

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062122\
 Data File : VW023504.D
 Acq On : 21 Jun 2022 14:38
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025577

Quant Time: Jun 22 01:06:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061022SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jun 22 01:04:18 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	377344	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.627	117	363322	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	194459	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	103341	17.238	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.960%
7) Chloroethane-d5	2.885	69	81698	18.539	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.160%
11) 1,1-Dichloroethene-d2	4.025	63	161602	19.313	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	77.240%
21) 2-Butanone-d5	7.079	46	61307	50.088	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.180%
24) Chloroform-d	7.652	84	223511	21.517	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.080%
26) 1,2-Dichloroethane-d4	8.305	65	117574	21.017	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	84.080%
32) Benzene-d6	8.274	84	386285	20.052	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	80.200%
36) 1,2-Dichloropropane-d6	9.274	67	123320	21.728	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	86.920%
41) Toluene-d8	10.323	98	383535	20.383	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	81.520%
43) trans-1,3-Dichloroprop...	10.579	79	53301	20.576	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.320%
47) 2-Hexanone-d5	10.926	63	48426	53.396	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.800%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	124263	23.442	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.760%
66) 1,2-Dichlorobenzene-d4	13.853	152	153507	21.867	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.480%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	36752	26.711	ug/L	99
3) Chloromethane	2.214	50	113882	25.022	ug/L	98
5) Vinyl chloride	2.361	62	164512	23.192	ug/L	98
6) Bromomethane	2.775	94	80575	20.070	ug/L	96
8) Chloroethane	2.922	64	84637	22.524	ug/L	100
9) Trichlorofluoromethane	3.257	101	70929	22.171	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	114620	24.852	ug/L	97
12) 1,1-Dichloroethene	4.043	96	98156	23.890	ug/L	89
13) Acetone	4.123	43	39952	45.305	ug/L	98
14) Carbon disulfide	4.385	76	268094	21.211	ug/L	100
15) Methyl Acetate	4.671	43	50281	25.538	ug/L	96
16) Methylene chloride	4.921	84	120639	23.623	ug/L	93
17) trans-1,2-Dichloroethene	5.427	96	114318	23.500	ug/L	99
18) Methyl tert-butyl Ether	5.427	73	193430	26.418	ug/L	99
19) 1,1-Dichloroethane	6.220	63	213679	24.522	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	131192	24.660	ug/L #	97
22) 2-Butanone	7.171	43	67363	49.907	ug/L	99
23) Bromochloromethane	7.512	128	64064	26.140	ug/L	96
25) Chloroform	7.677	83	241189	24.527	ug/L	96

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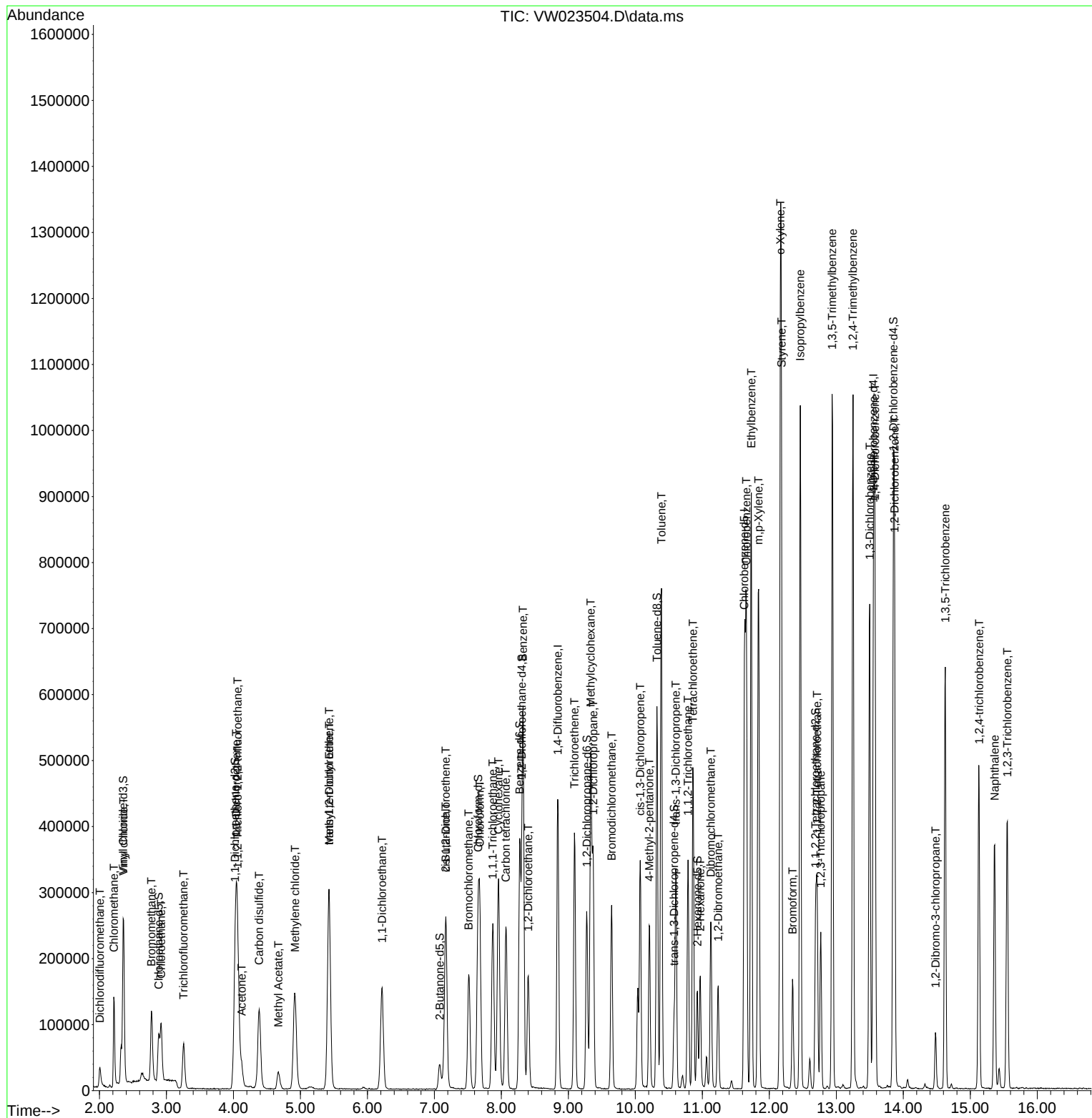
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061022SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jun 22 01:04:18 2022
 Response via : Initial Calibration

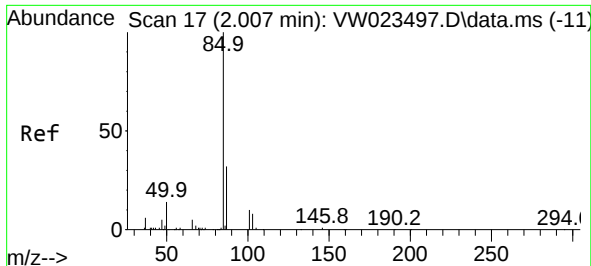
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.402	62	155908	23.973	ug/L	99
29) Cyclohexane	7.957	56	165035	22.552	ug/L	100
30) 1,1,1-Trichloroethane	7.872	97	202783	24.112	ug/L	99
31) Carbon tetrachloride	8.067	117	178891	23.089	ug/L	98
33) Benzene	8.323	78	500422	23.843	ug/L	100
34) Trichloroethene	9.091	95	131147	23.313	ug/L	97
35) Methylcyclohexane	9.335	83	206980	22.726	ug/L	100
37) 1,2-Dichloropropane	9.372	63	125927	24.552	ug/L	100
38) Bromodichloromethane	9.646	83	179152	24.834	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	193286	24.592	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	154071	52.666	ug/L	99
42) Toluene	10.390	91	566226	24.147	ug/L	97
44) trans-1,3-Dichloropropene	10.603	75	172686	24.349	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	105389	25.014	ug/L	99
46) Tetrachloroethene	10.859	164	100492	23.140	ug/L	85
48) 2-Hexanone	10.969	43	105532	53.379	ug/L	97
49) Dibromochloromethane	11.127	129	127013	25.742	ug/L	99
50) 1,2-Dibromoethane	11.237	107	98349	24.971	ug/L	93
51) Chlorobenzene	11.658	112	375955	23.756	ug/L	98
52) Ethylbenzene	11.731	91	627362	23.540	ug/L	99
53) m,p-Xylene	11.841	106	254370	24.523	ug/L	98
54) o-Xylene	12.164	106	241988	24.413	ug/L	100
55) Styrene	12.182	104	421104	24.434	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.713	83	130004	25.409	ug/L	96
59) Bromoform	12.347	173	70214	25.402	ug/L	99
60) Isopropylbenzene	12.463	105	655477	23.549	ug/L	99
61) 1,2,3-Trichloropropane	12.767	75	93624	25.303	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	546584	24.010	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	546492	23.988	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	298930	24.208	ug/L	90
65) 1,4-Dichlorobenzene	13.578	146	299262	23.734	ug/L	97
67) 1,2-Dichlorobenzene	13.871	146	275786	24.384	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.480	75	19025	23.286	ug/L	93
69) 1,3,5-Trichlorobenzene	14.627	180	188686	23.385	ug/L	98
70) 1,2,4-trichlorobenzene	15.133	180	143916	22.906	ug/L	99
71) Naphthalene	15.364	128	318658	25.782	ug/L	100
72) 1,2,3-Trichlorobenzene	15.553	180	132376	24.236	ug/L	99

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

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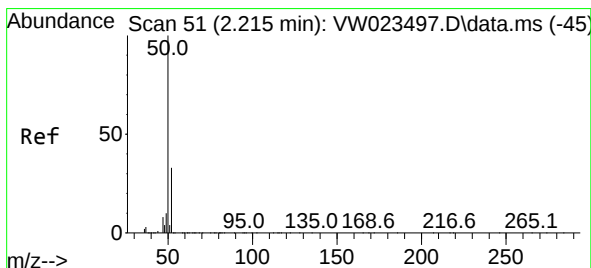
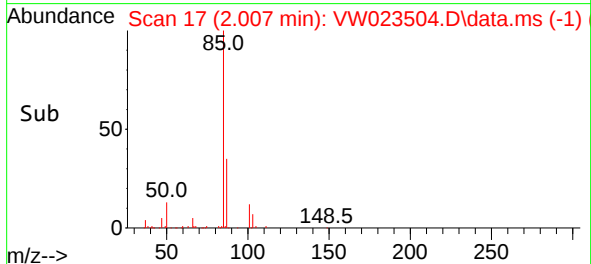
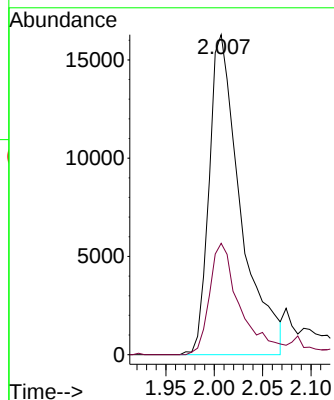
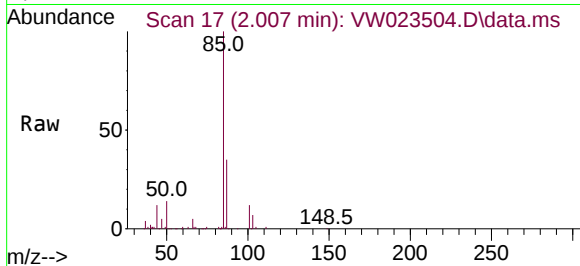




#2
 Dichlorodifluoromethane
 Concen: 26.711 ug/L
 RT: 2.007 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VW023504.D
 Acq: 21 Jun 2022 14:38

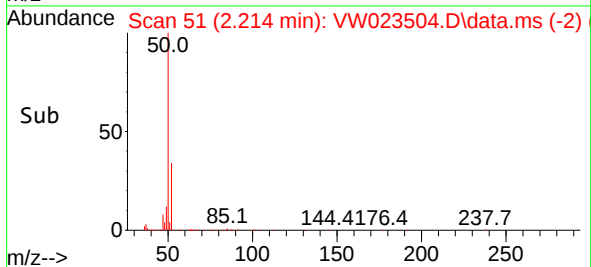
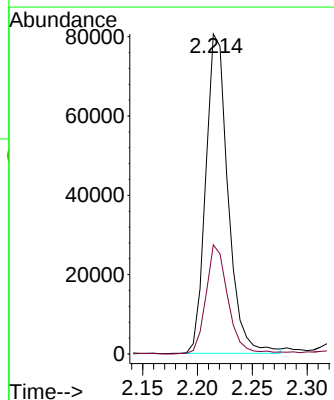
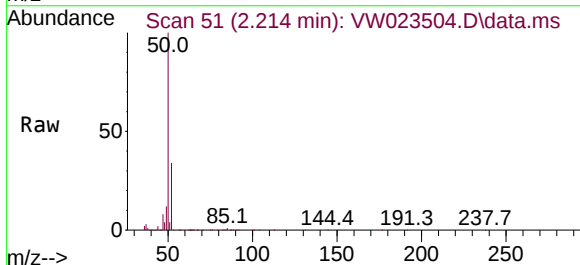
Instrument :
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 ClientSampleId :
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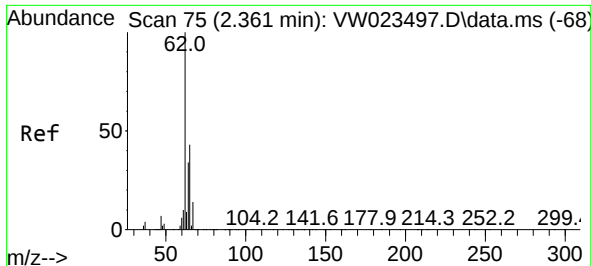
Tgt Ion: 85 Resp: 36752
 Ion Ratio Lower Upper
 85 100
 87 34.1 27.8 41.8



#3
 Chloromethane
 Concen: 25.022 ug/L
 RT: 2.214 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VW023504.D
 Acq: 21 Jun 2022 14:38

Tgt Ion: 50 Resp: 113882
 Ion Ratio Lower Upper
 50 100
 52 34.1 23.1 42.9

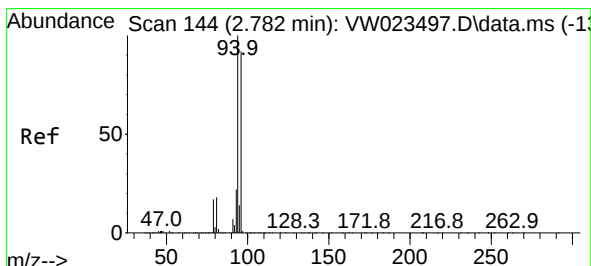
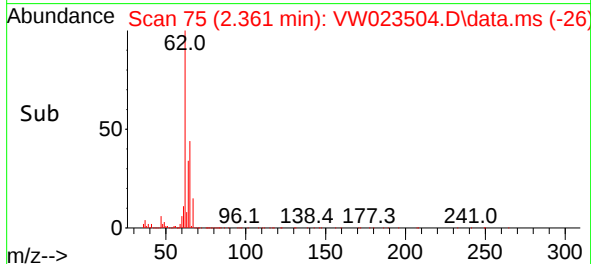
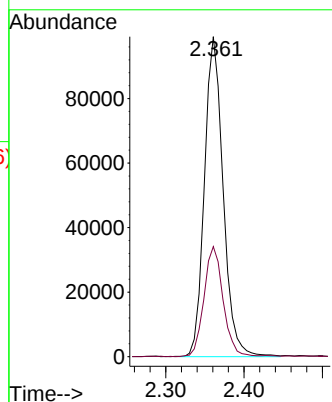
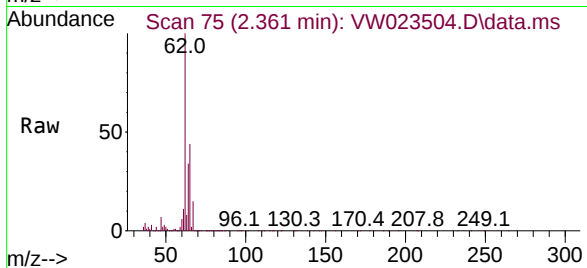




#5
 Vinyl chloride
 Concen: 23.192 ug/L
 RT: 2.361 min Scan# 75
 Delta R.T. -0.000 min
 Lab File: VW023504.D
 Acq: 21 Jun 2022 14:38

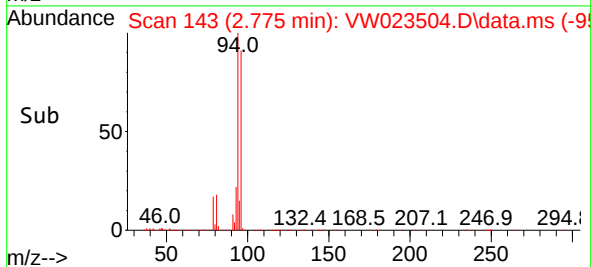
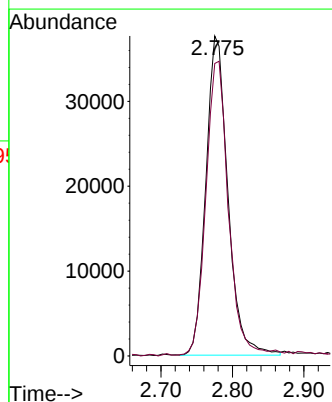
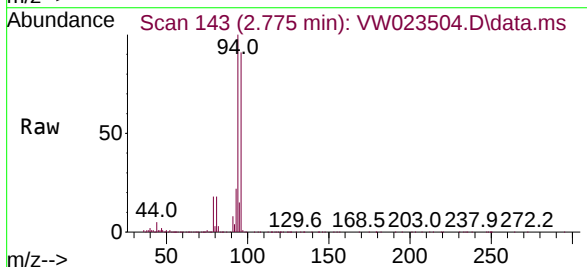
Instrument :
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 ClientSampleId :
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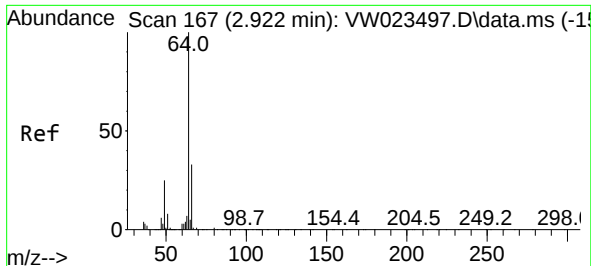
Tgt Ion: 62 Resp: 164512
 Ion Ratio Lower Upper
 62 100
 64 34.4 24.9 46.3



