

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
 Data File : VW024156.D
 Acq On : 04 Aug 2022 09:46
 Operator : SY/VA
 Sample : VSTD00508
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD005408

Quant Time: Aug 05 00:25:55 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	289256	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	280669	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	147805	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.337	65	29499	4.879	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	19.520%#
7) Chloroethane-d5	2.867	69	17876	4.746	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	19.000%#
11) 1,1-Dichloroethene-d2	4.007	63	33767	4.900	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	19.600%#
21) 2-Butanone-d5	7.086	46	10412	8.493	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	16.980%#
24) Chloroform-d	7.647	84	46980	5.368	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	21.480%#
26) 1,2-Dichloroethane-d4	8.299	65	25821	5.314	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	21.240%#
32) Benzene-d6	8.275	84	85861	5.187	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	20.760%
36) 1,2-Dichloropropane-d6	9.274	67	26282	5.378	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	21.520%#
41) Toluene-d8	10.323	98	74683	4.827	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	19.320%#
43) trans-1,3-Dichloroprop...	10.573	79	10476	4.894	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	19.560%#
47) 2-Hexanone-d5	10.927	63	7730	8.566	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	17.140%#
56) 1,1,2,2-Tetrachloroeth...	12.688	84	26127	5.510	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	22.040%#
66) 1,2-Dichlorobenzene-d4	13.853	152	29091	5.378	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	21.520%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.001	85	12005	4.717	ug/L	98
3) Chloromethane	2.209	50	24406	5.114	ug/L	92
5) Vinyl chloride	2.349	62	35453	5.336	ug/L	95
6) Bromomethane	2.763	94	22188	5.825	ug/L	99
8) Chloroethane	2.910	64	14882	5.114	ug/L	97
9) Trichlorofluoromethane	3.245	101	16577	5.263	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.050	101	22612	5.321	ug/L #	78
12) 1,1-Dichloroethene	4.025	96	18162	5.223	ug/L	91
13) Acetone	4.117	43	5387	6.434	ug/L	74
14) Carbon disulfide	4.373	76	58490	5.256	ug/L #	92
15) Methyl Acetate	4.818	43	202	0.112	ug/L	96
16) Methylene chloride	4.909	84	31286	6.133	ug/L	98
17) trans-1,2-Dichloroethene	5.421	96	21220	5.269	ug/L	95
18) Methyl tert-butyl Ether	5.428	73	28508	4.978	ug/L #	76
19) 1,1-Dichloroethane	6.202	63	38744	5.477	ug/L	97
20) cis-1,2-Dichloroethene	7.165	96	21935	4.966	ug/L #	85
22) 2-Butanone	7.171	43	14667	10.259	ug/L	78
23) Bromochloromethane	7.506	128	11741	5.346	ug/L	97
25) Chloroform	7.671	83	41395	5.310	ug/L	98

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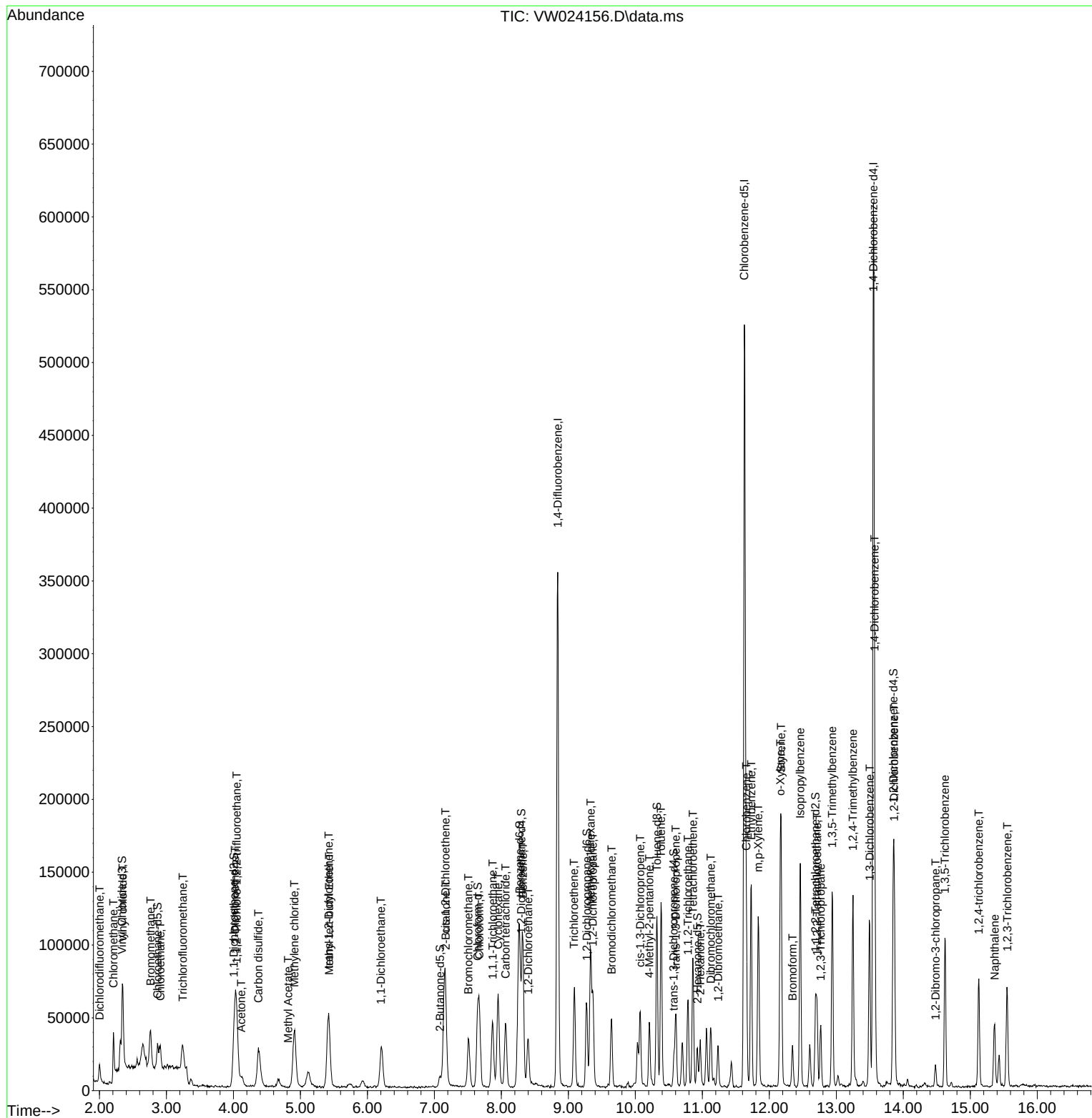
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	28709	5.473	ug/L	98
29) Cyclohexane	7.951	56	27812	4.833	ug/L	98
30) 1,1,1-Trichloroethane	7.872	97	33397	5.276	ug/L	99
31) Carbon tetrachloride	8.061	117	31554	5.284	ug/L	99
33) Benzene	8.323	78	88166	5.319	ug/L	100
34) Trichloroethene	9.085	95	23302	5.318	ug/L	91
35) Methylcyclohexane	9.335	83	32843	4.780	ug/L	96
37) 1,2-Dichloropropane	9.366	63	22466	5.483	ug/L #	90
38) Bromodichloromethane	9.646	83	30345	5.280	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	28061	4.655	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	27054	9.948	ug/L	96
42) Toluene	10.384	91	88935	5.049	ug/L	98
44) trans-1,3-Dichloropropene	10.603	75	26912	4.886	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	18518	5.362	ug/L	98
46) Tetrachloroethene	10.859	164	18771	5.292	ug/L	94
48) 2-Hexanone	10.969	43	17010	9.216	ug/L #	98
49) Dibromochloromethane	11.128	129	20848	5.014	ug/L	92
50) 1,2-Dibromoethane	11.237	107	17259	5.216	ug/L #	99
51) Chlorobenzene	11.658	112	61539	5.113	ug/L	97
52) Ethylbenzene	11.731	91	93895	4.865	ug/L	96
53) m,p-Xylene	11.835	106	35670	4.748	ug/L	87
54) o-Xylene	12.164	106	33868	4.772	ug/L	93
55) Styrene	12.176	104	58530	4.742	ug/L	91
57) 1,1,2,2-Tetrachloroethane	12.713	83	23350	5.410	ug/L	99
59) Bromoform	12.347	173	11163	4.951	ug/L	97
60) Isopropylbenzene	12.463	105	87228	4.875	ug/L	97
61) 1,2,3-Trichloropropane	12.768	75	16153	5.491	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	67495	4.565	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	67140	4.611	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	44526	5.082	ug/L	93
65) 1,4-Dichlorobenzene	13.572	146	48806	5.260	ug/L	96
67) 1,2-Dichlorobenzene	13.865	146	43363	5.212	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.481	75	3766	5.480	ug/L	92
69) 1,3,5-Trichlorobenzene	14.621	180	28442	4.950	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	21916	4.763	ug/L	97
71) Naphthalene	15.365	128	37072	4.137	ug/L #	91
72) 1,2,3-Trichlorobenzene	15.554	180	20518	4.898	ug/L	98

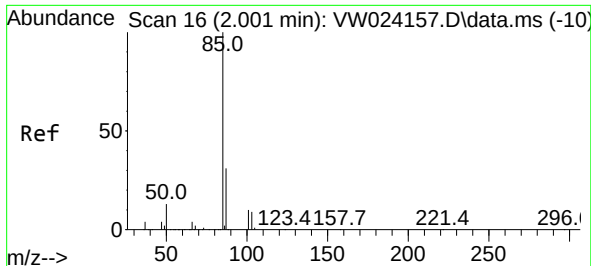
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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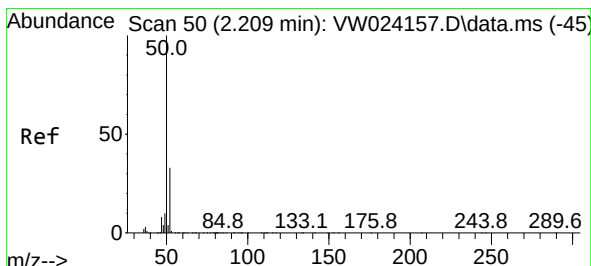
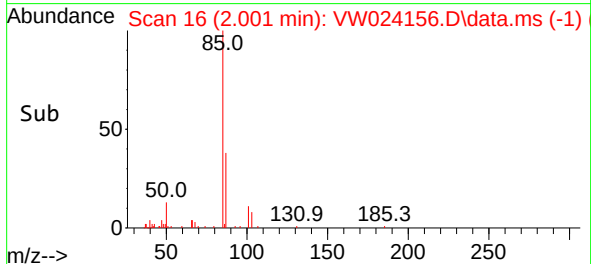
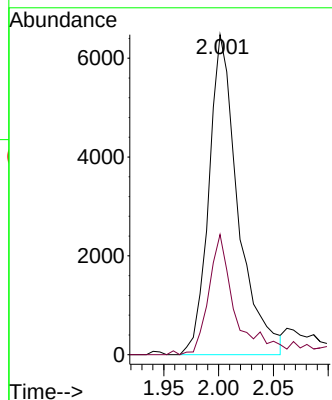
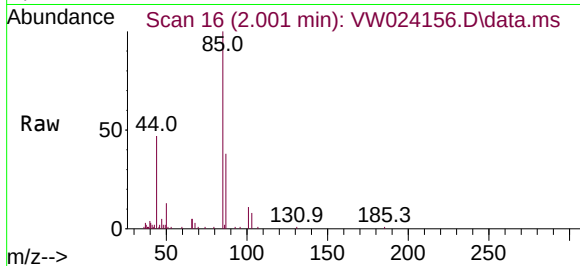




#2
 Dichlorodifluoromethane
 Concen: 4.717 ug/L
 RT: 2.001 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: VW024156.D
 Acq: 04 Aug 2022 09:46

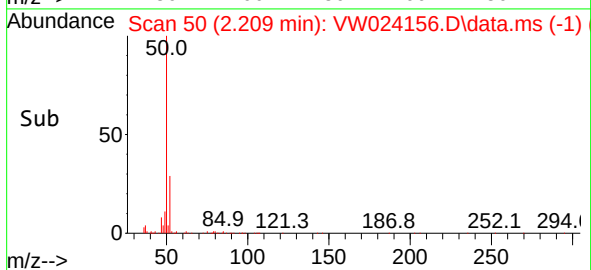
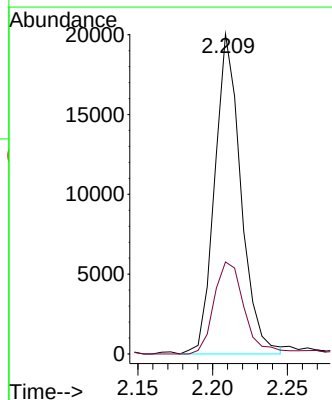
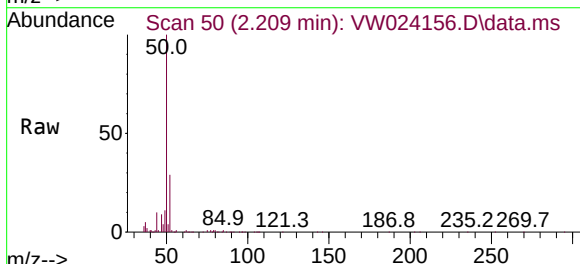
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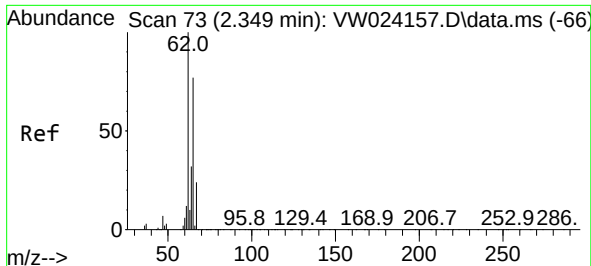
Tgt Ion: 85 Resp: 12005
 Ion Ratio Lower Upper
 85 100
 87 29.7 24.5 36.7



#3
 Chloromethane
 Concen: 5.114 ug/L
 RT: 2.209 min Scan# 50
 Delta R.T. -0.000 min
 Lab File: VW024156.D
 Acq: 04 Aug 2022 09:46

Tgt Ion: 50 Resp: 24406
 Ion Ratio Lower Upper
 50 100
 52 28.8 23.2 43.2

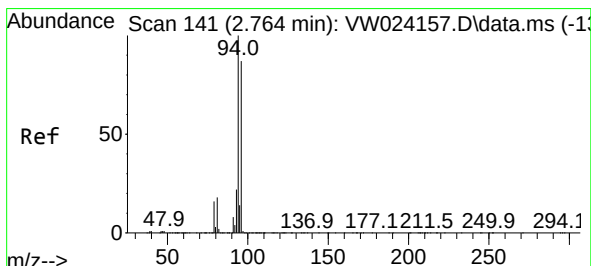
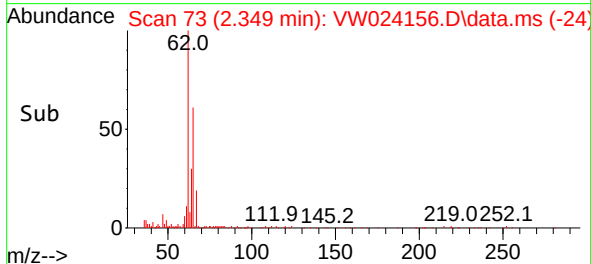
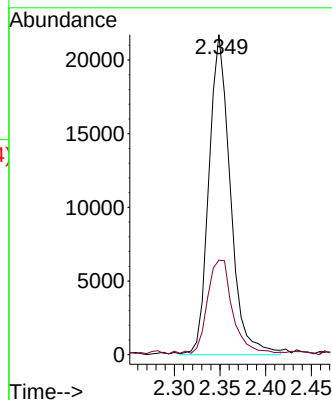
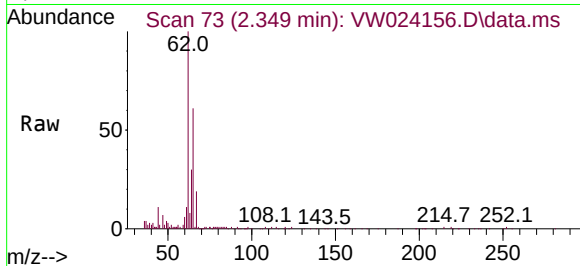




#5
 Vinyl chloride
 Concen: 5.336 ug/L
 RT: 2.349 min Scan# 73
 Delta R.T. -0.000 min
 Lab File: VW024156.D
 Acq: 04 Aug 2022 09:46

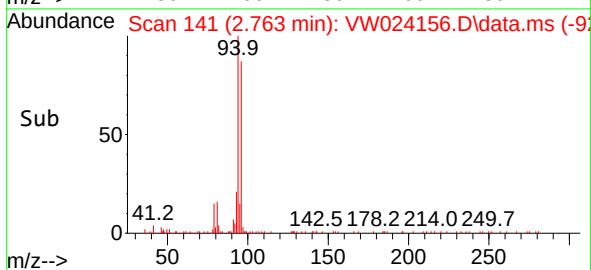
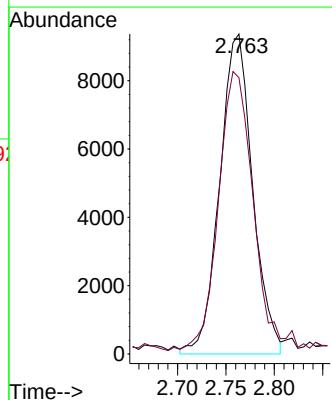
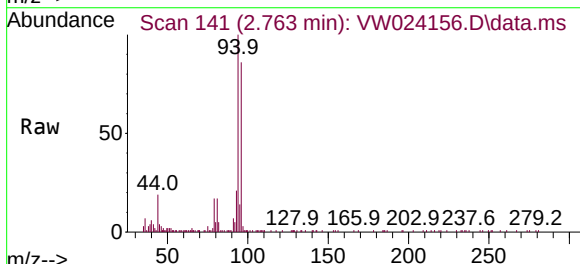
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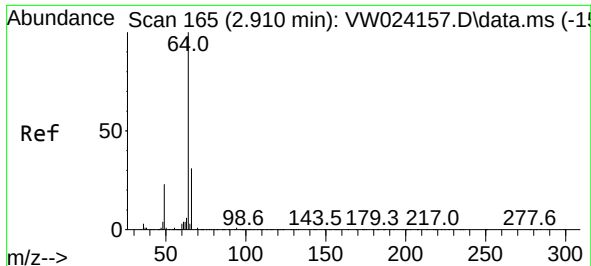
Tgt Ion: 62 Resp: 35453
 Ion Ratio Lower Upper
 62 100
 64 29.6 22.7 42.3



