

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052722\
 Data File : VW023360.D
 Acq On : 27 May 2022 09:14
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025556

Quant Time: May 27 21:54:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri May 27 00:22:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	348635	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	349410	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	200426	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	122821	17.171	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.680%
7) Chloroethane-d5	2.879	69	85181	18.305	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.200%
11) 1,1-Dichloroethene-d2	4.019	63	180993	19.583	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	78.320%
21) 2-Butanone-d5	7.080	46	60132	44.216	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.440%
24) Chloroform-d	7.647	84	230697	22.586	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.360%
26) 1,2-Dichloroethane-d4	8.305	65	122492	21.865	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.480%
32) Benzene-d6	8.269	84	429987	21.350	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.400%
36) 1,2-Dichloropropane-d6	9.274	67	128673	22.745	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.960%
41) Toluene-d8	10.323	98	420606	21.619	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.480%
43) trans-1,3-Dichloroprop...	10.573	79	57283	21.991	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.960%
47) 2-Hexanone-d5	10.921	63	47623	44.097	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.200%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	122433	23.219	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.880%
66) 1,2-Dichlorobenzene-d4	13.853	152	160962	22.974	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.880%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.001	85	42760	22.499	ug/L	93
3) Chloromethane	2.209	50	114757	31.247	ug/L	100
5) Vinyl chloride	2.355	62	173347	23.519	ug/L	99
6) Bromomethane	2.770	94	83639	17.674	ug/L	97
8) Chloroethane	2.916	64	83061	23.365	ug/L	100
9) Trichlorofluoromethane	3.251	101	77945	23.138	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	129560	25.721	ug/L	96
12) 1,1-Dichloroethene	4.038	96	112419	25.176	ug/L	87
13) Acetone	4.123	43	41597	40.854	ug/L	100
14) Carbon disulfide	4.379	76	285085	23.288	ug/L	99
15) Methyl Acetate	4.666	43	48003	23.467	ug/L	100
16) Methylene chloride	4.909	84	125283	24.558	ug/L	96
17) trans-1,2-Dichloroethene	5.428	96	126412	25.157	ug/L	95
18) Methyl tert-butyl Ether	5.422	73	205450	26.783	ug/L	100
19) 1,1-Dichloroethane	6.214	63	224401	26.349	ug/L	99
20) cis-1,2-Dichloroethene	7.165	96	140562	26.043	ug/L #	98
22) 2-Butanone	7.171	43	66969	47.031	ug/L	99
23) Bromochloromethane	7.507	128	66853	26.449	ug/L	96
25) Chloroform	7.671	83	253933	26.965	ug/L	99

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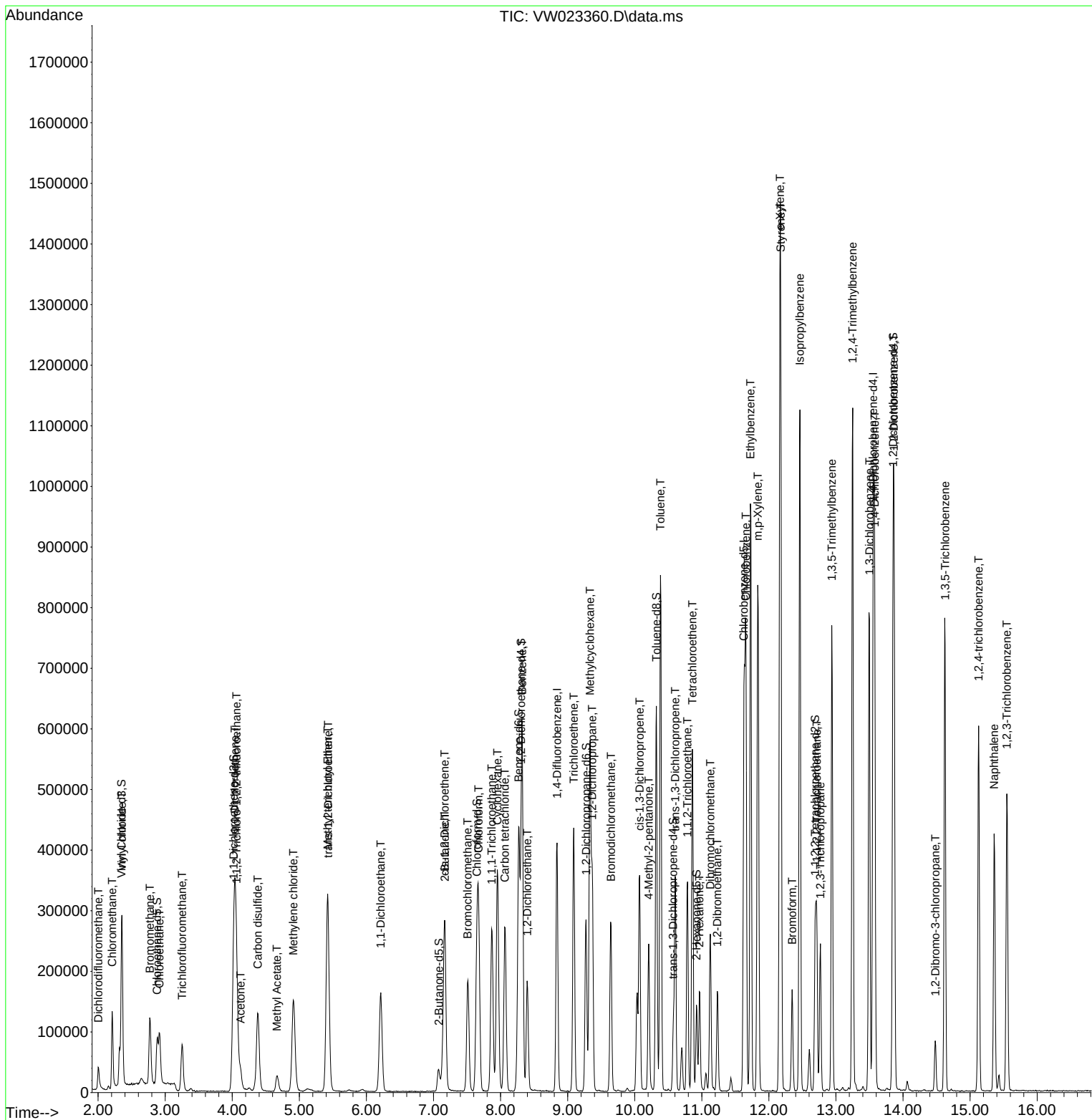
Instrument :
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 ClientSampleId :
 VSTD025556

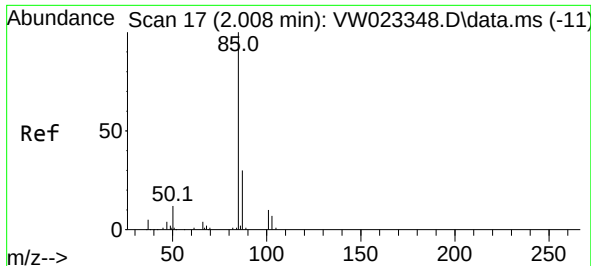
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 Quant Title : SFAM01.0
 QLast Update : Fri May 27 00:22:20 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	161527	25.732	ug/L	98
29) Cyclohexane	7.952	56	193568	25.616	ug/L	99
30) 1,1,1-Trichloroethane	7.866	97	216280	26.193	ug/L	98
31) Carbon tetrachloride	8.061	117	203473	26.343	ug/L	100
33) Benzene	8.323	78	535879	26.034	ug/L	100
34) Trichloroethene	9.092	95	147542	26.064	ug/L	100
35) Methylcyclohexane	9.335	83	243185	26.150	ug/L	99
37) 1,2-Dichloropropane	9.366	63	130597	26.218	ug/L	100
38) Bromodichloromethane	9.646	83	181636	25.672	ug/L	96
39) cis-1,3-Dichloropropene	10.073	75	205764	26.640	ug/L	97
40) 4-Methyl-2-pentanone	10.207	43	148233	47.213	ug/L	98
42) Toluene	10.384	91	618567	26.815	ug/L	98
44) trans-1,3-Dichloropropene	10.604	75	187236	27.159	ug/L	97
45) 1,1,2-Trichloroethane	10.786	97	108026	25.942	ug/L	98
46) Tetrachloroethene	10.860	164	116702	27.432	ug/L	91
48) 2-Hexanone	10.963	43	100225	47.777	ug/L	98
49) Dibromochloromethane	11.128	129	134222	26.781	ug/L	99
50) 1,2-Dibromoethane	11.231	107	105624	25.261	ug/L #	96
51) Chlorobenzene	11.658	112	405712	26.678	ug/L	98
52) Ethylbenzene	11.725	91	691123	26.930	ug/L	98
53) m,p-Xylene	11.835	106	275444	27.239	ug/L	97
54) o-Xylene	12.164	106	270198	27.845	ug/L	99
55) Styrene	12.176	104	460408	27.922	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	128655	24.736	ug/L	100
59) Bromoform	12.347	173	70532	24.832	ug/L	99
60) Isopropylbenzene	12.463	105	721728	26.285	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	92808	23.175	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	402081	26.322	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	604039	26.335	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	330530	26.962	ug/L	93
65) 1,4-Dichlorobenzene	13.579	146	332458	26.256	ug/L	97
67) 1,2-Dichlorobenzene	13.865	146	299407	26.690	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	19629	22.427	ug/L	92
69) 1,3,5-Trichlorobenzene	14.627	180	224743	27.619	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	171510	26.202	ug/L	95
71) Naphthalene	15.359	128	358002	25.163	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	157844	27.207	ug/L	97

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

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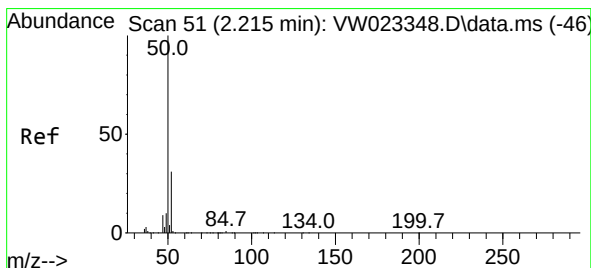
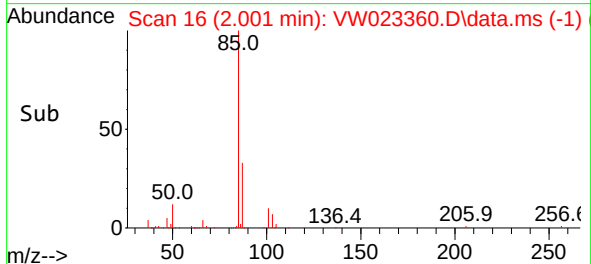
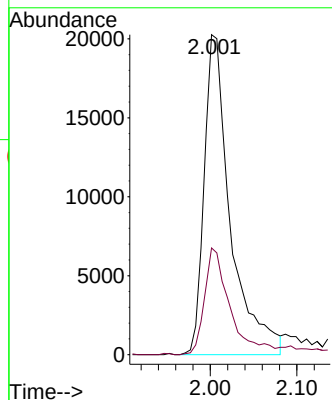
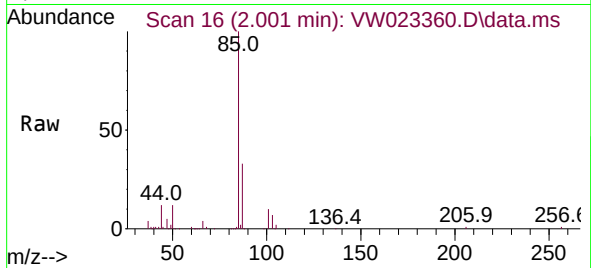




#2
Dichlorodifluoromethane
Concen: 22.499 ug/L
RT: 2.001 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW023360.D
Acq: 27 May 2022 09:14

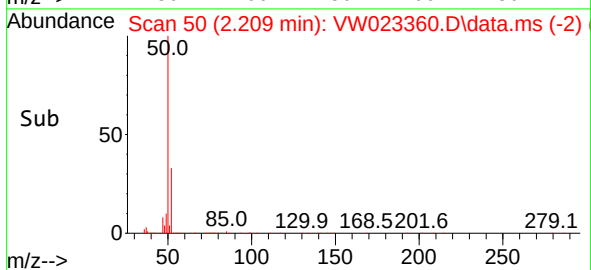
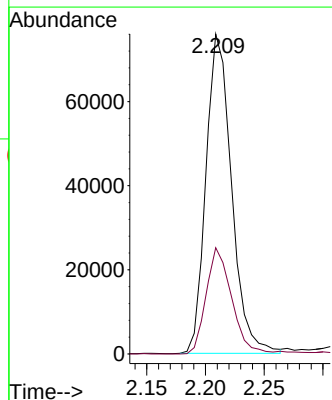
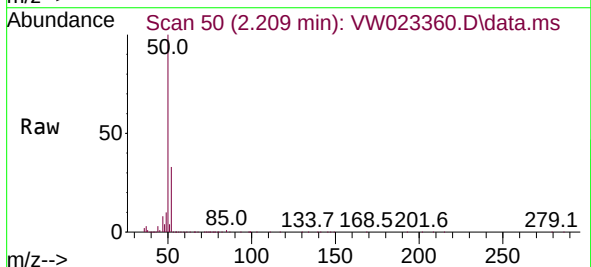
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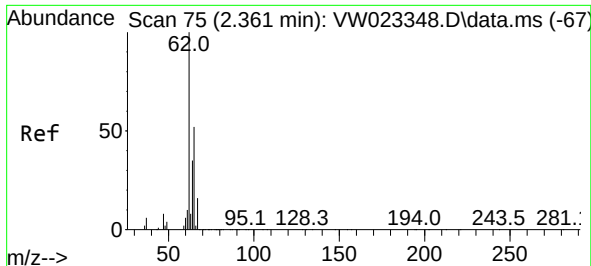
Tgt Ion: 85 Resp: 42760
Ion Ratio Lower Upper
85 100
87 30.8 27.8 41.8



#3
Chloromethane
Concen: 31.247 ug/L
RT: 2.209 min Scan# 50
Delta R.T. -0.006 min
Lab File: VW023360.D
Acq: 27 May 2022 09:14

Tgt Ion: 50 Resp: 114757
Ion Ratio Lower Upper
50 100
52 33.2 23.1 42.9

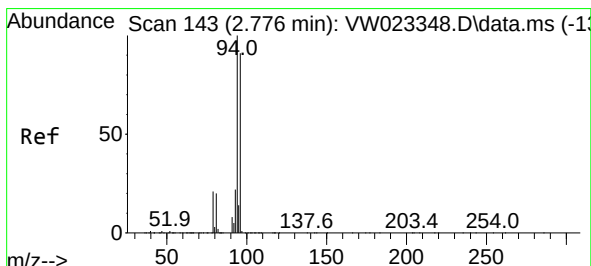
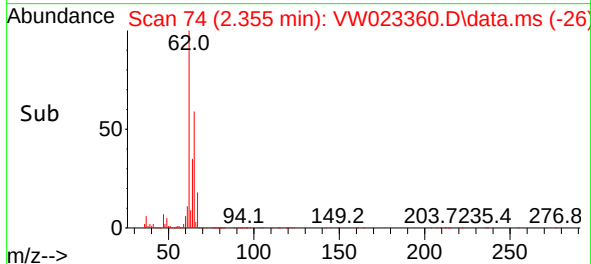
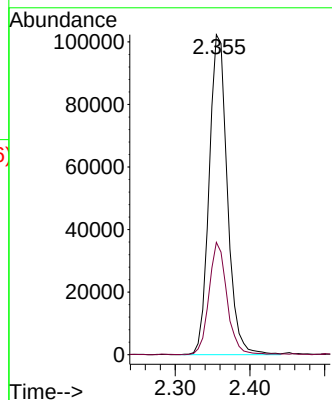
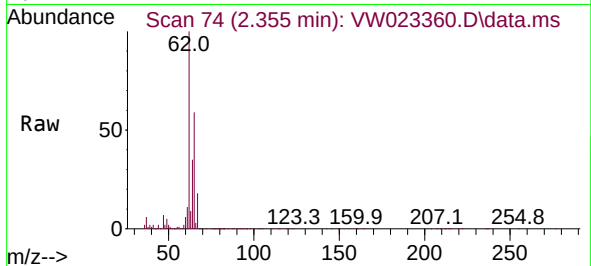




#5
 Vinyl chloride
 Concen: 23.519 ug/L
 RT: 2.355 min Scan# 74
 Delta R.T. -0.006 min
 Lab File: VW023360.D
 Acq: 27 May 2022 09:14

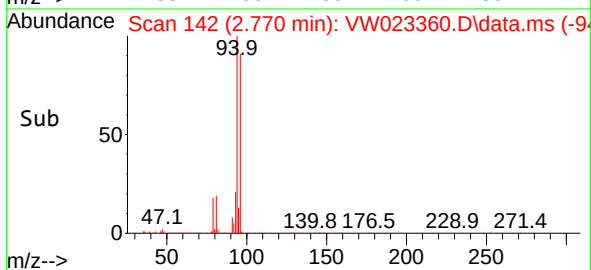
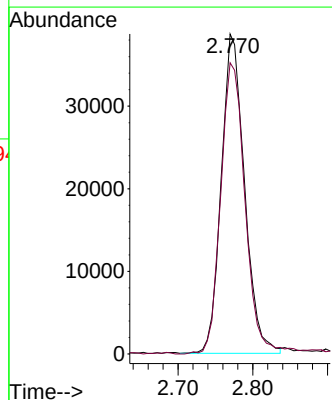
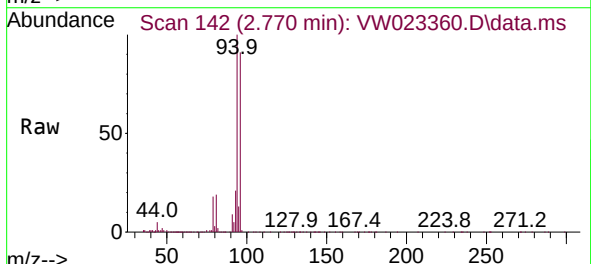
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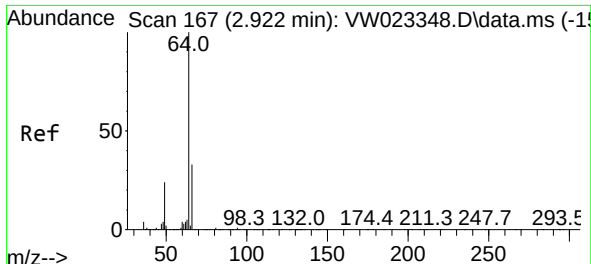
Tgt Ion: 62 Resp: 173347
 Ion Ratio Lower Upper
 62 100
 64 35.1 24.9 46.3



