

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
 Data File : VW024157.D
 Acq On : 04 Aug 2022 10:10
 Operator : SY/VA
 Sample : VSTD02509
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025409

Quant Time: Aug 05 00:26:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Aug 05 00:24:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	302709	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	295756	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	171257	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	167851	26.528	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.120%
7) Chloroethane-d5	2.873	69	104134	26.419	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	105.680%
11) 1,1-Dichloroethene-d2	4.013	63	177799	24.657	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	98.640%
21) 2-Butanone-d5	7.080	46	57873	45.110	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.220%
24) Chloroform-d	7.647	84	229745	25.083	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.320%
26) 1,2-Dichloroethane-d4	8.305	65	124998	24.581	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.320%
32) Benzene-d6	8.269	84	438164	25.120	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.480%
36) 1,2-Dichloropropane-d6	9.275	67	129128	25.074	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.280%
41) Toluene-d8	10.323	98	426313	26.149	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	104.600%
43) trans-1,3-Dichloroprop...	10.573	79	57427	25.459	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	101.840%
47) 2-Hexanone-d5	10.927	63	50311	52.906	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.820%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	123378	24.693	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.760%
66) 1,2-Dichlorobenzene-d4	13.853	152	151293	24.141	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.560%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.001	85	62398	23.430	ug/L	100
3) Chloromethane	2.209	50	117122	23.449	ug/L	100
5) Vinyl chloride	2.349	62	166470	23.943	ug/L	100
6) Bromomethane	2.764	94	96375	24.175	ug/L	100
8) Chloroethane	2.910	64	73129	24.011	ug/L	100
9) Trichlorofluoromethane	3.245	101	74046	22.466	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.050	101	105578	23.741	ug/L	100
12) 1,1-Dichloroethene	4.032	96	87793	24.124	ug/L	100
13) Acetone	4.117	43	35995	41.080	ug/L	100
14) Carbon disulfide	4.379	76	279479	23.999	ug/L	100
15) Methyl Acetate	4.666	43	45634	24.246	ug/L	100
16) Methylene chloride	4.909	84	105645	19.791	ug/L	100
17) trans-1,2-Dichloroethene	5.415	96	99678	23.649	ug/L	100
18) Methyl tert-butyl Ether	5.422	73	149038	24.870	ug/L	100
19) 1,1-Dichloroethane	6.214	63	179172	24.202	ug/L	100
20) cis-1,2-Dichloroethene	7.165	96	111181	24.054	ug/L	100
22) 2-Butanone	7.171	43	61592	41.168	ug/L	100
23) Bromochloromethane	7.507	128	54491	23.707	ug/L	100
25) Chloroform	7.671	83	195857	24.009	ug/L	100

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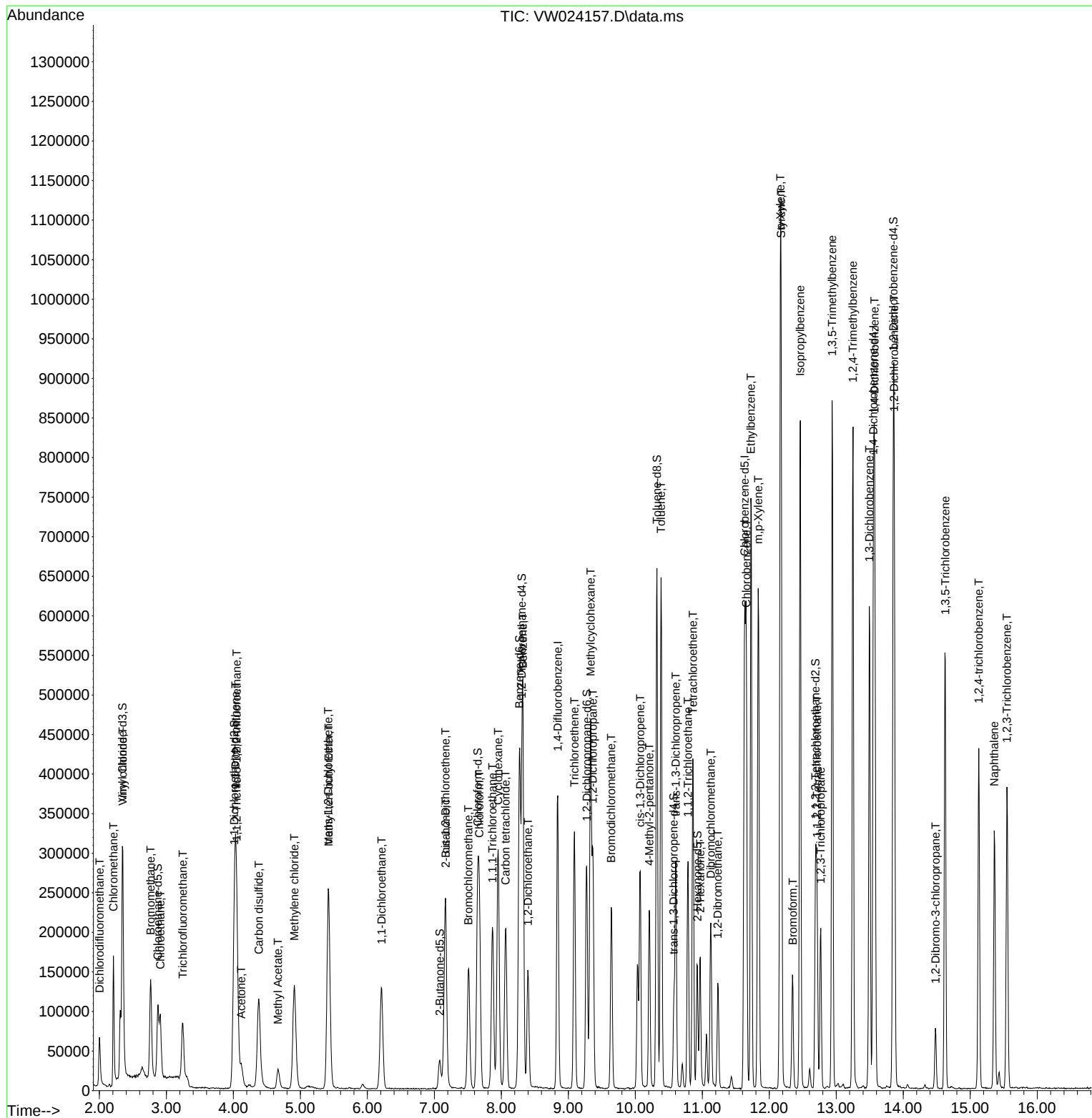
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	134109	24.431	ug/L	100
29) Cyclohexane	7.952	56	151654	25.011	ug/L	100
30) 1,1,1-Trichloroethane	7.866	97	161473	24.210	ug/L	100
31) Carbon tetrachloride	8.061	117	149670	23.786	ug/L	100
33) Benzene	8.323	78	422573	24.191	ug/L	100
34) Trichloroethene	9.092	95	109276	23.668	ug/L	100
35) Methylcyclohexane	9.335	83	180414	24.918	ug/L	100
37) 1,2-Dichloropropane	9.366	63	104617	24.228	ug/L	100
38) Bromodichloromethane	9.640	83	147667	24.383	ug/L	100
39) cis-1,3-Dichloropropene	10.073	75	157492	24.792	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	141164	49.259	ug/L	100
42) Toluene	10.384	91	462183	24.899	ug/L	100
44) trans-1,3-Dichloropropene	10.604	75	145903	25.136	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	87126	23.939	ug/L	100
46) Tetrachloroethene	10.860	164	88059	23.559	ug/L	100
48) 2-Hexanone	10.969	43	100761	51.809	ug/L	100
49) Dibromochloromethane	11.128	129	107985	24.646	ug/L	100
50) 1,2-Dibromoethane	11.232	107	85247	24.447	ug/L	100
51) Chlorobenzene	11.658	112	305821	24.114	ug/L	100
52) Ethylbenzene	11.725	91	511389	25.146	ug/L	100
53) m,p-Xylene	11.835	106	200067	25.273	ug/L	100
54) o-Xylene	12.164	106	189338	25.316	ug/L	100
55) Styrene	12.176	104	342535	26.334	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	110145	24.216	ug/L	100
59) Bromoform	12.353	173	62166	23.798	ug/L	100
60) Isopropylbenzene	12.463	105	514826	24.833	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	78464	23.022	ug/L	100
62) 1,3,5-Trimethylbenzene	12.939	105	436031	25.451	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	427833	25.356	ug/L	100
64) 1,3-Dichlorobenzene	13.493	146	241422	23.781	ug/L	100
65) 1,4-Dichlorobenzene	13.573	146	258304	24.028	ug/L	100
67) 1,2-Dichlorobenzene	13.865	146	234479	24.323	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.481	75	17540	22.027	ug/L	100
69) 1,3,5-Trichlorobenzene	14.627	180	161199	24.215	ug/L	100
70) 1,2,4-trichlorobenzene	15.127	180	128393	24.084	ug/L	100
71) Naphthalene	15.359	128	268801	25.886	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	118553	24.426	ug/L	100

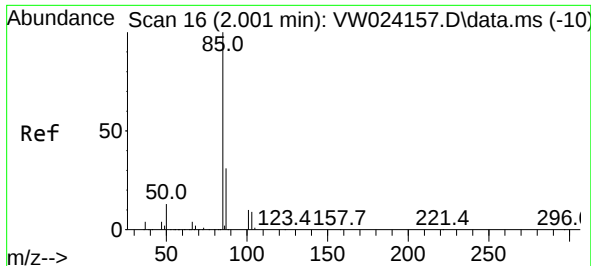
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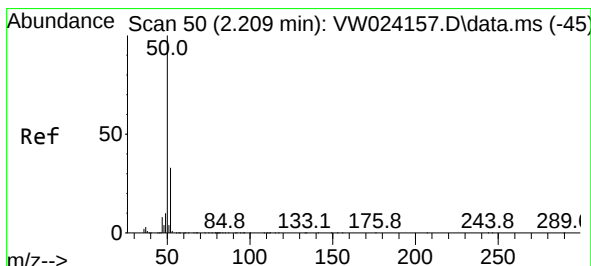
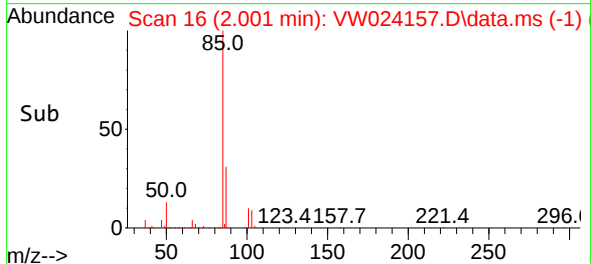
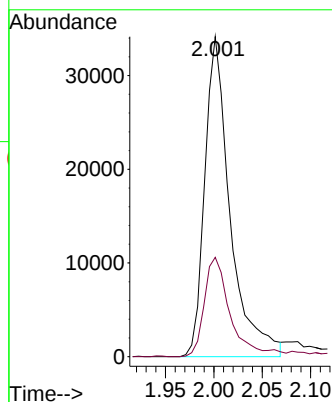
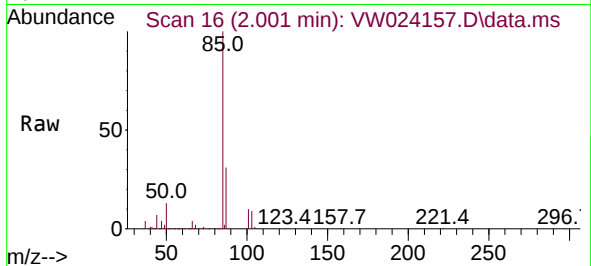




#2
 Dichlorodifluoromethane
 Concen: 23.430 ug/L
 RT: 2.001 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VW024157.D
 Acq: 04 Aug 2022 10:10

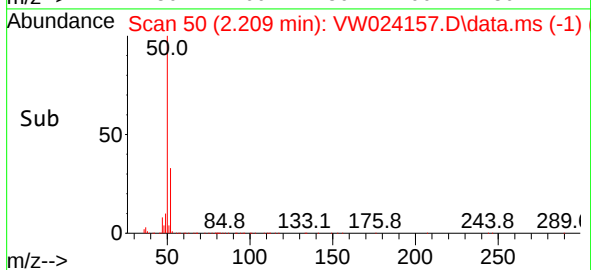
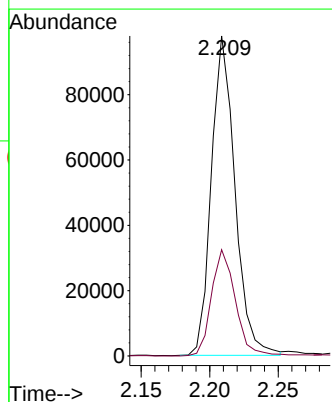
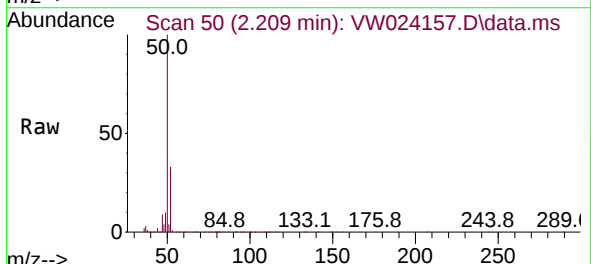
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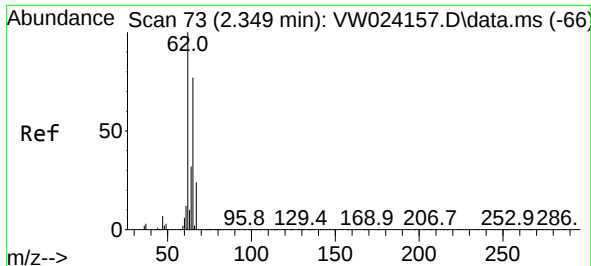
Tgt Ion: 85 Resp: 62398
 Ion Ratio Lower Upper
 85 100
 87 30.6 24.5 36.7



#3
 Chloromethane
 Concen: 23.449 ug/L
 RT: 2.209 min Scan# 50
 Delta R.T. 0.000 min
 Lab File: VW024157.D
 Acq: 04 Aug 2022 10:10

Tgt Ion: 50 Resp: 117122
 Ion Ratio Lower Upper
 50 100
 52 33.2 23.2 43.2

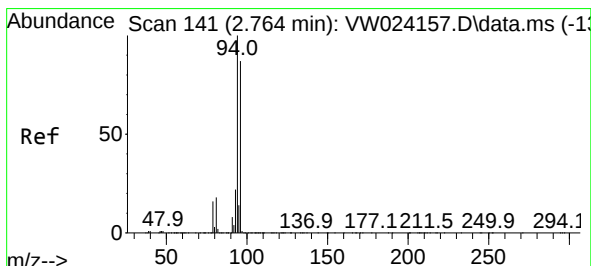
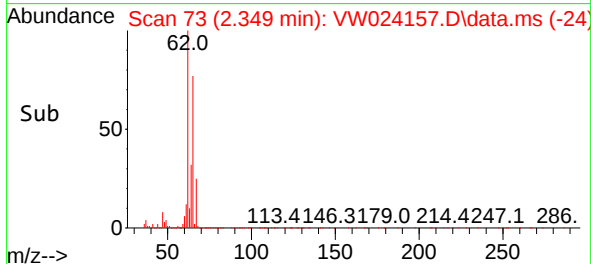
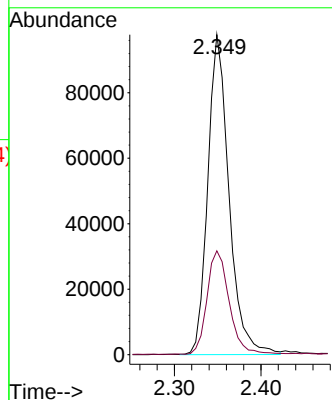
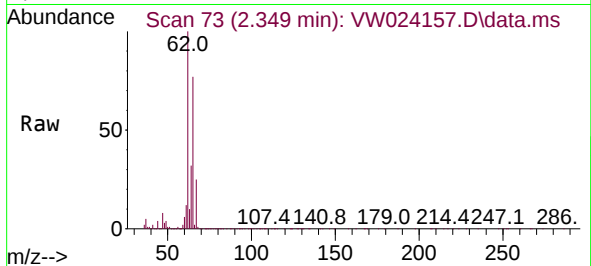




#5
 Vinyl chloride
 Concen: 23.943 ug/L
 RT: 2.349 min Scan# 73
 Delta R.T. 0.000 min
 Lab File: VW024157.D
 Acq: 04 Aug 2022 10:10

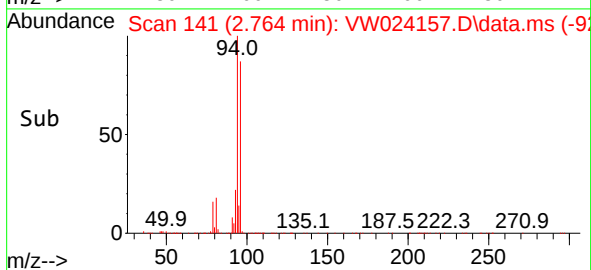
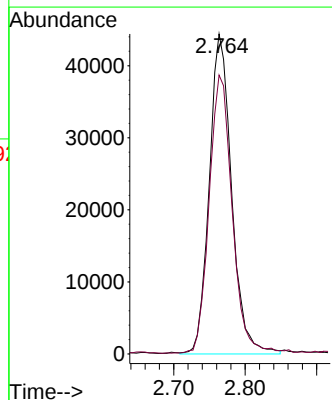
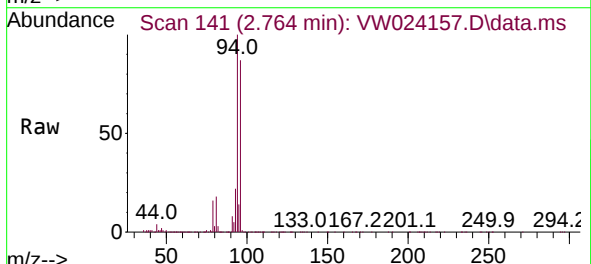
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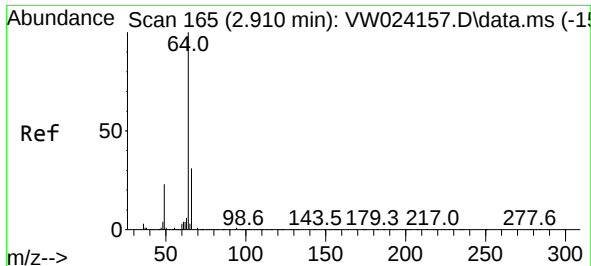
Tgt Ion: 62 Resp: 166470
 Ion Ratio Lower Upper
 62 100
 64 32.5 22.7 42.3



