

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072522\
 Data File : VW024065.D
 Acq On : 25 Jul 2022 11:36
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025506

Quant Time: Jul 26 01:21:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072522SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jul 26 01:19:43 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	244827	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	256330	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	151191	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	148968	28.386	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 113.560%	
7) Chloroethane-d5	2.873	69	92907	26.202	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 104.800%	
11) 1,1-Dichloroethene-d2	4.013	63	119745	25.914	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 103.640%	
21) 2-Butanone-d5	7.080	46	50087	53.703	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 107.400%	
24) Chloroform-d	7.647	84	169969	25.253	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 101.000%	
26) 1,2-Dichloroethane-d4	8.299	65	101125	26.151	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 104.600%	
32) Benzene-d6	8.275	84	320329	26.902	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 107.600%	
36) 1,2-Dichloropropane-d6	9.275	67	95613	25.458	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 101.840%	
41) Toluene-d8	10.323	98	321883	27.030	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 108.120%	
43) trans-1,3-Dichloroprop...	10.579	79	43762	26.280	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 105.120%	
47) 2-Hexanone-d5	10.921	63	45003	57.315	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 114.640%	
56) 1,1,2,2-Tetrachloroeth...	12.689	84	115137	26.569	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 106.280%	
66) 1,2-Dichlorobenzene-d4	13.853	152	126252	25.784	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 103.120%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.001	85	51974	28.744	ug/L	91
3) Chloromethane	2.209	50	125099	26.649	ug/L	99
5) Vinyl chloride	2.349	62	184972	25.281	ug/L	100
6) Bromomethane	2.764	94	101210	25.039	ug/L	92
8) Chloroethane	2.904	64	83313	25.884	ug/L	91
9) Trichlorofluoromethane	3.239	101	76091	22.339	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.044	101	80037	25.372	ug/L #	78
12) 1,1-Dichloroethene	4.032	96	63465	24.545	ug/L	87
13) Acetone	4.129	43	32945	49.778	ug/L	98
14) Carbon disulfide	4.373	76	203888	25.673	ug/L	97
15) Methyl Acetate	4.666	43	43645	27.337	ug/L	97
16) Methylene chloride	4.909	84	82256	22.074	ug/L	90
17) trans-1,2-Dichloroethene	5.415	96	81085	25.630	ug/L	95
18) Methyl tert-butyl Ether	5.428	73	131150	27.967	ug/L #	89
19) 1,1-Dichloroethane	6.208	63	151944	25.427	ug/L	99
22) 2-Butanone	7.171	43	59160	55.691	ug/L	99
23) Bromochloromethane	7.513	128	46028	25.746	ug/L	96
25) Chloroform	7.671	83	174002	25.165	ug/L	96
27) 1,2-Dichloroethane	8.397	62	130692	26.538	ug/L	98

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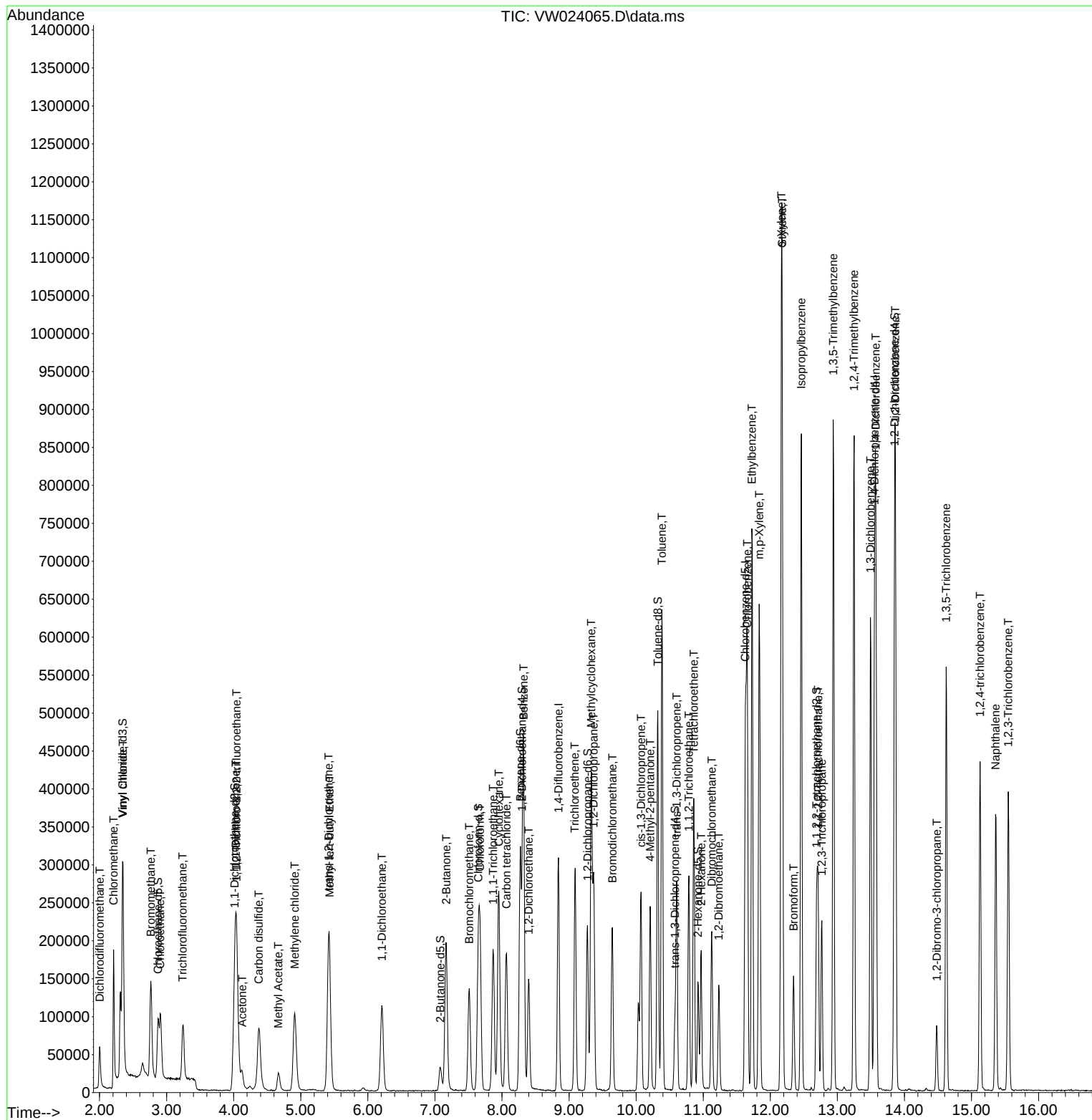
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.952	56	129234	27.364	ug/L	98
30) 1,1,1-Trichloroethane	7.866	97	144100	25.150	ug/L	99
31) Carbon tetrachloride	8.067	117	132996	25.181	ug/L	98
33) Benzene	8.323	78	390443	26.367	ug/L	100
34) Trichloroethene	9.086	95	98060	25.007	ug/L	96
35) Methylcyclohexane	9.329	83	162190	27.225	ug/L	98
37) 1,2-Dichloropropane	9.366	63	96840	25.867	ug/L	99
38) Bromodichloromethane	9.646	83	137255	25.715	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	145216	26.624	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	149330	57.323	ug/L	100
42) Toluene	10.384	91	448513	26.778	ug/L	99
44) trans-1,3-Dichloropropene	10.604	75	143912	27.861	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	84040	25.697	ug/L	99
46) Tetrachloroethene	10.860	164	74956	24.423	ug/L	90
48) 2-Hexanone	10.969	43	111831	59.237	ug/L	98
49) Dibromochloromethane	11.128	129	103147	26.992	ug/L	99
50) 1,2-Dibromoethane	11.232	107	86644	27.059	ug/L #	92
51) Chlorobenzene	11.658	112	295768	26.238	ug/L	95
52) Ethylbenzene	11.725	91	512094	27.742	ug/L	98
53) m,p-Xylene	11.835	106	197307	27.539	ug/L	85
54) o-Xylene	12.164	106	195847	28.584	ug/L	98
55) Styrene	12.176	104	350526	28.557	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.713	83	121289	26.759	ug/L	99
59) Bromoform	12.347	173	61791	26.440	ug/L	100
60) Isopropylbenzene	12.463	105	531431	27.750	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	86857	25.559	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	445211	28.897	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	444145	28.482	ug/L	98
64) 1,3-Dichlorobenzene	13.493	146	245740	26.830	ug/L	96
65) 1,4-Dichlorobenzene	13.573	146	250678	25.782	ug/L	94
67) 1,2-Dichlorobenzene	13.865	146	237977	27.777	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.481	75	19794	26.068	ug/L	89
69) 1,3,5-Trichlorobenzene	14.621	180	157873	27.029	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	122019	27.571	ug/L	96
71) Naphthalene	15.359	128	302836	31.978	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	116978	28.099	ug/L	99

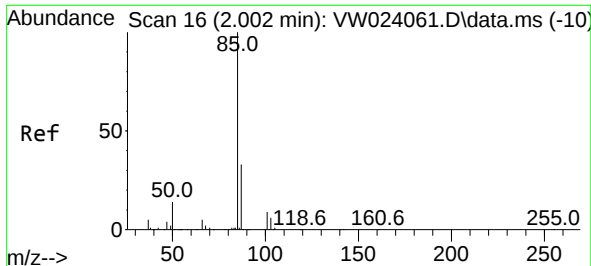
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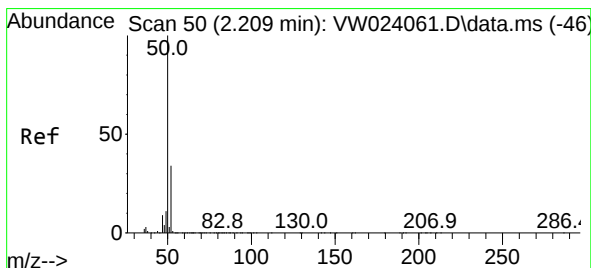
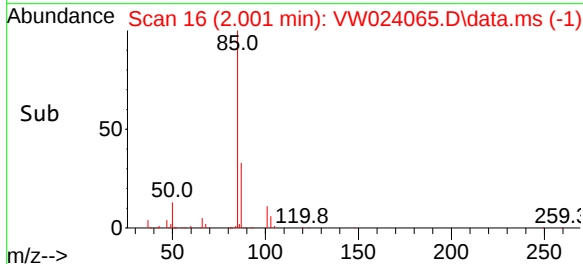
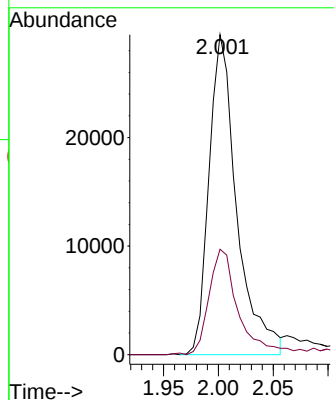
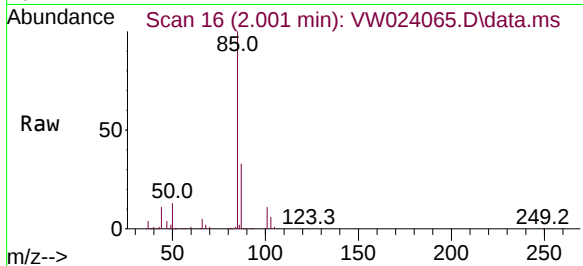




#2
 Dichlorodifluoromethane
 Concen: 28.744 ug/L
 RT: 2.001 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: VW024065.D
 Acq: 25 Jul 2022 11:36

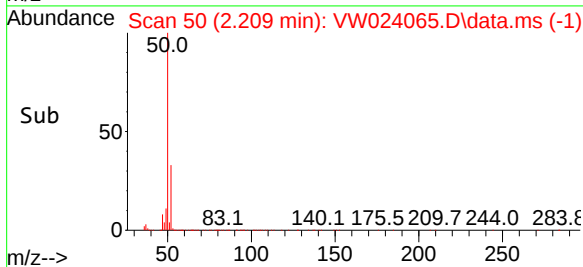
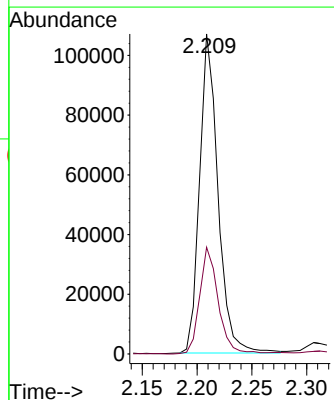
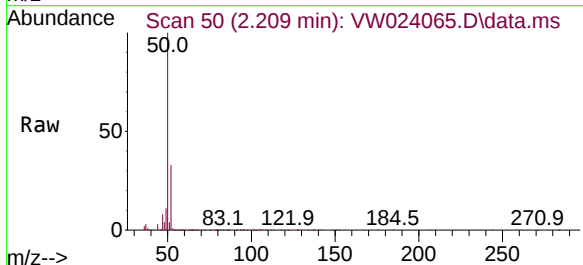
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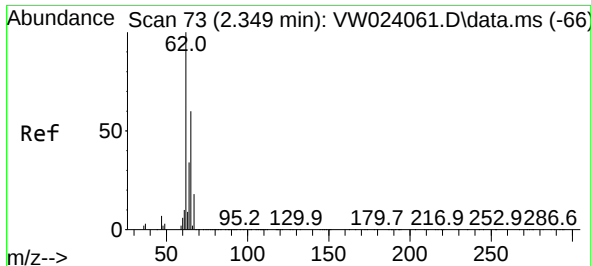
Tgt Ion: 85 Resp: 51974
 Ion Ratio Lower Upper
 85 100
 87 35.1 24.2 36.2



#3
 Chloromethane
 Concen: 26.649 ug/L
 RT: 2.209 min Scan# 50
 Delta R.T. -0.000 min
 Lab File: VW024065.D
 Acq: 25 Jul 2022 11:36

Tgt Ion: 50 Resp: 125099
 Ion Ratio Lower Upper
 50 100
 52 33.4 23.9 44.5

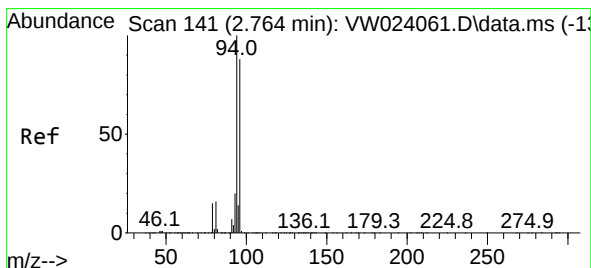
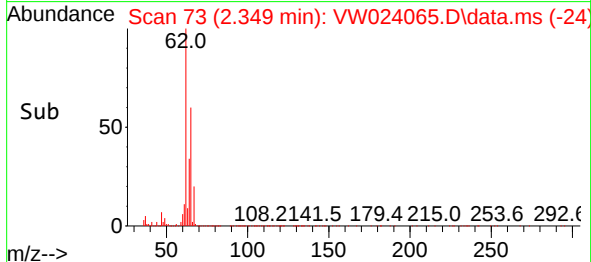
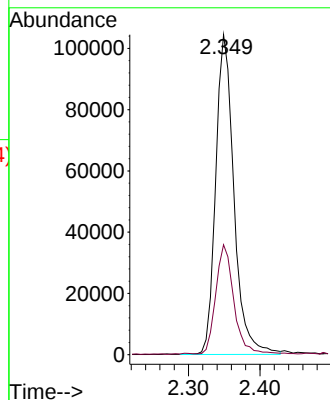
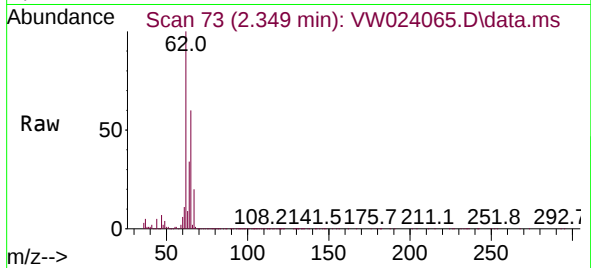




#5
 Vinyl chloride
 Concen: 25.281 ug/L
 RT: 2.349 min Scan# 73
 Delta R.T. -0.000 min
 Lab File: VW024065.D
 Acq: 25 Jul 2022 11:36

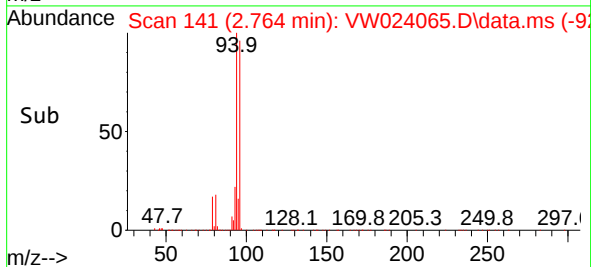
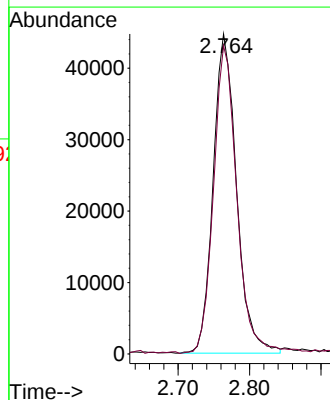
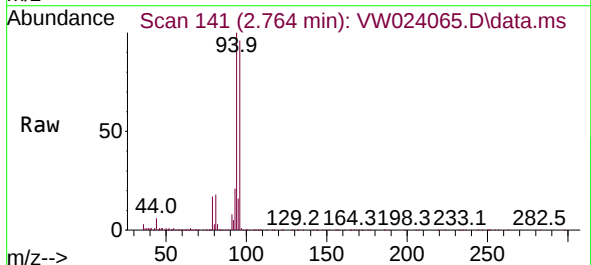
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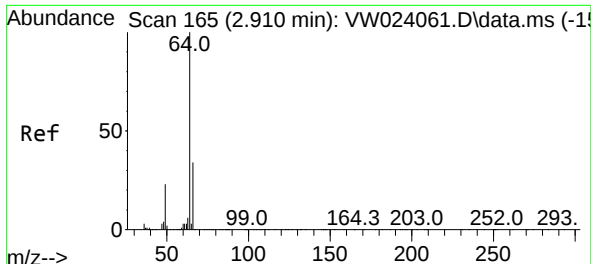
Tgt Ion: 62 Resp: 184972
 Ion Ratio Lower Upper
 62 100
 64 34.4 23.9 44.3



