

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081822\
 Data File : VW024271.D
 Acq On : 18 Aug 2022 12:13
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025540

Quant Time: Aug 18 21:04:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Aug 18 01:04:13 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	269188	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	262243	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	143291	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	117113	20.814	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.240%
7) Chloroethane-d5	2.873	69	85083	24.274	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.080%
11) 1,1-Dichloroethene-d2	4.007	63	149178	23.264	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	93.040%
21) 2-Butanone-d5	7.073	46	46416	44.340	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.680%
24) Chloroform-d	7.640	84	202756	24.893	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.560%
26) 1,2-Dichloroethane-d4	8.299	65	108559	24.007	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.040%
32) Benzene-d6	8.268	84	372028	24.054	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.200%
36) 1,2-Dichloropropane-d6	9.268	67	109979	24.084	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.320%
41) Toluene-d8	10.317	98	344264	23.815	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.240%
43) trans-1,3-Dichloroprop...	10.573	79	46175	23.086	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.360%
47) 2-Hexanone-d5	10.920	63	37539	44.507	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.020%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	100510	22.686	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.760%
66) 1,2-Dichlorobenzene-d4	13.847	152	130774	24.940	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.760%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.001	85	35787	15.111	ug/L	98
3) Chloromethane	2.208	50	90399	20.353	ug/L	98
5) Vinyl chloride	2.355	62	149072	24.110	ug/L	100
6) Bromomethane	2.763	94	97040	27.373	ug/L	93
8) Chloroethane	2.903	64	70630	26.079	ug/L	97
9) Trichlorofluoromethane	3.239	101	66550	22.706	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.050	101	102697	25.980	ug/L	97
12) 1,1-Dichloroethene	4.025	96	82574	25.516	ug/L	92
14) Carbon disulfide	4.373	76	213325	20.600	ug/L	98
15) Methyl Acetate	4.671	43	36983	21.304	ug/L	95
16) Methylene chloride	4.903	84	105959	22.321	ug/L	99
17) trans-1,2-Dichloroethene	5.415	96	96914	25.932	ug/L	93
18) Methyl tert-butyl Ether	5.421	73	151455	28.420	ug/L	98
19) 1,1-Dichloroethane	6.208	63	174460	26.501	ug/L	97
20) cis-1,2-Dichloroethene	7.165	96	103375	25.187	ug/L #	96
22) 2-Butanone	7.171	43	54881	42.258	ug/L	98
23) Bromochloromethane	7.506	128	50114	24.517	ug/L	95
25) Chloroform	7.671	83	198570	27.373	ug/L	93
27) 1,2-Dichloroethane	8.396	62	126404	25.895	ug/L	97

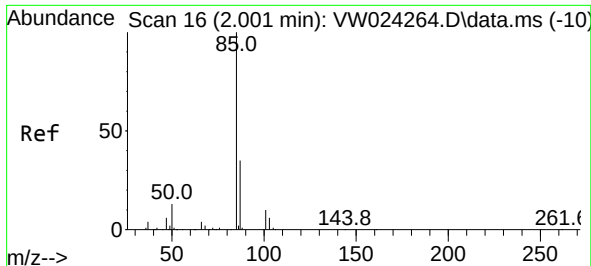
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081822\
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 Quant Title : SFAM01.0
 QLast Update : Thu Aug 18 01:04:13 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.951	56	139785	26.000	ug/L	99
30) 1,1,1-Trichloroethane	7.866	97	164481	27.812	ug/L	100
31) Carbon tetrachloride	8.067	117	146900	26.330	ug/L	99
33) Benzene	8.317	78	408475	26.373	ug/L	100
34) Trichloroethene	9.085	95	106983	26.132	ug/L	95
35) Methylcyclohexane	9.329	83	170811	26.607	ug/L	99
37) 1,2-Dichloropropane	9.366	63	101422	26.490	ug/L	99
38) Bromodichloromethane	9.640	83	141726	26.392	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	152364	27.049	ug/L	96
40) 4-Methyl-2-pentanone	10.207	43	115177	45.327	ug/L	99
42) Toluene	10.384	91	454051	27.587	ug/L	99
44) trans-1,3-Dichloropropene	10.603	75	136950	26.608	ug/L	97
45) 1,1,2-Trichloroethane	10.786	97	80127	24.830	ug/L	99
46) Tetrachloroethene	10.859	164	83995	25.343	ug/L	94
48) 2-Hexanone	10.963	43	83532	48.439	ug/L	97
49) Dibromochloromethane	11.128	129	102375	26.351	ug/L	94
50) 1,2-Dibromoethane	11.231	107	74472	24.087	ug/L	96
51) Chlorobenzene	11.652	112	292695	26.028	ug/L	91
52) Ethylbenzene	11.725	91	508581	28.203	ug/L	100
53) m,p-Xylene	11.835	106	194060	27.646	ug/L	99
54) o-Xylene	12.164	106	186079	28.060	ug/L	90
55) Styrene	12.176	104	331083	28.706	ug/L	93
57) 1,1,2,2-Tetrachloroethane	12.713	83	96385	23.899	ug/L	96
59) Bromoform	12.347	173	56178	25.703	ug/L	95
60) Isopropylbenzene	12.463	105	515709	29.730	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	69306	24.304	ug/L	100
62) 1,3,5-Trimethylbenzene	12.938	105	439460	30.657	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	430142	30.469	ug/L	98
64) 1,3-Dichlorobenzene	13.499	146	230170	27.097	ug/L	98
65) 1,4-Dichlorobenzene	13.572	146	245727	27.319	ug/L	97
67) 1,2-Dichlorobenzene	13.865	146	217631	26.981	ug/L #	91
68) 1,2-Dibromo-3-chloropr...	14.475	75	14969	22.467	ug/L #	81
69) 1,3,5-Trichlorobenzene	14.627	180	162342	29.147	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	125925	28.231	ug/L	98
71) Naphthalene	15.359	128	239996	27.623	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	119764	29.491	ug/L	98

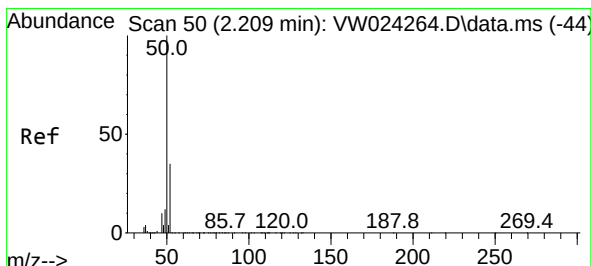
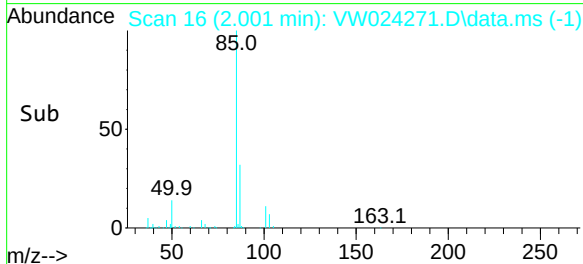
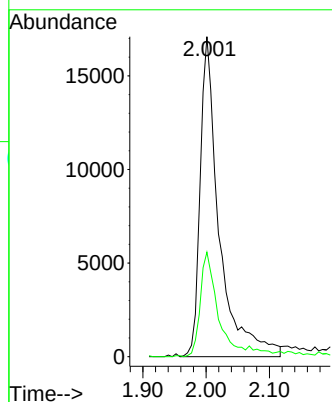
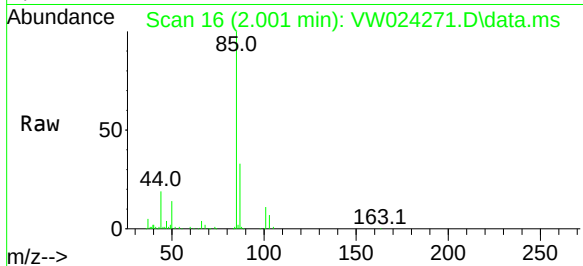
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 15.111 ug/L
 RT: 2.001 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: VW024271.D
 Acq: 18 Aug 2022 12:13

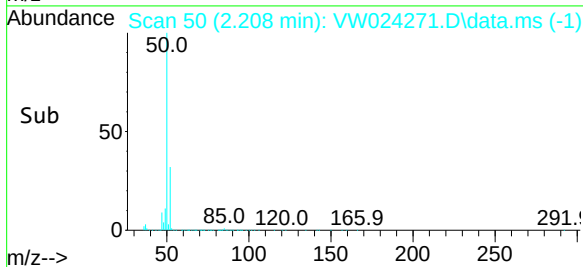
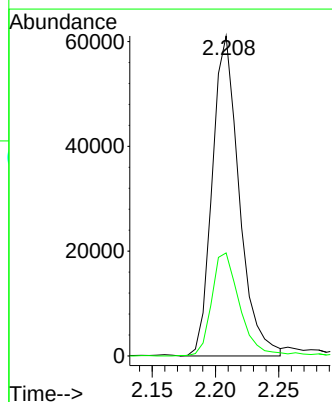
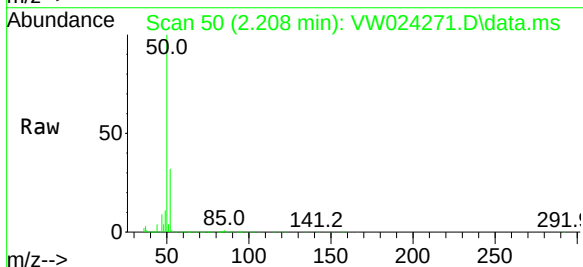
Instrument :
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 ClientSampleId :
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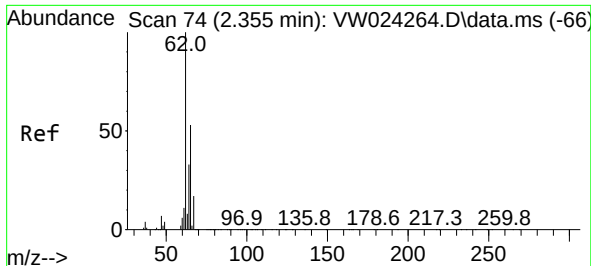
Tgt Ion: 85 Resp: 35787
 Ion Ratio Lower Upper
 85 100
 87 29.7 24.5 36.7



#3
 Chloromethane
 Concen: 20.353 ug/L
 RT: 2.208 min Scan# 50
 Delta R.T. -0.000 min
 Lab File: VW024271.D
 Acq: 18 Aug 2022 12:13

Tgt Ion: 50 Resp: 90399
 Ion Ratio Lower Upper
 50 100
 52 32.2 23.2 43.2

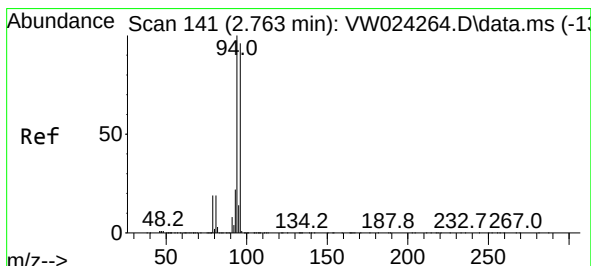
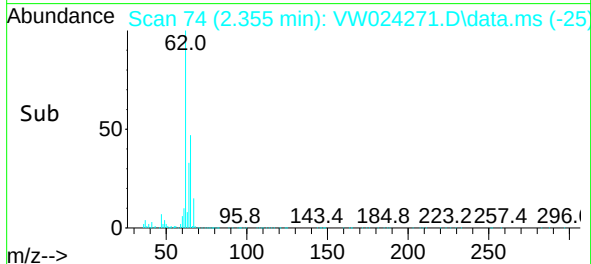
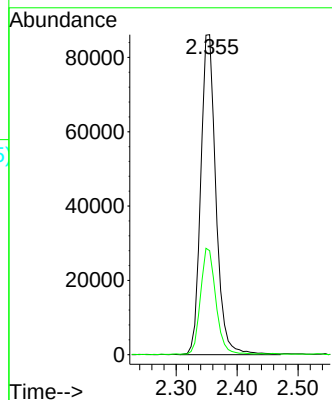
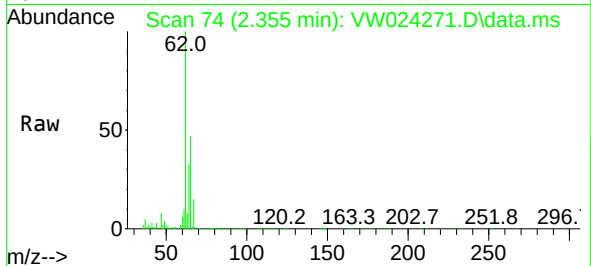




#5
 Vinyl chloride
 Concen: 24.110 ug/L
 RT: 2.355 min Scan# 74
 Delta R.T. -0.000 min
 Lab File: VW024271.D
 Acq: 18 Aug 2022 12:13

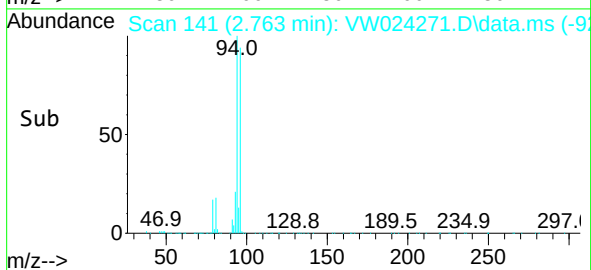
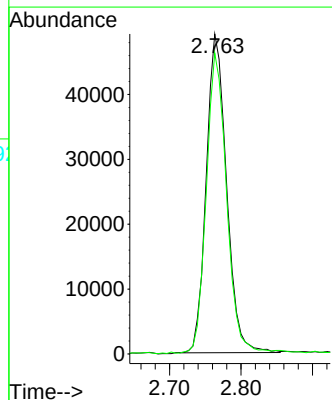
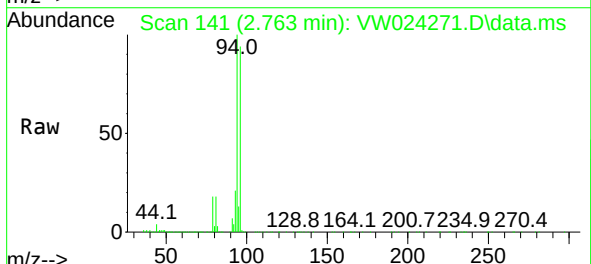
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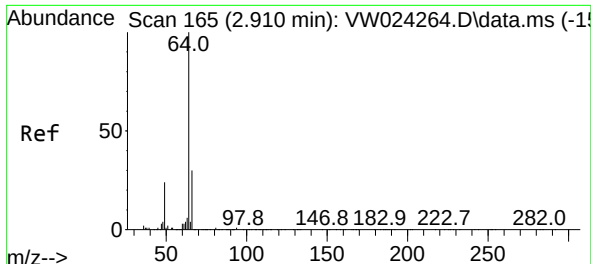
Tgt Ion: 62 Resp: 149072
 Ion Ratio Lower Upper
 62 100
 64 32.5 22.7 42.3



#6
 Bromomethane
 Concen: 27.373 ug/L
 RT: 2.763 min Scan# 141
 Delta R.T. -0.000 min
 Lab File: VW024271.D
 Acq: 18 Aug 2022 12:13

Tgt Ion: 94 Resp: 97040
 Ion Ratio Lower Upper
 94 100
 96 94.0 61.0 113.4

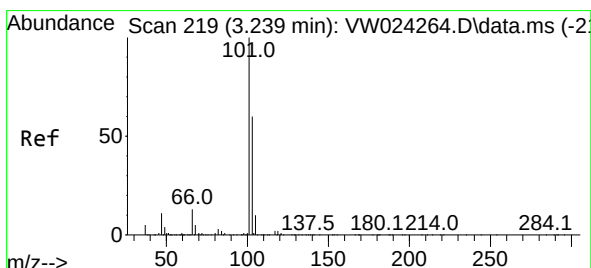
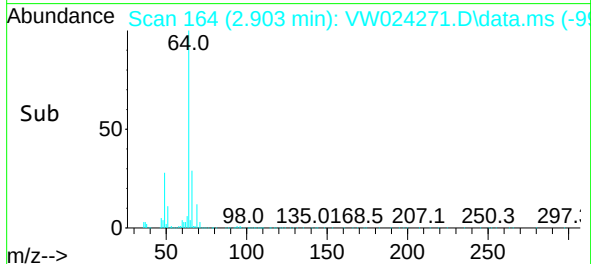
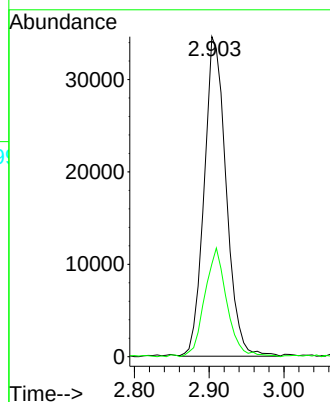
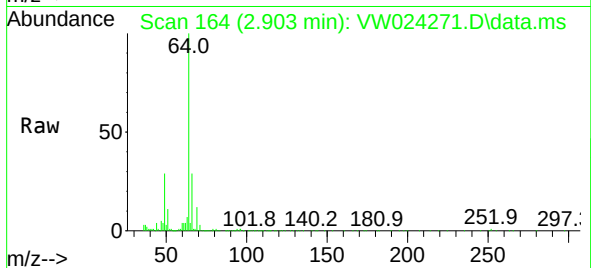