#6
 Bromomethane
 Concen: 20.070 ug/L
 RT: 2.775 min Scan# 143
 Delta R.T. -0.006 min
 Lab File: VW023504.D
 Acq: 21 Jun 2022 14:38

Tgt Ion: 94 Resp: 80575
 Ion Ratio Lower Upper
 94 100
 96 91.4 61.7 114.5

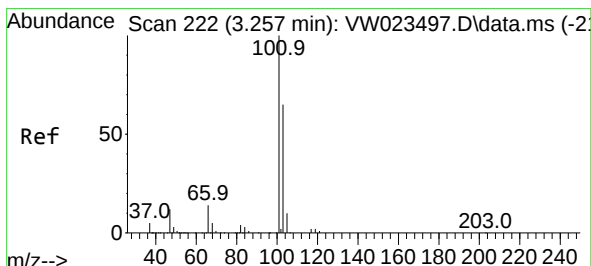
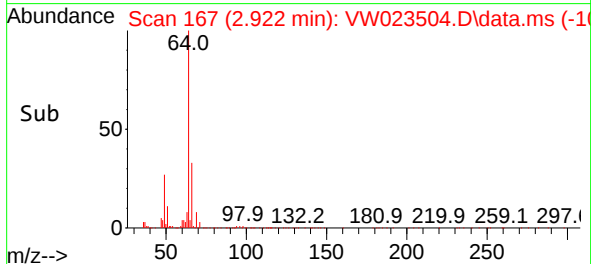
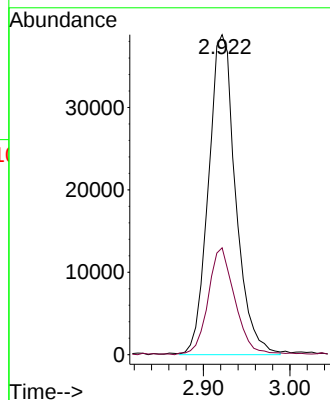
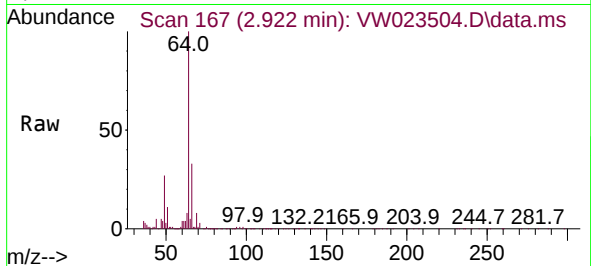




#8
Chloroethane
Concen: 22.524 ug/L
RT: 2.922 min Scan# 167
Delta R.T. -0.000 min
Lab File: VW023504.D
Acq: 21 Jun 2022 14:38

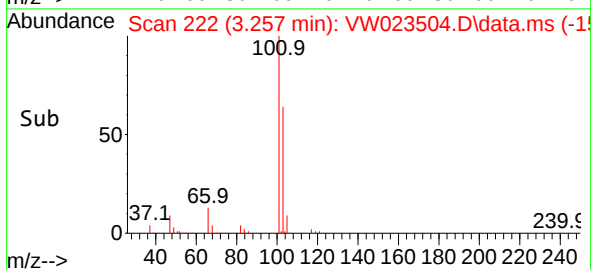
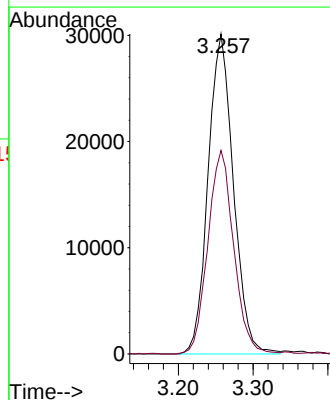
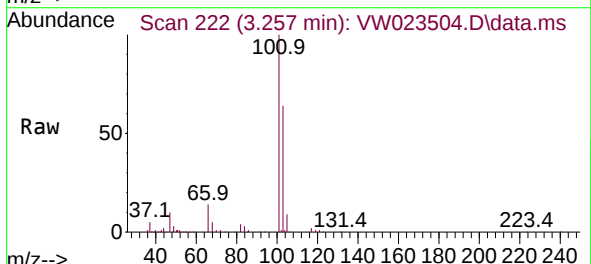
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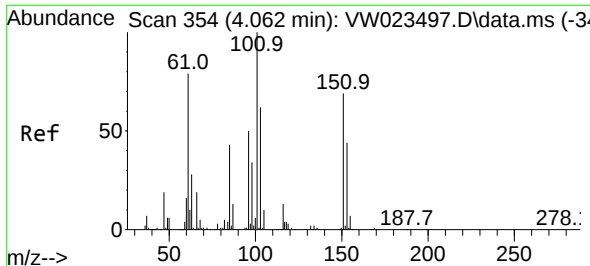
Tgt Ion: 64 Resp: 84637
Ion Ratio Lower Upper
64 100
66 33.4 23.4 43.6



#9
Trichlorofluoromethane
Concen: 22.171 ug/L
RT: 3.257 min Scan# 222
Delta R.T. -0.000 min
Lab File: VW023504.D
Acq: 21 Jun 2022 14:38

Tgt Ion: 101 Resp: 70929
Ion Ratio Lower Upper
101 100
103 64.9 53.9 80.9

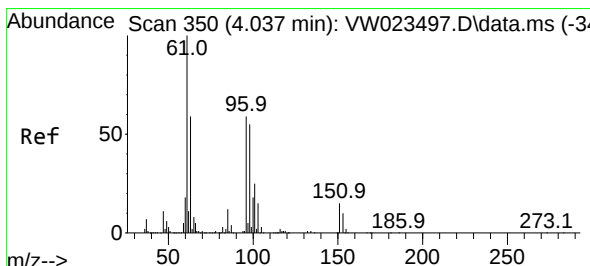
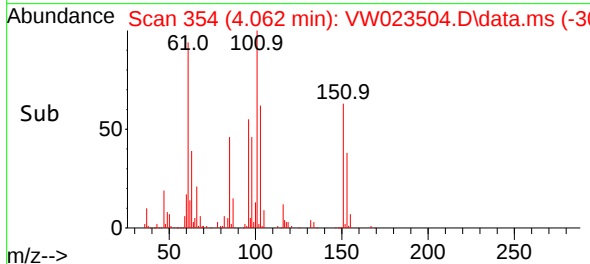
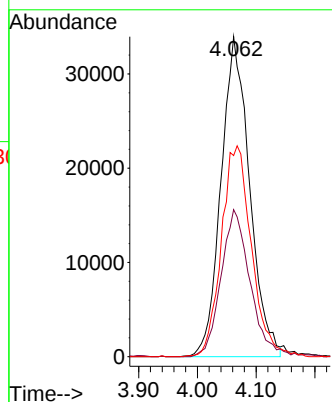
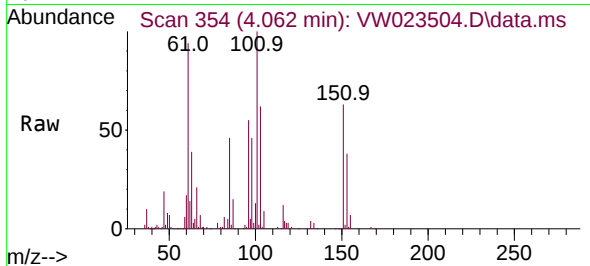




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 24.852 ug/L
 RT: 4.062 min Scan# 310
 Delta R.T. -0.000 min
 Lab File: VW023504.D
 Acq: 21 Jun 2022 14:38

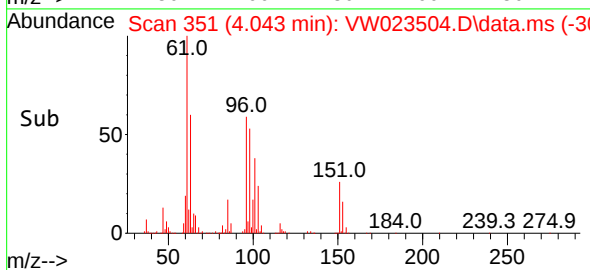
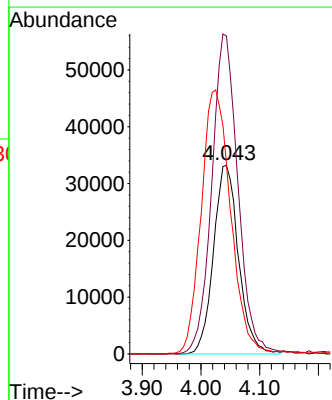
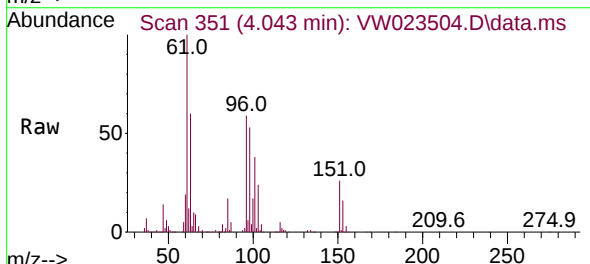
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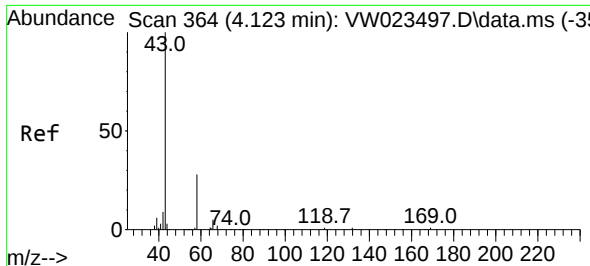
Tgt Ion:101 Resp: 114620
 Ion Ratio Lower Upper
 101 100
 85 46.5 34.3 51.5
 151 69.4 54.2 81.2



#12
 1,1-Dichloroethene
 Concen: 23.890 ug/L
 RT: 4.043 min Scan# 351
 Delta R.T. 0.006 min
 Lab File: VW023504.D
 Acq: 21 Jun 2022 14:38

Tgt Ion: 96 Resp: 98156
 Ion Ratio Lower Upper
 96 100
 61 168.5 125.7 233.5
 63 100.8 83.4 155.0

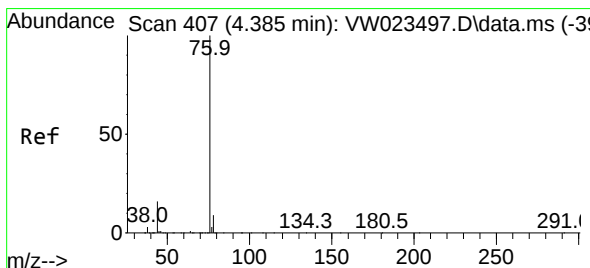
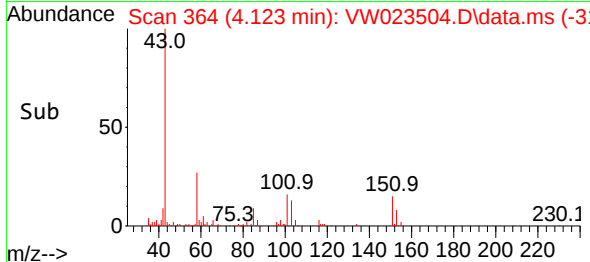
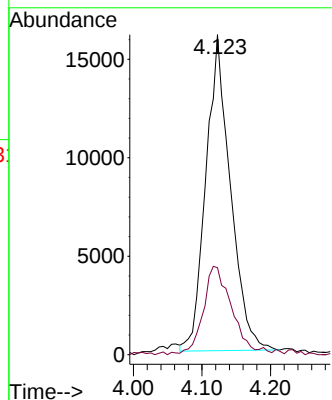
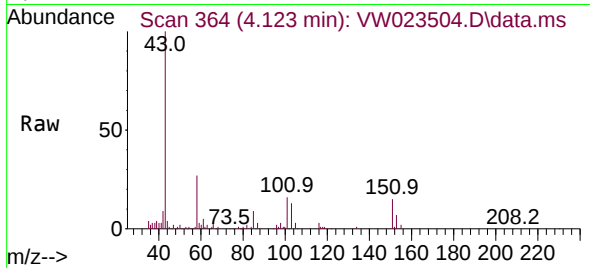




#13
Acetone
Concen: 45.305 ug/L
RT: 4.123 min Scan# 364
Delta R.T. -0.000 min
Lab File: VW023504.D
Acq: 21 Jun 2022 14:38

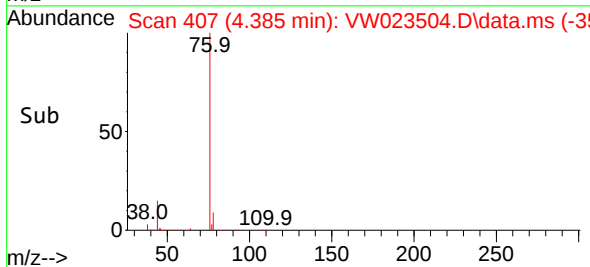
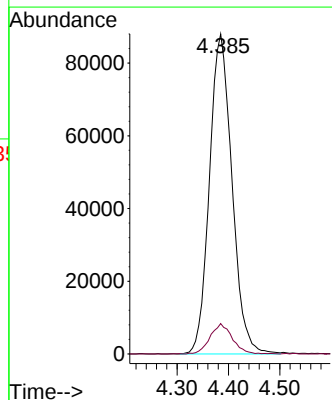
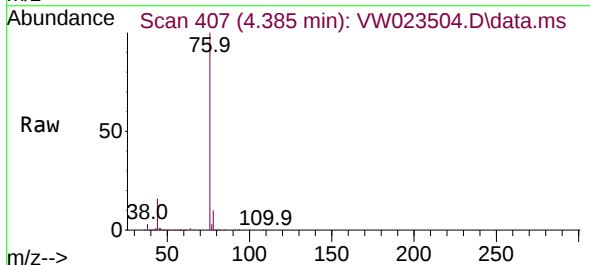
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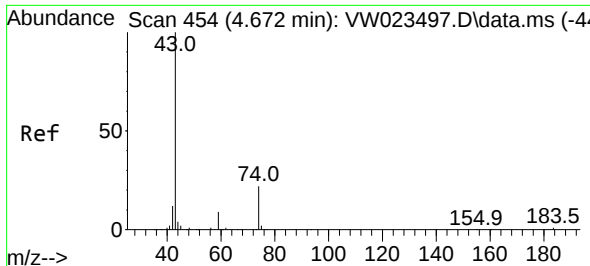
Tgt Ion: 43 Resp: 39952
Ion Ratio Lower Upper
43 100
58 30.7 0.0 64.0



#14
Carbon disulfide
Concen: 21.211 ug/L
RT: 4.385 min Scan# 407
Delta R.T. -0.000 min
Lab File: VW023504.D
Acq: 21 Jun 2022 14:38

Tgt Ion: 76 Resp: 268094
Ion Ratio Lower Upper
76 100
78 9.5 7.7 11.5

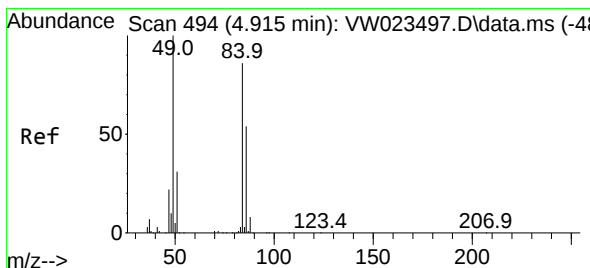
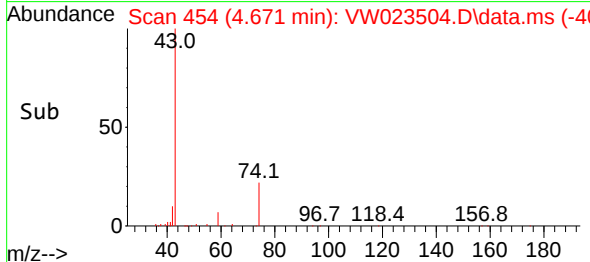
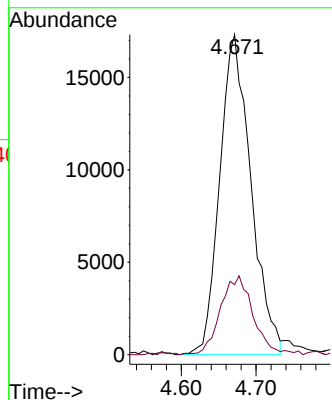
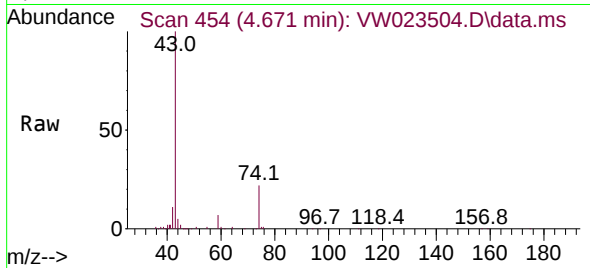