#6
 Bromomethane
 Concen: 17.674 ug/L
 RT: 2.770 min Scan# 142
 Delta R.T. -0.006 min
 Lab File: VW023360.D
 Acq: 27 May 2022 09:14

Tgt Ion: 94 Resp: 83639
 Ion Ratio Lower Upper
 94 100
 96 91.0 61.7 114.5

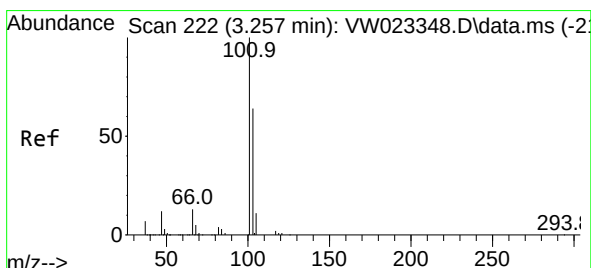
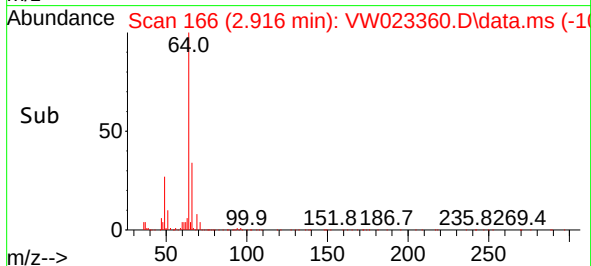
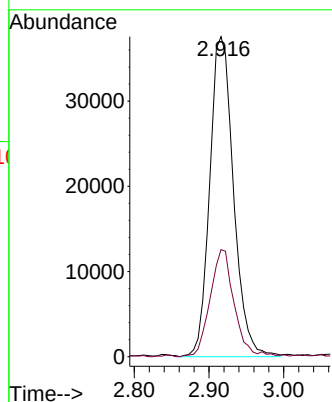
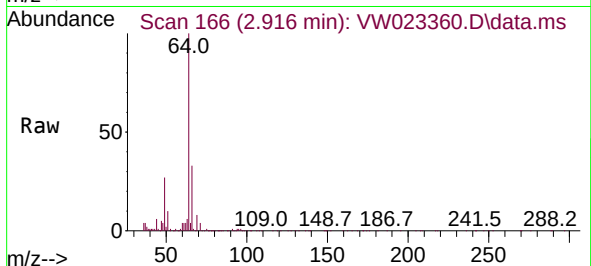




#8
Chloroethane
Concen: 23.365 ug/L
RT: 2.916 min Scan# 166
Delta R.T. -0.006 min
Lab File: VW023360.D
Acq: 27 May 2022 09:14

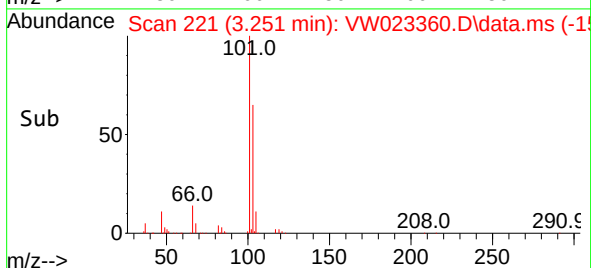
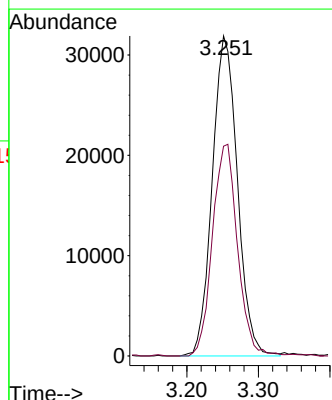
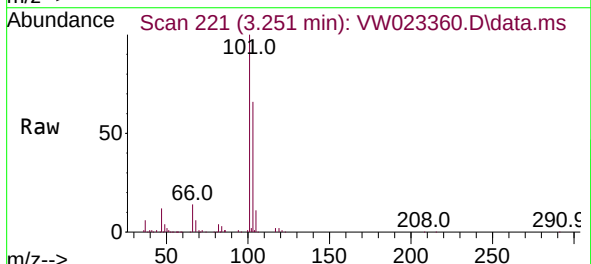
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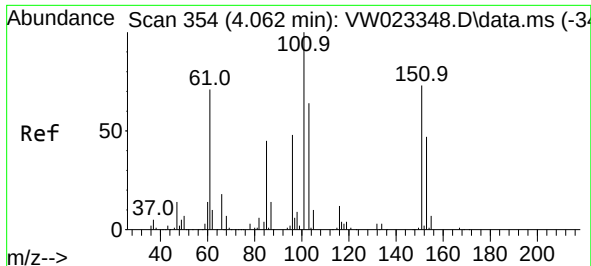
Tgt Ion: 64 Resp: 83061
Ion Ratio Lower Upper
64 100
66 33.5 23.4 43.6



#9
Trichlorofluoromethane
Concen: 23.138 ug/L
RT: 3.251 min Scan# 221
Delta R.T. -0.006 min
Lab File: VW023360.D
Acq: 27 May 2022 09:14

Tgt Ion: 101 Resp: 77945
Ion Ratio Lower Upper
101 100
103 65.6 53.9 80.9

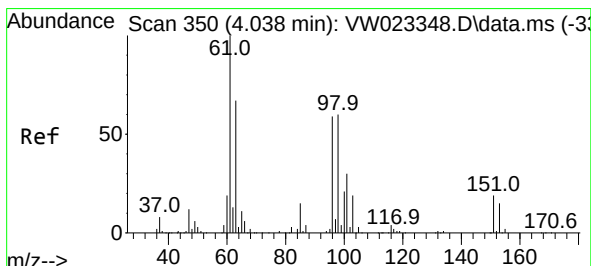
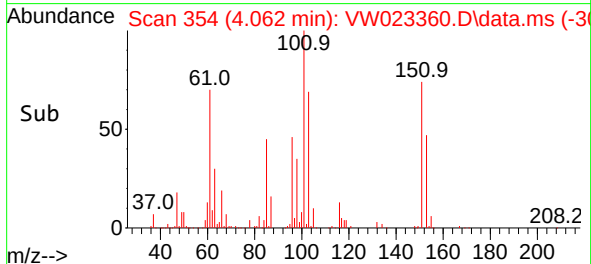
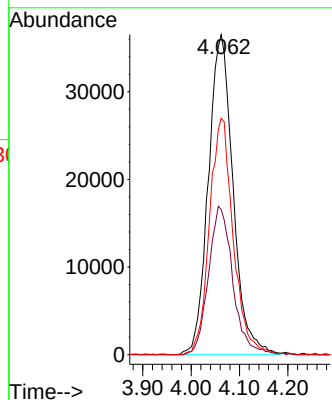
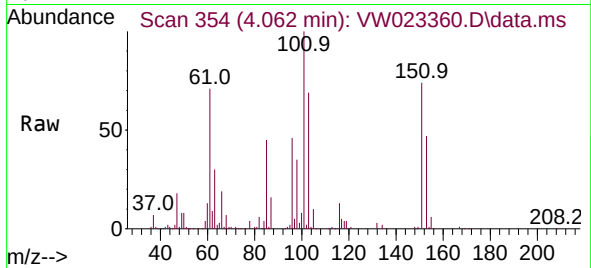




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 25.721 ug/L
 RT: 4.062 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VW023360.D
 Acq: 27 May 2022 09:14

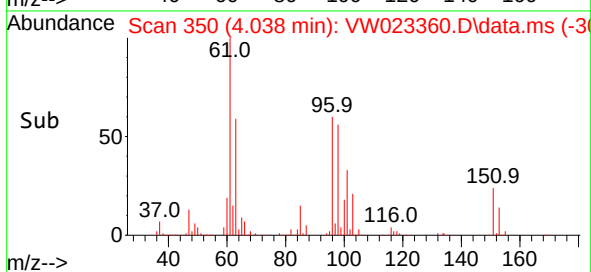
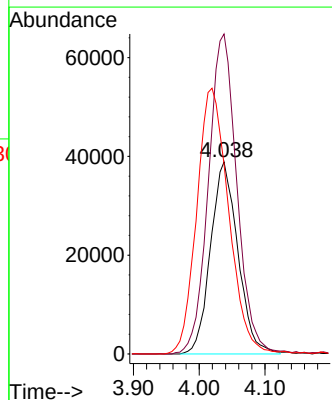
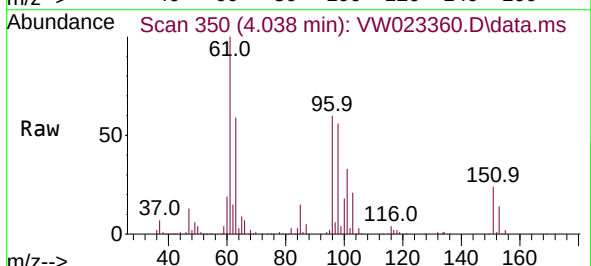
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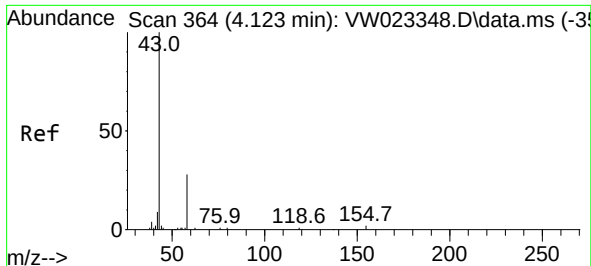
Tgt Ion:101 Resp: 129560
 Ion Ratio Lower Upper
 101 100
 85 45.4 34.3 51.5
 151 71.1 54.2 81.2



#12
 1,1-Dichloroethene
 Concen: 25.176 ug/L
 RT: 4.038 min Scan# 350
 Delta R.T. -0.000 min
 Lab File: VW023360.D
 Acq: 27 May 2022 09:14

Tgt Ion: 96 Resp: 112419
 Ion Ratio Lower Upper
 96 100
 61 166.6 125.7 233.5
 63 98.8 83.4 155.0

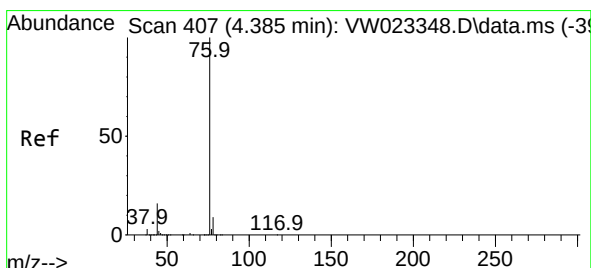
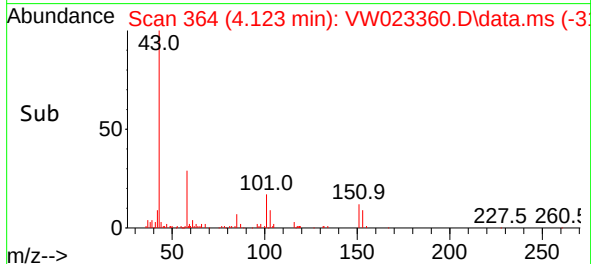
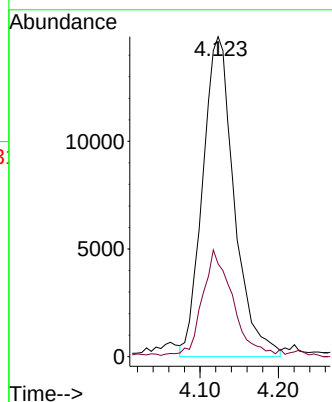
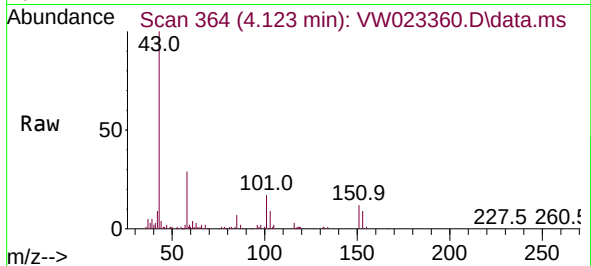




#13
Acetone
Concen: 40.854 ug/L
RT: 4.123 min Scan# 30
Delta R.T. -0.000 min
Lab File: VW023360.D
Acq: 27 May 2022 09:14

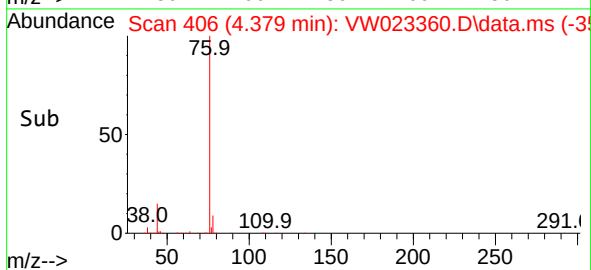
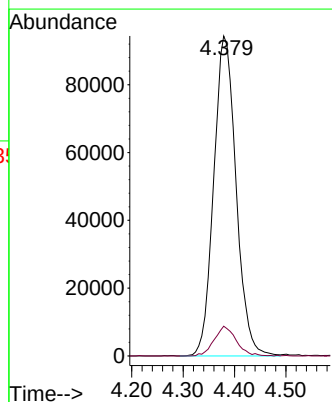
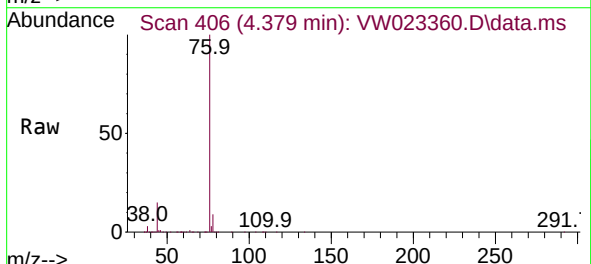
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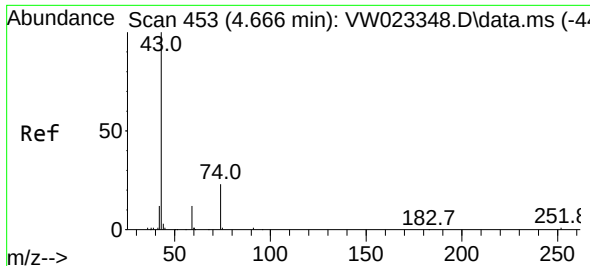
Tgt Ion: 43 Resp: 41597
Ion Ratio Lower Upper
43 100
58 32.1 0.0 64.0



#14
Carbon disulfide
Concen: 23.288 ug/L
RT: 4.379 min Scan# 406
Delta R.T. -0.006 min
Lab File: VW023360.D
Acq: 27 May 2022 09:14

Tgt Ion: 76 Resp: 285085
Ion Ratio Lower Upper
76 100
78 9.3 7.7 11.5

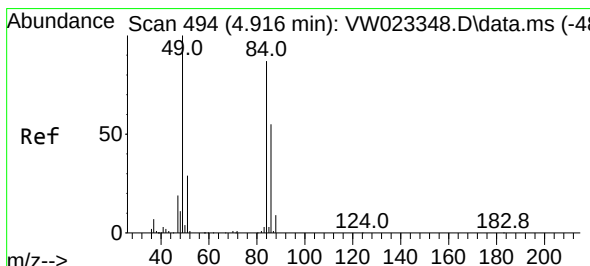
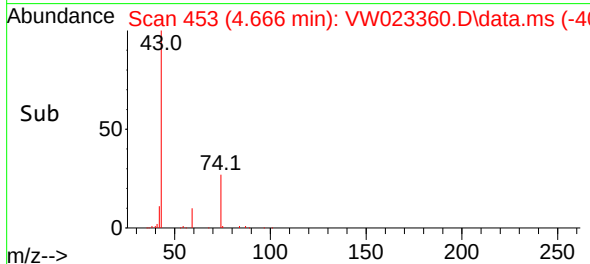
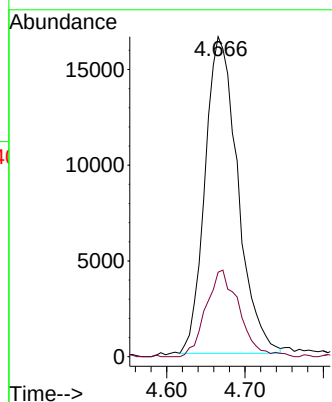
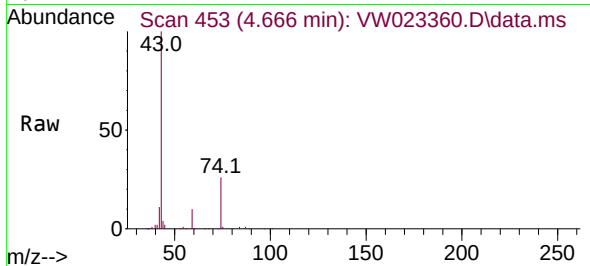