#6
 Bromomethane
 Concen: 5.825 ug/L
 RT: 2.763 min Scan# 141
 Delta R.T. -0.000 min
 Lab File: VW024156.D
 Acq: 04 Aug 2022 09:46

Tgt Ion: 94 Resp: 22188
 Ion Ratio Lower Upper
 94 100
 96 86.4 61.0 113.4

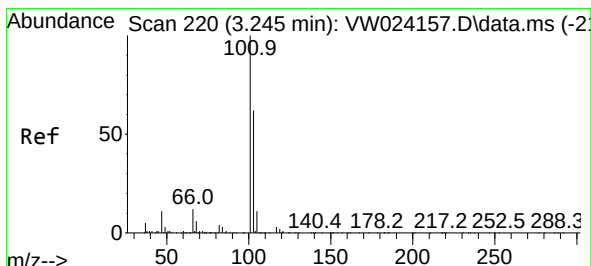
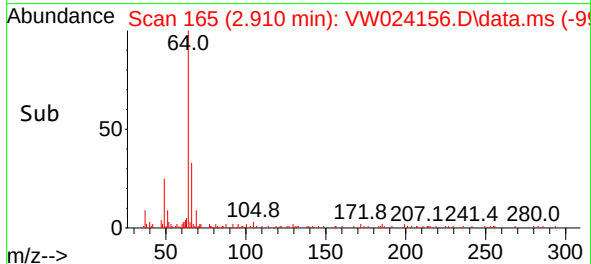
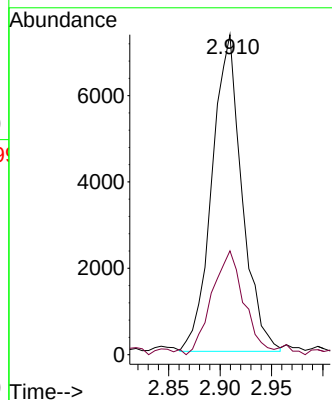
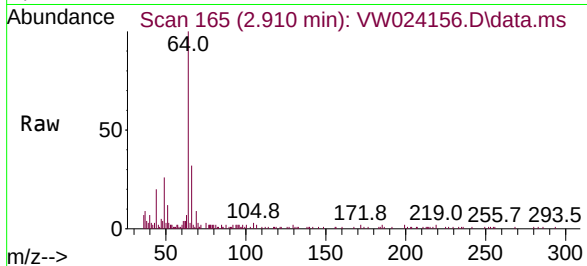




#8
Chloroethane
Concen: 5.114 ug/L
RT: 2.910 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW024156.D
Acq: 04 Aug 2022 09:46

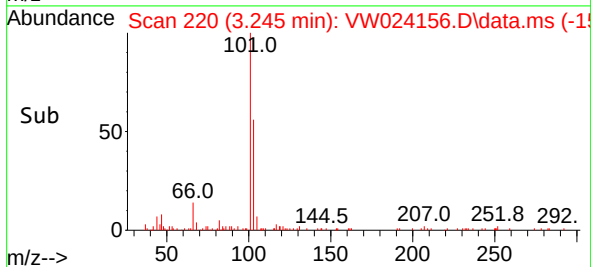
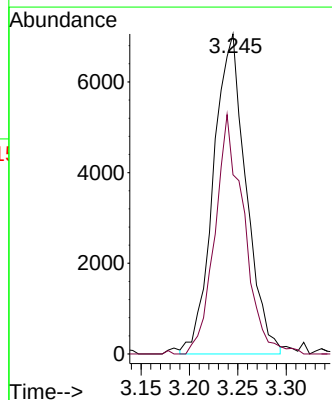
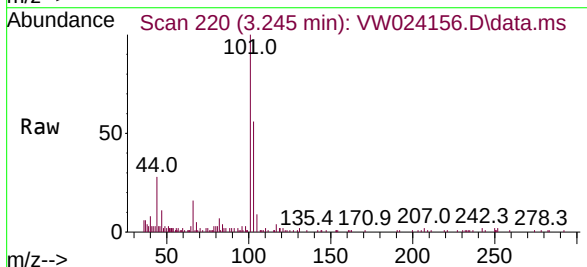
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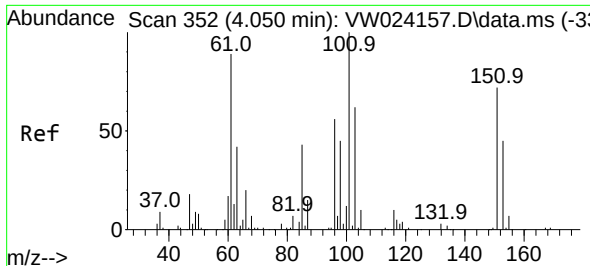
Tgt Ion: 64 Resp: 14882
Ion Ratio Lower Upper
64 100
66 32.5 21.6 40.0



#9
Trichlorofluoromethane
Concen: 5.263 ug/L
RT: 3.245 min Scan# 220
Delta R.T. -0.000 min
Lab File: VW024156.D
Acq: 04 Aug 2022 09:46

Tgt Ion: 101 Resp: 16577
Ion Ratio Lower Upper
101 100
103 66.4 50.5 75.7

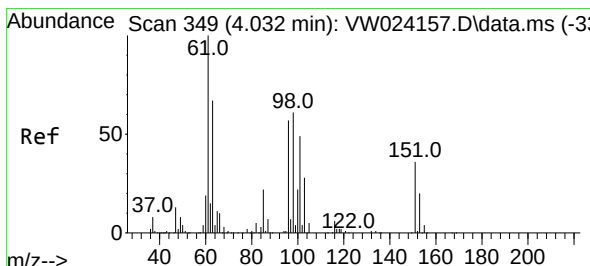
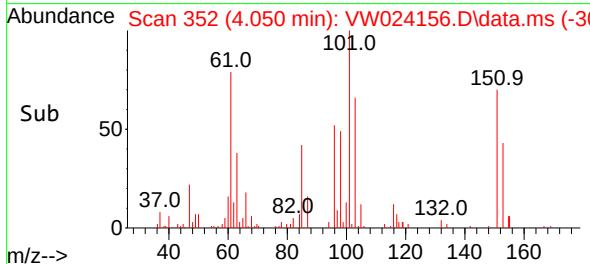
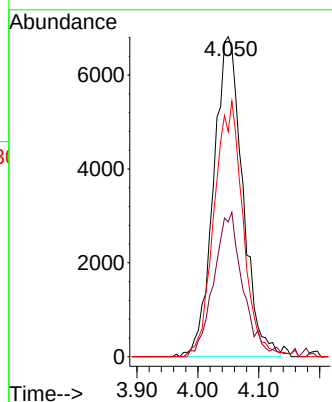
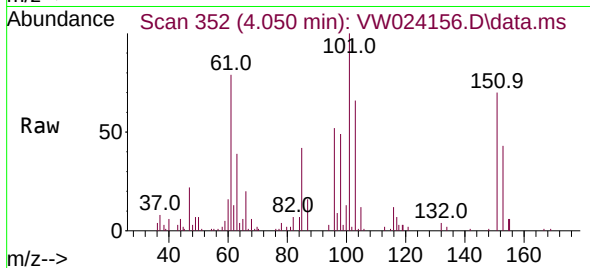




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.321 ug/L
 RT: 4.050 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VW024156.D
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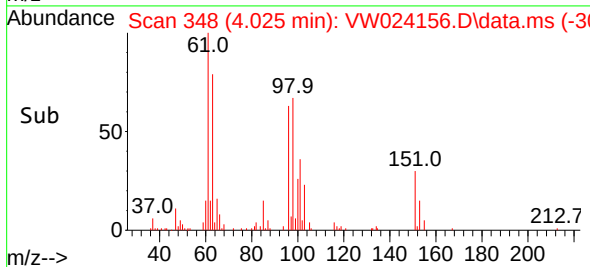
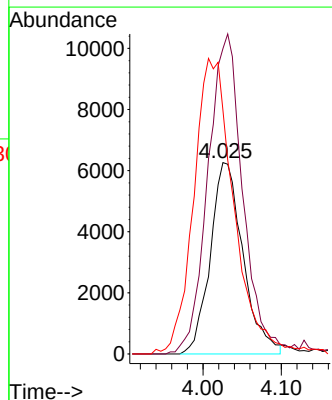
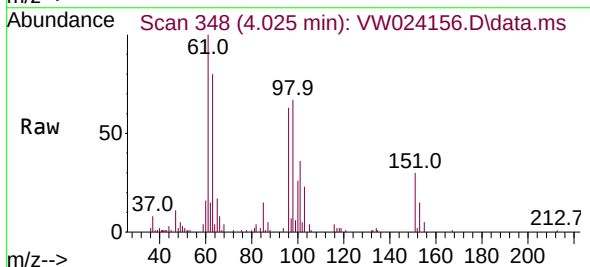
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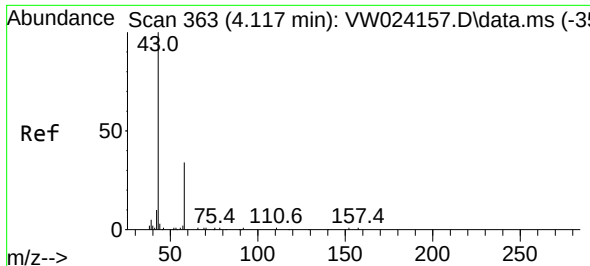
Tgt Ion:101 Resp: 22612
 Ion Ratio Lower Upper
 101 100
 85 44.5 34.9 52.3
 151 42.1 57.0 85.6#



#12
 1,1-Dichloroethene
 Concen: 5.223 ug/L
 RT: 4.025 min Scan# 348
 Delta R.T. -0.006 min
 Lab File: VW024156.D
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Tgt Ion: 96 Resp: 18162
 Ion Ratio Lower Upper
 96 100
 61 159.6 123.1 228.5
 63 127.5 84.9 157.7

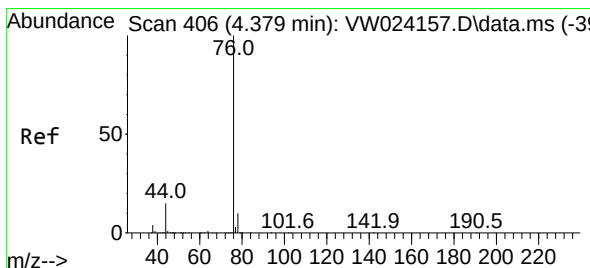
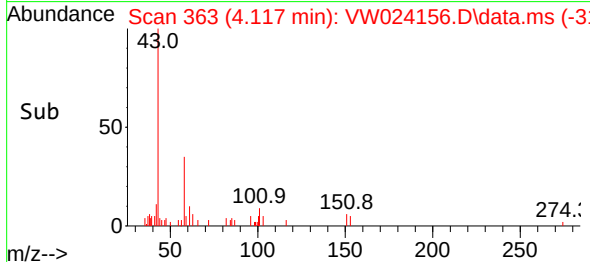
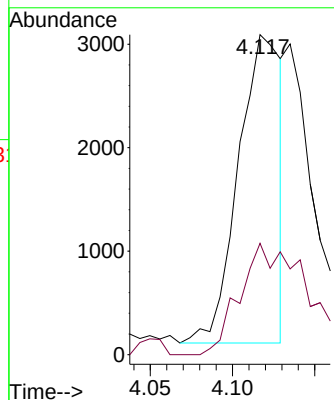
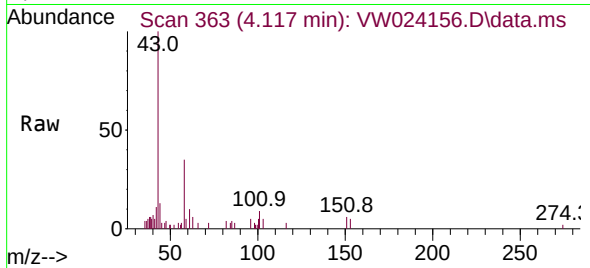




#13
Acetone
Concen: 6.434 ug/L
RT: 4.117 min Scan# 363
Delta R.T. -0.000 min
Lab File: VW024156.D
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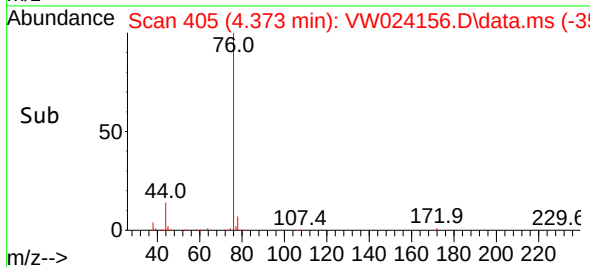
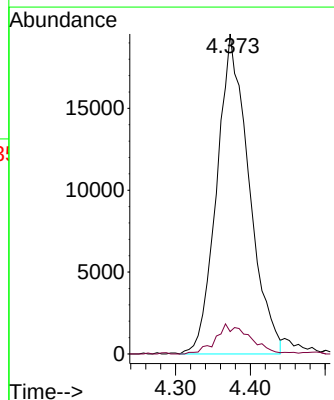
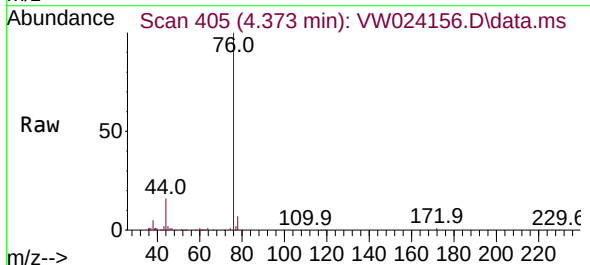
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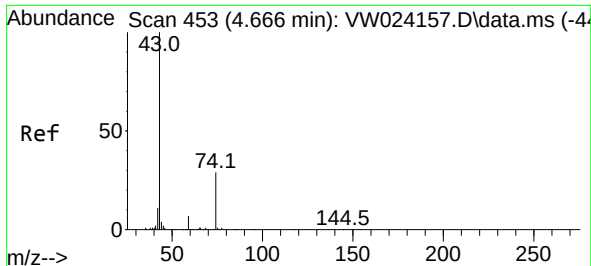
Tgt Ion: 43 Resp: 5387
Ion Ratio Lower Upper
43 100
58 27.1 0.0 31.8



#14
Carbon disulfide
Concen: 5.256 ug/L
RT: 4.373 min Scan# 405
Delta R.T. -0.006 min
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Tgt Ion: 76 Resp: 58490
Ion Ratio Lower Upper
76 100
78 7.0 7.9 11.9#

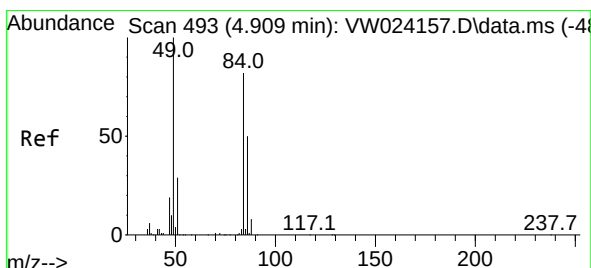
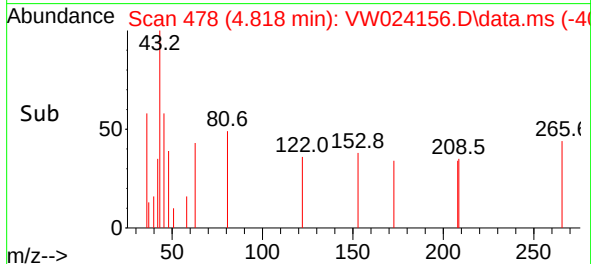
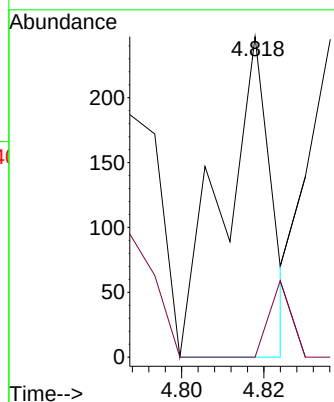
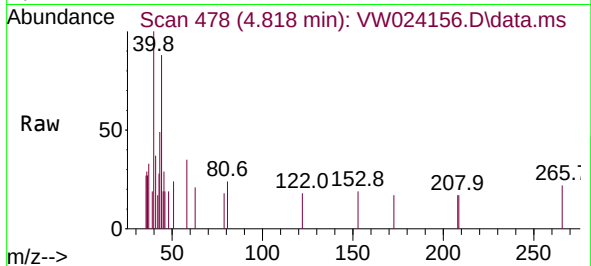




#15
Methyl Acetate
Concen: 0.112 ug/L
RT: 4.818 min Scan# 41
Delta R.T. 0.152 min
Lab File: VW024156.D
Acq: 04 Aug 2022 09:46