#15
Methyl Acetate
Concen: 25.538 ug/L
RT: 4.671 min Scan# 41
Delta R.T. -0.000 min
Lab File: VW023504.D
Acq: 21 Jun 2022 14:38

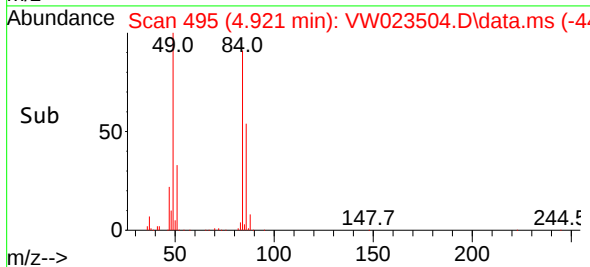
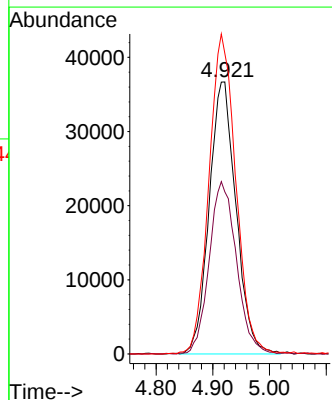
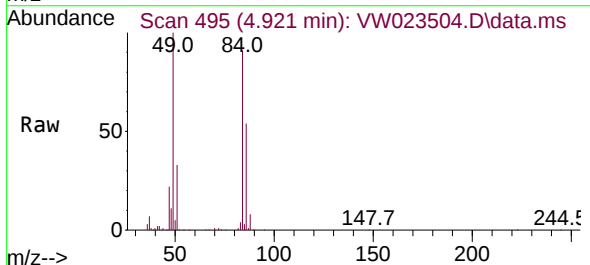
Instrument :
MSVOA_W
ClientSampleId :
VSTD025577

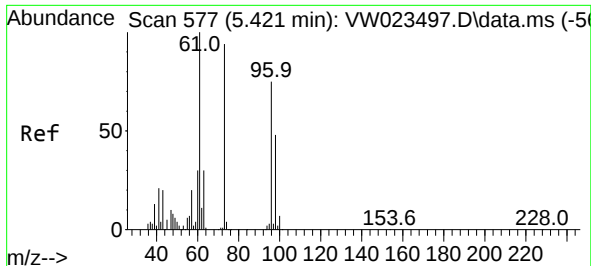
Tgt Ion: 43 Resp: 50281
Ion Ratio Lower Upper
43 100
74 25.2 21.9 32.9



#16
Methylene chloride
Concen: 23.623 ug/L
RT: 4.921 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW023504.D
Acq: 21 Jun 2022 14:38

Tgt Ion: 84 Resp: 120639
Ion Ratio Lower Upper
84 100
86 59.6 45.4 84.4
49 110.5 82.5 153.1

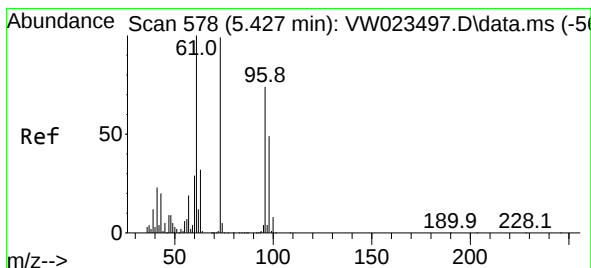
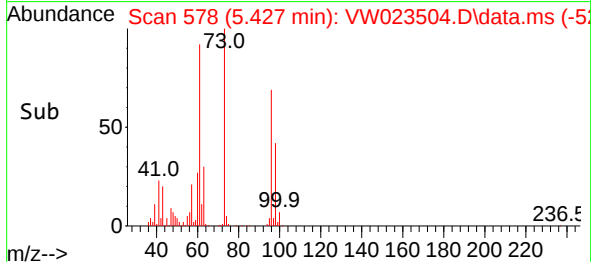
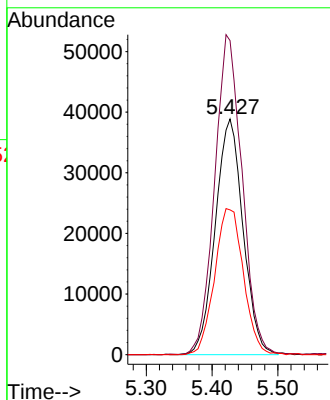
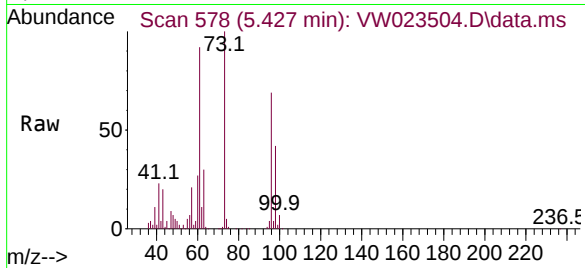




#17
trans-1,2-Dichloroethene
Concen: 23.500 ug/L
RT: 5.427 min Scan# 577
Delta R.T. 0.006 min
Lab File: VW023504.D
Acq: 21 Jun 2022 14:38

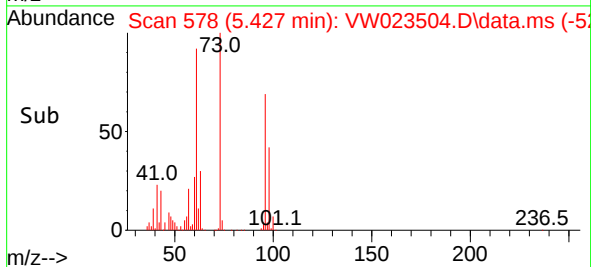
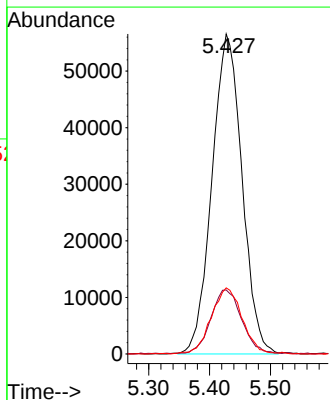
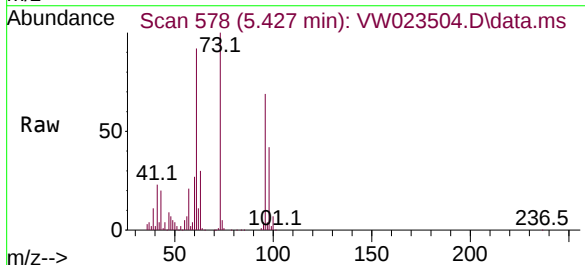
Instrument :
MSVOA_W
ClientSampleId :
VSTD025577

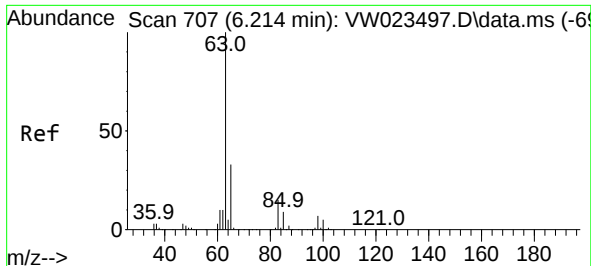
Tgt Ion: 96 Resp: 114318
Ion Ratio Lower Upper
96 100
61 133.2 92.2 171.2
98 61.4 42.9 79.7



#18
Methyl tert-butyl Ether
Concen: 26.418 ug/L
RT: 5.427 min Scan# 578
Delta R.T. -0.000 min
Lab File: VW023504.D
Acq: 21 Jun 2022 14:38

Tgt Ion: 73 Resp: 193430
Ion Ratio Lower Upper
73 100
43 20.5 15.9 23.9
57 21.1 16.5 24.7





#19

1,1-Dichloroethane

Concen: 24.522 ug/L

RT: 6.220 min Scan# 707

Delta R.T. 0.006 min

Lab File: VW023504.D

Acq: 21 Jun 2022 14:38

Instrument :

MSVOA_W

ClientSampleId :

VSTD025577

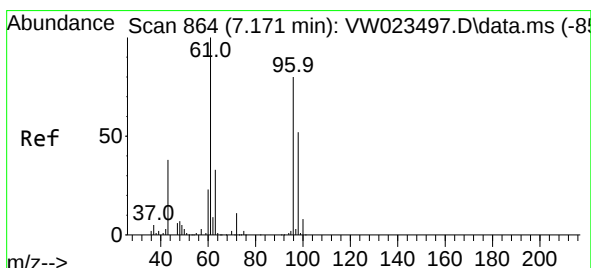
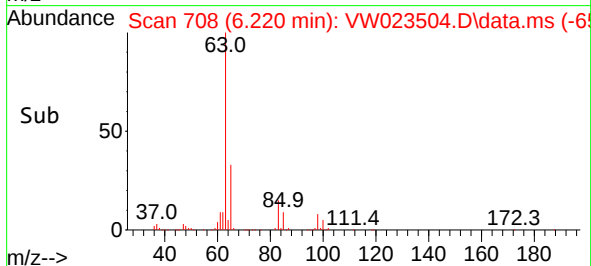
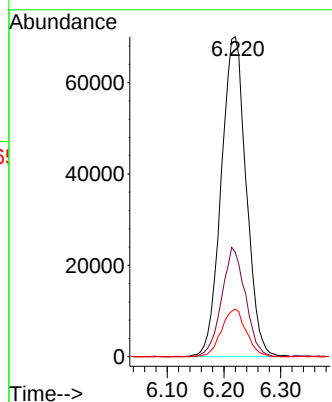
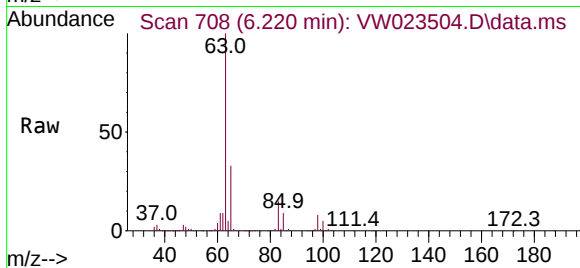
Tgt Ion: 63 Resp: 213679

Ion Ratio Lower Upper

63 100

65 32.6 23.3 43.3

83 14.9 11.1 20.5



#20

cis-1,2-Dichloroethene

Concen: 24.660 ug/L

RT: 7.171 min Scan# 864

Delta R.T. -0.000 min

Lab File: VW023504.D

Acq: 21 Jun 2022 14:38

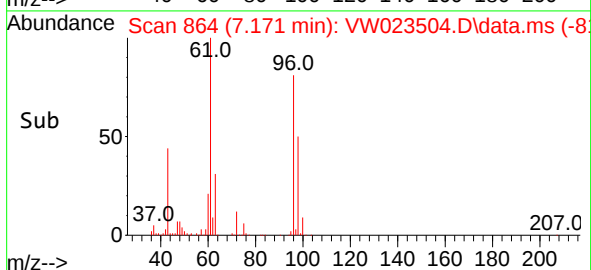
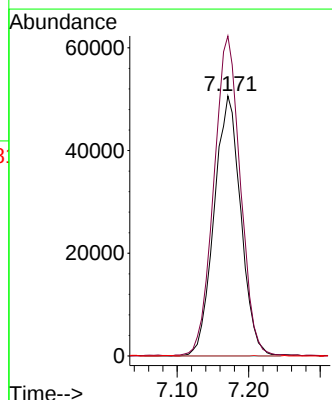
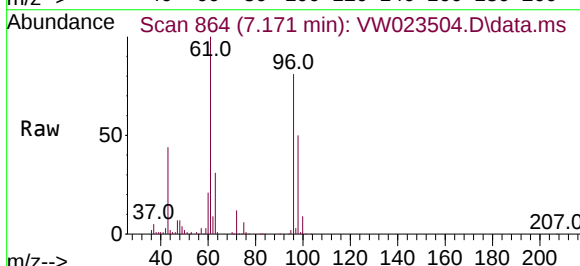
Tgt Ion: 96 Resp: 131192

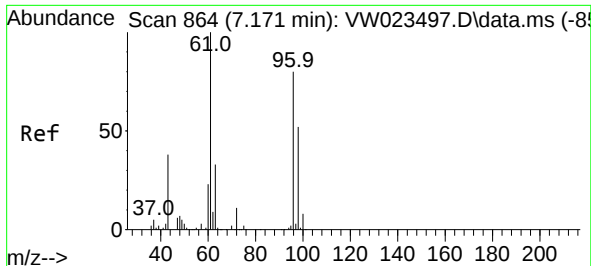
Ion Ratio Lower Upper

96 100

61 123.1 84.2 156.4

68 0.0 0.1 0.1#

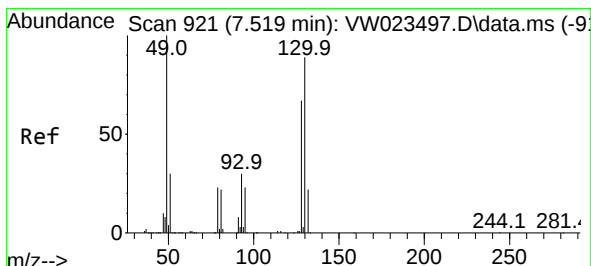
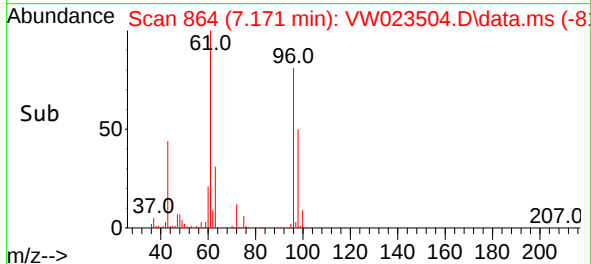
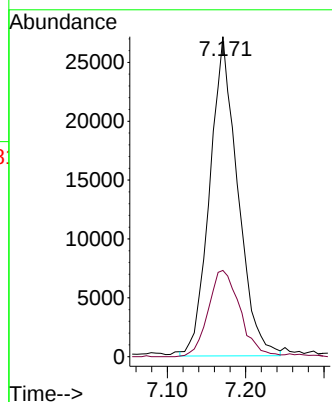
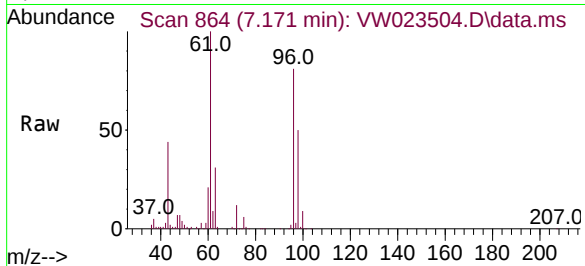




#22
2-Butanone
Concen: 49.907 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW023504.D
Acq: 21 Jun 2022 14:38

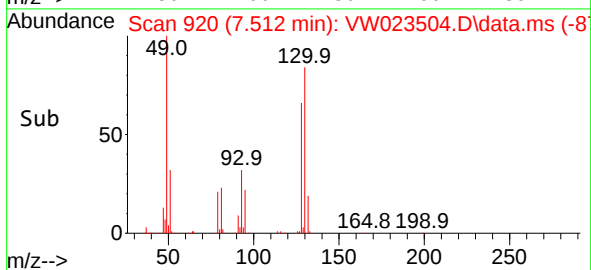
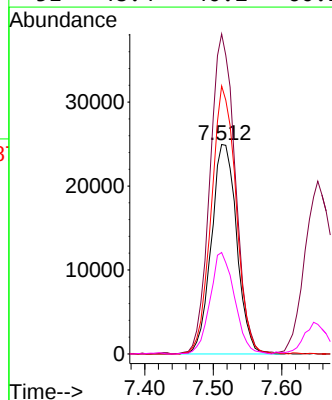
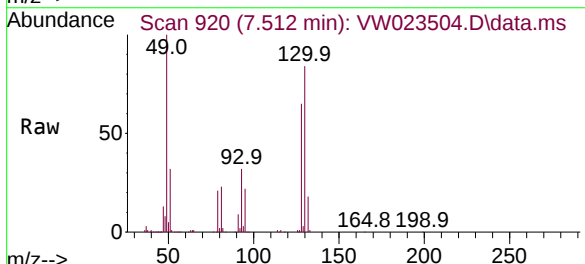
Instrument :
MSVOA_W
ClientSampleId :
VSTD025577

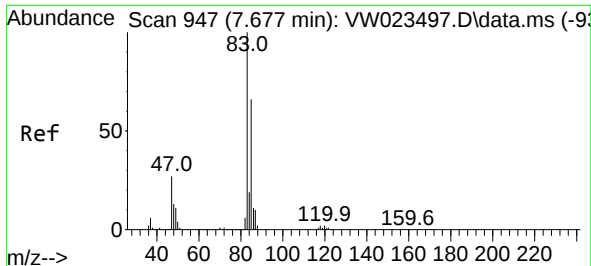
Tgt Ion: 43 Resp: 67363
Ion Ratio Lower Upper
43 100
72 30.7 15.1 45.3



#23
Bromochloromethane
Concen: 26.140 ug/L
RT: 7.512 min Scan# 920
Delta R.T. -0.006 min
Lab File: VW023504.D
Acq: 21 Jun 2022 14:38

Tgt Ion: 128 Resp: 64064
Ion Ratio Lower Upper
128 100
49 152.8 110.0 204.4
130 127.9 94.8 176.0
51 48.4 40.2 60.2