#8
Chloroethane
Concen: 26.079 ug/L
RT: 2.903 min Scan# 164
Delta R.T. -0.006 min
Lab File: VW024271.D
Acq: 18 Aug 2022 12:13

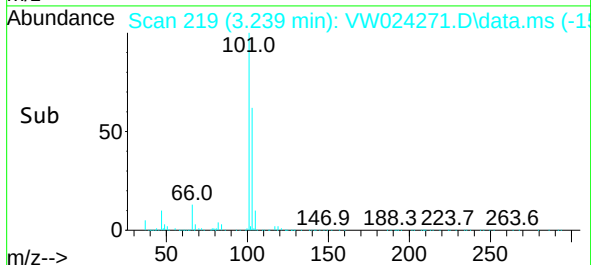
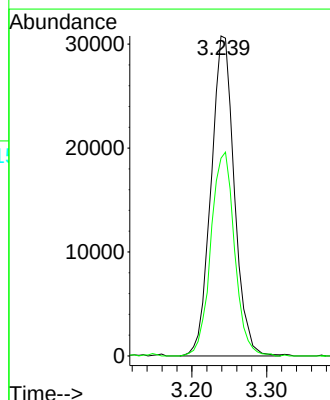
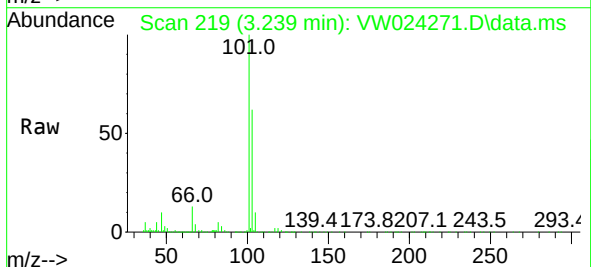
Instrument :
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ClientSampleId :
VSTD025540

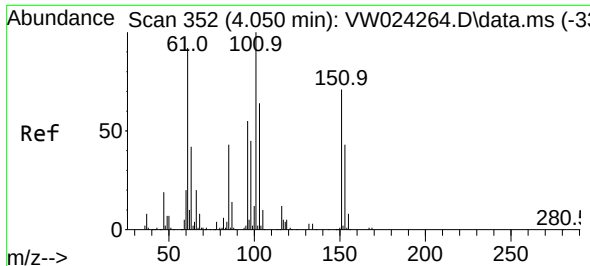
Tgt Ion: 64 Resp: 70630
Ion Ratio Lower Upper
64 100
66 29.0 21.6 40.0



#9
Trichlorofluoromethane
Concen: 22.706 ug/L
RT: 3.239 min Scan# 219
Delta R.T. -0.000 min
Lab File: VW024271.D
Acq: 18 Aug 2022 12:13

Tgt Ion: 101 Resp: 66550
Ion Ratio Lower Upper
101 100
103 64.7 50.5 75.7

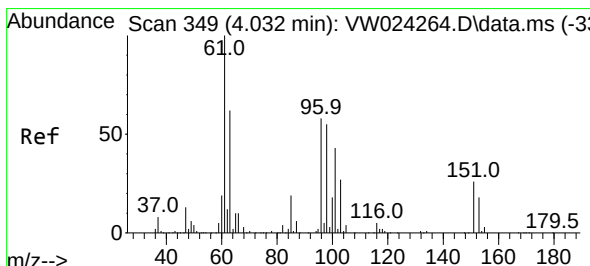
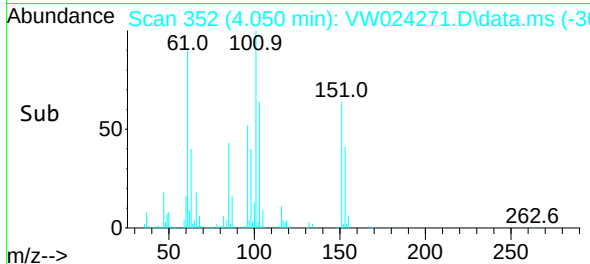
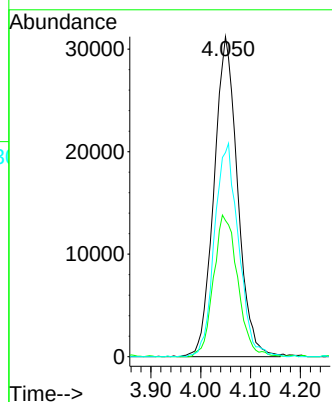
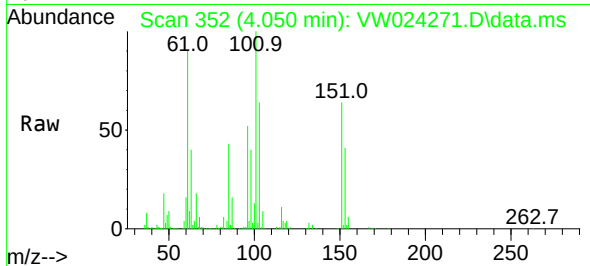




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 25.980 ug/L
 RT: 4.050 min Scan# 310
 Delta R.T. -0.000 min
 Lab File: VW024271.D
 Acq: 18 Aug 2022 12:13

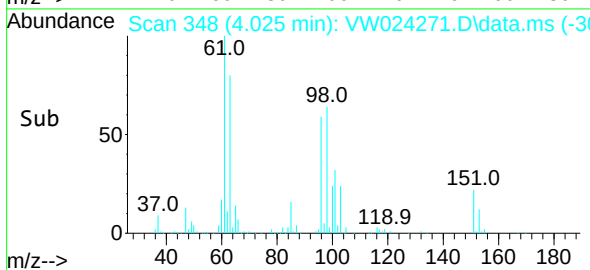
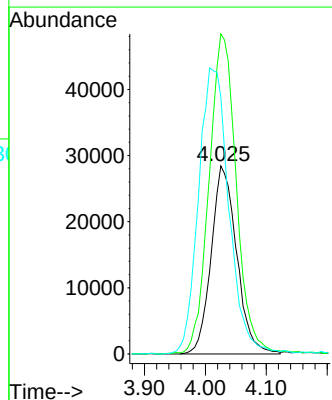
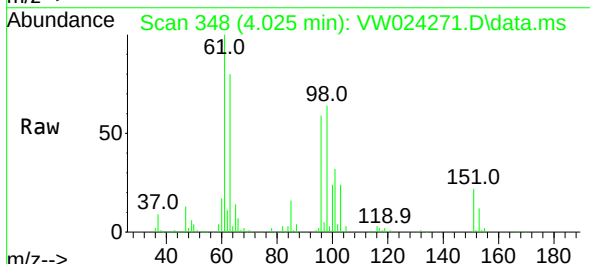
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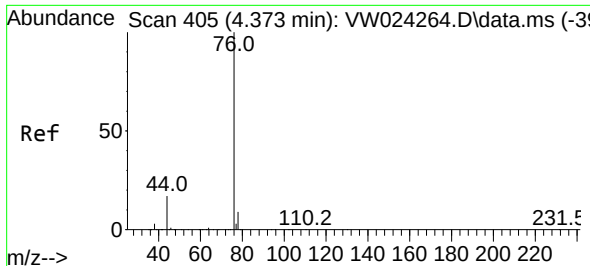
Tgt Ion:101 Resp: 102697
 Ion Ratio Lower Upper
 101 100
 85 44.7 34.9 52.3
 151 67.5 57.0 85.6



#12
 1,1-Dichloroethene
 Concen: 25.516 ug/L
 RT: 4.025 min Scan# 348
 Delta R.T. -0.006 min
 Lab File: VW024271.D
 Acq: 18 Aug 2022 12:13

Tgt Ion: 96 Resp: 82574
 Ion Ratio Lower Upper
 96 100
 61 170.3 123.1 228.5
 63 137.0 84.9 157.7

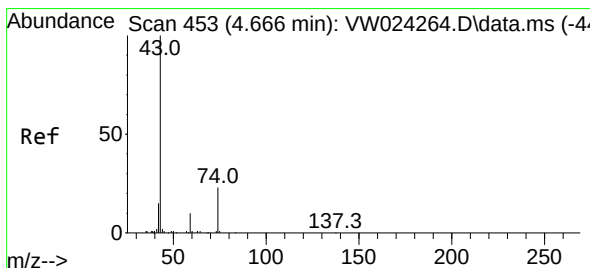
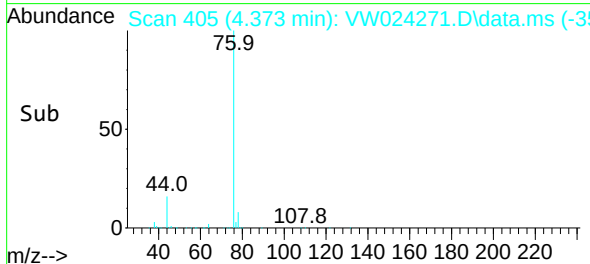
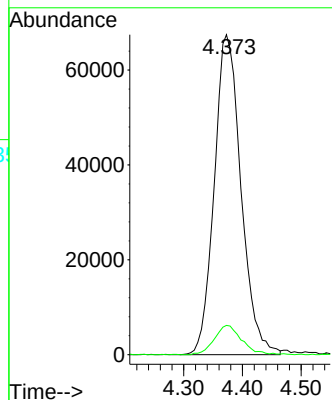
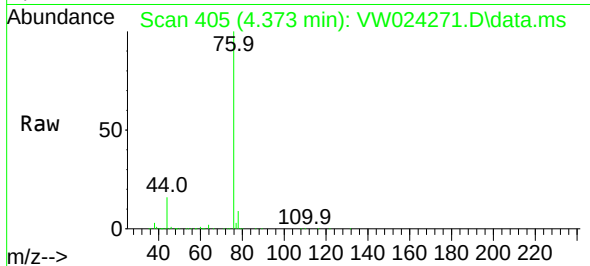




#14
Carbon disulfide
Concen: 20.600 ug/L
RT: 4.373 min Scan# 405
Delta R.T. -0.000 min
Lab File: VW024271.D
Acq: 18 Aug 2022 12:13

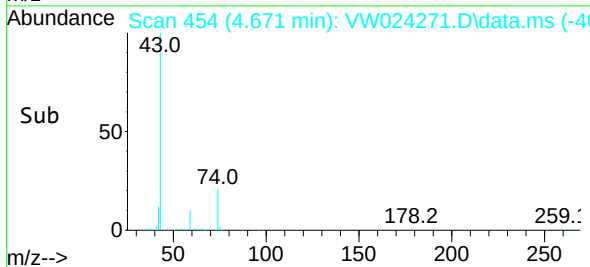
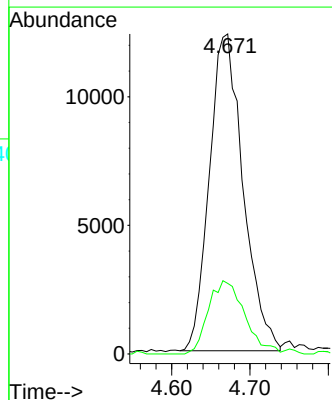
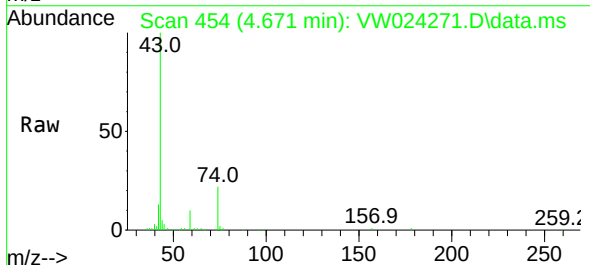
Instrument :
MSVOA_W
ClientSampleId :
VSTD025540

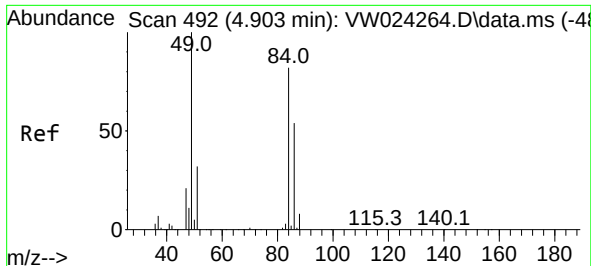
Tgt Ion: 76 Resp: 213325
Ion Ratio Lower Upper
76 100
78 9.2 7.9 11.9



#15
Methyl Acetate
Concen: 21.304 ug/L
RT: 4.671 min Scan# 454
Delta R.T. 0.006 min
Lab File: VW024271.D
Acq: 18 Aug 2022 12:13

Tgt Ion: 43 Resp: 36983
Ion Ratio Lower Upper
43 100
74 24.1 21.5 32.3

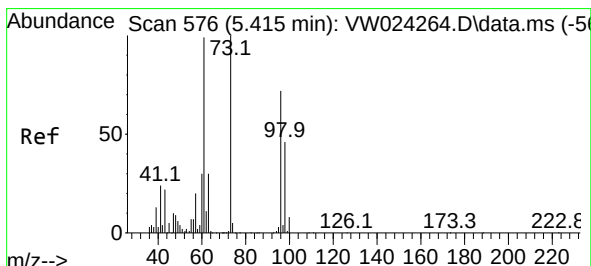
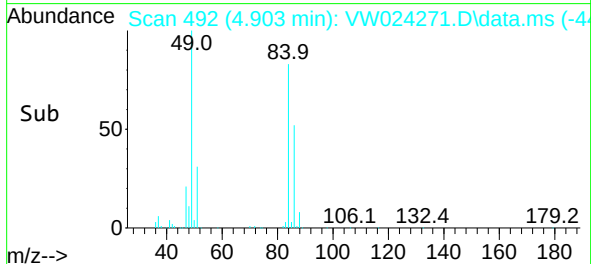
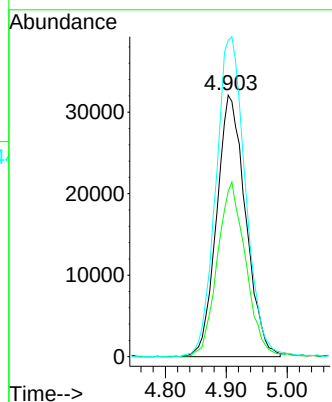
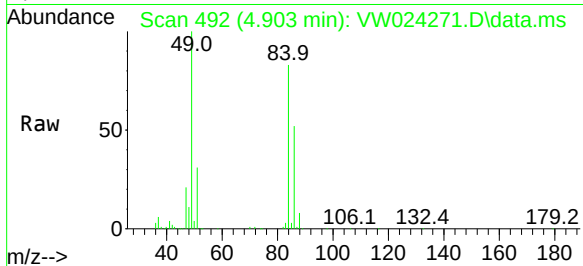




#16
Methylene chloride
Concen: 22.321 ug/L
RT: 4.903 min Scan# 492
Delta R.T. -0.000 min
Lab File: VW024271.D
Acq: 18 Aug 2022 12:13

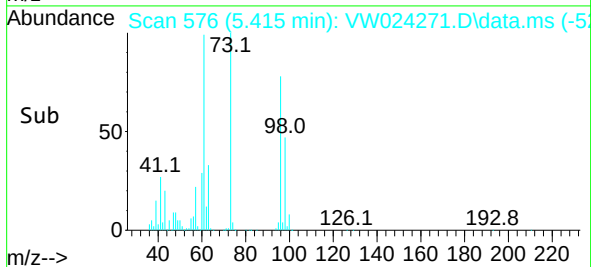
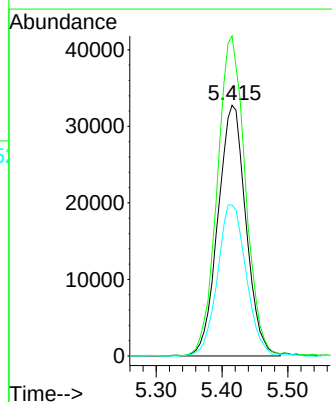
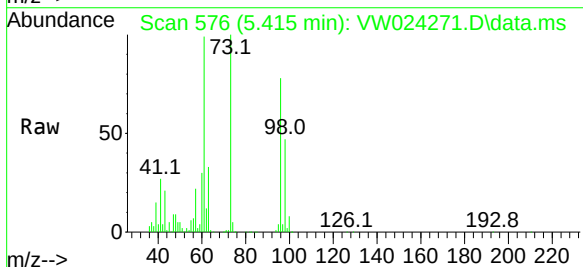
Instrument :
MSVOA_W
ClientSampleId :
VSTD025540

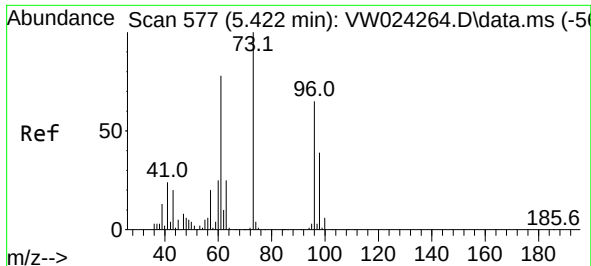
Tgt Ion: 84 Resp: 105959
Ion Ratio Lower Upper
84 100
86 63.1 42.8 79.6
49 121.1 85.3 158.3



