

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071322\
 Data File : VW023670.D
 Acq On : 14 Jul 2022 01:27
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025482

Quant Time: Jul 14 02:17:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Jul 14 02:04:07 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	207793	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	219255	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	134175	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	158755	29.913	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	119.640%
7) Chloroethane-d5	2.879	69	94041	26.561	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.240%
11) 1,1-Dichloroethene-d2	4.019	63	100876	23.342	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	93.360%
21) 2-Butanone-d5	7.299	46	150	0.182	ug/L	0.22
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.360%#
24) Chloroform-d	7.647	84	150926	24.947	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.800%
26) 1,2-Dichloroethane-d4	8.305	65	93990	25.402	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.600%
32) Benzene-d6	8.275	84	294270	25.819	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	103.280%
36) 1,2-Dichloropropane-d6	9.274	67	84942	24.742	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.960%
41) Toluene-d8	10.323	98	299778	25.930	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	103.720%
43) trans-1,3-Dichloroprop...	10.579	79	39252	24.391	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.560%
47) 2-Hexanone-d5	10.920	63	37938	52.551	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.100%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	102300	26.963	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	107.840%
66) 1,2-Dichlorobenzene-d4	13.853	152	111552	23.290	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.160%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.007	85	34499	24.431	ug/L	91
3) Chloromethane	2.215	50	88237	25.516	ug/L	96
5) Vinyl chloride	2.355	62	156044	26.279	ug/L	99
6) Bromomethane	2.769	94	85302	22.209	ug/L	99
8) Chloroethane	2.916	64	62961	22.664	ug/L	94
9) Trichlorofluoromethane	3.245	101	54848	20.320	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	59531	22.536	ug/L	98
12) 1,1-Dichloroethene	4.031	96	47250	21.451	ug/L	99
13) Acetone	4.129	43	25685	44.131	ug/L	94
14) Carbon disulfide	4.379	76	135629	20.932	ug/L	99
15) Methyl Acetate	4.672	43	31157	23.919	ug/L	100
16) Methylene chloride	4.922	84	66303	20.406	ug/L	98
17) trans-1,2-Dichloroethene	5.421	96	60835	22.763	ug/L	95
18) Methyl tert-butyl Ether	5.428	73	104332	25.234	ug/L	99
19) 1,1-Dichloroethane	6.214	63	119547	24.250	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	71433	24.127	ug/L #	97
22) 2-Butanone	7.171	43	46172	48.273	ug/L	95
23) Bromochloromethane	7.513	128	35460	24.931	ug/L	94
25) Chloroform	7.671	83	136390	24.015	ug/L	97

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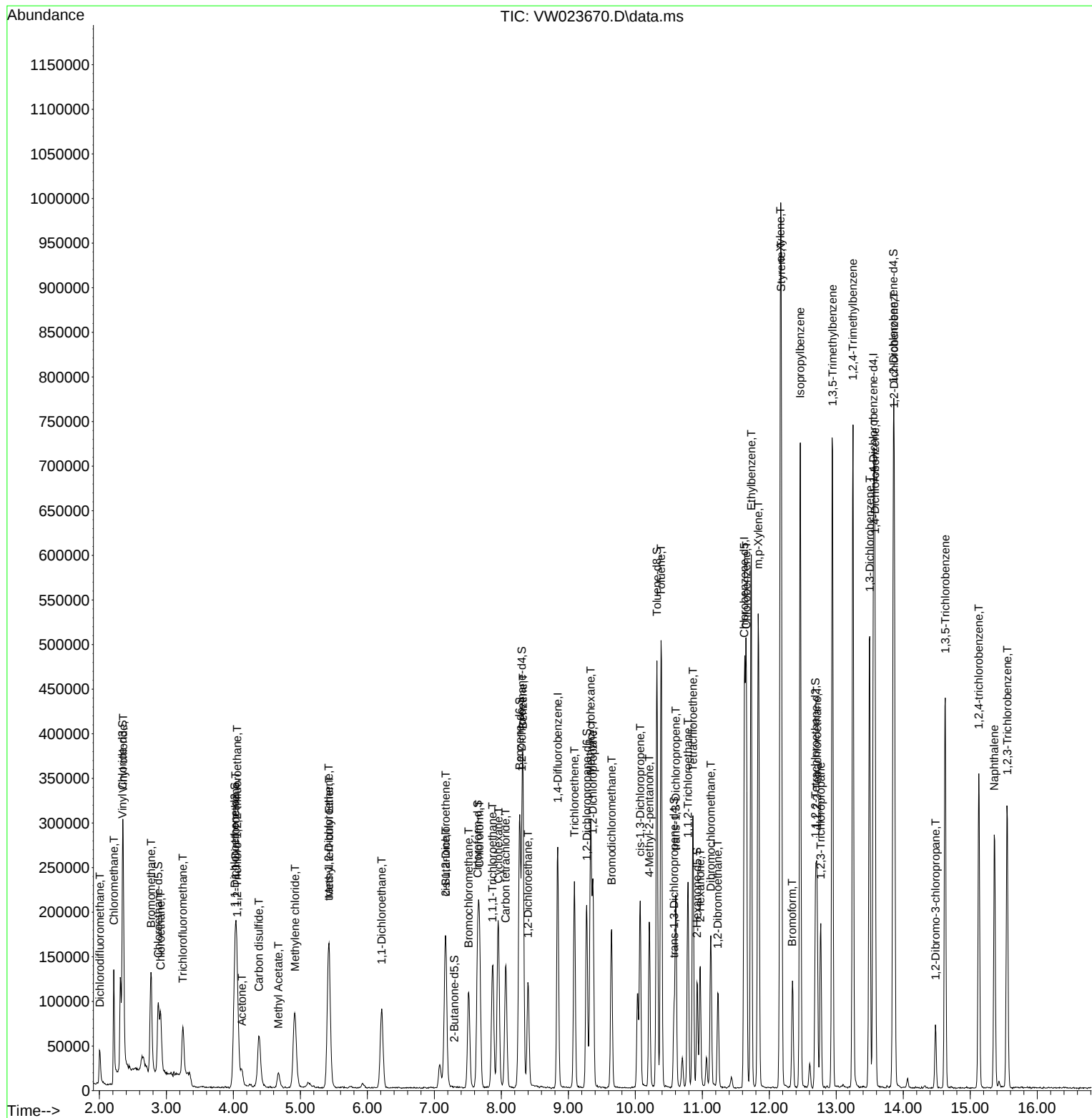
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	103090	24.664	ug/L	97
29) Cyclohexane	7.958	56	88971	22.187	ug/L	99
30) 1,1,1-Trichloroethane	7.866	97	108245	22.801	ug/L	98
31) Carbon tetrachloride	8.061	117	95092	22.220	ug/L	100
33) Benzene	8.323	78	294928	23.671	ug/L	100
34) Trichloroethene	9.092	95	72410	22.008	ug/L	97
35) Methylcyclohexane	9.335	83	114192	22.792	ug/L	97
37) 1,2-Dichloropropane	9.366	63	75815	24.271	ug/L	99
38) Bromodichloromethane	9.646	83	109484	25.113	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	108043	22.948	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	112801	51.894	ug/L	99
42) Toluene	10.384	91	353146	24.853	ug/L	99
44) trans-1,3-Dichloropropene	10.603	75	106678	23.839	ug/L	97
45) 1,1,2-Trichloroethane	10.786	97	66836	24.470	ug/L	99
46) Tetrachloroethene	10.860	164	59130	23.242	ug/L	91
48) 2-Hexanone	10.969	43	85778	54.201	ug/L	98
49) Dibromochloromethane	11.128	129	77863	24.582	ug/L	86
50) 1,2-Dibromoethane	11.231	107	65060	24.794	ug/L	92
51) Chlorobenzene	11.658	112	233668	24.383	ug/L	97
52) Ethylbenzene	11.731	91	395410	24.488	ug/L	99
53) m,p-Xylene	11.835	106	160649	25.500	ug/L	90
54) o-Xylene	12.164	106	162152	26.801	ug/L	100
55) Styrene	12.176	104	296110	27.703	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	98662	26.482	ug/L	100
59) Bromoform	12.341	173	46505	23.505	ug/L #	99
60) Isopropylbenzene	12.463	105	434691	24.118	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	70469	23.952	ug/L	100
62) 1,3,5-Trimethylbenzene	12.944	105	360450	24.427	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	366301	24.829	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	189632	23.173	ug/L	94
65) 1,4-Dichlorobenzene	13.579	146	192807	22.146	ug/L	96
67) 1,2-Dichlorobenzene	13.865	146	186244	24.132	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	16693	24.600	ug/L	91
69) 1,3,5-Trichlorobenzene	14.627	180	119441	22.051	ug/L	94
70) 1,2,4-trichlorobenzene	15.127	180	98845	23.633	ug/L	96
71) Naphthalene	15.359	128	224948	25.073	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	89909	23.063	ug/L	98

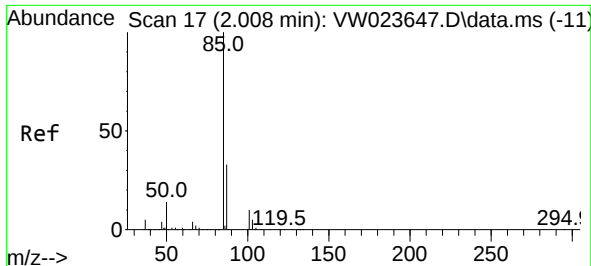
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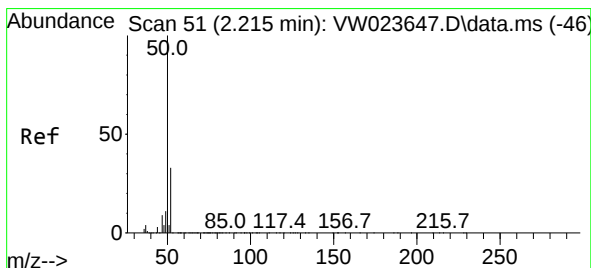
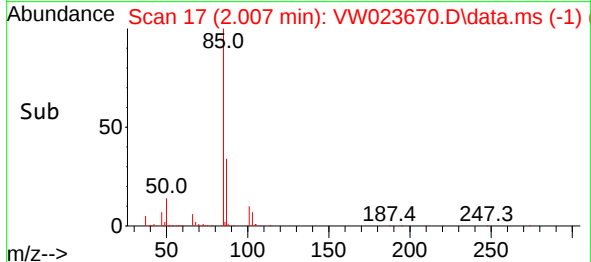
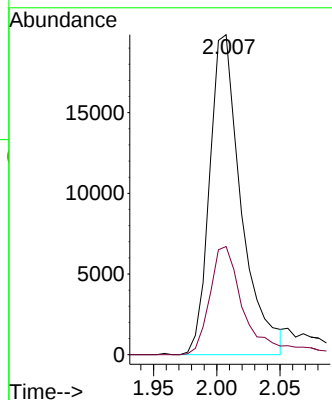
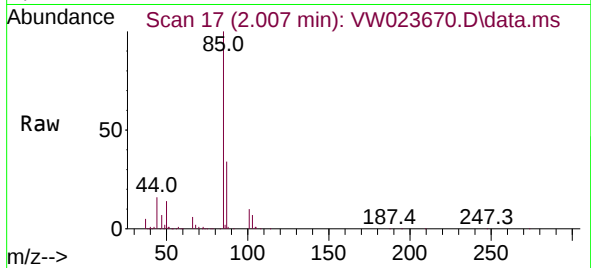




#2
Dichlorodifluoromethane
Concen: 24.431 ug/L
RT: 2.007 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW023670.D
Acq: 14 Jul 2022 01:27

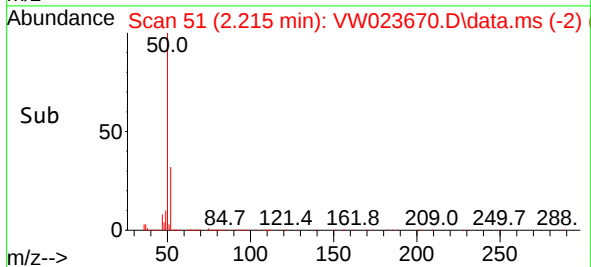
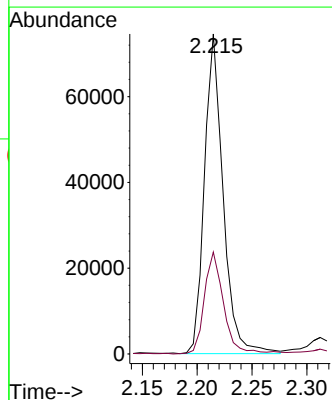
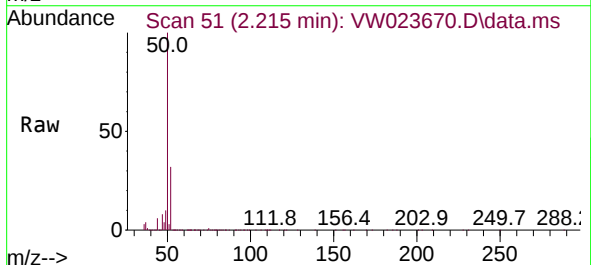
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MSVOA_W
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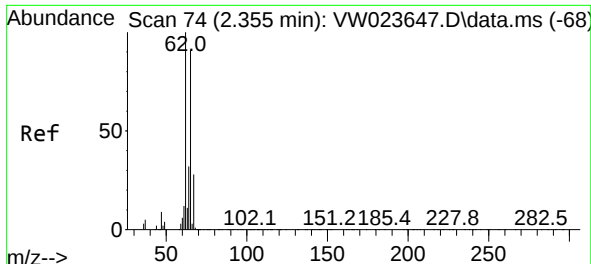
Tgt Ion: 85 Resp: 34499
Ion Ratio Lower Upper
85 100
87 35.8 24.7 37.1



#3
Chloromethane
Concen: 25.516 ug/L
RT: 2.215 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW023670.D
Acq: 14 Jul 2022 01:27

Tgt Ion: 50 Resp: 88237
Ion Ratio Lower Upper
50 100
52 31.9 23.7 44.1

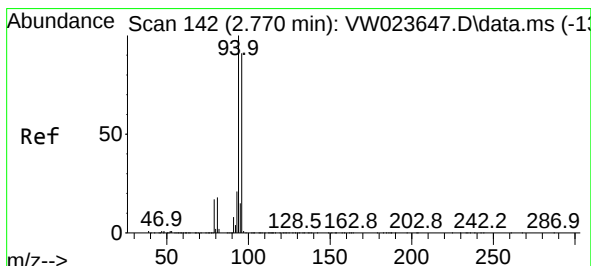
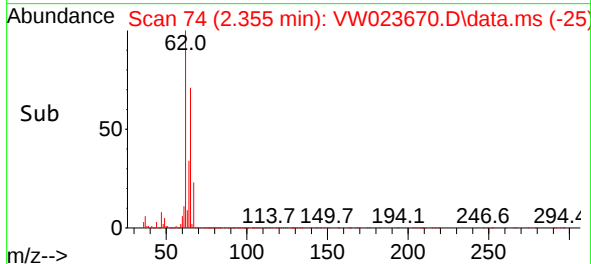
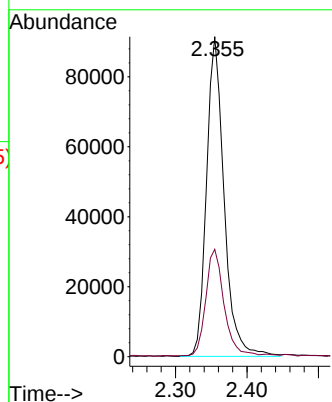
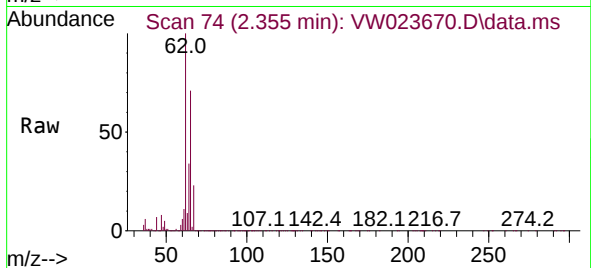




#5
 Vinyl chloride
 Concen: 26.279 ug/L
 RT: 2.355 min Scan# 74
 Delta R.T. -0.000 min
 Lab File: VW023670.D
 Acq: 14 Jul 2022 01:27

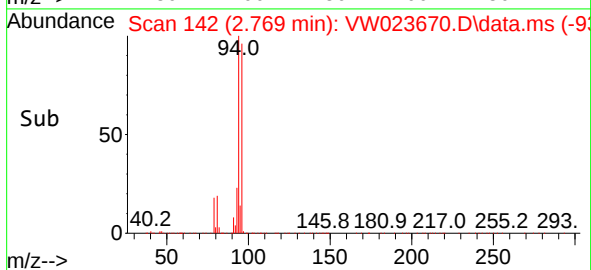
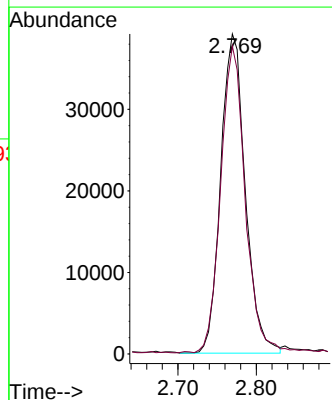
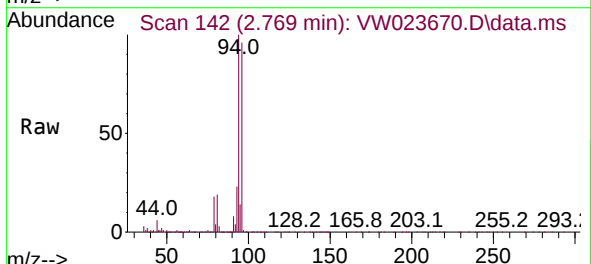
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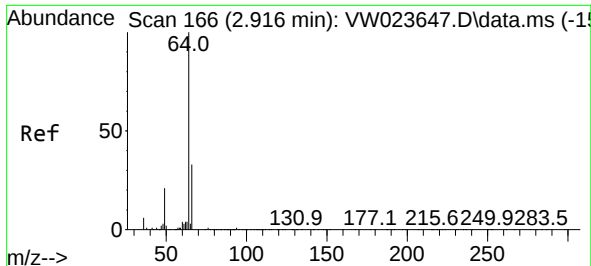
Tgt Ion: 62 Resp: 156044
 Ion Ratio Lower Upper
 62 100
 64 33.6 24.0 44.6



