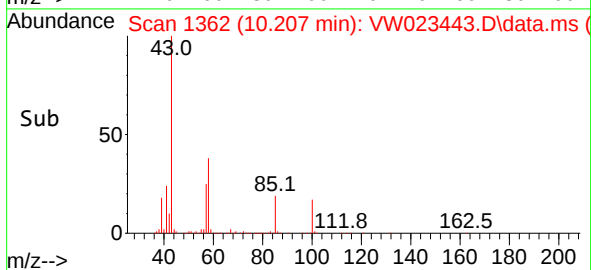
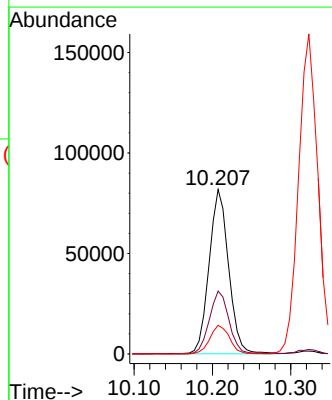
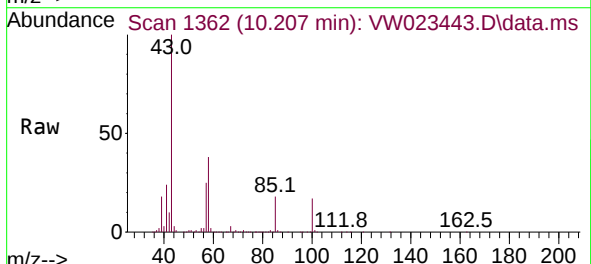
Tgt Ion: 43 Resp: 141292

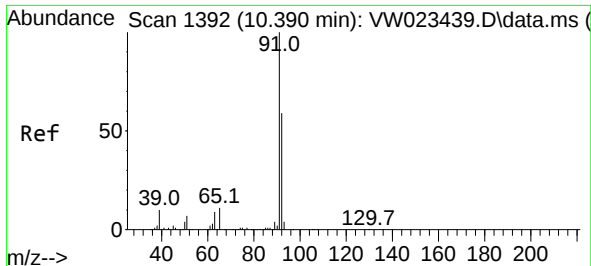
Ion Ratio Lower Upper

43 100

58 38.3 31.4 47.2

100 17.7 14.2 21.4

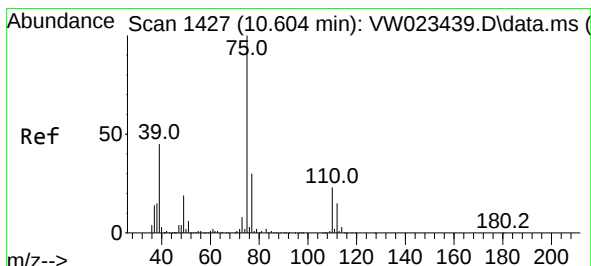
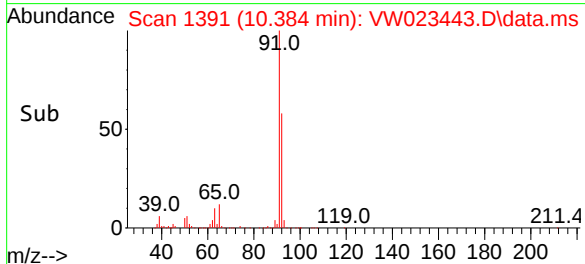
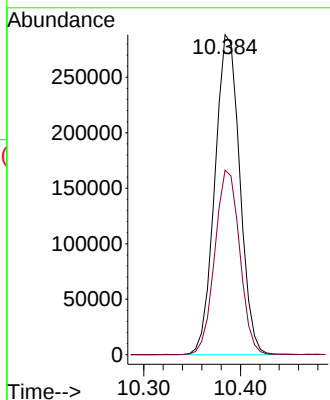
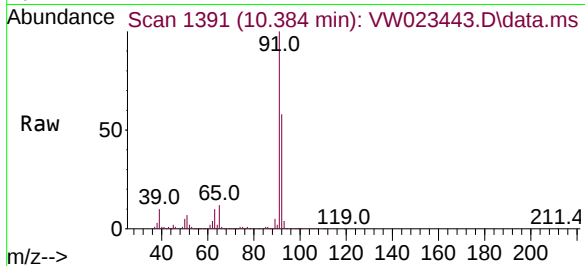




#42
Toluene
Concen: 24.450 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.006 min
Lab File: VW023443.D
Acq: 10 Jun 2022 13:17

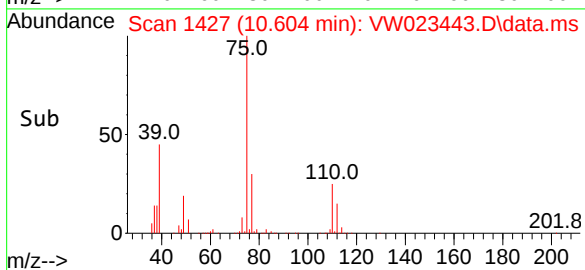
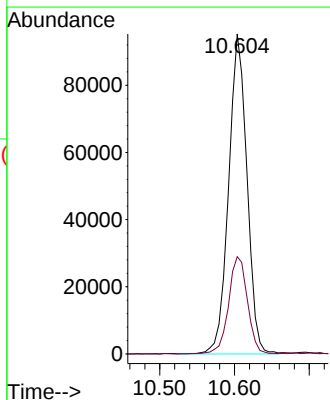
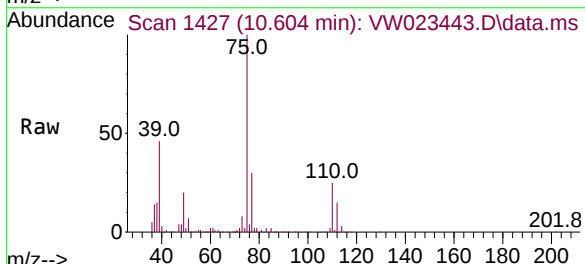
Instrument :
MSVOA_W
ClientSampleId :

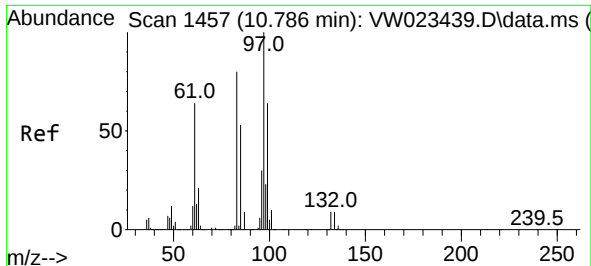
Tgt Ion: 91 Resp: 515893
Ion Ratio Lower Upper
91 100
92 57.7 41.6 77.2



#44
trans-1,3-Dichloropropene
Concen: 25.518 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW023443.D
Acq: 10 Jun 2022 13:17

Tgt Ion: 75 Resp: 162849
Ion Ratio Lower Upper
75 100
77 30.4 22.0 40.8

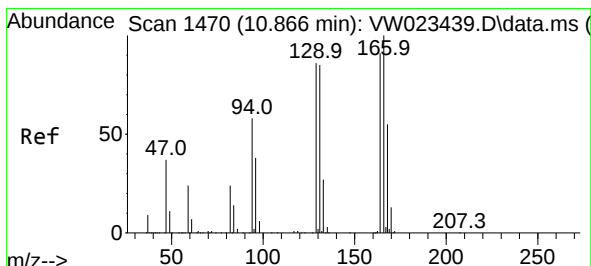
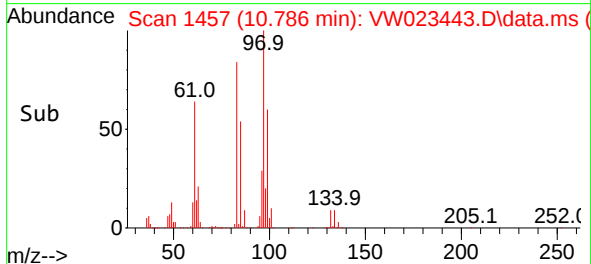
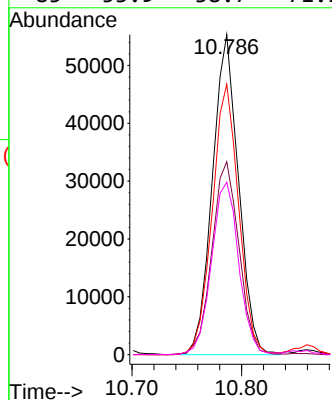
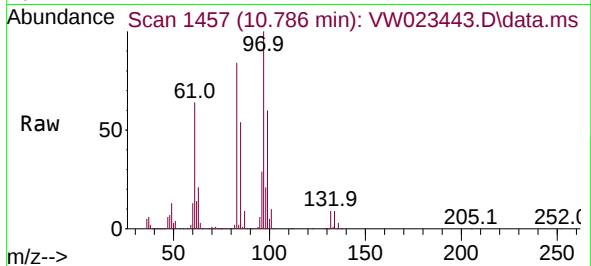