#17
trans-1,2-Dichloroethene
Concen: 25.932 ug/L
RT: 5.415 min Scan# 576
Delta R.T. -0.000 min
Lab File: VW024271.D
Acq: 18 Aug 2022 12:13

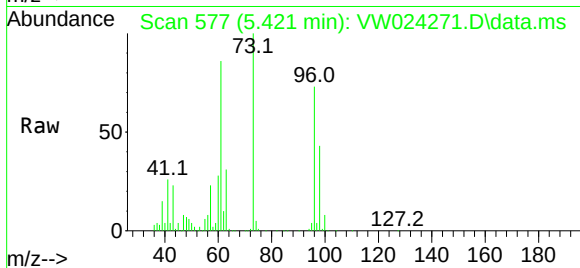
Tgt Ion: 96 Resp: 96914
Ion Ratio Lower Upper
96 100
61 127.6 93.0 172.8
98 60.3 48.5 90.1



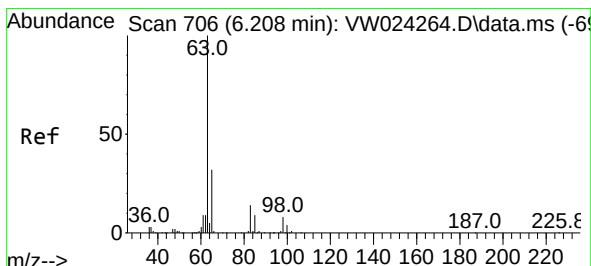
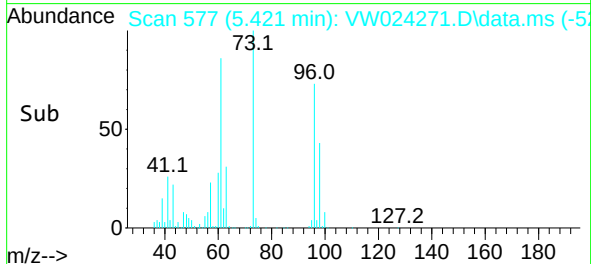
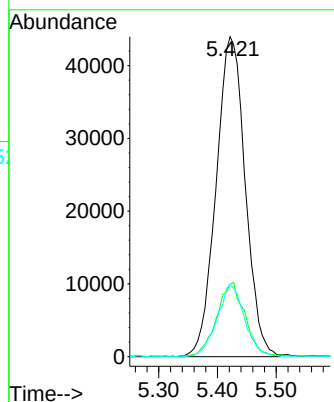


#18
Methyl tert-butyl Ether
Concen: 28.420 ug/L
RT: 5.421 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW024271.D
Acq: 18 Aug 2022 12:13

Instrument :
MSVOA_W
ClientSampleId :
VSTD025540

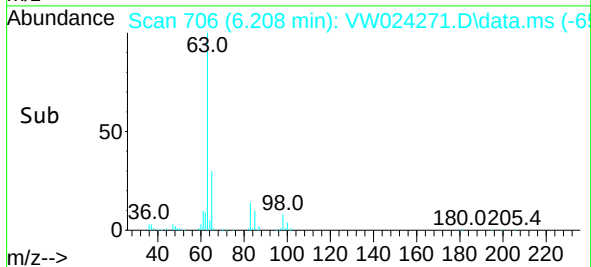
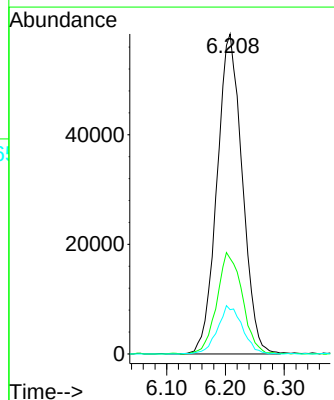
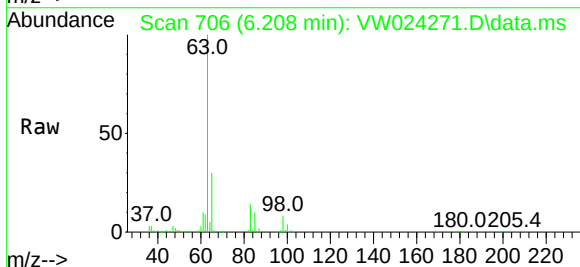


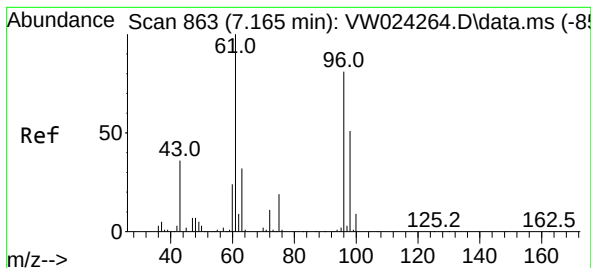
Tgt Ion: 73 Resp: 151455
Ion Ratio Lower Upper
73 100
43 22.4 16.6 24.8
57 21.5 17.6 26.4



#19
1,1-Dichloroethane
Concen: 26.501 ug/L
RT: 6.208 min Scan# 706
Delta R.T. -0.000 min
Lab File: VW024271.D
Acq: 18 Aug 2022 12:13

Tgt Ion: 63 Resp: 174460
Ion Ratio Lower Upper
63 100
65 29.9 22.0 41.0
83 13.9 9.2 17.0





#20

cis-1,2-Dichloroethene

Concen: 25.187 ug/L

RT: 7.165 min Scan# 863

Delta R.T. -0.000 min

Lab File: VW024271.D

Acq: 18 Aug 2022 12:13

Instrument :

MSVOA_W

ClientSampleId :

VSTD025540

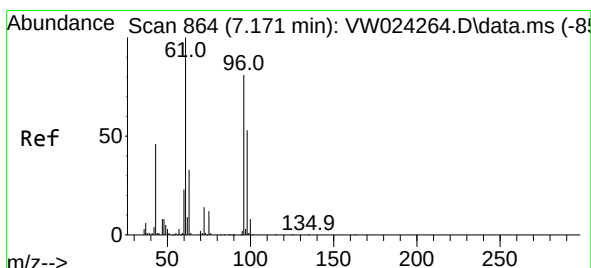
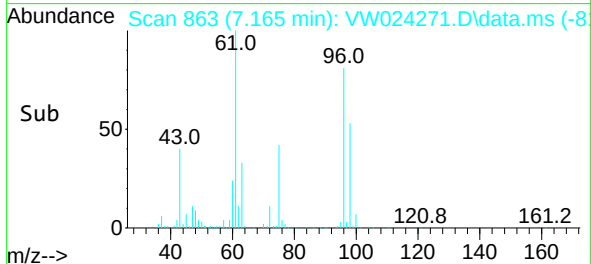
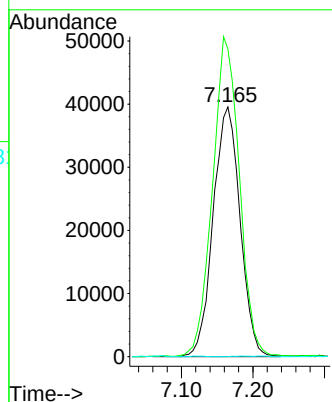
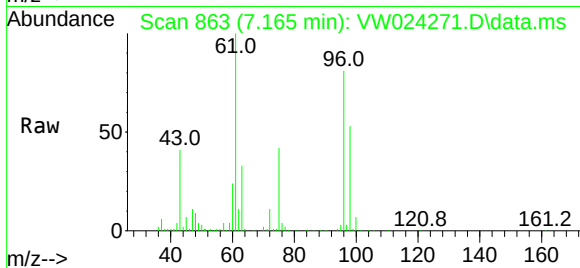
Tgt Ion: 96 Resp: 103375

Ion Ratio Lower Upper

96 100

61 123.1 89.5 166.3

68 0.0 0.1 0.1#



#22

2-Butanone

Concen: 42.258 ug/L

RT: 7.171 min Scan# 864

Delta R.T. -0.000 min

Lab File: VW024271.D

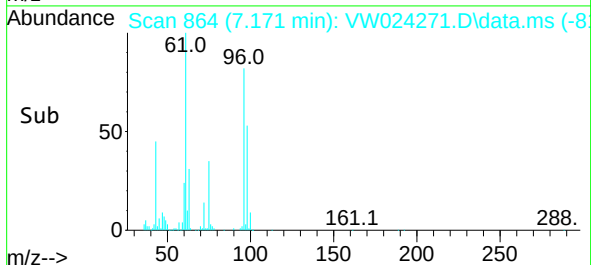
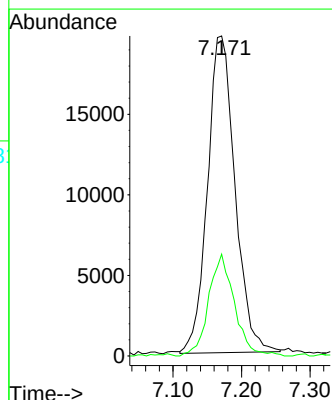
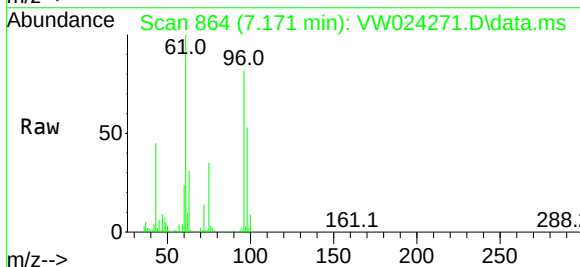
Acq: 18 Aug 2022 12:13

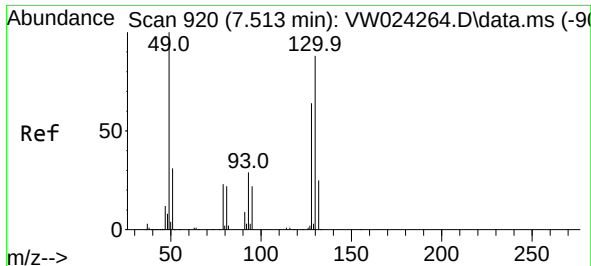
Tgt Ion: 43 Resp: 54881

Ion Ratio Lower Upper

43 100

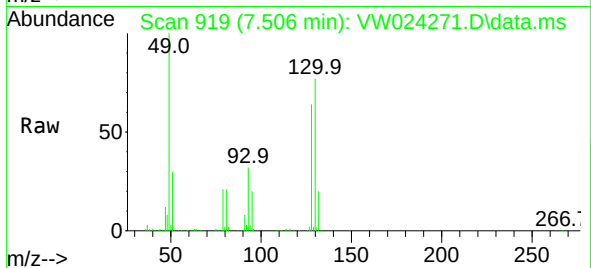
72 29.7 14.3 42.9



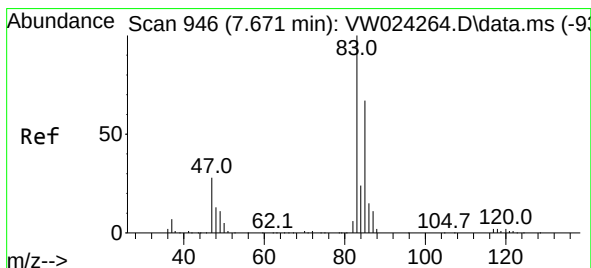
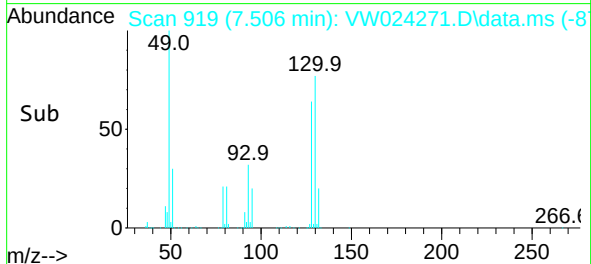
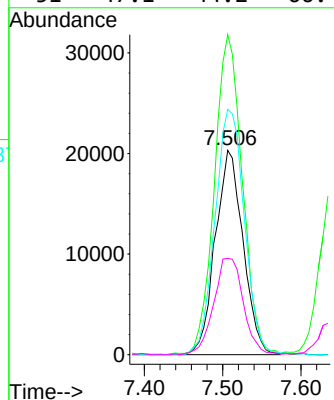


#23
Bromochloromethane
Concen: 24.517 ug/L
RT: 7.506 min Scan# 919
Delta R.T. -0.006 min
Lab File: VW024271.D
Acq: 18 Aug 2022 12:13

Instrument :
MSVOA_W
ClientSampleId :
VSTD025540

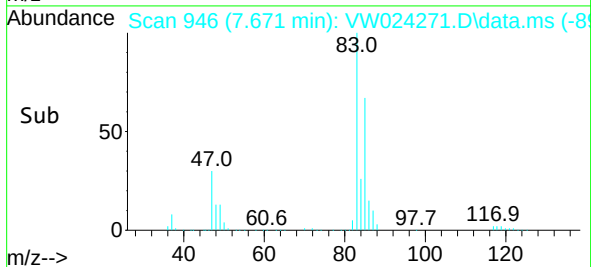
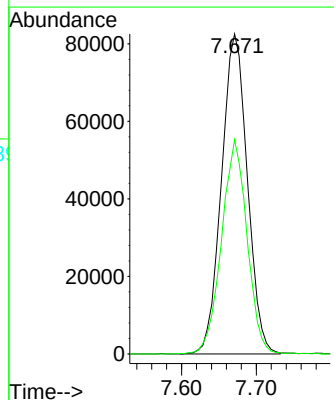
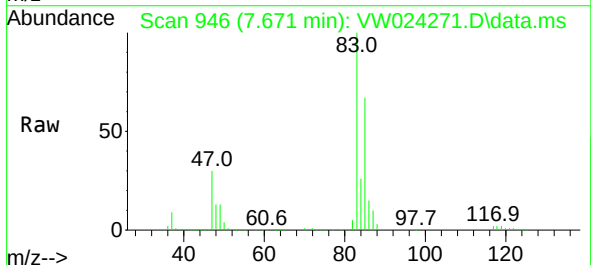


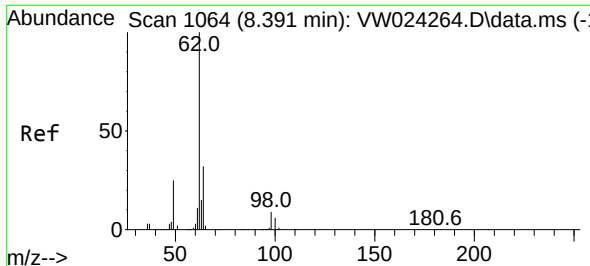
Tgt Ion:128 Resp: 50114
Ion Ratio Lower Upper
128 100
49 156.6 106.6 198.0
130 120.1 88.1 163.5
51 47.1 44.2 66.4



#25
Chloroform
Concen: 27.373 ug/L
RT: 7.671 min Scan# 946
Delta R.T. -0.000 min
Lab File: VW024271.D
Acq: 18 Aug 2022 12:13

Tgt Ion: 83 Resp: 198570
Ion Ratio Lower Upper
83 100
85 67.0 42.9 79.7





#27

1,2-Dichloroethane

Concen: 25.895 ug/L

RT: 8.396 min Scan# 1065

Delta R.T. 0.006 min

Lab File: VW024271.D

Acq: 18 Aug 2022 12:13

Instrument :

MSVOA_W

ClientSampleId :

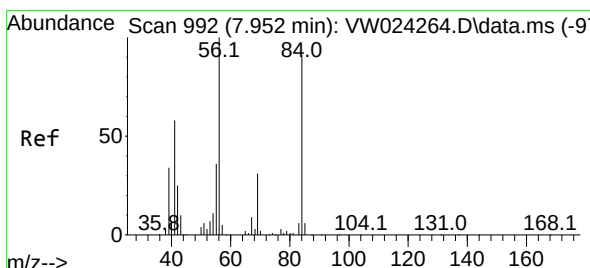
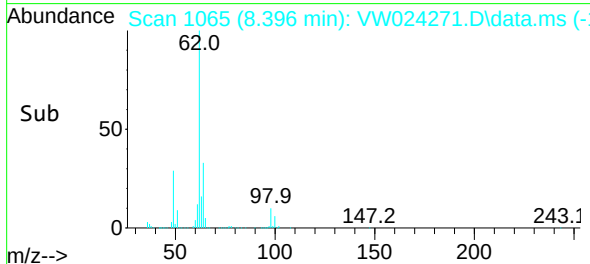
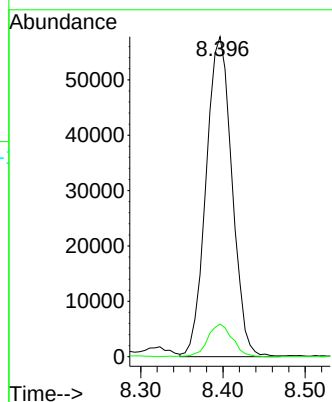
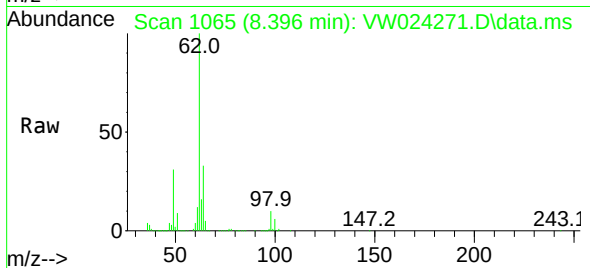
VSTD025540

