

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080822\
 Data File : VW024204.D
 Acq On : 08 Aug 2022 18:26
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025525

Quant Time: Aug 09 04:15:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Aug 09 04:14:12 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	329131	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	320527	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	186873	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.337	65	139444	20.269	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.080%
7) Chloroethane-d5	2.873	69	98369	22.953	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.800%
11) 1,1-Dichloroethene-d2	4.007	63	147038	18.754	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	75.000%
21) 2-Butanone-d5	7.080	46	66568	52.009	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.020%
24) Chloroform-d	7.640	84	220157	22.107	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.440%
26) 1,2-Dichloroethane-d4	8.305	65	122426	22.143	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.560%
32) Benzene-d6	8.268	84	413905	21.896	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.600%
36) 1,2-Dichloropropane-d6	9.274	67	126717	22.704	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.800%
41) Toluene-d8	10.323	98	390247	22.087	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.360%
43) trans-1,3-Dichloroprop...	10.579	79	52257	21.376	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.520%
47) 2-Hexanone-d5	10.926	63	58865	57.100	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	114.200%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	128453	23.721	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.880%
66) 1,2-Dichlorobenzene-d4	13.853	152	150850	22.059	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.240%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.001	85	80891	27.935	ug/L	92
3) Chloromethane	2.209	50	138694	25.539	ug/L	99
5) Vinyl chloride	2.349	62	179819	23.786	ug/L	99
6) Bromomethane	2.763	94	91909	21.204	ug/L	93
8) Chloroethane	2.910	64	86612	26.155	ug/L	99
9) Trichlorofluoromethane	3.239	101	56356	15.726	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.044	101	102038	21.112	ug/L	97
12) 1,1-Dichloroethene	4.025	96	81693	20.646	ug/L	95
14) Carbon disulfide	4.373	76	294847	23.286	ug/L	96
15) Methyl Acetate	4.672	43	55023	25.923	ug/L	97
16) Methylene chloride	4.903	84	115611	19.919	ug/L	97
17) trans-1,2-Dichloroethene	5.415	96	109337	23.927	ug/L	97
18) Methyl tert-butyl Ether	5.434	73	174179	26.732	ug/L	99
19) 1,1-Dichloroethane	6.214	63	196517	24.414	ug/L	98
20) cis-1,2-Dichloroethene	7.165	96	129210	25.748	ug/L #	92
22) 2-Butanone	7.171	43	81512	51.333	ug/L	99
23) Bromochloromethane	7.506	128	64424	25.778	ug/L	96
25) Chloroform	7.671	83	224440	25.304	ug/L	94
27) 1,2-Dichloroethane	8.403	62	152590	25.567	ug/L	99

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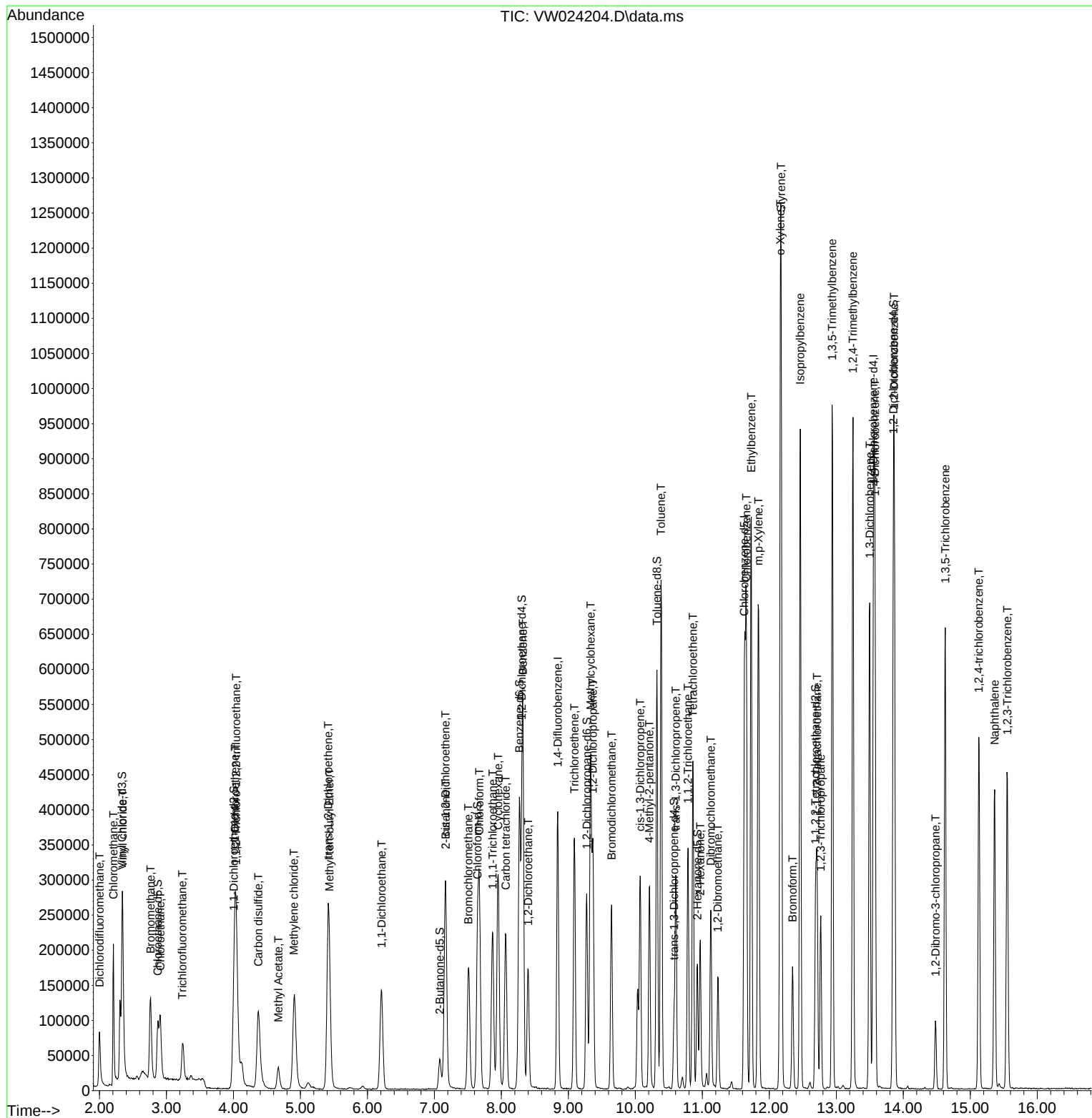
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.951	56	160663	24.449	ug/L	98
30) 1,1,1-Trichloroethane	7.872	97	176992	24.486	ug/L	98
31) Carbon tetrachloride	8.067	117	163674	24.002	ug/L	98
33) Benzene	8.323	78	478410	25.271	ug/L	100
34) Trichloroethene	9.091	95	122976	24.577	ug/L	94
35) Methylcyclohexane	9.335	83	192665	24.554	ug/L	99
37) 1,2-Dichloropropane	9.366	63	120843	25.823	ug/L	99
38) Bromodichloromethane	9.646	83	166276	25.333	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	172397	25.041	ug/L	93
40) 4-Methyl-2-pentanone	10.207	43	178615	57.511	ug/L	98
42) Toluene	10.384	91	526861	26.190	ug/L	99
44) trans-1,3-Dichloropropene	10.603	75	157469	25.032	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	103789	26.314	ug/L	97
46) Tetrachloroethene	10.859	164	101391	25.029	ug/L	95
48) 2-Hexanone	10.969	43	126814	60.166	ug/L	99
49) Dibromochloromethane	11.128	129	128554	27.073	ug/L	98
50) 1,2-Dibromoethane	11.231	107	103152	27.296	ug/L #	99
51) Chlorobenzene	11.658	112	351930	25.605	ug/L	97
52) Ethylbenzene	11.731	91	565184	25.643	ug/L	96
53) m,p-Xylene	11.841	106	226578	26.409	ug/L	92
54) o-Xylene	12.164	106	221489	27.327	ug/L	98
55) Styrene	12.176	104	387536	27.491	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	134059	27.196	ug/L	97
59) Bromoform	12.347	173	75476	26.479	ug/L	100
60) Isopropylbenzene	12.463	105	589805	26.072	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	95138	25.582	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	496610	26.564	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	487455	26.476	ug/L	98
64) 1,3-Dichlorobenzene	13.499	146	287626	25.965	ug/L	95
65) 1,4-Dichlorobenzene	13.578	146	296873	25.308	ug/L	96
67) 1,2-Dichlorobenzene	13.865	146	269160	25.587	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.481	75	22176	25.522	ug/L	99
69) 1,3,5-Trichlorobenzene	14.627	180	197196	27.147	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	159732	27.459	ug/L	99
71) Naphthalene	15.365	128	357211	31.526	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	148697	28.077	ug/L	99