#15
Methyl Acetate
Concen: 23.467 ug/L
RT: 4.666 min Scan# 41
Delta R.T. -0.000 min
Lab File: VW023360.D
Acq: 27 May 2022 09:14

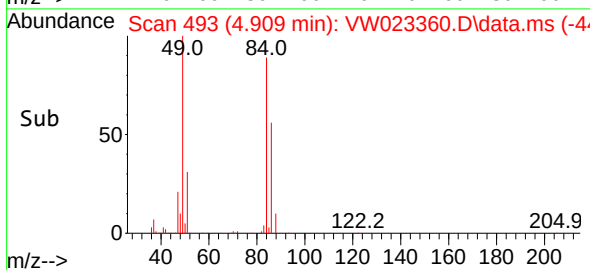
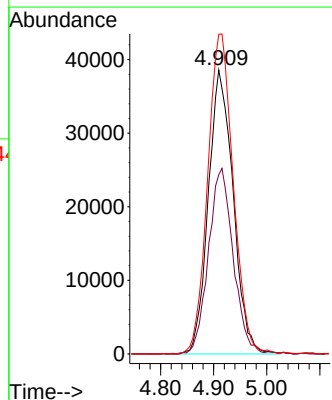
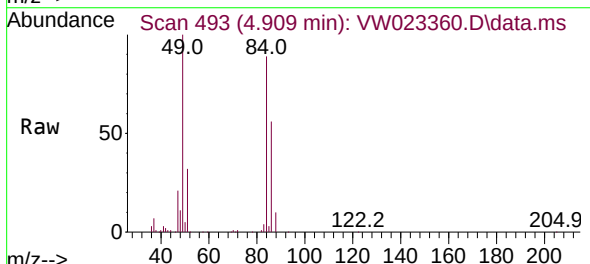
Instrument :
MSVOA_W
ClientSampleId :
VSTD025556

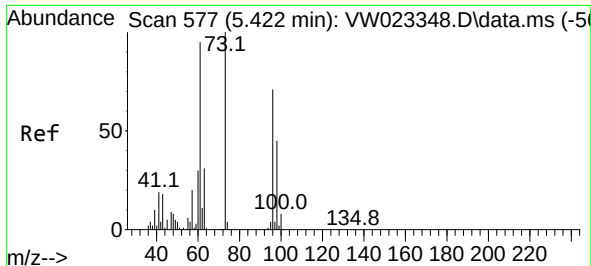
Tgt Ion: 43 Resp: 48003
Ion Ratio Lower Upper
43 100
74 27.3 21.9 32.9



#16
Methylene chloride
Concen: 24.558 ug/L
RT: 4.909 min Scan# 493
Delta R.T. -0.006 min
Lab File: VW023360.D
Acq: 27 May 2022 09:14

Tgt Ion: 84 Resp: 125283
Ion Ratio Lower Upper
84 100
86 63.1 45.4 84.4
49 112.6 82.5 153.1

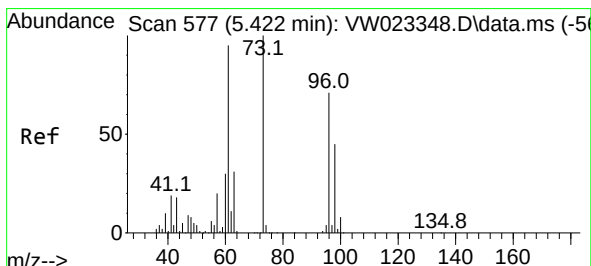
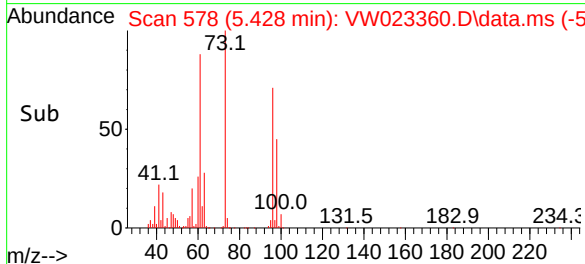
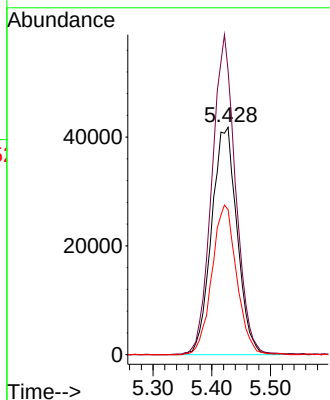
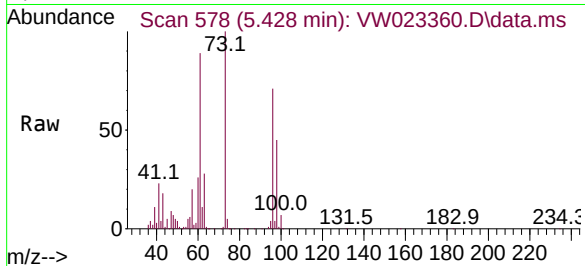




#17
trans-1,2-Dichloroethene
Concen: 25.157 ug/L
RT: 5.428 min Scan# 517
Delta R.T. 0.006 min
Lab File: VW023360.D
Acq: 27 May 2022 09:14

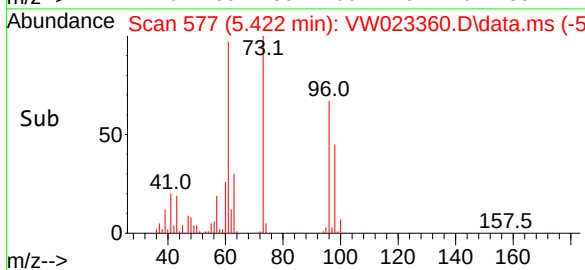
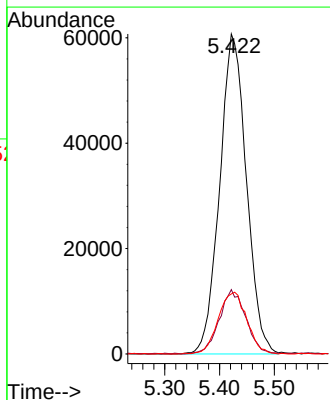
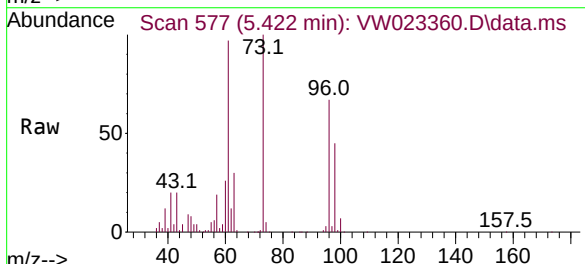
Instrument :
MSVOA_W
ClientSampleId :
VSTD025556

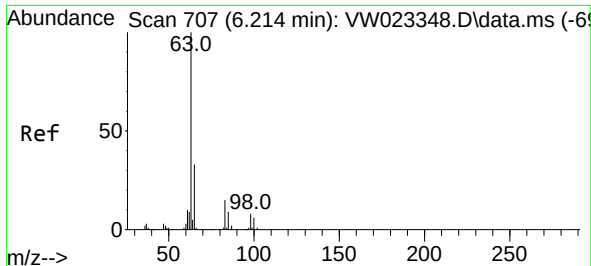
Tgt Ion: 96 Resp: 126412
Ion Ratio Lower Upper
96 100
61 124.8 92.2 171.2
98 63.8 42.9 79.7



#18
Methyl tert-butyl Ether
Concen: 26.783 ug/L
RT: 5.422 min Scan# 577
Delta R.T. -0.000 min
Lab File: VW023360.D
Acq: 27 May 2022 09:14

Tgt Ion: 73 Resp: 205450
Ion Ratio Lower Upper
73 100
43 20.1 15.9 23.9
57 20.5 16.5 24.7





#19

1,1-Dichloroethane

Concen: 26.349 ug/L

RT: 6.214 min Scan# 707

Delta R.T. -0.000 min

Lab File: VW023360.D

Acq: 27 May 2022 09:14

Instrument :

MSVOA_W

ClientSampleId :

VSTD025556

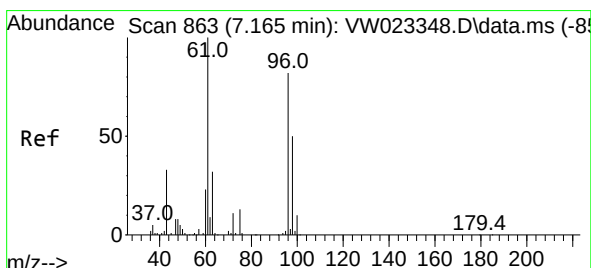
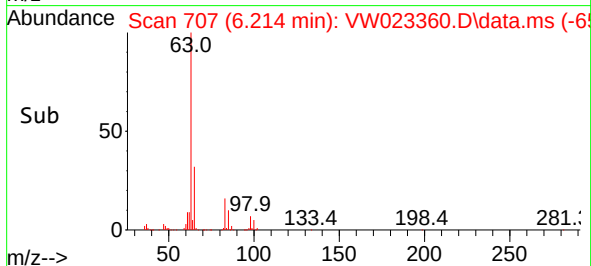
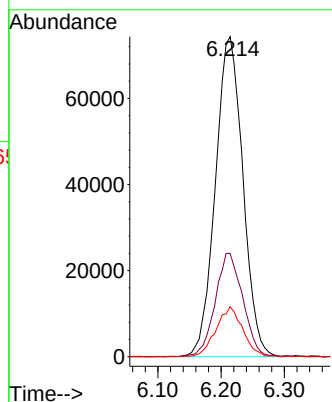
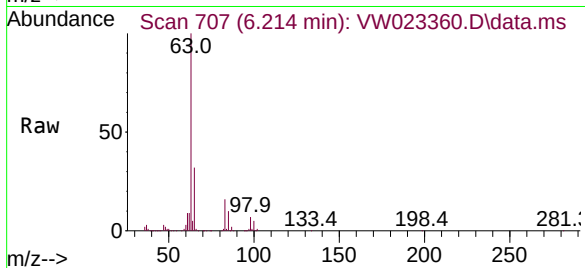
Tgt Ion: 63 Resp: 224401

Ion Ratio Lower Upper

63 100

65 32.3 23.3 43.3

83 15.6 11.1 20.5



#20

cis-1,2-Dichloroethene

Concen: 26.043 ug/L

RT: 7.165 min Scan# 863

Delta R.T. -0.000 min

Lab File: VW023360.D

Acq: 27 May 2022 09:14

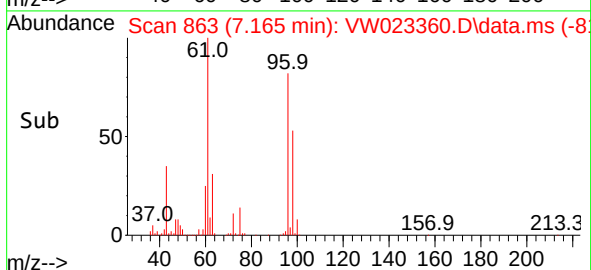
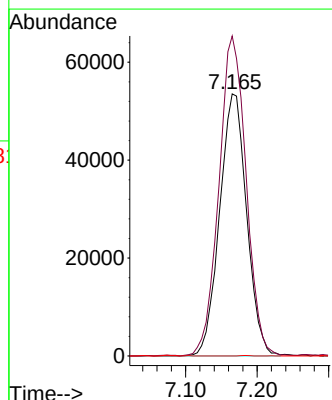
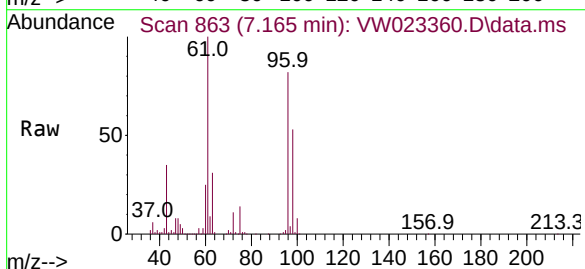
Tgt Ion: 96 Resp: 140562

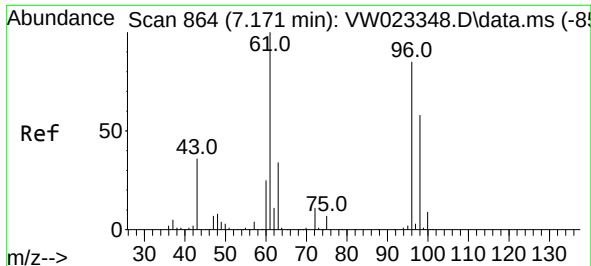
Ion Ratio Lower Upper

96 100

61 122.1 84.2 156.4

68 0.0 0.1 0.1#

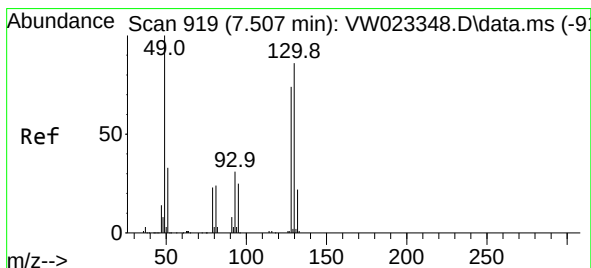
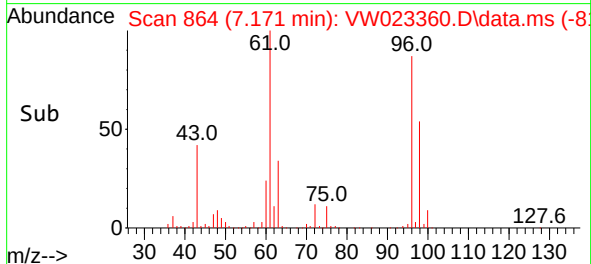
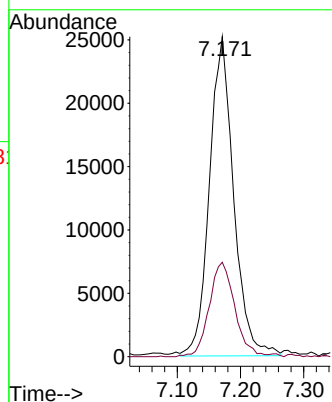
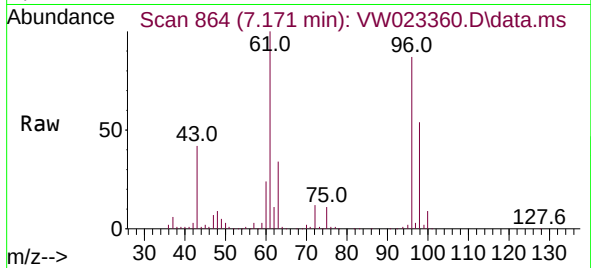




#22
2-Butanone
Concen: 47.031 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW023360.D
Acq: 27 May 2022 09:14

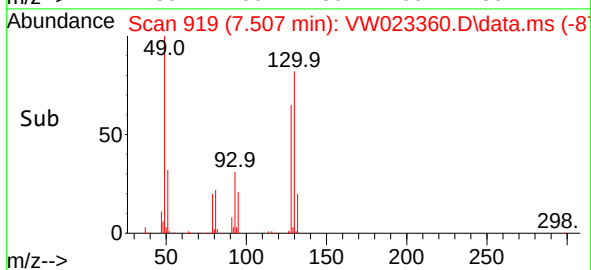
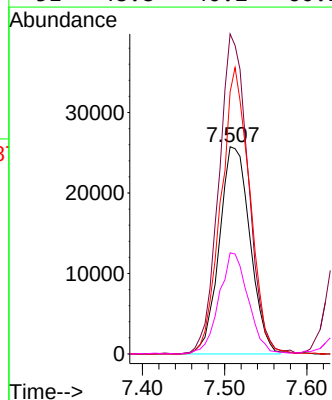
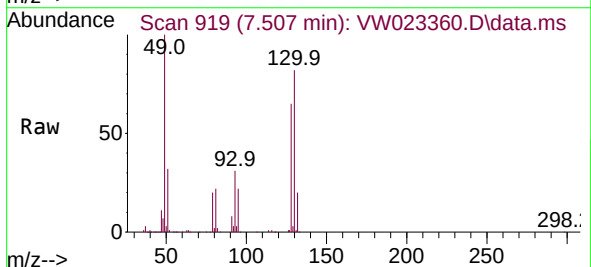
Instrument :
MSVOA_W
ClientSampleId :
VSTD025556

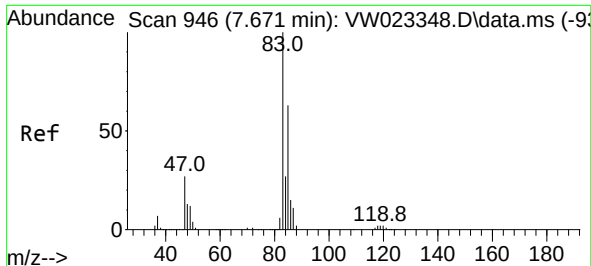
Tgt Ion: 43 Resp: 66969
Ion Ratio Lower Upper
43 100
72 31.0 15.1 45.3



#23
Bromochloromethane
Concen: 26.449 ug/L
RT: 7.507 min Scan# 919
Delta R.T. -0.000 min
Lab File: VW023360.D
Acq: 27 May 2022 09:14

Tgt Ion: 128 Resp: 66853
Ion Ratio Lower Upper
128 100
49 154.4 110.0 204.4
130 126.4 94.8 176.0
51 48.8 40.2 60.2