#45
1,1,2-Trichloroethane
Concen: 24.194 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW023443.D
Acq: 10 Jun 2022 13:17

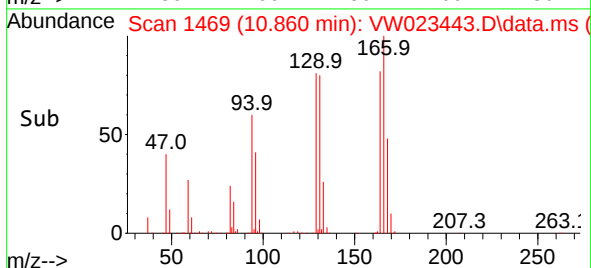
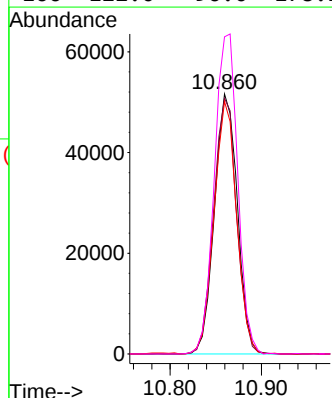
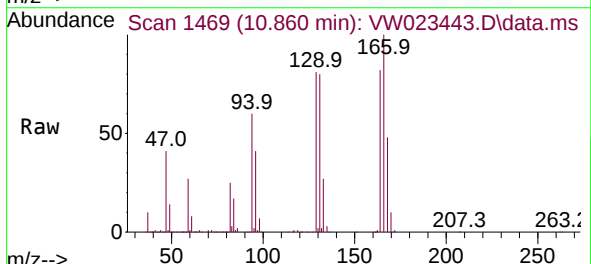
Instrument :
MSVOA_W
ClientSampleId :

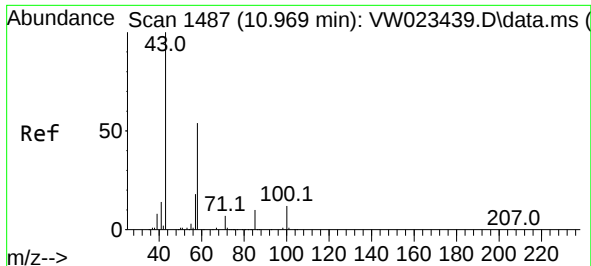
Tgt Ion:	97	Resp:	91721
Ion	Ratio	Lower	Upper
97	100		
99	60.3	44.7	82.9
83	84.5	58.4	108.4
85	53.9	38.7	71.9



#46
Tetrachloroethene
Concen: 23.026 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. -0.006 min
Lab File: VW023443.D
Acq: 10 Jun 2022 13:17

Tgt Ion:	164	Resp:	89981
Ion	Ratio	Lower	Upper
164	100		
129	98.3	76.9	142.7
131	97.1	75.1	139.5
166	122.0	96.0	178.2

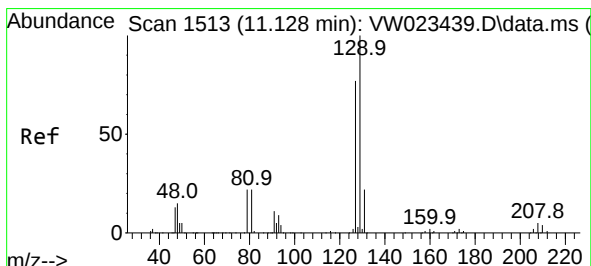
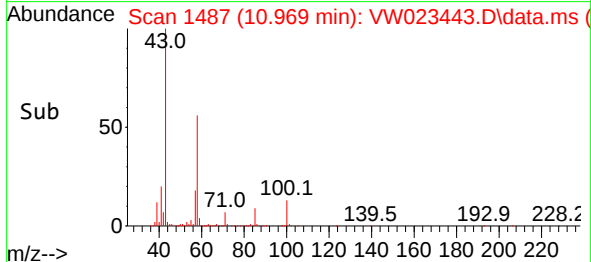
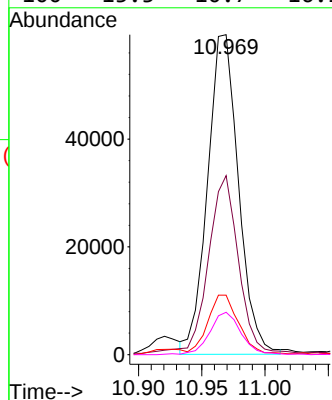
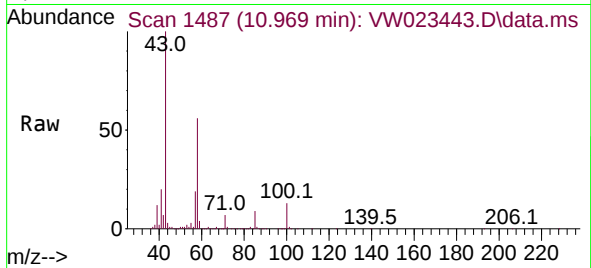




#48
2-Hexanone
Concen: 56.870 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW023443.D
Acq: 10 Jun 2022 13:17

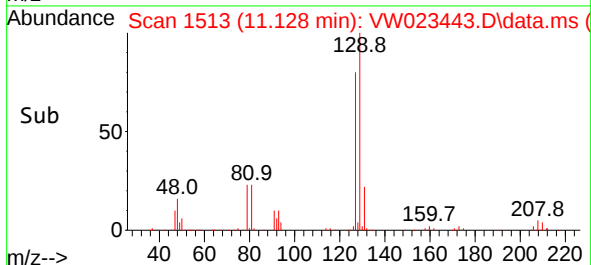
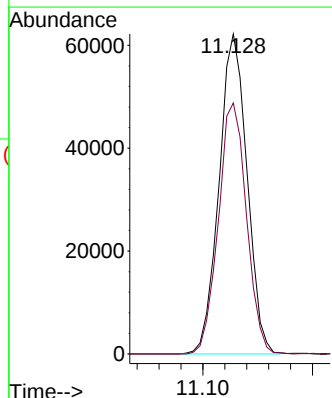
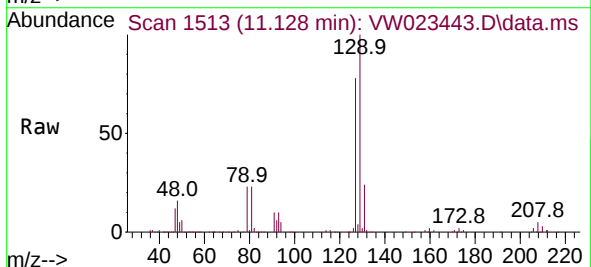
Instrument :
MSVOA_W
ClientSampleId :

