

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042522\
 Data File : VW022613.D
 Acq On : 25 Apr 2022 17:47
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025498

Quant Time: Apr 26 01:36:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Apr 26 01:35:04 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	299470	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	285931	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	169510	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	129003	19.486	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.960%
7) Chloroethane-d5	2.891	69	92430	22.277	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.120%
11) 1,1-Dichloroethene-d2	4.025	63	194980	22.707	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	90.840%
21) 2-Butanone-d5	7.080	46	54561	47.205	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.420%
24) Chloroform-d	7.647	84	228363	24.397	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.600%
26) 1,2-Dichloroethane-d4	8.305	65	119748	22.390	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.560%
32) Benzene-d6	8.275	84	422657	24.194	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.760%
36) 1,2-Dichloropropane-d6	9.274	67	123120	24.354	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.400%
41) Toluene-d8	10.323	98	417572	24.406	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.640%
43) trans-1,3-Dichloroprop...	10.579	79	54342	22.777	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.120%
47) 2-Hexanone-d5	10.920	63	45457	48.329	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.660%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	109892	25.565	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.240%
66) 1,2-Dichlorobenzene-d4	13.853	152	147357	24.543	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.160%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	30901	21.050	ug/L	93
3) Chloromethane	2.221	50	72774	19.883	ug/L	100
5) Vinyl chloride	2.361	62	160998	21.081	ug/L	98
6) Bromomethane	2.782	94	94111	20.271	ug/L	99
8) Chloroethane	2.922	64	76894	22.998	ug/L	92
9) Trichlorofluoromethane	3.263	101	81972	29.072	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	119930	26.712	ug/L	94
12) 1,1-Dichloroethene	4.044	96	105864	26.255	ug/L	87
13) Acetone	4.129	43	37509	47.663	ug/L	92
14) Carbon disulfide	4.391	76	258700	19.503	ug/L	98
15) Methyl Acetate	4.678	43	47815	24.212	ug/L	96
16) Methylene chloride	4.922	84	120190	26.672	ug/L	88
17) trans-1,2-Dichloroethene	5.428	96	117426	24.860	ug/L	91
18) Methyl tert-butyl Ether	5.428	73	195776	25.378	ug/L	96
19) 1,1-Dichloroethane	6.220	63	213671	24.791	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	134042	26.869	ug/L #	84
22) 2-Butanone	7.171	43	60986	51.310	ug/L #	69
23) Bromochloromethane	7.513	128	60387	28.126	ug/L	89
25) Chloroform	7.677	83	242041	26.664	ug/L	96

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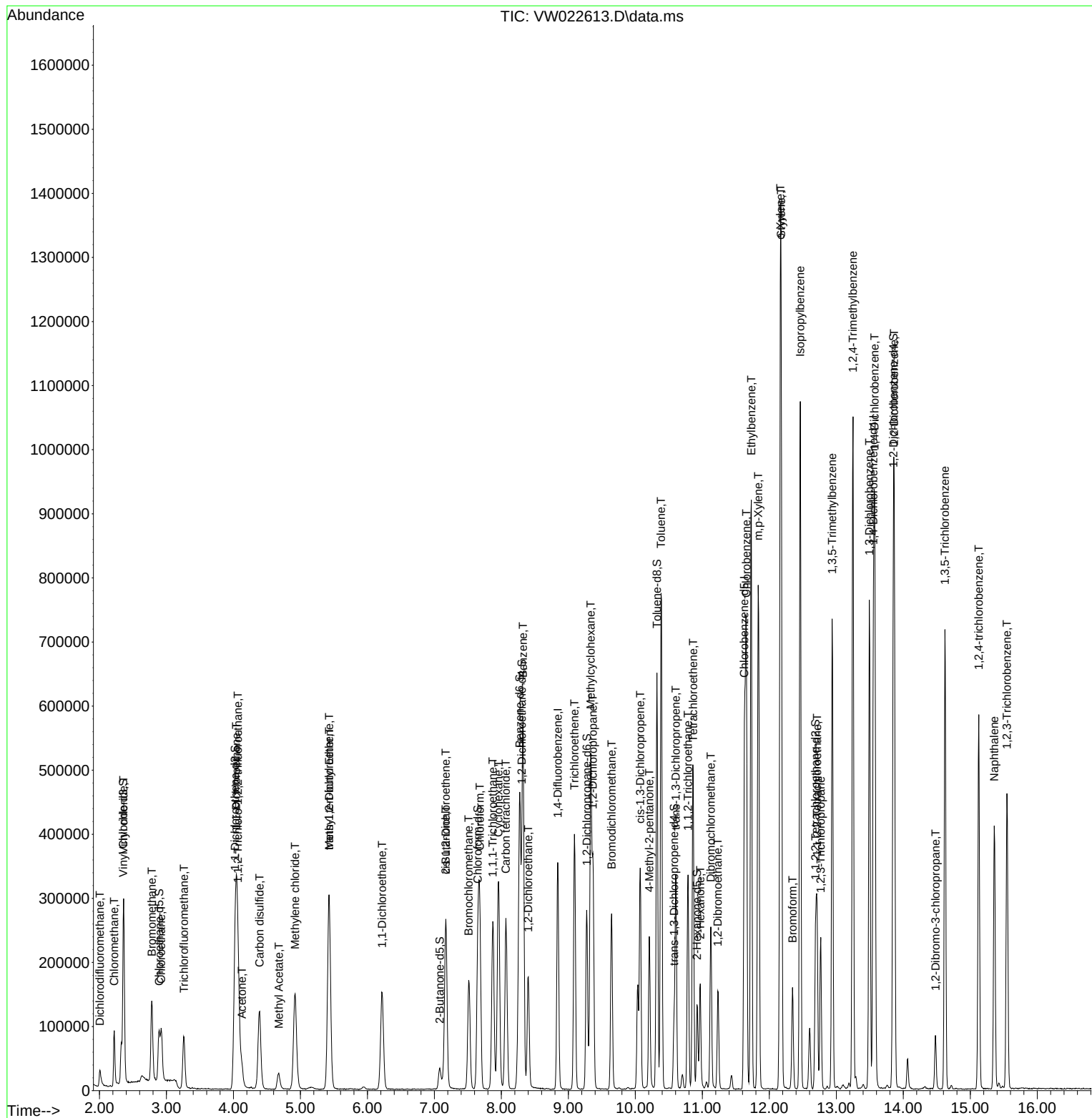
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 Quant Title : SFAM01.0
 QLast Update : Tue Apr 26 01:35:04 2022
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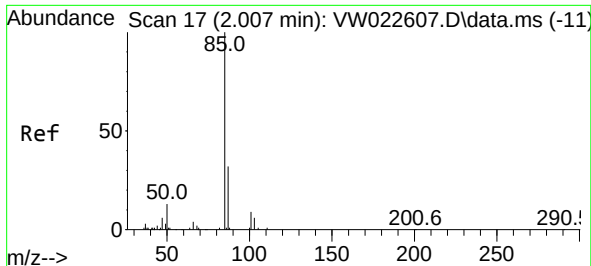
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	159053	24.929	ug/L	97
29) Cyclohexane	7.958	56	180126	22.011	ug/L	96
30) 1,1,1-Trichloroethane	7.872	97	208482	26.285	ug/L	97
31) Carbon tetrachloride	8.067	117	192886	27.095	ug/L	99
33) Benzene	8.323	78	494093	25.452	ug/L	100
34) Trichloroethene	9.091	95	134593	25.894	ug/L	98
35) Methylcyclohexane	9.335	83	218570	23.437	ug/L	95
37) 1,2-Dichloropropane	9.366	63	120385	25.886	ug/L	100
38) Bromodichloromethane	9.646	83	178078	26.627	ug/L #	98
39) cis-1,3-Dichloropropene	10.073	75	198470	26.894	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	146063	51.463	ug/L	95
42) Toluene	10.384	91	568499	25.556	ug/L	97
44) trans-1,3-Dichloropropene	10.603	75	171641	25.975	ug/L	95
45) 1,1,2-Trichloroethane	10.786	97	99674	28.082	ug/L	99
46) Tetrachloroethene	10.866	164	102677	26.873	ug/L	90
48) 2-Hexanone	10.969	43	101326	50.605	ug/L #	97
49) Dibromochloromethane	11.128	129	128070	30.255	ug/L	98
50) 1,2-Dibromoethane	11.231	107	99006	28.249	ug/L	96
51) Chlorobenzene	11.658	112	380278	27.975	ug/L	94
52) Ethylbenzene	11.731	91	645315	25.881	ug/L	96
53) m,p-Xylene	11.835	106	255203	26.918	ug/L	94
54) o-Xylene	12.164	106	247046	27.269	ug/L	92
55) Styrene	12.176	104	420941	27.195	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	122895	28.210	ug/L	100
59) Bromoform	12.347	173	66715	26.487	ug/L	97
60) Isopropylbenzene	12.463	105	683555	24.275	ug/L	97
61) 1,2,3-Trichloropropane	12.768	75	89373	24.786	ug/L	97
62) 1,3,5-Trimethylbenzene	12.938	105	386364	24.950	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	572188	24.298	ug/L	95
64) 1,3-Dichlorobenzene	13.493	146	295866	25.890	ug/L	97
65) 1,4-Dichlorobenzene	13.572	146	305342	26.791	ug/L	96
67) 1,2-Dichlorobenzene	13.865	146	271804	26.595	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.481	75	19387	23.182	ug/L	89
69) 1,3,5-Trichlorobenzene	14.621	180	199795	26.796	ug/L	96
70) 1,2,4-trichlorobenzene	15.127	180	161836	25.844	ug/L	95
71) Naphthalene	15.359	128	350984	26.574	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	142214	26.569	ug/L	97

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

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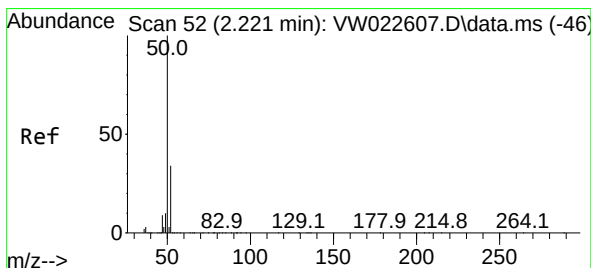
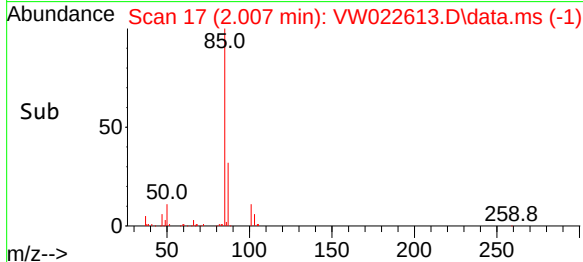
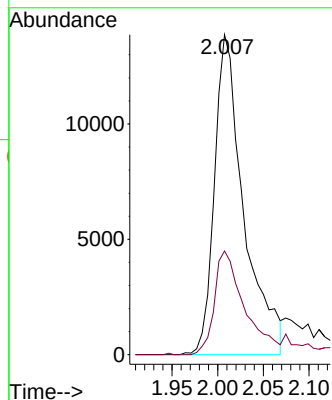
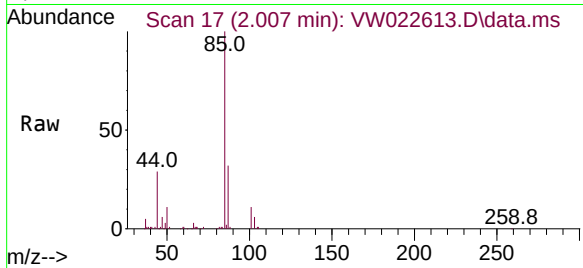




#2
 Dichlorodifluoromethane
 Concen: 21.050 ug/L
 RT: 2.007 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VW022613.D
 Acq: 25 Apr 2022 17:47

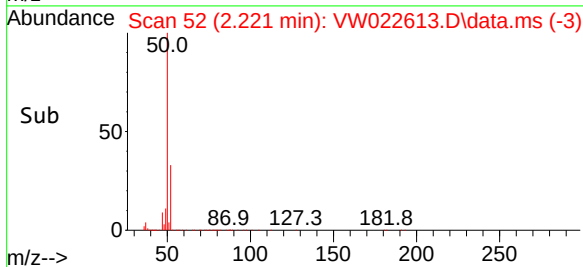
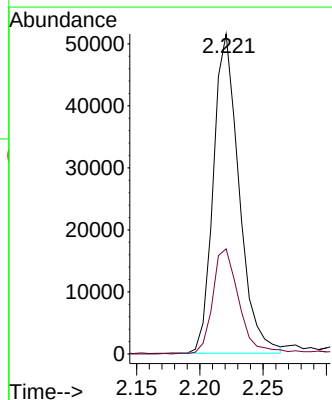
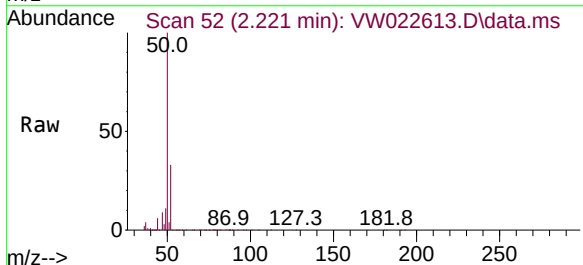
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025498

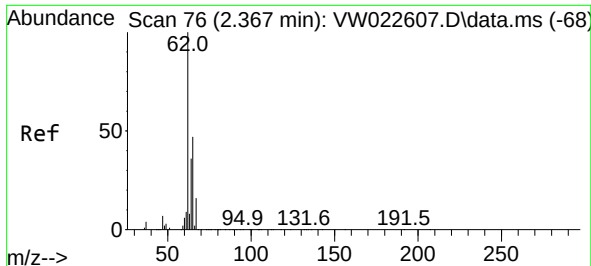
Tgt Ion: 85 Resp: 30901
 Ion Ratio Lower Upper
 85 100
 87 33.3 23.7 35.5



#3
 Chloromethane
 Concen: 19.883 ug/L
 RT: 2.221 min Scan# 52
 Delta R.T. 0.000 min
 Lab File: VW022613.D
 Acq: 25 Apr 2022 17:47

Tgt Ion: 50 Resp: 72774
 Ion Ratio Lower Upper
 50 100
 52 32.9 23.0 42.6

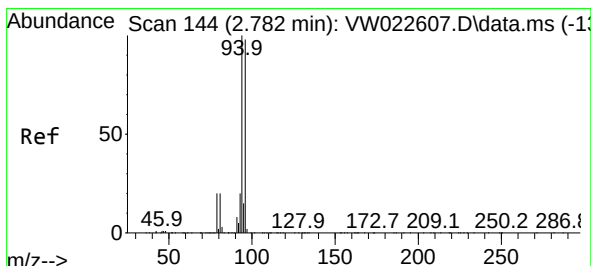
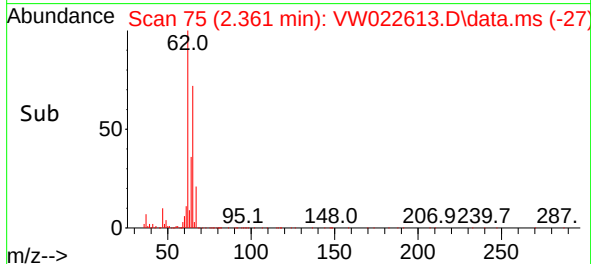
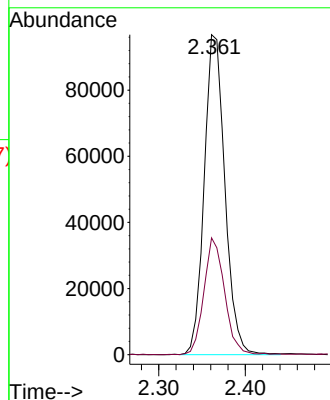
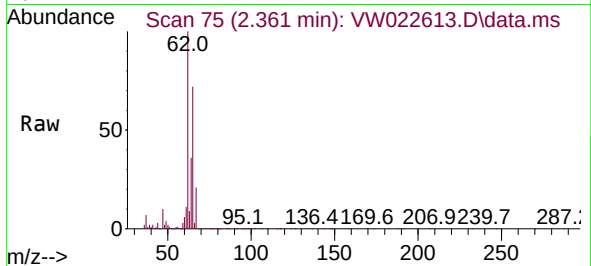




#5
 Vinyl chloride
 Concen: 21.081 ug/L
 RT: 2.361 min Scan# 76
 Delta R.T. -0.006 min
 Lab File: VW022613.D
 Acq: 25 Apr 2022 17:47

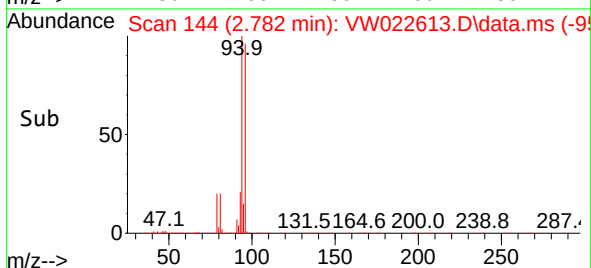
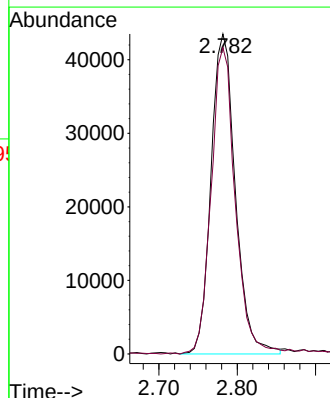
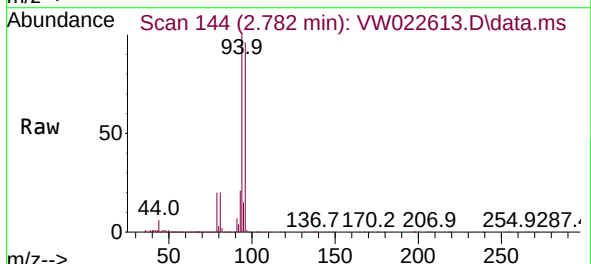
Instrument :
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 ClientSampleId :
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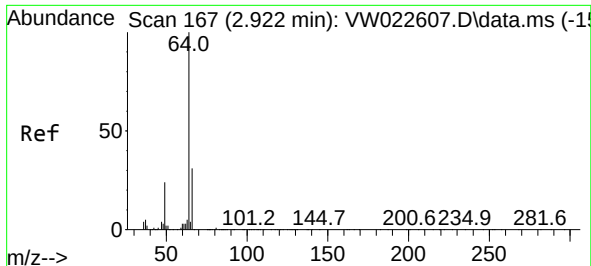
Tgt Ion: 62 Resp: 160998
 Ion Ratio Lower Upper
 62 100
 64 36.5 26.5 49.3