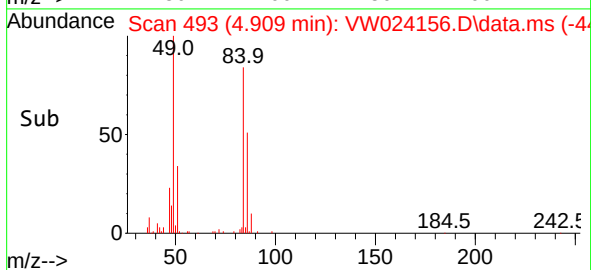
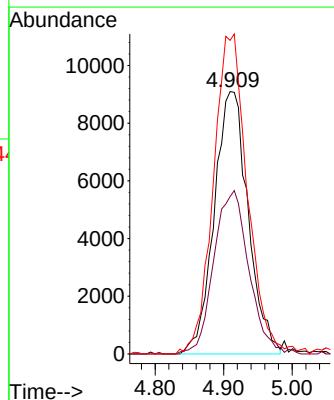
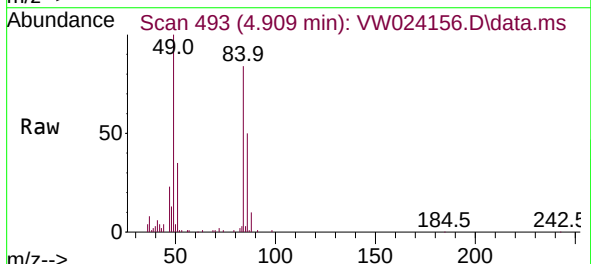
Instrument :
MSVOA_W
ClientSampleId :
VSTD005408

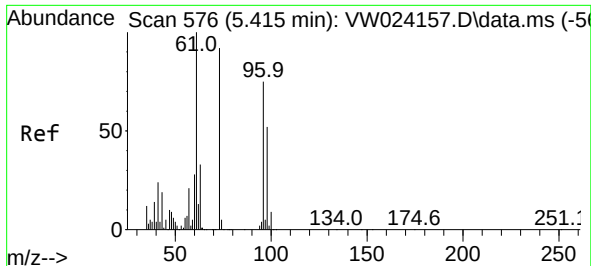
Tgt Ion: 43 Resp: 202
Ion Ratio Lower Upper
43 100
74 29.2 21.5 32.3



#16
Methylene chloride
Concen: 6.133 ug/L
RT: 4.909 min Scan# 493
Delta R.T. -0.000 min
Lab File: VW024156.D
Acq: 04 Aug 2022 09:46

Tgt Ion: 84 Resp: 31286
Ion Ratio Lower Upper
84 100
86 60.0 42.8 79.6
49 119.6 85.3 158.3

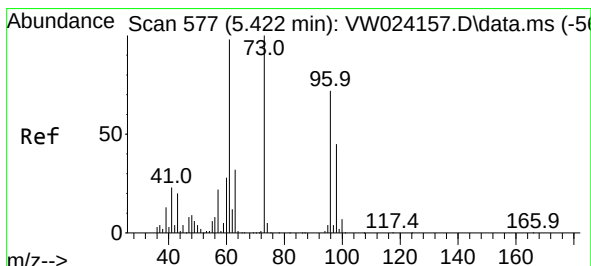
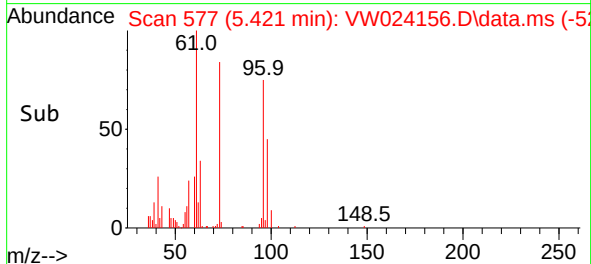
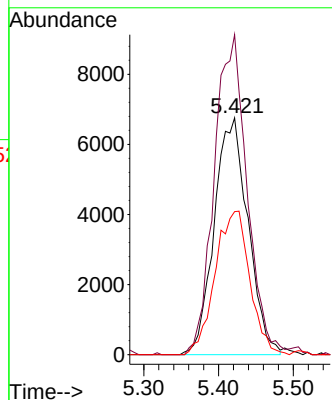
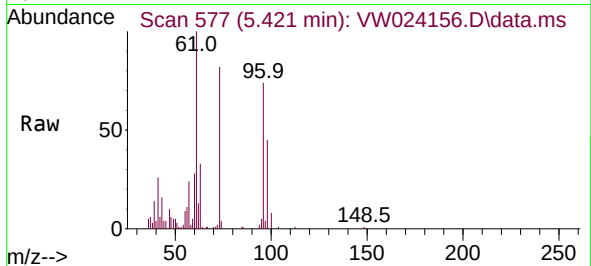




#17
trans-1,2-Dichloroethene
Concen: 5.269 ug/L
RT: 5.421 min Scan# 51
Delta R.T. 0.006 min
Lab File: VW024156.D
Acq: 04 Aug 2022 09:46

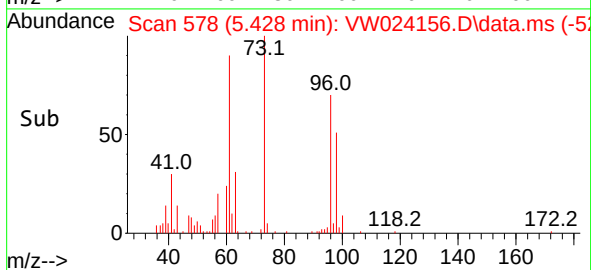
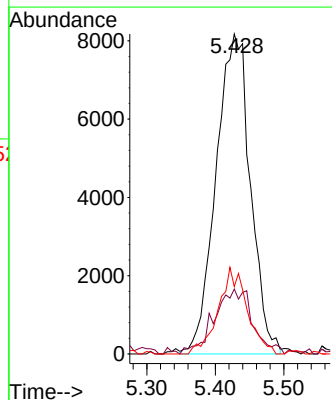
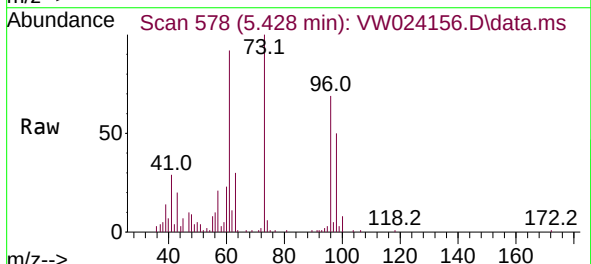
Instrument :
MSVOA_W
ClientSampleId :
VSTD005408

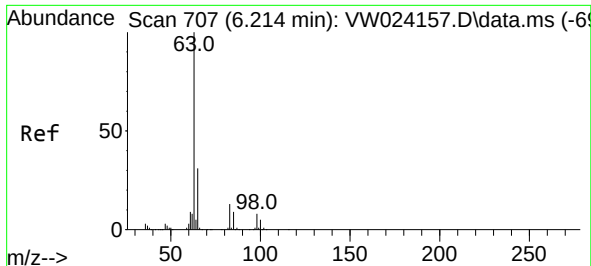
Tgt Ion: 96 Resp: 21220
Ion Ratio Lower Upper
96 100
61 135.2 93.0 172.8
98 60.4 48.5 90.1



#18
Methyl tert-butyl Ether
Concen: 4.978 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.006 min
Lab File: VW024156.D
Acq: 04 Aug 2022 09:46

Tgt Ion: 73 Resp: 28508
Ion Ratio Lower Upper
73 100
43 10.1 16.6 24.8#
57 10.4 17.6 26.4#





#19

1,1-Dichloroethane

Concen: 5.477 ug/L

RT: 6.202 min Scan# 707

Delta R.T. -0.012 min

Lab File: VW024156.D

Acq: 04 Aug 2022 09:46

Instrument :

MSVOA_W

ClientSampleId :

VSTD005408

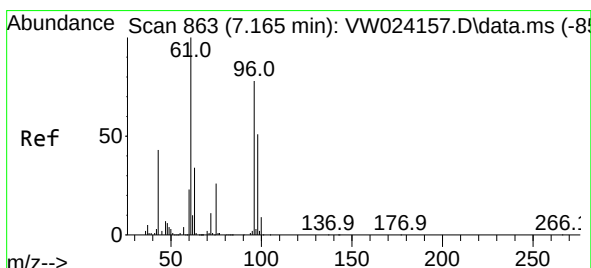
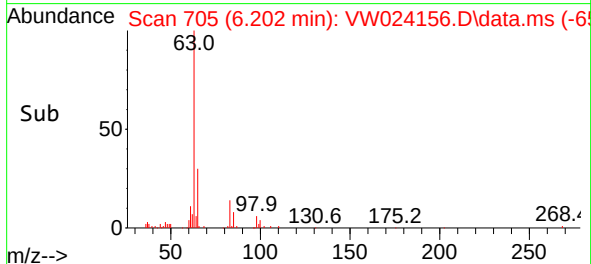
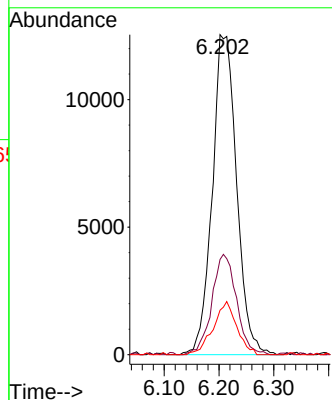
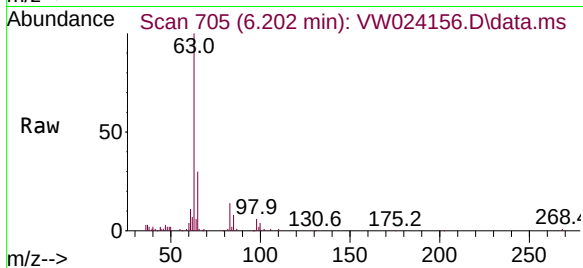
Tgt Ion: 63 Resp: 38744

Ion Ratio Lower Upper

63 100

65 29.8 22.0 41.0

83 13.9 9.2 17.0



#20

cis-1,2-Dichloroethene

Concen: 4.966 ug/L

RT: 7.165 min Scan# 863

Delta R.T. -0.000 min

Lab File: VW024156.D

Acq: 04 Aug 2022 09:46

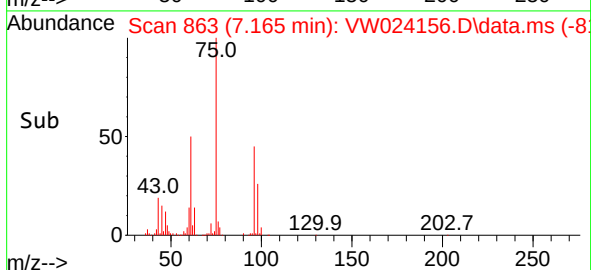
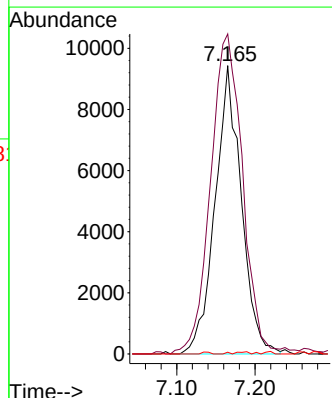
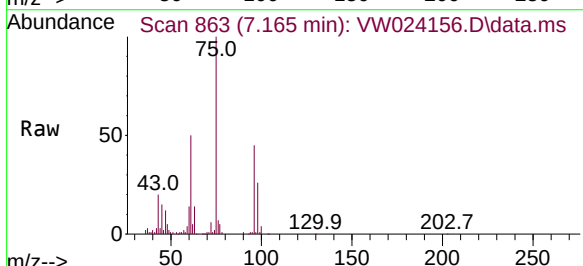
Tgt Ion: 96 Resp: 21935

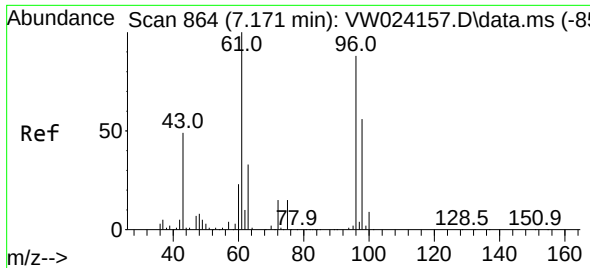
Ion Ratio Lower Upper

96 100

61 111.0 89.5 166.3

68 1.2 0.1 0.1#

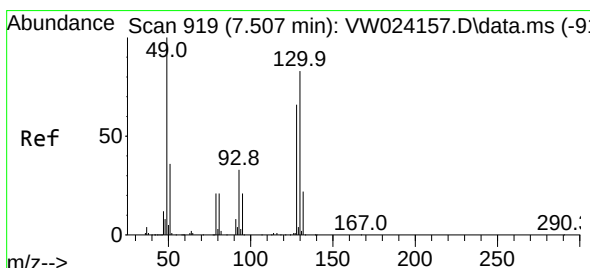
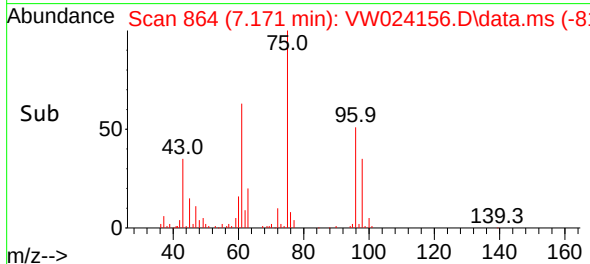
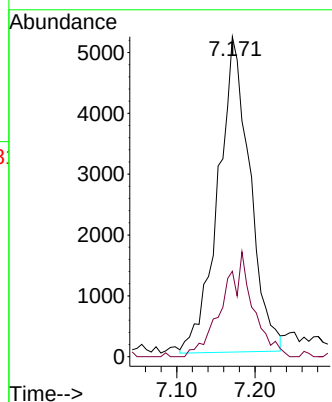
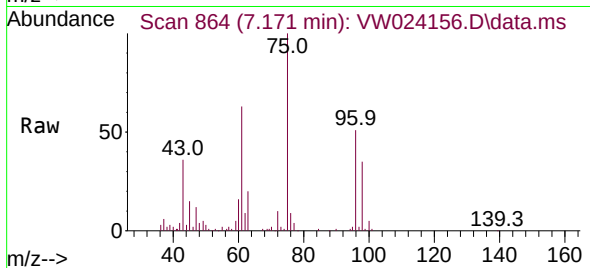




#22
2-Butanone
Concen: 10.259 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW024156.D
Acq: 04 Aug 2022 09:46

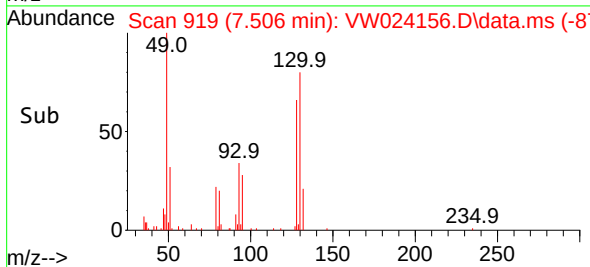
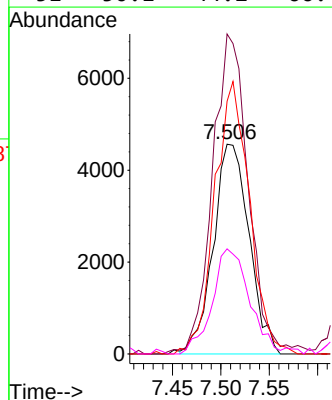
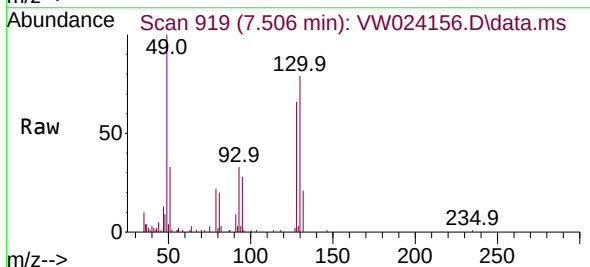
Instrument :
MSVOA_W
ClientSampleId :
VSTD005408

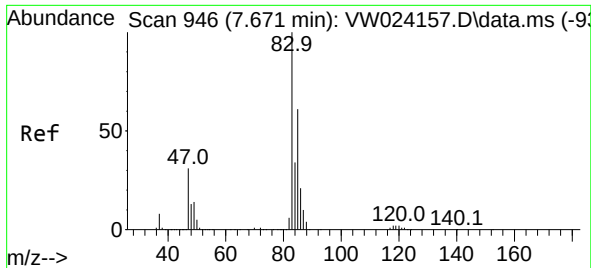
Tgt Ion: 43 Resp: 14667
Ion Ratio Lower Upper
43 100
72 17.0 14.3 42.9



#23
Bromochloromethane
Concen: 5.346 ug/L
RT: 7.506 min Scan# 919
Delta R.T. -0.000 min
Lab File: VW024156.D
Acq: 04 Aug 2022 09:46

Tgt Ion: 128 Resp: 11741
Ion Ratio Lower Upper
128 100
49 152.5 106.6 198.0
130 120.5 88.1 163.5
51 50.1 44.2 66.4

