

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081922\
 Data File : VW024297.D
 Acq On : 19 Aug 2022 17:34
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025543

Quant Time: Aug 20 04:11:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Aug 20 00:56:10 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	240508	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	239479	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	143500	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	112667	22.411	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.640%
7) Chloroethane-d5	2.873	69	82282	26.274	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	105.080%
11) 1,1-Dichloroethene-d2	4.007	63	136333	23.796	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	95.200%
21) 2-Butanone-d5	7.080	46	63935	68.359	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	136.720%#
24) Chloroform-d	7.647	84	190750	26.212	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.840%
26) 1,2-Dichloroethane-d4	8.305	65	107553	26.620	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.480%
32) Benzene-d6	8.269	84	329955	23.362	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.440%
36) 1,2-Dichloropropane-d6	9.275	67	103249	24.760	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.040%
41) Toluene-d8	10.323	98	316556	23.979	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.920%
43) trans-1,3-Dichloroprop...	10.573	79	45825	25.089	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	100.360%
47) 2-Hexanone-d5	10.921	63	53324	69.231	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	138.460%#
56) 1,1,2,2-Tetrachloroeth...	12.689	84	119881	29.631	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	118.520%
66) 1,2-Dichlorobenzene-d4	13.853	152	128575	24.485	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.920%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.001	85	57590	27.217	ug/L	97
3) Chloromethane	2.215	50	88615	22.330	ug/L	95
5) Vinyl chloride	2.349	62	145947	26.420	ug/L	97
6) Bromomethane	2.764	94	80209	25.323	ug/L	85
8) Chloroethane	2.910	64	70161	28.995	ug/L	96
9) Trichlorofluoromethane	3.239	101	50765	19.386	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.044	101	96224	27.245	ug/L	96
12) 1,1-Dichloroethene	4.025	96	77018	26.637	ug/L	93
14) Carbon disulfide	4.373	76	191595	20.708	ug/L	97
15) Methyl Acetate	4.666	43	48480	31.257	ug/L	94
16) Methylene chloride	4.909	84	102741	24.224	ug/L	96
17) trans-1,2-Dichloroethene	5.415	96	83538	25.018	ug/L	94
18) Methyl tert-butyl Ether	5.428	73	157740	33.129	ug/L	99
19) 1,1-Dichloroethane	6.214	63	160804	27.339	ug/L	97
20) cis-1,2-Dichloroethene	7.165	96	99531	27.142	ug/L #	92
22) 2-Butanone	7.171	43	71424	61.554	ug/L	99
23) Bromochloromethane	7.513	128	50767	27.798	ug/L	92
25) Chloroform	7.671	83	187688	28.958	ug/L	96
27) 1,2-Dichloroethane	8.397	62	129315	29.651	ug/L	99

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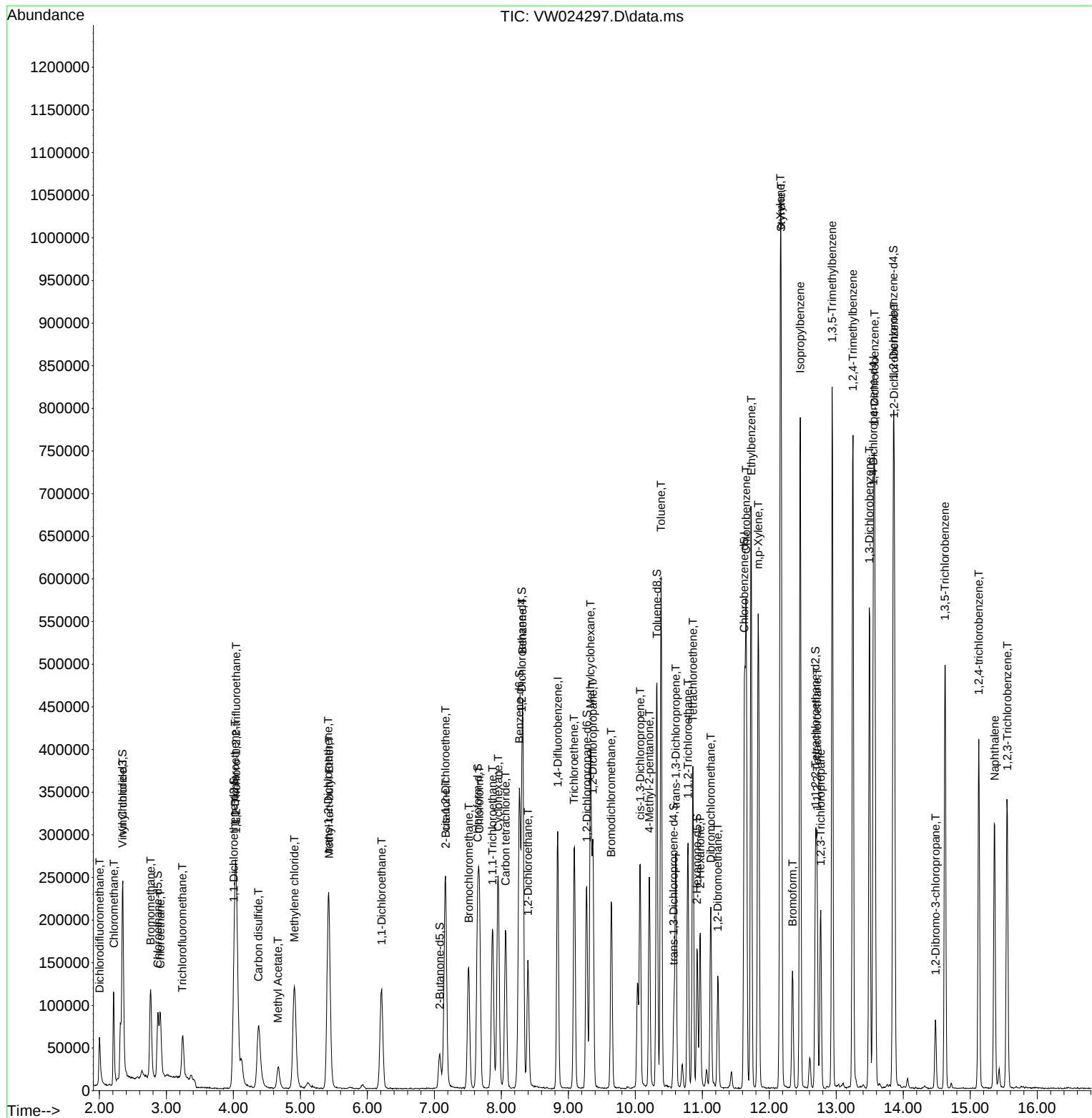
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.952	56	122713	24.994	ug/L	99
30) 1,1,1-Trichloroethane	7.866	97	147377	27.289	ug/L	99
31) Carbon tetrachloride	8.061	117	132986	26.101	ug/L	98
33) Benzene	8.317	78	373637	26.416	ug/L	100
34) Trichloroethene	9.086	95	97400	26.053	ug/L	95
35) Methylcyclohexane	9.329	83	151551	25.851	ug/L	99
37) 1,2-Dichloropropane	9.366	63	98122	28.064	ug/L	100
38) Bromodichloromethane	9.640	83	139645	28.476	ug/L	100
39) cis-1,3-Dichloropropene	10.073	75	146724	28.524	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	153750	66.259	ug/L	99
42) Toluene	10.384	91	411931	27.407	ug/L	99
44) trans-1,3-Dichloropropene	10.604	75	140229	29.835	ug/L	95
45) 1,1,2-Trichloroethane	10.786	97	86246	29.266	ug/L	97
46) Tetrachloroethene	10.860	164	79543	26.281	ug/L	91
48) 2-Hexanone	10.969	43	109463	69.510	ug/L	99
49) Dibromochloromethane	11.128	129	102818	28.981	ug/L	91
50) 1,2-Dibromoethane	11.231	107	82637	29.268	ug/L	96
51) Chlorobenzene	11.652	112	281411	27.403	ug/L	97
52) Ethylbenzene	11.731	91	458519	27.844	ug/L	100
53) m,p-Xylene	11.835	106	175689	27.408	ug/L	97
54) o-Xylene	12.164	106	176272	29.108	ug/L	100
55) Styrene	12.176	104	316866	30.085	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	113391	30.788	ug/L	98
59) Bromoform	12.347	173	60646	27.707	ug/L	98
60) Isopropylbenzene	12.463	105	480732	27.673	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	78871	27.618	ug/L	97
62) 1,3,5-Trimethylbenzene	12.938	105	402155	28.014	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	399181	28.235	ug/L	99
64) 1,3-Dichlorobenzene	13.493	146	224159	26.351	ug/L	94
65) 1,4-Dichlorobenzene	13.573	146	222148	24.662	ug/L	94
67) 1,2-Dichlorobenzene	13.865	146	208034	25.754	ug/L	92
68) 1,2-Dibromo-3-chloropr...	14.481	75	19151	28.702	ug/L	91
69) 1,3,5-Trichlorobenzene	14.621	180	142741	25.590	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	123137	27.566	ug/L	97
71) Naphthalene	15.365	128	258712	29.734	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	108561	26.694	ug/L	98

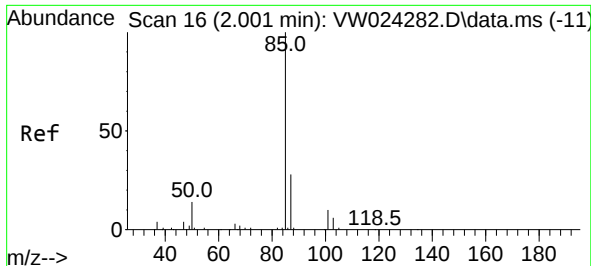
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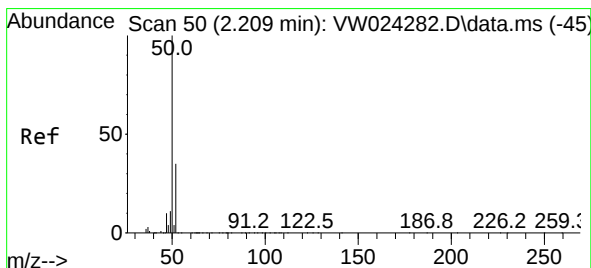
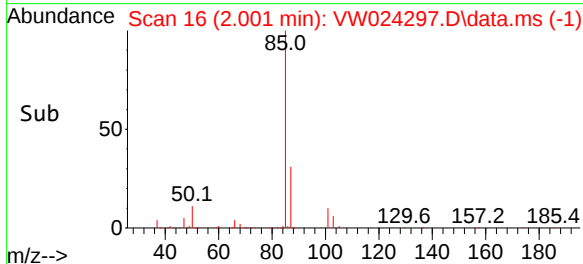
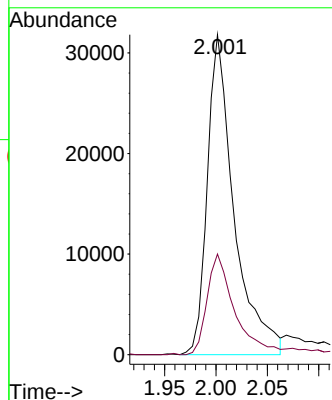
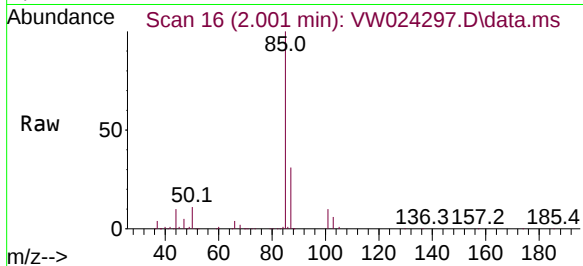




#2
Dichlorodifluoromethane
Concen: 27.217 ug/L
RT: 2.001 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW024297.D
Acq: 19 Aug 2022 17:34

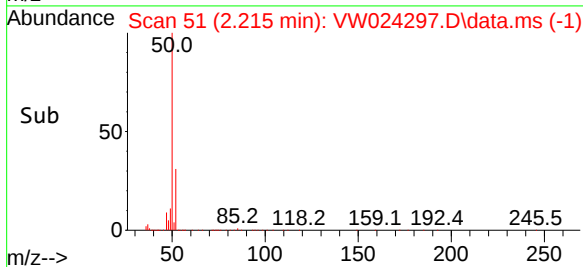
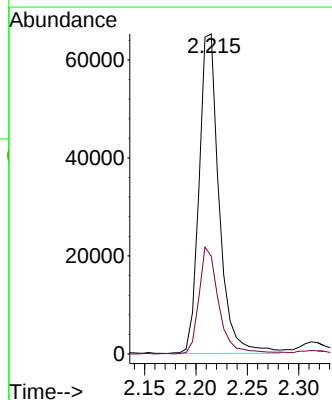
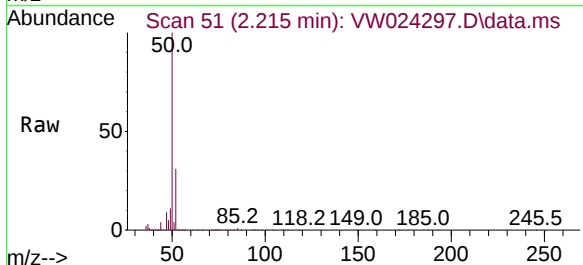
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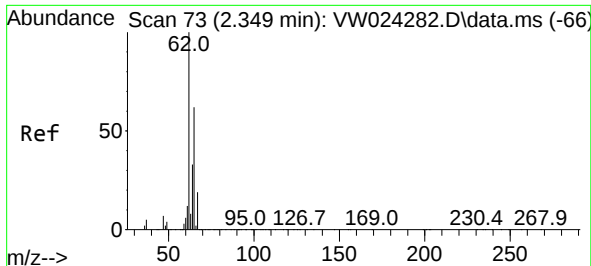
Tgt Ion: 85 Resp: 57590
Ion Ratio Lower Upper
85 100
87 32.3 24.5 36.7



#3
Chloromethane
Concen: 22.330 ug/L
RT: 2.215 min Scan# 51
Delta R.T. 0.006 min
Lab File: VW024297.D
Acq: 19 Aug 2022 17:34

Tgt Ion: 50 Resp: 88615
Ion Ratio Lower Upper
50 100
52 30.5 23.2 43.2

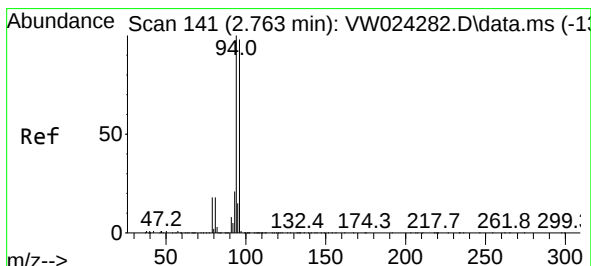
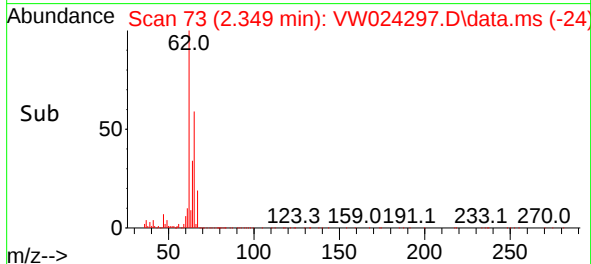
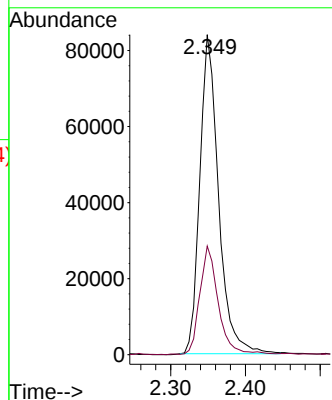
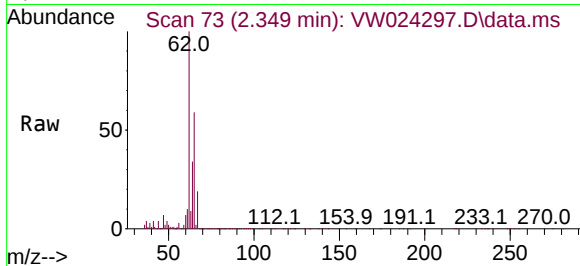




#5
 Vinyl chloride
 Concen: 26.420 ug/L
 RT: 2.349 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VW024297.D
 Acq: 19 Aug 2022 17:34

