

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062222\
 Data File : VW023511.D
 Acq On : 22 Jun 2022 15:45
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025579

Quant Time: Jun 23 01:22:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061022SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Jun 23 01:21:32 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	366721	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	354254	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	193290	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	101935	17.496	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.000%
7) Chloroethane-d5	2.885	69	82093	19.169	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.680%
11) 1,1-Dichloroethene-d2	4.019	63	162433	19.974	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	79.880%
21) 2-Butanone-d5	7.074	46	56565	47.552	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.100%
24) Chloroform-d	7.647	84	224889	22.277	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.120%
26) 1,2-Dichloroethane-d4	8.305	65	112994	20.783	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	83.120%
32) Benzene-d6	8.275	84	396664	21.118	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.480%
36) 1,2-Dichloropropane-d6	9.274	67	122734	22.178	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.720%
41) Toluene-d8	10.323	98	389533	21.232	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.920%
43) trans-1,3-Dichloroprop...	10.579	79	53706	21.263	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.040%
47) 2-Hexanone-d5	10.927	63	44674	50.520	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.040%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	120759	23.364	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.440%
66) 1,2-Dichlorobenzene-d4	13.853	152	157431	22.562	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.240%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.007	85	37185	27.809	ug/L	90
3) Chloromethane	2.215	50	110857	25.063	ug/L	99
5) Vinyl chloride	2.361	62	161691	23.455	ug/L	98
6) Bromomethane	2.776	94	80987	20.757	ug/L	96
8) Chloroethane	2.922	64	83146	22.768	ug/L	97
9) Trichlorofluoromethane	3.257	101	75461	24.271	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	116340	25.955	ug/L	96
12) 1,1-Dichloroethene	4.044	96	96269	24.109	ug/L	92
13) Acetone	4.123	43	36340	42.403	ug/L	98
14) Carbon disulfide	4.385	76	263245	21.431	ug/L	100
15) Methyl Acetate	4.678	43	43264	22.611	ug/L	96
16) Methylene chloride	4.921	84	121003	24.380	ug/L	99
17) trans-1,2-Dichloroethene	5.428	96	112523	23.801	ug/L	97
18) Methyl tert-butyl Ether	5.428	73	180550	25.373	ug/L #	92
19) 1,1-Dichloroethane	6.214	63	206476	24.382	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	130897	25.317	ug/L #	100
22) 2-Butanone	7.177	43	60905	46.429	ug/L	96
23) Bromochloromethane	7.519	128	60328	25.328	ug/L	87
25) Chloroform	7.677	83	234612	24.550	ug/L	98

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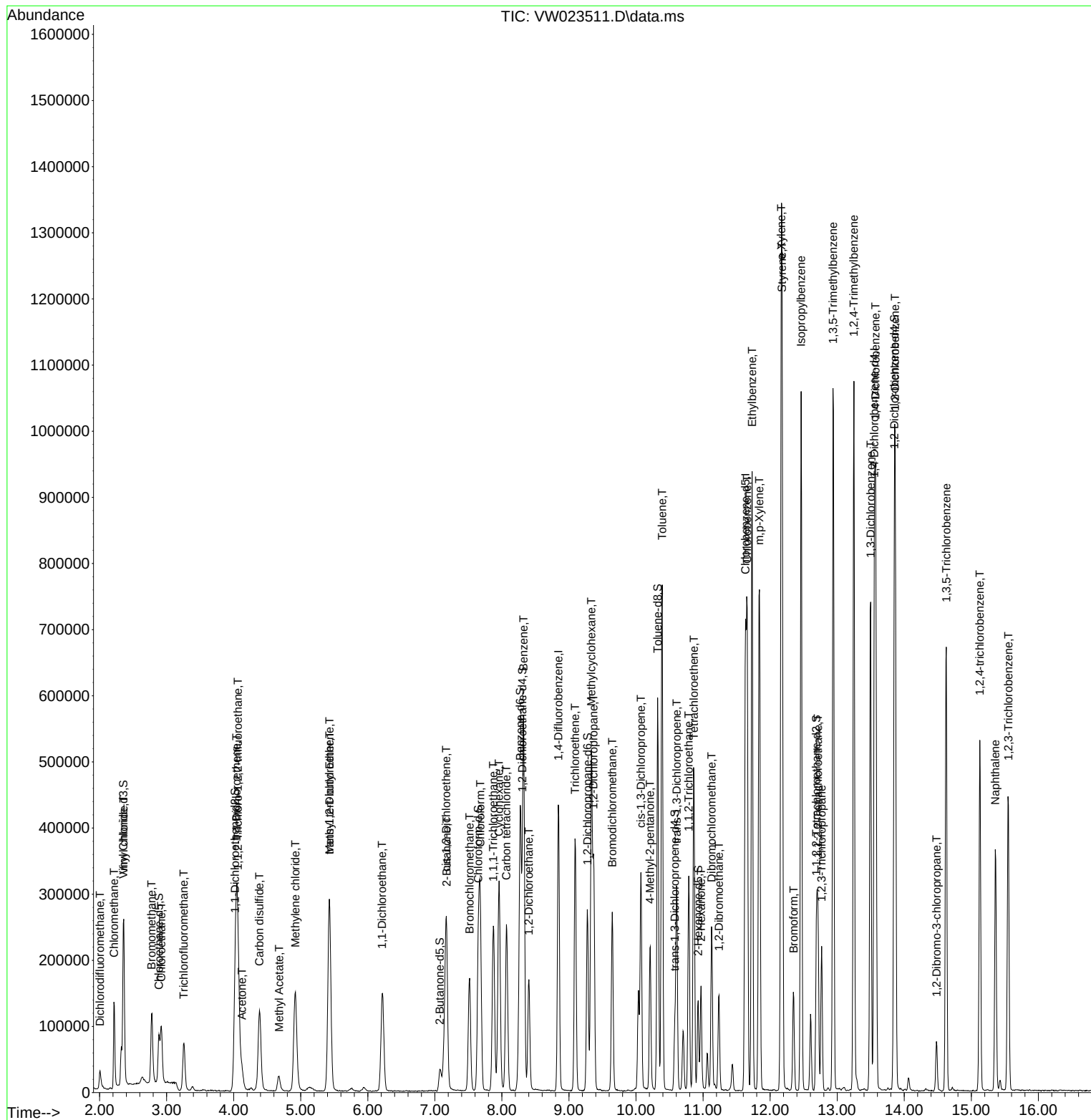
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061022SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Jun 23 01:21:32 2022
 Response via : Initial Calibration

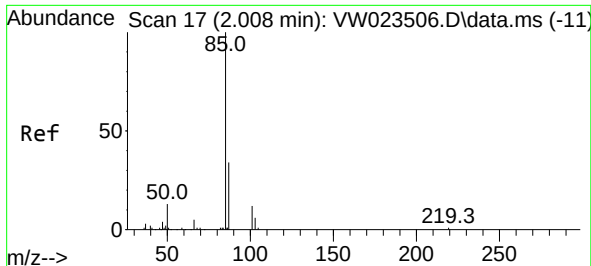
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	148590	23.510	ug/L	98
29) Cyclohexane	7.958	56	165072	23.135	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	200936	24.504	ug/L	99
31) Carbon tetrachloride	8.067	117	184827	24.466	ug/L	97
33) Benzene	8.323	78	494662	24.172	ug/L	100
34) Trichloroethene	9.091	95	129904	23.683	ug/L	98
35) Methylcyclohexane	9.335	83	205471	23.138	ug/L	98
37) 1,2-Dichloropropane	9.366	63	119546	23.904	ug/L	98
38) Bromodichloromethane	9.646	83	170272	24.208	ug/L	94
39) cis-1,3-Dichloropropene	10.073	75	185488	24.204	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	135332	47.445	ug/L	99
42) Toluene	10.390	91	553029	24.188	ug/L	98
44) trans-1,3-Dichloropropene	10.610	75	165486	23.931	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	97925	23.838	ug/L	97
46) Tetrachloroethene	10.866	164	100083	23.636	ug/L	85
48) 2-Hexanone	10.969	43	92793	48.137	ug/L	99
49) Dibromochloromethane	11.128	129	121786	25.314	ug/L	96
50) 1,2-Dibromoethane	11.237	107	93569	24.366	ug/L	95
51) Chlorobenzene	11.658	112	372223	24.123	ug/L	99
52) Ethylbenzene	11.731	91	627176	24.135	ug/L	99
53) m,p-Xylene	11.841	106	245313	24.256	ug/L	93
54) o-Xylene	12.164	106	241131	24.949	ug/L	100
55) Styrene	12.176	104	418854	24.925	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.713	83	121690	24.393	ug/L	92
59) Bromoform	12.353	173	62766	22.845	ug/L #	95
60) Isopropylbenzene	12.463	105	658611	23.804	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	81732	22.223	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	563551	24.905	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	558880	24.681	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	297489	24.237	ug/L	95
65) 1,4-Dichlorobenzene	13.572	146	290614	23.188	ug/L	97
67) 1,2-Dichlorobenzene	13.865	146	269114	23.938	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.481	75	18528	22.815	ug/L	96
69) 1,3,5-Trichlorobenzene	14.627	180	202260	25.219	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	161091	25.795	ug/L	96
71) Naphthalene	15.359	128	302908	24.656	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	144507	26.617	ug/L	99

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

Instrument :
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ClientSampleId :
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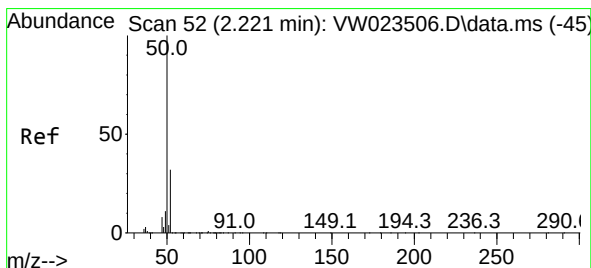
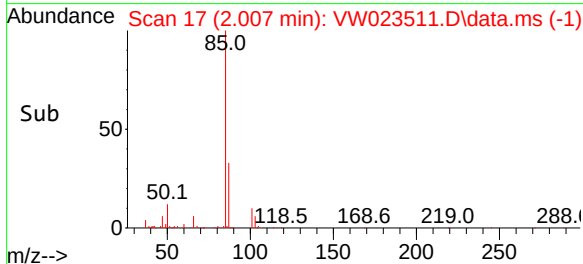
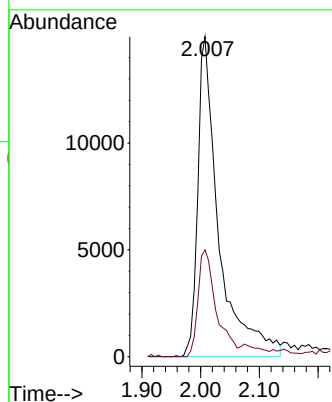
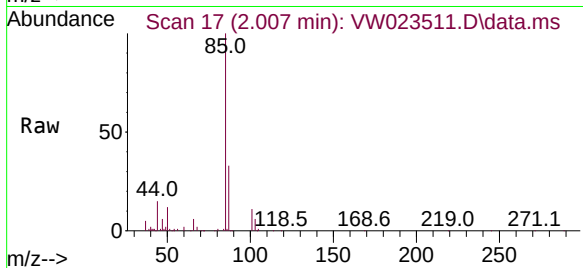




#2
 Dichlorodifluoromethane
 Concen: 27.809 ug/L
 RT: 2.007 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VW023511.D
 Acq: 22 Jun 2022 15:45

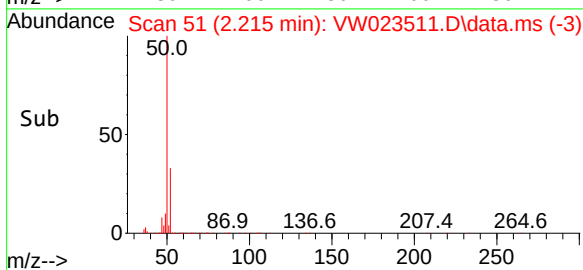
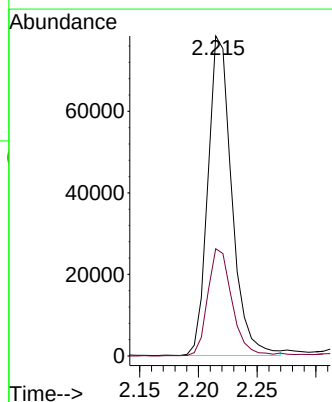
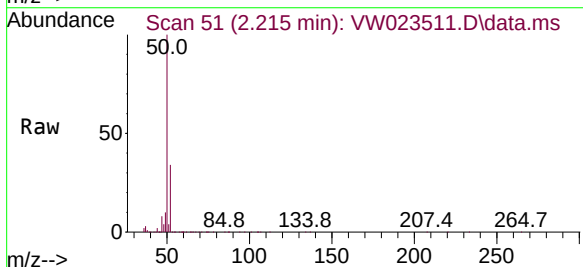
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025579

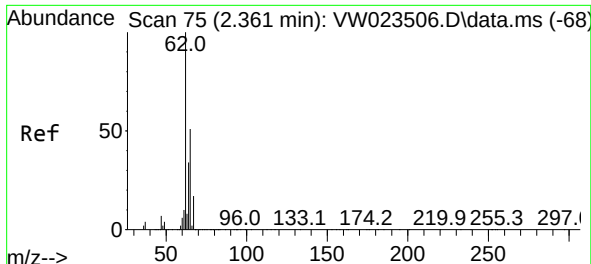
Tgt Ion: 85 Resp: 37185
 Ion Ratio Lower Upper
 85 100
 87 29.1 27.8 41.8



#3
 Chloromethane
 Concen: 25.063 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VW023511.D
 Acq: 22 Jun 2022 15:45

Tgt Ion: 50 Resp: 110857
 Ion Ratio Lower Upper
 50 100
 52 33.5 23.1 42.9

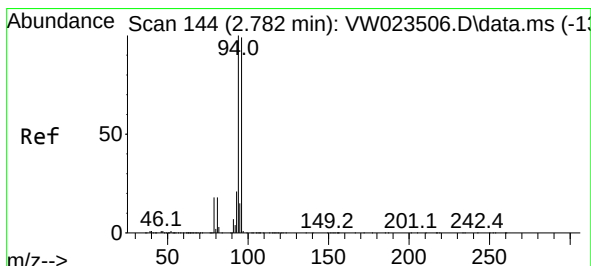
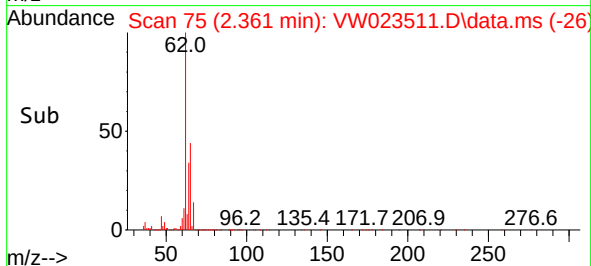
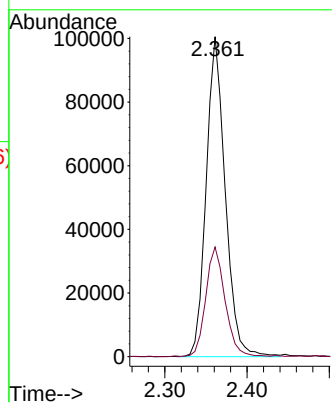
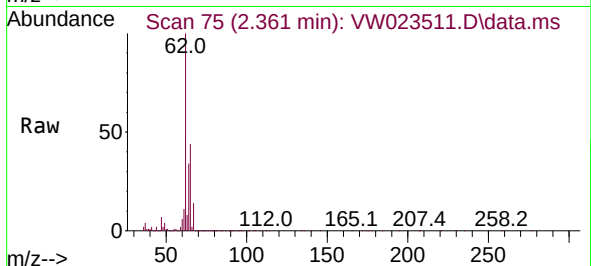




#5
 Vinyl chloride
 Concen: 23.455 ug/L
 RT: 2.361 min Scan# 75
 Delta R.T. -0.000 min
 Lab File: VW023511.D
 Acq: 22 Jun 2022 15:45

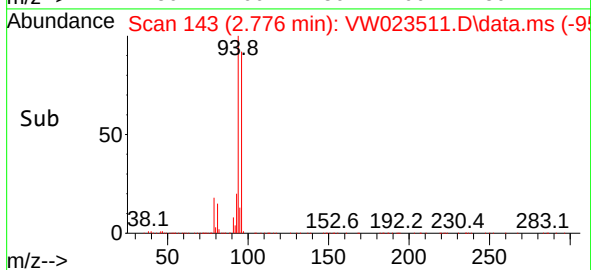
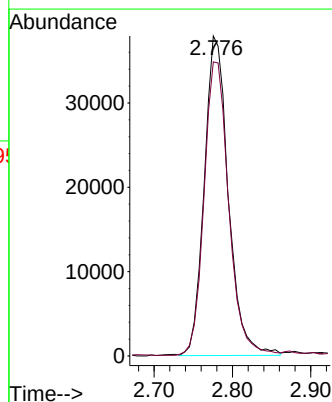
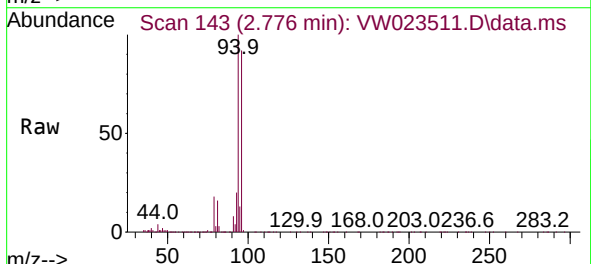
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025579

