

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
 Data File : VW024155.D
 Acq On : 04 Aug 2022 09:21
 Operator : SY/VA
 Sample : VSTD2.507
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.5407

Quant Time: Aug 05 00:25:22 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	305549	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	295444	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	149012	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.337	65	15292	2.394	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	9.560%#
7) Chloroethane-d5	2.873	69	8618	2.166	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	8.680%#
11) 1,1-Dichloroethene-d2	4.013	63	18452	2.535	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	10.160%#
21) 2-Butanone-d5	7.080	46	5457	4.214	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	8.420%#
24) Chloroform-d	7.647	84	24255	2.624	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	10.480%#
26) 1,2-Dichloroethane-d4	8.305	65	14132	2.753	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	11.000%#
32) Benzene-d6	8.269	84	44218	2.538	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	10.160%#
36) 1,2-Dichloropropane-d6	9.268	67	13253	2.576	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	10.320%#
41) Toluene-d8	10.323	98	39007	2.395	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	9.600%#
43) trans-1,3-Dichloroprop...	10.579	79	5205	2.310	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	9.240%#
47) 2-Hexanone-d5	10.927	63	3822	4.023	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	8.040%#
56) 1,1,2,2-Tetrachloroeth...	12.689	84	12527	2.510	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	10.040%#
66) 1,2-Dichlorobenzene-d4	13.853	152	13729	2.518	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	10.080%#
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.001	85	5172	1.924	ug/L #	88
3) Chloromethane	2.209	50	12047	2.390	ug/L	93
5) Vinyl chloride	2.349	62	17170	2.447	ug/L	98
6) Bromomethane	2.757	94	10375	2.578	ug/L	95
8) Chloroethane	2.910	64	6333	2.060	ug/L	90
9) Trichlorofluoromethane	3.239	101	9122	2.742	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.044	101	6364	1.418	ug/L #	27
12) 1,1-Dichloroethene	4.025	96	8329	2.267	ug/L	96
13) Acetone	4.129	43	5480	6.196	ug/L	100
14) Carbon disulfide	4.379	76	28670	2.439	ug/L	99
15) Methyl Acetate	4.672	43	3846	2.024	ug/L	98
16) Methylene chloride	4.909	84	19537	3.626	ug/L	97
17) trans-1,2-Dichloroethene	5.409	96	5255	1.235	ug/L #	72
18) Methyl tert-butyl Ether	5.415	73	12763	2.110	ug/L #	70
19) 1,1-Dichloroethane	6.214	63	18572	2.485	ug/L	99
20) cis-1,2-Dichloroethene	7.165	96	11487	2.462	ug/L #	91
22) 2-Butanone	7.244	43	316	0.209	ug/L	98
23) Bromochloromethane	7.513	128	5771	2.487	ug/L	90
25) Chloroform	7.671	83	21041	2.555	ug/L	98

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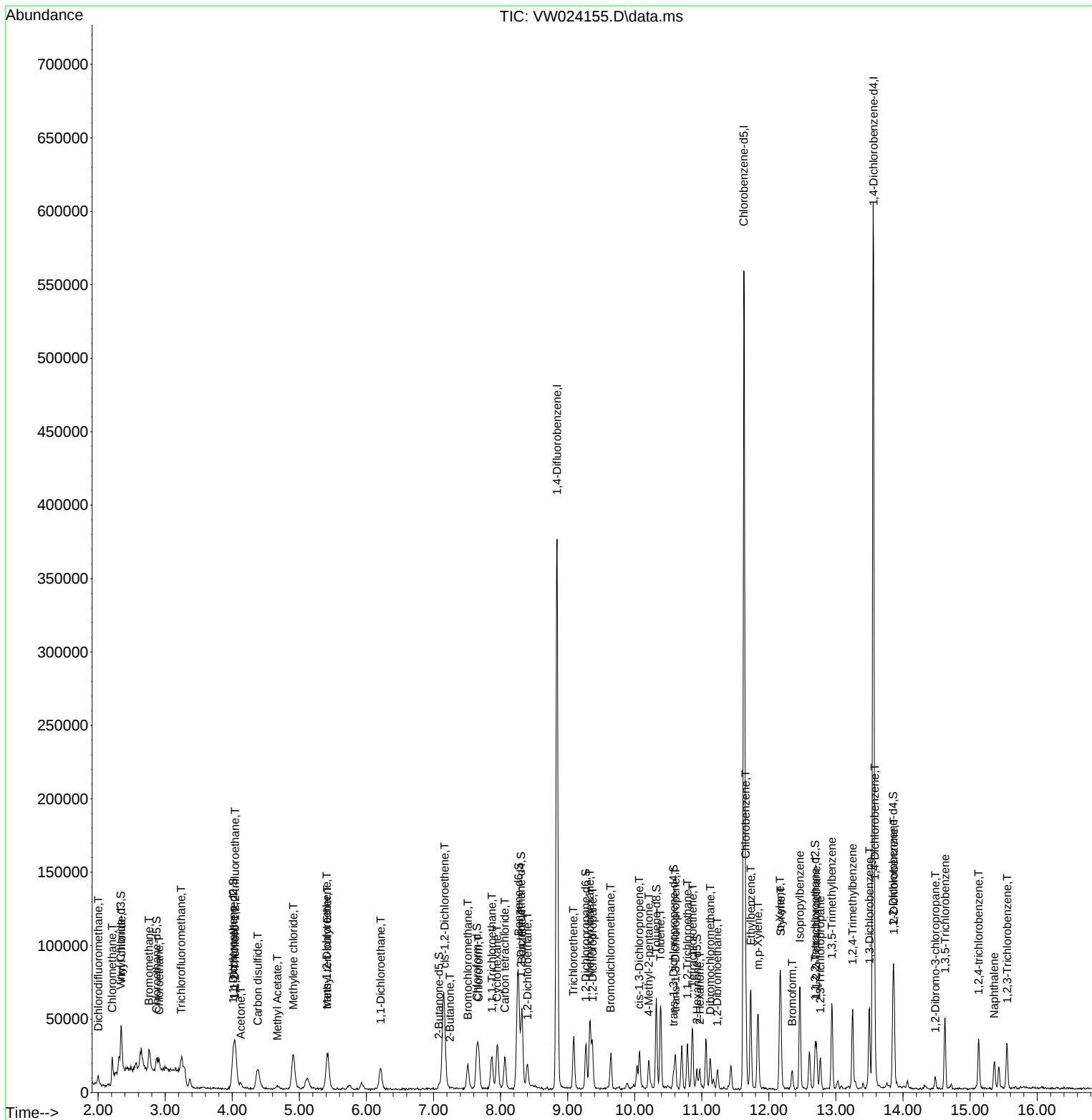
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 Quant Title : SFAM01.0
 QLast Update : Fri Aug 05 00:24:31 2022
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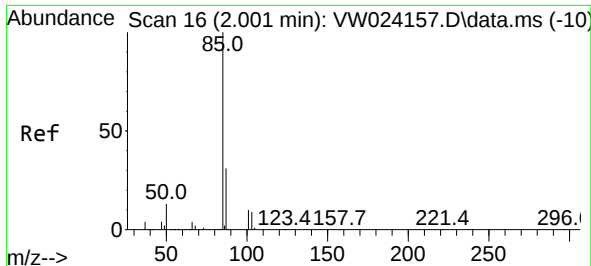
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	13590	2.453	ug/L	98
29) Cyclohexane	7.945	56	12825	2.117	ug/L	97
30) 1,1,1-Trichloroethane	7.872	97	16331	2.451	ug/L	98
31) Carbon tetrachloride	8.061	117	15240	2.425	ug/L	99
33) Benzene	8.317	78	43019	2.465	ug/L	100
34) Trichloroethene	9.085	95	11646	2.525	ug/L	90
35) Methylcyclohexane	9.329	83	15836	2.190	ug/L	95
37) 1,2-Dichloropropane	9.372	63	10527	2.440	ug/L #	96
38) Bromodichloromethane	9.640	83	14610	2.415	ug/L	97
39) cis-1,3-Dichloropropene	10.067	75	13824	2.178	ug/L	94
40) 4-Methyl-2-pentanone	10.207	43	12306	4.299	ug/L	98
42) Toluene	10.384	91	40758	2.198	ug/L	97
44) trans-1,3-Dichloropropene	10.610	75	11920	2.056	ug/L	88
45) 1,1,2-Trichloroethane	10.786	97	9011	2.479	ug/L	96
46) Tetrachloroethene	10.866	164	8591	2.301	ug/L	97
48) 2-Hexanone	10.969	43	7771	4.000	ug/L	95
49) Dibromochloromethane	11.128	129	9985	2.281	ug/L	99
50) 1,2-Dibromoethane	11.231	107	7971	2.288	ug/L	99
51) Chlorobenzene	11.652	112	30743	2.427	ug/L	94
52) Ethylbenzene	11.731	91	43767	2.154	ug/L	97
53) m,p-Xylene	11.841	106	16814	2.126	ug/L	97
54) o-Xylene	12.164	106	14778	1.978	ug/L	98
55) Styrene	12.176	104	23872	1.837	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.707	83	10808	2.379	ug/L	96
59) Bromoform	12.347	173	5347	2.352	ug/L #	97
60) Isopropylbenzene	12.463	105	38220	2.119	ug/L #	94
61) 1,2,3-Trichloropropane	12.768	75	7787	2.626	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	28888	1.938	ug/L	95
63) 1,2,4-Trimethylbenzene	13.249	105	28516	1.942	ug/L	98
64) 1,3-Dichlorobenzene	13.499	146	21336	2.415	ug/L	89
65) 1,4-Dichlorobenzene	13.579	146	23226	2.483	ug/L	92
67) 1,2-Dichlorobenzene	13.865	146	19512	2.326	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	1949	2.813	ug/L #	75
69) 1,3,5-Trichlorobenzene	14.627	180	13780	2.379	ug/L	93
70) 1,2,4-trichlorobenzene	15.127	180	9570	2.063	ug/L	99
71) Naphthalene	15.359	128	14968	1.657	ug/L #	95
72) 1,2,3-Trichlorobenzene	15.554	180	8617	2.040	ug/L	97

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

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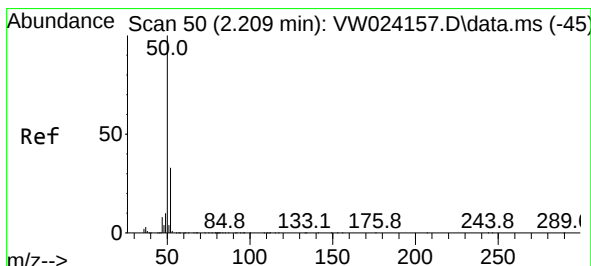
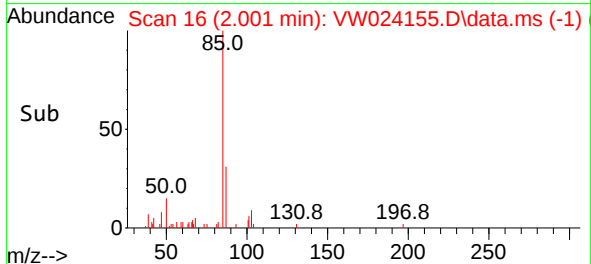
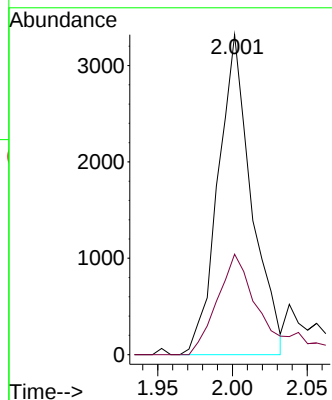
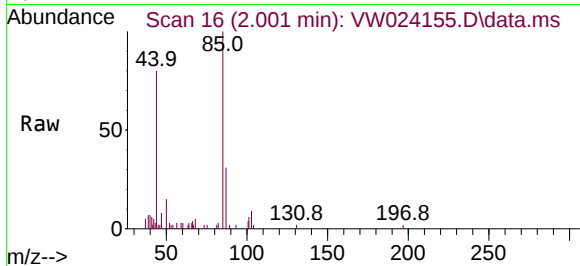




#2
 Dichlorodifluoromethane
 Concen: 1.924 ug/L
 RT: 2.001 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: VW024155.D
 Acq: 04 Aug 2022 09:21

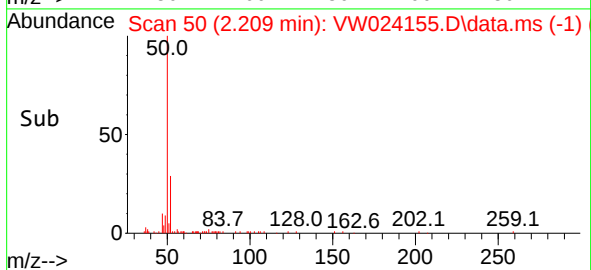
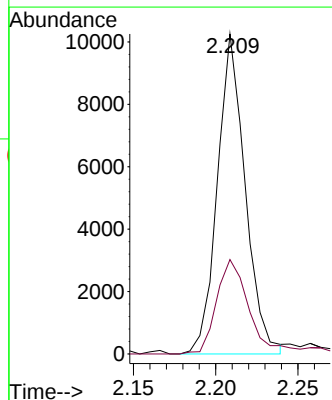
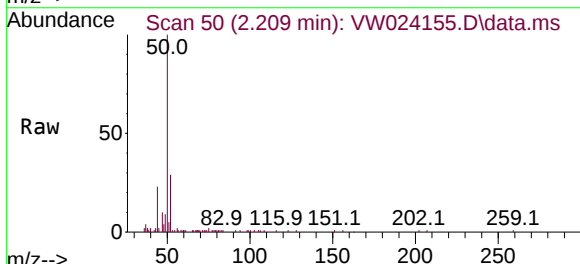
Instrument :
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 ClientSampleId :
 VSTD2.5407

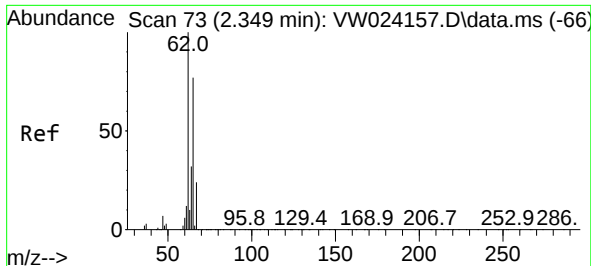
Tgt Ion: 85 Resp: 5172
 Ion Ratio Lower Upper
 85 100
 87 37.3 24.5 36.7#



#3
 Chloromethane
 Concen: 2.390 ug/L
 RT: 2.209 min Scan# 50
 Delta R.T. -0.000 min
 Lab File: VW024155.D
 Acq: 04 Aug 2022 09:21

Tgt Ion: 50 Resp: 12047
 Ion Ratio Lower Upper
 50 100
 52 29.5 23.2 43.2

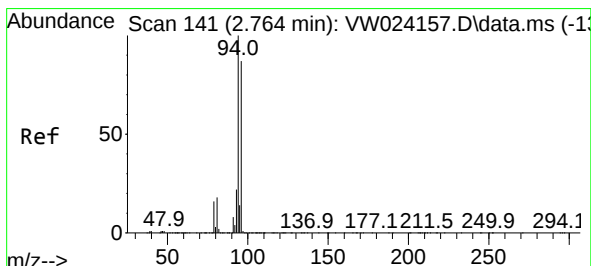
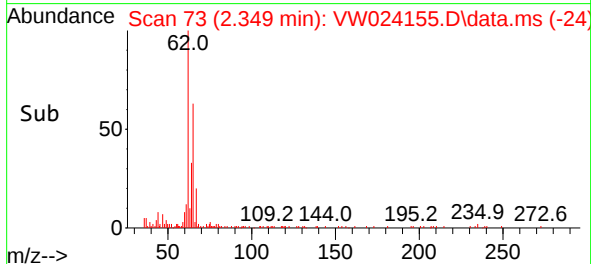
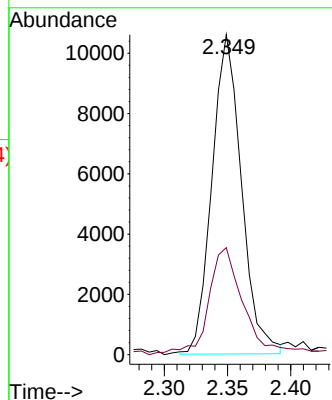
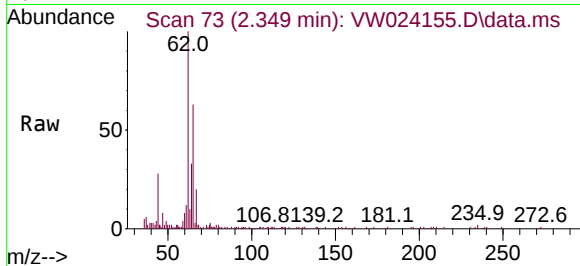




#5
 Vinyl chloride
 Concen: 2.447 ug/L
 RT: 2.349 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VW024155.D
 Acq: 04 Aug 2022 09:21