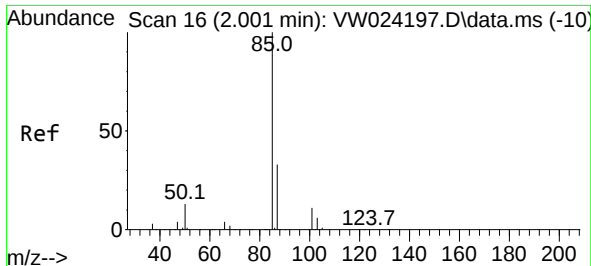
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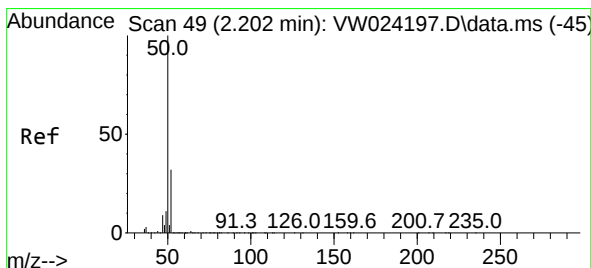
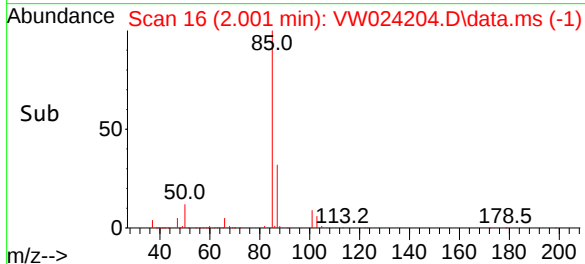
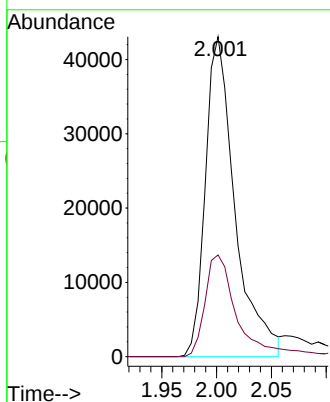
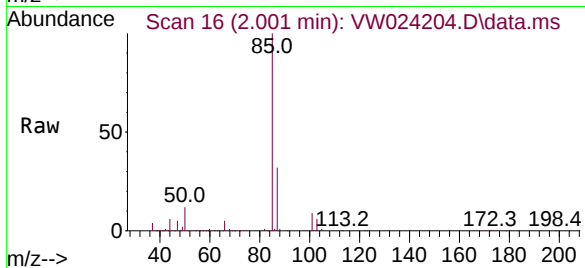




#2
Dichlorodifluoromethane
Concen: 27.935 ug/L
RT: 2.001 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW024204.D
Acq: 08 Aug 2022 18:26