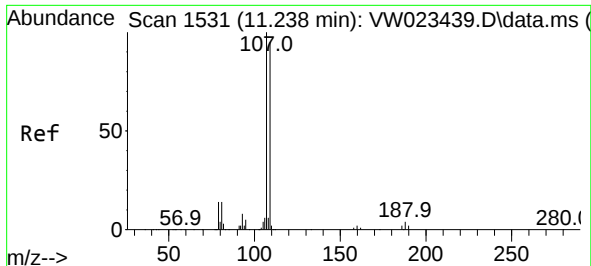
Tgt Ion:	43	Resp:	101171
Ion	Ratio	Lower	Upper
43	100		
58	52.6	45.9	68.9
57	18.4	16.2	24.2
100	13.3	10.7	16.1



#49
Dibromochloromethane
Concen: 24.811 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW023443.D
Acq: 10 Jun 2022 13:17

Tgt Ion:	129	Resp:	110158
Ion	Ratio	Lower	Upper
129	100		
127	78.4	53.8	100.0





#50

1,2-Dibromoethane

Concen: 25.485 ug/L

RT: 11.231 min Scan# 1531

Delta R.T. -0.006 min

Lab File: VW023443.D

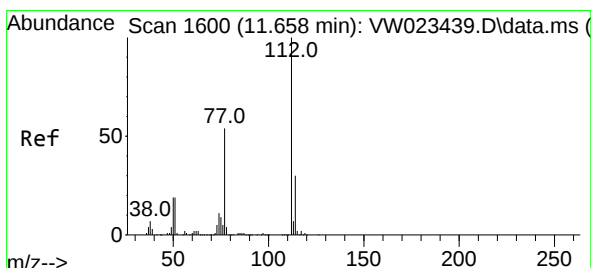
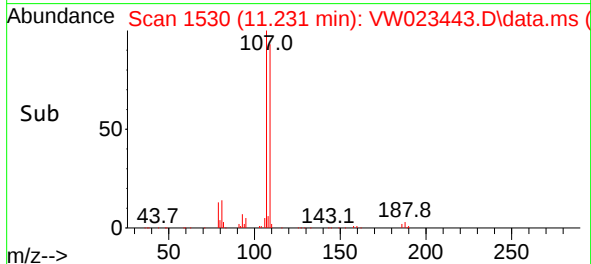
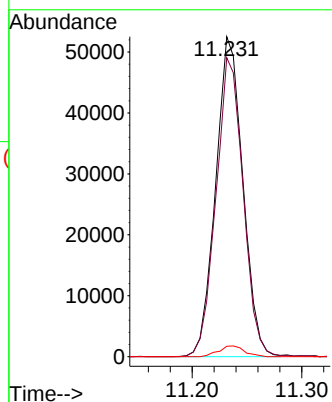
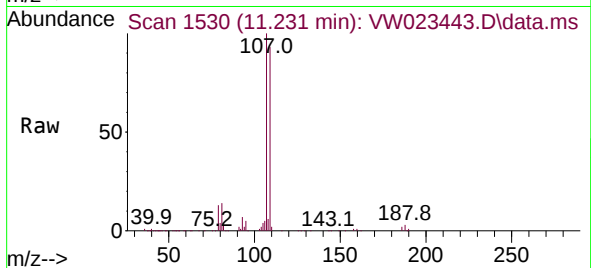
Acq: 10 Jun 2022 13:17

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	107	Resp:	90317
Ion	Ratio	Lower	Upper
107	100		
109	93.5	67.5	125.4
188	3.2	2.9	4.3



#51

Chlorobenzene

Concen: 24.072 ug/L

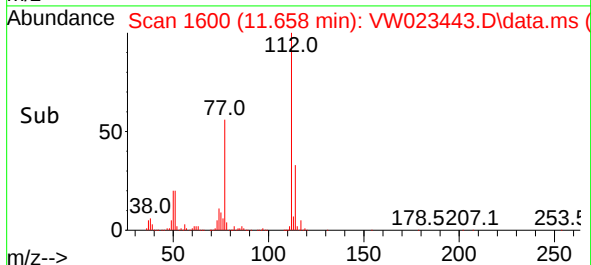
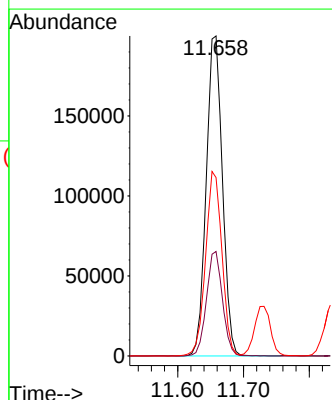
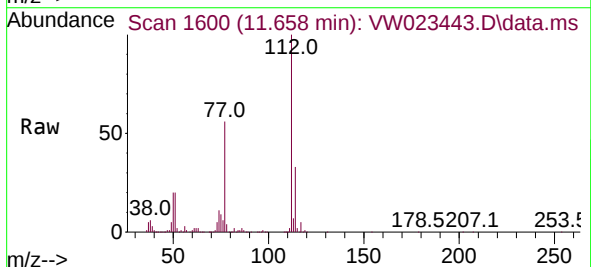
RT: 11.658 min Scan# 1600

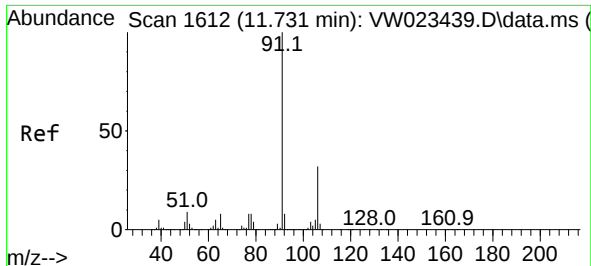
Delta R.T. -0.000 min

Lab File: VW023443.D

Acq: 10 Jun 2022 13:17

Tgt Ion:	112	Resp:	342780
Ion	Ratio	Lower	Upper
112	100		
114	32.7	22.0	41.0
77	55.7	42.6	63.8

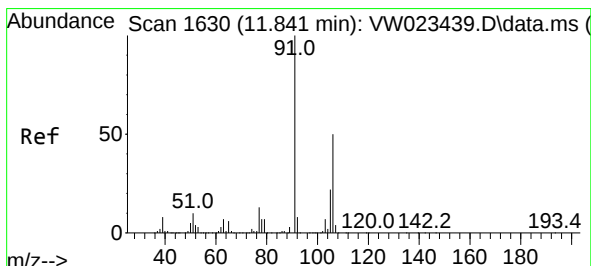
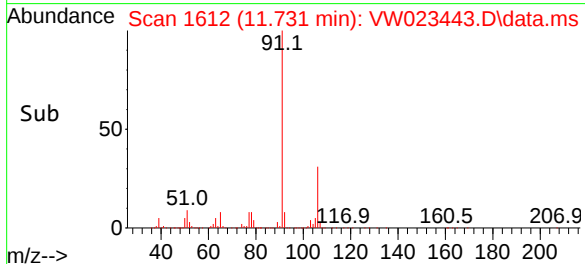
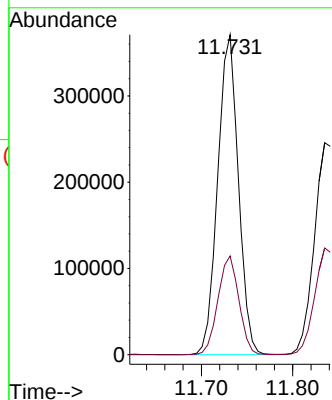
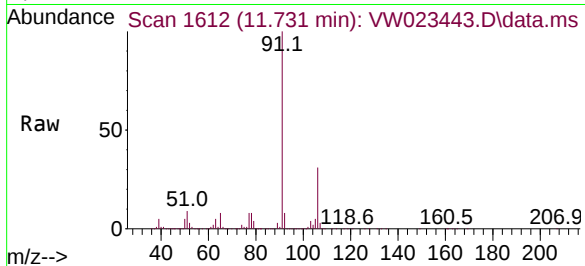




#52
Ethylbenzene
Concen: 24.321 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW023443.D
Acq: 10 Jun 2022 13:17