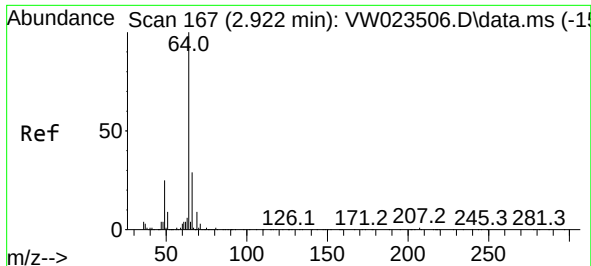
Tgt Ion: 62 Resp: 161691
 Ion Ratio Lower Upper
 62 100
 64 34.2 24.9 46.3



#6
 Bromomethane
 Concen: 20.757 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. -0.006 min
 Lab File: VW023511.D
 Acq: 22 Jun 2022 15:45

Tgt Ion: 94 Resp: 80987
 Ion Ratio Lower Upper
 94 100
 96 91.9 61.7 114.5

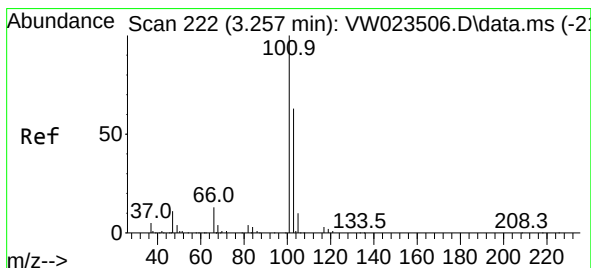
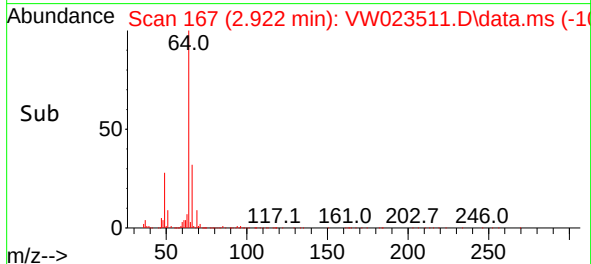
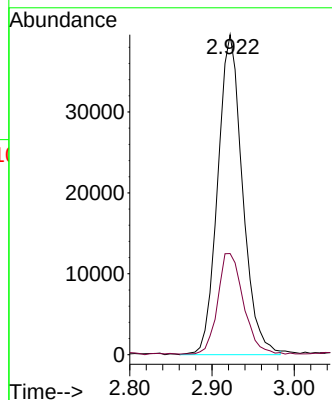
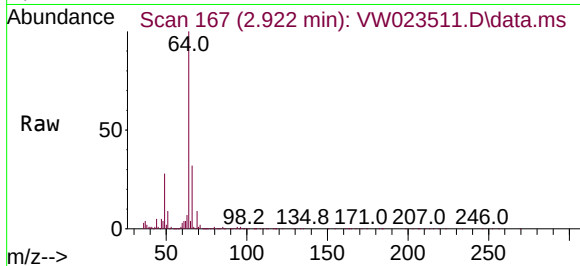




#8
Chloroethane
Concen: 22.768 ug/L
RT: 2.922 min Scan# 167
Delta R.T. -0.000 min
Lab File: VW023511.D
Acq: 22 Jun 2022 15:45

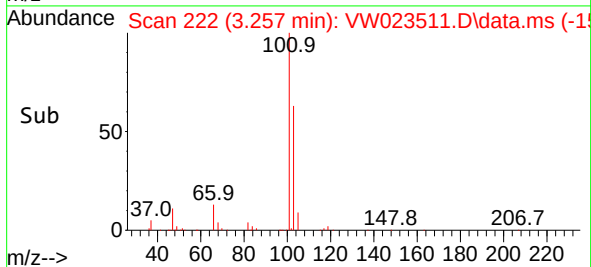
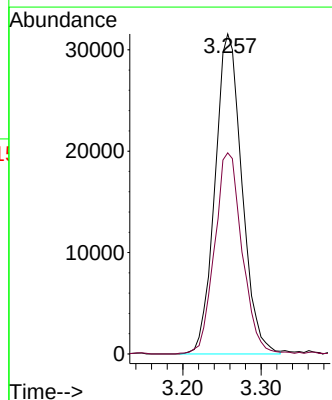
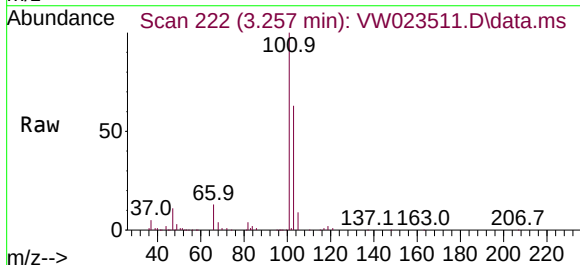
Instrument :
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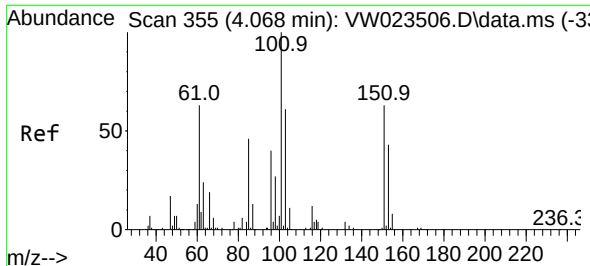
Tgt Ion: 64 Resp: 83146
Ion Ratio Lower Upper
64 100
66 31.6 23.4 43.6



#9
Trichlorofluoromethane
Concen: 24.271 ug/L
RT: 3.257 min Scan# 222
Delta R.T. -0.000 min
Lab File: VW023511.D
Acq: 22 Jun 2022 15:45

Tgt Ion: 101 Resp: 75461
Ion Ratio Lower Upper
101 100
103 64.1 53.9 80.9

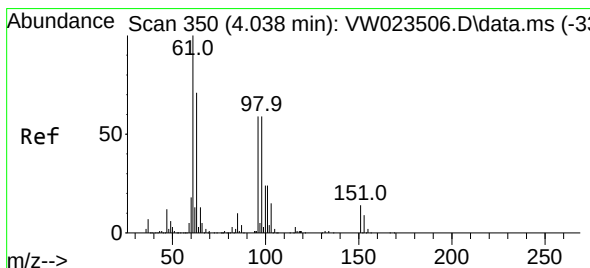
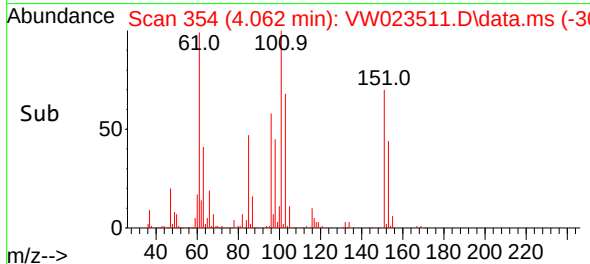
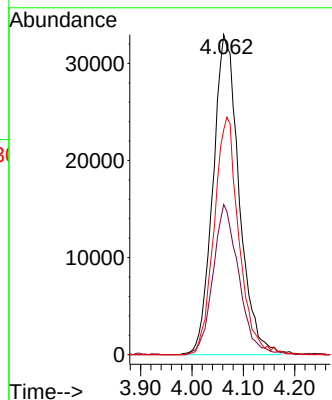
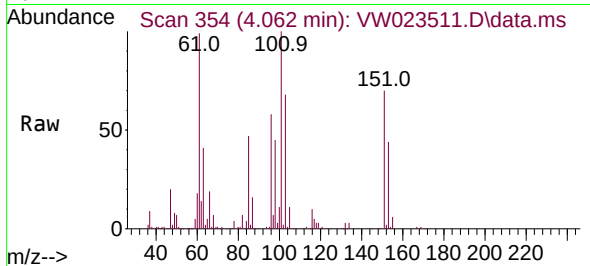




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 25.955 ug/L
 RT: 4.062 min Scan# 310
 Delta R.T. -0.006 min
 Lab File: VW023511.D
 Acq: 22 Jun 2022 15:45

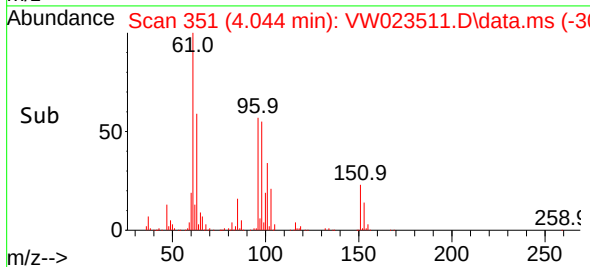
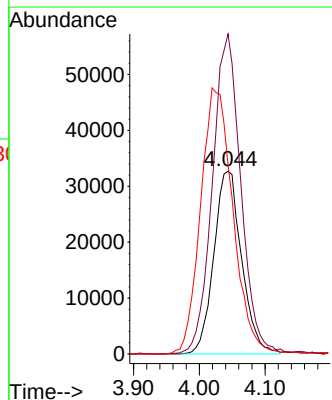
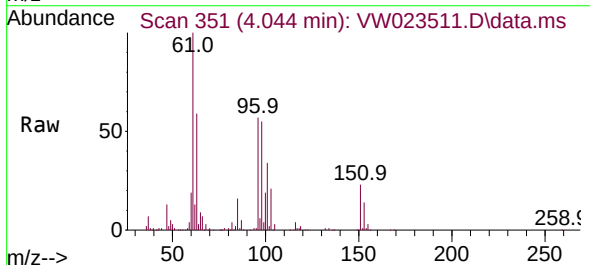
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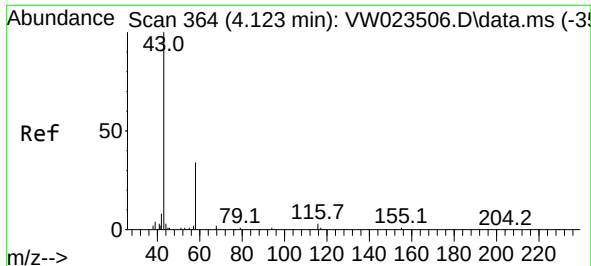
Tgt Ion:101 Resp: 116340
 Ion Ratio Lower Upper
 101 100
 85 45.9 34.3 51.5
 151 70.5 54.2 81.2



#12
 1,1-Dichloroethene
 Concen: 24.109 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. 0.006 min
 Lab File: VW023511.D
 Acq: 22 Jun 2022 15:45

Tgt Ion: 96 Resp: 96269
 Ion Ratio Lower Upper
 96 100
 61 175.1 125.7 233.5
 63 103.4 83.4 155.0





#13

Acetone

Concen: 42.403 ug/L

RT: 4.123 min Scan# 3

Delta R.T. -0.000 min

Lab File: VW023511.D

Acq: 22 Jun 2022 15:45

Instrument :

MSVOA_W

ClientSampleId :

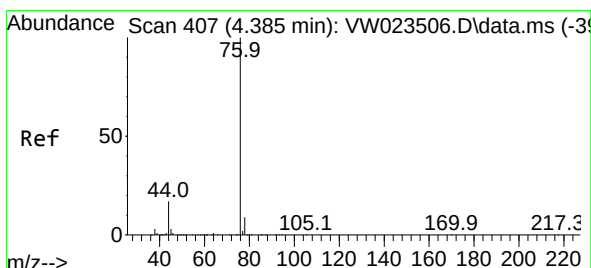
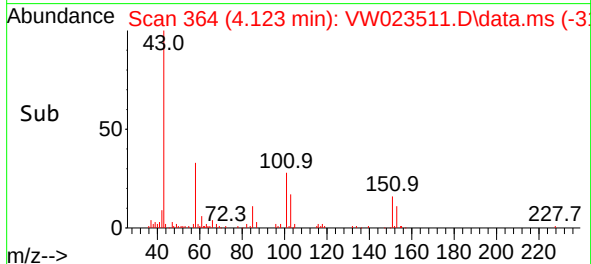
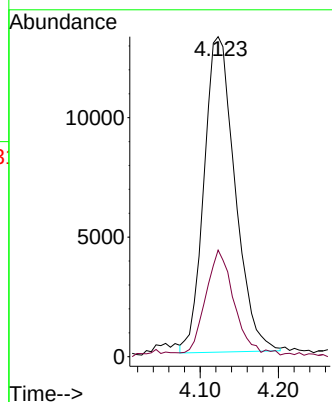
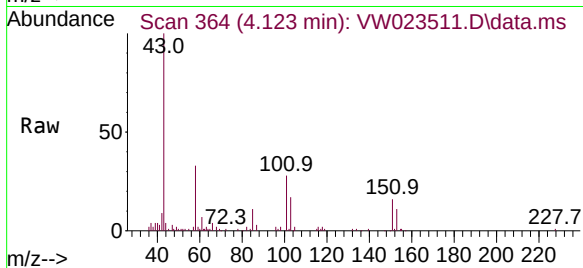
VSTD025579

Tgt Ion: 43 Resp: 36340

Ion Ratio Lower Upper

43 100

58 30.7 0.0 64.0



#14

Carbon disulfide

Concen: 21.431 ug/L

RT: 4.385 min Scan# 407

Delta R.T. -0.000 min

Lab File: VW023511.D

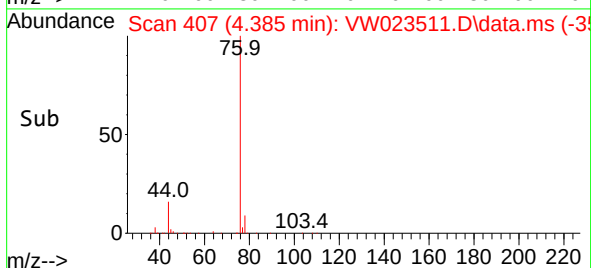
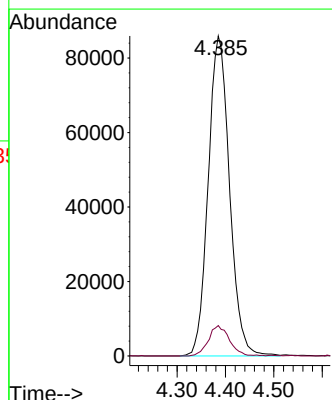
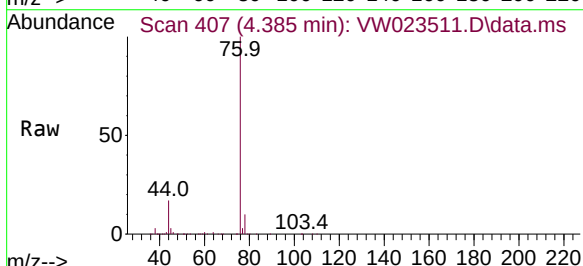
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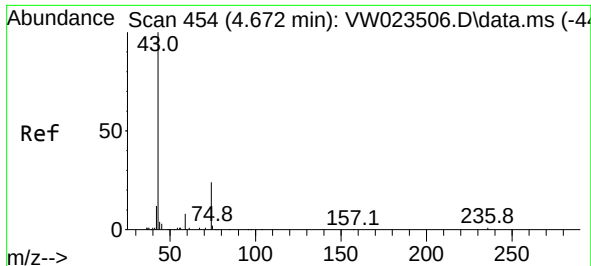
Tgt Ion: 76 Resp: 263245

Ion Ratio Lower Upper

76 100

78 9.5 7.7 11.5

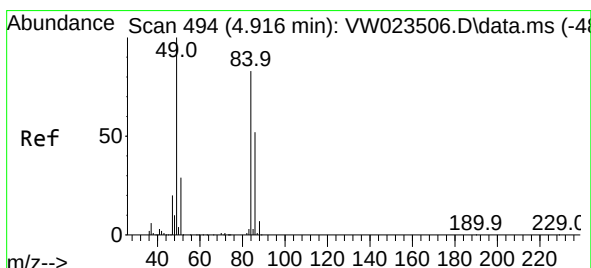
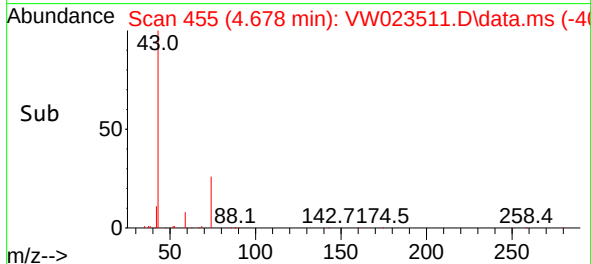
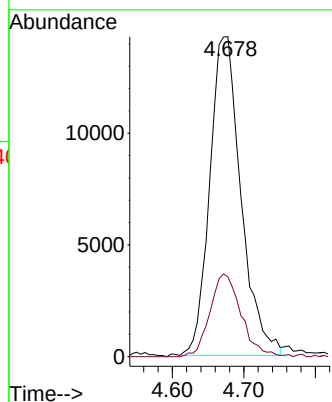
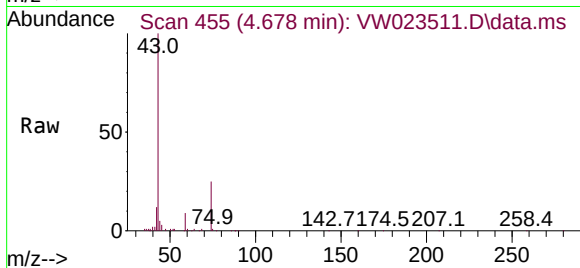




#15
Methyl Acetate
Concen: 22.611 ug/L
RT: 4.678 min Scan# 41
Delta R.T. 0.006 min
Lab File: VW023511.D
Acq: 22 Jun 2022 15:45