#6
 Bromomethane
 Concen: 20.271 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. 0.000 min
 Lab File: VW022613.D
 Acq: 25 Apr 2022 17:47

Tgt Ion: 94 Resp: 94111
 Ion Ratio Lower Upper
 94 100
 96 95.7 66.6 123.6

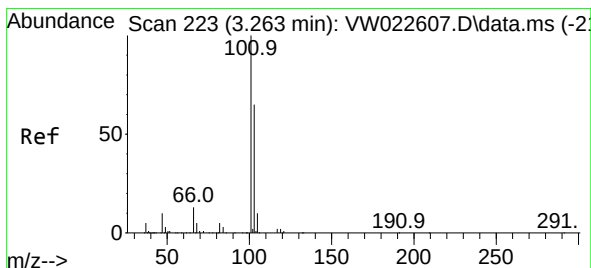
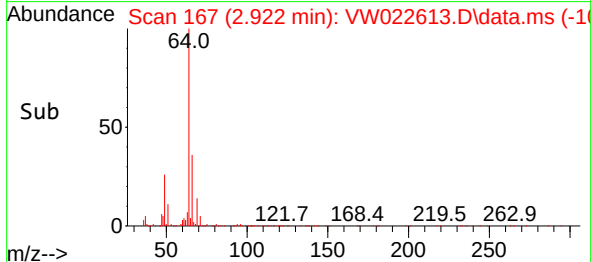
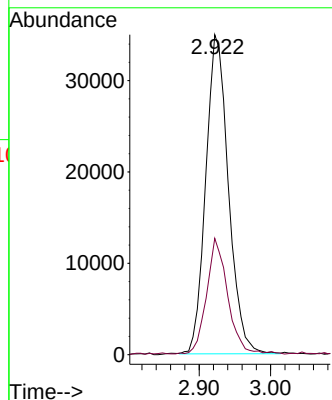
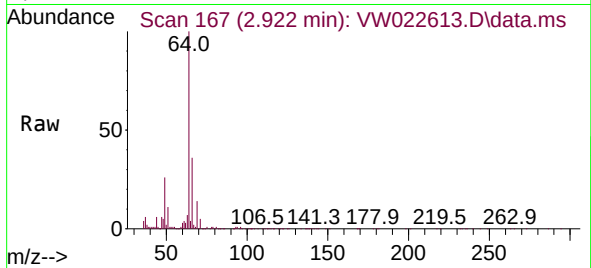




#8
Chloroethane
Concen: 22.998 ug/L
RT: 2.922 min Scan# 167
Delta R.T. 0.000 min
Lab File: VW022613.D
Acq: 25 Apr 2022 17:47

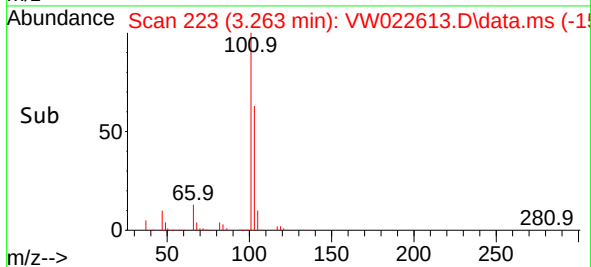
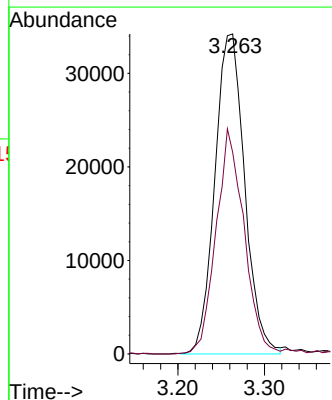
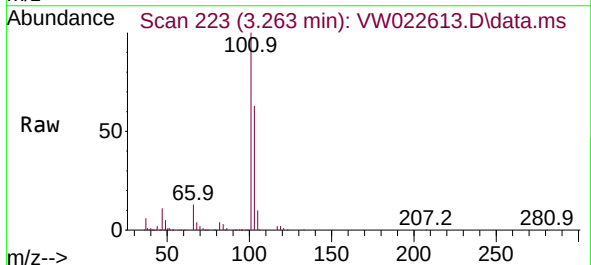
Instrument :
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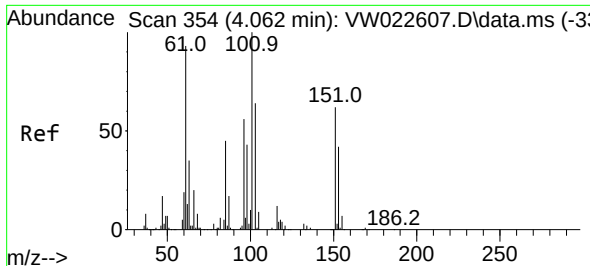
Tgt Ion: 64 Resp: 76894
Ion Ratio Lower Upper
64 100
66 36.4 22.3 41.5



#9
Trichlorofluoromethane
Concen: 29.072 ug/L
RT: 3.263 min Scan# 223
Delta R.T. 0.000 min
Lab File: VW022613.D
Acq: 25 Apr 2022 17:47

Tgt Ion: 101 Resp: 81972
Ion Ratio Lower Upper
101 100
103 65.9 52.0 78.0

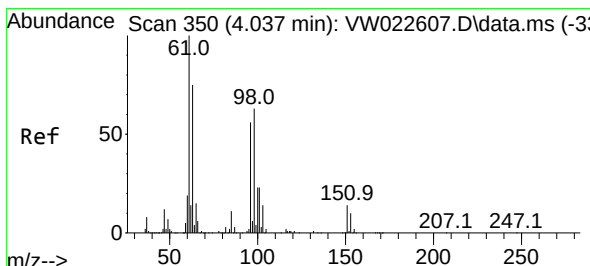
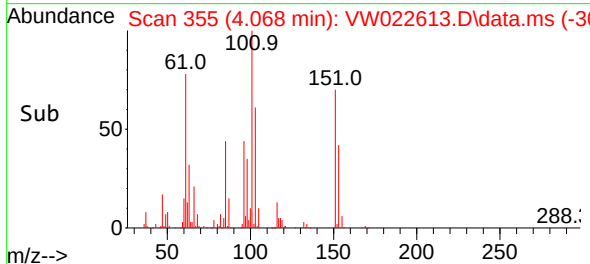
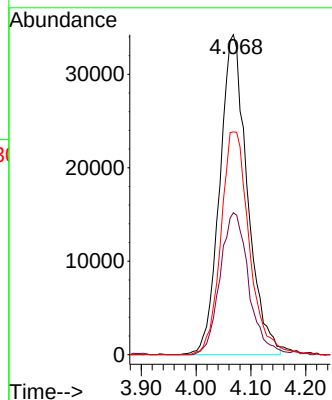
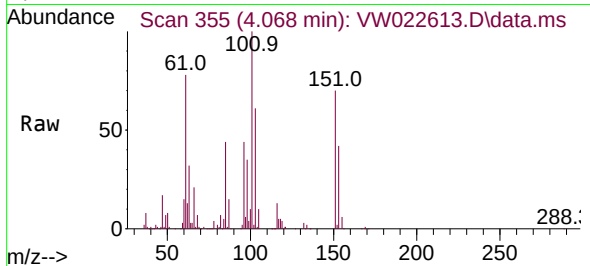




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 26.712 ug/L
 RT: 4.068 min Scan# 310
 Delta R.T. 0.006 min
 Lab File: VW022613.D
 Acq: 25 Apr 2022 17:47

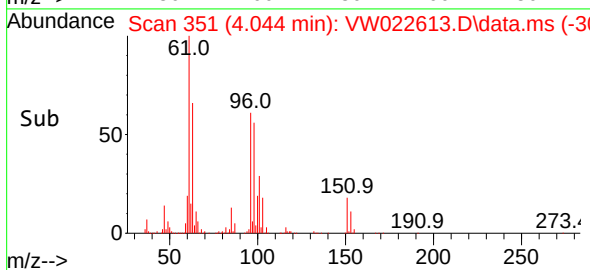
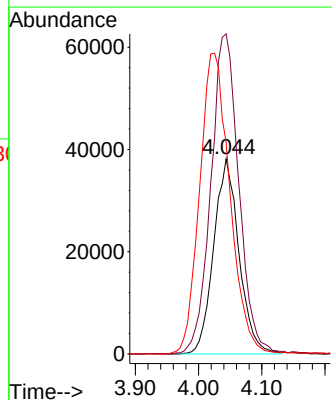
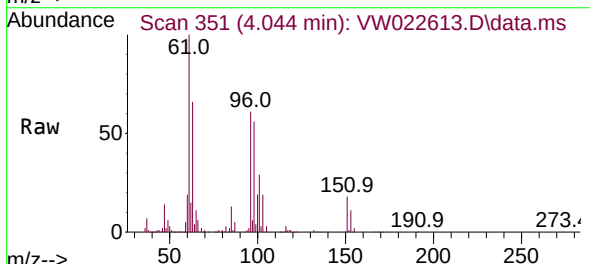
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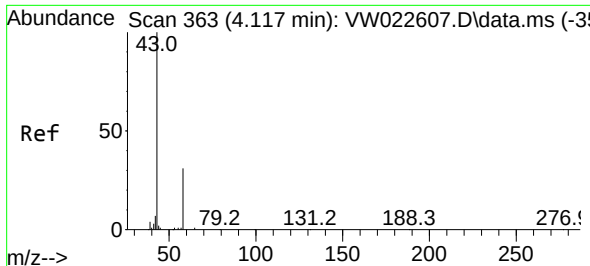
Tgt Ion:101 Resp: 119930
 Ion Ratio Lower Upper
 101 100
 85 46.1 39.2 58.8
 151 71.7 52.2 78.4



#12
 1,1-Dichloroethene
 Concen: 26.255 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. 0.006 min
 Lab File: VW022613.D
 Acq: 25 Apr 2022 17:47

Tgt Ion: 96 Resp: 105864
 Ion Ratio Lower Upper
 96 100
 61 164.1 128.0 237.6
 63 108.4 86.6 160.8

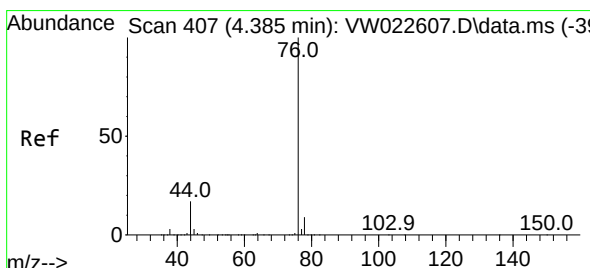
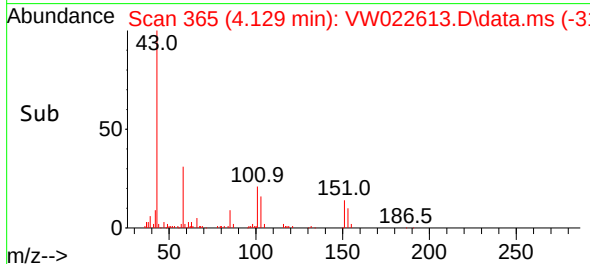
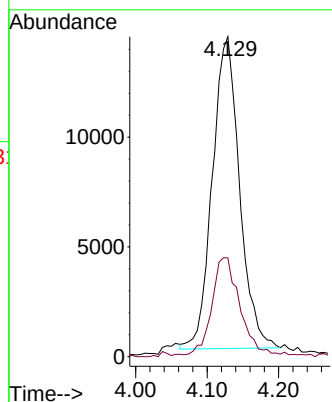
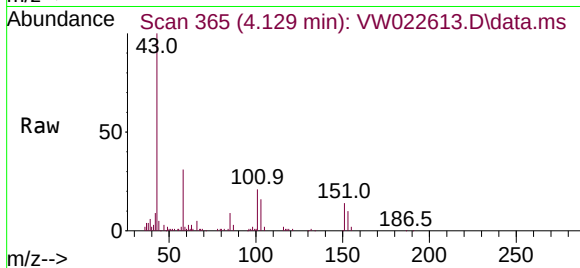




#13
Acetone
Concen: 47.663 ug/L
RT: 4.129 min Scan# 365
Delta R.T. 0.012 min
Lab File: VW022613.D
Acq: 25 Apr 2022 17:47

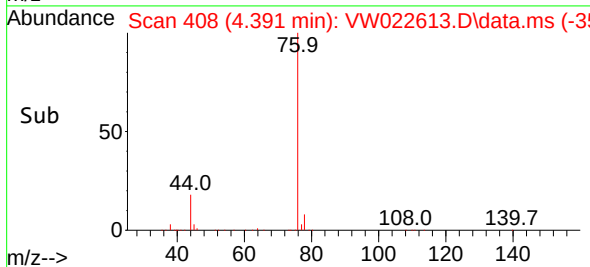
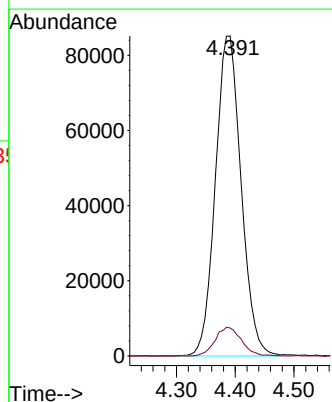
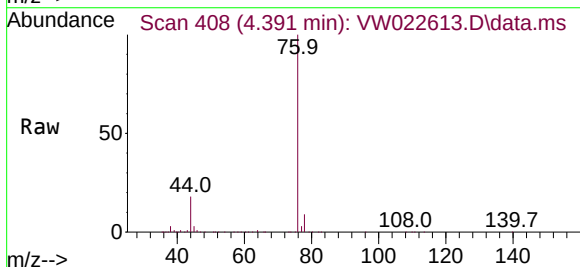
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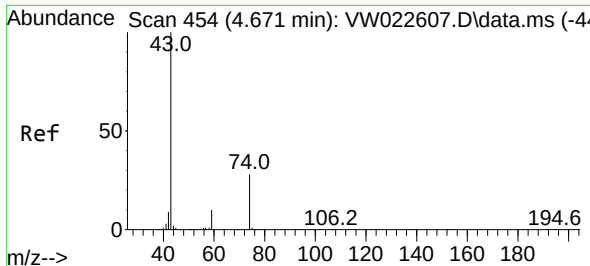
Tgt Ion: 43 Resp: 37509
Ion Ratio Lower Upper
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58 32.6 0.0 57.0



#14
Carbon disulfide
Concen: 19.503 ug/L
RT: 4.391 min Scan# 408
Delta R.T. 0.006 min
Lab File: VW022613.D
Acq: 25 Apr 2022 17:47

Tgt Ion: 76 Resp: 258700
Ion Ratio Lower Upper
76 100
78 8.8 7.6 11.4

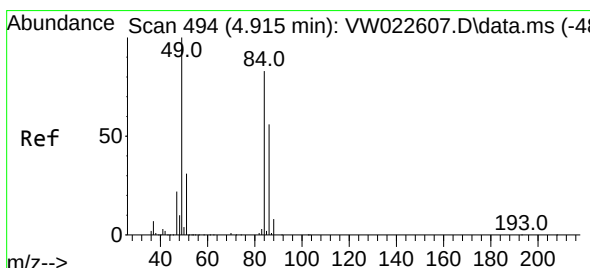
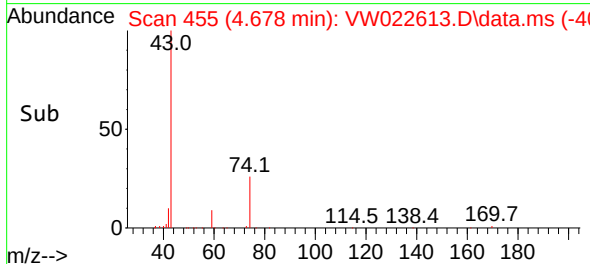
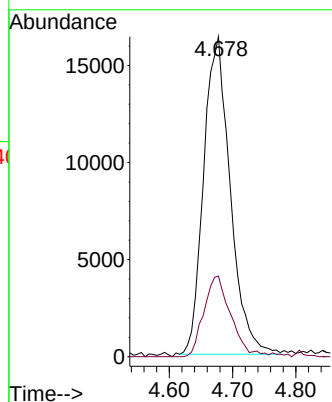
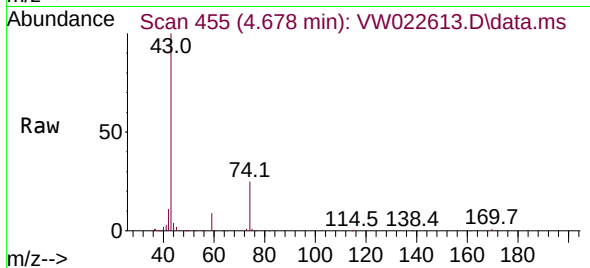