#6
 Bromomethane
 Concen: 22.209 ug/L
 RT: 2.769 min Scan# 142
 Delta R.T. -0.000 min
 Lab File: VW023670.D
 Acq: 14 Jul 2022 01:27

Tgt Ion: 94 Resp: 85302
 Ion Ratio Lower Upper
 94 100
 96 96.2 68.2 126.6

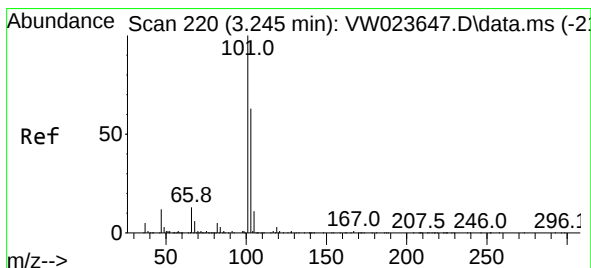
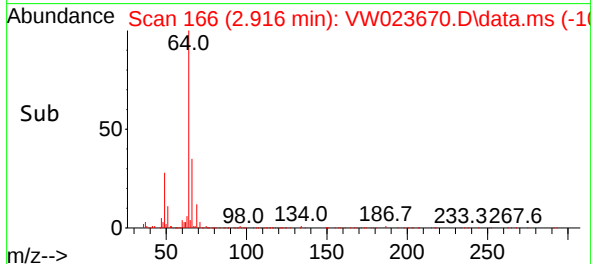
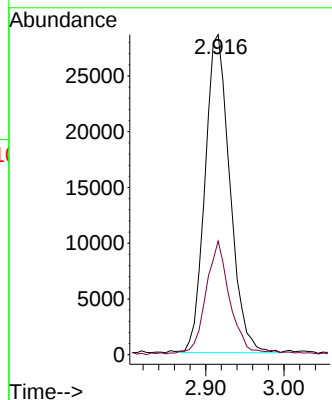
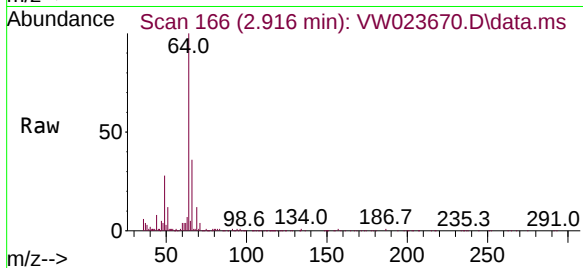




#8
Chloroethane
Concen: 22.664 ug/L
RT: 2.916 min Scan# 166
Delta R.T. -0.000 min
Lab File: VW023670.D
Acq: 14 Jul 2022 01:27

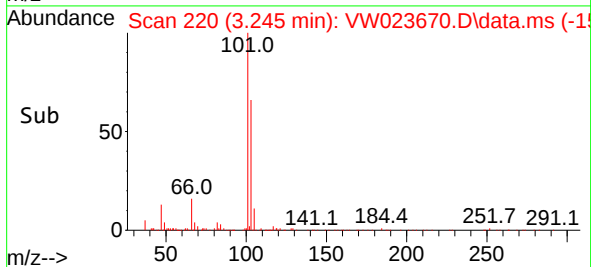
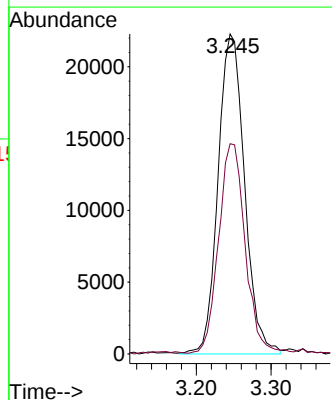
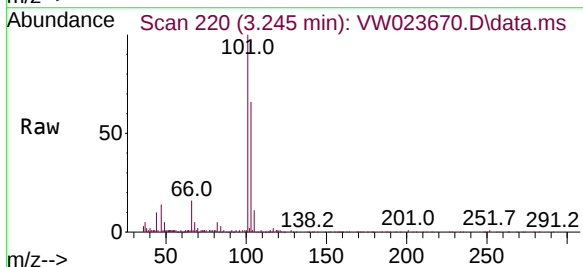
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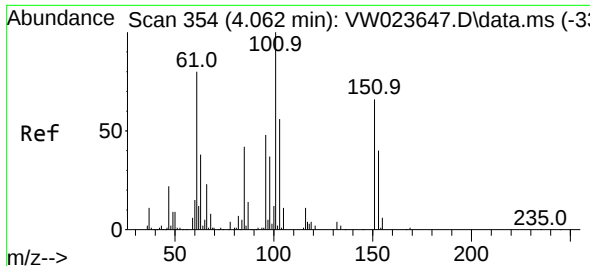
Tgt Ion: 64 Resp: 62961
Ion Ratio Lower Upper
64 100
66 35.5 22.4 41.6



#9
Trichlorofluoromethane
Concen: 20.320 ug/L
RT: 3.245 min Scan# 220
Delta R.T. -0.000 min
Lab File: VW023670.D
Acq: 14 Jul 2022 01:27

Tgt Ion: 101 Resp: 54848
Ion Ratio Lower Upper
101 100
103 65.7 52.1 78.1

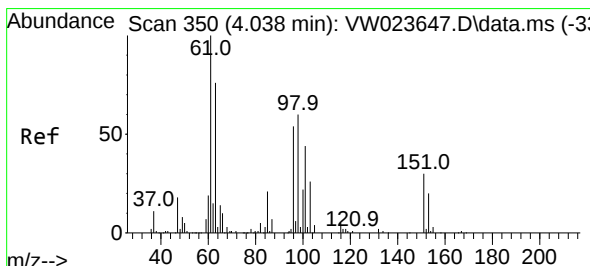
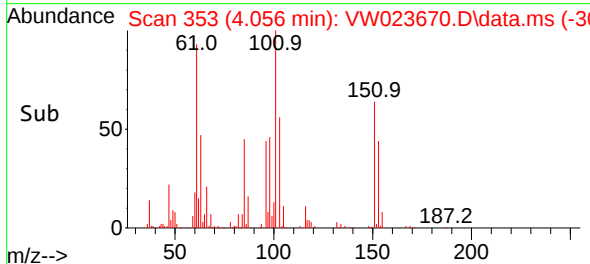
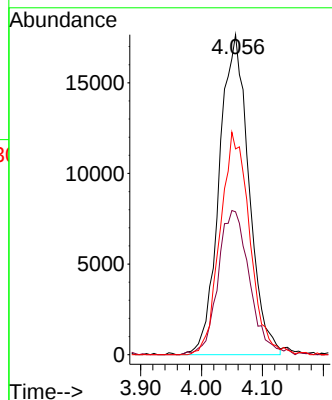
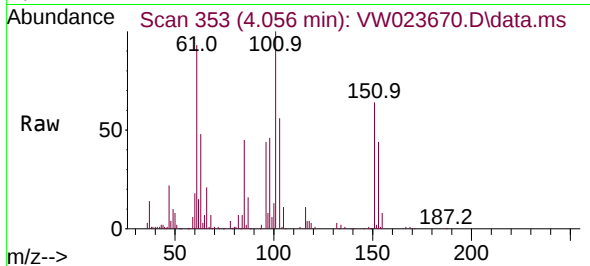




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 22.536 ug/L
 RT: 4.056 min Scan# 310
 Delta R.T. -0.006 min
 Lab File: VW023670.D
 Acq: 14 Jul 2022 01:27

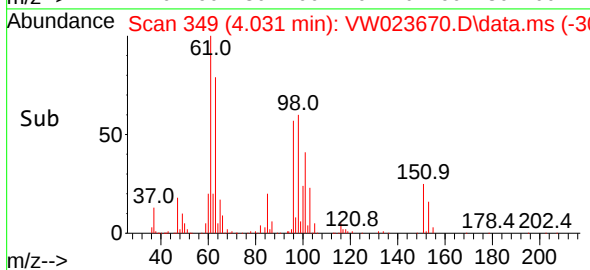
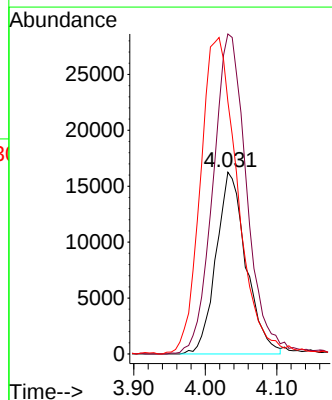
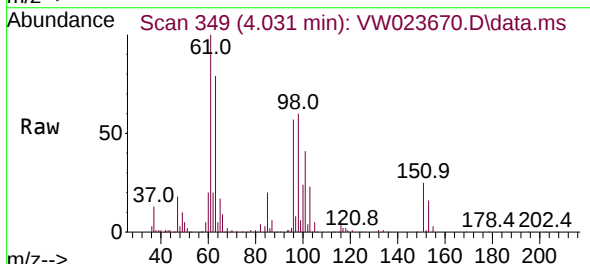
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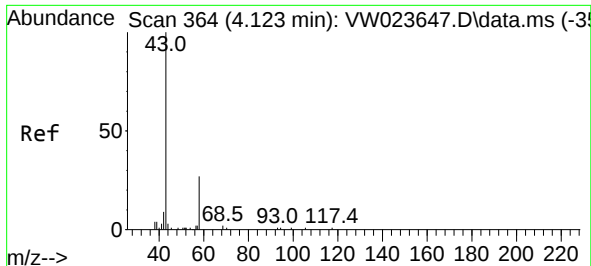
Tgt Ion:101 Resp: 59531
 Ion Ratio Lower Upper
 101 100
 85 46.9 37.6 56.4
 151 68.7 57.6 86.4



#12
 1,1-Dichloroethene
 Concen: 21.451 ug/L
 RT: 4.031 min Scan# 349
 Delta R.T. -0.006 min
 Lab File: VW023670.D
 Acq: 14 Jul 2022 01:27

Tgt Ion: 96 Resp: 47250
 Ion Ratio Lower Upper
 96 100
 61 176.1 125.4 232.8
 63 138.9 97.4 180.8

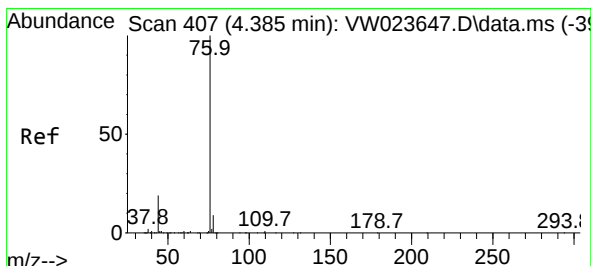
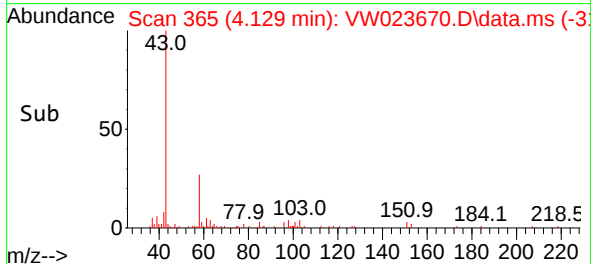
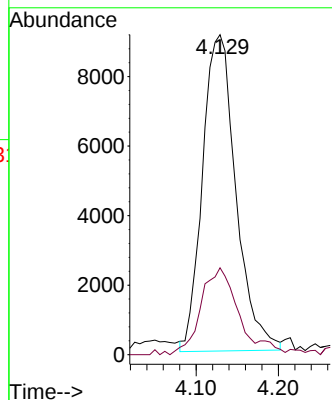
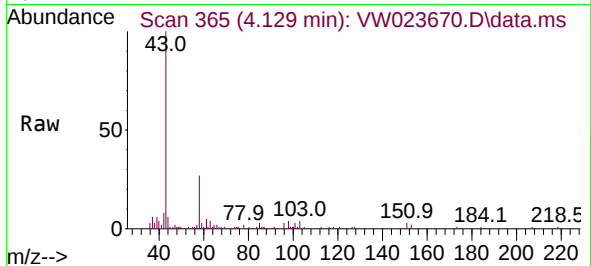




#13
Acetone
Concen: 44.131 ug/L
RT: 4.129 min Scan# 30
Delta R.T. 0.006 min
Lab File: VW023670.D
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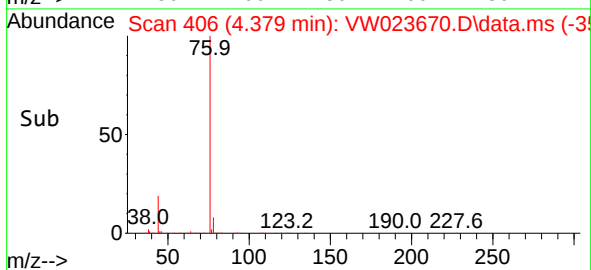
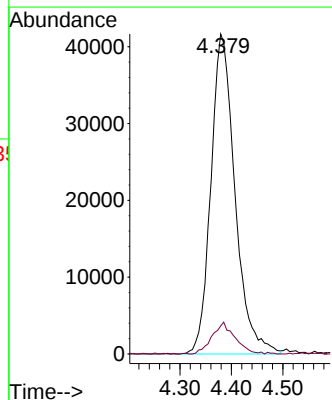
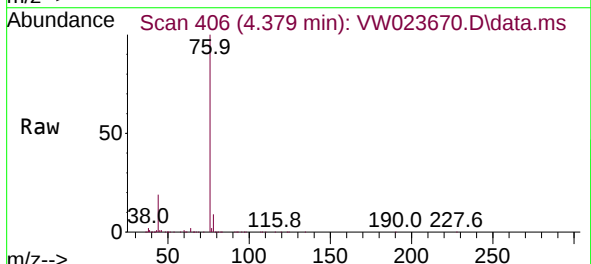
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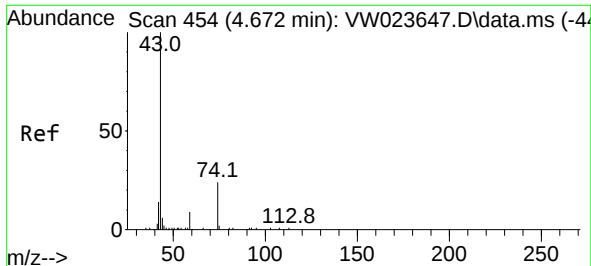
Tgt Ion: 43 Resp: 25685
Ion Ratio Lower Upper
43 100
58 28.8 0.0 64.2



#14
Carbon disulfide
Concen: 20.932 ug/L
RT: 4.379 min Scan# 406
Delta R.T. -0.006 min
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Tgt Ion: 76 Resp: 135629
Ion Ratio Lower Upper
76 100
78 8.8 7.2 10.8

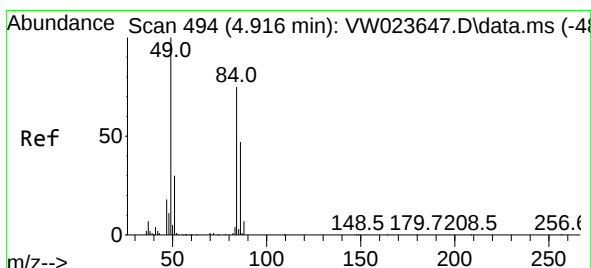
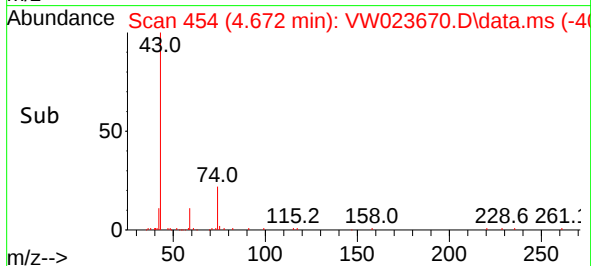
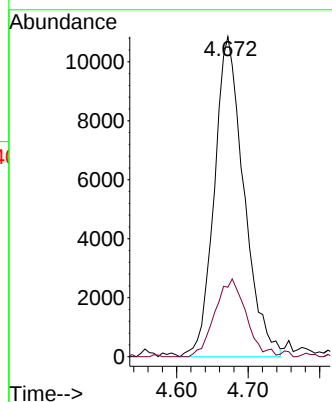
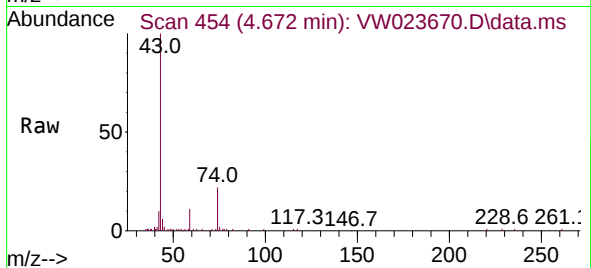




#15
Methyl Acetate
Concen: 23.919 ug/L
RT: 4.672 min Scan# 411
Delta R.T. -0.000 min
Lab File: VW023670.D
Acq: 14 Jul 2022 01:27

