

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060622\
 Data File : VW023401.D
 Acq On : 06 Jun 2022 12:52
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025562

Quant Time: Jun 07 01:48:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Jun 06 12:48:22 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	413803	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	386473	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	210298	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	151132	23.595	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.360%
7) Chloroethane-d5	2.886	69	114322	25.336	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.360%
11) 1,1-Dichloroethene-d2	4.026	63	226366	23.533	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	94.120%
21) 2-Butanone-d5	7.074	46	57418	46.480	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.960%
24) Chloroform-d	7.653	84	268641	24.076	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.320%
26) 1,2-Dichloroethane-d4	8.305	65	137563	23.469	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.880%
32) Benzene-d6	8.275	84	514102	23.964	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.840%
36) 1,2-Dichloropropane-d6	9.275	67	147470	24.525	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.120%
41) Toluene-d8	10.323	98	500144	24.479	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.920%
43) trans-1,3-Dichloroprop...	10.579	79	65453	24.398	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.600%
47) 2-Hexanone-d5	10.927	63	45414	50.456	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.920%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	127221	24.728	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.920%
66) 1,2-Dichlorobenzene-d4	13.853	152	179791	23.620	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.480%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.008	85	41330	30.343	ug/L	94
3) Chloromethane	2.221	50	130625	27.199	ug/L	98
5) Vinyl chloride	2.361	62	193289	26.278	ug/L	97
6) Bromomethane	2.782	94	105191	26.018	ug/L	94
8) Chloroethane	2.922	64	103344	28.702	ug/L	95
9) Trichlorofluoromethane	3.257	101	90867	22.516	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	132406	24.971	ug/L	97
12) 1,1-Dichloroethene	4.044	96	118564	25.061	ug/L	92
13) Acetone	4.123	43	40665	43.889	ug/L	98
14) Carbon disulfide	4.385	76	390934	25.781	ug/L	99
15) Methyl Acetate	4.672	43	49648	24.397	ug/L	100
16) Methylene chloride	4.922	84	136499	22.900	ug/L	99
17) trans-1,2-Dichloroethene	5.428	96	143456	25.446	ug/L	98
18) Methyl tert-butyl Ether	5.434	73	218869	26.790	ug/L	99
19) 1,1-Dichloroethane	6.220	63	241715	25.637	ug/L	96
20) cis-1,2-Dichloroethene	7.171	96	151901	25.760	ug/L	99
22) 2-Butanone	7.171	43	66613	49.403	ug/L	100
23) Bromochloromethane	7.519	128	70367	25.440	ug/L	92
25) Chloroform	7.677	83	266194	25.494	ug/L	97

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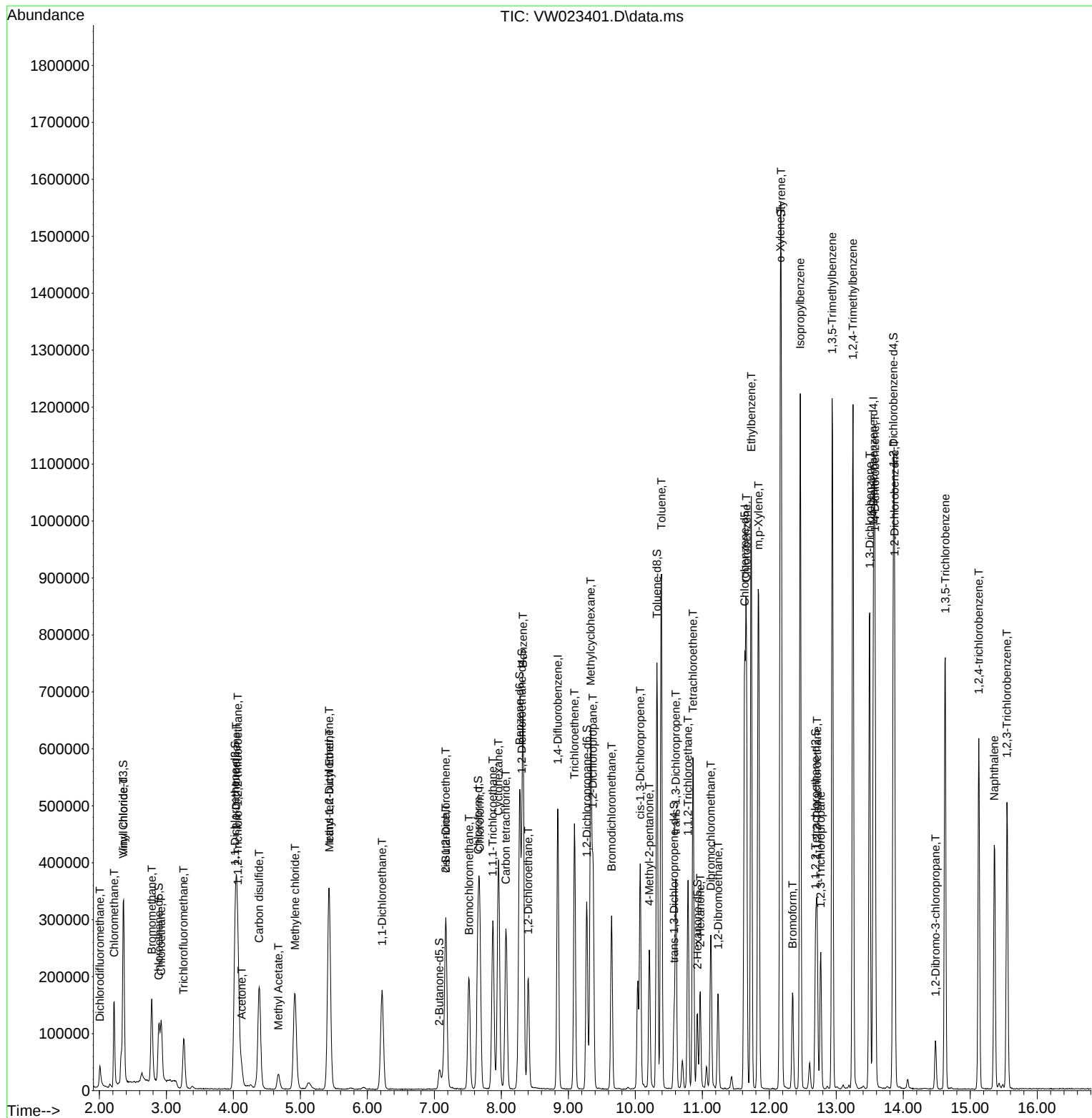
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	173042	26.323	ug/L	100
29) Cyclohexane	7.958	56	217778	26.372	ug/L	98
30) 1,1,1-Trichloroethane	7.872	97	230988	25.123	ug/L	99
31) Carbon tetrachloride	8.068	117	211457	24.930	ug/L	100
33) Benzene	8.324	78	580590	25.599	ug/L	100
34) Trichloroethene	9.092	95	156371	25.203	ug/L	96
35) Methylcyclohexane	9.336	83	260741	25.604	ug/L	99
37) 1,2-Dichloropropane	9.366	63	137318	25.836	ug/L	99
38) Bromodichloromethane	9.646	83	195882	26.269	ug/L	96
39) cis-1,3-Dichloropropene	10.073	75	222078	26.672	ug/L	97
40) 4-Methyl-2-pentanone	10.207	43	154084	53.320	ug/L	100
42) Toluene	10.390	91	667313	26.093	ug/L	99
44) trans-1,3-Dichloropropene	10.604	75	197885	27.231	ug/L	98
45) 1,1,2-Trichloroethane	10.787	97	110149	25.814	ug/L	95
46) Tetrachloroethene	10.860	164	124448	25.355	ug/L	86
48) 2-Hexanone	10.969	43	103921	55.610	ug/L	98
49) Dibromochloromethane	11.128	129	137404	26.624	ug/L	98
50) 1,2-Dibromoethane	11.238	107	110923	26.537	ug/L	97
51) Chlorobenzene	11.658	112	432913	25.865	ug/L	96
52) Ethylbenzene	11.731	91	740673	26.286	ug/L	98
53) m,p-Xylene	11.841	106	291911	26.765	ug/L	100
54) o-Xylene	12.164	106	282318	27.021	ug/L	96
55) Styrene	12.177	104	484952	26.974	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	133049	26.002	ug/L	95
59) Bromoform	12.347	173	76280	26.175	ug/L	98
60) Isopropylbenzene	12.463	105	766021	25.454	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	95724	25.166	ug/L	99
62) 1,3,5-Trimethylbenzene	12.939	105	637734	25.603	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	651686	26.435	ug/L	98
64) 1,3-Dichlorobenzene	13.499	146	338117	24.761	ug/L	96
65) 1,4-Dichlorobenzene	13.579	146	348662	24.965	ug/L	98
67) 1,2-Dichlorobenzene	13.871	146	313739	25.327	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	20030	24.797	ug/L	93
69) 1,3,5-Trichlorobenzene	14.627	180	225265	24.948	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	177152	25.329	ug/L	98
71) Naphthalene	15.359	128	372425	28.692	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	154893	25.470	ug/L	97

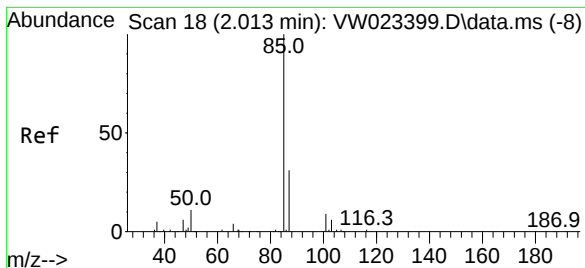
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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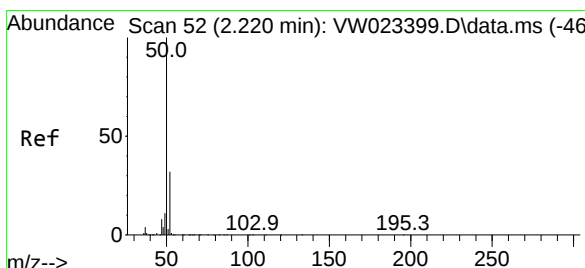
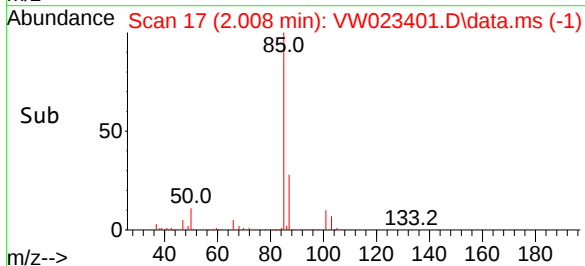
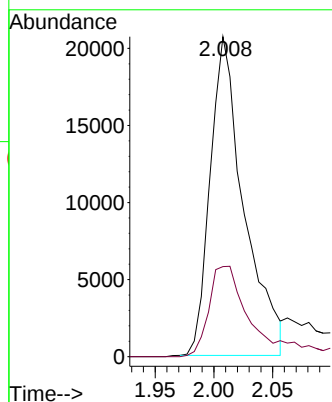
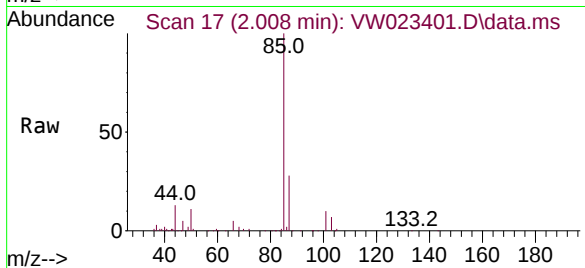




#2
 Dichlorodifluoromethane
 Concen: 30.343 ug/L
 RT: 2.008 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VW023401.D
 Acq: 06 Jun 2022 12:52

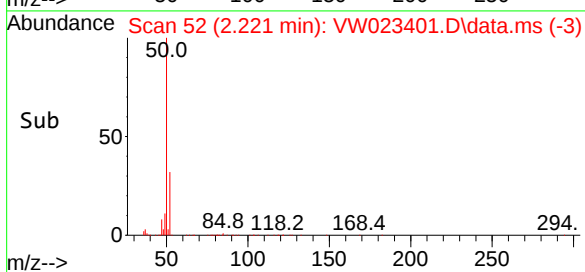
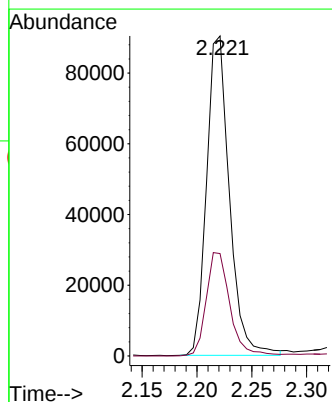
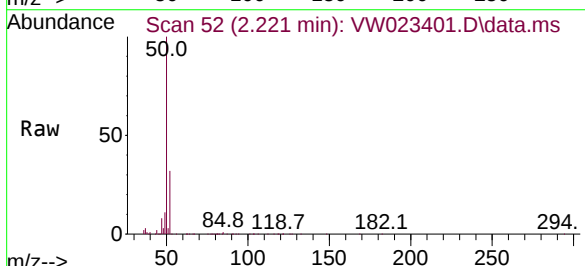
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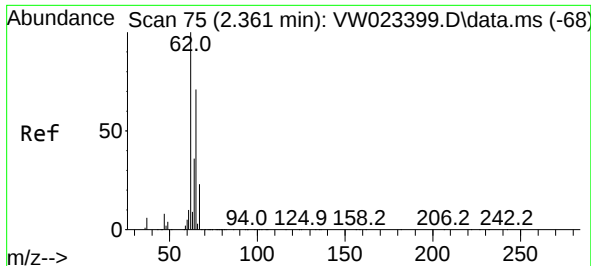
Tgt Ion: 85 Resp: 41330
 Ion Ratio Lower Upper
 85 100
 87 31.0 27.8 41.8



#3
 Chloromethane
 Concen: 27.199 ug/L
 RT: 2.221 min Scan# 52
 Delta R.T. 0.000 min
 Lab File: VW023401.D
 Acq: 06 Jun 2022 12:52

Tgt Ion: 50 Resp: 130625
 Ion Ratio Lower Upper
 50 100
 52 32.0 23.1 42.9

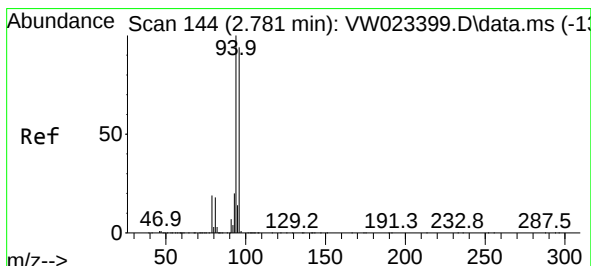
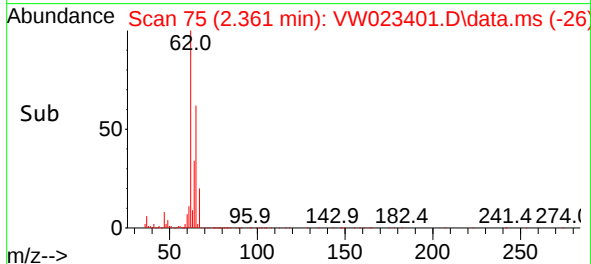
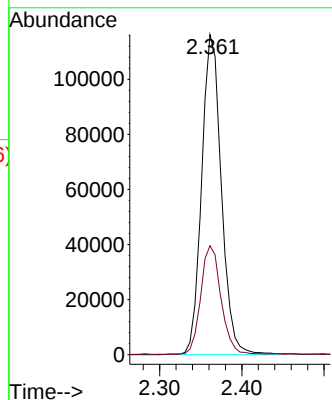
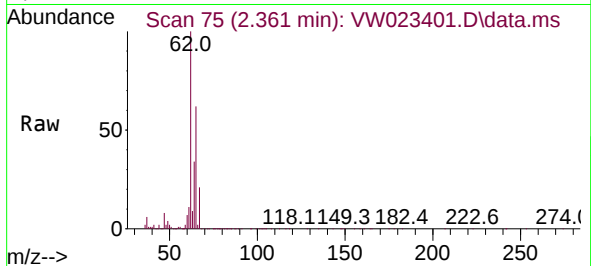




#5
 Vinyl chloride
 Concen: 26.278 ug/L
 RT: 2.361 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VW023401.D
 Acq: 06 Jun 2022 12:52

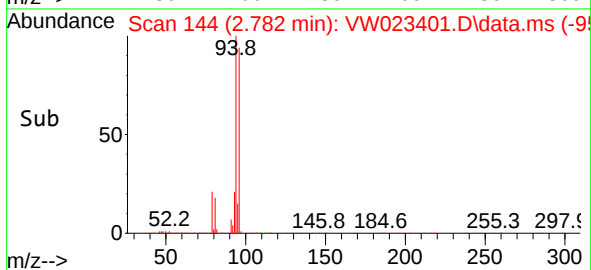
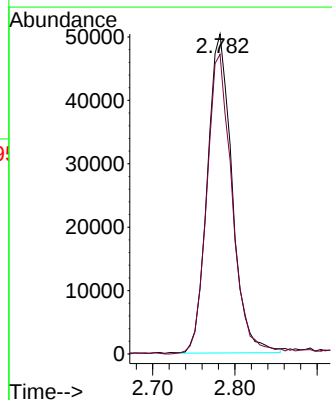
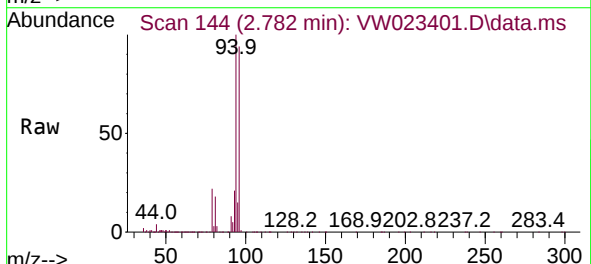
Instrument :
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 ClientSampleId :
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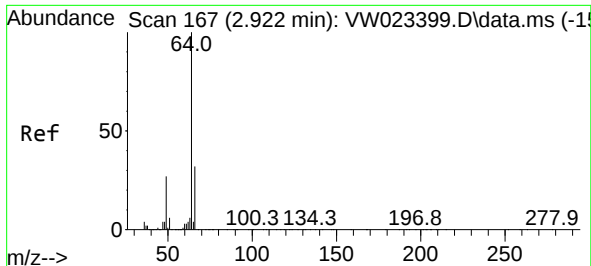
Tgt Ion: 62 Resp: 193289
 Ion Ratio Lower Upper
 62 100
 64 34.1 24.9 46.3