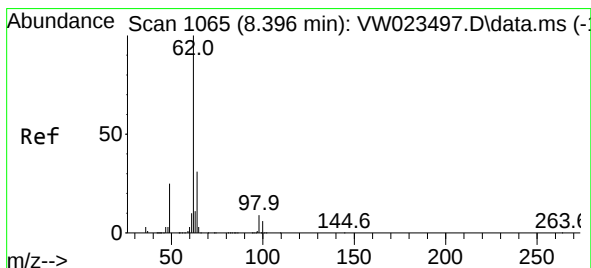
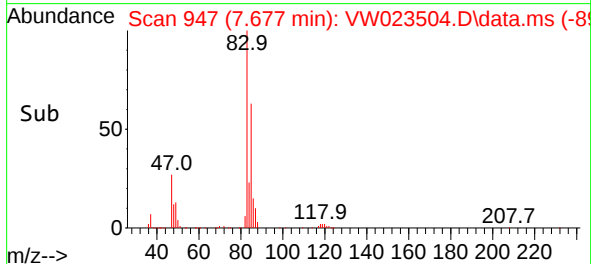
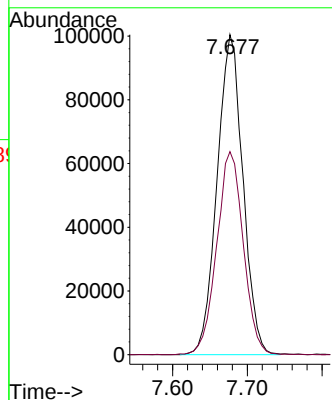
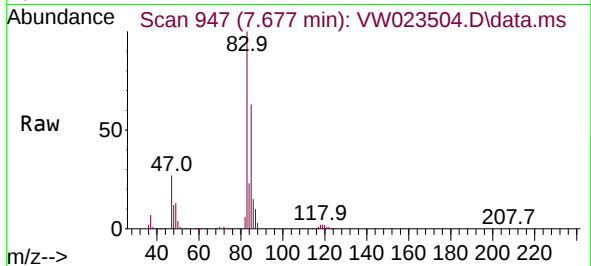




#25
Chloroform
Concen: 24.527 ug/L
RT: 7.677 min Scan# 947
Delta R.T. -0.000 min
Lab File: VW023504.D
Acq: 21 Jun 2022 14:38

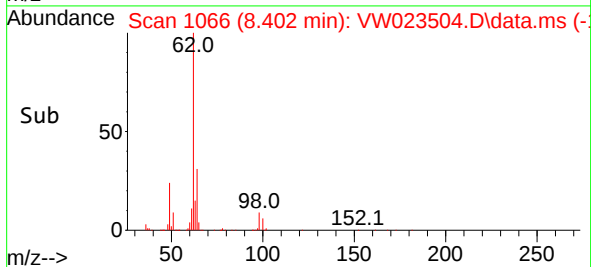
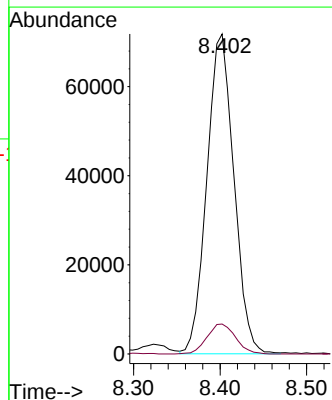
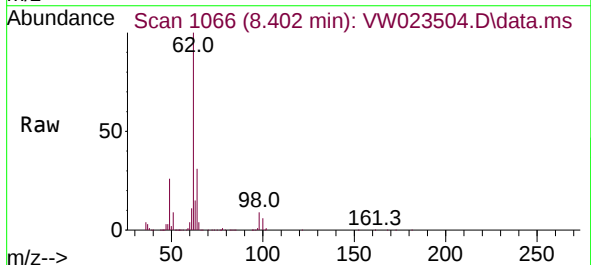
Instrument :
MSVOA_W
ClientSampleId :
VSTD025577

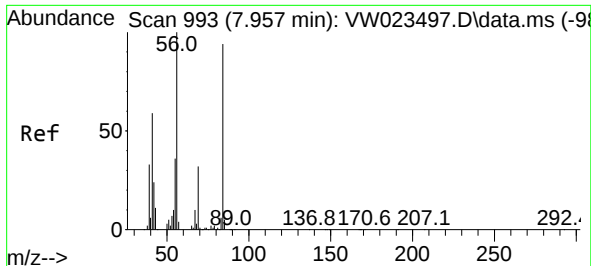
Tgt Ion: 83 Resp: 241189
Ion Ratio Lower Upper
83 100
85 63.5 46.6 86.6



#27
1,2-Dichloroethane
Concen: 23.973 ug/L
RT: 8.402 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VW023504.D
Acq: 21 Jun 2022 14:38

Tgt Ion: 62 Resp: 155908
Ion Ratio Lower Upper
62 100
98 9.4 7.2 10.8





#29

Cyclohexane

Concen: 22.552 ug/L

RT: 7.957 min Scan# 993

Delta R.T. -0.000 min

Lab File: VW023504.D

Acq: 21 Jun 2022 14:38

Instrument :

MSVOA_W

ClientSampleId :

VSTD025577

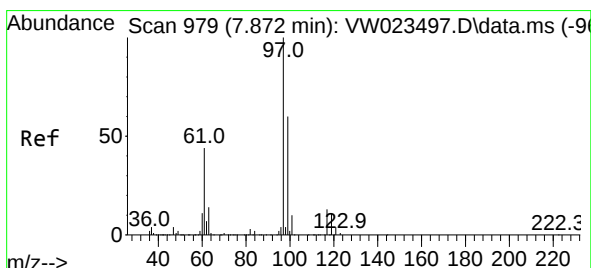
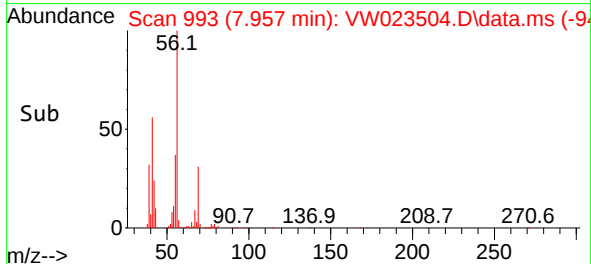
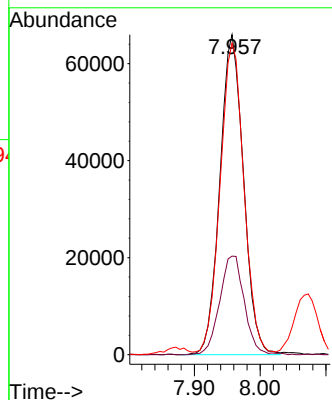
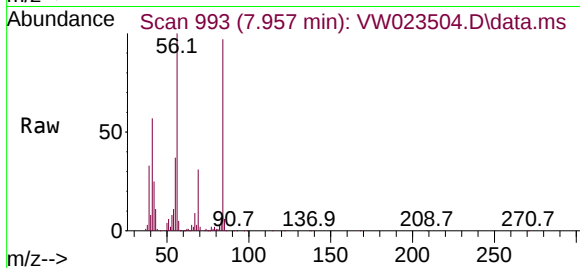
Tgt Ion: 56 Resp: 165035

Ion Ratio Lower Upper

56 100

69 31.9 25.6 38.4

84 98.3 78.2 117.4



#30

1,1,1-Trichloroethane

Concen: 24.112 ug/L

RT: 7.872 min Scan# 979

Delta R.T. -0.000 min

Lab File: VW023504.D

Acq: 21 Jun 2022 14:38

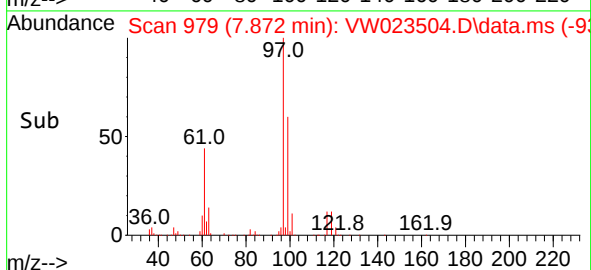
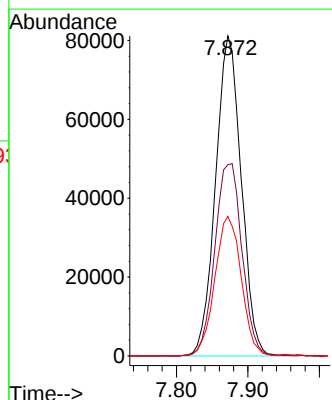
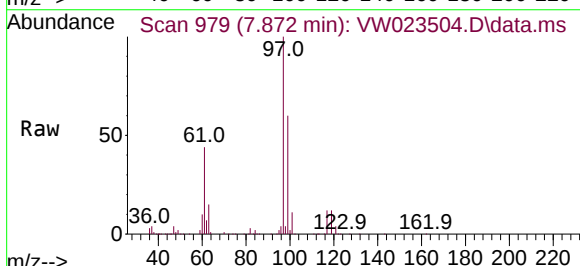
Tgt Ion: 97 Resp: 202783

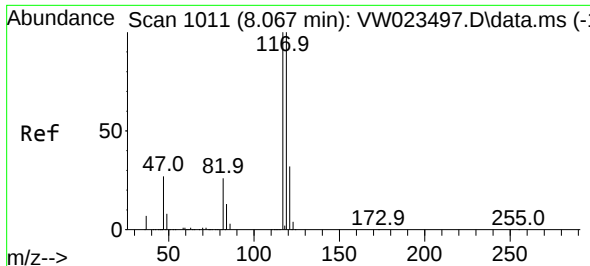
Ion Ratio Lower Upper

97 100

99 63.5 51.0 76.4

61 44.9 34.8 52.2

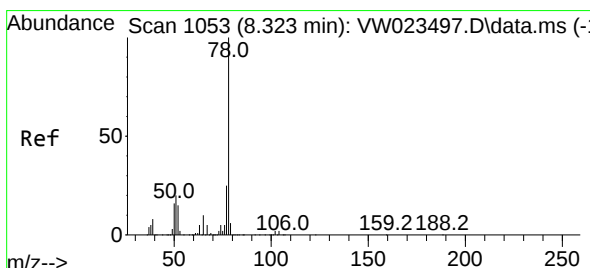
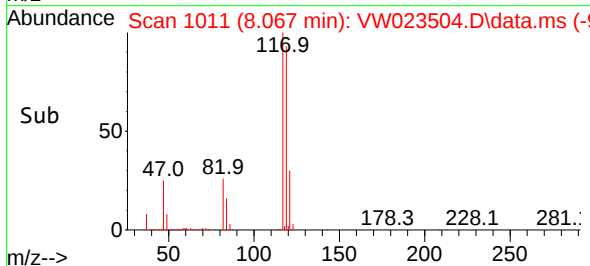
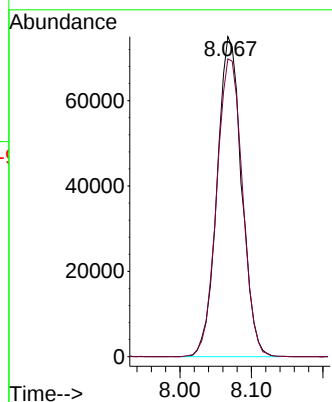
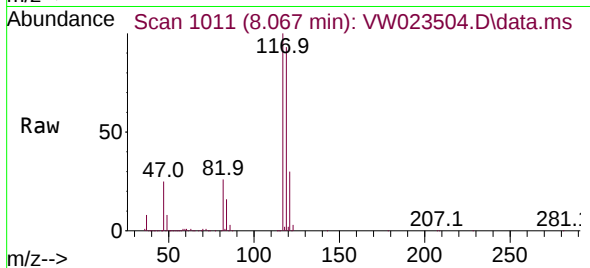




#31
Carbon tetrachloride
Concen: 23.089 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.000 min
Lab File: VW023504.D
Acq: 21 Jun 2022 14:38

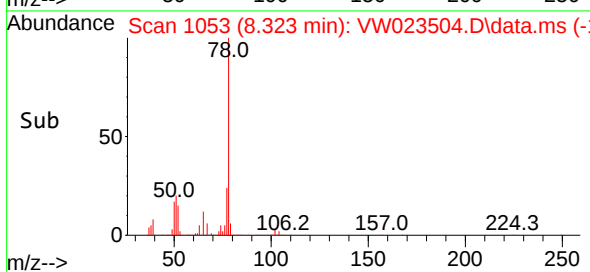
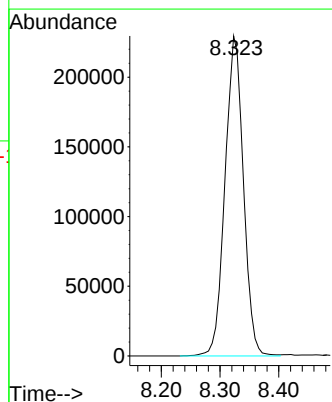
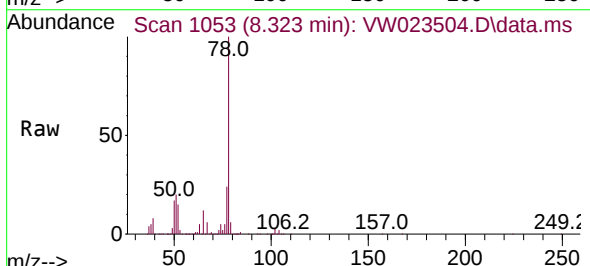
Instrument :
MSVOA_W
ClientSampleId :
VSTD025577

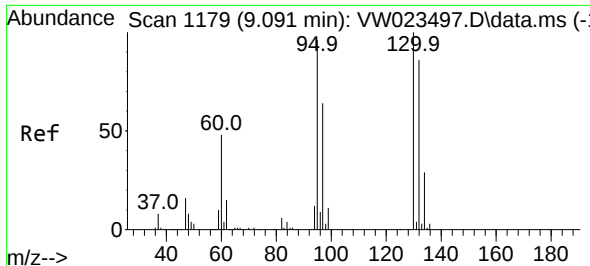
Tgt Ion:117 Resp: 178891
Ion Ratio Lower Upper
117 100
119 97.7 76.6 115.0



#33
Benzene
Concen: 23.843 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW023504.D
Acq: 21 Jun 2022 14:38

Tgt Ion: 78 Resp: 500422

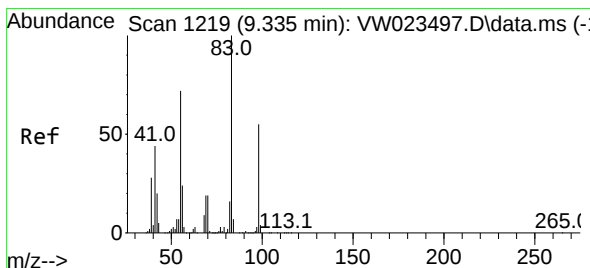
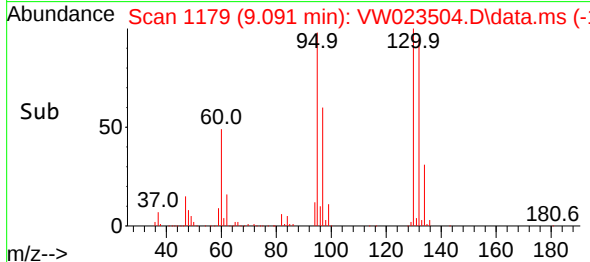
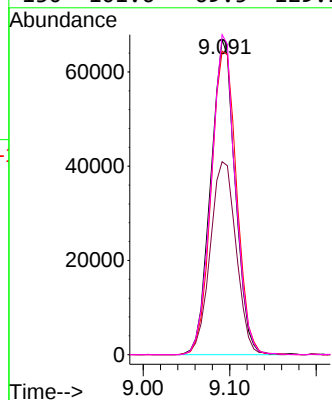
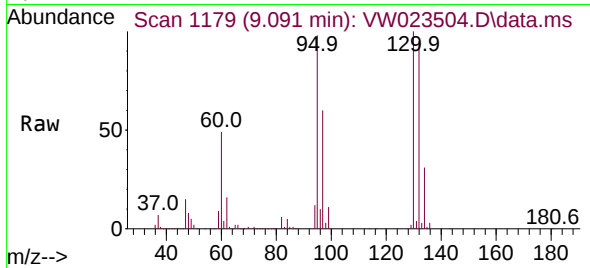




#34
Trichloroethene
Concen: 23.313 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW023504.D
Acq: 21 Jun 2022 14:38

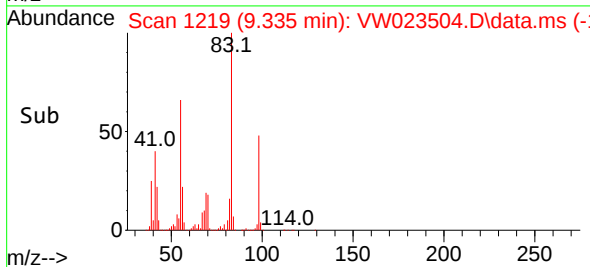
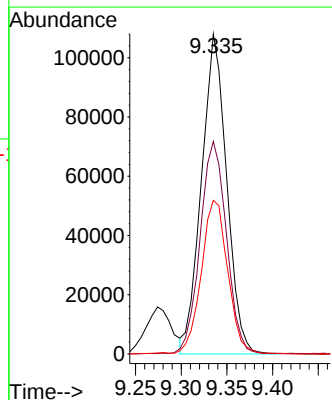
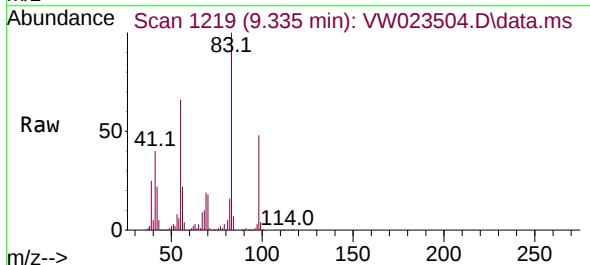
Instrument :
MSVOA_W
ClientSampleId :
VSTD025577