#6
 Bromomethane
 Concen: 25.039 ug/L
 RT: 2.764 min Scan# 141
 Delta R.T. -0.000 min
 Lab File: VW024065.D
 Acq: 25 Jul 2022 11:36

Tgt Ion: 94 Resp: 101210
 Ion Ratio Lower Upper
 94 100
 96 96.3 61.9 114.9

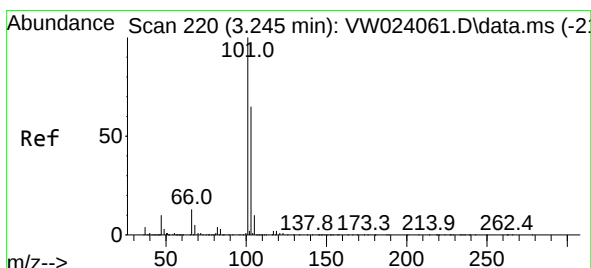
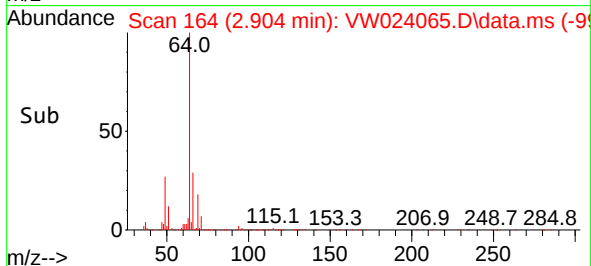
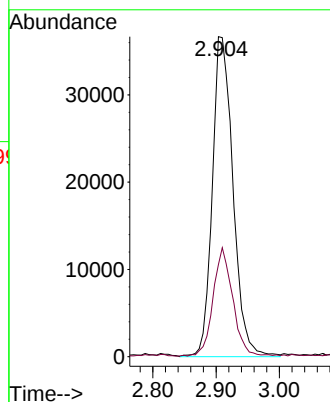
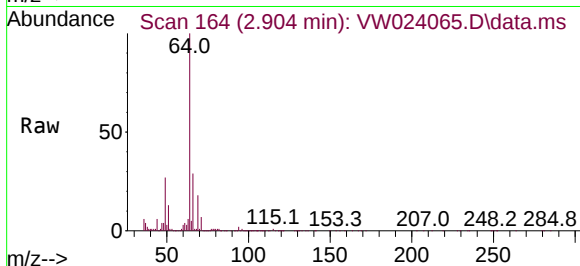




#8
Chloroethane
Concen: 25.884 ug/L
RT: 2.904 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW024065.D
Acq: 25 Jul 2022 11:36

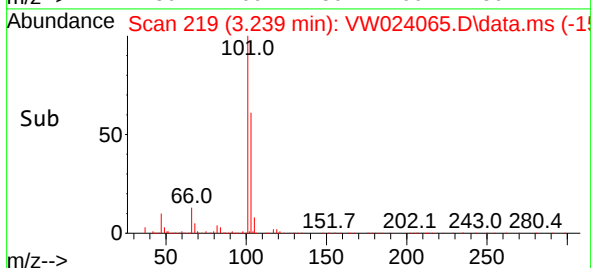
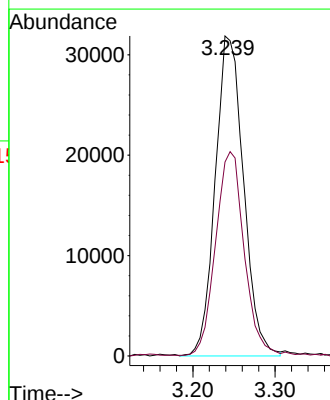
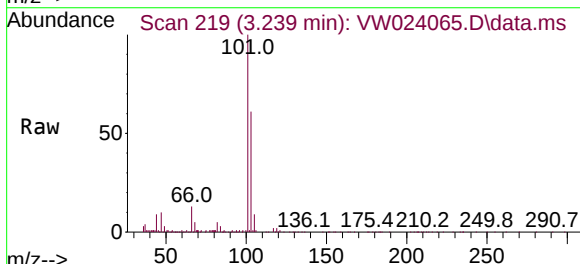
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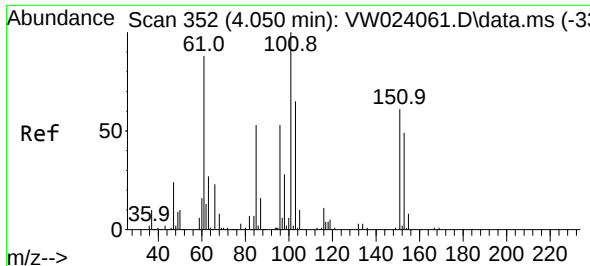
Tgt Ion: 64 Resp: 83313
Ion Ratio Lower Upper
64 100
66 28.8 23.9 44.3



#9
Trichlorofluoromethane
Concen: 22.339 ug/L
RT: 3.239 min Scan# 219
Delta R.T. -0.006 min
Lab File: VW024065.D
Acq: 25 Jul 2022 11:36

Tgt Ion: 101 Resp: 76091
Ion Ratio Lower Upper
101 100
103 64.3 52.4 78.6

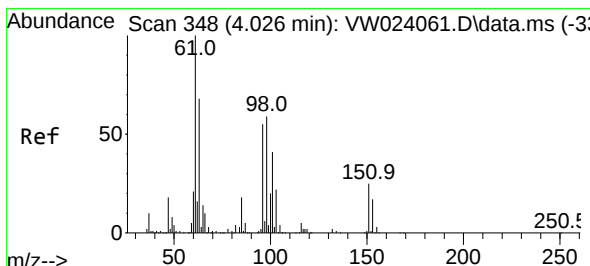
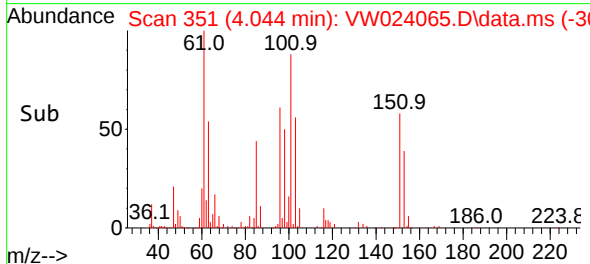
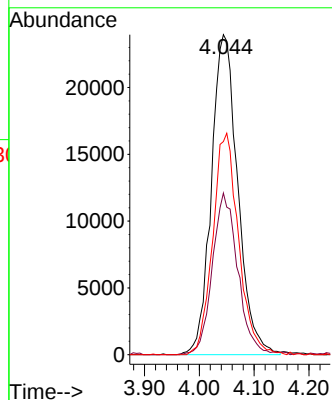
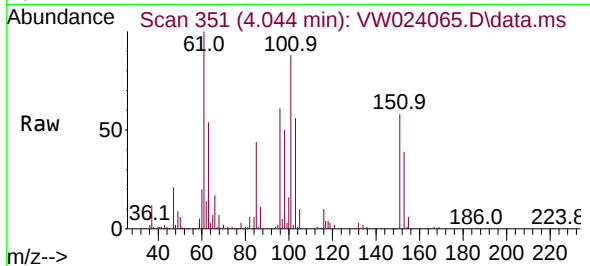




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 25.372 ug/L
RT: 4.044 min Scan# 31
Delta R.T. -0.006 min
Lab File: VW024065.D
Acq: 25 Jul 2022 11:36

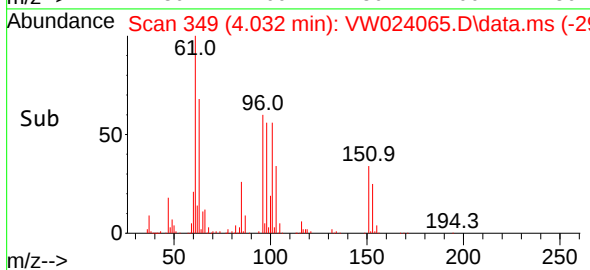
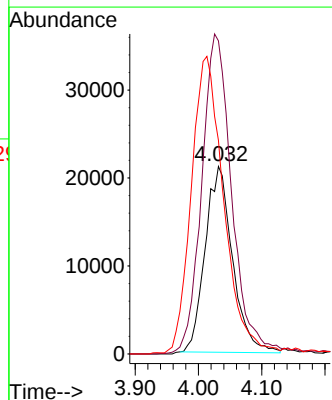
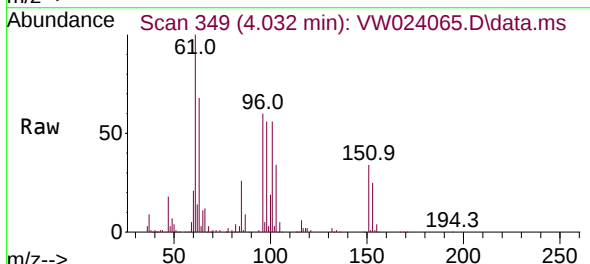
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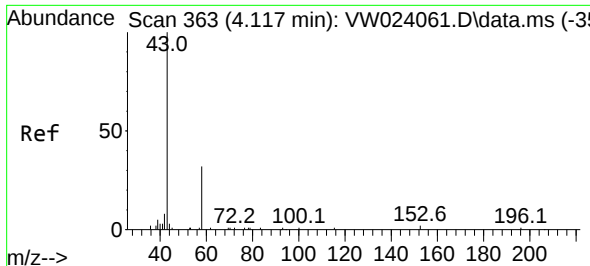
Tgt Ion:101 Resp: 80037
Ion Ratio Lower Upper
101 100
85 48.4 39.8 59.8
151 67.5 30.5 45.7#



#12
1,1-Dichloroethene
Concen: 24.545 ug/L
RT: 4.032 min Scan# 349
Delta R.T. 0.006 min
Lab File: VW024065.D
Acq: 25 Jul 2022 11:36

Tgt Ion: 96 Resp: 63465
Ion Ratio Lower Upper
96 100
61 167.0 128.4 238.4
63 113.9 93.1 172.9

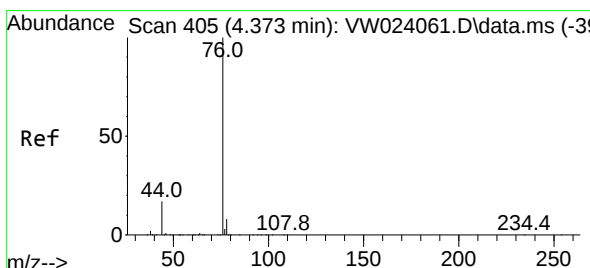
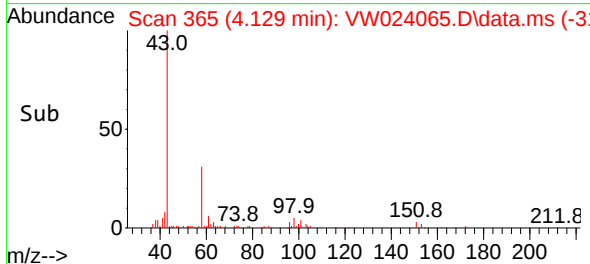
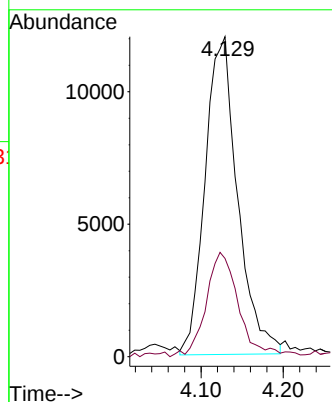
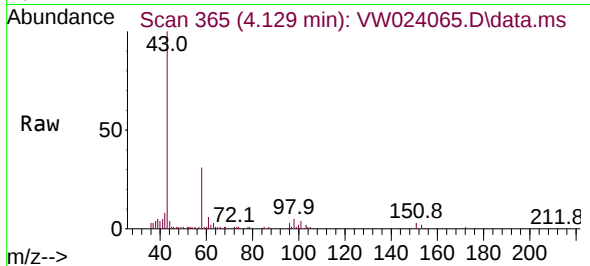




#13
Acetone
Concen: 49.778 ug/L
RT: 4.129 min Scan# 365
Delta R.T. 0.012 min
Lab File: VW024065.D
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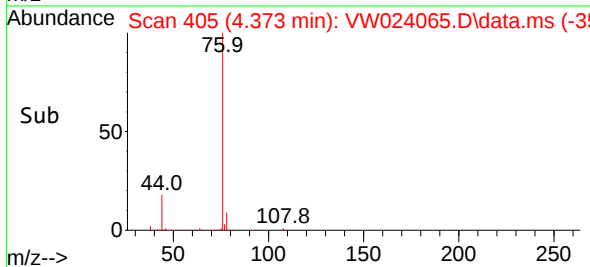
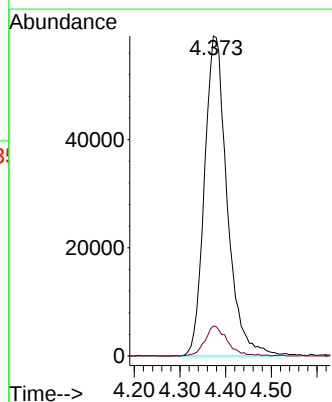
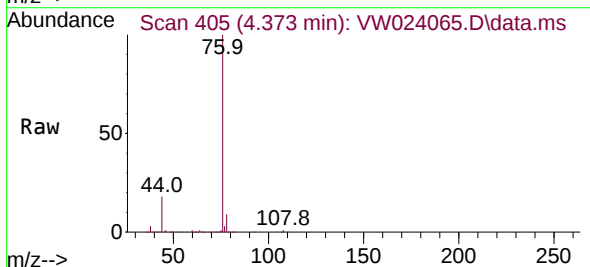
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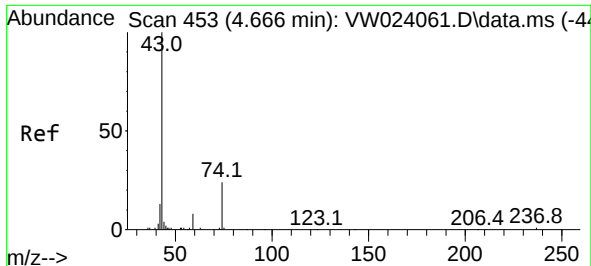
Tgt Ion: 43 Resp: 32945
Ion Ratio Lower Upper
43 100
58 30.9 0.0 60.0



#14
Carbon disulfide
Concen: 25.673 ug/L
RT: 4.373 min Scan# 405
Delta R.T. -0.000 min
Lab File: VW024065.D
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Tgt Ion: 76 Resp: 203888
Ion Ratio Lower Upper
76 100
78 9.3 6.6 10.0

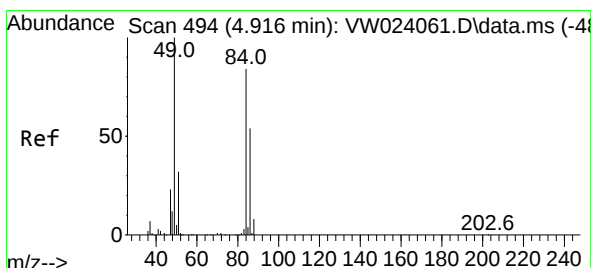
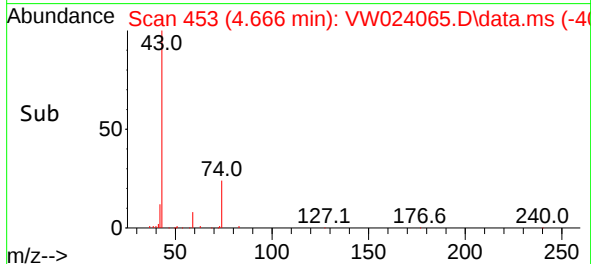
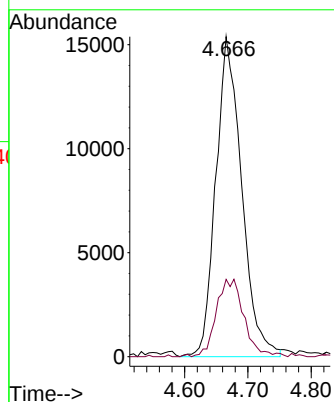
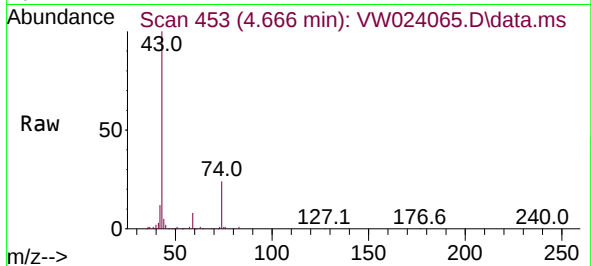