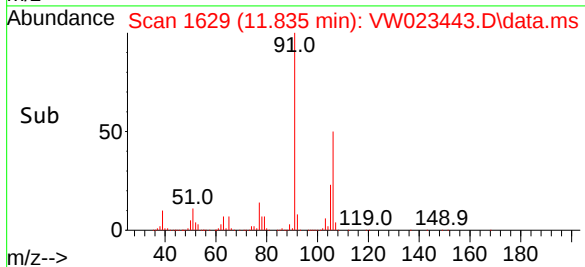
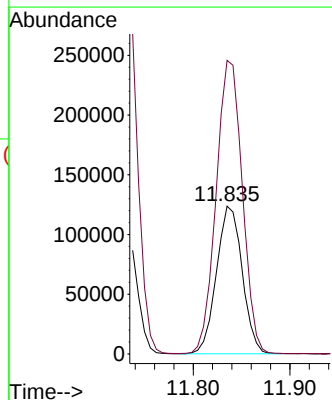
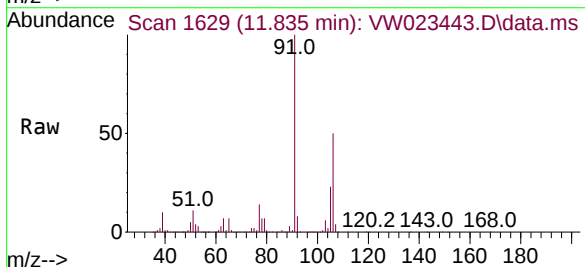
Instrument :
MSVOA_W
ClientSampleId :

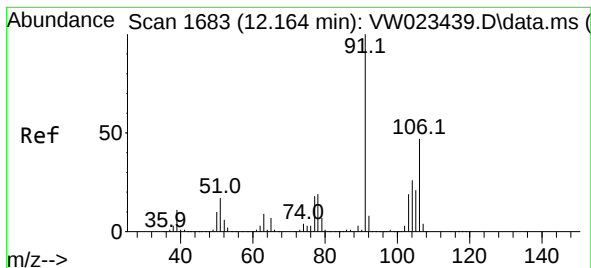
Tgt Ion: 91 Resp: 583239
Ion Ratio Lower Upper
91 100
106 30.9 22.3 41.3



#53
m,p-Xylene
Concen: 24.444 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VW023443.D
Acq: 10 Jun 2022 13:17

Tgt Ion: 106 Resp: 228147
Ion Ratio Lower Upper
106 100
91 198.6 136.8 254.0





#54

o-Xylene

Concen: 24.978 ug/L

RT: 12.164 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW023443.D

Acq: 10 Jun 2022 13:17

Instrument :

MSVOA_W

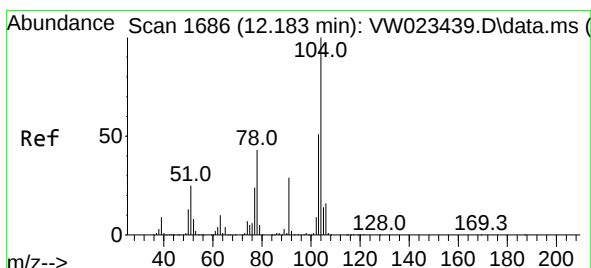
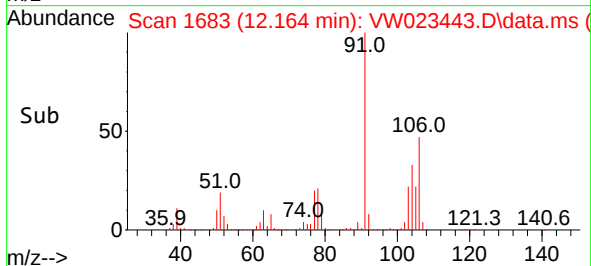
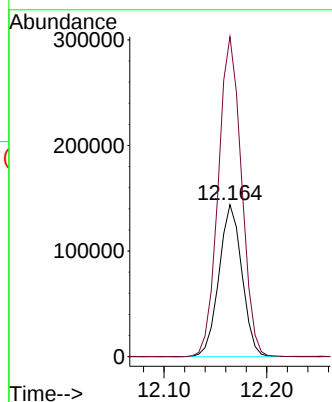
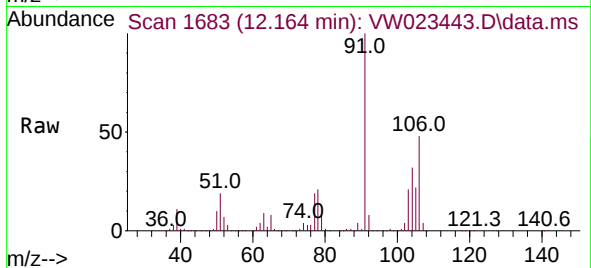
ClientSampleId :

Tgt Ion:106 Resp: 222781

Ion Ratio Lower Upper

106 100

91 210.4 147.2 273.4



#55

Styrene

Concen: 25.393 ug/L

RT: 12.176 min Scan# 1685

Delta R.T. -0.006 min

Lab File: VW023443.D

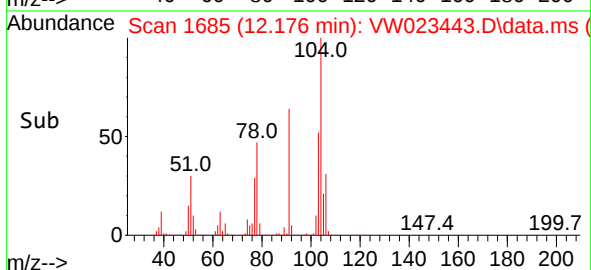
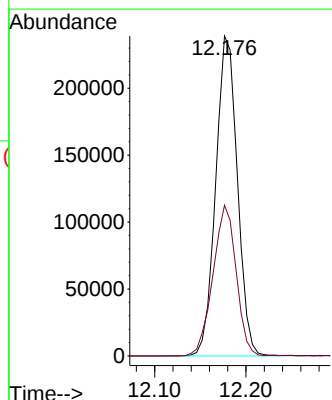
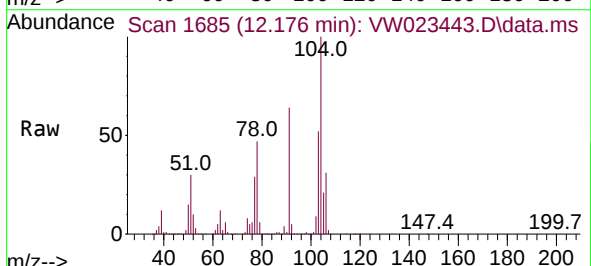
Acq: 10 Jun 2022 13:17

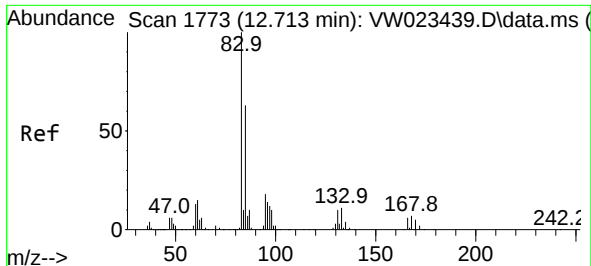
Tgt Ion:104 Resp: 393794

Ion Ratio Lower Upper

104 100

78 47.1 32.3 59.9





#57

1,1,2,2-Tetrachloroethane

Concen: 26.260 ug/L

RT: 12.713 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VW023443.D

Acq: 10 Jun 2022 13:17

Instrument :

MSVOA_W

ClientSampleId :