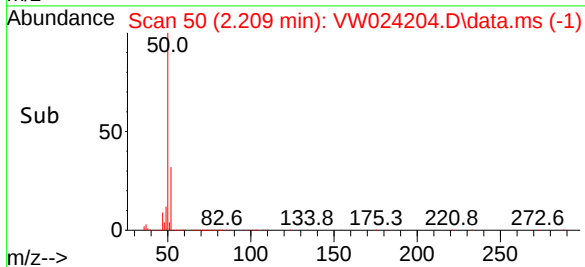
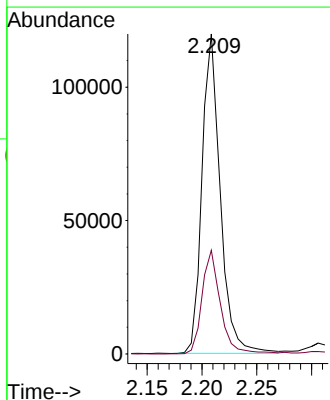
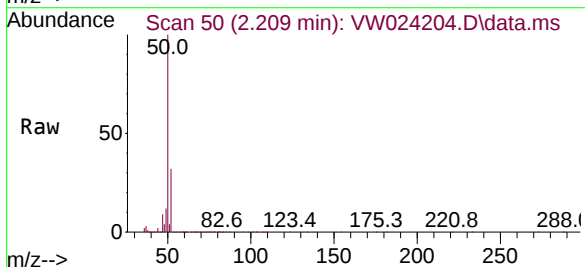
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MSVOA_W
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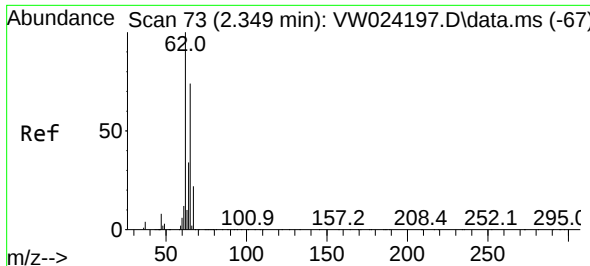
Tgt Ion: 85 Resp: 80891
Ion Ratio Lower Upper
85 100
87 34.8 24.5 36.7



#3
Chloromethane
Concen: 25.539 ug/L
RT: 2.209 min Scan# 50
Delta R.T. 0.006 min
Lab File: VW024204.D
Acq: 08 Aug 2022 18:26

Tgt Ion: 50 Resp: 138694
Ion Ratio Lower Upper
50 100
52 32.4 23.2 43.2

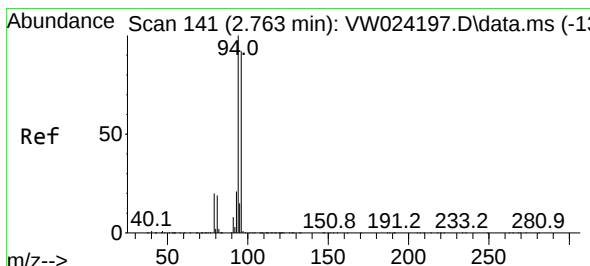
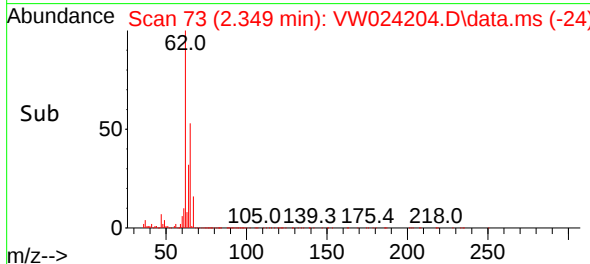
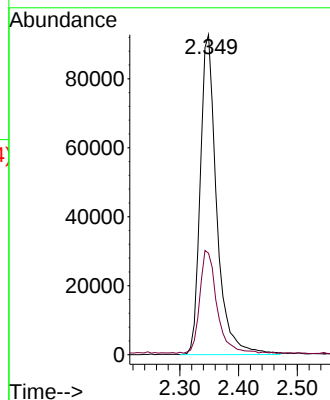
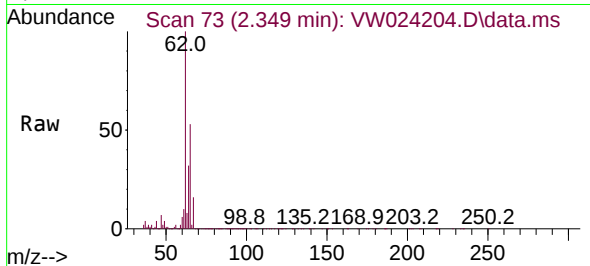




#5
 Vinyl chloride
 Concen: 23.786 ug/L
 RT: 2.349 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VW024204.D
 Acq: 08 Aug 2022 18:26

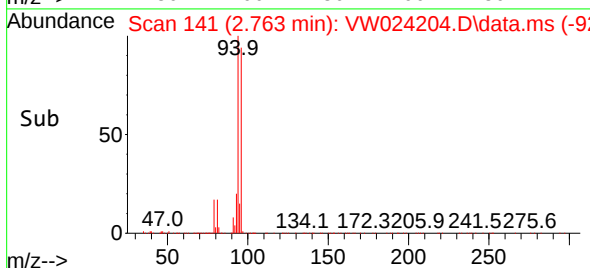
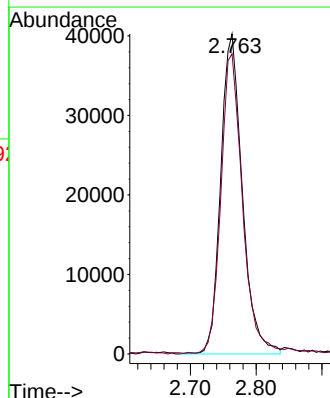
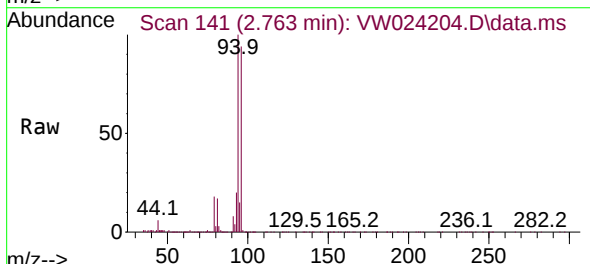
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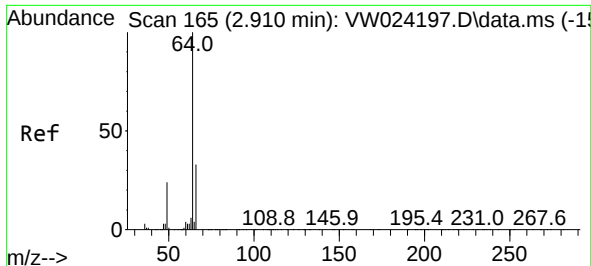
Tgt Ion: 62 Resp: 179819
 Ion Ratio Lower Upper
 62 100
 64 31.7 22.7 42.3