#15
Methyl Acetate
Concen: 27.337 ug/L
RT: 4.666 min Scan# 41
Delta R.T. -0.000 min
Lab File: VW024065.D
Acq: 25 Jul 2022 11:36

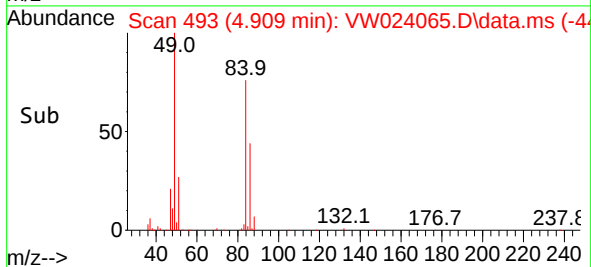
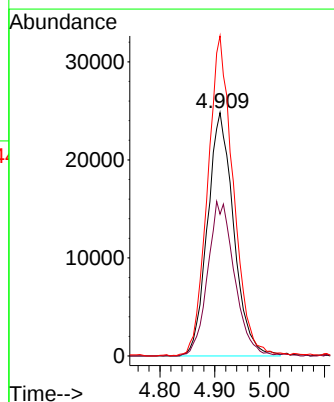
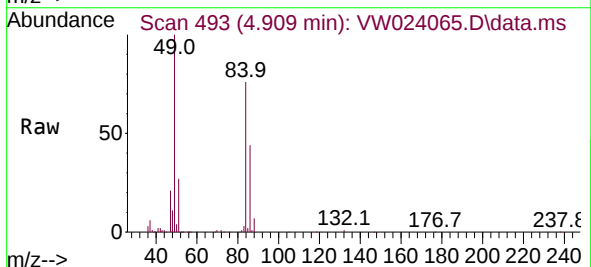
Instrument :
MSVOA_W
ClientSampleId :
VSTD025506

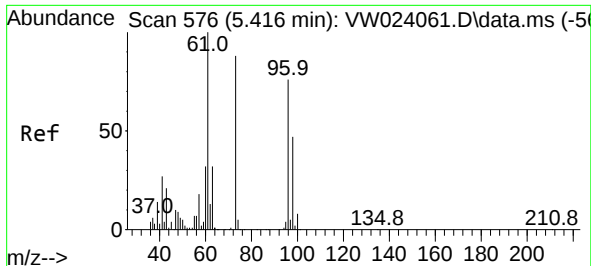
Tgt Ion: 43 Resp: 43645
Ion Ratio Lower Upper
43 100
74 25.0 21.1 31.7



#16
Methylene chloride
Concen: 22.074 ug/L
RT: 4.909 min Scan# 493
Delta R.T. -0.006 min
Lab File: VW024065.D
Acq: 25 Jul 2022 11:36

Tgt Ion: 84 Resp: 82256
Ion Ratio Lower Upper
84 100
86 58.3 44.7 83.1
49 131.5 83.7 155.4

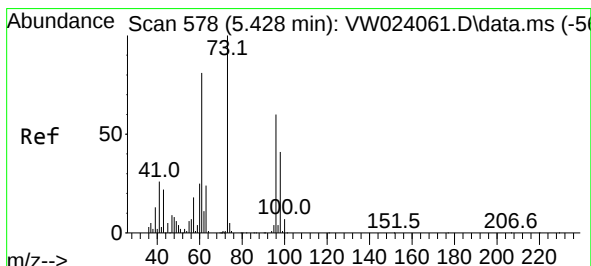
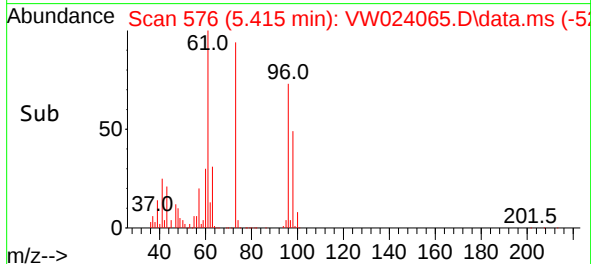
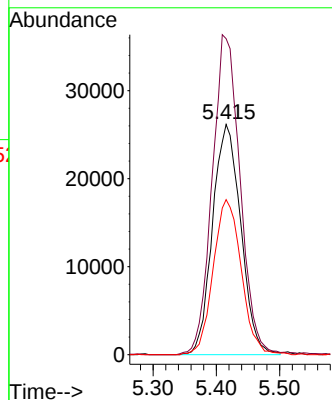
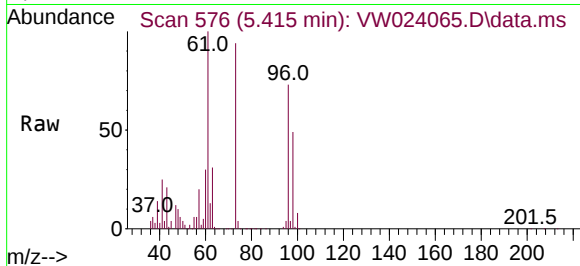




#17
trans-1,2-Dichloroethene
Concen: 25.630 ug/L
RT: 5.415 min Scan# 576
Delta R.T. -0.000 min
Lab File: VW024065.D
Acq: 25 Jul 2022 11:36

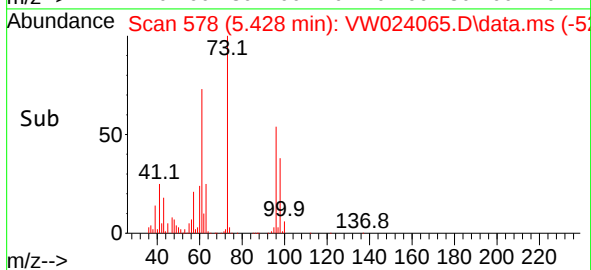
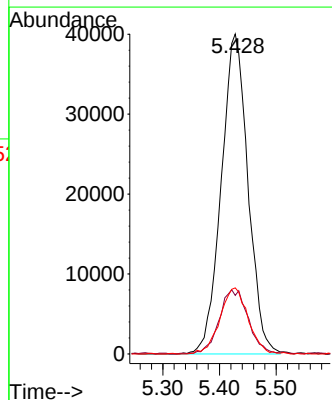
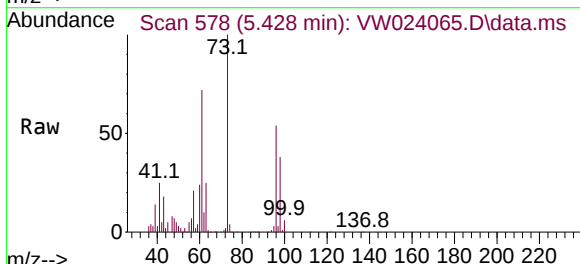
Instrument :
MSVOA_W
ClientSampleId :
VSTD025506

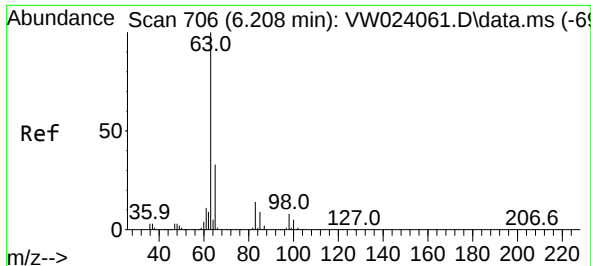
Tgt Ion: 96 Resp: 81085
Ion Ratio Lower Upper
96 100
61 137.2 92.7 172.1
98 67.3 44.1 81.9



#18
Methyl tert-butyl Ether
Concen: 27.967 ug/L
RT: 5.428 min Scan# 578
Delta R.T. -0.000 min
Lab File: VW024065.D
Acq: 25 Jul 2022 11:36

Tgt Ion: 73 Resp: 131150
Ion Ratio Lower Upper
73 100
43 12.5 17.3 25.9#
57 21.7 16.6 25.0





#19

1,1-Dichloroethane

Concen: 25.427 ug/L

RT: 6.208 min Scan# 706

Delta R.T. -0.000 min

Lab File: VW024065.D

Acq: 25 Jul 2022 11:36

Instrument :

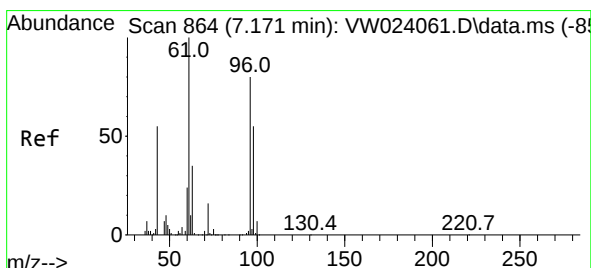
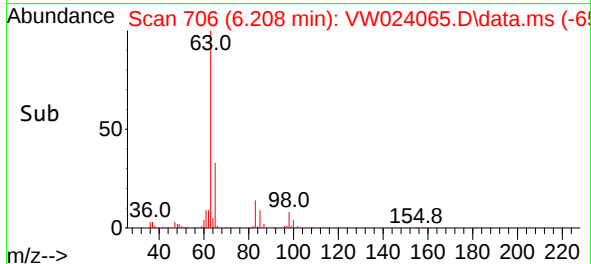
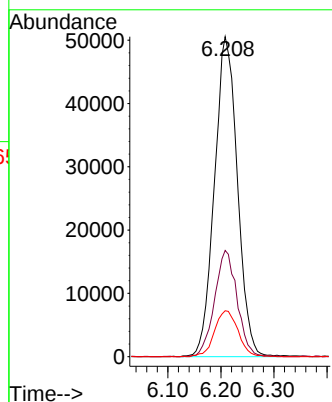
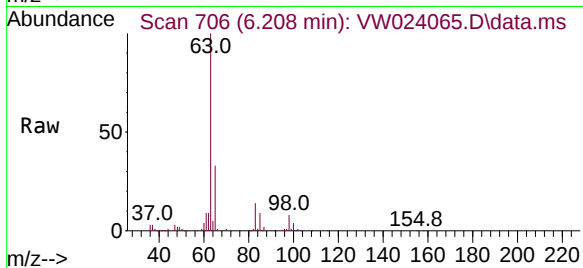
MSVOA_W

ClientSampleId :

VSTD025506

Tgt Ion: 63 Resp: 151944

Ion	Ratio	Lower	Upper
63	100		
65	33.2	23.4	43.4
83	14.3	9.7	17.9



#22

2-Butanone

Concen: 55.691 ug/L

RT: 7.171 min Scan# 864

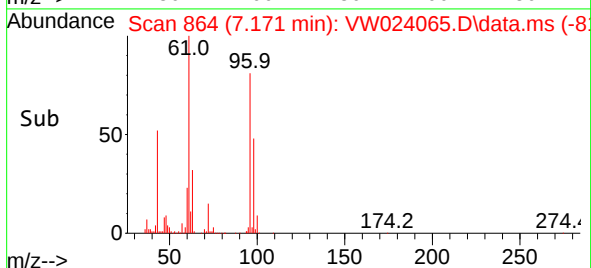
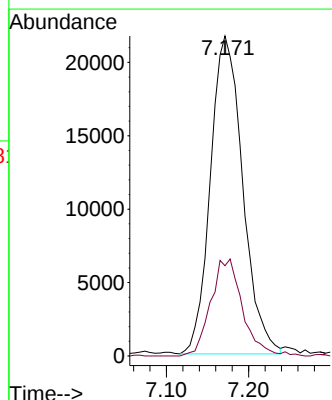
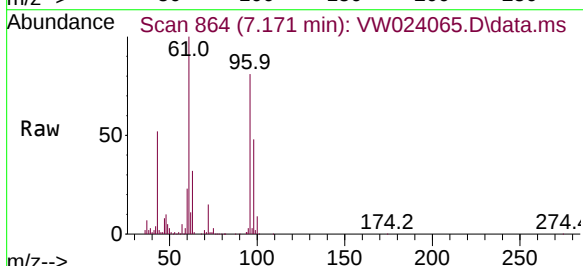
Delta R.T. -0.000 min

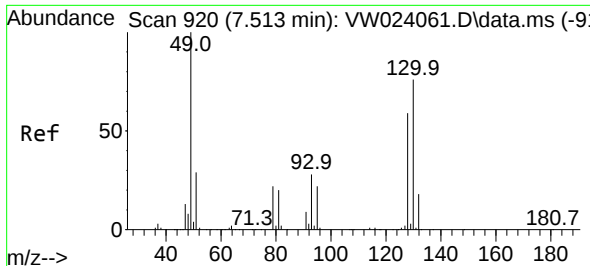
Lab File: VW024065.D

Acq: 25 Jul 2022 11:36

Tgt Ion: 43 Resp: 59160

Ion	Ratio	Lower	Upper
43	100		
72	29.7	15.0	45.0

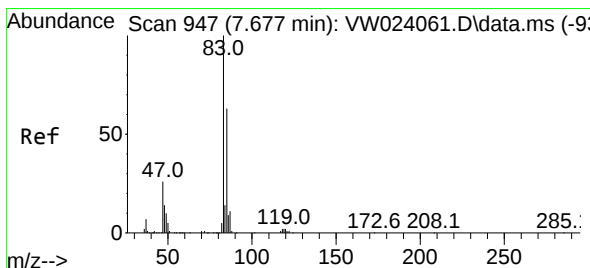
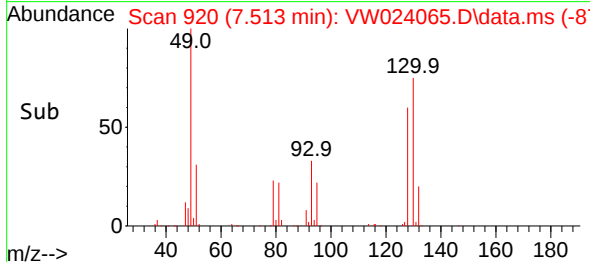
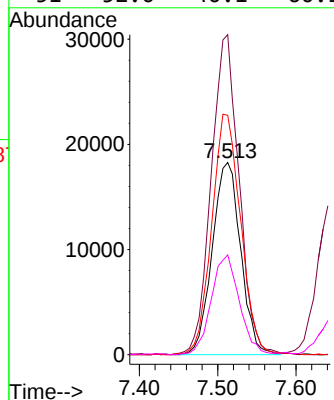
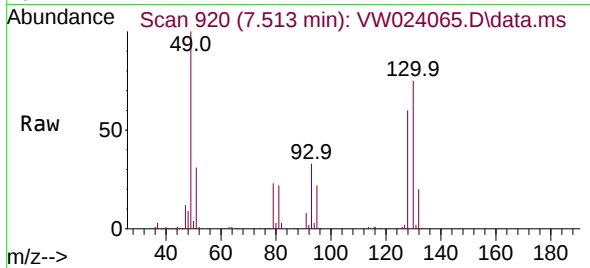




#23
Bromochloromethane
Concen: 25.746 ug/L
RT: 7.513 min Scan# 91
Delta R.T. -0.000 min
Lab File: VW024065.D
Acq: 25 Jul 2022 11:36

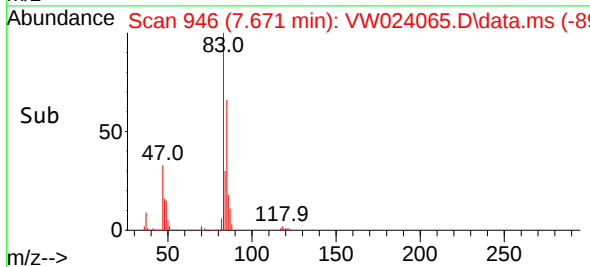
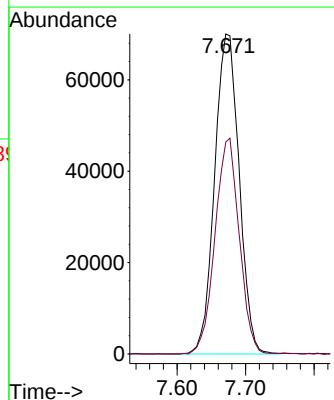
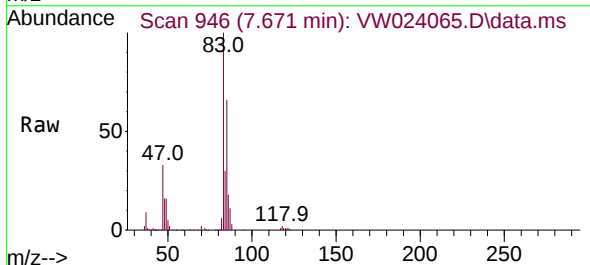
Instrument :
MSVOA_W
ClientSampleId :
VSTD025506

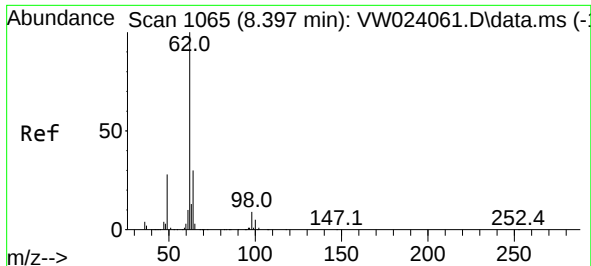
Tgt Ion:128 Resp: 46028
Ion Ratio Lower Upper
128 100
49 166.5 119.8 222.4
130 124.5 90.7 168.5
51 52.0 40.1 60.1



#25
Chloroform
Concen: 25.165 ug/L
RT: 7.671 min Scan# 946
Delta R.T. -0.006 min
Lab File: VW024065.D
Acq: 25 Jul 2022 11:36