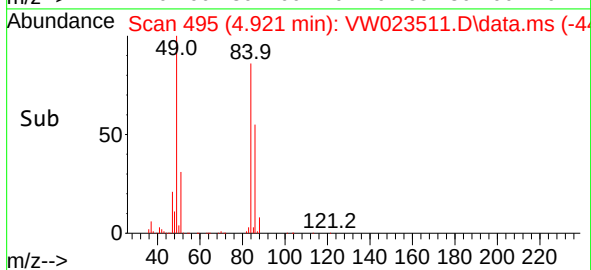
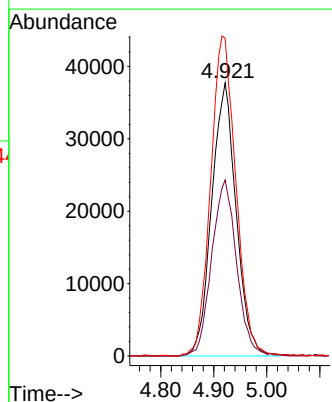
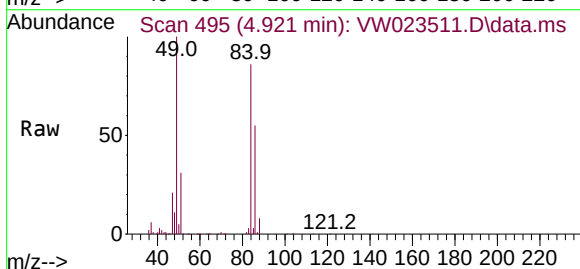
Instrument :
MSVOA_W
ClientSampleId :
VSTD025579

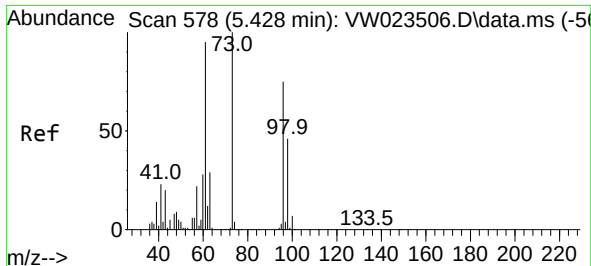
Tgt Ion: 43 Resp: 43264
Ion Ratio Lower Upper
43 100
74 25.4 21.9 32.9



#16
Methylene chloride
Concen: 24.380 ug/L
RT: 4.921 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW023511.D
Acq: 22 Jun 2022 15:45

Tgt Ion: 84 Resp: 121003
Ion Ratio Lower Upper
84 100
86 64.5 45.4 84.4
49 116.3 82.5 153.1

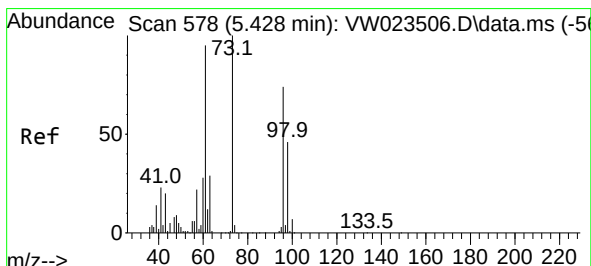
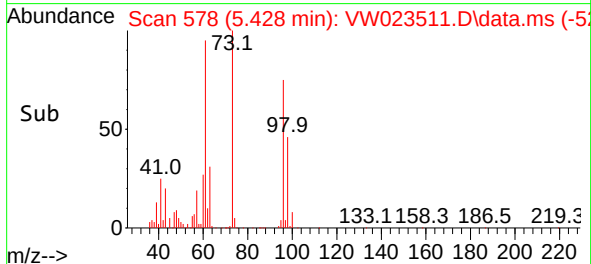
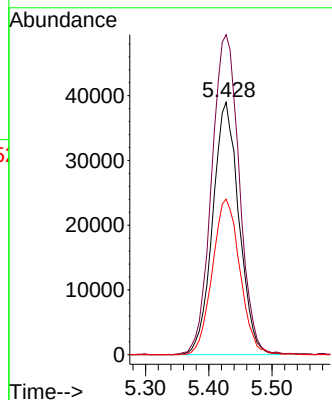
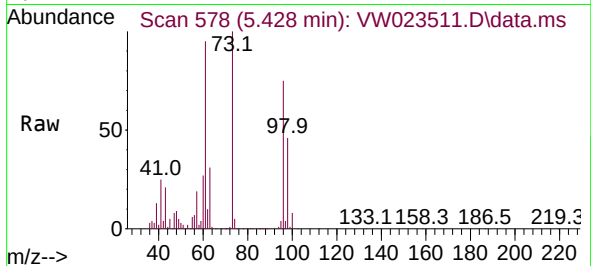




#17
trans-1,2-Dichloroethene
Concen: 23.801 ug/L
RT: 5.428 min Scan# 578
Delta R.T. -0.000 min
Lab File: VW023511.D
Acq: 22 Jun 2022 15:45

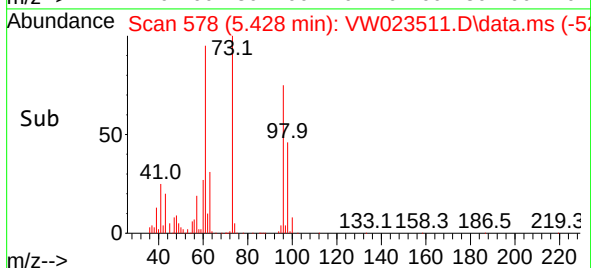
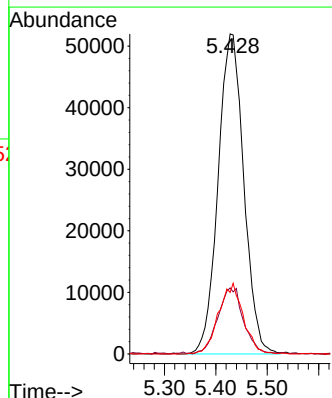
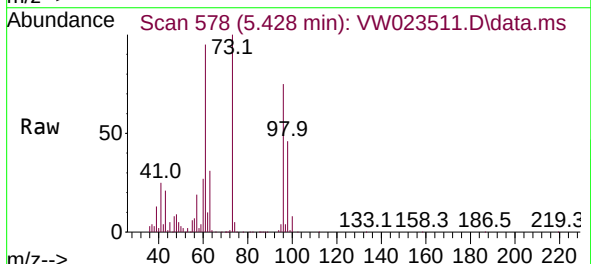
Instrument :
MSVOA_W
ClientSampleId :
VSTD025579

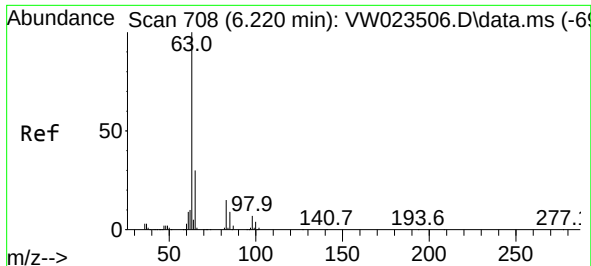
Tgt Ion: 96 Resp: 112523
Ion Ratio Lower Upper
96 100
61 126.8 92.2 171.2
98 61.7 42.9 79.7



#18
Methyl tert-butyl Ether
Concen: 25.373 ug/L
RT: 5.428 min Scan# 578
Delta R.T. -0.000 min
Lab File: VW023511.D
Acq: 22 Jun 2022 15:45

Tgt Ion: 73 Resp: 180550
Ion Ratio Lower Upper
73 100
43 13.0 15.9 23.9#
57 21.2 16.5 24.7





#19

1,1-Dichloroethane

Concen: 24.382 ug/L

RT: 6.214 min Scan# 708

Delta R.T. -0.006 min

Lab File: VW023511.D

Acq: 22 Jun 2022 15:45

Instrument :

MSVOA_W

ClientSampleId :

VSTD025579

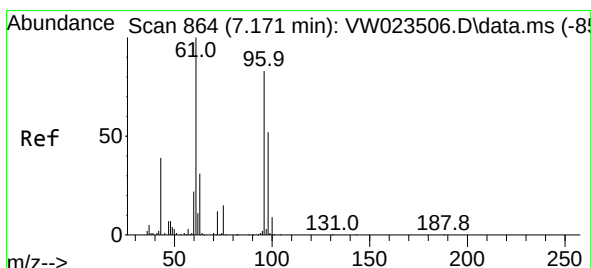
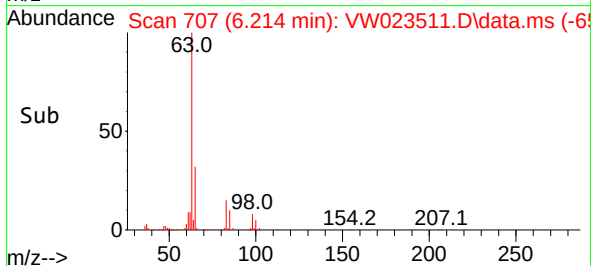
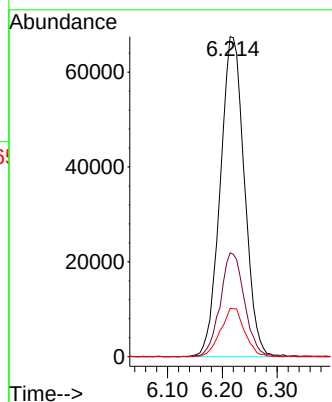
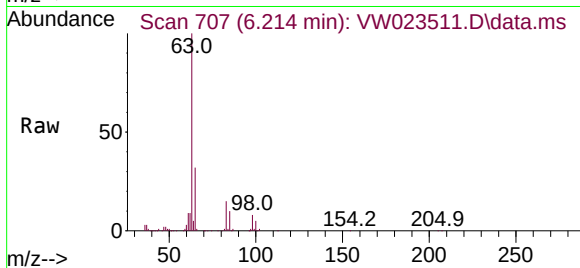
Tgt Ion: 63 Resp: 206476

Ion Ratio Lower Upper

63 100

65 32.5 23.3 43.3

83 15.0 11.1 20.5



#20

cis-1,2-Dichloroethene

Concen: 25.317 ug/L

RT: 7.171 min Scan# 864

Delta R.T. -0.000 min

Lab File: VW023511.D

Acq: 22 Jun 2022 15:45

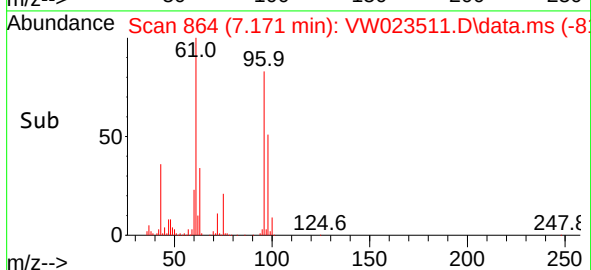
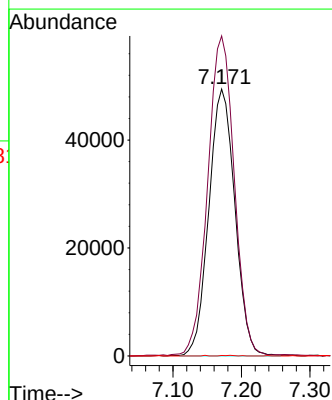
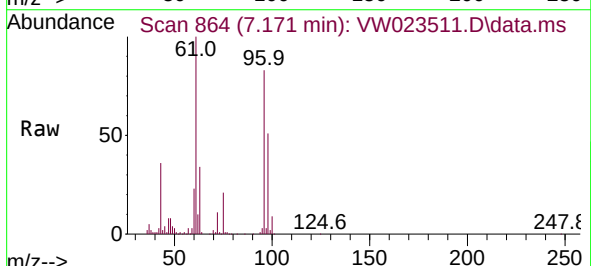
Tgt Ion: 96 Resp: 130897

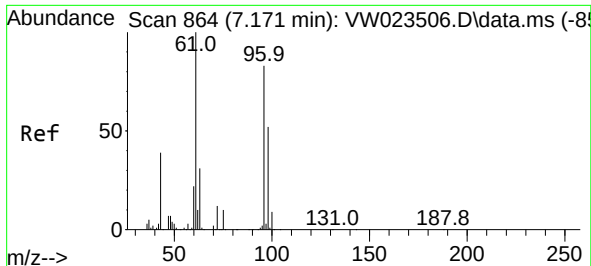
Ion Ratio Lower Upper

96 100

61 119.9 84.2 156.4

68 0.2 0.1 0.1#

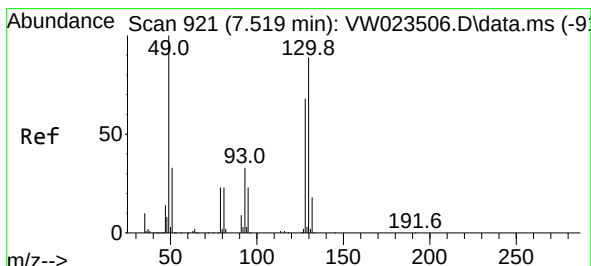
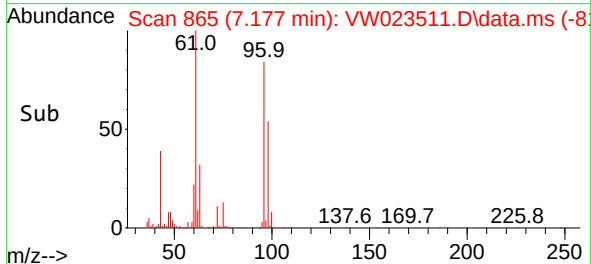
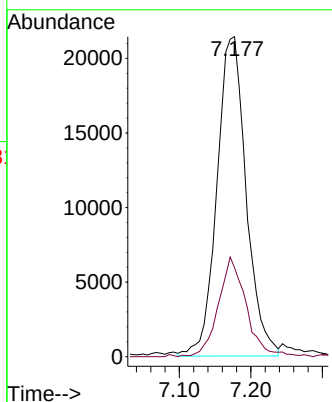
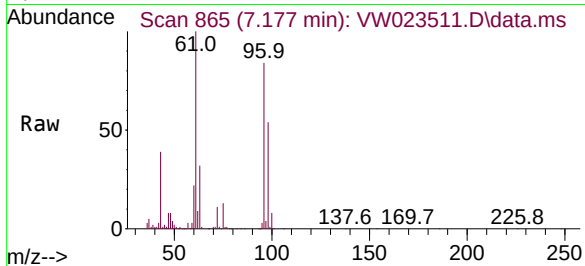




#22
2-Butanone
Concen: 46.429 ug/L
RT: 7.177 min Scan# 865
Delta R.T. 0.006 min
Lab File: VW023511.D
Acq: 22 Jun 2022 15:45

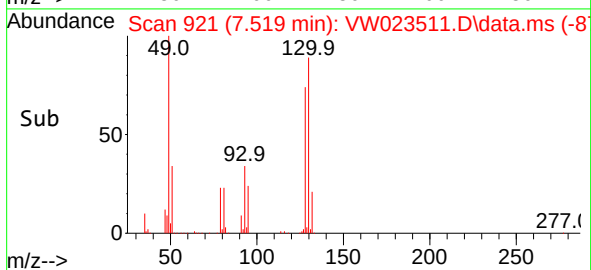
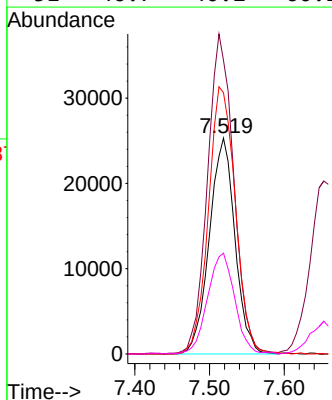
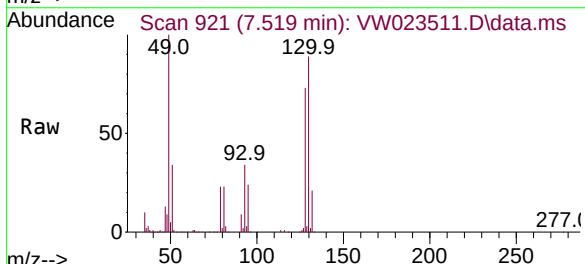
Instrument :
MSVOA_W
ClientSampleId :
VSTD025579

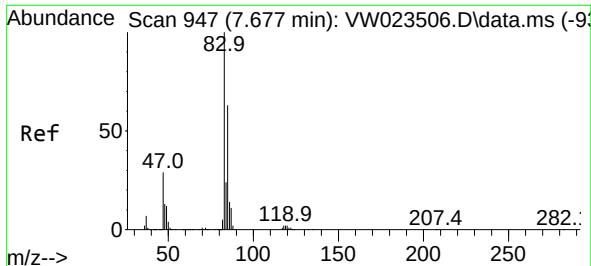
Tgt Ion: 43 Resp: 60905
Ion Ratio Lower Upper
43 100
72 28.2 15.1 45.3



#23
Bromochloromethane
Concen: 25.328 ug/L
RT: 7.519 min Scan# 921
Delta R.T. -0.000 min
Lab File: VW023511.D
Acq: 22 Jun 2022 15:45

Tgt Ion: 128 Resp: 60328
Ion Ratio Lower Upper
128 100
49 136.1 110.0 204.4
130 121.1 94.8 176.0
51 46.7 40.2 60.2