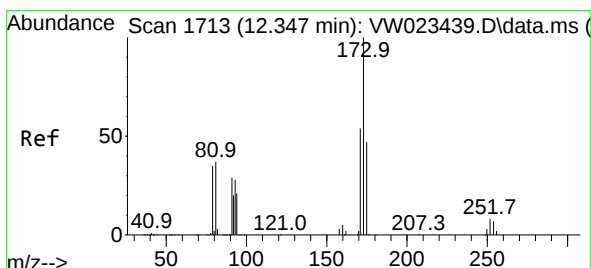
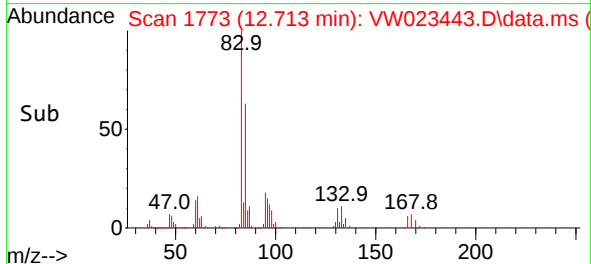
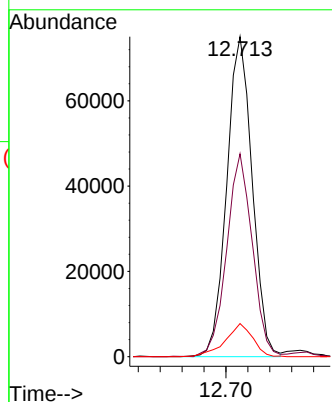
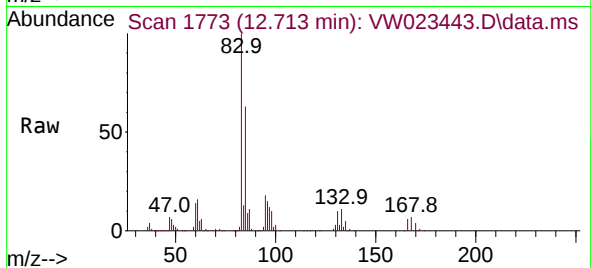
Tgt Ion: 83 Resp: 120898

Ion Ratio Lower Upper

83 100

85 63.4 47.5 88.1

131 10.3 8.7 13.1



#59

Bromoform

Concen: 25.196 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. -0.000 min

Lab File: VW023443.D

Acq: 10 Jun 2022 13:17

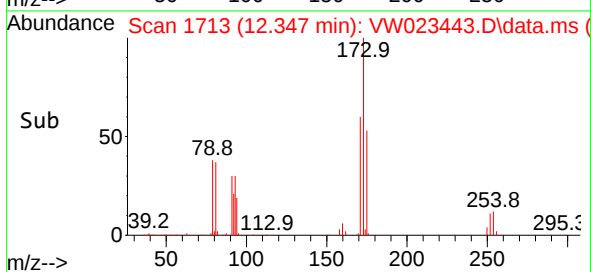
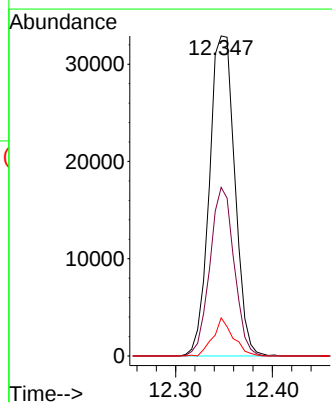
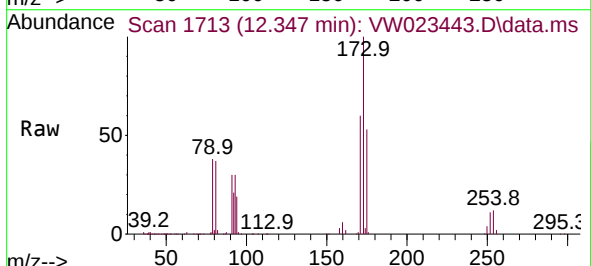
Tgt Ion: 173 Resp: 60157

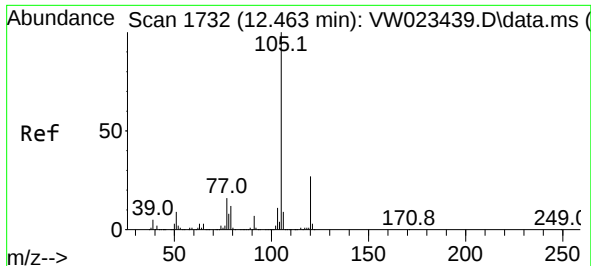
Ion Ratio Lower Upper

173 100

175 50.2 38.1 57.1

254 9.3 6.5 9.7

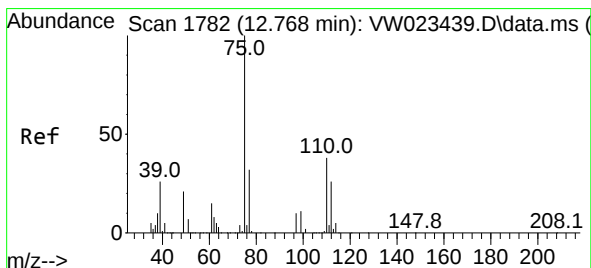
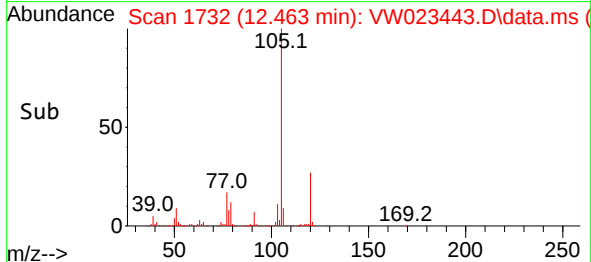
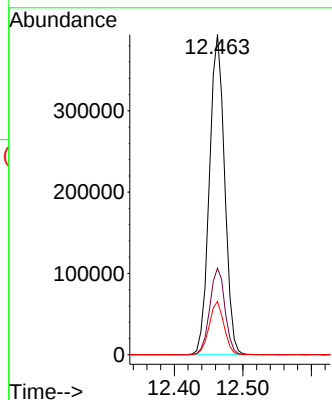
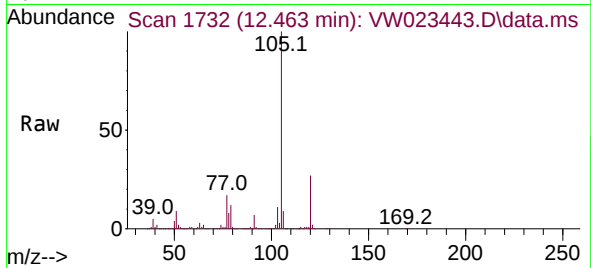




#60
Isopropylbenzene
Concen: 25.302 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW023443.D
Acq: 10 Jun 2022 13:17

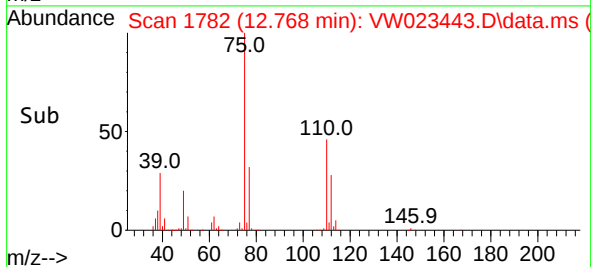
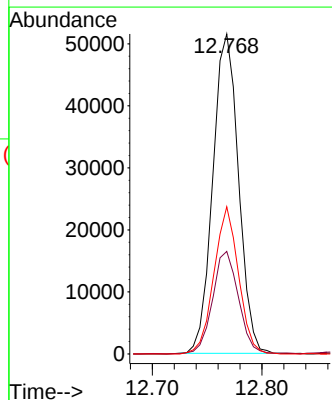
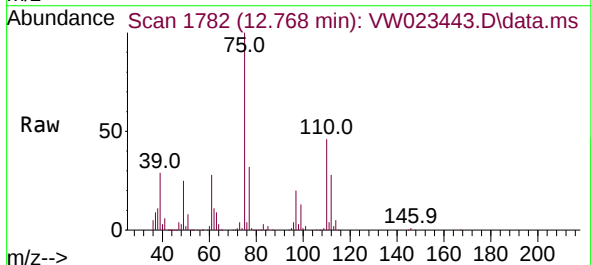
Instrument :
MSVOA_W
ClientSampleId :