Tgt Ion: 83 Resp: 174002
Ion Ratio Lower Upper
83 100
85 66.3 44.1 81.9





#27

1,2-Dichloroethane

Concen: 26.538 ug/L

RT: 8.397 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VW024065.D

Acq: 25 Jul 2022 11:36

Instrument :

MSVOA_W

ClientSampleId :

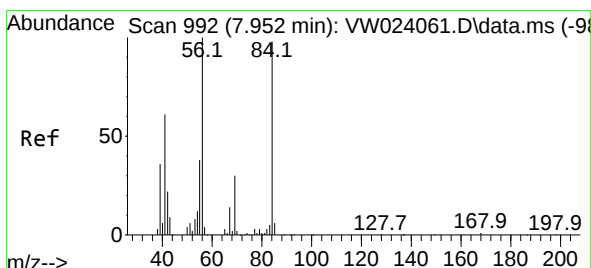
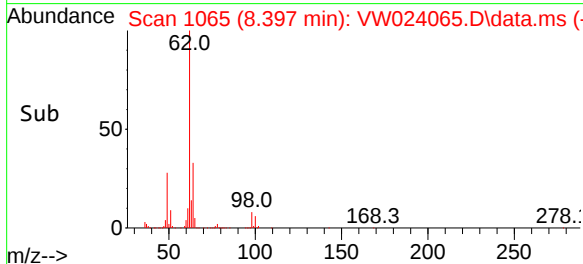
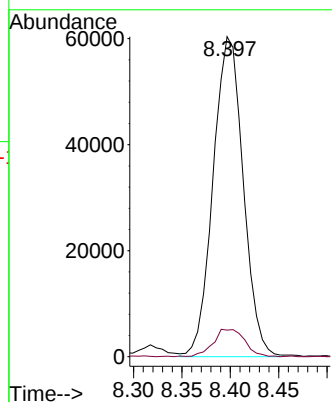
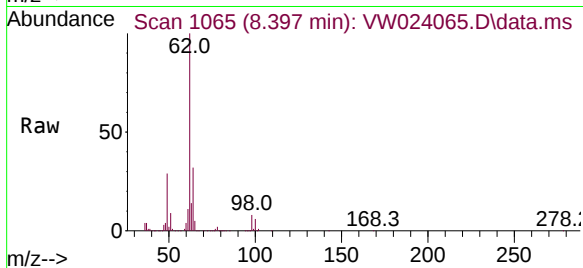
VSTD025506

Tgt Ion: 62 Resp: 130692

Ion Ratio Lower Upper

62 100

98 8.3 7.1 10.7



#29

Cyclohexane

Concen: 27.364 ug/L

RT: 7.952 min Scan# 992

Delta R.T. -0.000 min

Lab File: VW024065.D

Acq: 25 Jul 2022 11:36

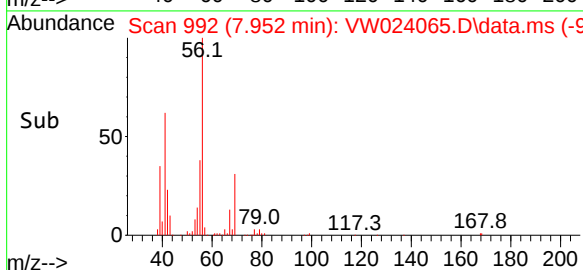
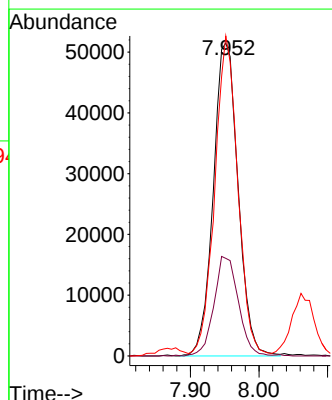
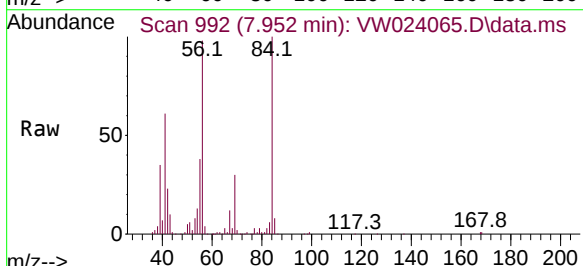
Tgt Ion: 56 Resp: 129234

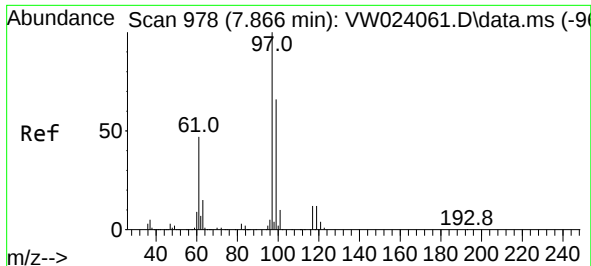
Ion Ratio Lower Upper

56 100

69 31.3 24.1 36.1

84 93.4 76.2 114.4

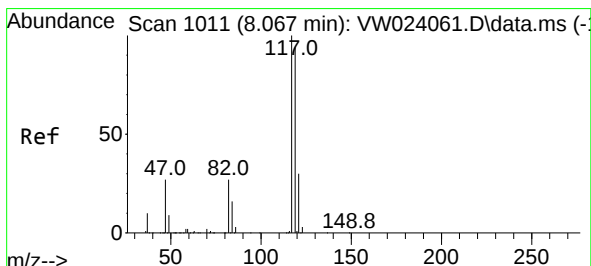
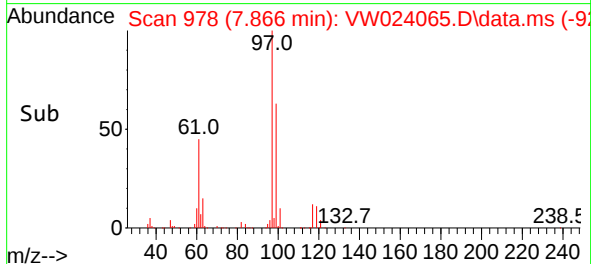
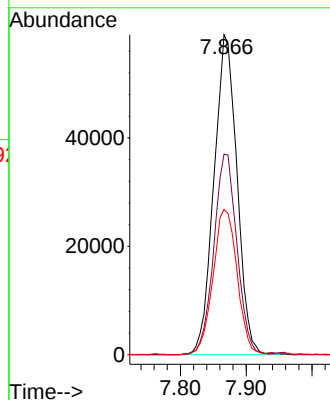
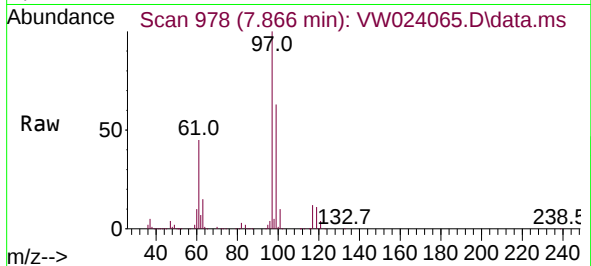




#30
1,1,1-Trichloroethane
Concen: 25.150 ug/L
RT: 7.866 min Scan# 91
Delta R.T. -0.000 min
Lab File: VW024065.D
Acq: 25 Jul 2022 11:36

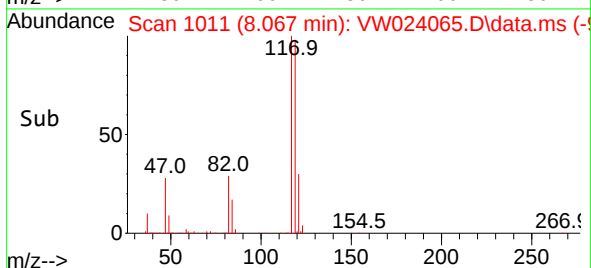
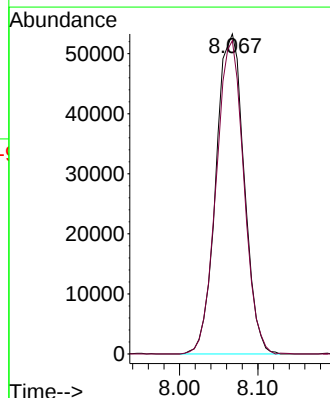
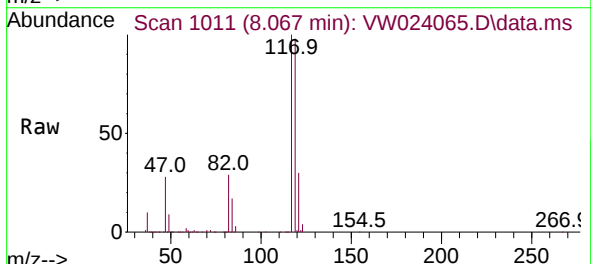
Instrument :
MSVOA_W
ClientSampleId :
VSTD025506

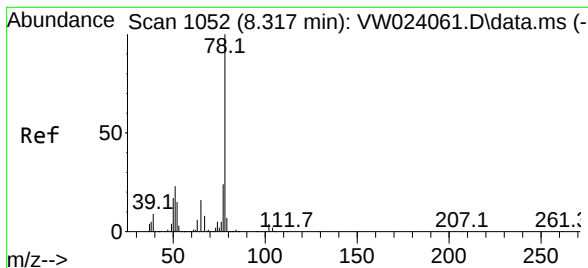
Tgt Ion: 97 Resp: 144100
Ion Ratio Lower Upper
97 100
99 62.9 51.7 77.5
61 47.5 37.8 56.6



#31
Carbon tetrachloride
Concen: 25.181 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.000 min
Lab File: VW024065.D
Acq: 25 Jul 2022 11:36

Tgt Ion: 117 Resp: 132996
Ion Ratio Lower Upper
117 100
119 96.0 75.0 112.4





#33

Benzene

Concen: 26.367 ug/L

RT: 8.323 min Scan# 1053

Delta R.T. 0.006 min

Lab File: VW024065.D

Acq: 25 Jul 2022 11:36

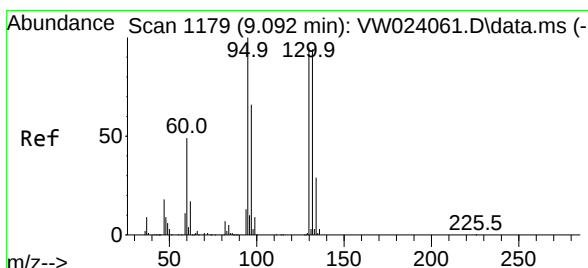
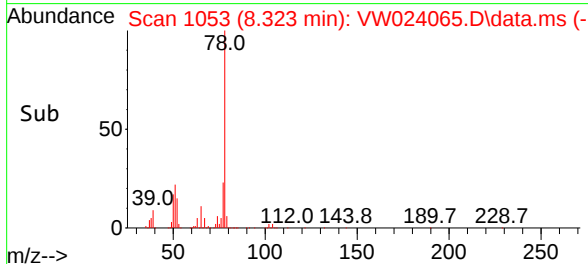
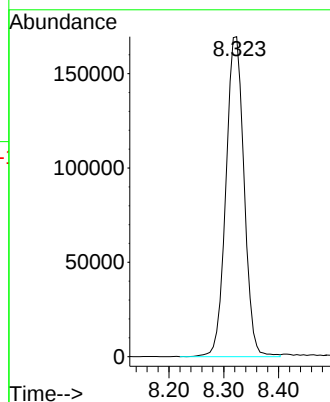
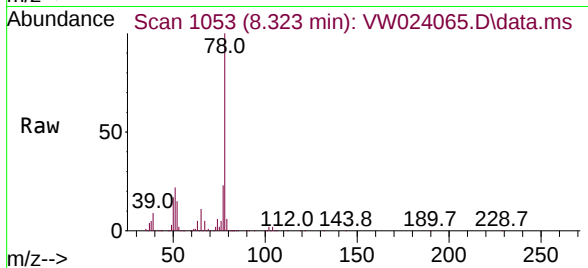
Instrument :

MSVOA_W

ClientSampleId :

VSTD025506

Tgt Ion: 78 Resp: 390443



#34

Trichloroethene

Concen: 25.007 ug/L

RT: 9.086 min Scan# 1178

Delta R.T. -0.006 min

Lab File: VW024065.D

Acq: 25 Jul 2022 11:36

Tgt Ion: 95 Resp: 98060

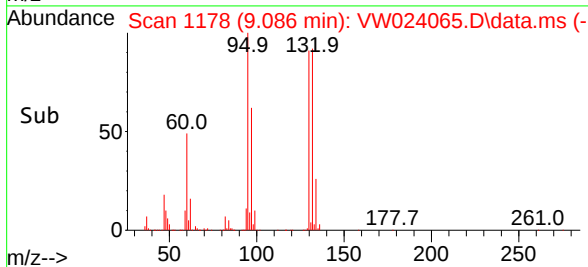
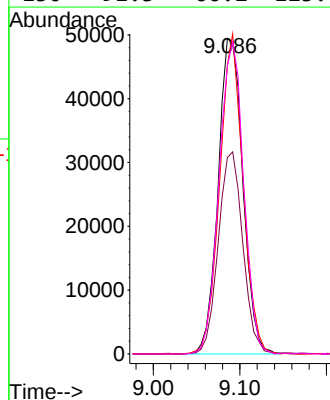
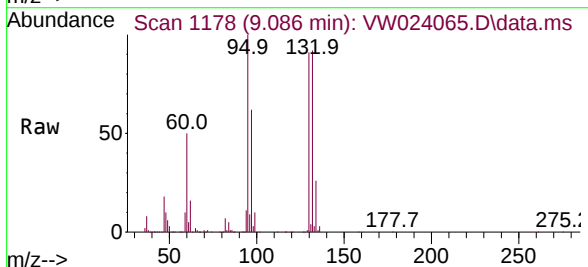
Ion Ratio Lower Upper

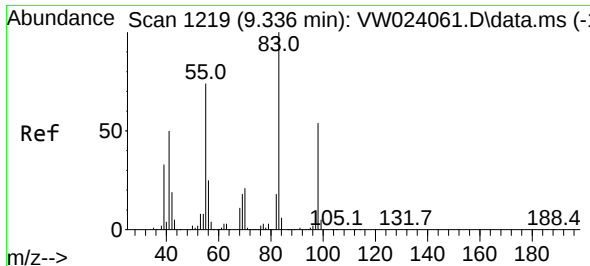
95 100

97 62.3 46.5 86.3

132 91.7 65.8 122.2

130 91.3 66.2 123.0





#35

Methylcyclohexane

Concen: 27.225 ug/L

RT: 9.329 min Scan# 1218

Delta R.T. -0.006 min

Lab File: VW024065.D

Acq: 25 Jul 2022 11:36

Instrument :

MSVOA_W

ClientSampleId :

VSTD025506

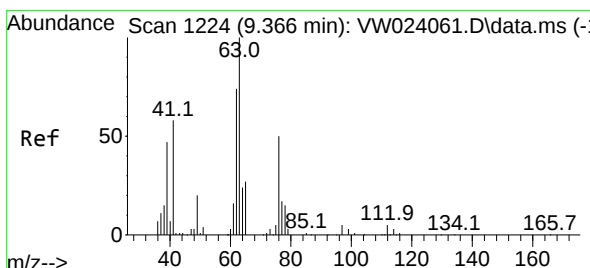
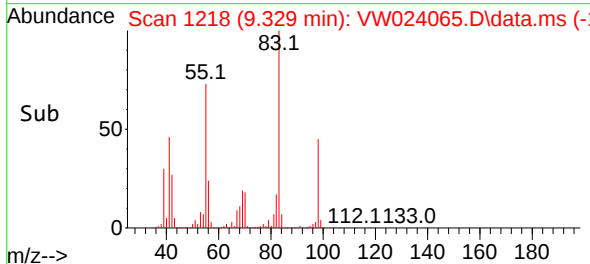
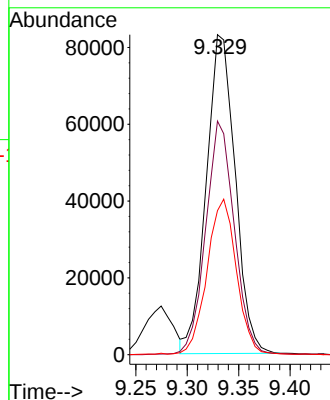
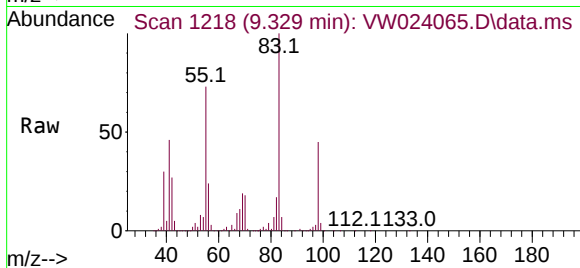
Tgt Ion: 83 Resp: 162190