#15
Methyl Acetate
Concen: 24.212 ug/L
RT: 4.678 min Scan# 41
Delta R.T. 0.006 min
Lab File: VW022613.D
Acq: 25 Apr 2022 17:47

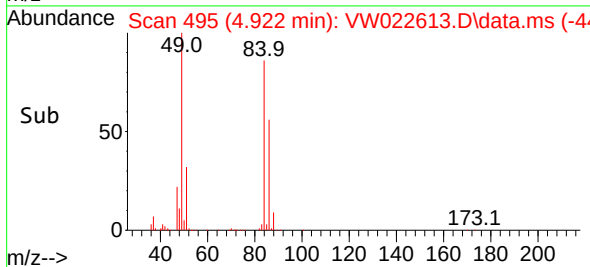
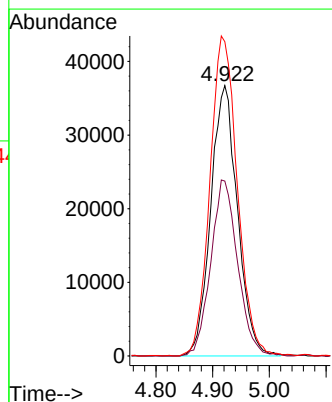
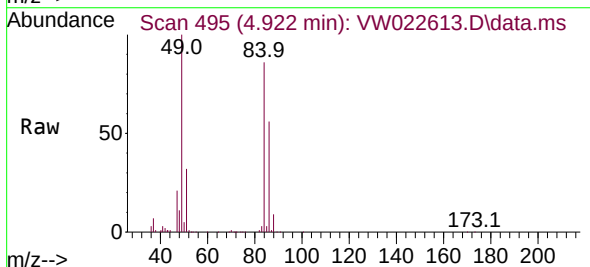
Instrument :
MSVOA_W
ClientSampleId :
VSTD025498

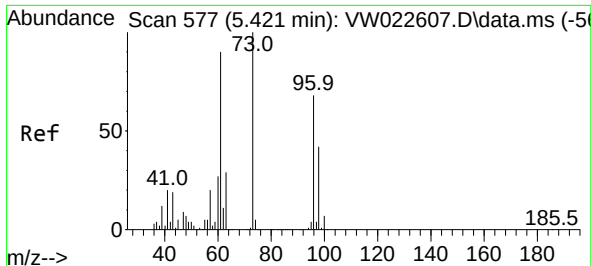
Tgt Ion: 43 Resp: 47815
Ion Ratio Lower Upper
43 100
74 24.9 18.5 27.7



#16
Methylene chloride
Concen: 26.672 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW022613.D
Acq: 25 Apr 2022 17:47

Tgt Ion: 84 Resp: 120190
Ion Ratio Lower Upper
84 100
86 64.6 42.8 79.4
49 116.2 94.2 175.0

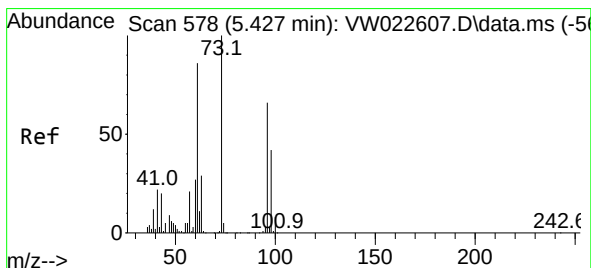
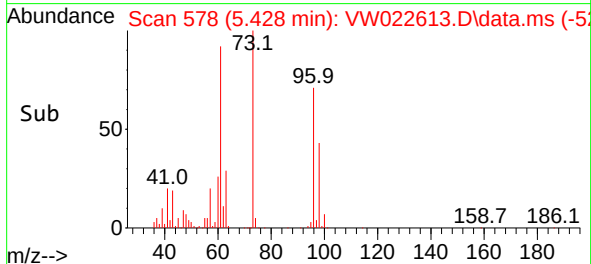
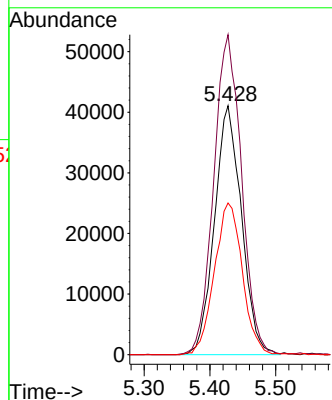
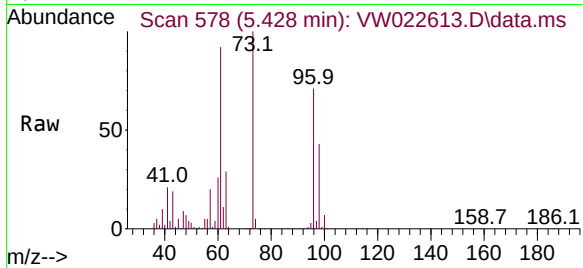




#17
trans-1,2-Dichloroethene
Concen: 24.860 ug/L
RT: 5.428 min Scan# 517
Delta R.T. 0.006 min
Lab File: VW022613.D
Acq: 25 Apr 2022 17:47

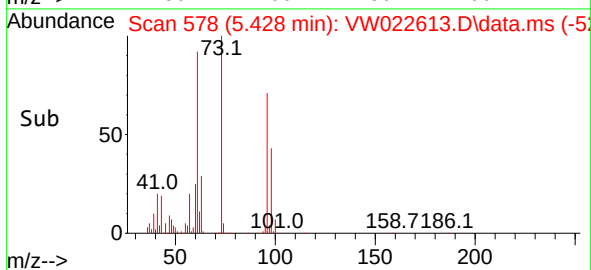
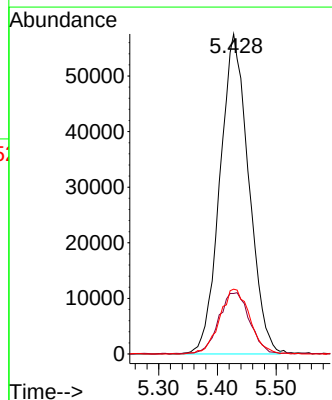
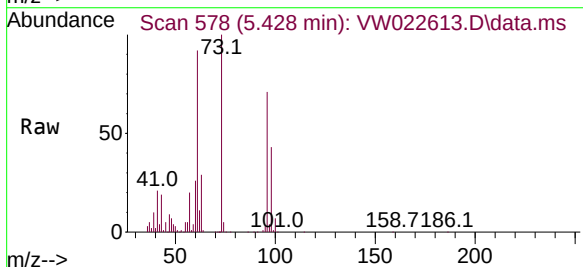
Instrument :
MSVOA_W
ClientSampleId :
VSTD025498

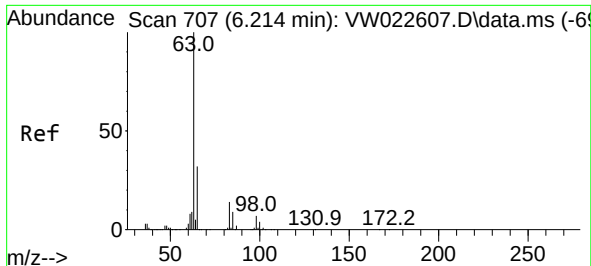
Tgt Ion: 96 Resp: 117426
Ion Ratio Lower Upper
96 100
61 128.6 99.8 185.4
98 60.9 44.6 82.8



#18
Methyl tert-butyl Ether
Concen: 25.378 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.000 min
Lab File: VW022613.D
Acq: 25 Apr 2022 17:47

Tgt Ion: 73 Resp: 195776
Ion Ratio Lower Upper
73 100
43 20.5 18.8 28.2
57 21.2 17.5 26.3





#19

1,1-Dichloroethane

Concen: 24.791 ug/L

RT: 6.220 min Scan# 707

Delta R.T. 0.006 min

Lab File: VW022613.D

Acq: 25 Apr 2022 17:47

Instrument :

MSVOA_W

ClientSampleId :

VSTD025498

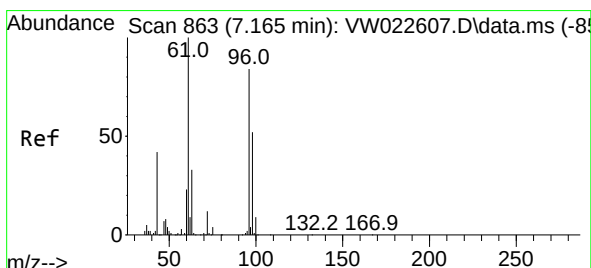
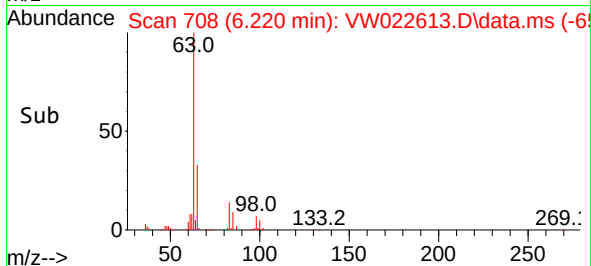
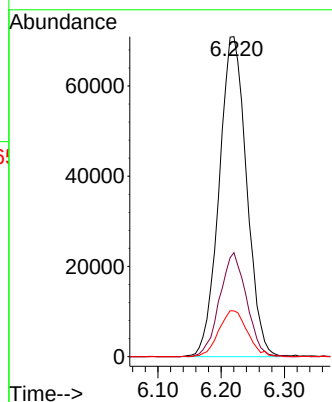
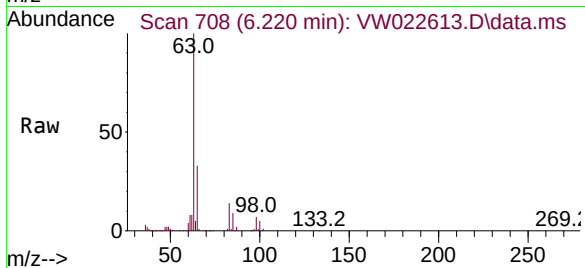
Tgt Ion: 63 Resp: 213671

Ion Ratio Lower Upper

63 100

65 32.5 21.1 39.3

83 14.3 10.1 18.9



#20

cis-1,2-Dichloroethene

Concen: 26.869 ug/L

RT: 7.171 min Scan# 864

Delta R.T. 0.006 min

Lab File: VW022613.D

Acq: 25 Apr 2022 17:47

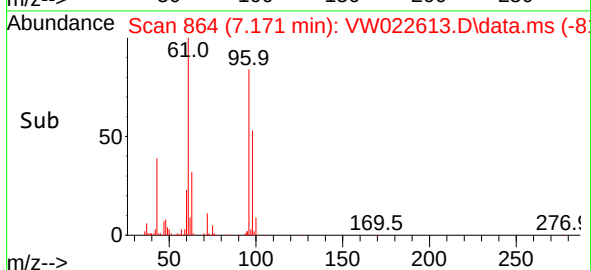
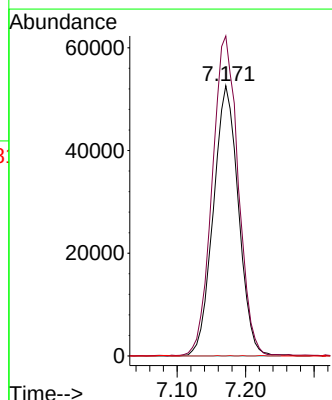
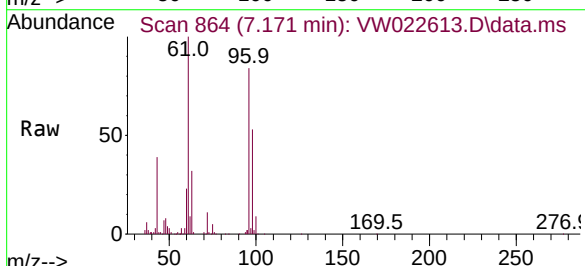
Tgt Ion: 96 Resp: 134042

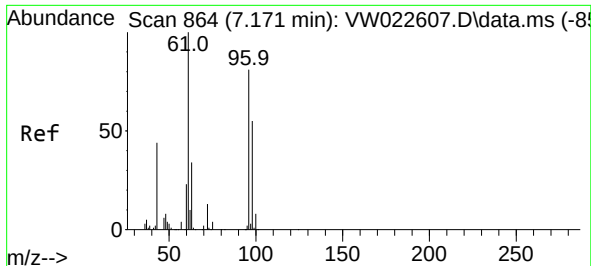
Ion Ratio Lower Upper

96 100

61 118.4 96.4 179.0

68 0.0 0.1 0.3

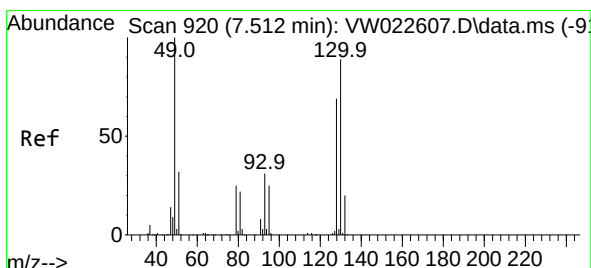
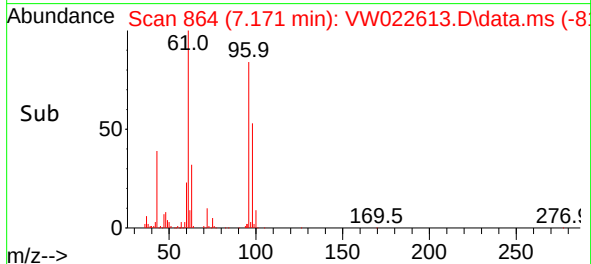
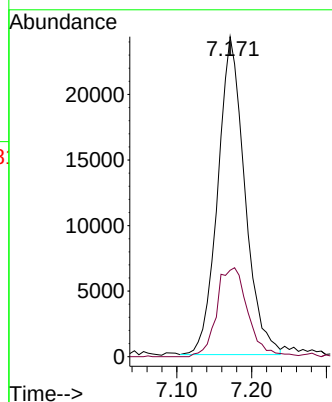
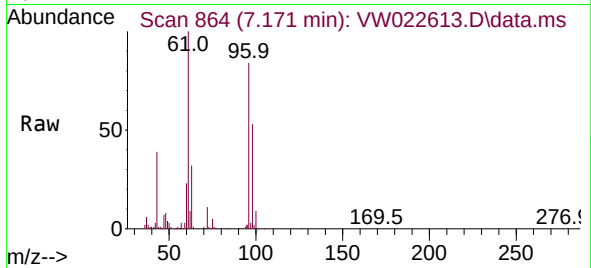




#22
2-Butanone
Concen: 51.310 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW022613.D
Acq: 25 Apr 2022 17:47

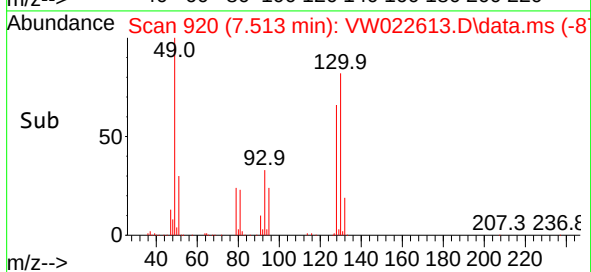
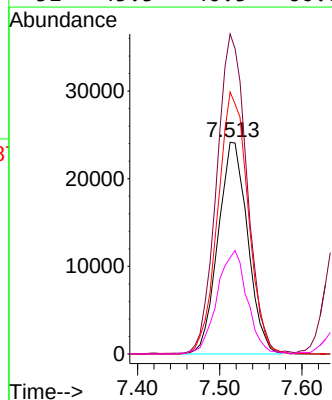
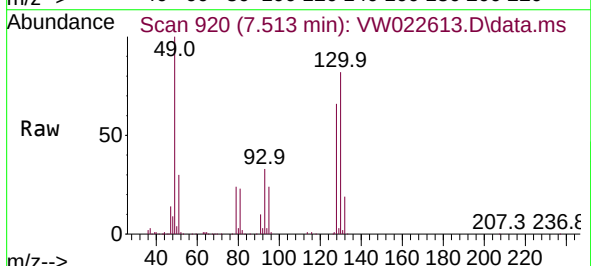
Instrument :
MSVOA_W
ClientSampleId :
VSTD025498

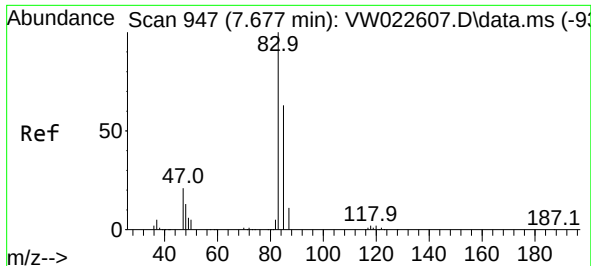
Tgt Ion: 43 Resp: 60986
Ion Ratio Lower Upper
43 100
72 11.8 14.0 42.0#



#23
Bromochloromethane
Concen: 28.126 ug/L
RT: 7.513 min Scan# 920
Delta R.T. 0.000 min
Lab File: VW022613.D
Acq: 25 Apr 2022 17:47

Tgt Ion: 128 Resp: 60387
Ion Ratio Lower Upper
128 100
49 151.2 120.8 224.3
130 123.7 81.8 151.8
51 45.5 40.5 60.7