#6
 Bromomethane
 Concen: 24.175 ug/L
 RT: 2.764 min Scan# 141
 Delta R.T. 0.000 min
 Lab File: VW024157.D
 Acq: 04 Aug 2022 10:10

Tgt Ion: 94 Resp: 96375
 Ion Ratio Lower Upper
 94 100
 96 87.2 61.0 113.4

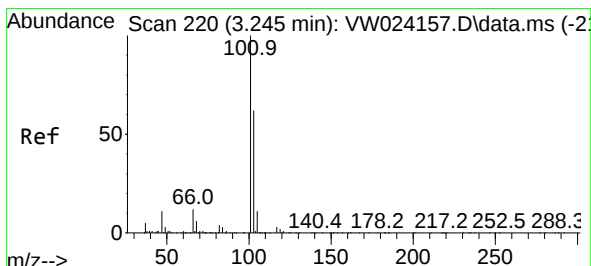
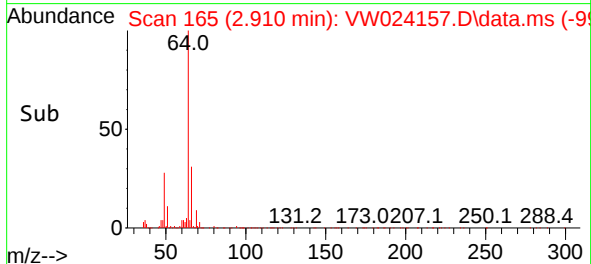
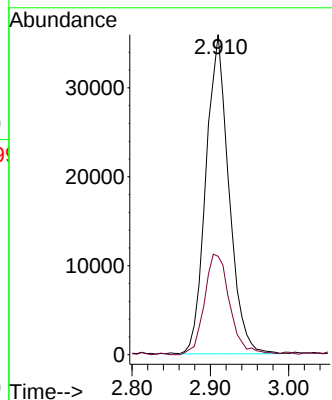
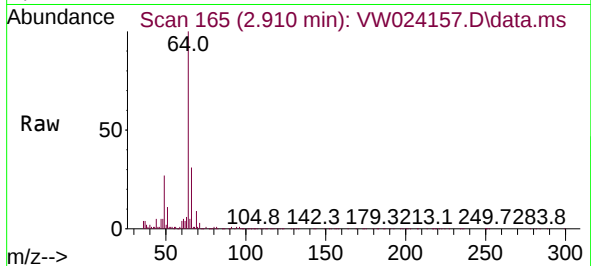




#8
Chloroethane
Concen: 24.011 ug/L
RT: 2.910 min Scan# 165
Delta R.T. 0.000 min
Lab File: VW024157.D
Acq: 04 Aug 2022 10:10

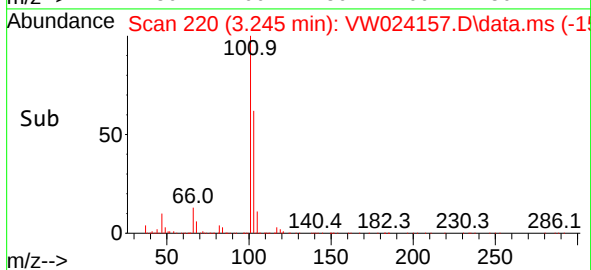
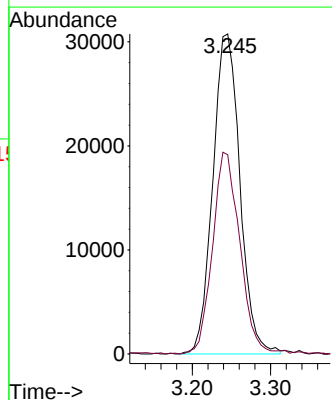
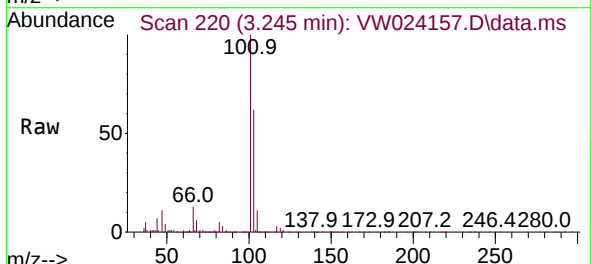
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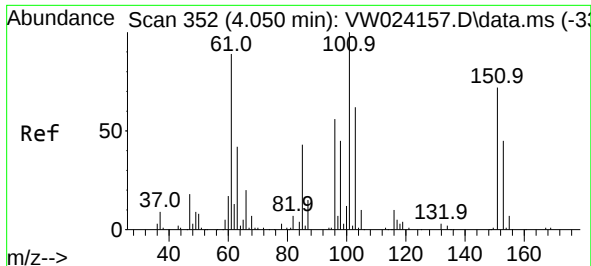
Tgt Ion: 64 Resp: 73129
Ion Ratio Lower Upper
64 100
66 30.8 21.6 40.0



#9
Trichlorofluoromethane
Concen: 22.466 ug/L
RT: 3.245 min Scan# 220
Delta R.T. 0.000 min
Lab File: VW024157.D
Acq: 04 Aug 2022 10:10

Tgt Ion: 101 Resp: 74046
Ion Ratio Lower Upper
101 100
103 63.1 50.5 75.7

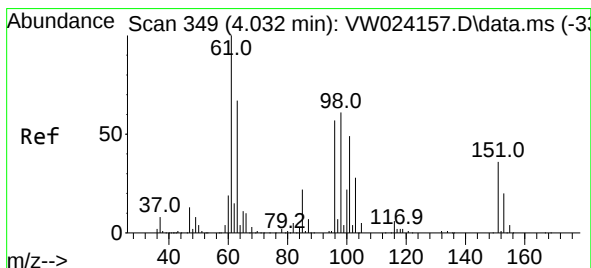
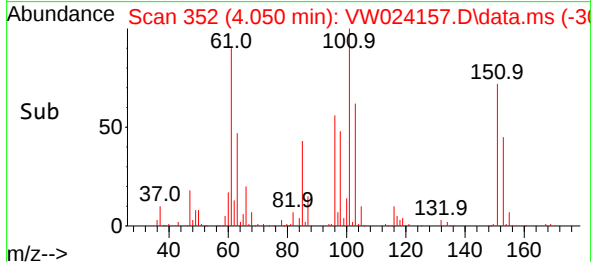
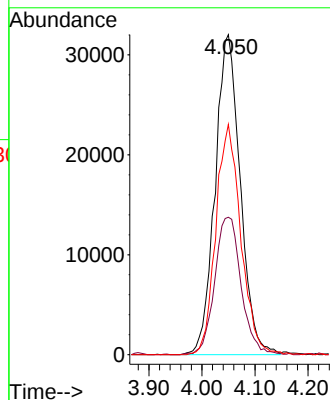
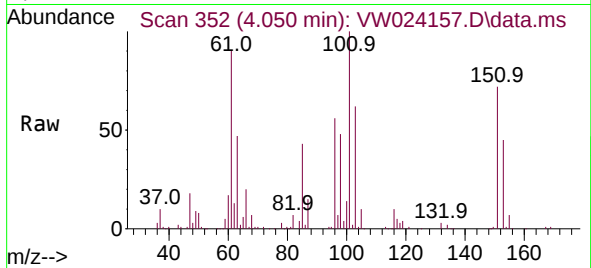




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 23.741 ug/L
 RT: 4.050 min Scan# 352
 Delta R.T. 0.000 min
 Lab File: VW024157.D
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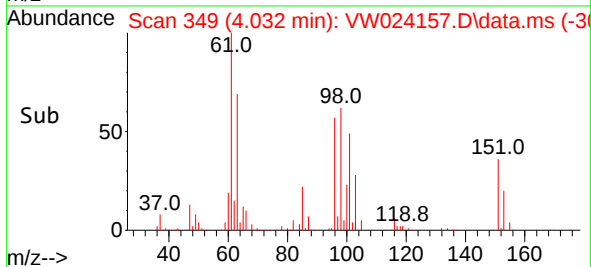
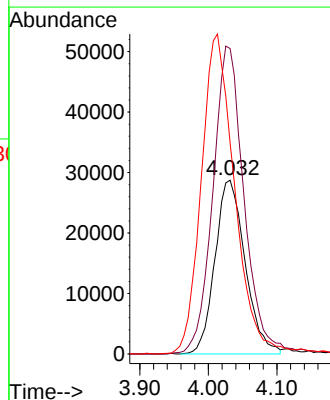
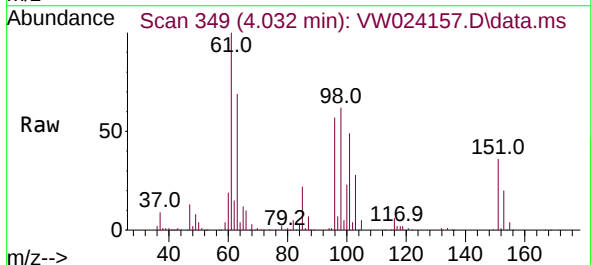
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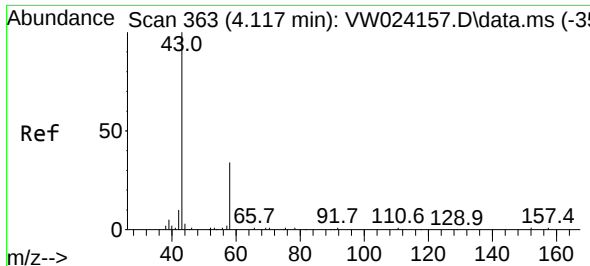
Tgt Ion:101 Resp: 105578
 Ion Ratio Lower Upper
 101 100
 85 43.6 34.9 52.3
 151 71.3 57.0 85.6



#12
 1,1-Dichloroethene
 Concen: 24.124 ug/L
 RT: 4.032 min Scan# 349
 Delta R.T. 0.000 min
 Lab File: VW024157.D
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Tgt Ion: 96 Resp: 87793
 Ion Ratio Lower Upper
 96 100
 61 175.8 123.1 228.5
 63 121.3 84.9 157.7

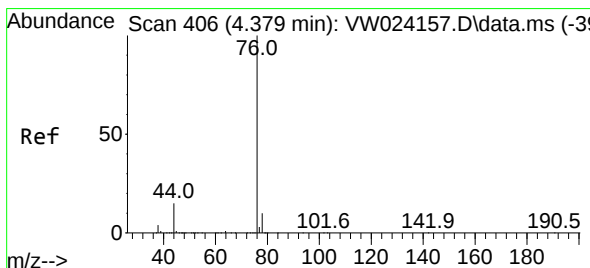
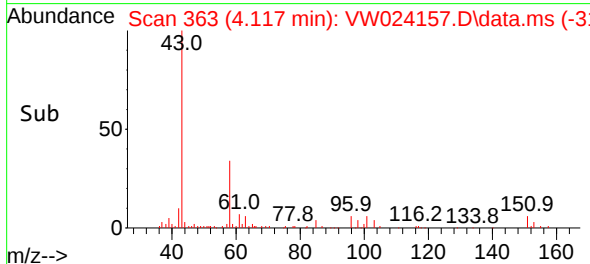
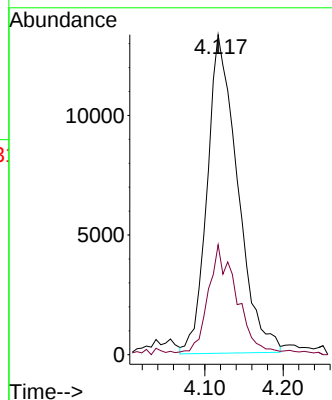
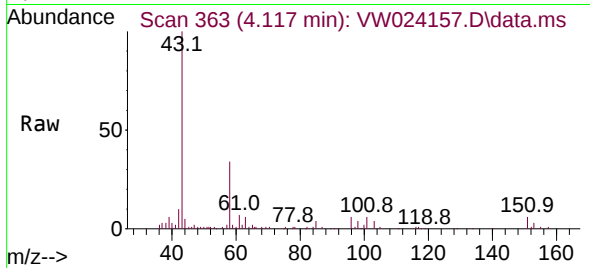




#13
Acetone
Concen: 41.080 ug/L
RT: 4.117 min Scan# 363
Delta R.T. 0.000 min
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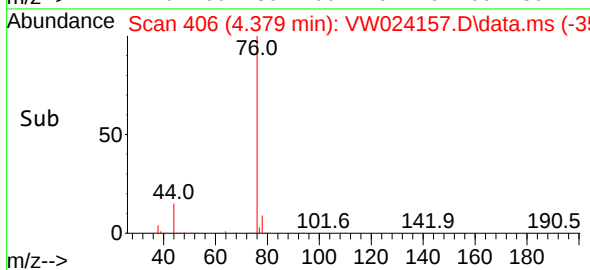
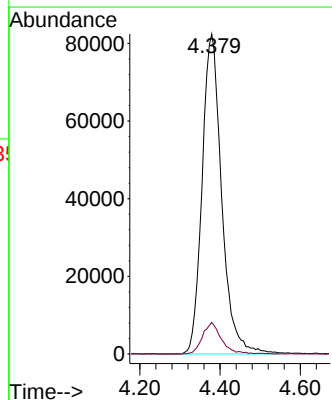
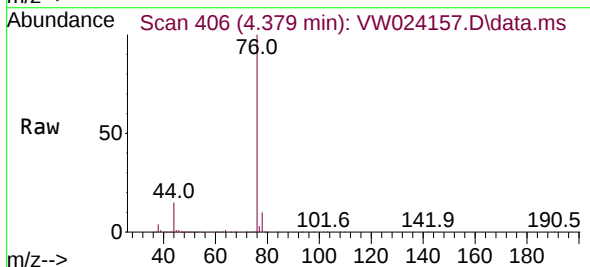
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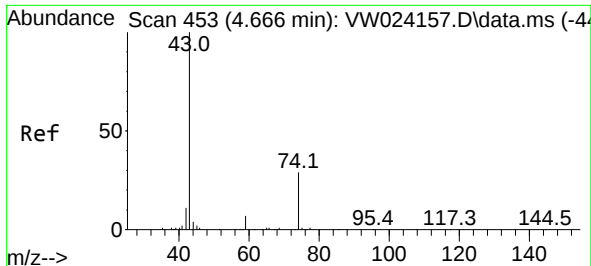
Tgt Ion: 43 Resp: 35995
Ion Ratio Lower Upper
43 100
58 15.9 0.0 31.8



#14
Carbon disulfide
Concen: 23.999 ug/L
RT: 4.379 min Scan# 406
Delta R.T. 0.000 min
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Tgt Ion: 76 Resp: 279479
Ion Ratio Lower Upper
76 100
78 9.9 7.9 11.9

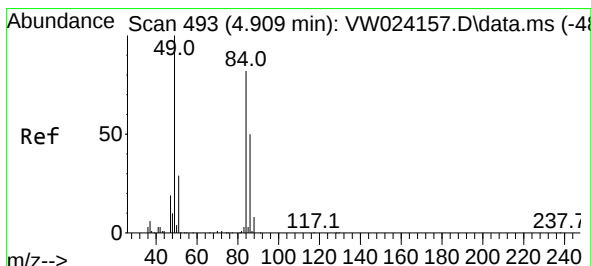
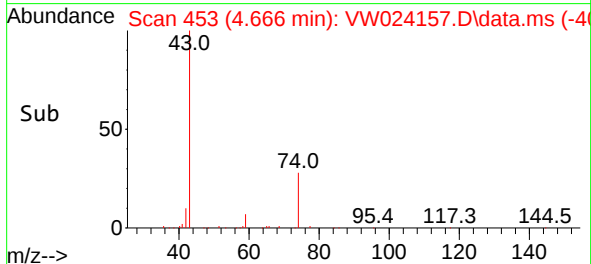
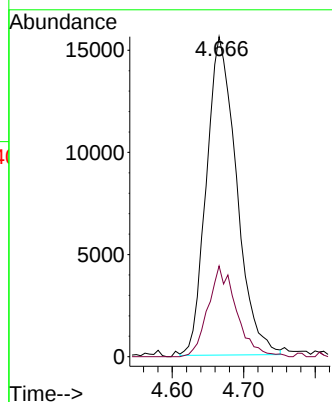
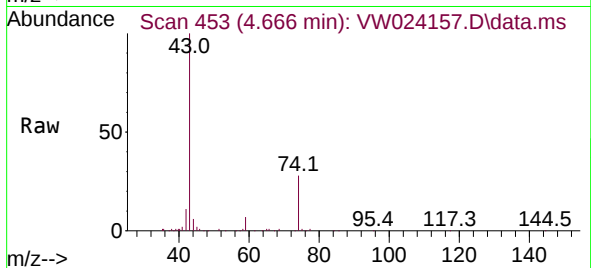




#15
Methyl Acetate
Concen: 24.246 ug/L
RT: 4.666 min Scan# 453
Delta R.T. 0.000 min
Lab File: VW024157.D
Acq: 04 Aug 2022 10:10