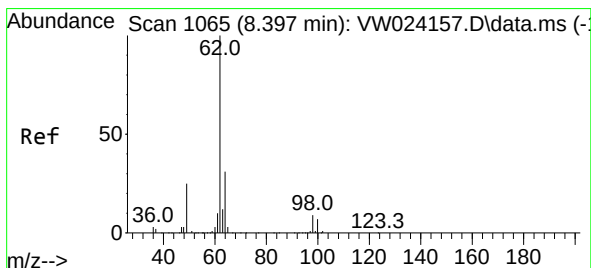
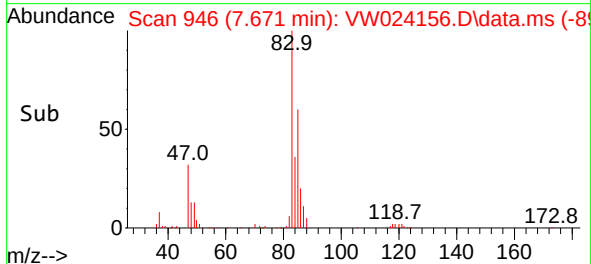
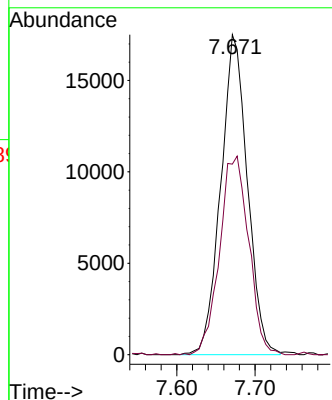
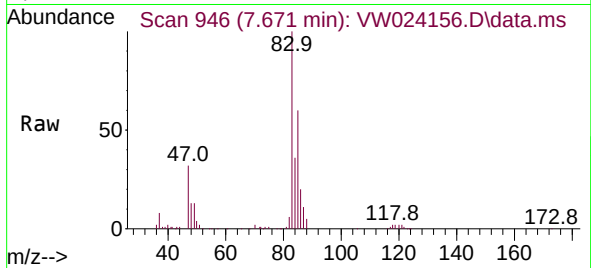




#25
Chloroform
Concen: 5.310 ug/L
RT: 7.671 min Scan# 946
Delta R.T. -0.000 min
Lab File: VW024156.D
Acq: 04 Aug 2022 09:46

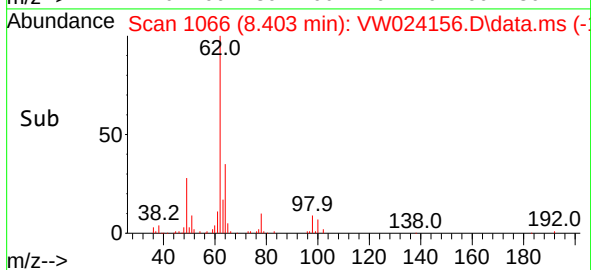
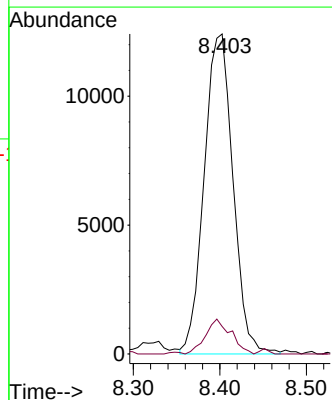
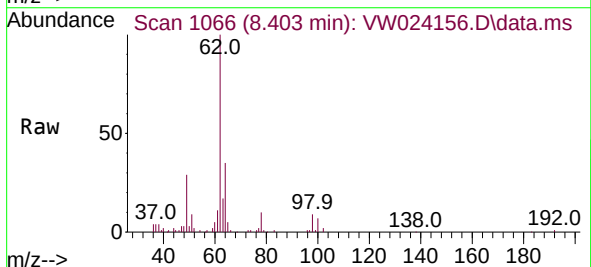
Instrument :
MSVOA_W
ClientSampleId :
VSTD005408

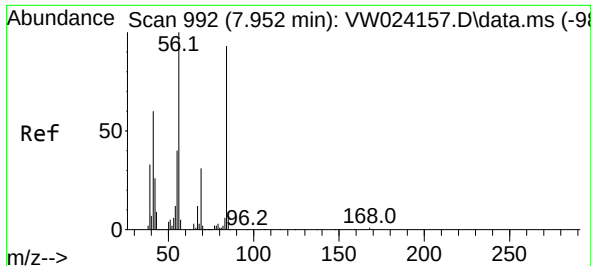
Tgt Ion: 83 Resp: 41395
Ion Ratio Lower Upper
83 100
85 59.5 42.9 79.7



#27
1,2-Dichloroethane
Concen: 5.473 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VW024156.D
Acq: 04 Aug 2022 09:46

Tgt Ion: 62 Resp: 28709
Ion Ratio Lower Upper
62 100
98 8.6 7.4 11.0





#29

Cyclohexane

Concen: 4.833 ug/L

RT: 7.951 min Scan# 992

Delta R.T. -0.000 min

Lab File: VW024156.D

Acq: 04 Aug 2022 09:46

Instrument :

MSVOA_W

ClientSampleId :

VSTD005408

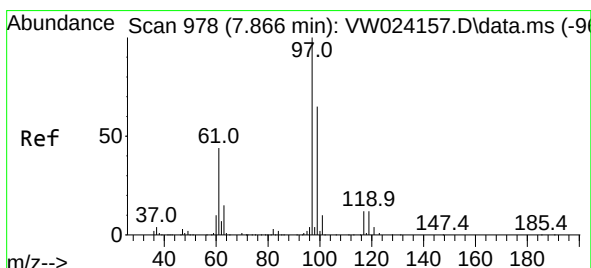
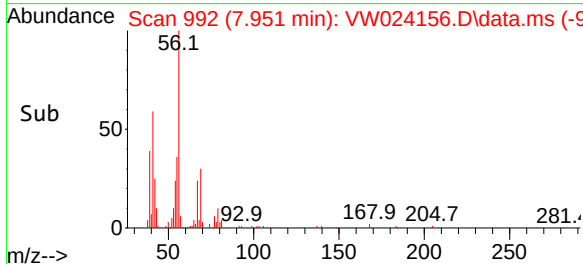
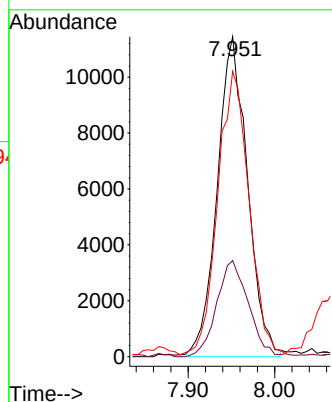
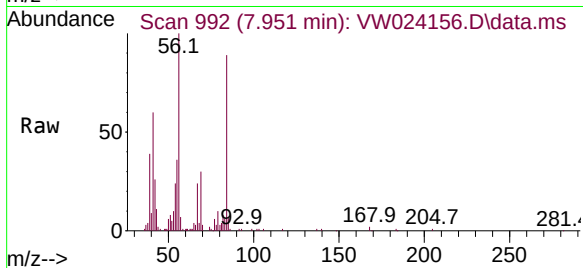
Tgt Ion: 56 Resp: 27812

Ion Ratio Lower Upper

56 100

69 31.1 24.5 36.7

84 92.5 75.5 113.3



#30

1,1,1-Trichloroethane

Concen: 5.276 ug/L

RT: 7.872 min Scan# 979

Delta R.T. 0.006 min

Lab File: VW024156.D

Acq: 04 Aug 2022 09:46

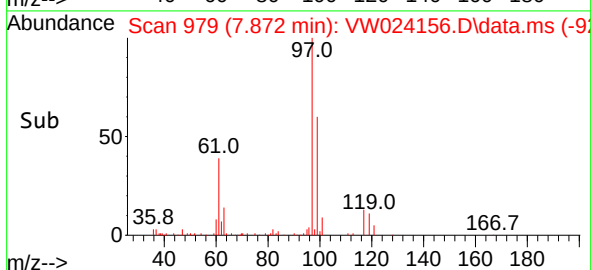
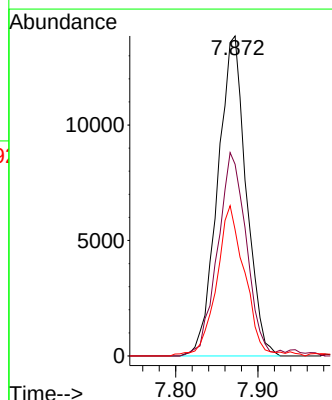
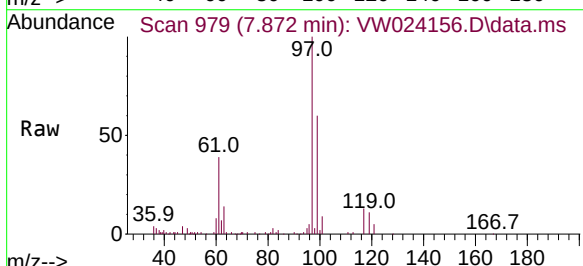
Tgt Ion: 97 Resp: 33397

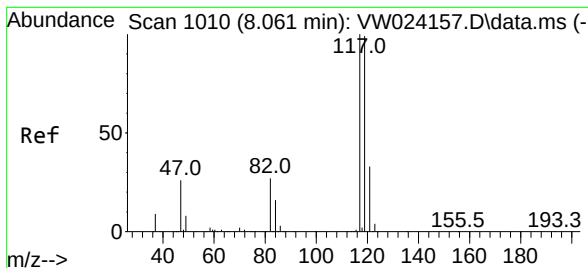
Ion Ratio Lower Upper

97 100

99 64.1 51.0 76.6

61 46.2 36.2 54.2

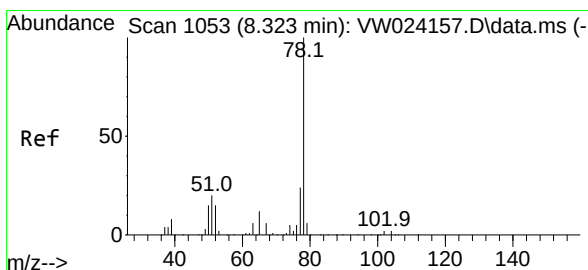
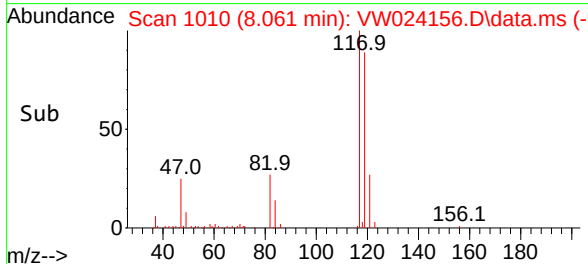
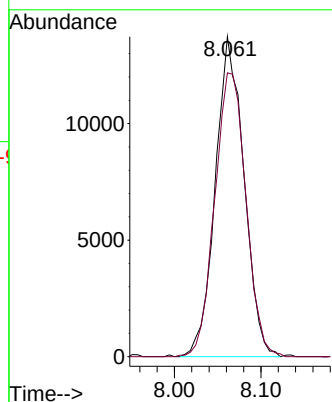
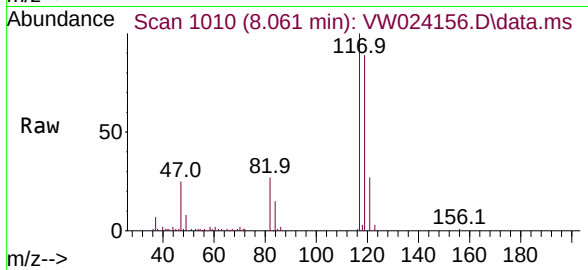




#31
Carbon tetrachloride
Concen: 5.284 ug/L
RT: 8.061 min Scan# 1010
Delta R.T. -0.000 min
Lab File: VW024156.D
Acq: 04 Aug 2022 09:46

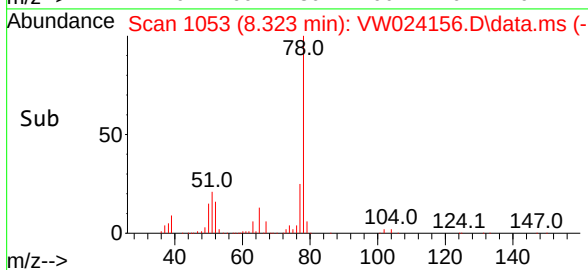
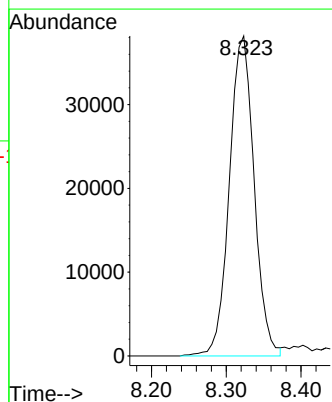
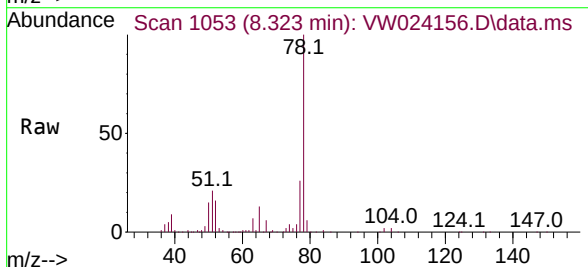
Instrument :
MSVOA_W
ClientSampleId :
VSTD005408

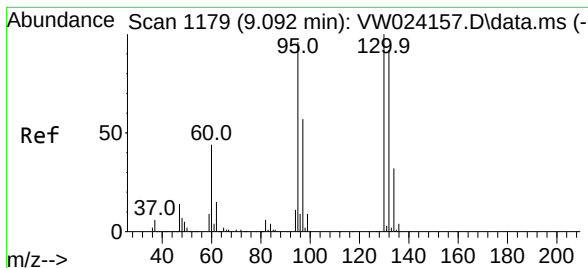
Tgt Ion:117 Resp: 31554
Ion Ratio Lower Upper
117 100
119 96.5 77.8 116.8



#33
Benzene
Concen: 5.319 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW024156.D
Acq: 04 Aug 2022 09:46

Tgt Ion: 78 Resp: 88166





#34

Trichloroethene

Concen: 5.318 ug/L

RT: 9.085 min Scan# 1178

Delta R.T. -0.006 min

Lab File: VW024156.D

Acq: 04 Aug 2022 09:46

Instrument :

MSVOA_W

ClientSampleId :

VSTD005408

Tgt Ion: 95 Resp: 23302

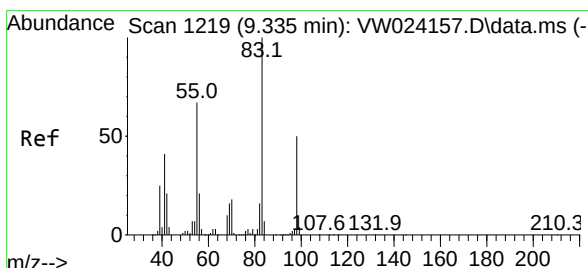
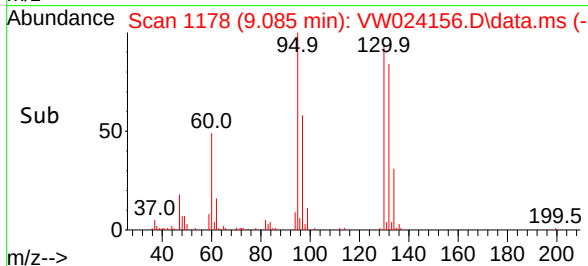
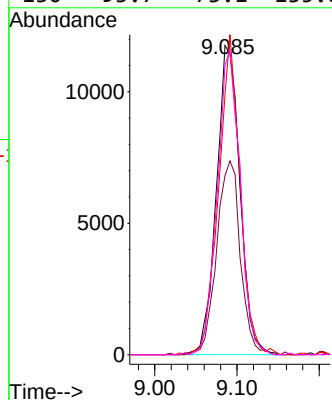
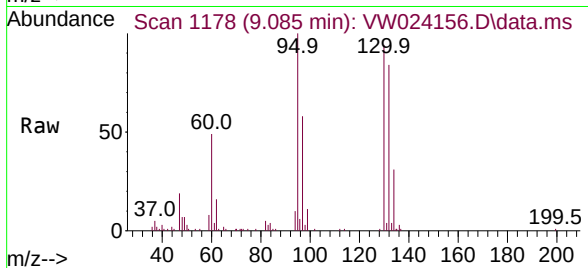
Ion Ratio Lower Upper

95 100

97 58.0 41.6 77.2

132 84.2 67.0 124.4

130 93.7 73.1 135.8



#35

Methylcyclohexane

Concen: 4.780 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VW024156.D

Acq: 04 Aug 2022 09:46

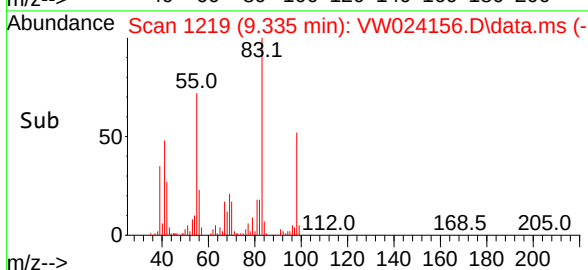
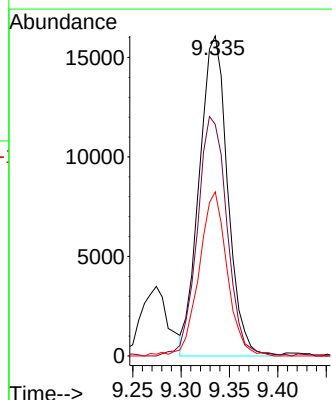
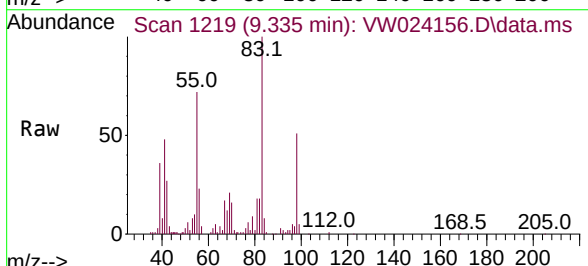
Tgt Ion: 83 Resp: 32843