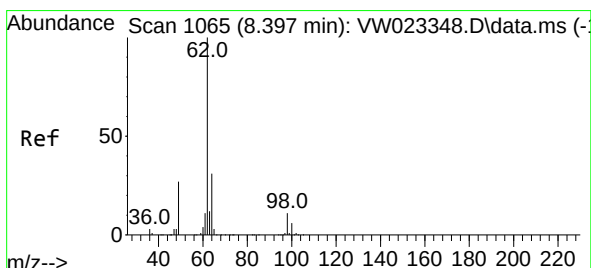
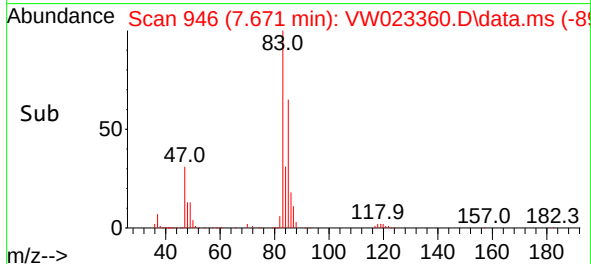
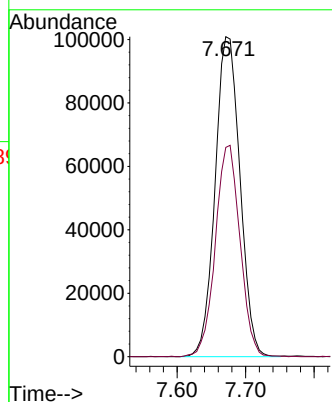
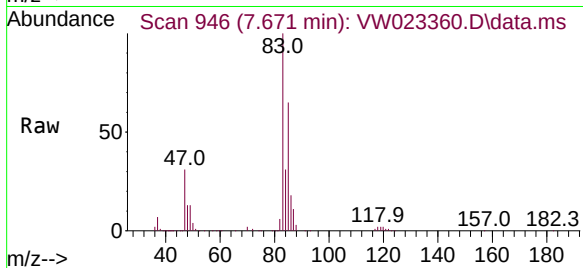




#25
Chloroform
Concen: 26.965 ug/L
RT: 7.671 min Scan# 946
Delta R.T. -0.000 min
Lab File: VW023360.D
Acq: 27 May 2022 09:14

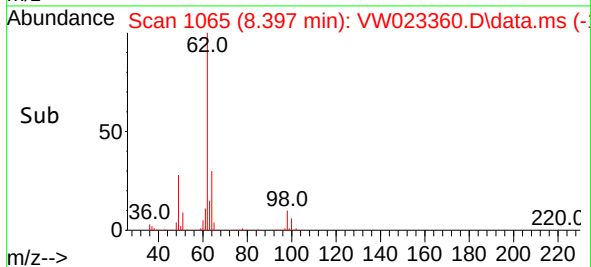
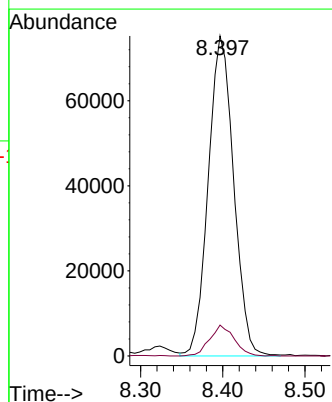
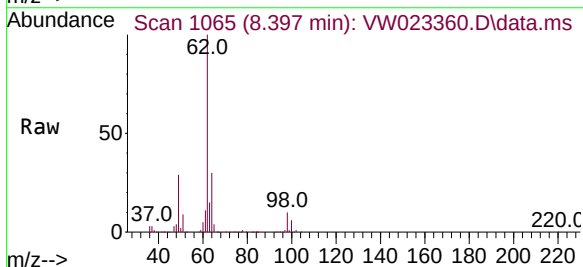
Instrument :
MSVOA_W
ClientSampleId :
VSTD025556

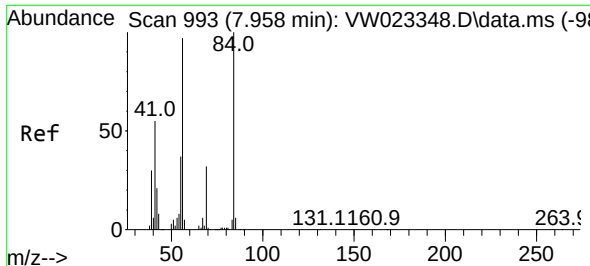
Tgt Ion: 83 Resp: 253933
Ion Ratio Lower Upper
83 100
85 65.4 46.6 86.6



#27
1,2-Dichloroethane
Concen: 25.732 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VW023360.D
Acq: 27 May 2022 09:14

Tgt Ion: 62 Resp: 161527
Ion Ratio Lower Upper
62 100
98 9.6 7.2 10.8

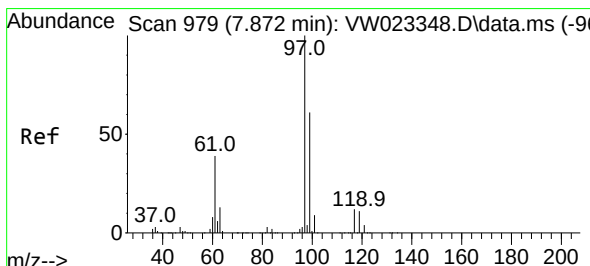
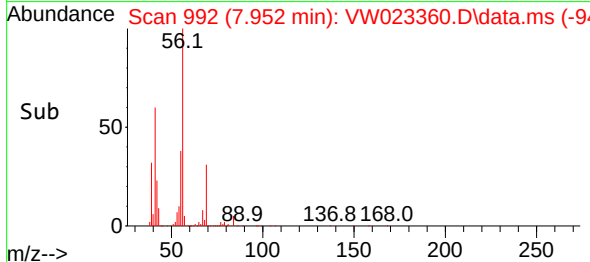
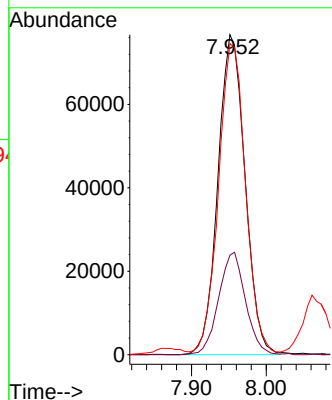
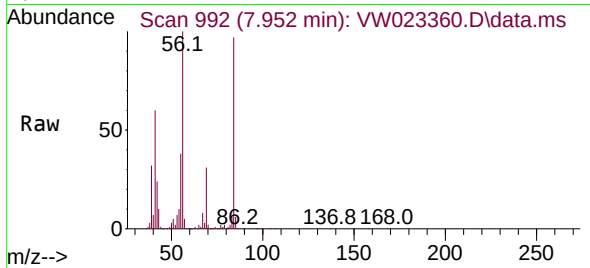




#29
Cyclohexane
Concen: 25.616 ug/L
RT: 7.952 min Scan# 992
Delta R.T. -0.006 min
Lab File: VW023360.D
Acq: 27 May 2022 09:14

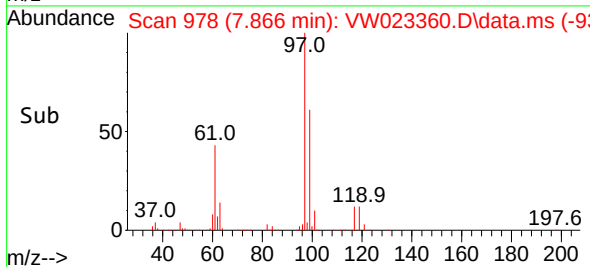
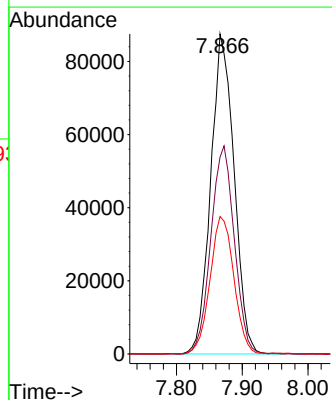
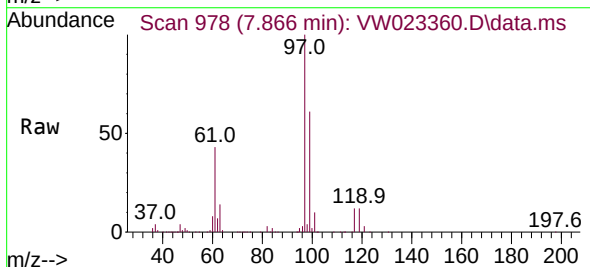
Instrument :
MSVOA_W
ClientSampleId :
VSTD025556

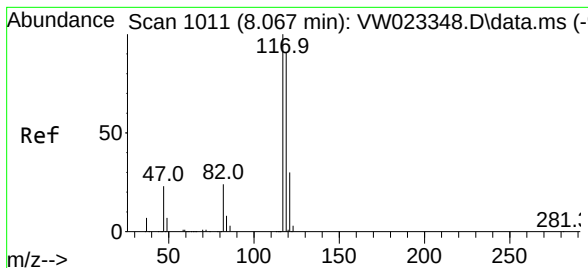
Tgt Ion: 56 Resp: 193568
Ion Ratio Lower Upper
56 100
69 31.6 25.6 38.4
84 97.2 78.2 117.4



#30
1,1,1-Trichloroethane
Concen: 26.193 ug/L
RT: 7.866 min Scan# 978
Delta R.T. -0.006 min
Lab File: VW023360.D
Acq: 27 May 2022 09:14

Tgt Ion: 97 Resp: 216280
Ion Ratio Lower Upper
97 100
99 65.5 51.0 76.4
61 43.9 34.8 52.2





#31

Carbon tetrachloride

Concen: 26.343 ug/L

RT: 8.061 min Scan# 1011

Delta R.T. -0.006 min

Lab File: VW023360.D

Acq: 27 May 2022 09:14

Instrument :

MSVOA_W

ClientSampleId :

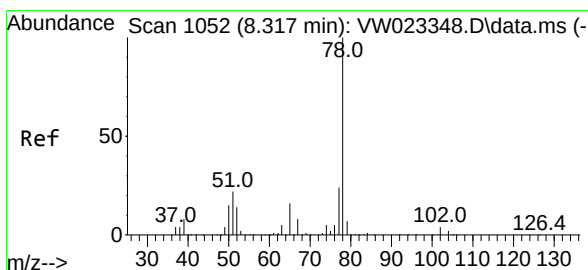
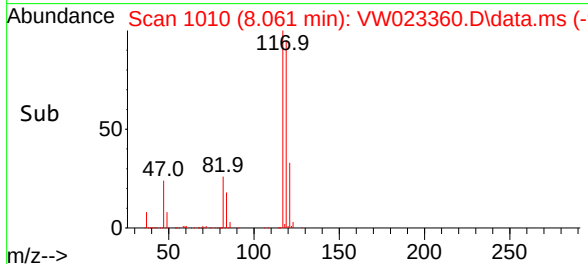
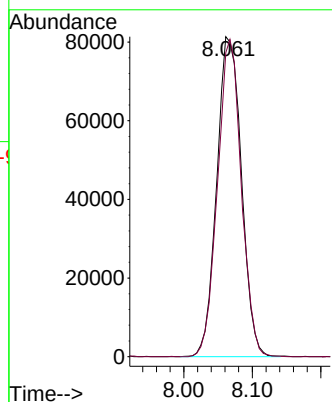
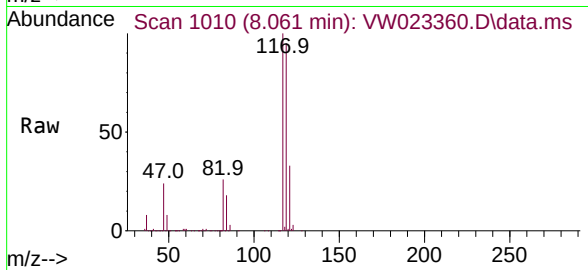
VSTD025556

Tgt Ion:117 Resp: 203473

Ion Ratio Lower Upper

117 100

119 95.4 76.6 115.0



#33

Benzene

Concen: 26.034 ug/L

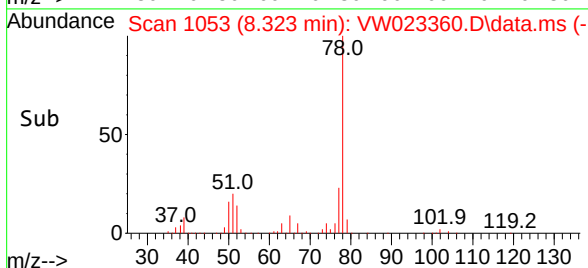
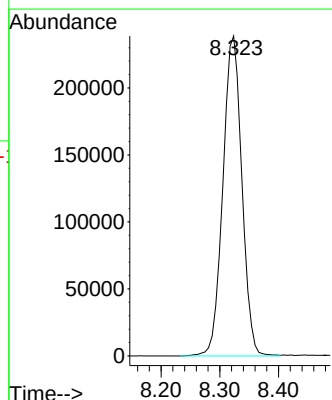
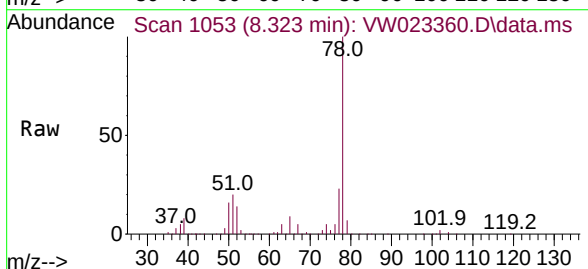
RT: 8.323 min Scan# 1053

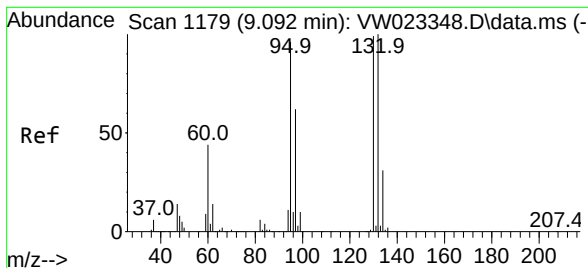
Delta R.T. 0.006 min

Lab File: VW023360.D

Acq: 27 May 2022 09:14

Tgt Ion: 78 Resp: 535879





#34

Trichloroethene

Concen: 26.064 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VW023360.D

Acq: 27 May 2022 09:14

Instrument :

MSVOA_W

ClientSampleId :

VSTD025556

Tgt Ion: 95 Resp: 147542

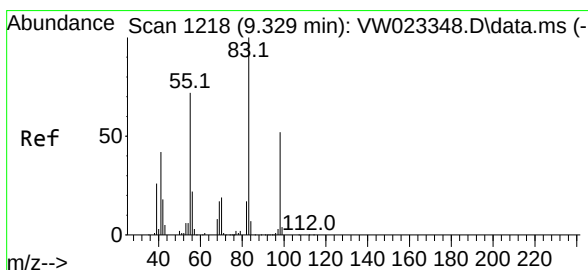
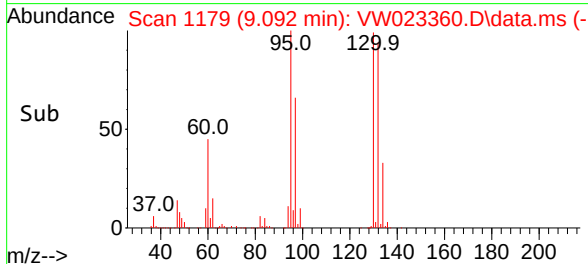
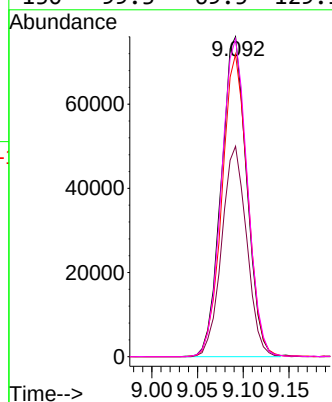
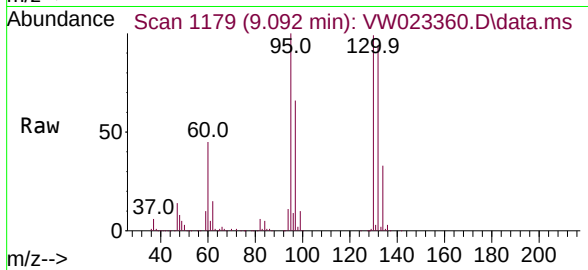
Ion Ratio Lower Upper

95 100

97 65.8 46.1 85.7

132 94.5 66.9 124.3

130 99.3 69.5 129.1



#35

Methylcyclohexane

Concen: 26.150 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. 0.006 min

Lab File: VW023360.D

Acq: 27 May 2022 09:14

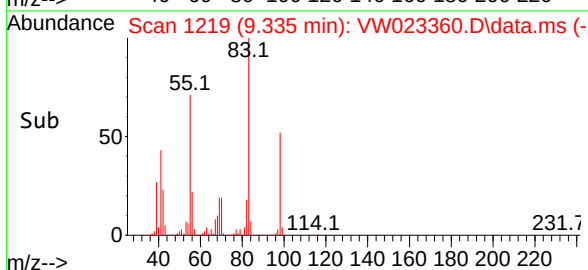
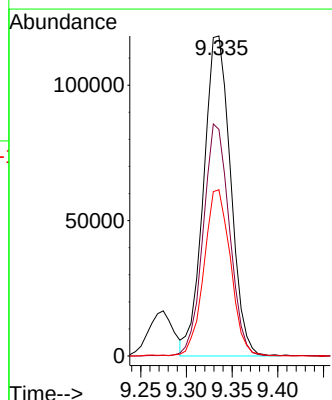
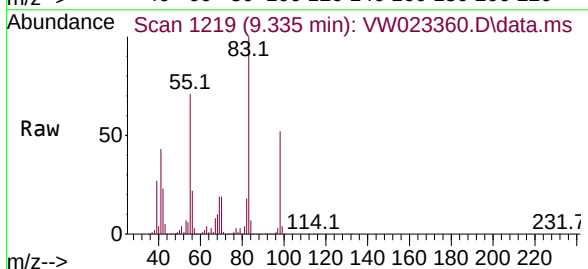
Tgt Ion: 83 Resp: 243185