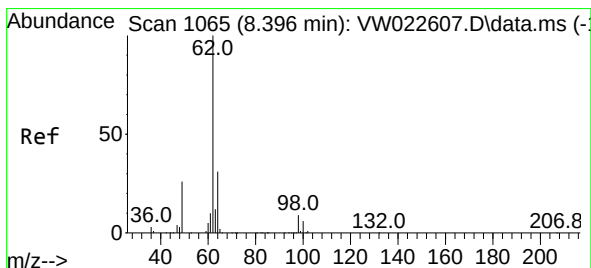
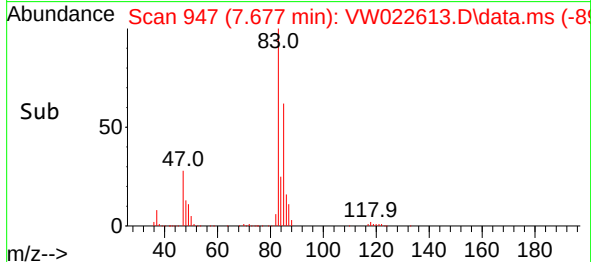
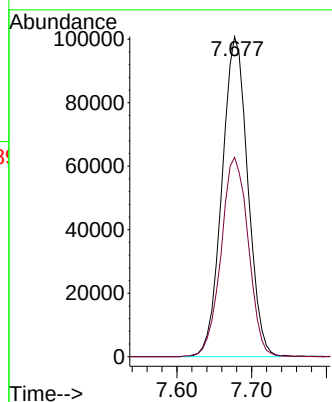
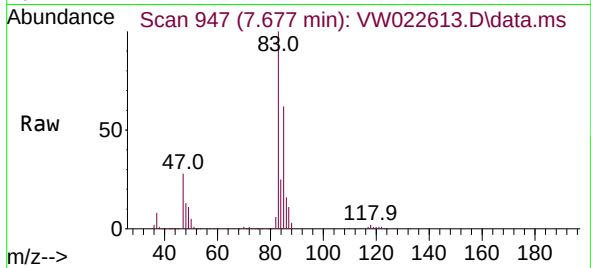




#25
Chloroform
Concen: 26.664 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW022613.D
Acq: 25 Apr 2022 17:47

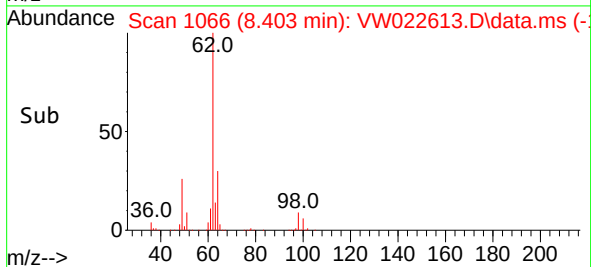
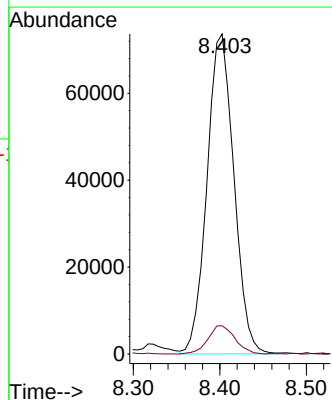
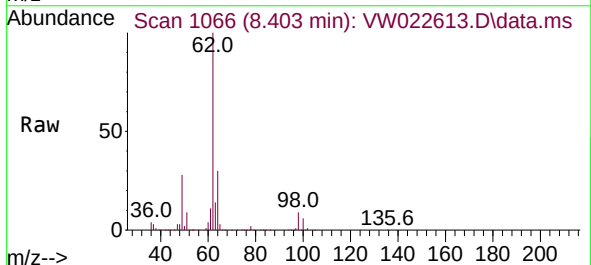
Instrument :
MSVOA_W
ClientSampleId :
VSTD025498

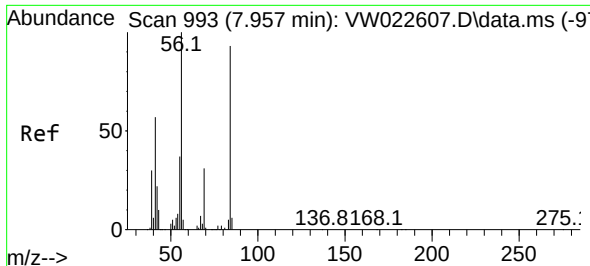
Tgt Ion: 83 Resp: 242041
Ion Ratio Lower Upper
83 100
85 62.3 45.8 85.0



#27
1,2-Dichloroethane
Concen: 24.929 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VW022613.D
Acq: 25 Apr 2022 17:47

Tgt Ion: 62 Resp: 159053
Ion Ratio Lower Upper
62 100
98 8.8 6.2 9.2

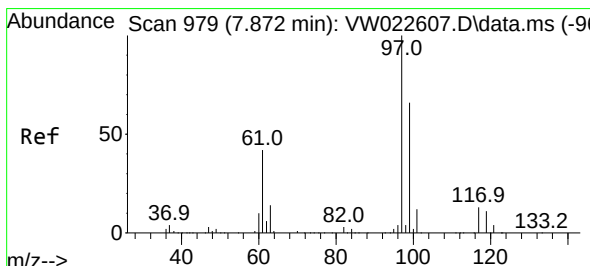
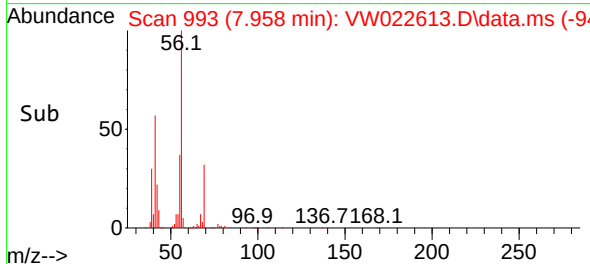
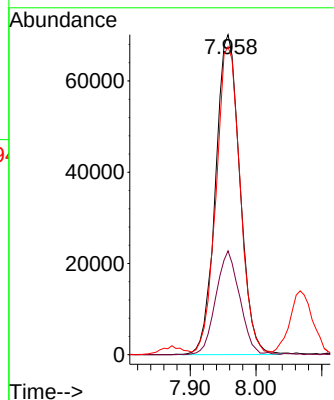
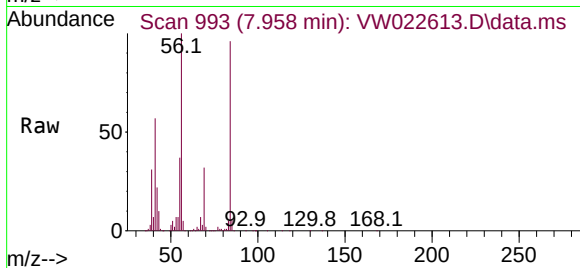




#29
Cyclohexane
Concen: 22.011 ug/L
RT: 7.958 min Scan# 993
Delta R.T. 0.000 min
Lab File: VW022613.D
Acq: 25 Apr 2022 17:47

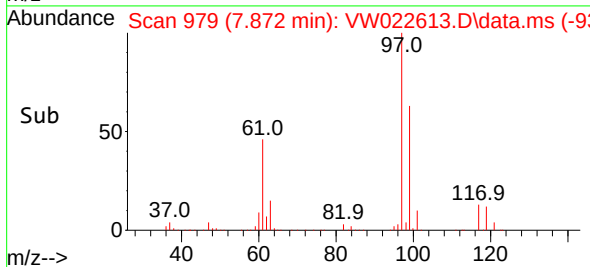
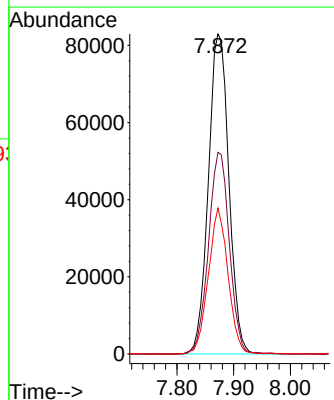
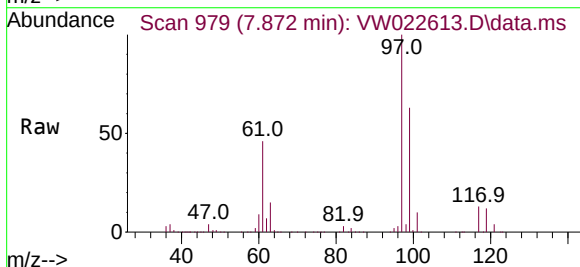
Instrument :
MSVOA_W
ClientSampleId :
VSTD025498

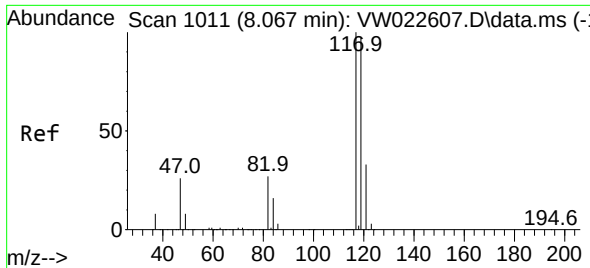
Tgt Ion: 56 Resp: 180126
Ion Ratio Lower Upper
56 100
69 31.7 24.4 36.6
84 95.3 72.6 108.8



#30
1,1,1-Trichloroethane
Concen: 26.285 ug/L
RT: 7.872 min Scan# 979
Delta R.T. 0.000 min
Lab File: VW022613.D
Acq: 25 Apr 2022 17:47

Tgt Ion: 97 Resp: 208482
Ion Ratio Lower Upper
97 100
99 63.9 51.7 77.5
61 43.8 38.7 58.1

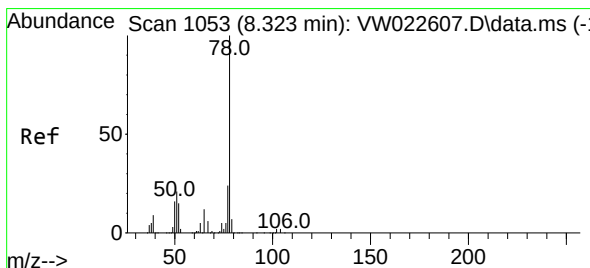
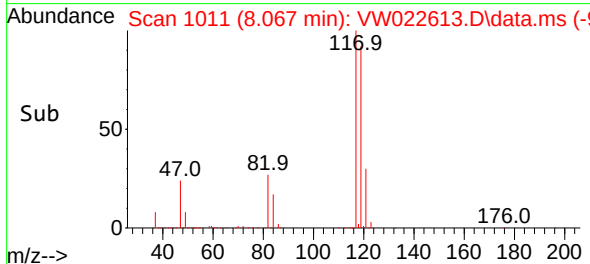
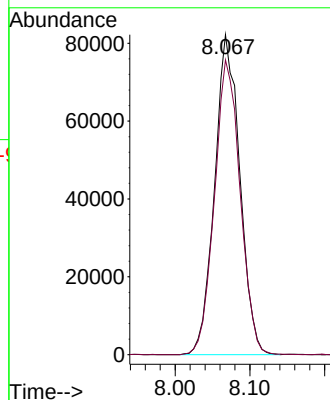
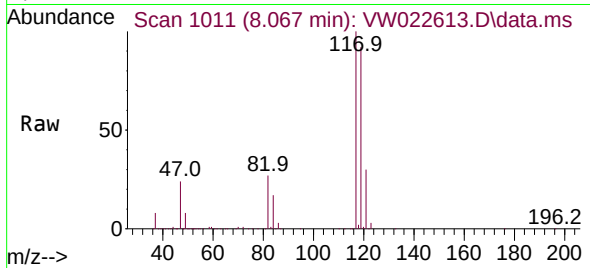




#31
Carbon tetrachloride
Concen: 27.095 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW022613.D
Acq: 25 Apr 2022 17:47

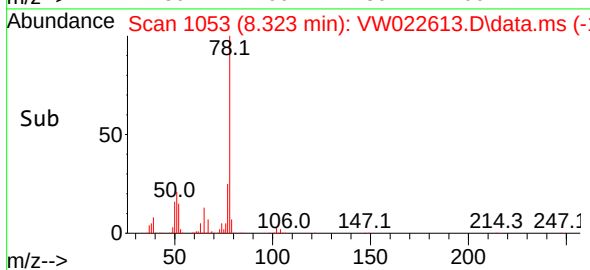
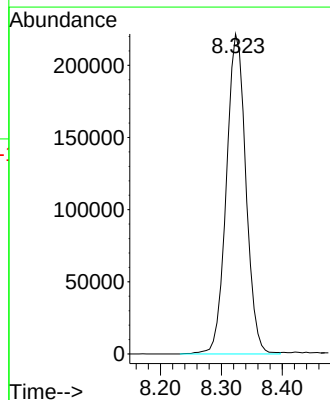
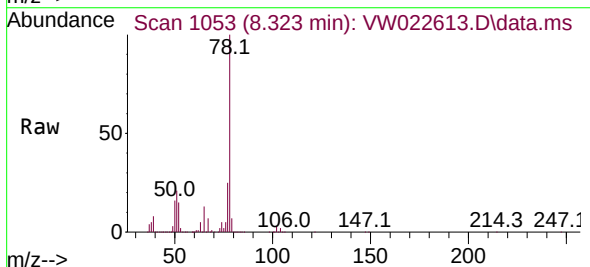
Instrument :
MSVOA_W
ClientSampleId :
VSTD025498

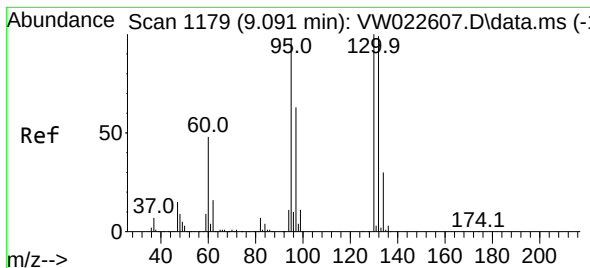
Tgt Ion:117 Resp: 192886
Ion Ratio Lower Upper
117 100
119 93.7 75.5 113.3



#33
Benzene
Concen: 25.452 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW022613.D
Acq: 25 Apr 2022 17:47

Tgt Ion: 78 Resp: 494093





#34

Trichloroethene

Concen: 25.894 ug/L

RT: 9.091 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VW022613.D

Acq: 25 Apr 2022 17:47

Instrument :

MSVOA_W

ClientSampleId :

VSTD025498

Tgt Ion: 95 Resp: 134593

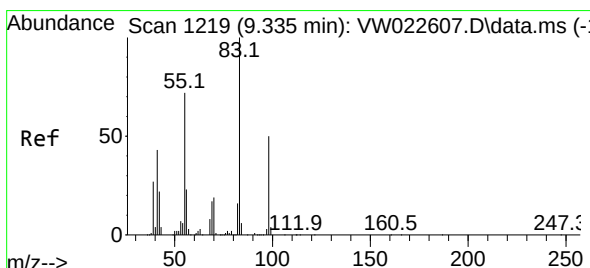
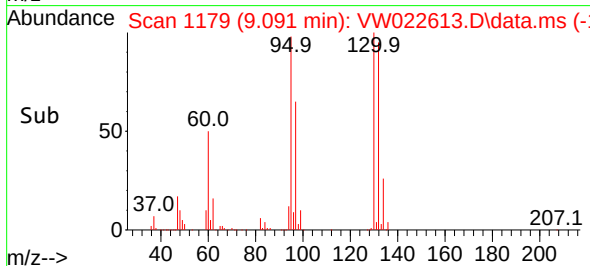
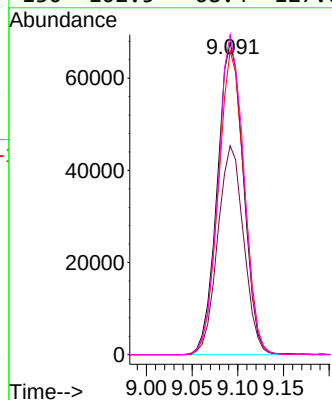
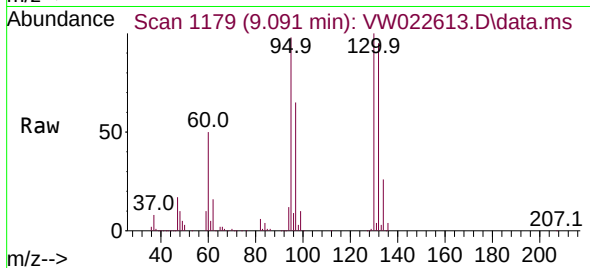
Ion Ratio Lower Upper

95 100

97 67.0 46.4 86.2

132 97.4 67.4 125.2

130 102.5 68.4 127.0



#35

Methylcyclohexane

Concen: 23.437 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VW022613.D

Acq: 25 Apr 2022 17:47

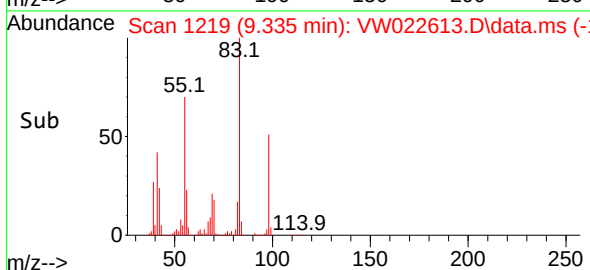
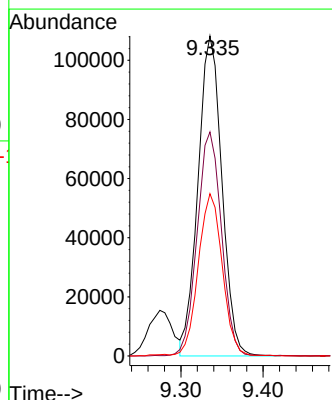
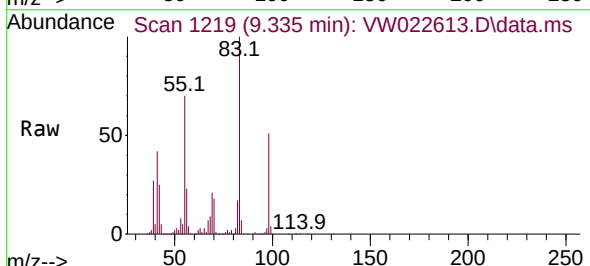
Tgt Ion: 83 Resp: 218570