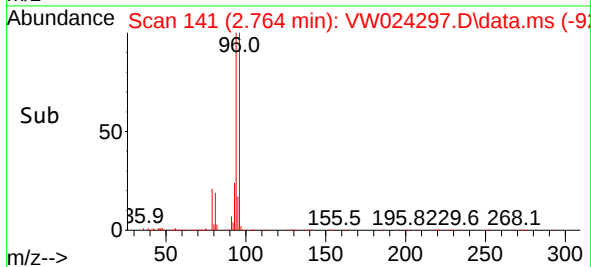
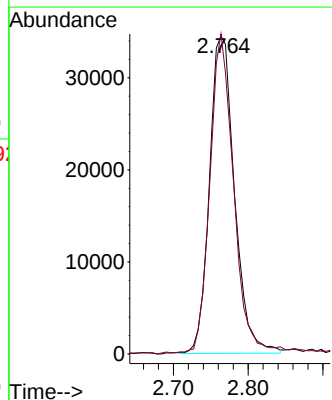
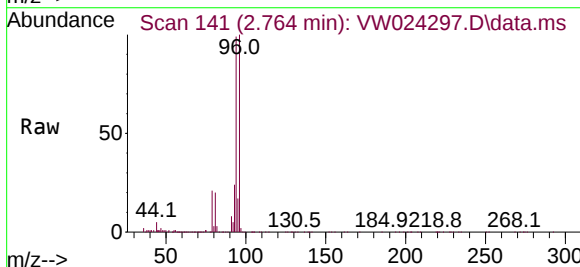
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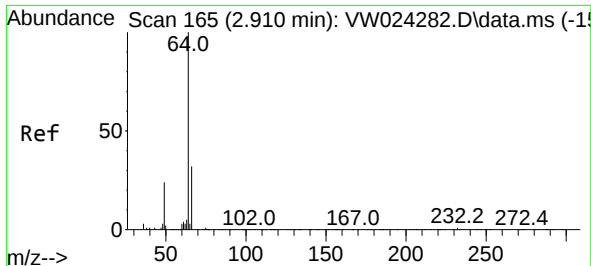
Tgt Ion: 62 Resp: 145947
 Ion Ratio Lower Upper
 62 100
 64 33.9 22.7 42.3



#6
 Bromomethane
 Concen: 25.323 ug/L
 RT: 2.764 min Scan# 141
 Delta R.T. 0.000 min
 Lab File: VW024297.D
 Acq: 19 Aug 2022 17:34

Tgt Ion: 94 Resp: 80209
 Ion Ratio Lower Upper
 94 100
 96 100.6 61.0 113.4

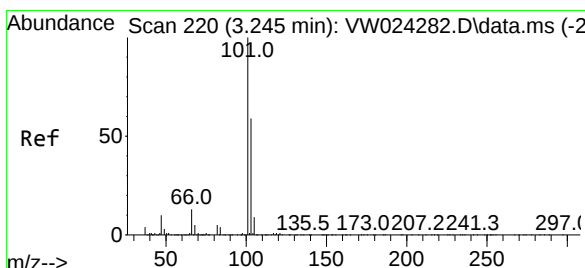
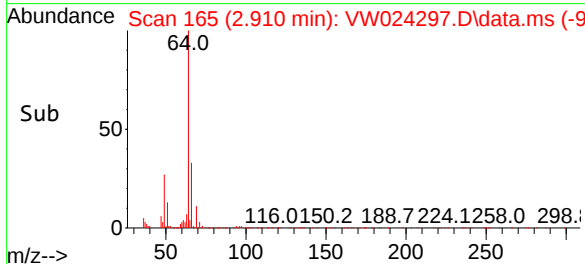
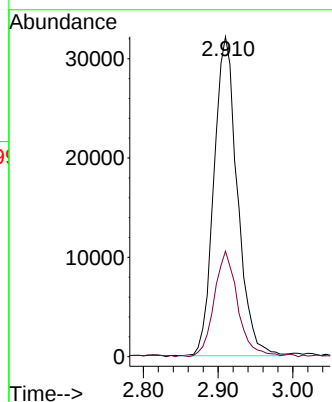
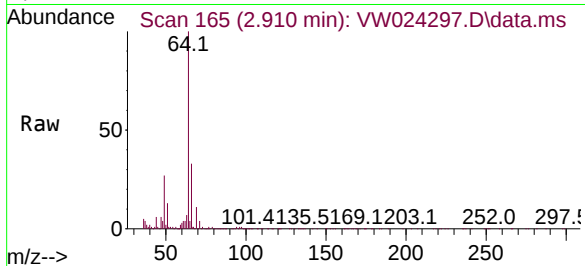




#8
Chloroethane
Concen: 28.995 ug/L
RT: 2.910 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW024297.D
Acq: 19 Aug 2022 17:34

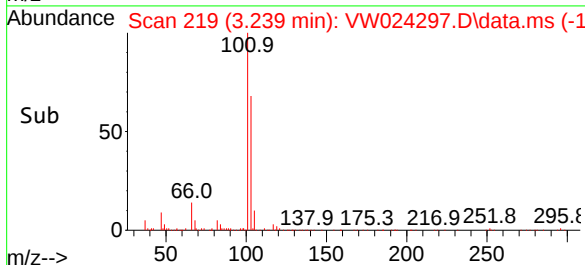
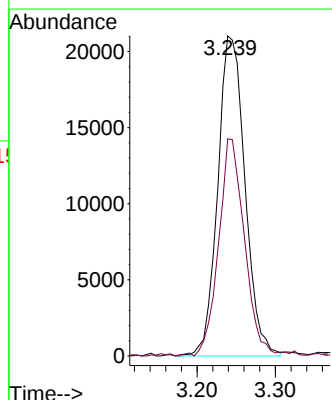
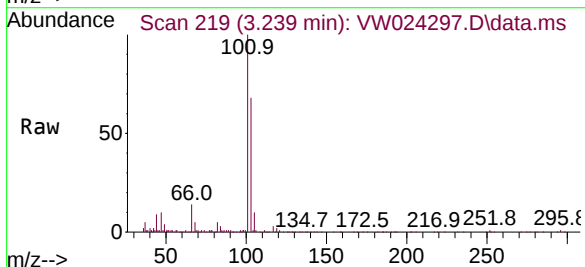
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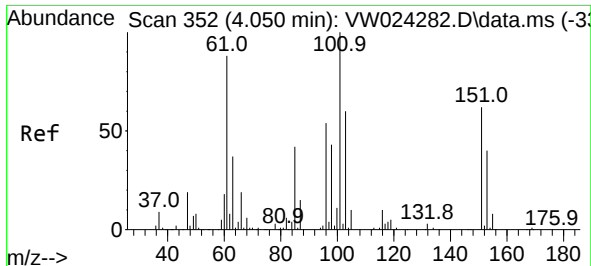
Tgt Ion: 64 Resp: 70161
Ion Ratio Lower Upper
64 100
66 33.0 21.6 40.0



#9
Trichlorofluoromethane
Concen: 19.386 ug/L
RT: 3.239 min Scan# 219
Delta R.T. -0.006 min
Lab File: VW024297.D
Acq: 19 Aug 2022 17:34

Tgt Ion: 101 Resp: 50765
Ion Ratio Lower Upper
101 100
103 64.0 50.5 75.7

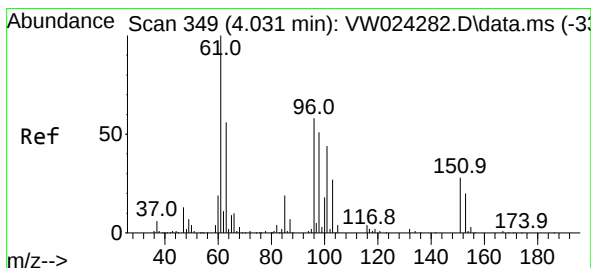
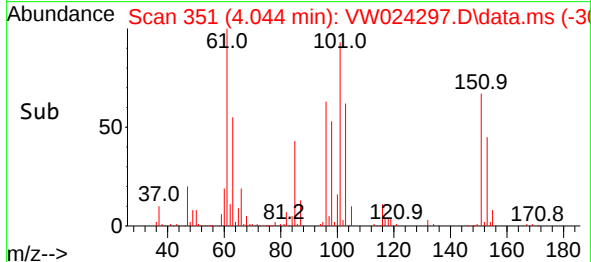
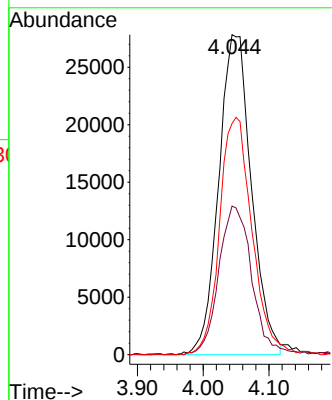
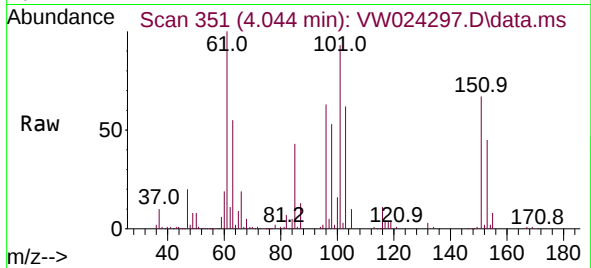




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 27.245 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. -0.006 min
 Lab File: VW024297.D
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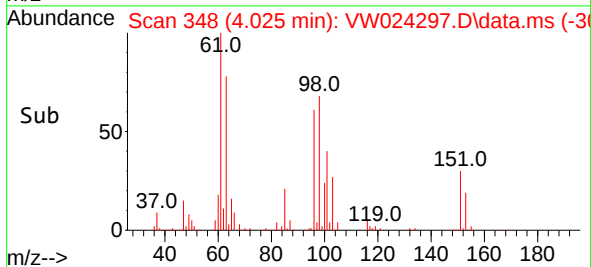
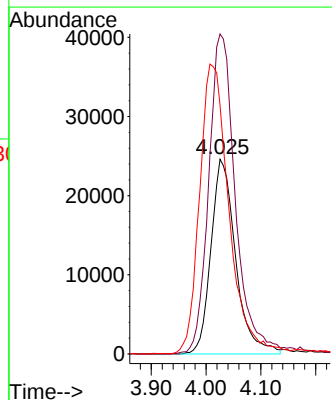
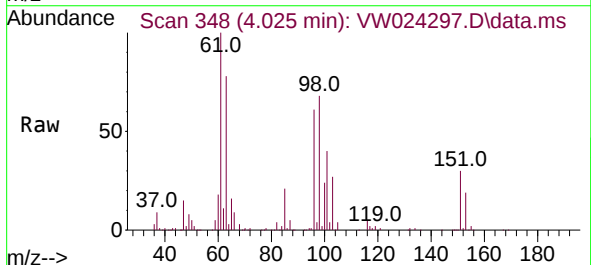
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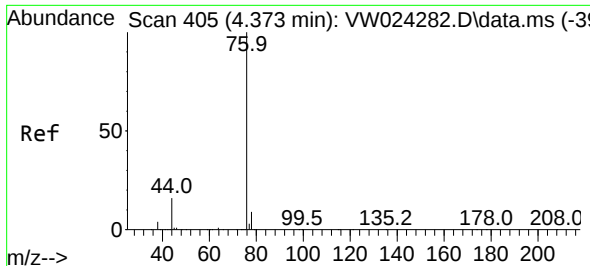
Tgt Ion:101 Resp: 96224
 Ion Ratio Lower Upper
 101 100
 85 46.9 34.9 52.3
 151 73.4 57.0 85.6



#12
 1,1-Dichloroethene
 Concen: 26.637 ug/L
 RT: 4.025 min Scan# 348
 Delta R.T. -0.006 min
 Lab File: VW024297.D
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Tgt Ion: 96 Resp: 77018
 Ion Ratio Lower Upper
 96 100
 61 164.3 123.1 228.5
 63 127.8 84.9 157.7

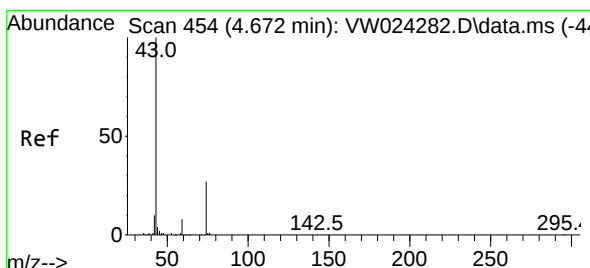
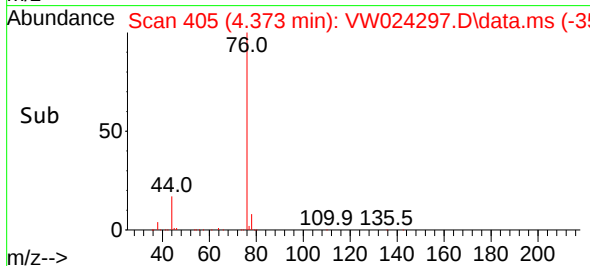
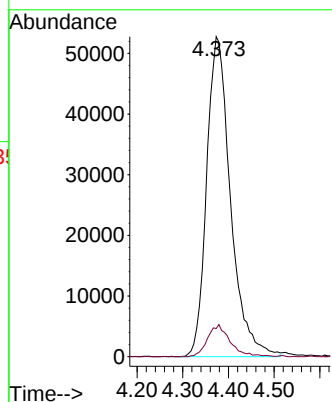
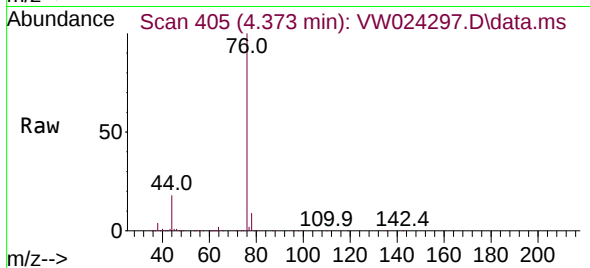




#14
Carbon disulfide
Concen: 20.708 ug/L
RT: 4.373 min Scan# 405
Delta R.T. 0.000 min
Lab File: VW024297.D
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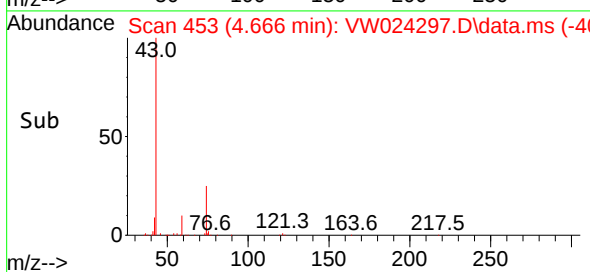
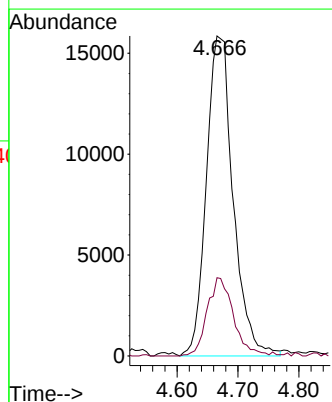
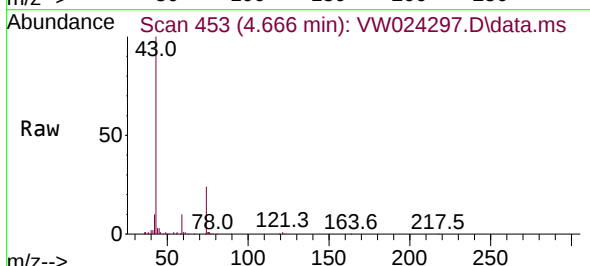
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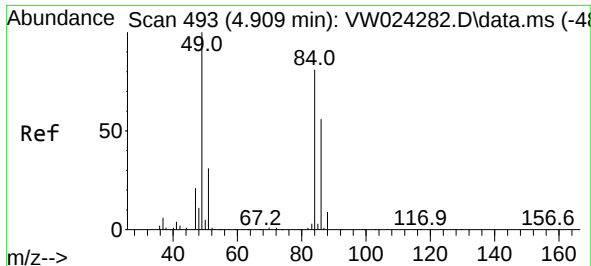
Tgt Ion: 76 Resp: 191595
Ion Ratio Lower Upper
76 100
78 8.8 7.9 11.9



#15
Methyl Acetate
Concen: 31.257 ug/L
RT: 4.666 min Scan# 453
Delta R.T. -0.006 min
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Tgt Ion: 43 Resp: 48480
Ion Ratio Lower Upper
43 100
74 23.9 21.5 32.3

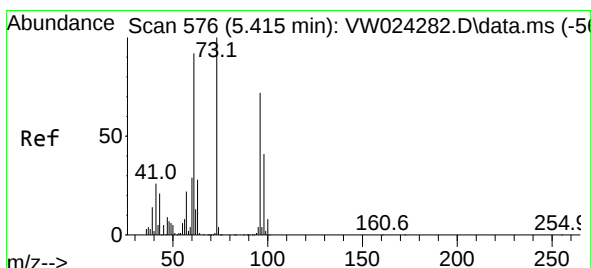
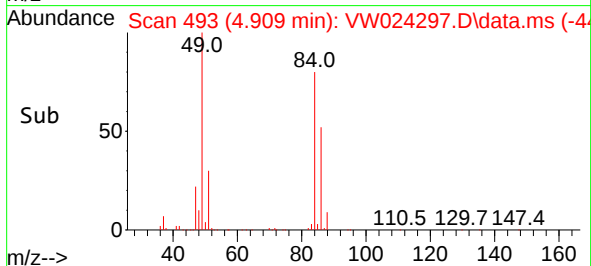
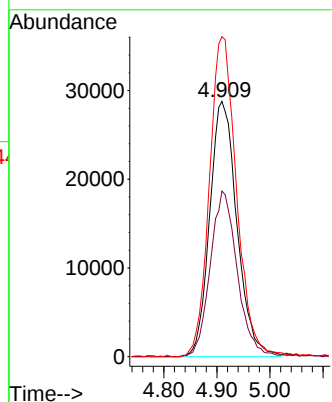
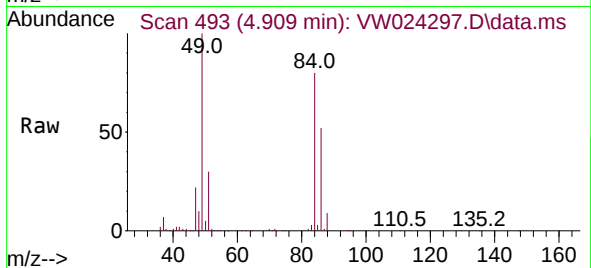