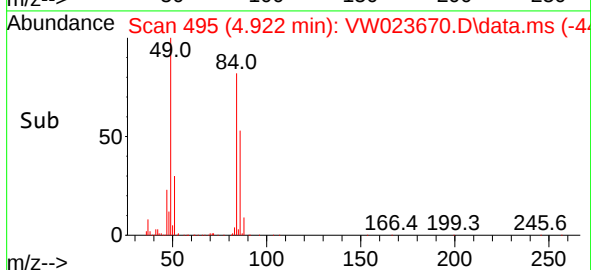
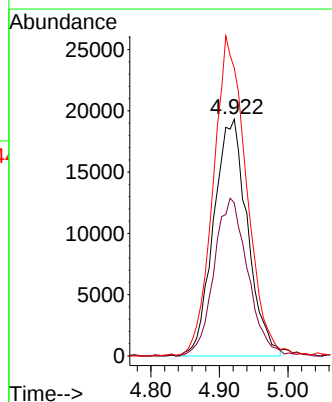
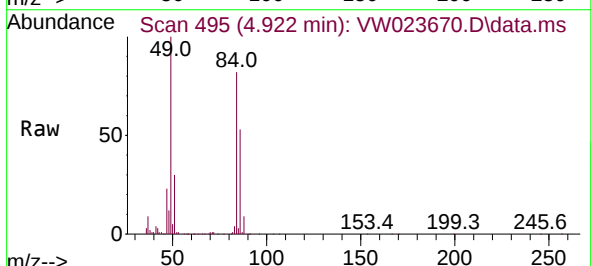
Instrument :
MSVOA_W
ClientSampleId :
VSTD025482

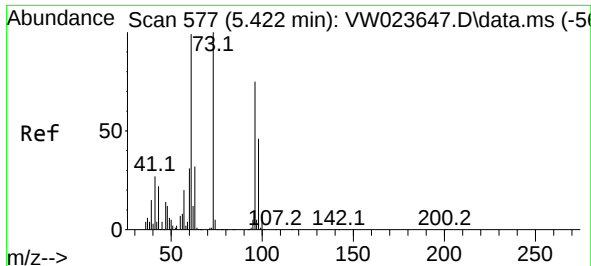
Tgt Ion: 43 Resp: 31157
Ion Ratio Lower Upper
43 100
74 24.8 20.0 30.0



#16
Methylene chloride
Concen: 20.406 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW023670.D
Acq: 14 Jul 2022 01:27

Tgt Ion: 84 Resp: 66303
Ion Ratio Lower Upper
84 100
86 64.7 42.8 79.6
49 121.5 85.4 158.6

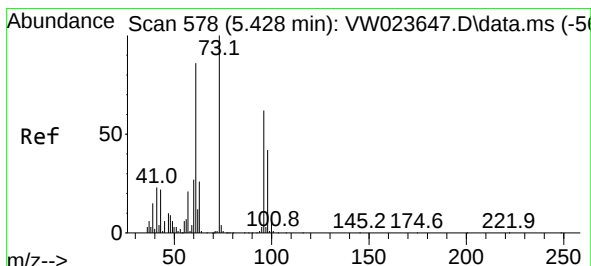
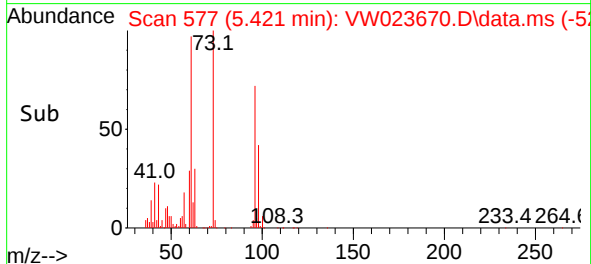
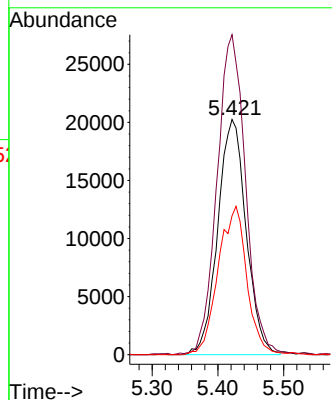
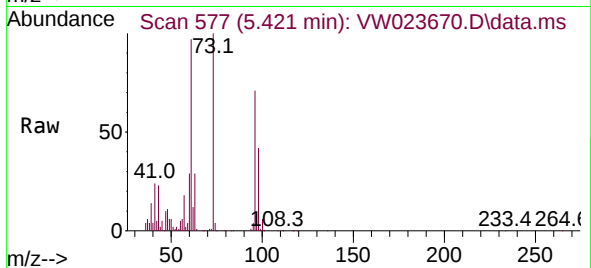




#17
trans-1,2-Dichloroethene
Concen: 22.763 ug/L
RT: 5.421 min Scan# 577
Delta R.T. -0.000 min
Lab File: VW023670.D
Acq: 14 Jul 2022 01:27

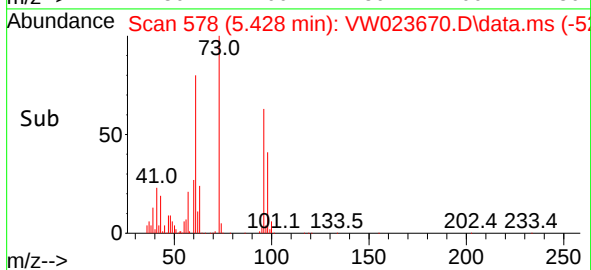
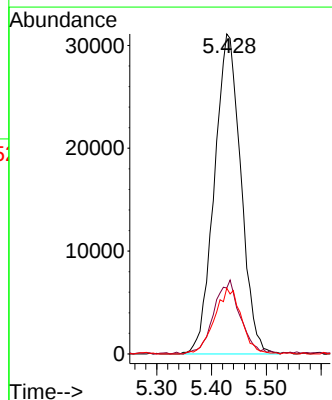
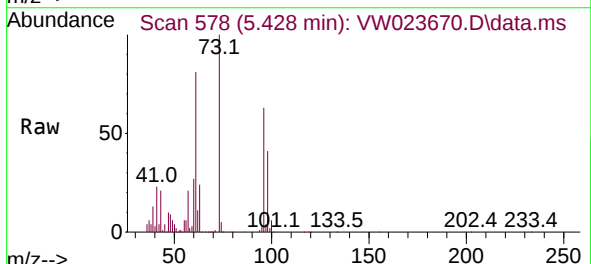
Instrument :
MSVOA_W
ClientSampleId :
VSTD025482

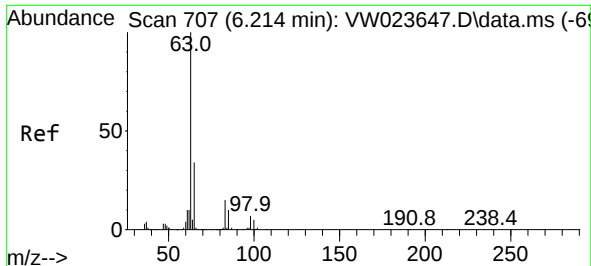
Tgt Ion: 96 Resp: 60835
Ion Ratio Lower Upper
96 100
61 136.1 90.8 168.6
98 59.1 42.8 79.6



#18
Methyl tert-butyl Ether
Concen: 25.234 ug/L
RT: 5.428 min Scan# 578
Delta R.T. -0.000 min
Lab File: VW023670.D
Acq: 14 Jul 2022 01:27

Tgt Ion: 73 Resp: 104332
Ion Ratio Lower Upper
73 100
43 22.9 17.6 26.4
57 20.7 16.8 25.2





#19

1,1-Dichloroethane

Concen: 24.250 ug/L

RT: 6.214 min Scan# 707

Delta R.T. -0.000 min

Lab File: VW023670.D

Acq: 14 Jul 2022 01:27

Instrument :

MSVOA_W

ClientSampleId :

VSTD025482

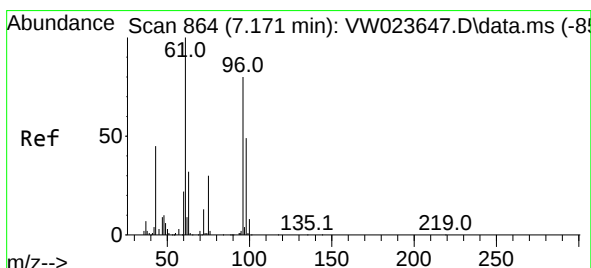
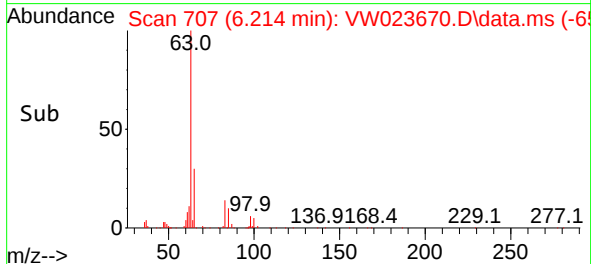
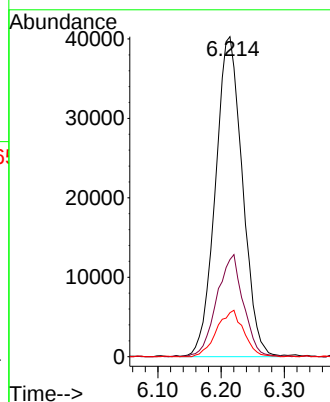
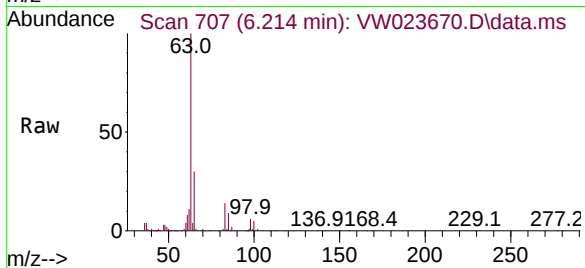
Tgt Ion: 63 Resp: 119547

Ion Ratio Lower Upper

63 100

65 30.4 22.7 42.1

83 13.8 9.7 18.1



#20

cis-1,2-Dichloroethene

Concen: 24.127 ug/L

RT: 7.171 min Scan# 864

Delta R.T. -0.000 min

Lab File: VW023670.D

Acq: 14 Jul 2022 01:27

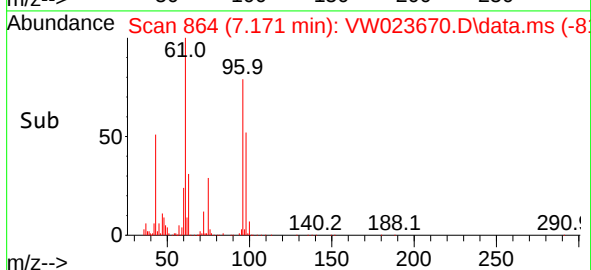
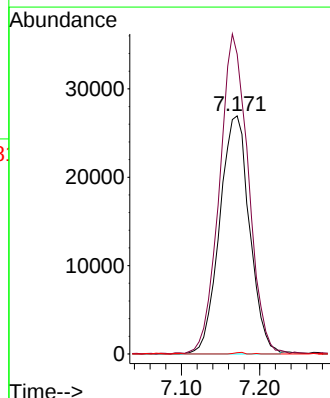
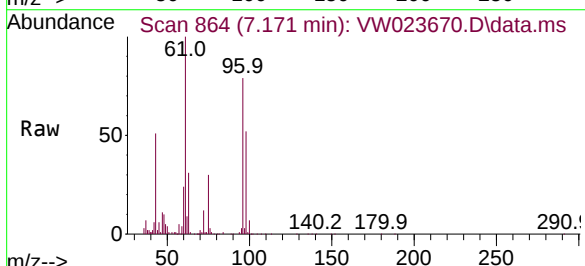
Tgt Ion: 96 Resp: 71433

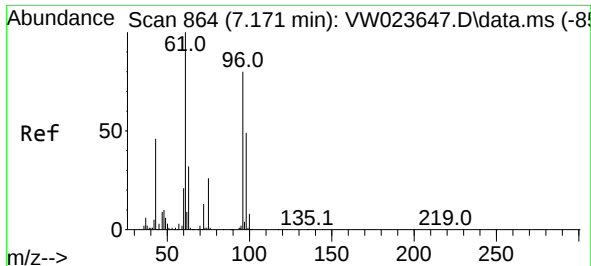
Ion Ratio Lower Upper

96 100

61 125.9 90.6 168.2

68 0.6 0.2 0.4

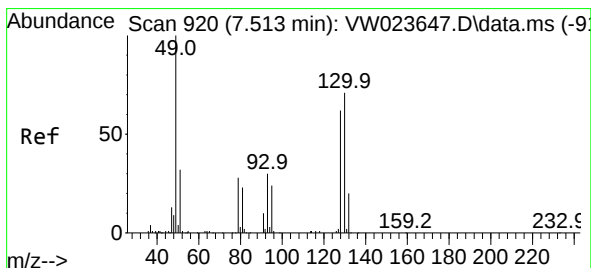
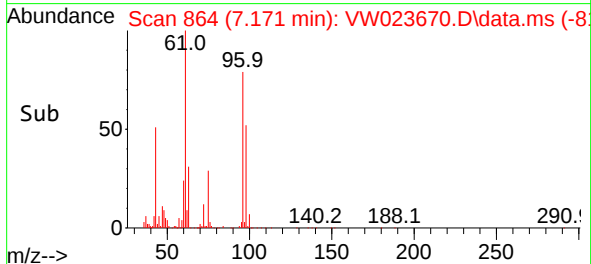
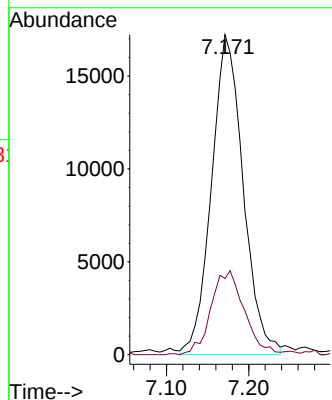
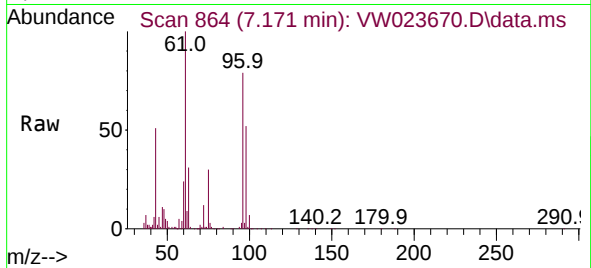




#22
2-Butanone
Concen: 48.273 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW023670.D
Acq: 14 Jul 2022 01:27

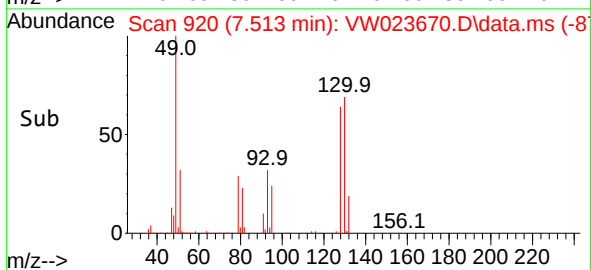
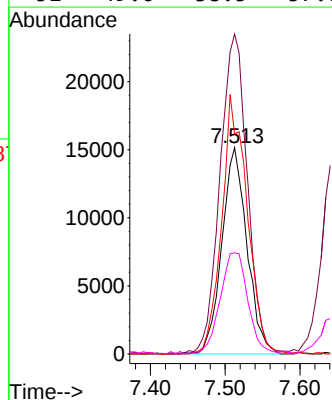
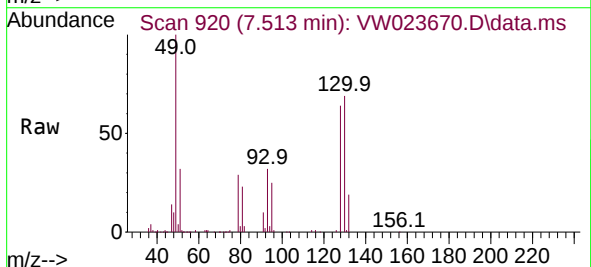
Instrument :
MSVOA_W
ClientSampleId :
VSTD025482

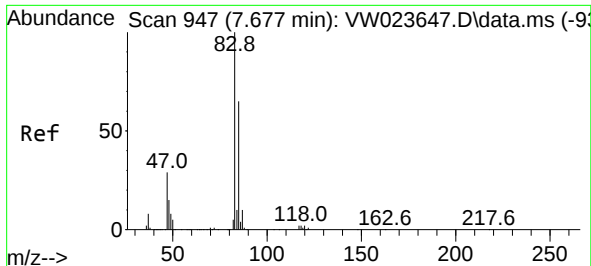
Tgt Ion: 43 Resp: 46172
Ion Ratio Lower Upper
43 100
72 26.9 14.7 44.1



#23
Bromochloromethane
Concen: 24.931 ug/L
RT: 7.513 min Scan# 920
Delta R.T. -0.000 min
Lab File: VW023670.D
Acq: 14 Jul 2022 01:27

Tgt Ion: 128 Resp: 35460
Ion Ratio Lower Upper
128 100
49 155.2 106.0 196.8
130 106.7 83.2 154.4
51 49.0 38.5 57.7