#6
 Bromomethane
 Concen: 26.018 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. -0.000 min
 Lab File: VW023401.D
 Acq: 06 Jun 2022 12:52

Tgt Ion: 94 Resp: 105191
 Ion Ratio Lower Upper
 94 100
 96 93.7 61.7 114.5

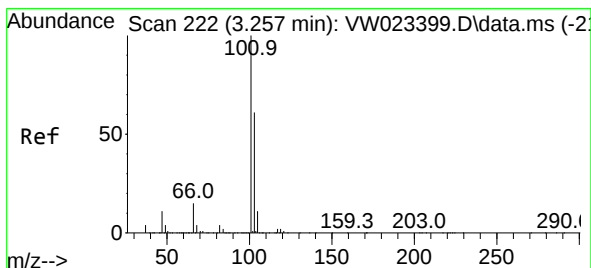
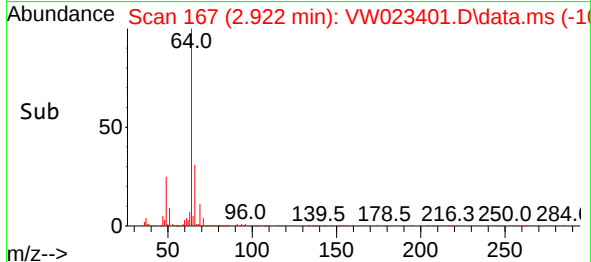
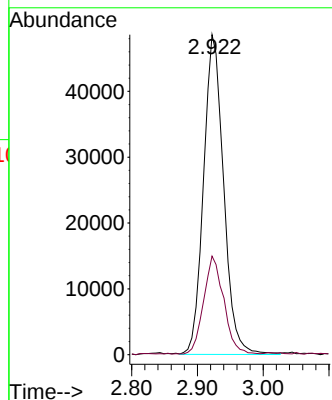
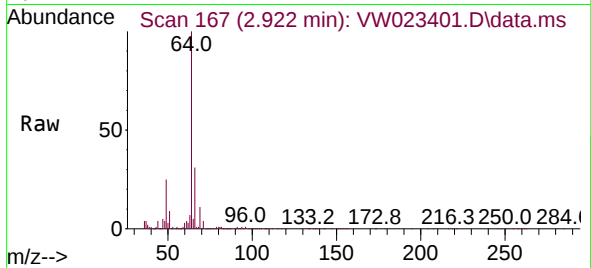




#8
Chloroethane
Concen: 28.702 ug/L
RT: 2.922 min Scan# 167
Delta R.T. 0.000 min
Lab File: VW023401.D
Acq: 06 Jun 2022 12:52

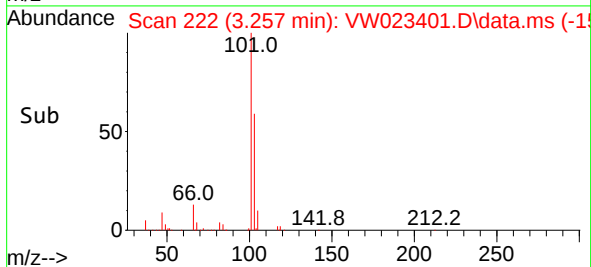
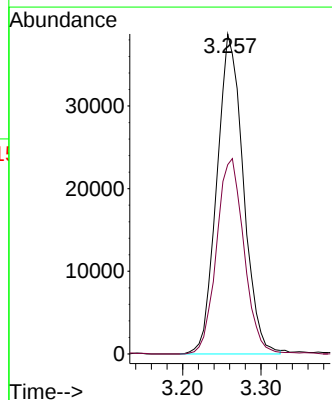
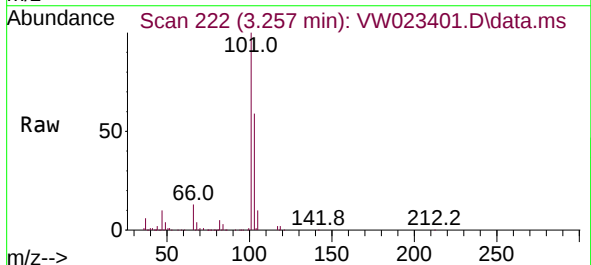
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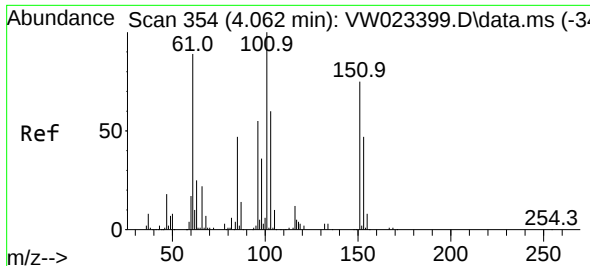
Tgt Ion: 64 Resp: 103344
Ion Ratio Lower Upper
64 100
66 30.8 23.4 43.6



#9
Trichlorofluoromethane
Concen: 22.516 ug/L
RT: 3.257 min Scan# 222
Delta R.T. 0.000 min
Lab File: VW023401.D
Acq: 06 Jun 2022 12:52

Tgt Ion: 101 Resp: 90867
Ion Ratio Lower Upper
101 100
103 63.3 53.9 80.9

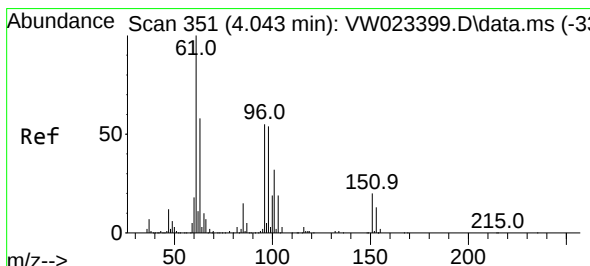
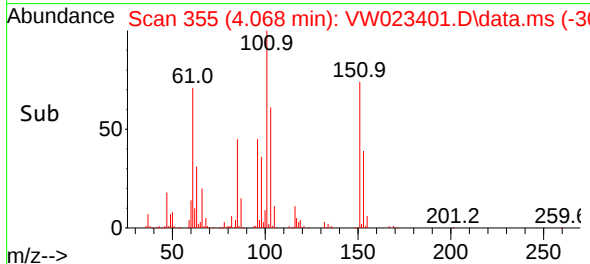
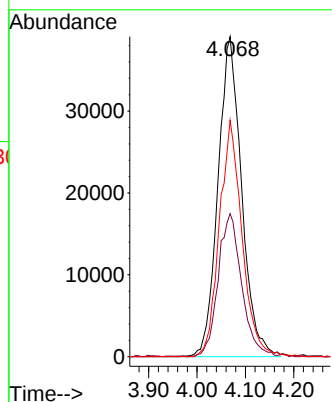
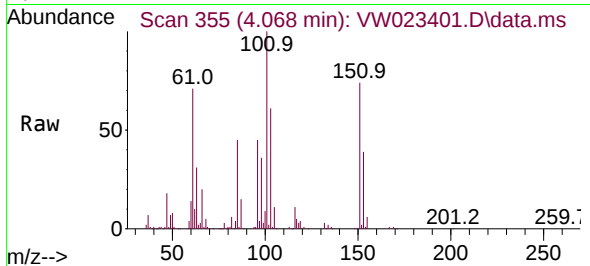




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 24.971 ug/L
 RT: 4.068 min Scan# 354
 Delta R.T. 0.000 min
 Lab File: VW023401.D
 Acq: 06 Jun 2022 12:52

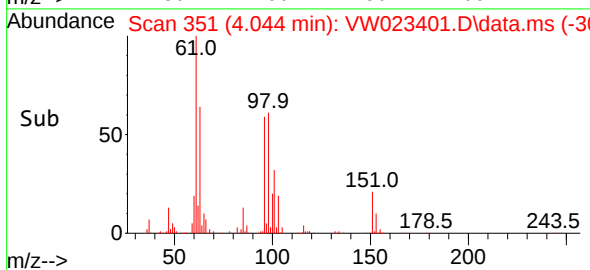
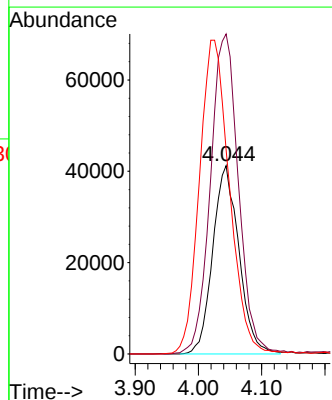
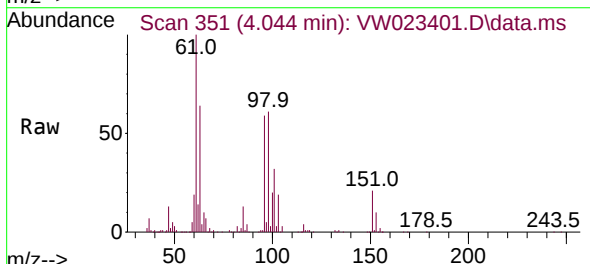
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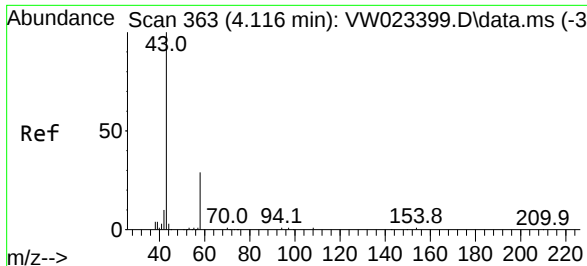
Tgt Ion:101 Resp: 132406
 Ion Ratio Lower Upper
 101 100
 85 44.5 34.3 51.5
 151 70.9 54.2 81.2



#12
 1,1-Dichloroethene
 Concen: 25.061 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. 0.006 min
 Lab File: VW023401.D
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Tgt Ion: 96 Resp: 118564
 Ion Ratio Lower Upper
 96 100
 61 169.8 125.7 233.5
 63 108.3 83.4 155.0

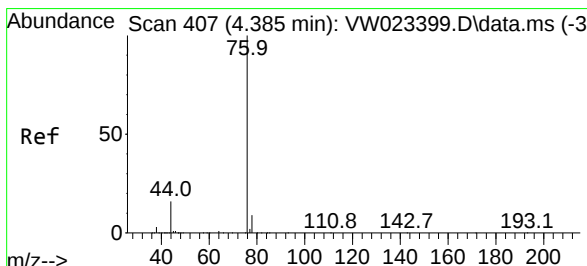
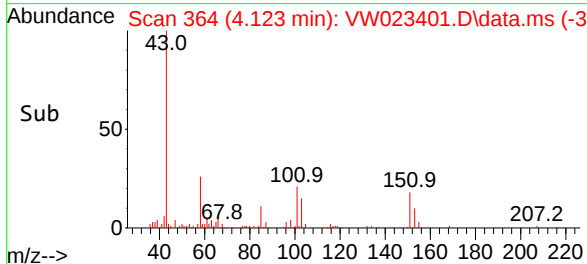
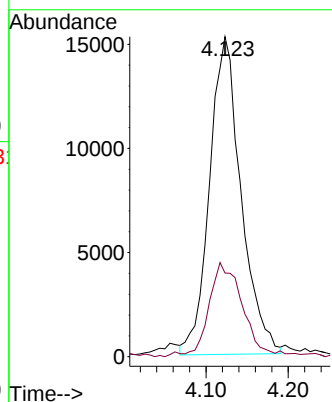
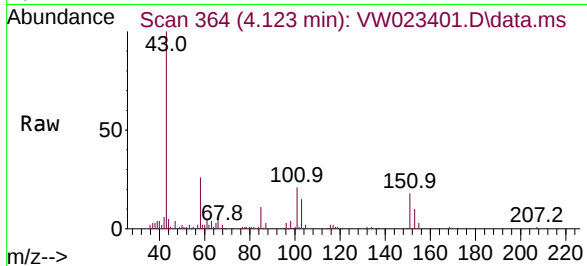




#13
Acetone
Concen: 43.889 ug/L
RT: 4.123 min Scan# 364
Delta R.T. 0.000 min
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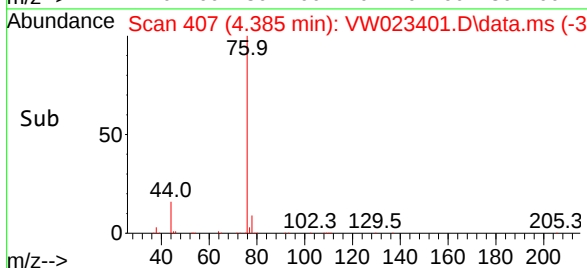
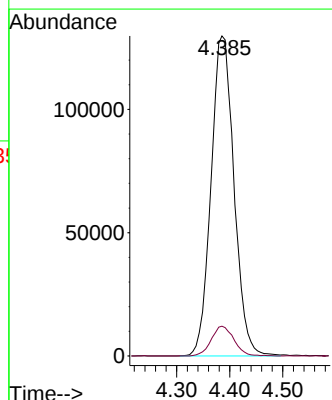
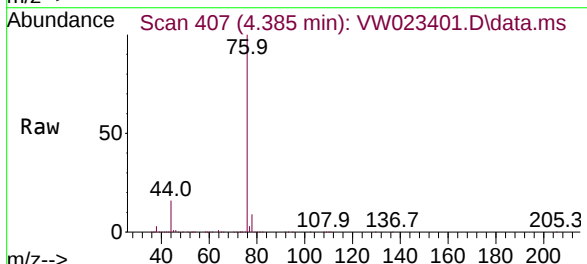
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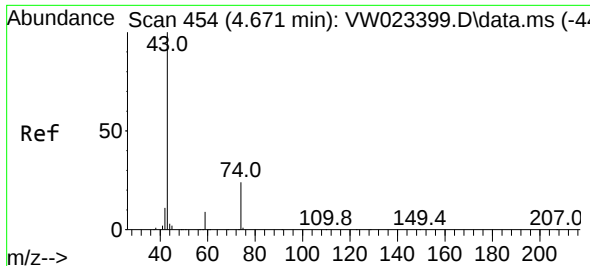
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Ion Ratio Lower Upper
43 100
58 30.6 0.0 64.0



#14
Carbon disulfide
Concen: 25.781 ug/L
RT: 4.385 min Scan# 407
Delta R.T. 0.000 min
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Tgt Ion: 76 Resp: 390934
Ion Ratio Lower Upper
76 100
78 9.3 7.7 11.5

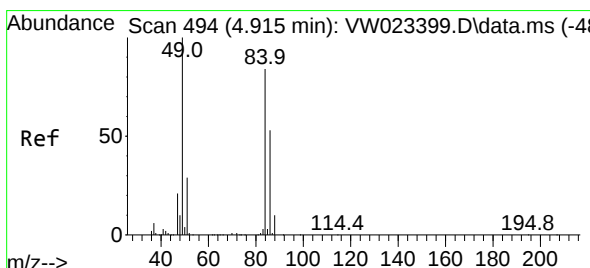
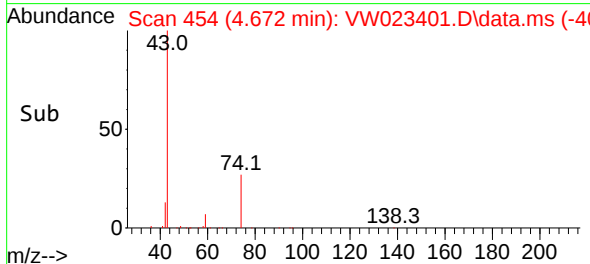
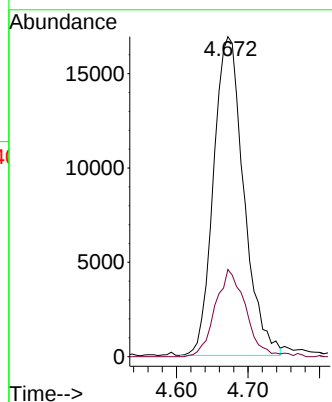
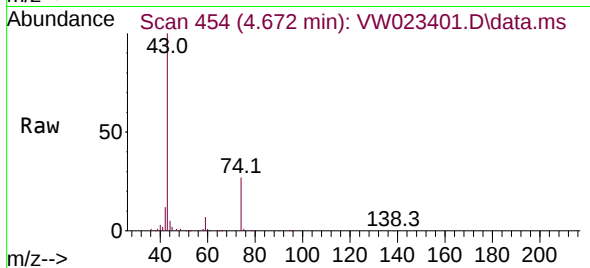




#15
Methyl Acetate
Concen: 24.397 ug/L
RT: 4.672 min Scan# 415
Delta R.T. 0.000 min
Lab File: VW023401.D
Acq: 06 Jun 2022 12:52