#16
Methylene chloride
Concen: 24.224 ug/L
RT: 4.909 min Scan# 493
Delta R.T. 0.000 min
Lab File: VW024297.D
Acq: 19 Aug 2022 17:34

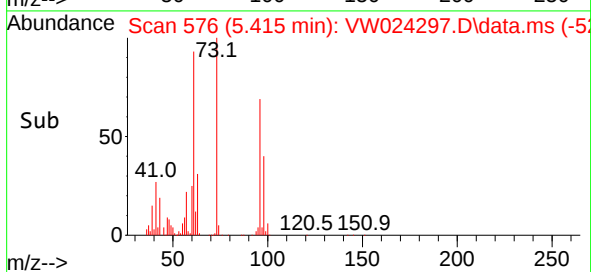
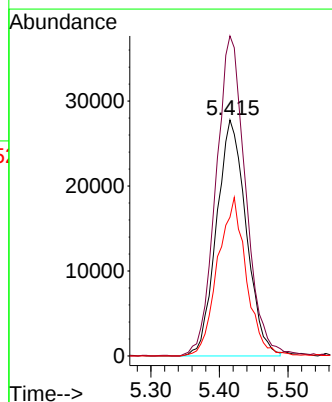
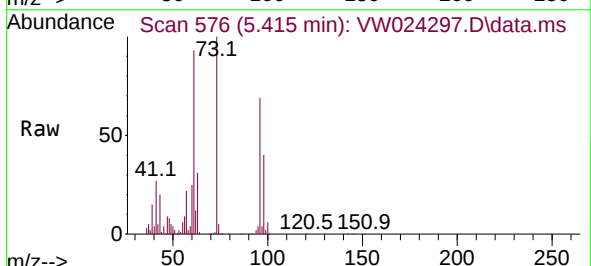
Instrument :
MSVOA_W
ClientSampleId :
VSTD025543

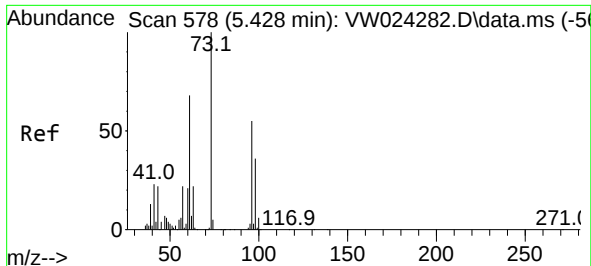
Tgt Ion: 84 Resp: 102741
Ion Ratio Lower Upper
84 100
86 64.9 42.8 79.6
49 125.4 85.3 158.3



#17
trans-1,2-Dichloroethene
Concen: 25.018 ug/L
RT: 5.415 min Scan# 576
Delta R.T. 0.000 min
Lab File: VW024297.D
Acq: 19 Aug 2022 17:34

Tgt Ion: 96 Resp: 83538
Ion Ratio Lower Upper
96 100
61 135.6 93.0 172.8
98 58.8 48.5 90.1

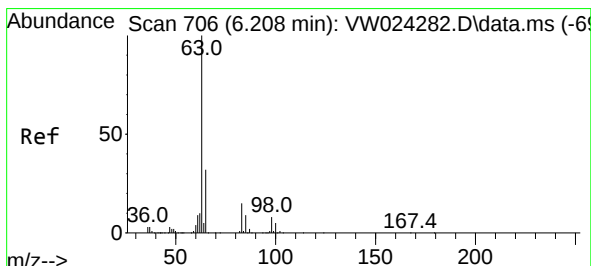
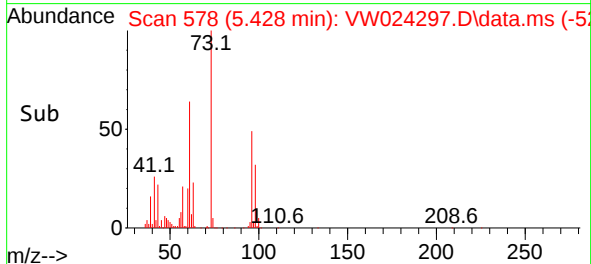
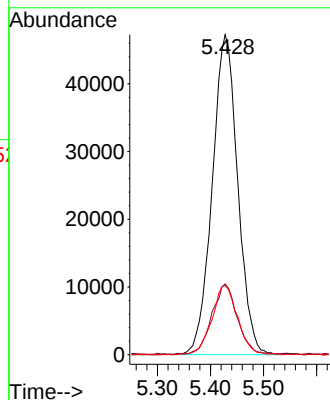
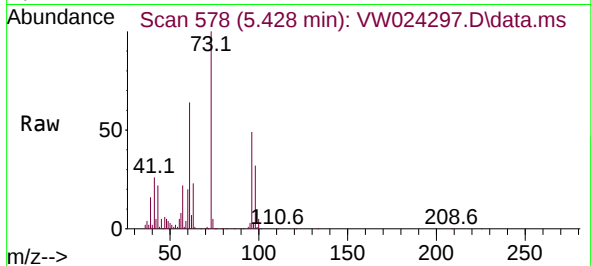




#18
Methyl tert-butyl Ether
Concen: 33.129 ug/L
RT: 5.428 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW024297.D
Acq: 19 Aug 2022 17:34

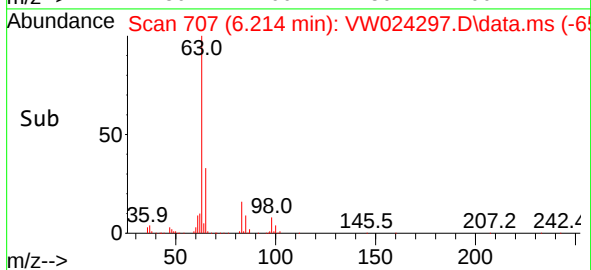
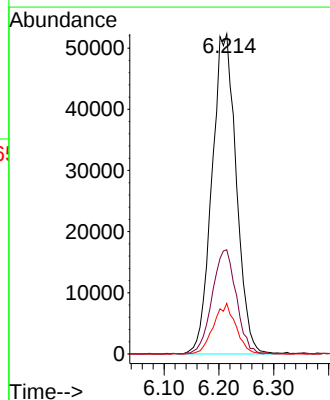
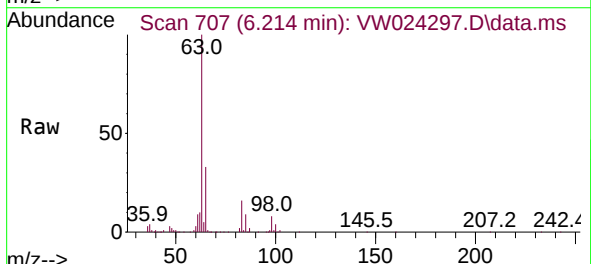
Instrument :
MSVOA_W
ClientSampleId :
VSTD025543

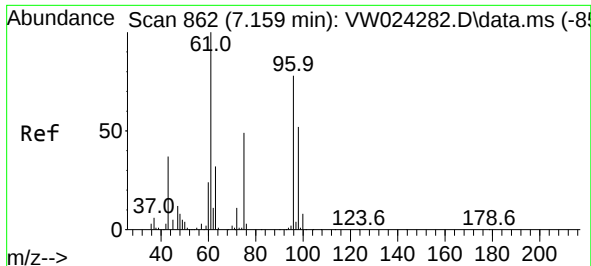
Tgt Ion: 73 Resp: 157740
Ion Ratio Lower Upper
73 100
43 21.6 16.6 24.8
57 21.6 17.6 26.4



#19
1,1-Dichloroethane
Concen: 27.339 ug/L
RT: 6.214 min Scan# 707
Delta R.T. 0.006 min
Lab File: VW024297.D
Acq: 19 Aug 2022 17:34

Tgt Ion: 63 Resp: 160804
Ion Ratio Lower Upper
63 100
65 32.5 22.0 41.0
83 15.8 9.2 17.0

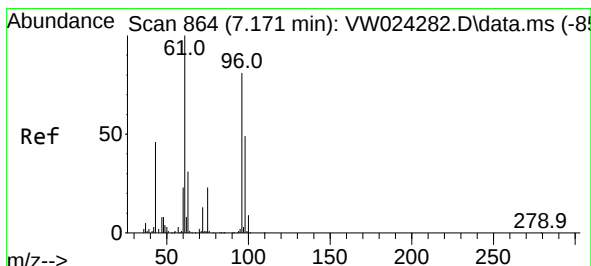
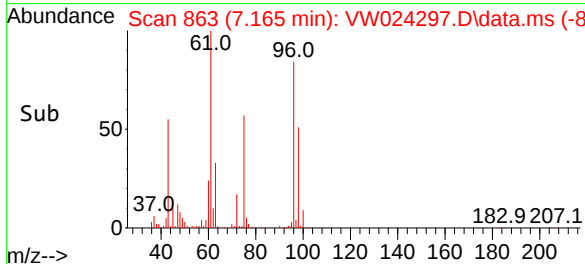
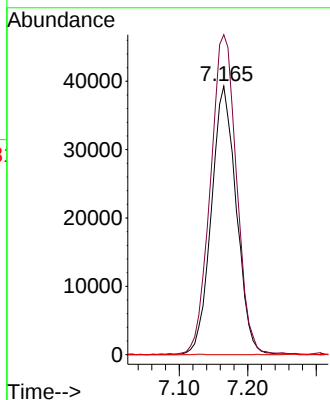
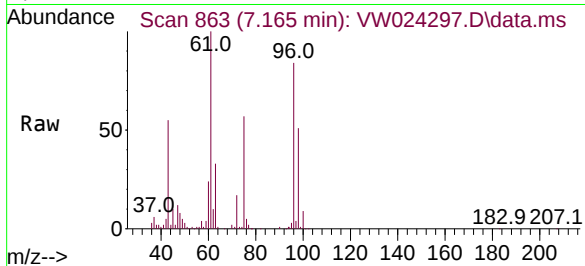




#20
cis-1,2-Dichloroethene
Concen: 27.142 ug/L
RT: 7.165 min Scan# 863
Delta R.T. 0.006 min
Lab File: VW024297.D
Acq: 19 Aug 2022 17:34

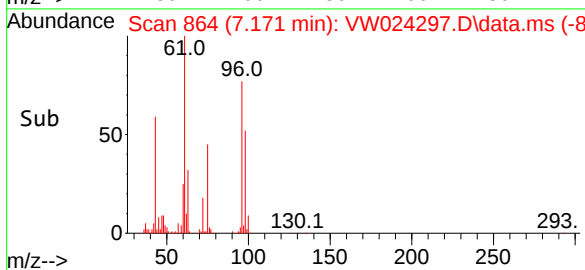
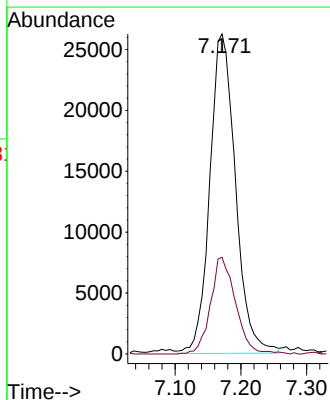
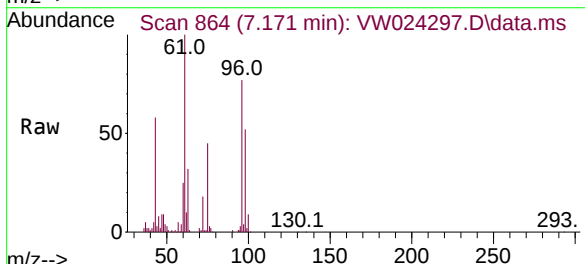
Instrument :
MSVOA_W
ClientSampleId :
VSTD025543

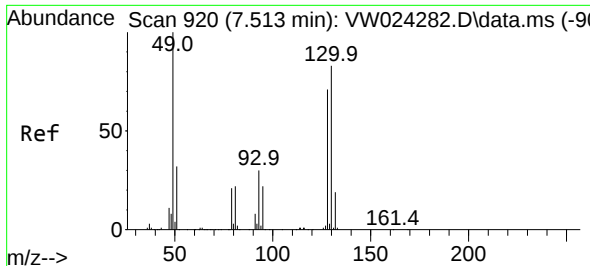
Tgt Ion: 96 Resp: 99531
Ion Ratio Lower Upper
96 100
61 119.2 89.5 166.3
68 0.0 0.1 0.1#



#22
2-Butanone
Concen: 61.554 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW024297.D
Acq: 19 Aug 2022 17:34

Tgt Ion: 43 Resp: 71424
Ion Ratio Lower Upper
43 100
72 29.0 14.3 42.9

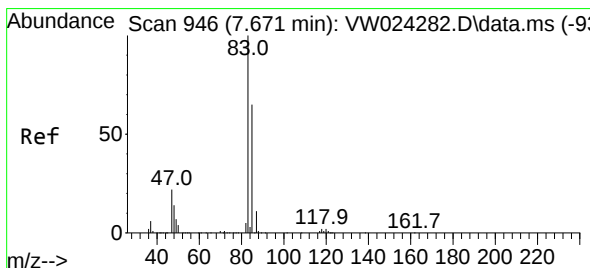
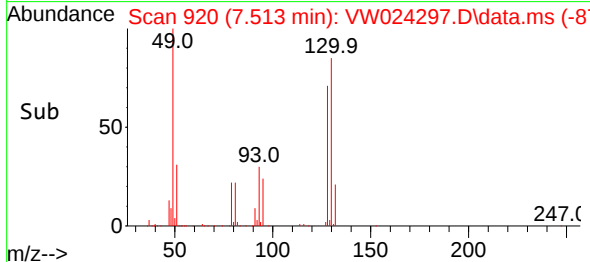
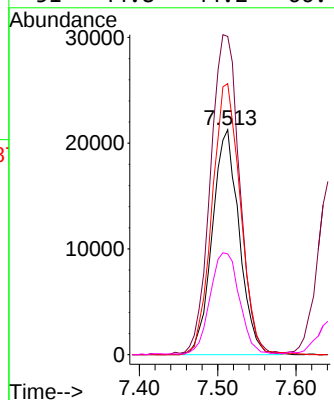
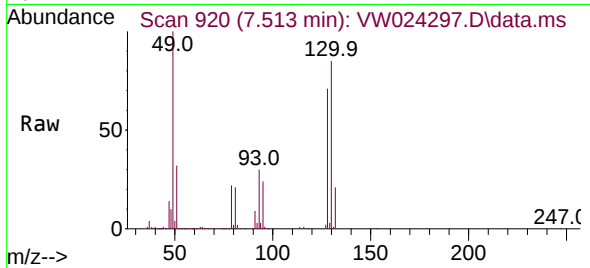




#23
Bromochloromethane
Concen: 27.798 ug/L
RT: 7.513 min Scan# 912
Delta R.T. 0.000 min
Lab File: VW024297.D
Acq: 19 Aug 2022 17:34

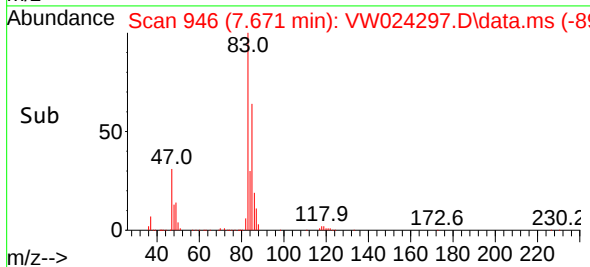
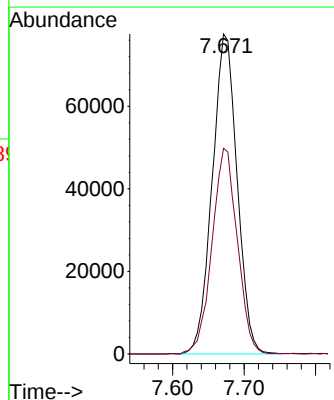
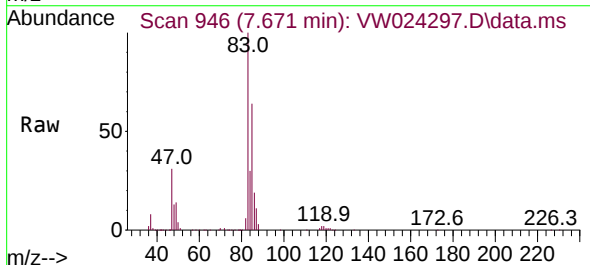
Instrument :
MSVOA_W
ClientSampleId :
VSTD025543

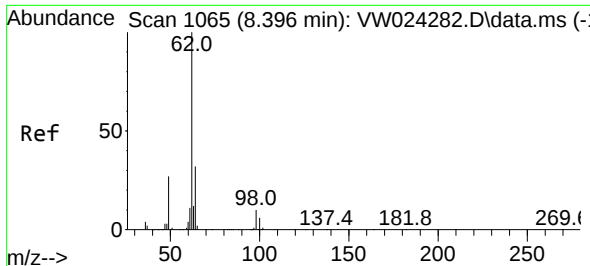
Tgt Ion:	128	Resp:	50767
Ion	Ratio	Lower	Upper
128	100		
49	141.5	106.6	198.0
130	120.5	88.1	163.5
51	44.8	44.2	66.4



#25
Chloroform
Concen: 28.958 ug/L
RT: 7.671 min Scan# 946
Delta R.T. 0.000 min
Lab File: VW024297.D
Acq: 19 Aug 2022 17:34