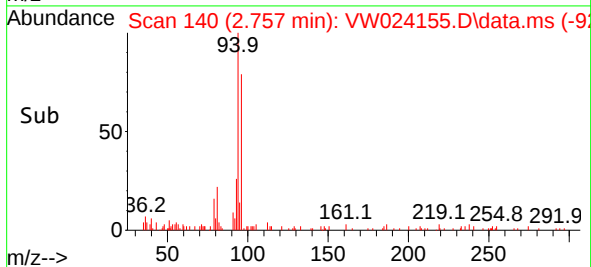
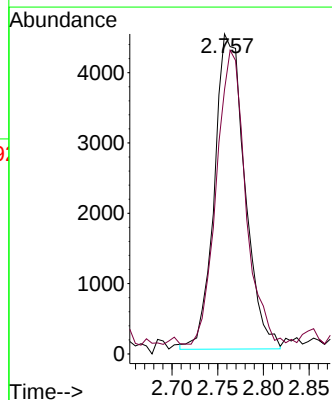
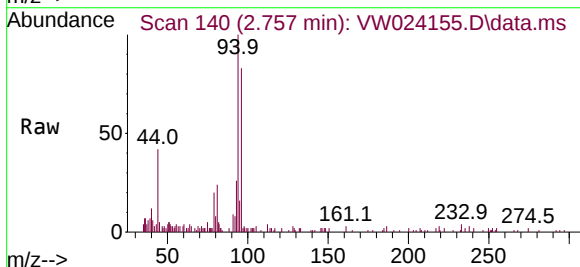
Instrument :
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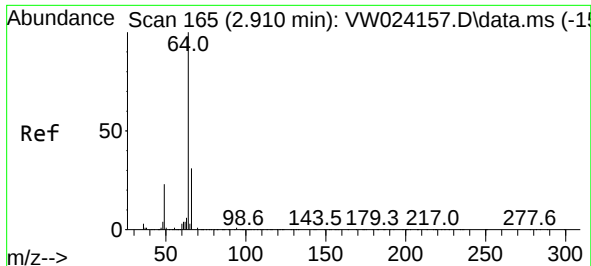
Tgt Ion: 62 Resp: 17170
 Ion Ratio Lower Upper
 62 100
 64 33.4 22.7 42.3



#6
 Bromomethane
 Concen: 2.578 ug/L
 RT: 2.757 min Scan# 140
 Delta R.T. -0.006 min
 Lab File: VW024155.D
 Acq: 04 Aug 2022 09:21

Tgt Ion: 94 Resp: 10375
 Ion Ratio Lower Upper
 94 100
 96 82.6 61.0 113.4

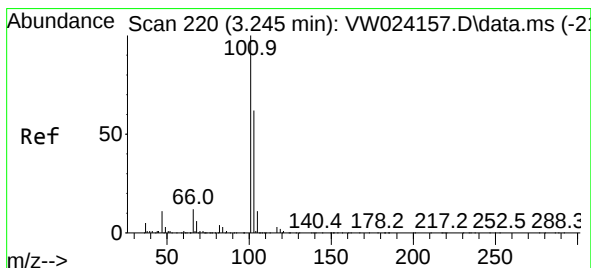
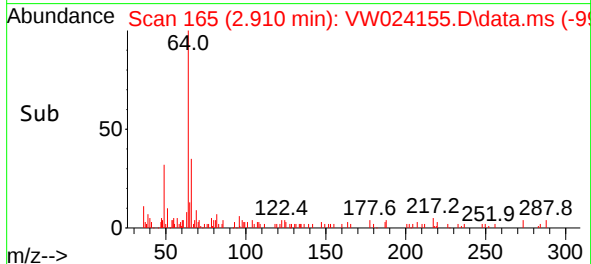
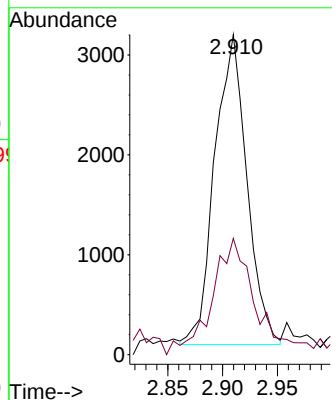
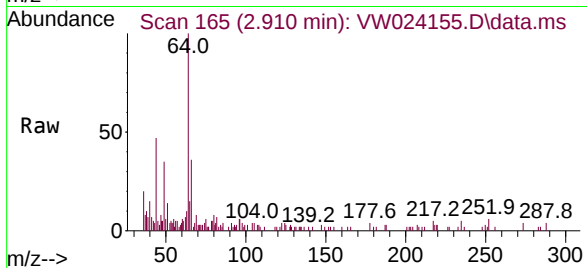




#8
Chloroethane
Concen: 2.060 ug/L
RT: 2.910 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW024155.D
Acq: 04 Aug 2022 09:21

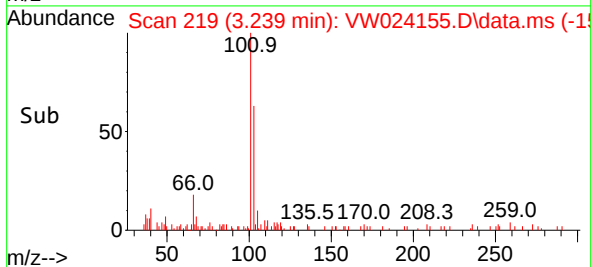
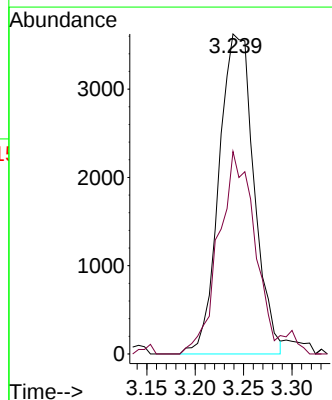
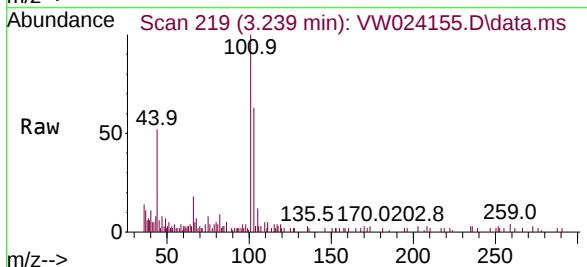
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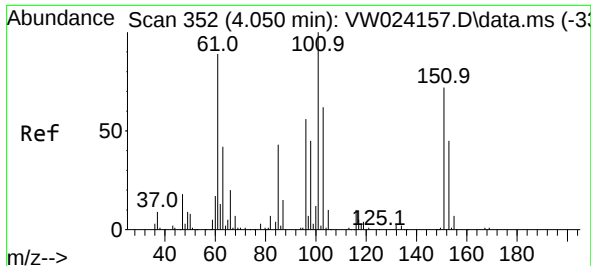
Tgt Ion: 64 Resp: 6333
Ion Ratio Lower Upper
64 100
66 36.4 21.6 40.0



#9
Trichlorofluoromethane
Concen: 2.742 ug/L
RT: 3.239 min Scan# 219
Delta R.T. -0.006 min
Lab File: VW024155.D
Acq: 04 Aug 2022 09:21

Tgt Ion: 101 Resp: 9122
Ion Ratio Lower Upper
101 100
103 64.6 50.5 75.7

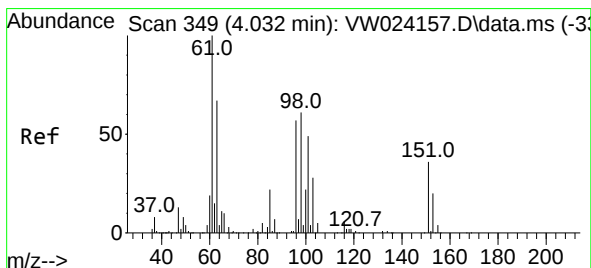
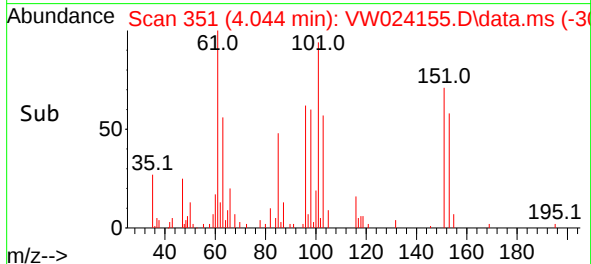
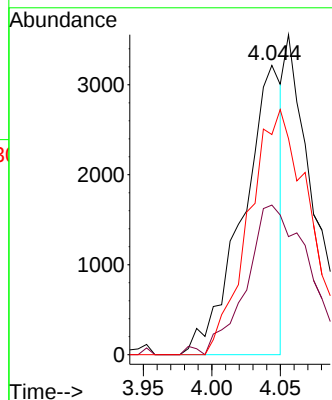
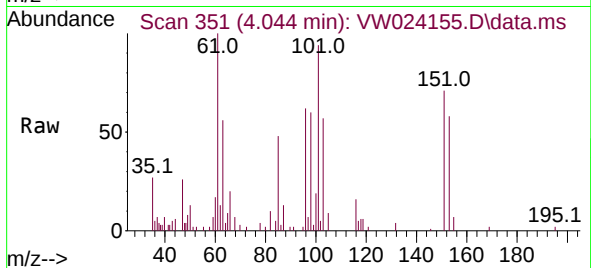




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 1.418 ug/L
 RT: 4.044 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: VW024155.D
 Acq: 04 Aug 2022 09:21

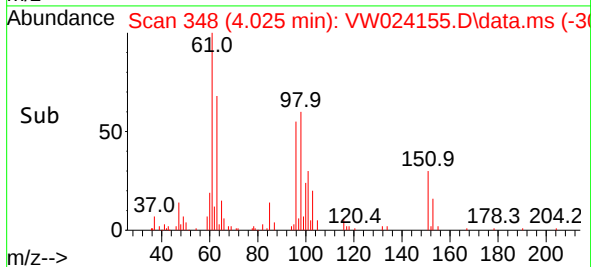
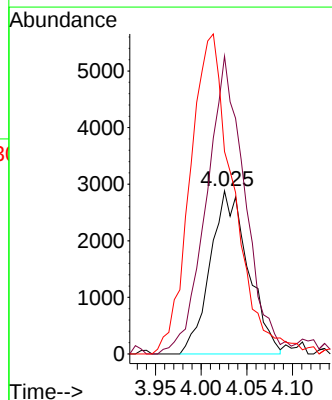
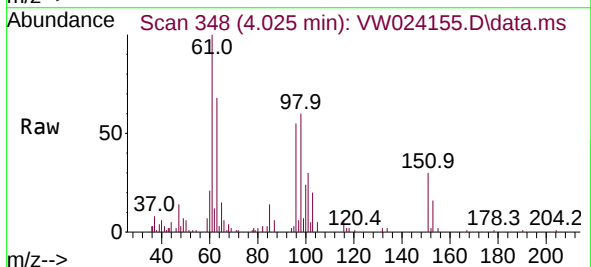
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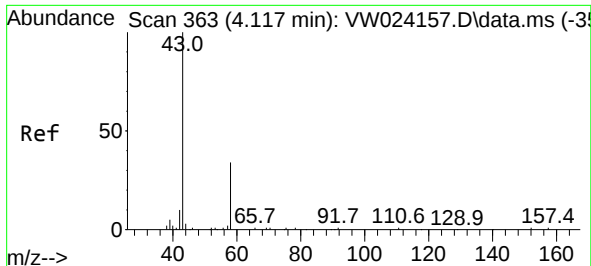
Tgt Ion:101 Resp: 6364
 Ion Ratio Lower Upper
 101 100
 85 86.6 34.9 52.3#
 151 135.2 57.0 85.6#



#12
 1,1-Dichloroethene
 Concen: 2.267 ug/L
 RT: 4.025 min Scan# 348
 Delta R.T. -0.006 min
 Lab File: VW024155.D
 Acq: 04 Aug 2022 09:21

Tgt Ion: 96 Resp: 8329
 Ion Ratio Lower Upper
 96 100
 61 182.7 123.1 228.5
 63 124.2 84.9 157.7

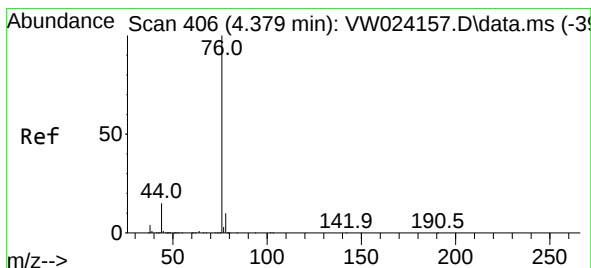
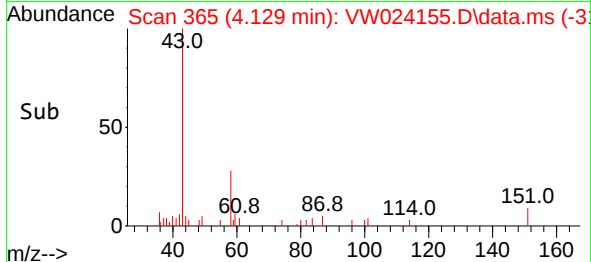
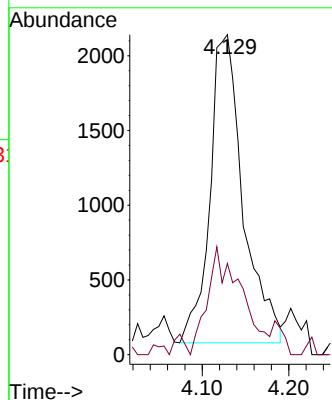
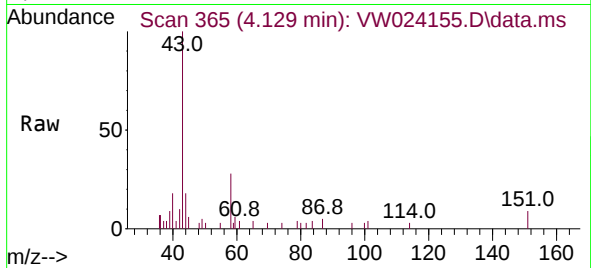




#13
Acetone
Concen: 6.196 ug/L
RT: 4.129 min Scan# 365
Delta R.T. 0.012 min
Lab File: VW024155.D
Acq: 04 Aug 2022 09:21

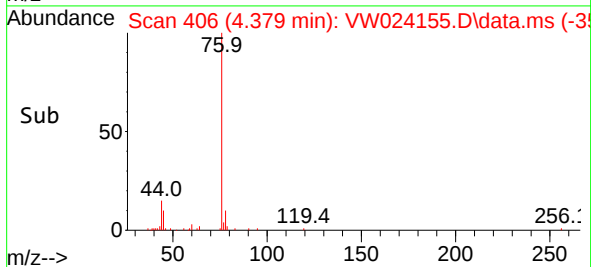
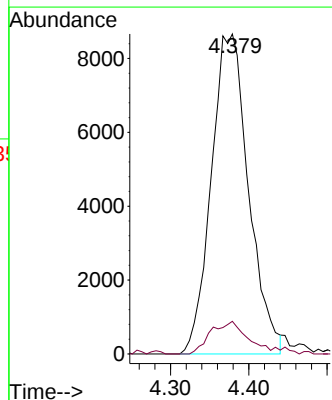
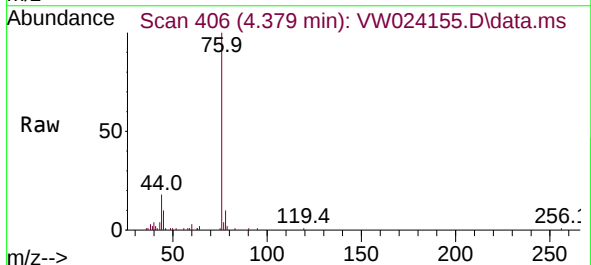
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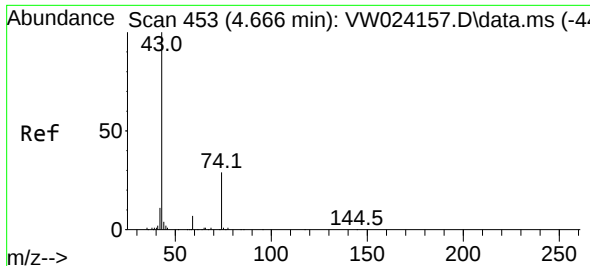
Tgt Ion: 43 Resp: 5480
Ion Ratio Lower Upper
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58 16.1 0.0 31.8



#14
Carbon disulfide
Concen: 2.439 ug/L
RT: 4.379 min Scan# 406
Delta R.T. -0.000 min
Lab File: VW024155.D
Acq: 04 Aug 2022 09:21

Tgt Ion: 76 Resp: 28670
Ion Ratio Lower Upper
76 100
78 10.2 7.9 11.9

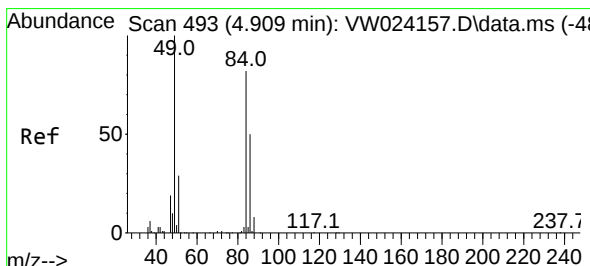
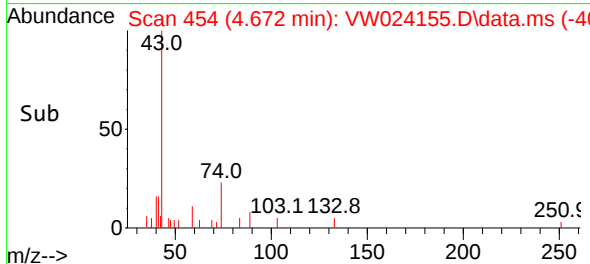
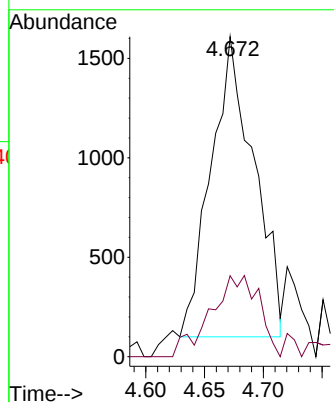
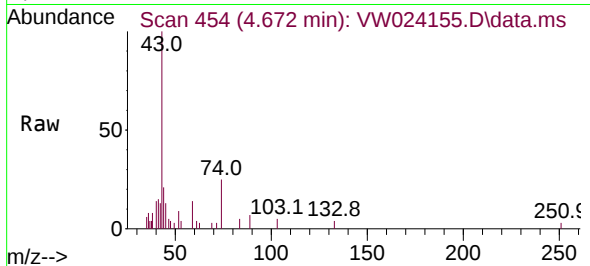