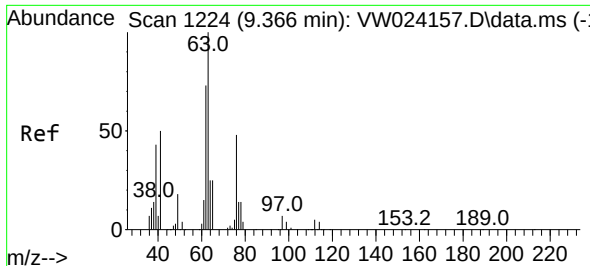
Ion Ratio Lower Upper

83 100

55 78.4 59.1 88.7

98 50.4 40.8 61.2





#37

1,2-Dichloropropane

Concen: 5.483 ug/L

RT: 9.366 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW024156.D

Acq: 04 Aug 2022 09:46

Instrument :

MSVOA_W

ClientSampleId :

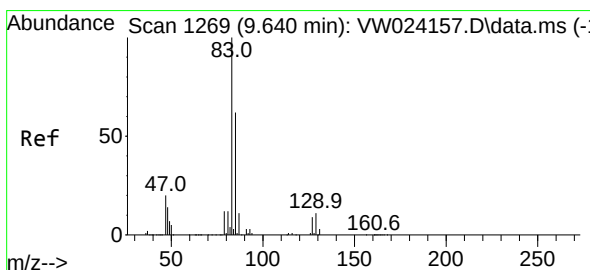
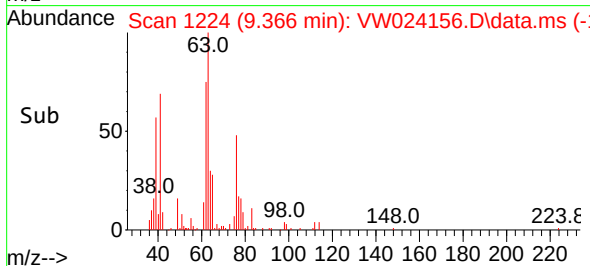
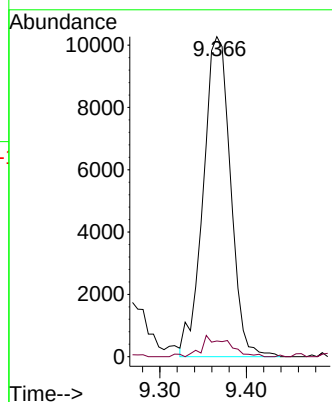
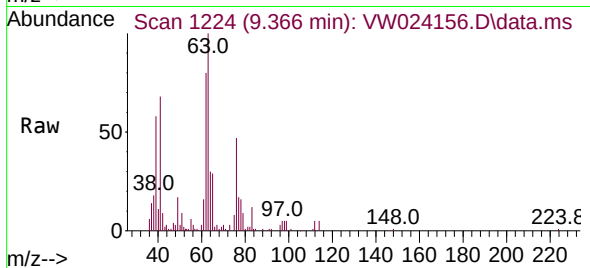
VSTD005408

Tgt Ion: 63 Resp: 22466

Ion Ratio Lower Upper

63 100

112 1.5 3.8 5.6#



#38

Bromodichloromethane

Concen: 5.280 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.006 min

Lab File: VW024156.D

Acq: 04 Aug 2022 09:46

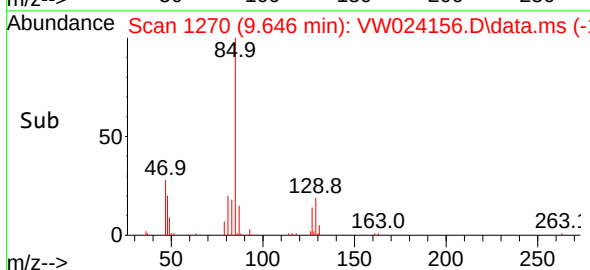
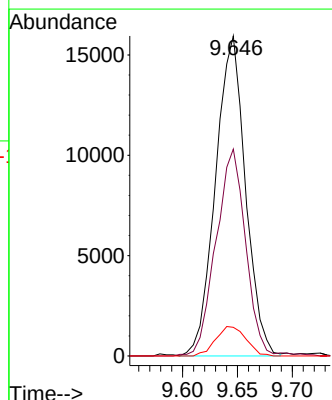
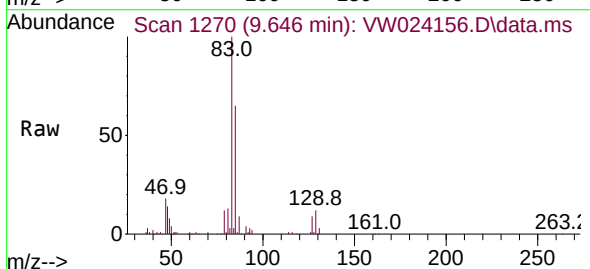
Tgt Ion: 83 Resp: 30345

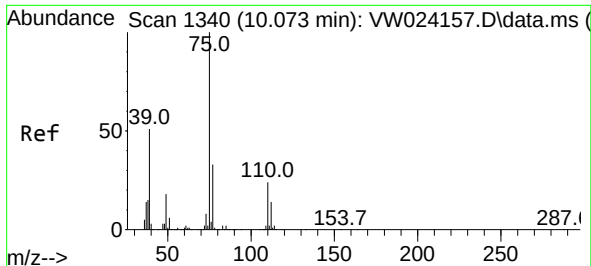
Ion Ratio Lower Upper

83 100

85 64.7 43.7 81.1

127 9.0 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 4.655 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. -0.000 min

Lab File: VW024156.D

Acq: 04 Aug 2022 09:46

Instrument :

MSVOA_W

ClientSampleId :

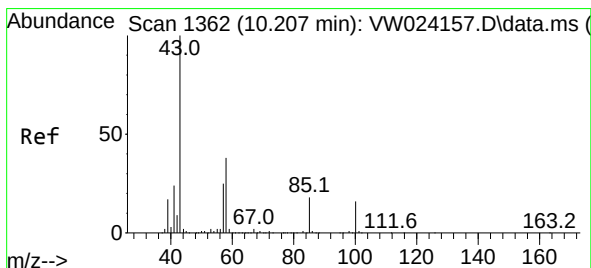
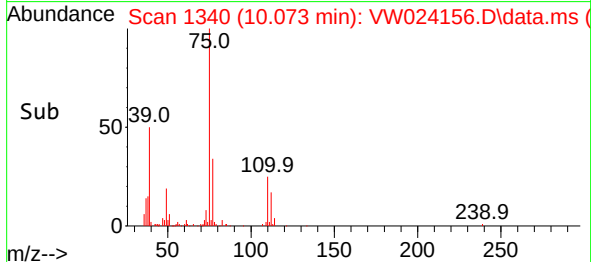
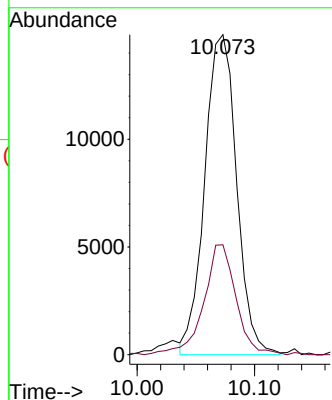
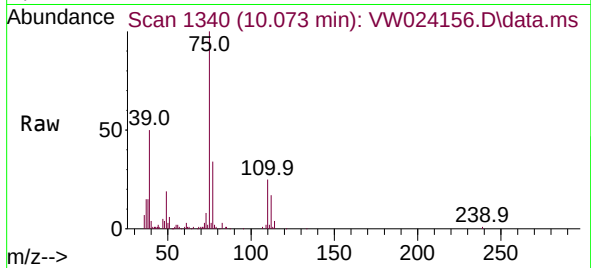
VSTD005408

Tgt Ion: 75 Resp: 28061

Ion Ratio Lower Upper

75 100

77 34.4 23.4 43.6



#40

4-Methyl-2-pentanone

Concen: 9.948 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW024156.D

Acq: 04 Aug 2022 09:46

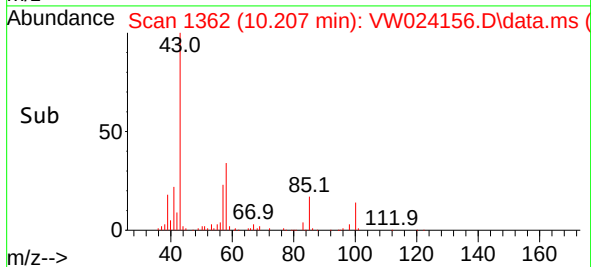
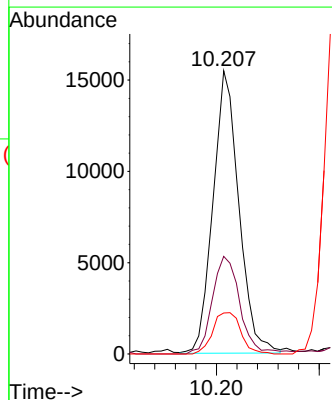
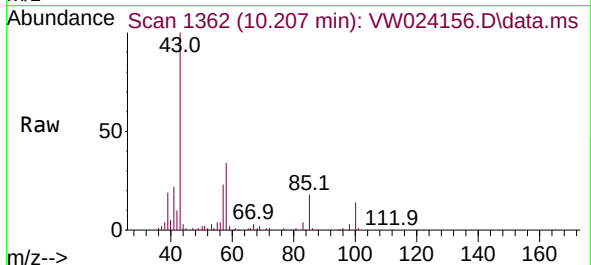
Tgt Ion: 43 Resp: 27054

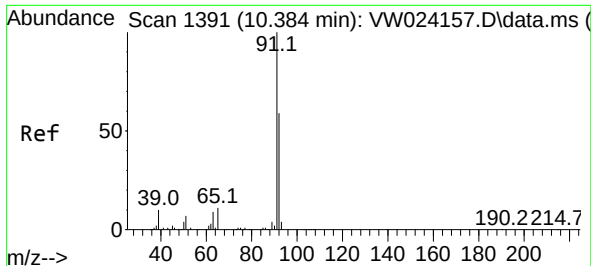
Ion Ratio Lower Upper

43 100

58 35.7 30.5 45.7

100 15.9 13.8 20.6

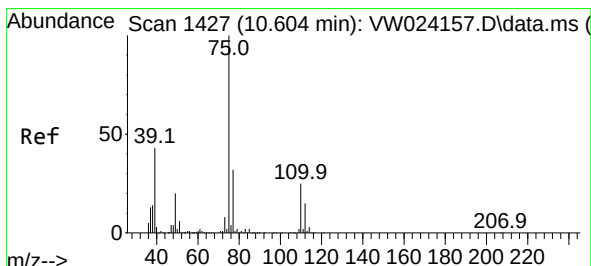
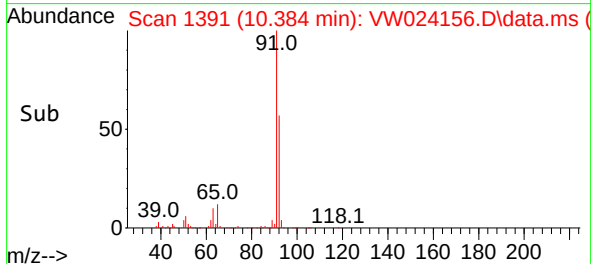
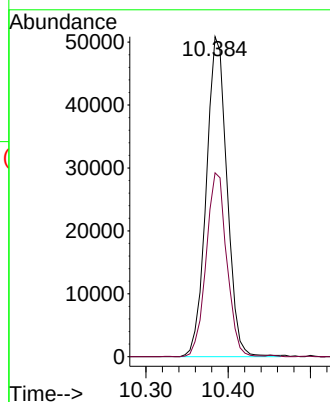
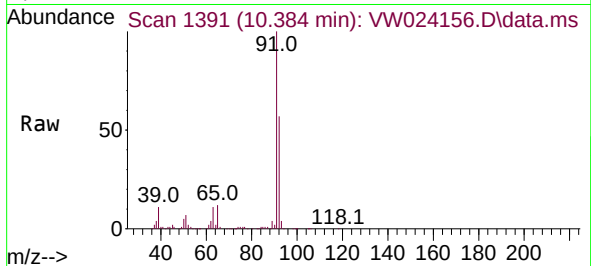




#42
Toluene
Concen: 5.049 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.000 min
Lab File: VW024156.D
Acq: 04 Aug 2022 09:46

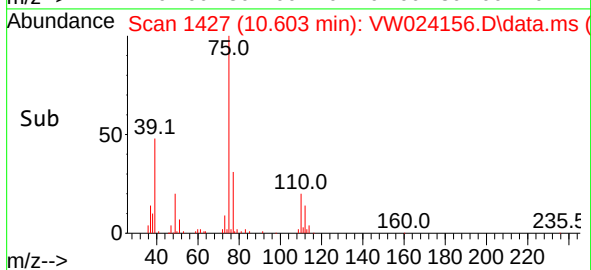
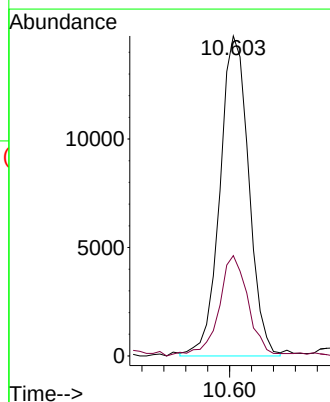
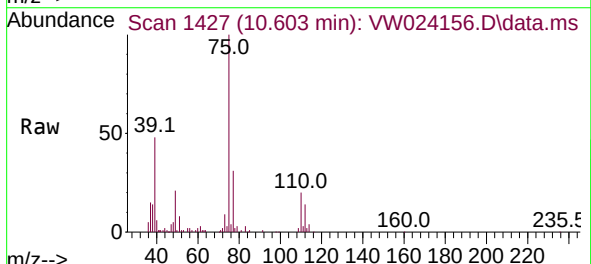
Instrument :
MSVOA_W
ClientSampleId :
VSTD005408

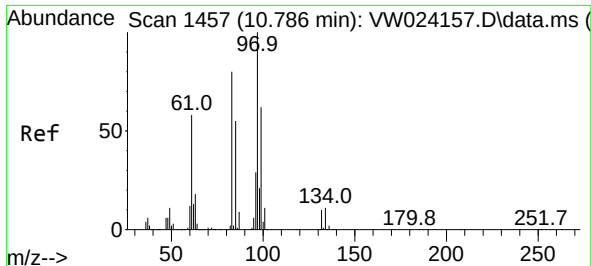
Tgt Ion: 91 Resp: 88935
Ion Ratio Lower Upper
91 100
92 57.4 41.4 77.0



#44
trans-1,3-Dichloropropene
Concen: 4.886 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW024156.D
Acq: 04 Aug 2022 09:46

Tgt Ion: 75 Resp: 26912
Ion Ratio Lower Upper
75 100
77 31.4 22.4 41.6

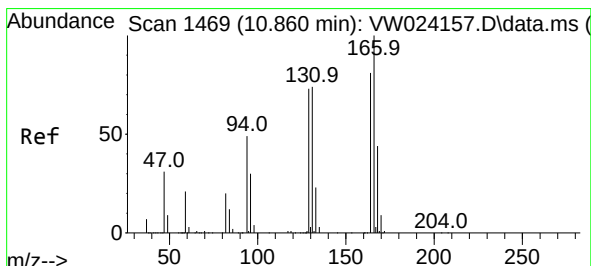
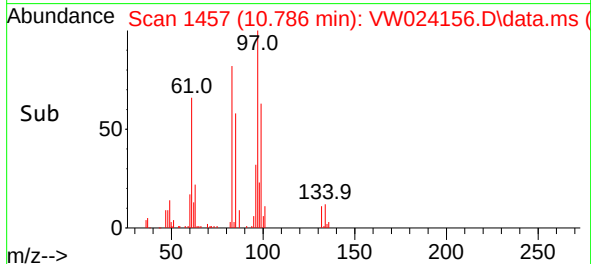
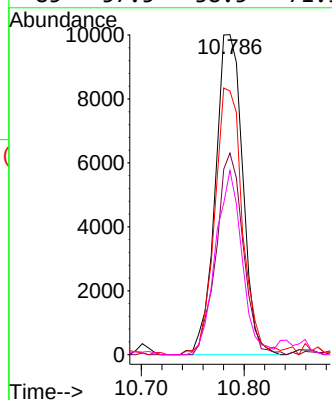
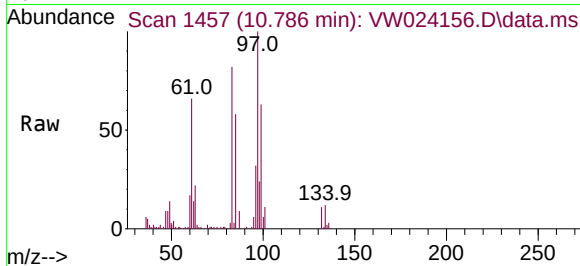




#45
1,1,2-Trichloroethane
Concen: 5.362 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW024156.D
Acq: 04 Aug 2022 09:46