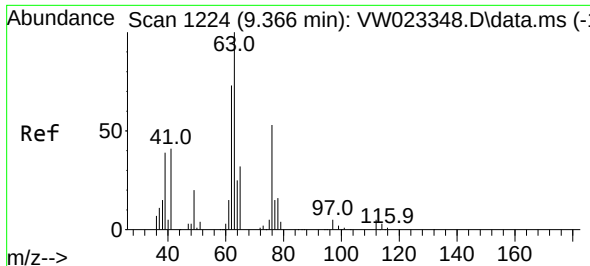
Ion Ratio Lower Upper

83 100

55 70.0 55.1 82.7

98 51.1 40.4 60.6





#37

1,2-Dichloropropane

Concen: 26.218 ug/L

RT: 9.366 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW023360.D

Acq: 27 May 2022 09:14

Instrument :

MSVOA_W

ClientSampleId :

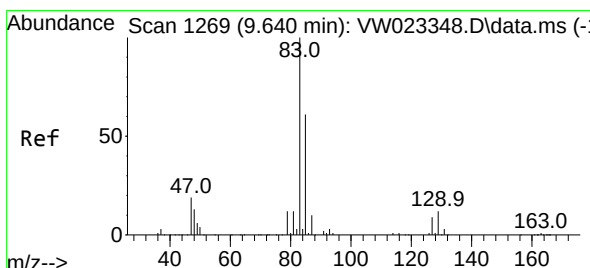
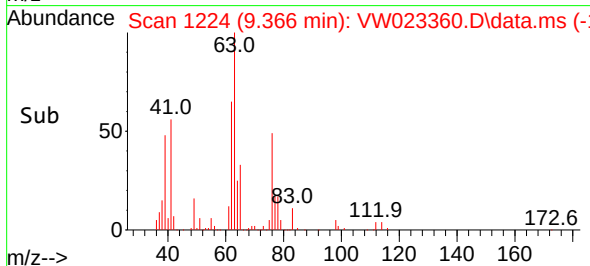
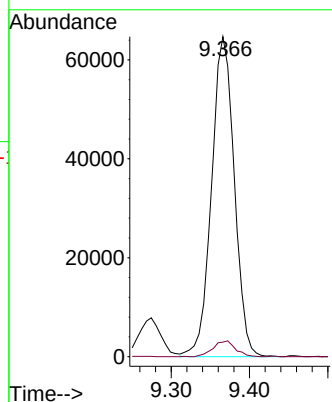
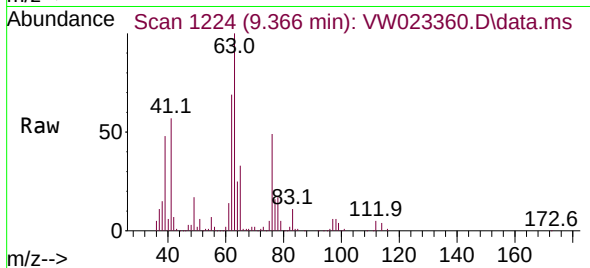
VSTD025556

Tgt Ion: 63 Resp: 130597

Ion Ratio Lower Upper

63 100

112 4.9 3.8 5.8



#38

Bromodichloromethane

Concen: 25.672 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.006 min

Lab File: VW023360.D

Acq: 27 May 2022 09:14

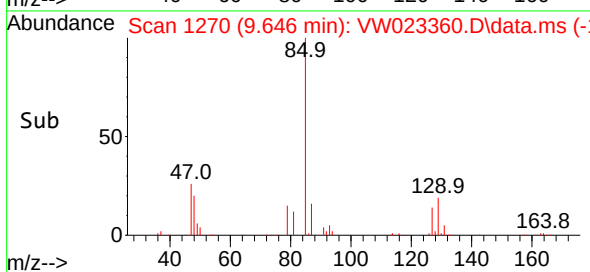
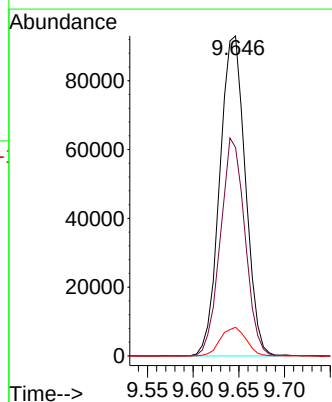
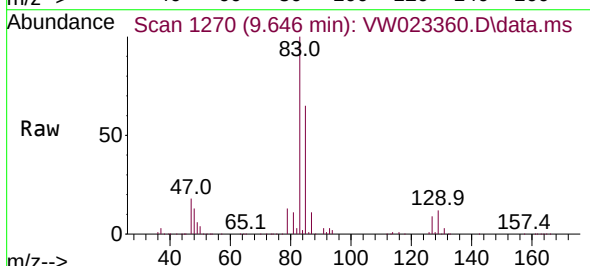
Tgt Ion: 83 Resp: 181636

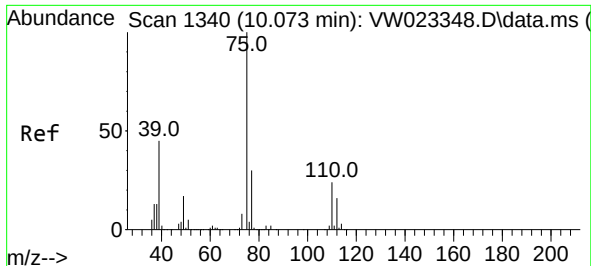
Ion Ratio Lower Upper

83 100

85 65.2 43.5 80.7

127 9.0 7.1 10.7





#39

cis-1,3-Dichloropropene

Concen: 26.640 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. -0.000 min

Lab File: VW023360.D

Acq: 27 May 2022 09:14

Instrument :

MSVOA_W

ClientSampleId :

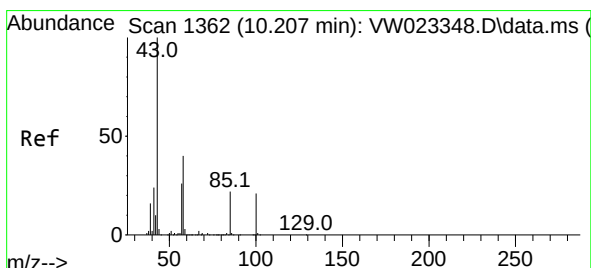
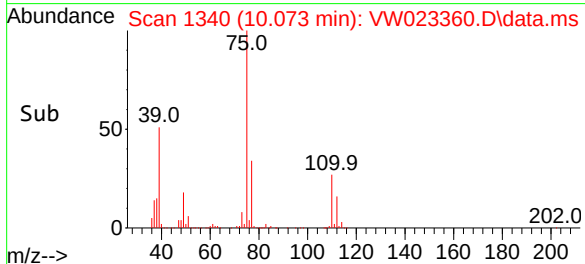
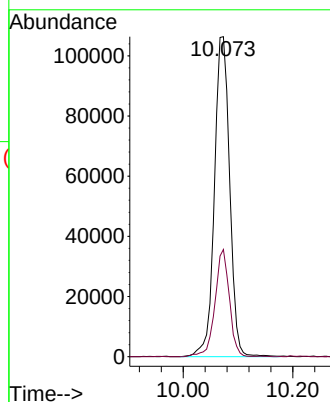
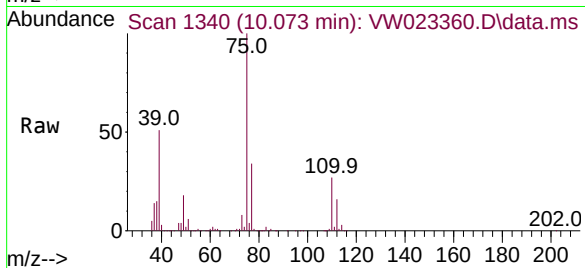
VSTD025556

Tgt Ion: 75 Resp: 205764

Ion Ratio Lower Upper

75 100

77 33.5 22.1 41.1



#40

4-Methyl-2-pentanone

Concen: 47.213 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW023360.D

Acq: 27 May 2022 09:14

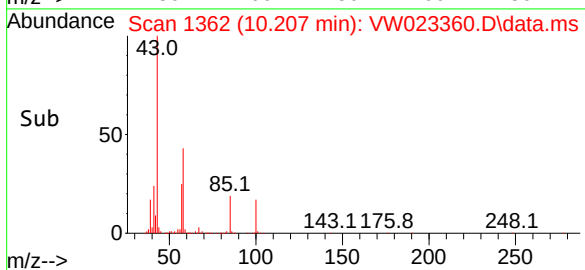
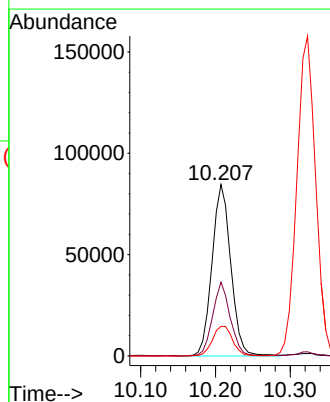
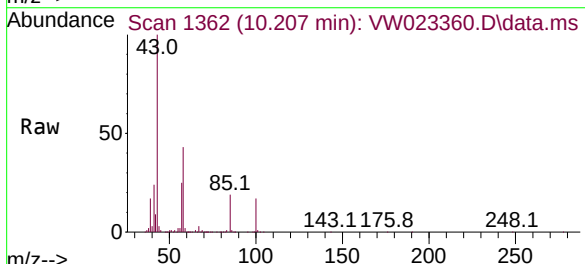
Tgt Ion: 43 Resp: 148233

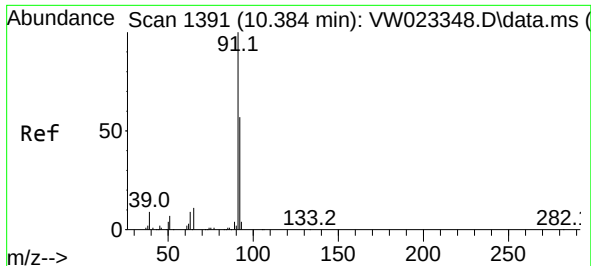
Ion Ratio Lower Upper

43 100

58 40.4 31.4 47.2

100 18.6 14.2 21.4

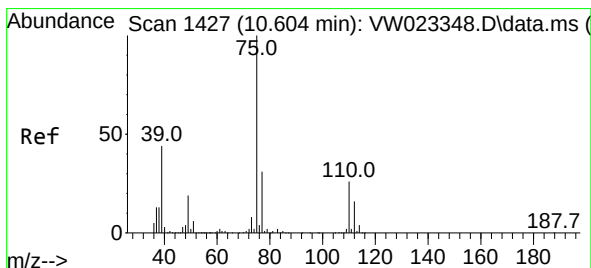
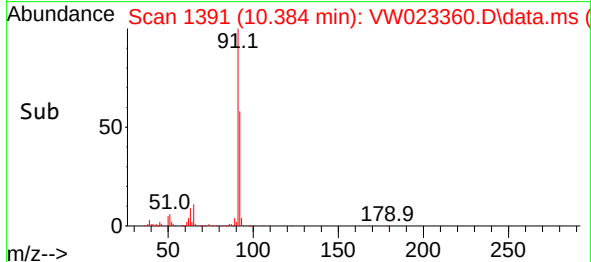
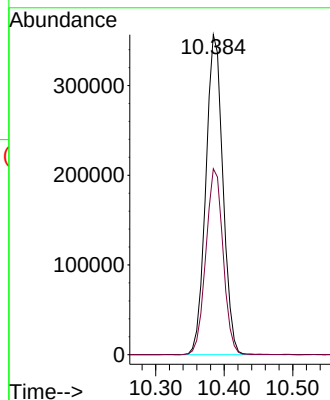
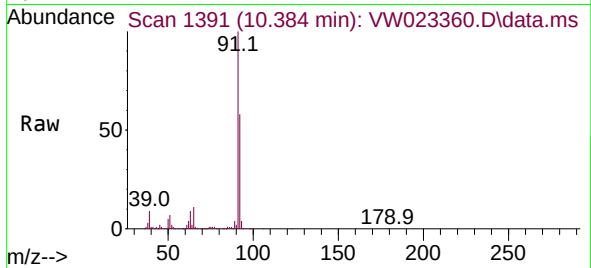




#42
Toluene
Concen: 26.815 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.000 min
Lab File: VW023360.D
Acq: 27 May 2022 09:14

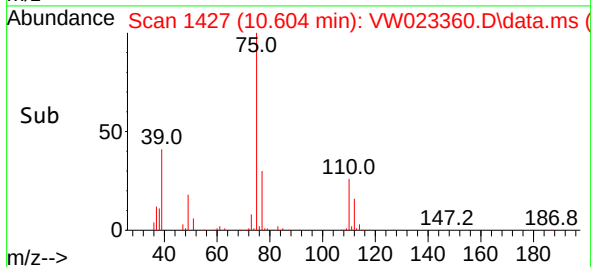
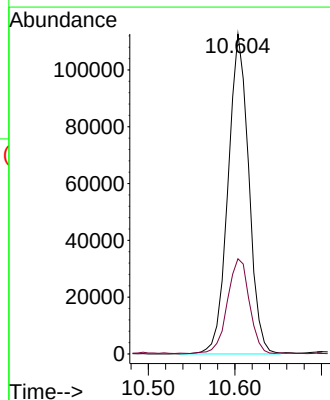
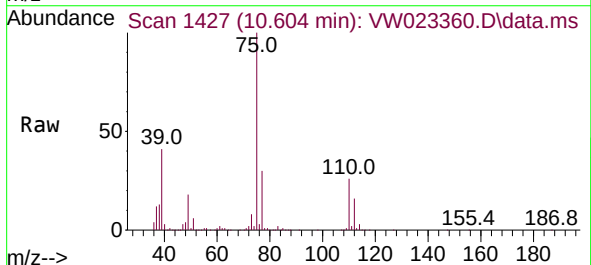
Instrument :
MSVOA_W
ClientSampleId :
VSTD025556

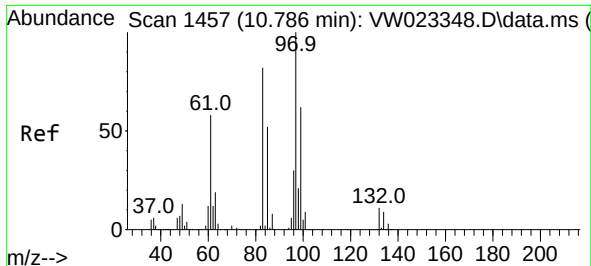
Tgt Ion: 91 Resp: 618567
Ion Ratio Lower Upper
91 100
92 58.1 41.6 77.2



#44
trans-1,3-Dichloropropene
Concen: 27.159 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW023360.D
Acq: 27 May 2022 09:14

Tgt Ion: 75 Resp: 187236
Ion Ratio Lower Upper
75 100
77 29.8 22.0 40.8

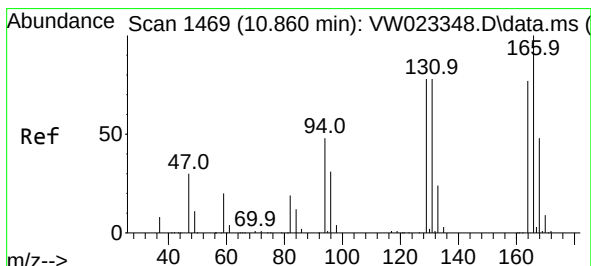
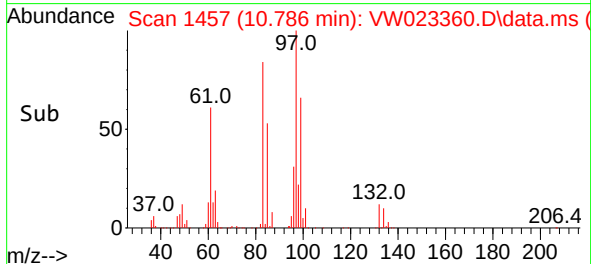
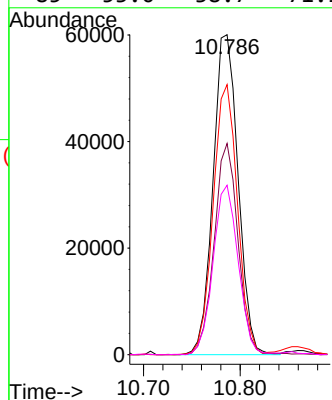
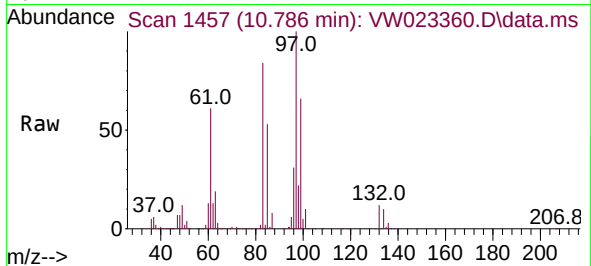




#45
1,1,2-Trichloroethane
Concen: 25.942 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW023360.D
Acq: 27 May 2022 09:14