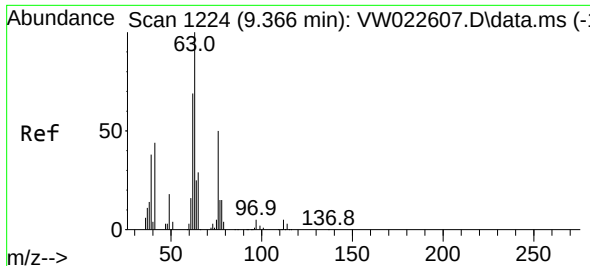
Ion Ratio Lower Upper

83 100

55 71.1 61.0 91.6

98 50.5 39.2 58.8





#37

1,2-Dichloropropane

Concen: 25.886 ug/L

RT: 9.366 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW022613.D

Acq: 25 Apr 2022 17:47

Instrument :

MSVOA_W

ClientSampleId :

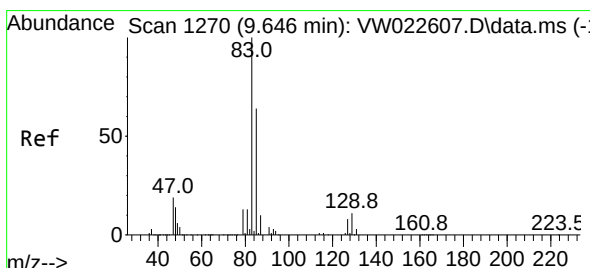
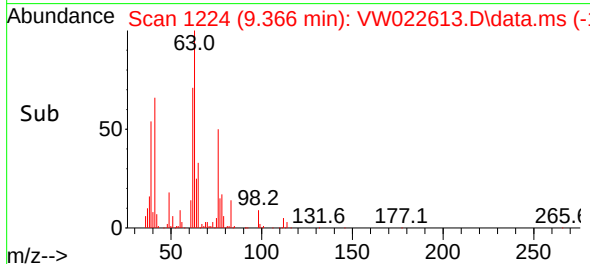
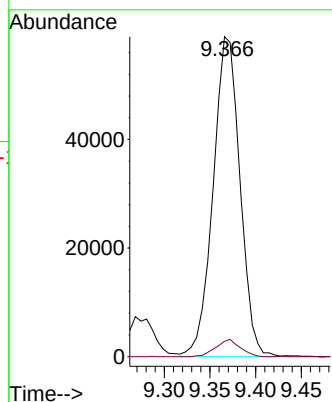
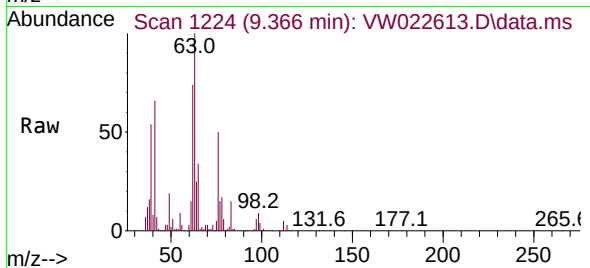
VSTD025498

Tgt Ion: 63 Resp: 120385

Ion Ratio Lower Upper

63 100

112 4.9 3.8 5.6



#38

Bromodichloromethane

Concen: 26.627 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VW022613.D

Acq: 25 Apr 2022 17:47

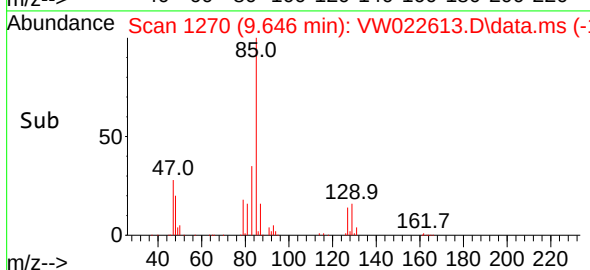
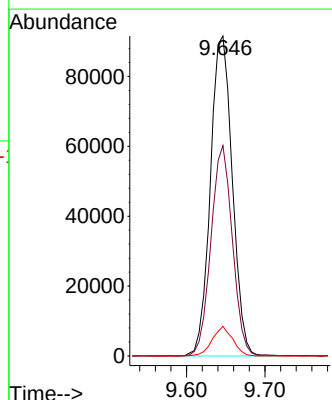
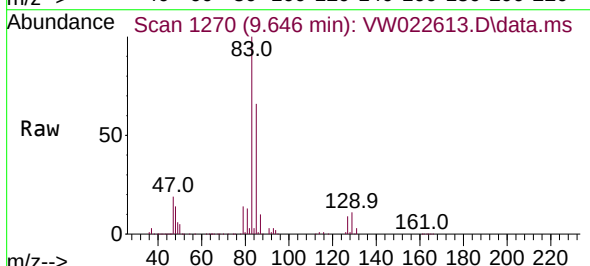
Tgt Ion: 83 Resp: 178078

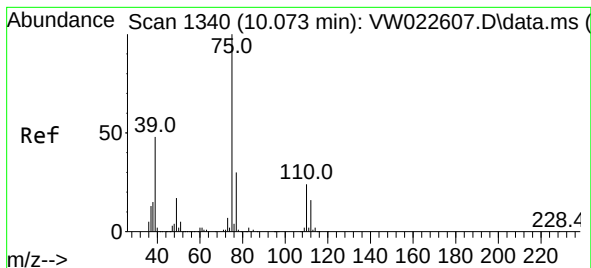
Ion Ratio Lower Upper

83 100

85 65.7 45.2 84.0

127 9.3 6.0 9.0#

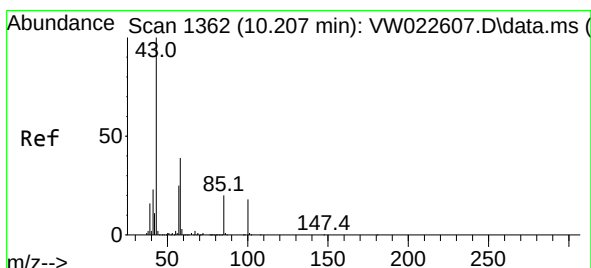
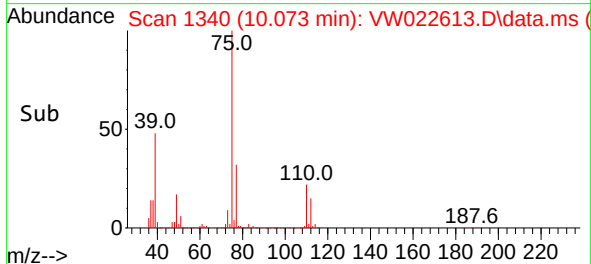
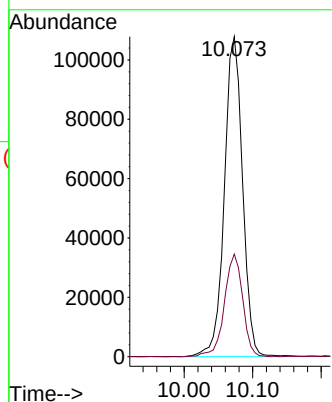
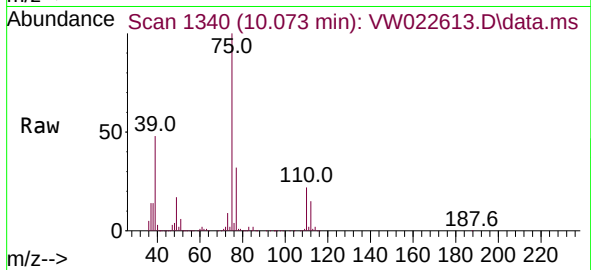




#39
 cis-1,3-Dichloropropene
 Concen: 26.894 ug/L
 RT: 10.073 min Scan# 1340
 Delta R.T. 0.000 min
 Lab File: VW022613.D
 Acq: 25 Apr 2022 17:47

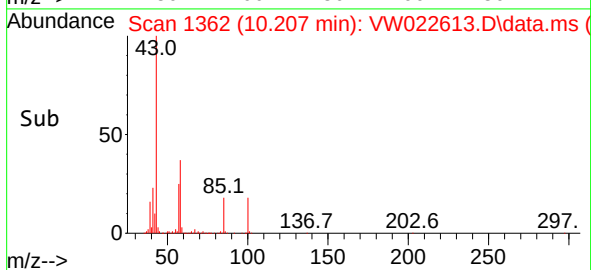
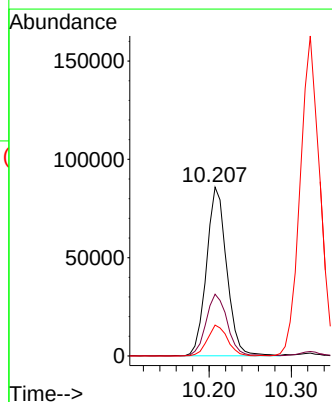
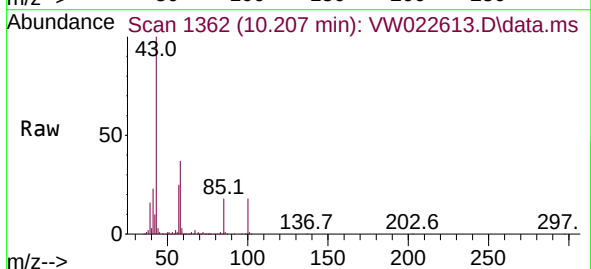
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025498

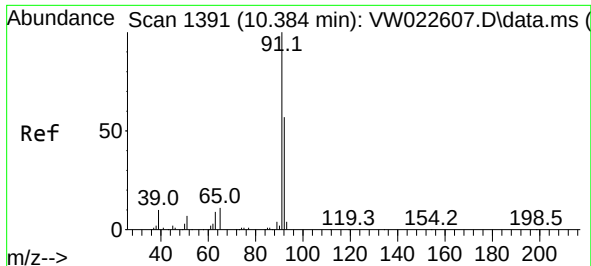
Tgt Ion: 75 Resp: 198470
 Ion Ratio Lower Upper
 75 100
 77 32.1 22.6 42.0



#40
 4-Methyl-2-pentanone
 Concen: 51.463 ug/L
 RT: 10.207 min Scan# 1362
 Delta R.T. 0.000 min
 Lab File: VW022613.D
 Acq: 25 Apr 2022 17:47

Tgt Ion: 43 Resp: 146063
 Ion Ratio Lower Upper
 43 100
 58 38.8 29.3 43.9
 100 18.3 12.2 18.4

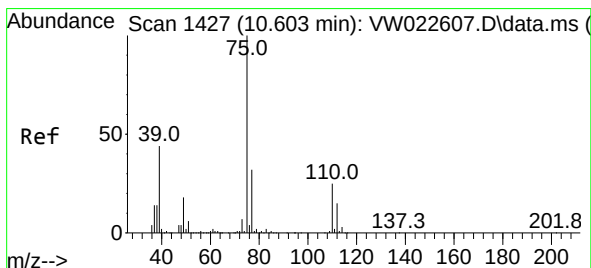
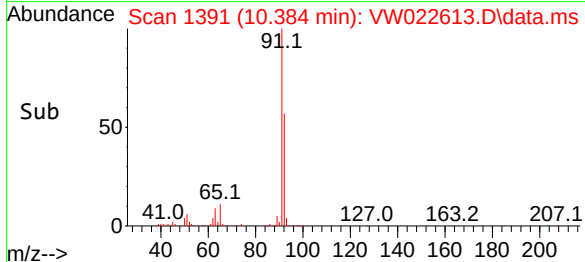
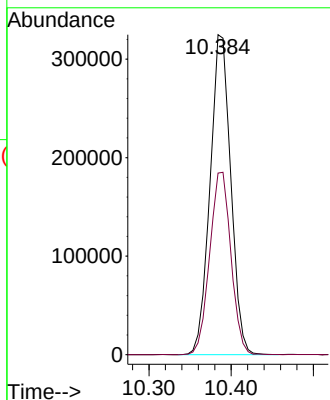
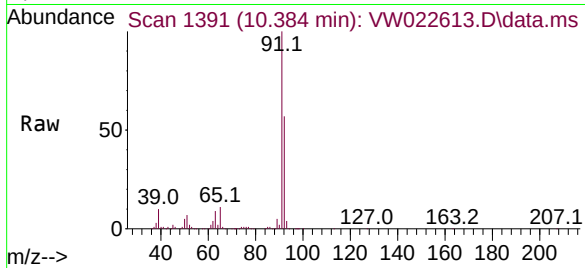




#42
Toluene
Concen: 25.556 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VW022613.D
Acq: 25 Apr 2022 17:47

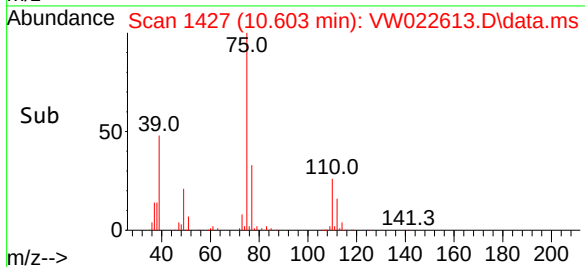
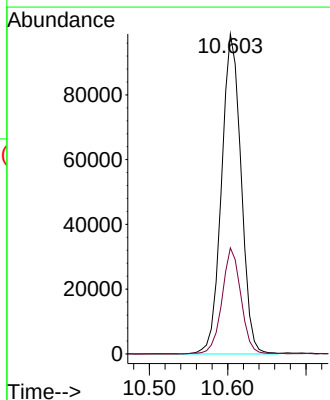
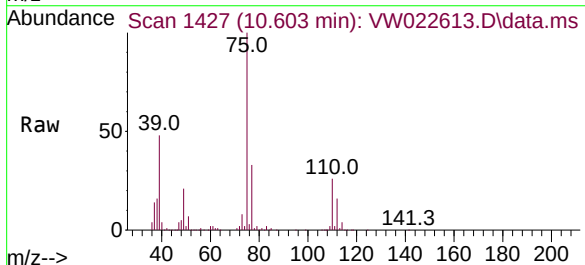
Instrument :
MSVOA_W
ClientSampleId :
VSTD025498

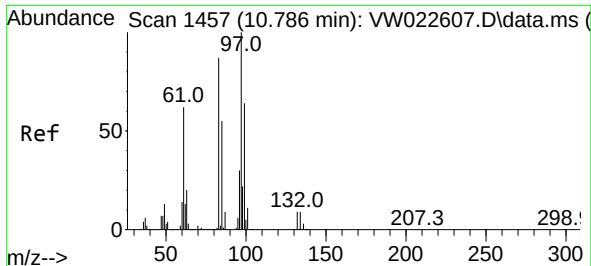
Tgt Ion: 91 Resp: 568499
Ion Ratio Lower Upper
91 100
92 56.7 38.0 70.6



#44
trans-1,3-Dichloropropene
Concen: 25.975 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW022613.D
Acq: 25 Apr 2022 17:47

Tgt Ion: 75 Resp: 171641
Ion Ratio Lower Upper
75 100
77 33.2 21.3 39.6

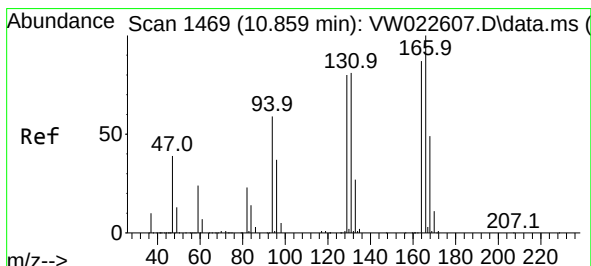
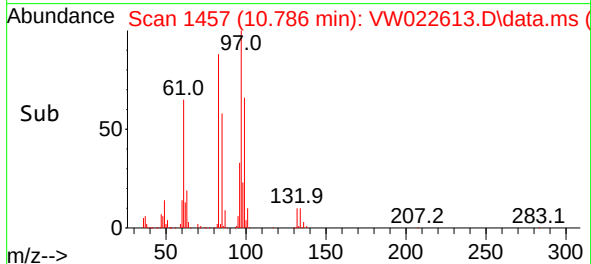
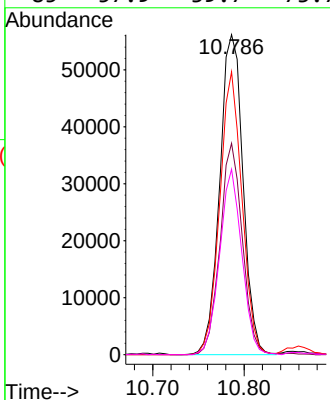
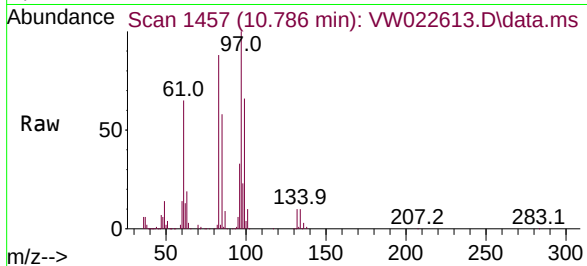




#45
1,1,2-Trichloroethane
Concen: 28.082 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW022613.D
Acq: 25 Apr 2022 17:47