#15
Methyl Acetate
Concen: 2.024 ug/L
RT: 4.672 min Scan# 415
Delta R.T. 0.006 min
Lab File: VW024155.D
Acq: 04 Aug 2022 09:21

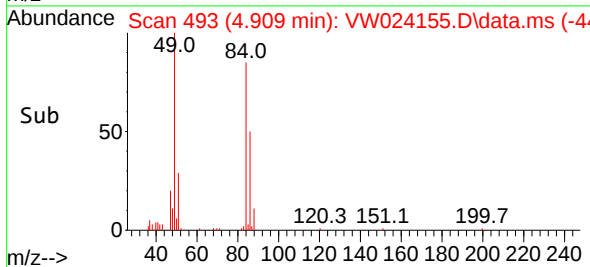
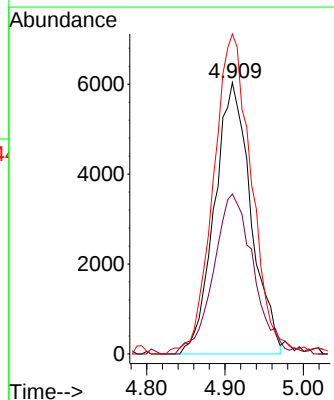
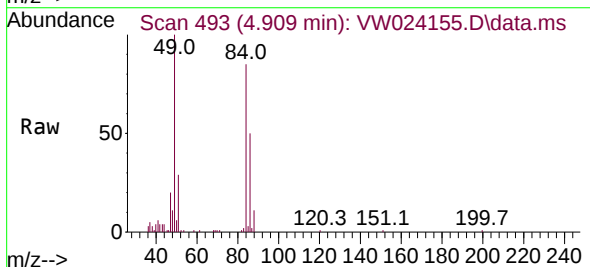
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5407

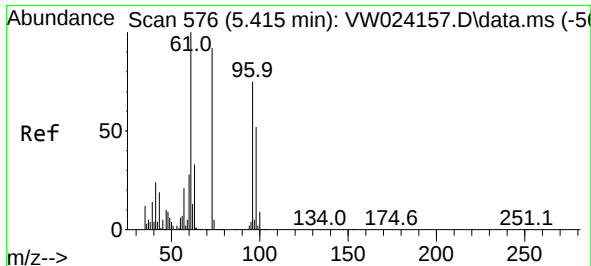
Tgt Ion: 43 Resp: 3846
Ion Ratio Lower Upper
43 100
74 27.8 21.5 32.3



#16
Methylene chloride
Concen: 3.626 ug/L
RT: 4.909 min Scan# 493
Delta R.T. -0.000 min
Lab File: VW024155.D
Acq: 04 Aug 2022 09:21

Tgt Ion: 84 Resp: 19537
Ion Ratio Lower Upper
84 100
86 59.0 42.8 79.6
49 117.9 85.3 158.3

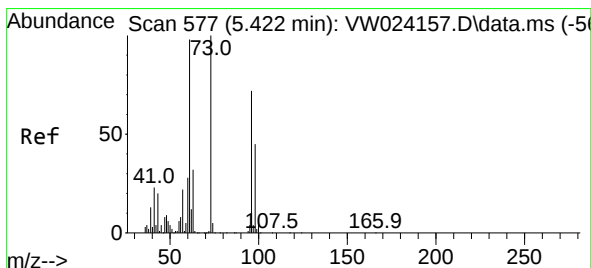
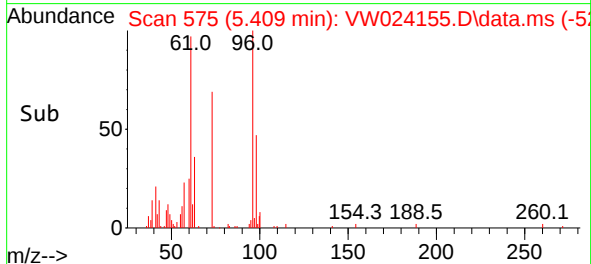
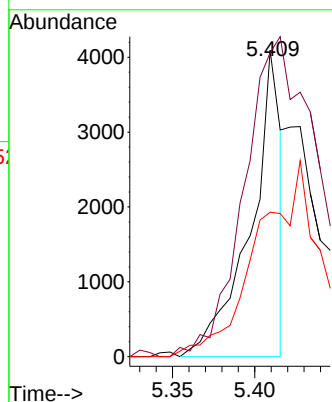
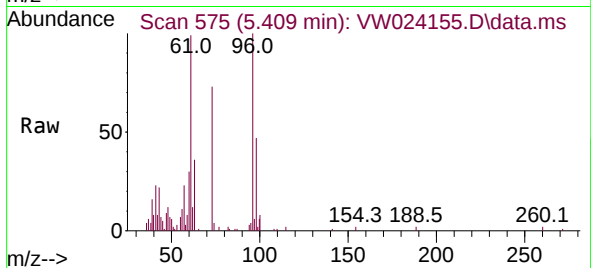




#17
trans-1,2-Dichloroethene
Concen: 1.235 ug/L
RT: 5.409 min Scan# 575
Delta R.T. -0.006 min
Lab File: VW024155.D
Acq: 04 Aug 2022 09:21

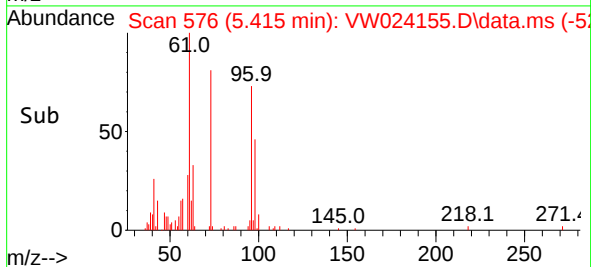
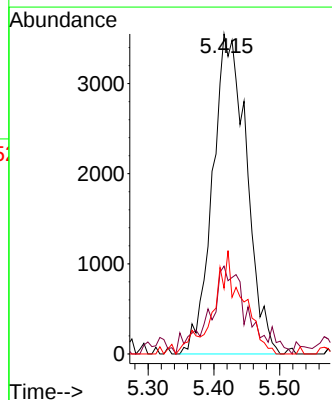
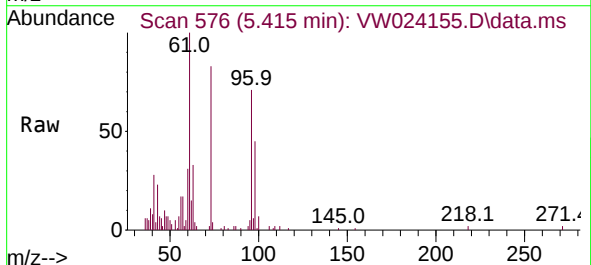
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5407

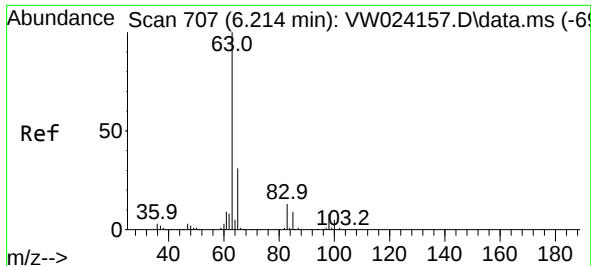
Tgt Ion: 96 Resp: 5255
Ion Ratio Lower Upper
96 100
61 99.2 93.0 172.8
98 47.1 48.5 90.1#



#18
Methyl tert-butyl Ether
Concen: 2.110 ug/L
RT: 5.415 min Scan# 576
Delta R.T. -0.006 min
Lab File: VW024155.D
Acq: 04 Aug 2022 09:21

Tgt Ion: 73 Resp: 12763
Ion Ratio Lower Upper
73 100
43 4.7 16.6 24.8#
57 9.9 17.6 26.4#





#19

1,1-Dichloroethane

Concen: 2.485 ug/L

RT: 6.214 min Scan# 707

Delta R.T. -0.000 min

Lab File: VW024155.D

Acq: 04 Aug 2022 09:21

Instrument :

MSVOA_W

ClientSampleId :

VSTD2.5407

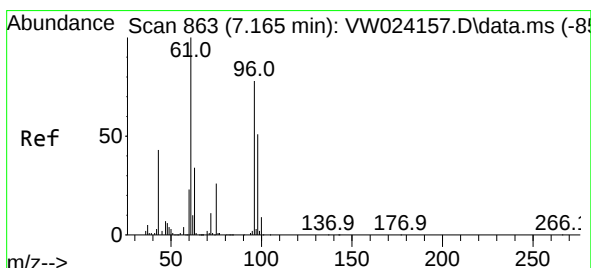
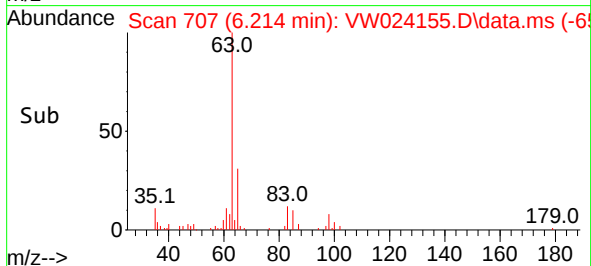
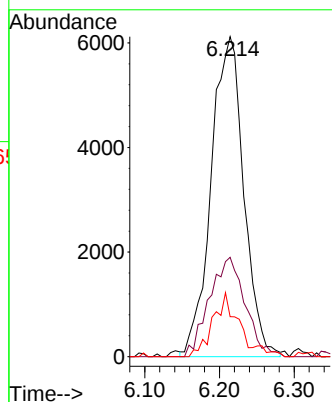
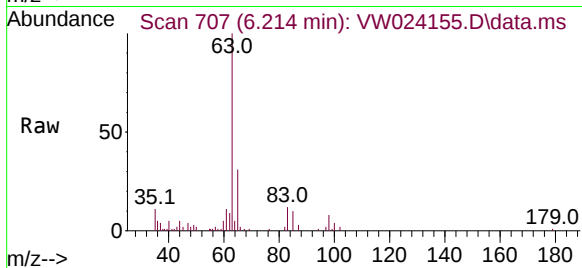
Tgt Ion: 63 Resp: 18572

Ion Ratio Lower Upper

63 100

65 31.1 22.0 41.0

83 12.5 9.2 17.0



#20

cis-1,2-Dichloroethene

Concen: 2.462 ug/L

RT: 7.165 min Scan# 863

Delta R.T. -0.000 min

Lab File: VW024155.D

Acq: 04 Aug 2022 09:21

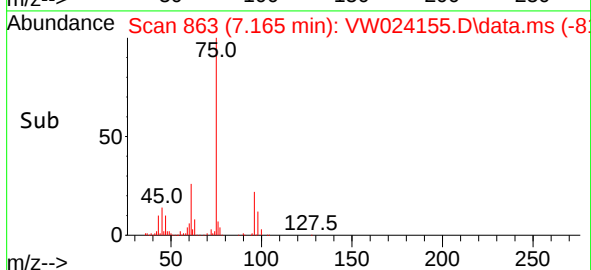
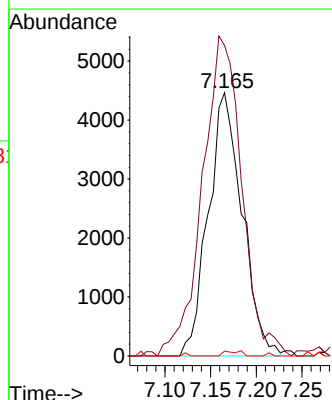
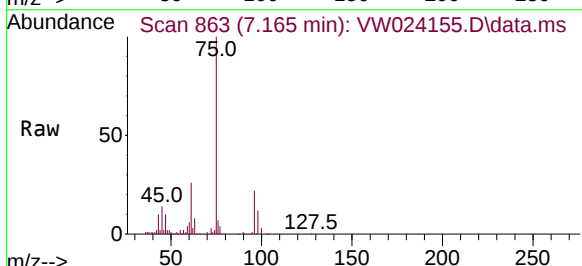
Tgt Ion: 96 Resp: 11487

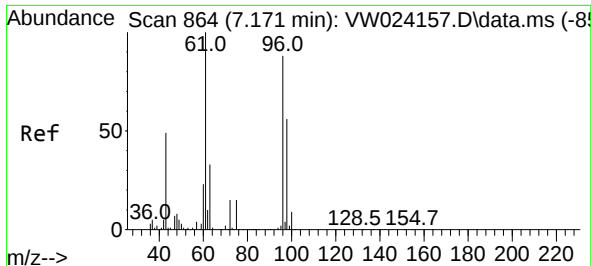
Ion Ratio Lower Upper

96 100

61 118.0 89.5 166.3

68 1.8 0.1 0.1#

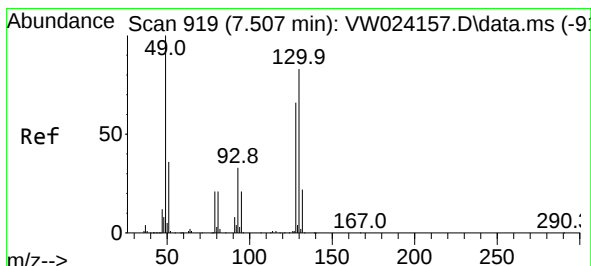
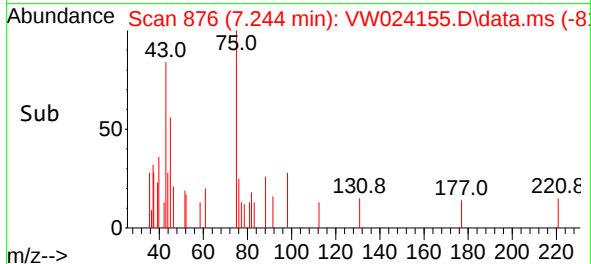
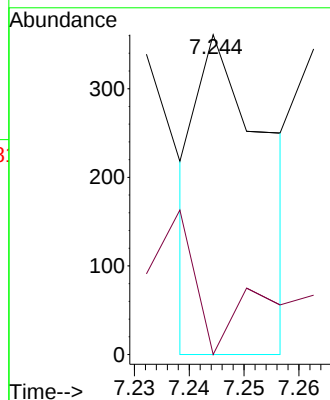
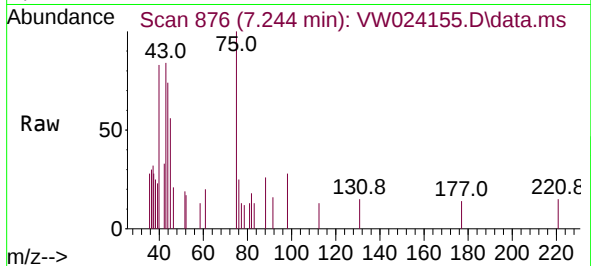




#22
2-Butanone
Concen: 0.209 ug/L
RT: 7.244 min Scan# 81
Delta R.T. 0.073 min
Lab File: VW024155.D
Acq: 04 Aug 2022 09:21

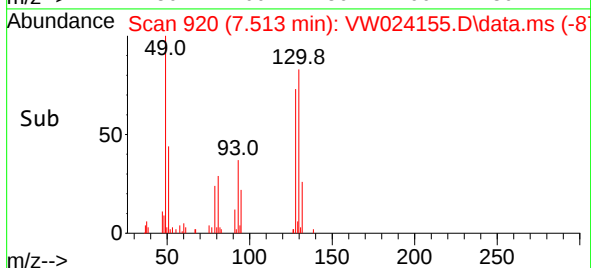
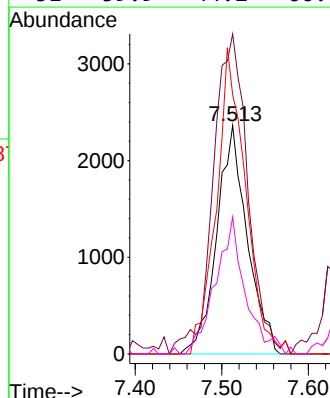
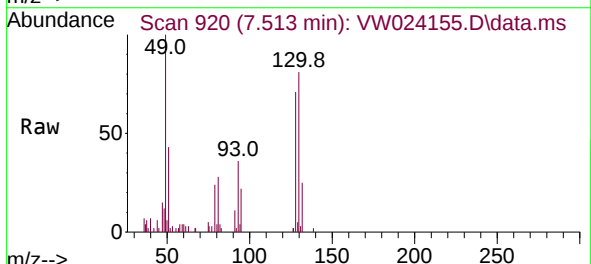
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5407

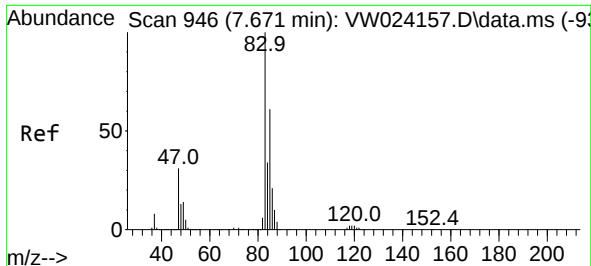
Tgt Ion: 43 Resp: 316
Ion Ratio Lower Upper
43 100
72 29.4 14.3 42.9



#23
Bromochloromethane
Concen: 2.487 ug/L
RT: 7.513 min Scan# 920
Delta R.T. 0.006 min
Lab File: VW024155.D
Acq: 04 Aug 2022 09:21

Tgt Ion: 128 Resp: 5771
Ion Ratio Lower Upper
128 100
49 140.0 106.6 198.0
130 113.3 88.1 163.5
51 59.9 44.2 66.4