#6
 Bromomethane
 Concen: 21.204 ug/L
 RT: 2.763 min Scan# 141
 Delta R.T. 0.000 min
 Lab File: VW024204.D
 Acq: 08 Aug 2022 18:26

Tgt Ion: 94 Resp: 91909
 Ion Ratio Lower Upper
 94 100
 96 93.8 61.0 113.4

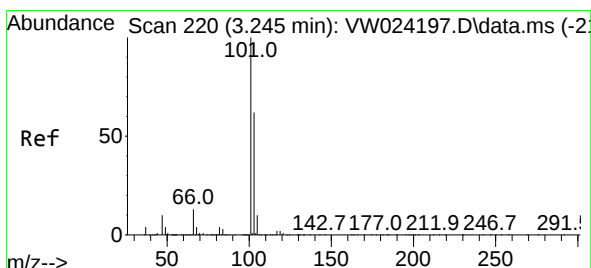
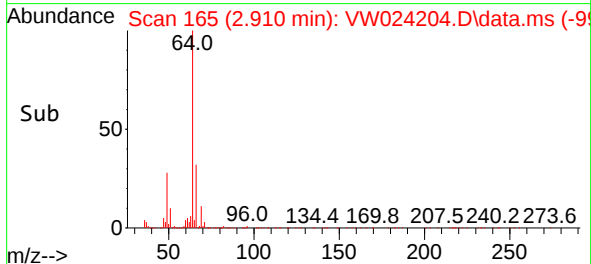
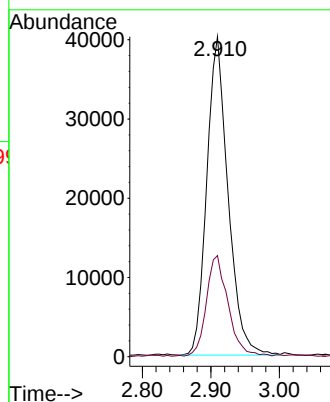
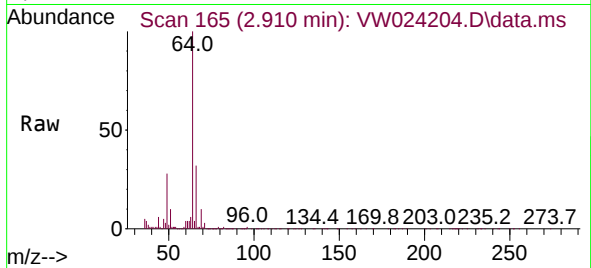




#8
Chloroethane
Concen: 26.155 ug/L
RT: 2.910 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW024204.D
Acq: 08 Aug 2022 18:26

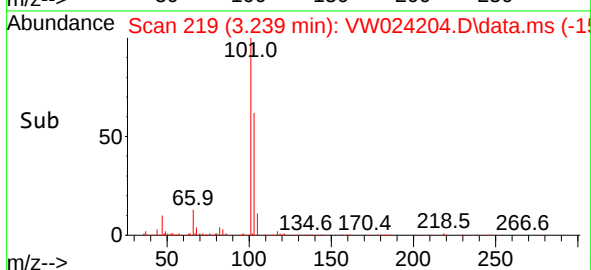
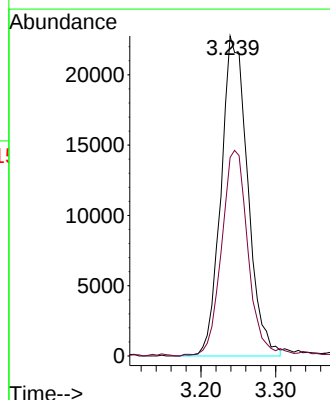
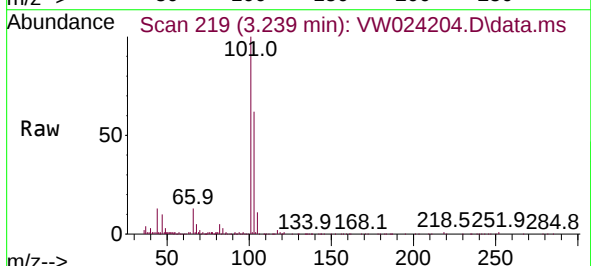
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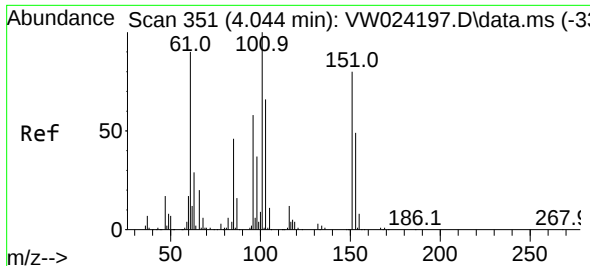
Tgt Ion: 64 Resp: 86612
Ion Ratio Lower Upper
64 100
66 31.6 21.6 40.0



#9
Trichlorofluoromethane
Concen: 15.726 ug/L
RT: 3.239 min Scan# 219
Delta R.T. -0.006 min
Lab File: VW024204.D
Acq: 08 Aug 2022 18:26

Tgt Ion: 101 Resp: 56356
Ion Ratio Lower Upper
101 100
103 63.0 50.5 75.7

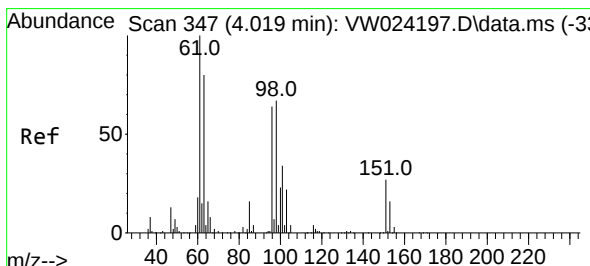
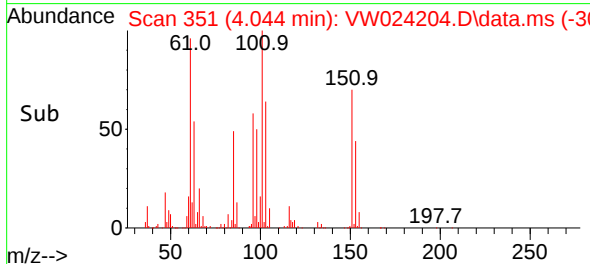
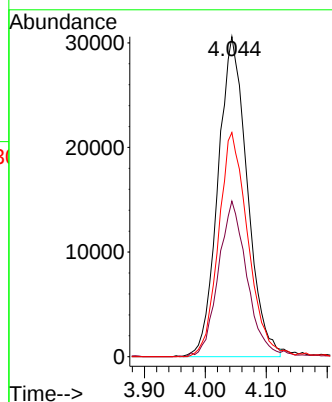
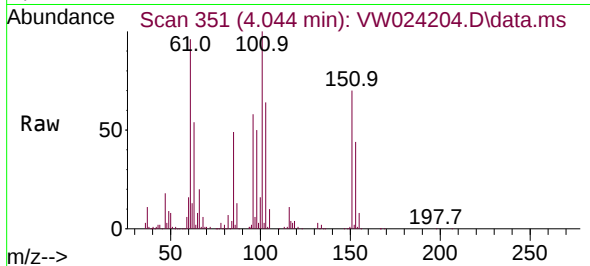