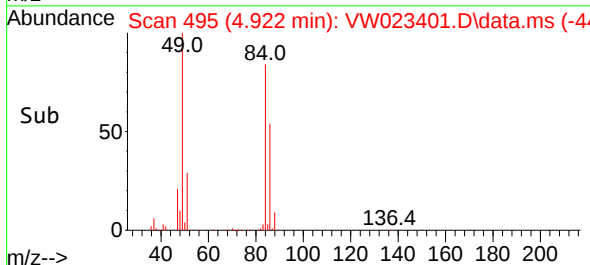
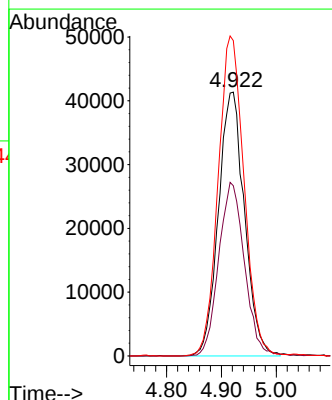
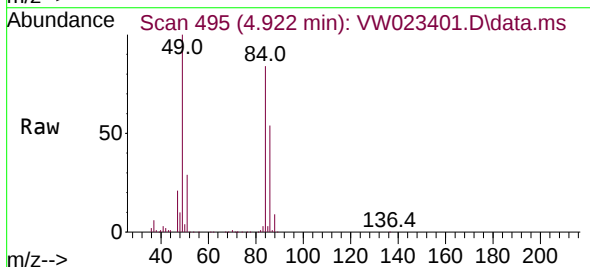
Instrument :
MSVOA_W
ClientSampleId :
VSTD025562

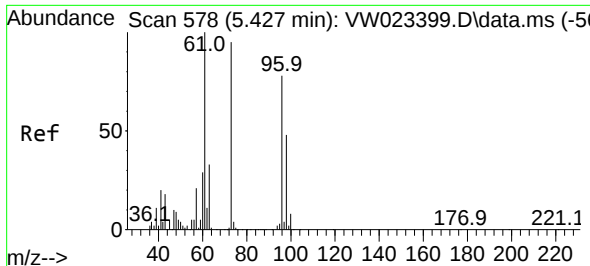
Tgt Ion: 43 Resp: 49648
Ion Ratio Lower Upper
43 100
74 27.3 21.9 32.9



#16
Methylene chloride
Concen: 22.900 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.001 min
Lab File: VW023401.D
Acq: 06 Jun 2022 12:52

Tgt Ion: 84 Resp: 136499
Ion Ratio Lower Upper
84 100
86 64.5 45.4 84.4
49 119.5 82.5 153.1

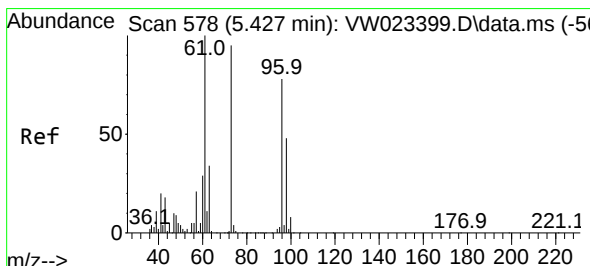
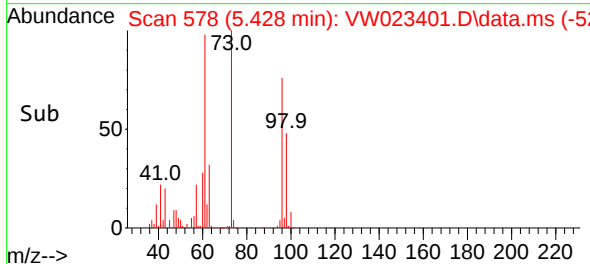
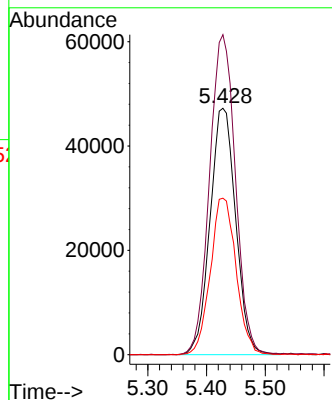
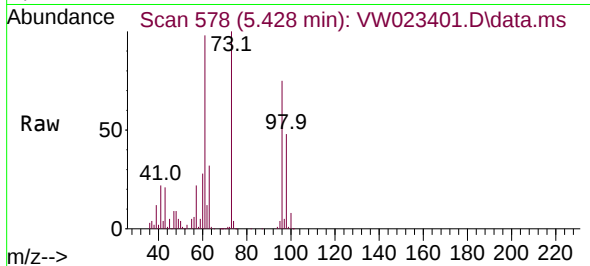




#17
trans-1,2-Dichloroethene
Concen: 25.446 ug/L
RT: 5.428 min Scan# 517
Delta R.T. 0.000 min
Lab File: VW023401.D
Acq: 06 Jun 2022 12:52

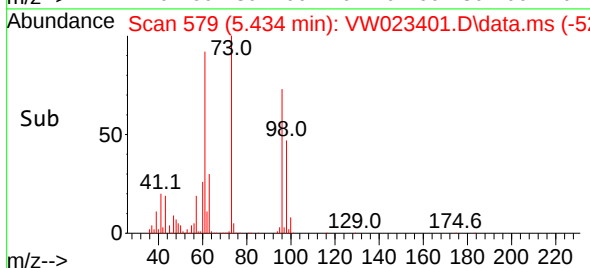
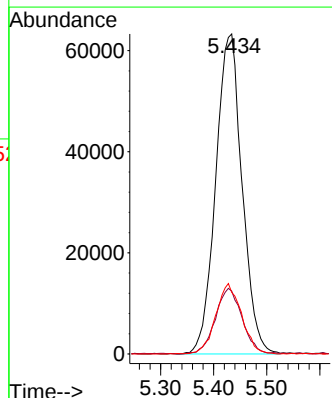
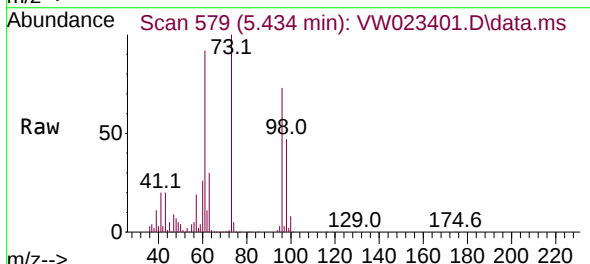
Instrument :
MSVOA_W
ClientSampleId :
VSTD025562

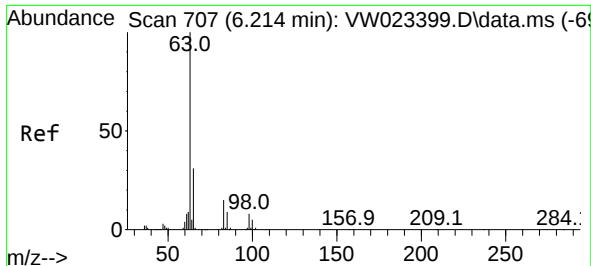
Tgt Ion: 96 Resp: 143456
Ion Ratio Lower Upper
96 100
61 129.9 92.2 171.2
98 63.5 42.9 79.7



#18
Methyl tert-butyl Ether
Concen: 26.790 ug/L
RT: 5.434 min Scan# 579
Delta R.T. 0.006 min
Lab File: VW023401.D
Acq: 06 Jun 2022 12:52

Tgt Ion: 73 Resp: 218869
Ion Ratio Lower Upper
73 100
43 20.4 15.9 23.9
57 21.4 16.5 24.7





#19

1,1-Dichloroethane

Concen: 25.637 ug/L

RT: 6.220 min Scan# 707

Delta R.T. 0.000 min

Lab File: VW023401.D

Acq: 06 Jun 2022 12:52

Instrument :

MSVOA_W

ClientSampleId :

VSTD025562

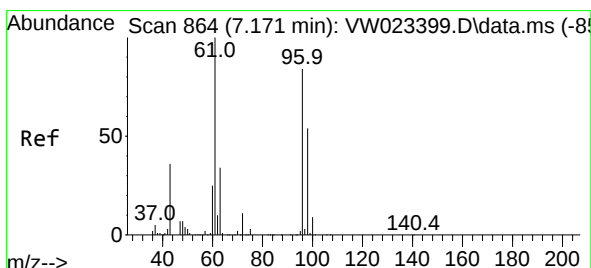
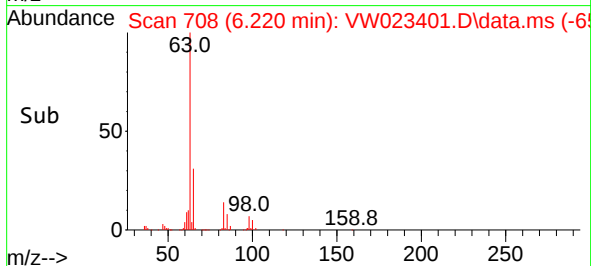
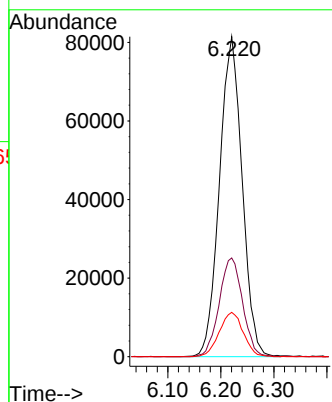
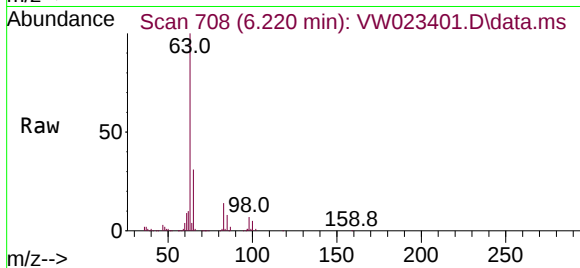
Tgt Ion: 63 Resp: 241715

Ion Ratio Lower Upper

63 100

65 30.8 23.3 43.3

83 13.8 11.1 20.5



#20

cis-1,2-Dichloroethene

Concen: 25.760 ug/L

RT: 7.171 min Scan# 864

Delta R.T. 0.000 min

Lab File: VW023401.D

Acq: 06 Jun 2022 12:52

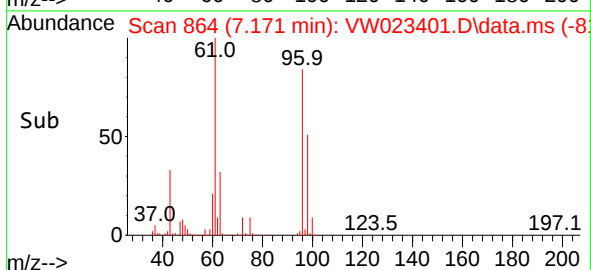
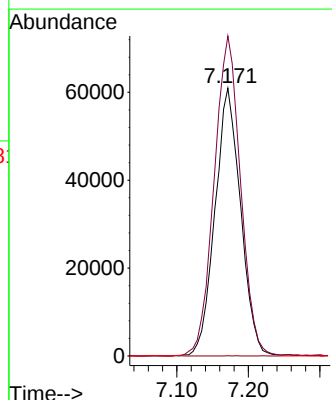
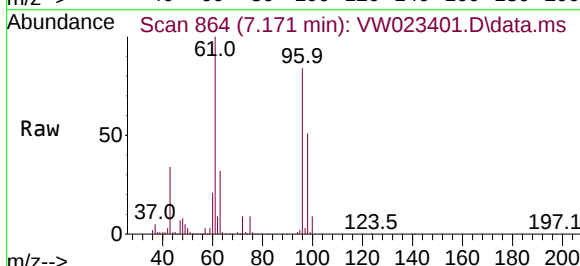
Tgt Ion: 96 Resp: 151901

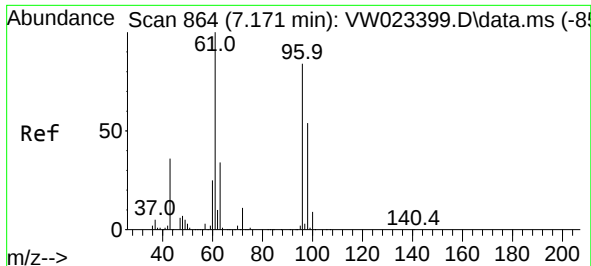
Ion Ratio Lower Upper

96 100

61 119.5 84.2 156.4

68 0.1 0.1 0.1

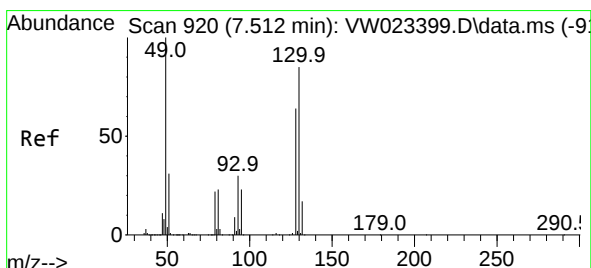
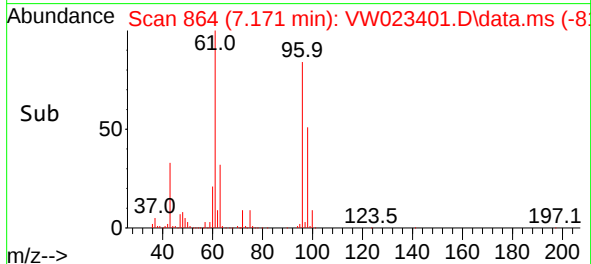
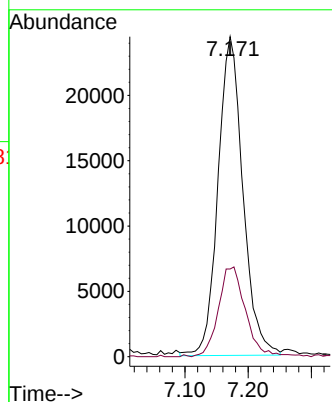
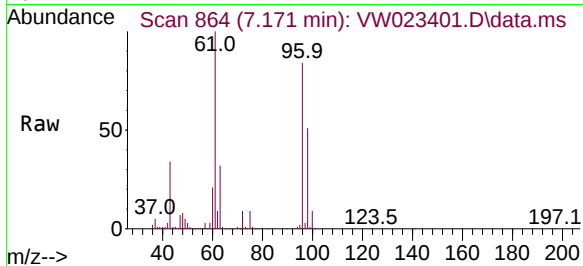




#22
2-Butanone
Concen: 49.403 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW023401.D
Acq: 06 Jun 2022 12:52

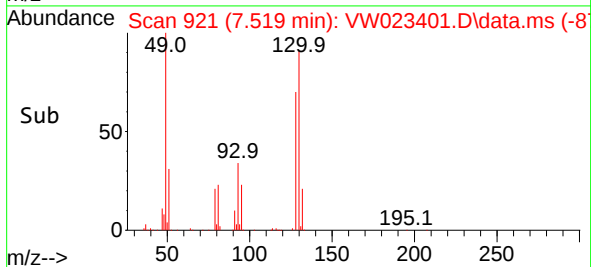
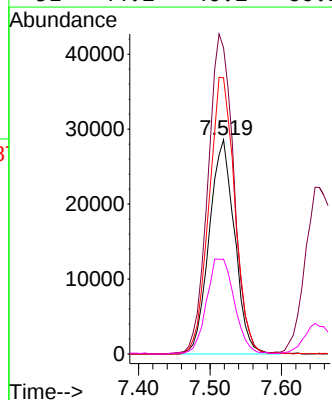
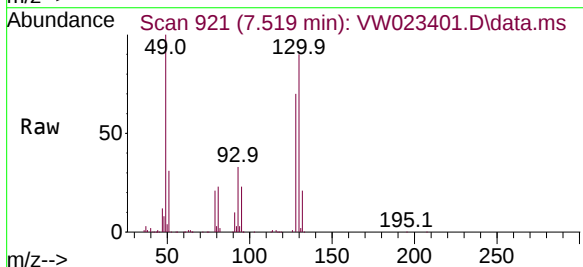
Instrument :
MSVOA_W
ClientSampleId :
VSTD025562

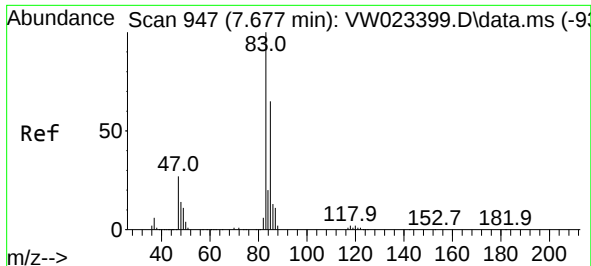
Tgt Ion: 43 Resp: 66613
Ion Ratio Lower Upper
43 100
72 30.3 15.1 45.3



#23
Bromochloromethane
Concen: 25.440 ug/L
RT: 7.519 min Scan# 921
Delta R.T. 0.000 min
Lab File: VW023401.D
Acq: 06 Jun 2022 12:52

Tgt Ion: 128 Resp: 70367
Ion Ratio Lower Upper
128 100
49 142.9 110.0 204.4
130 128.9 94.8 176.0
51 44.2 40.2 60.2