Ion Ratio Lower Upper

83 100

55 72.9 57.3 85.9

98 49.8 38.9 58.3



#37

1,2-Dichloropropane

Concen: 25.867 ug/L

RT: 9.366 min Scan# 1224

Delta R.T. -0.000 min

Lab File: VW024065.D

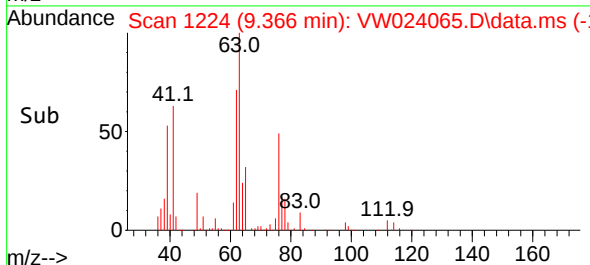
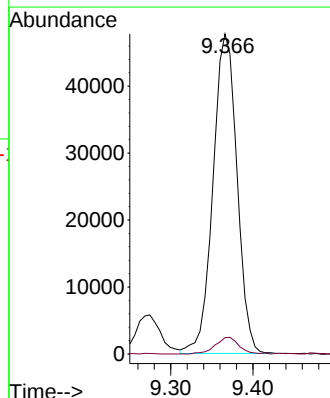
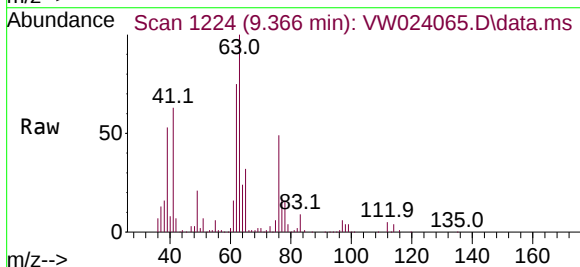
Acq: 25 Jul 2022 11:36

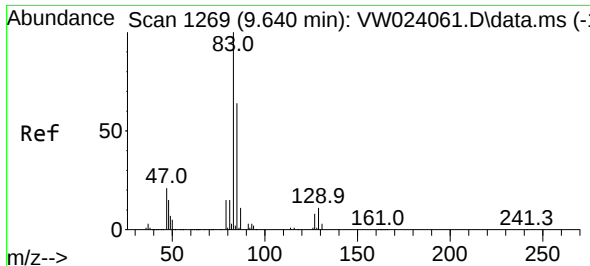
Tgt Ion: 63 Resp: 96840

Ion Ratio Lower Upper

63 100

112 5.1 3.9 5.9

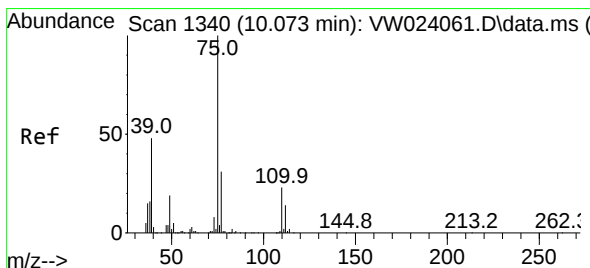
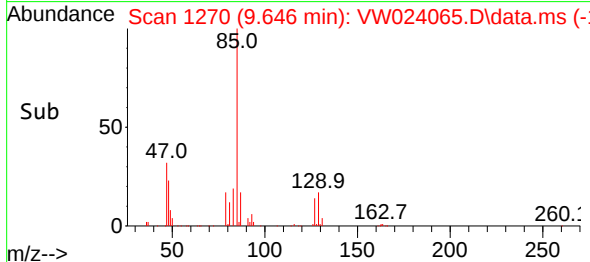
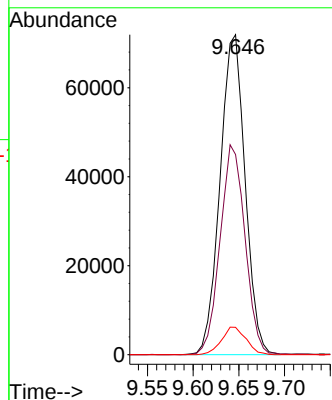
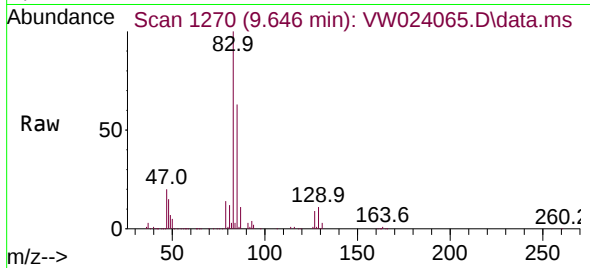




#38
Bromodichloromethane
Concen: 25.715 ug/L
RT: 9.646 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW024065.D
Acq: 25 Jul 2022 11:36

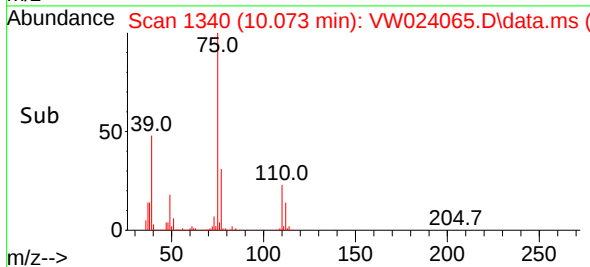
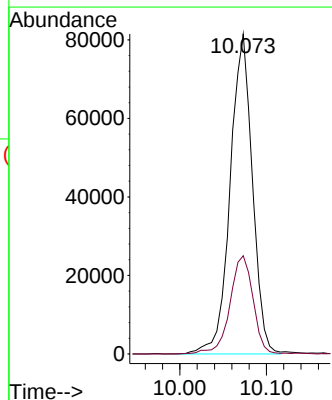
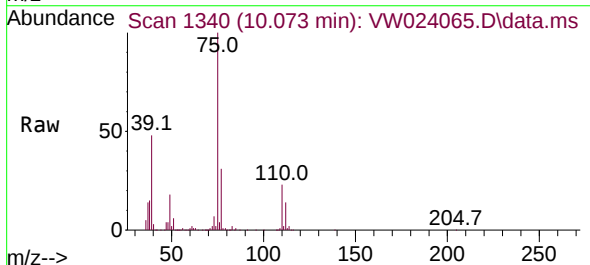
Instrument :
MSVOA_W
ClientSampleId :
VSTD025506

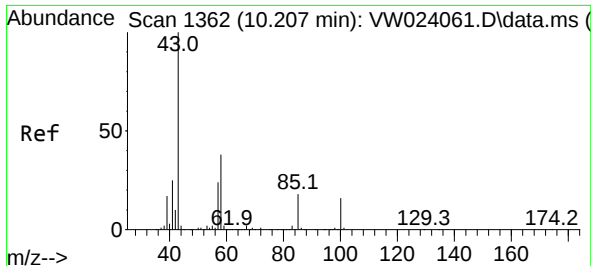
Tgt Ion: 83 Resp: 137255
Ion Ratio Lower Upper
83 100
85 62.5 45.1 83.7
127 8.5 6.4 9.6



#39
cis-1,3-Dichloropropene
Concen: 26.624 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VW024065.D
Acq: 25 Jul 2022 11:36

Tgt Ion: 75 Resp: 145216
Ion Ratio Lower Upper
75 100
77 30.7 21.8 40.6

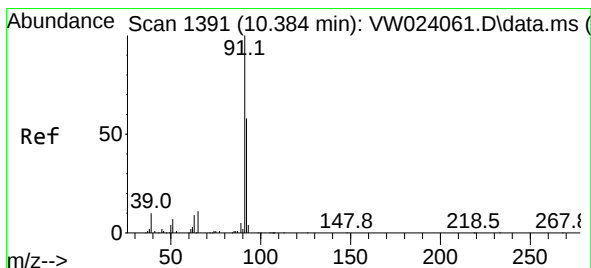
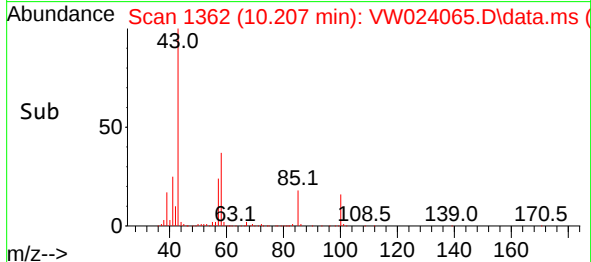
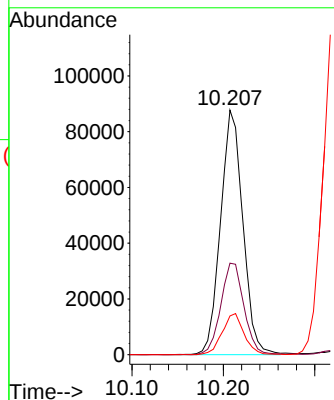
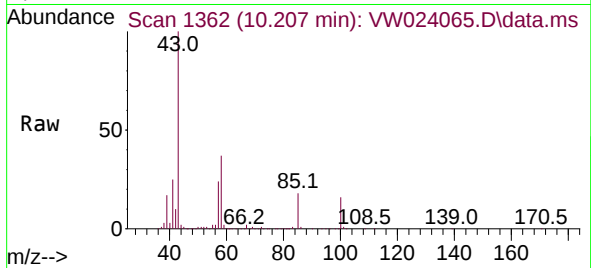




#40
4-Methyl-2-pentanone
Concen: 57.323 ug/L
RT: 10.207 min Scan# 1362
Delta R.T. -0.000 min
Lab File: VW024065.D
Acq: 25 Jul 2022 11:36

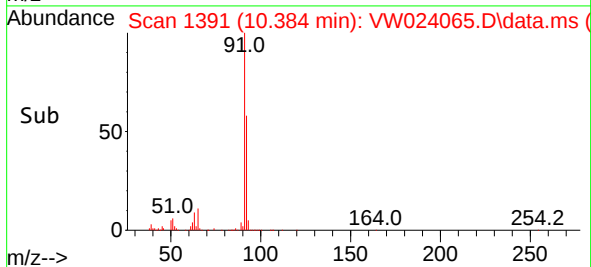
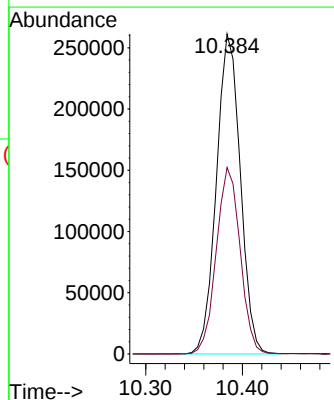
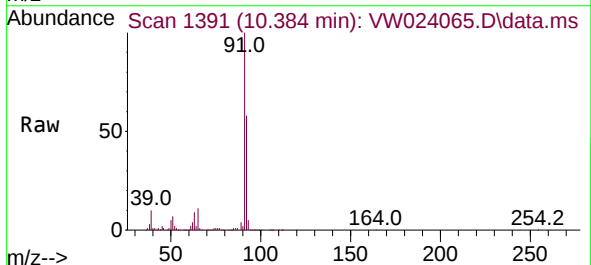
Instrument :
MSVOA_W
ClientSampleId :
VSTD025506

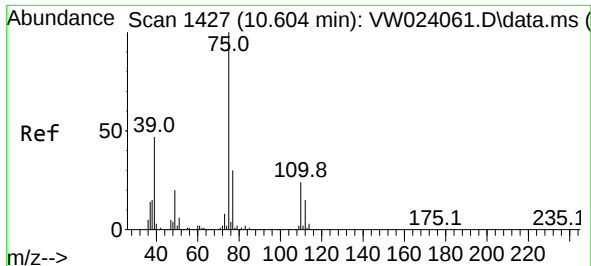
Tgt Ion: 43 Resp: 149330
Ion Ratio Lower Upper
43 100
58 38.8 30.8 46.2
100 16.5 13.0 19.6



#42
Toluene
Concen: 26.778 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.000 min
Lab File: VW024065.D
Acq: 25 Jul 2022 11:36

Tgt Ion: 91 Resp: 448513
Ion Ratio Lower Upper
91 100
92 58.2 40.3 74.9

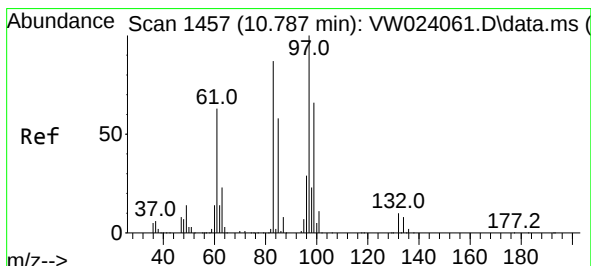
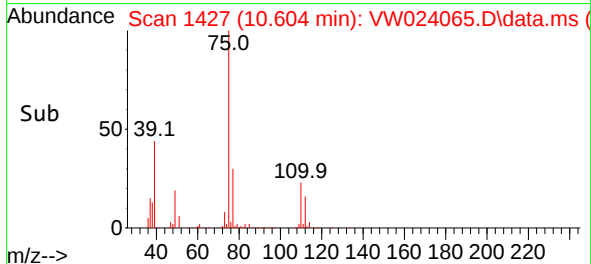
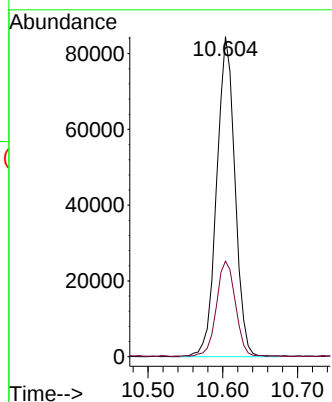
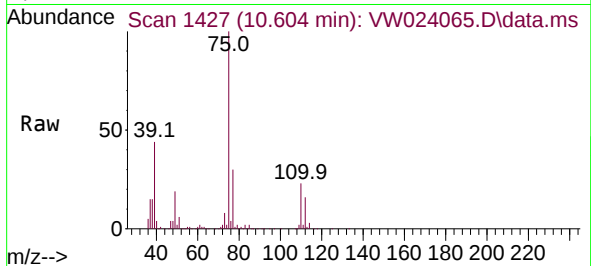




#44
trans-1,3-Dichloropropene
Concen: 27.861 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW024065.D
Acq: 25 Jul 2022 11:36

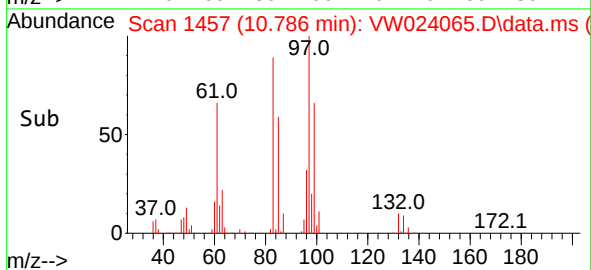
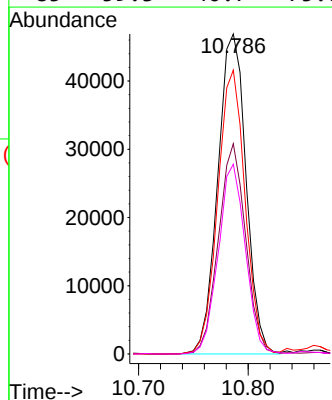
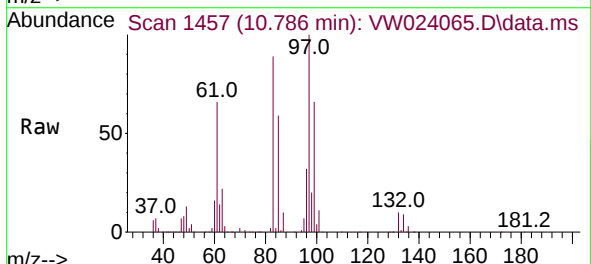
Instrument :
MSVOA_W
ClientSampleId :
VSTD025506

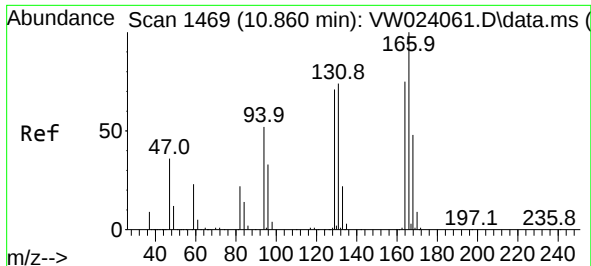
Tgt Ion: 75 Resp: 143912
Ion Ratio Lower Upper
75 100
77 29.9 21.3 39.6



#45
1,1,2-Trichloroethane
Concen: 25.697 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW024065.D
Acq: 25 Jul 2022 11:36

Tgt Ion: 97 Resp: 84040
Ion Ratio Lower Upper
97 100
99 65.7 46.2 85.8
83 88.7 61.2 113.6
85 59.3 40.7 75.7

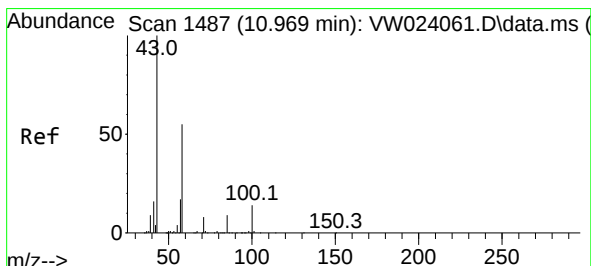
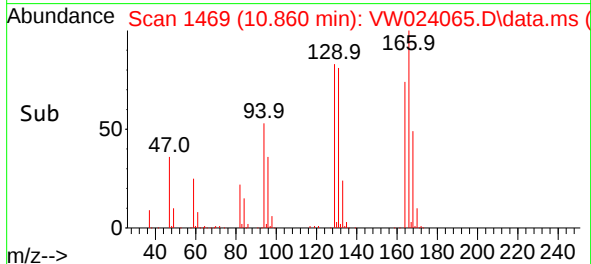
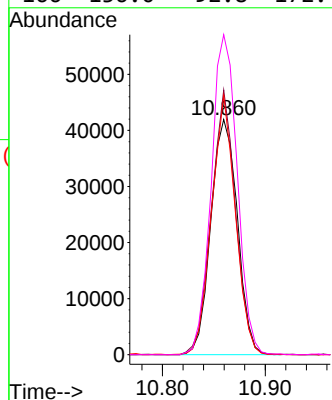
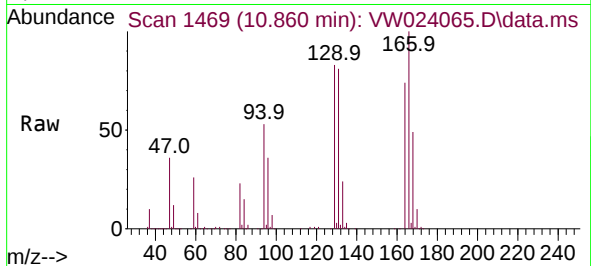