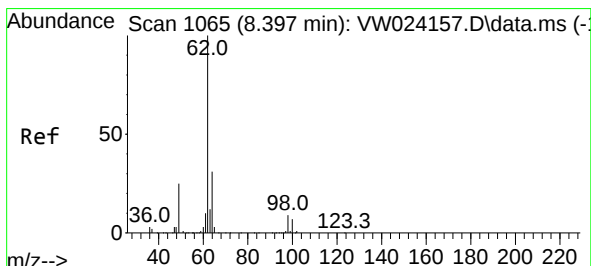
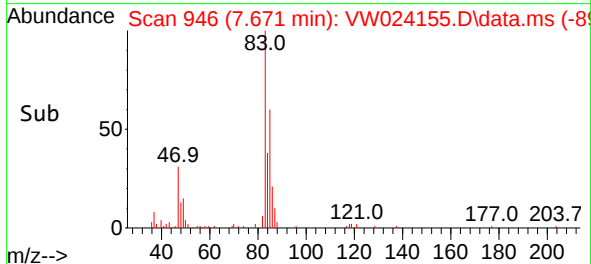
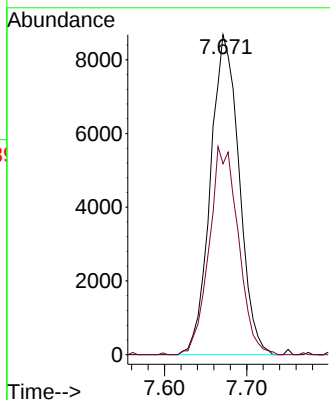
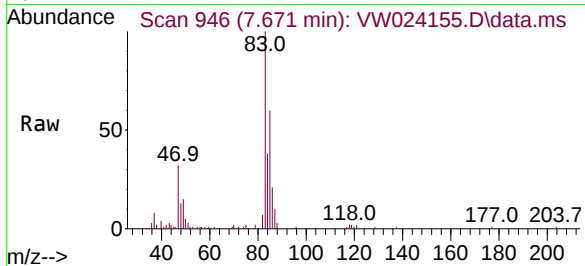




#25
Chloroform
Concen: 2.555 ug/L
RT: 7.671 min Scan# 946
Delta R.T. -0.000 min
Lab File: VW024155.D
Acq: 04 Aug 2022 09:21

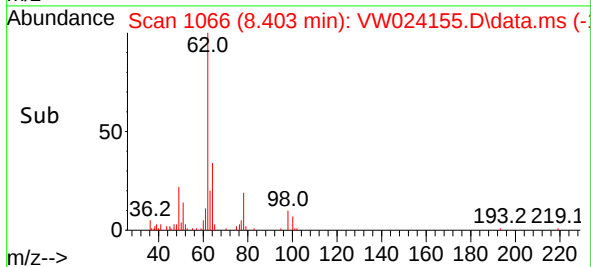
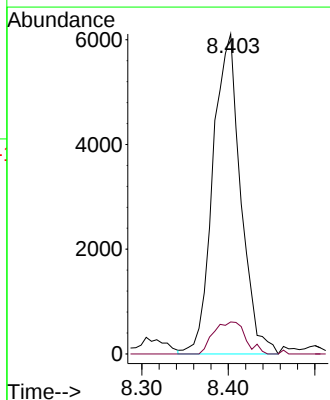
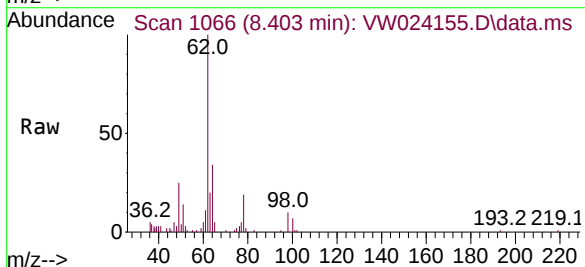
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5407

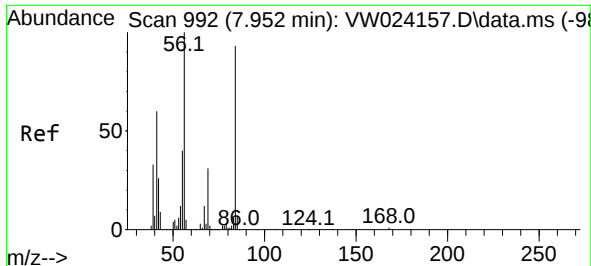
Tgt Ion: 83 Resp: 21041
Ion Ratio Lower Upper
83 100
85 59.7 42.9 79.7



#27
1,2-Dichloroethane
Concen: 2.453 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VW024155.D
Acq: 04 Aug 2022 09:21

Tgt Ion: 62 Resp: 13590
Ion Ratio Lower Upper
62 100
98 10.0 7.4 11.0

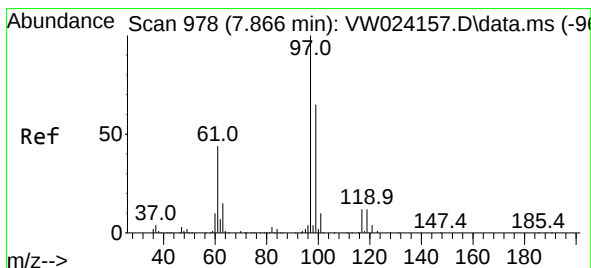
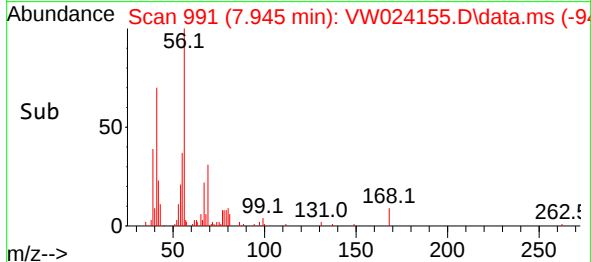
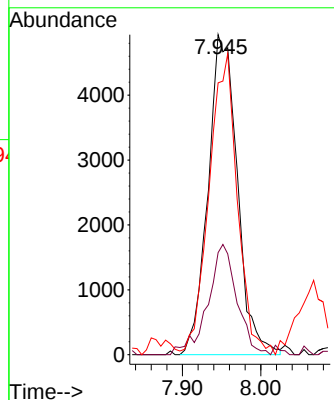
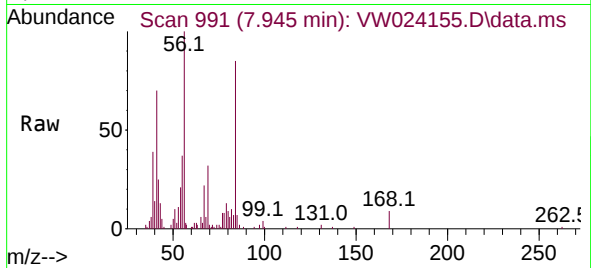




#29
Cyclohexane
Concen: 2.117 ug/L
RT: 7.945 min Scan# 991
Delta R.T. -0.006 min
Lab File: VW024155.D
Acq: 04 Aug 2022 09:21

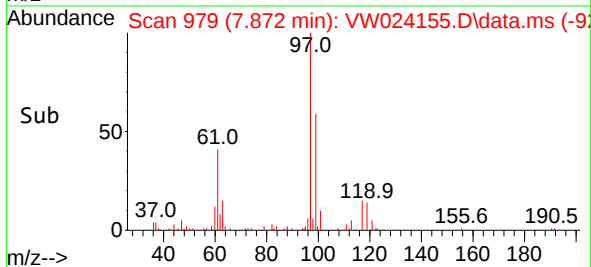
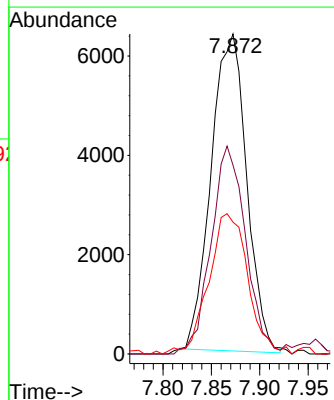
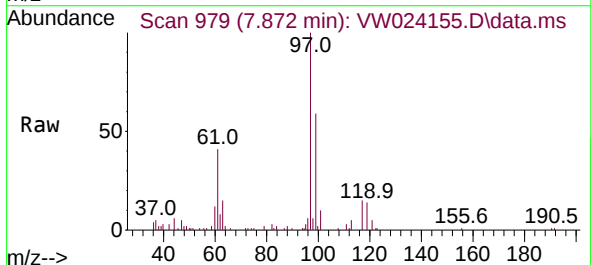
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5407

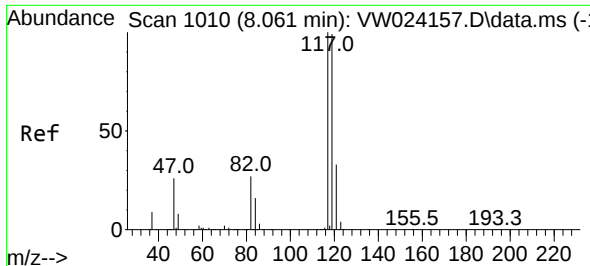
Tgt Ion:	56	Resp:	12825
Ion	Ratio	Lower	Upper
56	100		
69	31.7	24.5	36.7
84	90.9	75.5	113.3



#30
1,1,1-Trichloroethane
Concen: 2.451 ug/L
RT: 7.872 min Scan# 979
Delta R.T. 0.006 min
Lab File: VW024155.D
Acq: 04 Aug 2022 09:21

Tgt Ion:	97	Resp:	16331
Ion	Ratio	Lower	Upper
97	100		
99	63.6	51.0	76.6
61	47.8	36.2	54.2

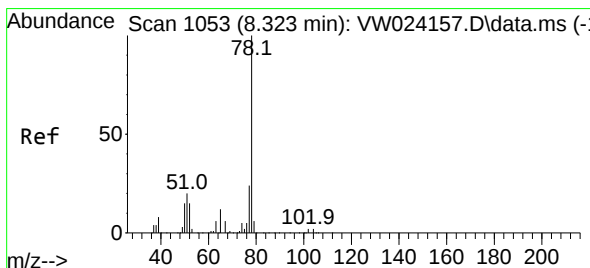
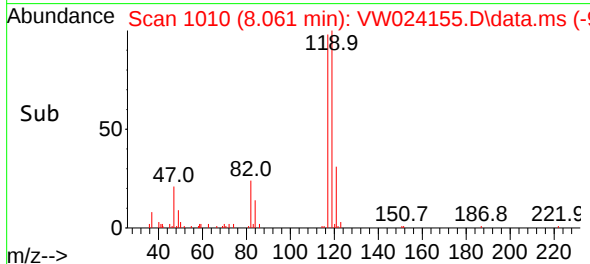
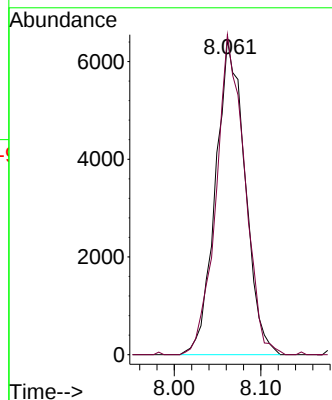
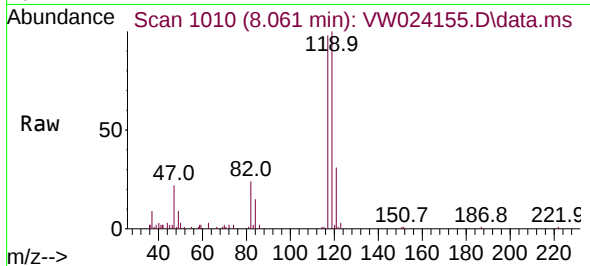




#31
Carbon tetrachloride
Concen: 2.425 ug/L
RT: 8.061 min Scan# 1010
Delta R.T. -0.000 min
Lab File: VW024155.D
Acq: 04 Aug 2022 09:21

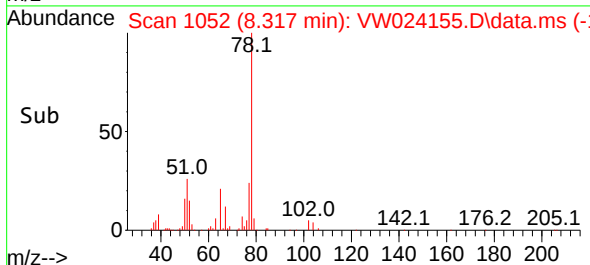
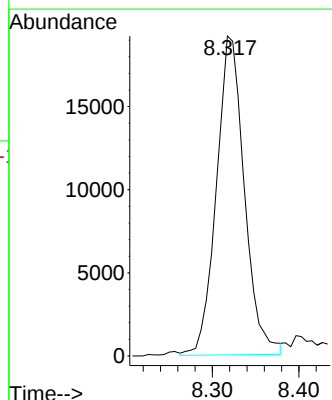
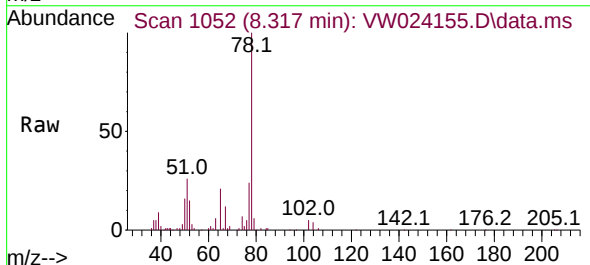
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5407

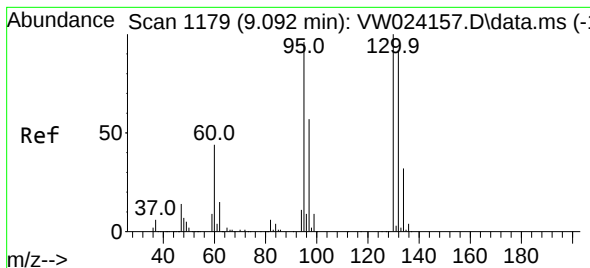
Tgt Ion:117 Resp: 15240
Ion Ratio Lower Upper
117 100
119 98.3 77.8 116.8



#33
Benzene
Concen: 2.465 ug/L
RT: 8.317 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VW024155.D
Acq: 04 Aug 2022 09:21

Tgt Ion: 78 Resp: 43019





#34

Trichloroethene

Concen: 2.525 ug/L

RT: 9.085 min Scan# 1178

Delta R.T. -0.006 min

Lab File: VW024155.D

Acq: 04 Aug 2022 09:21

Instrument :

MSVOA_W

ClientSampleId :

VSTD2.5407

Tgt Ion: 95 Resp: 11646

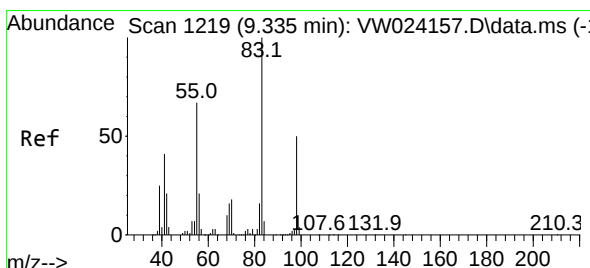
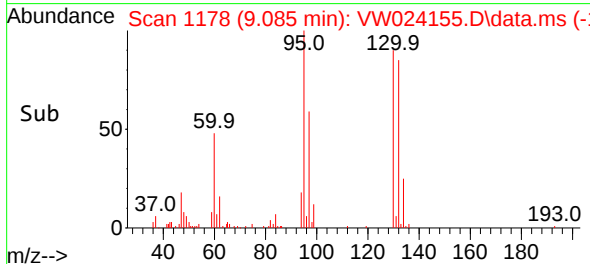
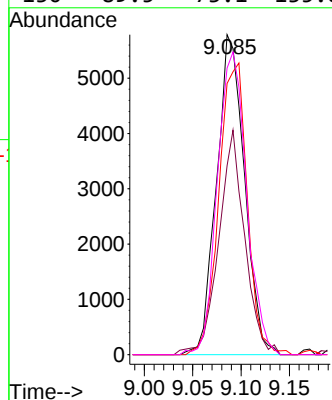
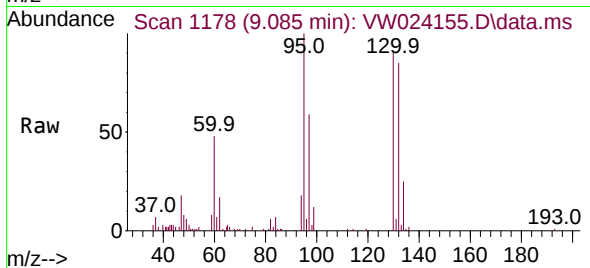
Ion Ratio Lower Upper

95 100

97 59.1 41.6 77.2

132 84.7 67.0 124.4

130 89.5 73.1 135.8



#35

Methylcyclohexane

Concen: 2.190 ug/L

RT: 9.329 min Scan# 1218

Delta R.T. -0.006 min

Lab File: VW024155.D

Acq: 04 Aug 2022 09:21

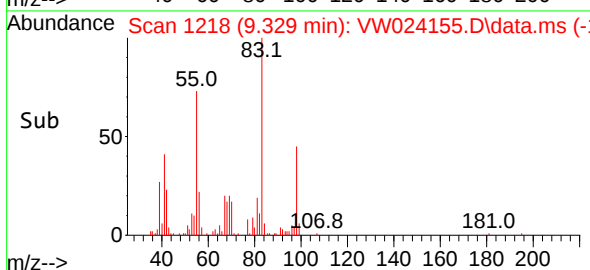
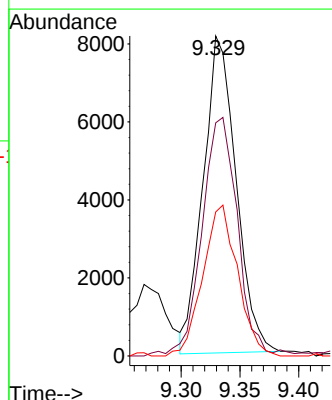
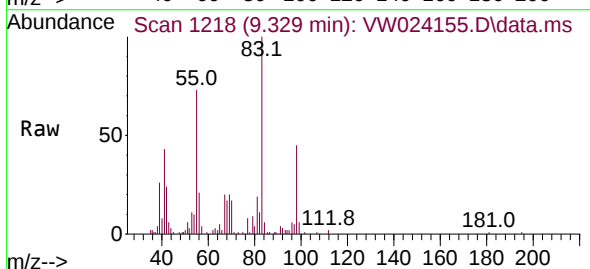
Tgt Ion: 83 Resp: 15836