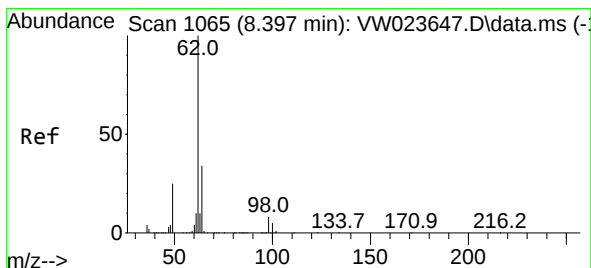
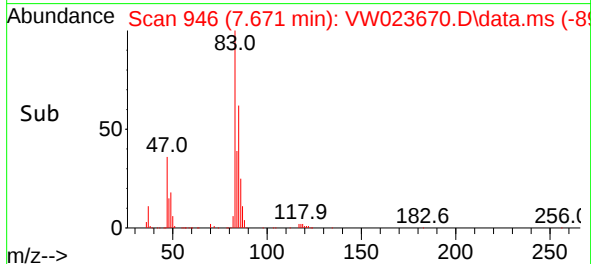
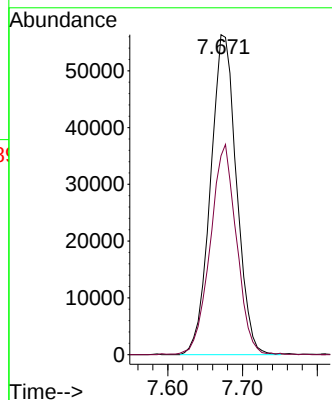
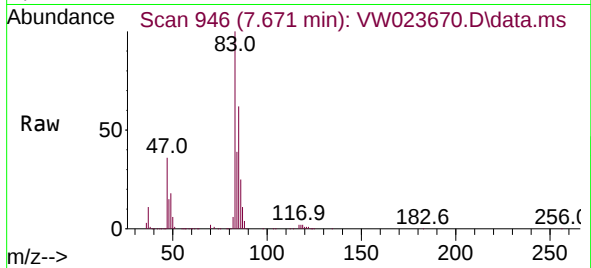




#25
Chloroform
Concen: 24.015 ug/L
RT: 7.671 min Scan# 947
Delta R.T. -0.006 min
Lab File: VW023670.D
Acq: 14 Jul 2022 01:27

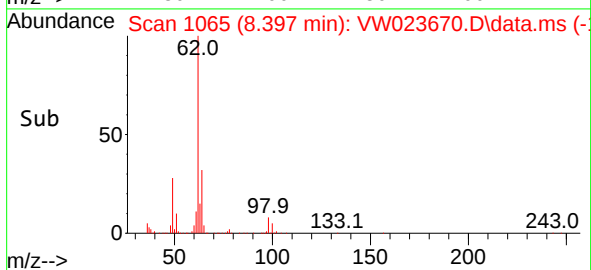
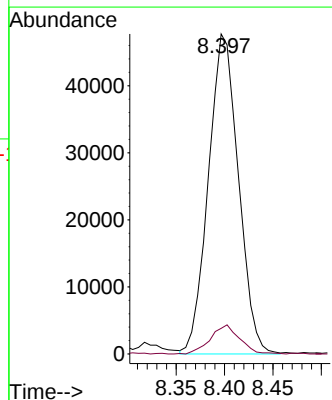
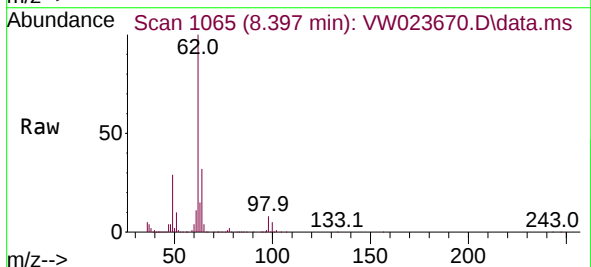
Instrument :
MSVOA_W
ClientSampleId :
VSTD025482

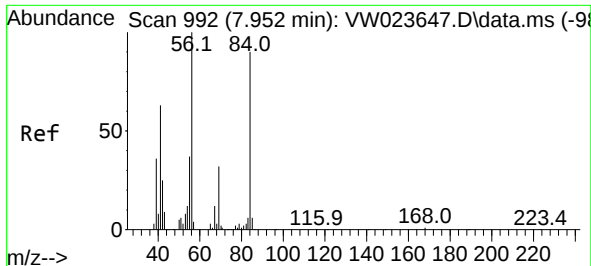
Tgt Ion: 83 Resp: 136390
Ion Ratio Lower Upper
83 100
85 62.1 41.9 77.9



#27
1,2-Dichloroethane
Concen: 24.664 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VW023670.D
Acq: 14 Jul 2022 01:27

Tgt Ion: 62 Resp: 103090
Ion Ratio Lower Upper
62 100
98 8.0 7.2 10.8

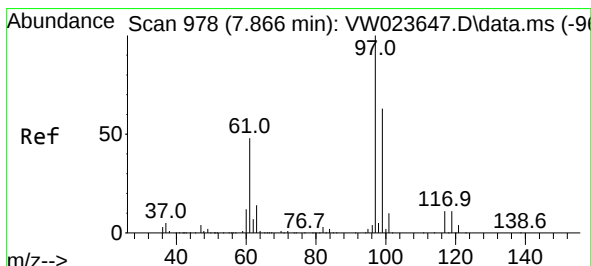
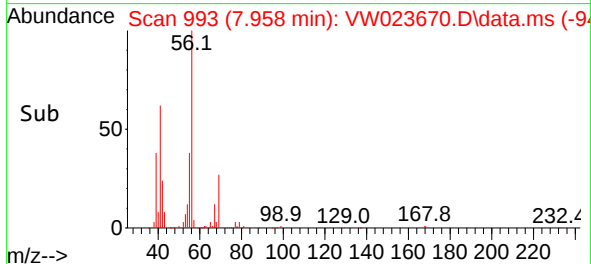
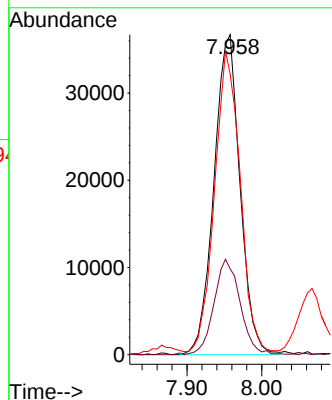
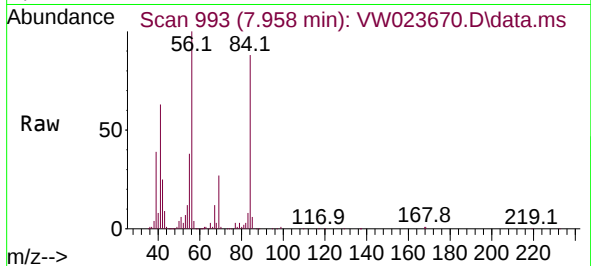




#29
Cyclohexane
Concen: 22.187 ug/L
RT: 7.958 min Scan# 992
Delta R.T. 0.006 min
Lab File: VW023670.D
Acq: 14 Jul 2022 01:27

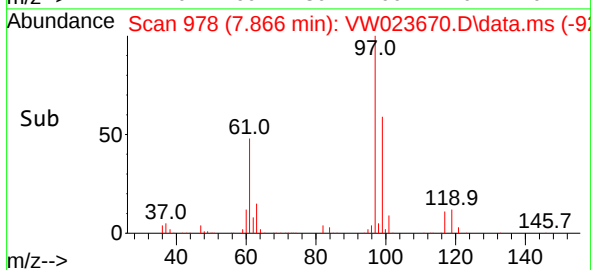
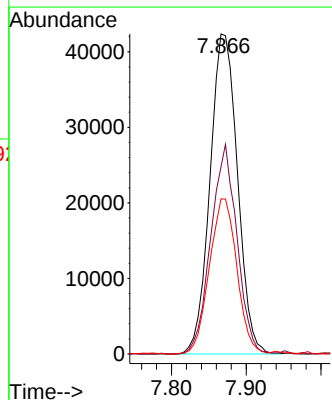
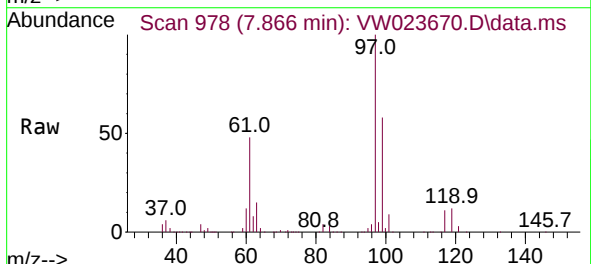
Instrument :
MSVOA_W
ClientSampleId :
VSTD025482

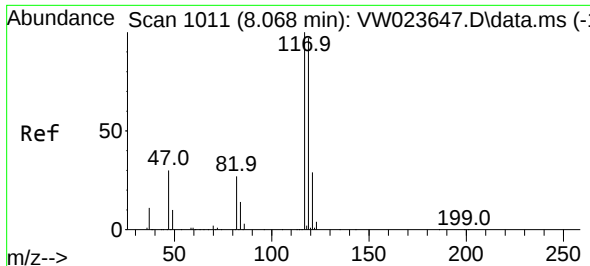
Tgt Ion: 56 Resp: 88971
Ion Ratio Lower Upper
56 100
69 29.6 25.4 38.0
84 94.3 75.0 112.4



#30
1,1,1-Trichloroethane
Concen: 22.801 ug/L
RT: 7.866 min Scan# 978
Delta R.T. -0.000 min
Lab File: VW023670.D
Acq: 14 Jul 2022 01:27

Tgt Ion: 97 Resp: 108245
Ion Ratio Lower Upper
97 100
99 62.2 51.0 76.6
61 48.5 37.5 56.3

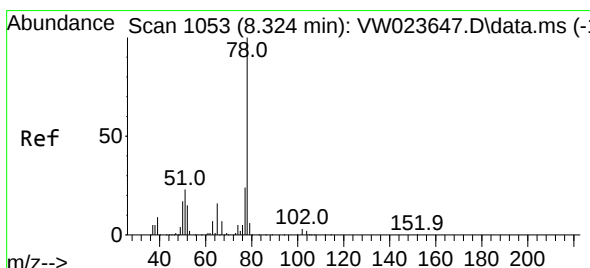
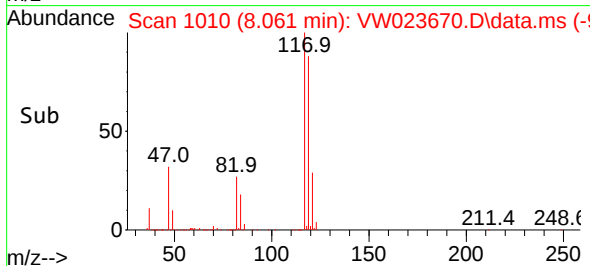
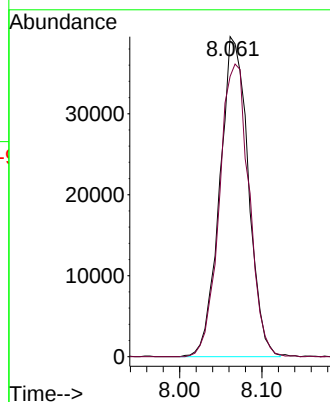
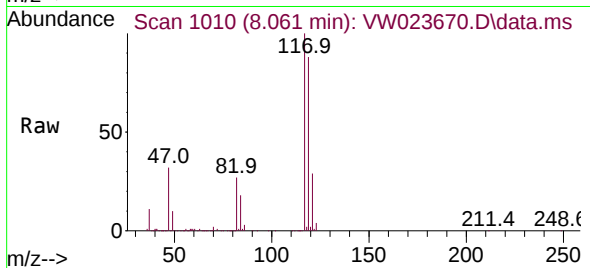




#31
Carbon tetrachloride
Concen: 22.220 ug/L
RT: 8.061 min Scan# 1011
Delta R.T. -0.006 min
Lab File: VW023670.D
Acq: 14 Jul 2022 01:27

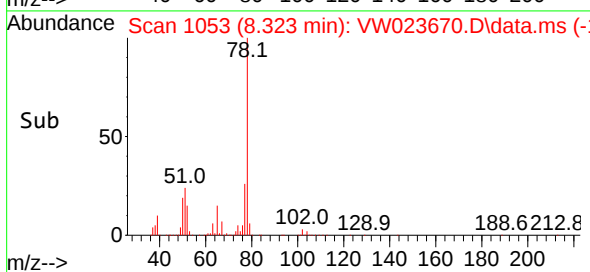
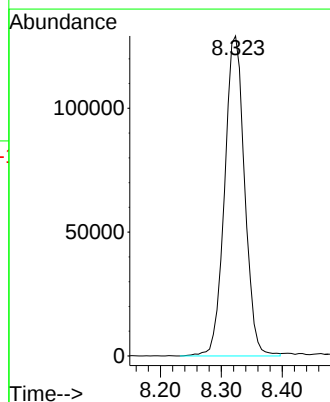
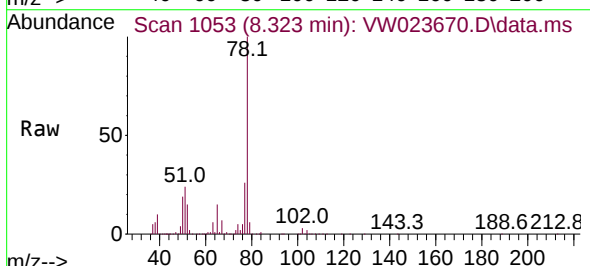
Instrument :
MSVOA_W
ClientSampleId :
VSTD025482

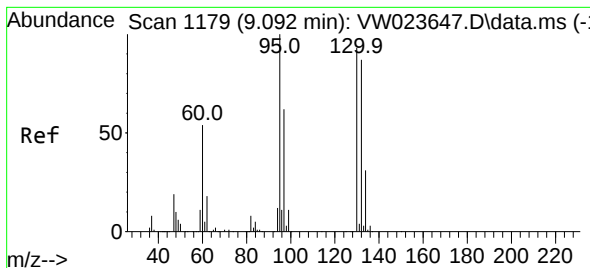
Tgt Ion:117 Resp: 95092
Ion Ratio Lower Upper
117 100
119 95.0 75.7 113.5



#33
Benzene
Concen: 23.671 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW023670.D
Acq: 14 Jul 2022 01:27

Tgt Ion: 78 Resp: 294928





#34

Trichloroethene

Concen: 22.008 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VW023670.D

Acq: 14 Jul 2022 01:27

Instrument :

MSVOA_W

ClientSampleId :

VSTD025482

Tgt Ion: 95 Resp: 72410

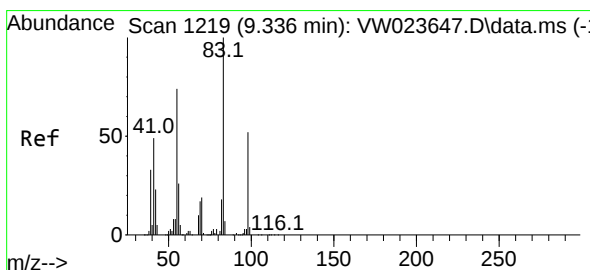
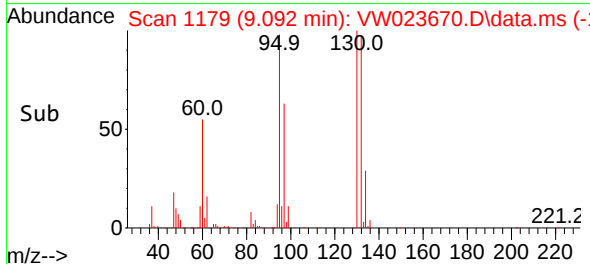
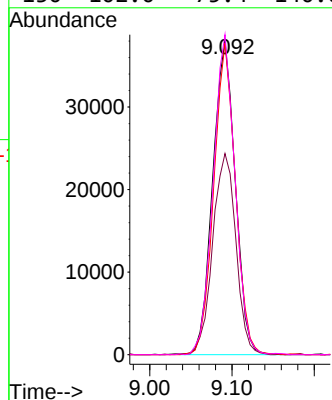
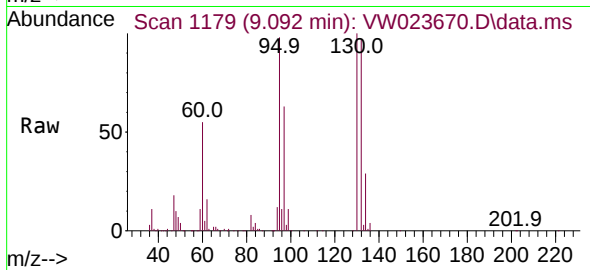
Ion Ratio Lower Upper

95 100

97 64.1 45.6 84.8

132 99.2 69.9 129.7

130 102.0 75.4 140.0



#35

Methylcyclohexane

Concen: 22.792 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VW023670.D

Acq: 14 Jul 2022 01:27

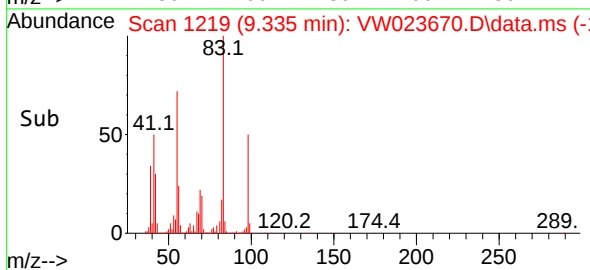
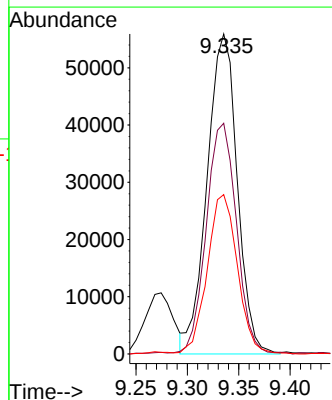
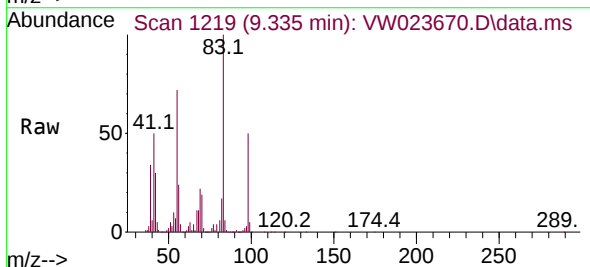
Tgt Ion: 83 Resp: 114192