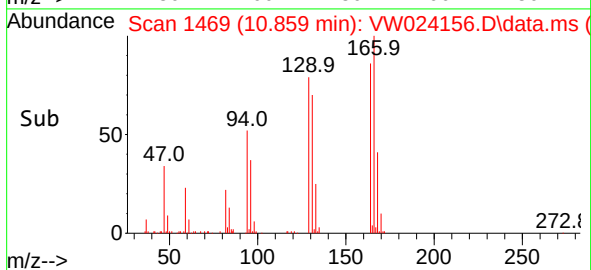
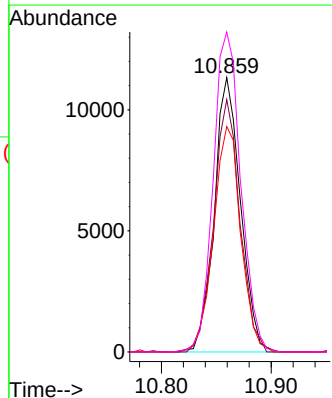
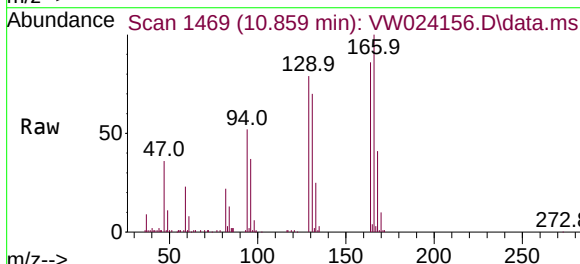
Instrument :
MSVOA_W
ClientSampleId :
VSTD005408

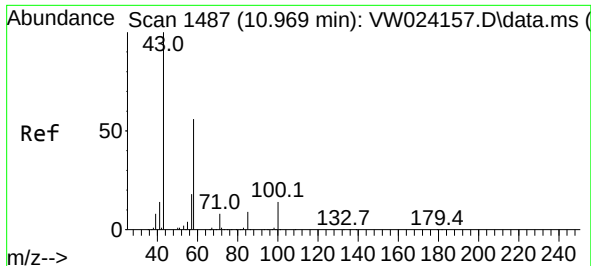
Tgt Ion:	97	Resp:	18518
Ion	Ratio	Lower	Upper
97	100		
99	63.0	43.8	81.3
83	82.4	56.4	104.7
85	57.5	38.5	71.5



#46
Tetrachloroethene
Concen: 5.292 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW024156.D
Acq: 04 Aug 2022 09:46

Tgt Ion:	164	Resp:	18771
Ion	Ratio	Lower	Upper
164	100		
129	92.0	63.1	117.3
131	82.2	63.9	118.7
166	116.6	86.8	161.2

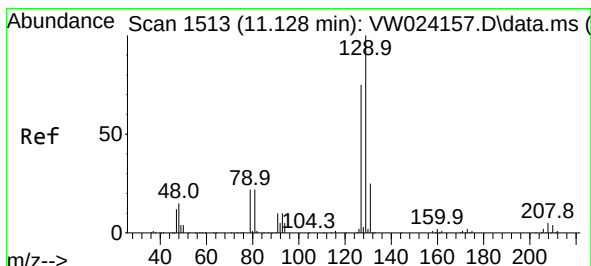
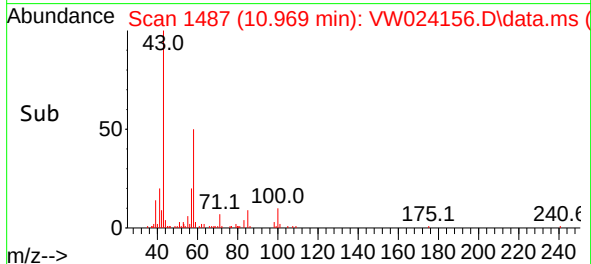
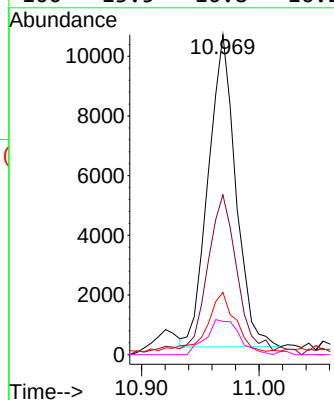
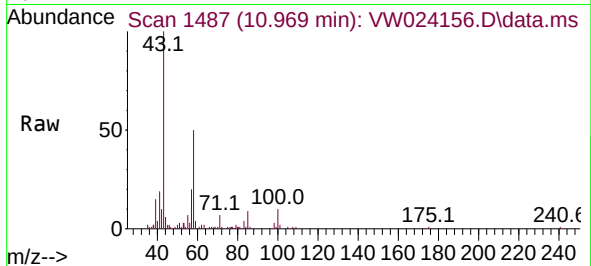




#48
2-Hexanone
Concen: 9.216 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW024156.D
Acq: 04 Aug 2022 09:46

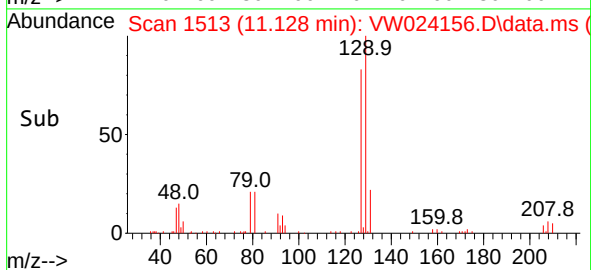
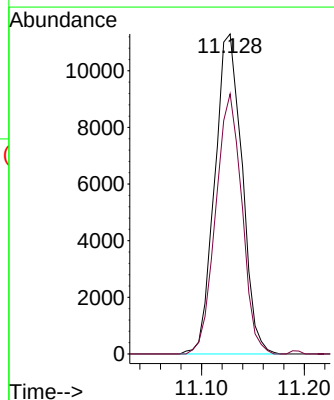
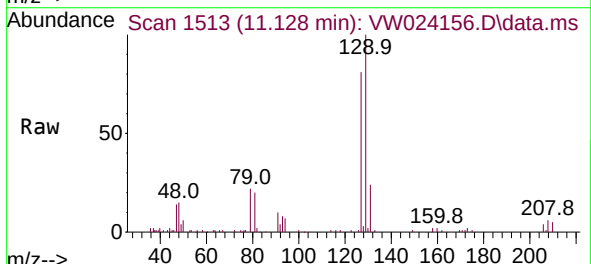
Instrument :
MSVOA_W
ClientSampleId :
VSTD005408

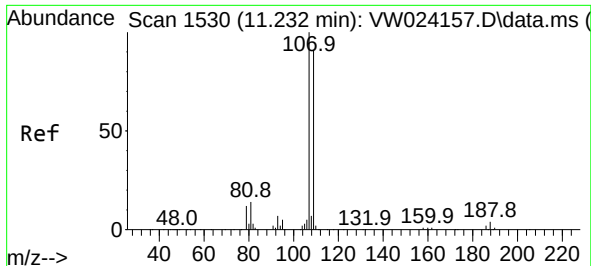
Tgt Ion:	43	Resp:	17010
Ion	Ratio	Lower	Upper
43	100		
58	54.0	43.4	65.0
57	23.3	15.0	22.4
100	13.5	10.8	16.2



#49
Dibromochloromethane
Concen: 5.014 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW024156.D
Acq: 04 Aug 2022 09:46

Tgt Ion:	129	Resp:	20848
Ion	Ratio	Lower	Upper
129	100		
127	81.3	52.3	97.1

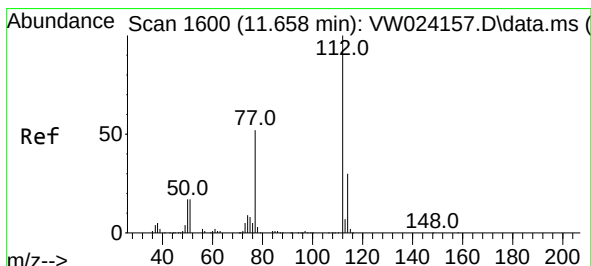
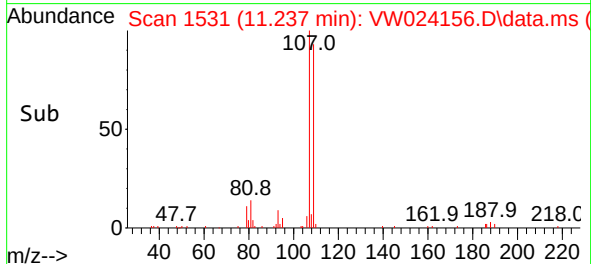
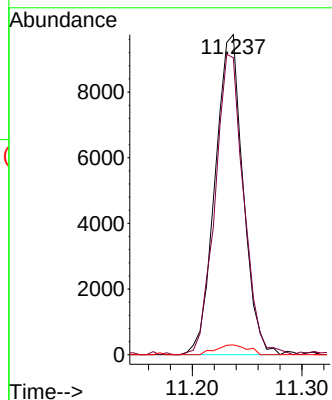
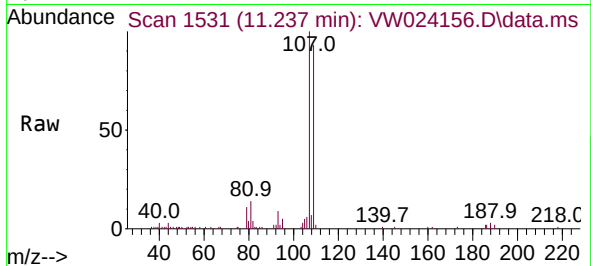




#50
1,2-Dibromoethane
Concen: 5.216 ug/L
RT: 11.237 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW024156.D
Acq: 04 Aug 2022 09:46

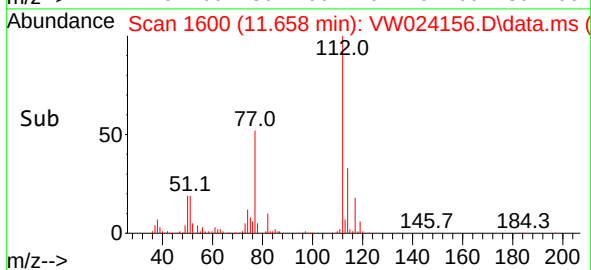
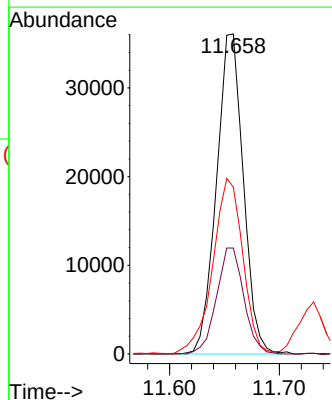
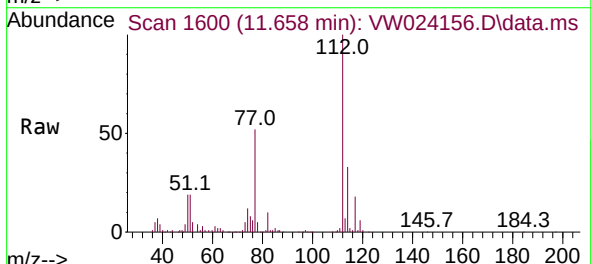
Instrument :
MSVOA_W
ClientSampleId :
VSTD005408

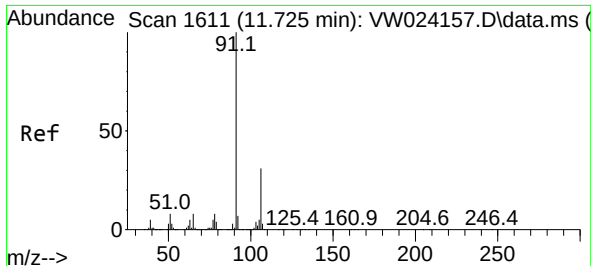
Tgt Ion:107 Resp: 17259
Ion Ratio Lower Upper
107 100
109 92.8 64.0 119.0
188 3.1 3.1 4.7#



#51
Chlorobenzene
Concen: 5.113 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VW024156.D
Acq: 04 Aug 2022 09:46

Tgt Ion:112 Resp: 61539
Ion Ratio Lower Upper
112 100
114 33.1 20.7 38.5
77 52.2 41.4 62.2

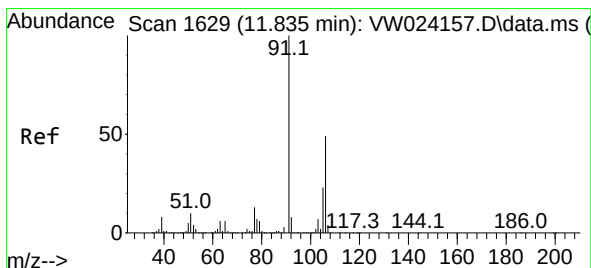
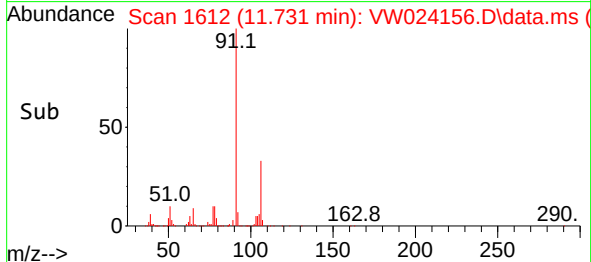
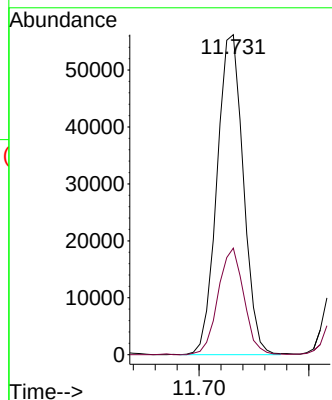
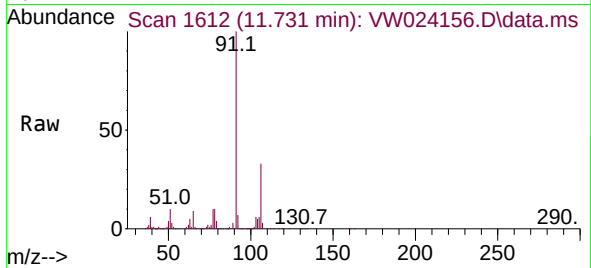




#52
Ethylbenzene
Concen: 4.865 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.006 min
Lab File: VW024156.D
Acq: 04 Aug 2022 09:46

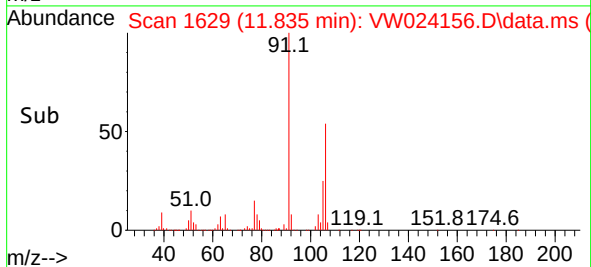
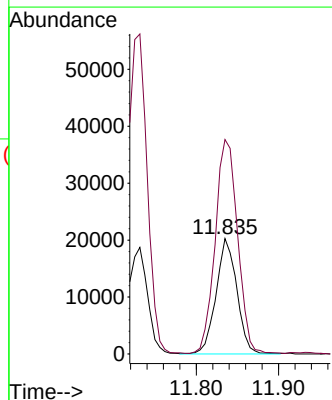
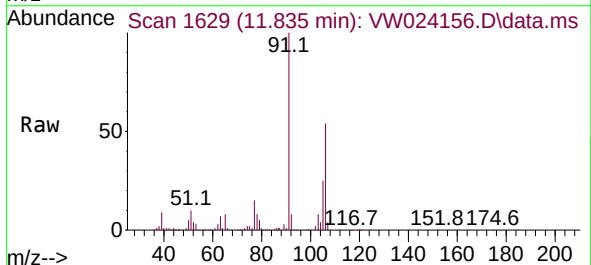
Instrument :
MSVOA_W
ClientSampleId :
VSTD005408

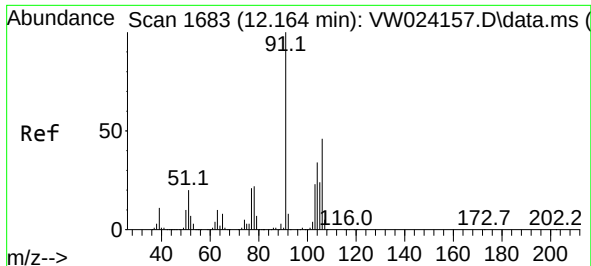
Tgt Ion: 91 Resp: 93895
Ion Ratio Lower Upper
91 100
106 33.3 21.9 40.7



#53
m,p-Xylene
Concen: 4.748 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VW024156.D
Acq: 04 Aug 2022 09:46

Tgt Ion: 106 Resp: 35670
Ion Ratio Lower Upper
106 100
91 185.7 144.1 267.7

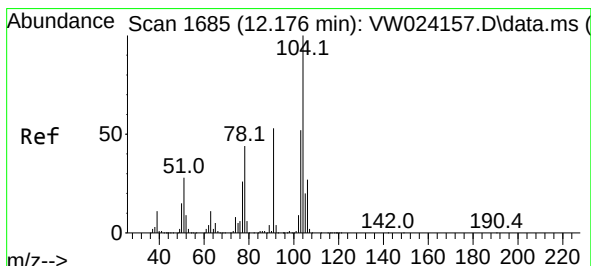
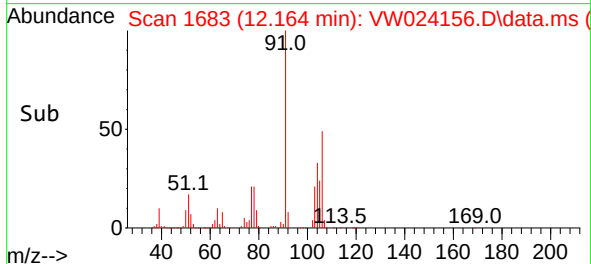
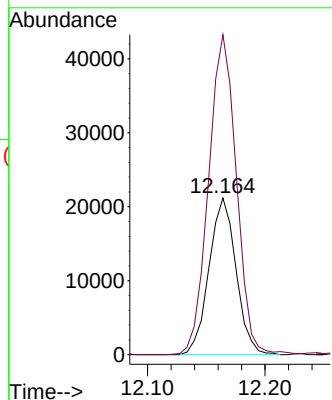
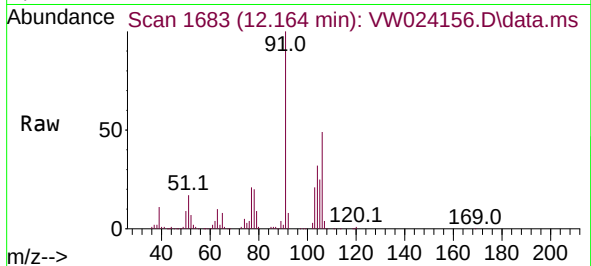