#46
Tetrachloroethene
Concen: 24.423 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW024065.D
Acq: 25 Jul 2022 11:36

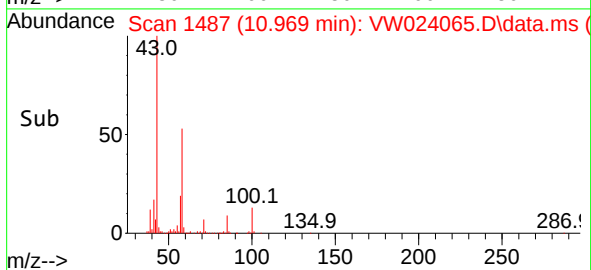
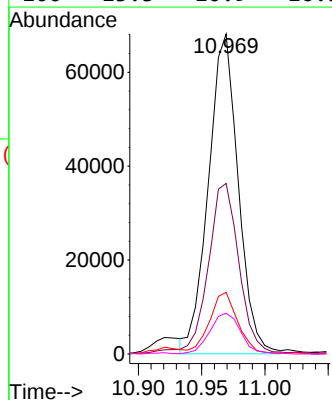
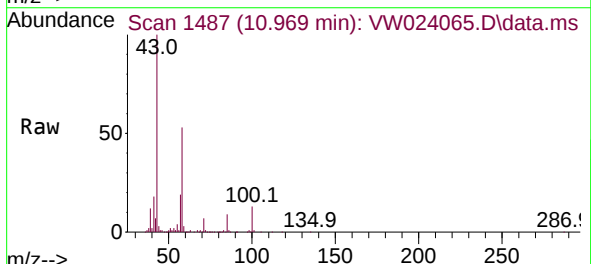
Instrument :
MSVOA_W
ClientSampleId :
VSTD025506

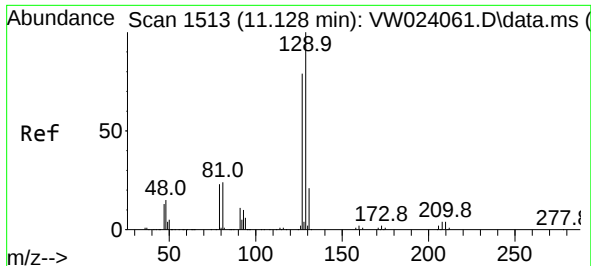
Tgt Ion:164	Resp:	74956
Ion	Ratio	Lower Upper
164	100	
129	112.5	65.7 122.1
131	110.2	69.2 128.4
166	136.0	92.8 172.4



#48
2-Hexanone
Concen: 59.237 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW024065.D
Acq: 25 Jul 2022 11:36

Tgt Ion: 43	Resp:	111831
Ion	Ratio	Lower Upper
43	100	
58	53.3	41.0 61.6
57	18.3	14.5 21.7
100	13.3	10.9 16.3





#49

Dibromochloromethane

Concen: 26.992 ug/L

RT: 11.128 min Scan# 1513

Delta R.T. -0.000 min

Lab File: VW024065.D

Acq: 25 Jul 2022 11:36

Instrument :

MSVOA_W

ClientSampleId :

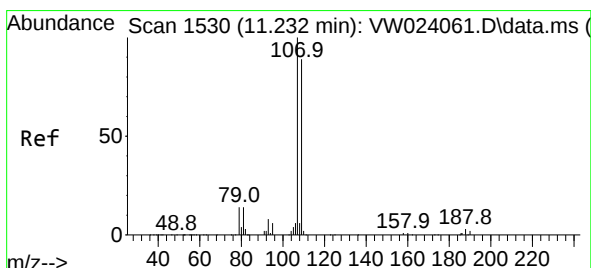
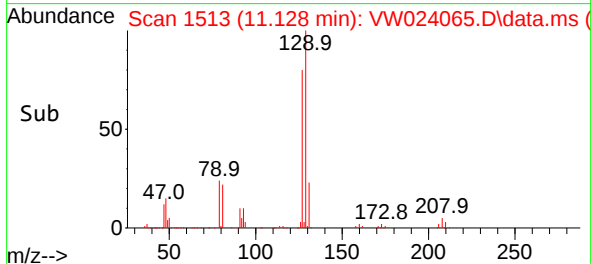
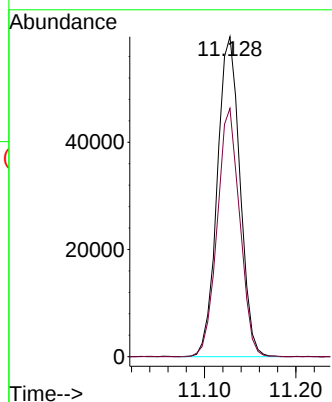
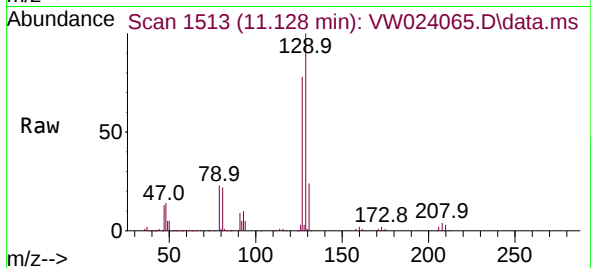
VSTD025506

Tgt Ion:129 Resp: 103147

Ion Ratio Lower Upper

129 100

127 77.6 55.0 102.2



#50

1,2-Dibromoethane

Concen: 27.059 ug/L

RT: 11.232 min Scan# 1530

Delta R.T. -0.000 min

Lab File: VW024065.D

Acq: 25 Jul 2022 11:36

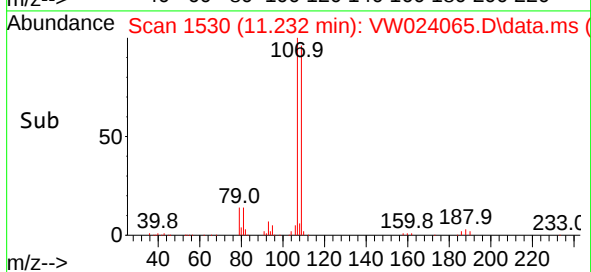
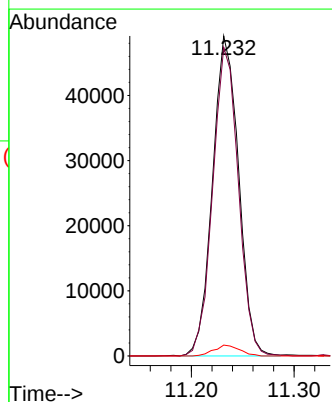
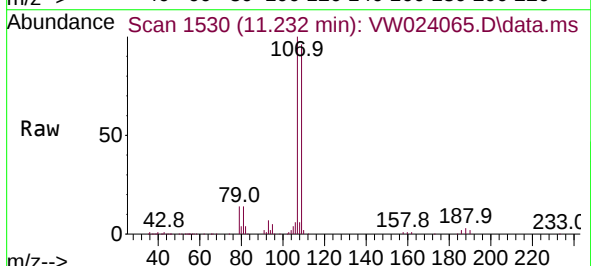
Tgt Ion:107 Resp: 86644

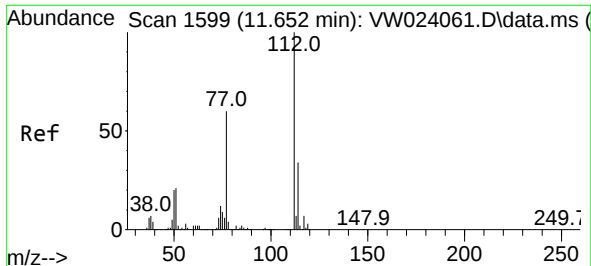
Ion Ratio Lower Upper

107 100

109 96.4 62.2 115.6

188 3.4 2.2 3.2#

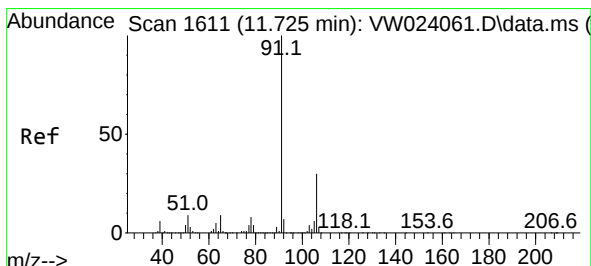
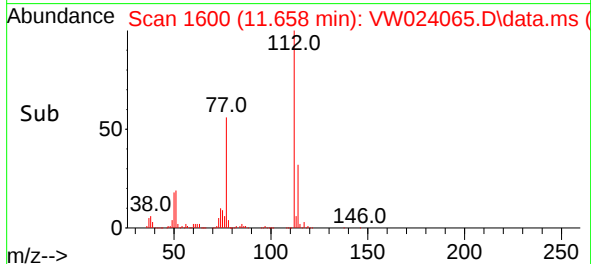
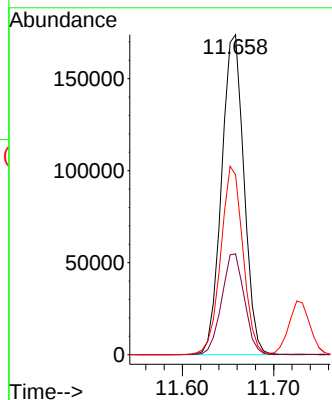
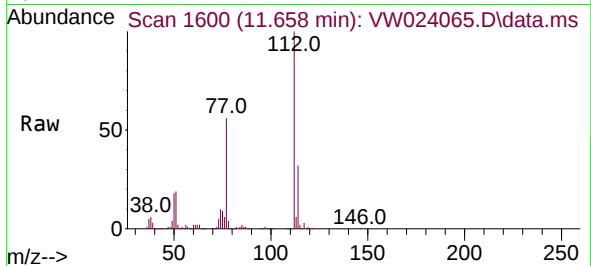




#51
Chlorobenzene
Concen: 26.238 ug/L
RT: 11.658 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW024065.D
Acq: 25 Jul 2022 11:36

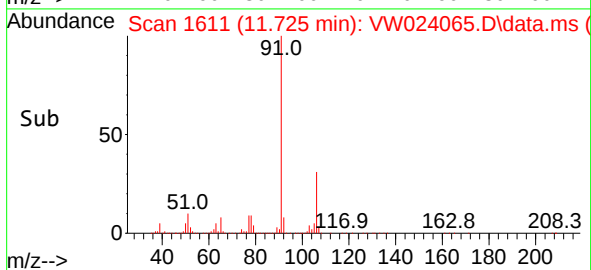
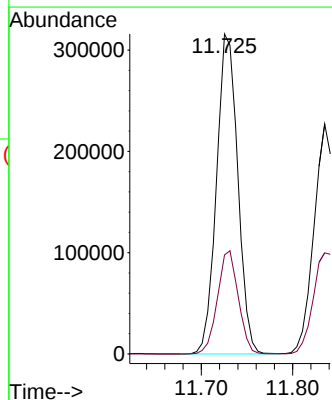
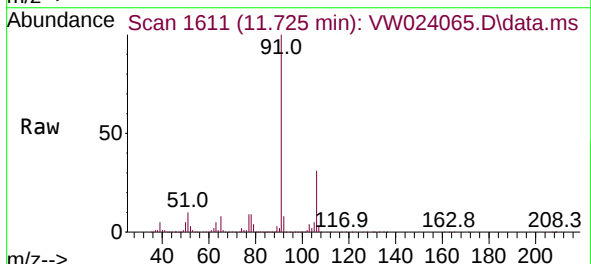
Instrument :
MSVOA_W
ClientSampleId :
VSTD025506

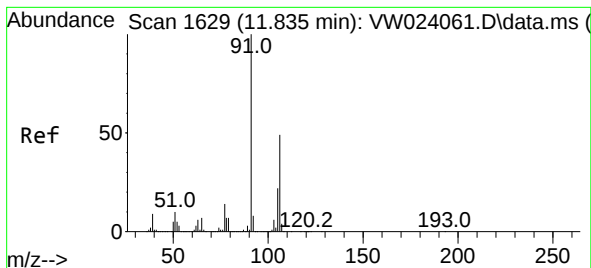
Tgt Ion:112 Resp: 295768
Ion Ratio Lower Upper
112 100
114 31.5 23.7 43.9
77 56.2 48.2 72.2



#52
Ethylbenzene
Concen: 27.742 ug/L
RT: 11.725 min Scan# 1611
Delta R.T. -0.000 min
Lab File: VW024065.D
Acq: 25 Jul 2022 11:36

Tgt Ion: 91 Resp: 512094
Ion Ratio Lower Upper
91 100
106 30.9 21.0 39.0





#53

m,p-Xylene

Concen: 27.539 ug/L

RT: 11.835 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW024065.D

Acq: 25 Jul 2022 11:36

Instrument :

MSVOA_W

ClientSampleId :

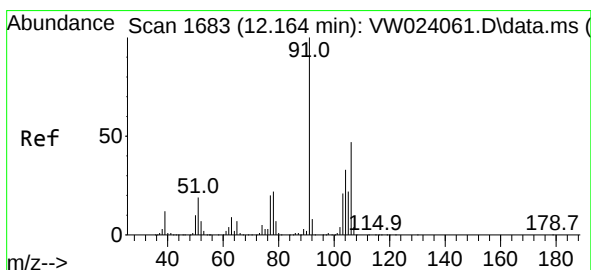
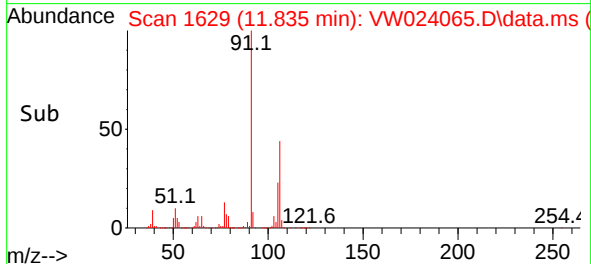
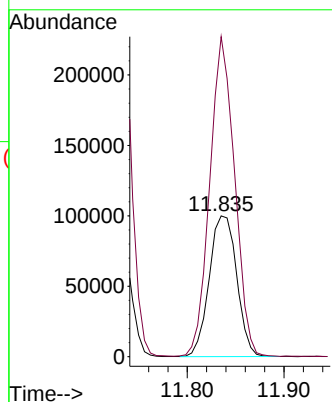
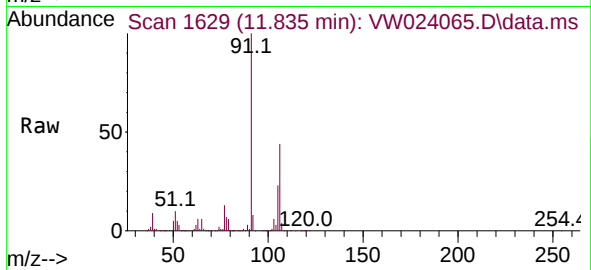
VSTD025506

Tgt Ion:106 Resp: 197307

Ion Ratio Lower Upper

106 100

91 227.4 142.9 265.3



#54

o-Xylene

Concen: 28.584 ug/L

RT: 12.164 min Scan# 1683

Delta R.T. -0.000 min

Lab File: VW024065.D

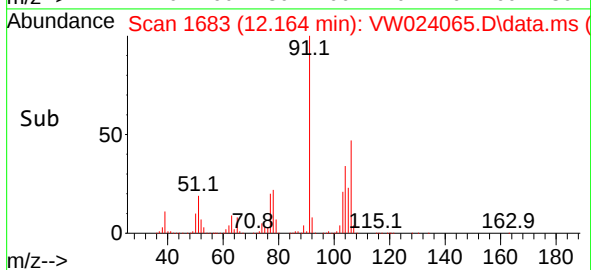
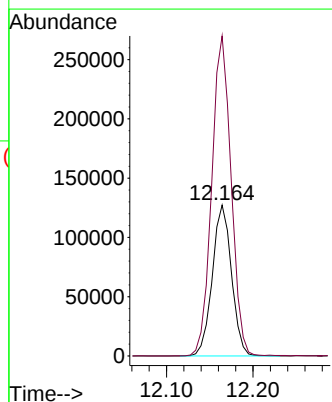
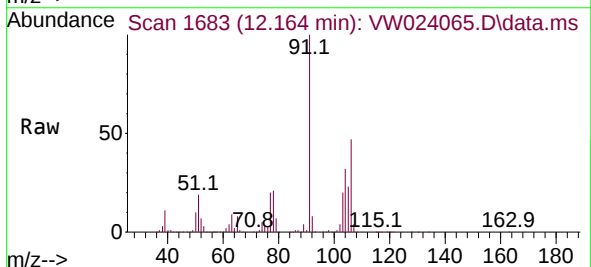
Acq: 25 Jul 2022 11:36