Tgt Ion: 62 Resp: 126404

Ion Ratio Lower Upper

62 100

98 10.2 7.4 11.0



#29

Cyclohexane

Concen: 26.000 ug/L

RT: 7.951 min Scan# 992

Delta R.T. -0.000 min

Lab File: VW024271.D

Acq: 18 Aug 2022 12:13

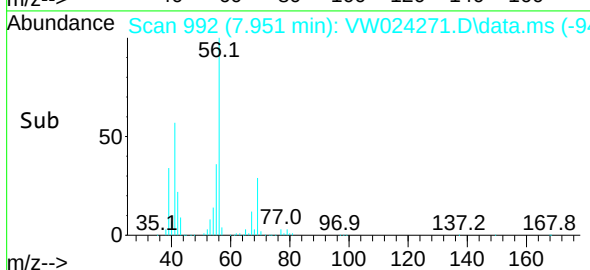
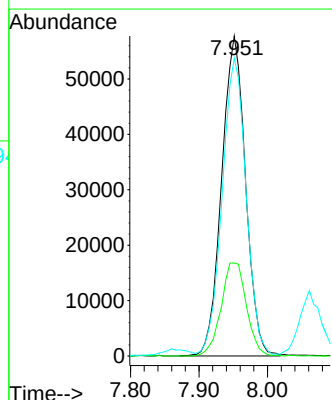
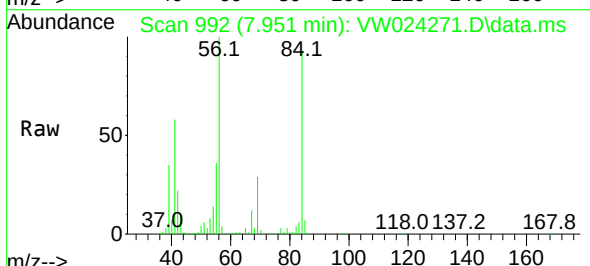
Tgt Ion: 56 Resp: 139785

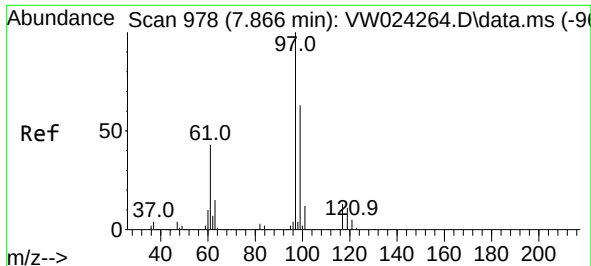
Ion Ratio Lower Upper

56 100

69 30.7 24.5 36.7

84 93.3 75.5 113.3





#30

1,1,1-Trichloroethane

Concen: 27.812 ug/L

RT: 7.866 min Scan# 91

Delta R.T. -0.000 min

Lab File: VW024271.D

Acq: 18 Aug 2022 12:13

Instrument :

MSVOA_W

ClientSampleId :

VSTD025540

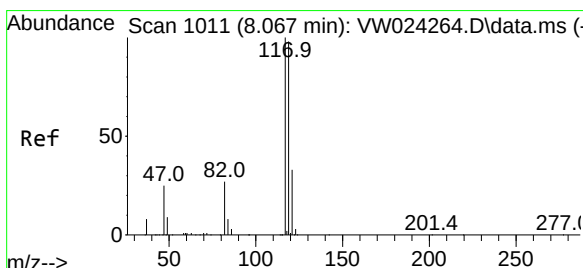
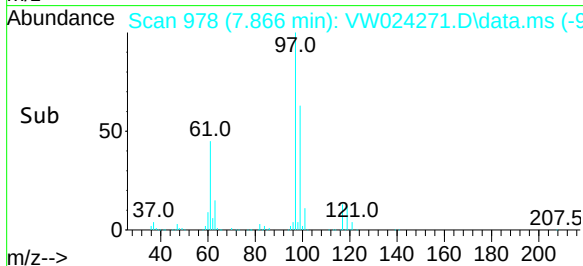
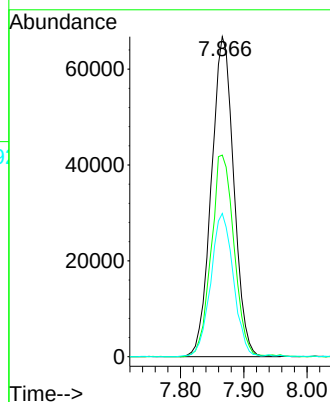
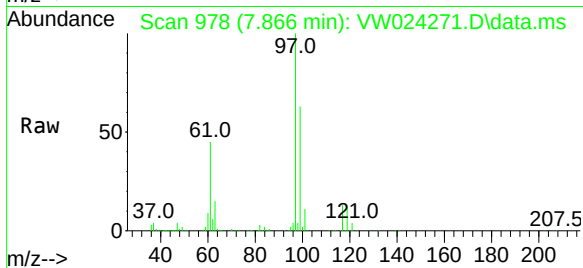
Tgt Ion: 97 Resp: 164481

Ion Ratio Lower Upper

97 100

99 64.0 51.0 76.6

61 45.2 36.2 54.2



#31

Carbon tetrachloride

Concen: 26.330 ug/L

RT: 8.067 min Scan# 1011

Delta R.T. -0.000 min

Lab File: VW024271.D

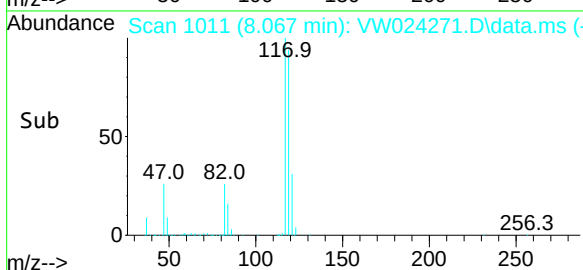
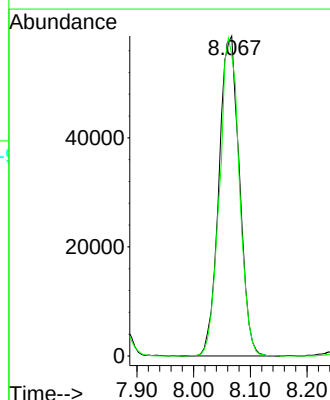
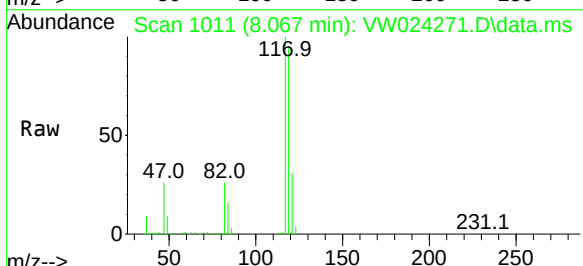
Acq: 18 Aug 2022 12:13

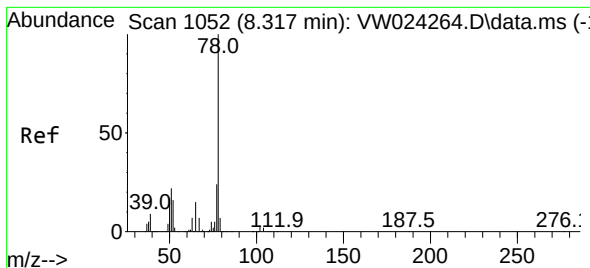
Tgt Ion: 117 Resp: 146900

Ion Ratio Lower Upper

117 100

119 96.1 77.8 116.8





#33

Benzene

Concen: 26.373 ug/L

RT: 8.317 min Scan# 1052

Delta R.T. -0.000 min

Lab File: VW024271.D

Acq: 18 Aug 2022 12:13

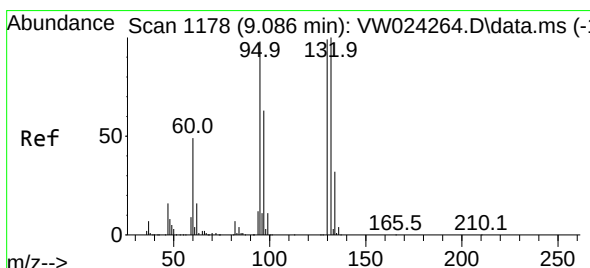
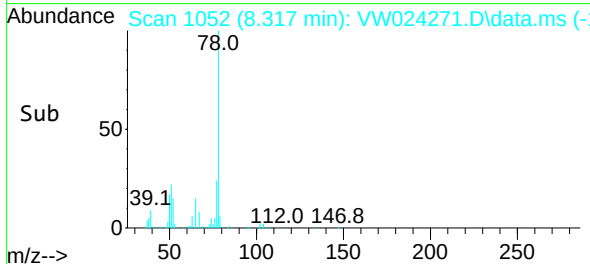
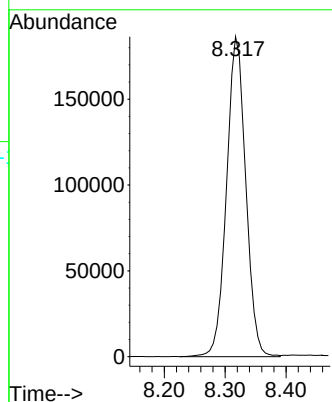
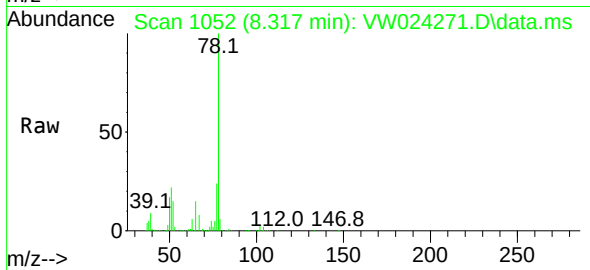
Instrument :

MSVOA_W

ClientSampleId :

VSTD025540

Tgt Ion: 78 Resp: 408475



#34

Trichloroethene

Concen: 26.132 ug/L

RT: 9.085 min Scan# 1178

Delta R.T. -0.000 min

Lab File: VW024271.D

Acq: 18 Aug 2022 12:13

Tgt Ion: 95 Resp: 106983

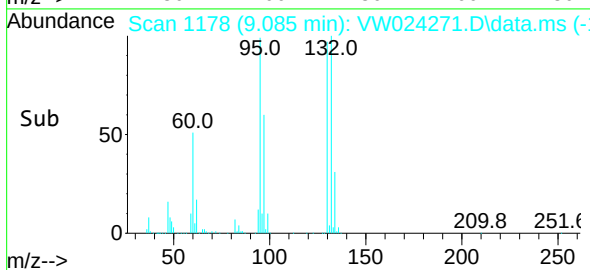
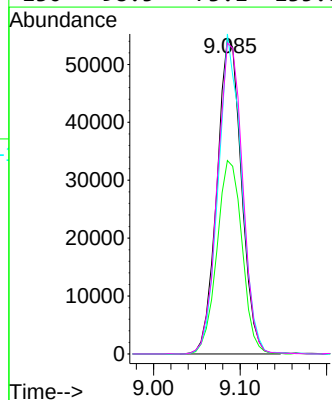
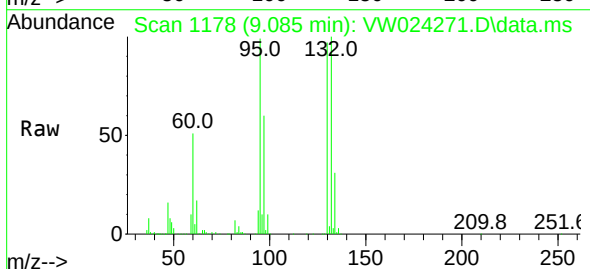
Ion Ratio Lower Upper

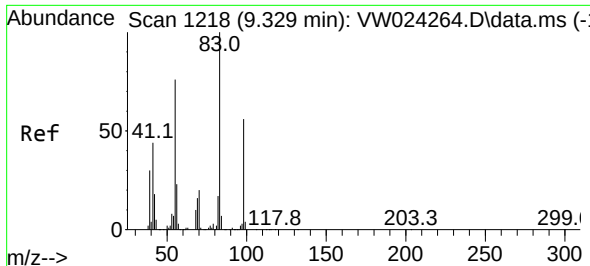
95 100

97 61.3 41.6 77.2

132 101.3 67.0 124.4

130 98.5 73.1 135.8

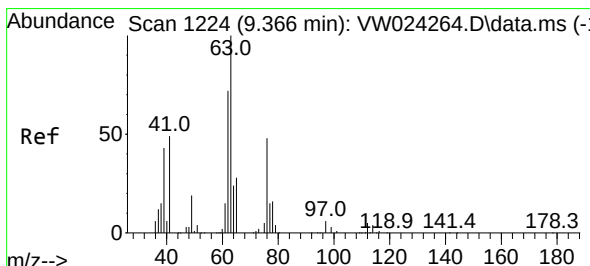
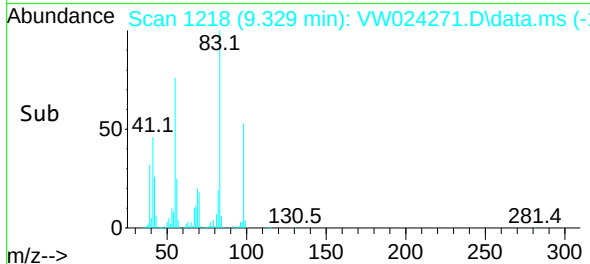
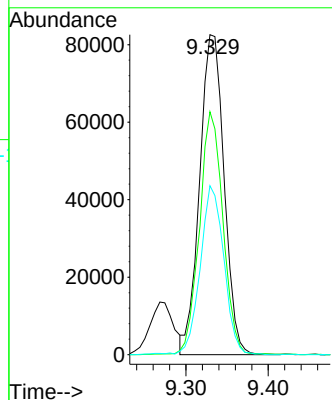
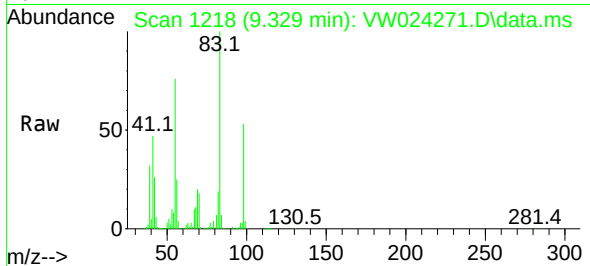




#35
Methylcyclohexane
Concen: 26.607 ug/L
RT: 9.329 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW024271.D
Acq: 18 Aug 2022 12:13

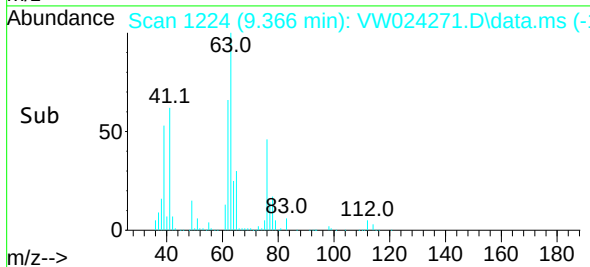
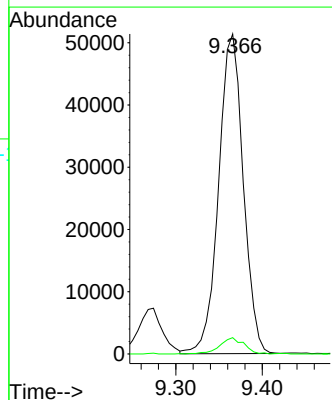
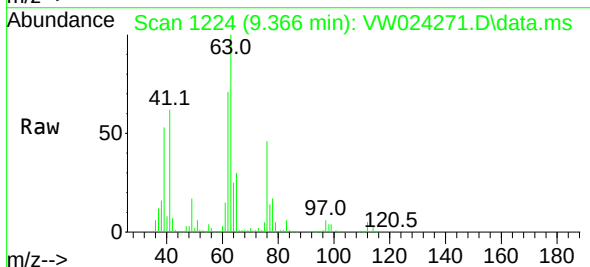
Instrument :
MSVOA_W
ClientSampleId :
VSTD025540

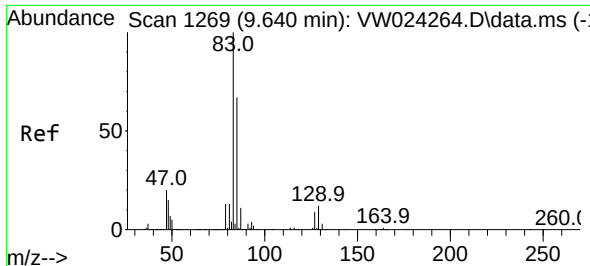
Tgt Ion: 83 Resp: 170811
Ion Ratio Lower Upper
83 100
55 72.5 59.1 88.7
98 50.8 40.8 61.2