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 21.112 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. 0.000 min
 Lab File: VW024204.D
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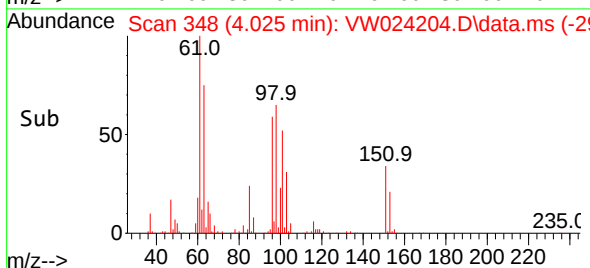
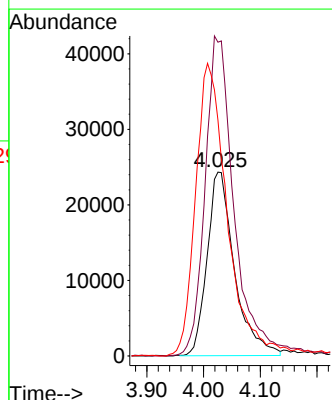
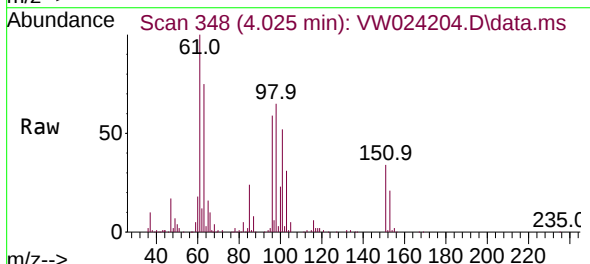
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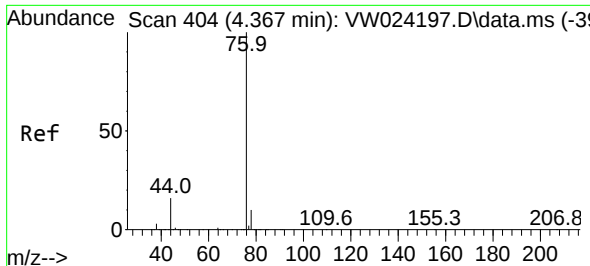
Tgt Ion:101 Resp: 102038
 Ion Ratio Lower Upper
 101 100
 85 47.0 34.9 52.3
 151 69.9 57.0 85.6



#12
 1,1-Dichloroethene
 Concen: 20.646 ug/L
 RT: 4.025 min Scan# 348
 Delta R.T. 0.006 min
 Lab File: VW024204.D
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Tgt Ion: 96 Resp: 81693
 Ion Ratio Lower Upper
 96 100
 61 170.6 123.1 228.5
 63 128.1 84.9 157.7

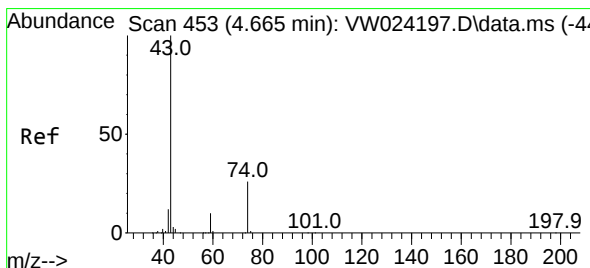
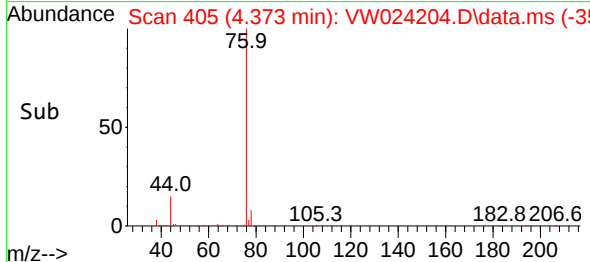
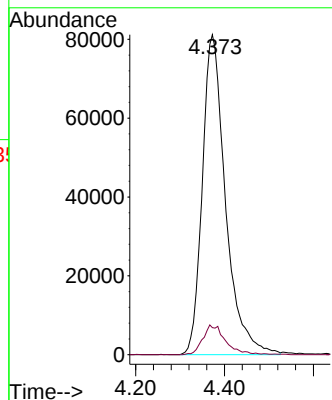
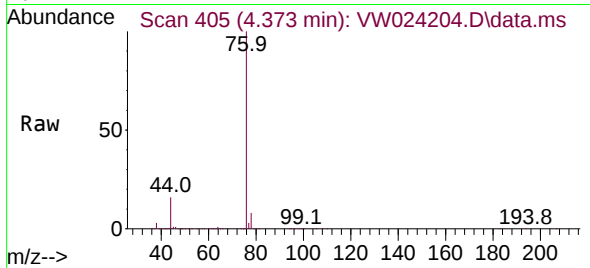