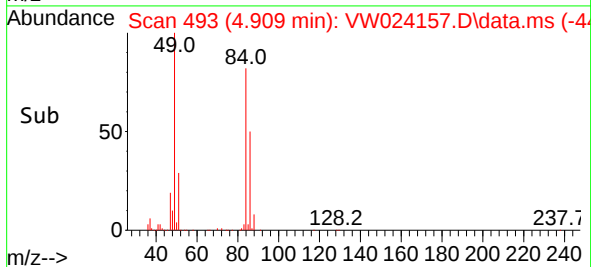
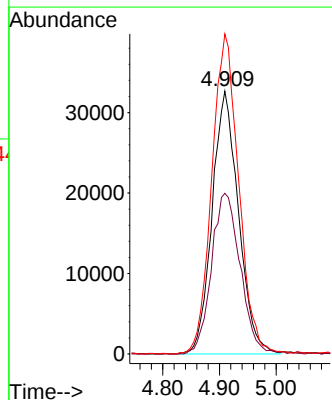
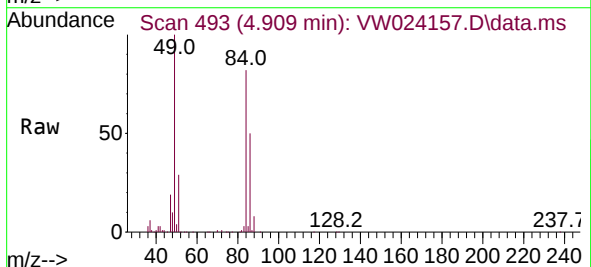
Instrument :
MSVOA_W
ClientSampleId :
VSTD025409

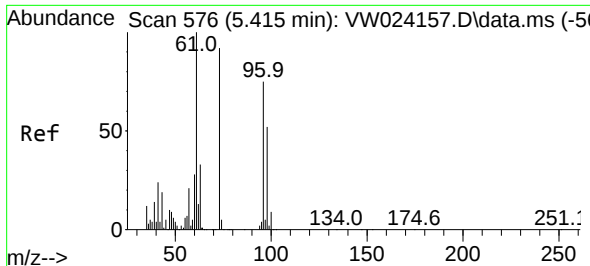
Tgt Ion: 43 Resp: 45634
Ion Ratio Lower Upper
43 100
74 26.9 21.5 32.3



#16
Methylene chloride
Concen: 19.791 ug/L
RT: 4.909 min Scan# 493
Delta R.T. 0.000 min
Lab File: VW024157.D
Acq: 04 Aug 2022 10:10

Tgt Ion: 84 Resp: 105645
Ion Ratio Lower Upper
84 100
86 61.2 42.8 79.6
49 121.8 85.3 158.3

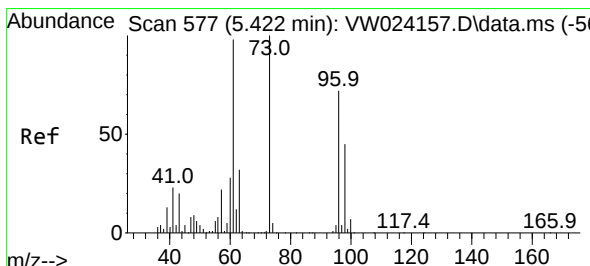
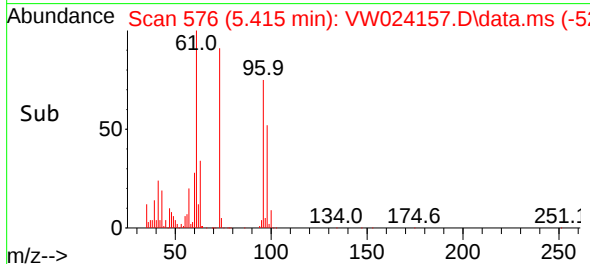
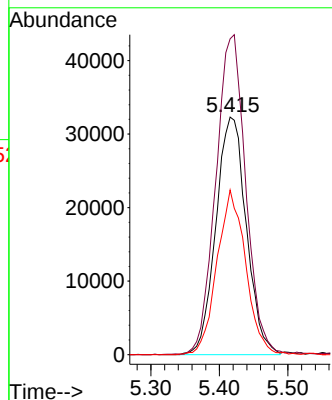
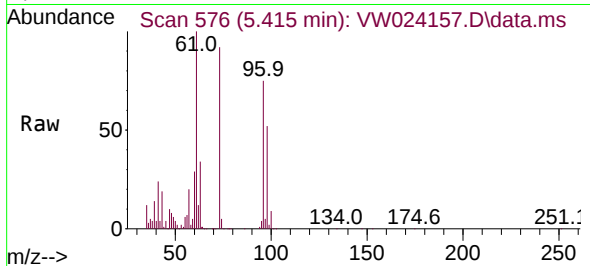




#17
trans-1,2-Dichloroethene
Concen: 23.649 ug/L
RT: 5.415 min Scan# 576
Delta R.T. 0.000 min
Lab File: VW024157.D
Acq: 04 Aug 2022 10:10

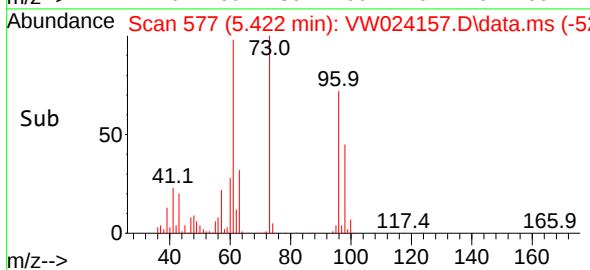
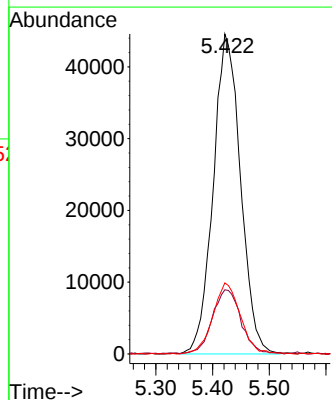
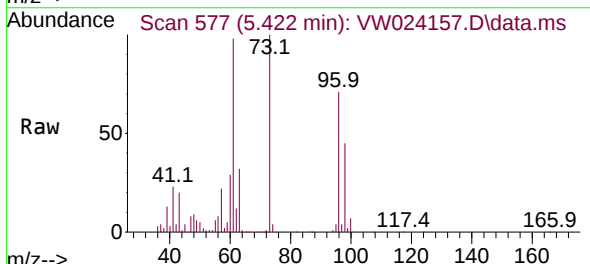
Instrument :
MSVOA_W
ClientSampleId :
VSTD025409

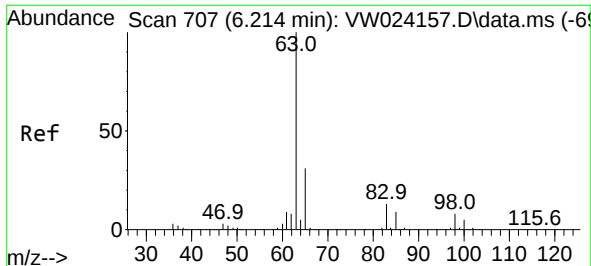
Tgt Ion: 96 Resp: 99678
Ion Ratio Lower Upper
96 100
61 132.9 93.0 172.8
98 69.3 48.5 90.1



#18
Methyl tert-butyl Ether
Concen: 24.870 ug/L
RT: 5.422 min Scan# 577
Delta R.T. 0.000 min
Lab File: VW024157.D
Acq: 04 Aug 2022 10:10

Tgt Ion: 73 Resp: 149038
Ion Ratio Lower Upper
73 100
43 20.7 16.6 24.8
57 22.0 17.6 26.4





#19

1,1-Dichloroethane

Concen: 24.202 ug/L

RT: 6.214 min Scan# 707

Delta R.T. 0.000 min

Lab File: VW024157.D

Acq: 04 Aug 2022 10:10

Instrument :

MSVOA_W

ClientSampleId :

VSTD025409

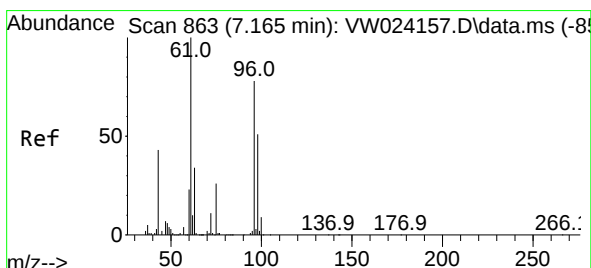
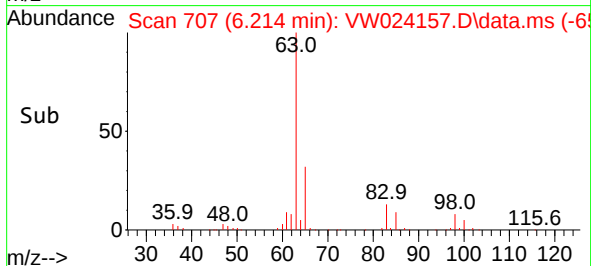
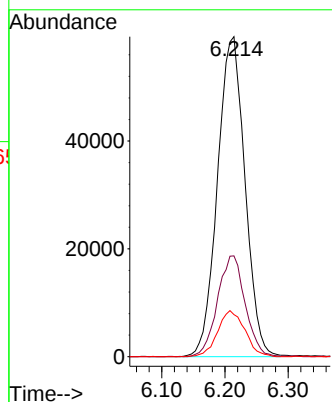
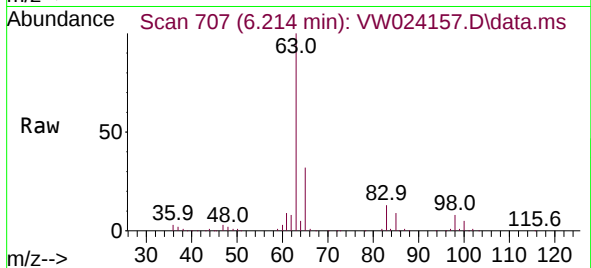
Tgt Ion: 63 Resp: 179172

Ion Ratio Lower Upper

63 100

65 31.5 22.0 41.0

83 13.1 9.2 17.0



#20

cis-1,2-Dichloroethene

Concen: 24.054 ug/L

RT: 7.165 min Scan# 863

Delta R.T. 0.000 min

Lab File: VW024157.D

Acq: 04 Aug 2022 10:10

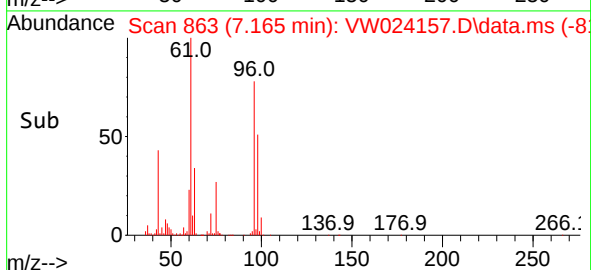
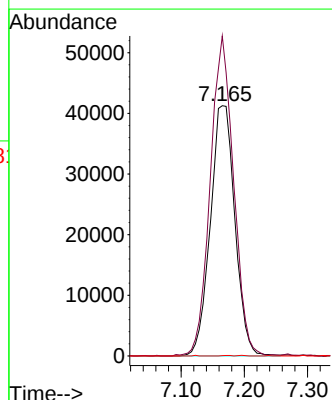
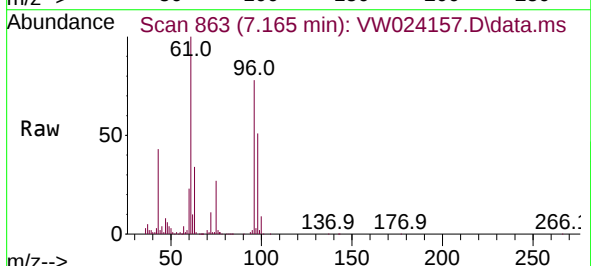
Tgt Ion: 96 Resp: 111181

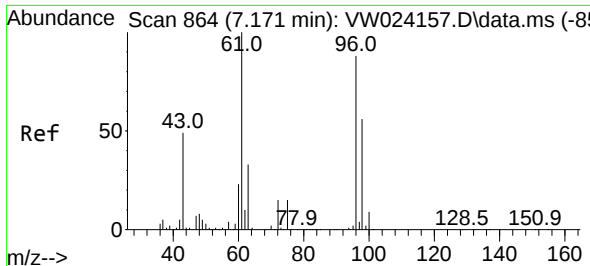
Ion Ratio Lower Upper

96 100

61 127.9 89.5 166.3

68 0.1 0.1 0.1

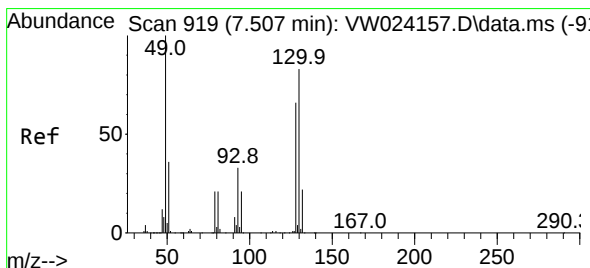
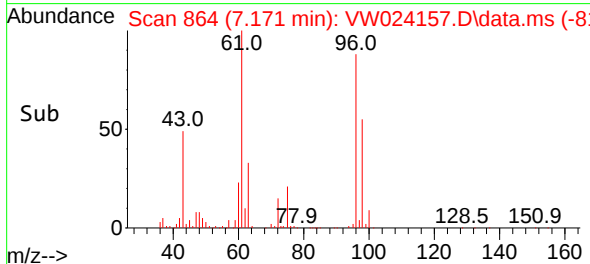
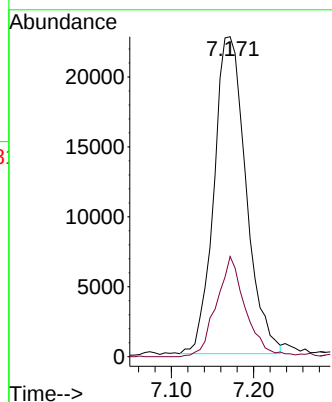
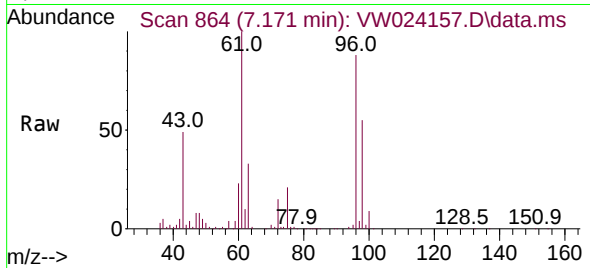




#22
2-Butanone
Concen: 41.168 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW024157.D
Acq: 04 Aug 2022 10:10

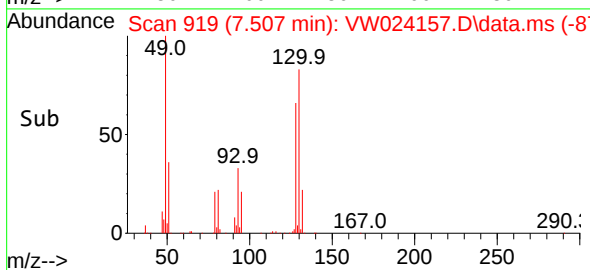
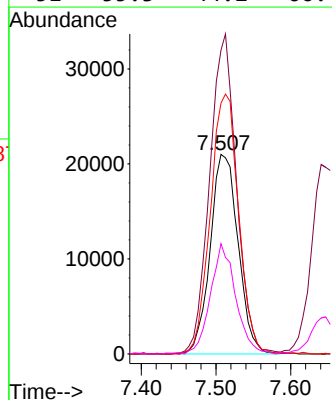
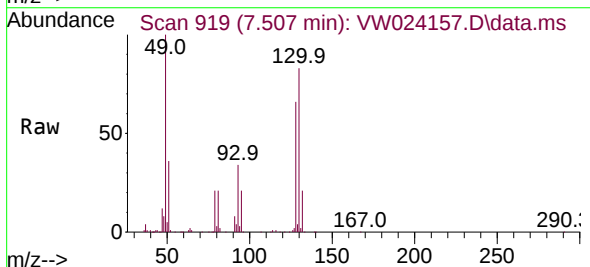
Instrument :
MSVOA_W
ClientSampleId :
VSTD025409

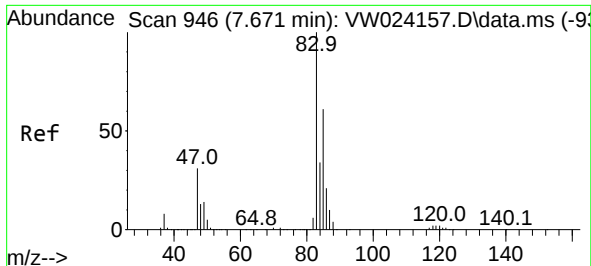
Tgt Ion: 43 Resp: 61592
Ion Ratio Lower Upper
43 100
72 28.6 14.3 42.9



#23
Bromochloromethane
Concen: 23.707 ug/L
RT: 7.507 min Scan# 919
Delta R.T. 0.000 min
Lab File: VW024157.D
Acq: 04 Aug 2022 10:10

Tgt Ion: 128 Resp: 54491
Ion Ratio Lower Upper
128 100
49 152.3 106.6 198.0
130 125.8 88.1 163.5
51 55.3 44.2 66.4