Tgt Ion:	83	Resp:	187688
Ion	Ratio	Lower	Upper
83	100		
85	64.2	42.9	79.7

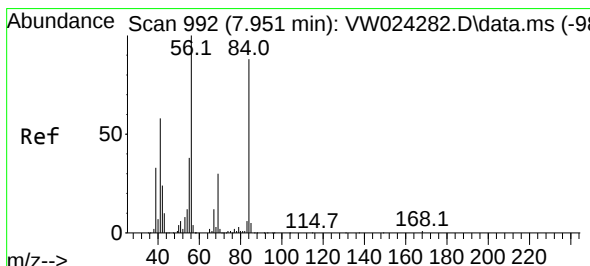
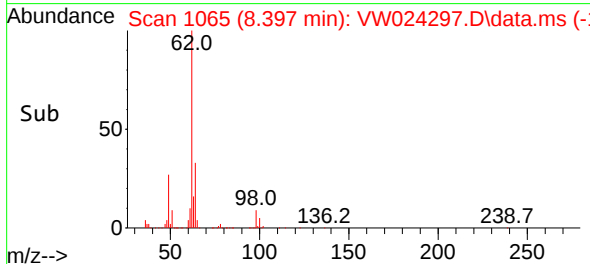
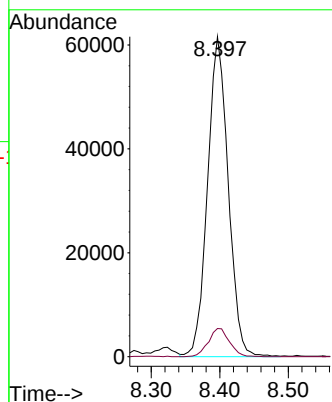
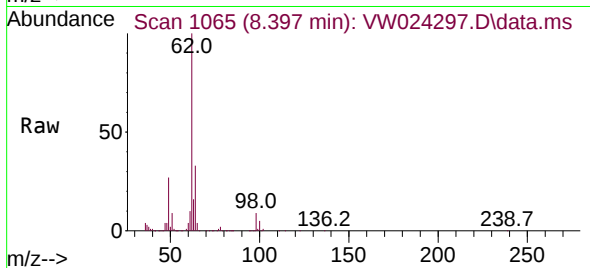




#27
1,2-Dichloroethane
Concen: 29.651 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VW024297.D
Acq: 19 Aug 2022 17:34

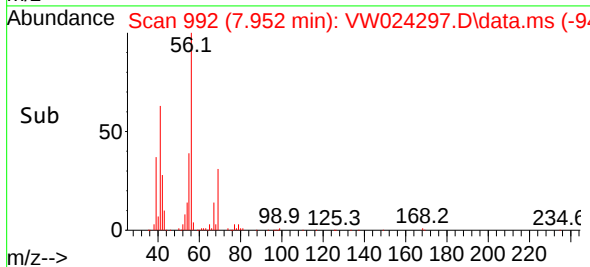
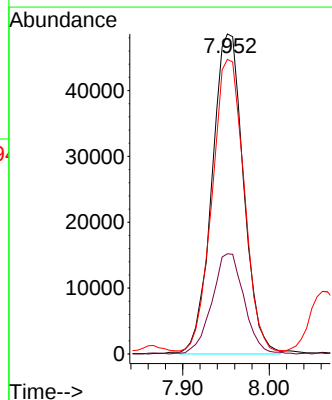
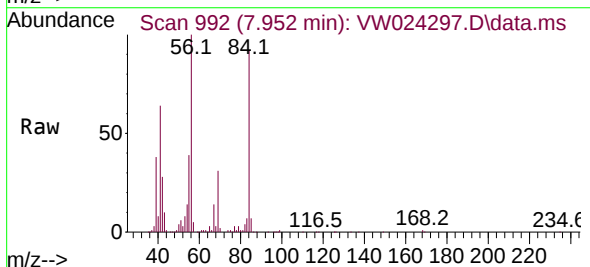
Instrument :
MSVOA_W
ClientSampleId :
VSTD025543

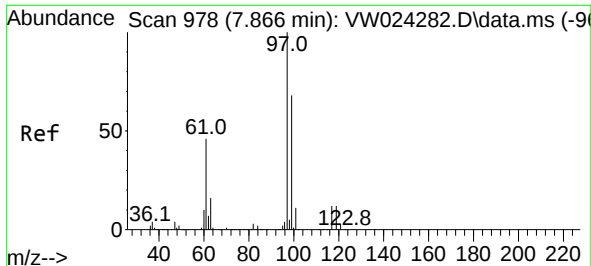
Tgt Ion: 62 Resp: 129315
Ion Ratio Lower Upper
62 100
98 8.8 7.4 11.0



#29
Cyclohexane
Concen: 24.994 ug/L
RT: 7.952 min Scan# 992
Delta R.T. 0.000 min
Lab File: VW024297.D
Acq: 19 Aug 2022 17:34

Tgt Ion: 56 Resp: 122713
Ion Ratio Lower Upper
56 100
69 32.0 24.5 36.7
84 93.9 75.5 113.3





#30

1,1,1-Trichloroethane

Concen: 27.289 ug/L

RT: 7.866 min Scan# 91

Delta R.T. 0.000 min

Lab File: VW024297.D

Acq: 19 Aug 2022 17:34

Instrument :

MSVOA_W

ClientSampleId :

VSTD025543

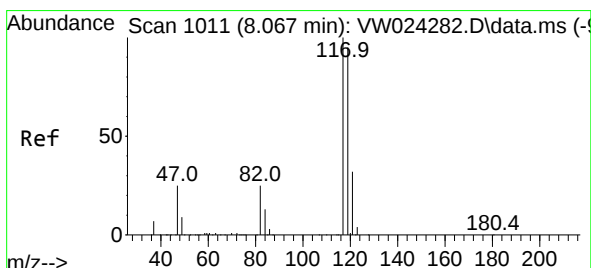
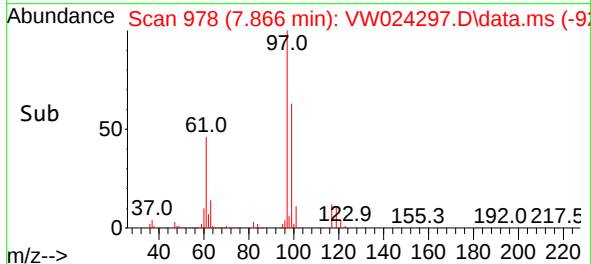
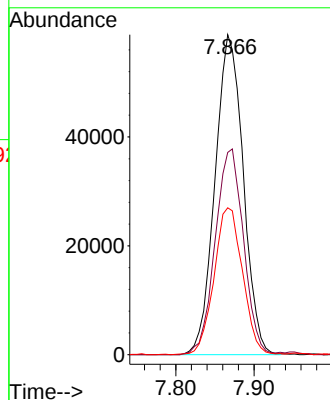
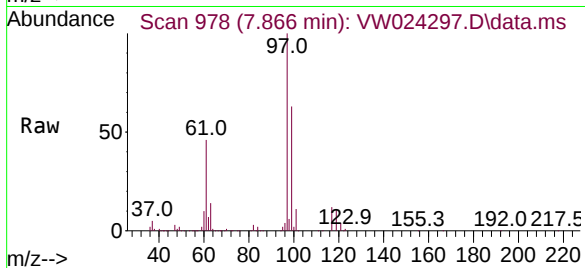
Tgt Ion: 97 Resp: 147377

Ion Ratio Lower Upper

97 100

99 64.4 51.0 76.6

61 46.3 36.2 54.2



#31

Carbon tetrachloride

Concen: 26.101 ug/L

RT: 8.061 min Scan# 1010

Delta R.T. -0.006 min

Lab File: VW024297.D

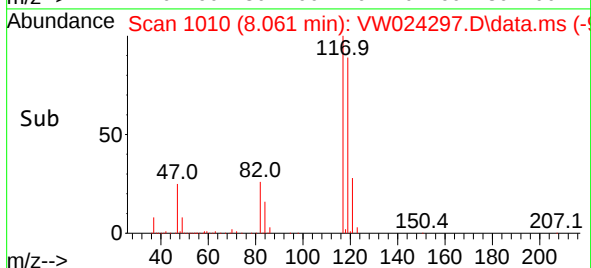
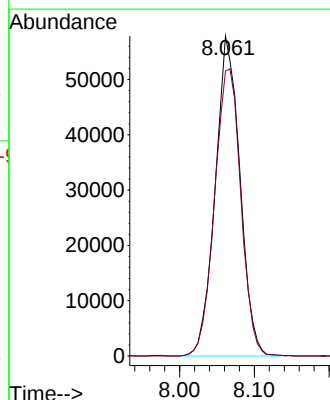
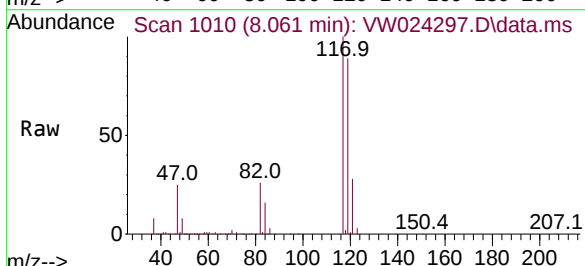
Acq: 19 Aug 2022 17:34

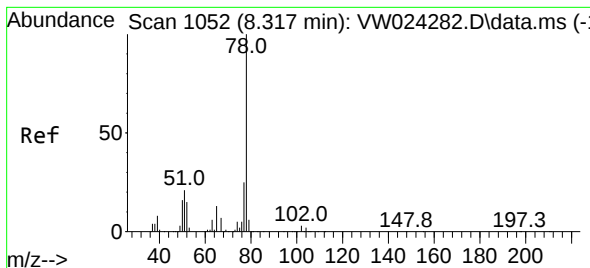
Tgt Ion: 117 Resp: 132986

Ion Ratio Lower Upper

117 100

119 95.3 77.8 116.8





#33

Benzene

Concen: 26.416 ug/L

RT: 8.317 min Scan# 1052

Delta R.T. 0.000 min

Lab File: VW024297.D

Acq: 19 Aug 2022 17:34

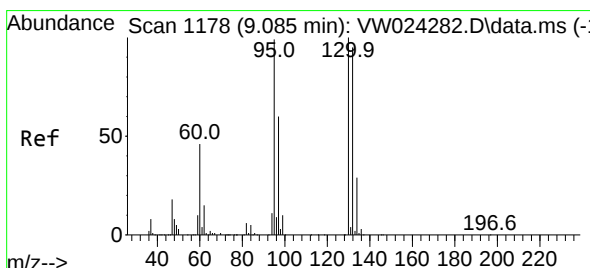
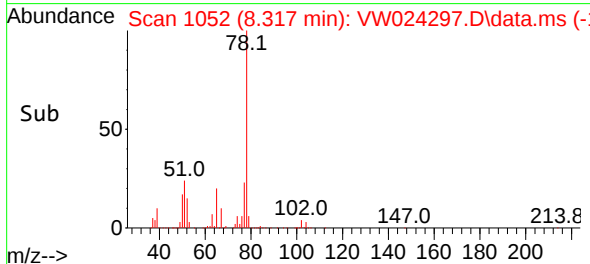
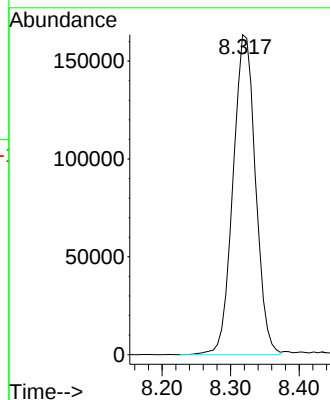
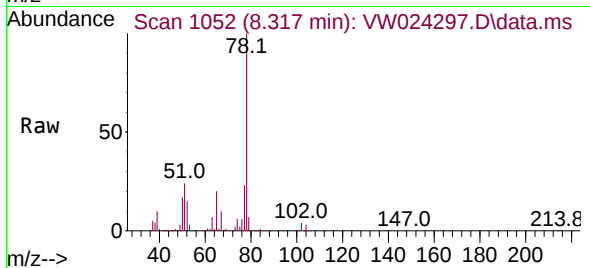
Instrument :

MSVOA_W

ClientSampleId :

VSTD025543

Tgt Ion: 78 Resp: 373637



#34

Trichloroethene

Concen: 26.053 ug/L

RT: 9.086 min Scan# 1178

Delta R.T. 0.000 min

Lab File: VW024297.D

Acq: 19 Aug 2022 17:34

Tgt Ion: 95 Resp: 97400

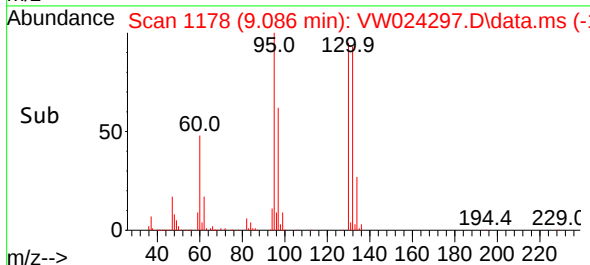
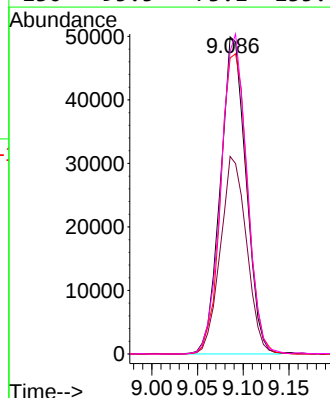
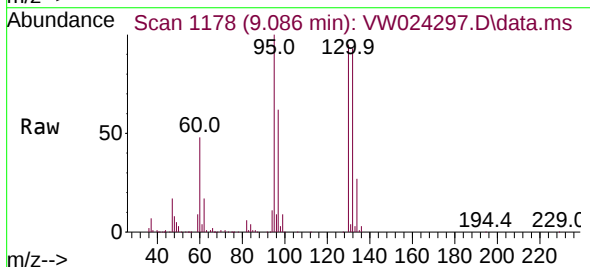
Ion Ratio Lower Upper

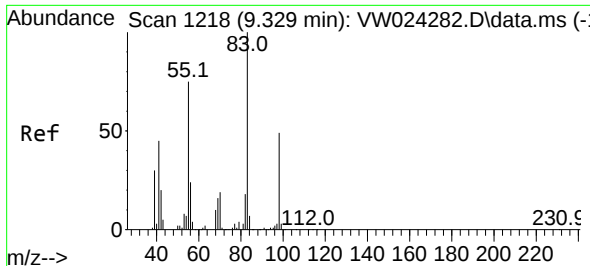
95 100

97 62.3 41.6 77.2

132 93.3 67.0 124.4

130 95.5 73.1 135.8

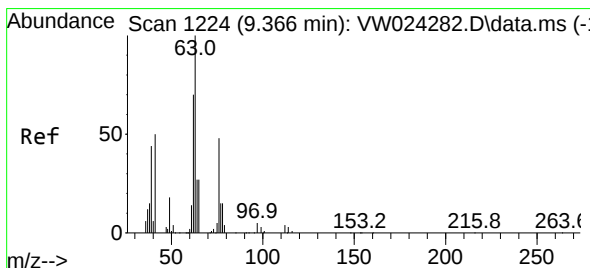
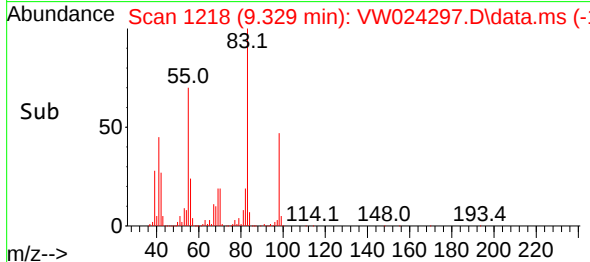
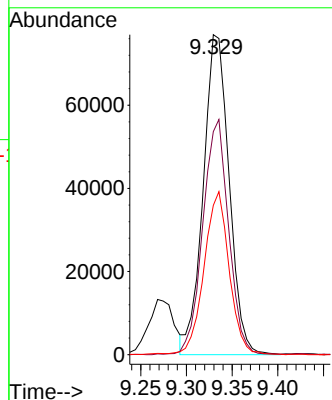
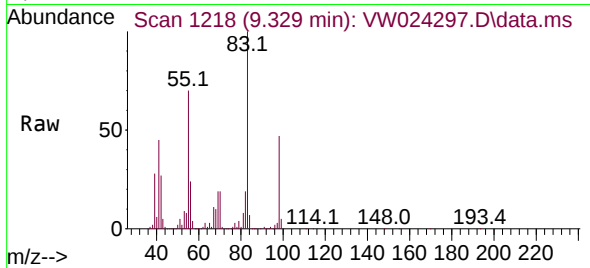




#35
Methylcyclohexane
Concen: 25.851 ug/L
RT: 9.329 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW024297.D
Acq: 19 Aug 2022 17:34