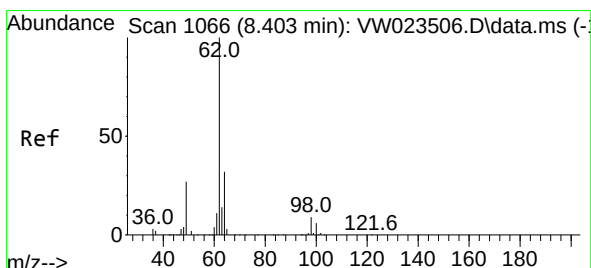
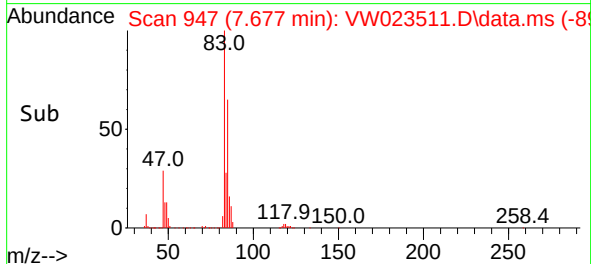
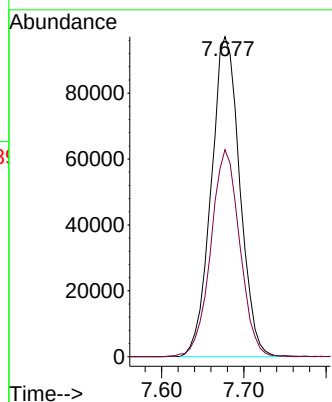
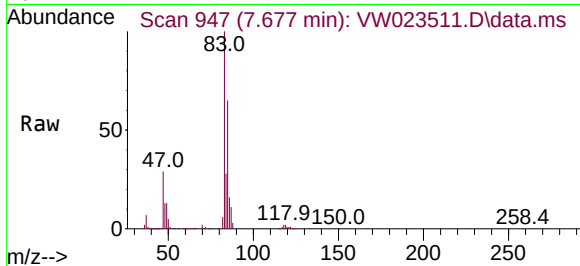




#25
Chloroform
Concen: 24.550 ug/L
RT: 7.677 min Scan# 947
Delta R.T. -0.000 min
Lab File: VW023511.D
Acq: 22 Jun 2022 15:45

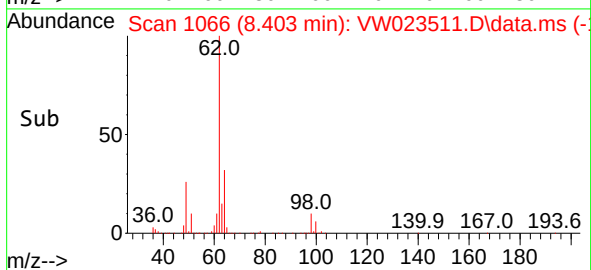
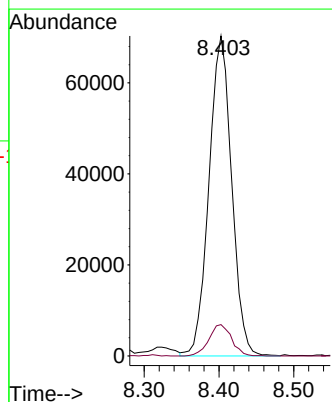
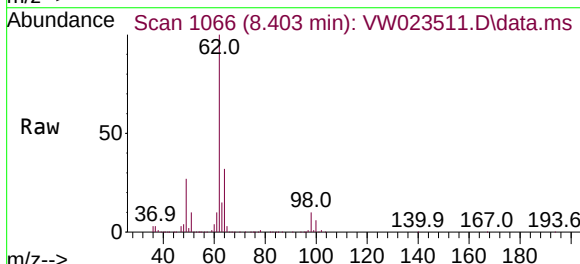
Instrument :
MSVOA_W
ClientSampleId :
VSTD025579

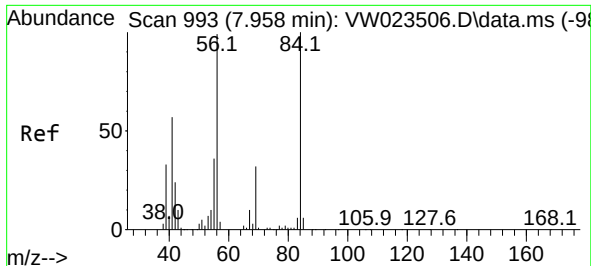
Tgt Ion: 83 Resp: 234612
Ion Ratio Lower Upper
83 100
85 64.7 46.6 86.6



#27
1,2-Dichloroethane
Concen: 23.510 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VW023511.D
Acq: 22 Jun 2022 15:45

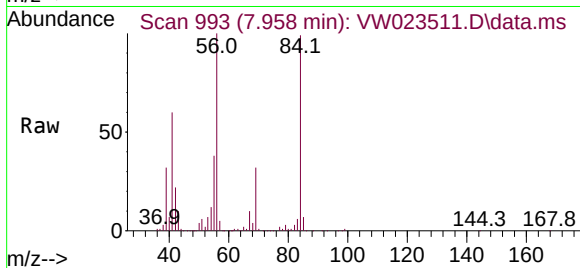
Tgt Ion: 62 Resp: 148590
Ion Ratio Lower Upper
62 100
98 9.8 7.2 10.8



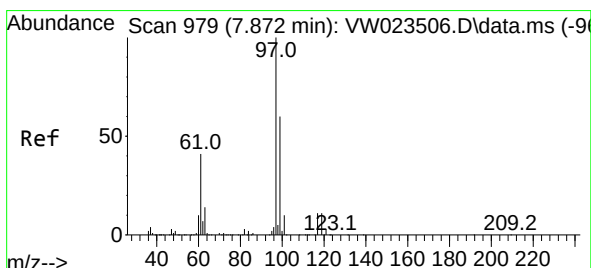
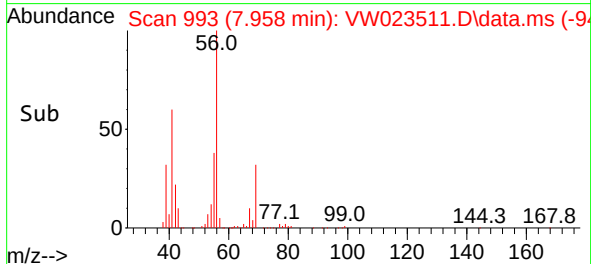
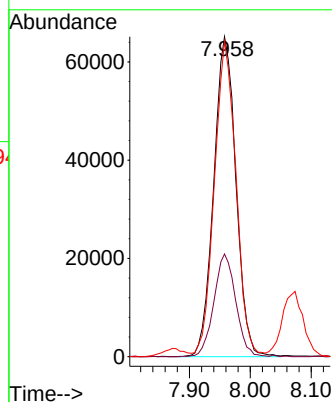


#29
Cyclohexane
Concen: 23.135 ug/L
RT: 7.958 min Scan# 993
Delta R.T. -0.000 min
Lab File: VW023511.D
Acq: 22 Jun 2022 15:45

Instrument :
MSVOA_W
ClientSampleId :
VSTD025579

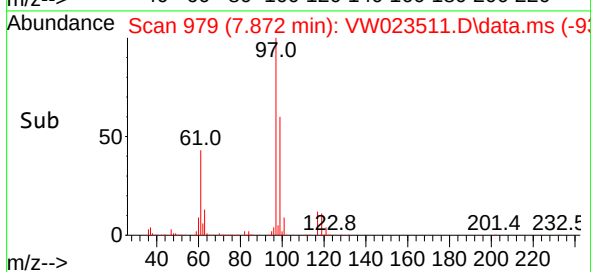
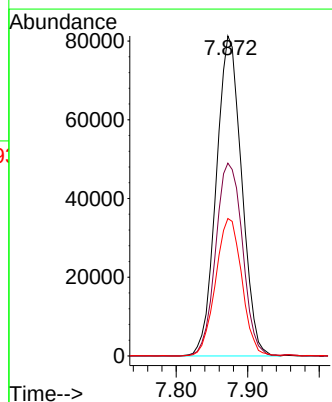
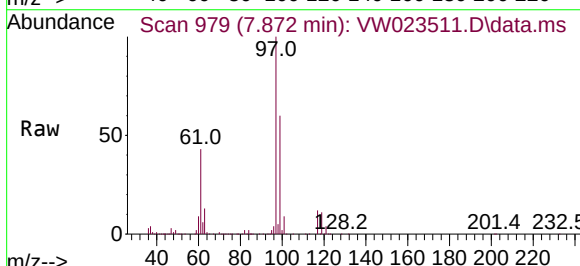


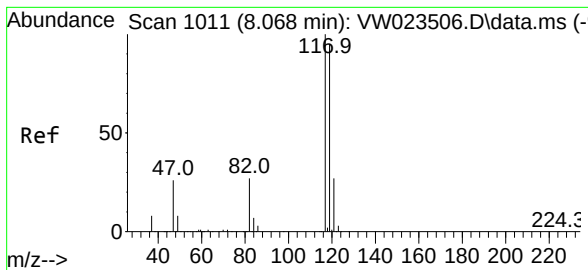
Tgt Ion: 56 Resp: 165072
Ion Ratio Lower Upper
56 100
69 31.5 25.6 38.4
84 96.1 78.2 117.4



#30
1,1,1-Trichloroethane
Concen: 24.504 ug/L
RT: 7.872 min Scan# 979
Delta R.T. -0.000 min
Lab File: VW023511.D
Acq: 22 Jun 2022 15:45

Tgt Ion: 97 Resp: 200936
Ion Ratio Lower Upper
97 100
99 63.5 51.0 76.4
61 44.3 34.8 52.2

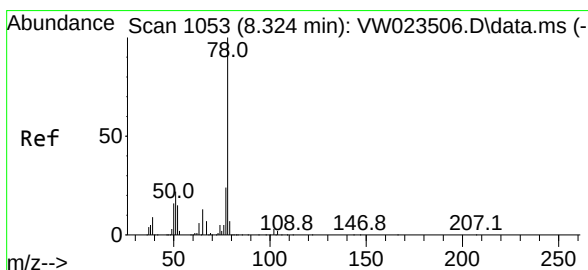
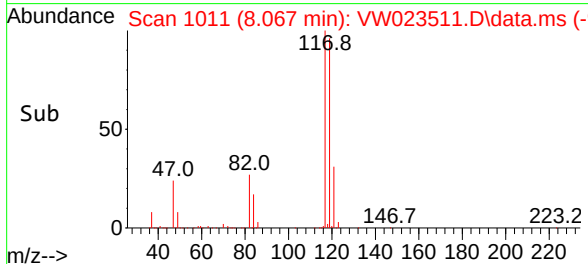
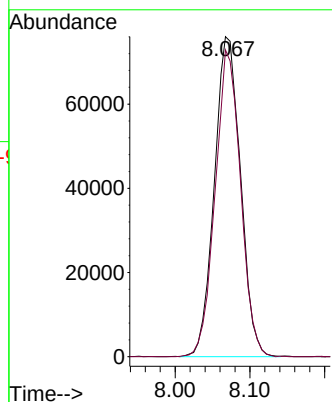
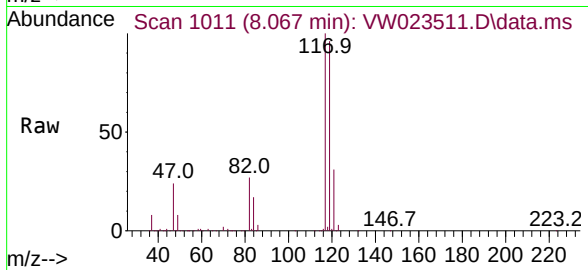




#31
Carbon tetrachloride
Concen: 24.466 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.000 min
Lab File: VW023511.D
Acq: 22 Jun 2022 15:45

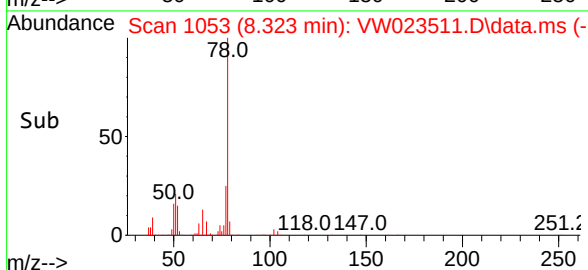
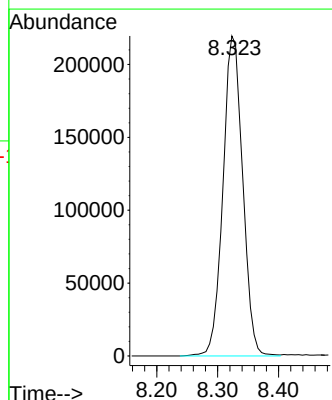
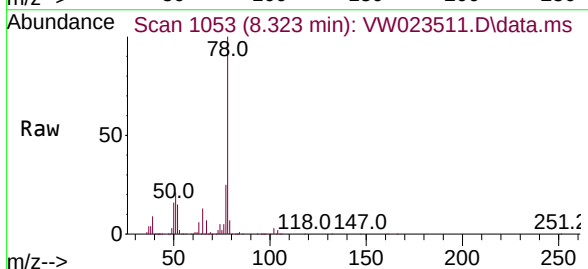
Instrument :
MSVOA_W
ClientSampleId :
VSTD025579

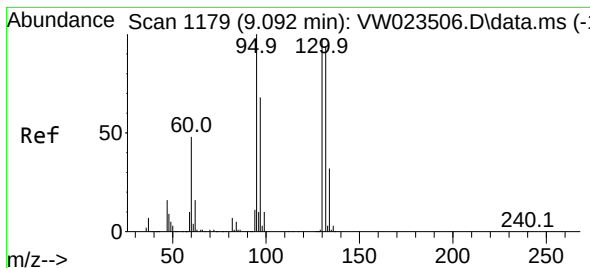
Tgt Ion:117 Resp: 184827
Ion Ratio Lower Upper
117 100
119 93.2 76.6 115.0



#33
Benzene
Concen: 24.172 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW023511.D
Acq: 22 Jun 2022 15:45

Tgt Ion: 78 Resp: 494662





#34

Trichloroethene

Concen: 23.683 ug/L

RT: 9.091 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VW023511.D

Acq: 22 Jun 2022 15:45

Instrument :

MSVOA_W

ClientSampleId :

VSTD025579

Tgt Ion: 95 Resp: 129904

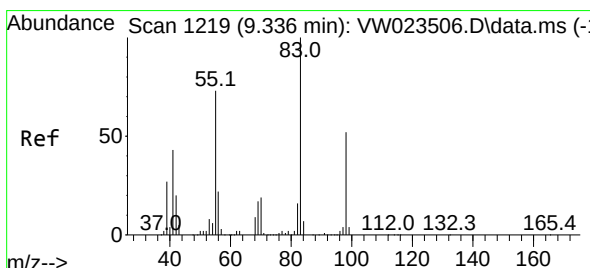
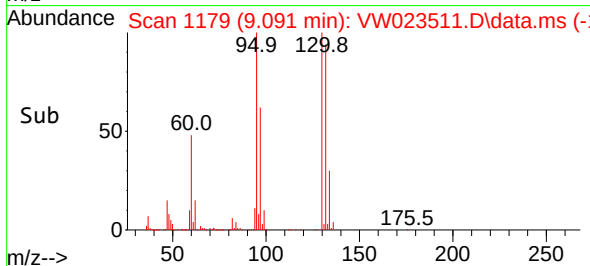
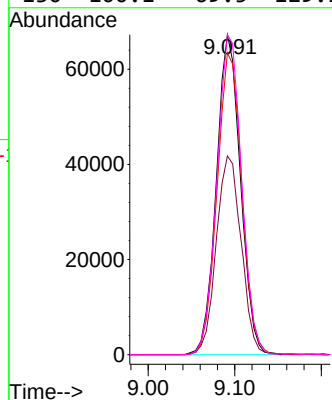
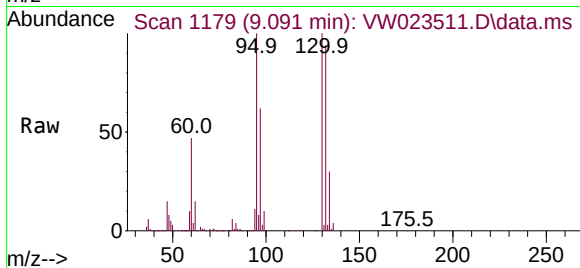
Ion Ratio Lower Upper

95 100

97 62.1 46.1 85.7

132 94.4 66.9 124.3

130 100.1 69.5 129.1



#35

Methylcyclohexane

Concen: 23.138 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VW023511.D

Acq: 22 Jun 2022 15:45

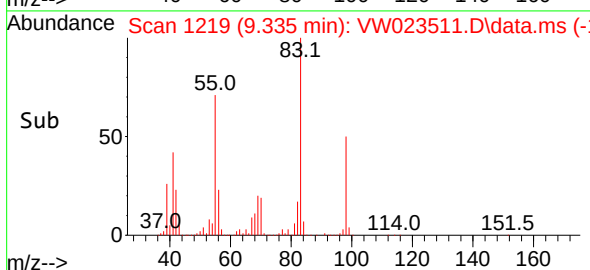
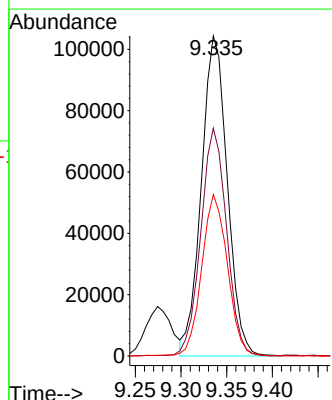
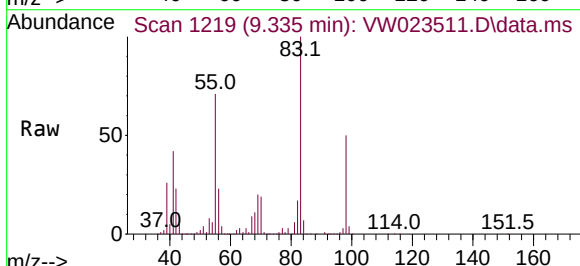
Tgt Ion: 83 Resp: 205471