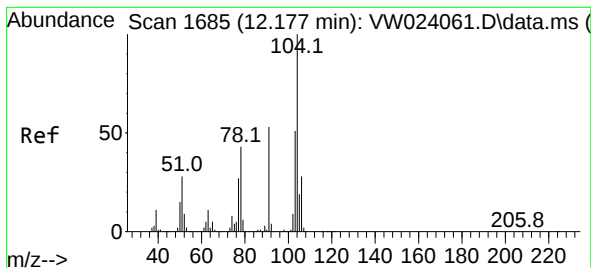
Tgt Ion:106 Resp: 195847

Ion Ratio Lower Upper

106 100

91 212.0 150.6 279.6





#55

Styrene

Concen: 28.557 ug/L

RT: 12.176 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW024065.D

Acq: 25 Jul 2022 11:36

Instrument :

MSVOA_W

ClientSampleId :

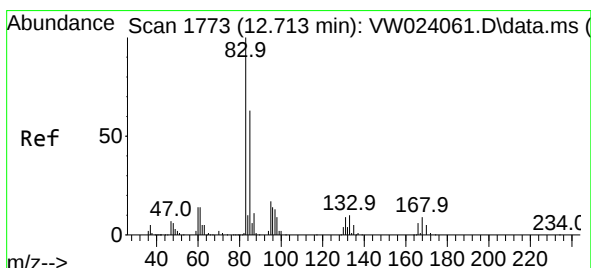
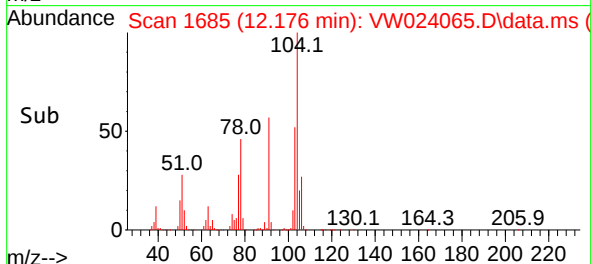
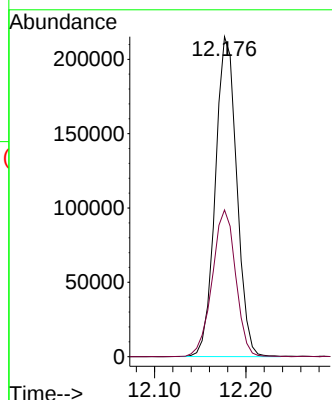
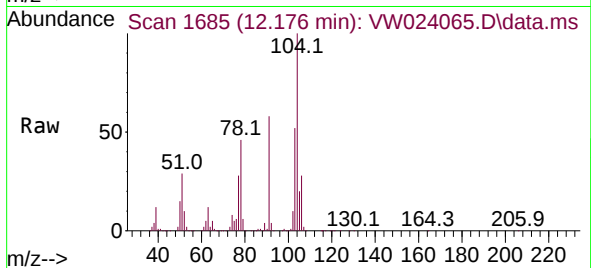
VSTD025506

Tgt Ion:104 Resp: 350526

Ion Ratio Lower Upper

104 100

78 45.8 30.3 56.3



#57

1,1,2,2-Tetrachloroethane

Concen: 26.759 ug/L

RT: 12.713 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VW024065.D

Acq: 25 Jul 2022 11:36

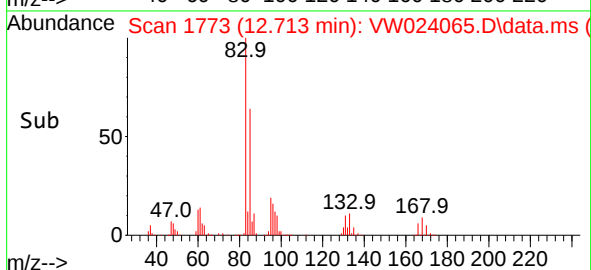
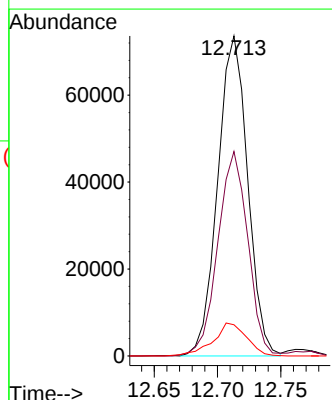
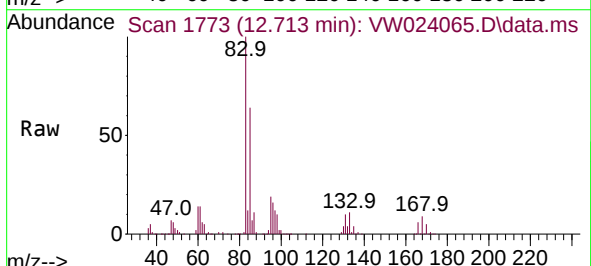
Tgt Ion: 83 Resp: 121289

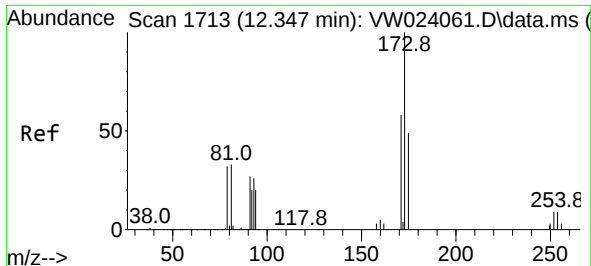
Ion Ratio Lower Upper

83 100

85 63.9 44.4 82.5

131 9.8 7.5 11.3

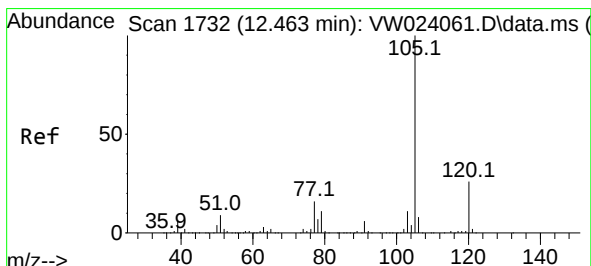
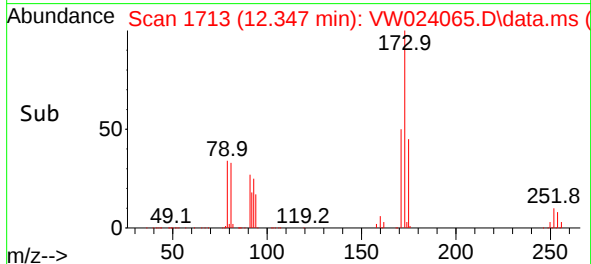
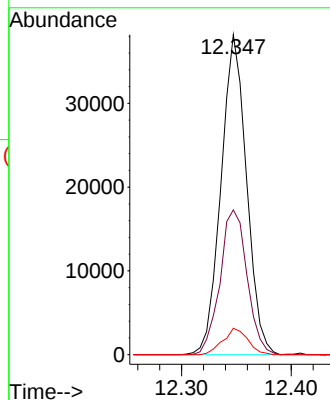
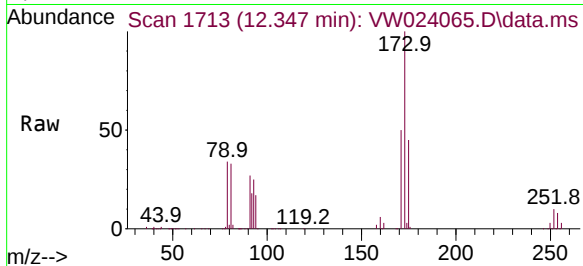




#59
Bromoform
Concen: 26.440 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. -0.000 min
Lab File: VW024065.D
Acq: 25 Jul 2022 11:36

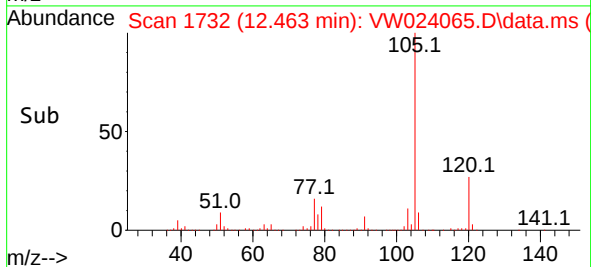
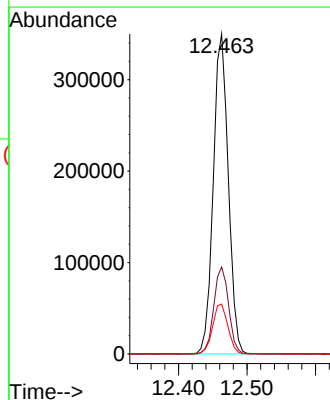
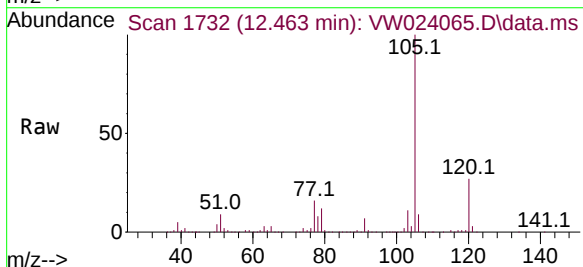
Instrument :
MSVOA_W
ClientSampleId :
VSTD025506

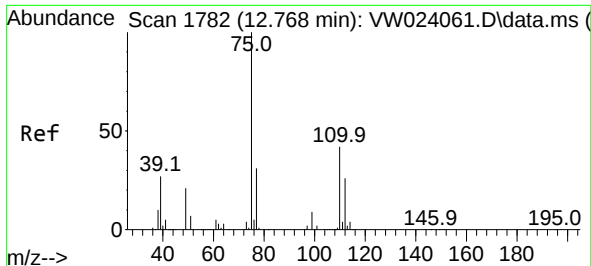
Tgt Ion:173 Resp: 61791
Ion Ratio Lower Upper
173 100
175 48.0 38.4 57.6
254 8.0 7.0 10.4



#60
Isopropylbenzene
Concen: 27.750 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW024065.D
Acq: 25 Jul 2022 11:36

Tgt Ion:105 Resp: 531431
Ion Ratio Lower Upper
105 100
120 26.8 21.1 31.7
77 16.0 12.8 19.2

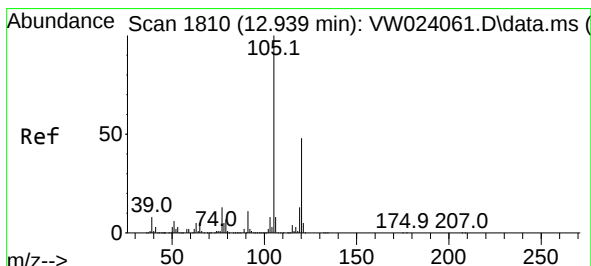
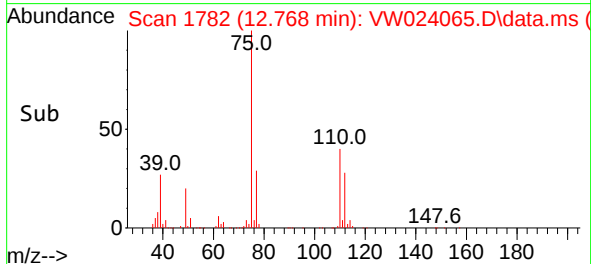
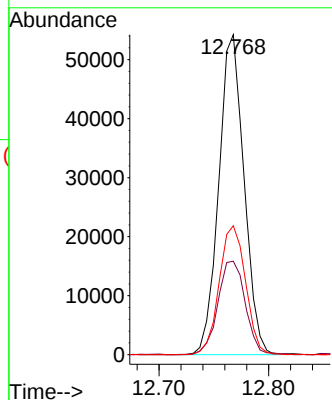
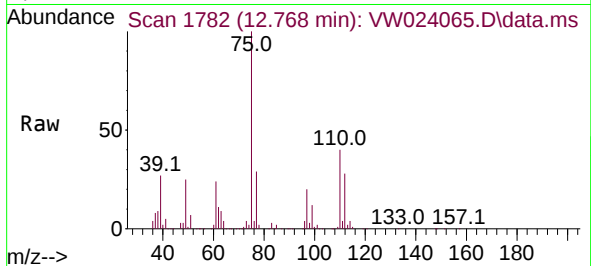




#61
1,2,3-Trichloropropane
Concen: 25.559 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW024065.D
Acq: 25 Jul 2022 11:36

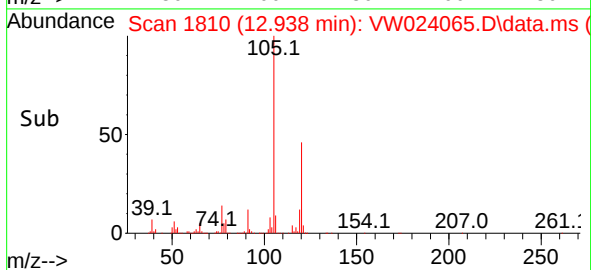
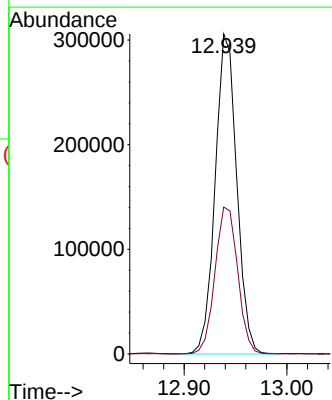
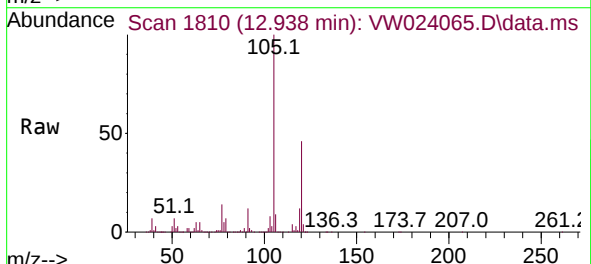
Instrument :
MSVOA_W
ClientSampleId :
VSTD025506

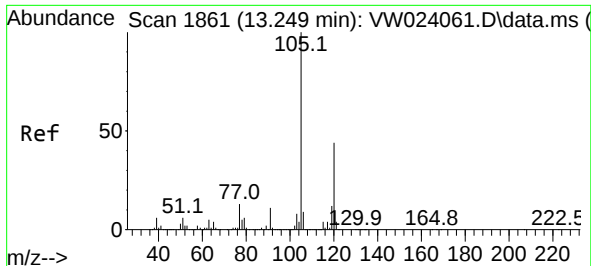
Tgt Ion: 75 Resp: 86857
Ion Ratio Lower Upper
75 100
77 31.7 26.1 39.1
110 42.0 33.0 49.4



#62
1,3,5-Trimethylbenzene
Concen: 28.897 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VW024065.D
Acq: 25 Jul 2022 11:36

Tgt Ion: 105 Resp: 445211
Ion Ratio Lower Upper
105 100
120 48.4 38.1 57.1

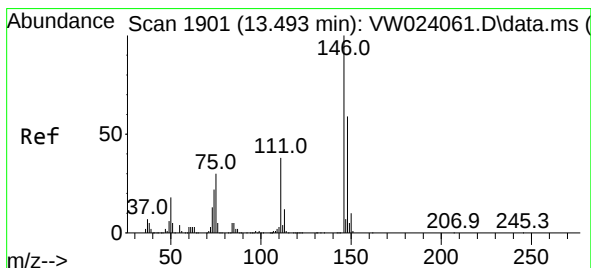
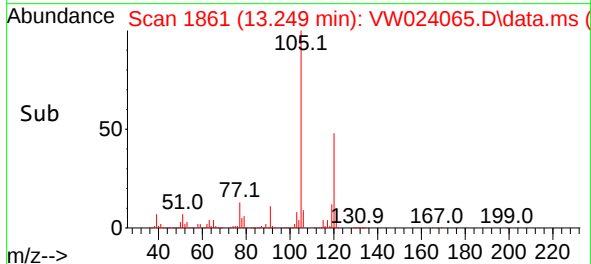
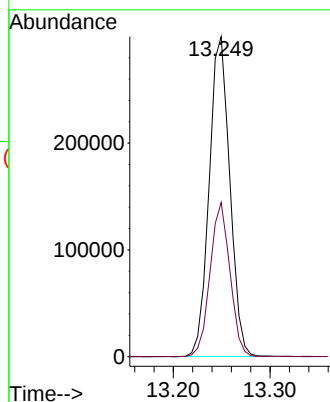
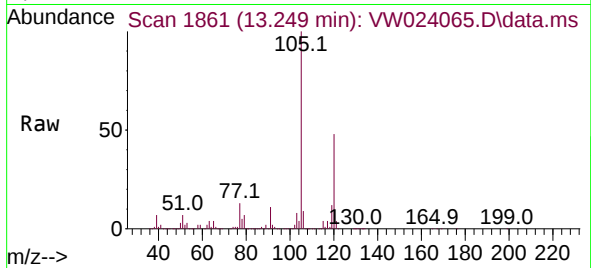




#63
1,2,4-Trimethylbenzene
Concen: 28.482 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW024065.D
Acq: 25 Jul 2022 11:36