#14
Carbon disulfide
Concen: 23.286 ug/L
RT: 4.373 min Scan# 405
Delta R.T. 0.006 min
Lab File: VW024204.D
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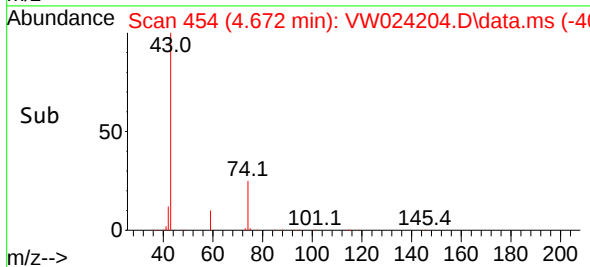
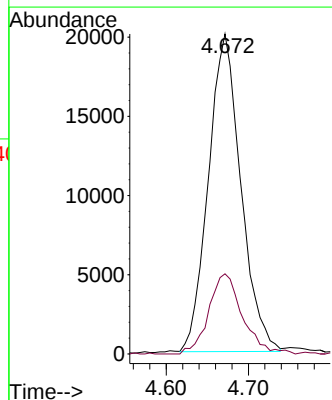
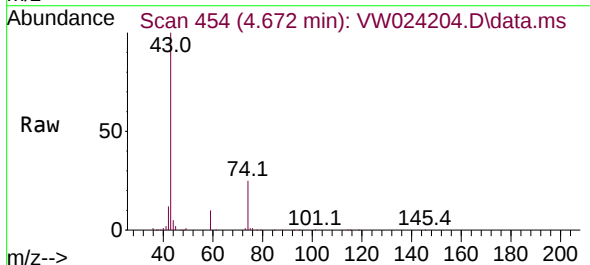
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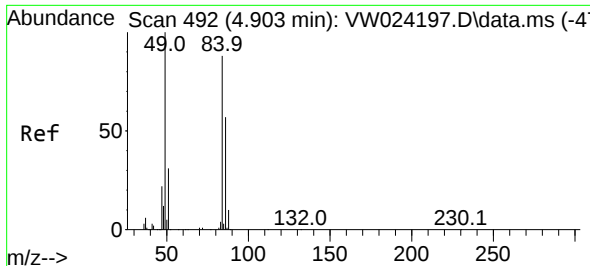
Tgt Ion: 76 Resp: 294847
Ion Ratio Lower Upper
76 100
78 8.5 7.9 11.9



#15
Methyl Acetate
Concen: 25.923 ug/L
RT: 4.672 min Scan# 454
Delta R.T. 0.006 min
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Tgt Ion: 43 Resp: 55023
Ion Ratio Lower Upper
43 100
74 25.5 21.5 32.3

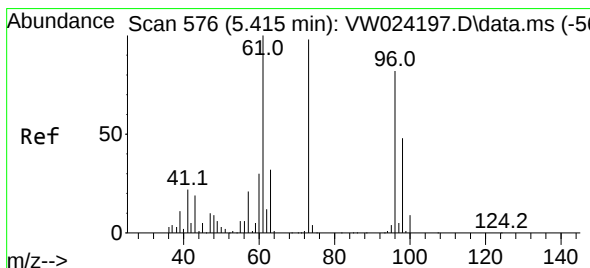
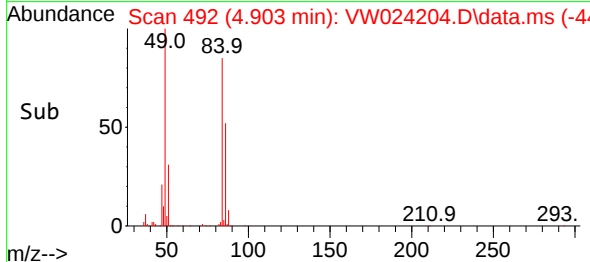
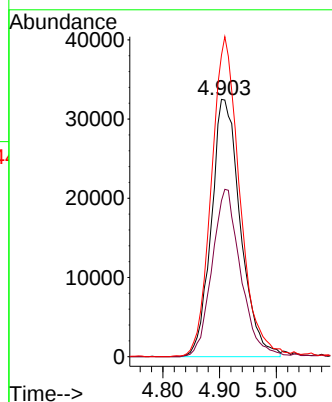
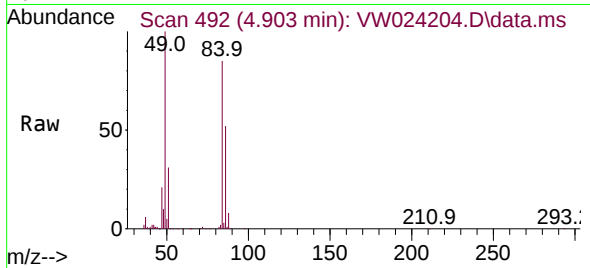




#16
Methylene chloride
Concen: 19.919 ug/L
RT: 4.903 min Scan# 492
Delta R.T. 0.000 min
Lab File: VW024204.D
Acq: 08 Aug 2022 18:26

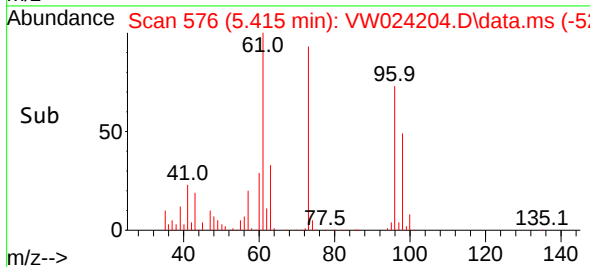
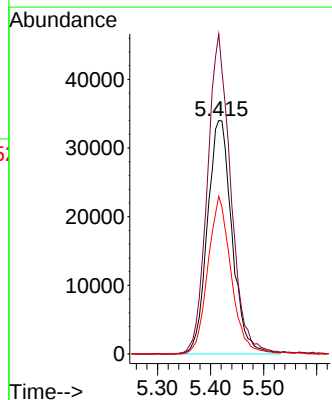
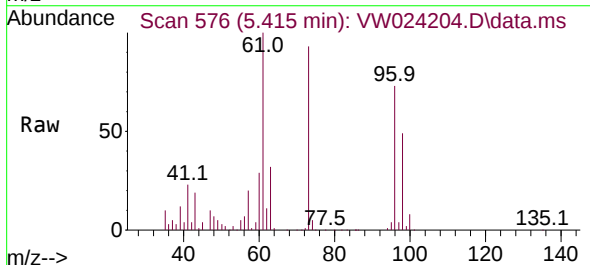
Instrument :
MSVOA_W
ClientSampleId :
VSTD025525