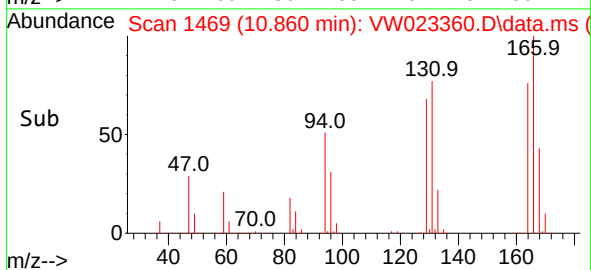
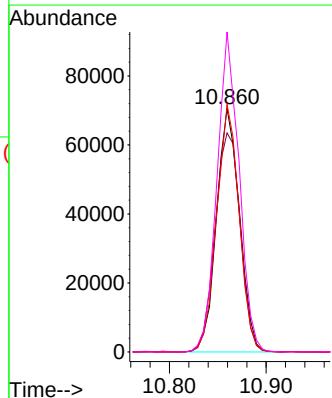
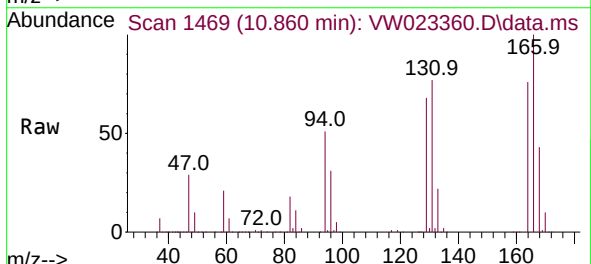
Instrument :
MSVOA_W
ClientSampleId :
VSTD025556

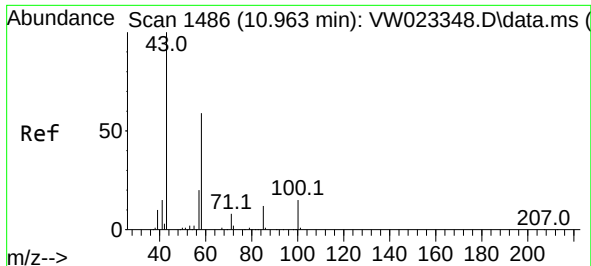
Tgt Ion:	97	Resp:	108026
Ion	Ratio	Lower	Upper
97	100		
99	66.0	44.7	82.9
83	84.4	58.4	108.4
85	53.0	38.7	71.9



#46
Tetrachloroethene
Concen: 27.432 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW023360.D
Acq: 27 May 2022 09:14

Tgt Ion:	164	Resp:	116702
Ion	Ratio	Lower	Upper
164	100		
129	90.1	76.9	142.7
131	101.7	75.1	139.5
166	131.6	96.0	178.2

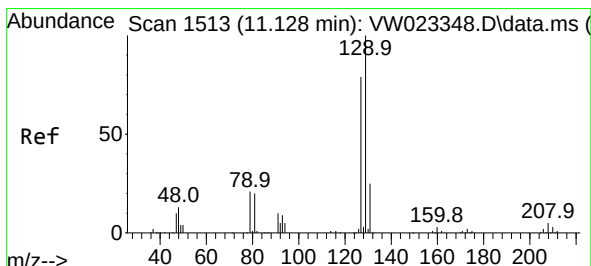
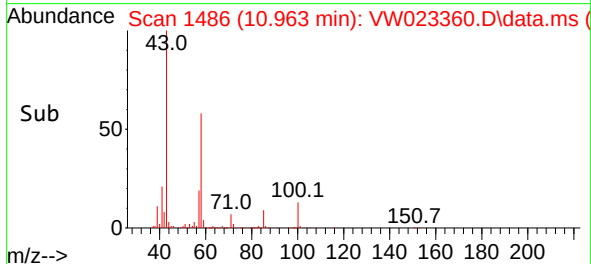
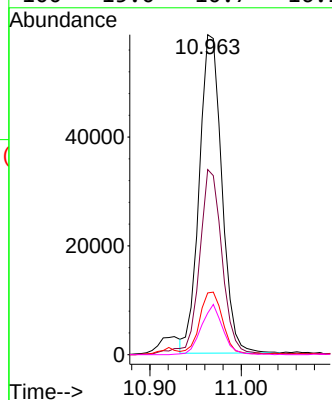
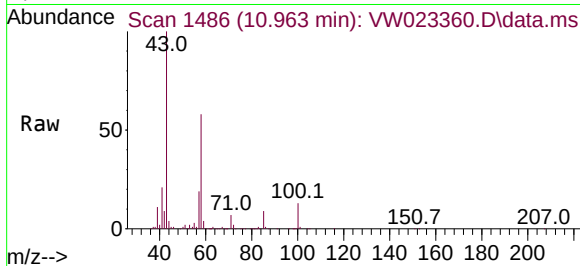




#48
2-Hexanone
Concen: 47.777 ug/L
RT: 10.963 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VW023360.D
Acq: 27 May 2022 09:14

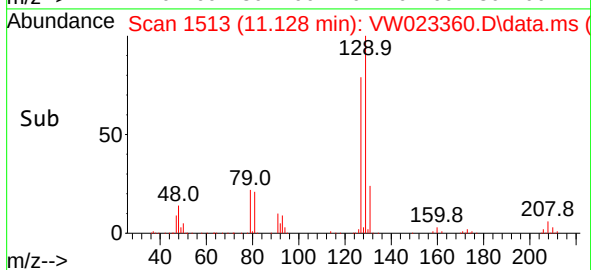
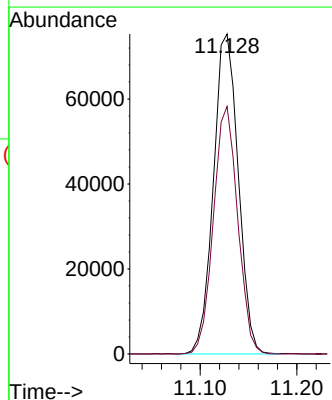
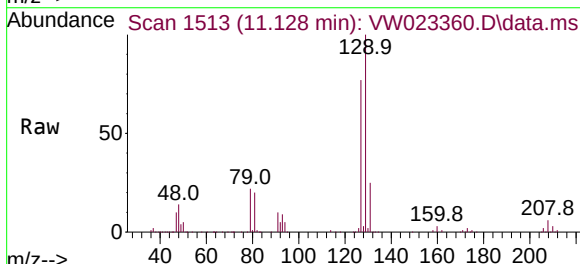
Instrument :
MSVOA_W
ClientSampleId :
VSTD025556

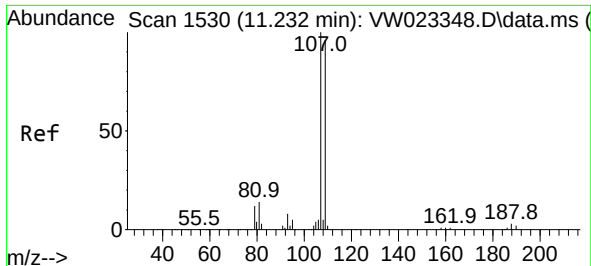
Tgt Ion: 43 Resp: 100225
Ion Ratio Lower Upper
43 100
58 56.2 45.9 68.9
57 19.8 16.2 24.2
100 15.0 10.7 16.1



#49
Dibromochloromethane
Concen: 26.781 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW023360.D
Acq: 27 May 2022 09:14

Tgt Ion: 129 Resp: 134222
Ion Ratio Lower Upper
129 100
127 77.4 53.8 100.0





#50

1,2-Dibromoethane

Concen: 25.261 ug/L

RT: 11.231 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW023360.D

Acq: 27 May 2022 09:14

Instrument :

MSVOA_W

ClientSampleId :

VSTD025556

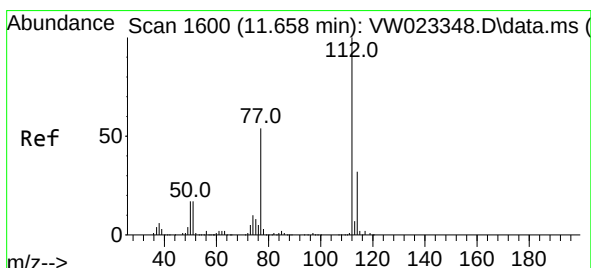
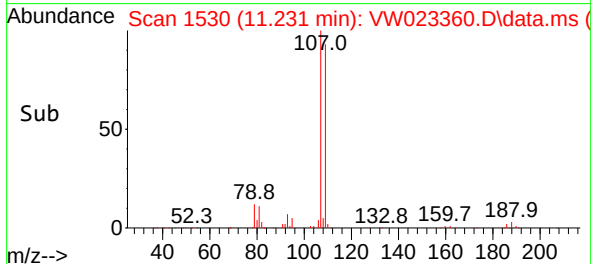
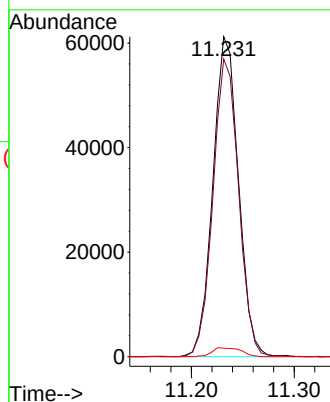
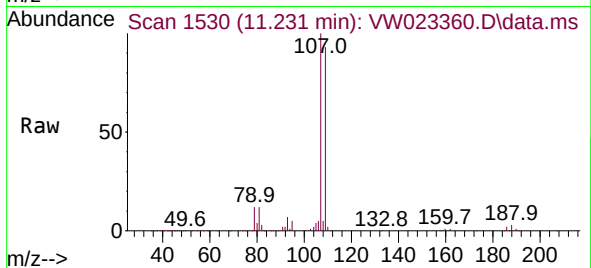
Tgt Ion:107 Resp: 105624

Ion Ratio Lower Upper

107 100

109 93.0 67.5 125.4

188 2.7 2.9 4.3#



#51

Chlorobenzene

Concen: 26.678 ug/L

RT: 11.658 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VW023360.D

Acq: 27 May 2022 09:14

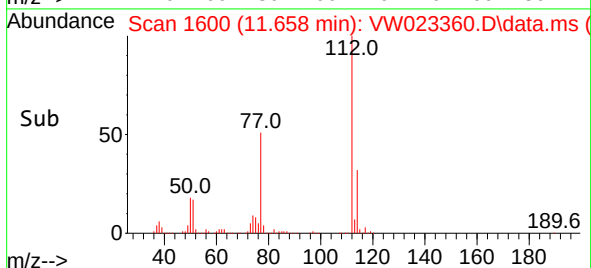
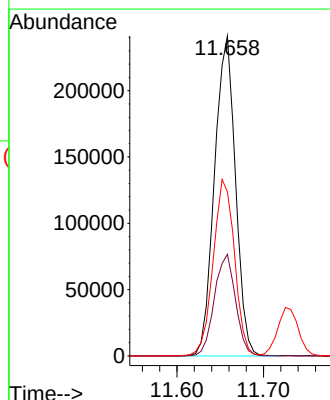
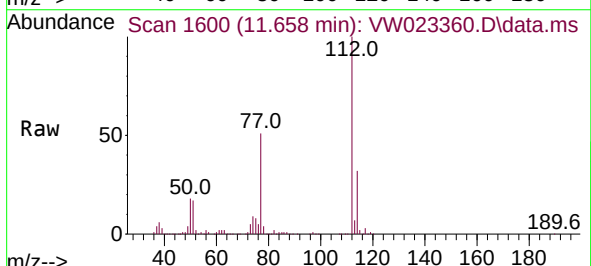
Tgt Ion:112 Resp: 405712

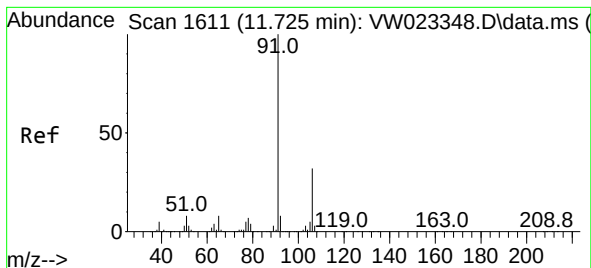
Ion Ratio Lower Upper

112 100

114 31.7 22.0 41.0

77 51.3 42.6 63.8

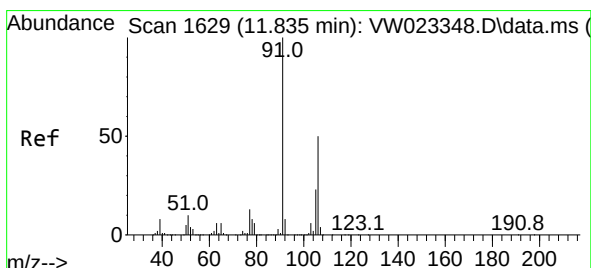
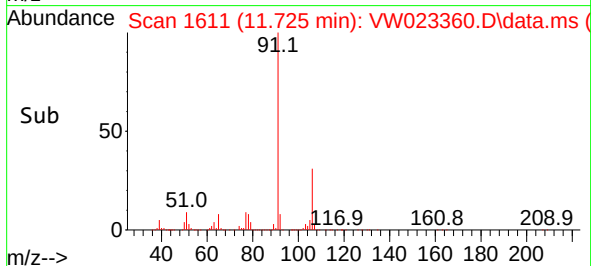
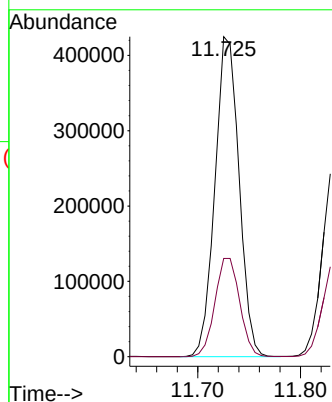
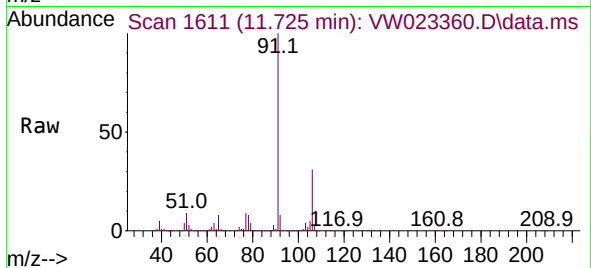




#52
Ethylbenzene
Concen: 26.930 ug/L
RT: 11.725 min Scan# 1611
Delta R.T. -0.000 min
Lab File: VW023360.D
Acq: 27 May 2022 09:14

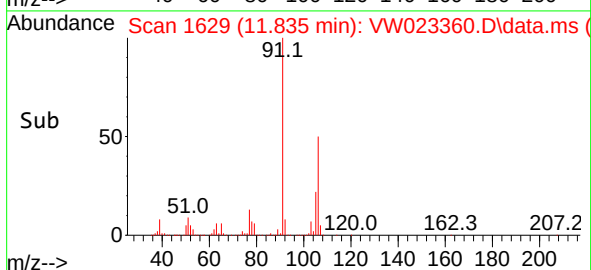
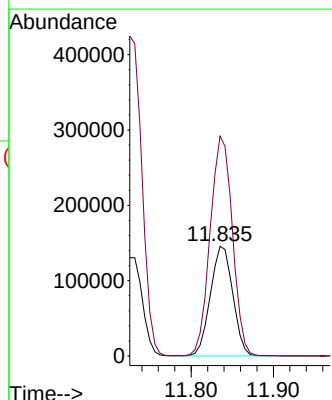
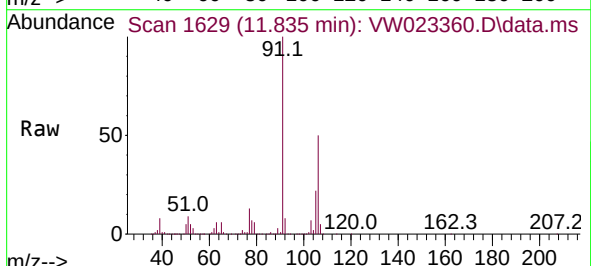
Instrument :
MSVOA_W
ClientSampleId :
VSTD025556

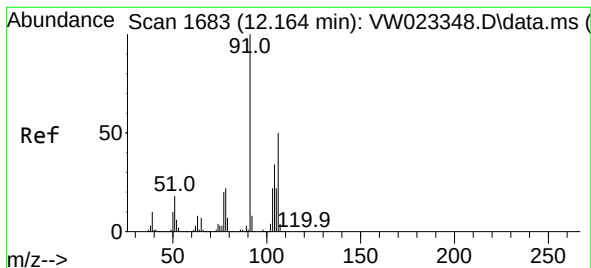
Tgt Ion: 91 Resp: 691123
Ion Ratio Lower Upper
91 100
106 30.7 22.3 41.3



#53
m,p-Xylene
Concen: 27.239 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VW023360.D
Acq: 27 May 2022 09:14

Tgt Ion:106 Resp: 275444
Ion Ratio Lower Upper
106 100
91 200.5 136.8 254.0





#54

o-Xylene

Concen: 27.845 ug/L

RT: 12.164 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW023360.D

Acq: 27 May 2022 09:14

Instrument :

MSVOA_W

ClientSampleId :