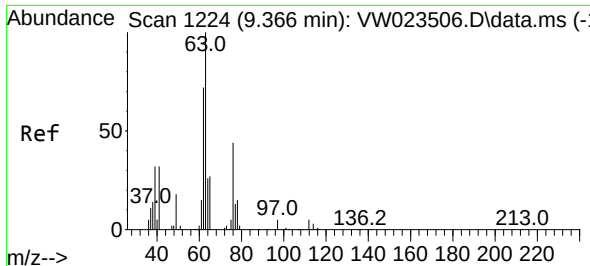
Ion Ratio Lower Upper

83 100

55 70.8 55.1 82.7

98 50.1 40.4 60.6





#37

1,2-Dichloropropane

Concen: 23.904 ug/L

RT: 9.366 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW023511.D

Acq: 22 Jun 2022 15:45

Instrument :

MSVOA_W

ClientSampleId :

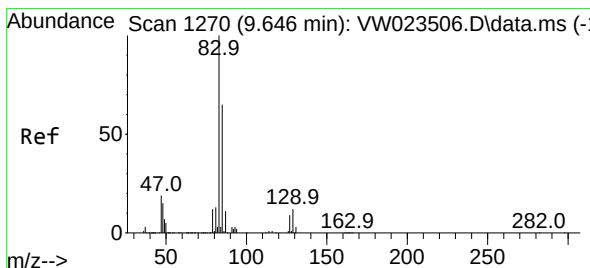
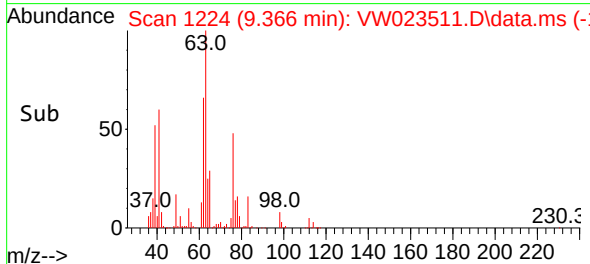
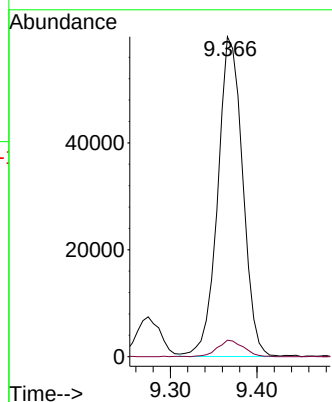
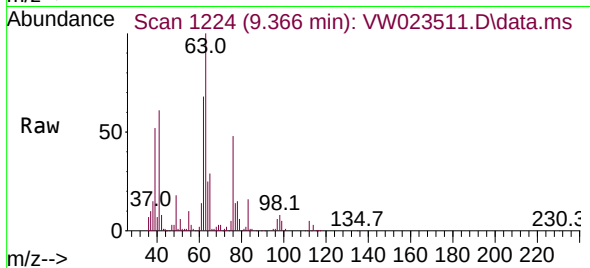
VSTD025579

Tgt Ion: 63 Resp: 119546

Ion Ratio Lower Upper

63 100

112 5.4 3.8 5.8



#38

Bromodichloromethane

Concen: 24.208 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. -0.000 min

Lab File: VW023511.D

Acq: 22 Jun 2022 15:45

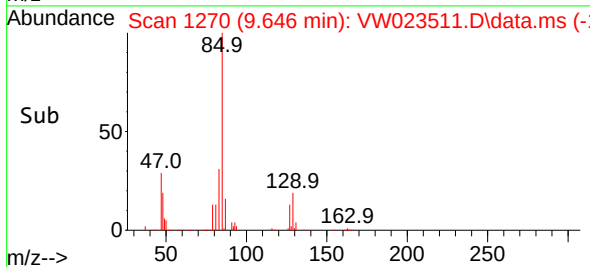
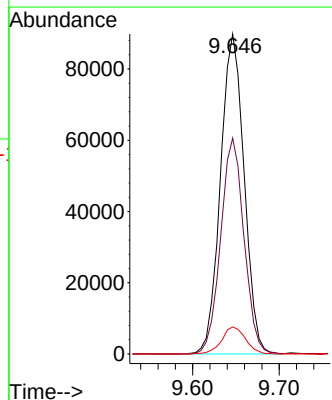
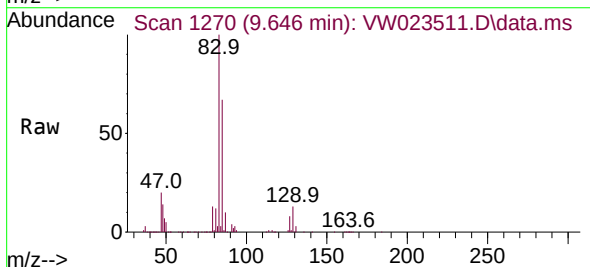
Tgt Ion: 83 Resp: 170272

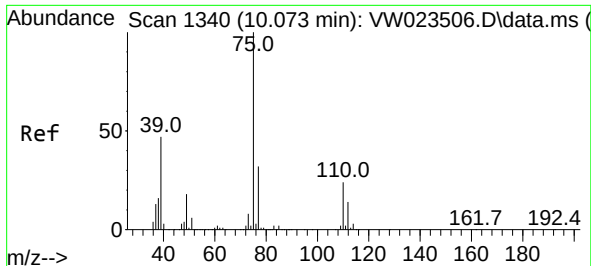
Ion Ratio Lower Upper

83 100

85 67.4 43.5 80.7

127 8.5 7.1 10.7





#39

cis-1,3-Dichloropropene

Concen: 24.204 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. -0.000 min

Lab File: VW023511.D

Acq: 22 Jun 2022 15:45

Instrument :

MSVOA_W

ClientSampleId :

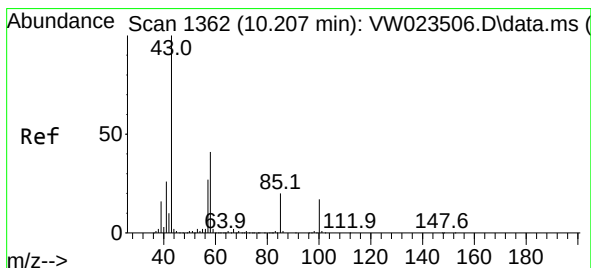
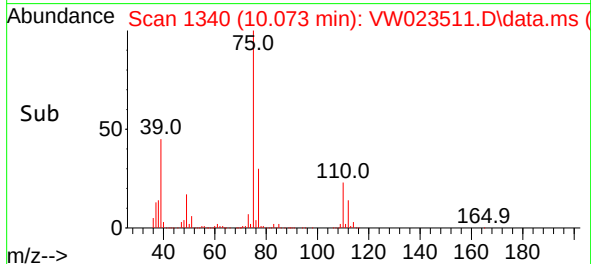
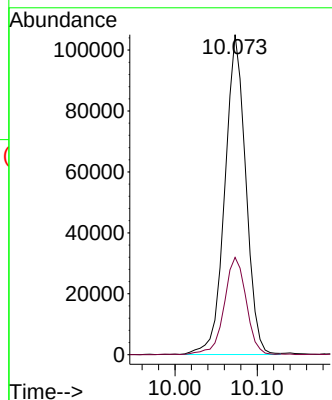
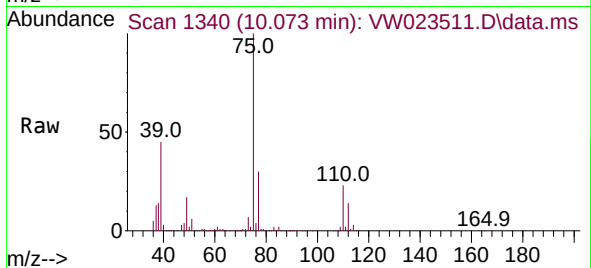
VSTD025579

Tgt Ion: 75 Resp: 185488

Ion Ratio Lower Upper

75 100

77 30.4 22.1 41.1



#40

4-Methyl-2-pentanone

Concen: 47.445 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW023511.D

Acq: 22 Jun 2022 15:45

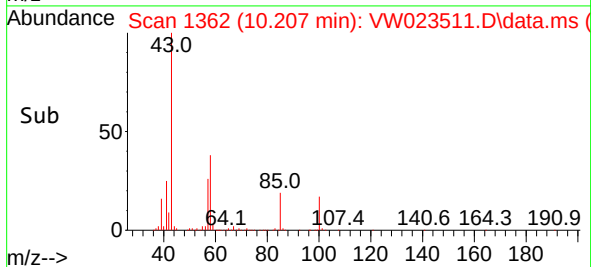
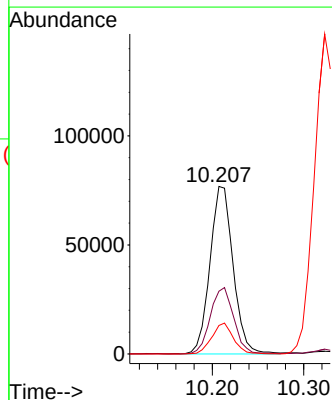
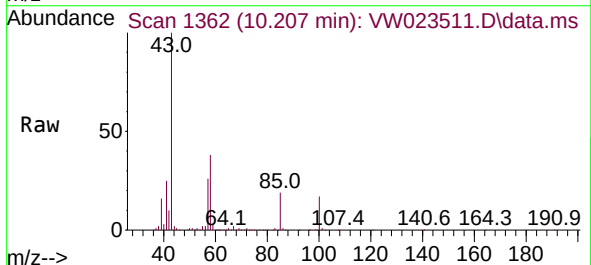
Tgt Ion: 43 Resp: 135332

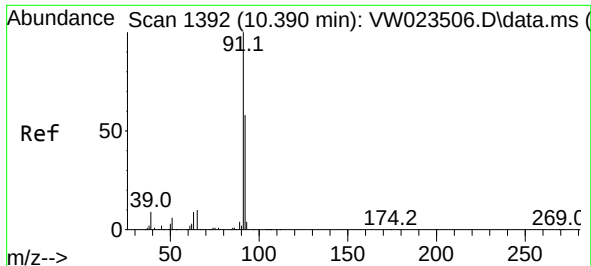
Ion Ratio Lower Upper

43 100

58 40.1 31.4 47.2

100 17.2 14.2 21.4

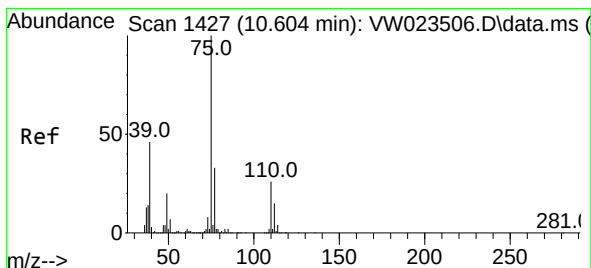
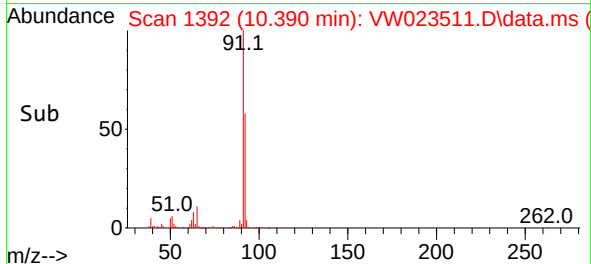
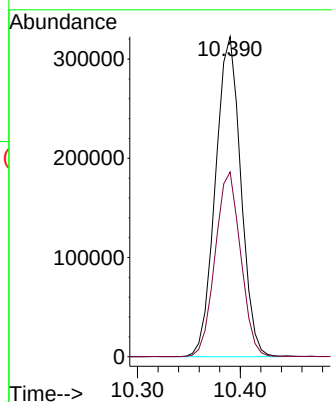
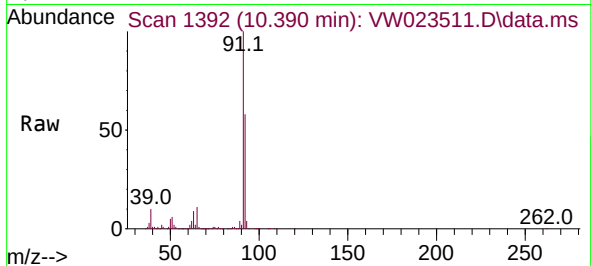




#42
Toluene
Concen: 24.188 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VW023511.D
Acq: 22 Jun 2022 15:45

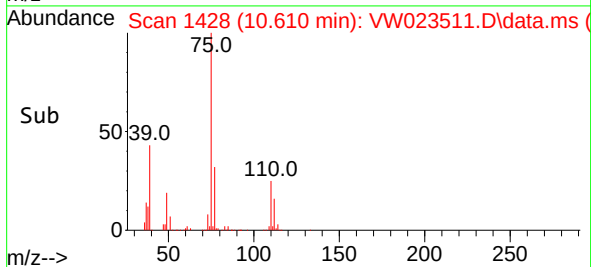
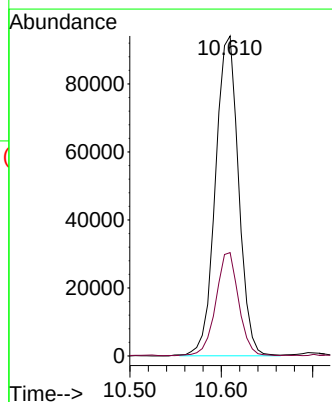
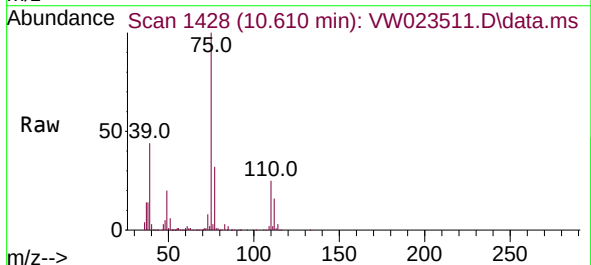
Instrument :
MSVOA_W
ClientSampleId :
VSTD025579

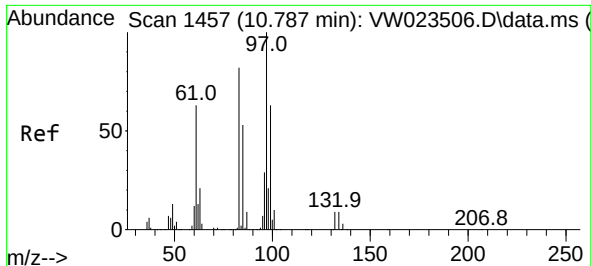
Tgt Ion: 91 Resp: 553029
Ion Ratio Lower Upper
91 100
92 57.7 41.6 77.2



#44
trans-1,3-Dichloropropene
Concen: 23.931 ug/L
RT: 10.610 min Scan# 1428
Delta R.T. 0.006 min
Lab File: VW023511.D
Acq: 22 Jun 2022 15:45

Tgt Ion: 75 Resp: 165486
Ion Ratio Lower Upper
75 100
77 32.3 22.0 40.8

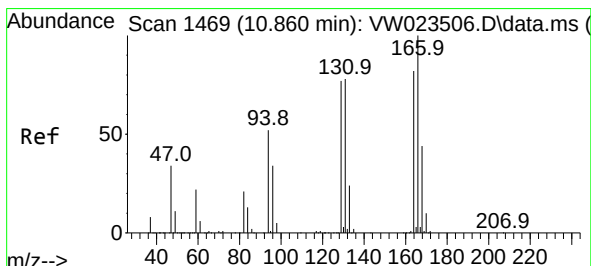
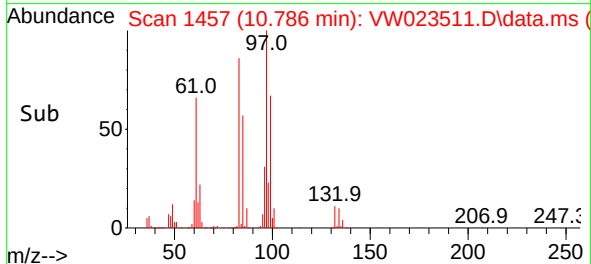
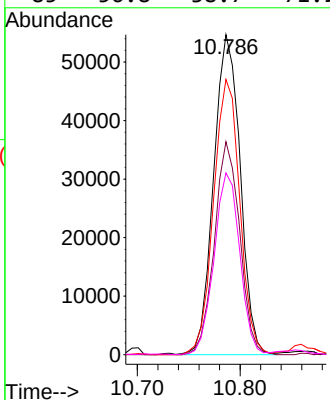
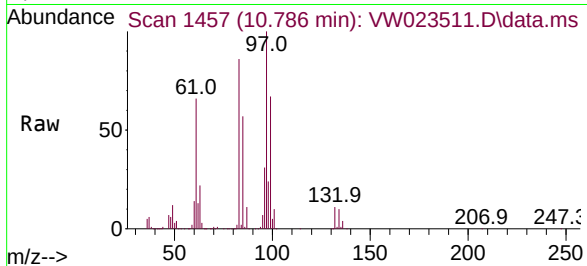




#45
1,1,2-Trichloroethane
Concen: 23.838 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW023511.D
Acq: 22 Jun 2022 15:45