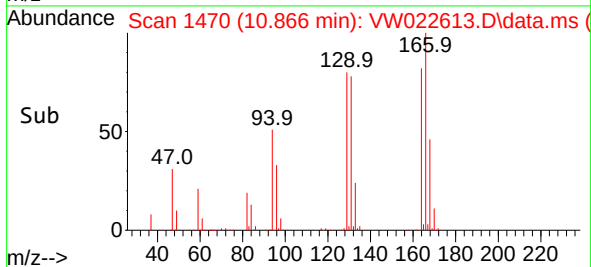
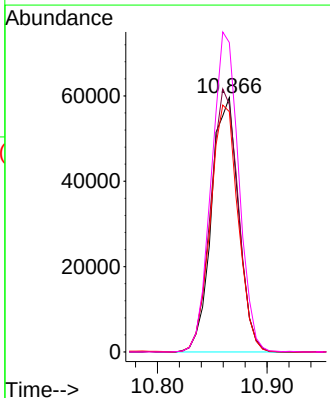
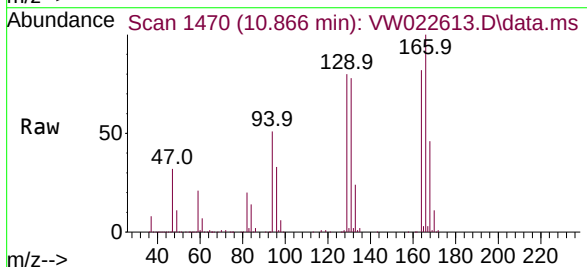
Instrument :
MSVOA_W
ClientSampleId :
VSTD025498

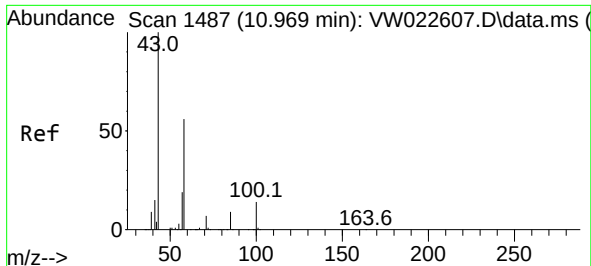
Tgt Ion: 97	Resp: 99674
Ion Ratio	Lower Upper
97 100	
99 66.0	46.0 85.4
83 88.4	60.6 112.6
85 57.9	39.7 73.7



#46
Tetrachloroethene
Concen: 26.873 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VW022613.D
Acq: 25 Apr 2022 17:47

Tgt	Ion:164	Resp:	102677
Ion	Ratio	Lower	Upper
164	100		
129	97.3	74.1	137.7
131	94.5	71.4	132.6
166	121.7	95.9	178.1

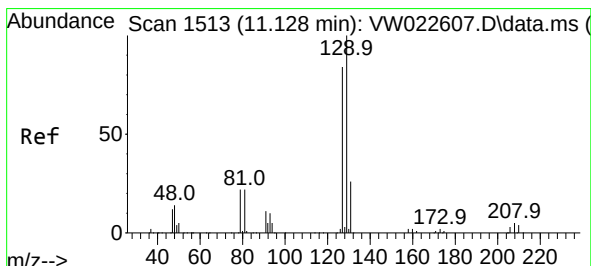
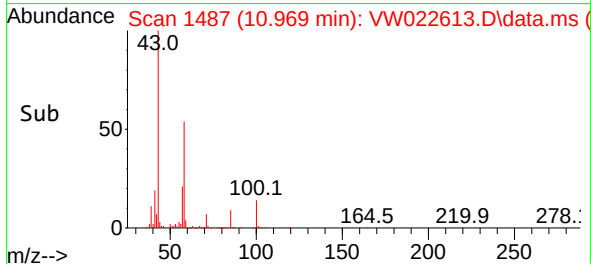
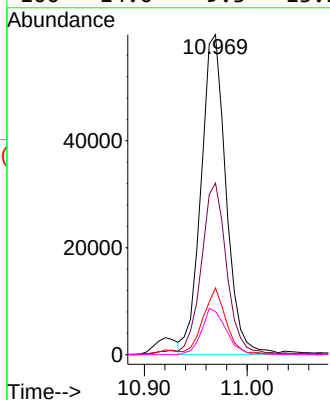
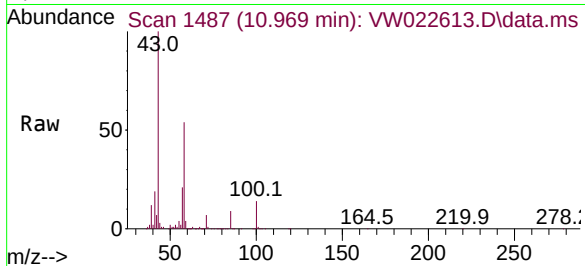




#48
2-Hexanone
Concen: 50.605 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW022613.D
Acq: 25 Apr 2022 17:47

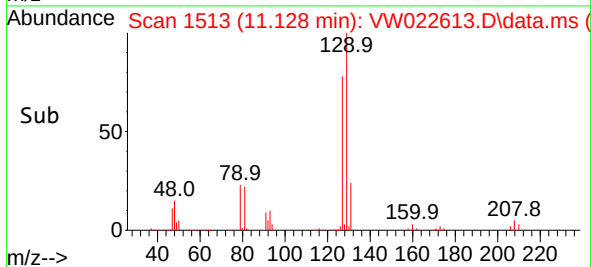
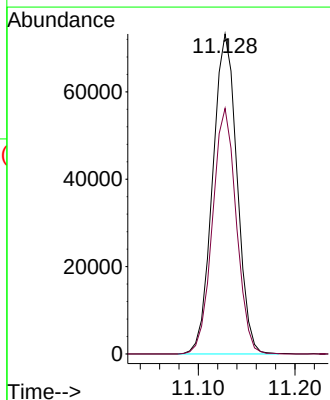
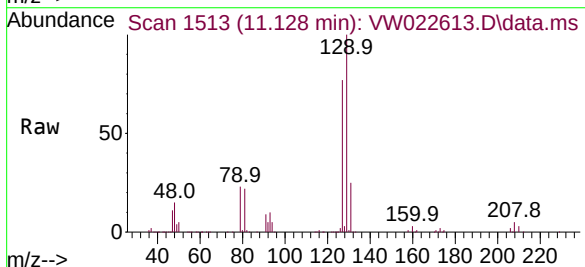
Instrument :
MSVOA_W
ClientSampleId :
VSTD025498

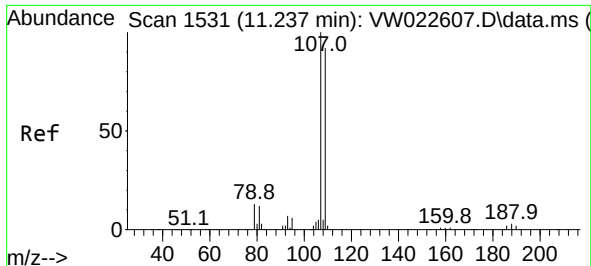
Tgt Ion:	43	Resp:	101326
Ion	Ratio	Lower	Upper
43	100		
58	54.3	41.6	62.4
57	19.0	14.5	21.7
100	14.0	9.3	13.9



#49
Dibromochloromethane
Concen: 30.255 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW022613.D
Acq: 25 Apr 2022 17:47

Tgt Ion:	129	Resp:	128070
Ion	Ratio	Lower	Upper
129	100		
127	76.7	52.6	97.6

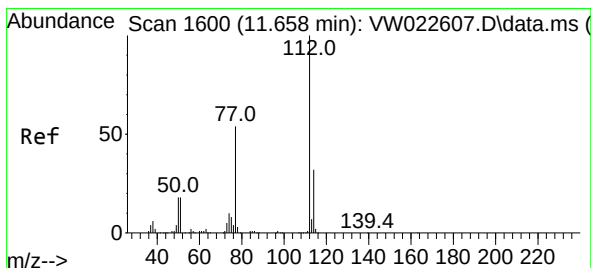
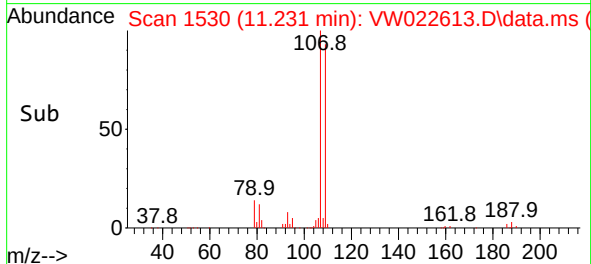
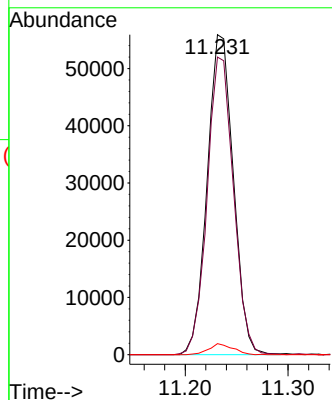
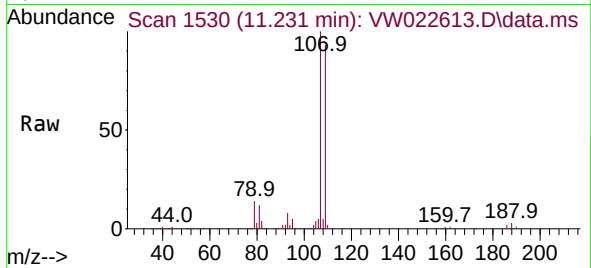




#50
1,2-Dibromoethane
Concen: 28.249 ug/L
RT: 11.231 min Scan# 1531
Delta R.T. -0.006 min
Lab File: VW022613.D
Acq: 25 Apr 2022 17:47

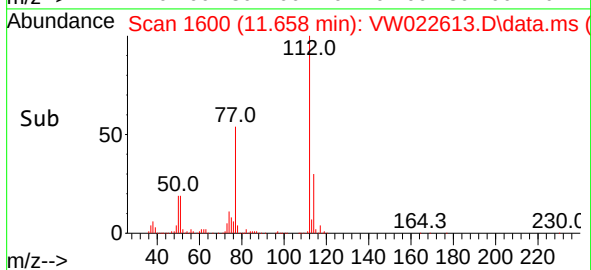
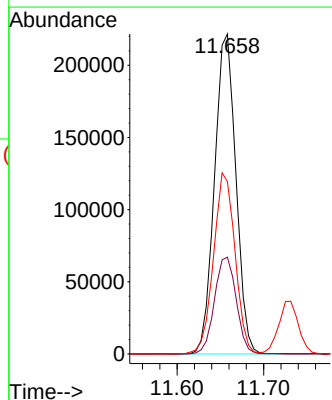
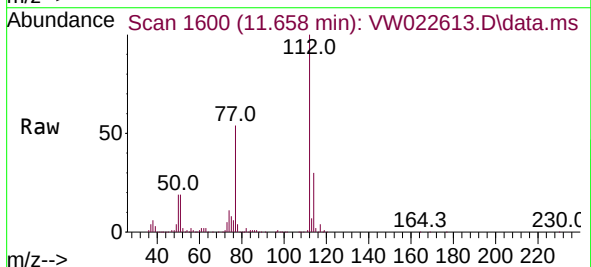
Instrument :
MSVOA_W
ClientSampleId :
VSTD025498

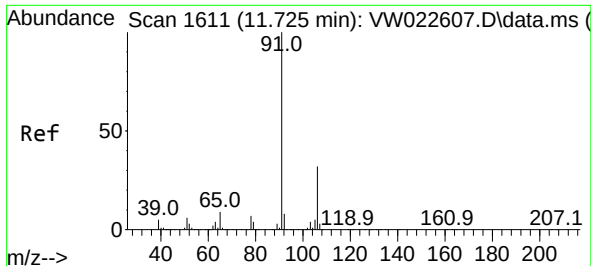
Tgt Ion:	107	Resp:	99006
Ion	Ratio	Lower	Upper
107	100		
109	93.0	68.2	126.6
188	3.5	2.8	4.2



#51
Chlorobenzene
Concen: 27.975 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW022613.D
Acq: 25 Apr 2022 17:47

Tgt Ion:	112	Resp:	380278
Ion	Ratio	Lower	Upper
112	100		
114	30.3	20.5	38.1
77	53.9	48.1	72.1

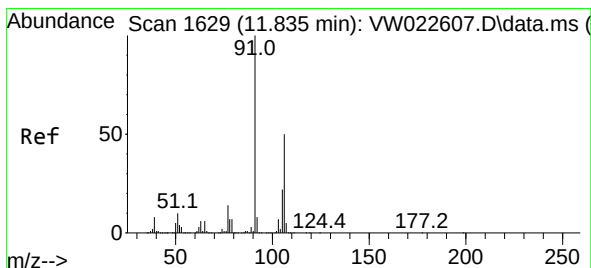
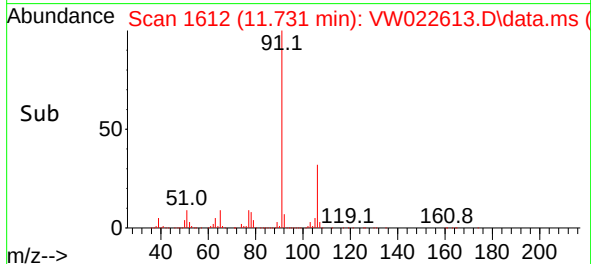
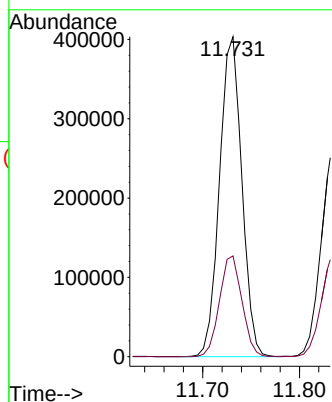
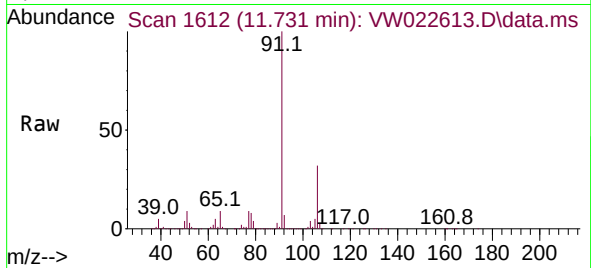




#52
Ethylbenzene
Concen: 25.881 ug/L
RT: 11.731 min Scan# 1611
Delta R.T. 0.006 min
Lab File: VW022613.D
Acq: 25 Apr 2022 17:47

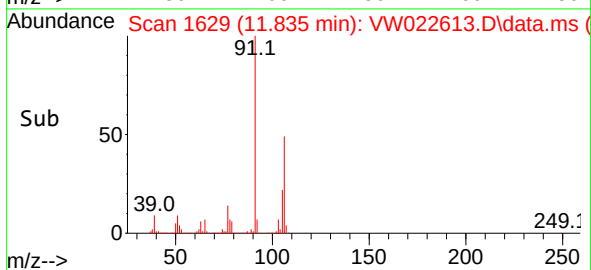
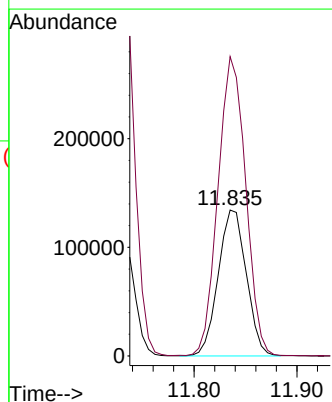
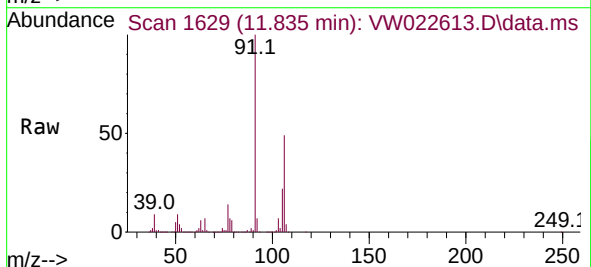
Instrument :
MSVOA_W
ClientSampleId :
VSTD025498

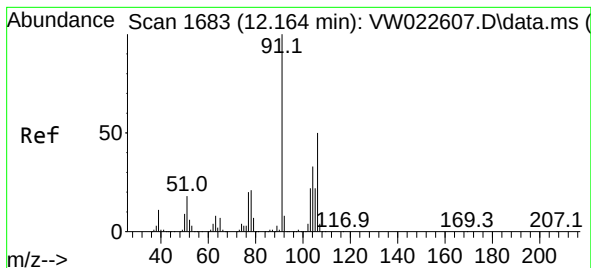
Tgt Ion: 91 Resp: 645315
Ion Ratio Lower Upper
91 100
106 31.5 20.5 38.1



#53
m,p-Xylene
Concen: 26.918 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW022613.D
Acq: 25 Apr 2022 17:47

Tgt Ion: 106 Resp: 255203
Ion Ratio Lower Upper
106 100
91 205.3 149.9 278.5





#54

o-Xylene

Concen: 27.269 ug/L

RT: 12.164 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW022613.D

Acq: 25 Apr 2022 17:47

Instrument :

MSVOA_W

ClientSampleId :