#37
1,2-Dichloropropane
Concen: 26.490 ug/L
RT: 9.366 min Scan# 1224
Delta R.T. -0.000 min
Lab File: VW024271.D
Acq: 18 Aug 2022 12:13

Tgt Ion: 63 Resp: 101422
Ion Ratio Lower Upper
63 100
112 5.0 3.8 5.6

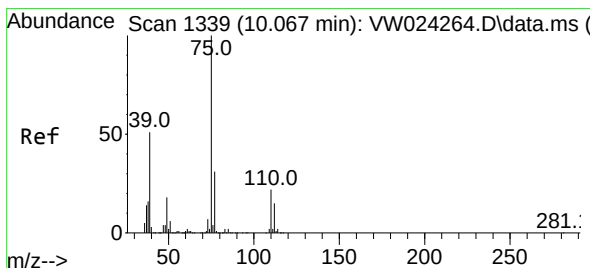
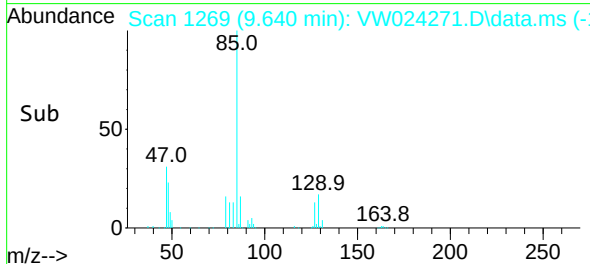
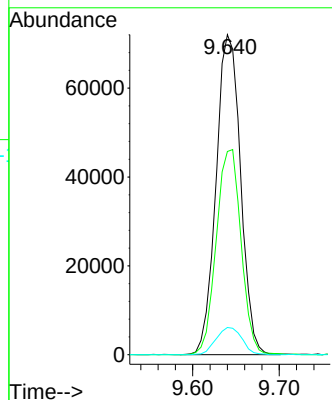
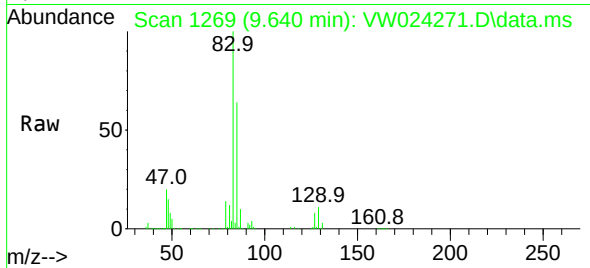




#38
Bromodichloromethane
Concen: 26.392 ug/L
RT: 9.640 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW024271.D
Acq: 18 Aug 2022 12:13

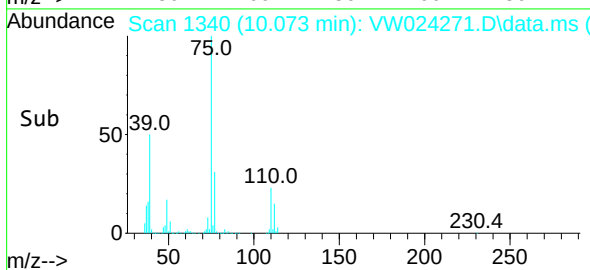
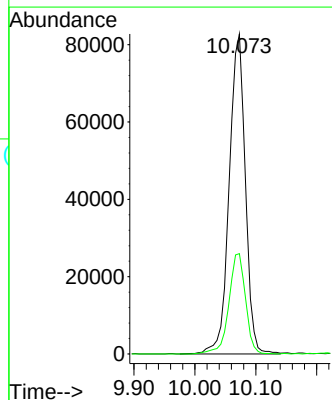
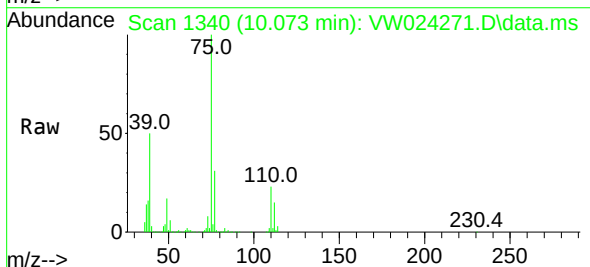
Instrument :
MSVOA_W
ClientSampleId :
VSTD025540

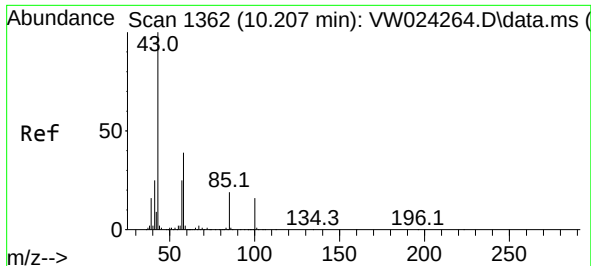
Tgt Ion: 83 Resp: 141726
Ion Ratio Lower Upper
83 100
85 63.5 43.7 81.1
127 8.5 6.9 10.3



#39
cis-1,3-Dichloropropene
Concen: 27.049 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. 0.006 min
Lab File: VW024271.D
Acq: 18 Aug 2022 12:13

Tgt Ion: 75 Resp: 152364
Ion Ratio Lower Upper
75 100
77 31.4 23.4 43.6





#40

4-Methyl-2-pentanone

Concen: 45.327 ug/L

RT: 10.207 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW024271.D

Acq: 18 Aug 2022 12:13

Instrument :

MSVOA_W

ClientSampleId :

VSTD025540

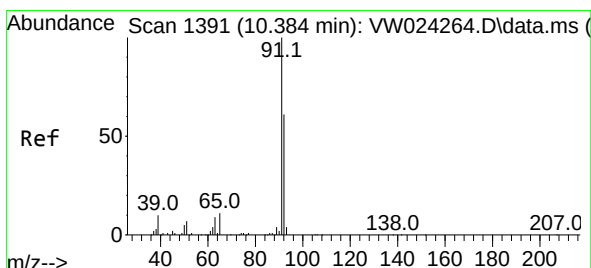
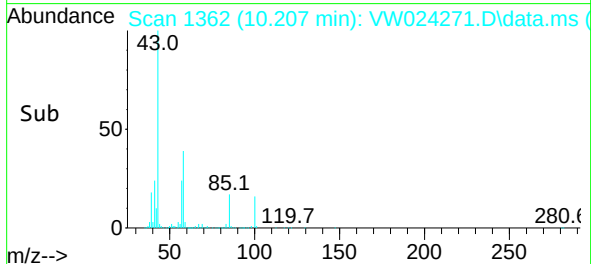
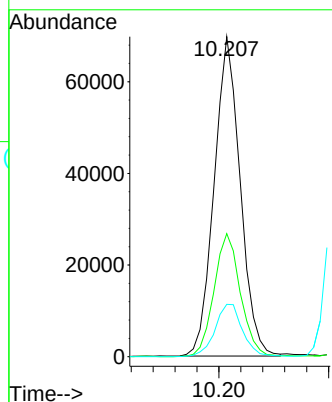
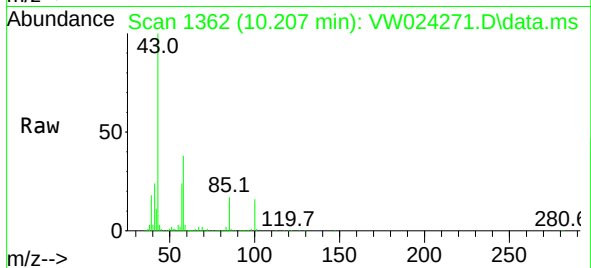
Tgt Ion: 43 Resp: 115177

Ion Ratio Lower Upper

43 100

58 39.0 30.5 45.7

100 17.5 13.8 20.6



#42

Toluene

Concen: 27.587 ug/L

RT: 10.384 min Scan# 1391

Delta R.T. -0.000 min

Lab File: VW024271.D

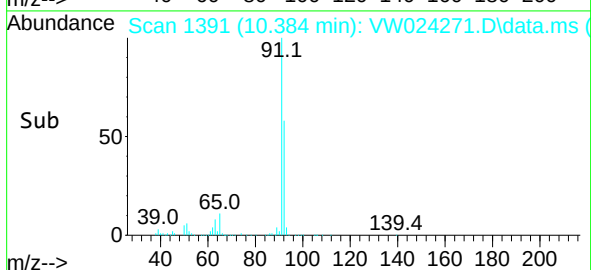
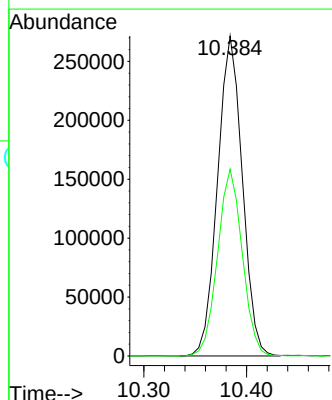
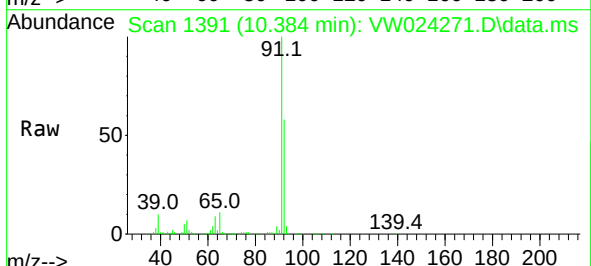
Acq: 18 Aug 2022 12:13

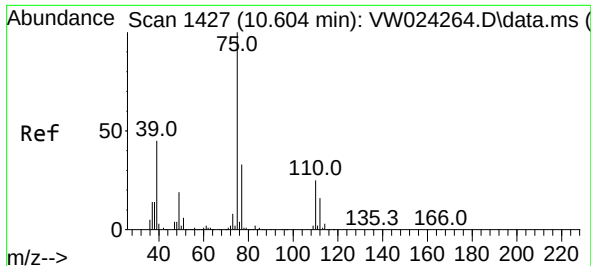
Tgt Ion: 91 Resp: 454051

Ion Ratio Lower Upper

91 100

92 58.4 41.4 77.0

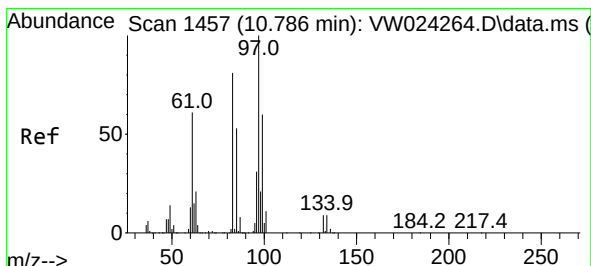
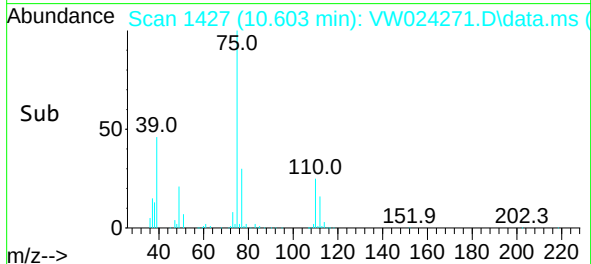
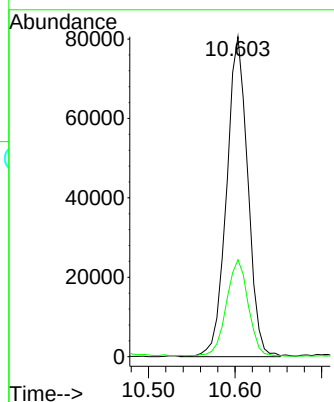
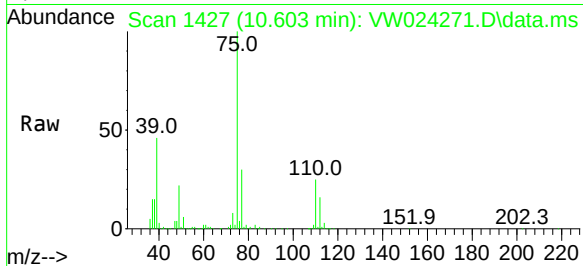




#44
trans-1,3-Dichloropropene
Concen: 26.608 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW024271.D
Acq: 18 Aug 2022 12:13

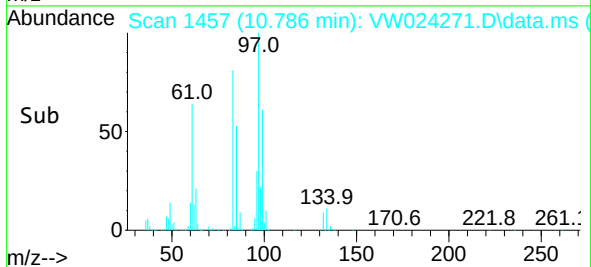
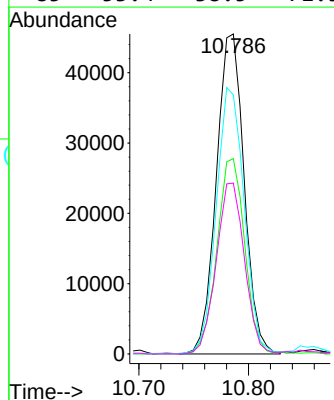
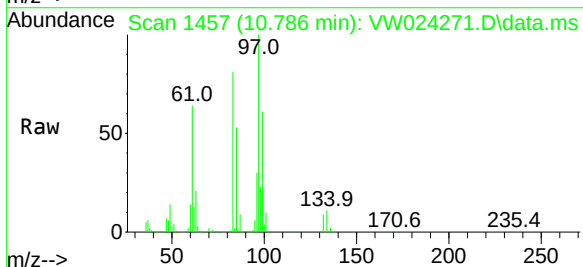
Instrument :
MSVOA_W
ClientSampleId :
VSTD025540

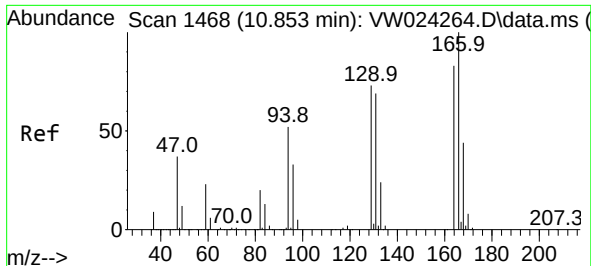
Tgt Ion: 75 Resp: 136950
Ion Ratio Lower Upper
75 100
77 30.3 22.4 41.6



#45
1,1,2-Trichloroethane
Concen: 24.830 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW024271.D
Acq: 18 Aug 2022 12:13

Tgt Ion: 97 Resp: 80127
Ion Ratio Lower Upper
97 100
99 61.0 43.8 81.3
83 81.0 56.4 104.7
85 53.4 38.5 71.5

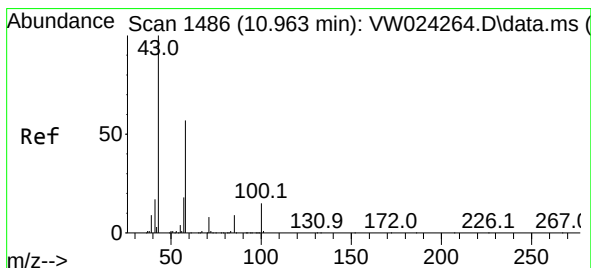
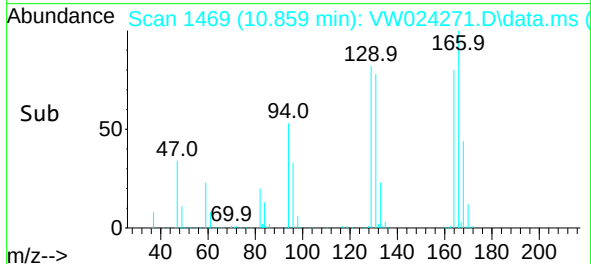
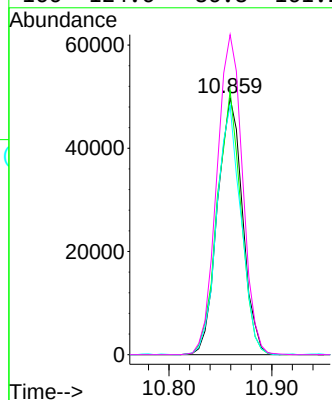
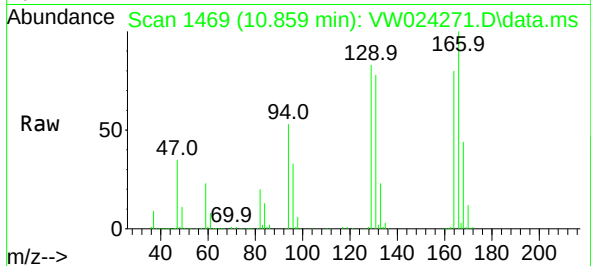