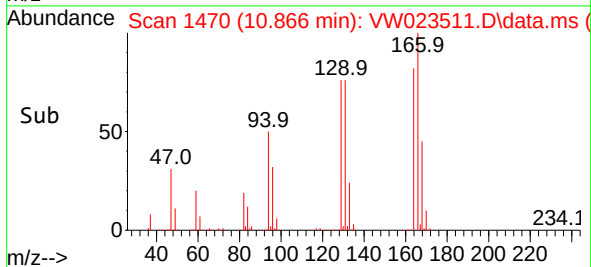
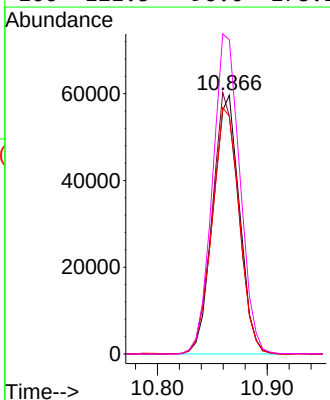
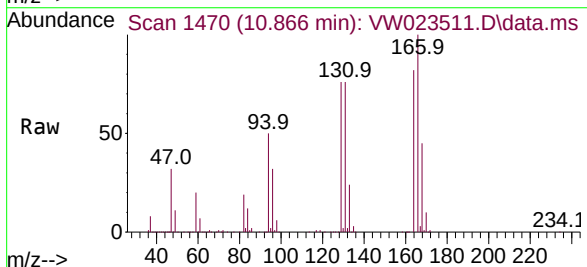
Instrument :
MSVOA_W
ClientSampleId :
VSTD025579

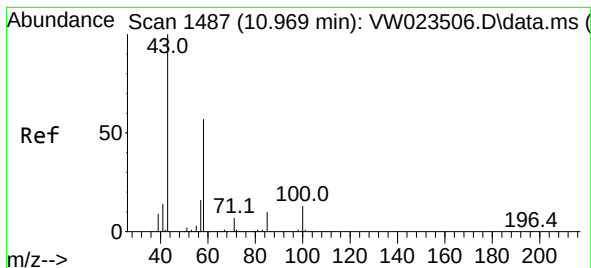
Tgt Ion: 97	Resp: 97925
Ion Ratio	Lower Upper
97 100	
99 66.5	44.7 82.9
83 86.0	58.4 108.4
85 56.8	38.7 71.9



#46
Tetrachloroethene
Concen: 23.636 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VW023511.D
Acq: 22 Jun 2022 15:45

Tgt	Ion:164	Resp:	100083
Ion	Ratio	Lower	Upper
164	100		
129	92.0	76.9	142.7
131	91.8	75.1	139.5
166	121.5	96.0	178.2





#48

2-Hexanone

Concen: 48.137 ug/L

RT: 10.969 min Scan# 1487

Delta R.T. -0.000 min

Lab File: VW023511.D

Acq: 22 Jun 2022 15:45

Instrument :

MSVOA_W

ClientSampleId :

VSTD025579

Tgt Ion: 43 Resp: 92793

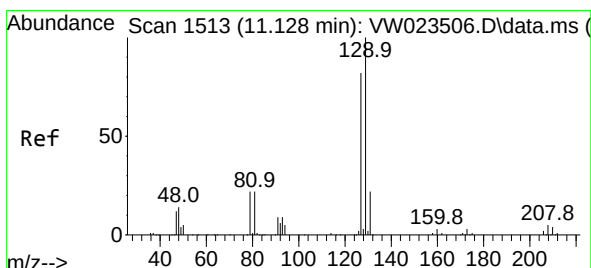
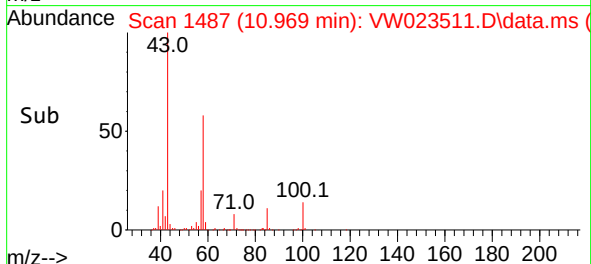
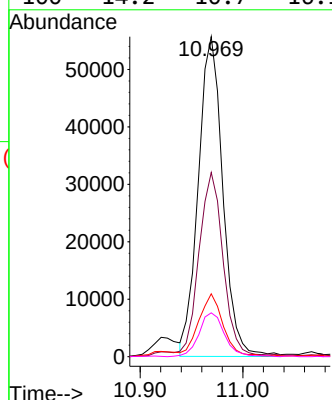
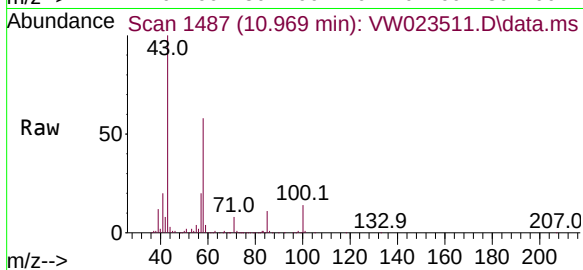
Ion Ratio Lower Upper

43 100

58 56.7 45.9 68.9

57 19.6 16.2 24.2

100 14.2 10.7 16.1



#49

Dibromochloromethane

Concen: 25.314 ug/L

RT: 11.128 min Scan# 1513

Delta R.T. -0.000 min

Lab File: VW023511.D

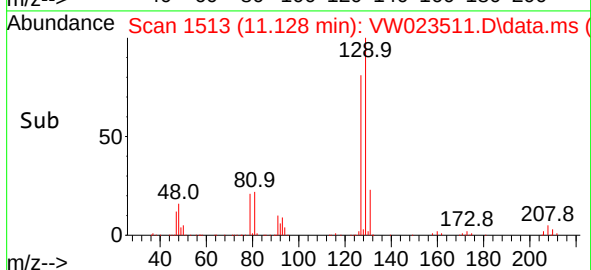
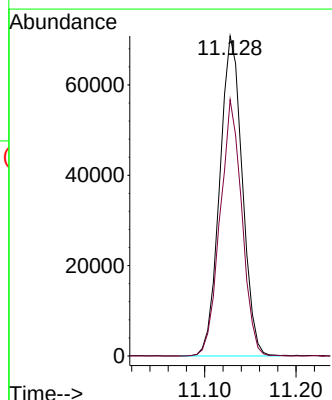
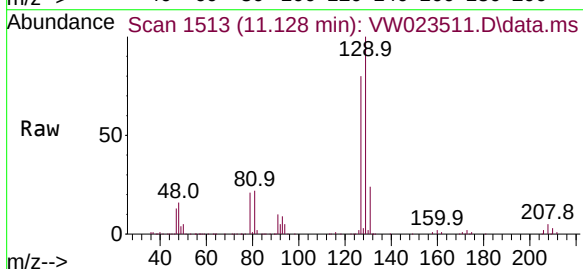
Acq: 22 Jun 2022 15:45

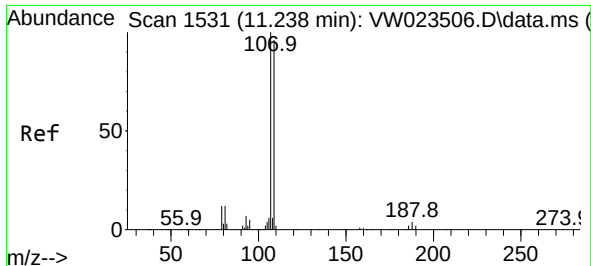
Tgt Ion: 129 Resp: 121786

Ion Ratio Lower Upper

129 100

127 80.1 53.8 100.0





#50

1,2-Dibromoethane

Concen: 24.366 ug/L

RT: 11.237 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW023511.D

Acq: 22 Jun 2022 15:45

Instrument :

MSVOA_W

ClientSampleId :

VSTD025579

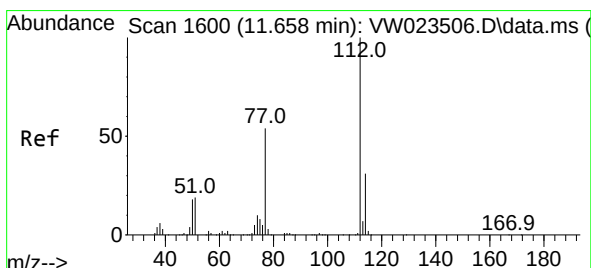
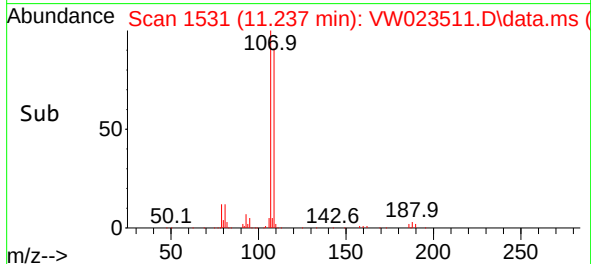
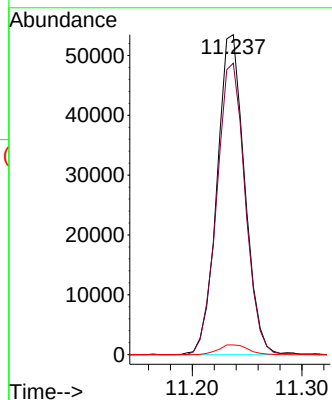
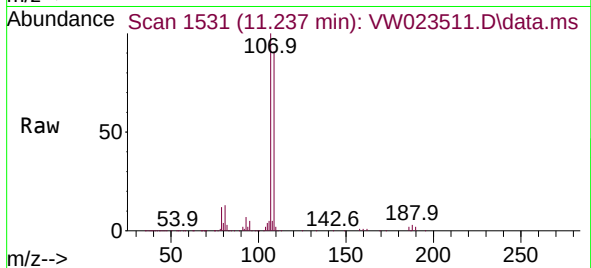
Tgt Ion:107 Resp: 93569

Ion Ratio Lower Upper

107 100

109 91.1 67.5 125.4

188 3.1 2.9 4.3



#51

Chlorobenzene

Concen: 24.123 ug/L

RT: 11.658 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VW023511.D

Acq: 22 Jun 2022 15:45

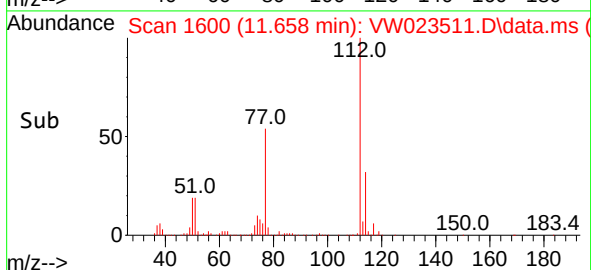
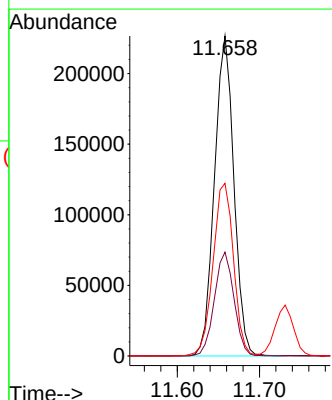
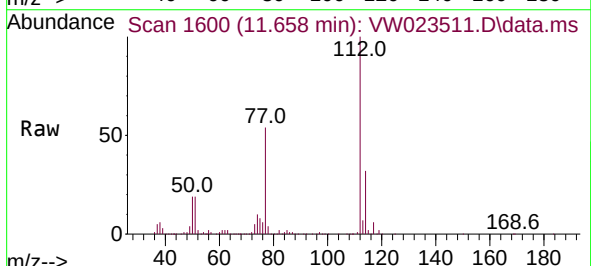
Tgt Ion:112 Resp: 372223

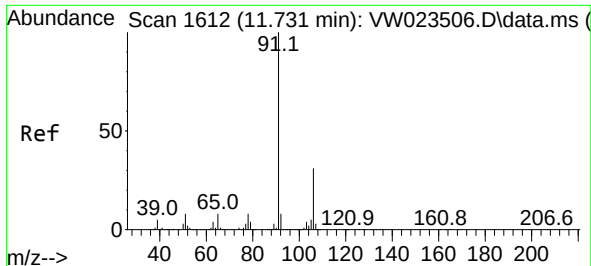
Ion Ratio Lower Upper

112 100

114 32.5 22.0 41.0

77 54.0 42.6 63.8

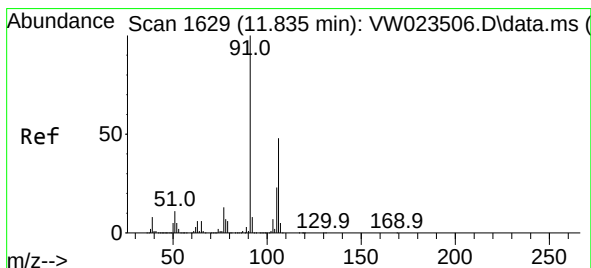
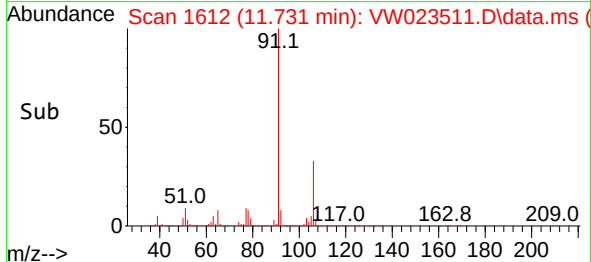
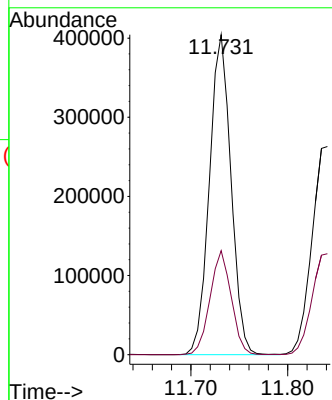
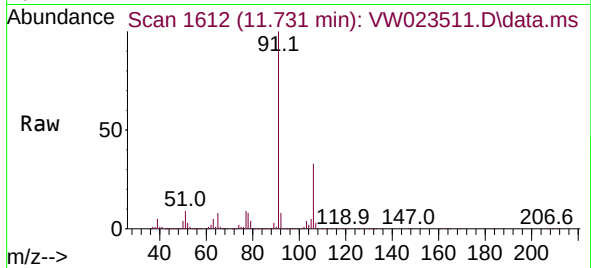




#52
Ethylbenzene
Concen: 24.135 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW023511.D
Acq: 22 Jun 2022 15:45

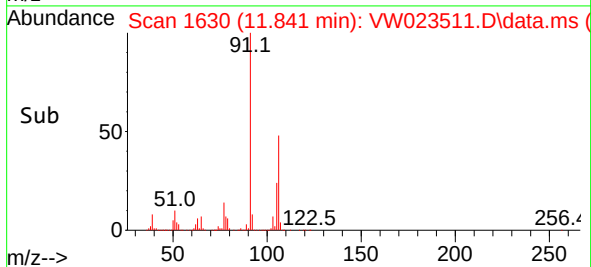
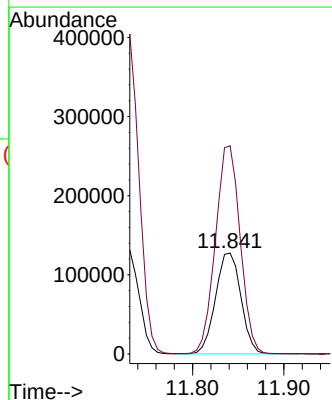
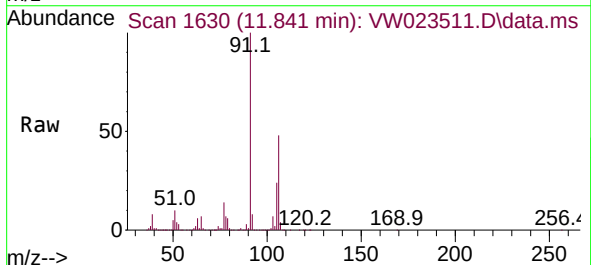
Instrument :
MSVOA_W
ClientSampleId :
VSTD025579

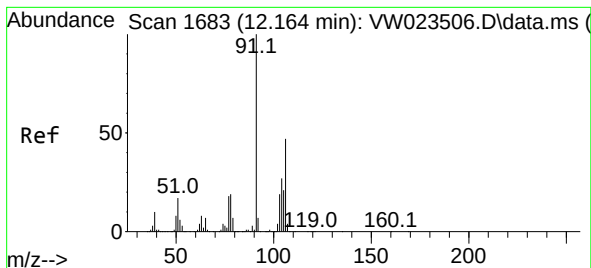
Tgt Ion: 91 Resp: 627176
Ion Ratio Lower Upper
91 100
106 32.5 22.3 41.3



#53
m,p-Xylene
Concen: 24.256 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.006 min
Lab File: VW023511.D
Acq: 22 Jun 2022 15:45

Tgt Ion: 106 Resp: 245313
Ion Ratio Lower Upper
106 100
91 206.4 136.8 254.0





#54

o-Xylene

Concen: 24.949 ug/L

RT: 12.164 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW023511.D

Acq: 22 Jun 2022 15:45

Instrument :

MSVOA_W

ClientSampleId :