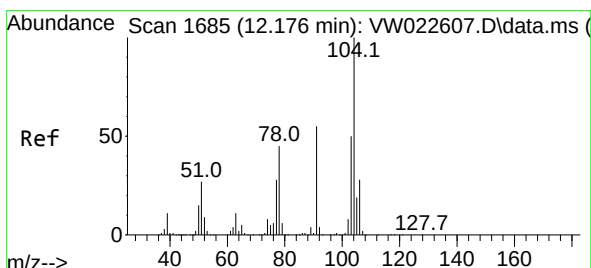
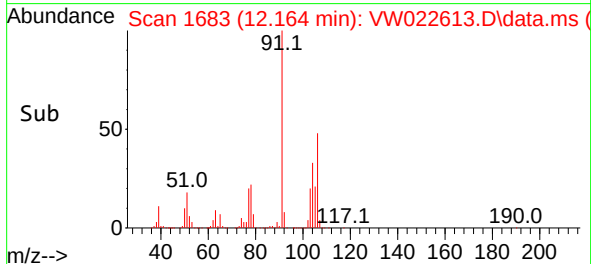
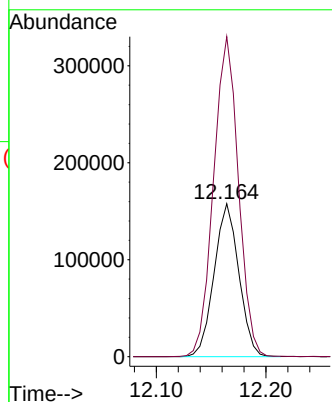
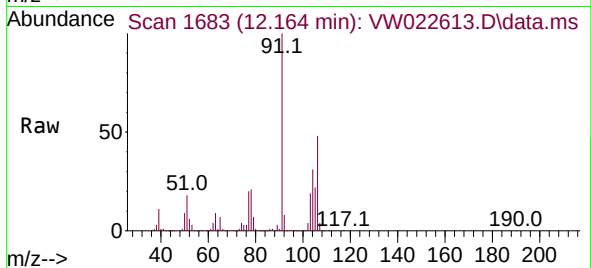
VSTD025498

Tgt Ion:106 Resp: 247046

Ion Ratio Lower Upper

106 100

91 209.2 155.3 288.3



#55

Styrene

Concen: 27.195 ug/L

RT: 12.176 min Scan# 1685

Delta R.T. 0.000 min

Lab File: VW022613.D

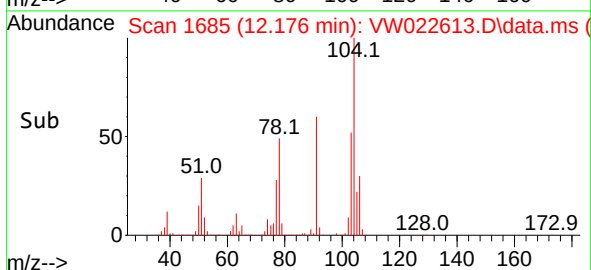
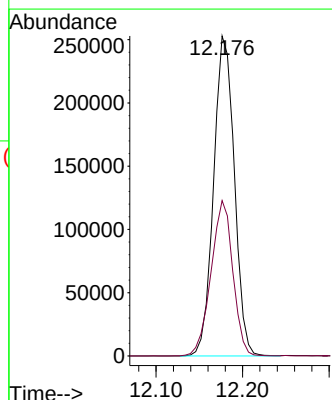
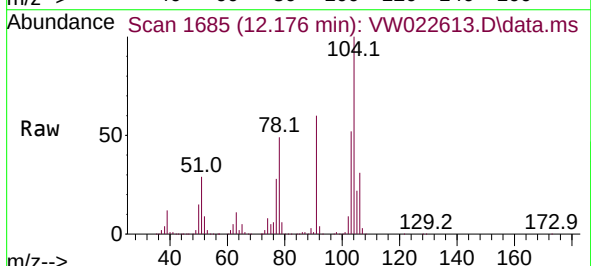
Acq: 25 Apr 2022 17:47

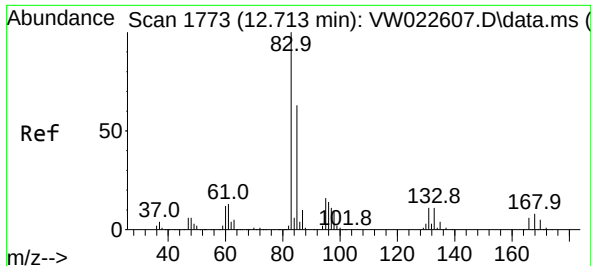
Tgt Ion:104 Resp: 420941

Ion Ratio Lower Upper

104 100

78 48.6 34.4 64.0





#57

1,1,2,2-Tetrachloroethane

Concen: 28.210 ug/L

RT: 12.713 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VW022613.D

Acq: 25 Apr 2022 17:47

Instrument :

MSVOA_W

ClientSampleId :

VSTD025498

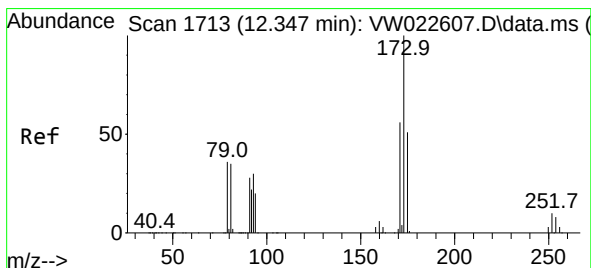
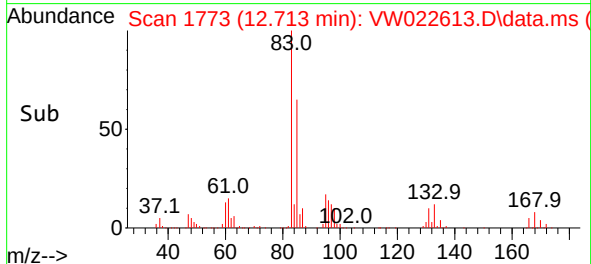
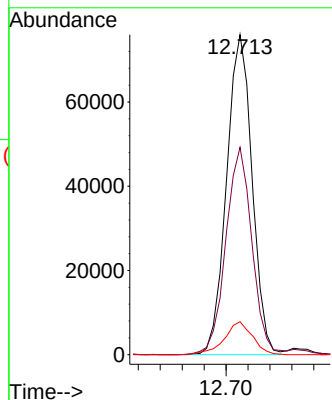
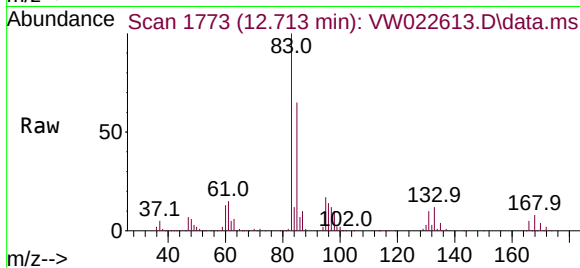
Tgt Ion: 83 Resp: 122895

Ion Ratio Lower Upper

83 100

85 64.8 45.5 84.5

131 10.3 7.8 11.8



#59

Bromoform

Concen: 26.487 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. 0.000 min

Lab File: VW022613.D

Acq: 25 Apr 2022 17:47

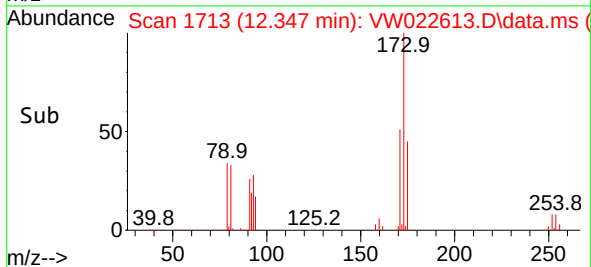
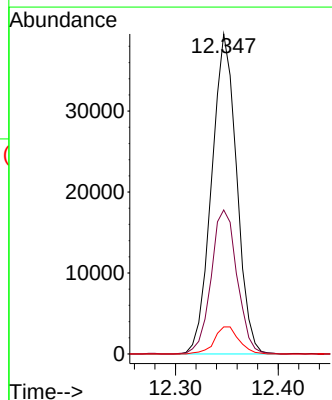
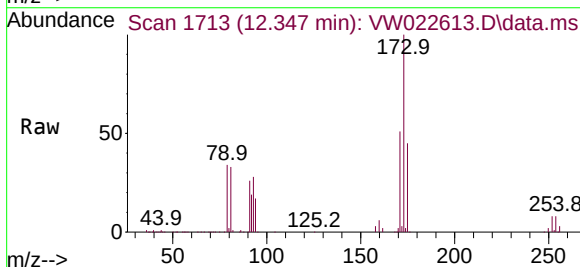
Tgt Ion: 173 Resp: 66715

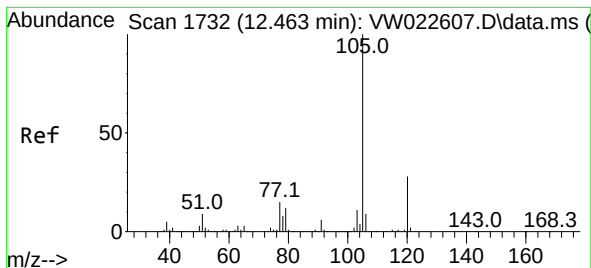
Ion Ratio Lower Upper

173 100

175 46.7 39.2 58.8

254 8.3 6.6 9.8





#60

Isopropylbenzene

Concen: 24.275 ug/L

RT: 12.463 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW022613.D

Acq: 25 Apr 2022 17:47

Instrument :

MSVOA_W

ClientSampleId :

VSTD025498

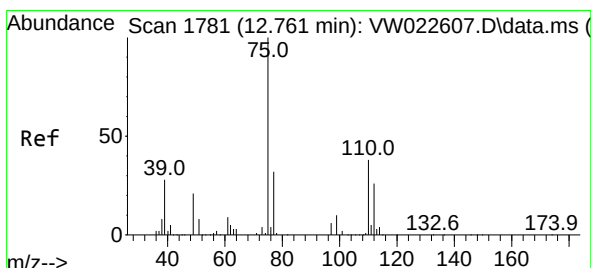
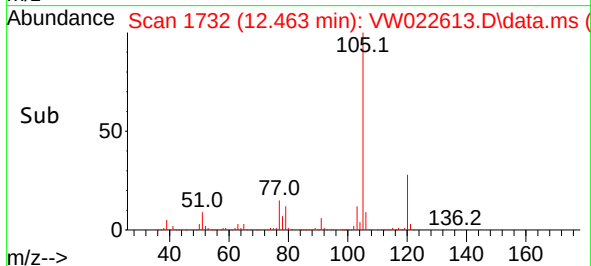
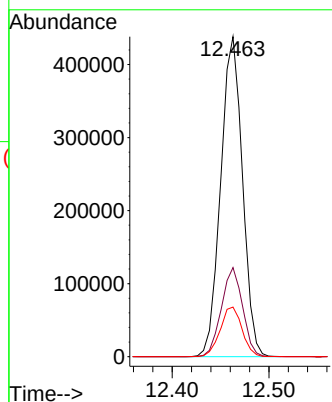
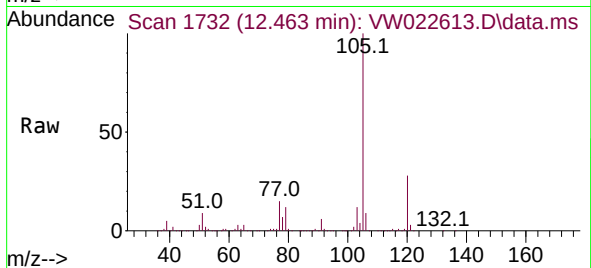
Tgt Ion:105 Resp: 683555

Ion Ratio Lower Upper

105 100

120 27.2 20.9 31.3

77 15.6 13.7 20.5



#61

1,2,3-Trichloropropane

Concen: 24.786 ug/L

RT: 12.768 min Scan# 1782

Delta R.T. 0.006 min

Lab File: VW022613.D

Acq: 25 Apr 2022 17:47

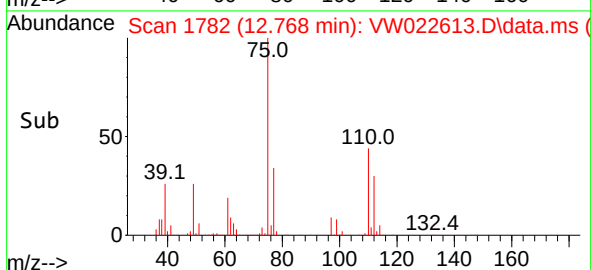
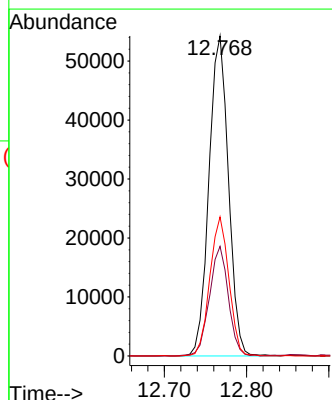
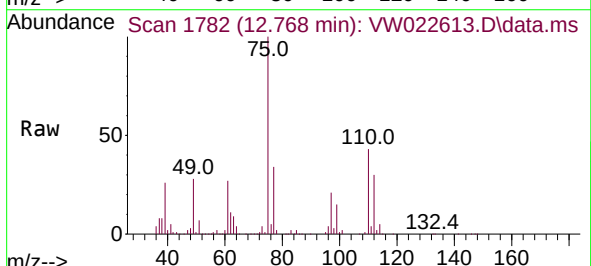
Tgt Ion: 75 Resp: 89373

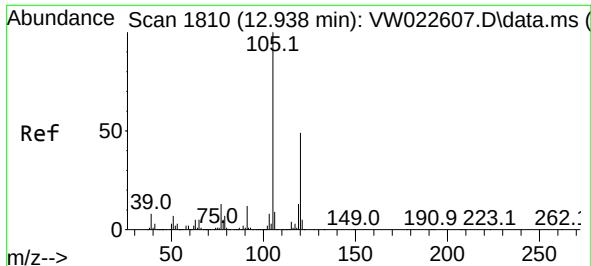
Ion Ratio Lower Upper

75 100

77 33.1 25.7 38.5

110 42.5 31.8 47.6

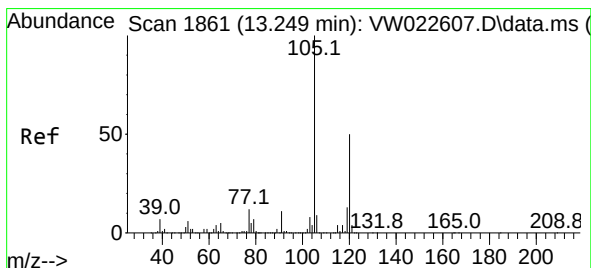
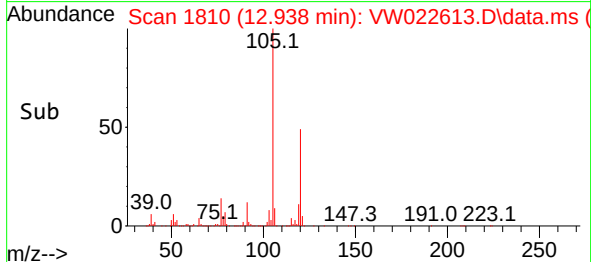
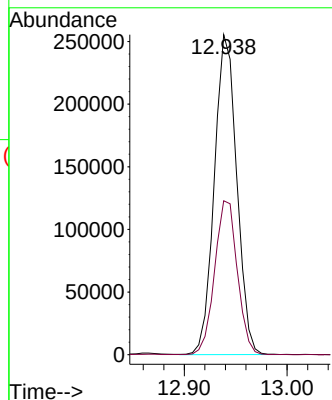
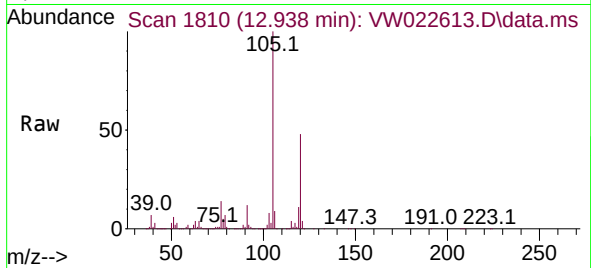




#62
1,3,5-Trimethylbenzene
Concen: 24.950 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VW022613.D
Acq: 25 Apr 2022 17:47

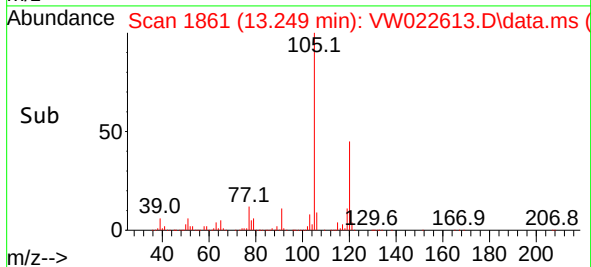
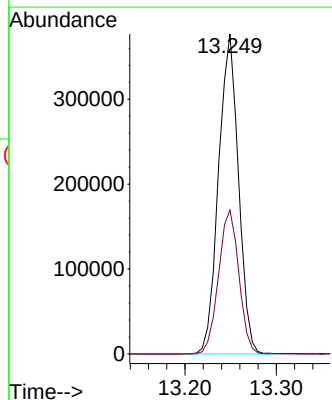
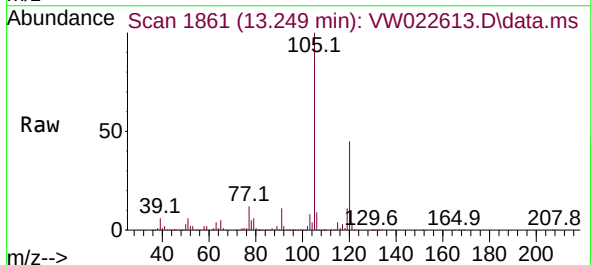
Instrument :
MSVOA_W
ClientSampleId :
VSTD025498

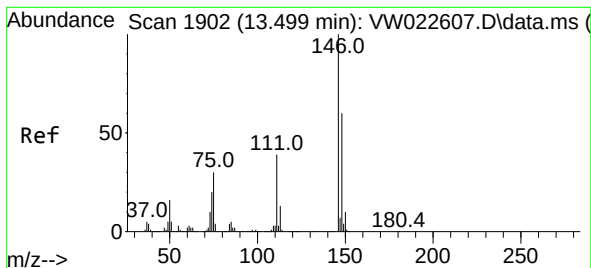
Tgt Ion:105 Resp: 386364
Ion Ratio Lower Upper
105 100
120 48.6 37.5 56.3