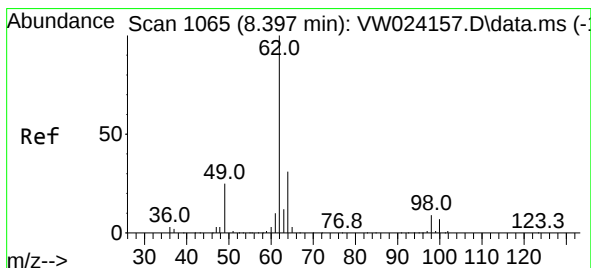
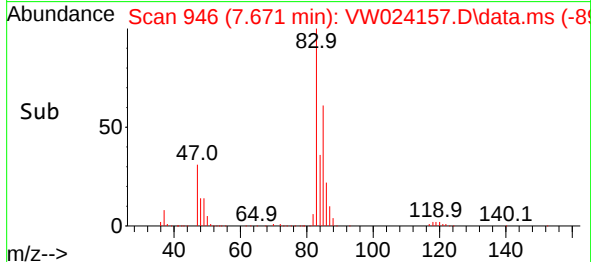
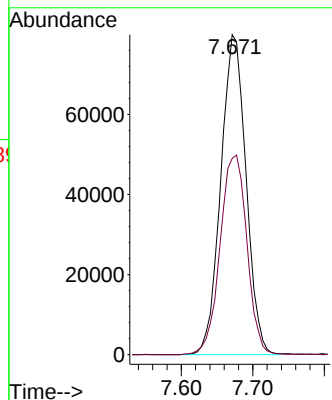
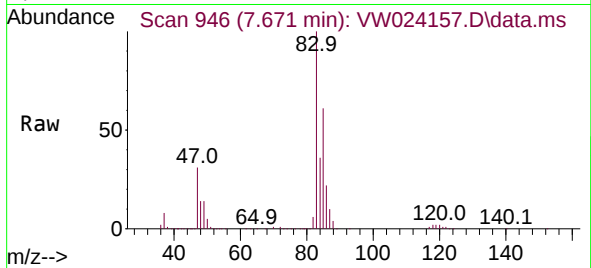




#25
Chloroform
Concen: 24.009 ug/L
RT: 7.671 min Scan# 946
Delta R.T. 0.000 min
Lab File: VW024157.D
Acq: 04 Aug 2022 10:10

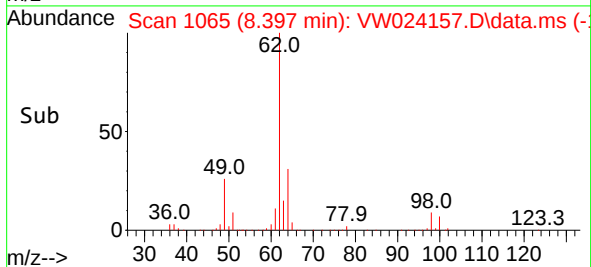
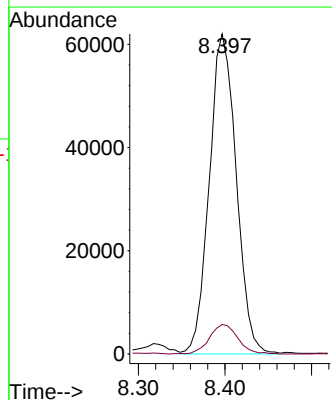
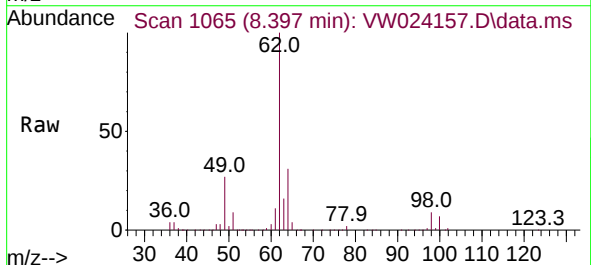
Instrument :
MSVOA_W
ClientSampleId :
VSTD025409

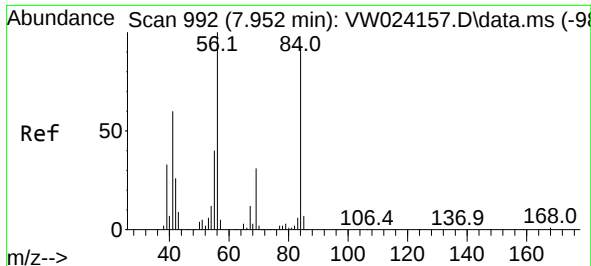
Tgt Ion: 83 Resp: 195857
Ion Ratio Lower Upper
83 100
85 61.3 42.9 79.7



#27
1,2-Dichloroethane
Concen: 24.431 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VW024157.D
Acq: 04 Aug 2022 10:10

Tgt Ion: 62 Resp: 134109
Ion Ratio Lower Upper
62 100
98 9.2 7.4 11.0





#29

Cyclohexane

Concen: 25.011 ug/L

RT: 7.952 min Scan# 992

Delta R.T. 0.000 min

Lab File: VW024157.D

Acq: 04 Aug 2022 10:10

Instrument :

MSVOA_W

ClientSampleId :

VSTD025409

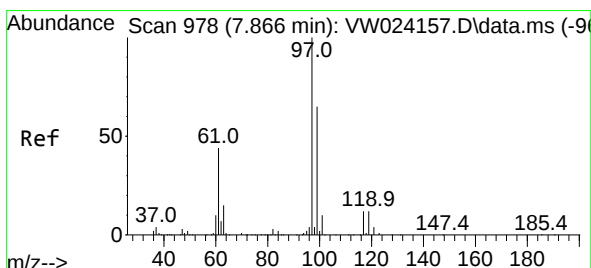
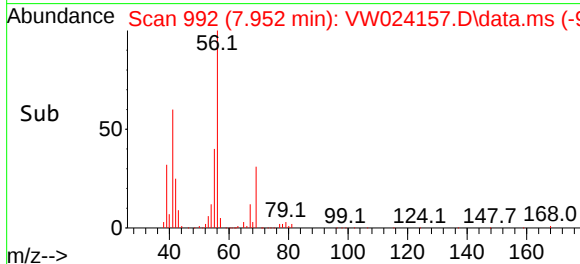
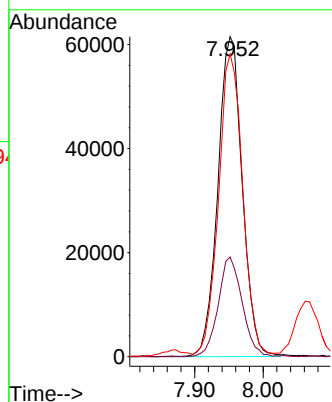
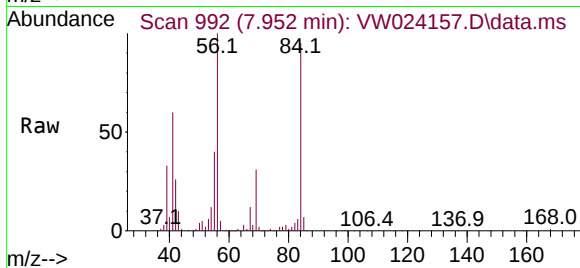
Tgt Ion: 56 Resp: 151654

Ion Ratio Lower Upper

56 100

69 30.6 24.5 36.7

84 94.4 75.5 113.3



#30

1,1,1-Trichloroethane

Concen: 24.210 ug/L

RT: 7.866 min Scan# 978

Delta R.T. 0.000 min

Lab File: VW024157.D

Acq: 04 Aug 2022 10:10

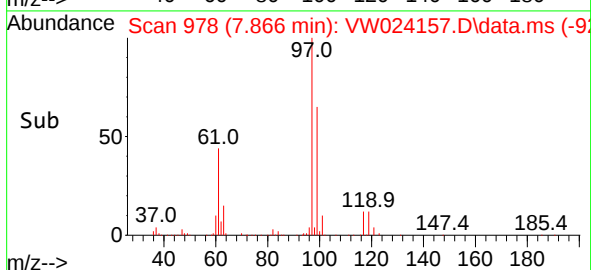
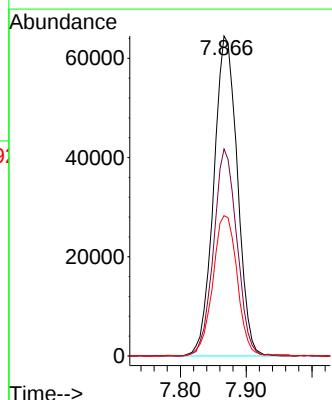
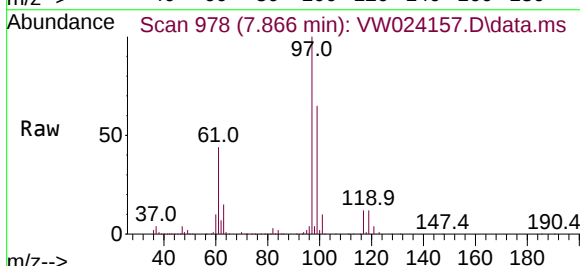
Tgt Ion: 97 Resp: 161473

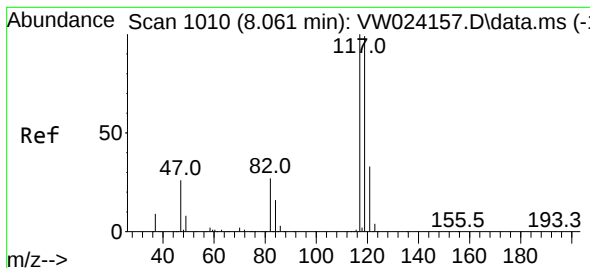
Ion Ratio Lower Upper

97 100

99 63.8 51.0 76.6

61 45.2 36.2 54.2





#31

Carbon tetrachloride

Concen: 23.786 ug/L

RT: 8.061 min Scan# 1010

Delta R.T. 0.000 min

Lab File: VW024157.D

Acq: 04 Aug 2022 10:10

Instrument :

MSVOA_W

ClientSampleId :

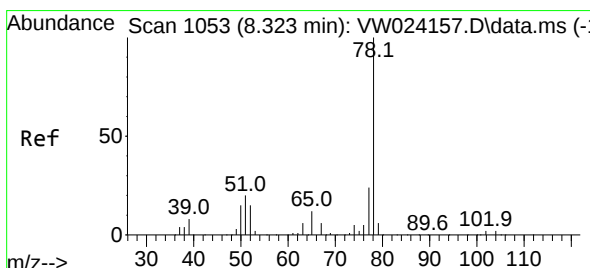
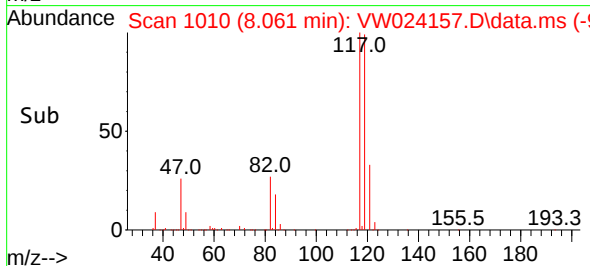
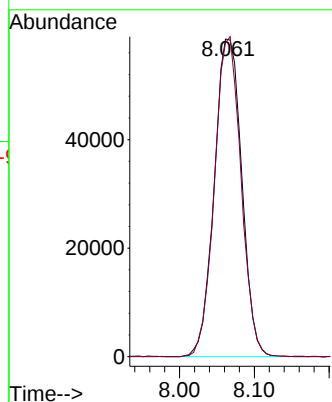
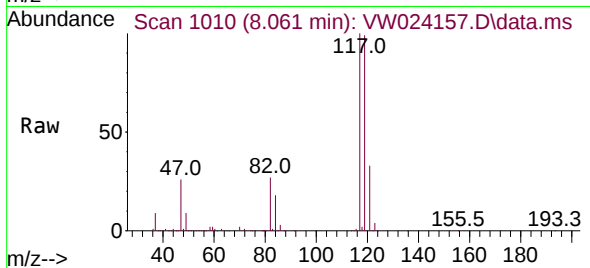
VSTD025409

Tgt Ion:117 Resp: 149670

Ion Ratio Lower Upper

117 100

119 97.3 77.8 116.8



#33

Benzene

Concen: 24.191 ug/L

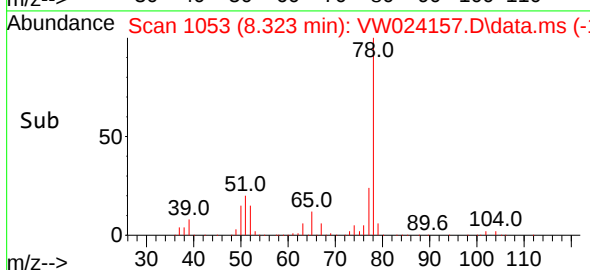
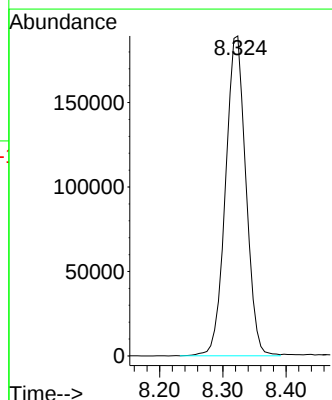
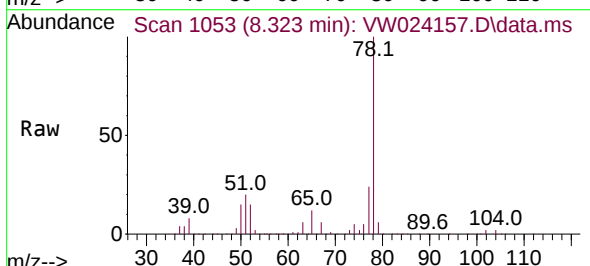
RT: 8.323 min Scan# 1053

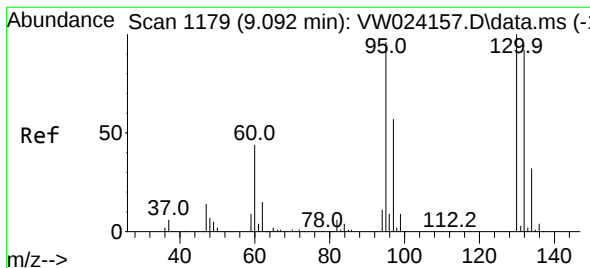
Delta R.T. 0.000 min

Lab File: VW024157.D

Acq: 04 Aug 2022 10:10

Tgt Ion: 78 Resp: 422573





#34

Trichloroethene

Concen: 23.668 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VW024157.D

Acq: 04 Aug 2022 10:10

Instrument :

MSVOA_W

ClientSampleId :

VSTD025409

Tgt Ion: 95 Resp: 109276

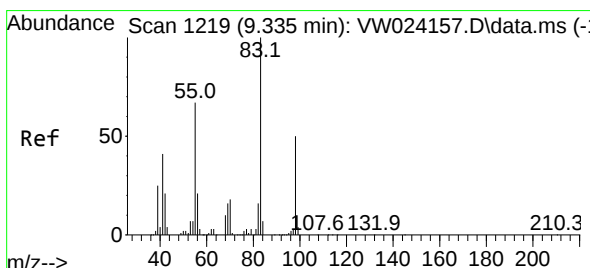
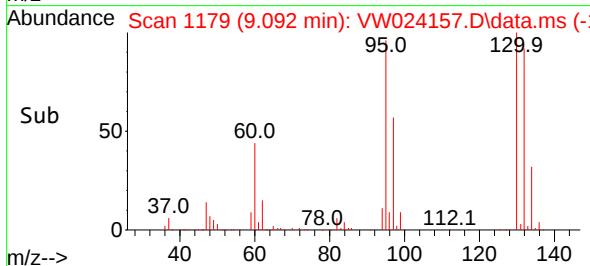
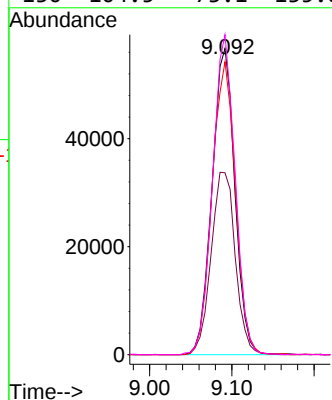
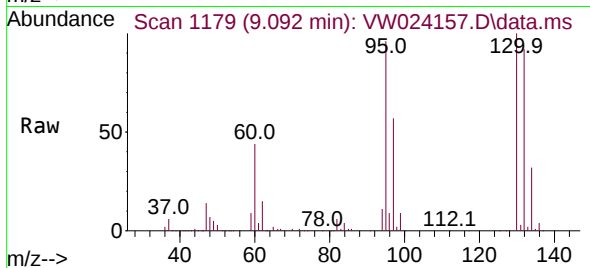
Ion Ratio Lower Upper

95 100

97 59.4 41.6 77.2

132 95.7 67.0 124.4

130 104.5 73.1 135.8



#35

Methylcyclohexane

Concen: 24.918 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VW024157.D

Acq: 04 Aug 2022 10:10

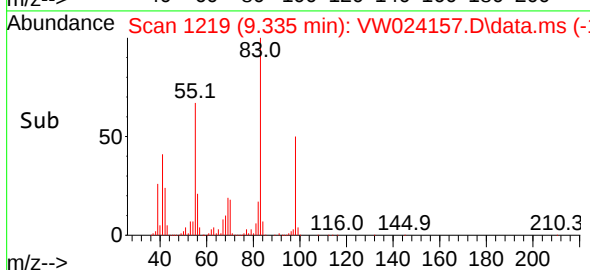
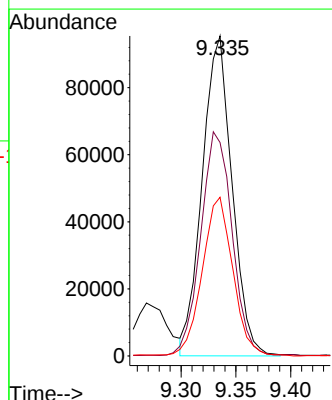
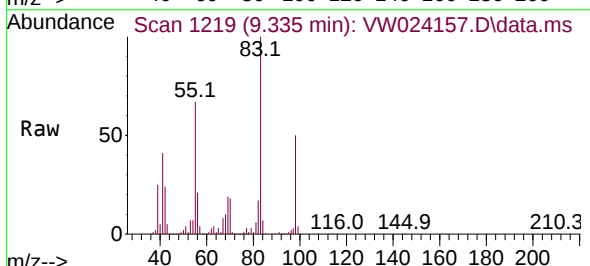
Tgt Ion: 83 Resp: 180414