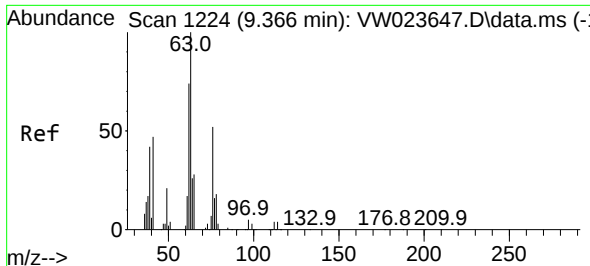
Ion Ratio Lower Upper

83 100

55 72.1 60.8 91.2

98 49.7 39.5 59.3





#37

1,2-Dichloropropane

Concen: 24.271 ug/L

RT: 9.366 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW023670.D

Acq: 14 Jul 2022 01:27

Instrument :

MSVOA_W

ClientSampleId :

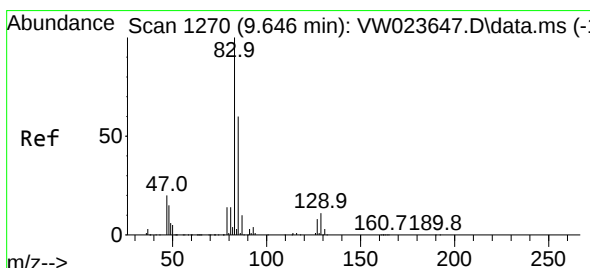
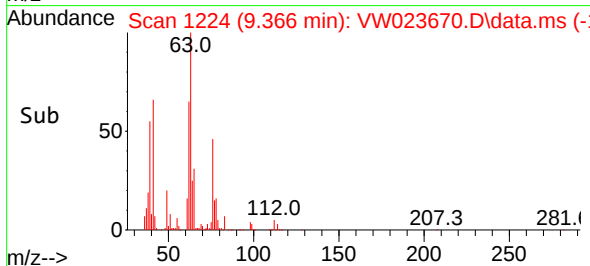
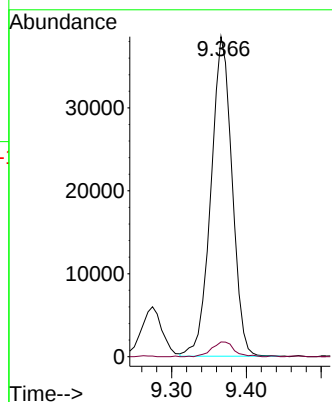
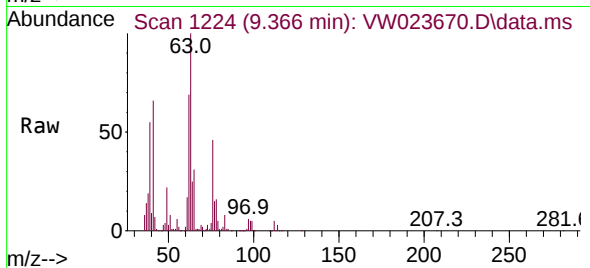
VSTD025482

Tgt Ion: 63 Resp: 75815

Ion Ratio Lower Upper

63 100

112 4.9 4.2 6.2



#38

Bromodichloromethane

Concen: 25.113 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. -0.000 min

Lab File: VW023670.D

Acq: 14 Jul 2022 01:27

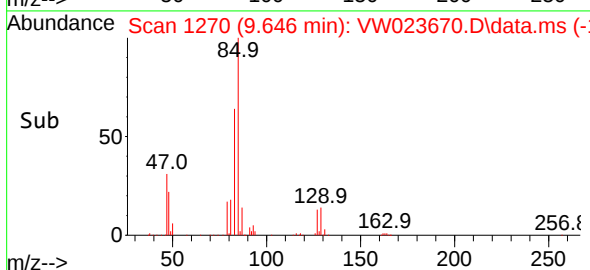
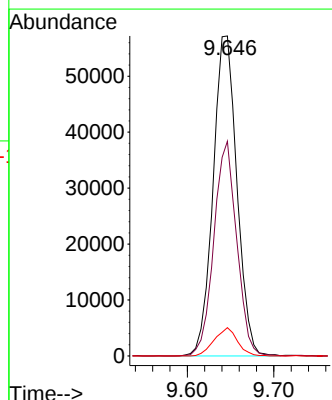
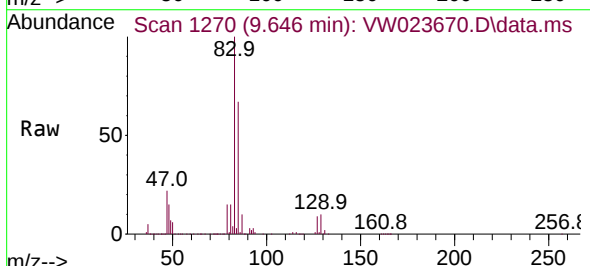
Tgt Ion: 83 Resp: 109484

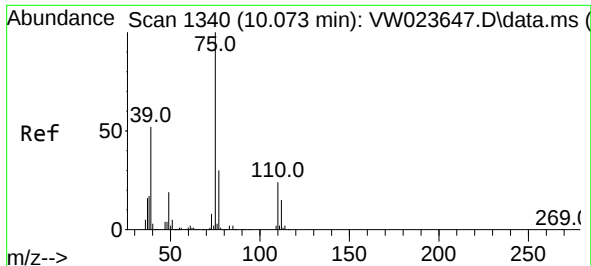
Ion Ratio Lower Upper

83 100

85 67.1 45.5 84.5

127 8.8 6.0 9.0

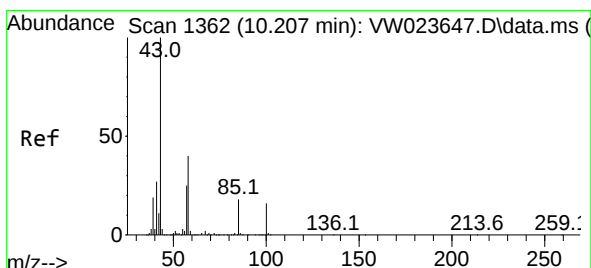
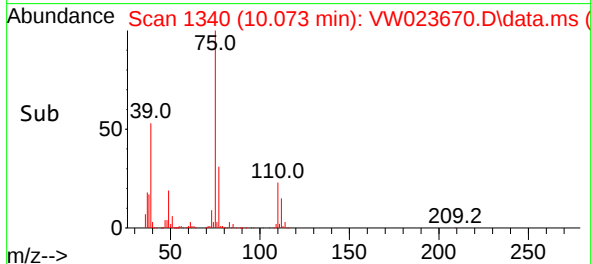
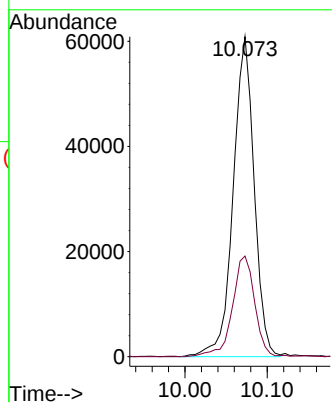
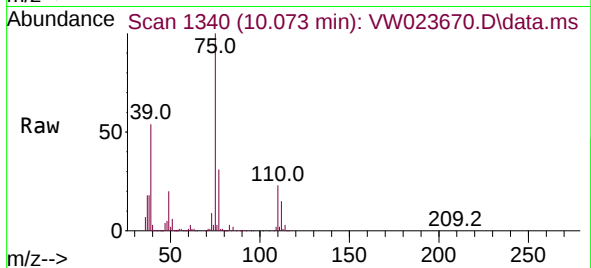




#39
 cis-1,3-Dichloropropene
 Concen: 22.948 ug/L
 RT: 10.073 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VW023670.D
 Acq: 14 Jul 2022 01:27

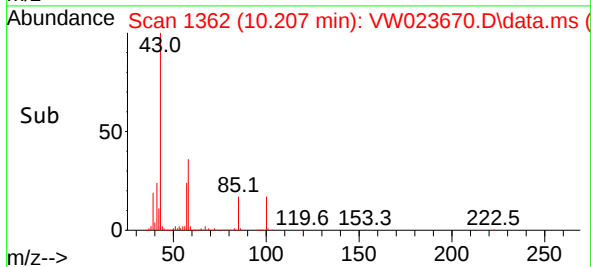
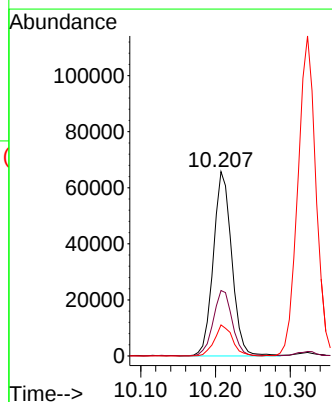
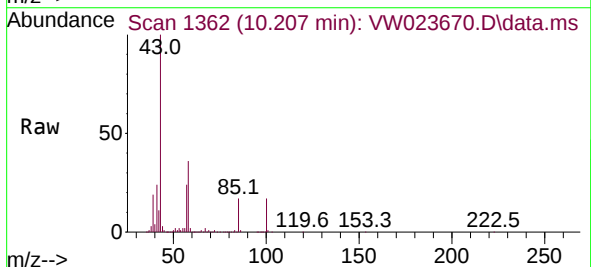
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025482

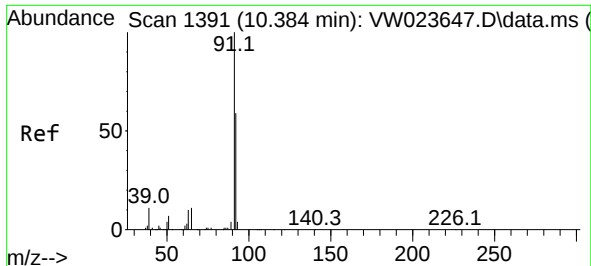
Tgt Ion: 75 Resp: 108043
 Ion Ratio Lower Upper
 75 100
 77 31.4 22.5 41.9



#40
 4-Methyl-2-pentanone
 Concen: 51.894 ug/L
 RT: 10.207 min Scan# 1362
 Delta R.T. -0.000 min
 Lab File: VW023670.D
 Acq: 14 Jul 2022 01:27

Tgt Ion: 43 Resp: 112801
 Ion Ratio Lower Upper
 43 100
 58 36.7 29.8 44.8
 100 16.5 13.0 19.4

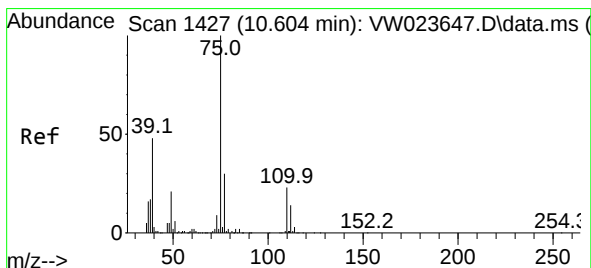
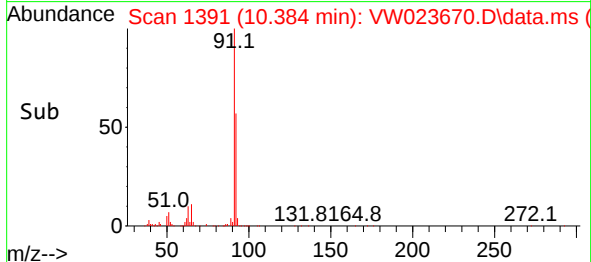
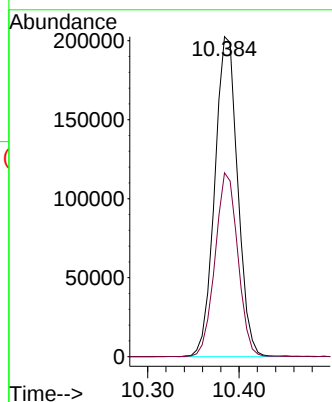
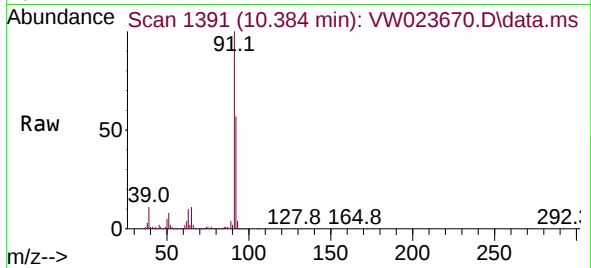




#42
Toluene
Concen: 24.853 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.000 min
Lab File: VW023670.D
Acq: 14 Jul 2022 01:27

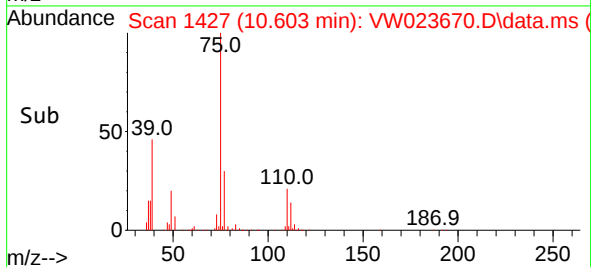
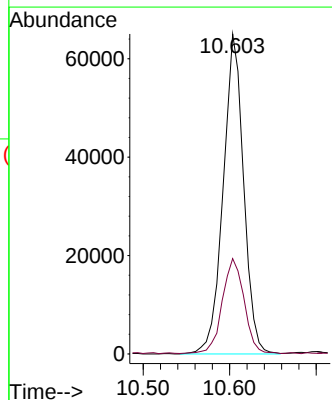
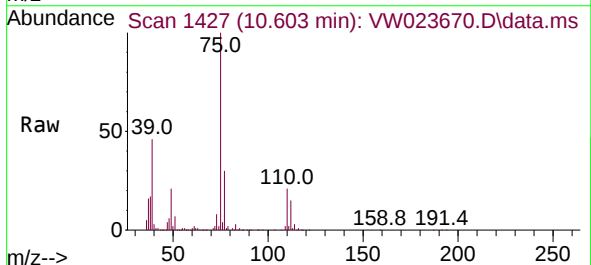
Instrument :
MSVOA_W
ClientSampleId :
VSTD025482

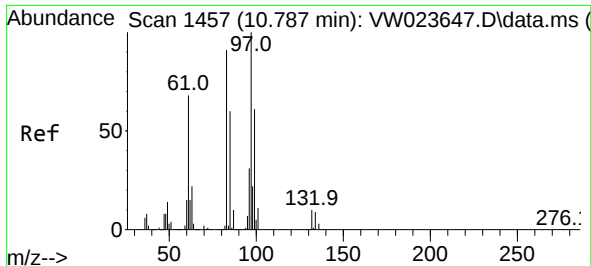
Tgt Ion: 91 Resp: 353146
Ion Ratio Lower Upper
91 100
92 57.5 39.9 74.1



#44
trans-1,3-Dichloropropene
Concen: 23.839 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW023670.D
Acq: 14 Jul 2022 01:27

Tgt Ion: 75 Resp: 106678
Ion Ratio Lower Upper
75 100
77 29.8 22.0 41.0





#45

1,1,2-Trichloroethane

Concen: 24.470 ug/L

RT: 10.786 min Scan# 1457

Delta R.T. -0.000 min

Lab File: VW023670.D

Acq: 14 Jul 2022 01:27

Instrument :

MSVOA_W

ClientSampleId :

VSTD025482

Tgt Ion: 97 Resp: 66836

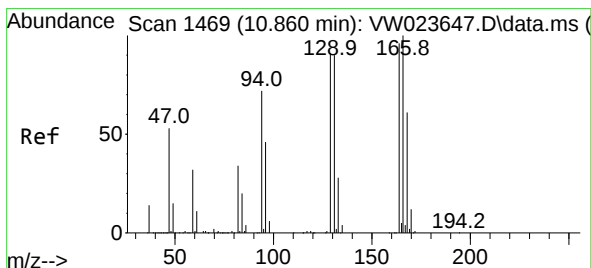
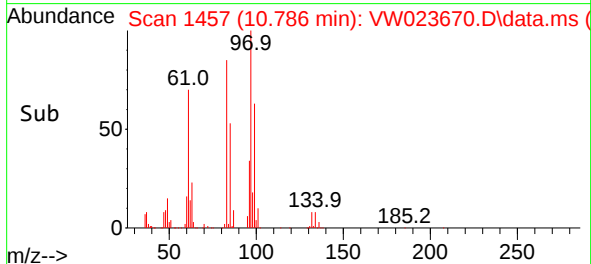
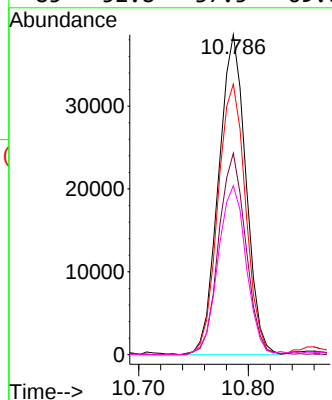
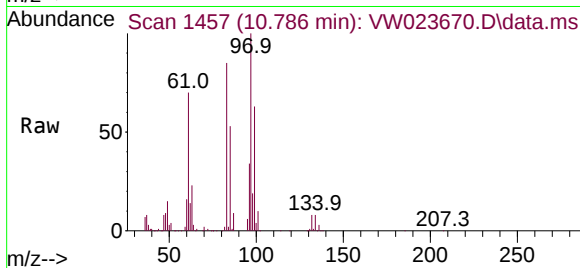
Ion Ratio Lower Upper