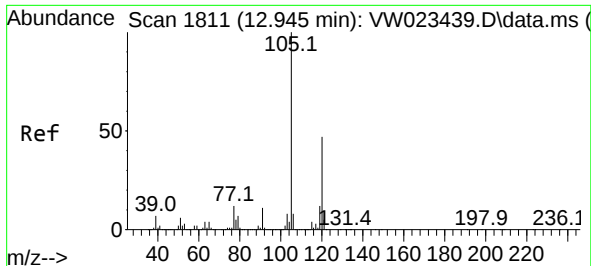
Tgt Ion:105 Resp: 608333
Ion Ratio Lower Upper
105 100
120 26.9 21.3 31.9
77 16.2 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 26.204 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW023443.D
Acq: 10 Jun 2022 13:17

Tgt Ion: 75 Resp: 83747
Ion Ratio Lower Upper
75 100
77 32.4 26.2 39.2
110 44.1 34.1 51.1





#62

1,3,5-Trimethylbenzene

Concen: 26.026 ug/L

RT: 12.938 min Scan# 1810

Delta R.T. -0.006 min

Lab File: VW023443.D

Acq: 10 Jun 2022 13:17

Instrument :

MSVOA_W

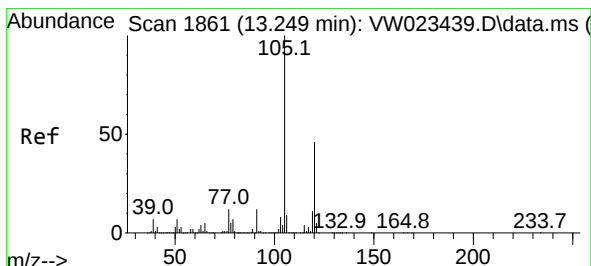
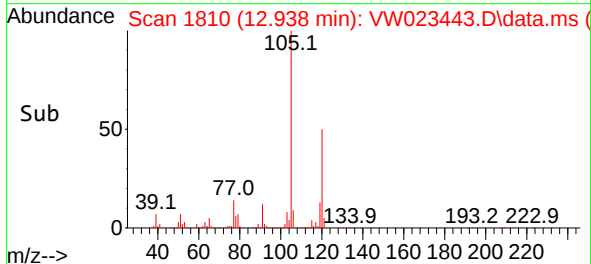
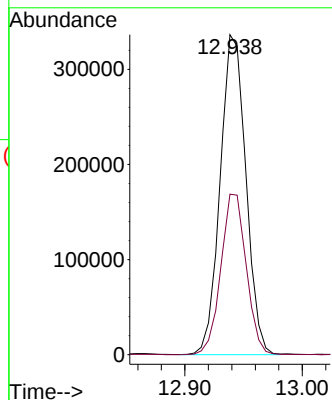
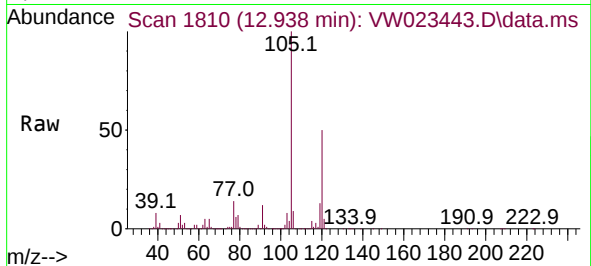
ClientSampleId :

Tgt Ion:105 Resp: 511759

Ion Ratio Lower Upper

105 100

120 49.6 38.9 58.3



#63

1,2,4-Trimethylbenzene

Concen: 25.625 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. -0.000 min

Lab File: VW023443.D

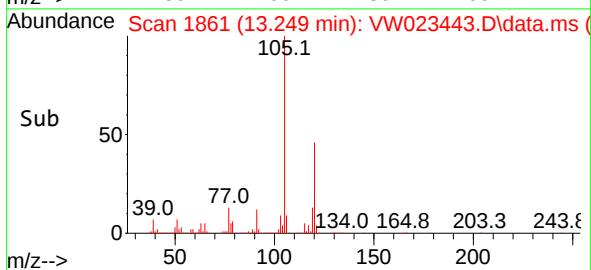
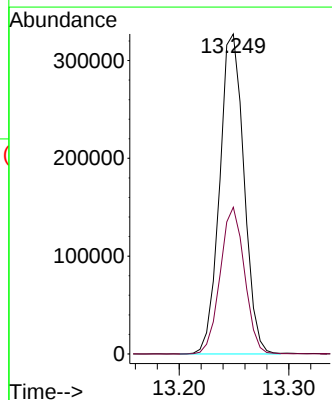
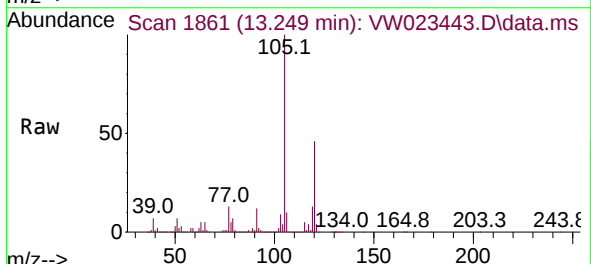
Acq: 10 Jun 2022 13:17

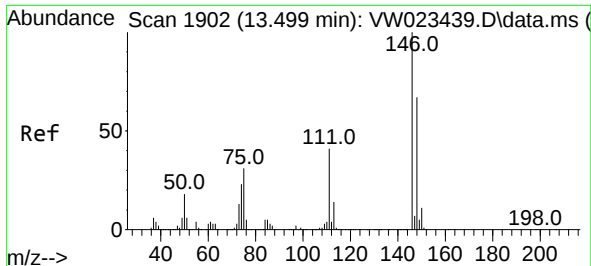
Tgt Ion:105 Resp: 504246

Ion Ratio Lower Upper

105 100

120 45.8 37.4 56.2

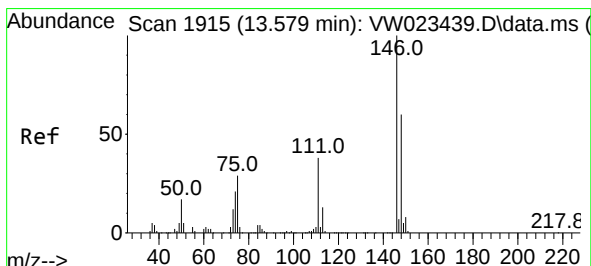
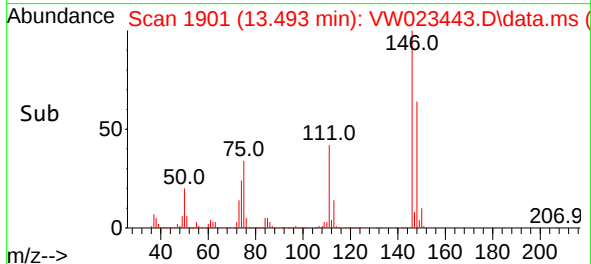
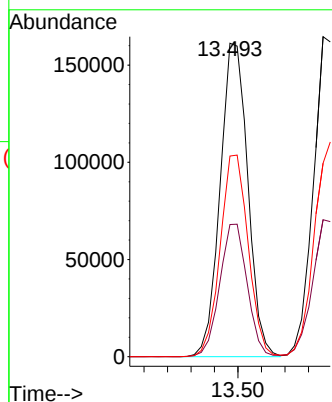
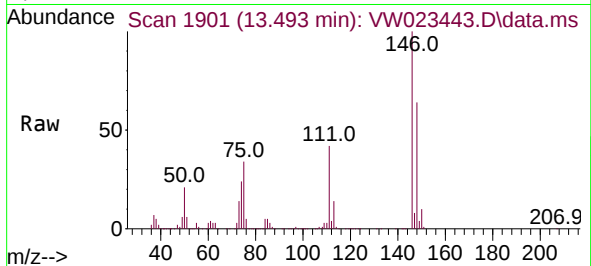