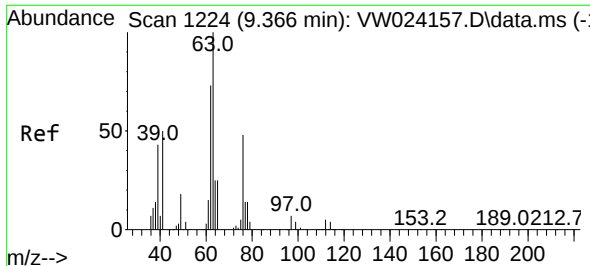
Ion Ratio Lower Upper

83 100

55 80.0 59.1 88.7

98 50.3 40.8 61.2





#37

1,2-Dichloropropane

Concen: 2.440 ug/L

RT: 9.372 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW024155.D

Acq: 04 Aug 2022 09:21

Instrument :

MSVOA_W

ClientSampleId :

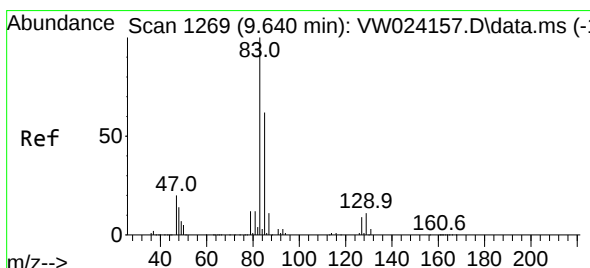
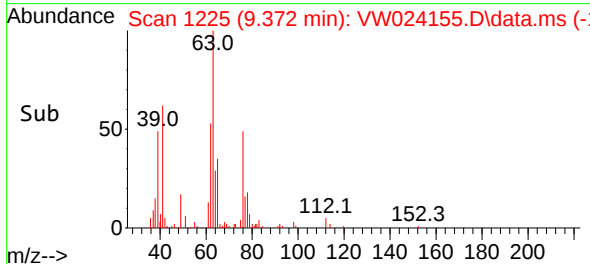
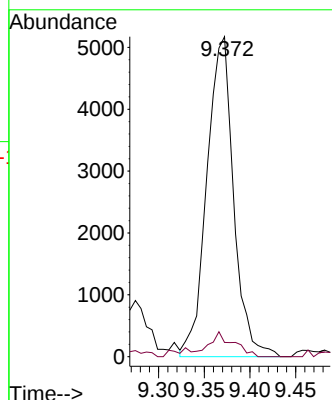
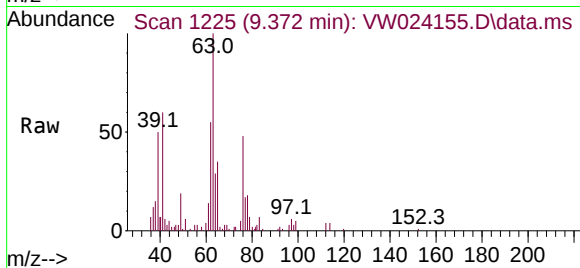
VSTD2.5407

Tgt Ion: 63 Resp: 10527

Ion Ratio Lower Upper

63 100

112 3.3 3.8 5.6#



#38

Bromodichloromethane

Concen: 2.415 ug/L

RT: 9.640 min Scan# 1269

Delta R.T. -0.000 min

Lab File: VW024155.D

Acq: 04 Aug 2022 09:21

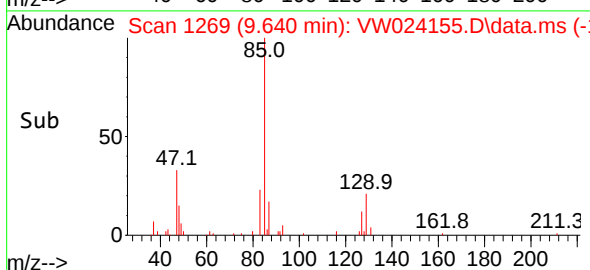
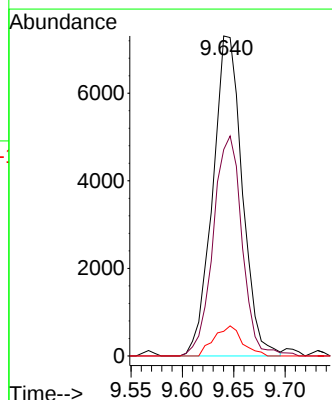
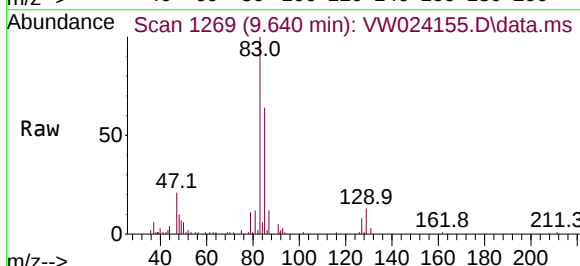
Tgt Ion: 83 Resp: 14610

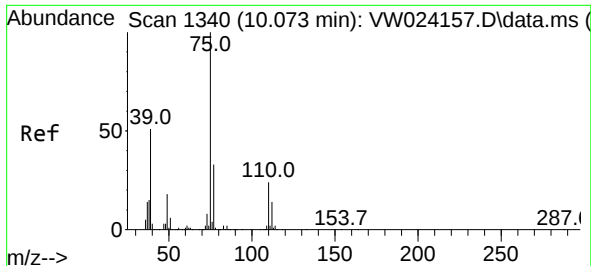
Ion Ratio Lower Upper

83 100

85 64.5 43.7 81.1

127 7.7 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 2.178 ug/L

RT: 10.067 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW024155.D

Acq: 04 Aug 2022 09:21

Instrument :

MSVOA_W

ClientSampleId :

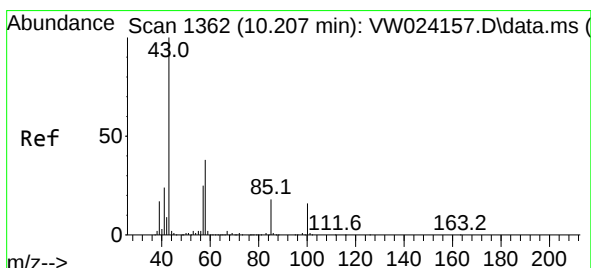
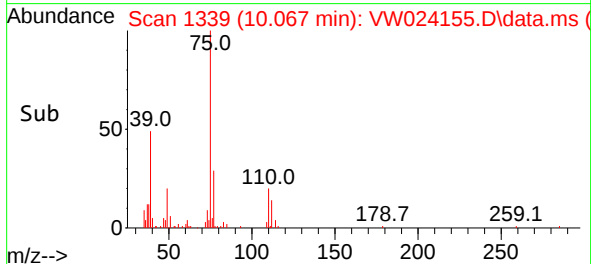
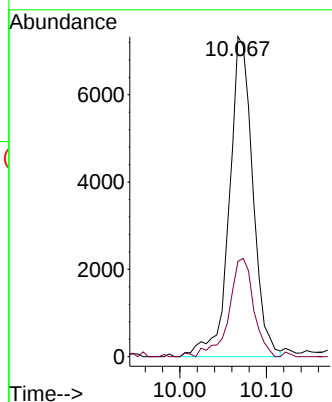
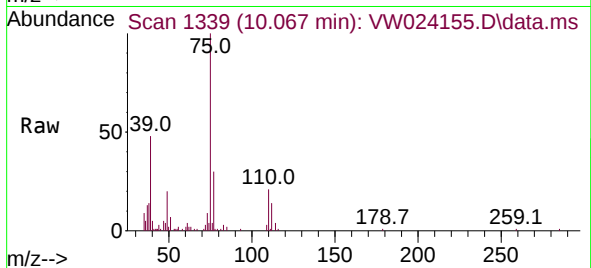
VSTD2.5407

Tgt Ion: 75 Resp: 13824

Ion Ratio Lower Upper

75 100

77 29.8 23.4 43.6



#40

4-Methyl-2-pentanone

Concen: 4.299 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW024155.D

Acq: 04 Aug 2022 09:21

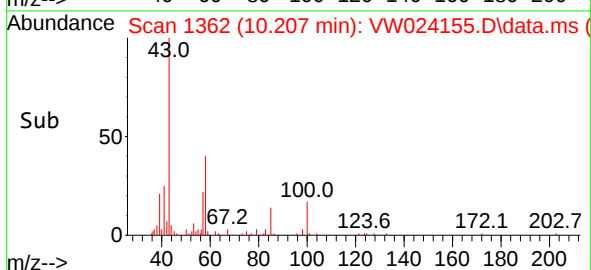
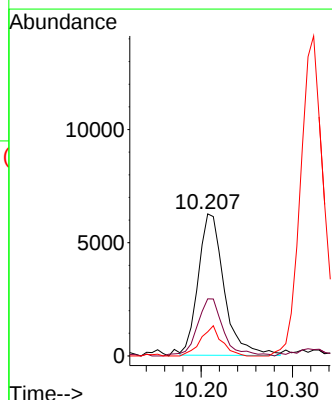
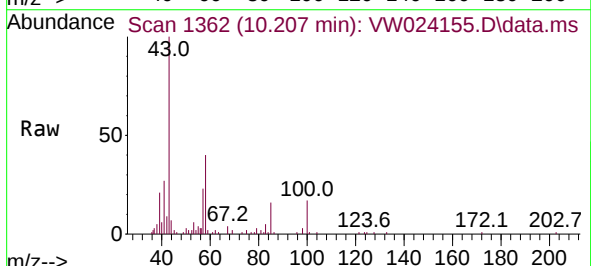
Tgt Ion: 43 Resp: 12306

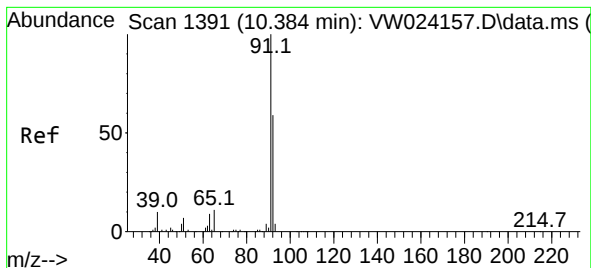
Ion Ratio Lower Upper

43 100

58 39.9 30.5 45.7

100 17.2 13.8 20.6





#42

Toluene

Concen: 2.198 ug/L

RT: 10.384 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW024155.D

Acq: 04 Aug 2022 09:21

Instrument :

MSVOA_W

ClientSampleId :

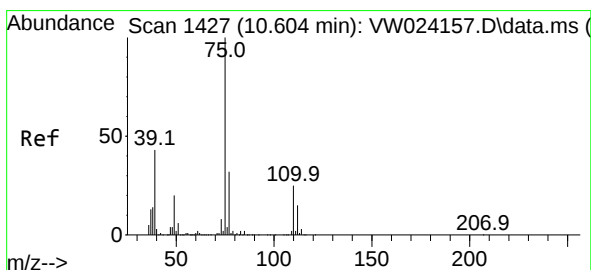
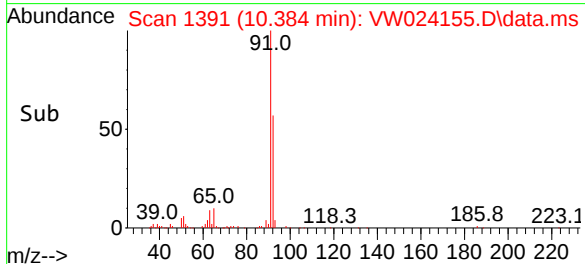
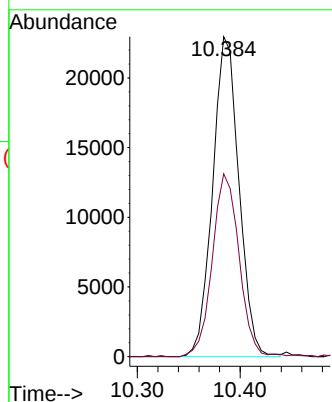
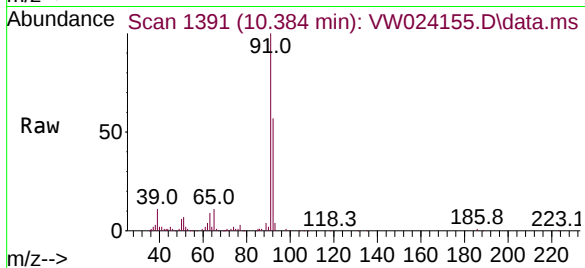
VSTD2.5407

Tgt Ion: 91 Resp: 40758

Ion Ratio Lower Upper

91 100

92 57.2 41.4 77.0



#44

trans-1,3-Dichloropropene

Concen: 2.056 ug/L

RT: 10.610 min Scan# 1428

Delta R.T. 0.006 min

Lab File: VW024155.D

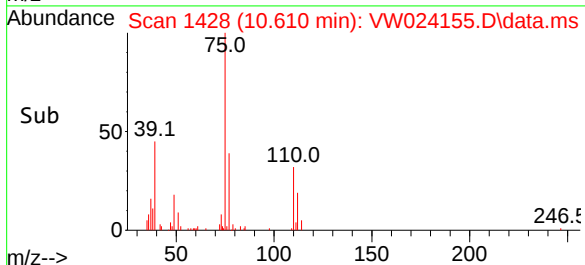
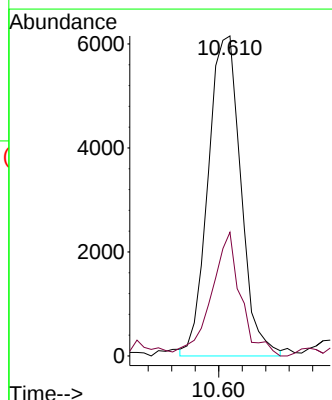
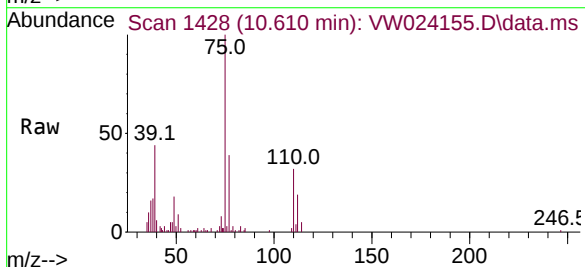
Acq: 04 Aug 2022 09:21

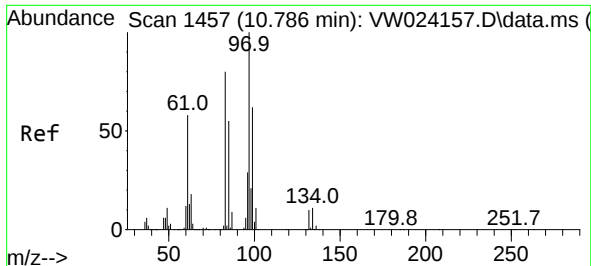
Tgt Ion: 75 Resp: 11920

Ion Ratio Lower Upper

75 100

77 38.7 22.4 41.6

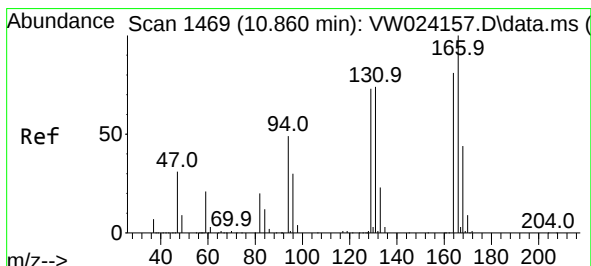
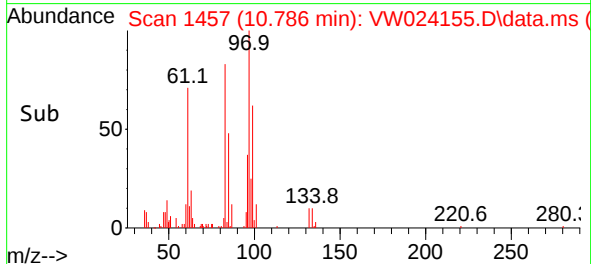
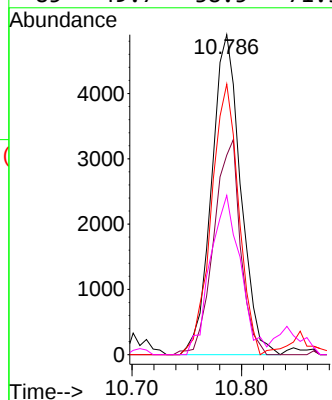
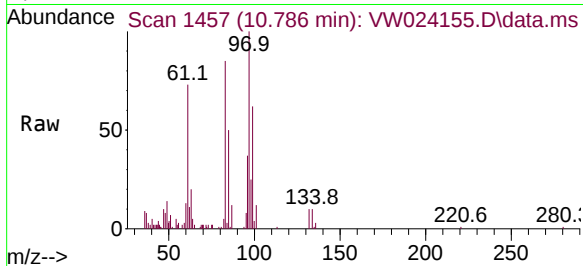




#45
1,1,2-Trichloroethane
Concen: 2.479 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW024155.D
Acq: 04 Aug 2022 09:21