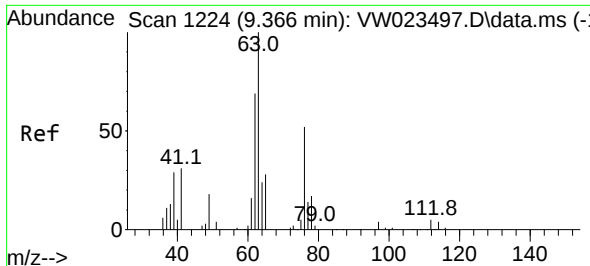
Tgt Ion: 95 Resp: 131147
Ion Ratio Lower Upper
95 100
97 61.3 46.1 85.7
132 96.4 66.9 124.3
130 101.6 69.5 129.1



#35
Methylcyclohexane
Concen: 22.726 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW023504.D
Acq: 21 Jun 2022 14:38

Tgt Ion: 83 Resp: 206980
Ion Ratio Lower Upper
83 100
55 69.2 55.1 82.7
98 50.3 40.4 60.6





#37

1,2-Dichloropropane

Concen: 24.552 ug/L

RT: 9.372 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW023504.D

Acq: 21 Jun 2022 14:38

Instrument :

MSVOA_W

ClientSampleId :

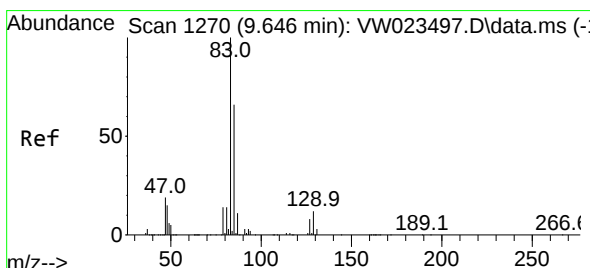
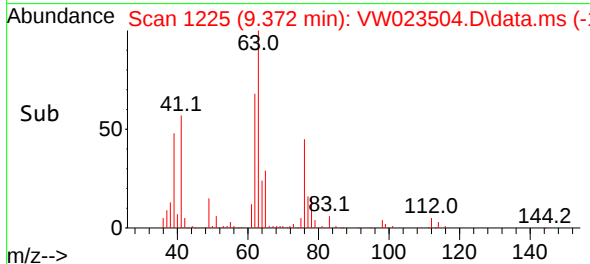
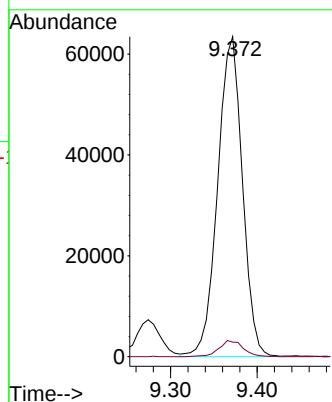
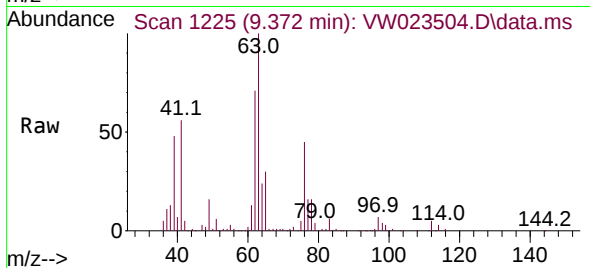
VSTD025577

Tgt Ion: 63 Resp: 125927

Ion Ratio Lower Upper

63 100

112 5.0 3.8 5.8



#38

Bromodichloromethane

Concen: 24.834 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. -0.000 min

Lab File: VW023504.D

Acq: 21 Jun 2022 14:38

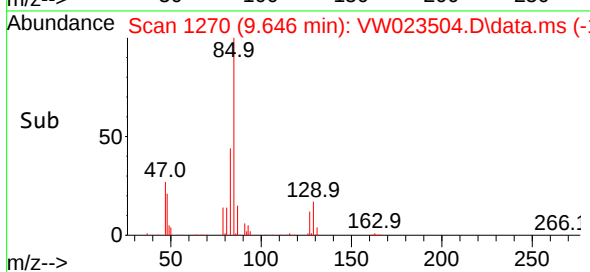
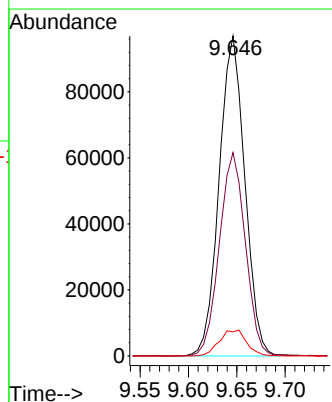
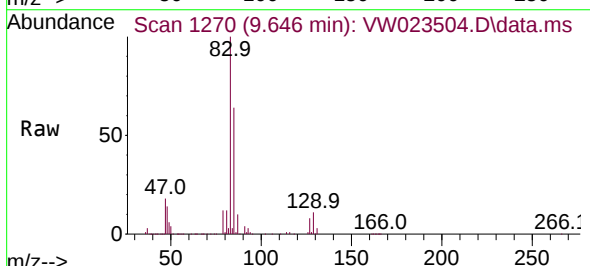
Tgt Ion: 83 Resp: 179152

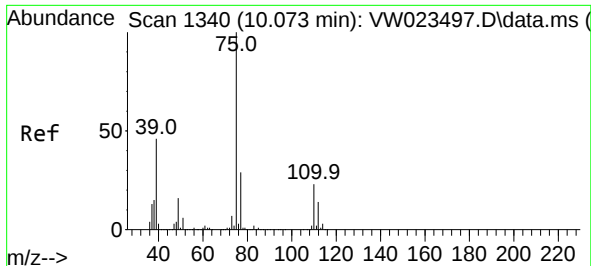
Ion Ratio Lower Upper

83 100

85 63.6 43.5 80.7

127 7.6 7.1 10.7





#39

cis-1,3-Dichloropropene

Concen: 24.592 ug/L

RT: 10.073 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW023504.D

Acq: 21 Jun 2022 14:38

Instrument :

MSVOA_W

ClientSampleId :

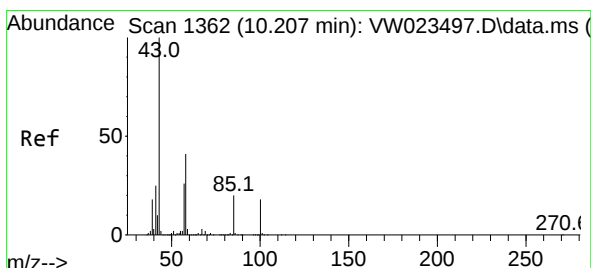
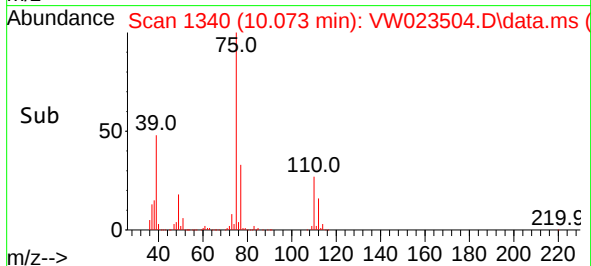
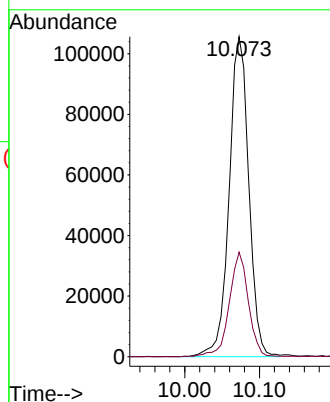
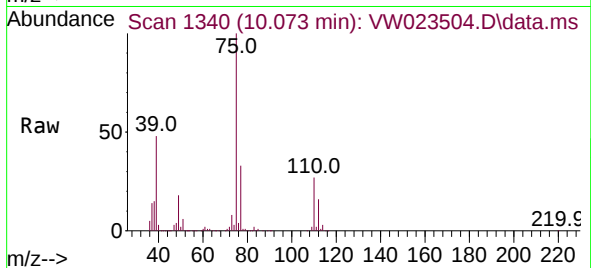
VSTD025577

Tgt Ion: 75 Resp: 193286

Ion Ratio Lower Upper

75 100

77 32.7 22.1 41.1



#40

4-Methyl-2-pentanone

Concen: 52.666 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW023504.D

Acq: 21 Jun 2022 14:38

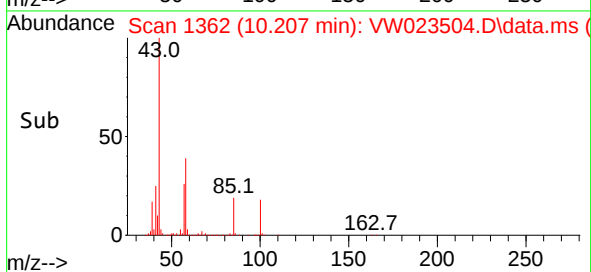
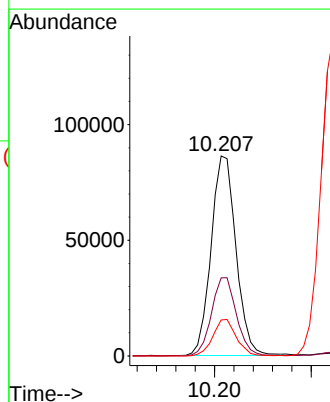
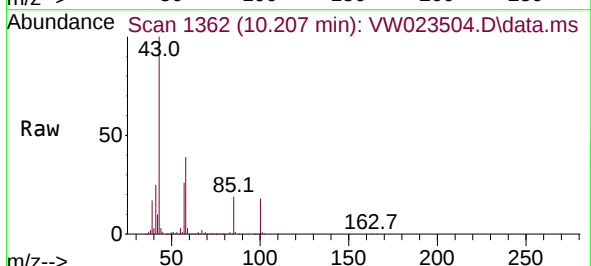
Tgt Ion: 43 Resp: 154071

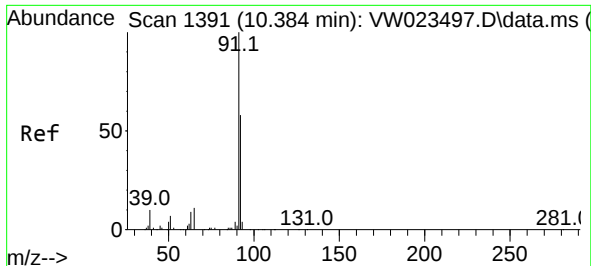
Ion Ratio Lower Upper

43 100

58 39.5 31.4 47.2

100 17.4 14.2 21.4

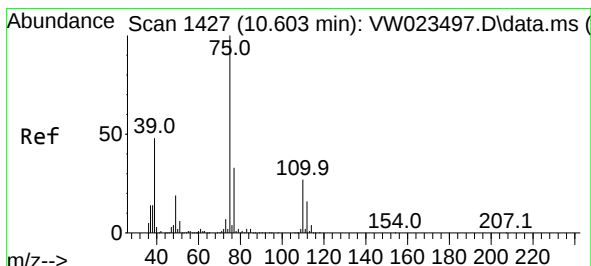
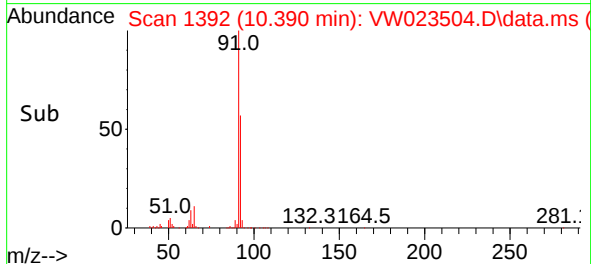
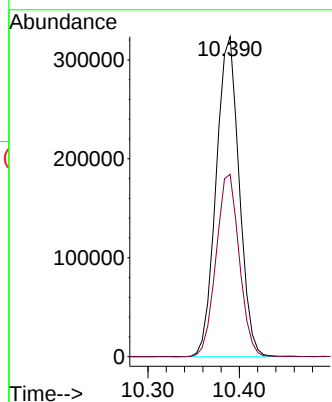
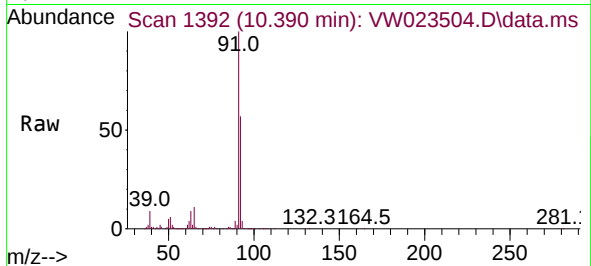




#42
Toluene
Concen: 24.147 ug/L
RT: 10.390 min Scan# 1391
Delta R.T. 0.006 min
Lab File: VW023504.D
Acq: 21 Jun 2022 14:38

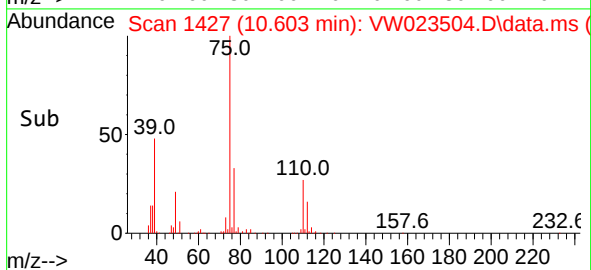
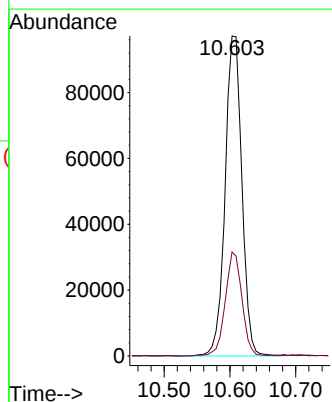
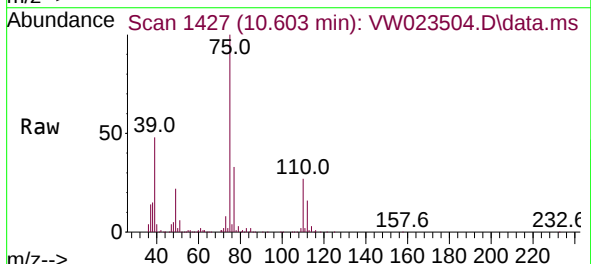
Instrument :
MSVOA_W
ClientSampleId :
VSTD025577

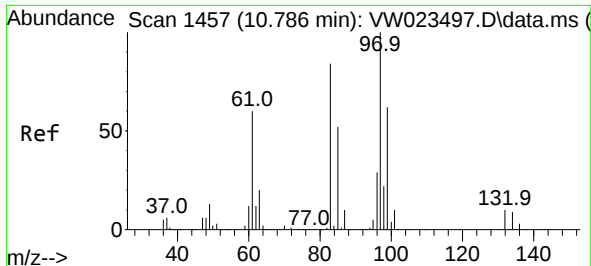
Tgt Ion: 91 Resp: 566226
Ion Ratio Lower Upper
91 100
92 57.0 41.6 77.2



#44
trans-1,3-Dichloropropene
Concen: 24.349 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW023504.D
Acq: 21 Jun 2022 14:38

Tgt Ion: 75 Resp: 172686
Ion Ratio Lower Upper
75 100
77 32.5 22.0 40.8

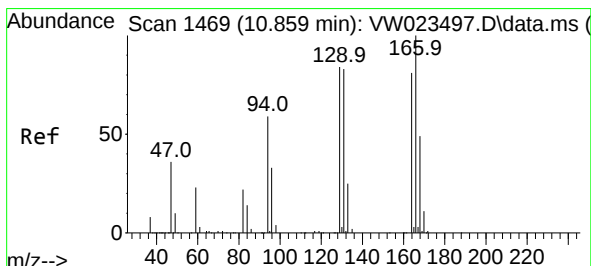
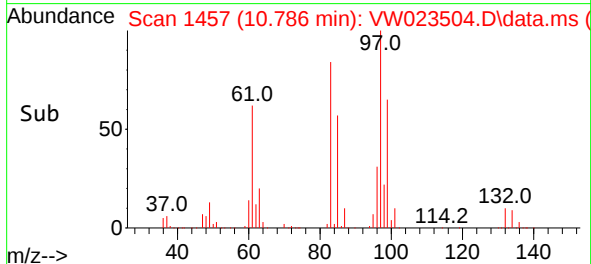
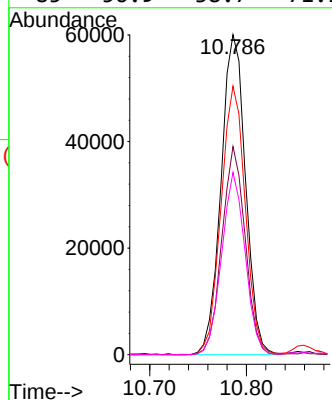
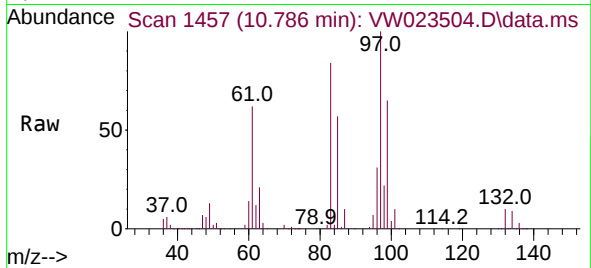




#45
1,1,2-Trichloroethane
Concen: 25.014 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW023504.D
Acq: 21 Jun 2022 14:38