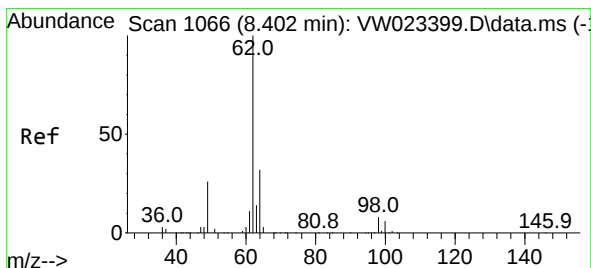
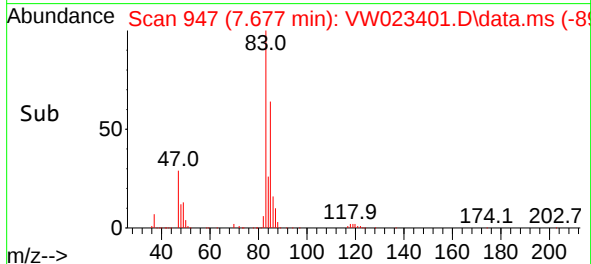
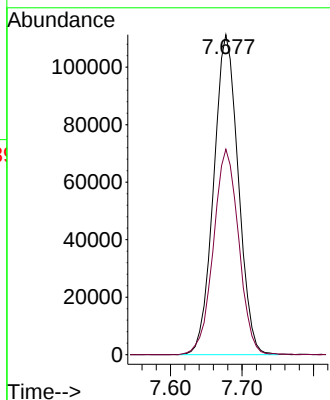
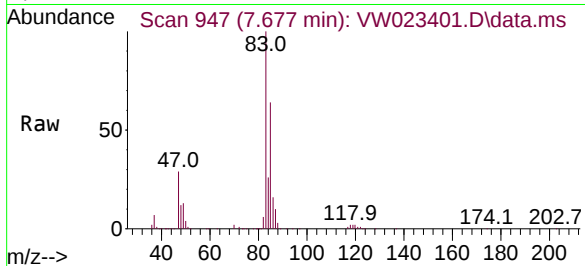




#25
Chloroform
Concen: 25.494 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW023401.D
Acq: 06 Jun 2022 12:52

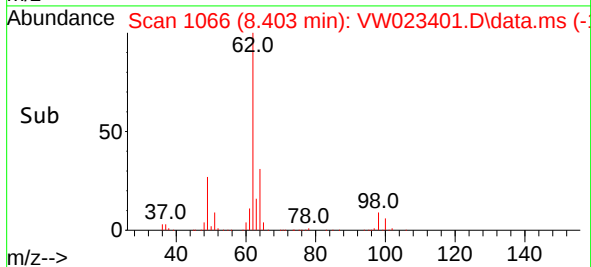
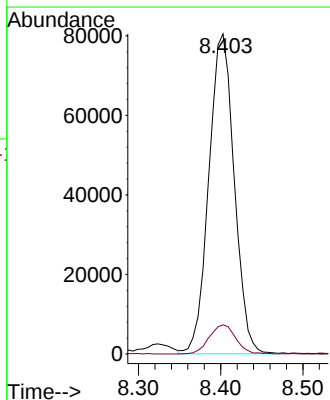
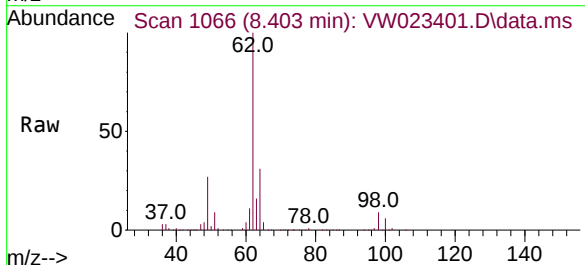
Instrument :
MSVOA_W
ClientSampleId :
VSTD025562

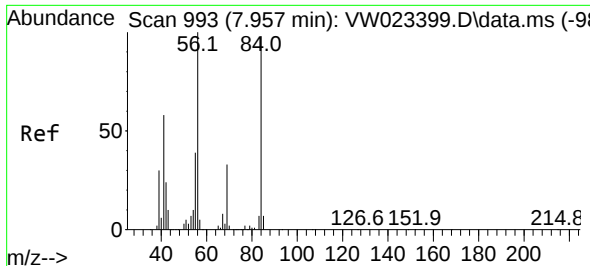
Tgt Ion: 83 Resp: 266194
Ion Ratio Lower Upper
83 100
85 64.2 46.6 86.6



#27
1,2-Dichloroethane
Concen: 26.323 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VW023401.D
Acq: 06 Jun 2022 12:52

Tgt Ion: 62 Resp: 173042
Ion Ratio Lower Upper
62 100
98 9.1 7.2 10.8

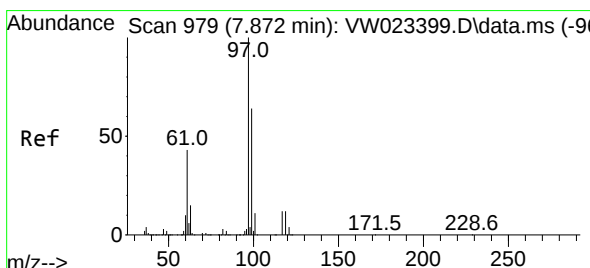
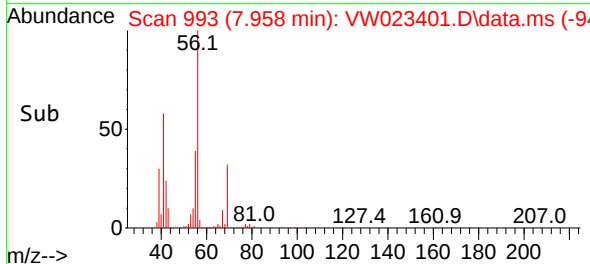
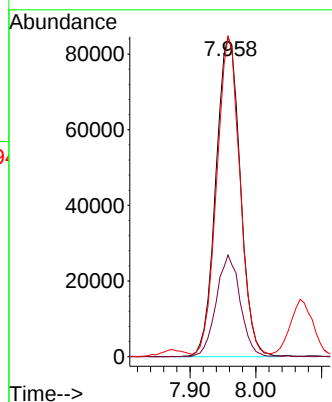
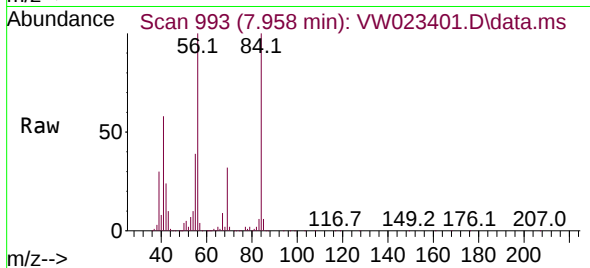




#29
Cyclohexane
Concen: 26.372 ug/L
RT: 7.958 min Scan# 993
Delta R.T. 0.000 min
Lab File: VW023401.D
Acq: 06 Jun 2022 12:52

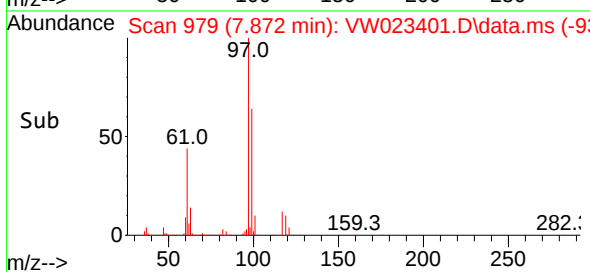
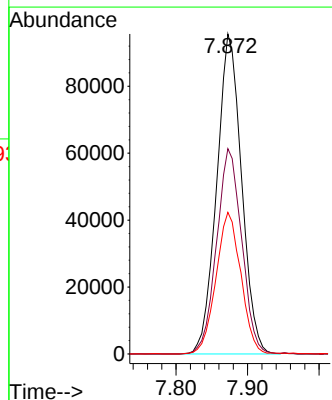
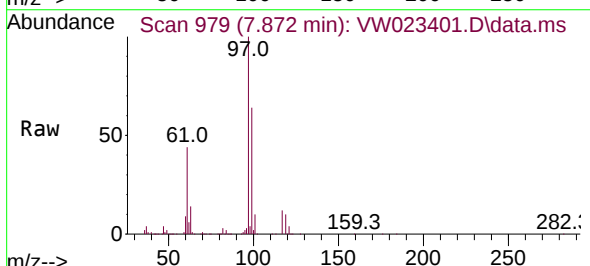
Instrument :
MSVOA_W
ClientSampleId :
VSTD025562

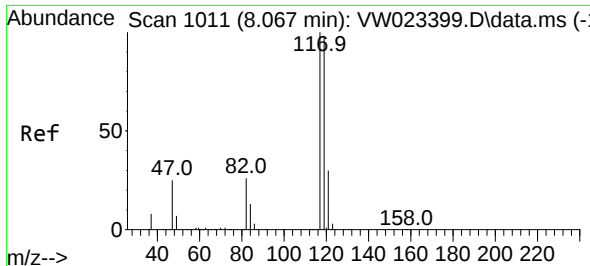
Tgt Ion: 56 Resp: 217778
Ion Ratio Lower Upper
56 100
69 31.3 25.6 38.4
84 95.9 78.2 117.4



#30
1,1,1-Trichloroethane
Concen: 25.123 ug/L
RT: 7.872 min Scan# 979
Delta R.T. -0.006 min
Lab File: VW023401.D
Acq: 06 Jun 2022 12:52

Tgt Ion: 97 Resp: 230988
Ion Ratio Lower Upper
97 100
99 64.7 51.0 76.4
61 44.2 34.8 52.2

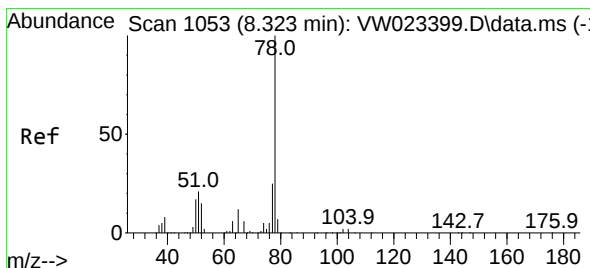
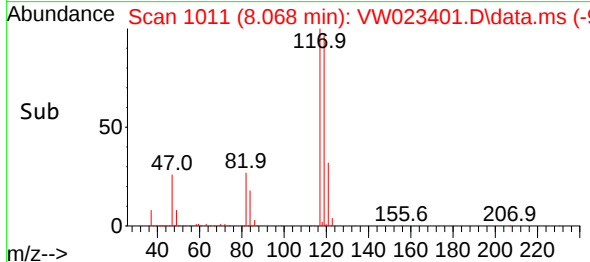
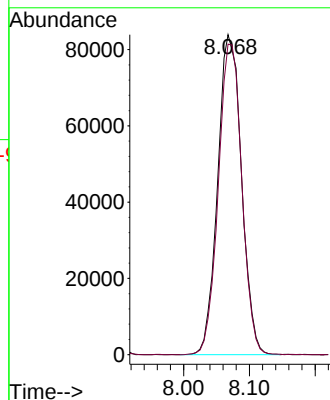
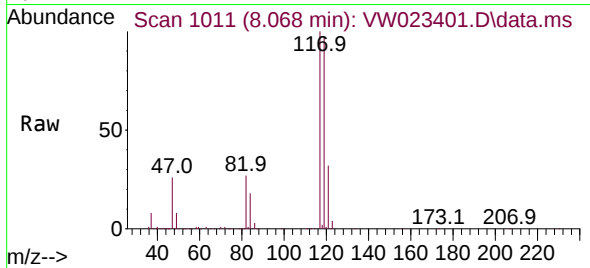




#31
Carbon tetrachloride
Concen: 24.930 ug/L
RT: 8.068 min Scan# 1011
Delta R.T. -0.006 min
Lab File: VW023401.D
Acq: 06 Jun 2022 12:52

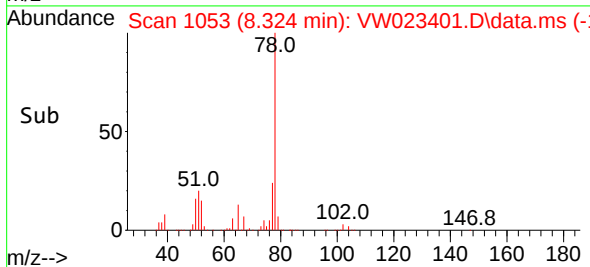
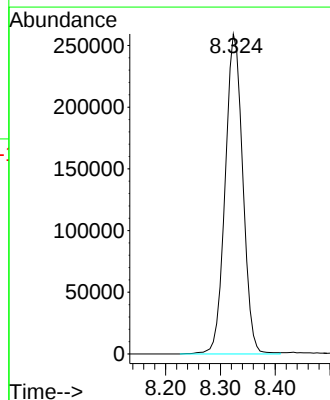
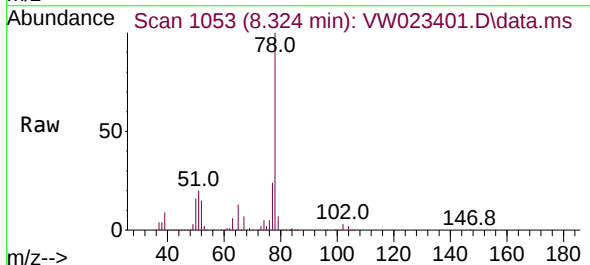
Instrument :
MSVOA_W
ClientSampleId :
VSTD025562

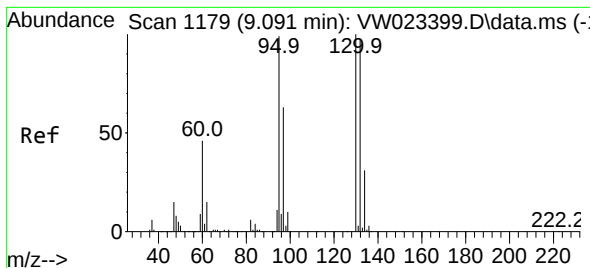
Tgt Ion:117 Resp: 211457
Ion Ratio Lower Upper
117 100
119 95.9 76.6 115.0



#33
Benzene
Concen: 25.599 ug/L
RT: 8.324 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VW023401.D
Acq: 06 Jun 2022 12:52

Tgt Ion: 78 Resp: 580590





#34

Trichloroethene

Concen: 25.203 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VW023401.D

Acq: 06 Jun 2022 12:52

Instrument :

MSVOA_W

ClientSampleId :

VSTD025562

Tgt Ion: 95 Resp: 156371

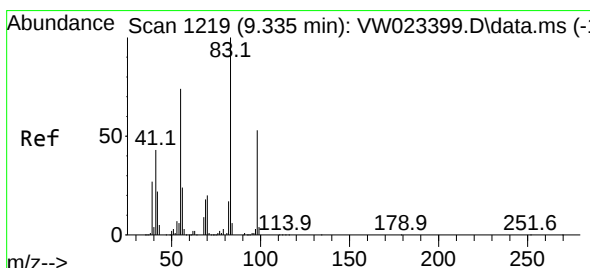
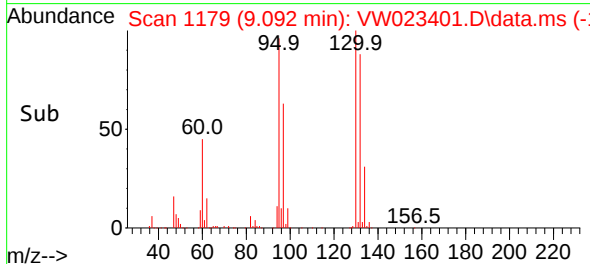
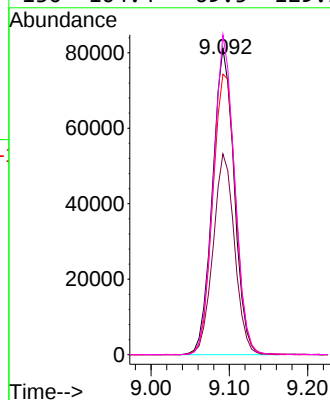
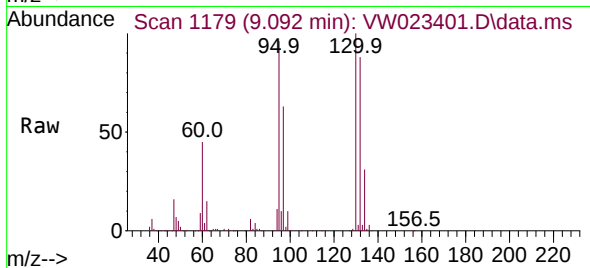
Ion Ratio Lower Upper

95 100

97 65.5 46.1 85.7

132 91.5 66.9 124.3

130 104.4 69.5 129.1



#35

Methylcyclohexane

Concen: 25.604 ug/L

RT: 9.336 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VW023401.D

Acq: 06 Jun 2022 12:52

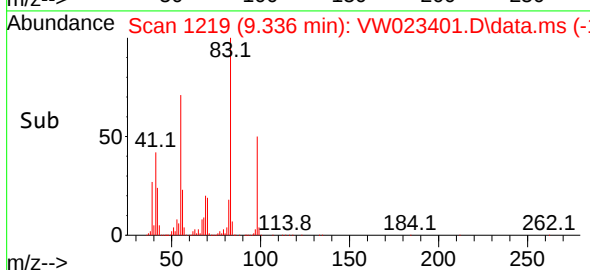
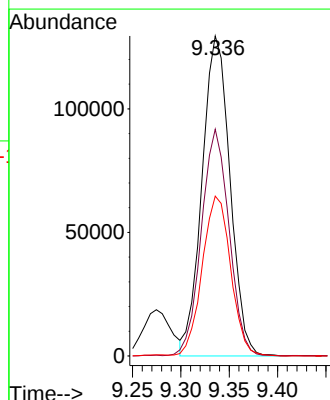
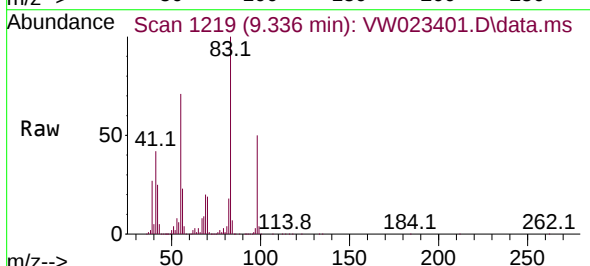
Tgt Ion: 83 Resp: 260741