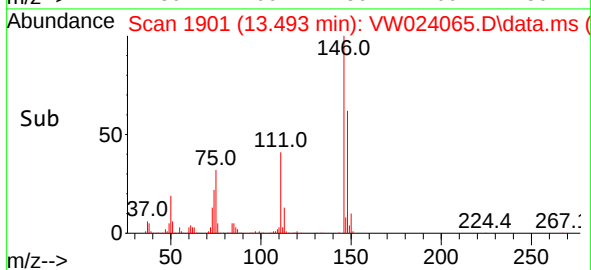
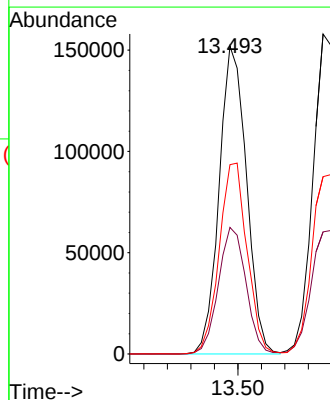
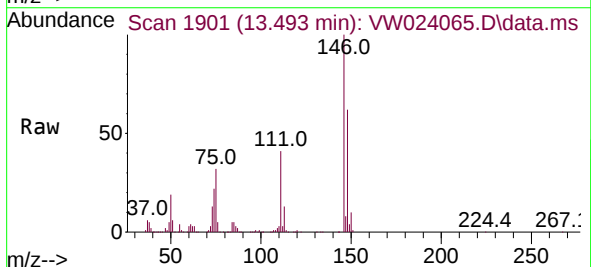
Instrument :
MSVOA_W
ClientSampleId :
VSTD025506

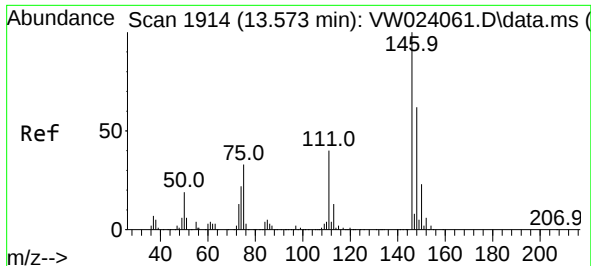
Tgt Ion:105 Resp: 444145
Ion Ratio Lower Upper
105 100
120 46.3 36.1 54.1



#64
1,3-Dichlorobenzene
Concen: 26.830 ug/L
RT: 13.493 min Scan# 1901
Delta R.T. -0.000 min
Lab File: VW024065.D
Acq: 25 Jul 2022 11:36

Tgt Ion:146 Resp: 245740
Ion Ratio Lower Upper
146 100
111 41.1 26.4 49.0
148 61.5 41.4 77.0

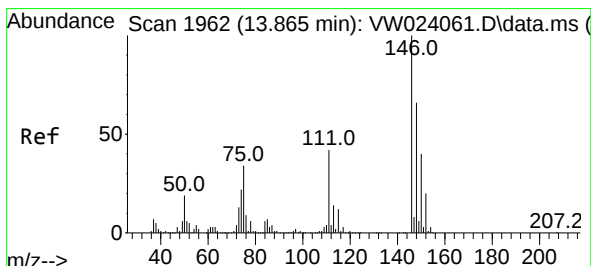
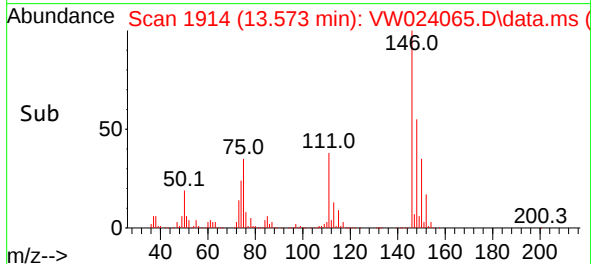
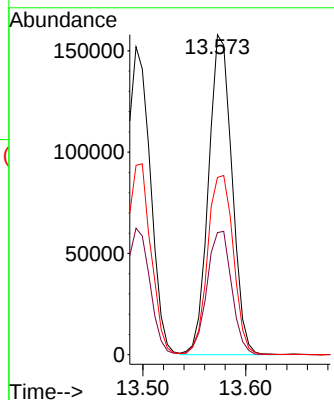
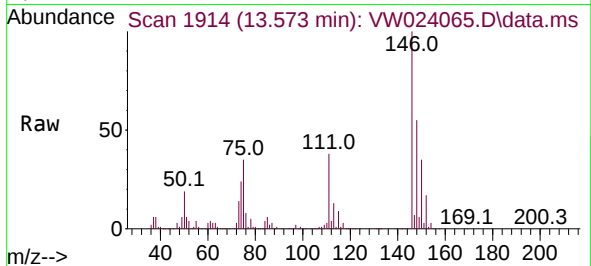




#65
1,4-Dichlorobenzene
Concen: 25.782 ug/L
RT: 13.573 min Scan# 1914
Delta R.T. -0.000 min
Lab File: VW024065.D
Acq: 25 Jul 2022 11:36

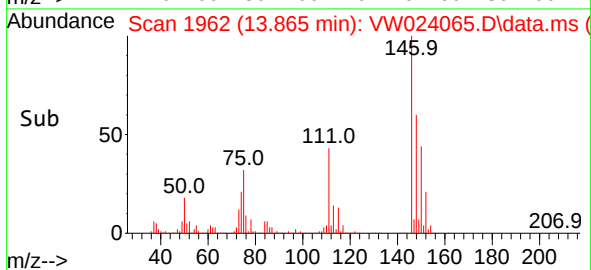
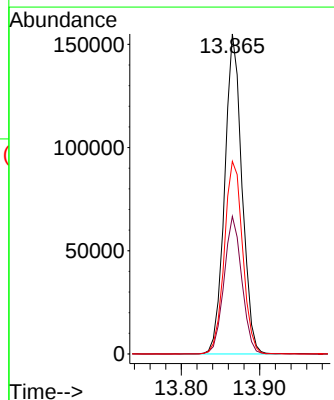
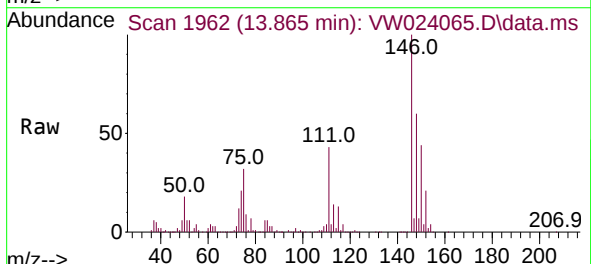
Instrument :
MSVOA_W
ClientSampleId :
VSTD025506

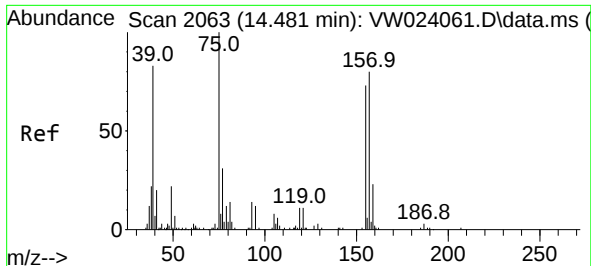
Tgt Ion:146 Resp: 250678
Ion Ratio Lower Upper
146 100
111 38.2 27.9 51.9
148 55.4 43.2 80.2



#67
1,2-Dichlorobenzene
Concen: 27.777 ug/L
RT: 13.865 min Scan# 1962
Delta R.T. -0.000 min
Lab File: VW024065.D
Acq: 25 Jul 2022 11:36

Tgt Ion:146 Resp: 237977
Ion Ratio Lower Upper
146 100
111 43.0 33.9 50.9
148 60.2 53.0 79.6





#68

1,2-Dibromo-3-chloropropane

Concen: 26.068 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW024065.D

Acq: 25 Jul 2022 11:36

Instrument :

MSVOA_W

ClientSampleId :

VSTD025506

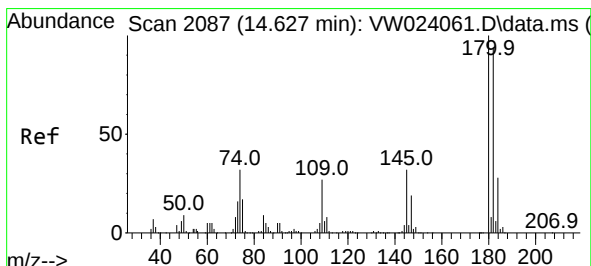
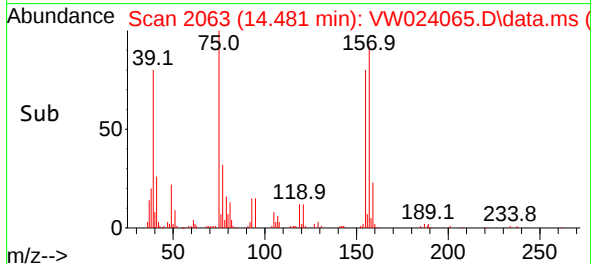
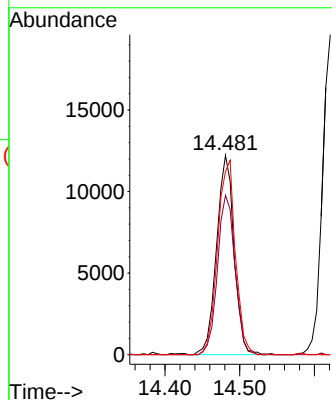
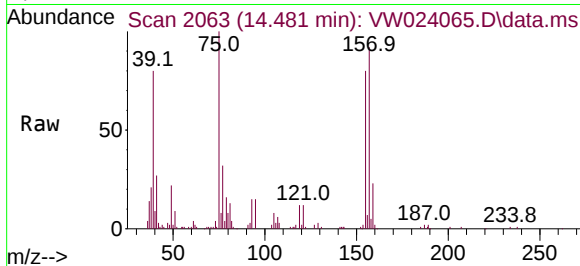
Tgt Ion: 75 Resp: 19794

Ion Ratio Lower Upper

75 100

155 79.9 58.6 88.0

157 91.9 64.0 96.0



#69

1,3,5-Trichlorobenzene

Concen: 27.029 ug/L

RT: 14.621 min Scan# 2086

Delta R.T. -0.006 min

Lab File: VW024065.D

Acq: 25 Jul 2022 11:36

Tgt Ion:180 Resp: 157873

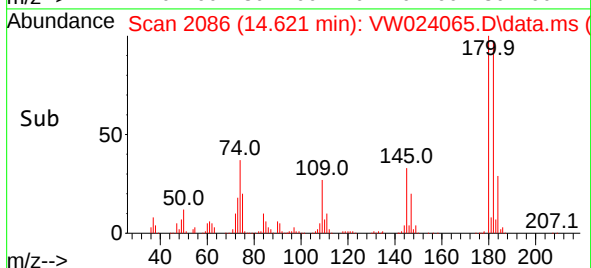
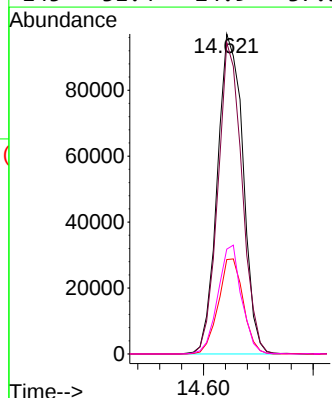
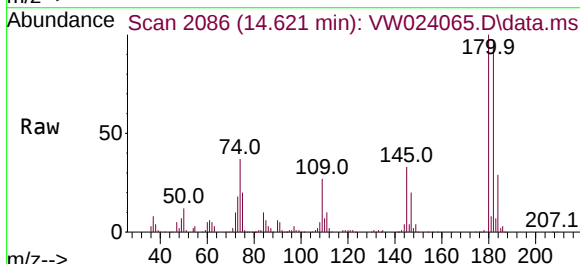
Ion Ratio Lower Upper

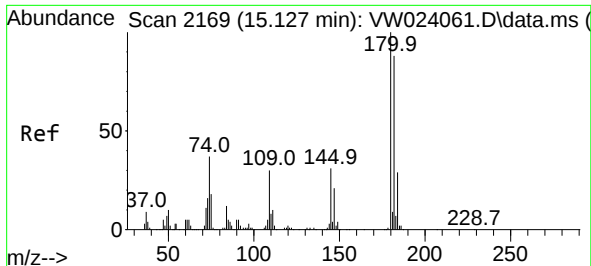
180 100

182 91.1 73.9 110.9

184 28.8 23.5 35.3

145 31.4 24.9 37.3





#70

1,2,4-trichlorobenzene

Concen: 27.571 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. -0.000 min

Lab File: VW024065.D

Acq: 25 Jul 2022 11:36

Instrument :

MSVOA_W

ClientSampleId :

VSTD025506

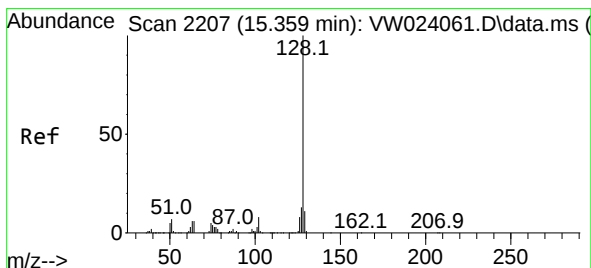
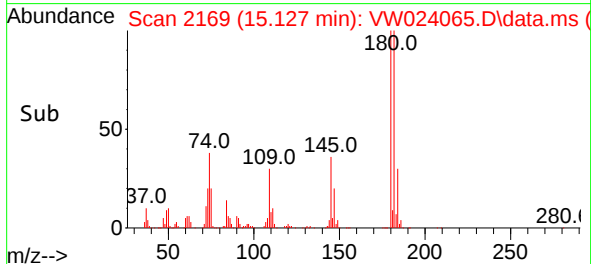
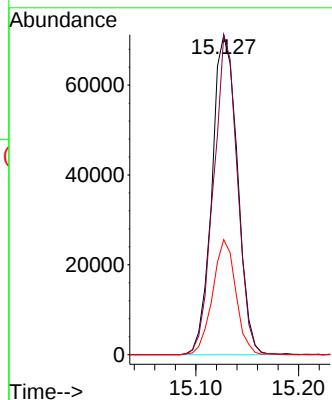
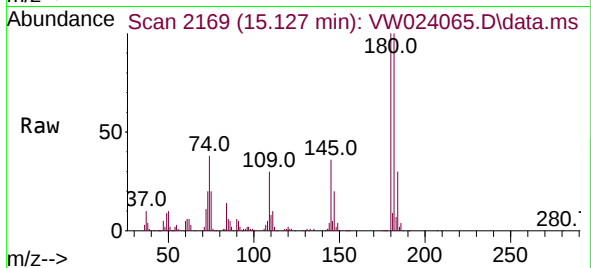
Tgt Ion:180 Resp: 122019

Ion Ratio Lower Upper

180 100

182 93.5 72.0 108.0

145 32.8 24.9 37.3



#71

Naphthalene

Concen: 31.978 ug/L

RT: 15.359 min Scan# 2207

Delta R.T. -0.000 min

Lab File: VW024065.D

Acq: 25 Jul 2022 11:36

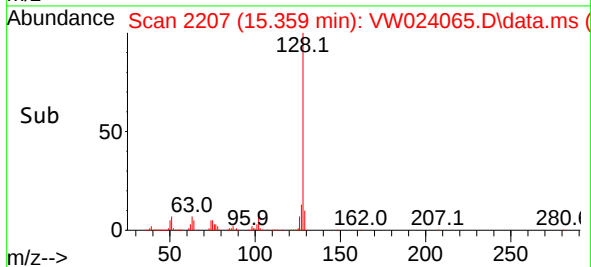
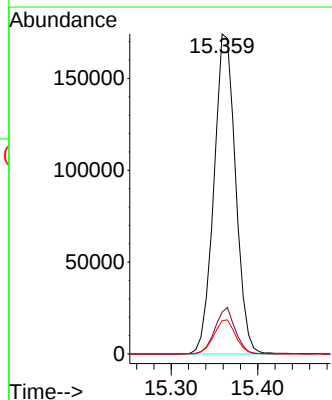
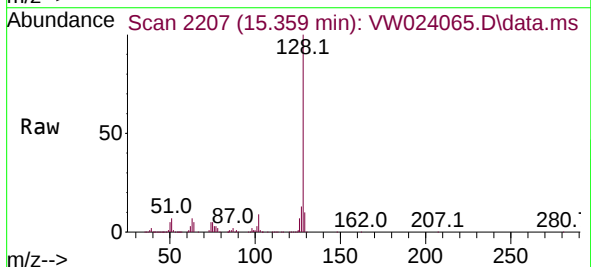
Tgt Ion:128 Resp: 302836

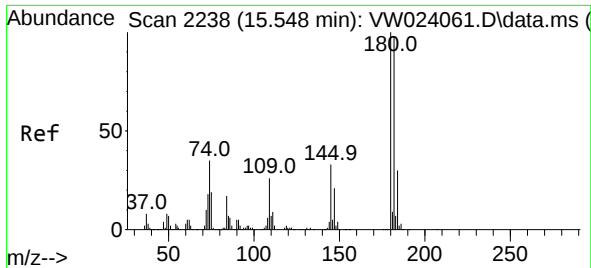
Ion Ratio Lower Upper

128 100

127 13.6 11.0 16.4

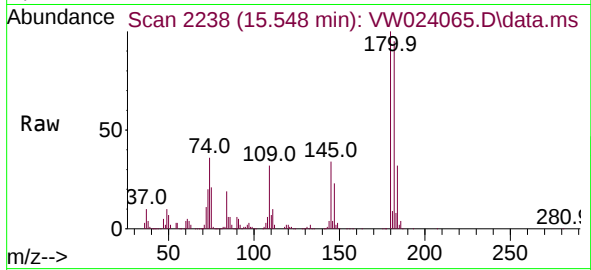
129 10.7 9.3 13.9





#72
 1,2,3-Trichlorobenzene
 Concen: 28.099 ug/L
 RT: 15.548 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW024065.D
 Acq: 25 Jul 2022 11:36

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025506



Tgt Ion:	180	Resp:	116978
Ion Ratio	Lower	Upper	
180	100		
182	95.9	77.8	116.8
145	34.5	27.6	41.4