#63
1,2,4-Trimethylbenzene
Concen: 24.298 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW022613.D
Acq: 25 Apr 2022 17:47

Tgt Ion:105 Resp: 572188
Ion Ratio Lower Upper
105 100
120 45.7 34.2 51.2





#64

1,3-Dichlorobenzene

Concen: 25.890 ug/L

RT: 13.493 min Scan# 1902

Delta R.T. -0.006 min

Lab File: VW022613.D

Acq: 25 Apr 2022 17:47

Instrument :

MSVOA_W

ClientSampleId :

VSTD025498

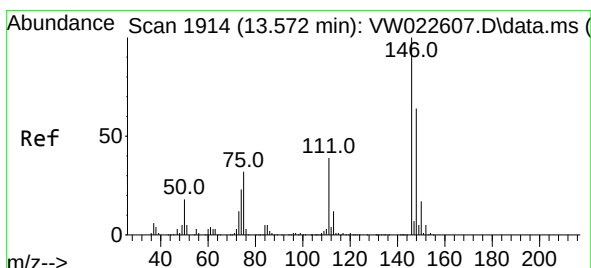
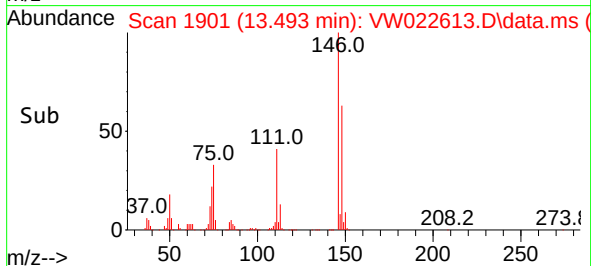
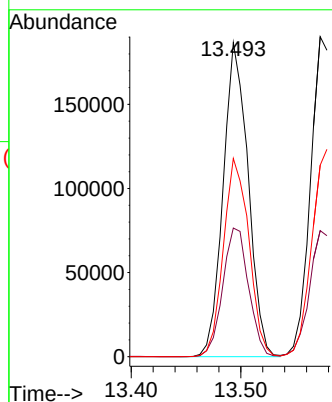
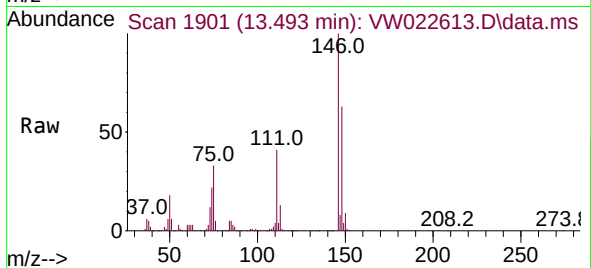
Tgt Ion:146 Resp: 295866

Ion Ratio Lower Upper

146 100

111 41.0 28.2 52.4

148 63.1 41.9 77.7



#65

1,4-Dichlorobenzene

Concen: 26.791 ug/L

RT: 13.572 min Scan# 1914

Delta R.T. 0.000 min

Lab File: VW022613.D

Acq: 25 Apr 2022 17:47

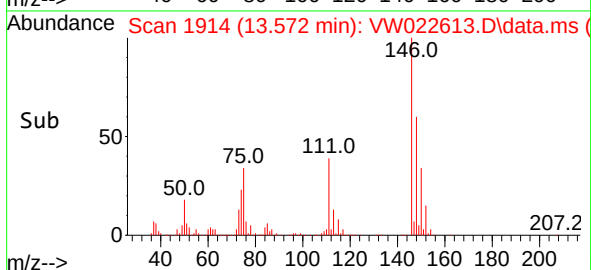
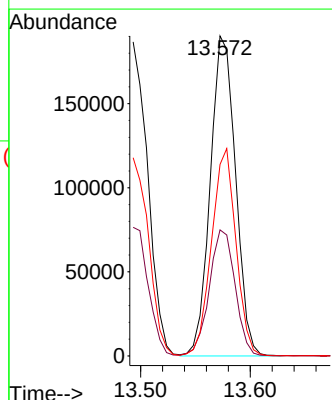
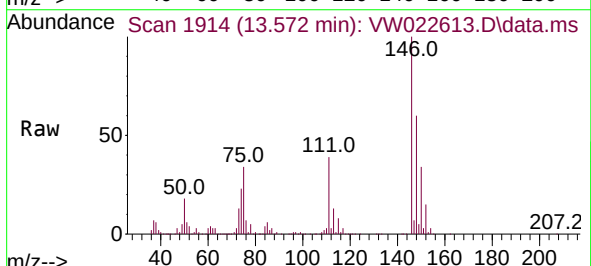
Tgt Ion:146 Resp: 305342

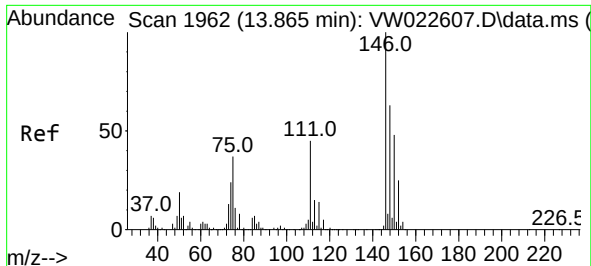
Ion Ratio Lower Upper

146 100

111 39.4 28.5 52.9

148 59.9 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 26.595 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW022613.D

Acq: 25 Apr 2022 17:47

Instrument :

MSVOA_W

ClientSampleId :

VSTD025498

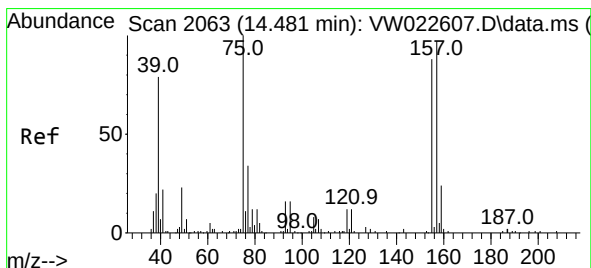
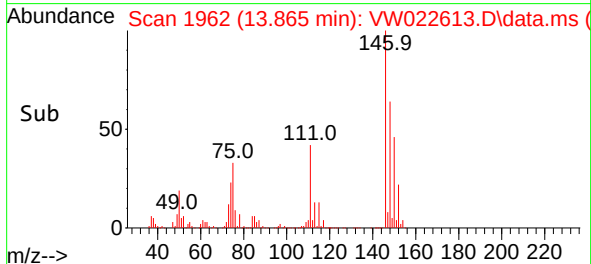
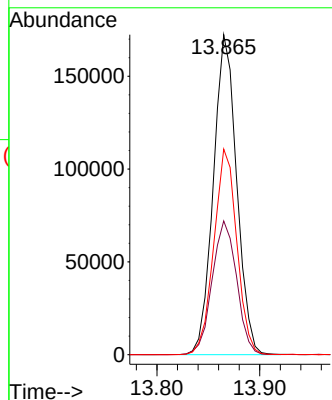
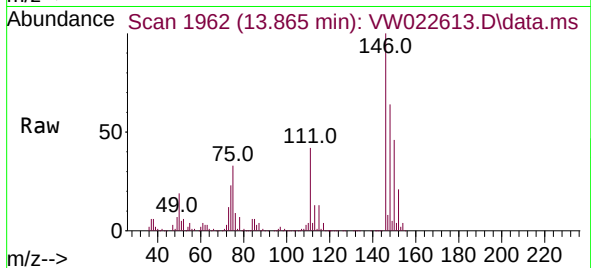
Tgt Ion:146 Resp: 271804

Ion Ratio Lower Upper

146 100

111 41.8 39.0 58.4

148 64.3 52.1 78.1



#68

1,2-Dibromo-3-chloropropane

Concen: 23.182 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW022613.D

Acq: 25 Apr 2022 17:47

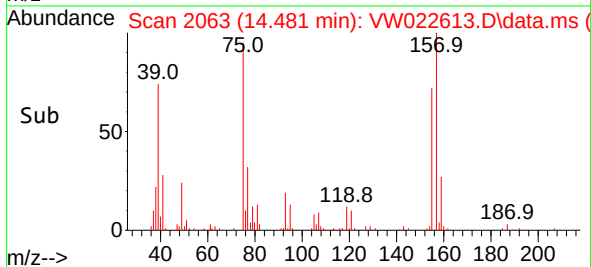
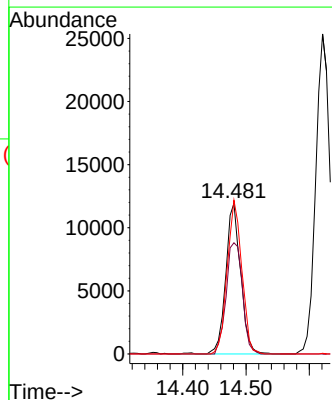
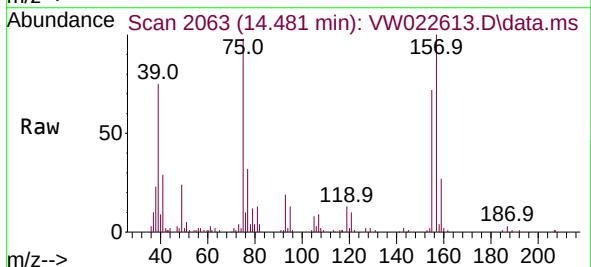
Tgt Ion: 75 Resp: 19387

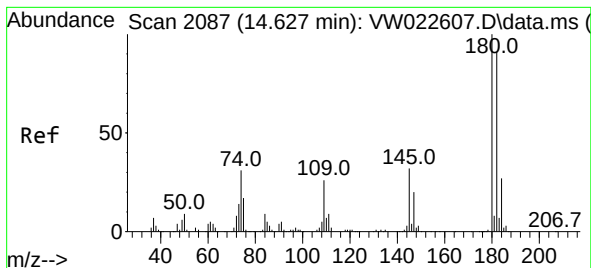
Ion Ratio Lower Upper

75 100

155 73.7 55.6 83.4

157 102.0 69.8 104.6





#69

1,3,5-Trichlorobenzene

Concen: 26.796 ug/L

RT: 14.621 min Scan# 2087

Delta R.T. -0.006 min

Lab File: VW022613.D

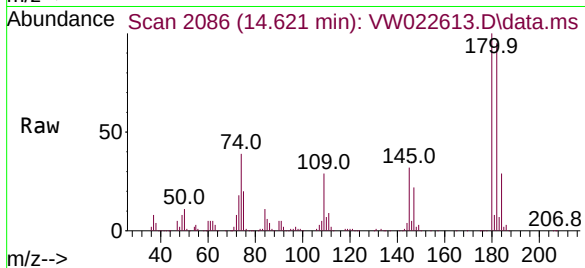
Acq: 25 Apr 2022 17:47

Instrument :

MSVOA_W

ClientSampleId :

VSTD025498



Tgt Ion:180 Resp: 199795

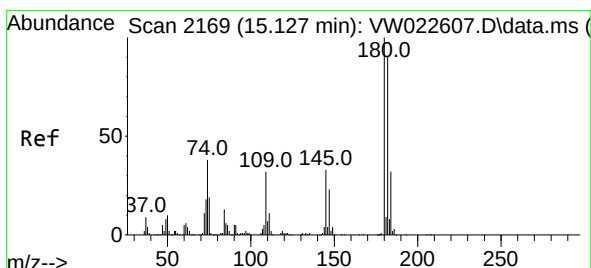
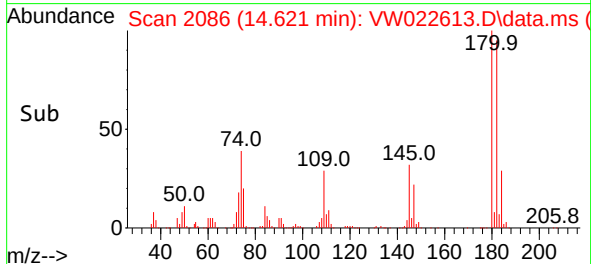
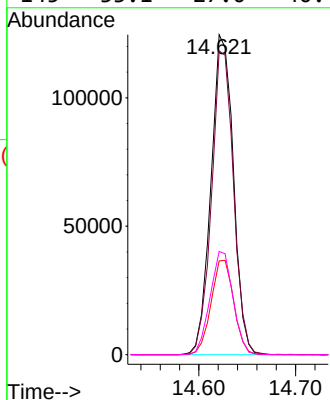
Ion Ratio Lower Upper

180 100

182 93.5 79.1 118.7

184 30.0 24.5 36.7

145 33.1 27.0 40.4



#70

1,2,4-trichlorobenzene

Concen: 25.844 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. 0.000 min

Lab File: VW022613.D

Acq: 25 Apr 2022 17:47

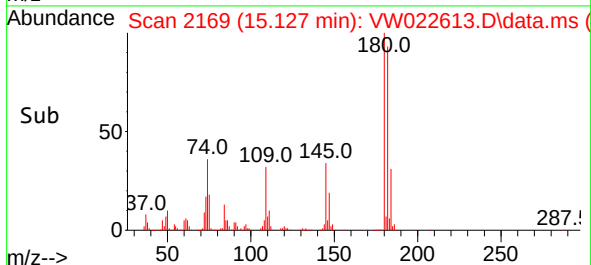
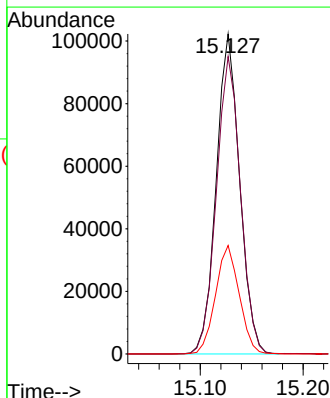
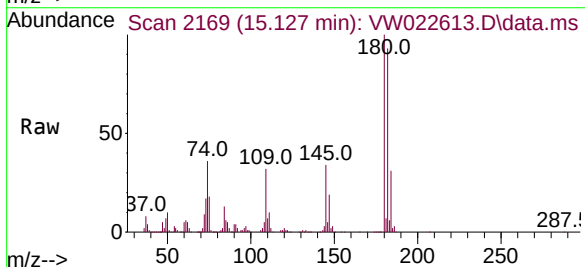
Tgt Ion:180 Resp: 161836

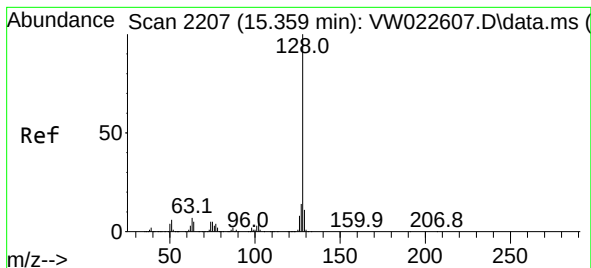
Ion Ratio Lower Upper

180 100

182 95.6 72.8 109.2

145 34.2 25.5 38.3





#71

Naphthalene

Concen: 26.574 ug/L

RT: 15.359 min Scan# 2207

Delta R.T. 0.000 min

Lab File: VW022613.D

Acq: 25 Apr 2022 17:47

Instrument :

MSVOA_W

ClientSampleId :

VSTD025498

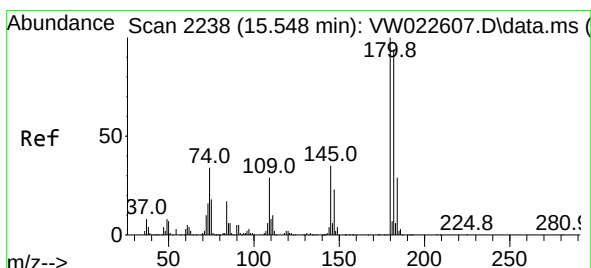
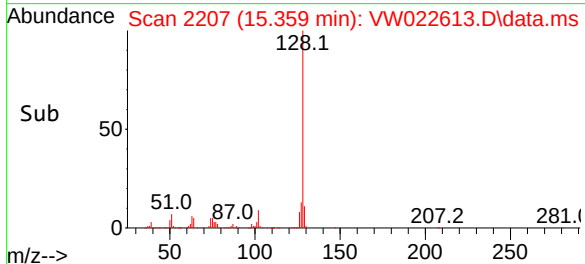
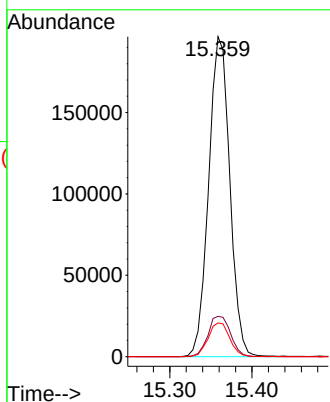
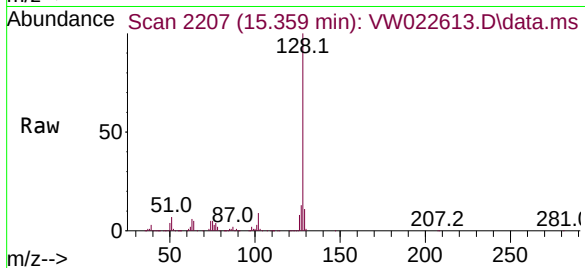
Tgt Ion:128 Resp: 350984

Ion Ratio Lower Upper

128 100

127 13.5 10.6 15.8

129 10.8 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 26.569 ug/L

RT: 15.548 min Scan# 2238

Delta R.T. 0.000 min

Lab File: VW022613.D

Acq: 25 Apr 2022 17:47

Tgt Ion:180 Resp: 142214

Ion Ratio Lower Upper

180 100

182 94.2 73.4 110.0

145 35.3 27.0 40.6