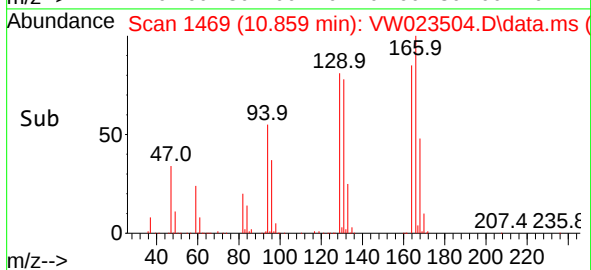
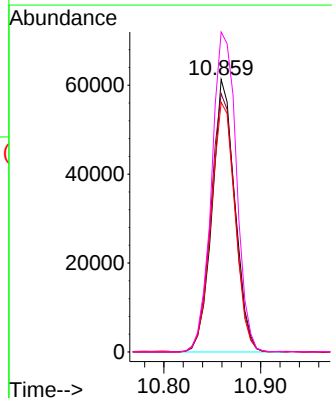
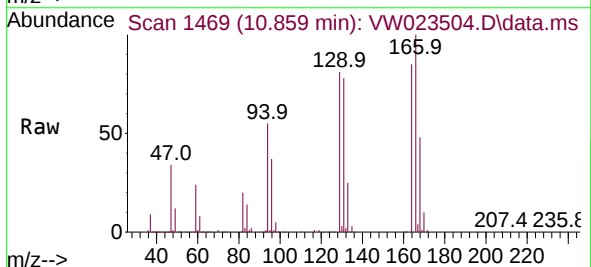
Instrument :
MSVOA_W
ClientSampleId :
VSTD025577

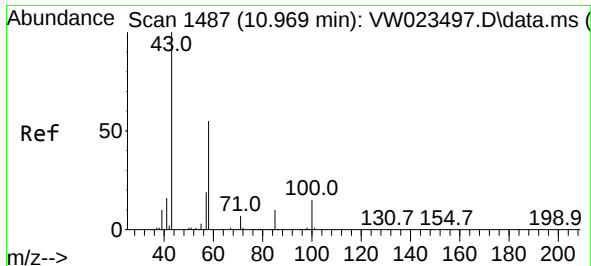
Tgt Ion: 97	Resp: 105389
Ion Ratio	Lower Upper
97 100	
99 65.1	44.7 82.9
83 83.9	58.4 108.4
85 56.9	38.7 71.9



#46
Tetrachloroethene
Concen: 23.140 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW023504.D
Acq: 21 Jun 2022 14:38

Tgt	Ion:164	Resp:	100492
Ion	Ratio	Lower	Upper
164	100		
129	94.7	76.9	142.7
131	91.6	75.1	139.5
166	117.4	96.0	178.2



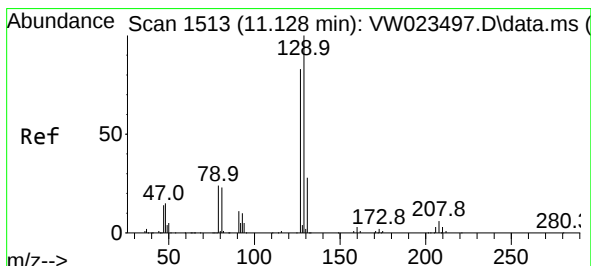
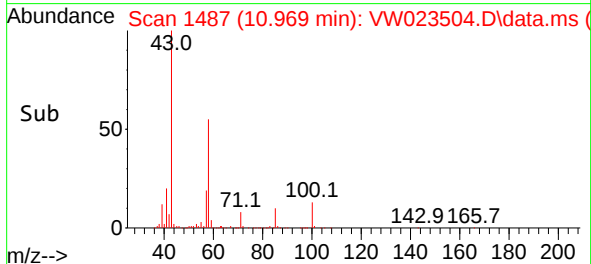
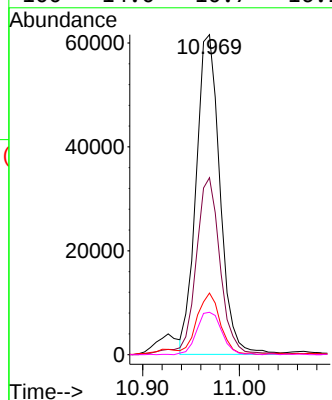
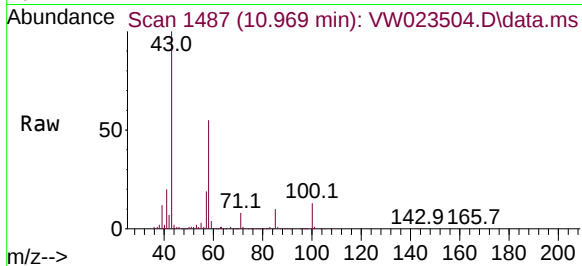


#48
2-Hexanone
Concen: 53.379 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW023504.D
Acq: 21 Jun 2022 14:38

Instrument :
MSVOA_W
ClientSampleId :
VSTD025577

Tgt Ion: 43 Resp: 105532

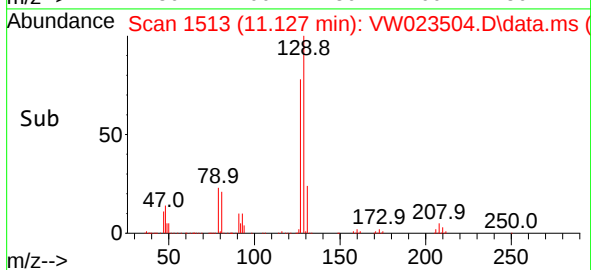
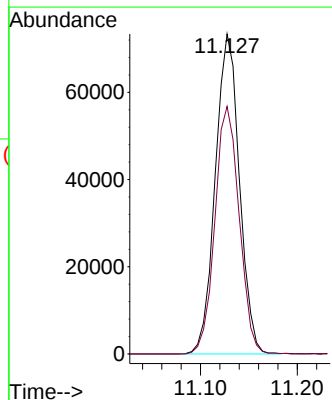
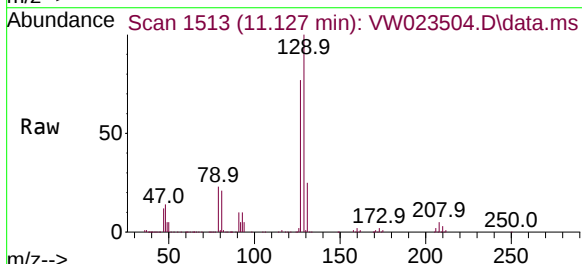
Ion	Ratio	Lower	Upper
43	100		
58	55.1	45.9	68.9
57	18.8	16.2	24.2
100	14.0	10.7	16.1

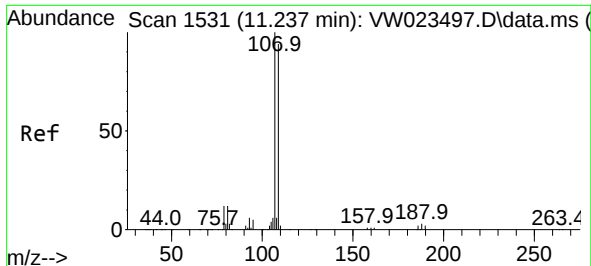


#49
Dibromochloromethane
Concen: 25.742 ug/L
RT: 11.127 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW023504.D
Acq: 21 Jun 2022 14:38

Tgt Ion: 129 Resp: 127013

Ion	Ratio	Lower	Upper
129	100		
127	77.3	53.8	100.0

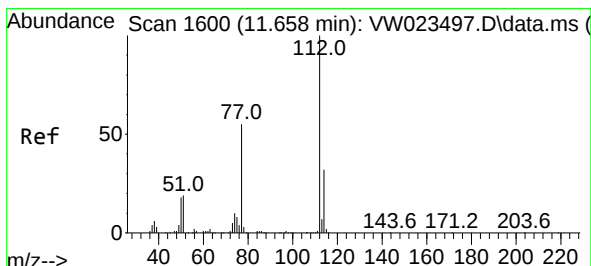
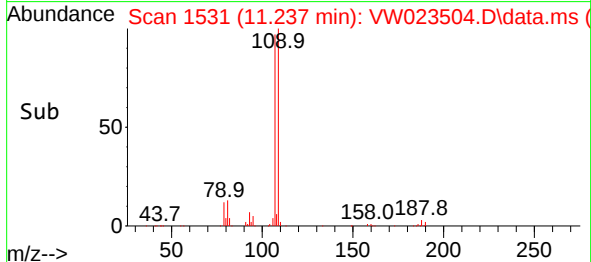
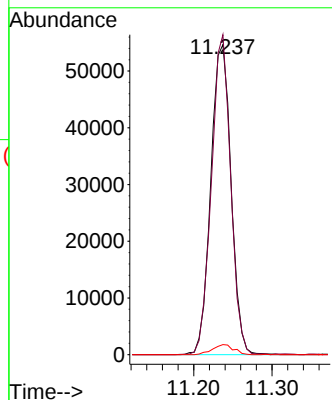
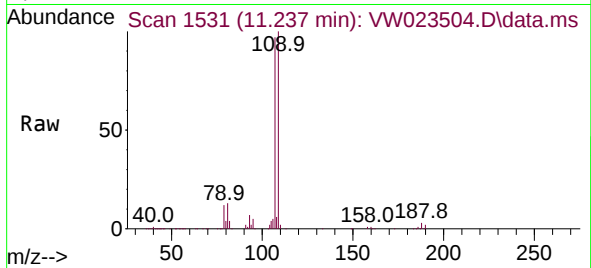




#50
1,2-Dibromoethane
Concen: 24.971 ug/L
RT: 11.237 min Scan# 1531
Delta R.T. -0.000 min
Lab File: VW023504.D
Acq: 21 Jun 2022 14:38

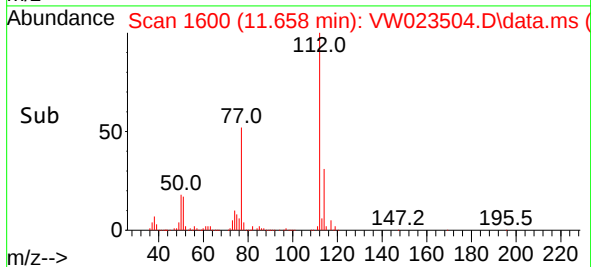
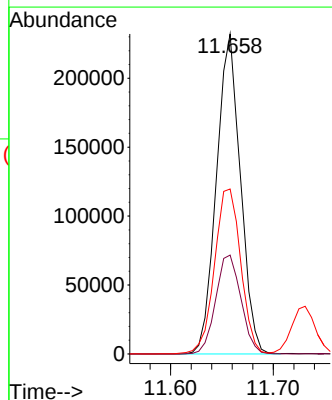
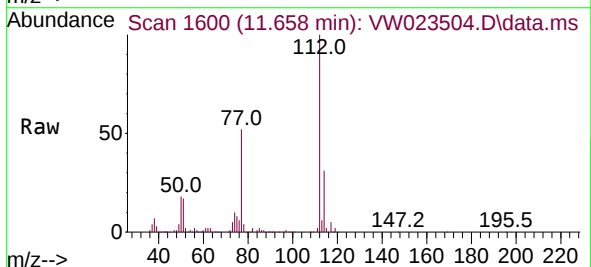
Instrument :
MSVOA_W
ClientSampleId :
VSTD025577

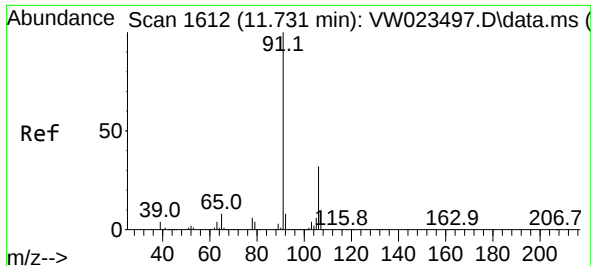
Tgt Ion:107 Resp: 98349
Ion Ratio Lower Upper
107 100
109 103.2 67.5 125.4
188 3.2 2.9 4.3



#51
Chlorobenzene
Concen: 23.756 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VW023504.D
Acq: 21 Jun 2022 14:38

Tgt Ion:112 Resp: 375955
Ion Ratio Lower Upper
112 100
114 30.9 22.0 41.0
77 51.5 42.6 63.8

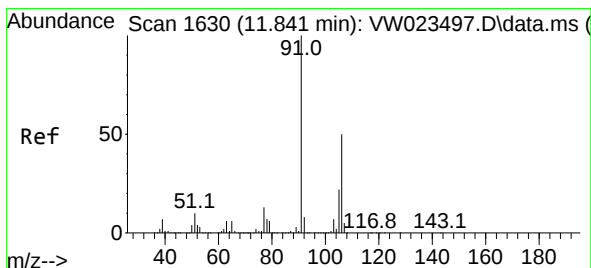
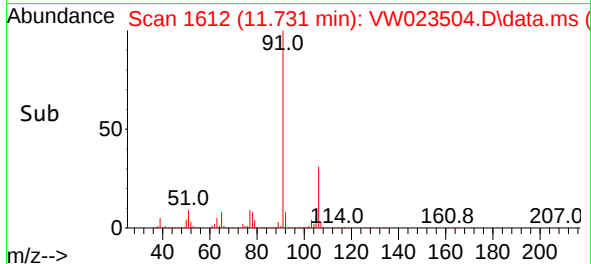
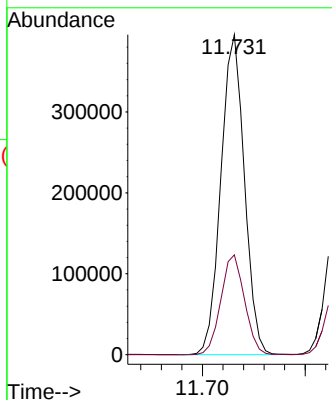
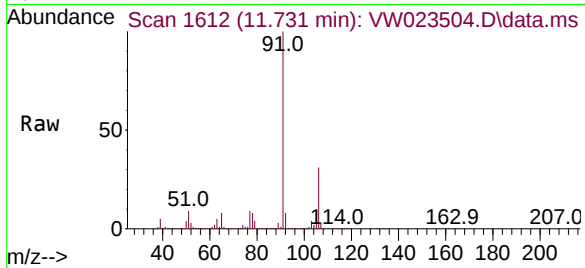




#52
Ethylbenzene
Concen: 23.540 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW023504.D
Acq: 21 Jun 2022 14:38

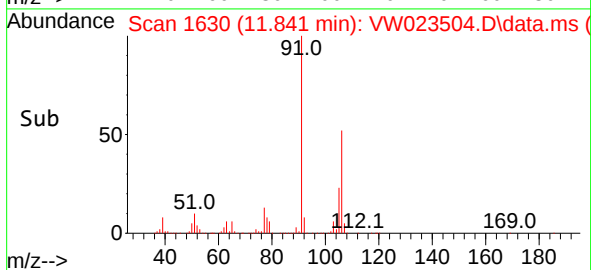
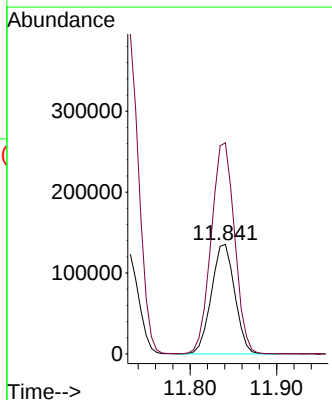
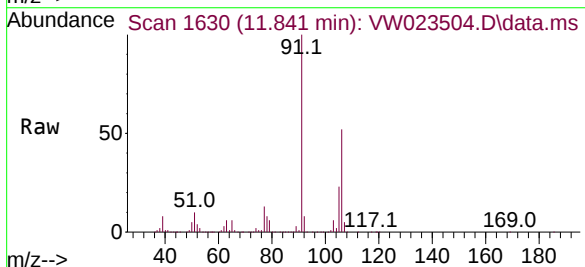
Instrument :
MSVOA_W
ClientSampleId :
VSTD025577

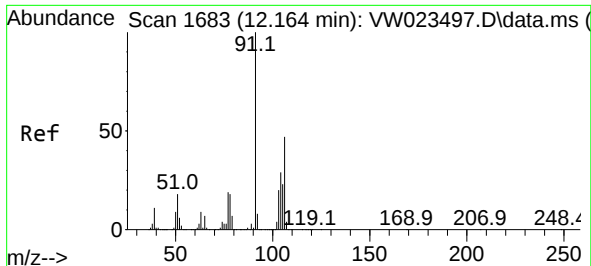
Tgt Ion: 91 Resp: 627362
Ion Ratio Lower Upper
91 100
106 31.2 22.3 41.3



#53
m,p-Xylene
Concen: 24.523 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VW023504.D
Acq: 21 Jun 2022 14:38

Tgt Ion:106 Resp: 254370
Ion Ratio Lower Upper
106 100
91 192.8 136.8 254.0

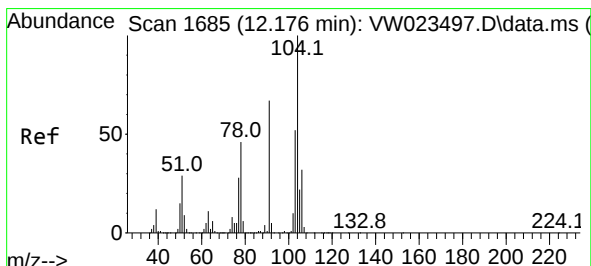
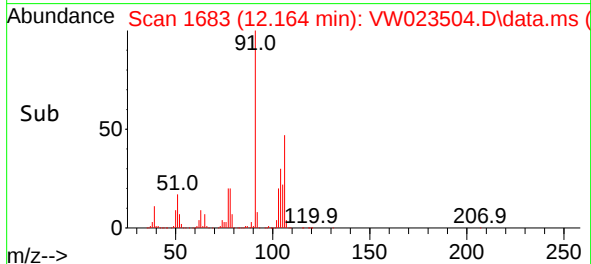
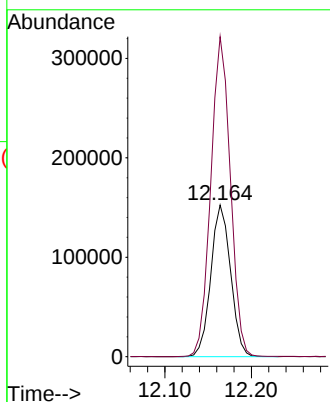
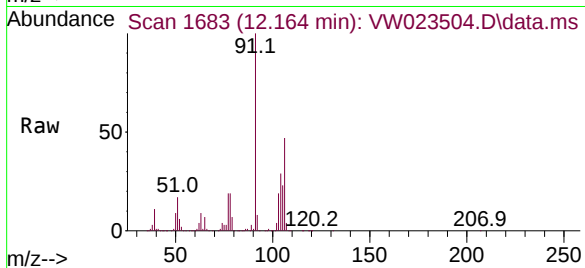