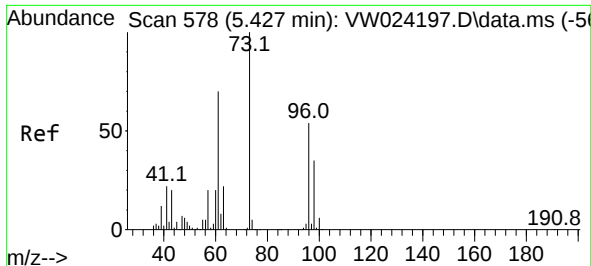
Tgt Ion: 84 Resp: 115611
Ion Ratio Lower Upper
84 100
86 60.6 42.8 79.6
49 117.2 85.3 158.3



#17
trans-1,2-Dichloroethene
Concen: 23.927 ug/L
RT: 5.415 min Scan# 576
Delta R.T. 0.000 min
Lab File: VW024204.D
Acq: 08 Aug 2022 18:26

Tgt Ion: 96 Resp: 109337
Ion Ratio Lower Upper
96 100
61 137.0 93.0 172.8
98 67.5 48.5 90.1

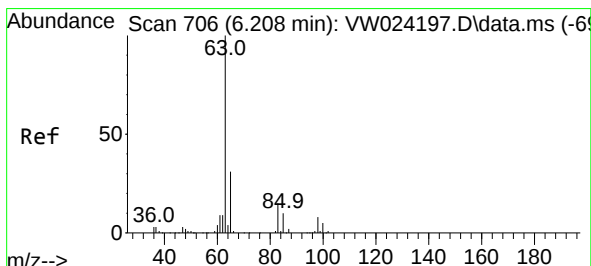
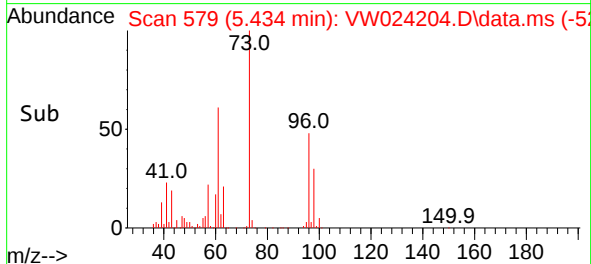
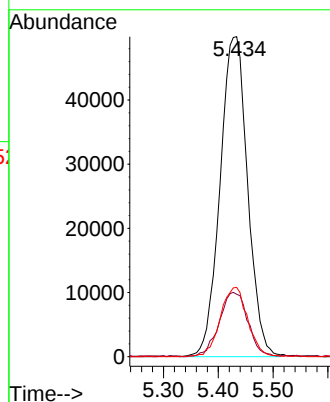
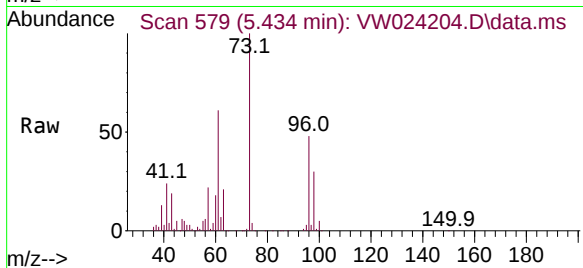




#18
Methyl tert-butyl Ether
Concen: 26.732 ug/L
RT: 5.434 min Scan# 51
Delta R.T. 0.006 min
Lab File: VW024204.D
Acq: 08 Aug 2022 18:26

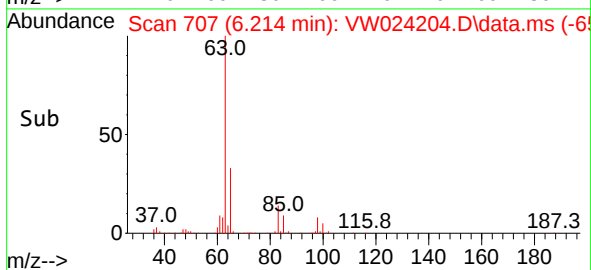
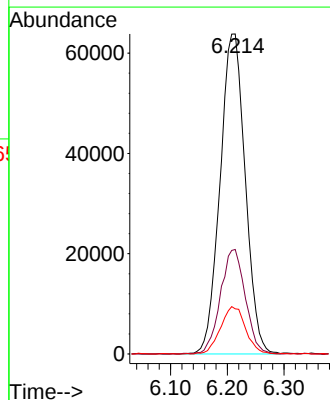
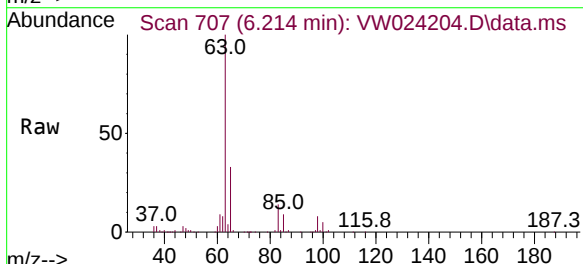
Instrument :
MSVOA_W
ClientSampleId :
VSTD025525

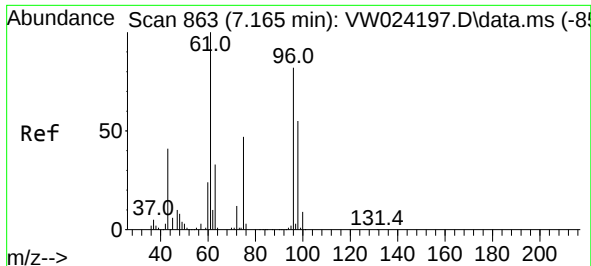
Tgt Ion: 73 Resp: 174179
Ion Ratio Lower Upper
73 100
43 20.9 16.6 24.8
57 21.0 17.6 26.4



#19
1,1-Dichloroethane
Concen: 24.414 ug/L
RT: 6.214 min Scan# 707
Delta R.T. 0.006 min
Lab File: VW024204.D
Acq: 08 Aug 2022 18:26

Tgt Ion: 63 Resp: 196517
Ion Ratio Lower Upper
63 100
65 32.6 22.0 41.0
83 14.1 9.2 17.0