#54
o-Xylene
Concen: 4.772 ug/L
RT: 12.164 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW024156.D
Acq: 04 Aug 2022 09:46

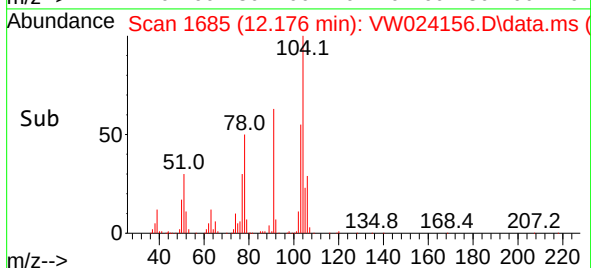
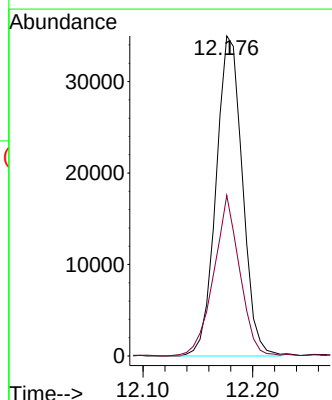
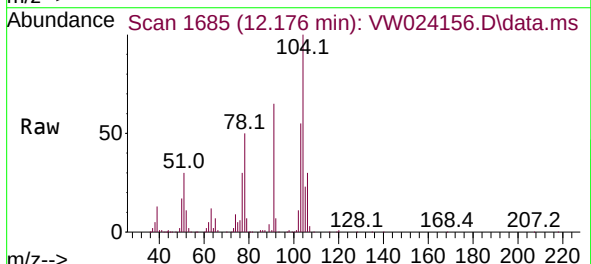
Instrument :
MSVOA_W
ClientSampleId :
VSTD005408

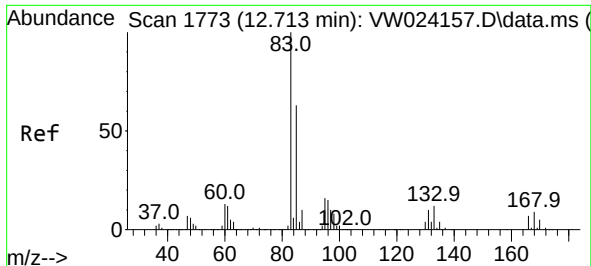
Tgt Ion:106 Resp: 33868
Ion Ratio Lower Upper
106 100
91 204.2 150.9 280.3



#55
Styrene
Concen: 4.742 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW024156.D
Acq: 04 Aug 2022 09:46

Tgt Ion:104 Resp: 58530
Ion Ratio Lower Upper
104 100
78 50.2 31.1 57.7





#57

1,1,2,2-Tetrachloroethane

Concen: 5.410 ug/L

RT: 12.713 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW024156.D

Acq: 04 Aug 2022 09:46

Instrument :

MSVOA_W

ClientSampleId :

VSTD005408

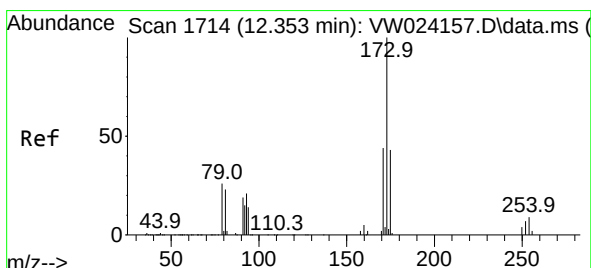
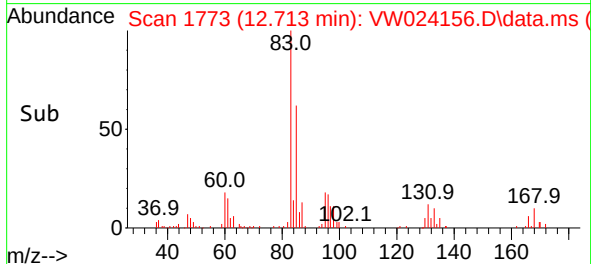
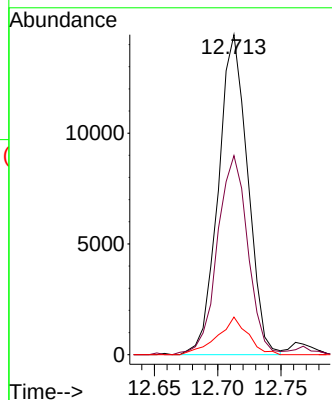
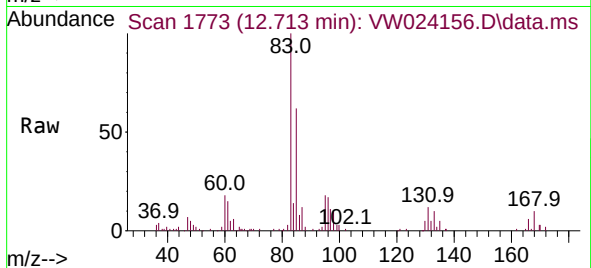
Tgt Ion: 83 Resp: 23350

Ion Ratio Lower Upper

83 100

85 62.2 44.1 81.9

131 11.8 8.3 12.5



#59

Bromoform

Concen: 4.951 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. -0.006 min

Lab File: VW024156.D

Acq: 04 Aug 2022 09:46

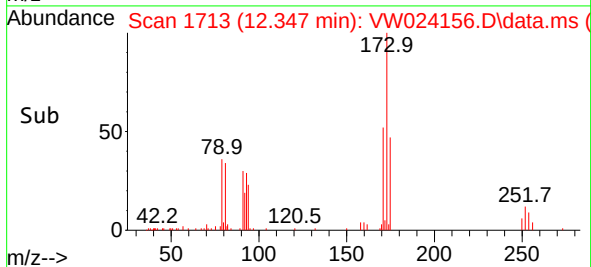
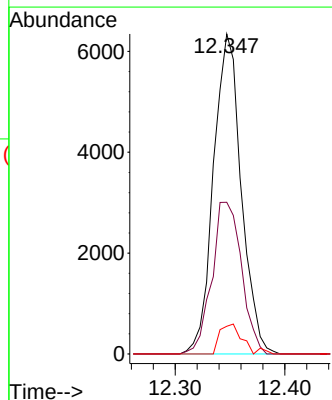
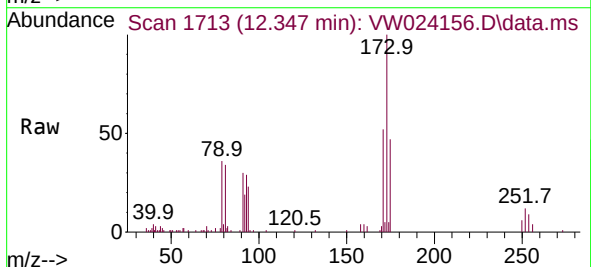
Tgt Ion: 173 Resp: 11163

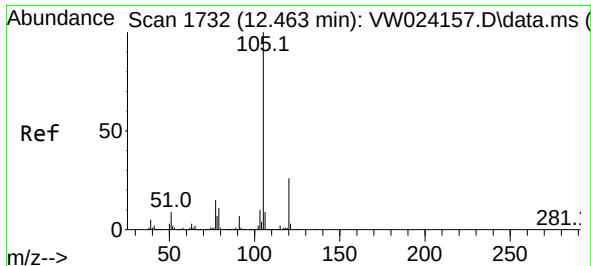
Ion Ratio Lower Upper

173 100

175 50.6 39.0 58.6

254 7.2 6.8 10.2

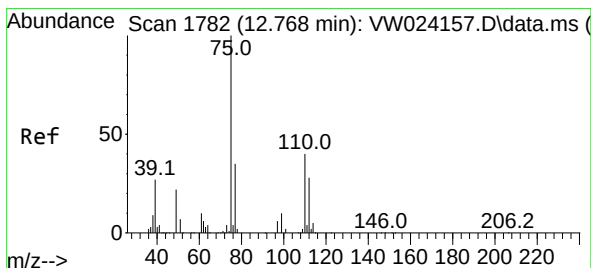
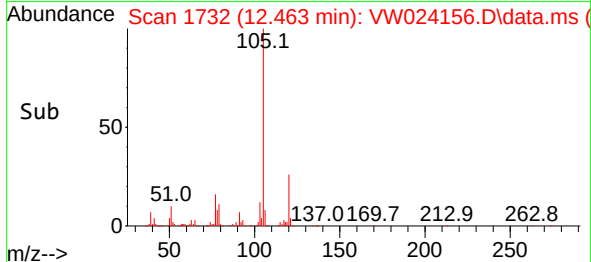
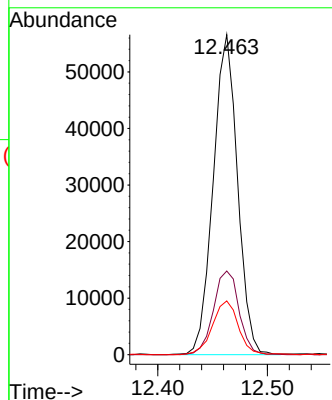
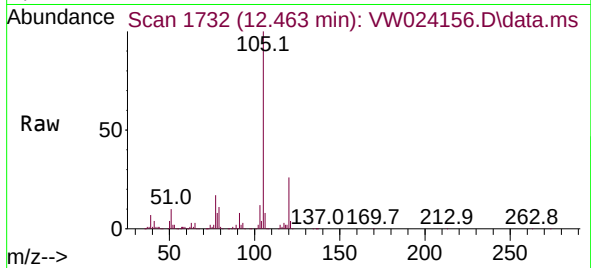




#60
Isopropylbenzene
Concen: 4.875 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW024156.D
Acq: 04 Aug 2022 09:46

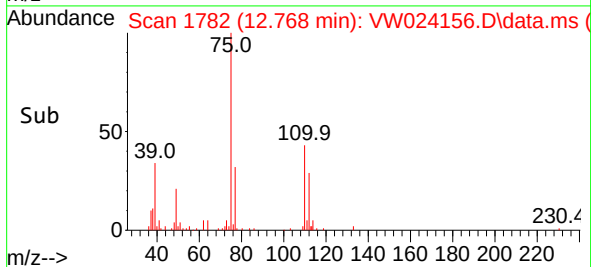
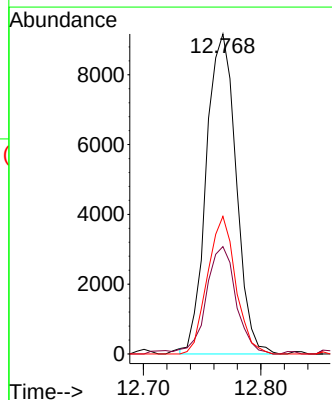
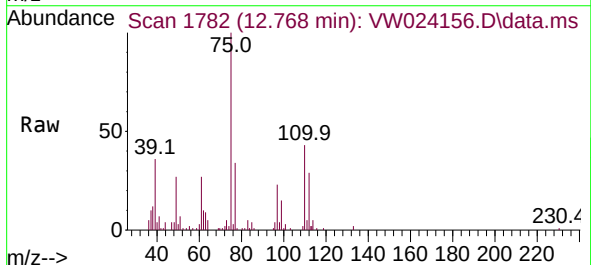
Instrument :
MSVOA_W
ClientSampleId :
VSTD005408

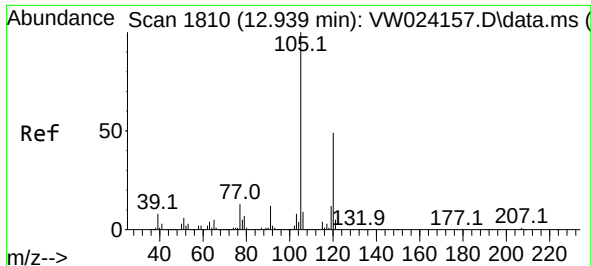
Tgt Ion:105 Resp: 87228
Ion Ratio Lower Upper
105 100
120 27.4 21.4 32.2
77 17.9 12.4 18.6



#61
1,2,3-Trichloropropane
Concen: 5.491 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW024156.D
Acq: 04 Aug 2022 09:46

Tgt Ion: 75 Resp: 16153
Ion Ratio Lower Upper
75 100
77 33.4 26.2 39.4
110 40.6 33.6 50.4





#62

1,3,5-Trimethylbenzene

Concen: 4.565 ug/L

RT: 12.938 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VW024156.D

Acq: 04 Aug 2022 09:46

Instrument :

MSVOA_W

ClientSampleId :

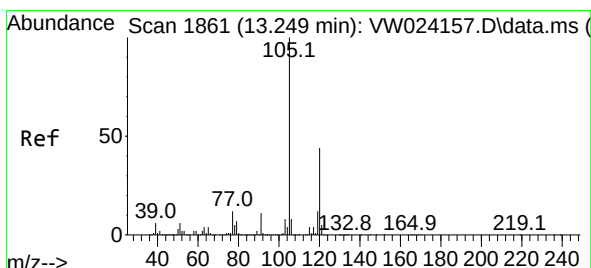
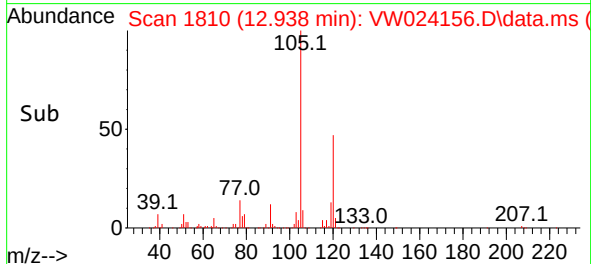
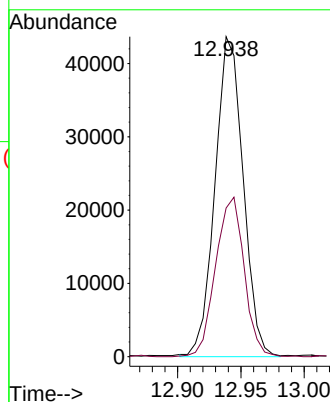
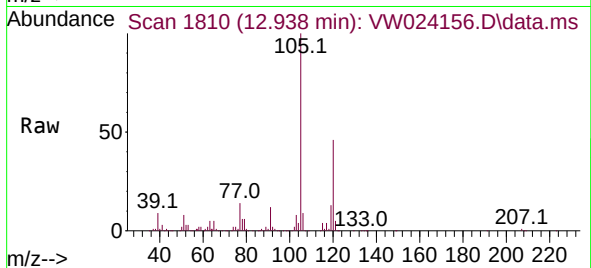
VSTD005408

Tgt Ion:105 Resp: 67495

Ion Ratio Lower Upper

105 100

120 50.6 39.7 59.5



#63

1,2,4-Trimethylbenzene

Concen: 4.611 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. -0.000 min

Lab File: VW024156.D

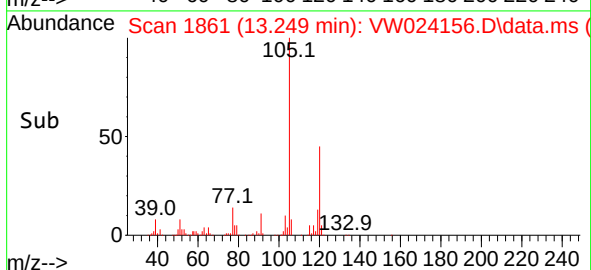
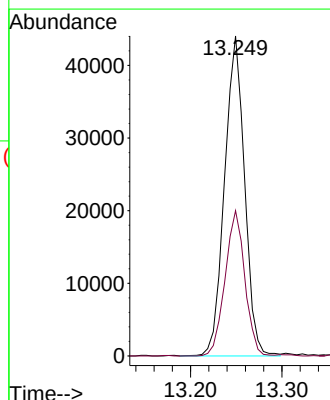
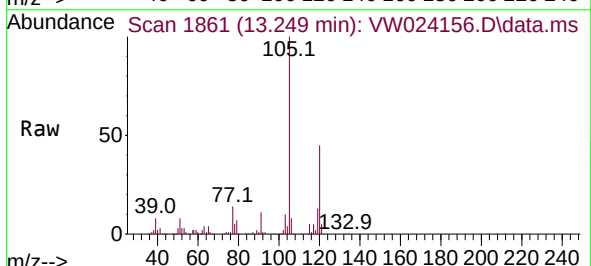
Acq: 04 Aug 2022 09:46