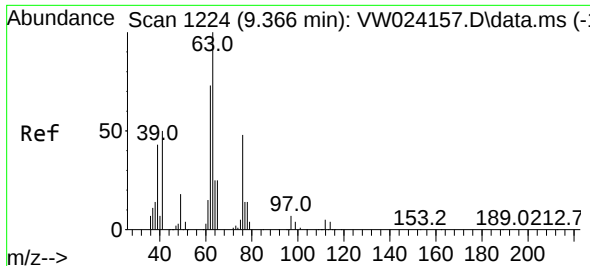
Ion Ratio Lower Upper

83 100

55 73.9 59.1 88.7

98 51.0 40.8 61.2





#37

1,2-Dichloropropane

Concen: 24.228 ug/L

RT: 9.366 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW024157.D

Acq: 04 Aug 2022 10:10

Instrument :

MSVOA_W

ClientSampleId :

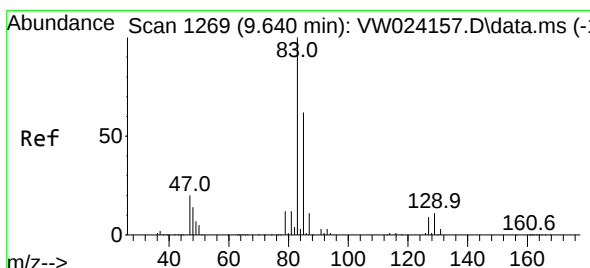
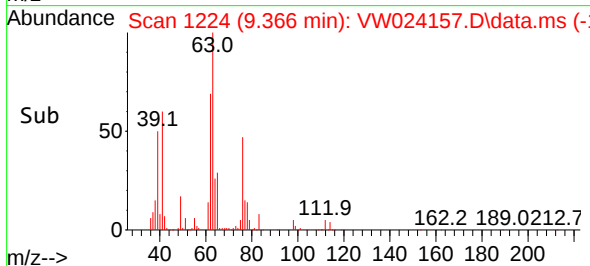
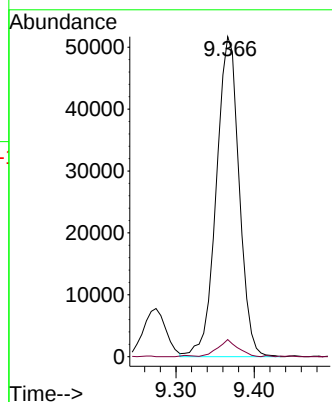
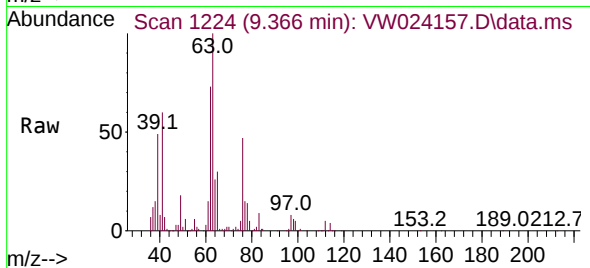
VSTD025409

Tgt Ion: 63 Resp: 104617

Ion Ratio Lower Upper

63 100

112 4.7 3.8 5.6



#38

Bromodichloromethane

Concen: 24.383 ug/L

RT: 9.640 min Scan# 1269

Delta R.T. 0.000 min

Lab File: VW024157.D

Acq: 04 Aug 2022 10:10

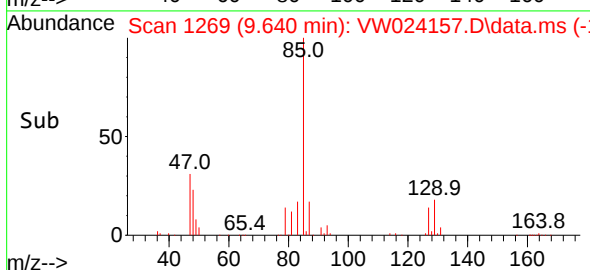
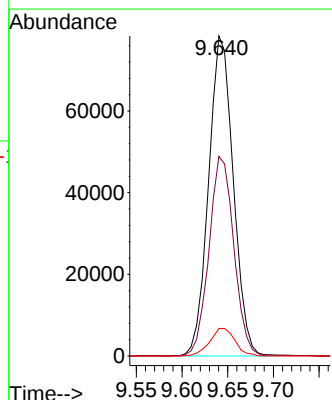
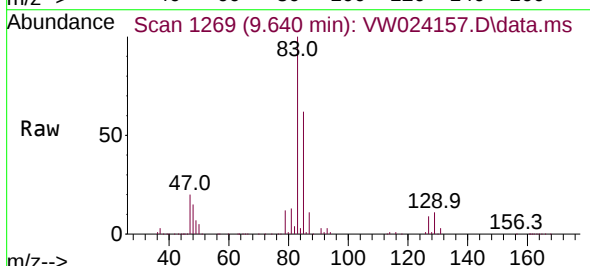
Tgt Ion: 83 Resp: 147667

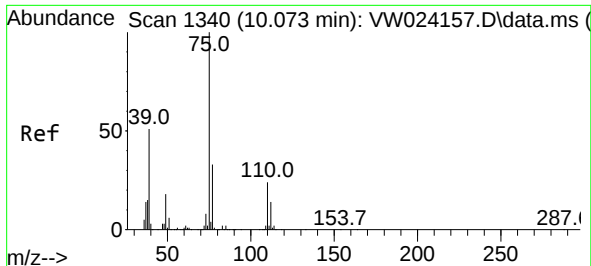
Ion Ratio Lower Upper

83 100

85 62.4 43.7 81.1

127 8.6 6.9 10.3

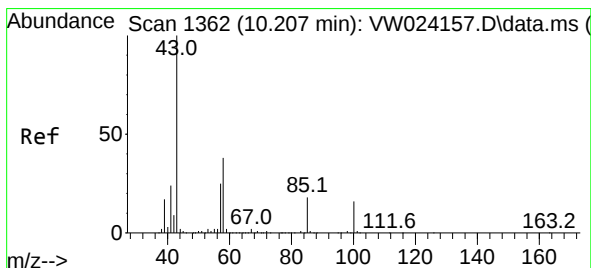
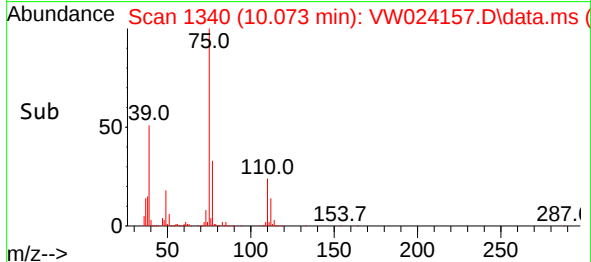
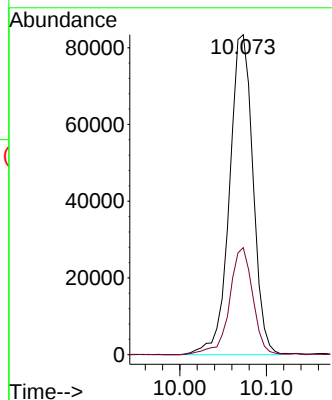
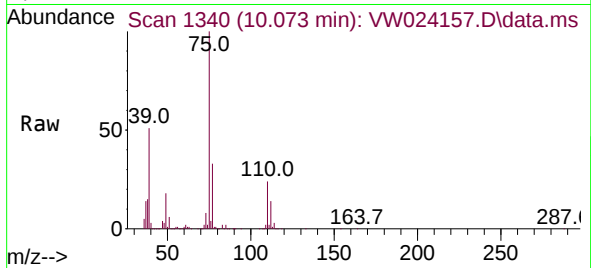




#39
 cis-1,3-Dichloropropene
 Concen: 24.792 ug/L
 RT: 10.073 min Scan# 1340
 Delta R.T. 0.000 min
 Lab File: VW024157.D
 Acq: 04 Aug 2022 10:10

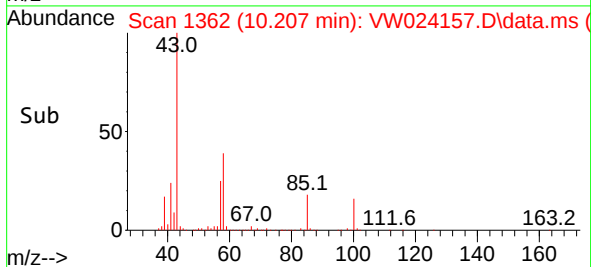
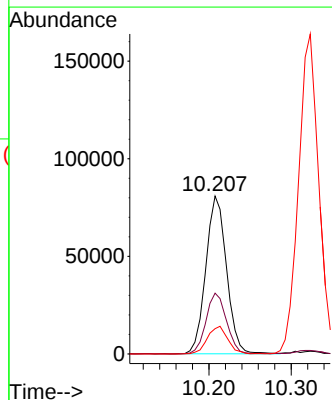
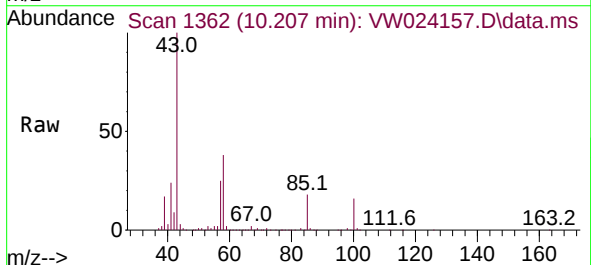
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025409

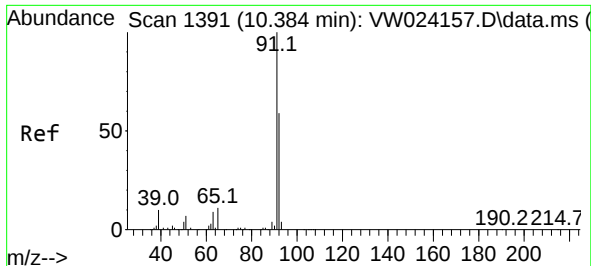
Tgt Ion: 75 Resp: 157492
 Ion Ratio Lower Upper
 75 100
 77 33.5 23.4 43.6



#40
 4-Methyl-2-pentanone
 Concen: 49.259 ug/L
 RT: 10.207 min Scan# 1362
 Delta R.T. 0.000 min
 Lab File: VW024157.D
 Acq: 04 Aug 2022 10:10

Tgt Ion: 43 Resp: 141164
 Ion Ratio Lower Upper
 43 100
 58 38.1 30.5 45.7
 100 17.2 13.8 20.6

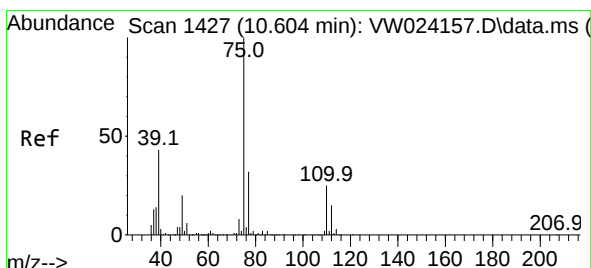
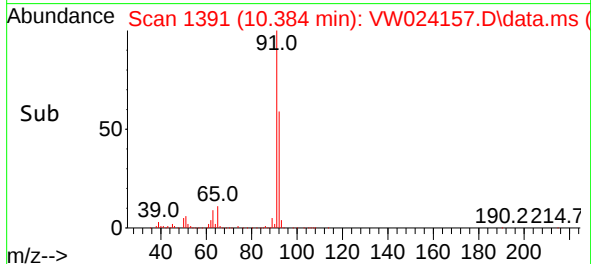
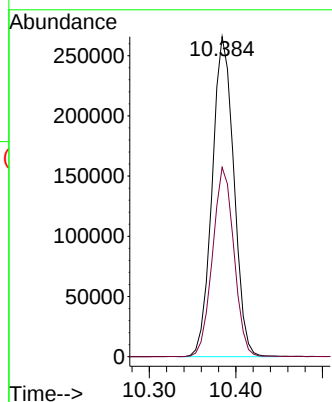
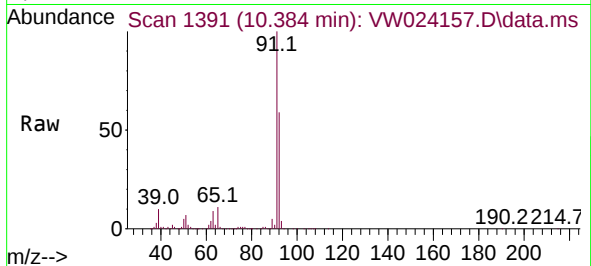




#42
Toluene
Concen: 24.899 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VW024157.D
Acq: 04 Aug 2022 10:10

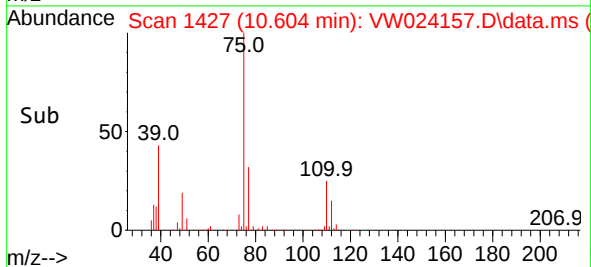
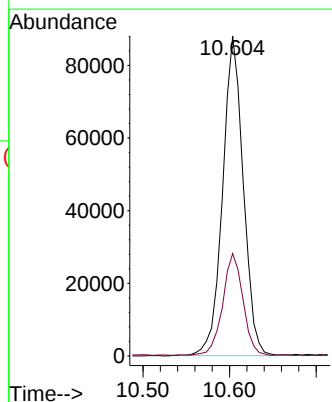
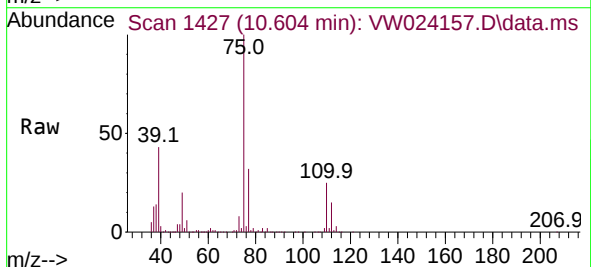
Instrument :
MSVOA_W
ClientSampleId :
VSTD025409

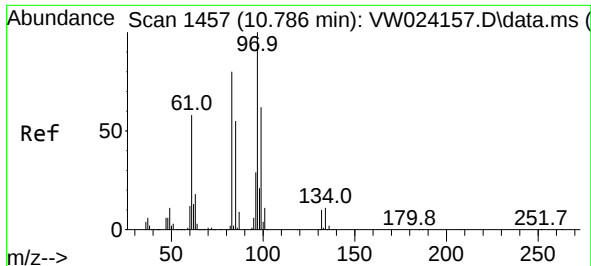
Tgt Ion: 91 Resp: 462183
Ion Ratio Lower Upper
91 100
92 59.2 41.4 77.0



#44
trans-1,3-Dichloropropene
Concen: 25.136 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW024157.D
Acq: 04 Aug 2022 10:10

Tgt Ion: 75 Resp: 145903
Ion Ratio Lower Upper
75 100
77 32.0 22.4 41.6

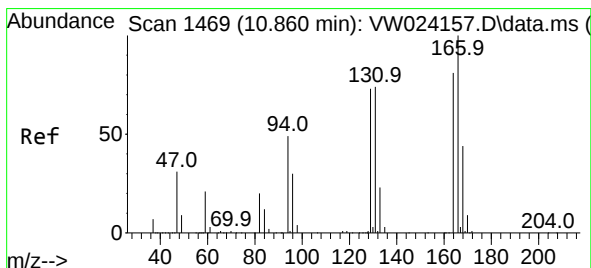
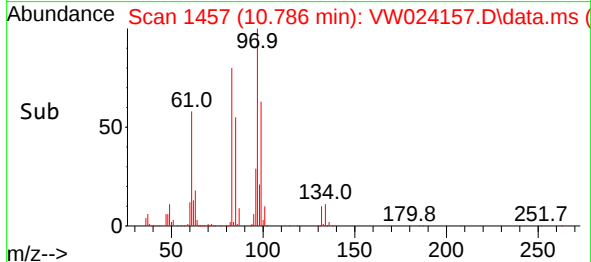
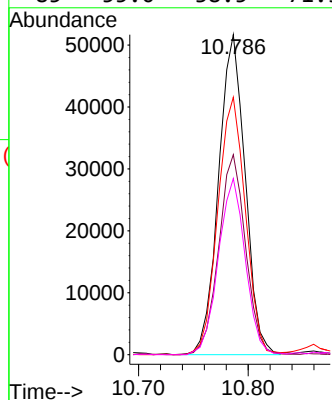
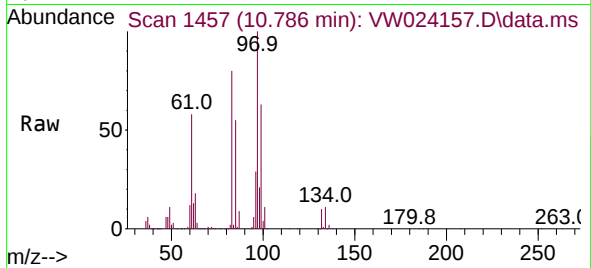




#45
1,1,2-Trichloroethane
Concen: 23.939 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW024157.D
Acq: 04 Aug 2022 10:10