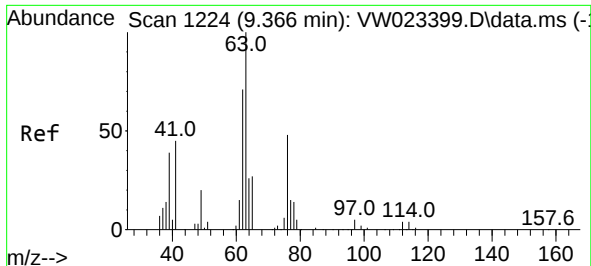
Ion Ratio Lower Upper

83 100

55 70.3 55.1 82.7

98 50.9 40.4 60.6





#37

1,2-Dichloropropane

Concen: 25.836 ug/L

RT: 9.366 min Scan# 1224

Delta R.T. 0.000 min

Lab File: VW023401.D

Acq: 06 Jun 2022 12:52

Instrument :

MSVOA_W

ClientSampleId :

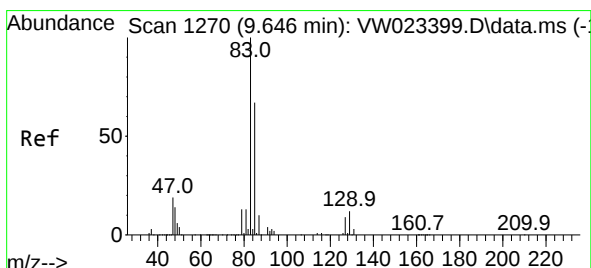
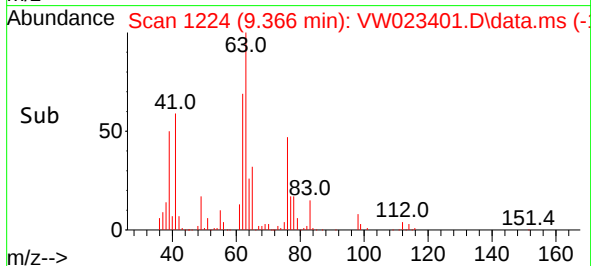
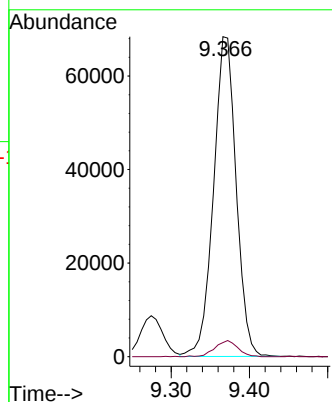
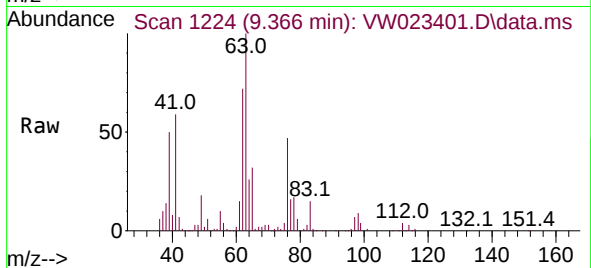
VSTD025562

Tgt Ion: 63 Resp: 137318

Ion Ratio Lower Upper

63 100

112 5.0 3.8 5.8



#38

Bromodichloromethane

Concen: 26.269 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VW023401.D

Acq: 06 Jun 2022 12:52

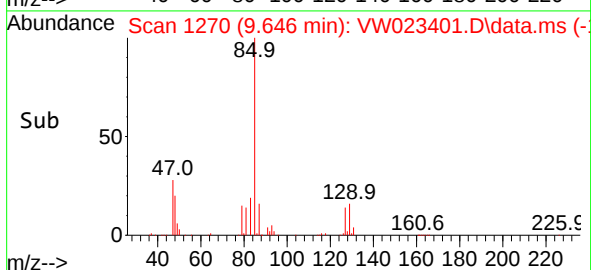
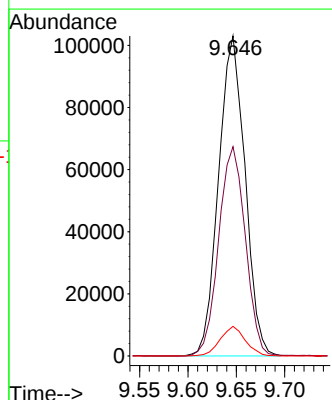
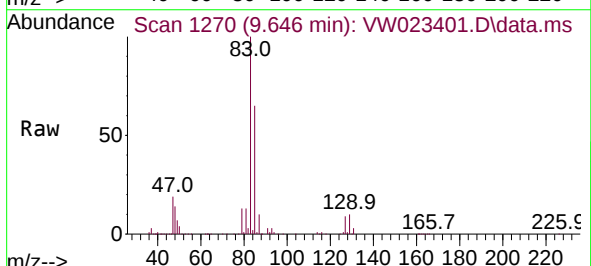
Tgt Ion: 83 Resp: 195882

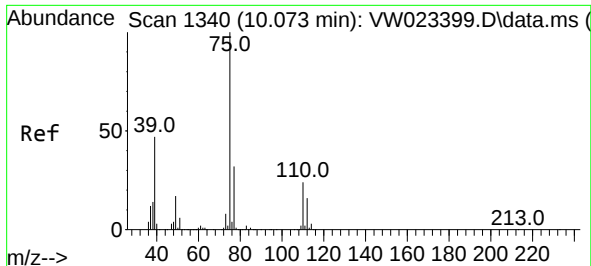
Ion Ratio Lower Upper

83 100

85 65.4 43.5 80.7

127 9.2 7.1 10.7





#39

cis-1,3-Dichloropropene

Concen: 26.672 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. 0.000 min

Lab File: VW023401.D

Acq: 06 Jun 2022 12:52

Instrument :

MSVOA_W

ClientSampleId :

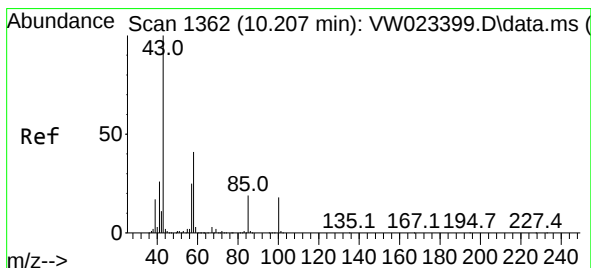
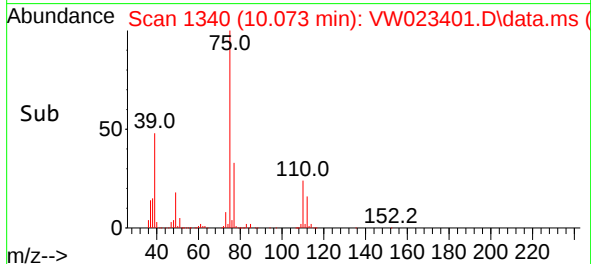
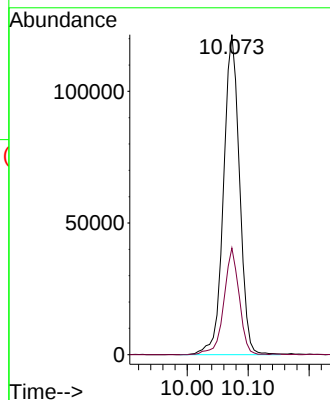
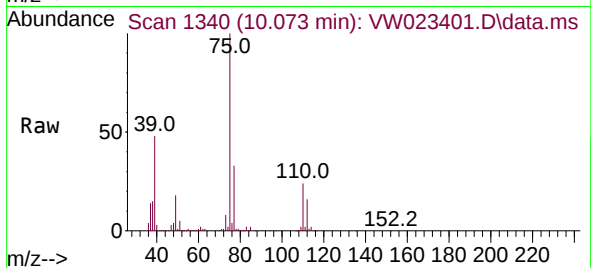
VSTD025562

Tgt Ion: 75 Resp: 222078

Ion Ratio Lower Upper

75 100

77 33.4 22.1 41.1



#40

4-Methyl-2-pentanone

Concen: 53.320 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW023401.D

Acq: 06 Jun 2022 12:52

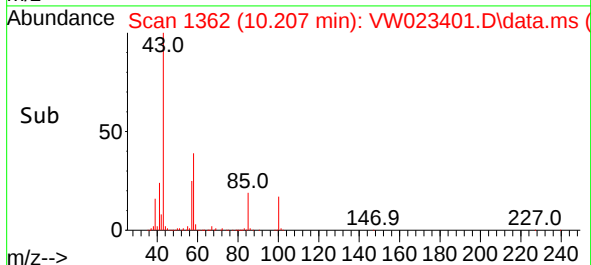
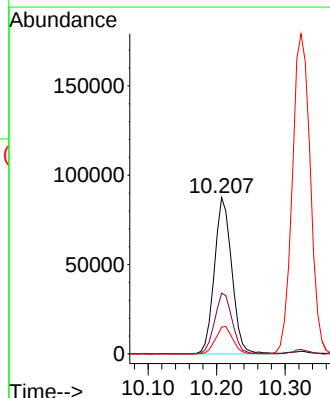
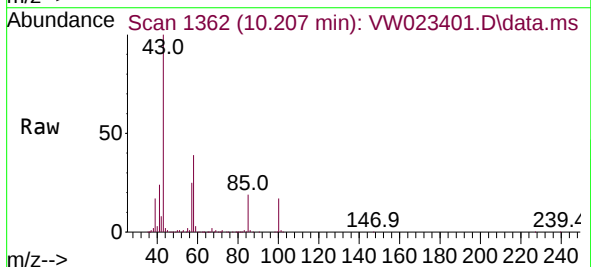
Tgt Ion: 43 Resp: 154084

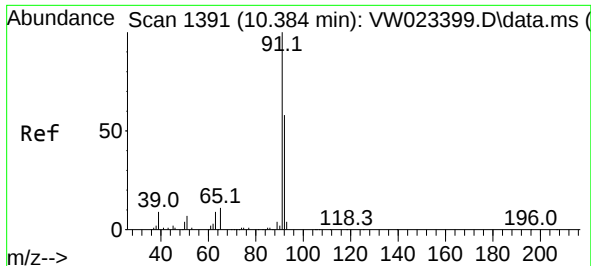
Ion Ratio Lower Upper

43 100

58 39.3 31.4 47.2

100 17.5 14.2 21.4

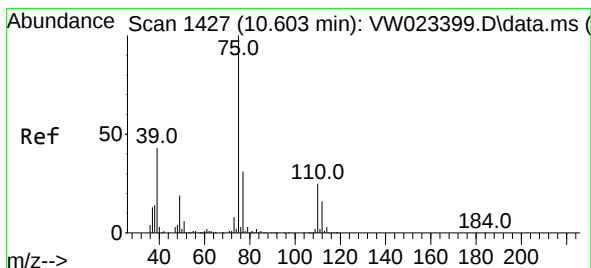
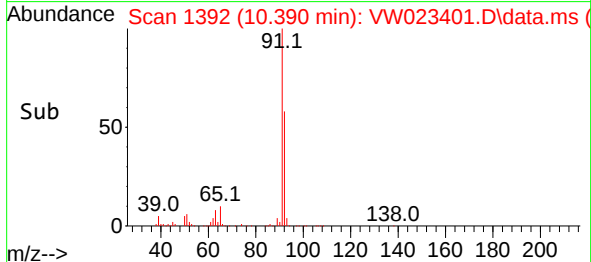
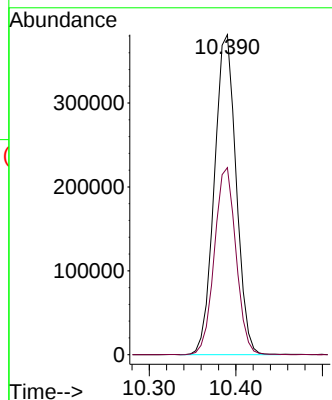
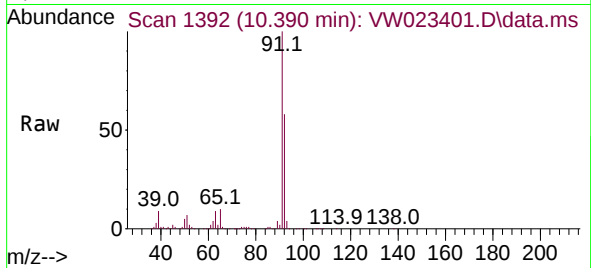




#42
Toluene
Concen: 26.093 ug/L
RT: 10.390 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VW023401.D
Acq: 06 Jun 2022 12:52

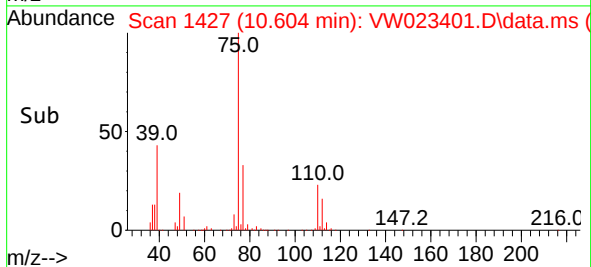
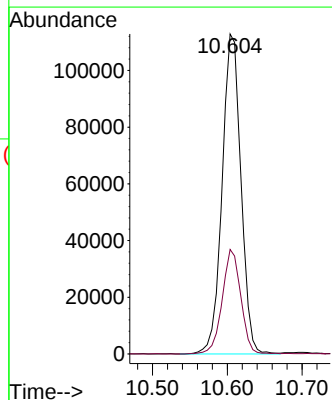
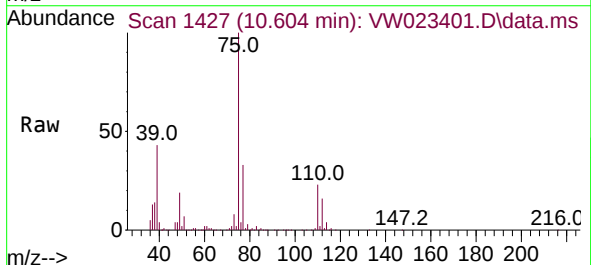
Instrument :
MSVOA_W
ClientSampleId :
VSTD025562

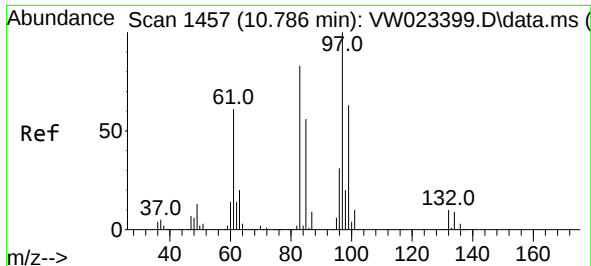
Tgt Ion: 91 Resp: 667313
Ion Ratio Lower Upper
91 100
92 58.4 41.6 77.2



#44
trans-1,3-Dichloropropene
Concen: 27.231 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW023401.D
Acq: 06 Jun 2022 12:52

Tgt Ion: 75 Resp: 197885
Ion Ratio Lower Upper
75 100
77 32.7 22.0 40.8

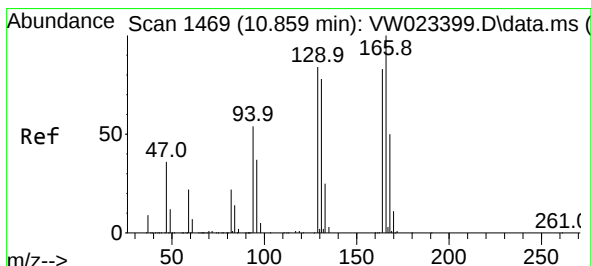
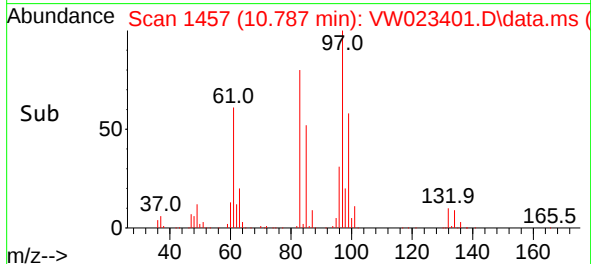
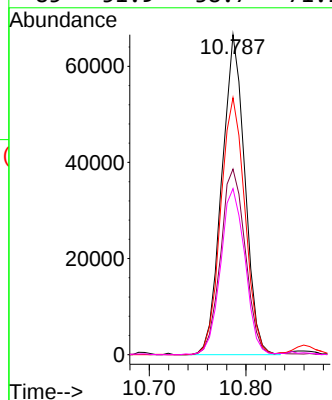
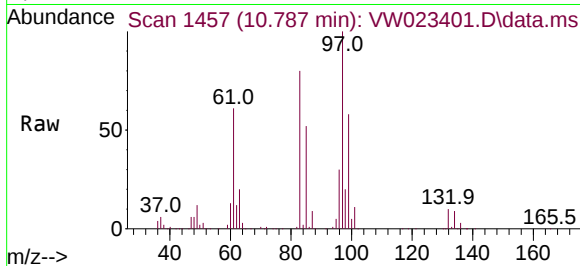




#45
1,1,2-Trichloroethane
Concen: 25.814 ug/L
RT: 10.787 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW023401.D
Acq: 06 Jun 2022 12:52