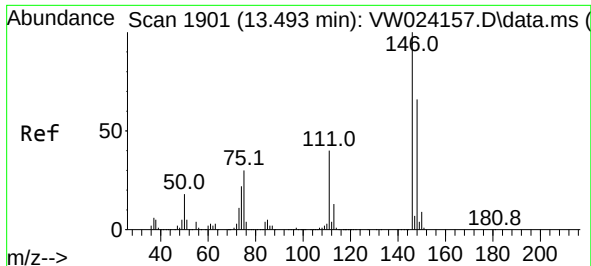
Tgt Ion:105 Resp: 67140

Ion Ratio Lower Upper

105 100

120 44.7 36.4 54.6

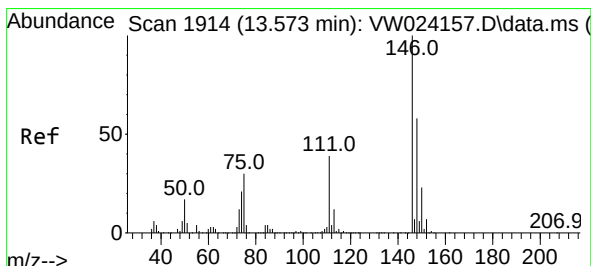
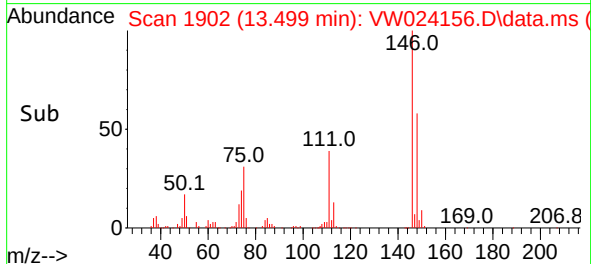
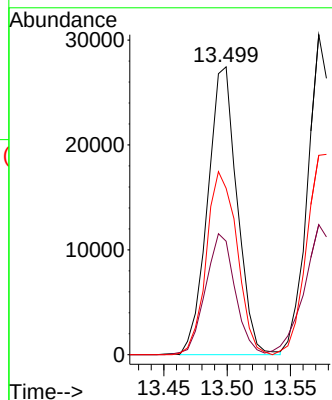
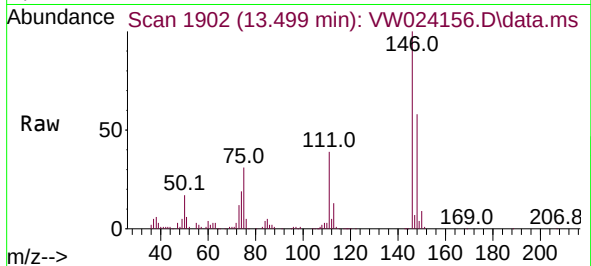




#64
1,3-Dichlorobenzene
Concen: 5.082 ug/L
RT: 13.499 min Scan# 1901
Delta R.T. 0.006 min
Lab File: VW024156.D
Acq: 04 Aug 2022 09:46

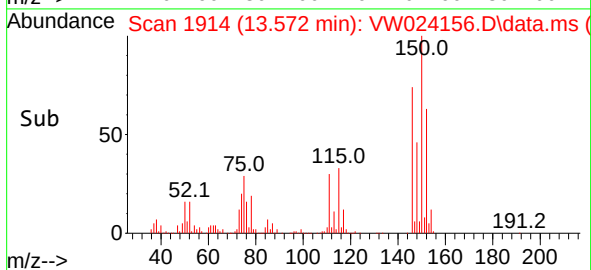
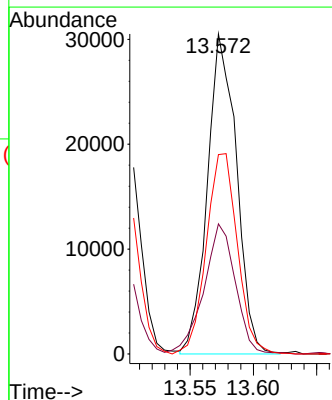
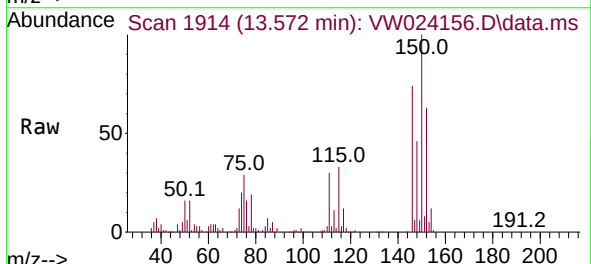
Instrument :
MSVOA_W
ClientSampleId :
VSTD005408

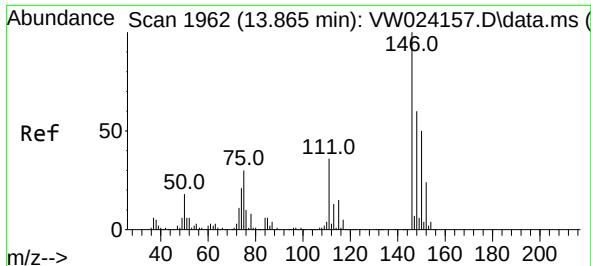
Tgt Ion:146 Resp: 44526
Ion Ratio Lower Upper
146 100
111 39.4 28.0 52.0
148 57.8 46.5 86.3



#65
1,4-Dichlorobenzene
Concen: 5.260 ug/L
RT: 13.572 min Scan# 1914
Delta R.T. -0.000 min
Lab File: VW024156.D
Acq: 04 Aug 2022 09:46

Tgt Ion:146 Resp: 48806
Ion Ratio Lower Upper
146 100
111 40.6 27.6 51.4
148 62.3 40.5 75.3





#67

1,2-Dichlorobenzene

Concen: 5.212 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VW024156.D

Acq: 04 Aug 2022 09:46

Instrument :

MSVOA_W

ClientSampleId :

VSTD005408

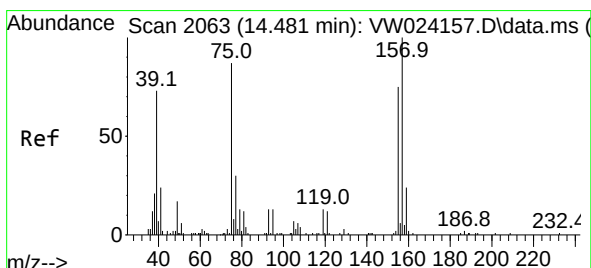
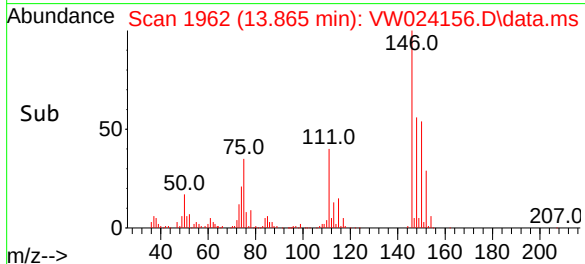
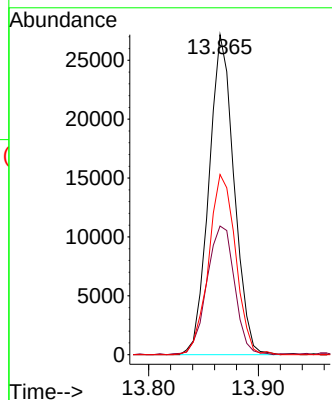
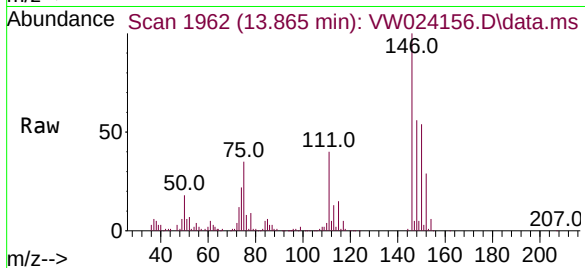
Tgt Ion:146 Resp: 43363

Ion Ratio Lower Upper

146 100

111 40.2 29.0 43.6

148 56.3 47.8 71.8



#68

1,2-Dibromo-3-chloropropane

Concen: 5.480 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW024156.D

Acq: 04 Aug 2022 09:46

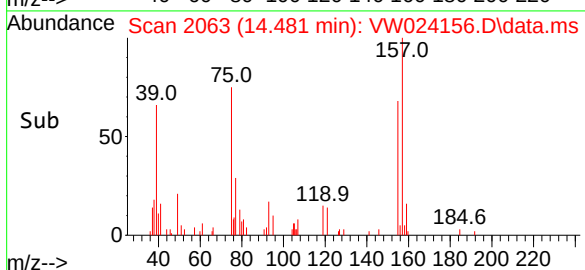
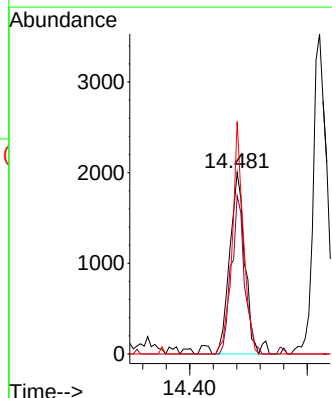
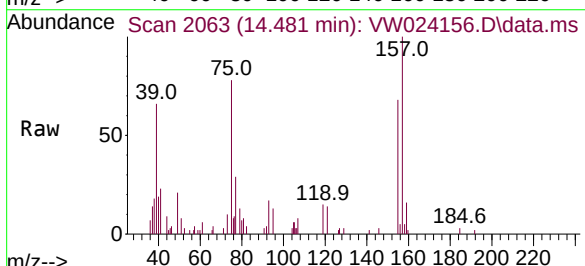
Tgt Ion: 75 Resp: 3766

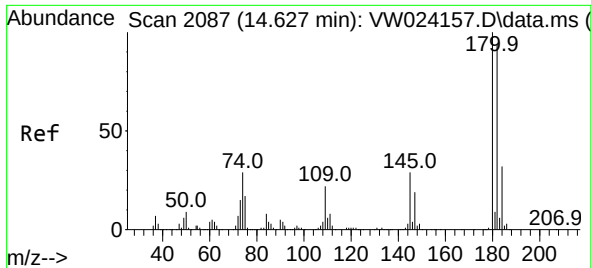
Ion Ratio Lower Upper

75 100

155 87.1 68.8 103.2

157 128.1 91.5 137.3

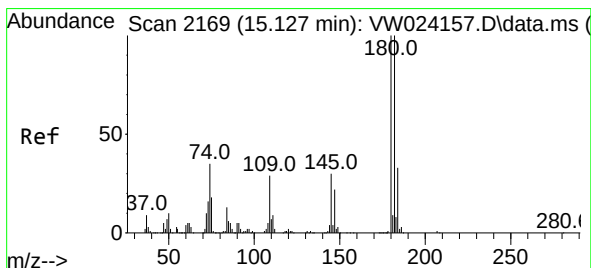
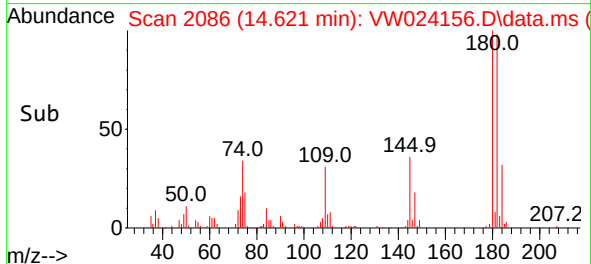
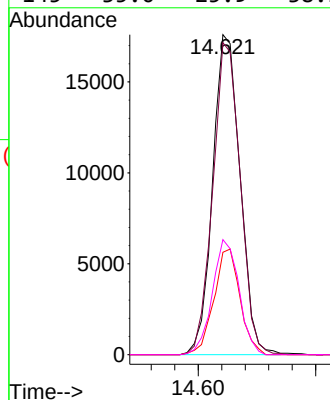
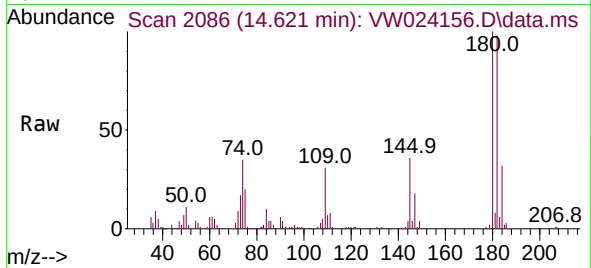




#69
 1,3,5-Trichlorobenzene
 Concen: 4.950 ug/L
 RT: 14.621 min Scan# 2087
 Delta R.T. -0.006 min
 Lab File: VW024156.D
 Acq: 04 Aug 2022 09:46

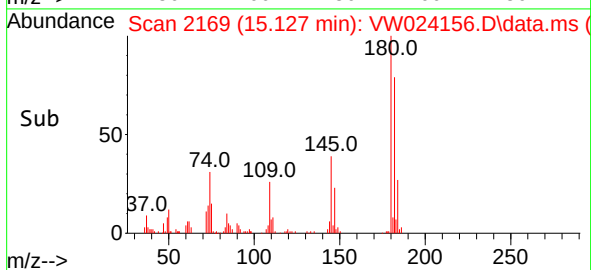
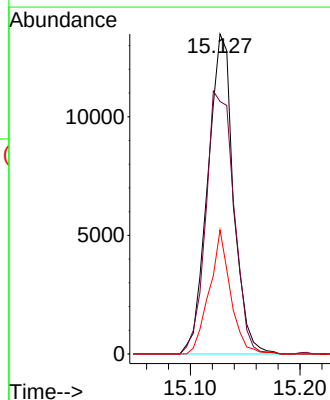
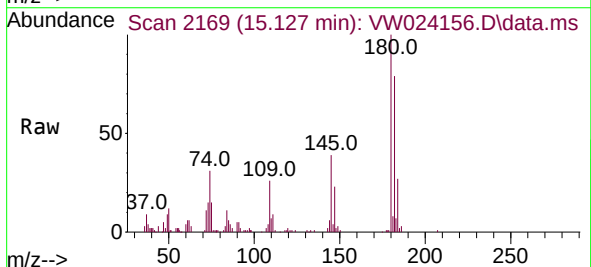
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD005408

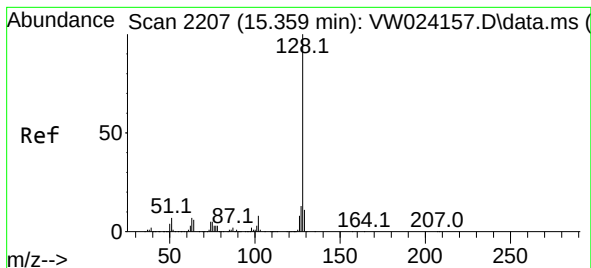
Tgt Ion:180	Resp:	28442
Ion Ratio	Lower	Upper
180	100	
182	97.5	78.4 117.6
184	31.6	24.7 37.1
145	35.0	25.9 38.9



#70
 1,2,4-trichlorobenzene
 Concen: 4.763 ug/L
 RT: 15.127 min Scan# 2169
 Delta R.T. -0.000 min
 Lab File: VW024156.D
 Acq: 04 Aug 2022 09:46

Tgt Ion:180	Resp:	21916
Ion Ratio	Lower	Upper
180	100	
182	89.9	75.0 112.4
145	31.8	25.1 37.7





#71

Naphthalene

Concen: 4.137 ug/L

RT: 15.365 min Scan# 2207

Delta R.T. 0.006 min

Lab File: VW024156.D

Acq: 04 Aug 2022 09:46

Instrument :

MSVOA_W

ClientSampleId :

VSTD005408

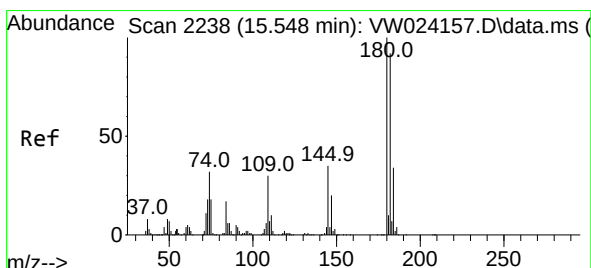
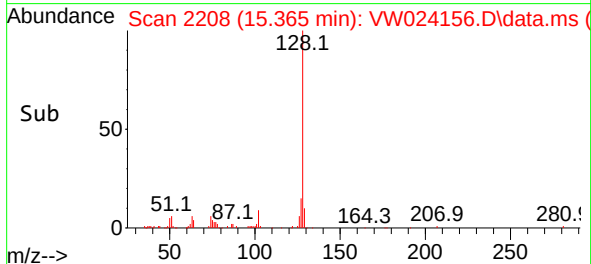
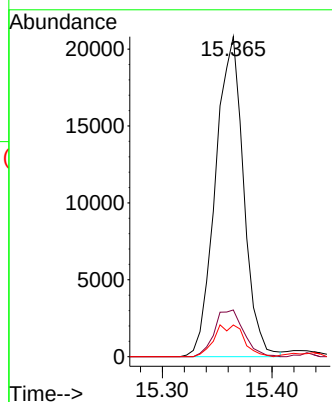
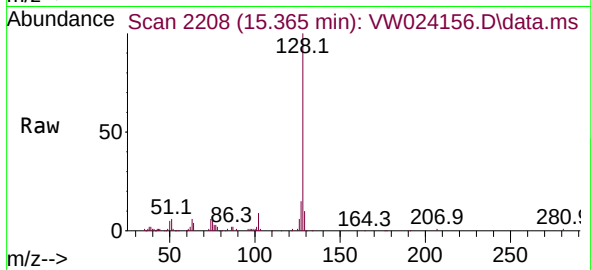
Tgt Ion:128 Resp: 37072

Ion Ratio Lower Upper

128 100

127 15.2 10.7 16.1

129 5.3 8.8 13.2#



#72

1,2,3-Trichlorobenzene

Concen: 4.898 ug/L

RT: 15.554 min Scan# 2239

Delta R.T. 0.006 min

Lab File: VW024156.D

Acq: 04 Aug 2022 09:46

Tgt Ion:180 Resp: 20518

Ion Ratio Lower Upper

180 100

182 96.8 75.4 113.2

145 34.4 26.9 40.3