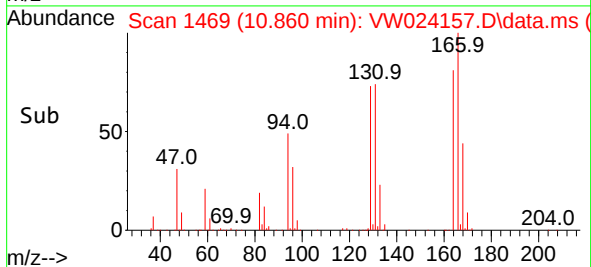
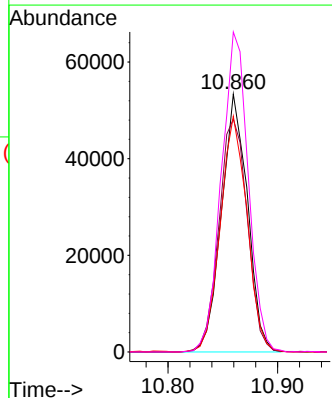
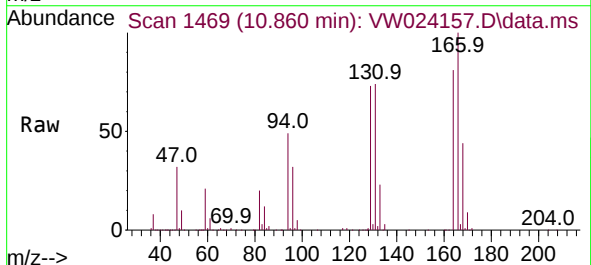
Instrument :
MSVOA_W
ClientSampleId :
VSTD025409

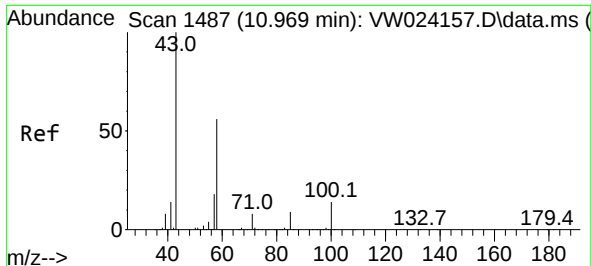
Tgt Ion:	97	Resp:	87126
Ion	Ratio	Lower	Upper
97	100		
99	62.5	43.8	81.3
83	80.5	56.4	104.7
85	55.0	38.5	71.5



#46
Tetrachloroethene
Concen: 23.559 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW024157.D
Acq: 04 Aug 2022 10:10

Tgt Ion:	164	Resp:	88059
Ion	Ratio	Lower	Upper
164	100		
129	90.2	63.1	117.3
131	91.3	63.9	118.7
166	124.0	86.8	161.2

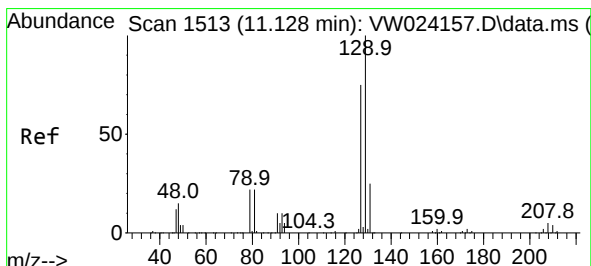
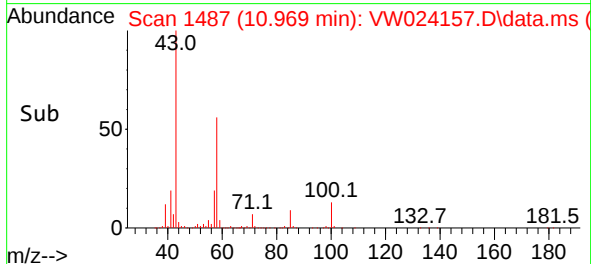
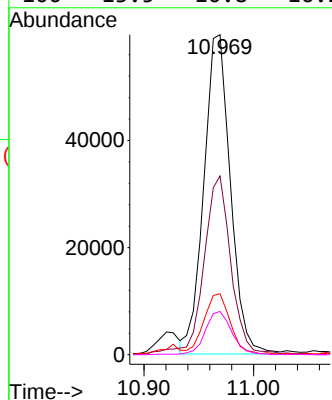
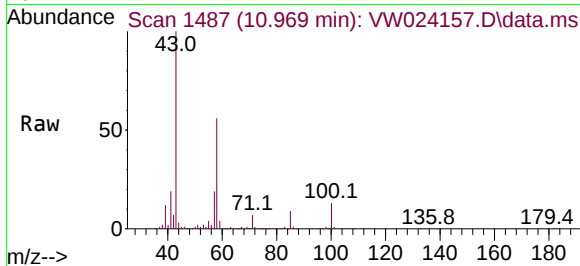




#48
2-Hexanone
Concen: 51.809 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW024157.D
Acq: 04 Aug 2022 10:10

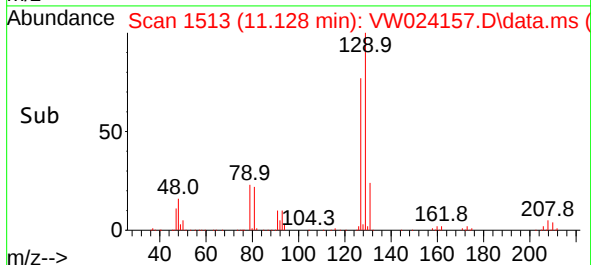
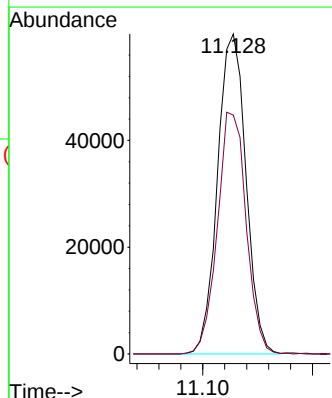
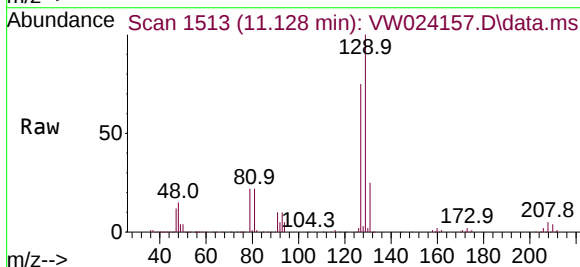
Instrument :
MSVOA_W
ClientSampleId :
VSTD025409

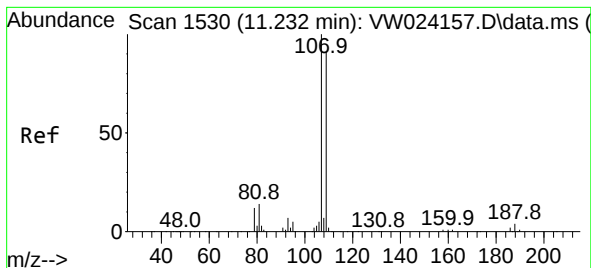
Tgt Ion: 43 Resp: 100761
Ion Ratio Lower Upper
43 100
58 54.2 43.4 65.0
57 18.7 15.0 22.4
100 13.5 10.8 16.2



#49
Dibromochloromethane
Concen: 24.646 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW024157.D
Acq: 04 Aug 2022 10:10

Tgt Ion: 129 Resp: 107985
Ion Ratio Lower Upper
129 100
127 74.7 52.3 97.1

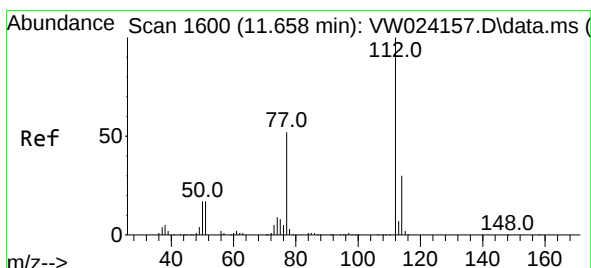
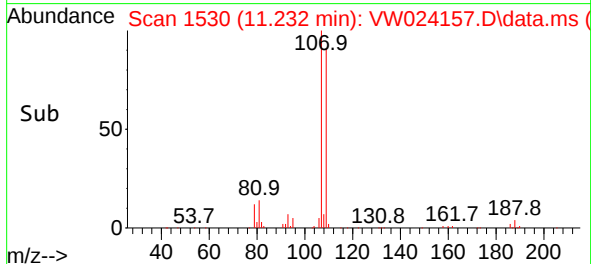
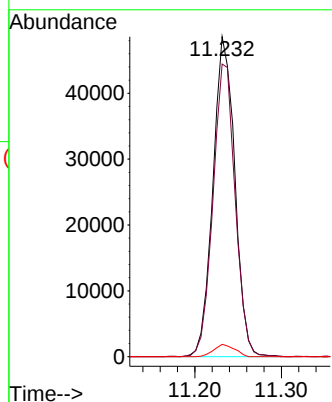
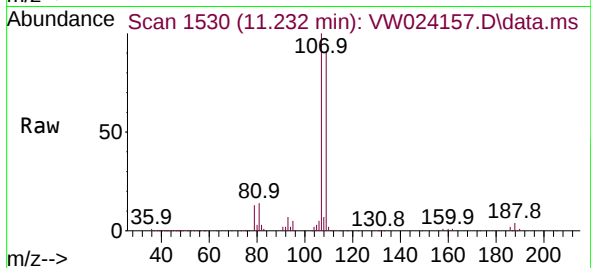




#50
1,2-Dibromoethane
Concen: 24.447 ug/L
RT: 11.232 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW024157.D
Acq: 04 Aug 2022 10:10

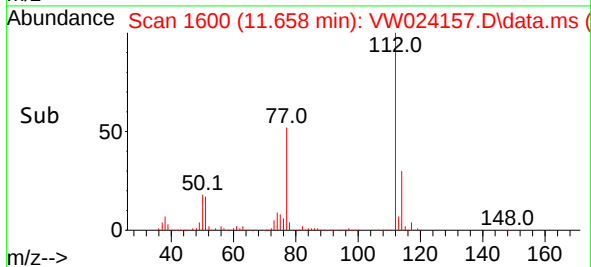
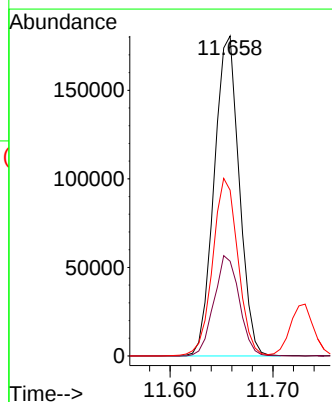
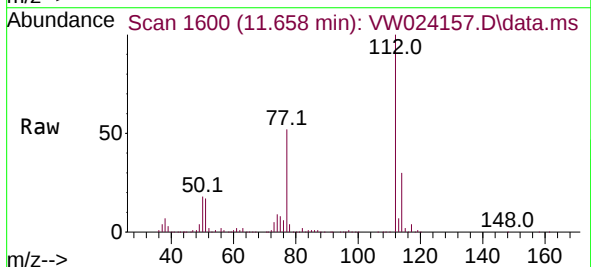
Instrument :
MSVOA_W
ClientSampleId :
VSTD025409

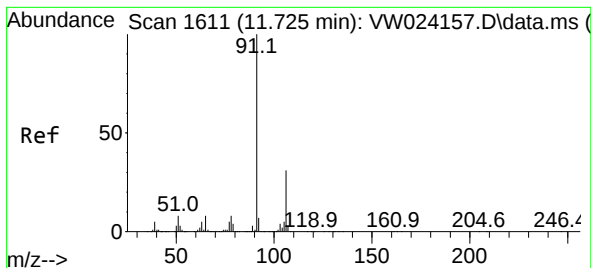
Tgt Ion:107 Resp: 85247
Ion Ratio Lower Upper
107 100
109 91.5 64.0 119.0
188 3.9 3.1 4.7



#51
Chlorobenzene
Concen: 24.114 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW024157.D
Acq: 04 Aug 2022 10:10

Tgt Ion:112 Resp: 305821
Ion Ratio Lower Upper
112 100
114 29.6 20.7 38.5
77 51.8 41.4 62.2

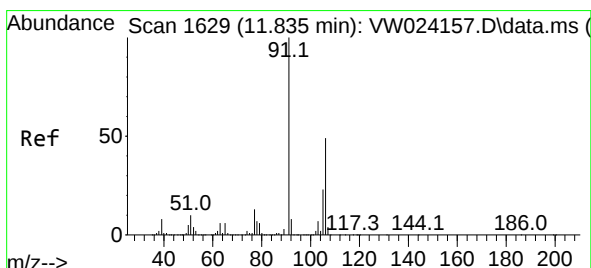
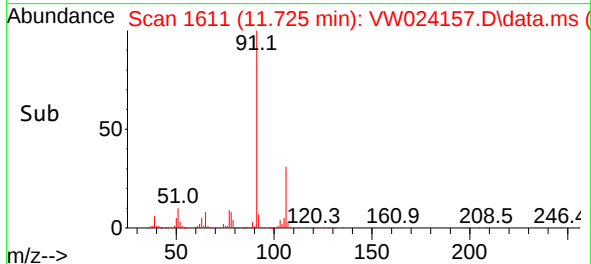
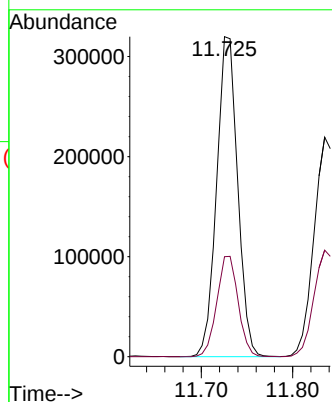
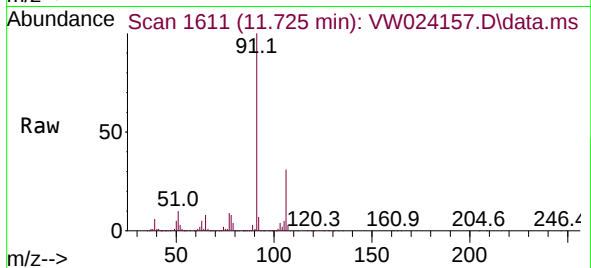




#52
Ethylbenzene
Concen: 25.146 ug/L
RT: 11.725 min Scan# 1611
Delta R.T. 0.000 min
Lab File: VW024157.D
Acq: 04 Aug 2022 10:10

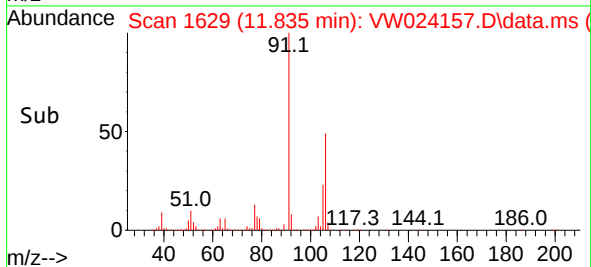
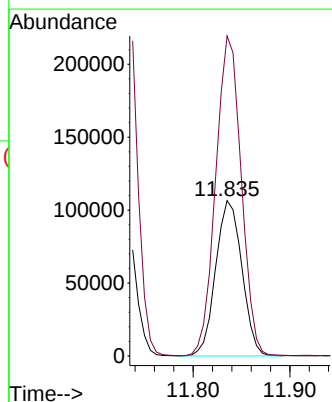
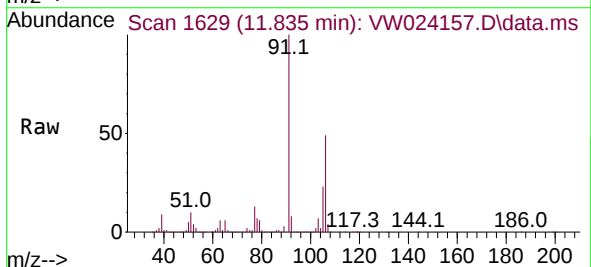
Instrument :
MSVOA_W
ClientSampleId :
VSTD025409

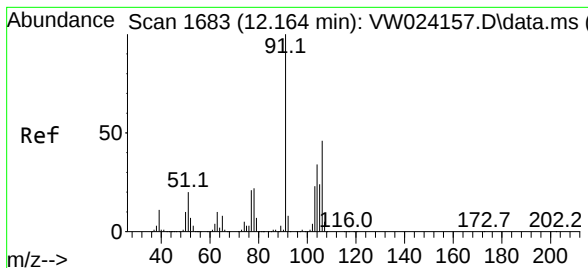
Tgt Ion: 91 Resp: 511389
Ion Ratio Lower Upper
91 100
106 31.3 21.9 40.7



#53
m,p-Xylene
Concen: 25.273 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW024157.D
Acq: 04 Aug 2022 10:10