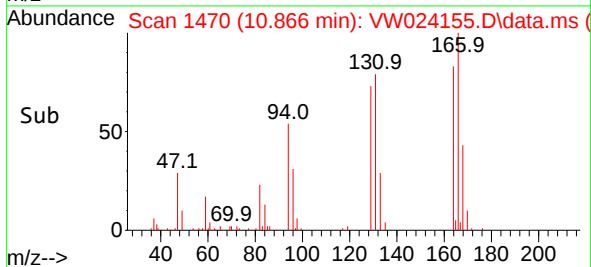
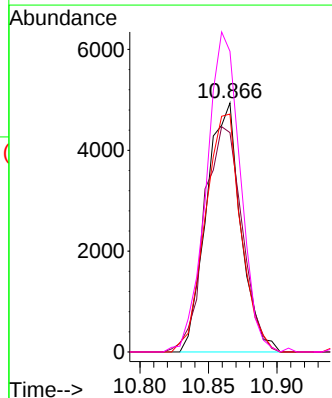
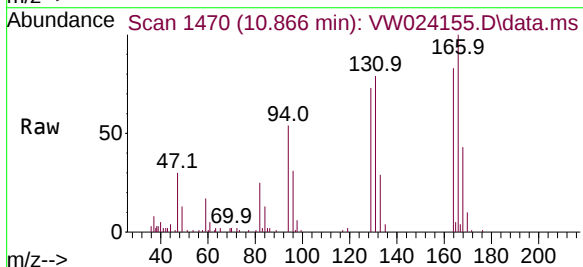
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5407

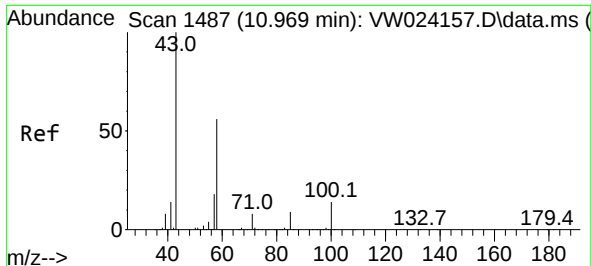
Tgt Ion: 97	Resp: 9011
Ion Ratio	Lower Upper
97 100	
99 62.3	43.8 81.3
83 84.5	56.4 104.7
85 49.7	38.5 71.5



#46
Tetrachloroethene
Concen: 2.301 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VW024155.D
Acq: 04 Aug 2022 09:21

Tgt	Ion:164	Resp:	8591
Ion	Ratio	Lower	Upper
164	100		
129	88.1	63.1	117.3
131	95.6	63.9	118.7
166	120.8	86.8	161.2

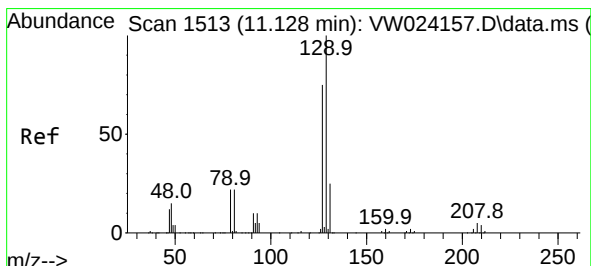
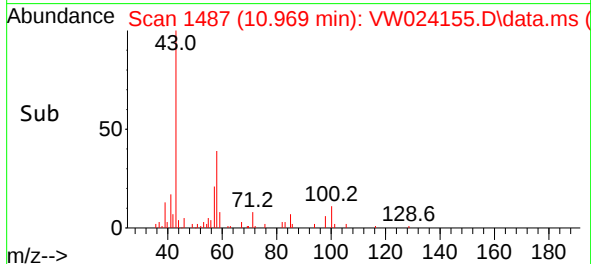
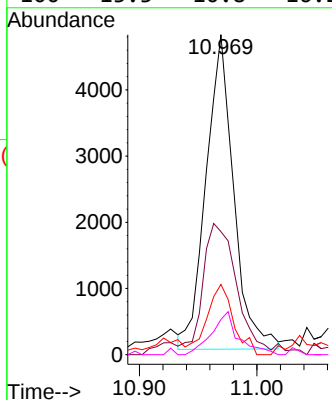
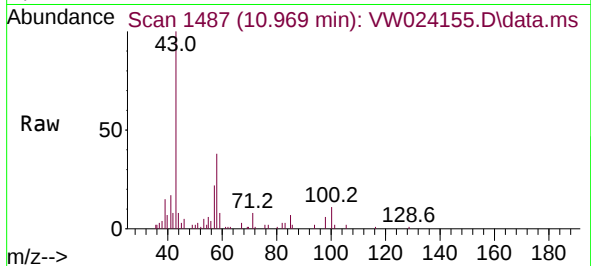




#48
2-Hexanone
Concen: 4.000 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW024155.D
Acq: 04 Aug 2022 09:21

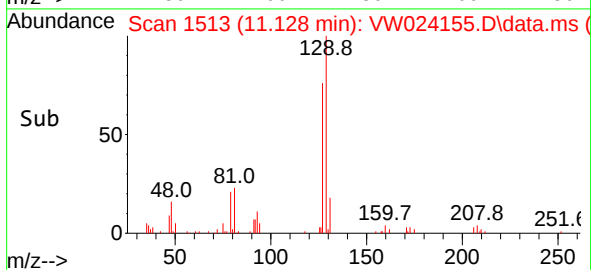
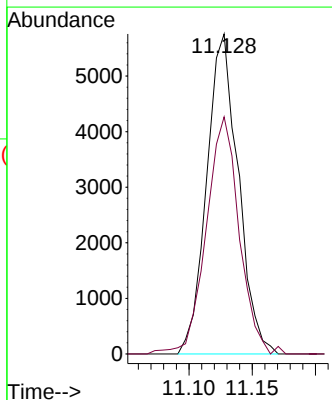
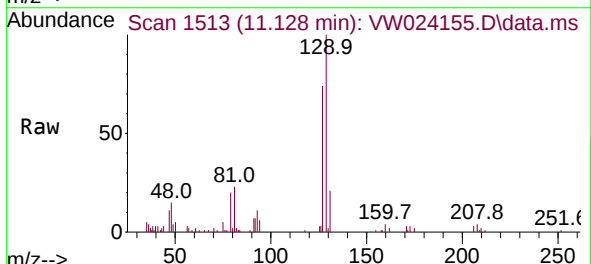
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5407

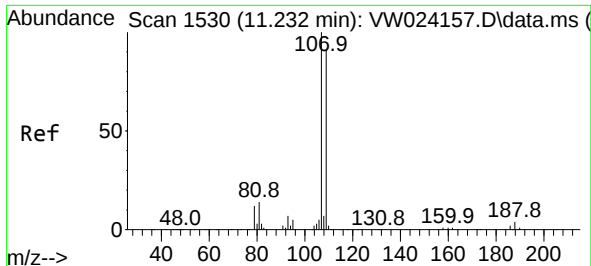
Tgt Ion:	43	Resp:	7771
Ion	Ratio	Lower	Upper
43	100		
58	50.0	43.4	65.0
57	21.4	15.0	22.4
100	13.3	10.8	16.2



#49
Dibromochloromethane
Concen: 2.281 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW024155.D
Acq: 04 Aug 2022 09:21

Tgt Ion:	129	Resp:	9985
Ion	Ratio	Lower	Upper
129	100		
127	74.1	52.3	97.1





#50

1,2-Dibromoethane

Concen: 2.288 ug/L

RT: 11.231 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW024155.D

Acq: 04 Aug 2022 09:21

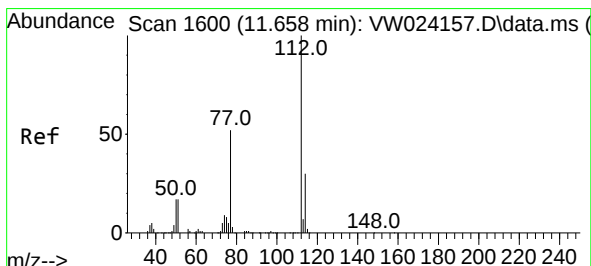
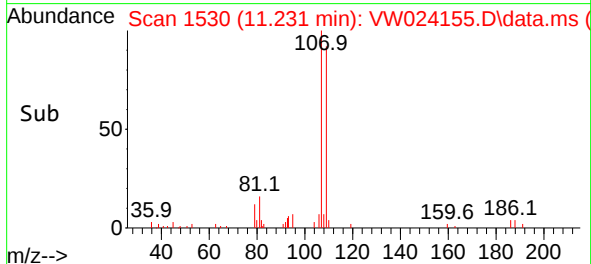
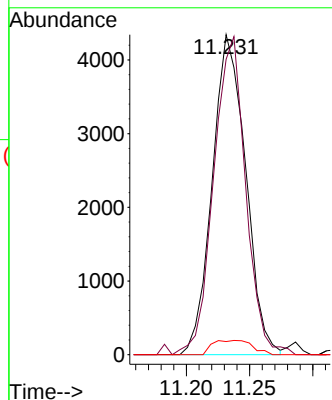
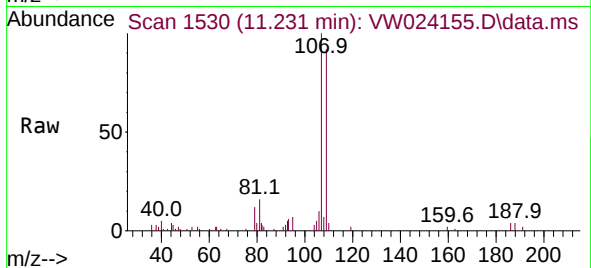
Instrument :

MSVOA_W

ClientSampleId :

VSTD2.5407

Tgt Ion:107	Resp:	7971
Ion	Ratio	Lower Upper
107	100	
109	92.3	64.0 119.0
188	4.1	3.1 4.7



#51

Chlorobenzene

Concen: 2.427 ug/L

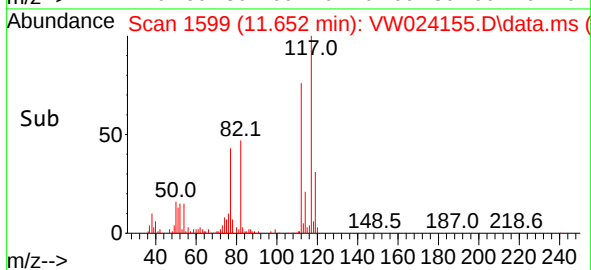
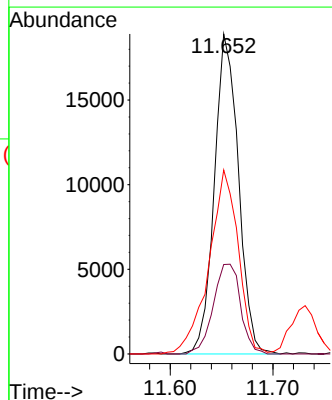
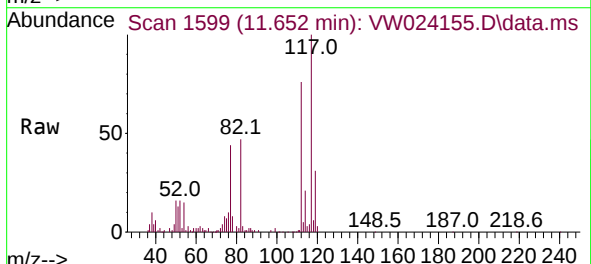
RT: 11.652 min Scan# 1599

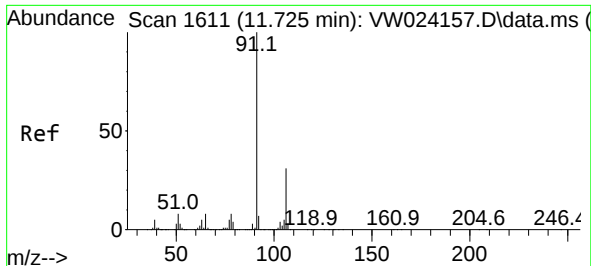
Delta R.T. -0.006 min

Lab File: VW024155.D

Acq: 04 Aug 2022 09:21

Tgt Ion:112	Resp:	30743
Ion	Ratio	Lower Upper
112	100	
114	27.9	20.7 38.5
77	57.5	41.4 62.2





#52

Ethylbenzene

Concen: 2.154 ug/L

RT: 11.731 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW024155.D

Acq: 04 Aug 2022 09:21

Instrument :

MSVOA_W

ClientSampleId :

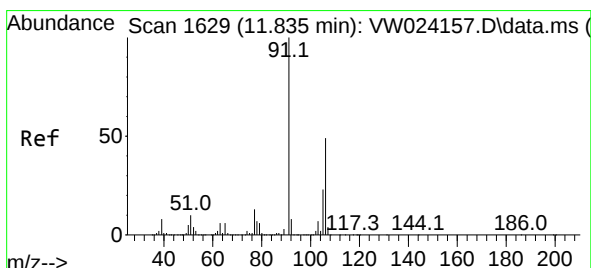
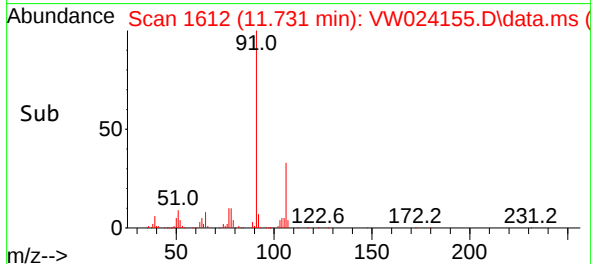
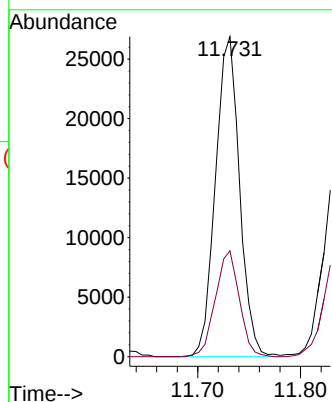
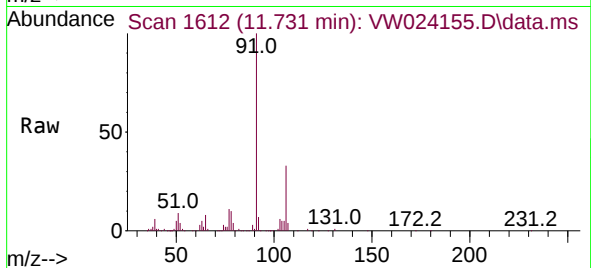
VSTD2.5407

Tgt Ion: 91 Resp: 43767

Ion Ratio Lower Upper

91 100

106 33.1 21.9 40.7



#53

m,p-Xylene

Concen: 2.126 ug/L

RT: 11.841 min Scan# 1630

Delta R.T. 0.006 min

Lab File: VW024155.D

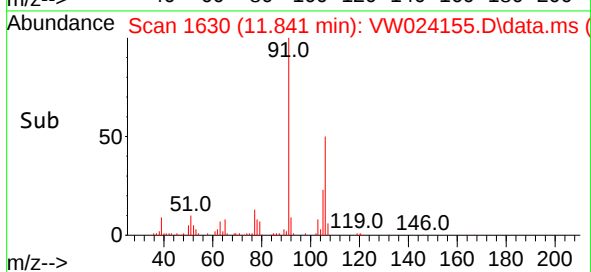
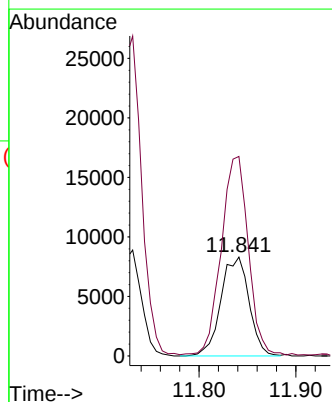
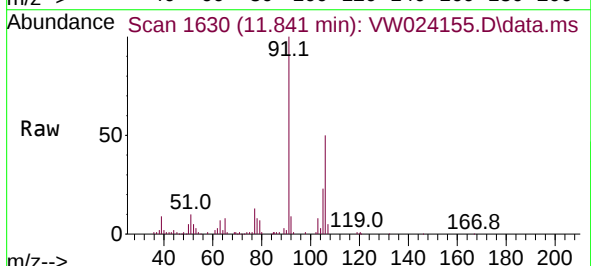
Acq: 04 Aug 2022 09:21

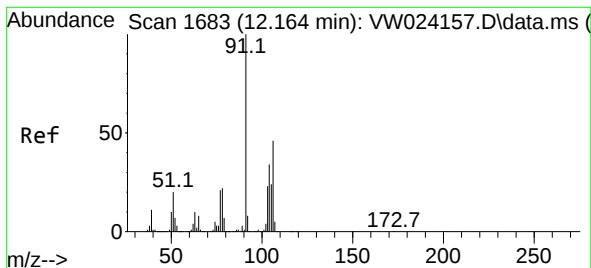
Tgt Ion:106 Resp: 16814

Ion Ratio Lower Upper

106 100

91 201.7 144.1 267.7





#54

o-Xylene

Concen: 1.978 ug/L

RT: 12.164 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW024155.D

Acq: 04 Aug 2022 09:21

Instrument :

MSVOA_W

ClientSampleId :