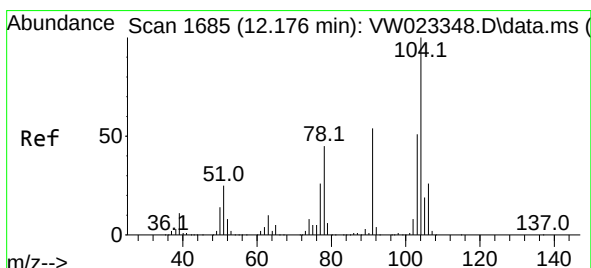
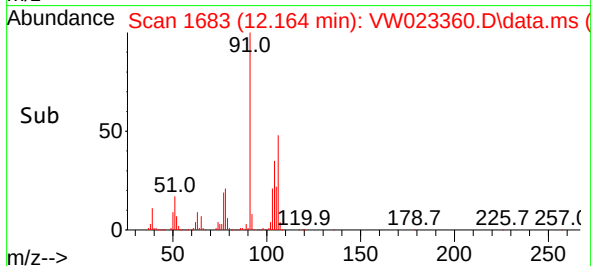
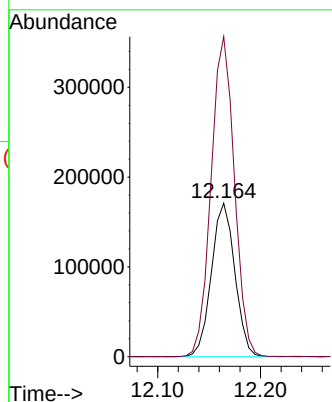
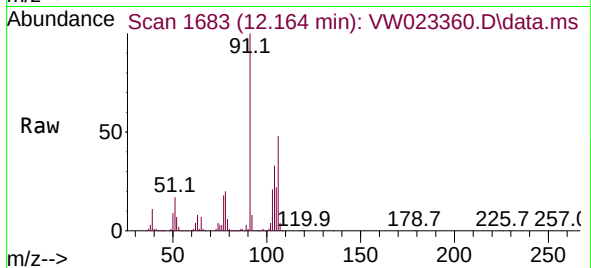
VSTD025556

Tgt Ion:106 Resp: 270198

Ion Ratio Lower Upper

106 100

91 208.5 147.2 273.4



#55

Styrene

Concen: 27.922 ug/L

RT: 12.176 min Scan# 1685

Delta R.T. -0.000 min

Lab File: VW023360.D

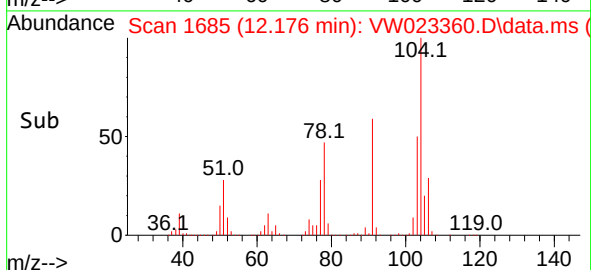
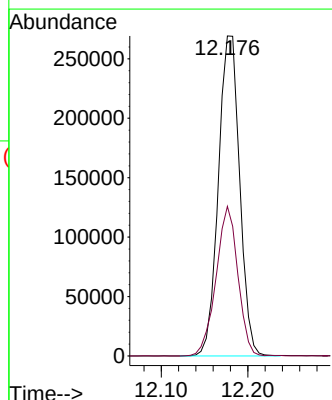
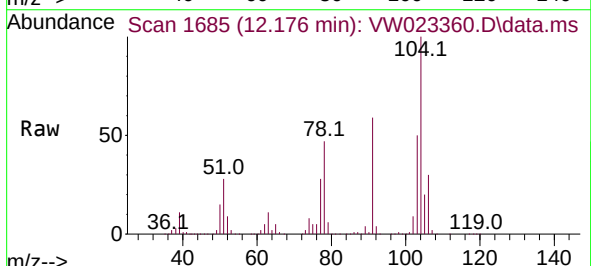
Acq: 27 May 2022 09:14

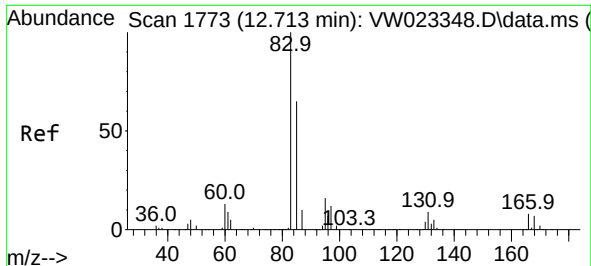
Tgt Ion:104 Resp: 460408

Ion Ratio Lower Upper

104 100

78 46.8 32.3 59.9





#57

1,1,2,2-Tetrachloroethane

Concen: 24.736 ug/L

RT: 12.713 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VW023360.D

Acq: 27 May 2022 09:14

Instrument :

MSVOA_W

ClientSampleId :

VSTD025556

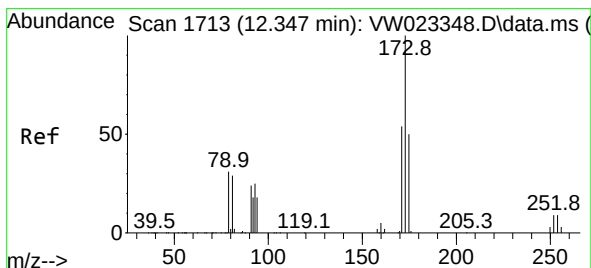
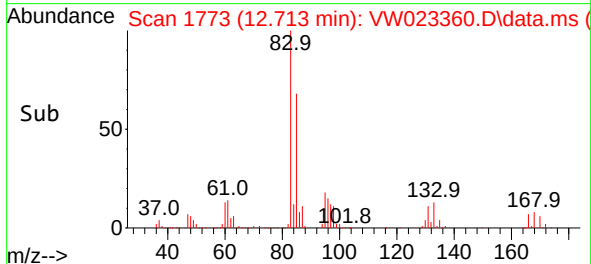
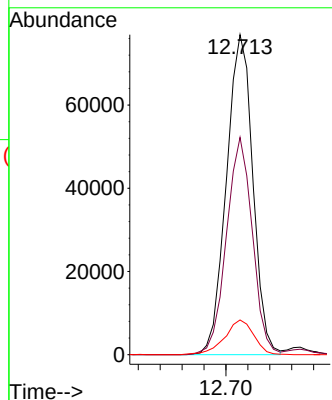
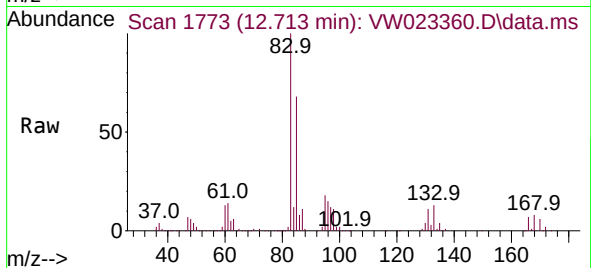
Tgt Ion: 83 Resp: 128655

Ion Ratio Lower Upper

83 100

85 67.9 47.5 88.1

131 10.8 8.7 13.1



#59

Bromoform

Concen: 24.832 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. -0.000 min

Lab File: VW023360.D

Acq: 27 May 2022 09:14

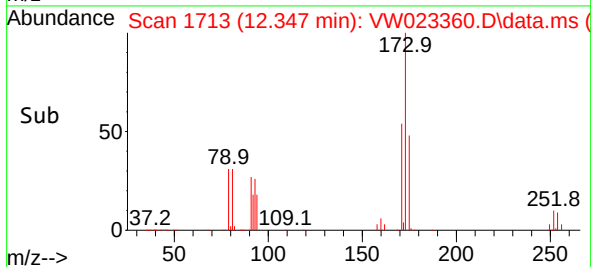
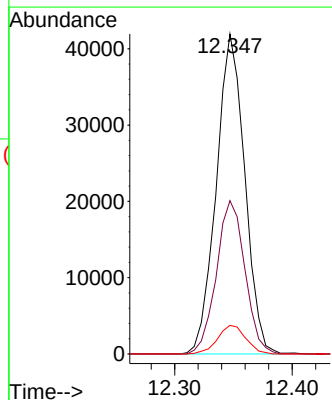
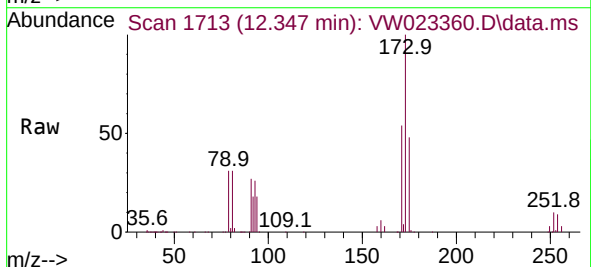
Tgt Ion:173 Resp: 70532

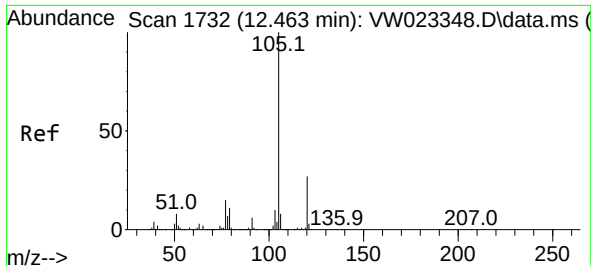
Ion Ratio Lower Upper

173 100

175 48.0 38.1 57.1

254 8.9 6.5 9.7

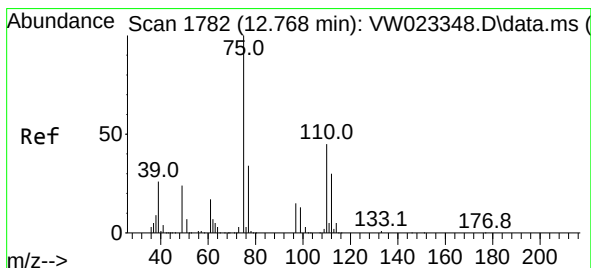
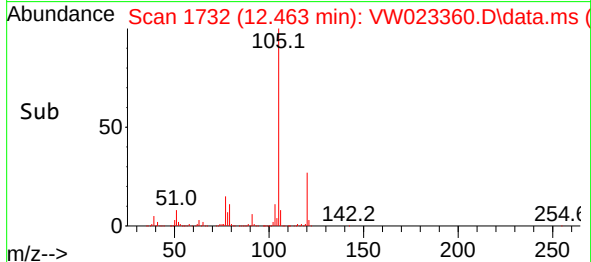
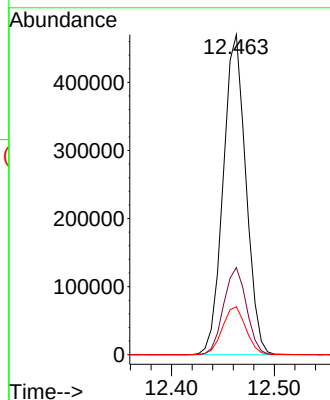
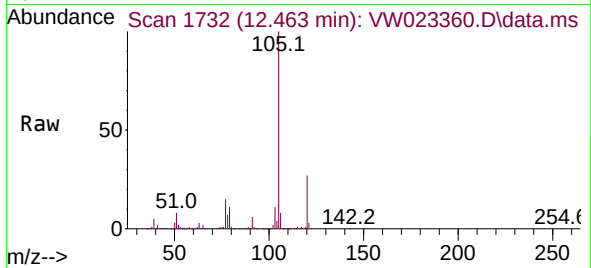




#60
Isopropylbenzene
Concen: 26.285 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW023360.D
Acq: 27 May 2022 09:14

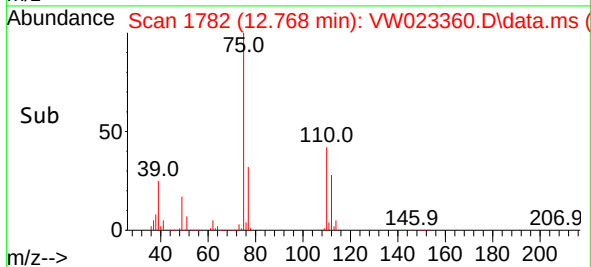
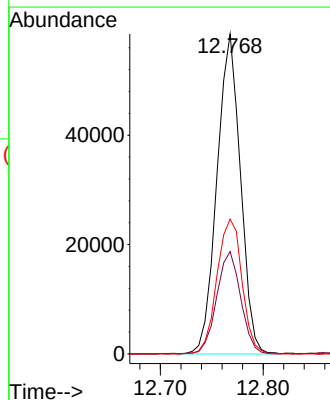
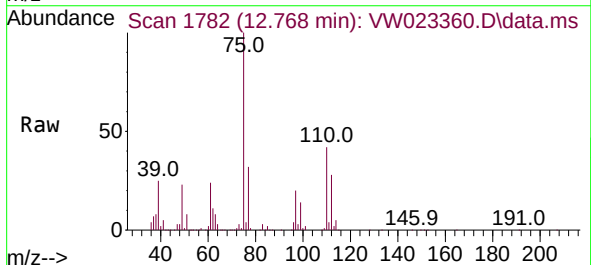
Instrument :
MSVOA_W
ClientSampleId :
VSTD025556

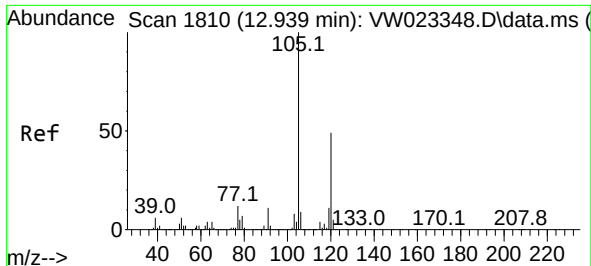
Tgt Ion:105 Resp: 721728
Ion Ratio Lower Upper
105 100
120 27.4 21.3 31.9
77 15.4 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 23.175 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW023360.D
Acq: 27 May 2022 09:14

Tgt Ion: 75 Resp: 92808
Ion Ratio Lower Upper
75 100
77 32.9 26.2 39.2
110 44.8 34.1 51.1





#62

1,3,5-Trimethylbenzene

Concen: 26.322 ug/L

RT: 12.938 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VW023360.D

Acq: 27 May 2022 09:14

Instrument :

MSVOA_W

ClientSampleId :

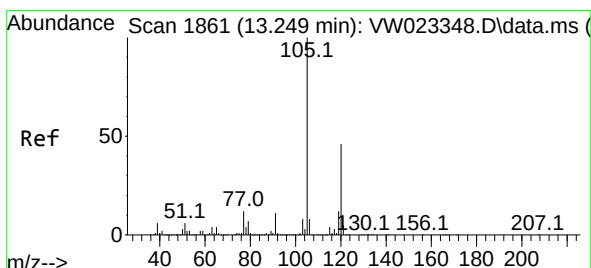
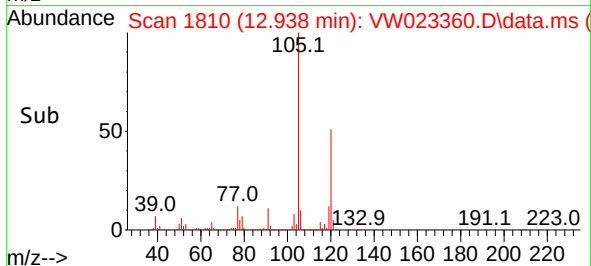
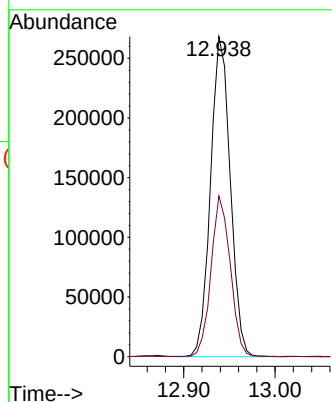
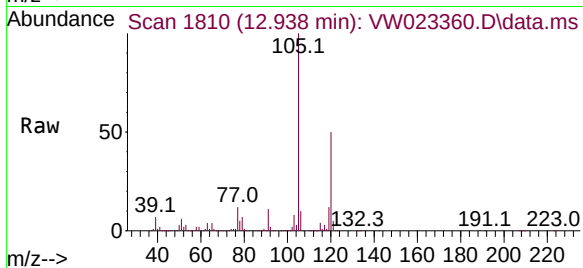
VSTD025556

Tgt Ion:105 Resp: 402081

Ion Ratio Lower Upper

105 100

120 48.9 38.9 58.3



#63

1,2,4-Trimethylbenzene

Concen: 26.335 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. -0.000 min

Lab File: VW023360.D

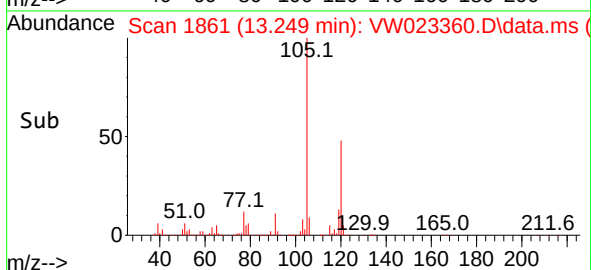
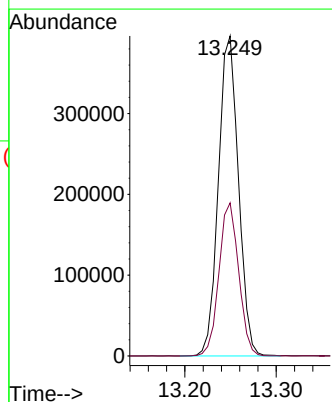
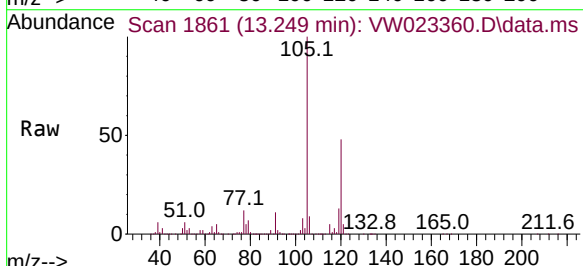
Acq: 27 May 2022 09:14