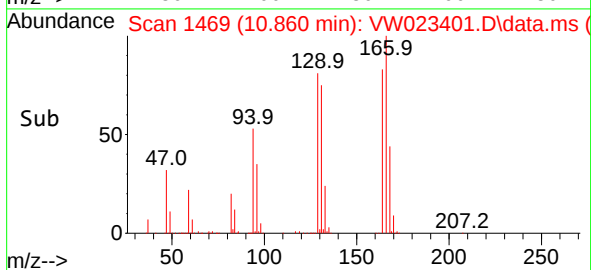
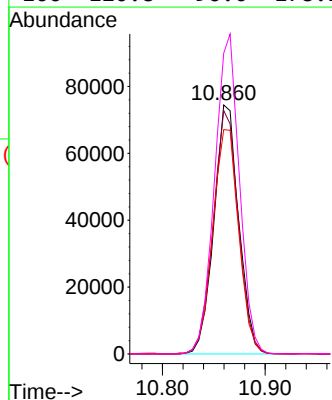
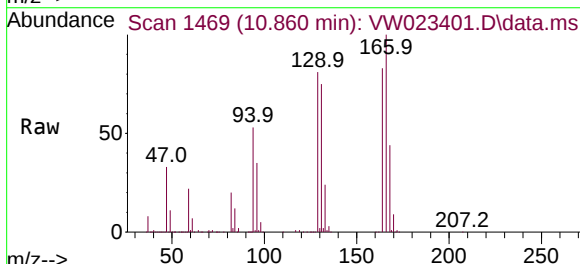
Instrument :
MSVOA_W
ClientSampleId :
VSTD025562

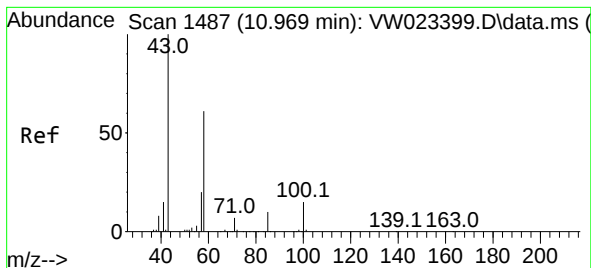
Tgt Ion:	97	Resp:	110149
Ion	Ratio	Lower	Upper
97	100		
99	58.0	44.7	82.9
83	80.3	58.4	108.4
85	51.9	38.7	71.9



#46
Tetrachloroethene
Concen: 25.355 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.001 min
Lab File: VW023401.D
Acq: 06 Jun 2022 12:52

Tgt Ion:	164	Resp:	124448
Ion	Ratio	Lower	Upper
164	100		
129	97.7	76.9	142.7
131	90.1	75.1	139.5
166	120.8	96.0	178.2





#48

2-Hexanone

Concen: 55.610 ug/L

RT: 10.969 min Scan# 1487

Delta R.T. 0.000 min

Lab File: VW023401.D

Acq: 06 Jun 2022 12:52

Instrument :

MSVOA_W

ClientSampleId :

VSTD025562

Tgt Ion: 43 Resp: 103921

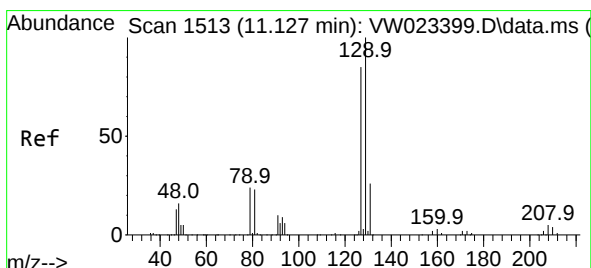
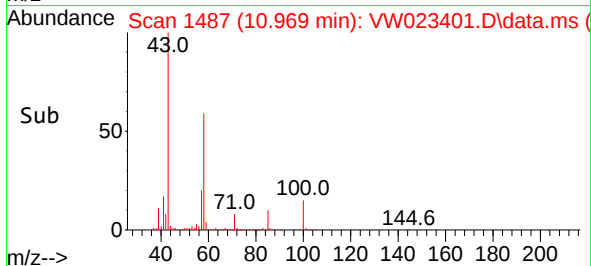
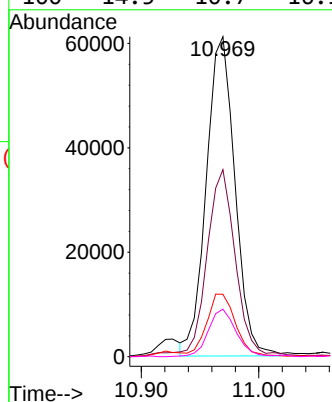
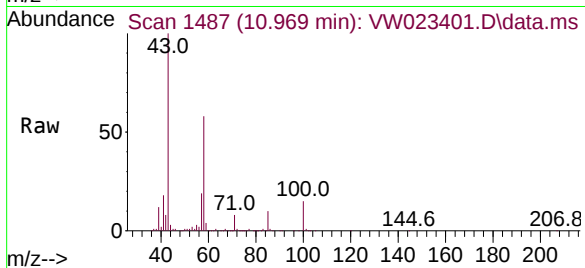
Ion Ratio Lower Upper

43 100

58 55.2 45.9 68.9

57 19.9 16.2 24.2

100 14.5 10.7 16.1



#49

Dibromochloromethane

Concen: 26.624 ug/L

RT: 11.128 min Scan# 1513

Delta R.T. 0.000 min

Lab File: VW023401.D

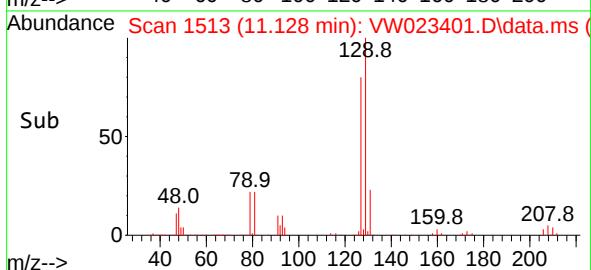
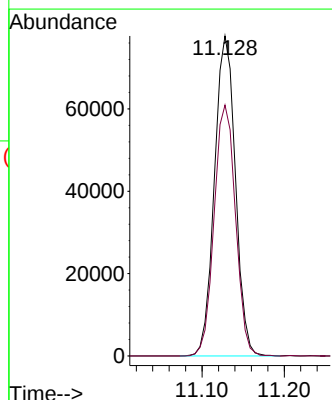
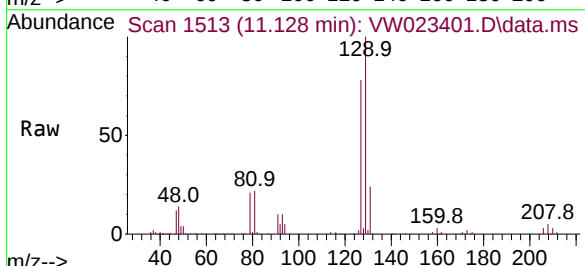
Acq: 06 Jun 2022 12:52

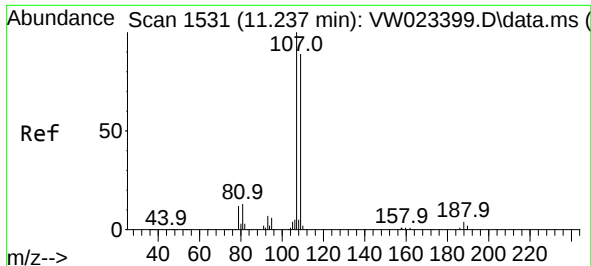
Tgt Ion: 129 Resp: 137404

Ion Ratio Lower Upper

129 100

127 78.4 53.8 100.0





#50

1,2-Dibromoethane

Concen: 26.537 ug/L

RT: 11.238 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW023401.D

Acq: 06 Jun 2022 12:52

Instrument :

MSVOA_W

ClientSampleId :

VSTD025562

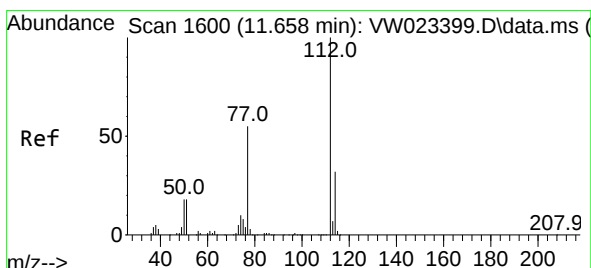
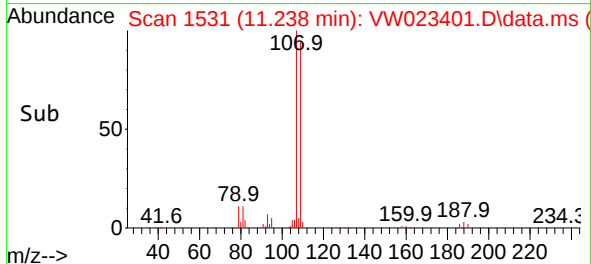
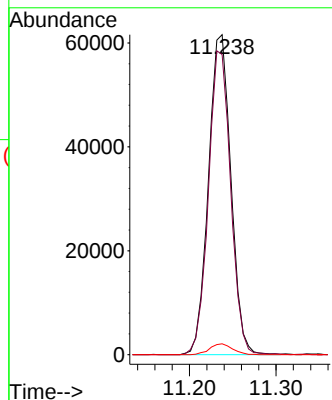
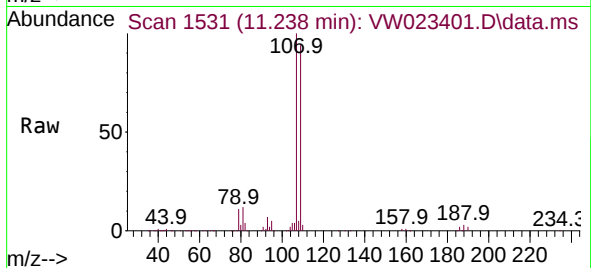
Tgt Ion:107 Resp: 110923

Ion Ratio Lower Upper

107 100

109 93.8 67.5 125.4

188 3.4 2.9 4.3



#51

Chlorobenzene

Concen: 25.865 ug/L

RT: 11.658 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VW023401.D

Acq: 06 Jun 2022 12:52

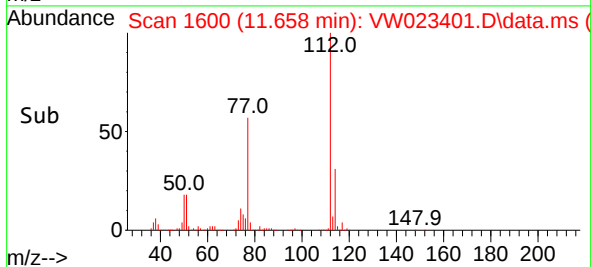
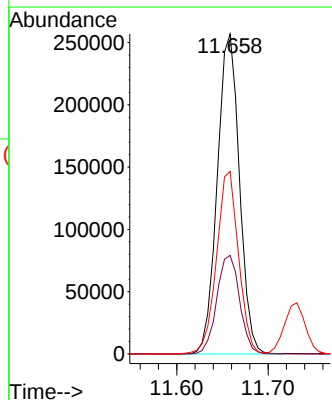
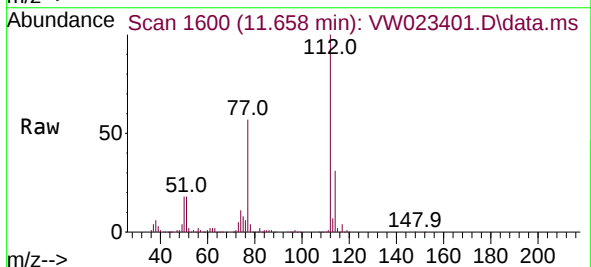
Tgt Ion:112 Resp: 432913

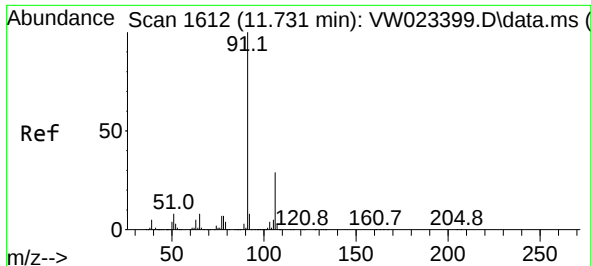
Ion Ratio Lower Upper

112 100

114 30.8 22.0 41.0

77 57.1 42.6 63.8

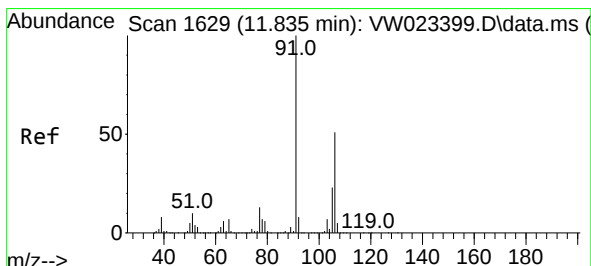
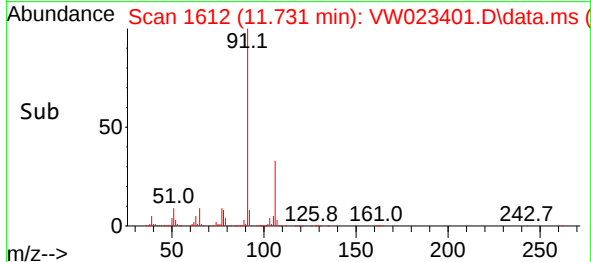
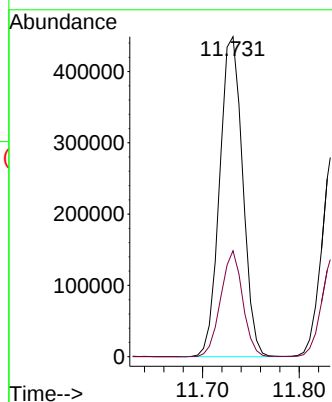
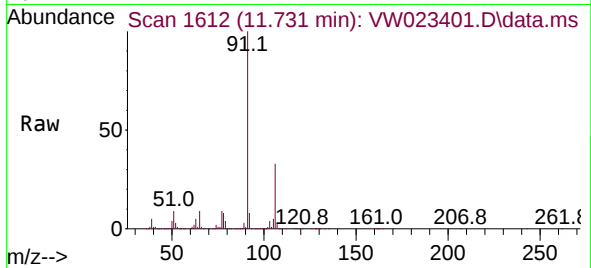




#52
Ethylbenzene
Concen: 26.286 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW023401.D
Acq: 06 Jun 2022 12:52

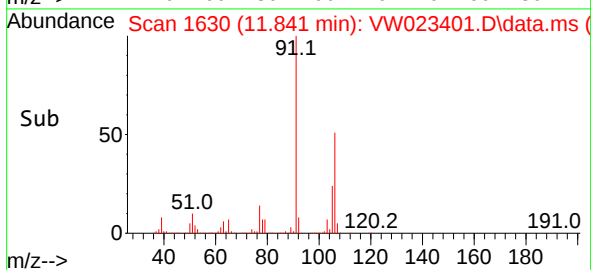
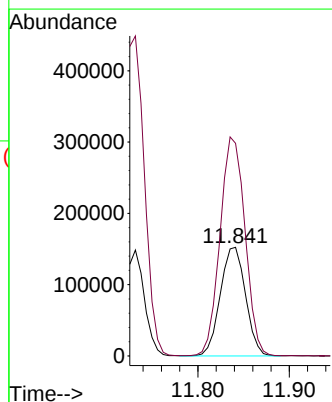
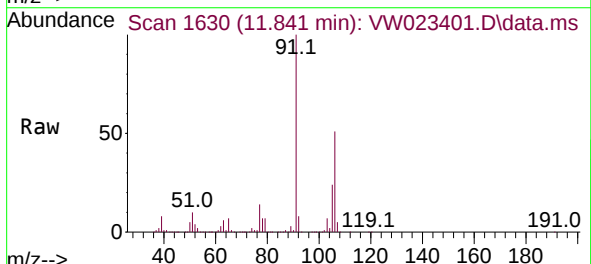
Instrument :
MSVOA_W
ClientSampleId :
VSTD025562

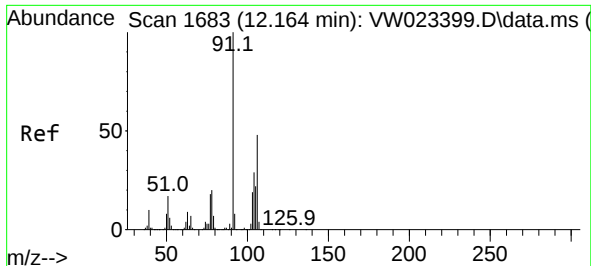
Tgt Ion: 91 Resp: 740673
Ion Ratio Lower Upper
91 100
106 33.1 22.3 41.3



#53
m,p-Xylene
Concen: 26.765 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.006 min
Lab File: VW023401.D
Acq: 06 Jun 2022 12:52

Tgt Ion: 106 Resp: 291911
Ion Ratio Lower Upper
106 100
91 195.8 136.8 254.0

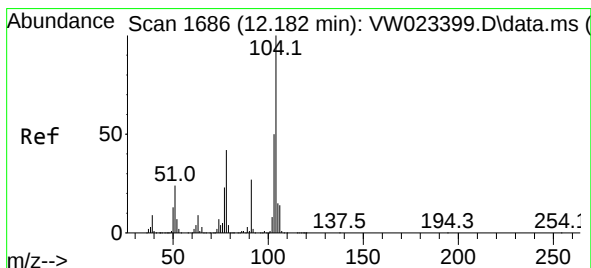
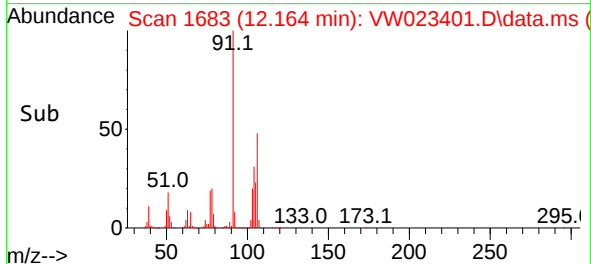
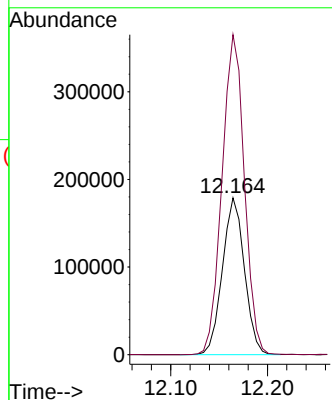
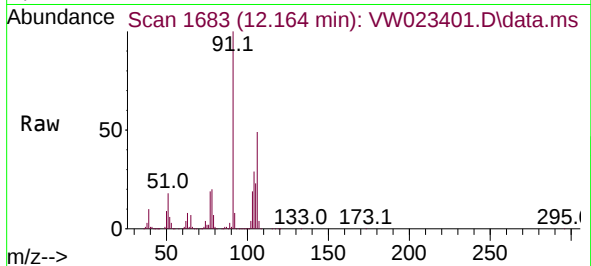