97 100

99 62.9 44.2 82.2

83 84.6 59.8 111.0

85 52.8 37.5 69.6



#46

Tetrachloroethene

Concen: 23.242 ug/L

RT: 10.860 min Scan# 1469

Delta R.T. -0.000 min

Lab File: VW023670.D

Acq: 14 Jul 2022 01:27

Tgt Ion:164 Resp: 59130

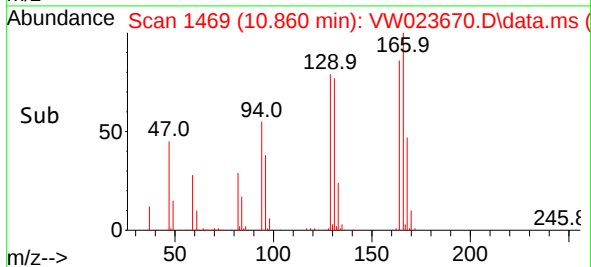
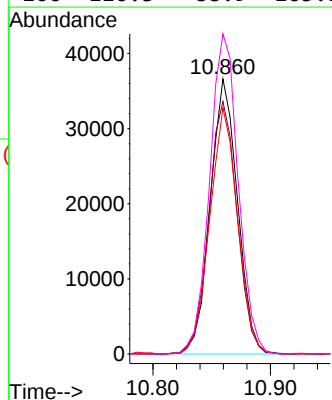
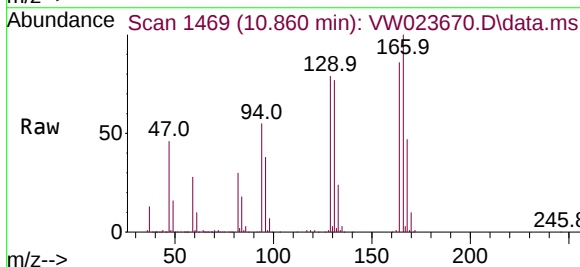
Ion Ratio Lower Upper

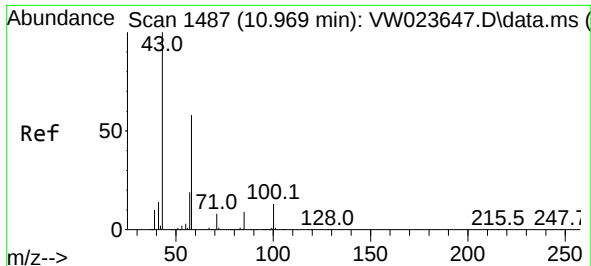
164 100

129 91.8 72.4 134.5

131 89.4 67.8 125.8

166 116.3 88.9 165.1

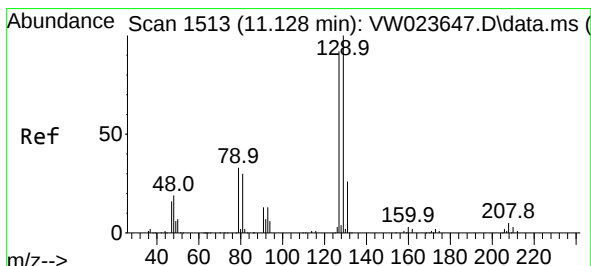
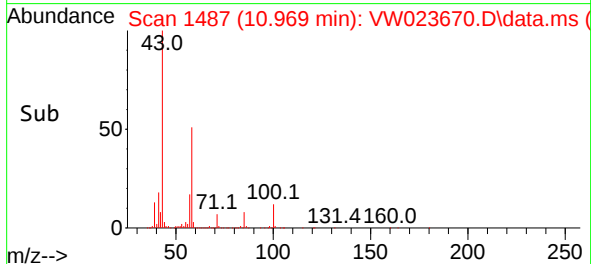
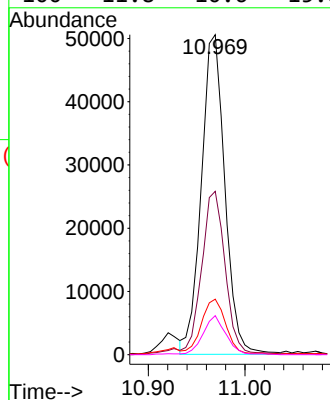
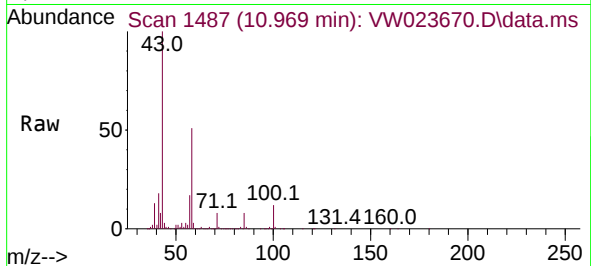




#48
2-Hexanone
Concen: 54.201 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW023670.D
Acq: 14 Jul 2022 01:27

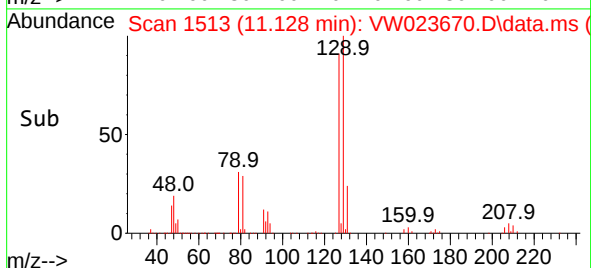
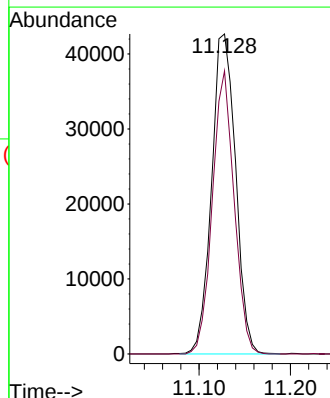
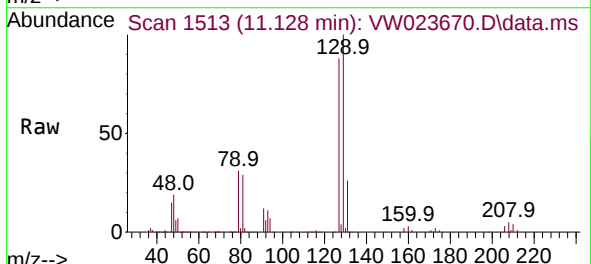
Instrument :
MSVOA_W
ClientSampleId :
VSTD025482

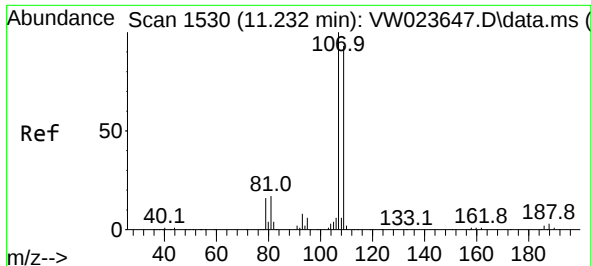
Tgt Ion:	43	Resp:	85778
Ion	Ratio	Lower	Upper
43	100		
58	50.6	41.6	62.4
57	18.1	14.6	21.8
100	11.8	10.6	15.8



#49
Dibromochloromethane
Concen: 24.582 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW023670.D
Acq: 14 Jul 2022 01:27

Tgt Ion:	129	Resp:	77863
Ion	Ratio	Lower	Upper
129	100		
127	88.5	53.7	99.7

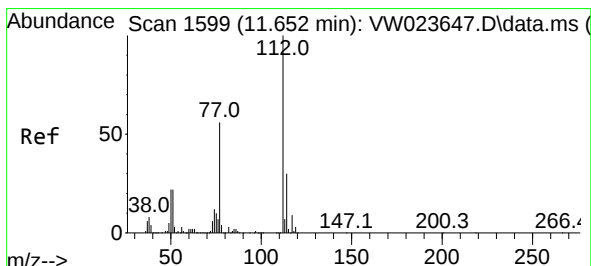
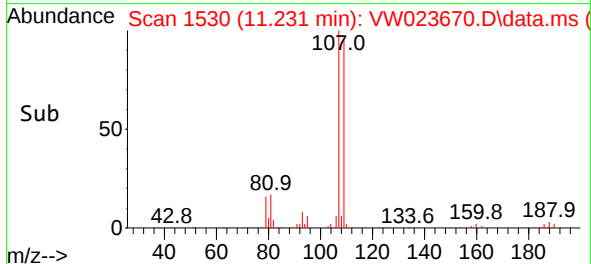
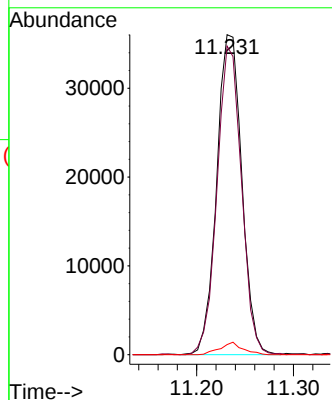
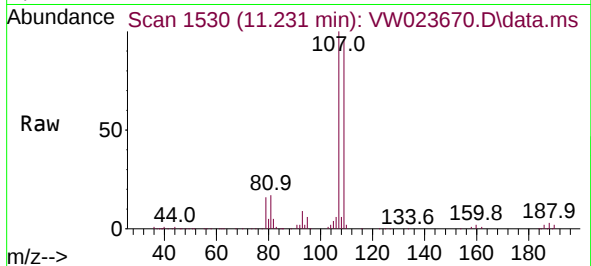




#50
1,2-Dibromoethane
Concen: 24.794 ug/L
RT: 11.231 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW023670.D
Acq: 14 Jul 2022 01:27

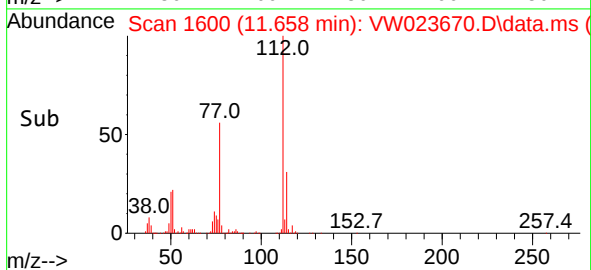
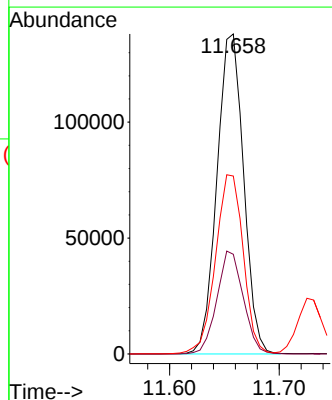
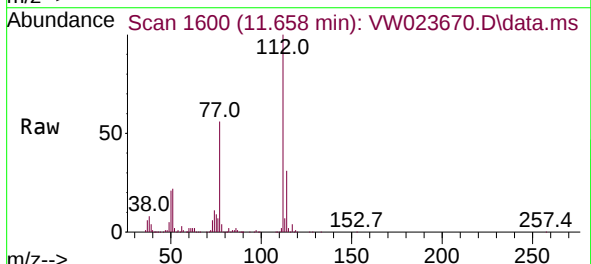
Instrument :
MSVOA_W
ClientSampleId :
VSTD025482

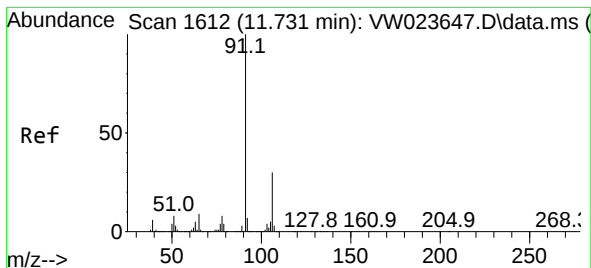
Tgt Ion:107 Resp: 65060
Ion Ratio Lower Upper
107 100
109 96.4 62.4 116.0
188 3.2 2.3 3.5



#51
Chlorobenzene
Concen: 24.383 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.006 min
Lab File: VW023670.D
Acq: 14 Jul 2022 01:27

Tgt Ion:112 Resp: 233668
Ion Ratio Lower Upper
112 100
114 31.2 21.1 39.3
77 55.6 46.6 69.8

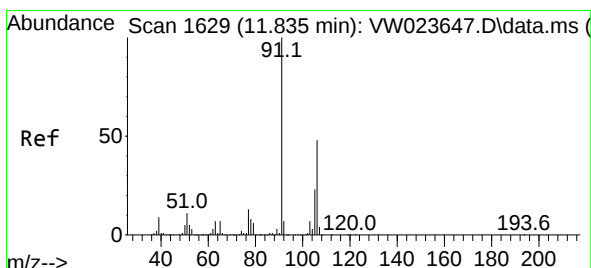
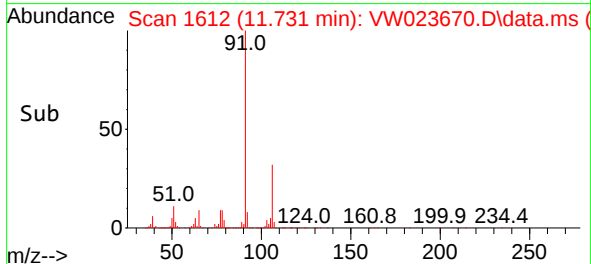
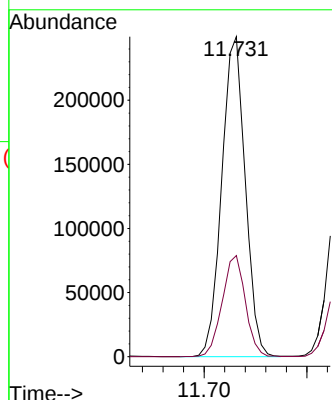
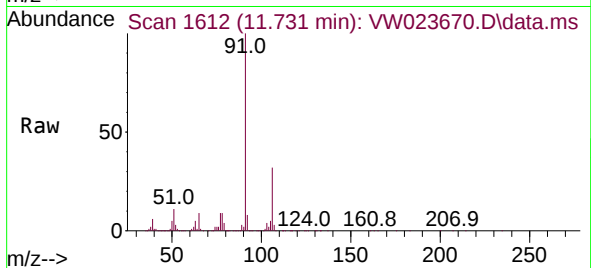




#52
Ethylbenzene
Concen: 24.488 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW023670.D
Acq: 14 Jul 2022 01:27

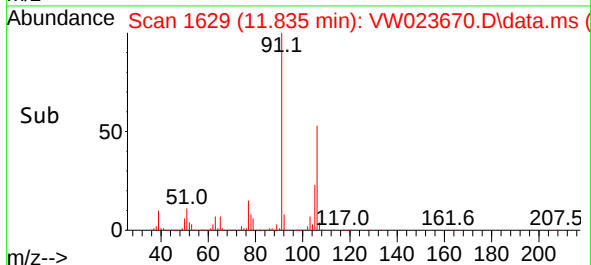
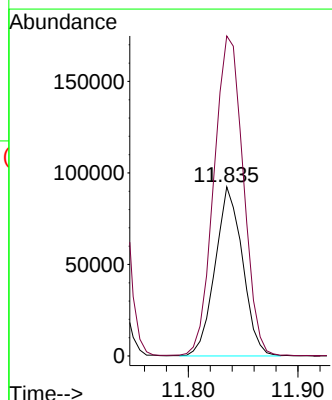
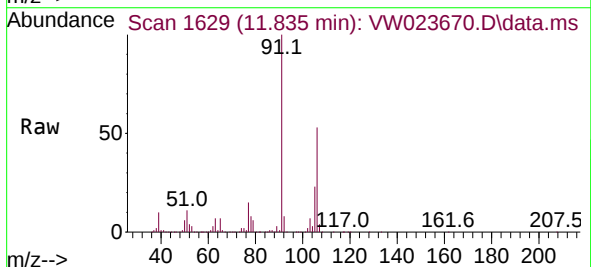
Instrument :
MSVOA_W
ClientSampleId :
VSTD025482

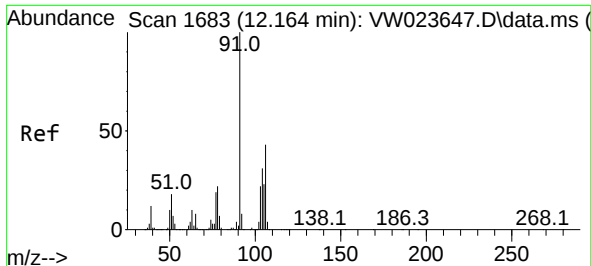
Tgt Ion: 91 Resp: 395410
Ion Ratio Lower Upper
91 100
106 31.6 22.5 41.9



#53
m,p-Xylene
Concen: 25.500 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VW023670.D
Acq: 14 Jul 2022 01:27

Tgt Ion: 106 Resp: 160649
Ion Ratio Lower Upper
106 100
91 189.1 142.8 265.2

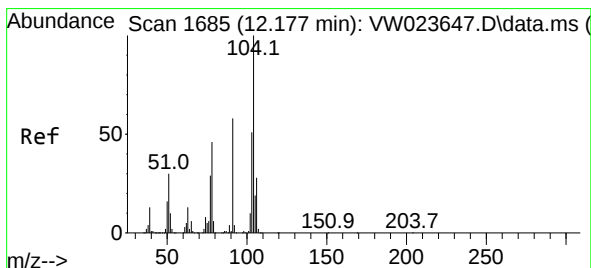
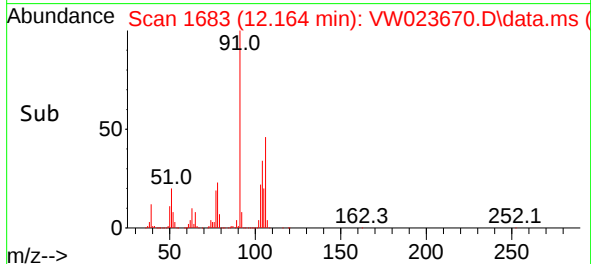
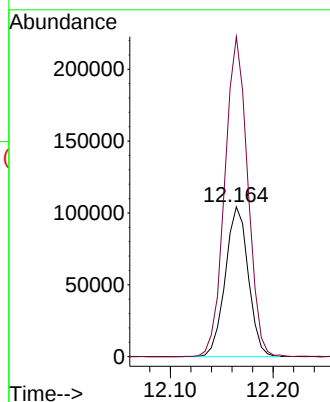
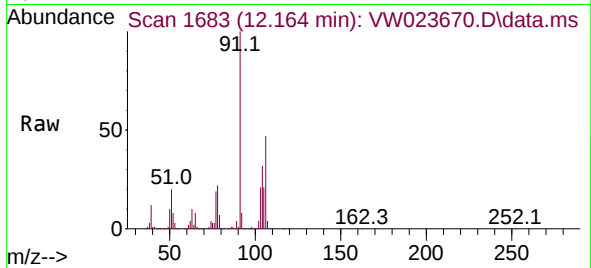