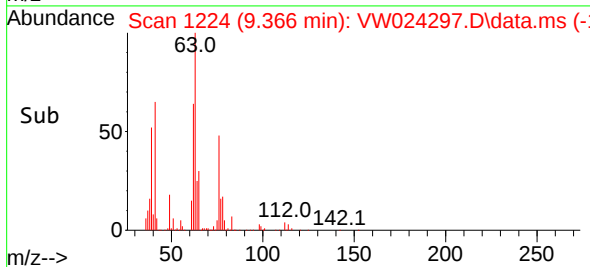
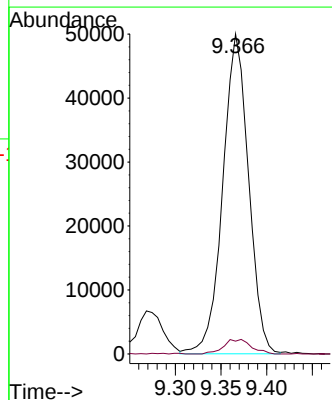
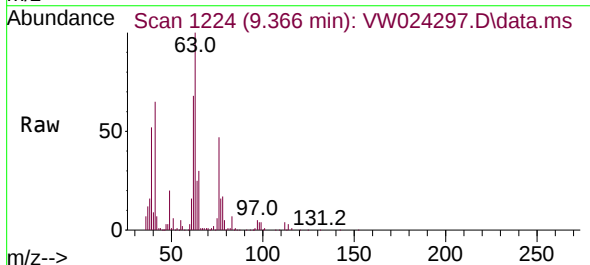
Instrument :
MSVOA_W
ClientSampleId :
VSTD025543

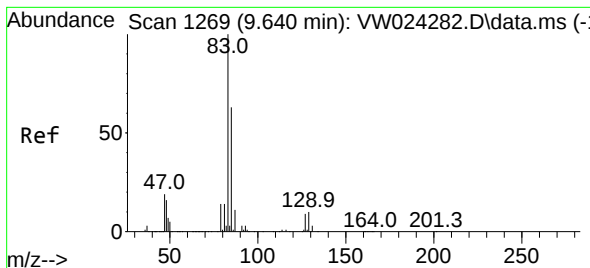
Tgt Ion: 83 Resp: 151551
Ion Ratio Lower Upper
83 100
55 73.3 59.1 88.7
98 49.4 40.8 61.2



#37
1,2-Dichloropropane
Concen: 28.064 ug/L
RT: 9.366 min Scan# 1224
Delta R.T. 0.000 min
Lab File: VW024297.D
Acq: 19 Aug 2022 17:34

Tgt Ion: 63 Resp: 98122
Ion Ratio Lower Upper
63 100
112 4.9 3.8 5.6





#38

Bromodichloromethane

Concen: 28.476 ug/L

RT: 9.640 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW024297.D

Acq: 19 Aug 2022 17:34

Instrument :

MSVOA_W

ClientSampleId :

VSTD025543

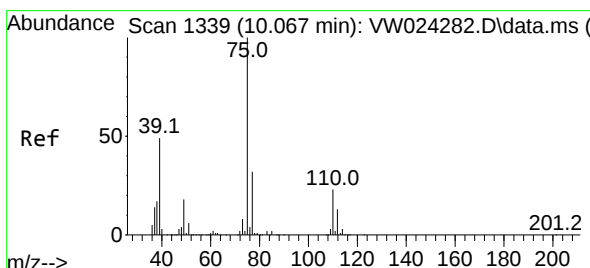
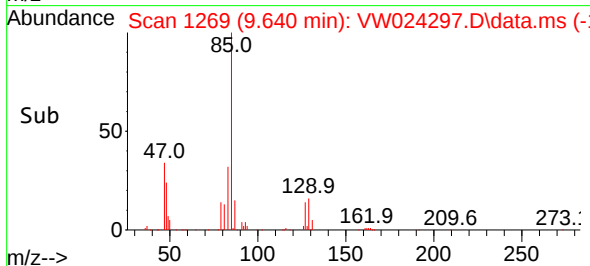
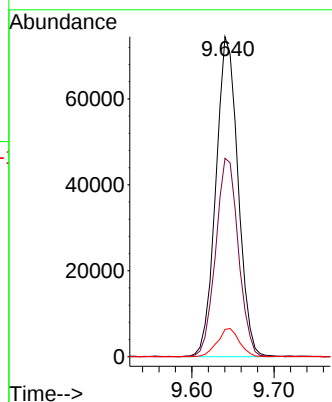
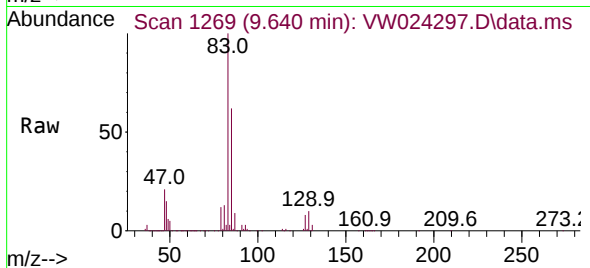
Tgt Ion: 83 Resp: 139645

Ion Ratio Lower Upper

83 100

85 62.0 43.7 81.1

127 8.5 6.9 10.3



#39

cis-1,3-Dichloropropene

Concen: 28.524 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. 0.006 min

Lab File: VW024297.D

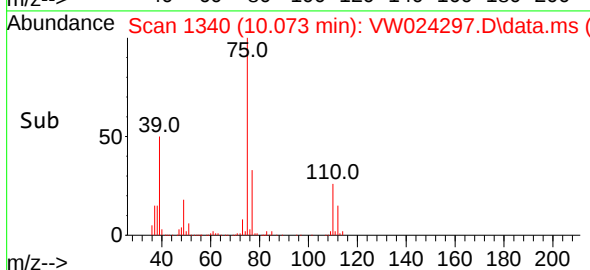
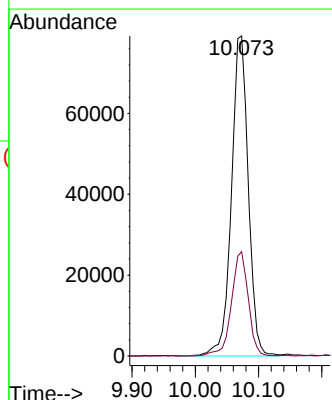
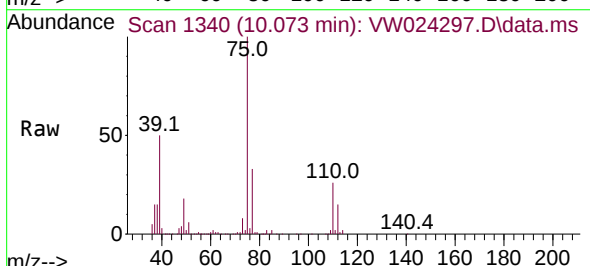
Acq: 19 Aug 2022 17:34

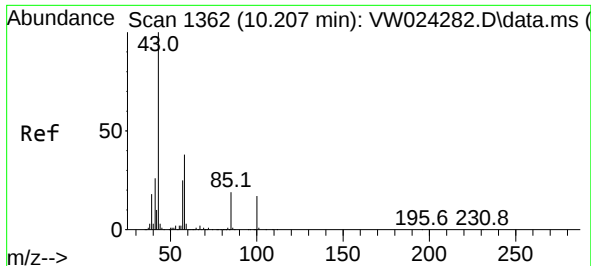
Tgt Ion: 75 Resp: 146724

Ion Ratio Lower Upper

75 100

77 32.6 23.4 43.6





#40

4-Methyl-2-pentanone

Concen: 66.259 ug/L

RT: 10.207 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW024297.D

Acq: 19 Aug 2022 17:34

Instrument :

MSVOA_W

ClientSampleId :

VSTD025543

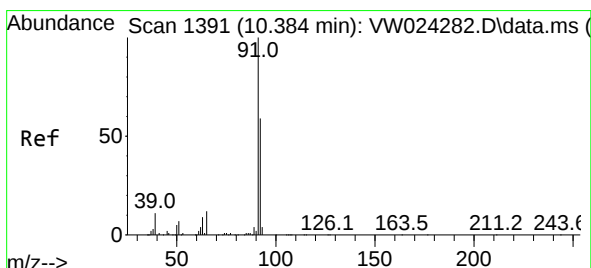
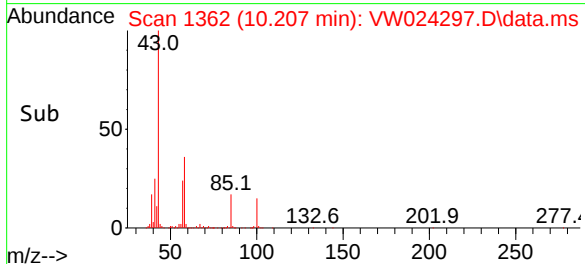
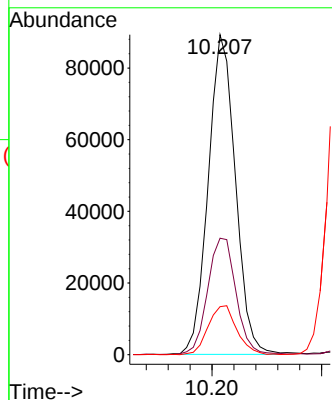
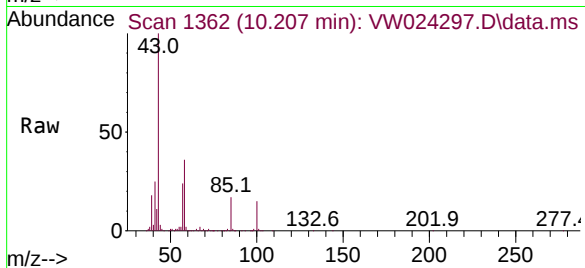
Tgt Ion: 43 Resp: 153750

Ion Ratio Lower Upper

43 100

58 38.1 30.5 45.7

100 16.1 13.8 20.6



#42

Toluene

Concen: 27.407 ug/L

RT: 10.384 min Scan# 1391

Delta R.T. 0.000 min

Lab File: VW024297.D

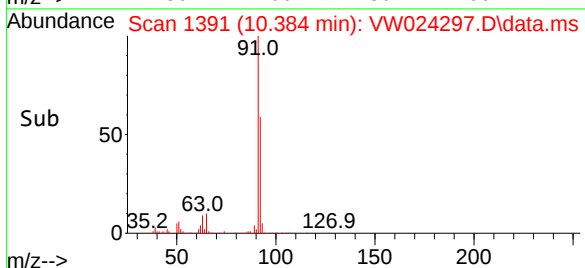
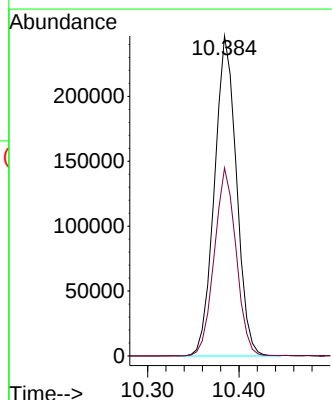
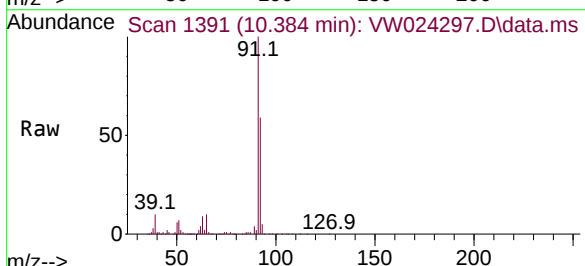
Acq: 19 Aug 2022 17:34

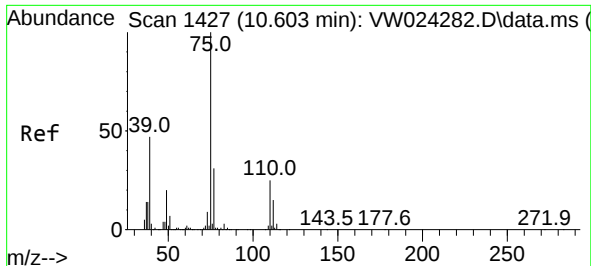
Tgt Ion: 91 Resp: 411931

Ion Ratio Lower Upper

91 100

92 58.8 41.4 77.0

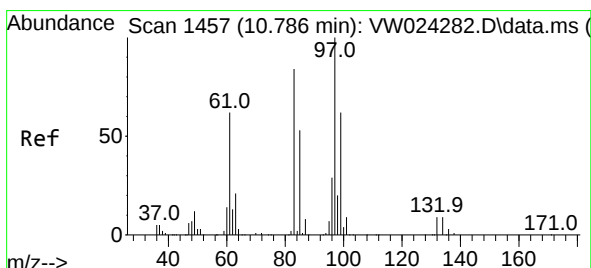
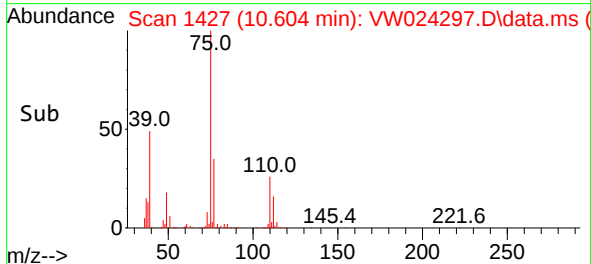
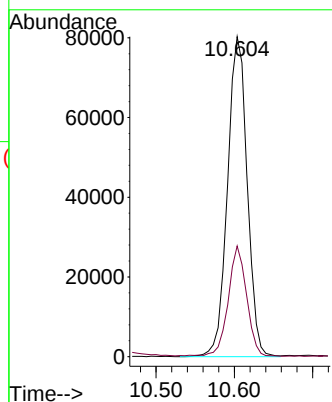
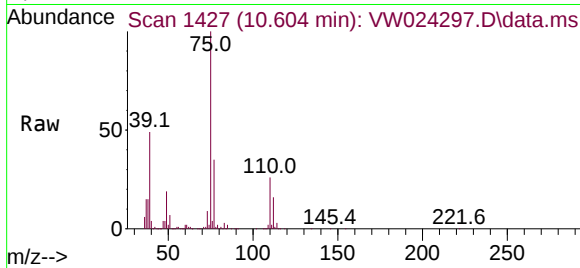




#44
trans-1,3-Dichloropropene
Concen: 29.835 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW024297.D
Acq: 19 Aug 2022 17:34

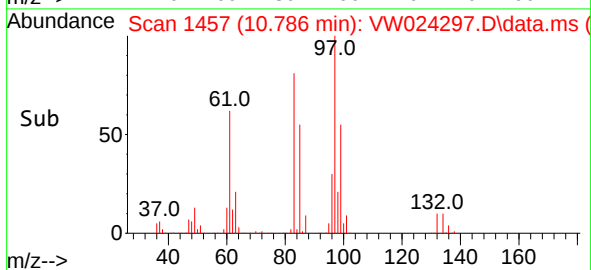
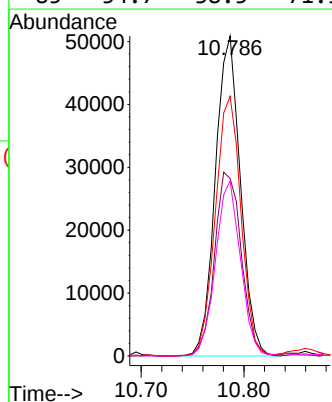
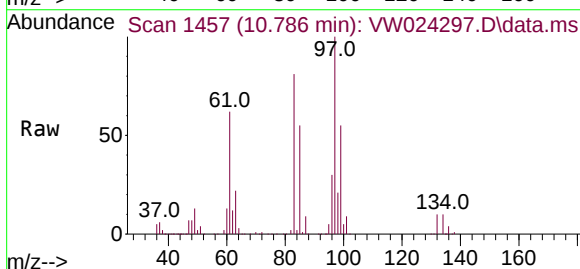
Instrument :
MSVOA_W
ClientSampleId :
VSTD025543

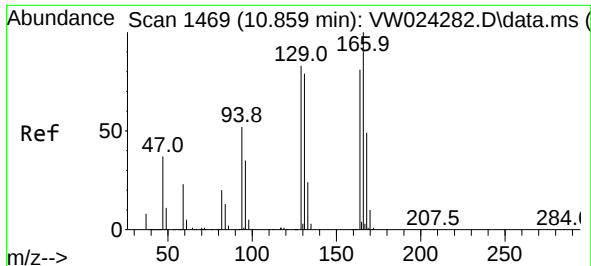
Tgt Ion: 75 Resp: 140229
Ion Ratio Lower Upper
75 100
77 34.6 22.4 41.6



#45
1,1,2-Trichloroethane
Concen: 29.266 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW024297.D
Acq: 19 Aug 2022 17:34

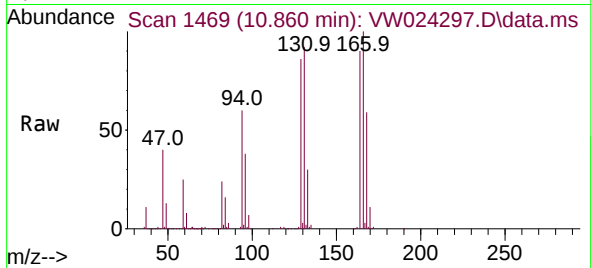
Tgt Ion: 97 Resp: 86246
Ion Ratio Lower Upper
97 100
99 55.5 43.8 81.3
83 81.2 56.4 104.7
85 54.7 38.5 71.5