#54
o-Xylene
Concen: 27.021 ug/L
RT: 12.164 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW023401.D
Acq: 06 Jun 2022 12:52

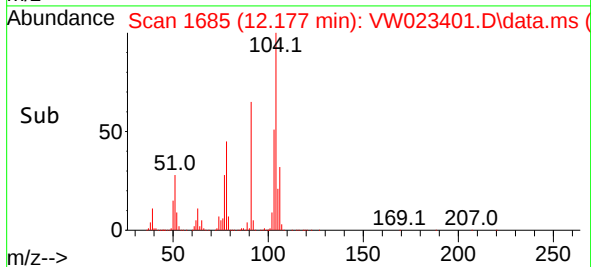
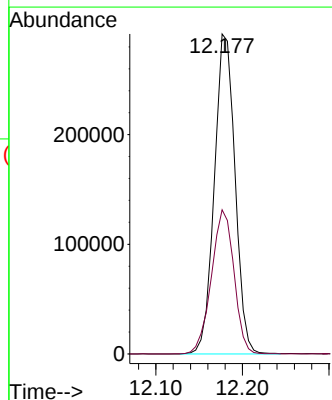
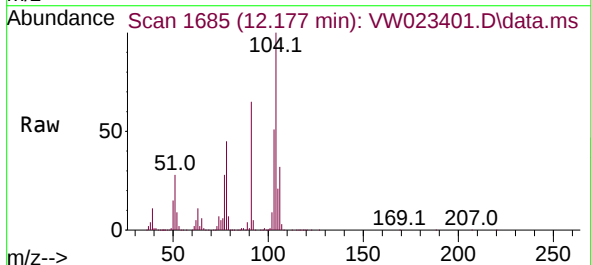
Instrument :
MSVOA_W
ClientSampleId :
VSTD025562

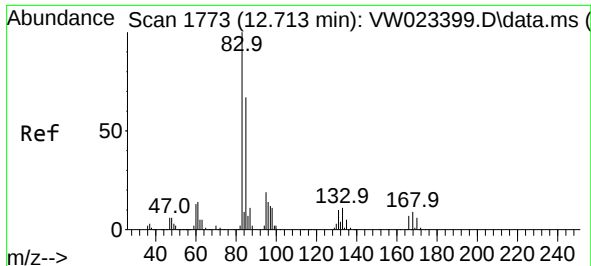
Tgt Ion:106 Resp: 282318
Ion Ratio Lower Upper
106 100
91 204.0 147.2 273.4



#55
Styrene
Concen: 26.974 ug/L
RT: 12.177 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VW023401.D
Acq: 06 Jun 2022 12:52

Tgt Ion:104 Resp: 484952
Ion Ratio Lower Upper
104 100
78 45.0 32.3 59.9





#57

1,1,2,2-Tetrachloroethane

Concen: 26.002 ug/L

RT: 12.713 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VW023401.D

Acq: 06 Jun 2022 12:52

Instrument :

MSVOA_W

ClientSampleId :

VSTD025562

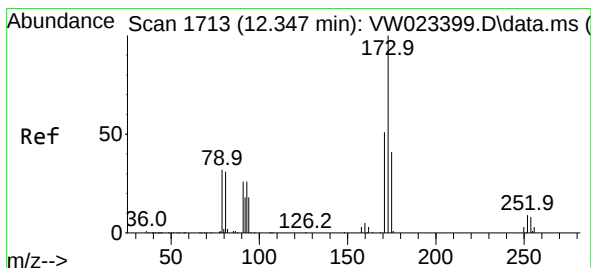
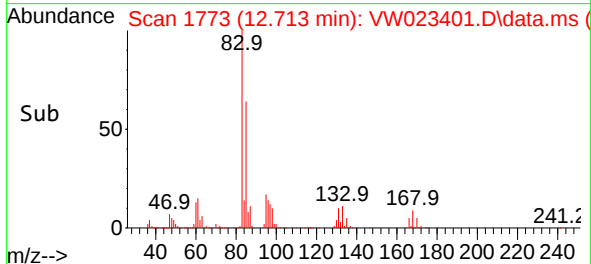
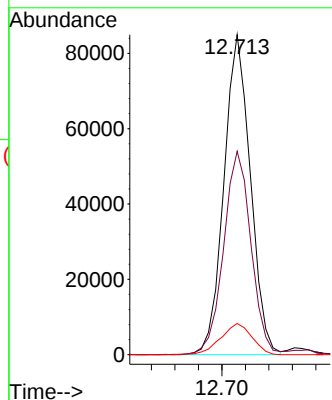
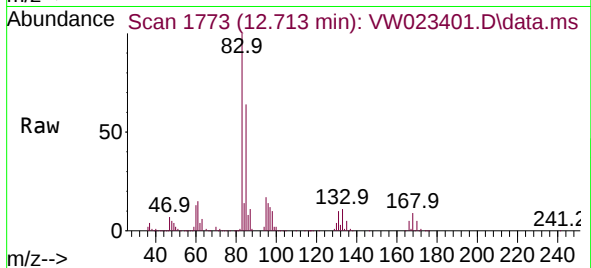
Tgt Ion: 83 Resp: 133049

Ion Ratio Lower Upper

83 100

85 63.6 47.5 88.1

131 9.8 8.7 13.1



#59

Bromoform

Concen: 26.175 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. 0.000 min

Lab File: VW023401.D

Acq: 06 Jun 2022 12:52

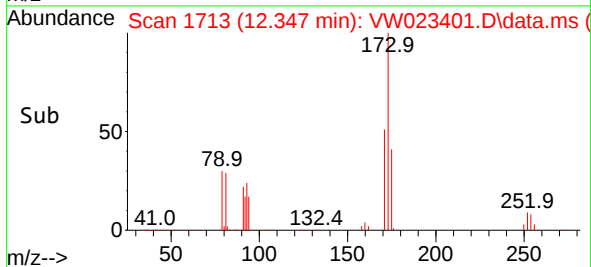
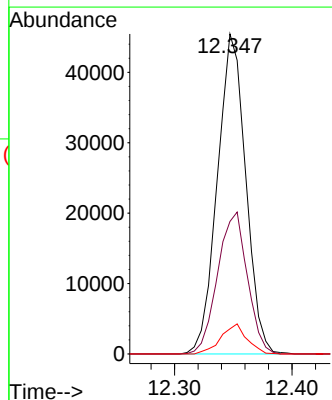
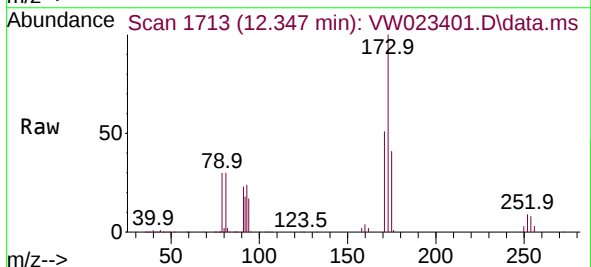
Tgt Ion: 173 Resp: 76280

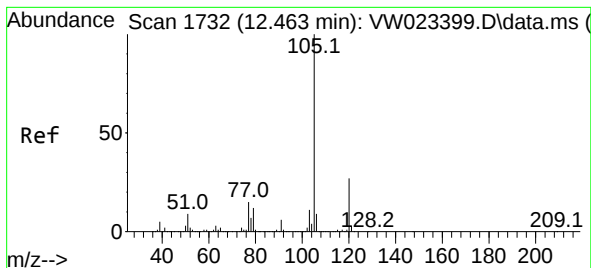
Ion Ratio Lower Upper

173 100

175 46.4 38.1 57.1

254 8.6 6.5 9.7

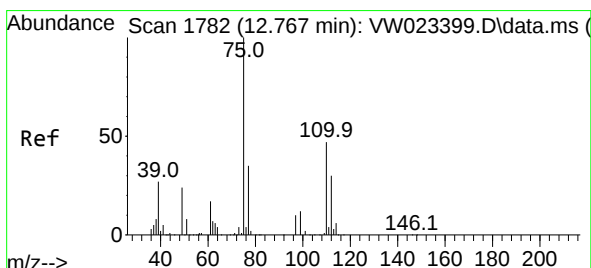
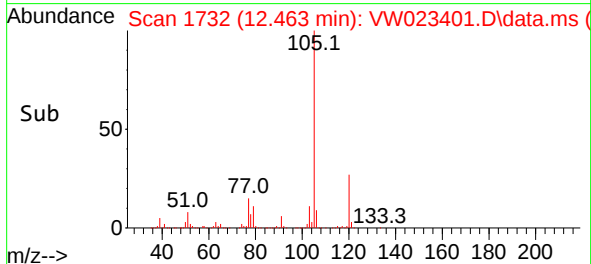
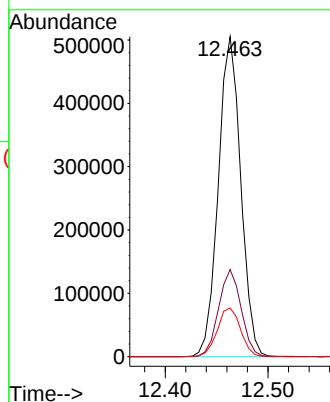
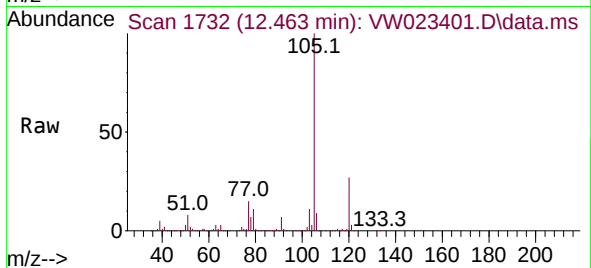




#60
Isopropylbenzene
Concen: 25.454 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW023401.D
Acq: 06 Jun 2022 12:52

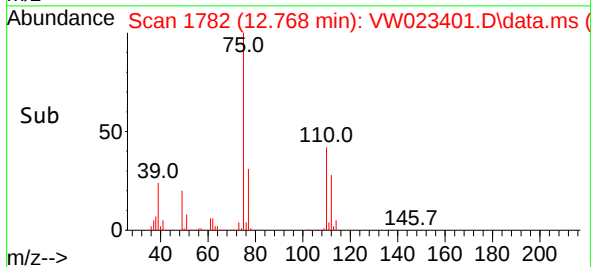
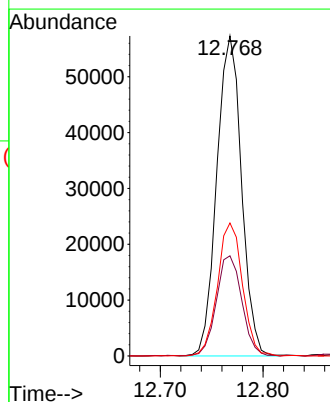
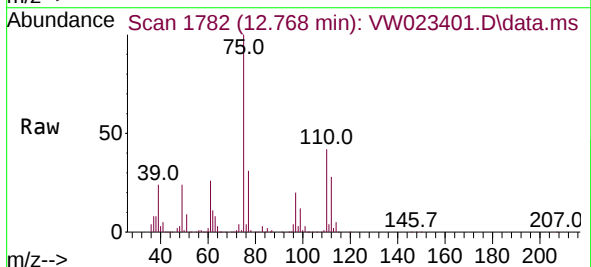
Instrument :
MSVOA_W
ClientSampleId :
VSTD025562

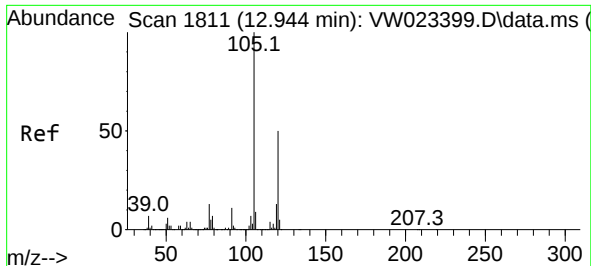
Tgt Ion:105 Resp: 766021
Ion Ratio Lower Upper
105 100
120 27.2 21.3 31.9
77 15.8 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 25.166 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW023401.D
Acq: 06 Jun 2022 12:52

Tgt Ion: 75 Resp: 95724
Ion Ratio Lower Upper
75 100
77 32.2 26.2 39.2
110 41.9 34.1 51.1





#62

1,3,5-Trimethylbenzene

Concen: 25.603 ug/L

RT: 12.939 min Scan# 1810

Delta R.T. -0.006 min

Lab File: VW023401.D

Acq: 06 Jun 2022 12:52

Instrument :

MSVOA_W

ClientSampleId :

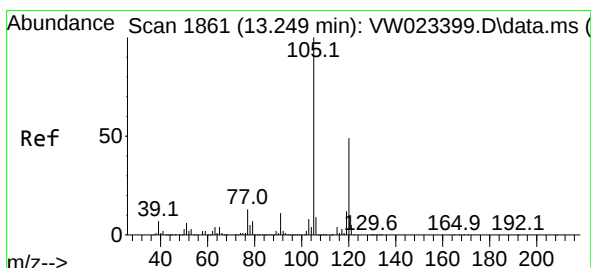
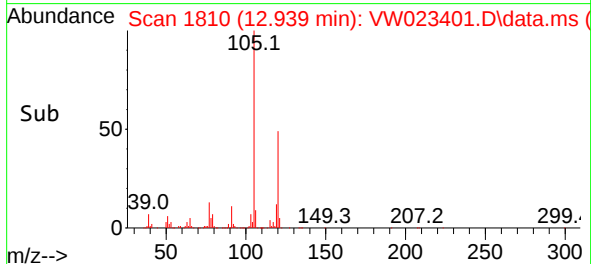
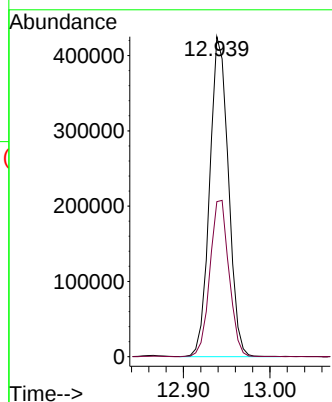
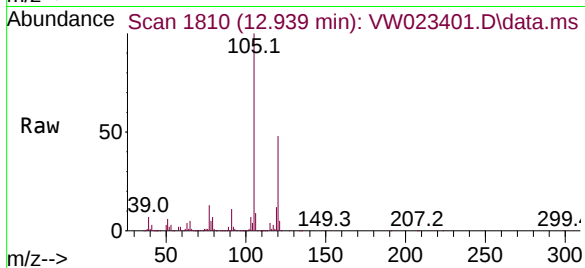
VSTD025562

Tgt Ion:105 Resp: 637734

Ion Ratio Lower Upper

105 100

120 49.8 38.9 58.3



#63

1,2,4-Trimethylbenzene

Concen: 26.435 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VW023401.D

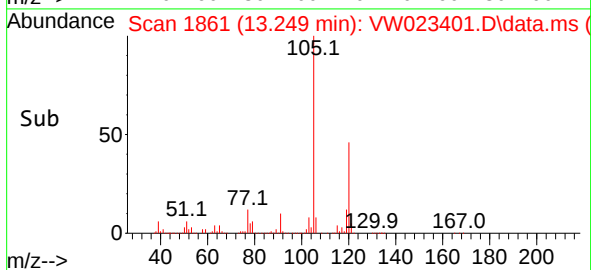
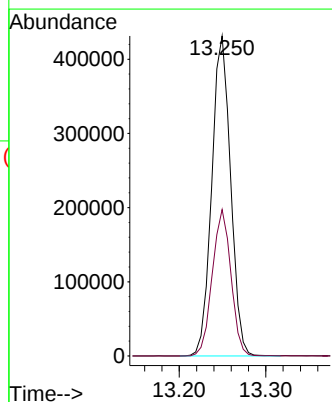
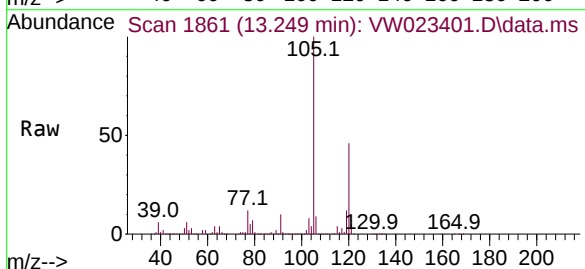
Acq: 06 Jun 2022 12:52