#46
Tetrachloroethene
Concen: 25.343 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. 0.006 min
Lab File: VW024271.D
Acq: 18 Aug 2022 12:13

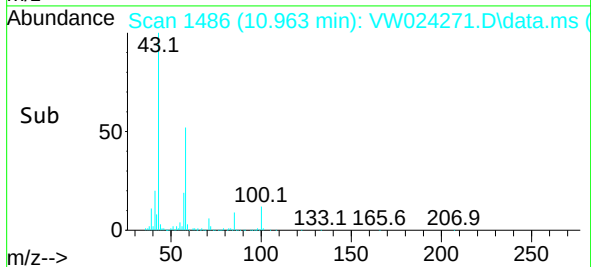
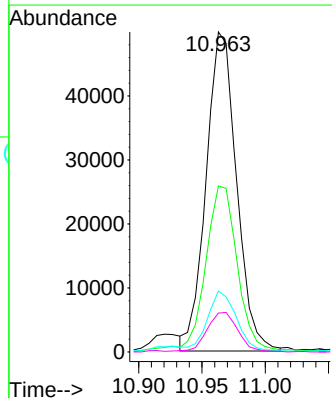
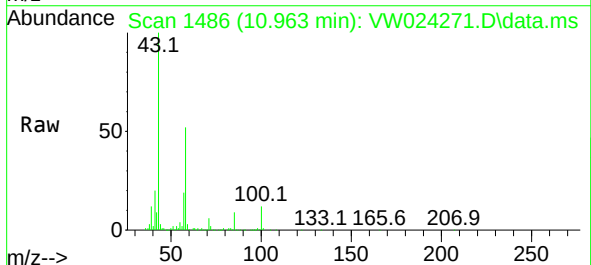
Instrument :
MSVOA_W
ClientSampleId :
VSTD025540

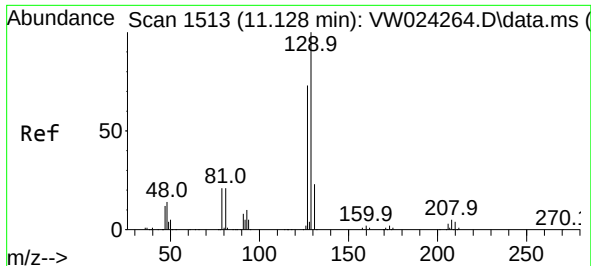
Tgt Ion:164	Resp:	83995
Ion	Ratio	Lower Upper
164	100	
129	102.8	63.1 117.3
131	97.1	63.9 118.7
166	124.6	86.8 161.2



#48
2-Hexanone
Concen: 48.439 ug/L
RT: 10.963 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VW024271.D
Acq: 18 Aug 2022 12:13

Tgt Ion: 43	Resp:	83532
Ion	Ratio	Lower Upper
43	100	
58	51.7	43.4 65.0
57	18.2	15.0 22.4
100	12.7	10.8 16.2





#49

Dibromochloromethane

Concen: 26.351 ug/L

RT: 11.128 min Scan# 1513

Delta R.T. -0.000 min

Lab File: VW024271.D

Acq: 18 Aug 2022 12:13

Instrument :

MSVOA_W

ClientSampleId :

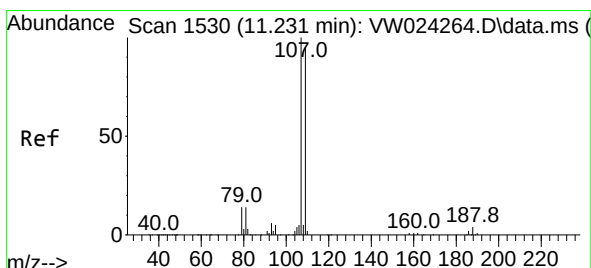
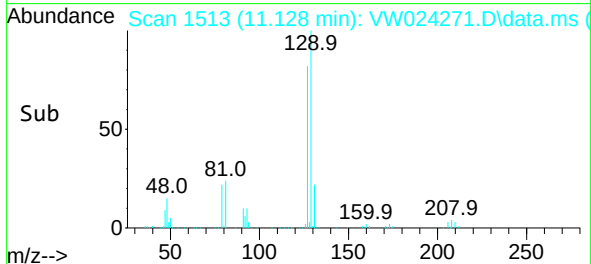
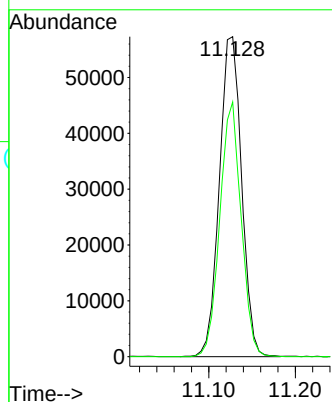
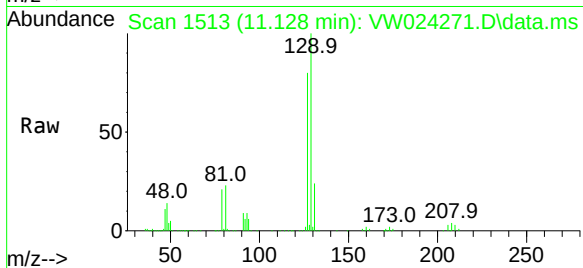
VSTD025540

Tgt Ion:129 Resp: 102375

Ion Ratio Lower Upper

129 100

127 79.6 52.3 97.1



#50

1,2-Dibromoethane

Concen: 24.087 ug/L

RT: 11.231 min Scan# 1530

Delta R.T. -0.000 min

Lab File: VW024271.D

Acq: 18 Aug 2022 12:13

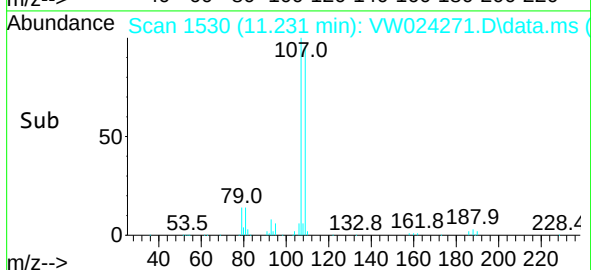
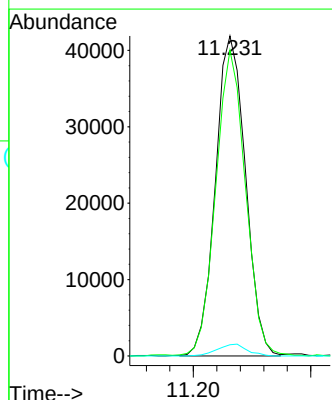
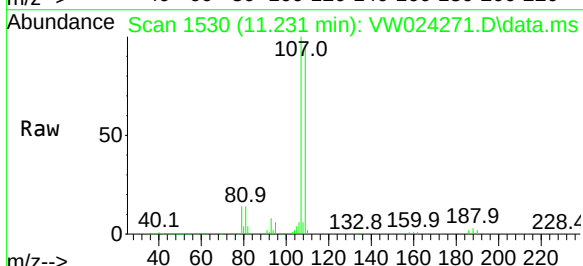
Tgt Ion:107 Resp: 74472

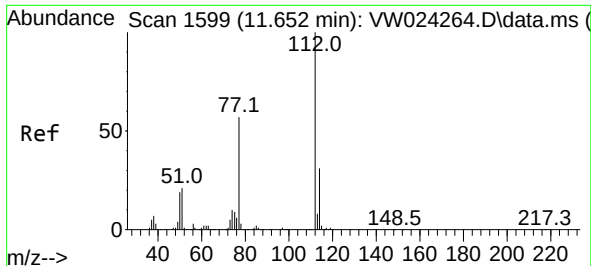
Ion Ratio Lower Upper

107 100

109 95.6 64.0 119.0

188 3.5 3.1 4.7

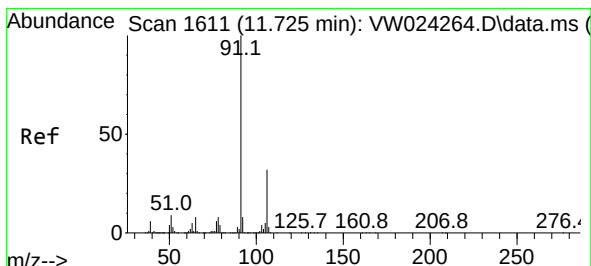
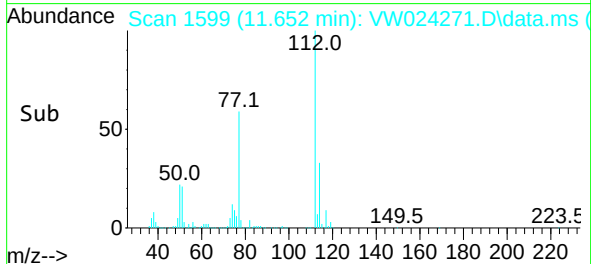
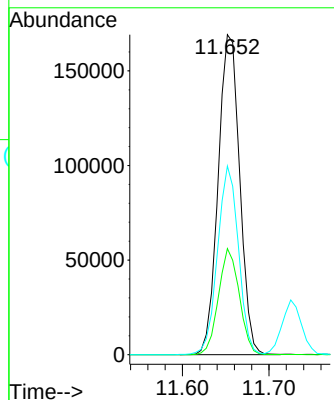
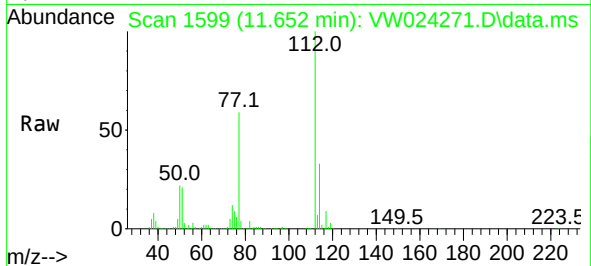




#51
Chlorobenzene
Concen: 26.028 ug/L
RT: 11.652 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW024271.D
Acq: 18 Aug 2022 12:13

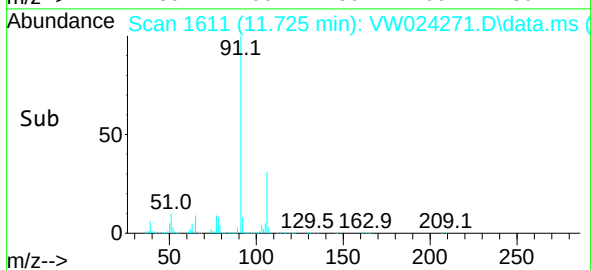
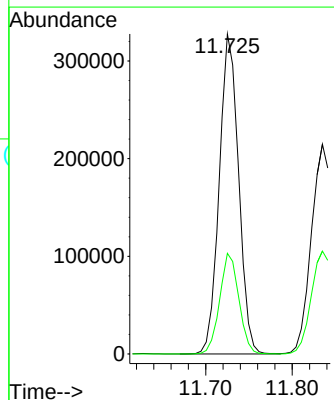
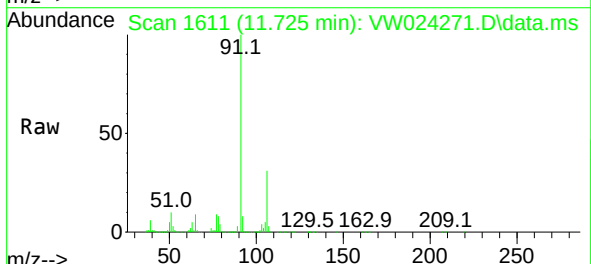
Instrument :
MSVOA_W
ClientSampleId :
VSTD025540

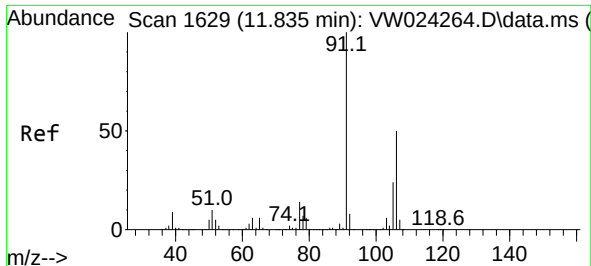
Tgt Ion:112 Resp: 292695
Ion Ratio Lower Upper
112 100
114 33.1 20.7 38.5
77 59.0 41.4 62.2



#52
Ethylbenzene
Concen: 28.203 ug/L
RT: 11.725 min Scan# 1611
Delta R.T. -0.000 min
Lab File: VW024271.D
Acq: 18 Aug 2022 12:13

Tgt Ion: 91 Resp: 508581
Ion Ratio Lower Upper
91 100
106 31.4 21.9 40.7

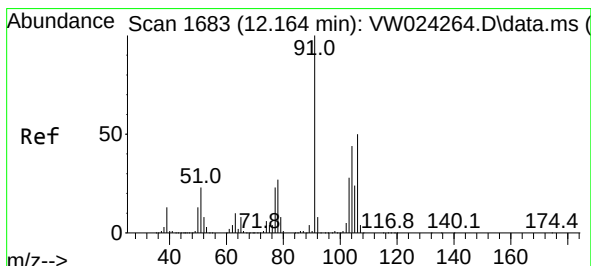
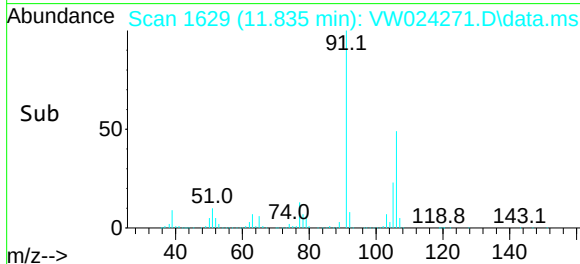
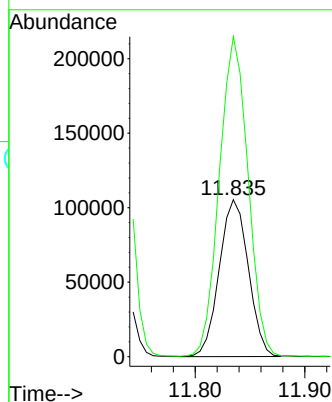
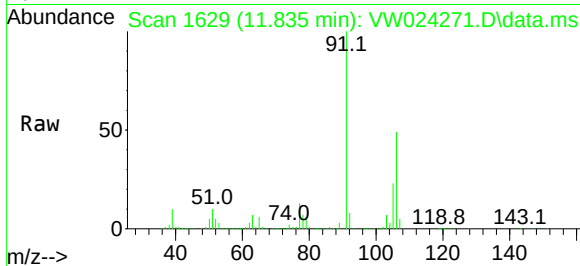




#53
m,p-Xylene
Concen: 27.646 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VW024271.D
Acq: 18 Aug 2022 12:13

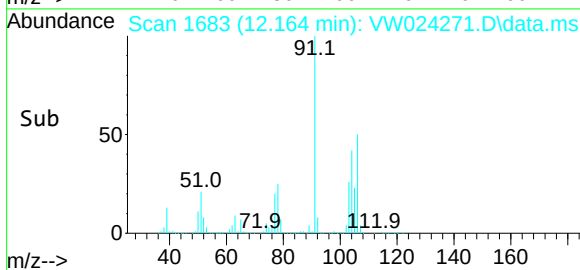
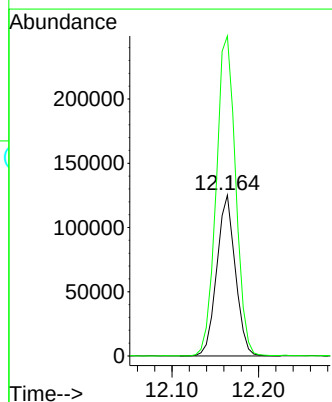
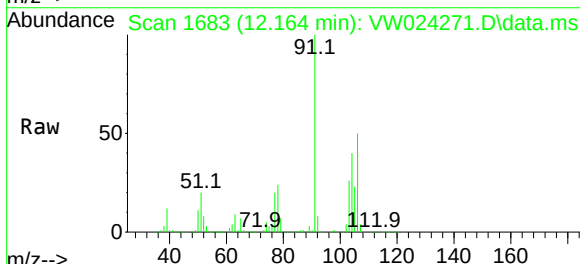
Instrument :
MSVOA_W
ClientSampleId :
VSTD025540

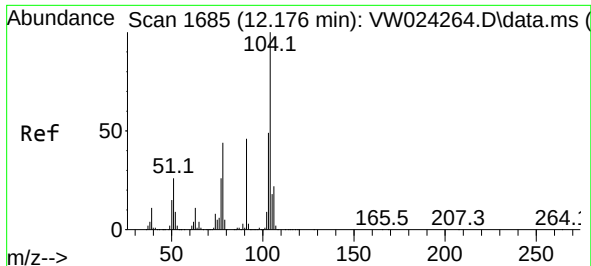
Tgt Ion:106 Resp: 194060
Ion Ratio Lower Upper
106 100
91 203.9 144.1 267.7



#54
o-Xylene
Concen: 28.060 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW024271.D
Acq: 18 Aug 2022 12:13