#54
o-Xylene
Concen: 26.801 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW023670.D
Acq: 14 Jul 2022 01:27

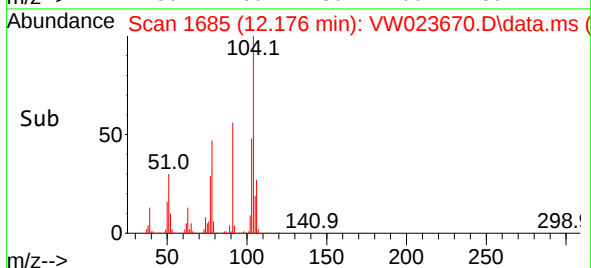
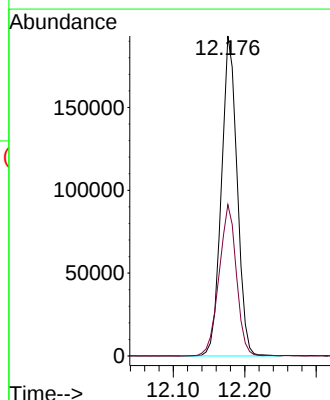
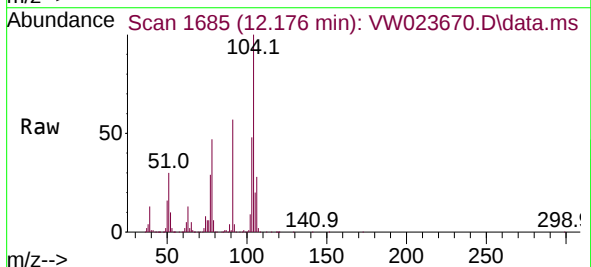
Instrument :
MSVOA_W
ClientSampleId :
VSTD025482

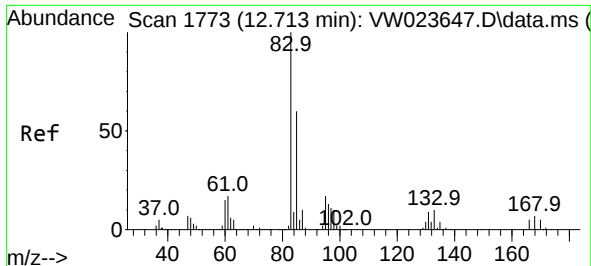
Tgt Ion:106 Resp: 162152
Ion Ratio Lower Upper
106 100
91 213.6 149.6 277.8



#55
Styrene
Concen: 27.703 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW023670.D
Acq: 14 Jul 2022 01:27

Tgt Ion:104 Resp: 296110
Ion Ratio Lower Upper
104 100
78 47.3 34.3 63.7





#57

1,1,2-Tetrachloroethane

Concen: 26.482 ug/L

RT: 12.713 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW023670.D

Acq: 14 Jul 2022 01:27

Instrument :

MSVOA_W

ClientSampleId :

VSTD025482

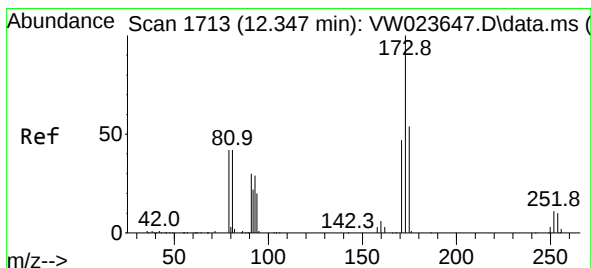
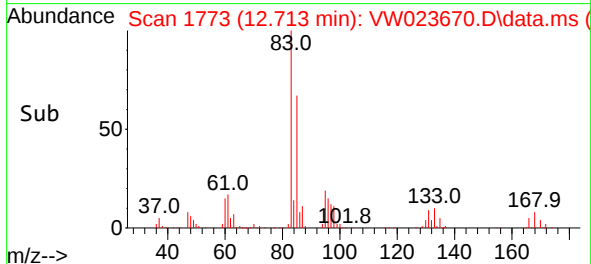
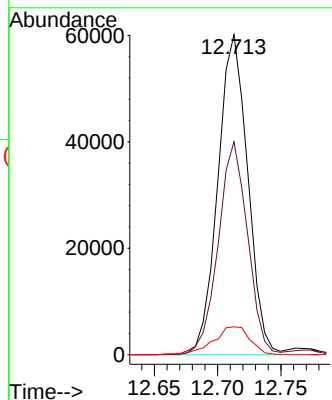
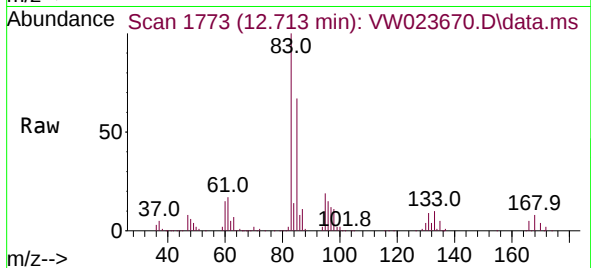
Tgt Ion: 83 Resp: 98662

Ion Ratio Lower Upper

83 100

85 66.6 46.5 86.3

131 8.7 7.4 11.0



#59

Bromoform

Concen: 23.505 ug/L

RT: 12.341 min Scan# 1712

Delta R.T. -0.006 min

Lab File: VW023670.D

Acq: 14 Jul 2022 01:27

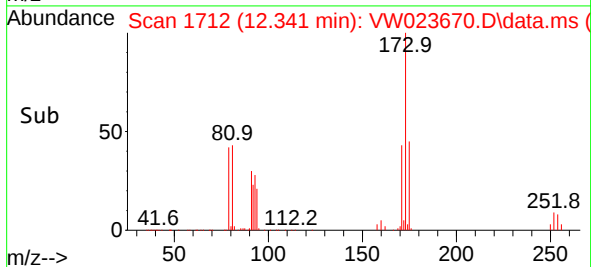
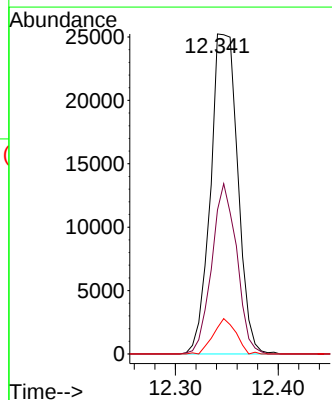
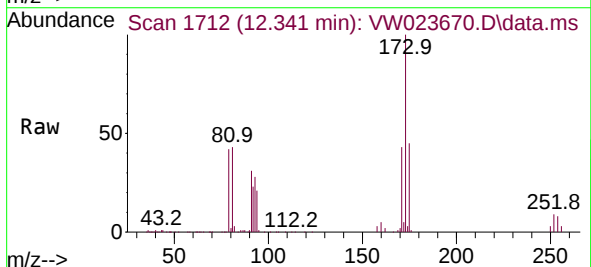
Tgt Ion: 173 Resp: 46505

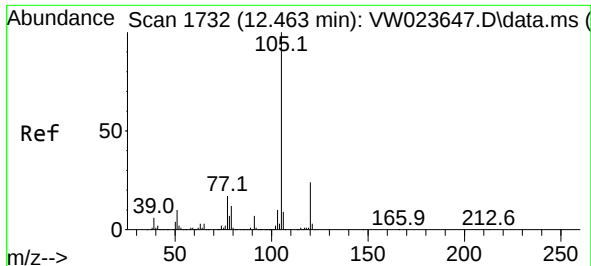
Ion Ratio Lower Upper

173 100

175 48.6 38.9 58.3

254 9.0 5.9 8.9#

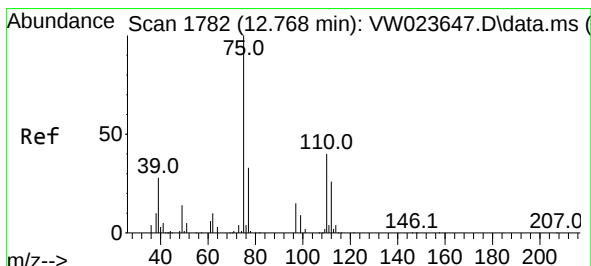
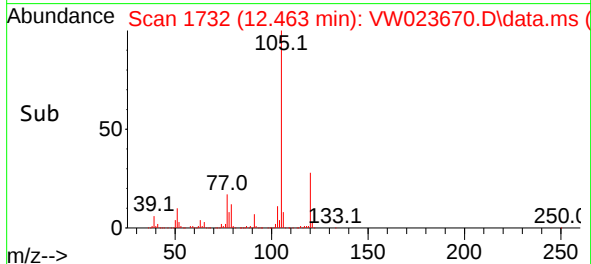
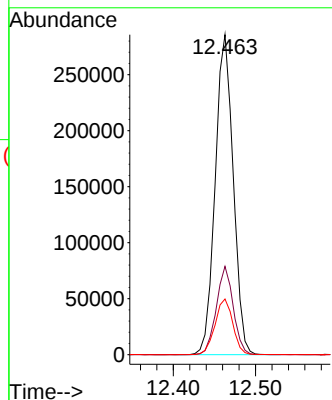
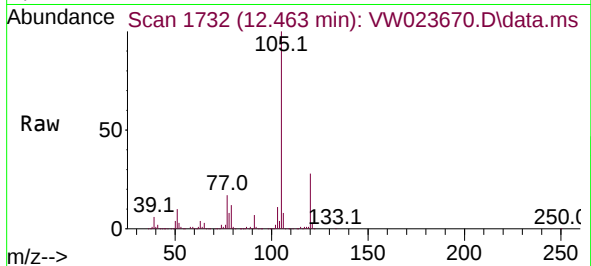




#60
Isopropylbenzene
Concen: 24.118 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW023670.D
Acq: 14 Jul 2022 01:27

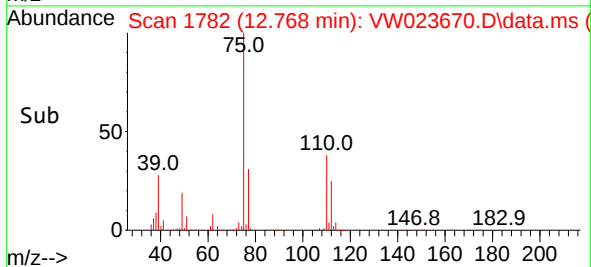
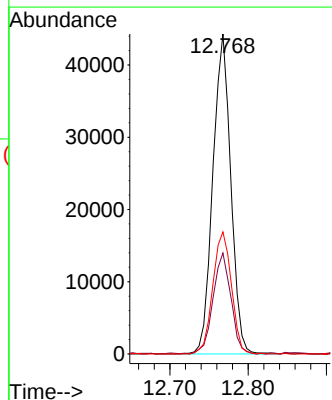
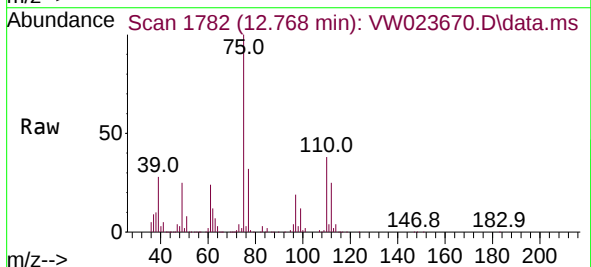
Instrument :
MSVOA_W
ClientSampleId :
VSTD025482

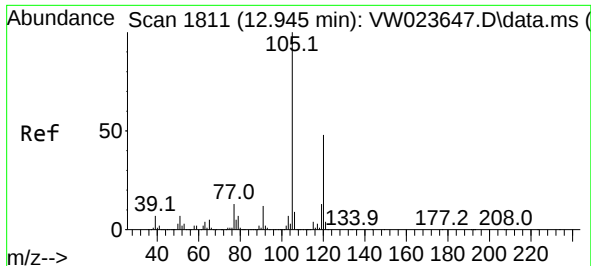
Tgt Ion:105 Resp: 434691
Ion Ratio Lower Upper
105 100
120 26.0 20.7 31.1
77 17.2 13.2 19.8



#61
1,2,3-Trichloropropane
Concen: 23.952 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW023670.D
Acq: 14 Jul 2022 01:27

Tgt Ion: 75 Resp: 70469
Ion Ratio Lower Upper
75 100
77 31.4 25.0 37.4
110 39.5 31.9 47.9

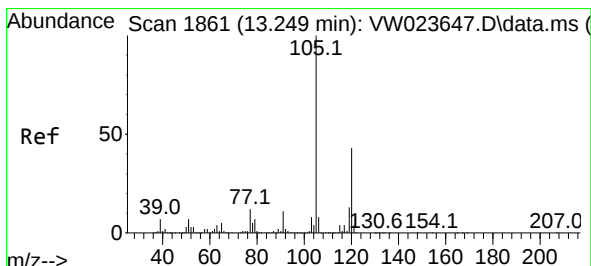
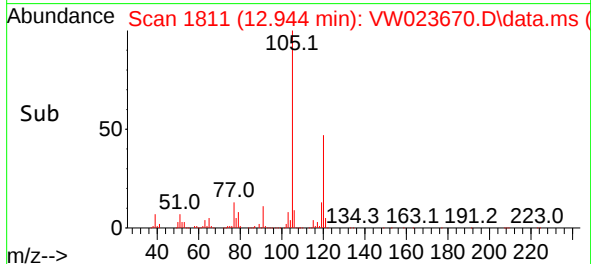
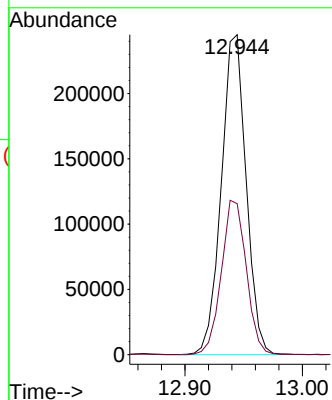
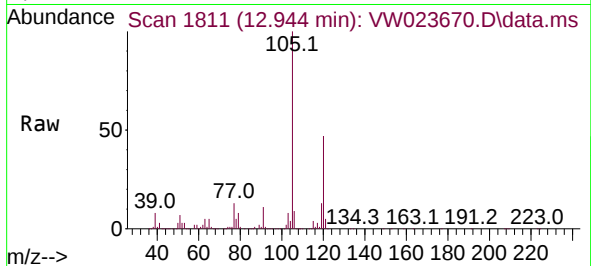




#62
1,3,5-Trimethylbenzene
Concen: 24.427 ug/L
RT: 12.944 min Scan# 1811
Delta R.T. -0.000 min
Lab File: VW023670.D
Acq: 14 Jul 2022 01:27

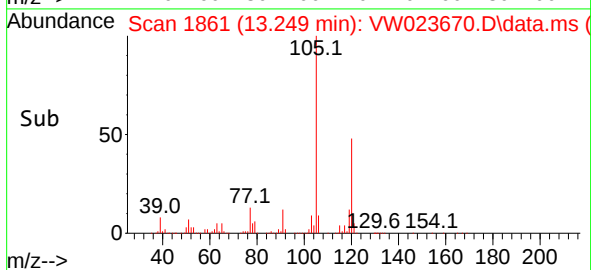
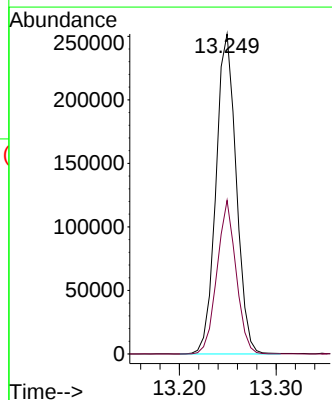
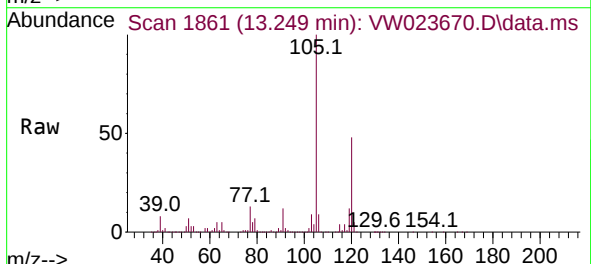
Instrument :
MSVOA_W
ClientSampleId :
VSTD025482

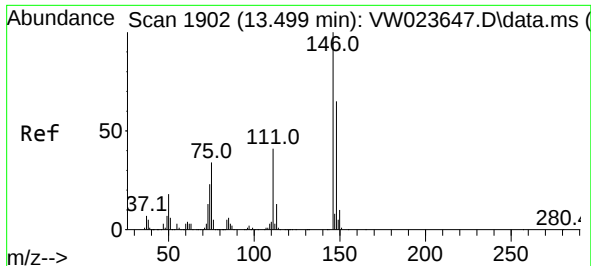
Tgt Ion:105 Resp: 360450
Ion Ratio Lower Upper
105 100
120 48.5 38.7 58.1