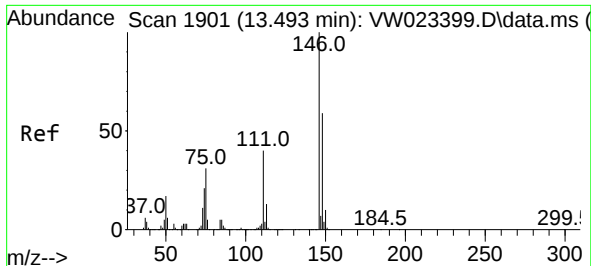
Tgt Ion:105 Resp: 651686

Ion Ratio Lower Upper

105 100

120 45.3 37.4 56.2

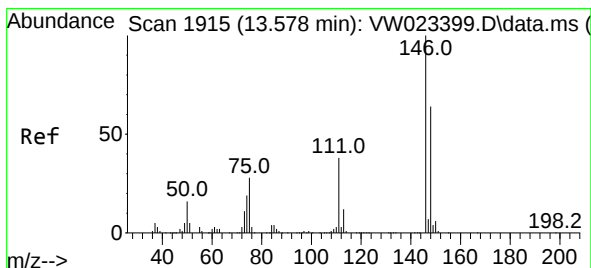
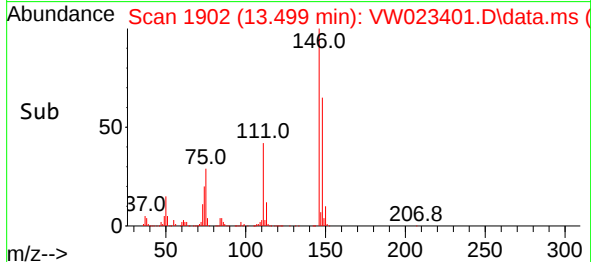
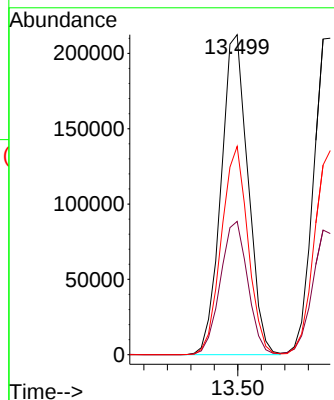
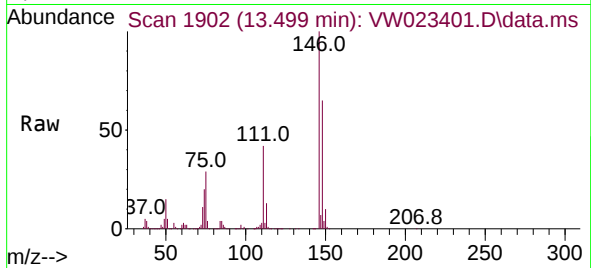




#64
1,3-Dichlorobenzene
Concen: 24.761 ug/L
RT: 13.499 min Scan# 1901
Delta R.T. 0.000 min
Lab File: VW023401.D
Acq: 06 Jun 2022 12:52

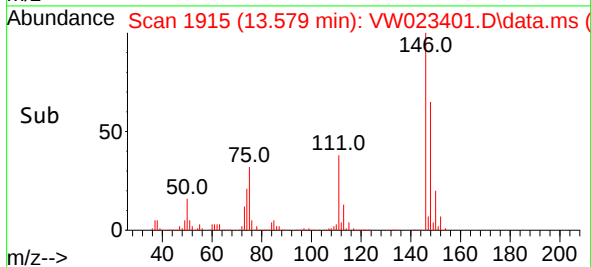
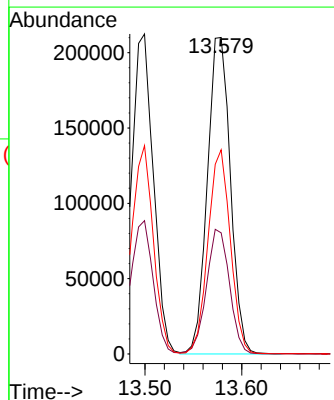
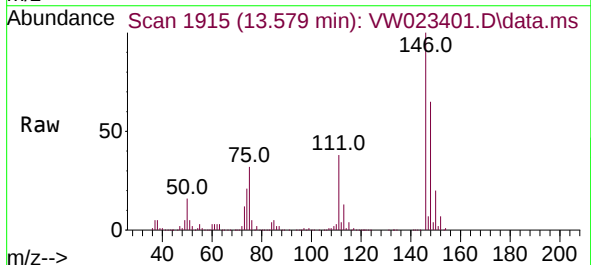
Instrument :
MSVOA_W
ClientSampleId :
VSTD025562

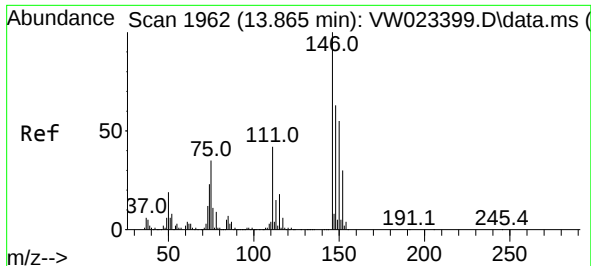
Tgt Ion:146 Resp: 338117
Ion Ratio Lower Upper
146 100
111 41.7 29.5 54.9
148 65.1 48.6 90.2



#65
1,4-Dichlorobenzene
Concen: 24.965 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW023401.D
Acq: 06 Jun 2022 12:52

Tgt Ion:146 Resp: 348662
Ion Ratio Lower Upper
146 100
111 38.3 27.2 50.4
148 64.5 44.0 81.6





#67

1,2-Dichlorobenzene

Concen: 25.327 ug/L

RT: 13.871 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW023401.D

Acq: 06 Jun 2022 12:52

Instrument :

MSVOA_W

ClientSampleId :

VSTD025562

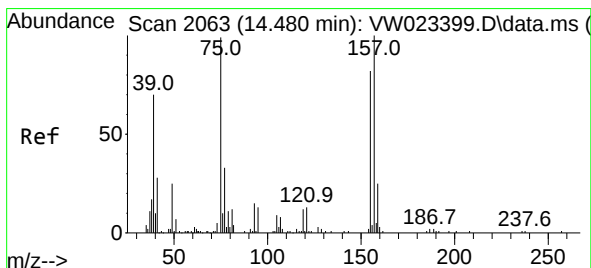
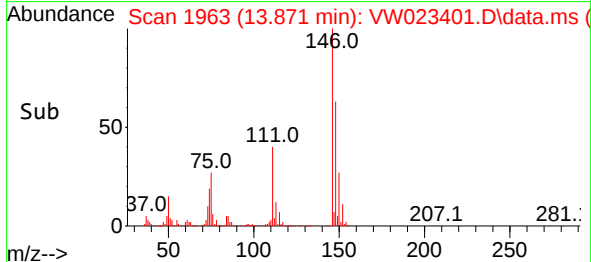
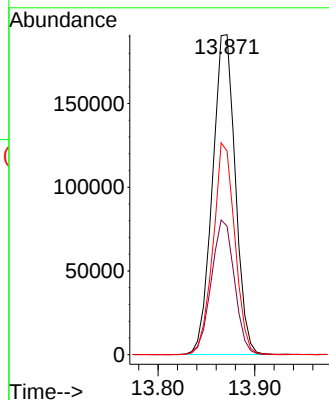
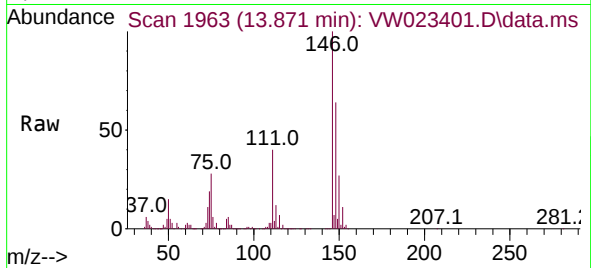
Tgt Ion:146 Resp: 313739

Ion Ratio Lower Upper

146 100

111 40.2 35.7 53.5

148 63.6 52.6 79.0



#68

1,2-Dibromo-3-chloropropane

Concen: 24.797 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW023401.D

Acq: 06 Jun 2022 12:52

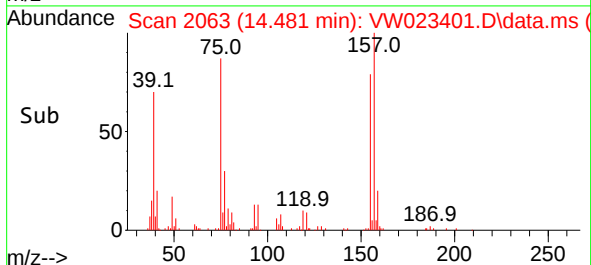
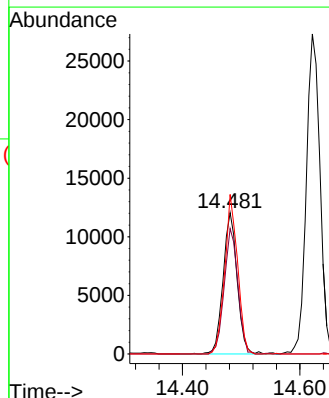
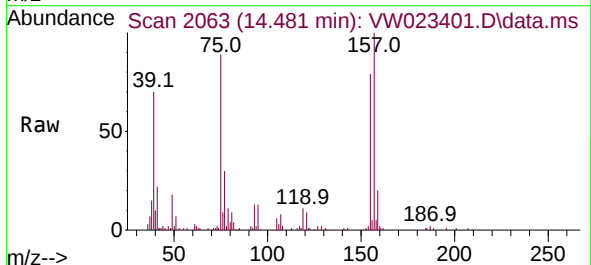
Tgt Ion: 75 Resp: 20030

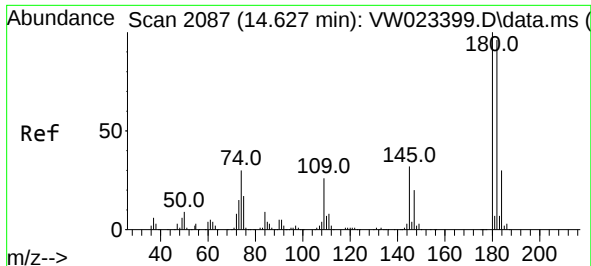
Ion Ratio Lower Upper

75 100

155 88.8 59.3 88.9

157 112.9 89.8 134.8





#69

1,3,5-Trichlorobenzene

Concen: 24.948 ug/L

RT: 14.627 min Scan# 2087

Delta R.T. 0.000 min

Lab File: VW023401.D

Acq: 06 Jun 2022 12:52

Instrument :

MSVOA_W

ClientSampleId :

VSTD025562

Tgt Ion:180 Resp: 225265

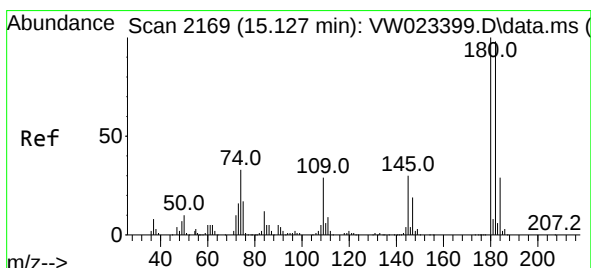
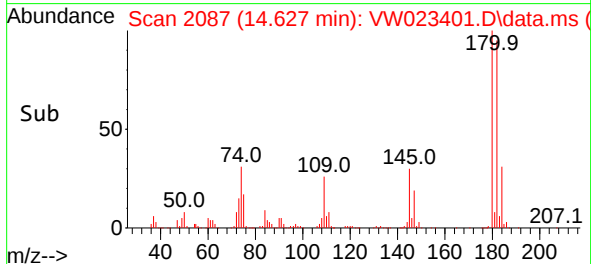
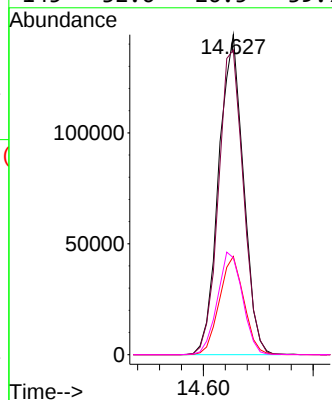
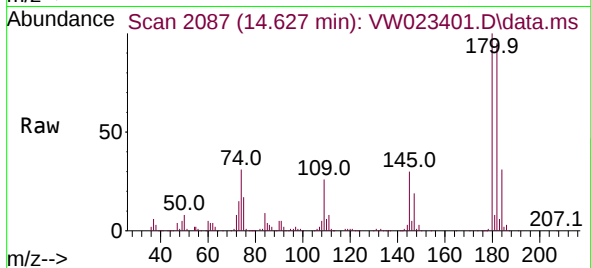
Ion Ratio Lower Upper

180 100

182 96.3 74.8 112.2

184 30.5 23.4 35.2

145 32.6 26.5 39.7



#70

1,2,4-trichlorobenzene

Concen: 25.329 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. -0.006 min

Lab File: VW023401.D

Acq: 06 Jun 2022 12:52

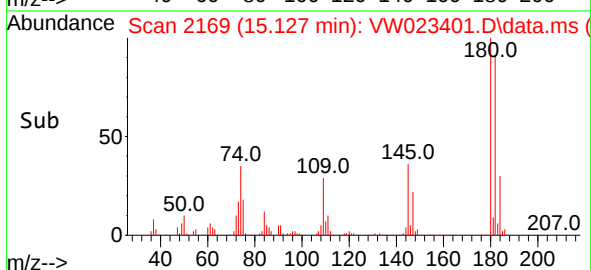
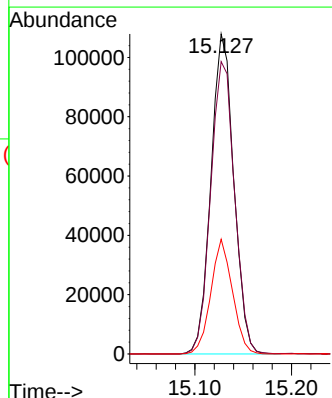
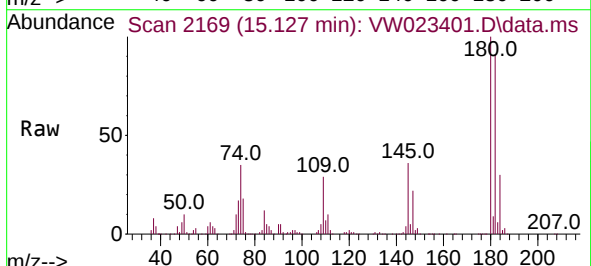
Tgt Ion:180 Resp: 177152

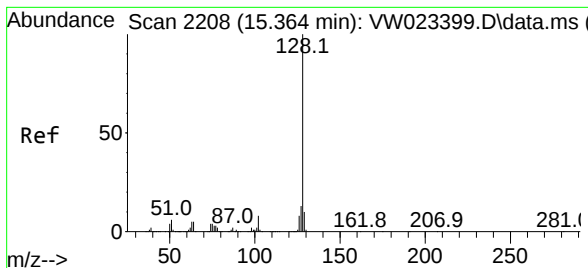
Ion Ratio Lower Upper

180 100

182 95.5 74.9 112.3

145 33.9 26.6 39.8





#71

Naphthalene

Concen: 28.692 ug/L

RT: 15.359 min Scan# 21

Delta R.T. 0.000 min

Lab File: VW023401.D

Acq: 06 Jun 2022 12:52

Instrument :

MSVOA_W

ClientSampleId :

VSTD025562

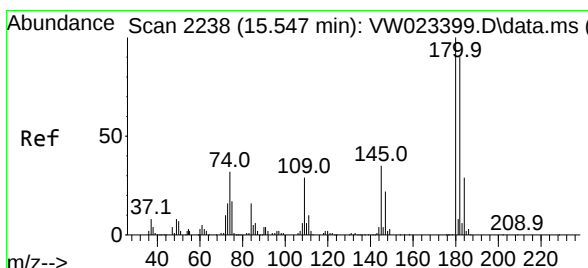
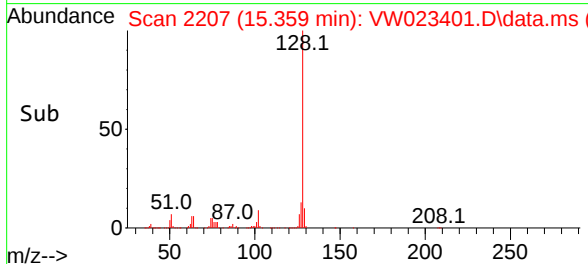
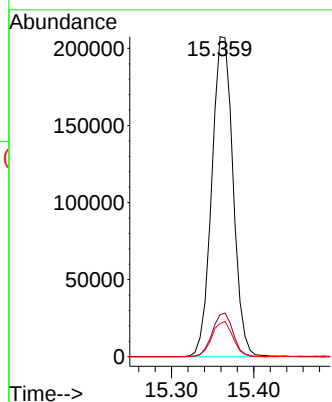
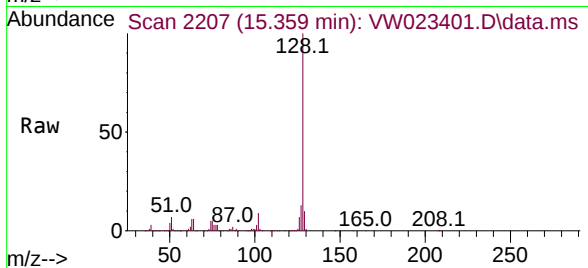
Tgt Ion:128 Resp: 372425

Ion Ratio Lower Upper

128 100

127 13.3 10.6 16.0

129 10.9 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 25.470 ug/L

RT: 15.548 min Scan# 2238

Delta R.T. 0.000 min

Lab File: VW023401.D

Acq: 06 Jun 2022 12:52

Tgt Ion:180 Resp: 154893

Ion Ratio Lower Upper

180 100

182 94.9 73.5 110.3

145 35.9 27.9 41.9