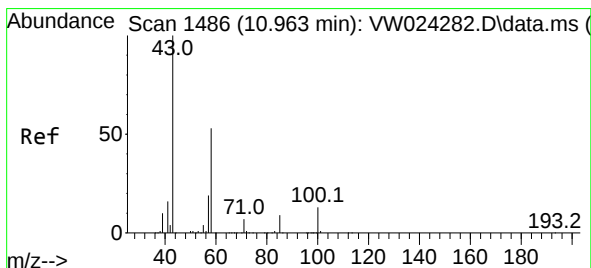
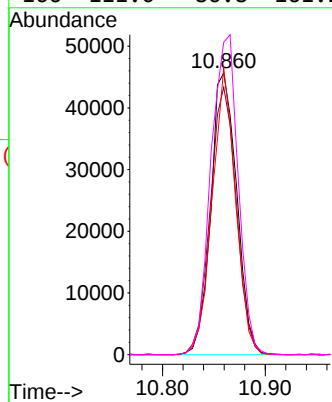
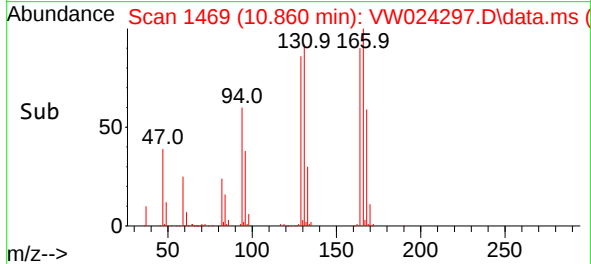


#46
Tetrachloroethene
Concen: 26.281 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW024297.D
Acq: 19 Aug 2022 17:34

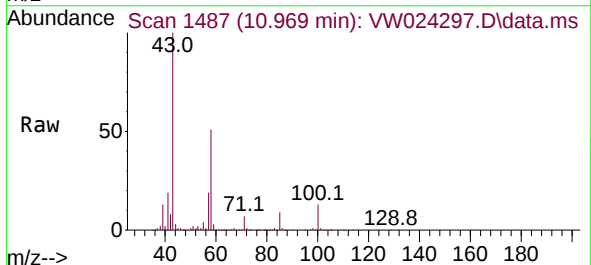
Instrument :
MSVOA_W
ClientSampleId :
VSTD025543



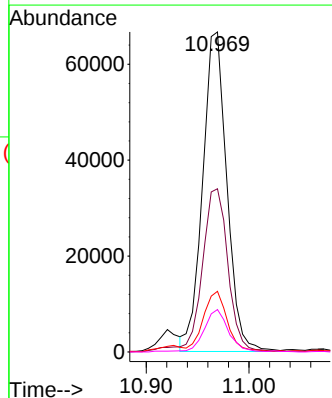
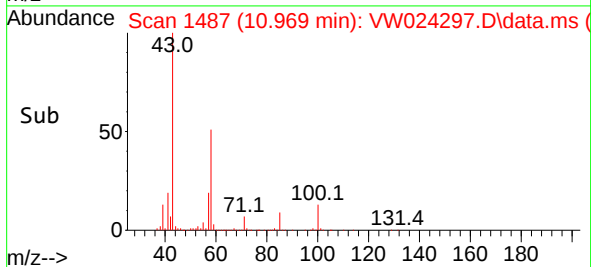
Tgt Ion:	164	Resp:	79543
Ion	Ratio	Lower	Upper
164	100		
129	94.9	63.1	117.3
131	101.7	63.9	118.7
166	111.0	86.8	161.2

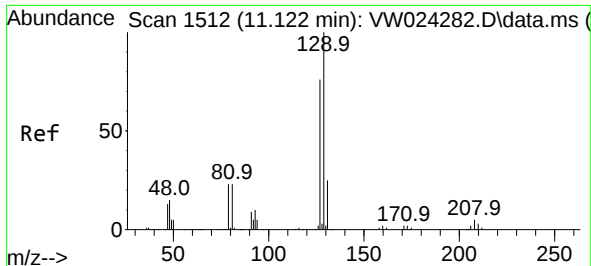


#48
2-Hexanone
Concen: 69.510 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.006 min
Lab File: VW024297.D
Acq: 19 Aug 2022 17:34



Tgt Ion:	43	Resp:	109463
Ion	Ratio	Lower	Upper
43	100		
58	54.8	43.4	65.0
57	18.9	15.0	22.4
100	12.7	10.8	16.2





#49

Dibromochloromethane

Concen: 28.981 ug/L

RT: 11.128 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW024297.D

Acq: 19 Aug 2022 17:34

Instrument :

MSVOA_W

ClientSampleId :

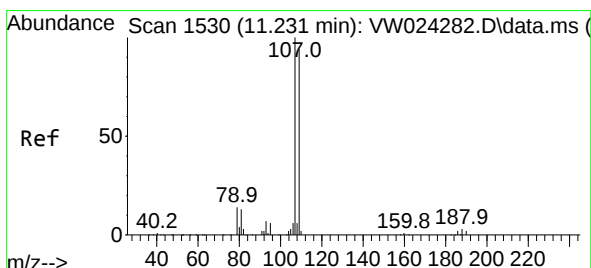
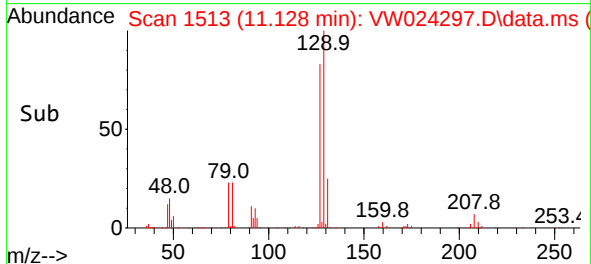
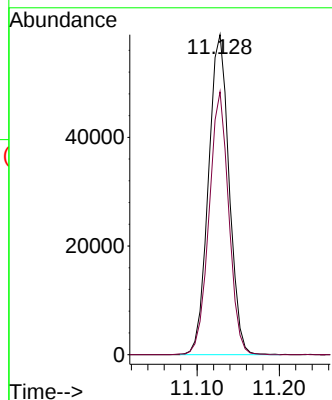
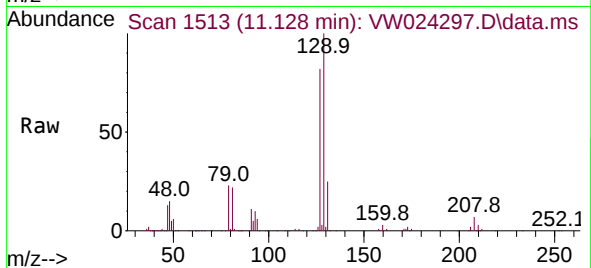
VSTD025543

Tgt Ion:129 Resp: 102818

Ion Ratio Lower Upper

129 100

127 82.2 52.3 97.1



#50

1,2-Dibromoethane

Concen: 29.268 ug/L

RT: 11.231 min Scan# 1530

Delta R.T. 0.000 min

Lab File: VW024297.D

Acq: 19 Aug 2022 17:34

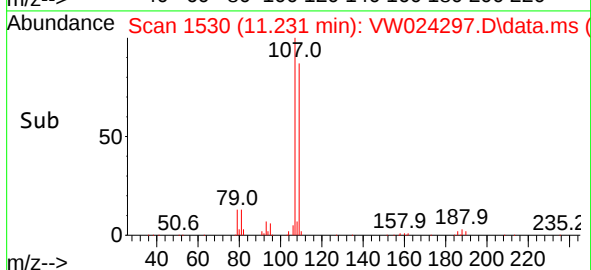
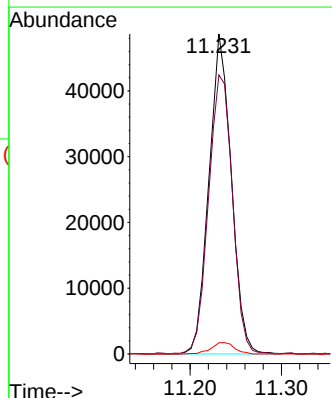
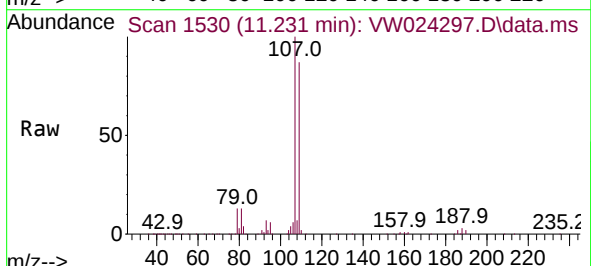
Tgt Ion:107 Resp: 82637

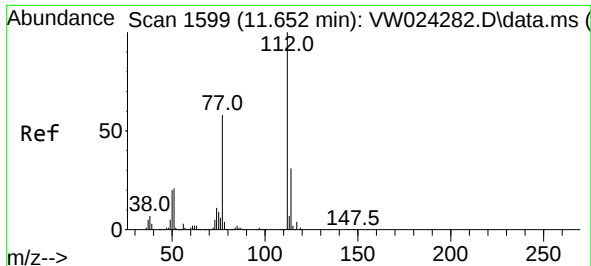
Ion Ratio Lower Upper

107 100

109 87.2 64.0 119.0

188 3.5 3.1 4.7

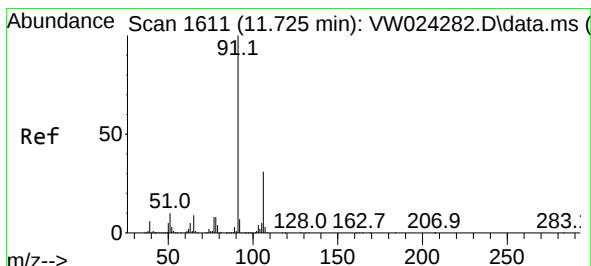
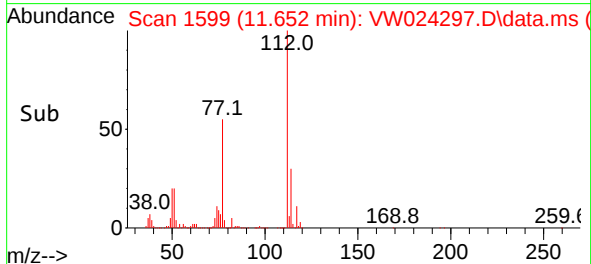
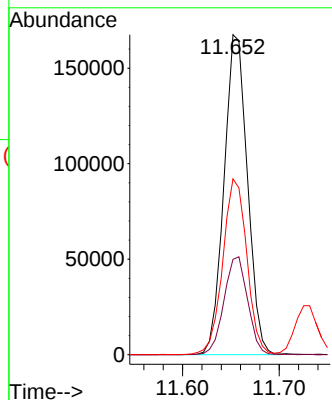
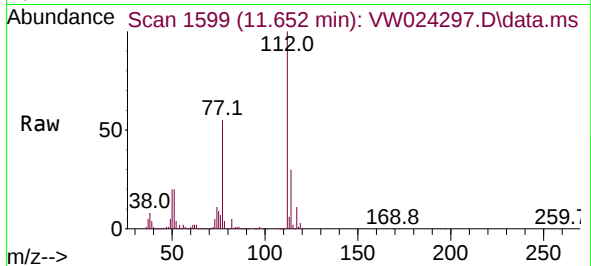




#51
Chlorobenzene
Concen: 27.403 ug/L
RT: 11.652 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW024297.D
Acq: 19 Aug 2022 17:34

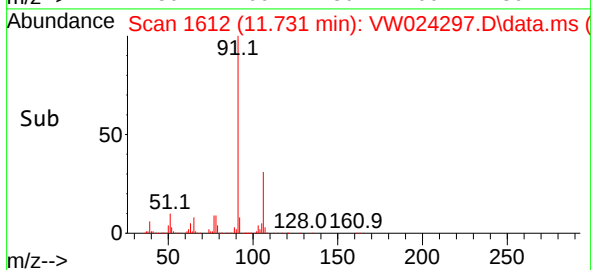
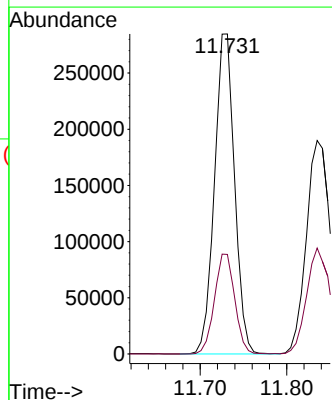
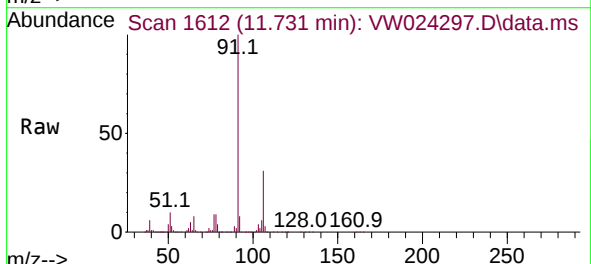
Instrument :
MSVOA_W
ClientSampleId :
VSTD025543

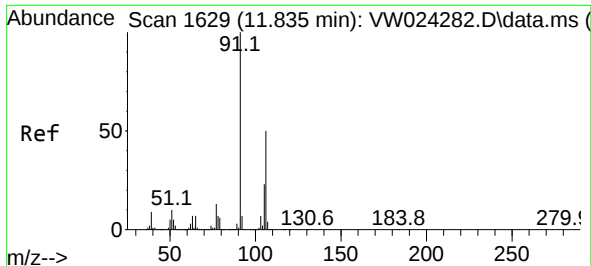
Tgt Ion:112 Resp: 281411
Ion Ratio Lower Upper
112 100
114 29.8 20.7 38.5
77 54.9 41.4 62.2



#52
Ethylbenzene
Concen: 27.844 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.006 min
Lab File: VW024297.D
Acq: 19 Aug 2022 17:34

Tgt Ion: 91 Resp: 458519
Ion Ratio Lower Upper
91 100
106 31.1 21.9 40.7

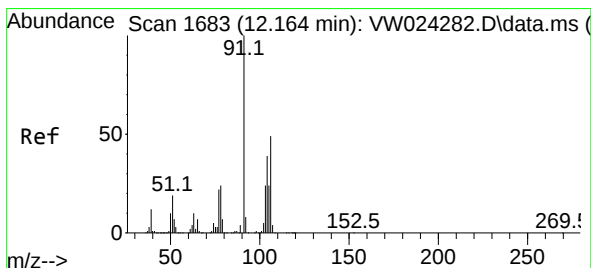
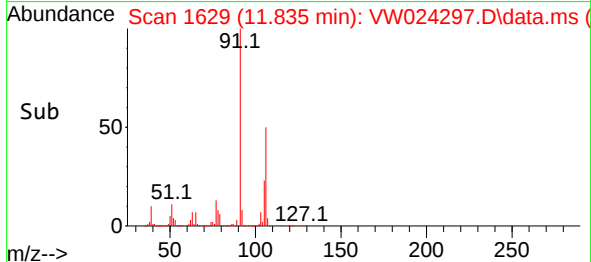
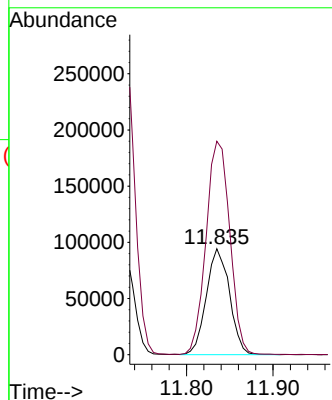
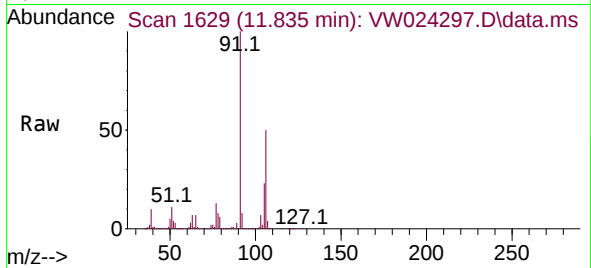




#53
m,p-Xylene
Concen: 27.408 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW024297.D
Acq: 19 Aug 2022 17:34

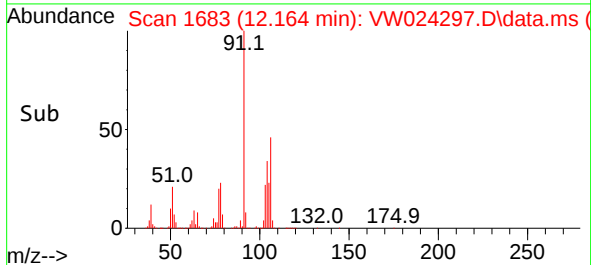
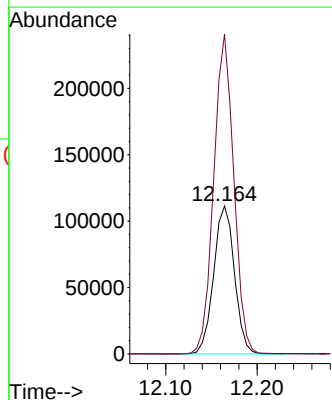
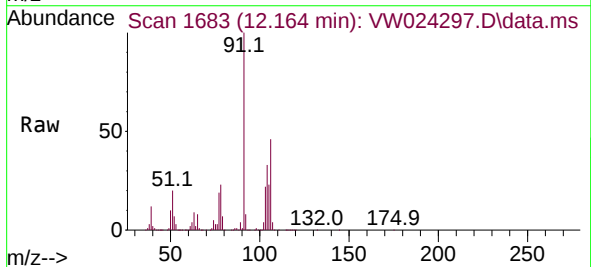
Instrument :
MSVOA_W
ClientSampleId :
VSTD025543