#64
1,3-Dichlorobenzene
Concen: 24.735 ug/L
RT: 13.493 min Scan# 1901
Delta R.T. -0.006 min
Lab File: VW023443.D
Acq: 10 Jun 2022 13:17

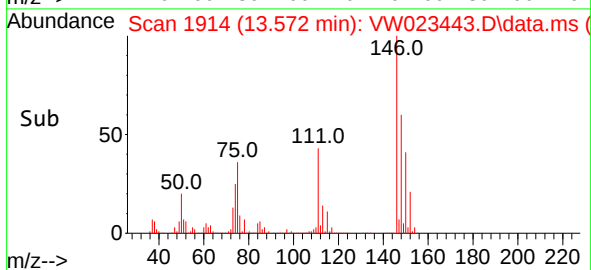
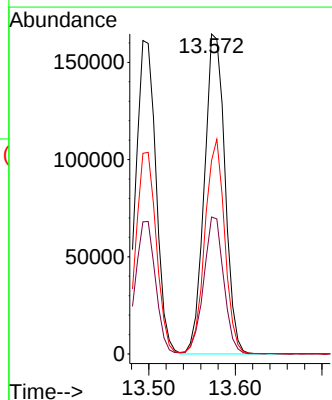
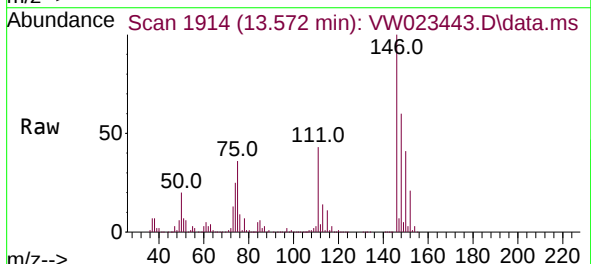
Instrument :
MSVOA_W
ClientSampleId :

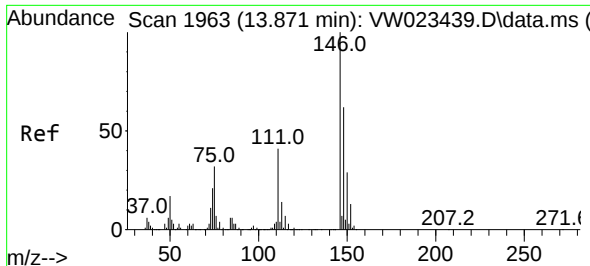
Tgt Ion:146 Resp: 263821
Ion Ratio Lower Upper
146 100
111 42.1 29.5 54.9
148 64.0 48.6 90.2



#65
1,4-Dichlorobenzene
Concen: 24.972 ug/L
RT: 13.572 min Scan# 1914
Delta R.T. -0.006 min
Lab File: VW023443.D
Acq: 10 Jun 2022 13:17

Tgt Ion:146 Resp: 271973
Ion Ratio Lower Upper
146 100
111 42.8 27.2 50.4
148 60.4 44.0 81.6





#67

1,2-Dichlorobenzene

Concen: 25.896 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.006 min

Lab File: VW023443.D

Acq: 10 Jun 2022 13:17

Instrument :

MSVOA_W

ClientSampleId :

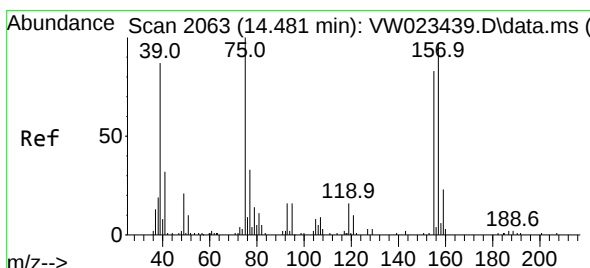
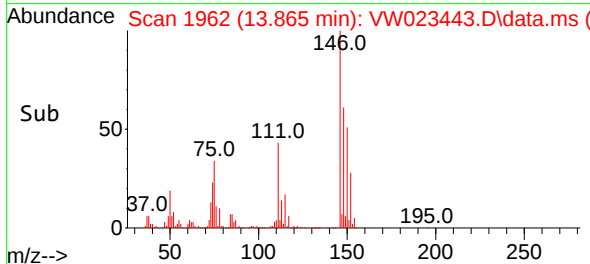
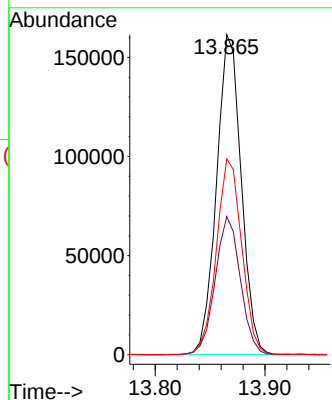
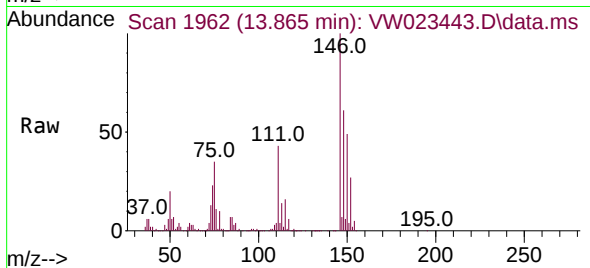
Tgt Ion:146 Resp: 252989

Ion Ratio Lower Upper

146 100

111 43.1 35.7 53.5

148 61.2 52.6 79.0



#68

1,2-Dibromo-3-chloropropane

Concen: 26.944 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW023443.D

Acq: 10 Jun 2022 13:17

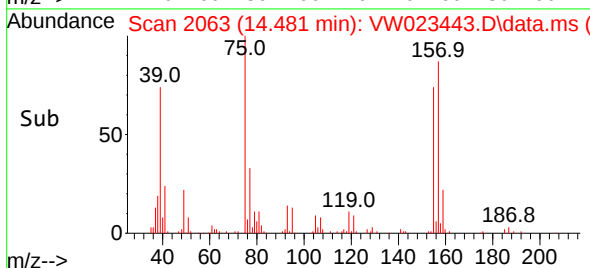
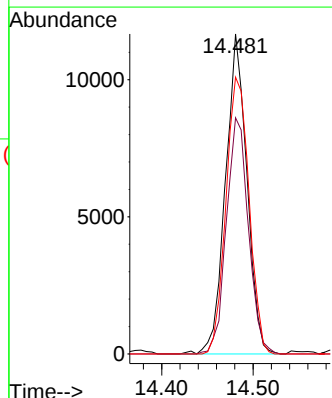
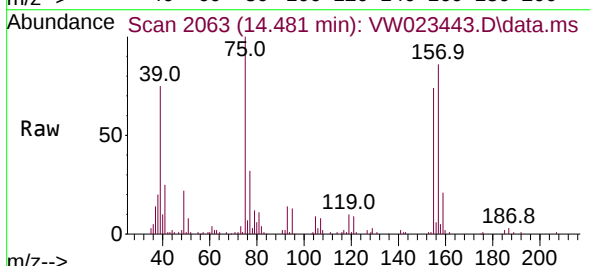
Tgt Ion: 75 Resp: 19015