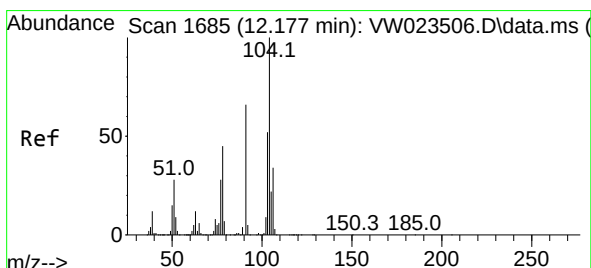
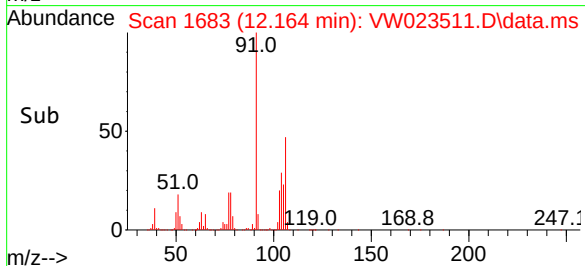
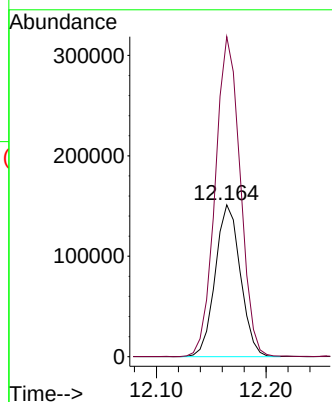
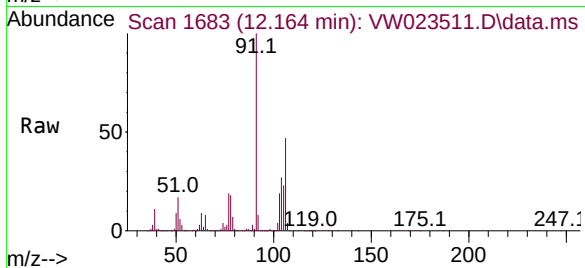
VSTD025579

Tgt Ion:106 Resp: 241131

Ion Ratio Lower Upper

106 100

91 210.7 147.2 273.4



#55

Styrene

Concen: 24.925 ug/L

RT: 12.176 min Scan# 1685

Delta R.T. -0.000 min

Lab File: VW023511.D

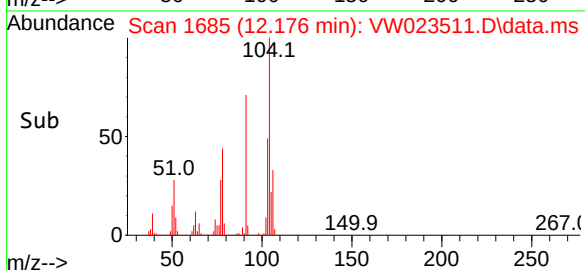
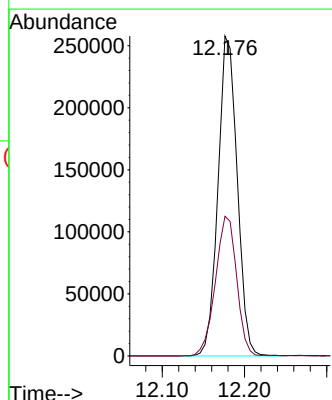
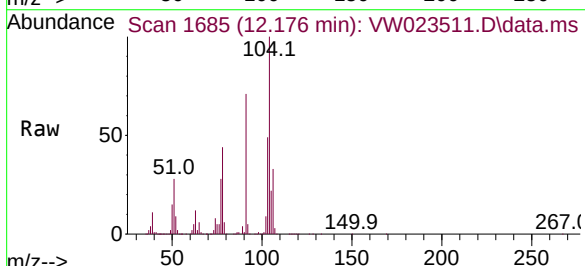
Acq: 22 Jun 2022 15:45

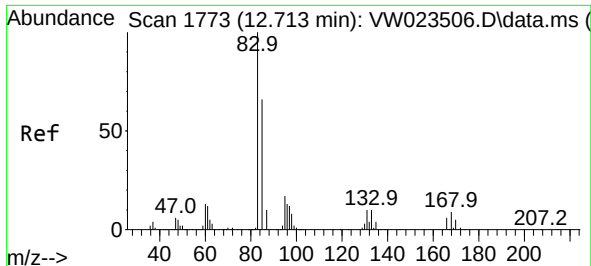
Tgt Ion:104 Resp: 418854

Ion Ratio Lower Upper

104 100

78 43.6 32.3 59.9





#57

1,1,2,2-Tetrachloroethane

Concen: 24.393 ug/L

RT: 12.713 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW023511.D

Acq: 22 Jun 2022 15:45

Instrument :

MSVOA_W

ClientSampleId :

VSTD025579

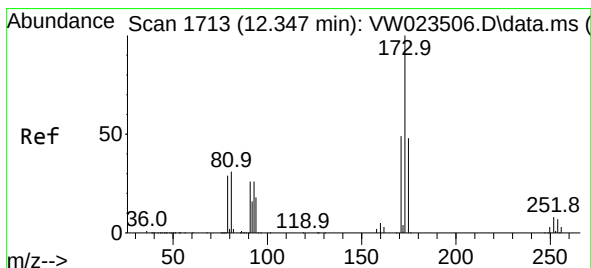
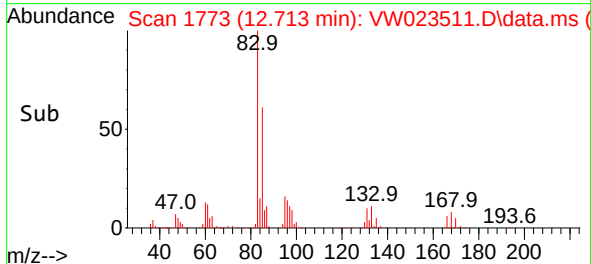
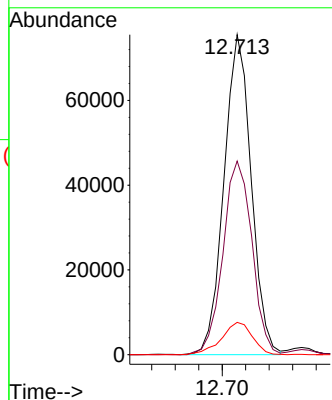
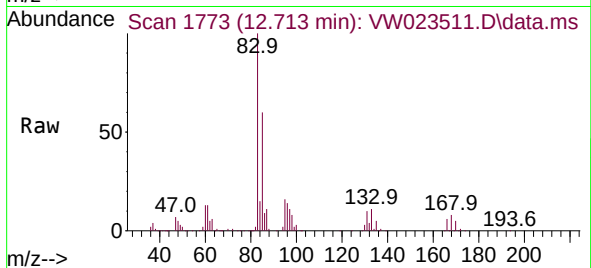
Tgt Ion: 83 Resp: 121690

Ion Ratio Lower Upper

83 100

85 60.5 47.5 88.1

131 10.1 8.7 13.1



#59

Bromoform

Concen: 22.845 ug/L

RT: 12.353 min Scan# 1714

Delta R.T. 0.006 min

Lab File: VW023511.D

Acq: 22 Jun 2022 15:45

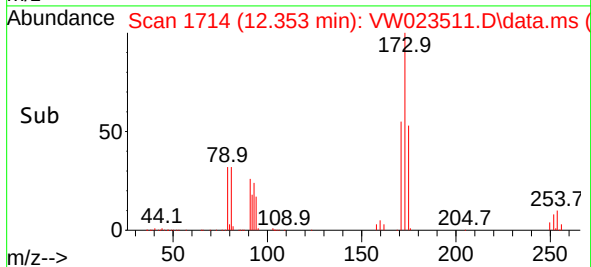
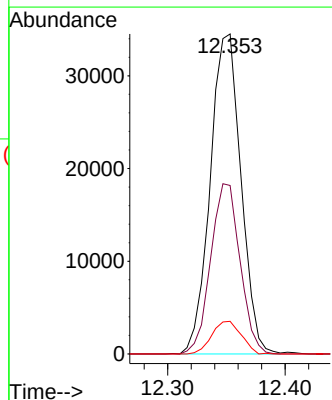
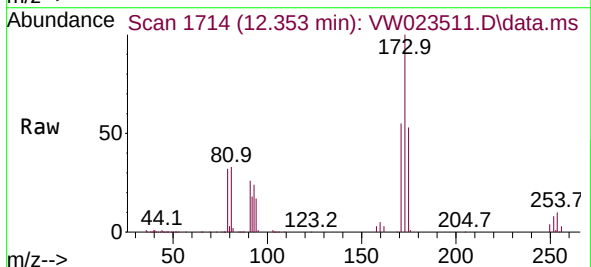
Tgt Ion: 173 Resp: 62766

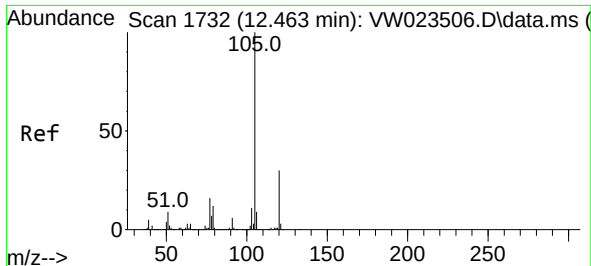
Ion Ratio Lower Upper

173 100

175 50.8 38.1 57.1

254 9.7 6.5 9.7#

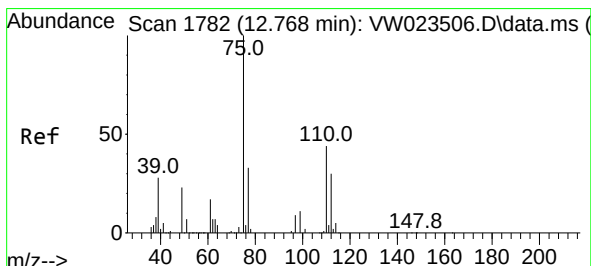
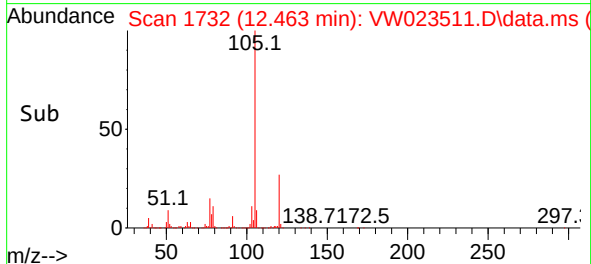
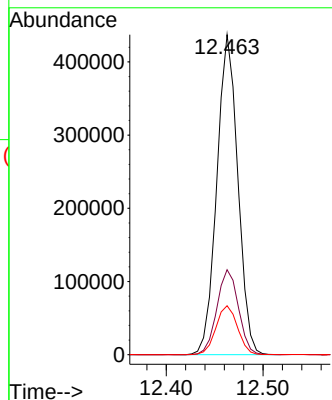
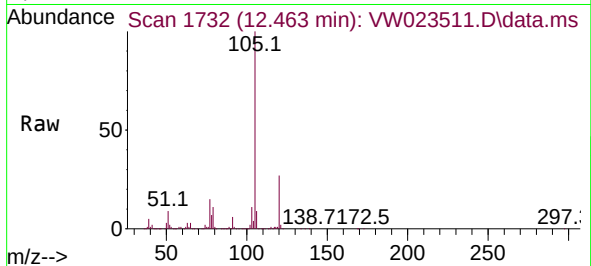




#60
Isopropylbenzene
Concen: 23.804 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW023511.D
Acq: 22 Jun 2022 15:45

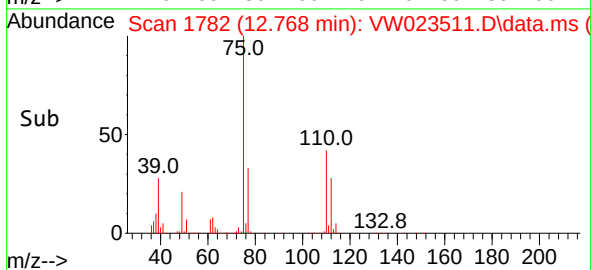
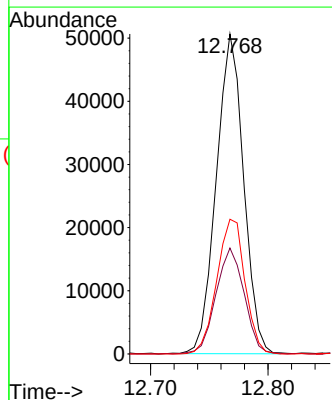
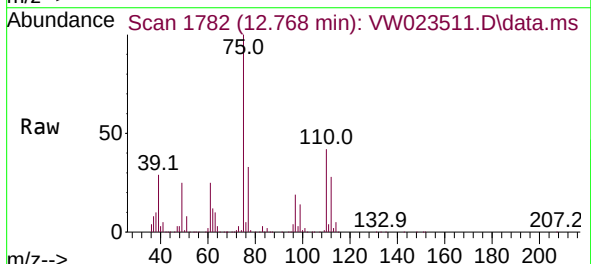
Instrument :
MSVOA_W
ClientSampleId :
VSTD025579

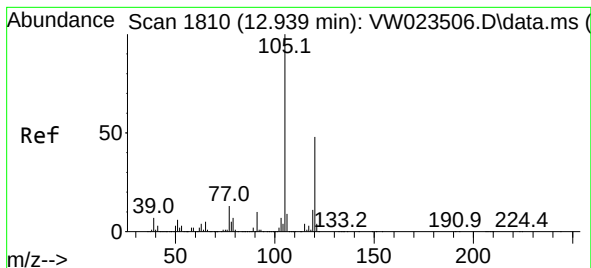
Tgt Ion:105 Resp: 658611
Ion Ratio Lower Upper
105 100
120 27.2 21.3 31.9
77 15.8 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 22.223 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW023511.D
Acq: 22 Jun 2022 15:45

Tgt Ion: 75 Resp: 81732
Ion Ratio Lower Upper
75 100
77 34.3 26.2 39.2
110 43.4 34.1 51.1

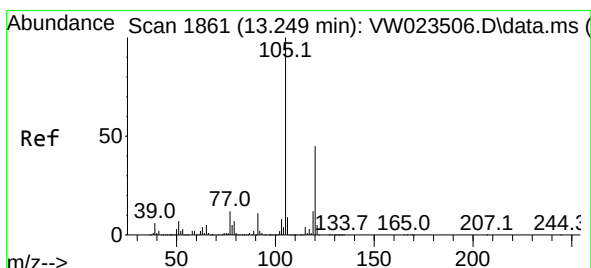
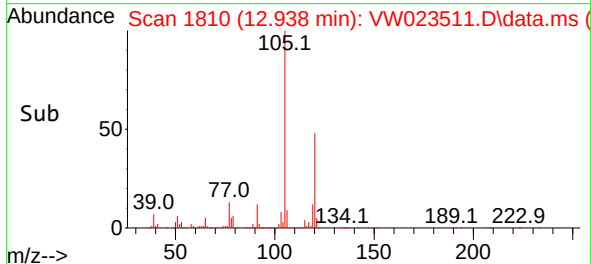
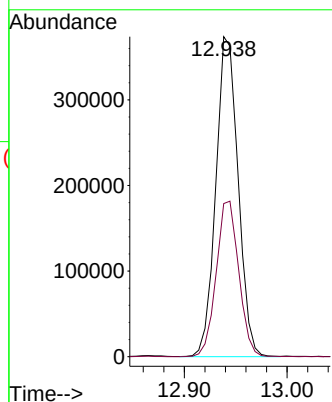
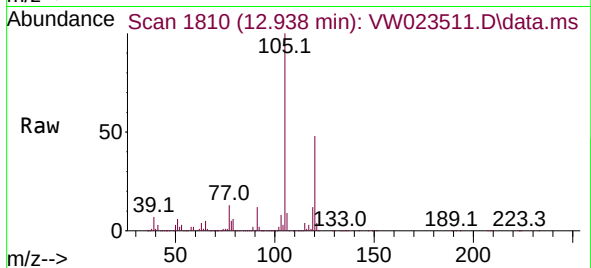




#62
1,3,5-Trimethylbenzene
Concen: 24.905 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VW023511.D
Acq: 22 Jun 2022 15:45

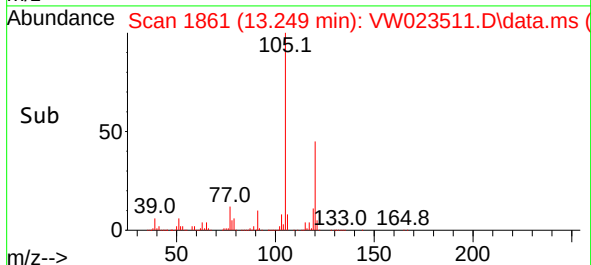
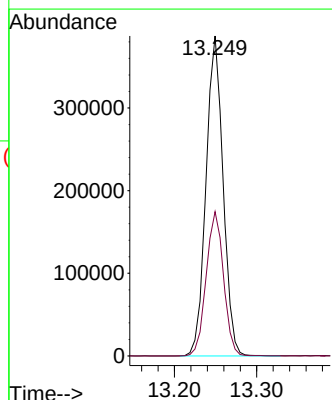
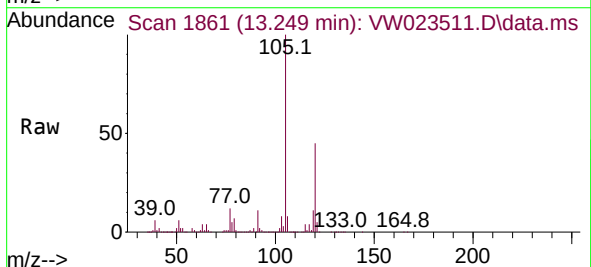
Instrument :
MSVOA_W
ClientSampleId :
VSTD025579

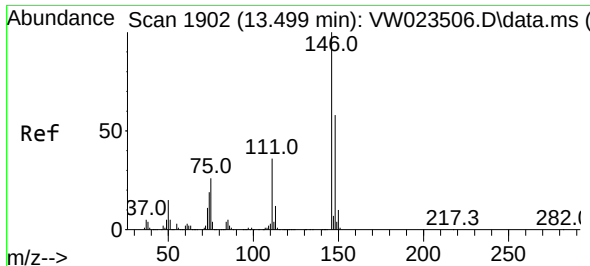
Tgt Ion:105 Resp: 563551
Ion Ratio Lower Upper
105 100
120 49.1 38.9 58.3