Tgt Ion:106 Resp: 186079
Ion Ratio Lower Upper
106 100
91 199.0 150.9 280.3

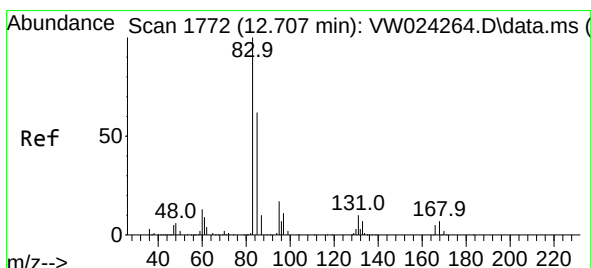
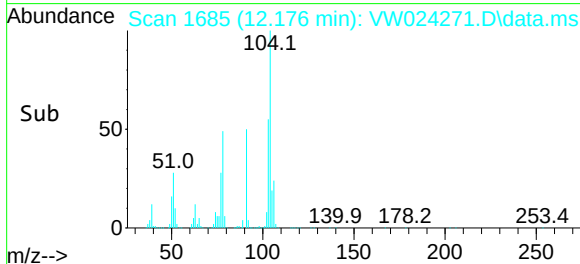
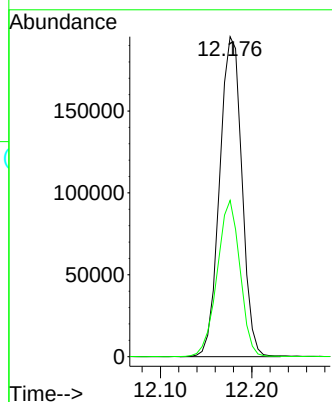
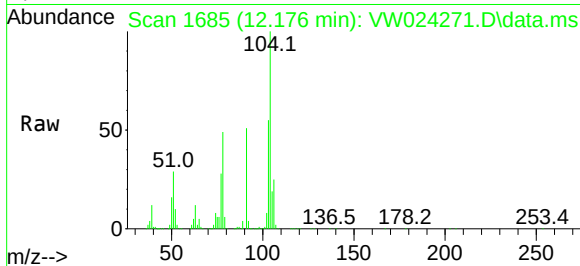




#55
Styrene
Concen: 28.706 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW024271.D
Acq: 18 Aug 2022 12:13

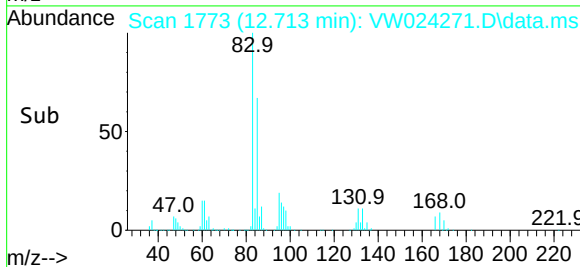
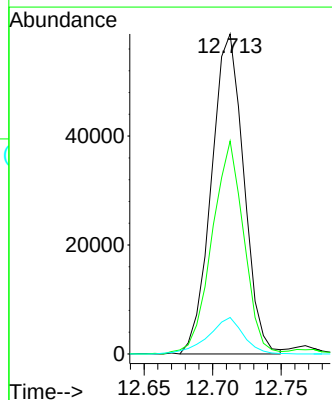
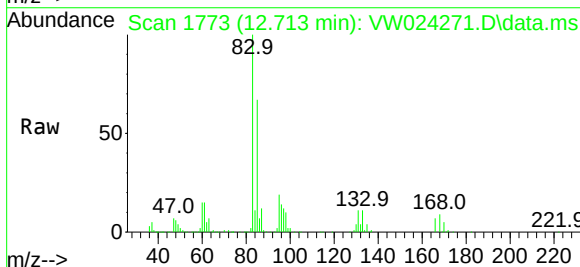
Instrument :
MSVOA_W
ClientSampleId :
VSTD025540

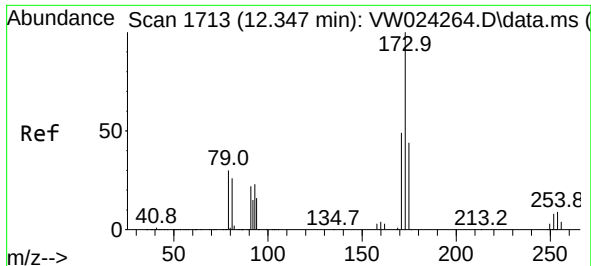
Tgt Ion:104 Resp: 331083
Ion Ratio Lower Upper
104 100
78 48.8 31.1 57.7



#57
1,1,2,2-Tetrachloroethane
Concen: 23.899 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. 0.006 min
Lab File: VW024271.D
Acq: 18 Aug 2022 12:13

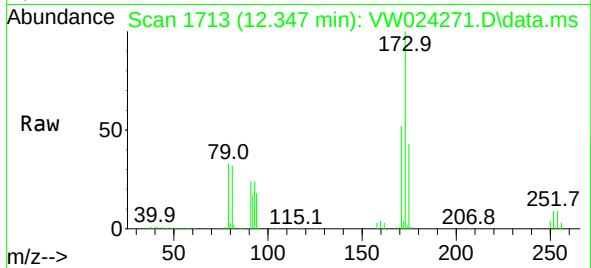
Tgt Ion: 83 Resp: 96385
Ion Ratio Lower Upper
83 100
85 66.6 44.1 81.9
131 11.4 8.3 12.5



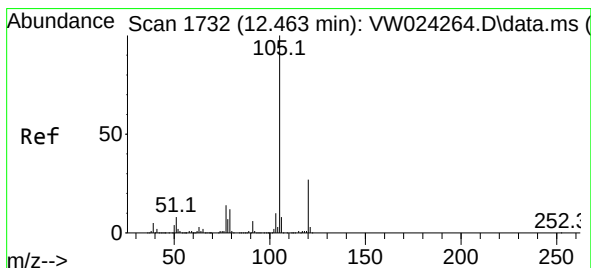
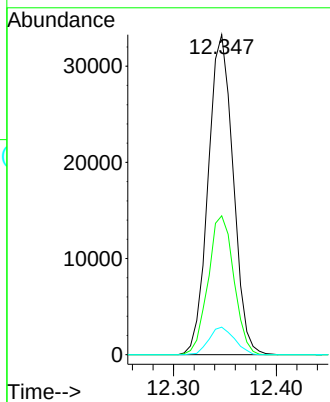
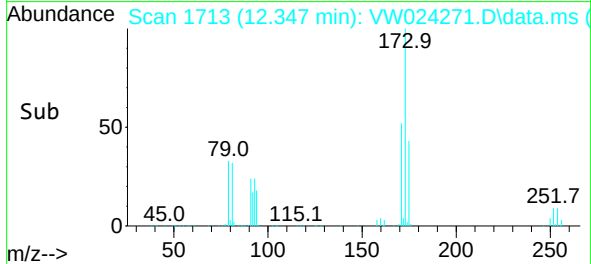


#59
Bromoform
Concen: 25.703 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. -0.000 min
Lab File: VW024271.D
Acq: 18 Aug 2022 12:13

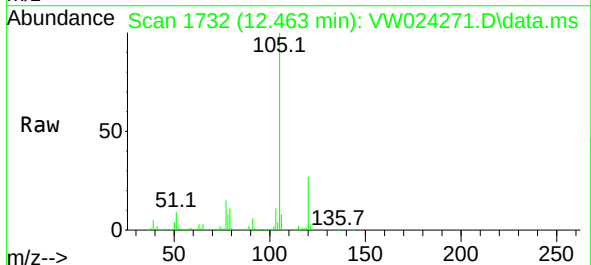
Instrument :
MSVOA_W
ClientSampleId :
VSTD025540



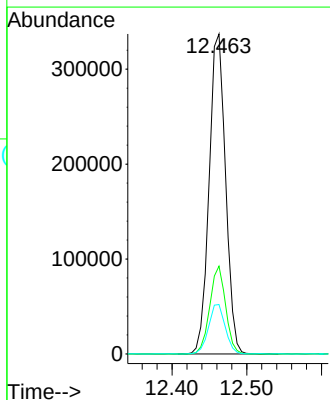
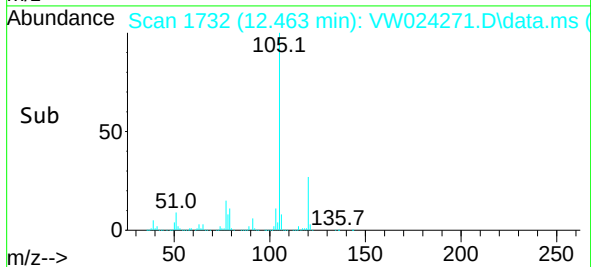
Tgt Ion:173 Resp: 56178
Ion Ratio Lower Upper
173 100
175 44.7 39.0 58.6
254 8.8 6.8 10.2

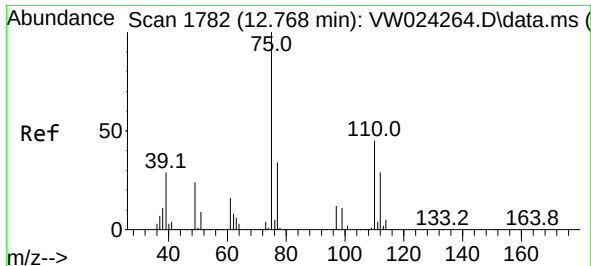


#60
Isopropylbenzene
Concen: 29.730 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW024271.D
Acq: 18 Aug 2022 12:13



Tgt Ion:105 Resp: 515709
Ion Ratio Lower Upper
105 100
120 26.5 21.4 32.2
77 15.7 12.4 18.6

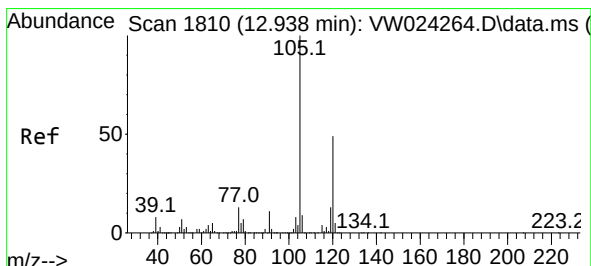
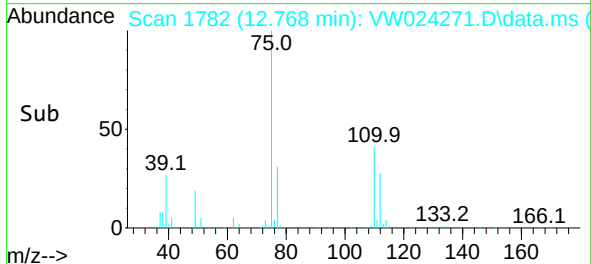
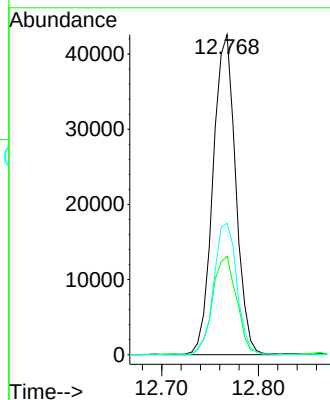
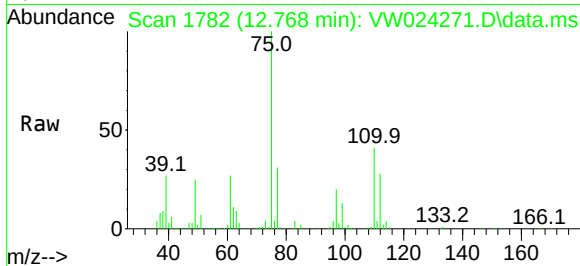




#61
1,2,3-Trichloropropane
Concen: 24.304 ug/L
RT: 12.768 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW024271.D
Acq: 18 Aug 2022 12:13

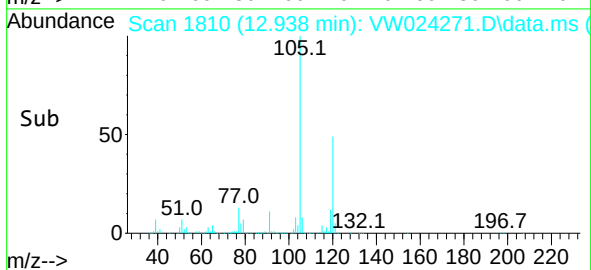
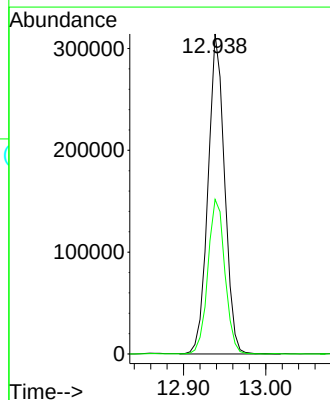
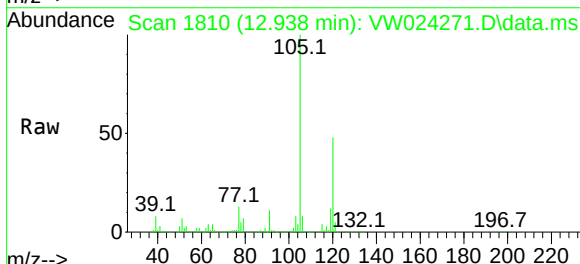
Instrument :
MSVOA_W
ClientSampleId :
VSTD025540

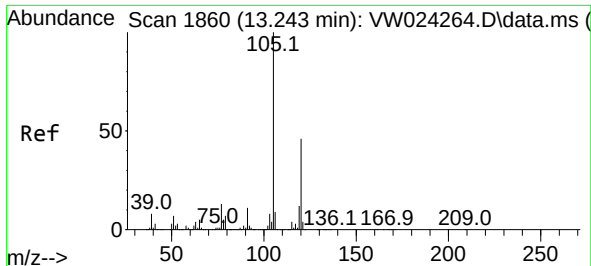
Tgt Ion: 75 Resp: 69306
Ion Ratio Lower Upper
75 100
77 32.7 26.2 39.4
110 41.8 33.6 50.4



#62
1,3,5-Trimethylbenzene
Concen: 30.657 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VW024271.D
Acq: 18 Aug 2022 12:13

Tgt Ion: 105 Resp: 439460
Ion Ratio Lower Upper
105 100
120 49.7 39.7 59.5

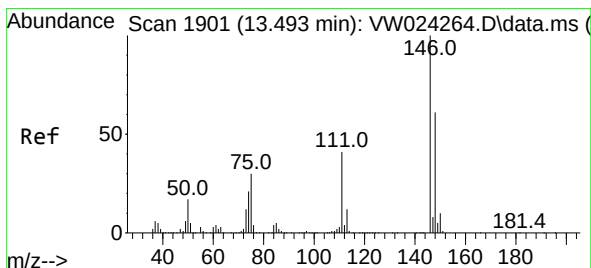
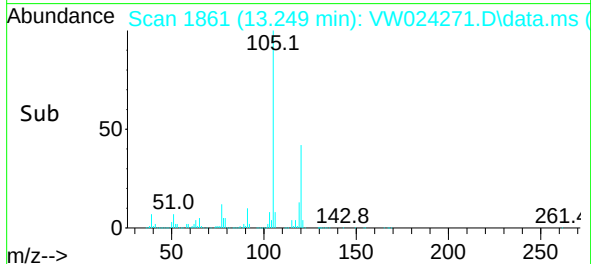
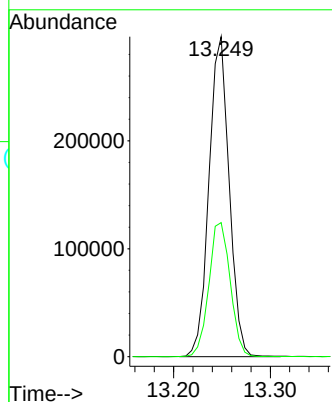
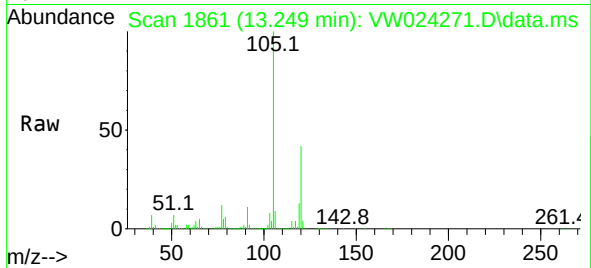




#63
1,2,4-Trimethylbenzene
Concen: 30.469 ug/L
RT: 13.249 min Scan# 1860
Delta R.T. 0.006 min
Lab File: VW024271.D
Acq: 18 Aug 2022 12:13