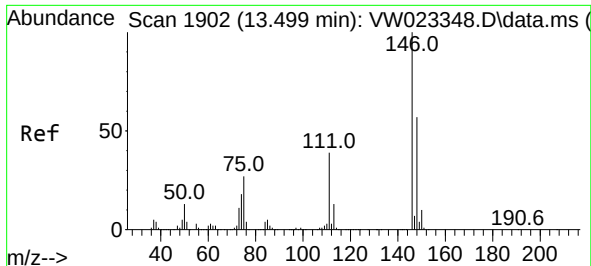
Tgt Ion:105 Resp: 604039

Ion Ratio Lower Upper

105 100

120 47.1 37.4 56.2

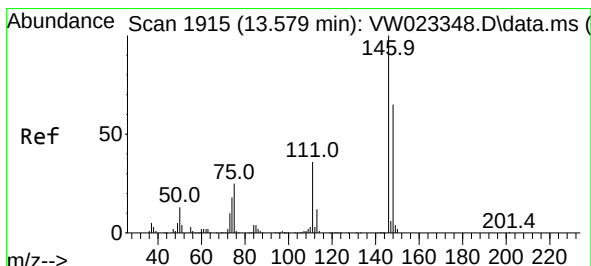
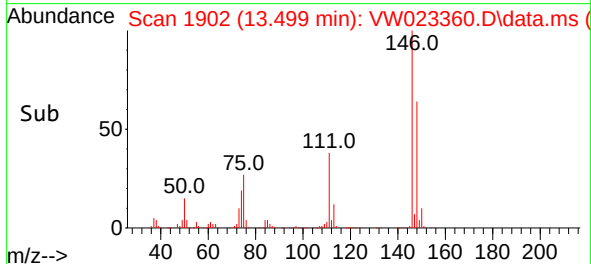
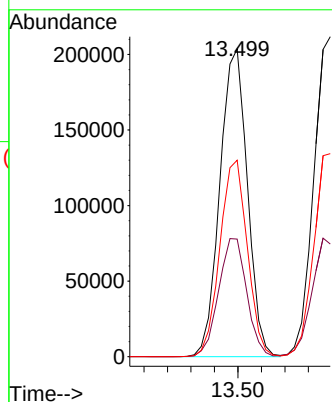
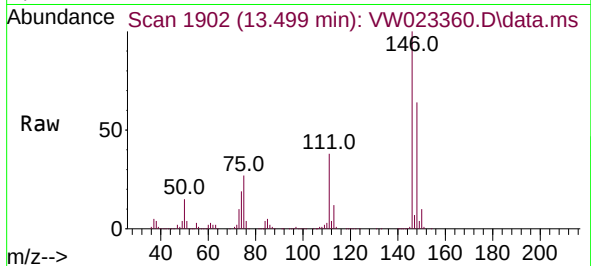




#64
1,3-Dichlorobenzene
Concen: 26.962 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VW023360.D
Acq: 27 May 2022 09:14

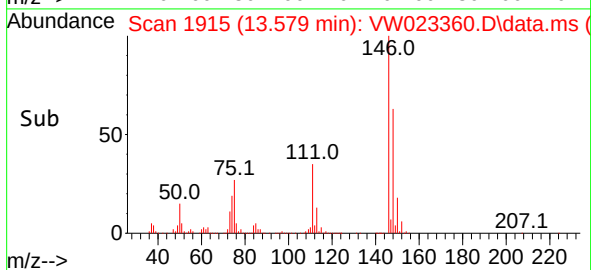
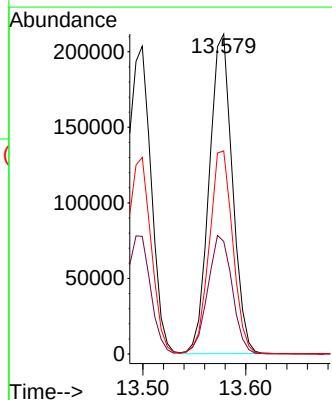
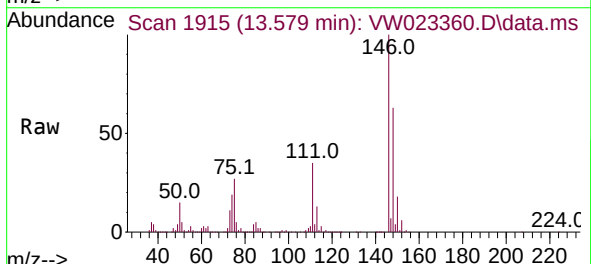
Instrument :
MSVOA_W
ClientSampleId :
VSTD025556

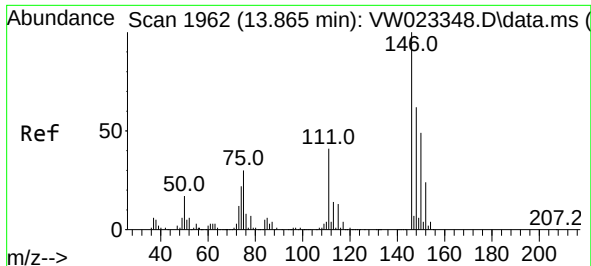
Tgt Ion:146 Resp: 330530
Ion Ratio Lower Upper
146 100
111 38.2 29.5 54.9
148 63.8 48.6 90.2



#65
1,4-Dichlorobenzene
Concen: 26.256 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VW023360.D
Acq: 27 May 2022 09:14

Tgt Ion:146 Resp: 332458
Ion Ratio Lower Upper
146 100
111 35.2 27.2 50.4
148 63.5 44.0 81.6





#67

1,2-Dichlorobenzene

Concen: 26.690 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VW023360.D

Acq: 27 May 2022 09:14

Instrument :

MSVOA_W

ClientSampleId :

VSTD025556

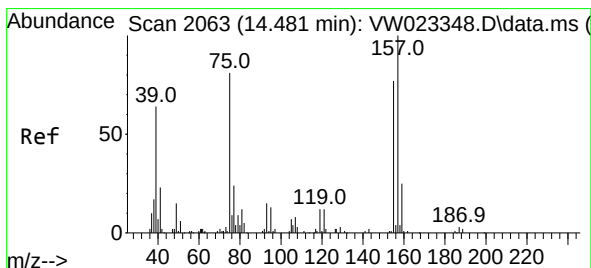
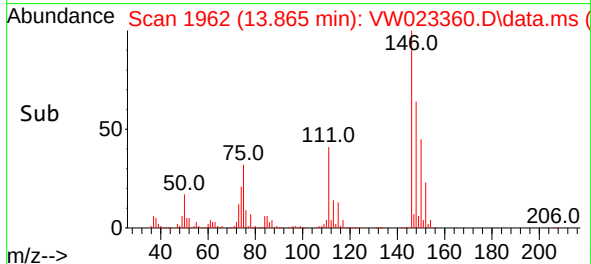
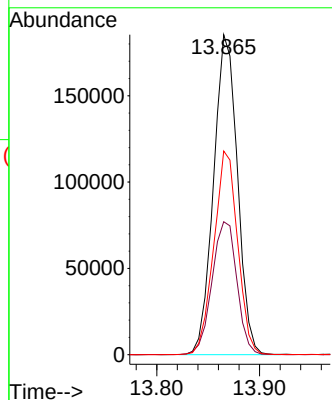
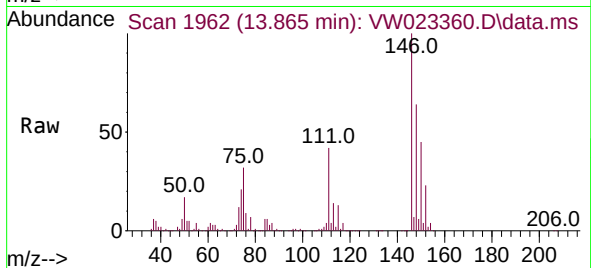
Tgt Ion:146 Resp: 299407

Ion Ratio Lower Upper

146 100

111 41.5 35.7 53.5

148 63.7 52.6 79.0



#68

1,2-Dibromo-3-chloropropane

Concen: 22.427 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW023360.D

Acq: 27 May 2022 09:14

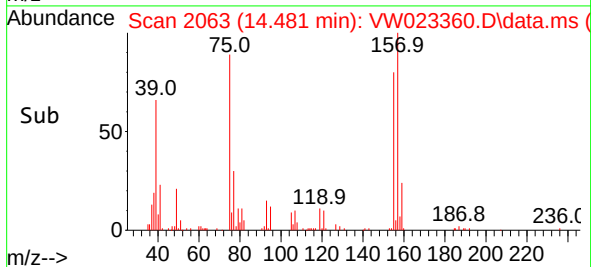
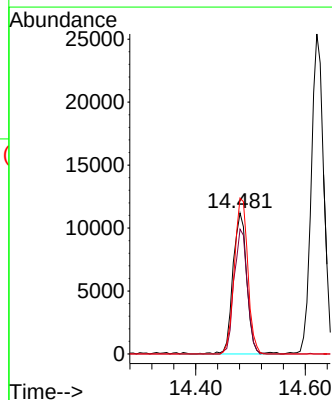
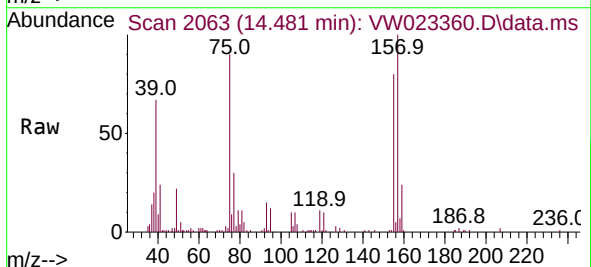
Tgt Ion: 75 Resp: 19629

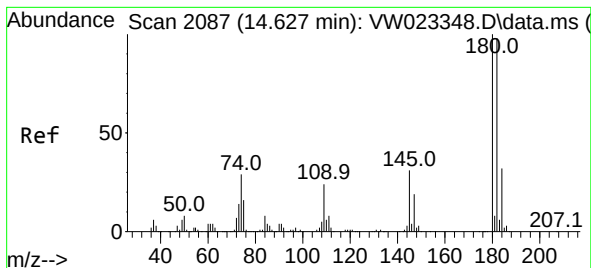
Ion Ratio Lower Upper

75 100

155 88.6 59.3 88.9

157 110.6 89.8 134.8





#69

1,3,5-Trichlorobenzene

Concen: 27.619 ug/L

RT: 14.627 min Scan# 2087

Delta R.T. -0.000 min

Lab File: VW023360.D

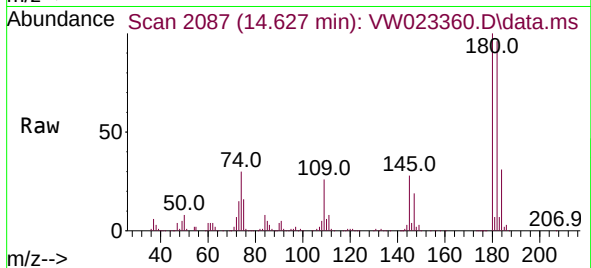
Acq: 27 May 2022 09:14

Instrument :

MSVOA_W

ClientSampleId :

VSTD025556



Tgt Ion:180 Resp: 224743

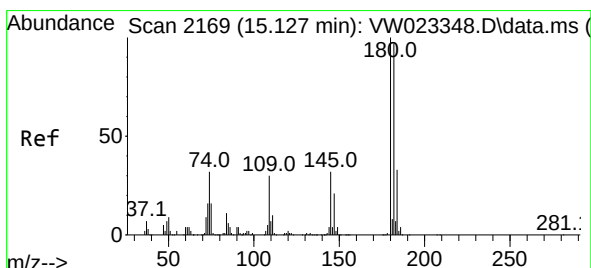
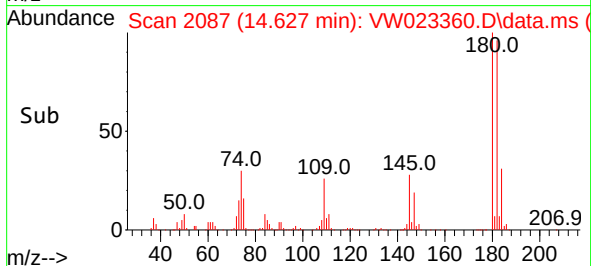
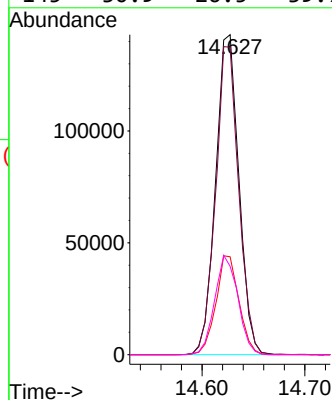
Ion Ratio Lower Upper

180 100

182 95.5 74.8 112.2

184 30.7 23.4 35.2

145 30.9 26.5 39.7



#70

1,2,4-trichlorobenzene

Concen: 26.202 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. -0.000 min

Lab File: VW023360.D

Acq: 27 May 2022 09:14

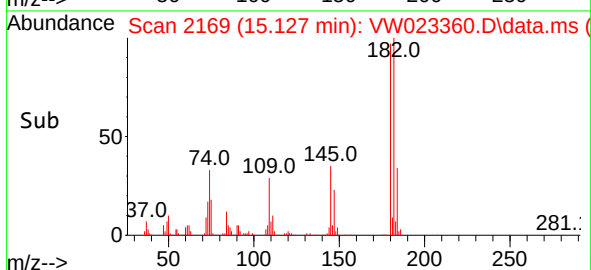
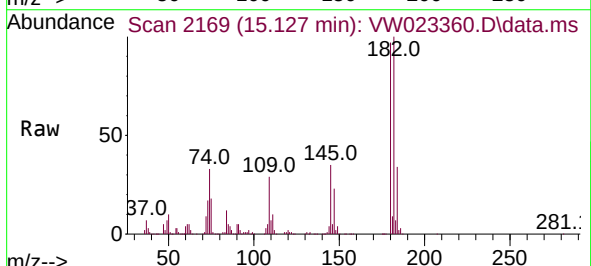
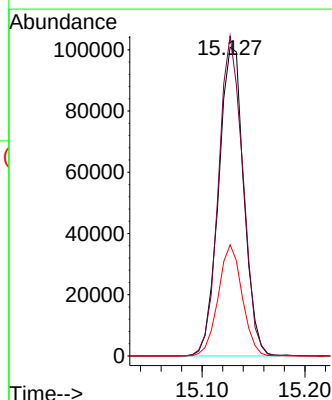
Tgt Ion:180 Resp: 171510

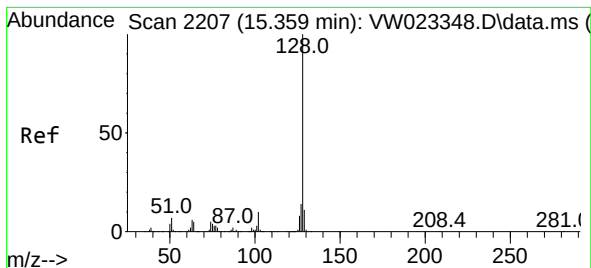
Ion Ratio Lower Upper

180 100

182 100.1 74.9 112.3

145 34.3 26.6 39.8





#71

Naphthalene

Concen: 25.163 ug/L

RT: 15.359 min Scan# 2207

Delta R.T. -0.000 min

Lab File: VW023360.D

Acq: 27 May 2022 09:14

Instrument :

MSVOA_W

ClientSampleId :

VSTD025556

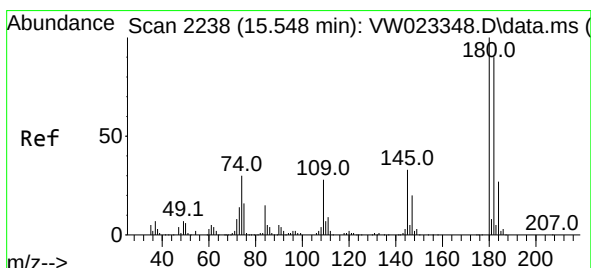
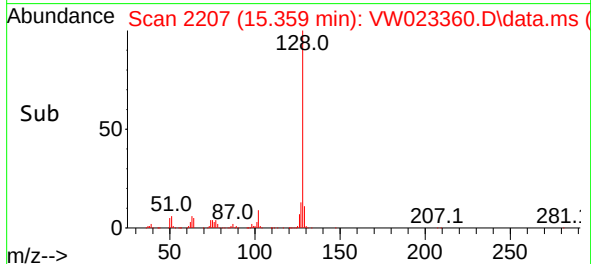
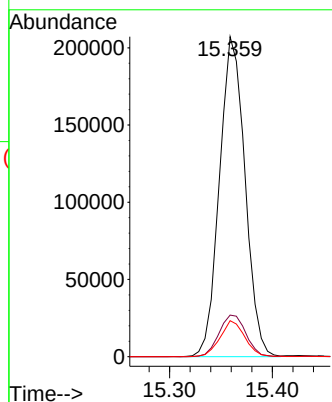
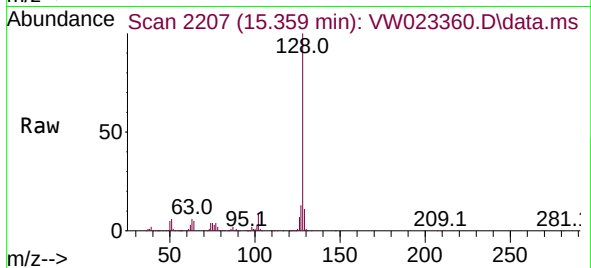
Tgt Ion:128 Resp: 358002

Ion Ratio Lower Upper

128 100

127 13.7 10.6 16.0

129 10.9 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 27.207 ug/L

RT: 15.548 min Scan# 2238

Delta R.T. -0.000 min

Lab File: VW023360.D

Acq: 27 May 2022 09:14

Tgt Ion:180 Resp: 157844

Ion Ratio Lower Upper

180 100

182 95.8 73.5 110.3

145 35.1 27.9 41.9