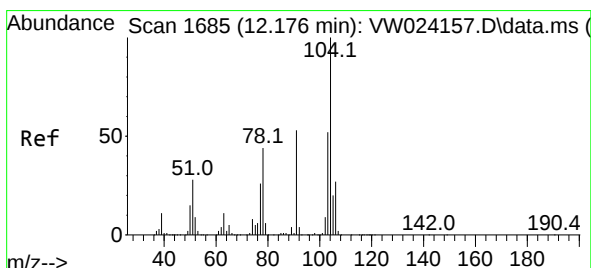
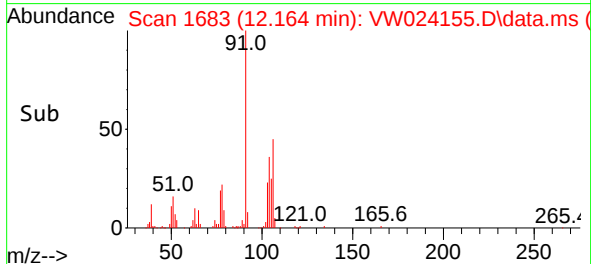
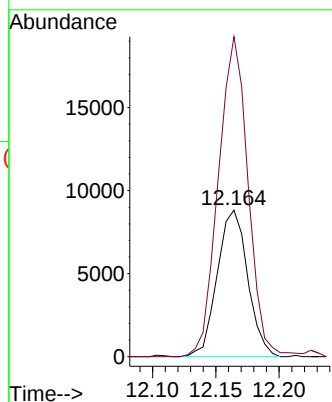
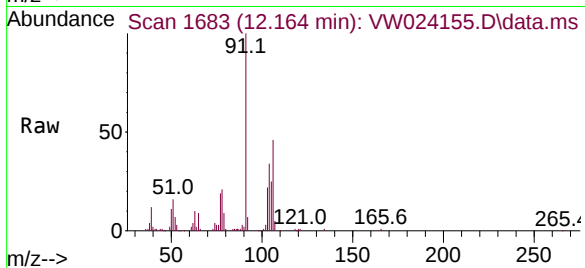
VSTD2.5407

Tgt Ion:106 Resp: 14778

Ion Ratio Lower Upper

106 100

91 218.4 150.9 280.3



#55

Styrene

Concen: 1.837 ug/L

RT: 12.176 min Scan# 1685

Delta R.T. -0.000 min

Lab File: VW024155.D

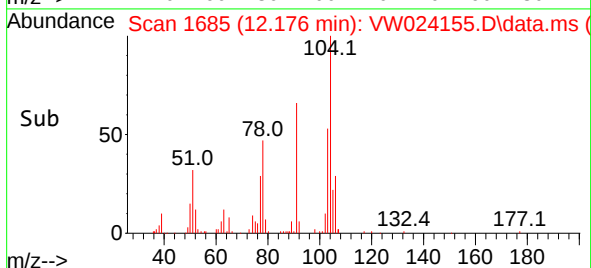
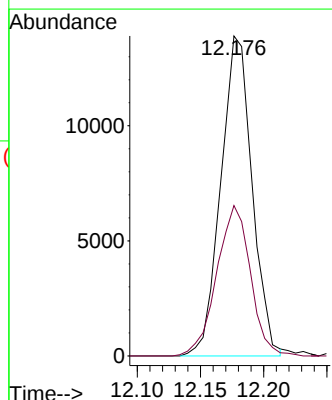
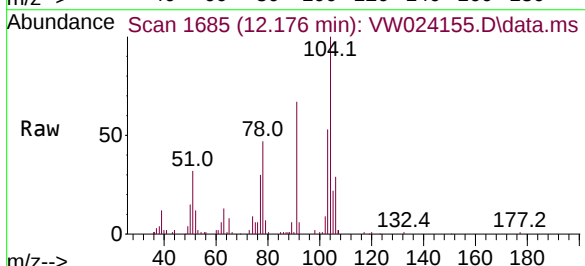
Acq: 04 Aug 2022 09:21

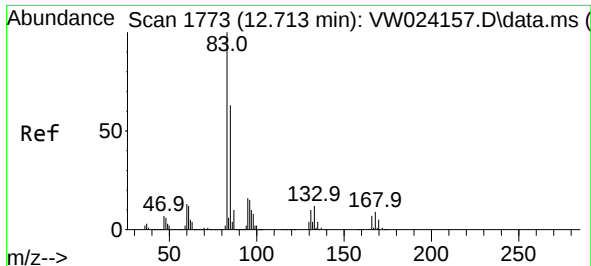
Tgt Ion:104 Resp: 23872

Ion Ratio Lower Upper

104 100

78 47.0 31.1 57.7





#57

1,1,2,2-Tetrachloroethane

Concen: 2.379 ug/L

RT: 12.707 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW024155.D

Acq: 04 Aug 2022 09:21

Instrument :

MSVOA_W

ClientSampleId :

VSTD2.5407

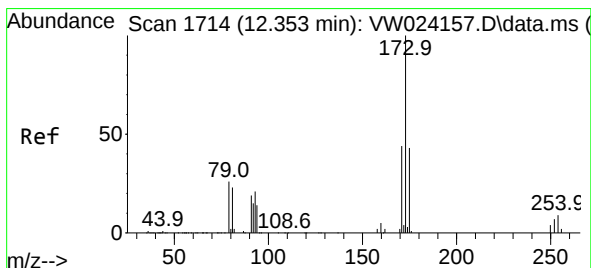
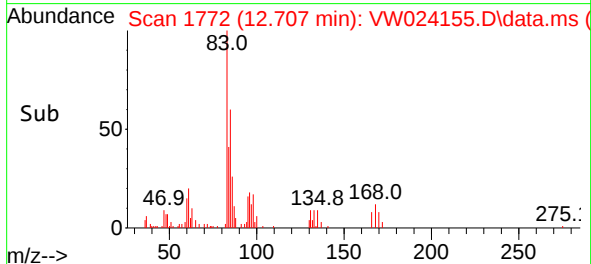
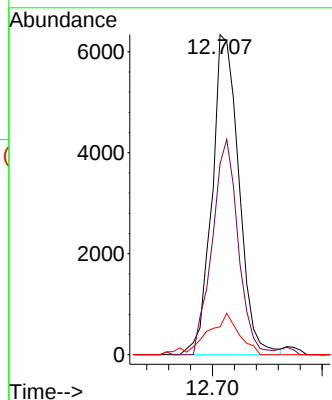
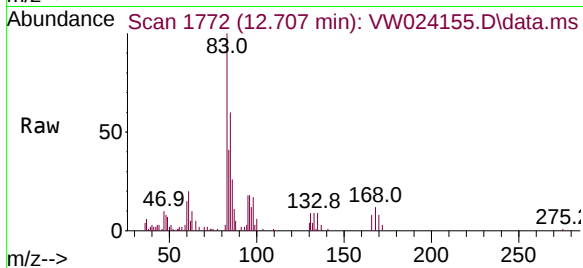
Tgt Ion: 83 Resp: 10808

Ion Ratio Lower Upper

83 100

85 59.7 44.1 81.9

131 8.7 8.3 12.5



#59

Bromoform

Concen: 2.352 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. -0.006 min

Lab File: VW024155.D

Acq: 04 Aug 2022 09:21

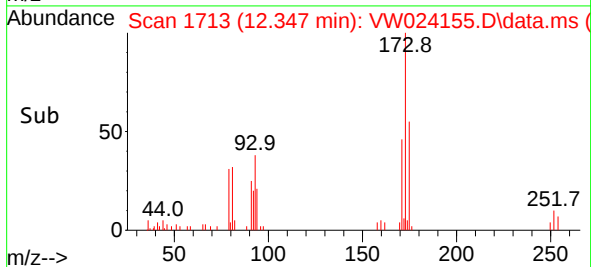
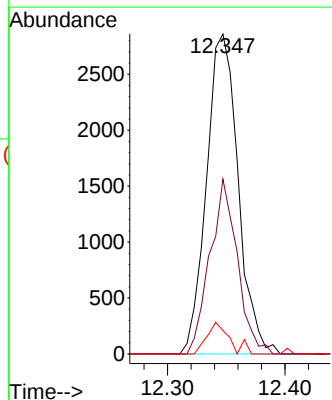
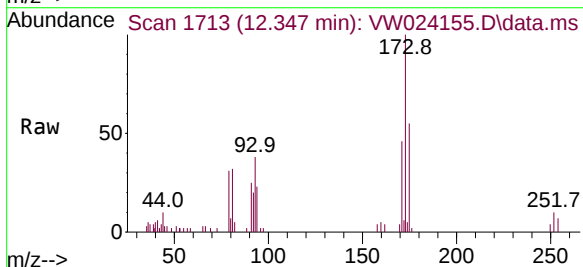
Tgt Ion: 173 Resp: 5347

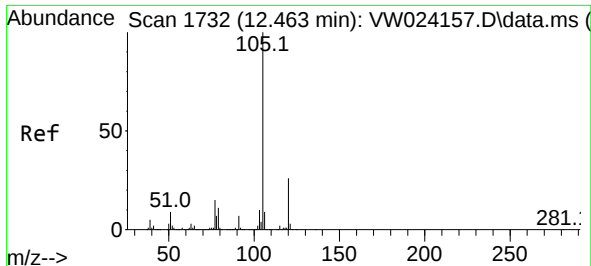
Ion Ratio Lower Upper

173 100

175 47.4 39.0 58.6

254 6.2 6.8 10.2#

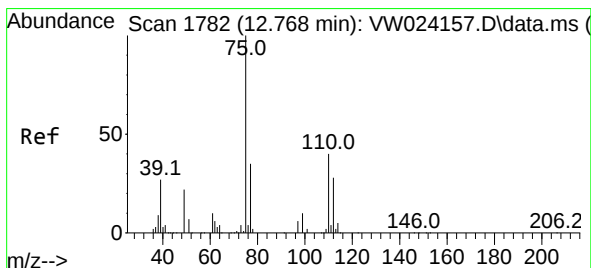
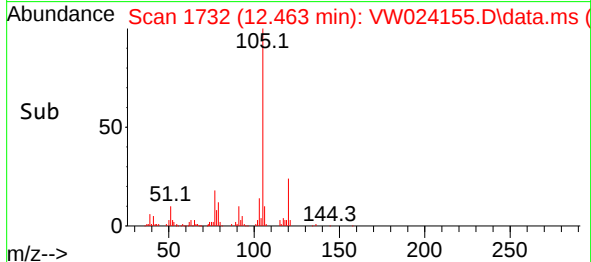
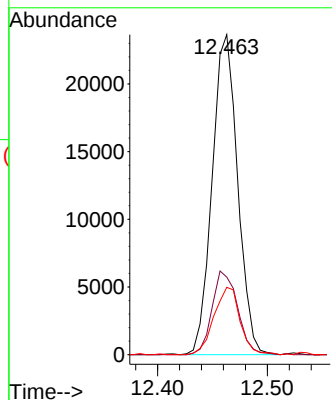
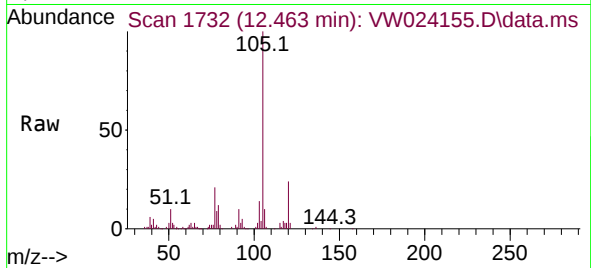




#60
Isopropylbenzene
Concen: 2.119 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW024155.D
Acq: 04 Aug 2022 09:21

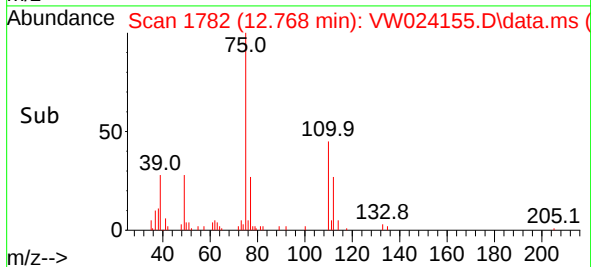
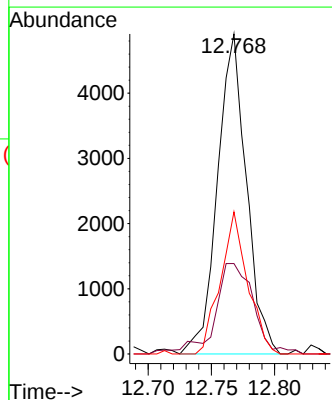
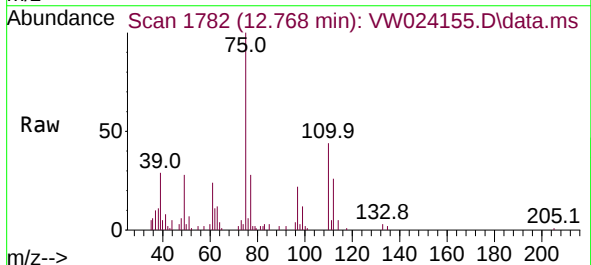
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5407

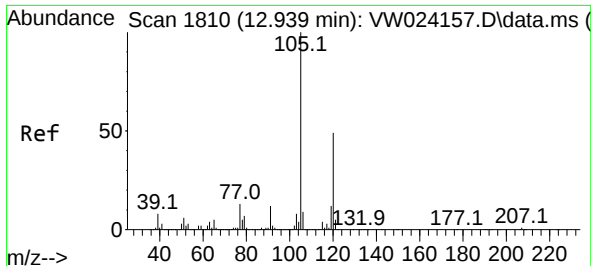
Tgt Ion:105 Resp: 38220
Ion Ratio Lower Upper
105 100
120 26.1 21.4 32.2
77 21.6 12.4 18.6#



#61
1,2,3-Trichloropropane
Concen: 2.626 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW024155.D
Acq: 04 Aug 2022 09:21

Tgt Ion: 75 Resp: 7787
Ion Ratio Lower Upper
75 100
77 30.5 26.2 39.4
110 42.0 33.6 50.4





#62

1,3,5-Trimethylbenzene

Concen: 1.938 ug/L

RT: 12.938 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VW024155.D

Acq: 04 Aug 2022 09:21

Instrument :

MSVOA_W

ClientSampleId :

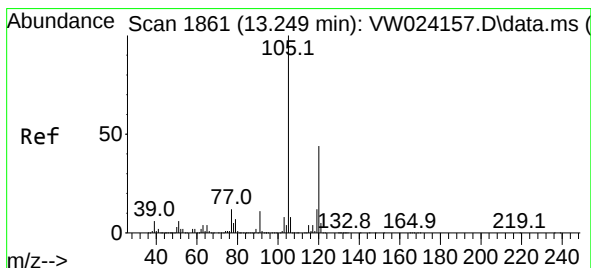
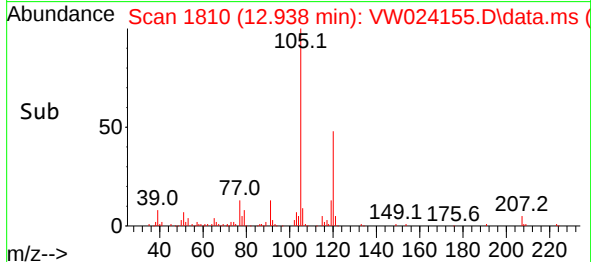
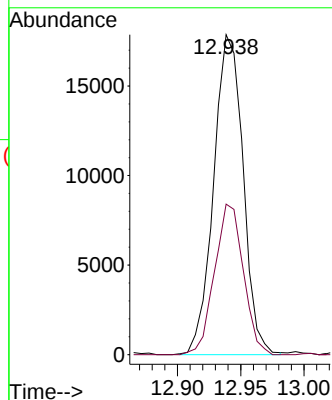
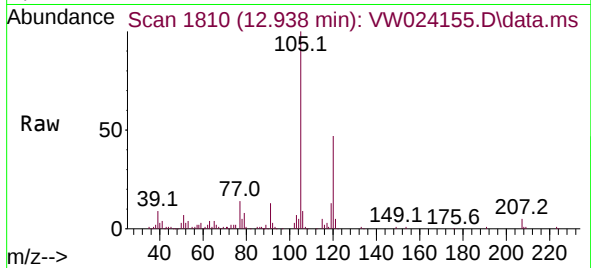
VSTD2.5407

Tgt Ion:105 Resp: 28888

Ion Ratio Lower Upper

105 100

120 46.1 39.7 59.5



#63

1,2,4-Trimethylbenzene

Concen: 1.942 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. -0.000 min

Lab File: VW024155.D

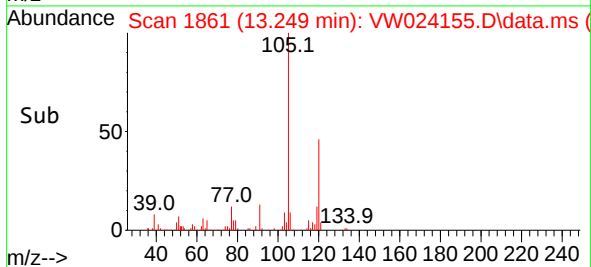
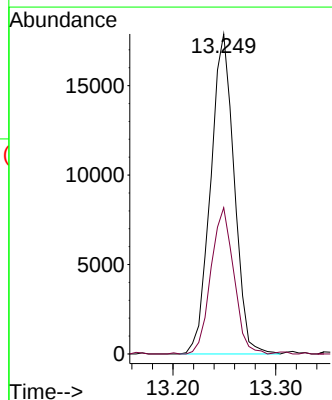
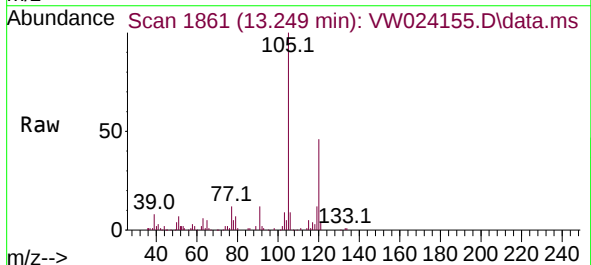
Acq: 04 Aug 2022 09:21