#54
o-Xylene
Concen: 24.413 ug/L
RT: 12.164 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW023504.D
Acq: 21 Jun 2022 14:38

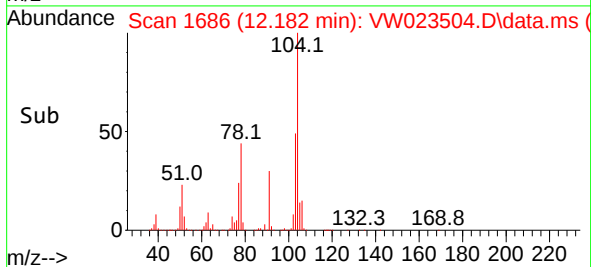
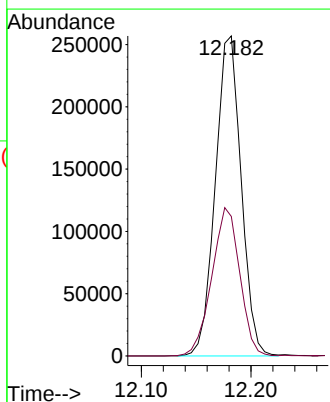
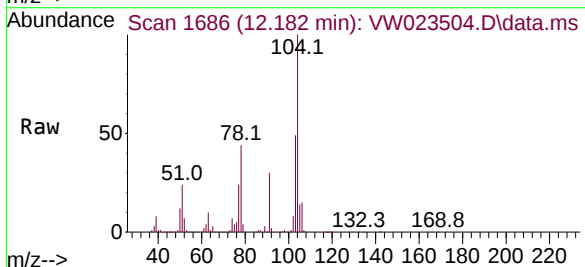
Instrument :
MSVOA_W
ClientSampleId :
VSTD025577

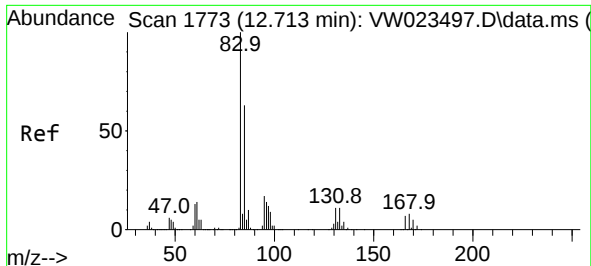
Tgt Ion:106 Resp: 241988
Ion Ratio Lower Upper
106 100
91 210.9 147.2 273.4



#55
Styrene
Concen: 24.434 ug/L
RT: 12.182 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VW023504.D
Acq: 21 Jun 2022 14:38

Tgt Ion:104 Resp: 421104
Ion Ratio Lower Upper
104 100
78 43.6 32.3 59.9





#57

1,1,2,2-Tetrachloroethane

Concen: 25.409 ug/L

RT: 12.713 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VW023504.D

Acq: 21 Jun 2022 14:38

Instrument :

MSVOA_W

ClientSampleId :

VSTD025577

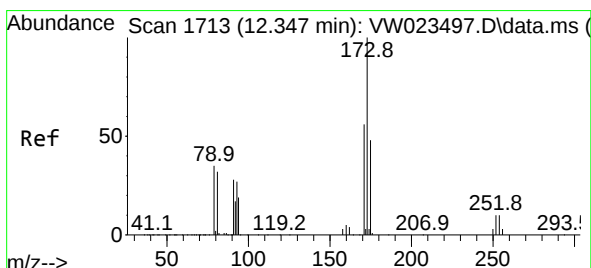
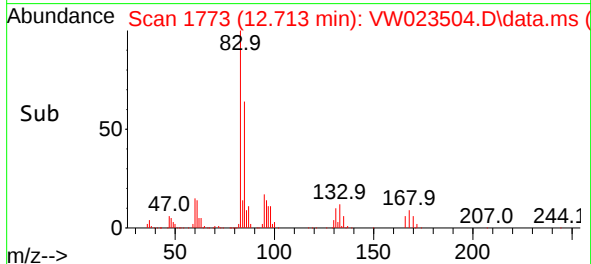
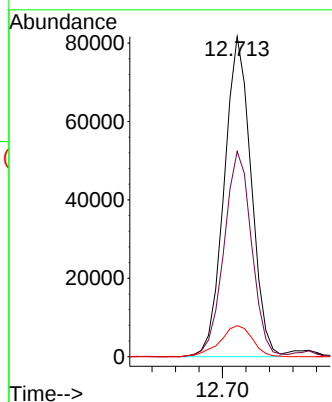
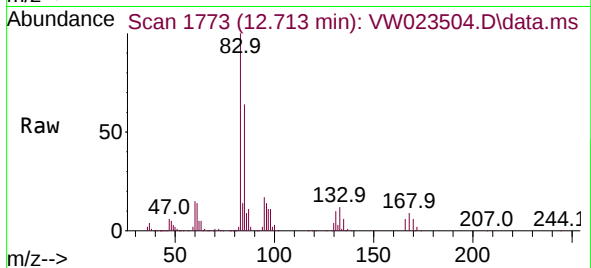
Tgt Ion: 83 Resp: 130004

Ion Ratio Lower Upper

83 100

85 64.2 47.5 88.1

131 9.7 8.7 13.1



#59

Bromoform

Concen: 25.402 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. -0.000 min

Lab File: VW023504.D

Acq: 21 Jun 2022 14:38

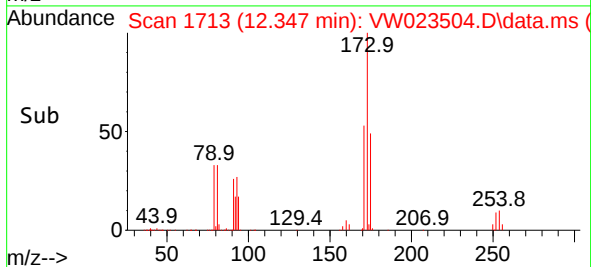
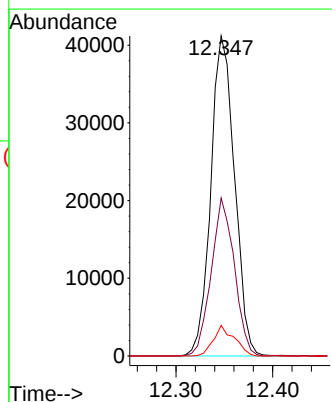
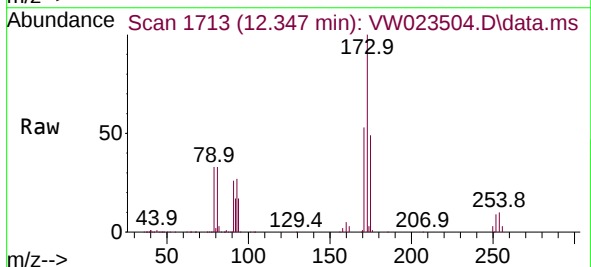
Tgt Ion: 173 Resp: 70214

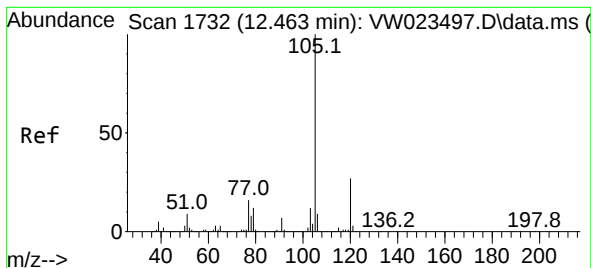
Ion Ratio Lower Upper

173 100

175 48.0 38.1 57.1

254 8.4 6.5 9.7





#60

Isopropylbenzene

Concen: 23.549 ug/L

RT: 12.463 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW023504.D

Acq: 21 Jun 2022 14:38

Instrument :

MSVOA_W

ClientSampleId :

VSTD025577

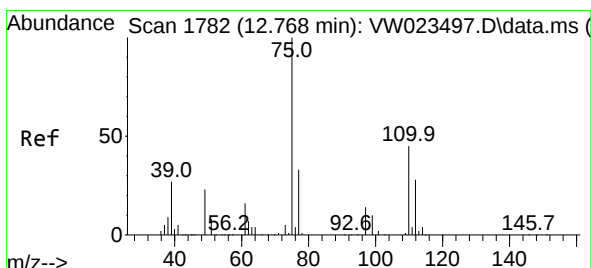
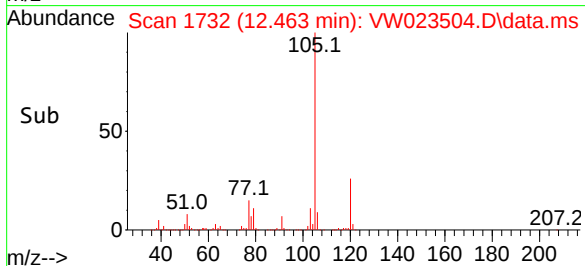
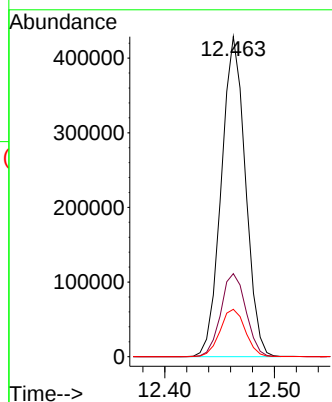
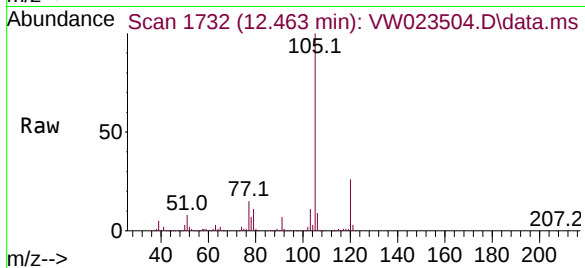
Tgt Ion:105 Resp: 655477

Ion Ratio Lower Upper

105 100

120 27.1 21.3 31.9

77 15.4 12.6 19.0



#61

1,2,3-Trichloropropane

Concen: 25.303 ug/L

RT: 12.767 min Scan# 1782

Delta R.T. -0.000 min

Lab File: VW023504.D

Acq: 21 Jun 2022 14:38

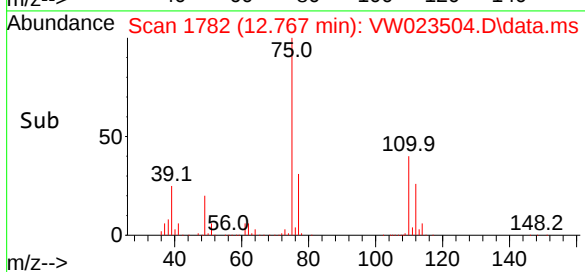
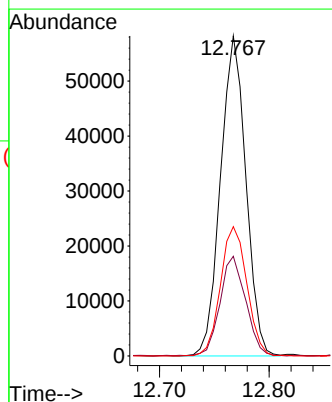
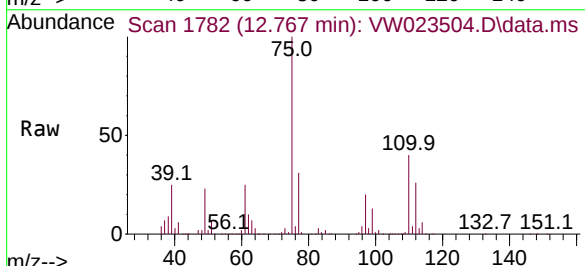
Tgt Ion: 75 Resp: 93624

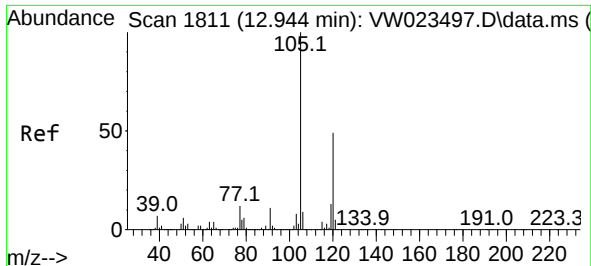
Ion Ratio Lower Upper

75 100

77 31.5 26.2 39.2

110 41.9 34.1 51.1





#62

1,3,5-Trimethylbenzene

Concen: 24.010 ug/L

RT: 12.938 min Scan# 1810

Delta R.T. -0.006 min

Lab File: VW023504.D

Acq: 21 Jun 2022 14:38

Instrument :

MSVOA_W

ClientSampleId :

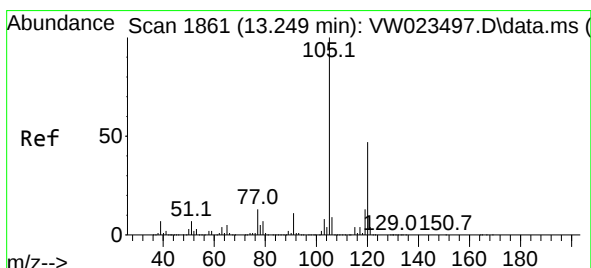
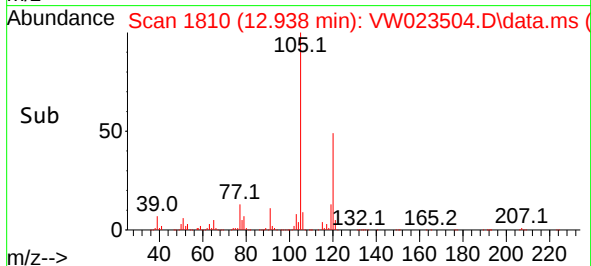
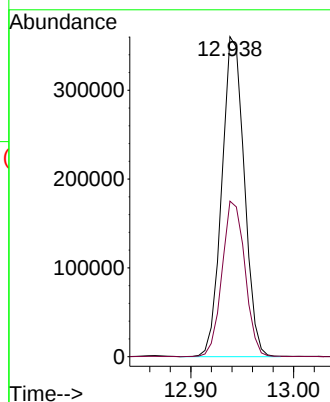
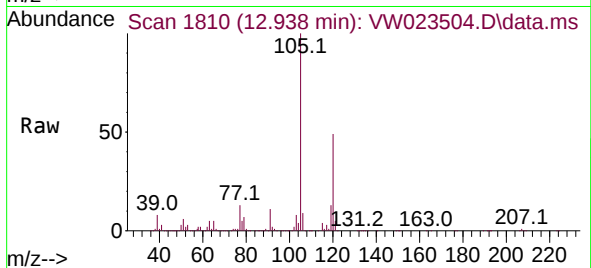
VSTD025577

Tgt Ion:105 Resp: 546584

Ion Ratio Lower Upper

105 100

120 49.5 38.9 58.3



#63

1,2,4-Trimethylbenzene

Concen: 23.988 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. -0.000 min

Lab File: VW023504.D

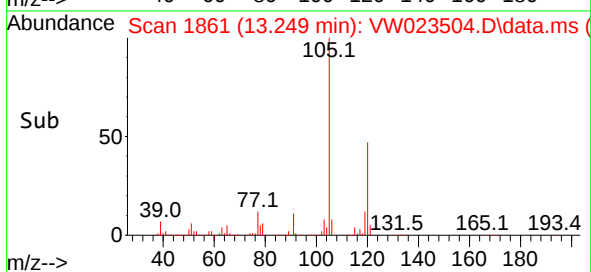
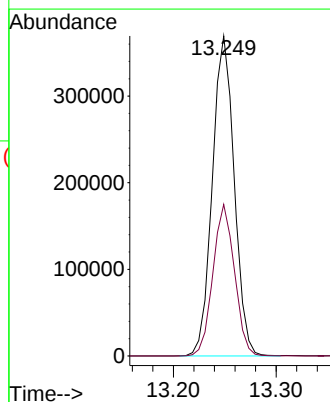
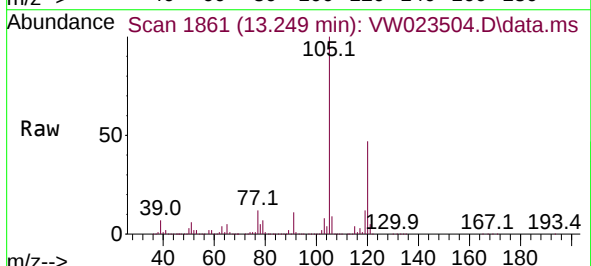
Acq: 21 Jun 2022 14:38