#63
1,2,4-Trimethylbenzene
Concen: 24.829 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW023670.D
Acq: 14 Jul 2022 01:27

Tgt Ion:105 Resp: 366301
Ion Ratio Lower Upper
105 100
120 45.1 35.5 53.3





#64

1,3-Dichlorobenzene

Concen: 23.173 ug/L

RT: 13.499 min Scan# 1902

Delta R.T. -0.000 min

Lab File: VW023670.D

Acq: 14 Jul 2022 01:27

Instrument :

MSVOA_W

ClientSampleId :

VSTD025482

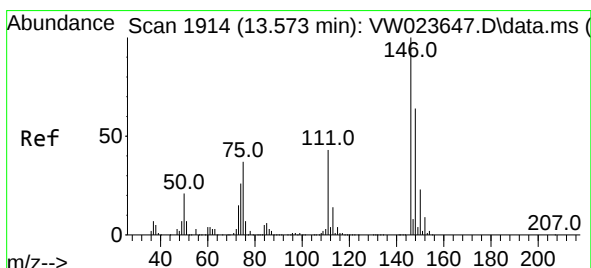
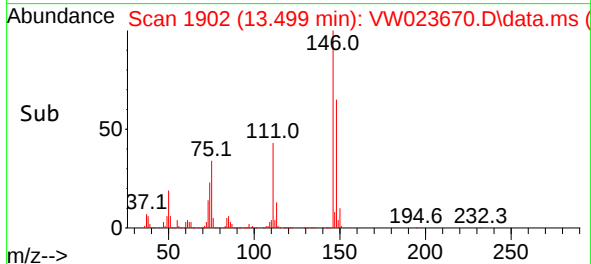
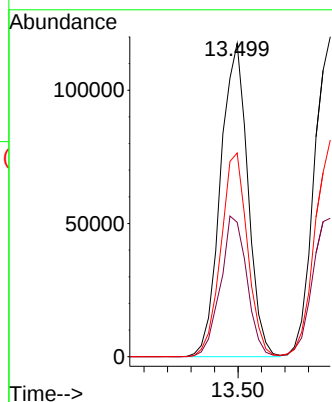
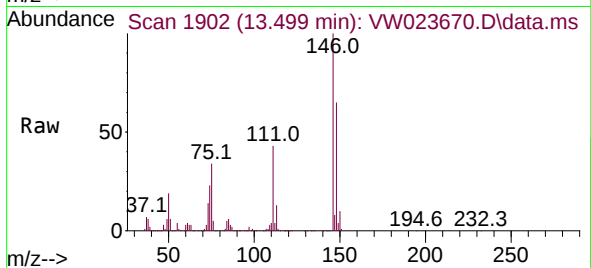
Tgt Ion:146 Resp: 189632

Ion Ratio Lower Upper

146 100

111 42.9 28.6 53.2

148 65.0 41.2 76.4



#65

1,4-Dichlorobenzene

Concen: 22.146 ug/L

RT: 13.579 min Scan# 1915

Delta R.T. 0.006 min

Lab File: VW023670.D

Acq: 14 Jul 2022 01:27

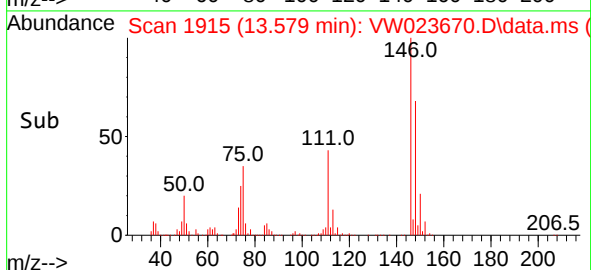
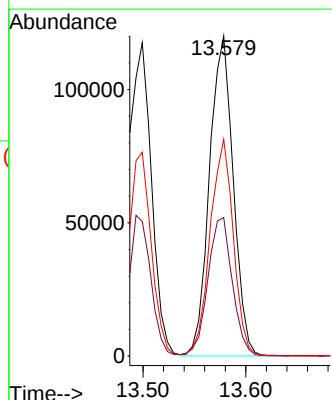
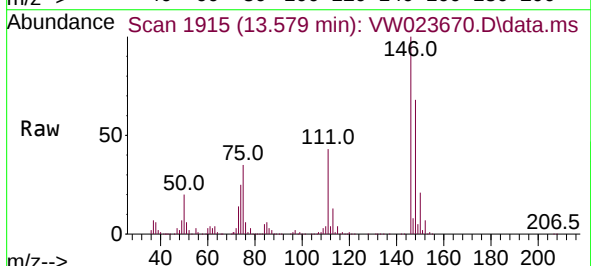
Tgt Ion:146 Resp: 192807

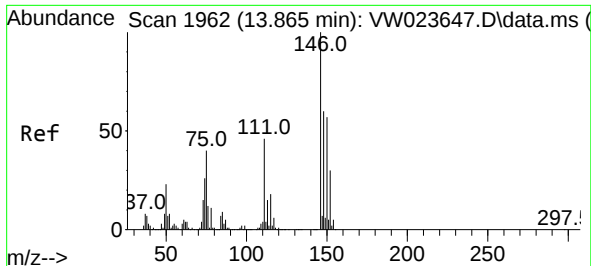
Ion Ratio Lower Upper

146 100

111 43.3 29.4 54.6

148 67.7 44.4 82.5





#67

1,2-Dichlorobenzene

Concen: 24.132 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VW023670.D

Acq: 14 Jul 2022 01:27

Instrument :

MSVOA_W

ClientSampleId :

VSTD025482

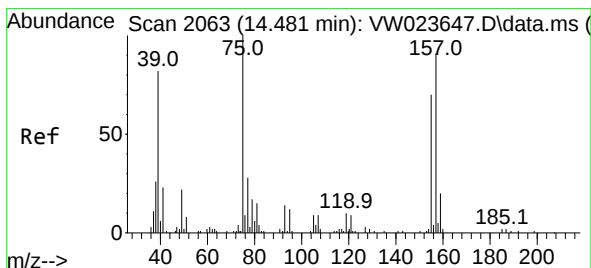
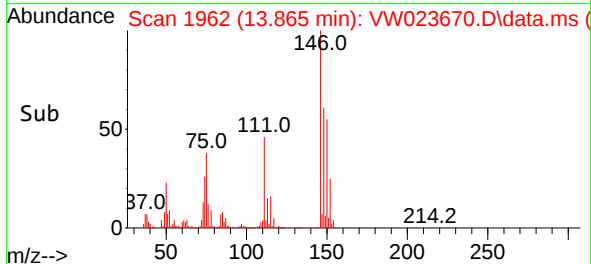
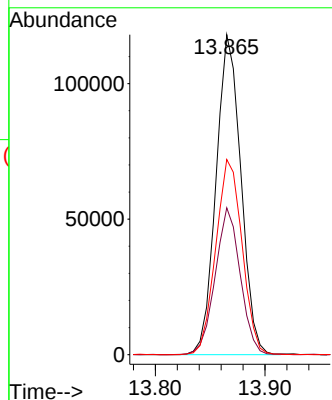
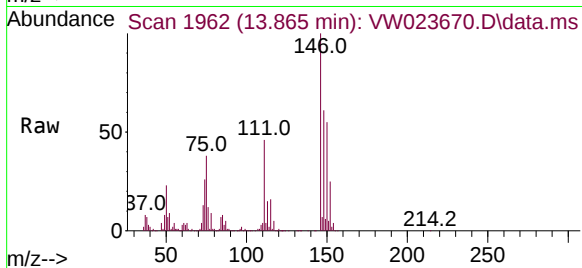
Tgt Ion:146 Resp: 186244

Ion Ratio Lower Upper

146 100

111 45.9 35.9 53.9

148 61.0 51.3 76.9



#68

1,2-Dibromo-3-chloropropane

Concen: 24.600 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW023670.D

Acq: 14 Jul 2022 01:27

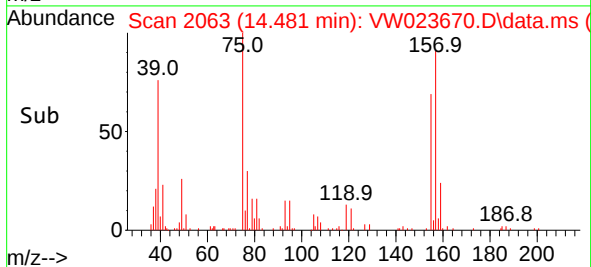
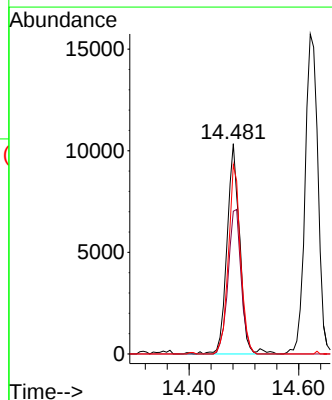
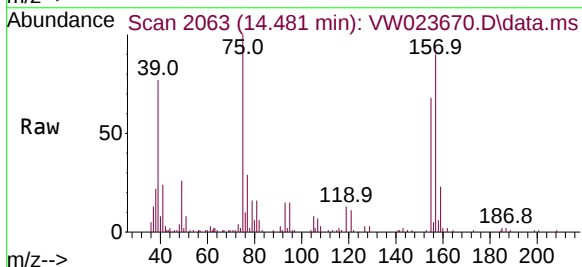
Tgt Ion: 75 Resp: 16693

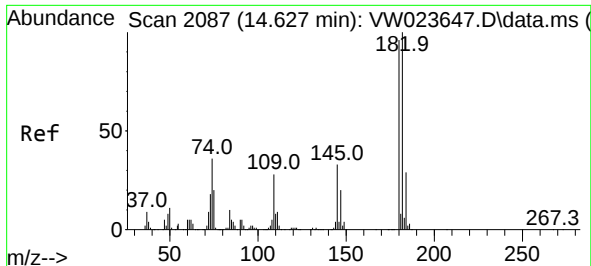
Ion Ratio Lower Upper

75 100

155 67.9 51.7 77.5

157 90.1 63.5 95.3

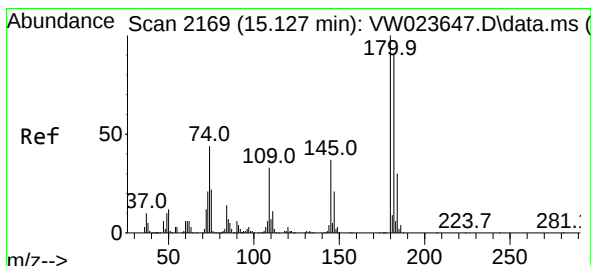
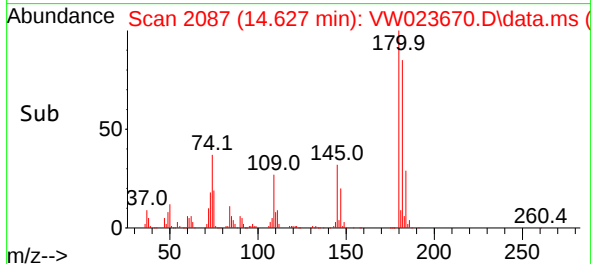
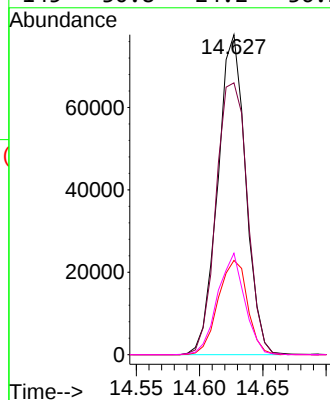
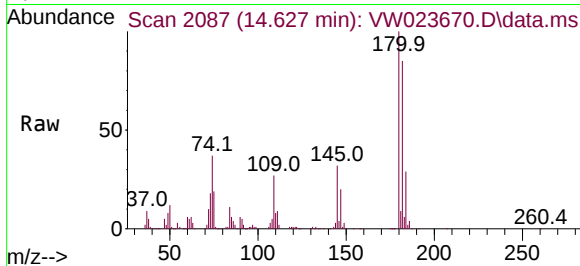




#69
1,3,5-Trichlorobenzene
Concen: 22.051 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. -0.000 min
Lab File: VW023670.D
Acq: 14 Jul 2022 01:27

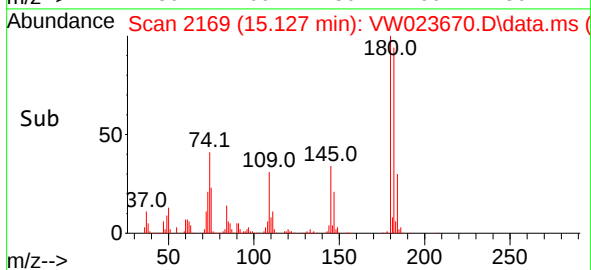
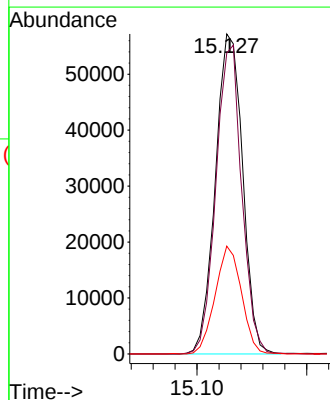
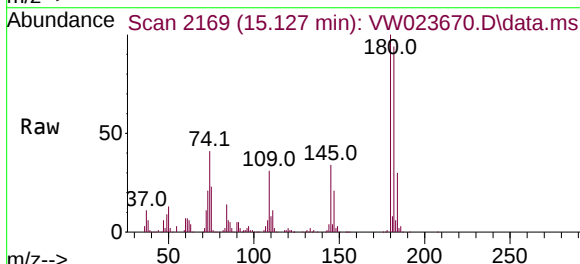
Instrument :
MSVOA_W
ClientSampleId :
VSTD025482

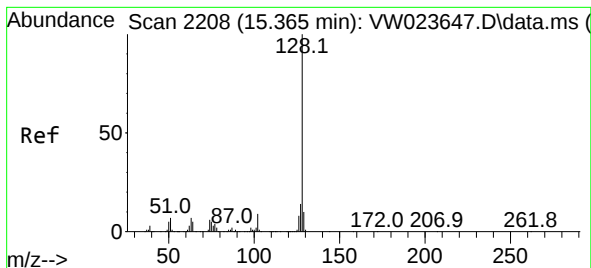
Tgt Ion:180	Resp:	119441
Ion Ratio	Lower	Upper
180	100	
182	94.7	70.2 105.2
184	30.9	22.6 34.0
145	30.8	24.2 36.2



#70
1,2,4-trichlorobenzene
Concen: 23.633 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. -0.000 min
Lab File: VW023670.D
Acq: 14 Jul 2022 01:27

Tgt Ion:180	Resp:	98845
Ion Ratio	Lower	Upper
180	100	
182	91.3	77.5 116.3
145	32.5	26.3 39.5





#71

Naphthalene

Concen: 25.073 ug/L

RT: 15.359 min Scan# 2207

Delta R.T. -0.006 min

Lab File: VW023670.D

Acq: 14 Jul 2022 01:27

Instrument :

MSVOA_W

ClientSampleId :

VSTD025482

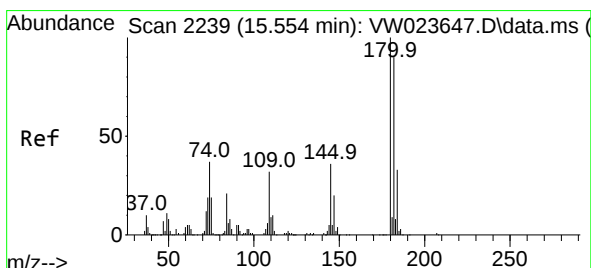
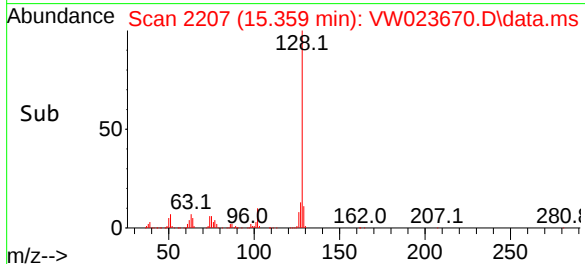
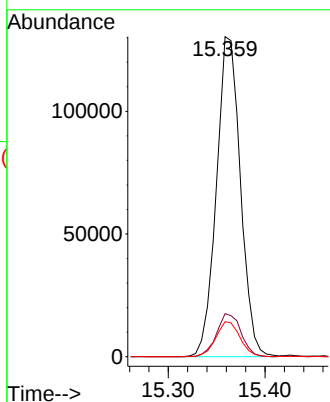
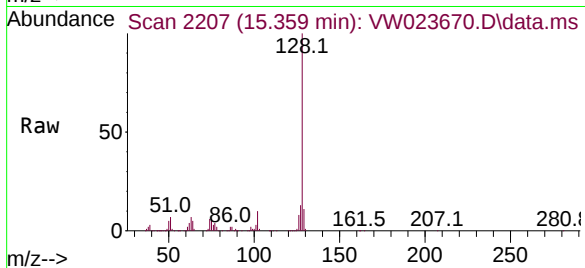
Tgt Ion:128 Resp: 224948

Ion Ratio Lower Upper

128 100

127 13.7 11.0 16.4

129 11.0 9.0 13.4



#72

1,2,3-Trichlorobenzene

Concen: 23.063 ug/L

RT: 15.554 min Scan# 2239

Delta R.T. -0.000 min

Lab File: VW023670.D

Acq: 14 Jul 2022 01:27

Tgt Ion:180 Resp: 89909

Ion Ratio Lower Upper

180 100

182 92.9 76.3 114.5

145 35.0 27.8 41.6