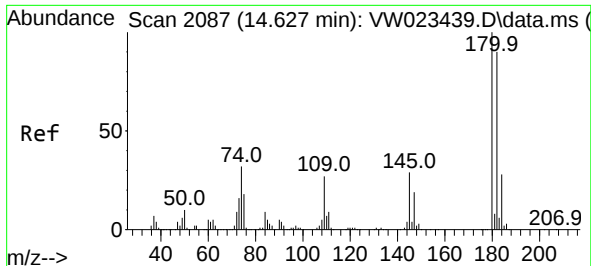
Ion Ratio Lower Upper

75 100

155 73.8 59.3 88.9

157 86.5 89.8 134.8#





#69

1,3,5-Trichlorobenzene

Concen: 24.445 ug/L

RT: 14.627 min Scan# 2087

Delta R.T. -0.000 min

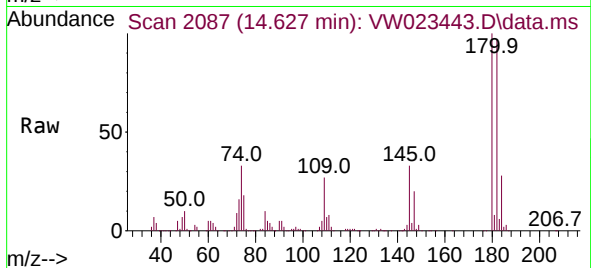
Lab File: VW023443.D

Acq: 10 Jun 2022 13:17

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 170371

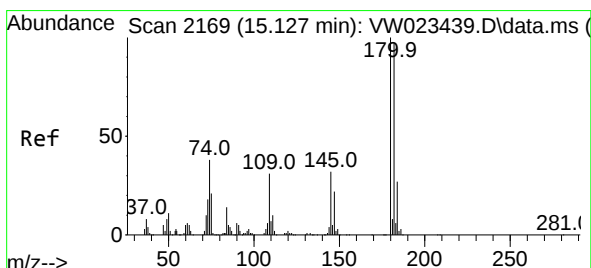
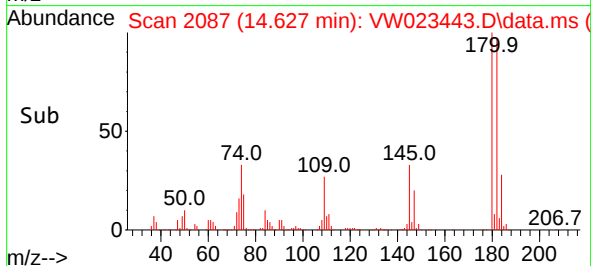
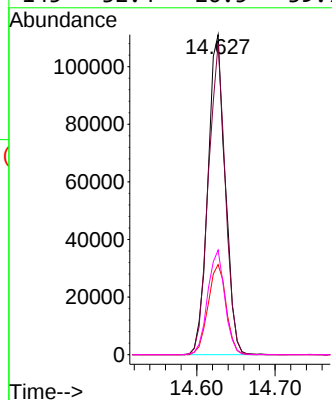
Ion Ratio Lower Upper

180 100

182 95.4 74.8 112.2

184 29.4 23.4 35.2

145 32.4 26.5 39.7



#70

1,2,4-trichlorobenzene

Concen: 25.900 ug/L

RT: 15.133 min Scan# 2170

Delta R.T. 0.006 min

Lab File: VW023443.D

Acq: 10 Jun 2022 13:17

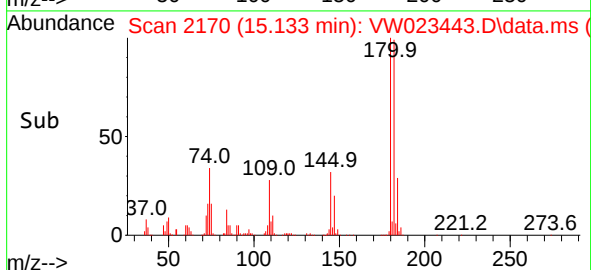
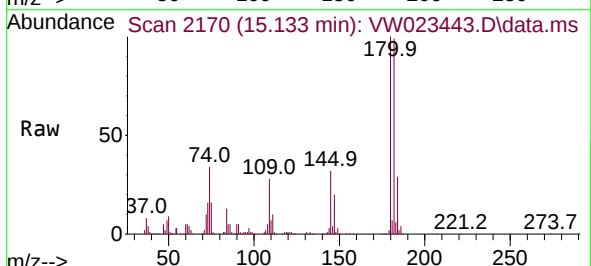
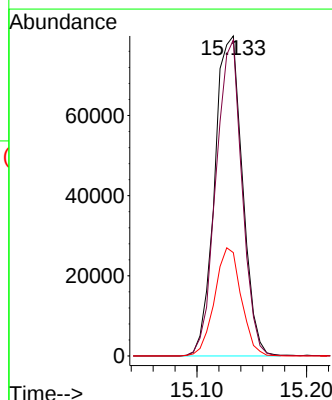
Tgt Ion:180 Resp: 140556

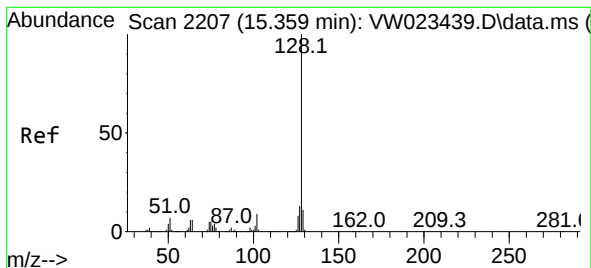
Ion Ratio Lower Upper

180 100

182 92.4 74.9 112.3

145 32.4 26.6 39.8





#71

Naphthalene

Concen: 27.997 ug/L

RT: 15.365 min Scan# 2207

Delta R.T. 0.006 min

Lab File: VW023443.D

Acq: 10 Jun 2022 13:17

Instrument :

MSVOA_W

ClientSampleId :

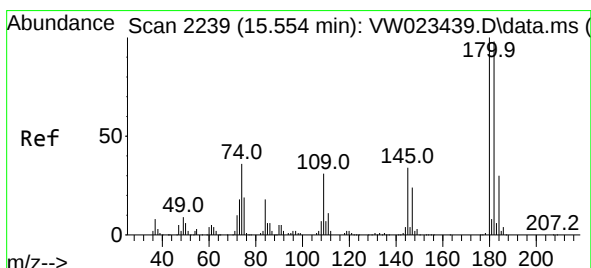
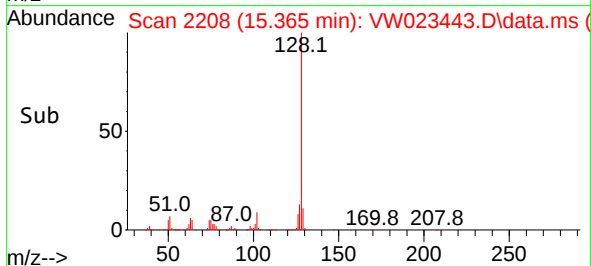
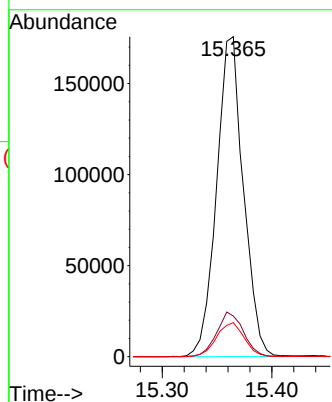
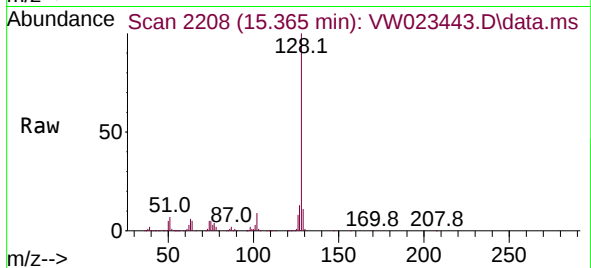
Tgt Ion:128 Resp: 298887

Ion Ratio Lower Upper

128 100

127 13.9 10.6 16.0

129 11.0 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 26.176 ug/L

RT: 15.548 min Scan# 2238

Delta R.T. -0.006 min

Lab File: VW023443.D

Acq: 10 Jun 2022 13:17

Tgt Ion:180 Resp: 123497

Ion Ratio Lower Upper

180 100

182 97.7 73.5 110.3

145 35.4 27.9 41.9