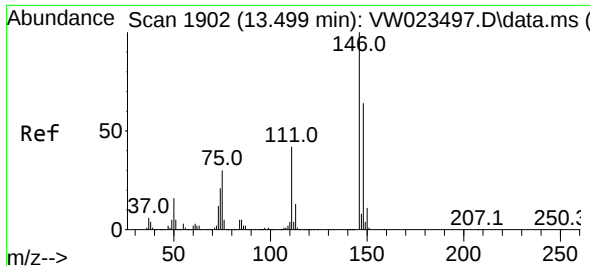
Tgt Ion:105 Resp: 546492

Ion Ratio Lower Upper

105 100

120 46.6 37.4 56.2

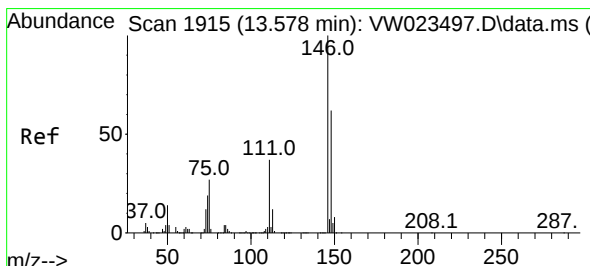
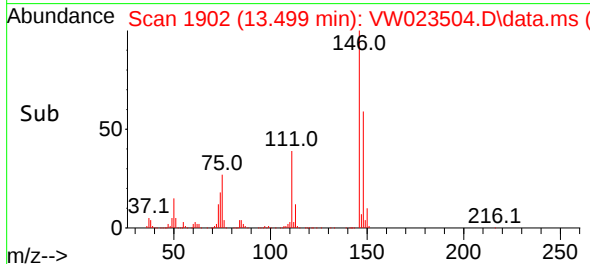
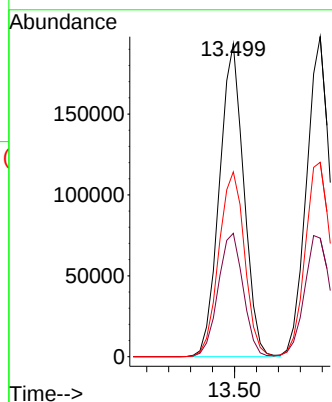
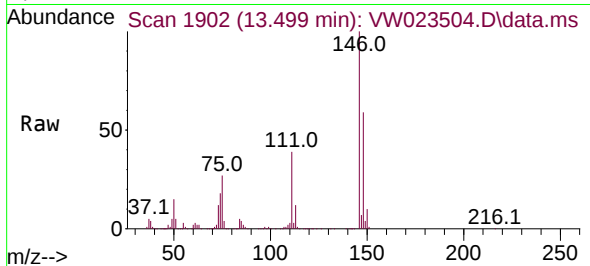




#64
1,3-Dichlorobenzene
Concen: 24.208 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VW023504.D
Acq: 21 Jun 2022 14:38

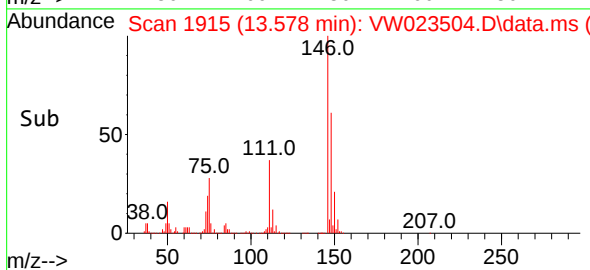
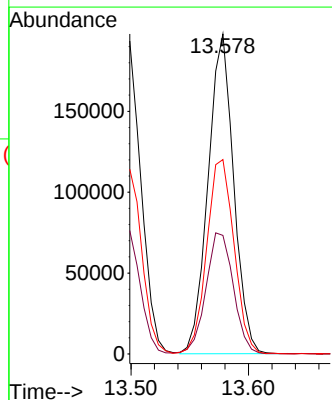
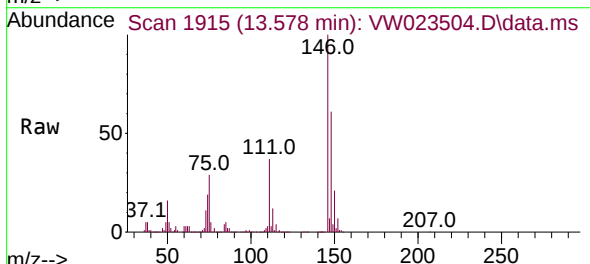
Instrument :
MSVOA_W
ClientSampleId :
VSTD025577

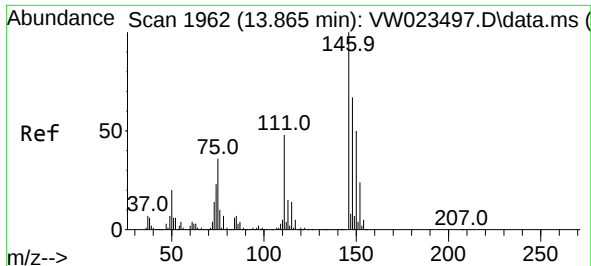
Tgt Ion:146 Resp: 298930
Ion Ratio Lower Upper
146 100
111 39.4 29.5 54.9
148 59.0 48.6 90.2



#65
1,4-Dichlorobenzene
Concen: 23.734 ug/L
RT: 13.578 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VW023504.D
Acq: 21 Jun 2022 14:38

Tgt Ion:146 Resp: 299262
Ion Ratio Lower Upper
146 100
111 37.0 27.2 50.4
148 60.8 44.0 81.6





#67

1,2-Dichlorobenzene

Concen: 24.384 ug/L

RT: 13.871 min Scan# 1962

Delta R.T. 0.006 min

Lab File: VW023504.D

Acq: 21 Jun 2022 14:38

Instrument :

MSVOA_W

ClientSampleId :

VSTD025577

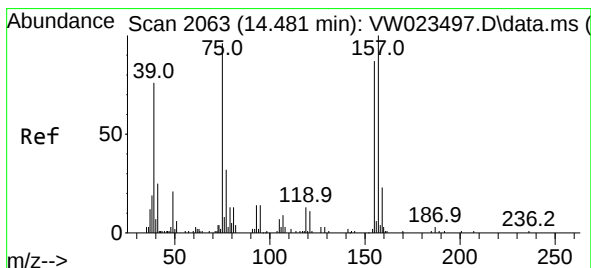
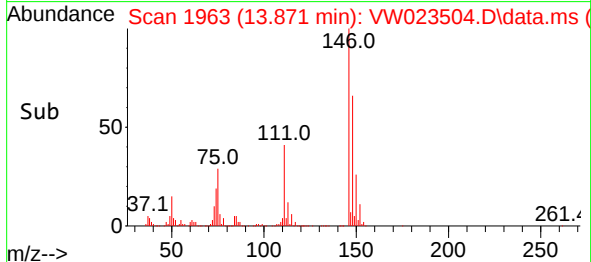
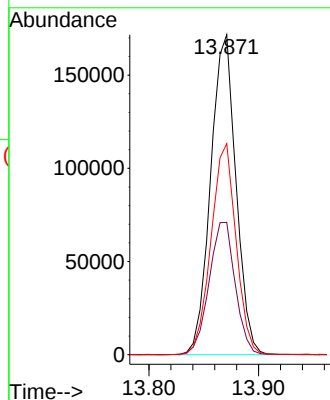
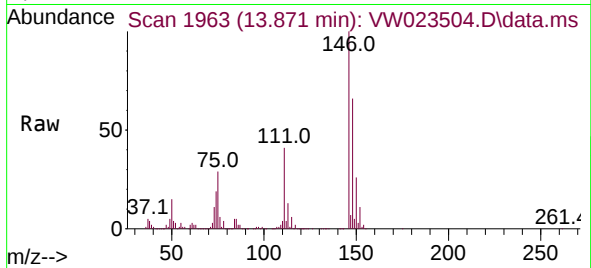
Tgt Ion:146 Resp: 275786

Ion Ratio Lower Upper

146 100

111 41.4 35.7 53.5

148 66.0 52.6 79.0



#68

1,2-Dibromo-3-chloropropane

Concen: 23.286 ug/L

RT: 14.480 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW023504.D

Acq: 21 Jun 2022 14:38

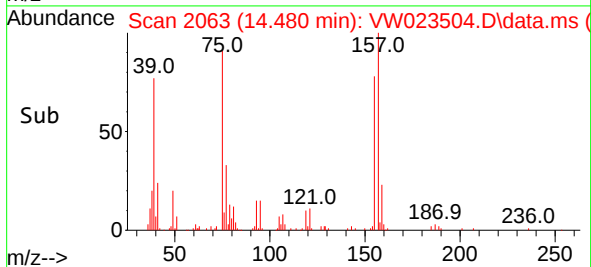
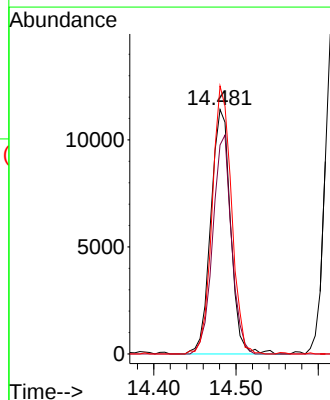
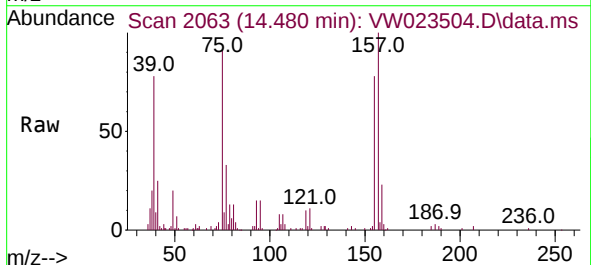
Tgt Ion: 75 Resp: 19025

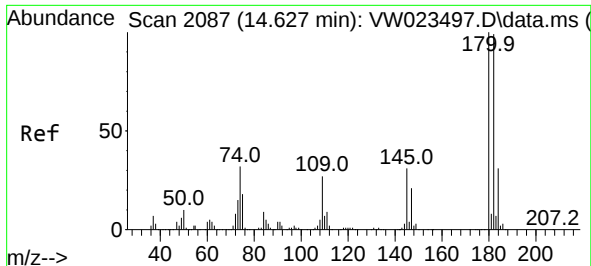
Ion Ratio Lower Upper

75 100

155 85.5 59.3 88.9

157 109.6 89.8 134.8

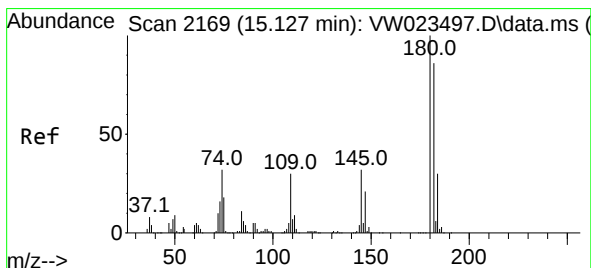
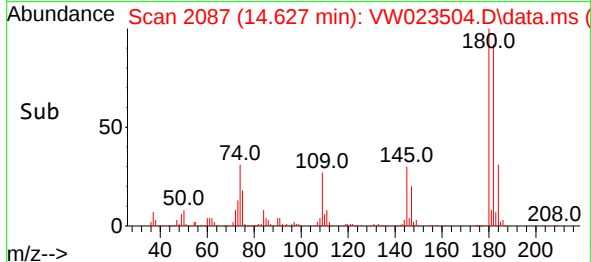
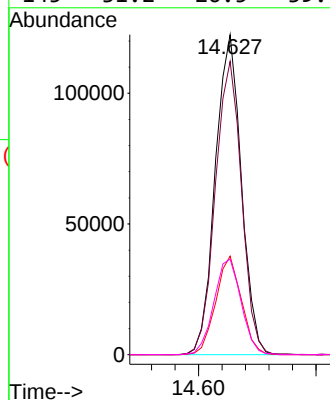
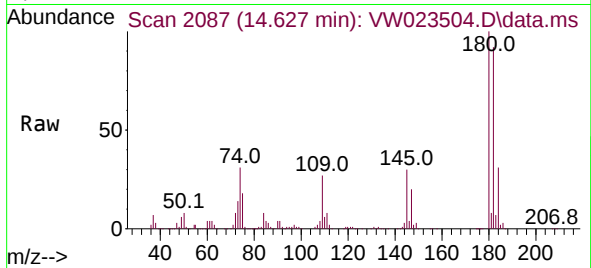




#69
 1,3,5-Trichlorobenzene
 Concen: 23.385 ug/L
 RT: 14.627 min Scan# 2087
 Delta R.T. -0.000 min
 Lab File: VW023504.D
 Acq: 21 Jun 2022 14:38

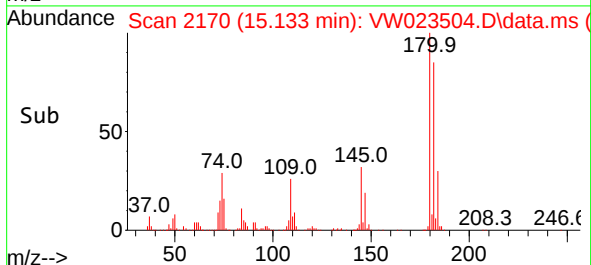
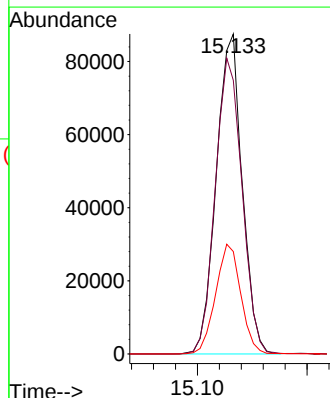
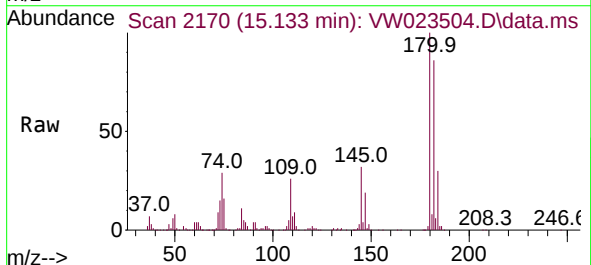
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025577

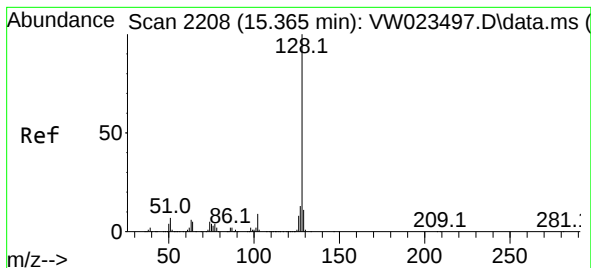
Tgt Ion:	180	Resp:	188686
Ion Ratio	Lower	Upper	
180	100		
182	92.4	74.8	112.2
184	30.3	23.4	35.2
145	31.2	26.5	39.7



#70
 1,2,4-trichlorobenzene
 Concen: 22.906 ug/L
 RT: 15.133 min Scan# 2170
 Delta R.T. 0.006 min
 Lab File: VW023504.D
 Acq: 21 Jun 2022 14:38

Tgt Ion:	180	Resp:	143916
Ion Ratio	Lower	Upper	
180	100		
182	95.4	74.9	112.3
145	33.4	26.6	39.8





#71

Naphthalene

Concen: 25.782 ug/L

RT: 15.364 min Scan# 21

Delta R.T. -0.000 min

Lab File: VW023504.D

Acq: 21 Jun 2022 14:38

Instrument :

MSVOA_W

ClientSampleId :

VSTD025577

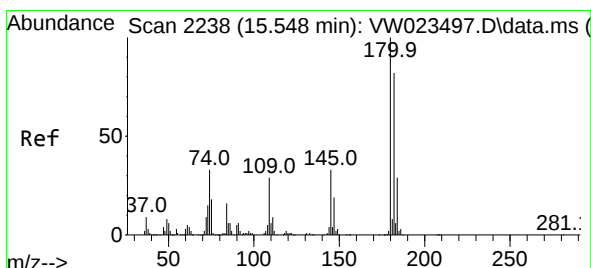
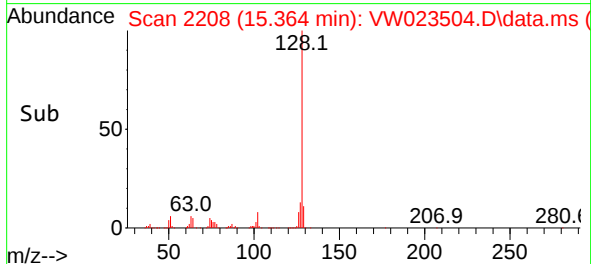
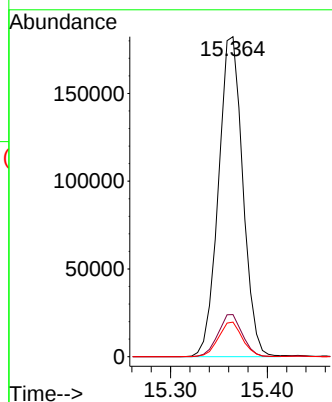
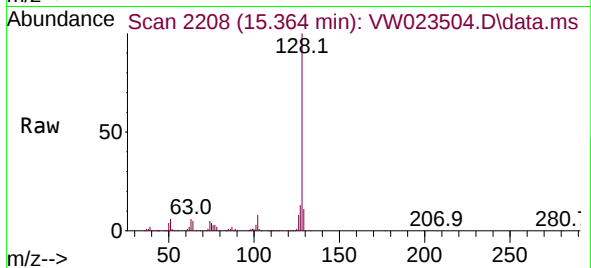
Tgt Ion:128 Resp: 318658

Ion Ratio Lower Upper

128 100

127 13.1 10.6 16.0

129 10.7 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 24.236 ug/L

RT: 15.553 min Scan# 2239

Delta R.T. 0.006 min

Lab File: VW023504.D

Acq: 21 Jun 2022 14:38

Tgt Ion:180 Resp: 132376

Ion Ratio Lower Upper

180 100

182 90.7 73.5 110.3

145 35.7 27.9 41.9