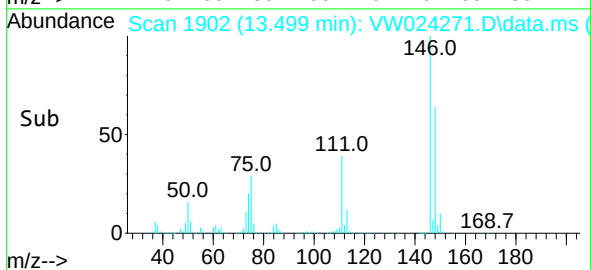
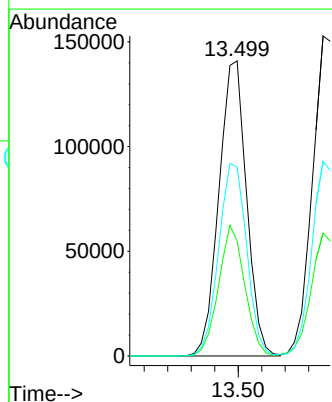
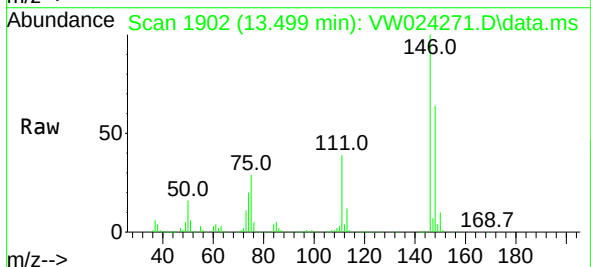
Instrument :
MSVOA_W
ClientSampleId :
VSTD025540

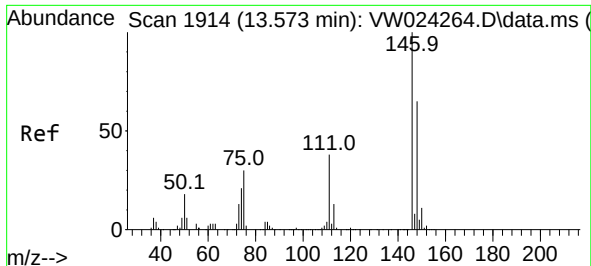
Tgt Ion:105 Resp: 430142
Ion Ratio Lower Upper
105 100
120 44.4 36.4 54.6



#64
1,3-Dichlorobenzene
Concen: 27.097 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.006 min
Lab File: VW024271.D
Acq: 18 Aug 2022 12:13

Tgt Ion:146 Resp: 230170
Ion Ratio Lower Upper
146 100
111 38.9 28.0 52.0
148 64.1 46.5 86.3

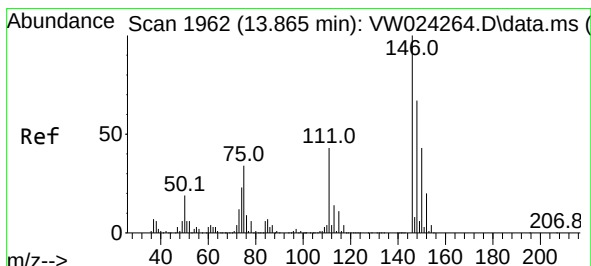
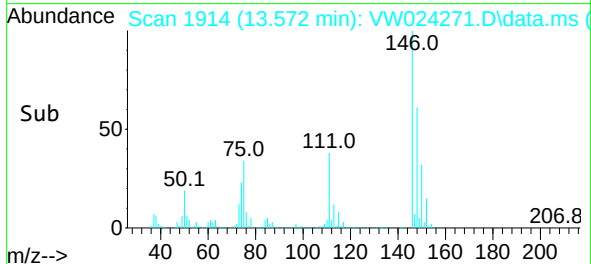
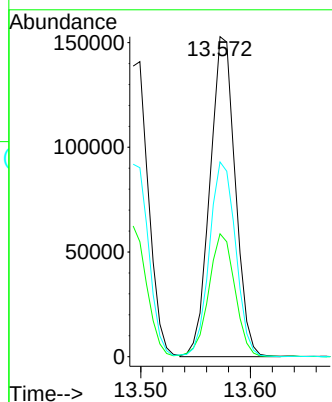
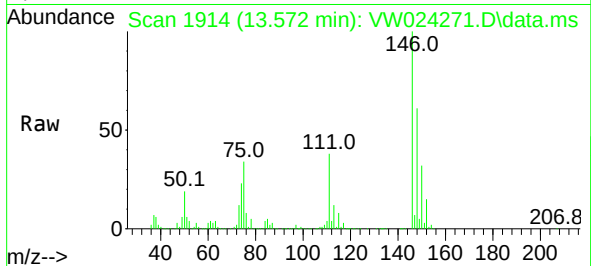




#65
1,4-Dichlorobenzene
Concen: 27.319 ug/L
RT: 13.572 min Scan# 1914
Delta R.T. -0.000 min
Lab File: VW024271.D
Acq: 18 Aug 2022 12:13

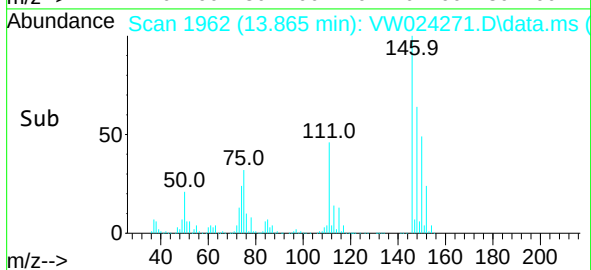
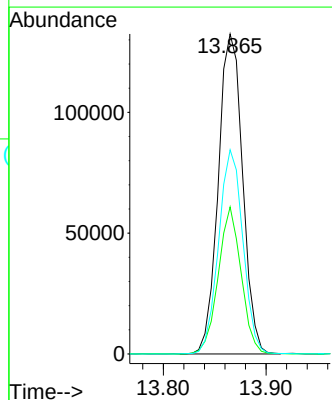
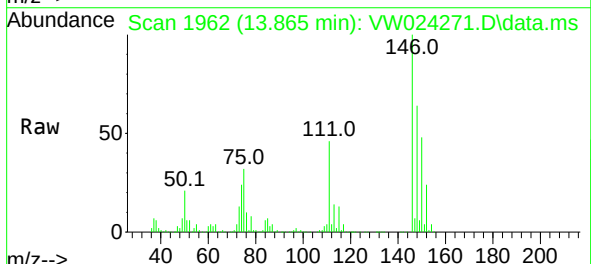
Instrument :
MSVOA_W
ClientSampleId :
VSTD025540

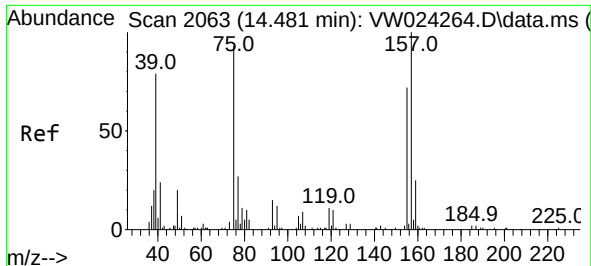
Tgt Ion:146 Resp: 245727
Ion Ratio Lower Upper
146 100
111 38.4 27.6 51.4
148 60.9 40.5 75.3



#67
1,2-Dichlorobenzene
Concen: 26.981 ug/L
RT: 13.865 min Scan# 1962
Delta R.T. -0.000 min
Lab File: VW024271.D
Acq: 18 Aug 2022 12:13

Tgt Ion:146 Resp: 217631
Ion Ratio Lower Upper
146 100
111 46.0 29.0 43.6#
148 63.8 47.8 71.8

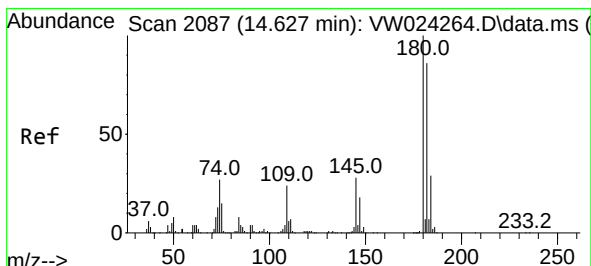
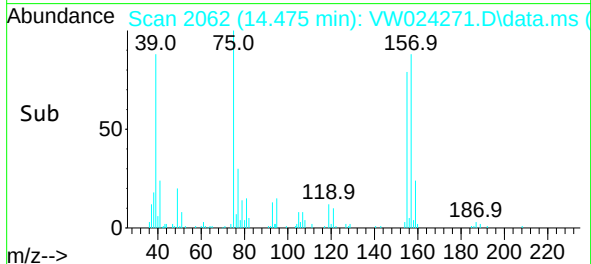
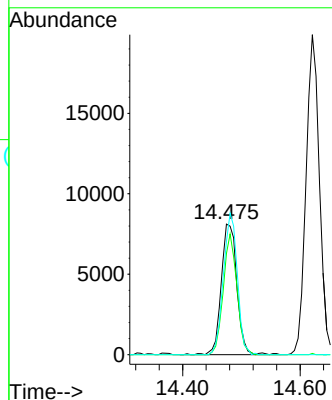
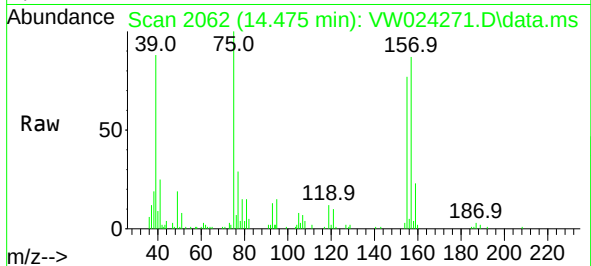




#68
1,2-Dibromo-3-chloropropane
Concen: 22.467 ug/L
RT: 14.475 min Scan# 2062
Delta R.T. -0.006 min
Lab File: VW024271.D
Acq: 18 Aug 2022 12:13

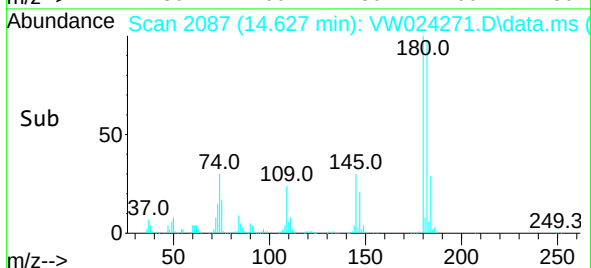
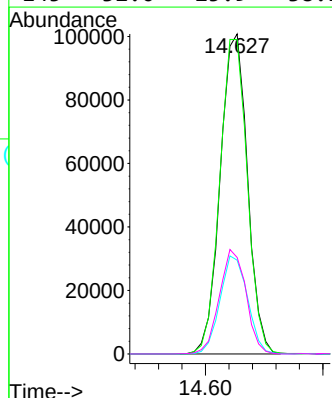
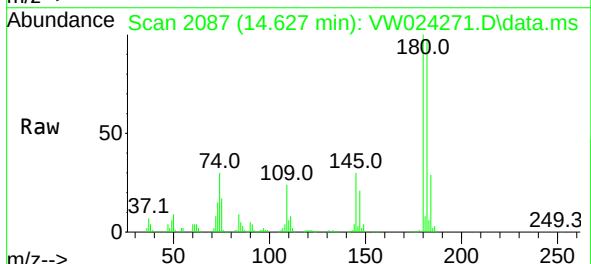
Instrument :
MSVOA_W
ClientSampleId :
VSTD025540

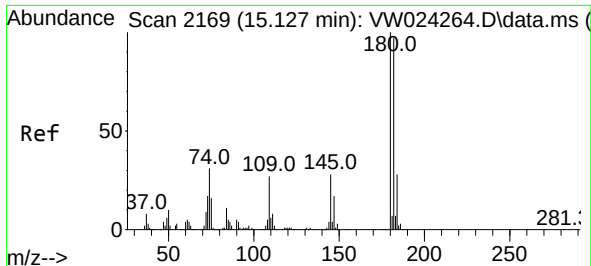
Tgt Ion: 75 Resp: 14969
Ion Ratio Lower Upper
75 100
155 77.5 68.8 103.2
157 86.7 91.5 137.3#



#69
1,3,5-Trichlorobenzene
Concen: 29.147 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. -0.000 min
Lab File: VW024271.D
Acq: 18 Aug 2022 12:13

Tgt Ion:180 Resp: 162342
Ion Ratio Lower Upper
180 100
182 99.2 78.4 117.6
184 30.9 24.7 37.1
145 32.0 25.9 38.9

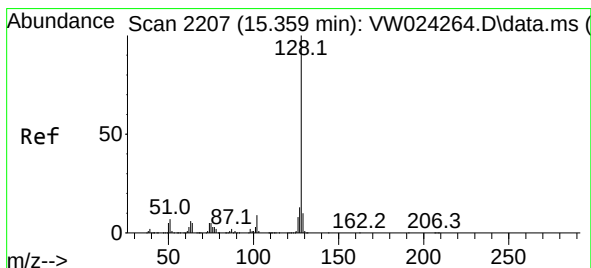
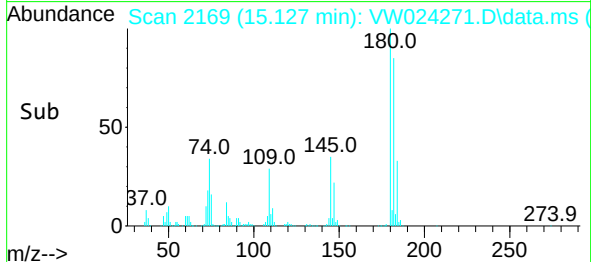
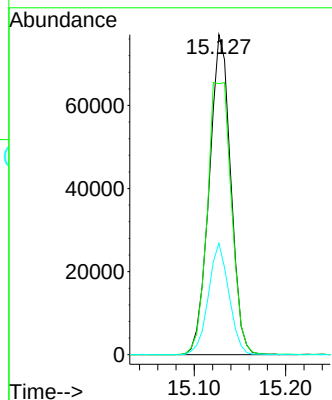
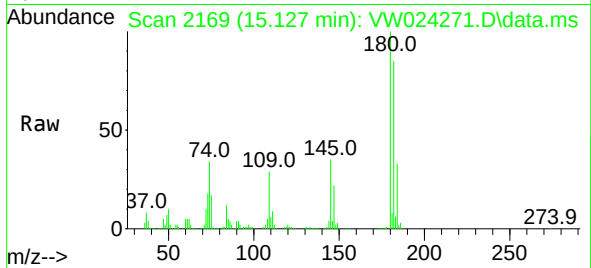




#70
1,2,4-trichlorobenzene
Concen: 28.231 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. -0.000 min
Lab File: VW024271.D
Acq: 18 Aug 2022 12:13

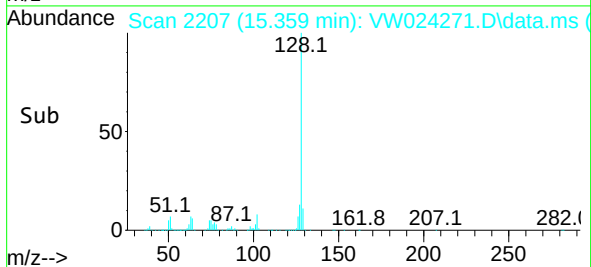
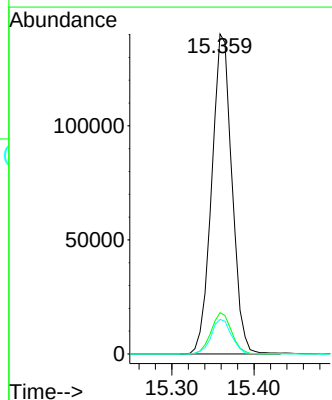
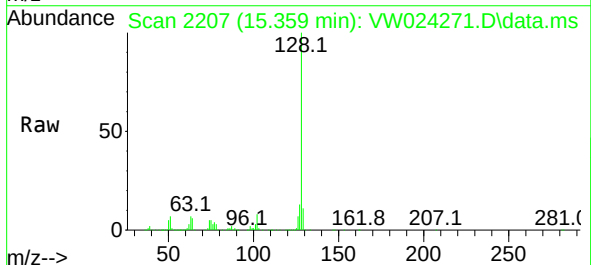
Instrument :
MSVOA_W
ClientSampleId :
VSTD025540

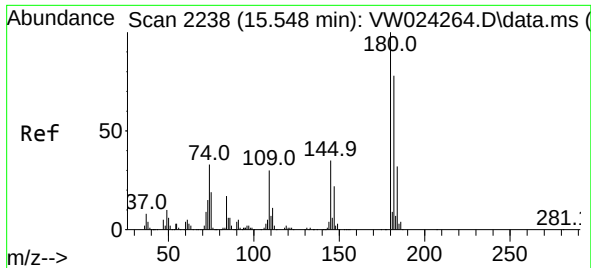
Tgt Ion:180 Resp: 125925
Ion Ratio Lower Upper
180 100
182 95.4 75.0 112.4
145 33.2 25.1 37.7



#71
Naphthalene
Concen: 27.623 ug/L
RT: 15.359 min Scan# 2207
Delta R.T. -0.000 min
Lab File: VW024271.D
Acq: 18 Aug 2022 12:13

Tgt Ion:128 Resp: 239996
Ion Ratio Lower Upper
128 100
127 13.1 10.7 16.1
129 10.8 8.8 13.2





#72
 1,2,3-Trichlorobenzene
 Concen: 29.491 ug/L
 RT: 15.548 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW024271.D
 Acq: 18 Aug 2022 12:13

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025540

Tgt Ion:180 Resp: 119764
 Ion Ratio Lower Upper
 180 100
 182 92.6 75.4 113.2
 145 32.6 26.9 40.3