#63
1,2,4-Trimethylbenzene
Concen: 24.681 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW023511.D
Acq: 22 Jun 2022 15:45

Tgt Ion:105 Resp: 558880
Ion Ratio Lower Upper
105 100
120 45.8 37.4 56.2

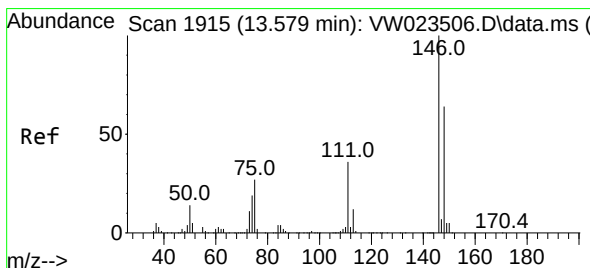
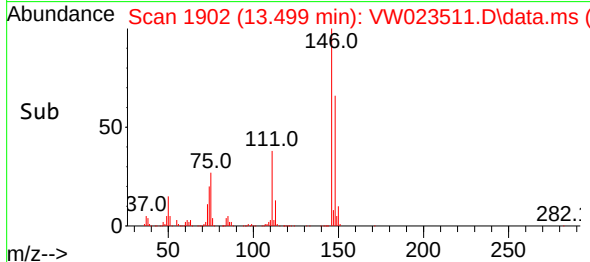
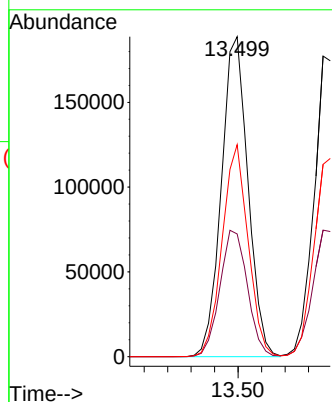
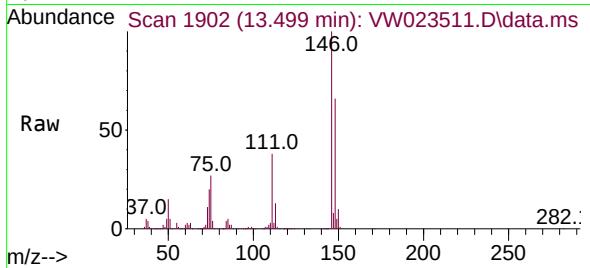




#64
1,3-Dichlorobenzene
Concen: 24.237 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VW023511.D
Acq: 22 Jun 2022 15:45

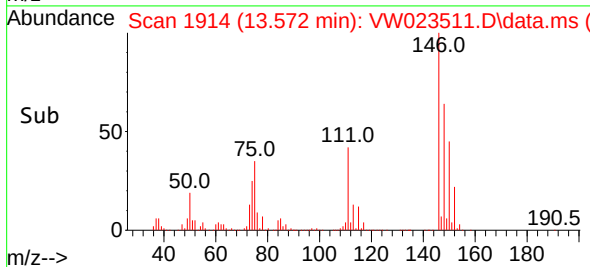
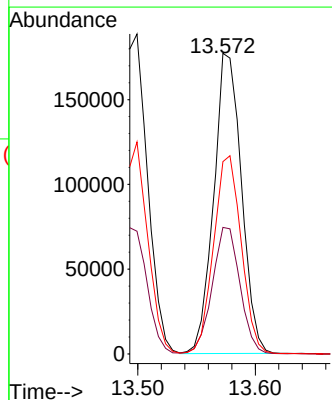
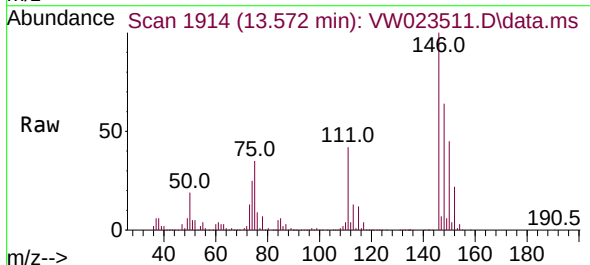
Instrument :
MSVOA_W
ClientSampleId :
VSTD025579

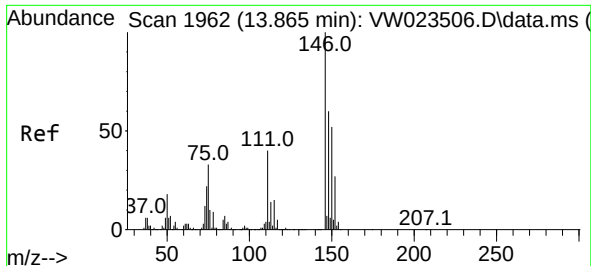
Tgt Ion:146 Resp: 297489
Ion Ratio Lower Upper
146 100
111 38.3 29.5 54.9
148 66.2 48.6 90.2



#65
1,4-Dichlorobenzene
Concen: 23.188 ug/L
RT: 13.572 min Scan# 1914
Delta R.T. -0.006 min
Lab File: VW023511.D
Acq: 22 Jun 2022 15:45

Tgt Ion:146 Resp: 290614
Ion Ratio Lower Upper
146 100
111 42.1 27.2 50.4
148 64.0 44.0 81.6





#67

1,2-Dichlorobenzene

Concen: 23.938 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VW023511.D

Acq: 22 Jun 2022 15:45

Instrument :

MSVOA_W

ClientSampleId :

VSTD025579

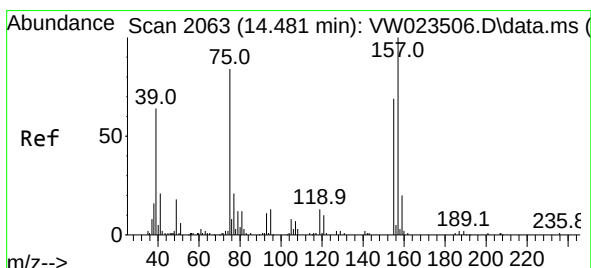
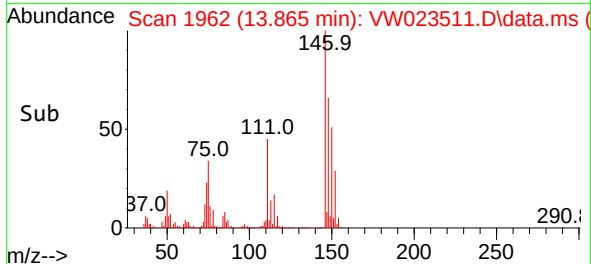
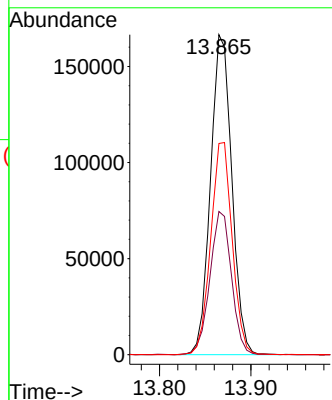
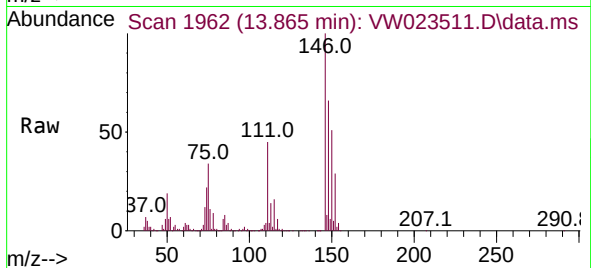
Tgt Ion:146 Resp: 269114

Ion Ratio Lower Upper

146 100

111 44.7 35.7 53.5

148 66.0 52.6 79.0



#68

1,2-Dibromo-3-chloropropane

Concen: 22.815 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW023511.D

Acq: 22 Jun 2022 15:45

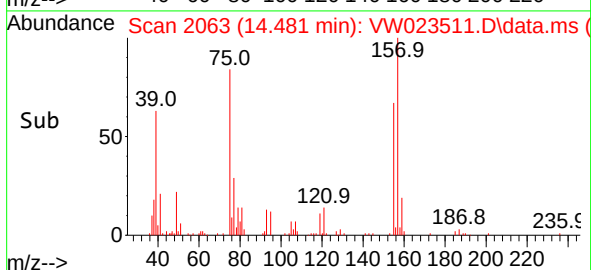
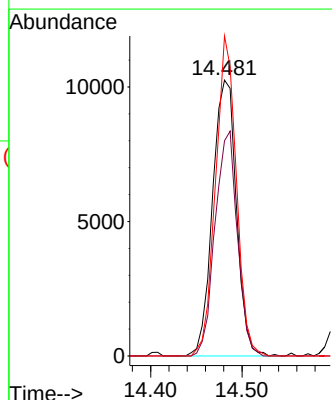
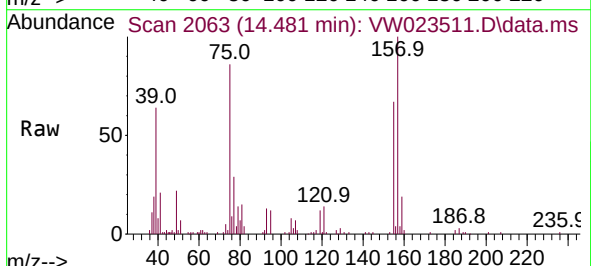
Tgt Ion: 75 Resp: 18528

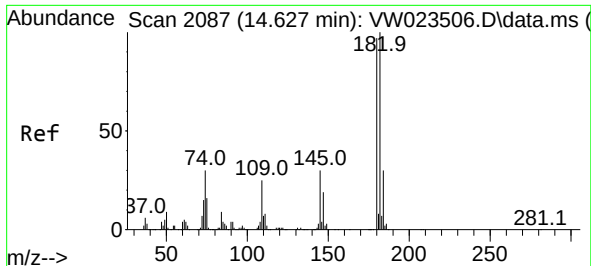
Ion Ratio Lower Upper

75 100

155 78.0 59.3 88.9

157 116.0 89.8 134.8

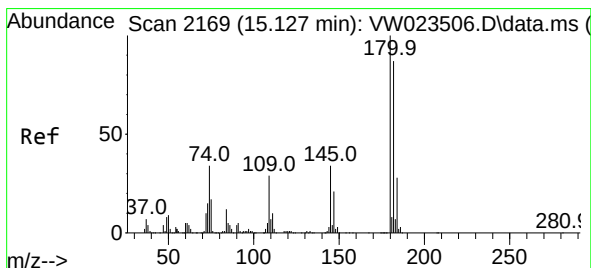
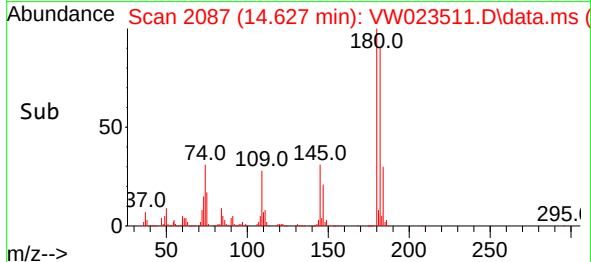
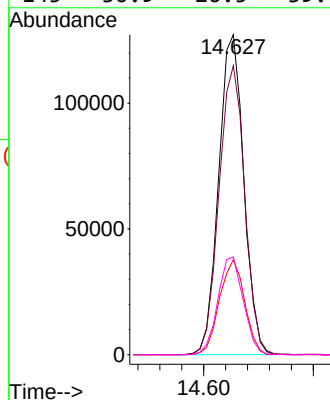
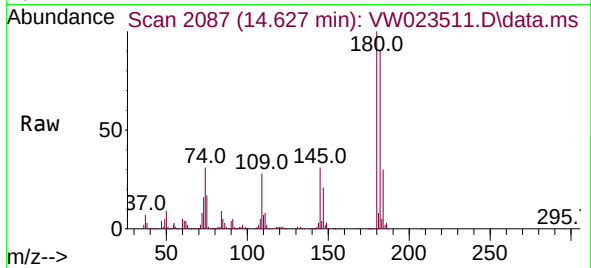




#69
 1,3,5-Trichlorobenzene
 Concen: 25.219 ug/L
 RT: 14.627 min Scan# 2087
 Delta R.T. -0.000 min
 Lab File: VW023511.D
 Acq: 22 Jun 2022 15:45

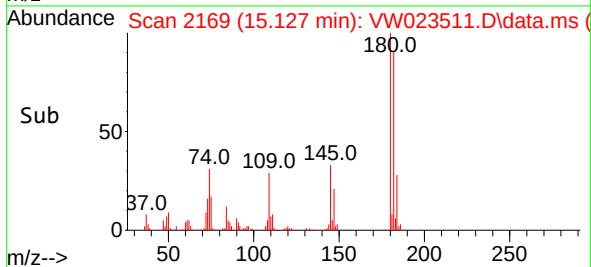
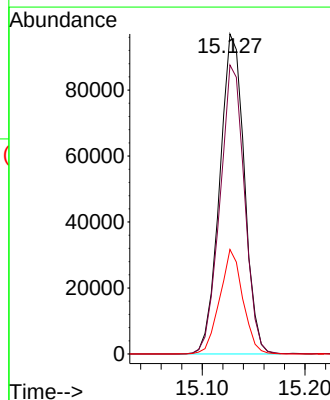
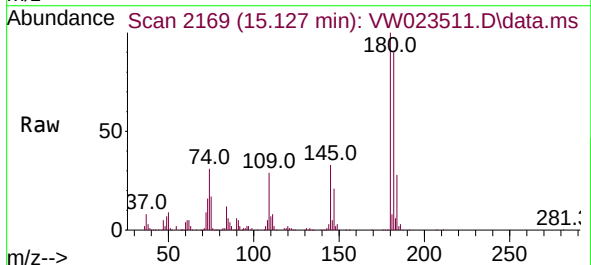
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025579

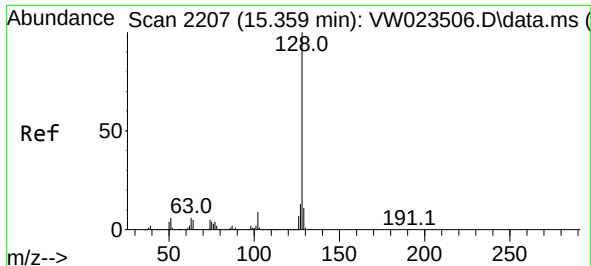
Tgt Ion:	180	Resp:	202260
Ion Ratio	Lower	Upper	
180	100		
182	92.4	74.8	112.2
184	29.7	23.4	35.2
145	30.9	26.5	39.7



#70
 1,2,4-trichlorobenzene
 Concen: 25.795 ug/L
 RT: 15.127 min Scan# 2169
 Delta R.T. -0.000 min
 Lab File: VW023511.D
 Acq: 22 Jun 2022 15:45

Tgt Ion:	180	Resp:	161091
Ion Ratio	Lower	Upper	
180	100		
182	90.0	74.9	112.3
145	30.6	26.6	39.8

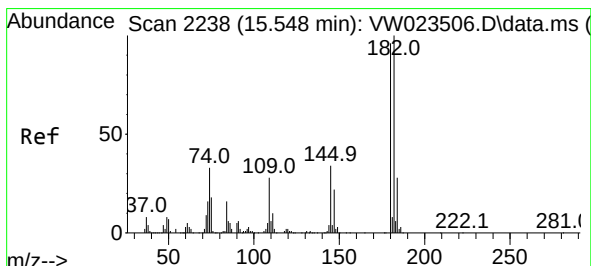
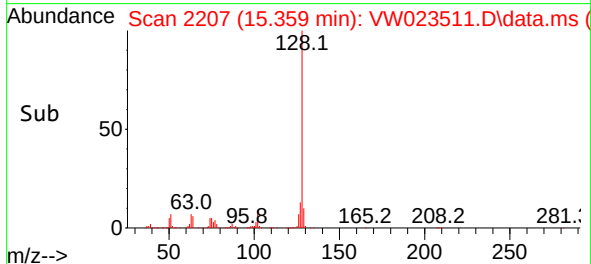
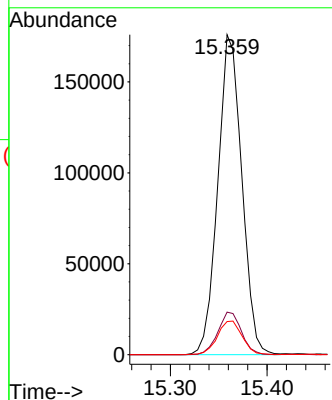
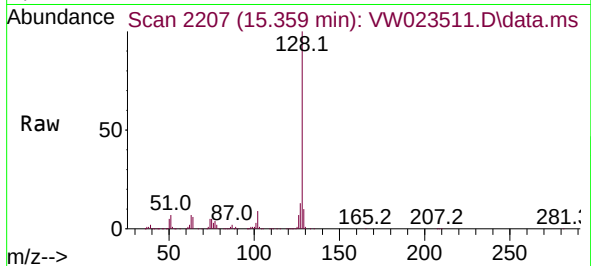




#71
Naphthalene
Concen: 24.656 ug/L
RT: 15.359 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW023511.D
Acq: 22 Jun 2022 15:45

Instrument :
MSVOA_W
ClientSampleId :
VSTD025579

Tgt Ion:128 Resp: 302908
Ion Ratio Lower Upper
128 100
127 13.1 10.6 16.0
129 10.9 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 26.617 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. 0.006 min
Lab File: VW023511.D
Acq: 22 Jun 2022 15:45

Tgt Ion:180 Resp: 144507
Ion Ratio Lower Upper
180 100
182 92.1 73.5 110.3
145 33.1 27.9 41.9