Tgt Ion:106 Resp: 200067
Ion Ratio Lower Upper
106 100
91 205.9 144.1 267.7

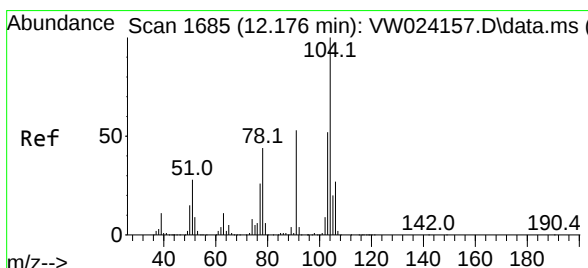
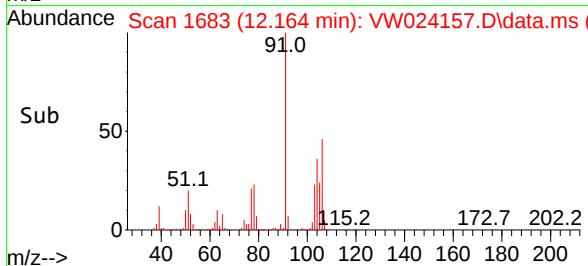
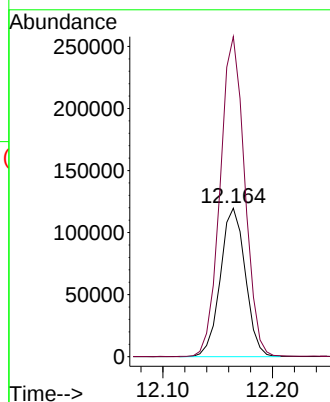
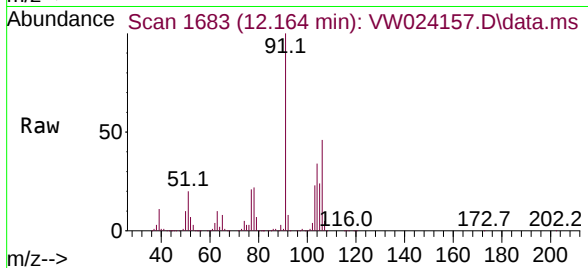




#54
o-Xylene
Concen: 25.316 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW024157.D
Acq: 04 Aug 2022 10:10

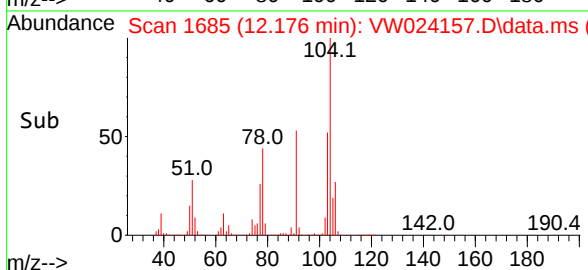
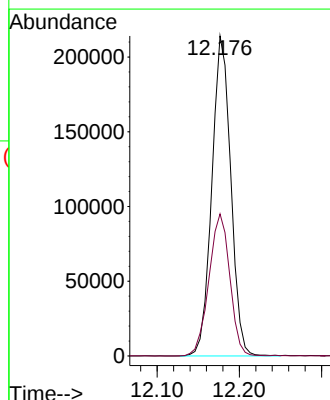
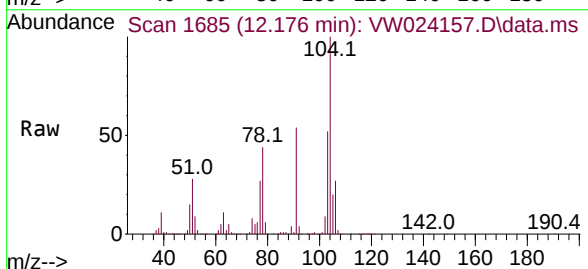
Instrument :
MSVOA_W
ClientSampleId :
VSTD025409

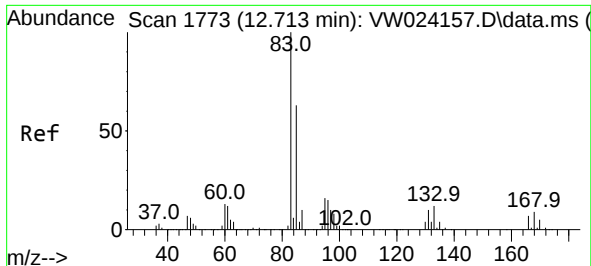
Tgt Ion:106 Resp: 189338
Ion Ratio Lower Upper
106 100
91 215.6 150.9 280.3



#55
Styrene
Concen: 26.334 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW024157.D
Acq: 04 Aug 2022 10:10

Tgt Ion:104 Resp: 342535
Ion Ratio Lower Upper
104 100
78 44.4 31.1 57.7

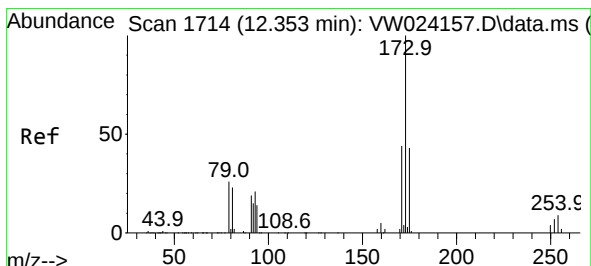
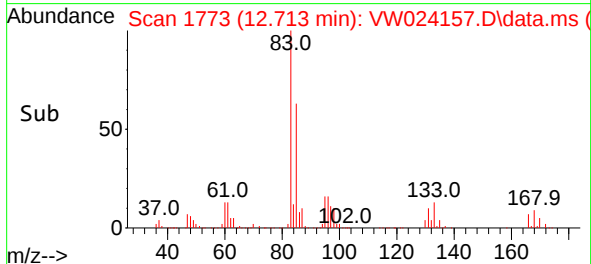
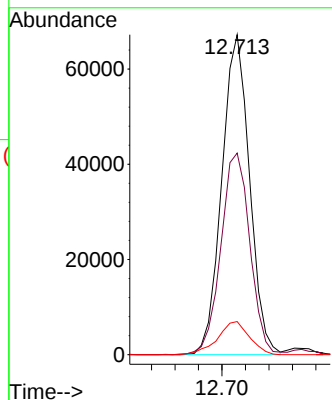
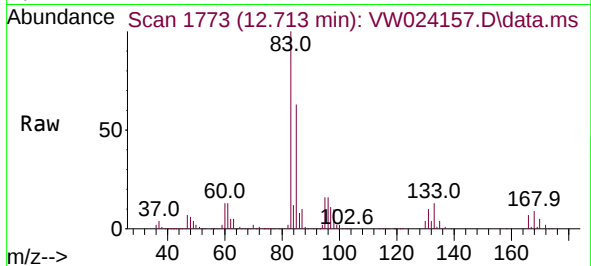




#57
1,1,2,2-Tetrachloroethane
Concen: 24.216 ug/L
RT: 12.713 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW024157.D
Acq: 04 Aug 2022 10:10

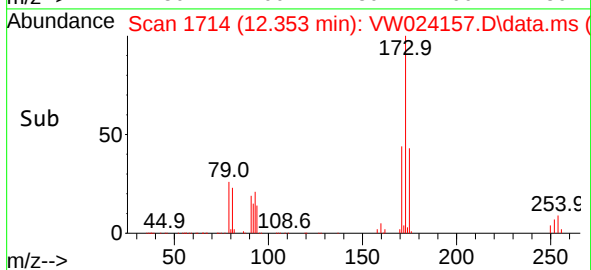
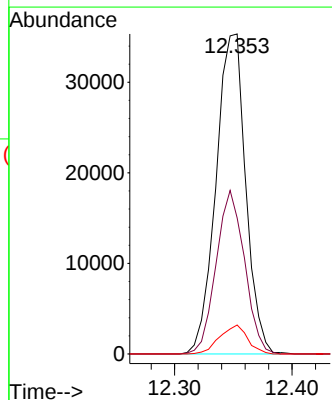
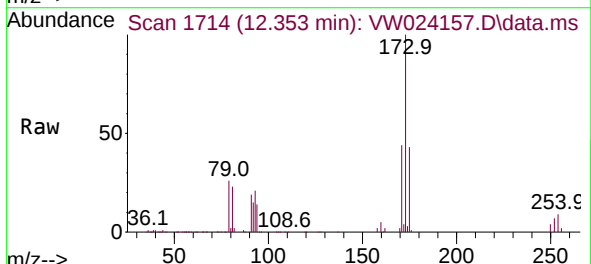
Instrument :
MSVOA_W
ClientSampleId :
VSTD025409

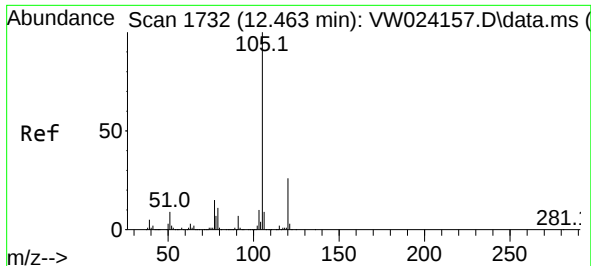
Tgt Ion: 83 Resp: 110145
Ion Ratio Lower Upper
83 100
85 63.0 44.1 81.9
131 10.4 8.3 12.5



#59
Bromoform
Concen: 23.798 ug/L
RT: 12.353 min Scan# 1714
Delta R.T. 0.000 min
Lab File: VW024157.D
Acq: 04 Aug 2022 10:10

Tgt Ion: 173 Resp: 62166
Ion Ratio Lower Upper
173 100
175 48.8 39.0 58.6
254 8.5 6.8 10.2

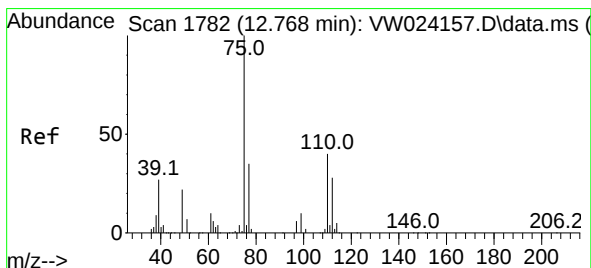
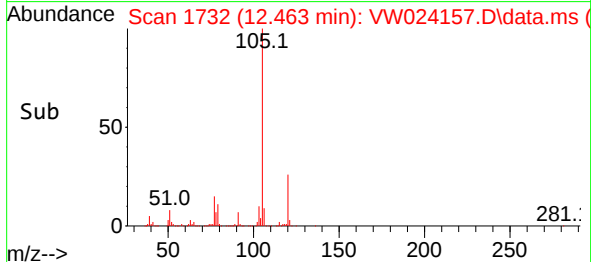
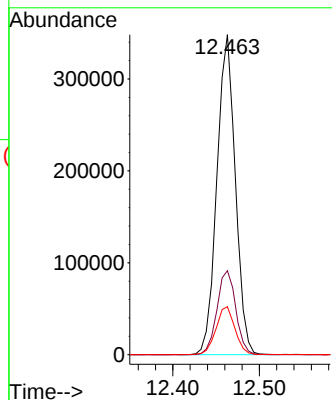
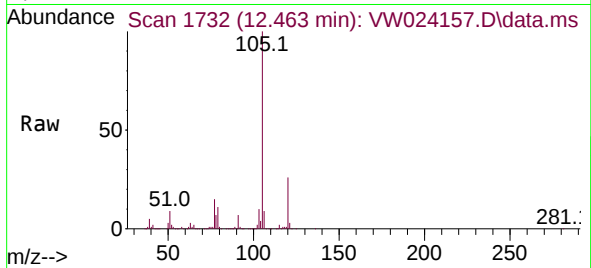




#60
Isopropylbenzene
Concen: 24.833 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW024157.D
Acq: 04 Aug 2022 10:10

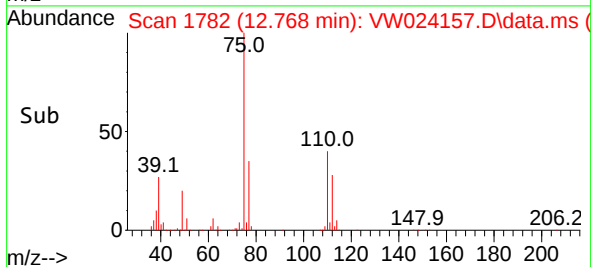
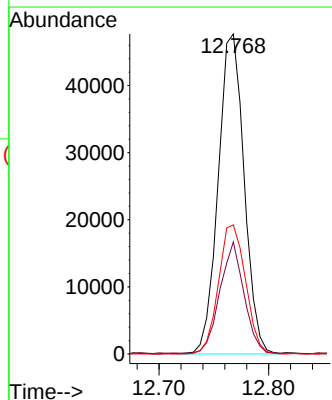
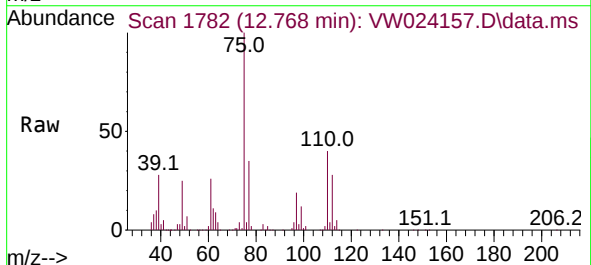
Instrument :
MSVOA_W
ClientSampleId :
VSTD025409

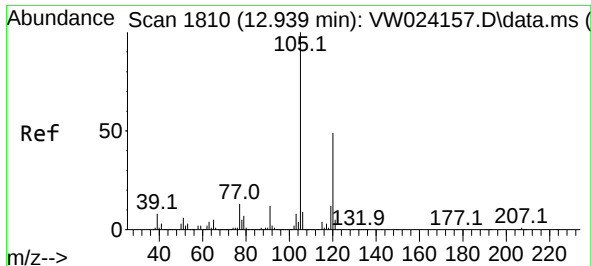
Tgt Ion:105 Resp: 514826
Ion Ratio Lower Upper
105 100
120 26.8 21.4 32.2
77 15.5 12.4 18.6



#61
1,2,3-Trichloropropane
Concen: 23.022 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW024157.D
Acq: 04 Aug 2022 10:10

Tgt Ion: 75 Resp: 78464
Ion Ratio Lower Upper
75 100
77 32.8 26.2 39.4
110 42.0 33.6 50.4

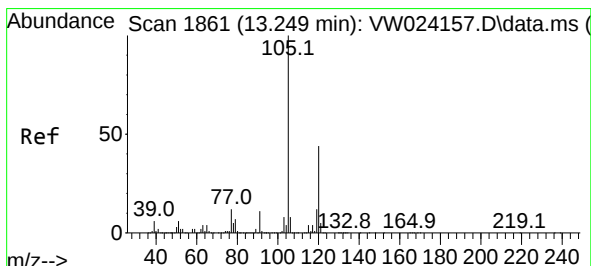
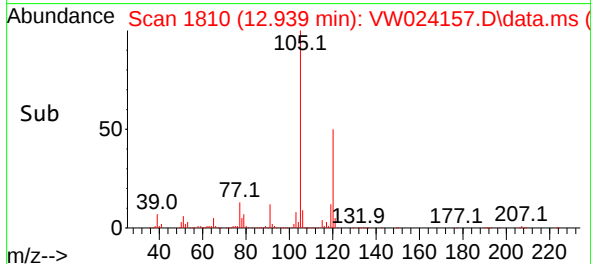
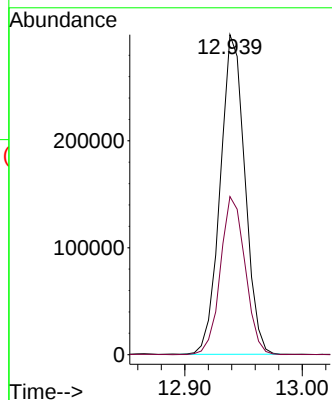
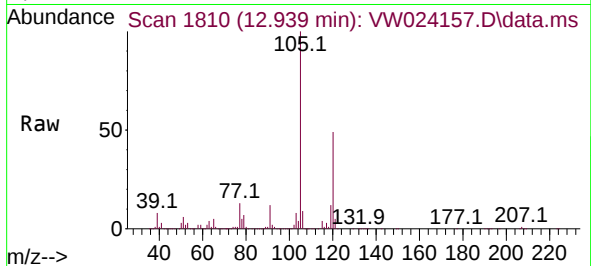




#62
 1,3,5-Trimethylbenzene
 Concen: 25.451 ug/L
 RT: 12.939 min Scan# 1810
 Delta R.T. 0.000 min
 Lab File: VW024157.D
 Acq: 04 Aug 2022 10:10

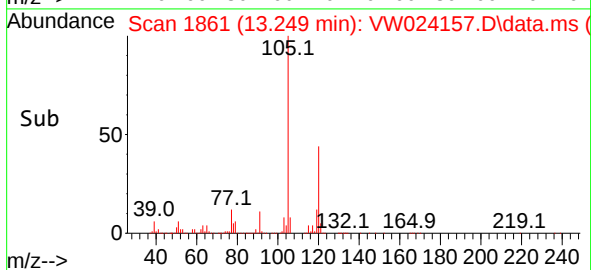
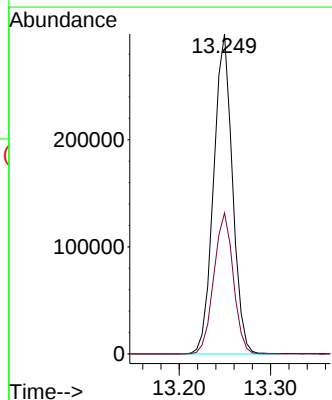
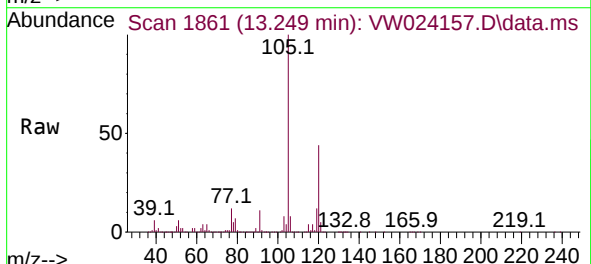
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025409

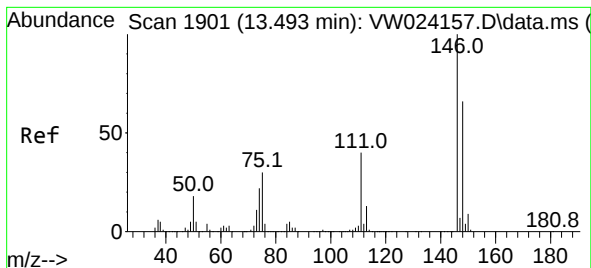
Tgt Ion:105 Resp: 436031
 Ion Ratio Lower Upper
 105 100
 120 49.6 39.7 59.5