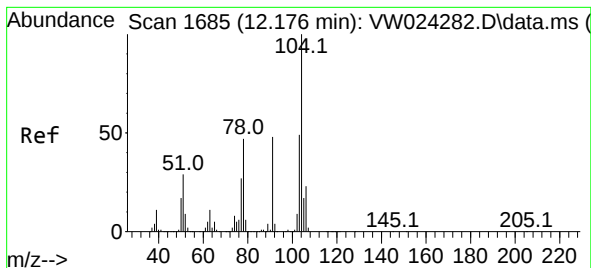
Tgt Ion:106 Resp: 175689
Ion Ratio Lower Upper
106 100
91 201.5 144.1 267.7



#54
o-Xylene
Concen: 29.108 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW024297.D
Acq: 19 Aug 2022 17:34

Tgt Ion:106 Resp: 176272
Ion Ratio Lower Upper
106 100
91 216.1 150.9 280.3





#55

Styrene

Concen: 30.085 ug/L

RT: 12.176 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW024297.D

Acq: 19 Aug 2022 17:34

Instrument :

MSVOA_W

ClientSampleId :

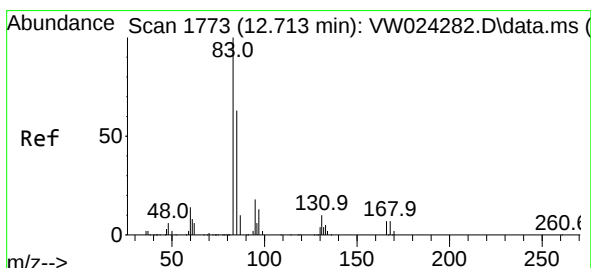
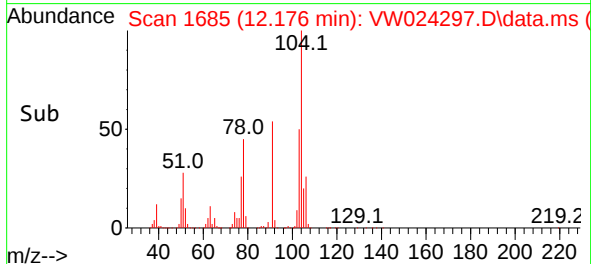
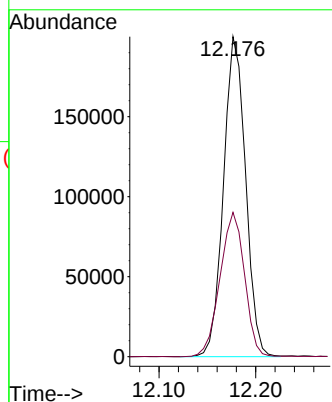
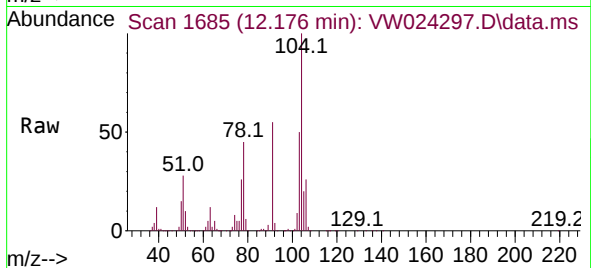
VSTD025543

Tgt Ion:104 Resp: 316866

Ion Ratio Lower Upper

104 100

78 45.1 31.1 57.7



#57

1,1,2,2-Tetrachloroethane

Concen: 30.788 ug/L

RT: 12.713 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VW024297.D

Acq: 19 Aug 2022 17:34

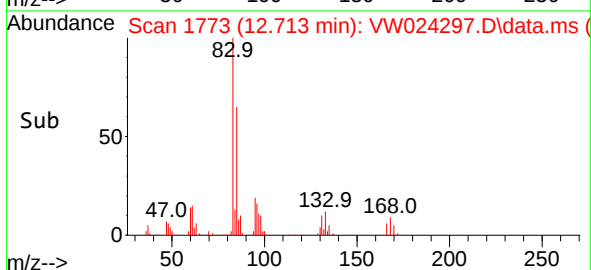
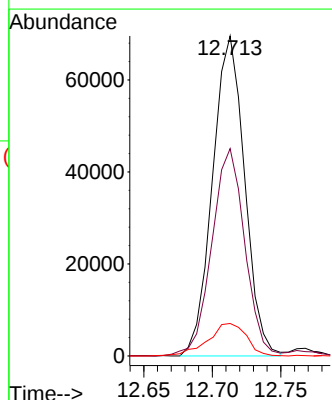
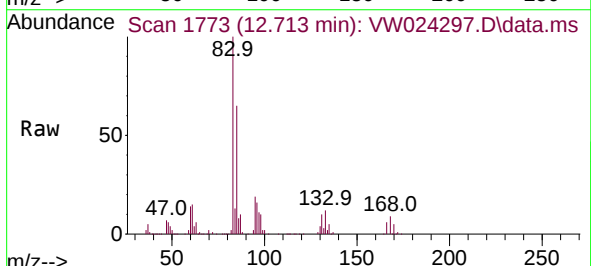
Tgt Ion: 83 Resp: 113391

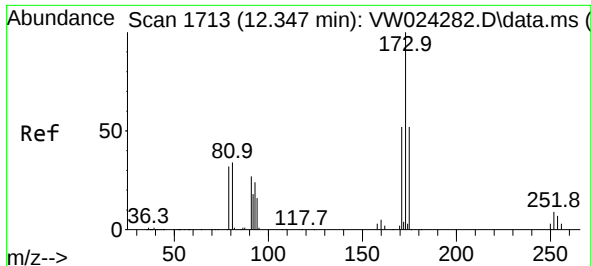
Ion Ratio Lower Upper

83 100

85 64.8 44.1 81.9

131 10.1 8.3 12.5

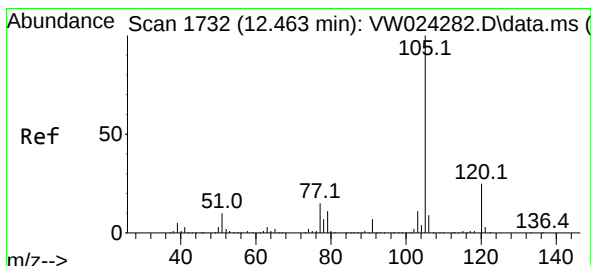
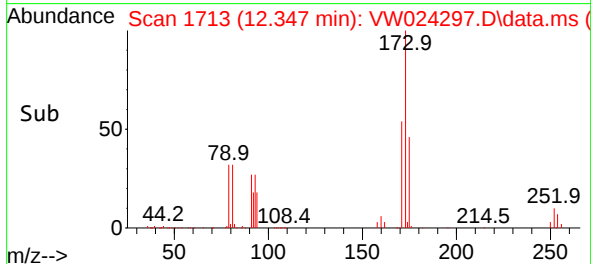
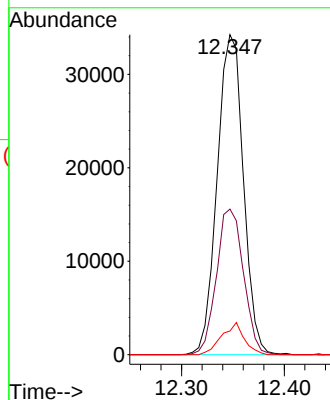
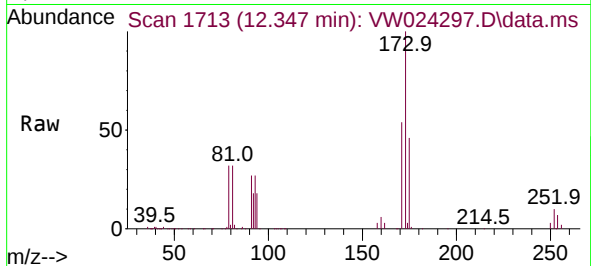




#59
Bromoform
Concen: 27.707 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. 0.000 min
Lab File: VW024297.D
Acq: 19 Aug 2022 17:34

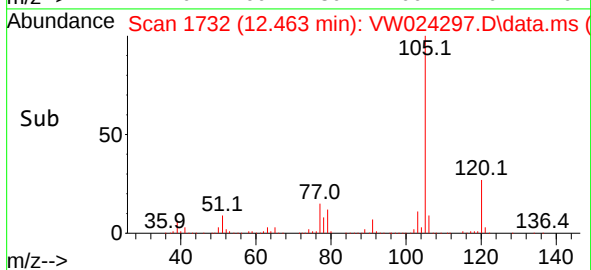
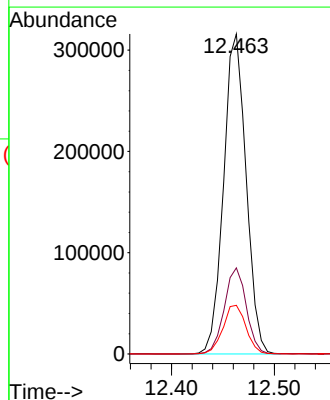
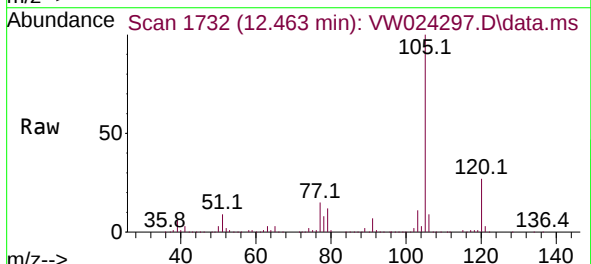
Instrument :
MSVOA_W
ClientSampleId :
VSTD025543

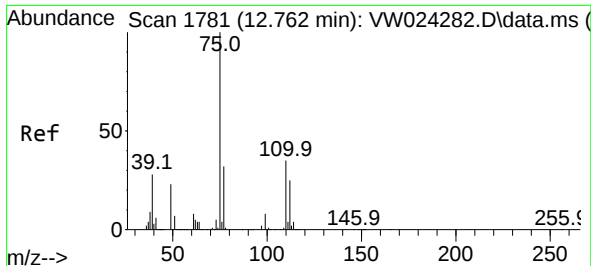
Tgt Ion:173 Resp: 60646
Ion Ratio Lower Upper
173 100
175 46.9 39.0 58.6
254 8.6 6.8 10.2



#60
Isopropylbenzene
Concen: 27.673 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW024297.D
Acq: 19 Aug 2022 17:34

Tgt Ion:105 Resp: 480732
Ion Ratio Lower Upper
105 100
120 26.3 21.4 32.2
77 15.7 12.4 18.6





#61

1,2,3-Trichloropropane

Concen: 27.618 ug/L

RT: 12.768 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW024297.D

Acq: 19 Aug 2022 17:34

Instrument :

MSVOA_W

ClientSampleId :

VSTD025543

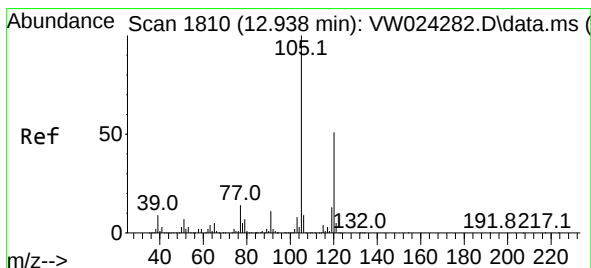
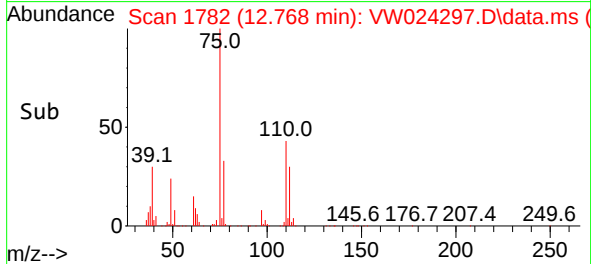
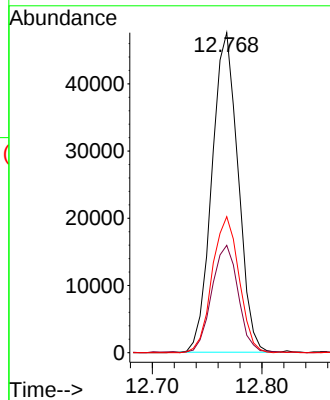
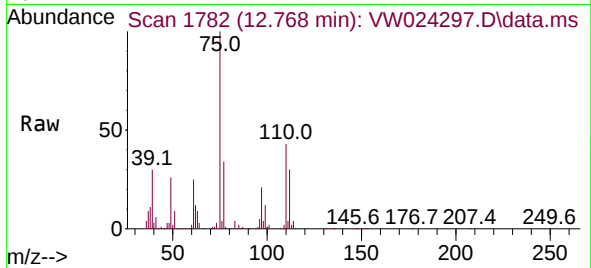
Tgt Ion: 75 Resp: 78871

Ion Ratio Lower Upper

75 100

77 34.1 26.2 39.4

110 43.7 33.6 50.4



#62

1,3,5-Trimethylbenzene

Concen: 28.014 ug/L

RT: 12.938 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VW024297.D

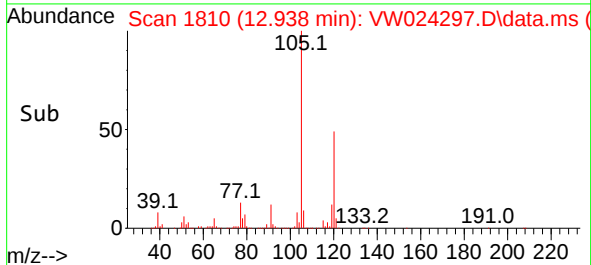
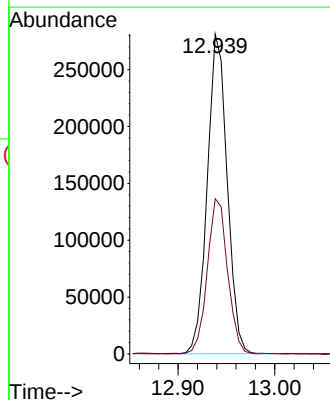
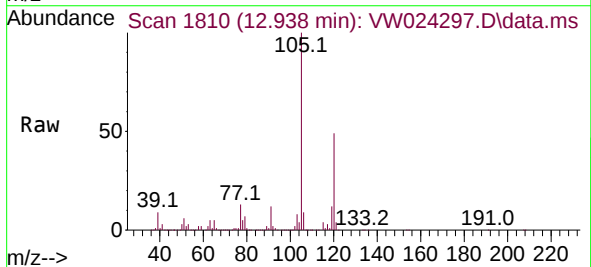
Acq: 19 Aug 2022 17:34

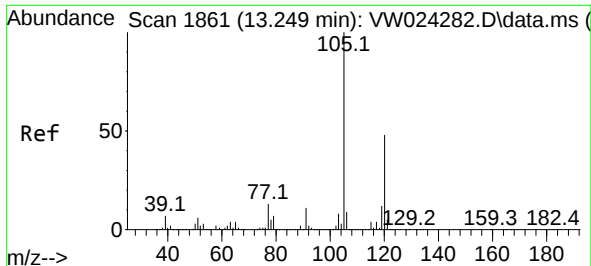
Tgt Ion: 105 Resp: 402155

Ion Ratio Lower Upper

105 100

120 49.6 39.7 59.5

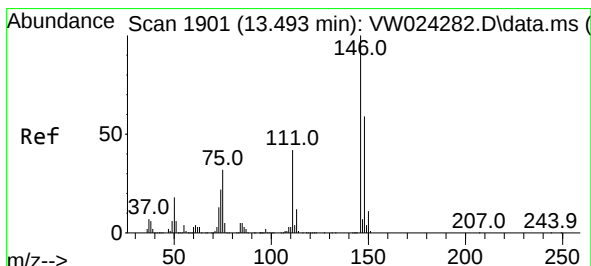
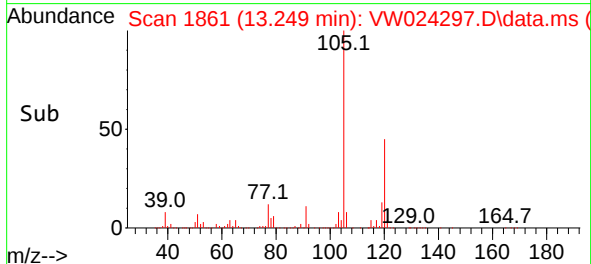
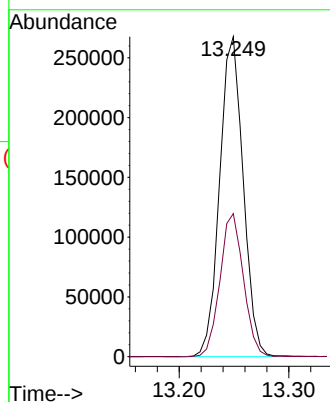
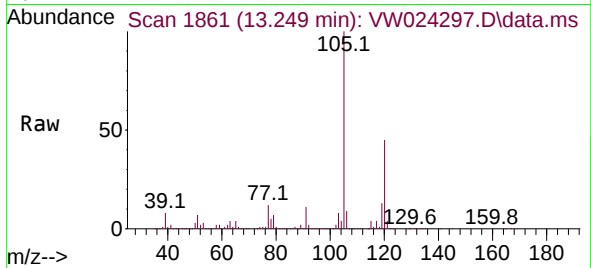




#63
1,2,4-Trimethylbenzene
Concen: 28.235 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW024297.D
Acq: 19 Aug 2022 17:34