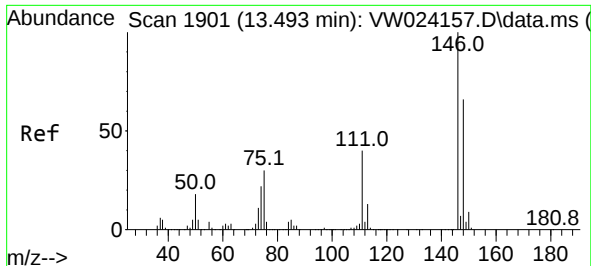
Tgt Ion:105 Resp: 28516

Ion Ratio Lower Upper

105 100

120 44.3 36.4 54.6

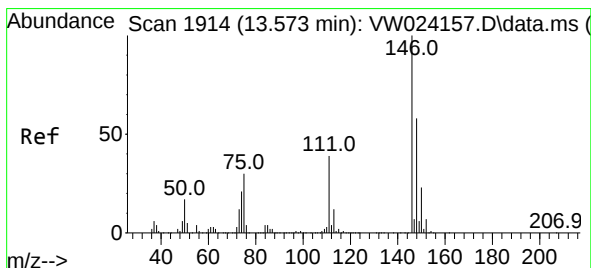
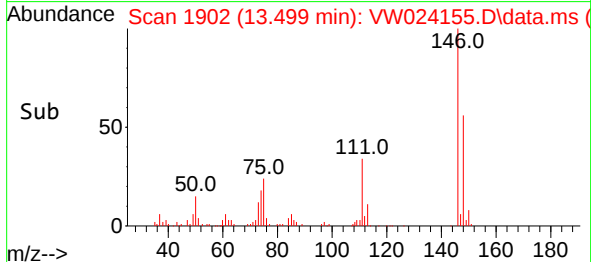
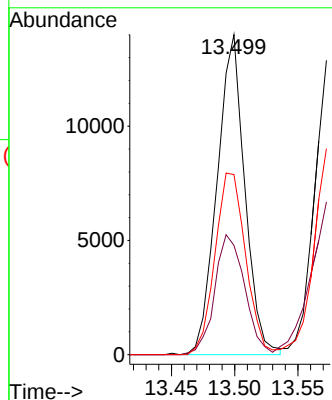
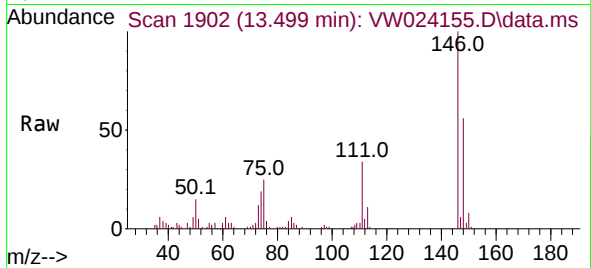




#64
1,3-Dichlorobenzene
Concen: 2.415 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.006 min
Lab File: VW024155.D
Acq: 04 Aug 2022 09:21

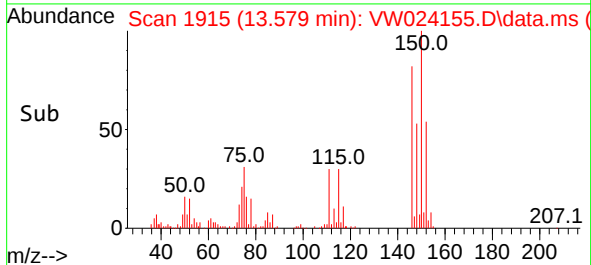
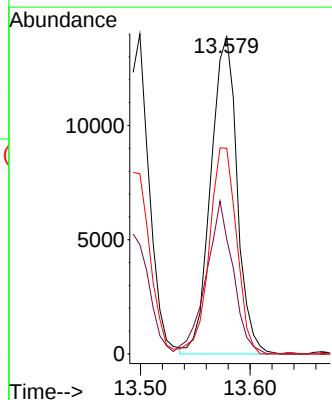
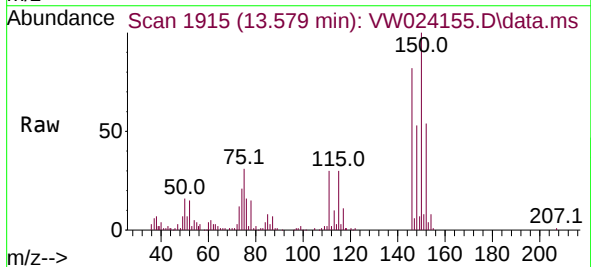
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5407

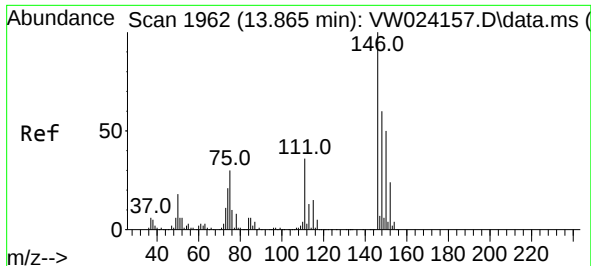
Tgt Ion:146 Resp: 21336
Ion Ratio Lower Upper
146 100
111 34.1 28.0 52.0
148 56.3 46.5 86.3



#65
1,4-Dichlorobenzene
Concen: 2.483 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.006 min
Lab File: VW024155.D
Acq: 04 Aug 2022 09:21

Tgt Ion:146 Resp: 23226
Ion Ratio Lower Upper
146 100
111 36.1 27.6 51.4
148 64.8 40.5 75.3

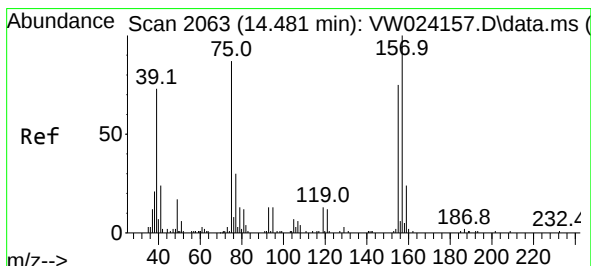
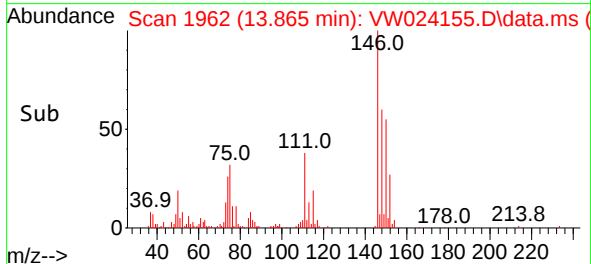
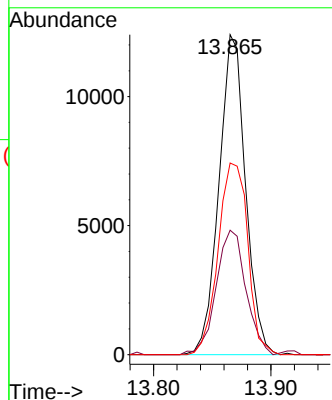
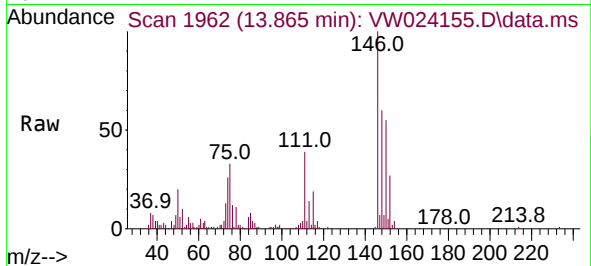




#67
1,2-Dichlorobenzene
Concen: 2.326 ug/L
RT: 13.865 min Scan# 1962
Delta R.T. -0.000 min
Lab File: VW024155.D
Acq: 04 Aug 2022 09:21

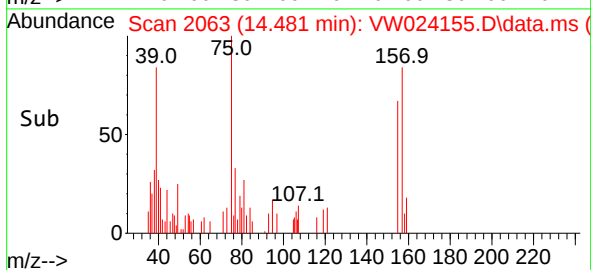
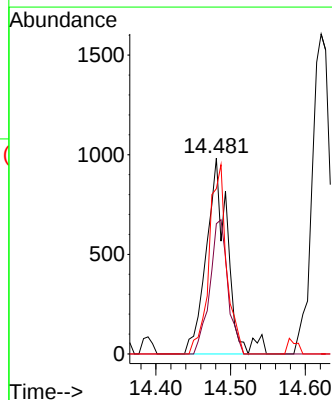
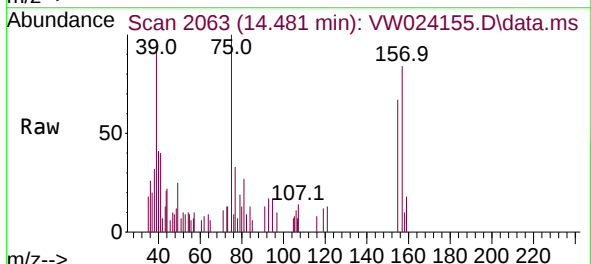
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5407

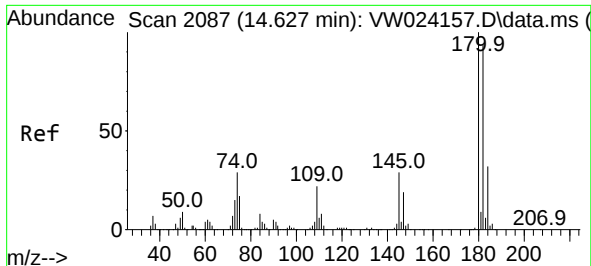
Tgt Ion:146 Resp: 19512
Ion Ratio Lower Upper
146 100
111 38.9 29.0 43.6
148 59.9 47.8 71.8



#68
1,2-Dibromo-3-chloropropane
Concen: 2.813 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VW024155.D
Acq: 04 Aug 2022 09:21

Tgt Ion: 75 Resp: 1949
Ion Ratio Lower Upper
75 100
155 66.5 68.8 103.2#
157 84.4 91.5 137.3#





#69

1,3,5-Trichlorobenzene

Concen: 2.379 ug/L

RT: 14.627 min Scan# 2087

Delta R.T. -0.000 min

Lab File: VW024155.D

Acq: 04 Aug 2022 09:21

Instrument :

MSVOA_W

ClientSampleId :

VSTD2.5407

Tgt Ion:180 Resp: 13780

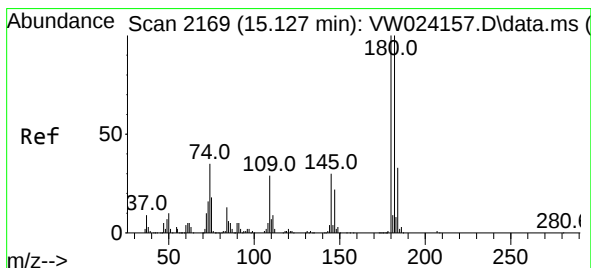
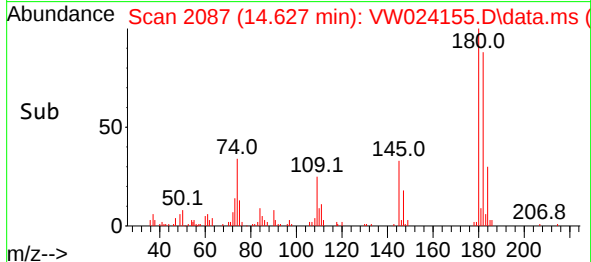
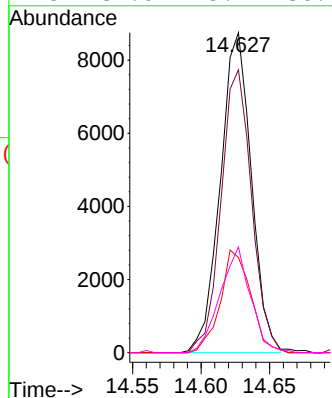
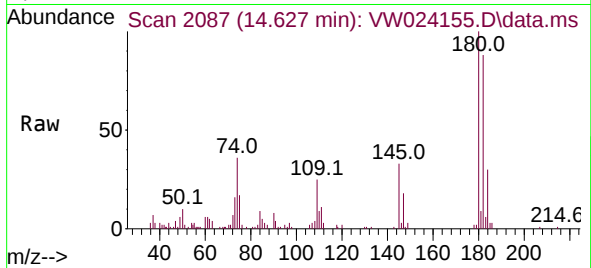
Ion Ratio Lower Upper

180 100

182 86.9 78.4 117.6

184 31.4 24.7 37.1

145 32.6 25.9 38.9



#70

1,2,4-trichlorobenzene

Concen: 2.063 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. -0.000 min

Lab File: VW024155.D

Acq: 04 Aug 2022 09:21

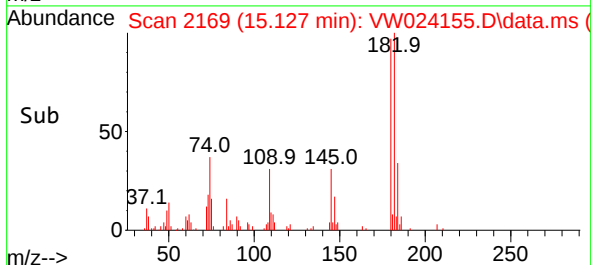
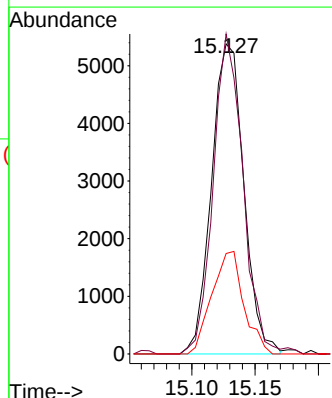
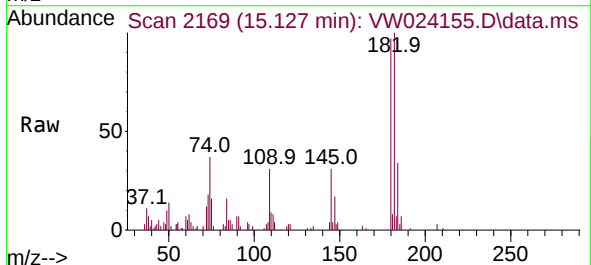
Tgt Ion:180 Resp: 9570

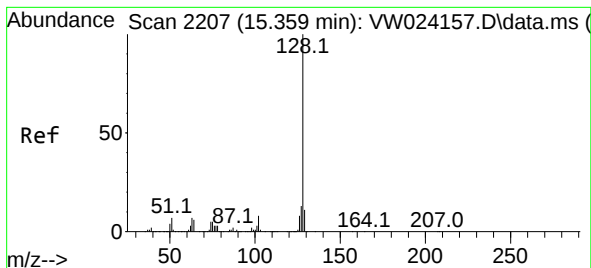
Ion Ratio Lower Upper

180 100

182 94.6 75.0 112.4

145 32.6 25.1 37.7





#71

Naphthalene

Concen: 1.657 ug/L

RT: 15.359 min Scan# 21

Delta R.T. -0.000 min

Lab File: VW024155.D

Acq: 04 Aug 2022 09:21

Instrument :

MSVOA_W

ClientSampleId :

VSTD2.5407

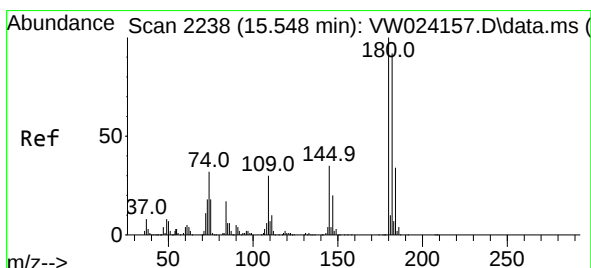
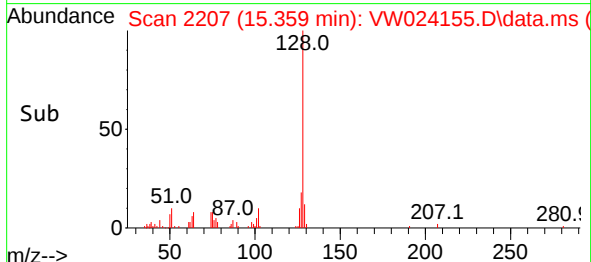
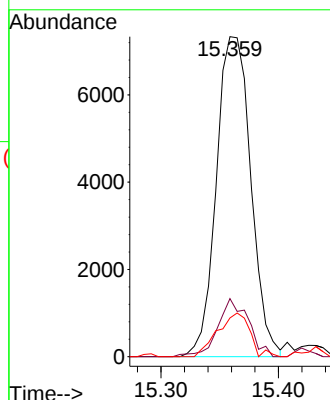
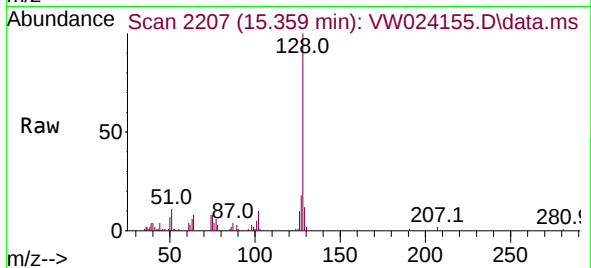
Tgt Ion:128 Resp: 14968

Ion Ratio Lower Upper

128 100

127 16.1 10.7 16.1#

129 12.3 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 2.040 ug/L

RT: 15.554 min Scan# 2239

Delta R.T. 0.006 min

Lab File: VW024155.D

Acq: 04 Aug 2022 09:21

Tgt Ion:180 Resp: 8617

Ion Ratio Lower Upper

180 100

182 97.4 75.4 113.2

145 33.9 26.9 40.3