#63
 1,2,4-Trimethylbenzene
 Concen: 25.356 ug/L
 RT: 13.249 min Scan# 1861
 Delta R.T. 0.000 min
 Lab File: VW024157.D
 Acq: 04 Aug 2022 10:10

Tgt Ion:105 Resp: 427833
 Ion Ratio Lower Upper
 105 100
 120 45.5 36.4 54.6





#64

1,3-Dichlorobenzene

Concen: 23.781 ug/L

RT: 13.493 min Scan# 1901

Delta R.T. 0.000 min

Lab File: VW024157.D

Acq: 04 Aug 2022 10:10

Instrument :

MSVOA_W

ClientSampleId :

VSTD025409

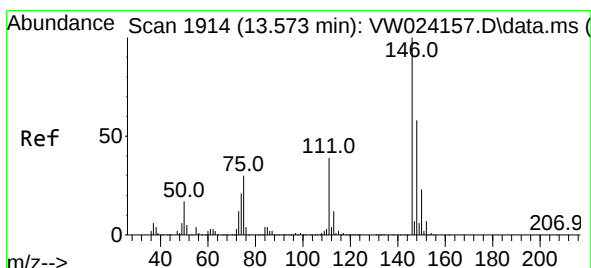
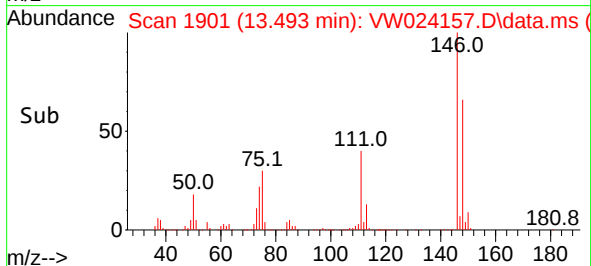
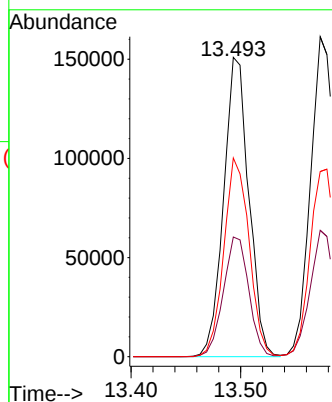
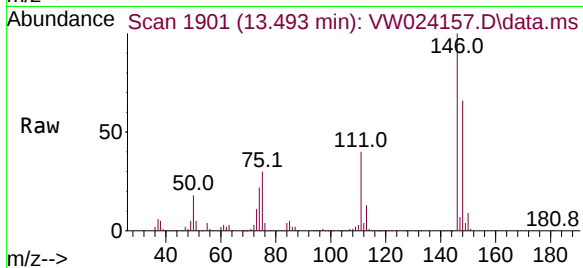
Tgt Ion:146 Resp: 241422

Ion Ratio Lower Upper

146 100

111 40.0 28.0 52.0

148 66.4 46.5 86.3



#65

1,4-Dichlorobenzene

Concen: 24.028 ug/L

RT: 13.573 min Scan# 1914

Delta R.T. 0.000 min

Lab File: VW024157.D

Acq: 04 Aug 2022 10:10

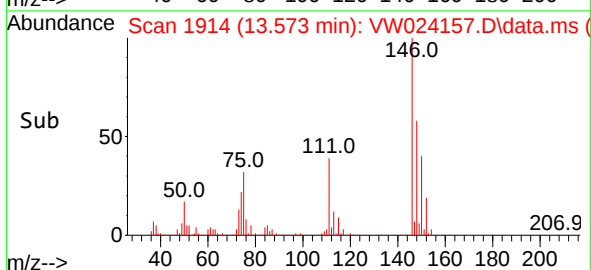
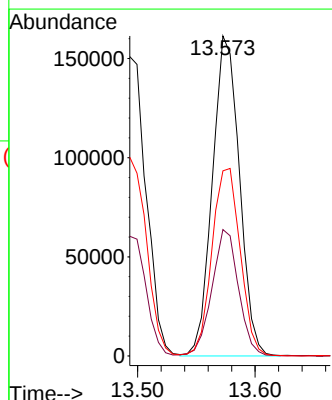
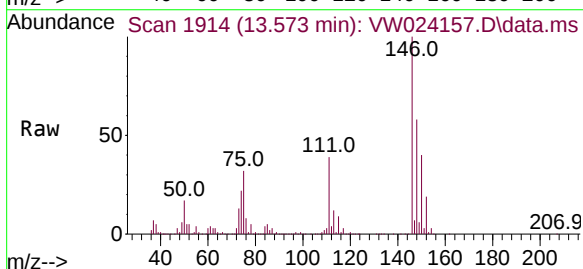
Tgt Ion:146 Resp: 258304

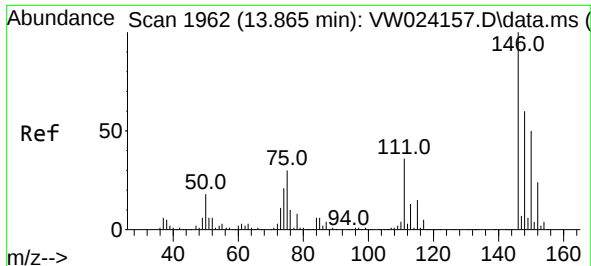
Ion Ratio Lower Upper

146 100

111 39.5 27.6 51.4

148 57.9 40.5 75.3





#67

1,2-Dichlorobenzene

Concen: 24.323 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW024157.D

Acq: 04 Aug 2022 10:10

Instrument :

MSVOA_W

ClientSampleId :

VSTD025409

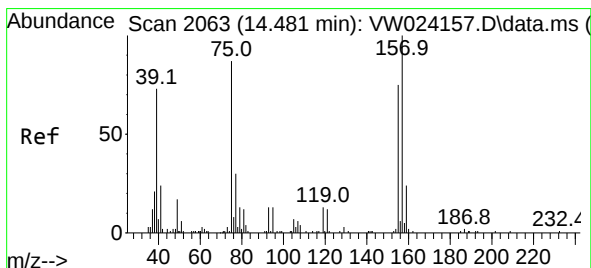
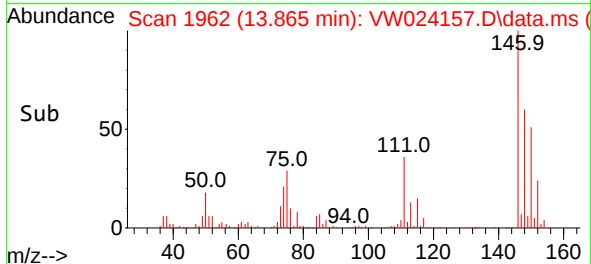
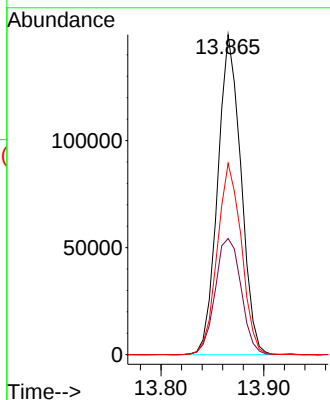
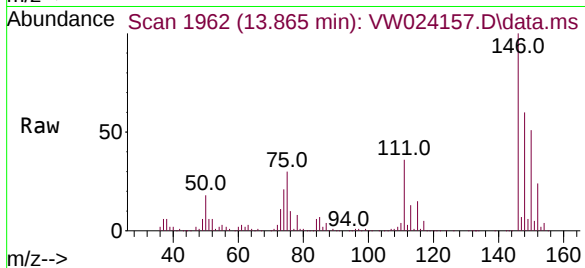
Tgt Ion:146 Resp: 234479

Ion Ratio Lower Upper

146 100

111 36.3 29.0 43.6

148 59.8 47.8 71.8



#68

1,2-Dibromo-3-chloropropane

Concen: 22.027 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW024157.D

Acq: 04 Aug 2022 10:10

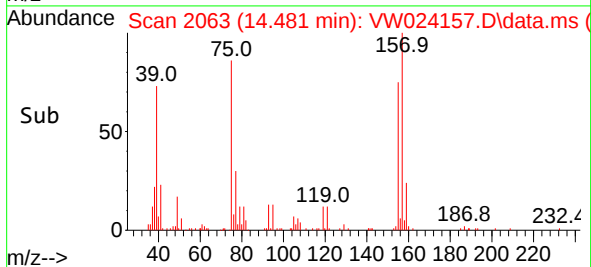
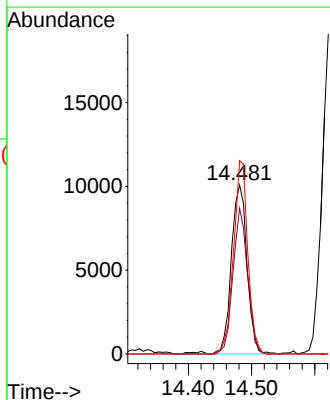
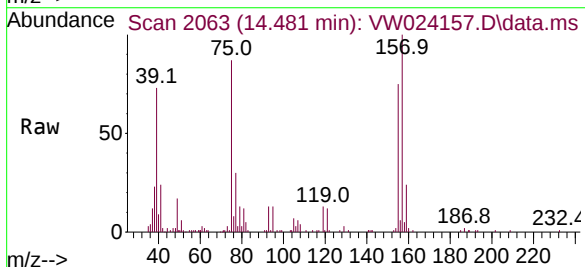
Tgt Ion: 75 Resp: 17540

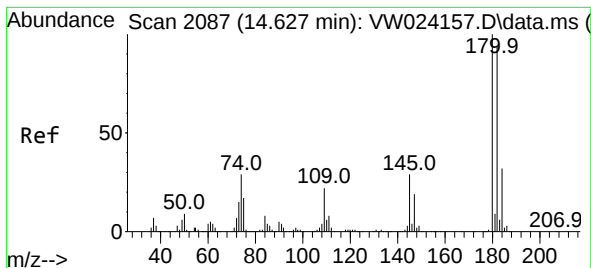
Ion Ratio Lower Upper

75 100

155 86.0 68.8 103.2

157 114.4 91.5 137.3





#69

1,3,5-Trichlorobenzene

Concen: 24.215 ug/L

RT: 14.627 min Scan# 2087

Delta R.T. 0.000 min

Lab File: VW024157.D

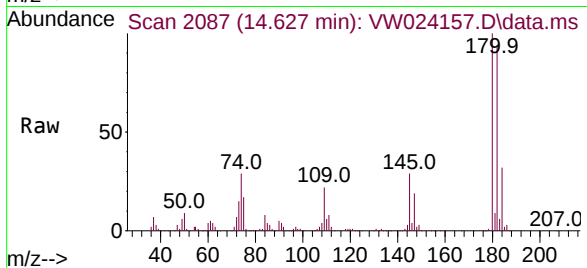
Acq: 04 Aug 2022 10:10

Instrument :

MSVOA_W

ClientSampleId :

VSTD025409



Tgt Ion:180 Resp: 161199

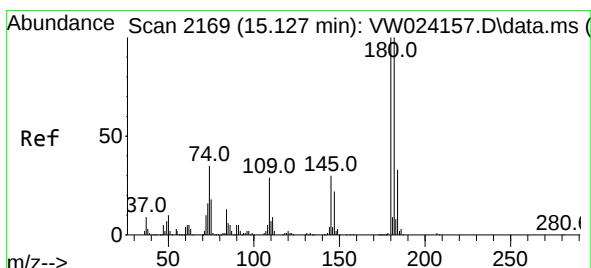
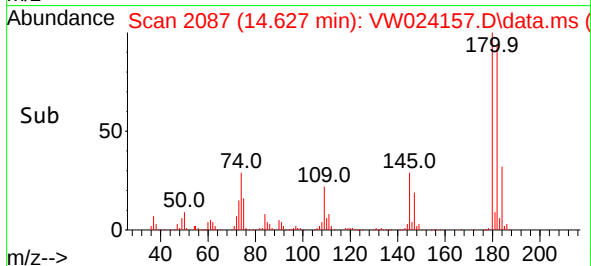
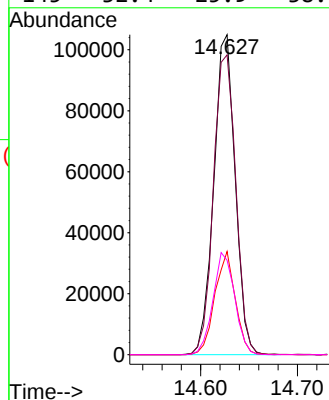
Ion Ratio Lower Upper

180 100

182 98.0 78.4 117.6

184 30.9 24.7 37.1

145 32.4 25.9 38.9



#70

1,2,4-trichlorobenzene

Concen: 24.084 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. 0.000 min

Lab File: VW024157.D

Acq: 04 Aug 2022 10:10

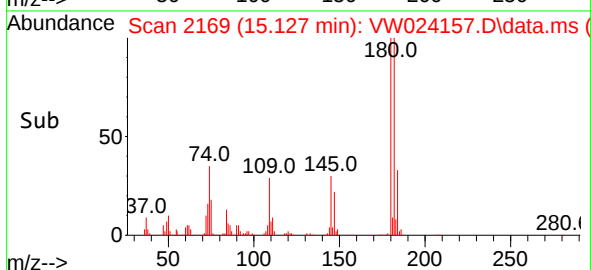
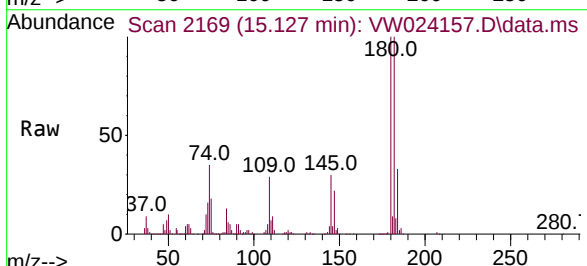
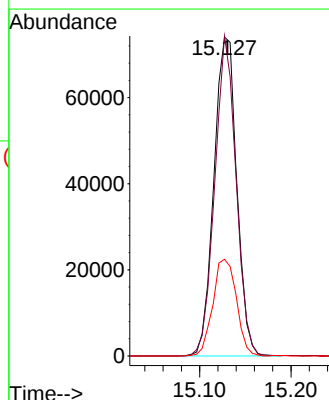
Tgt Ion:180 Resp: 128393

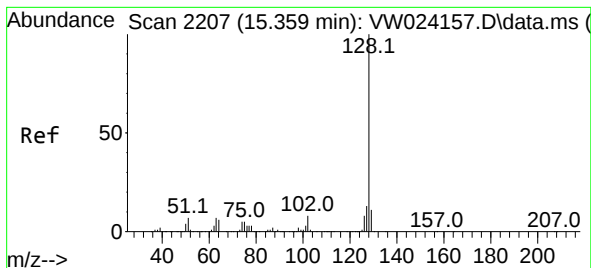
Ion Ratio Lower Upper

180 100

182 93.7 75.0 112.4

145 31.4 25.1 37.7





#71

Naphthalene

Concen: 25.886 ug/L

RT: 15.359 min Scan# 21

Delta R.T. 0.000 min

Lab File: VW024157.D

Acq: 04 Aug 2022 10:10

Instrument :

MSVOA_W

ClientSampleId :

VSTD025409

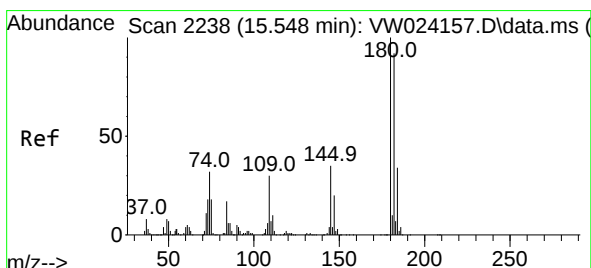
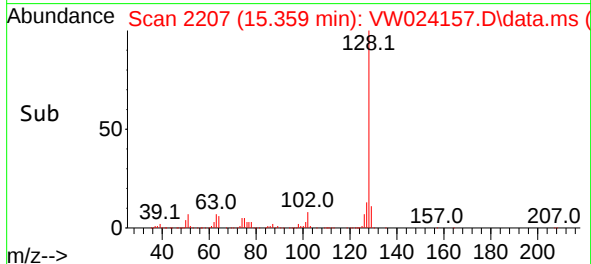
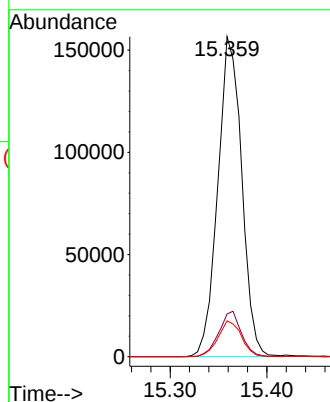
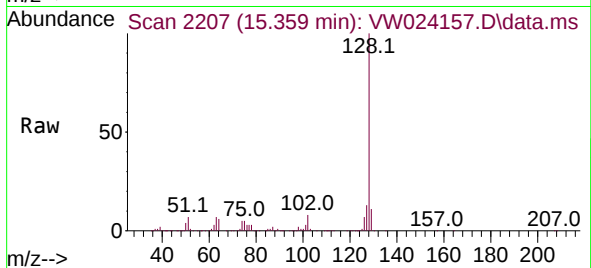
Tgt Ion:128 Resp: 268801

Ion Ratio Lower Upper

128 100

127 13.4 10.7 16.1

129 11.0 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 24.426 ug/L

RT: 15.548 min Scan# 2238

Delta R.T. 0.000 min

Lab File: VW024157.D

Acq: 04 Aug 2022 10:10

Tgt Ion:180 Resp: 118553

Ion Ratio Lower Upper

180 100

182 94.3 75.4 113.2

145 33.6 26.9 40.3