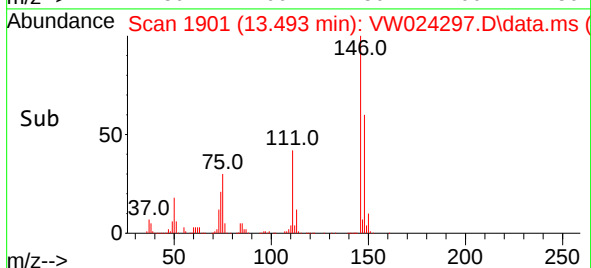
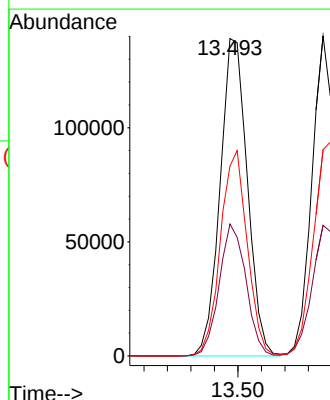
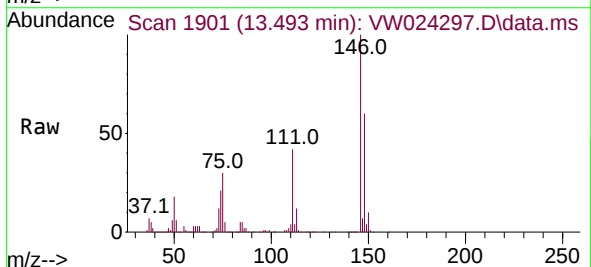
Instrument :
MSVOA_W
ClientSampleId :
VSTD025543

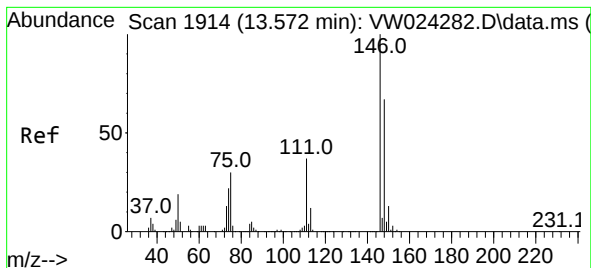
Tgt Ion:105 Resp: 399181
Ion Ratio Lower Upper
105 100
120 44.5 36.4 54.6



#64
1,3-Dichlorobenzene
Concen: 26.351 ug/L
RT: 13.493 min Scan# 1901
Delta R.T. 0.000 min
Lab File: VW024297.D
Acq: 19 Aug 2022 17:34

Tgt Ion:146 Resp: 224159
Ion Ratio Lower Upper
146 100
111 41.6 28.0 52.0
148 59.8 46.5 86.3





#65

1,4-Dichlorobenzene

Concen: 24.662 ug/L

RT: 13.573 min Scan# 1914

Delta R.T. 0.000 min

Lab File: VW024297.D

Acq: 19 Aug 2022 17:34

Instrument :

MSVOA_W

ClientSampleId :

VSTD025543

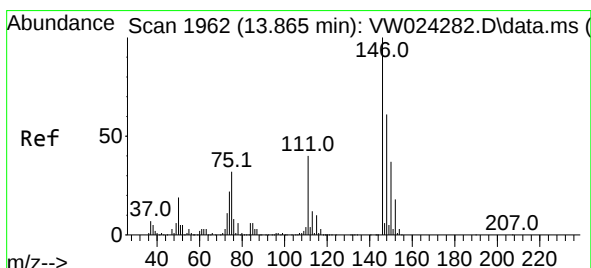
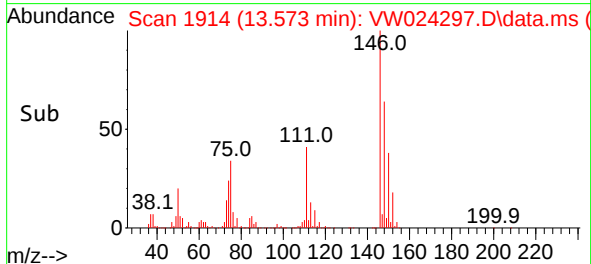
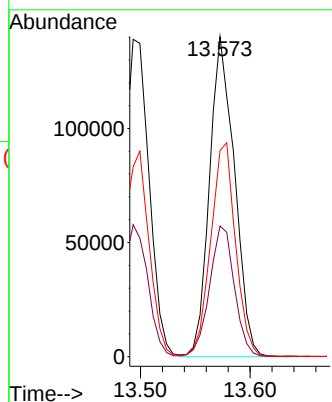
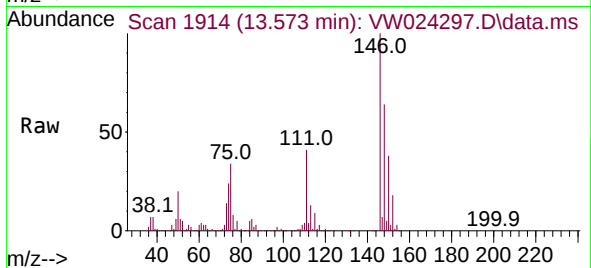
Tgt Ion:146 Resp: 222148

Ion Ratio Lower Upper

146 100

111 40.9 27.6 51.4

148 64.4 40.5 75.3



#67

1,2-Dichlorobenzene

Concen: 25.754 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW024297.D

Acq: 19 Aug 2022 17:34

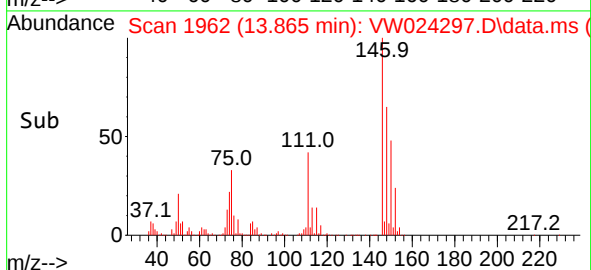
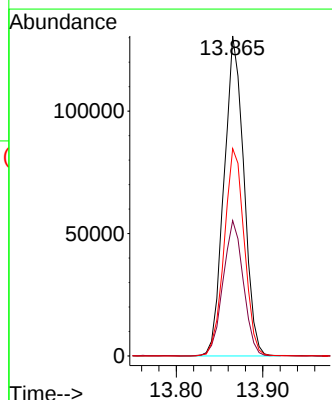
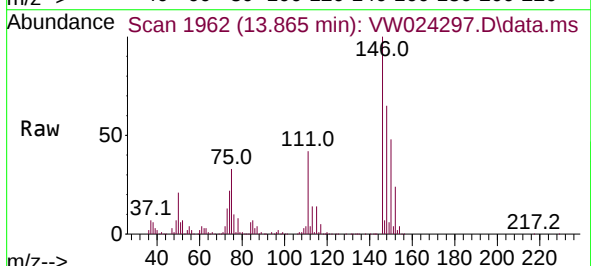
Tgt Ion:146 Resp: 208034

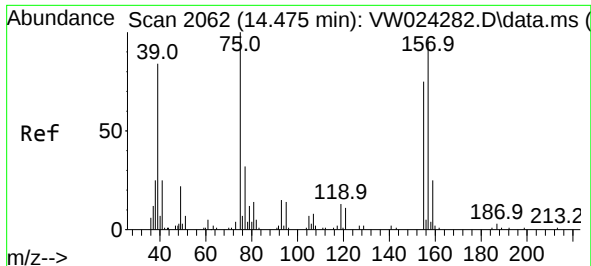
Ion Ratio Lower Upper

146 100

111 42.3 29.0 43.6

148 64.8 47.8 71.8





#68

1,2-Dibromo-3-chloropropane

Concen: 28.702 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.006 min

Lab File: VW024297.D

Acq: 19 Aug 2022 17:34

Instrument :

MSVOA_W

ClientSampleId :

VSTD025543

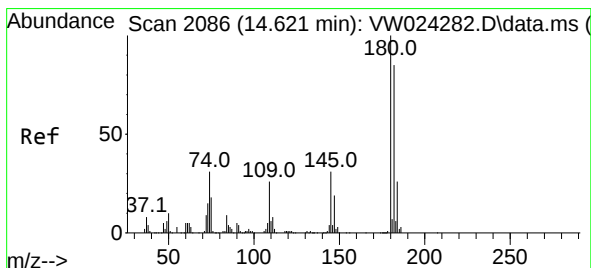
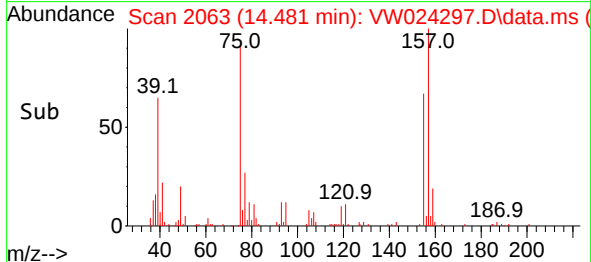
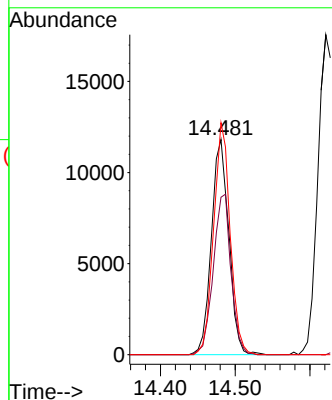
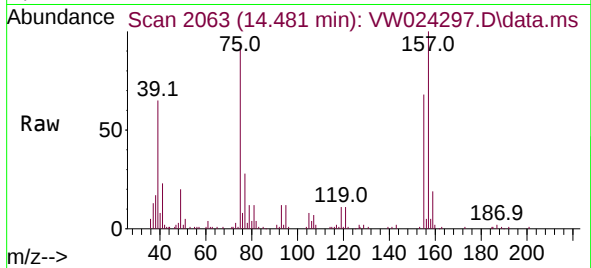
Tgt Ion: 75 Resp: 19151

Ion Ratio Lower Upper

75 100

155 73.2 68.8 103.2

157 107.8 91.5 137.3



#69

1,3,5-Trichlorobenzene

Concen: 25.590 ug/L

RT: 14.621 min Scan# 2086

Delta R.T. 0.000 min

Lab File: VW024297.D

Acq: 19 Aug 2022 17:34

Tgt Ion:180 Resp: 142741

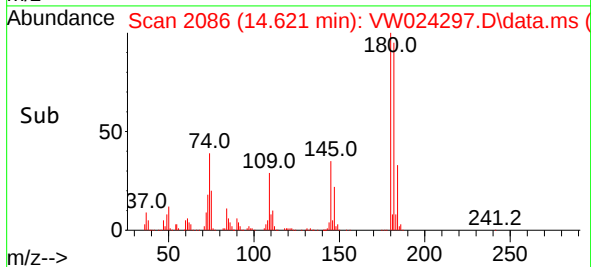
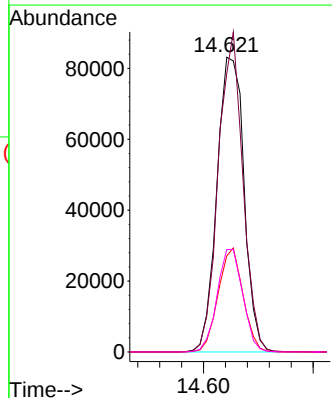
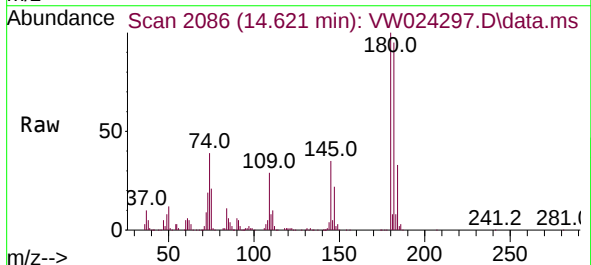
Ion Ratio Lower Upper

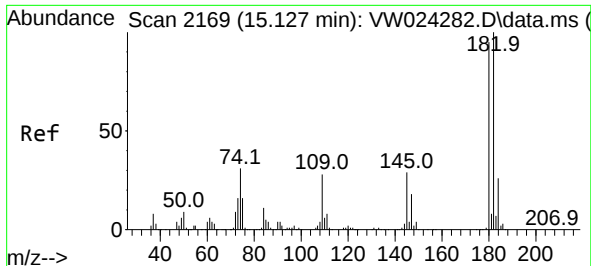
180 100

182 98.2 78.4 117.6

184 32.4 24.7 37.1

145 32.9 25.9 38.9

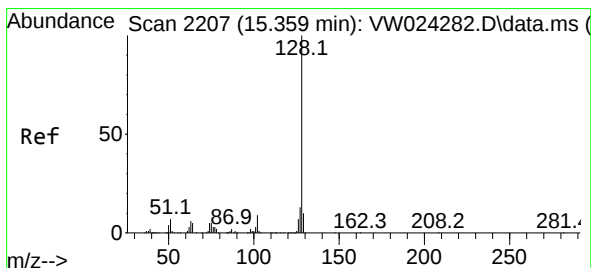
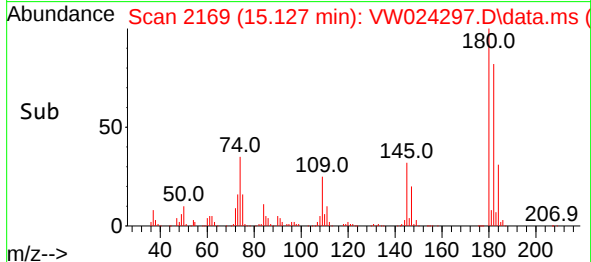
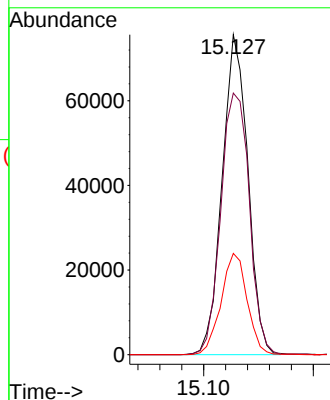
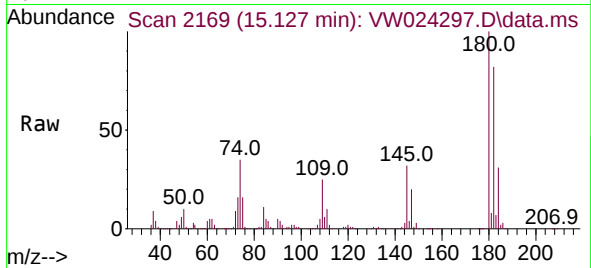




#70
1,2,4-trichlorobenzene
Concen: 27.566 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. 0.000 min
Lab File: VW024297.D
Acq: 19 Aug 2022 17:34

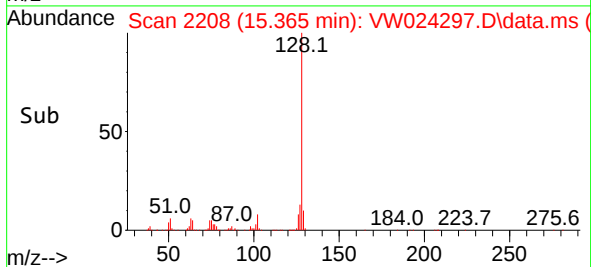
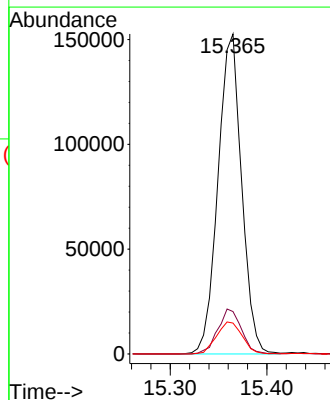
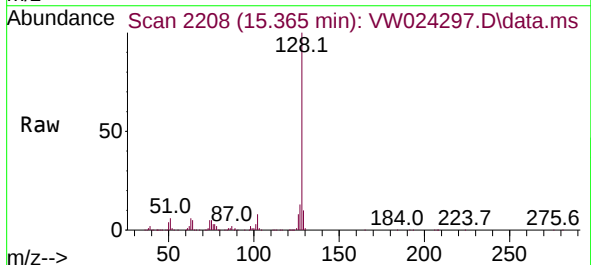
Instrument :
MSVOA_W
ClientSampleId :
VSTD025543

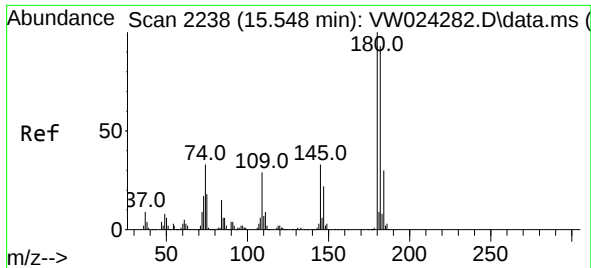
Tgt Ion:180 Resp: 123137
Ion Ratio Lower Upper
180 100
182 90.7 75.0 112.4
145 32.0 25.1 37.7



#71
Naphthalene
Concen: 29.734 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. 0.006 min
Lab File: VW024297.D
Acq: 19 Aug 2022 17:34

Tgt Ion:128 Resp: 258712
Ion Ratio Lower Upper
128 100
127 14.0 10.7 16.1
129 10.8 8.8 13.2





#72
 1,2,3-Trichlorobenzene
 Concen: 26.694 ug/L
 RT: 15.554 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VW024297.D
 Acq: 19 Aug 2022 17:34

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025543

Tgt Ion:	180	Resp:	108561
Ion	Ratio	Lower	Upper
180	100		
182	93.0	75.4	113.2
145	32.3	26.9	40.3