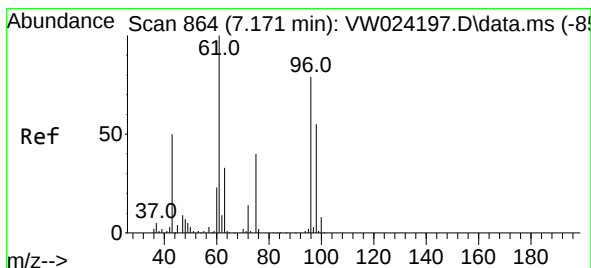
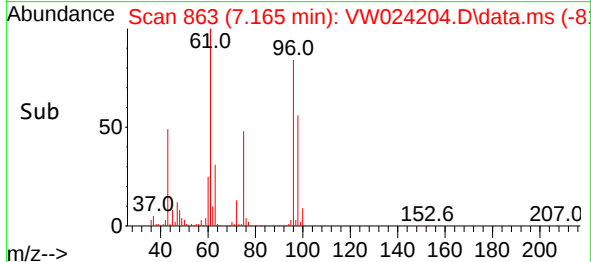
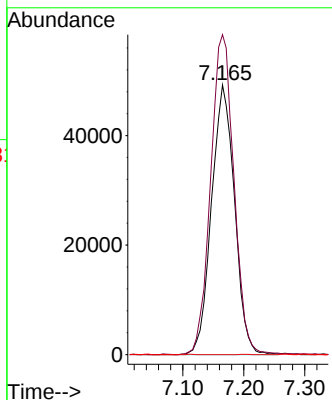
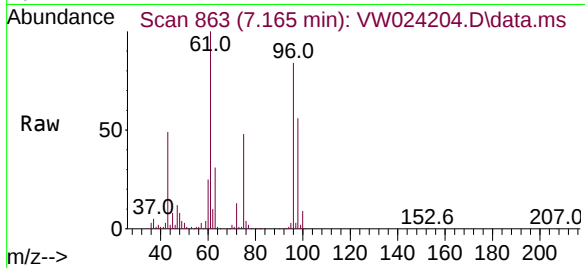




#20
 cis-1,2-Dichloroethene
 Concen: 25.748 ug/L
 RT: 7.165 min Scan# 863
 Delta R.T. 0.000 min
 Lab File: VW024204.D
 Acq: 08 Aug 2022 18:26

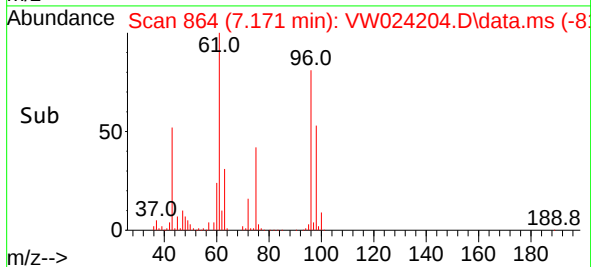
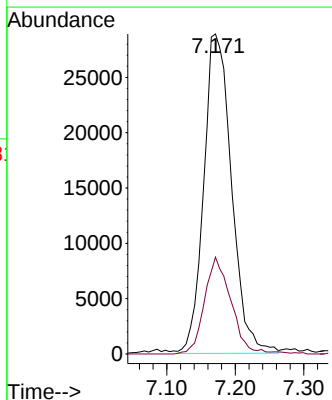
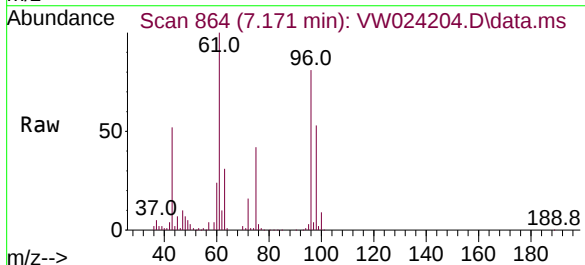
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025525

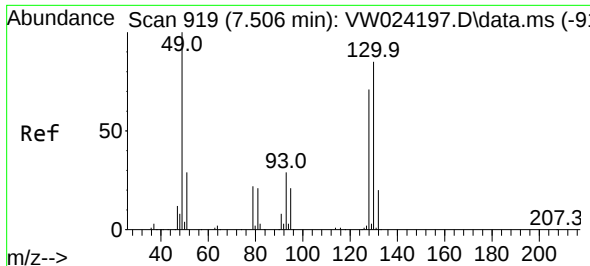
Tgt Ion: 96 Resp: 129210
 Ion Ratio Lower Upper
 96 100
 61 118.6 89.5 166.3
 68 0.0 0.1 0.1#



#22
 2-Butanone
 Concen: 51.333 ug/L
 RT: 7.171 min Scan# 864
 Delta R.T. 0.000 min
 Lab File: VW024204.D
 Acq: 08 Aug 2022 18:26

Tgt Ion: 43 Resp: 81512
 Ion Ratio Lower Upper
 43 100
 72 28.3 14.3 42.9

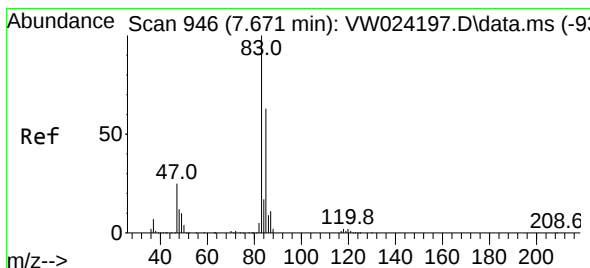
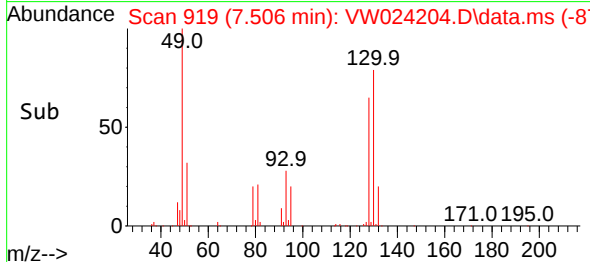
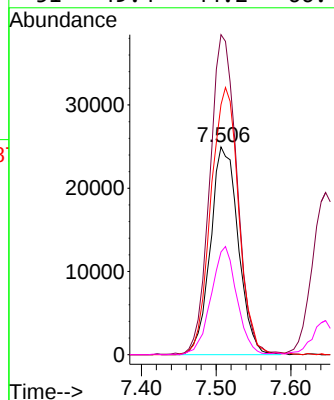
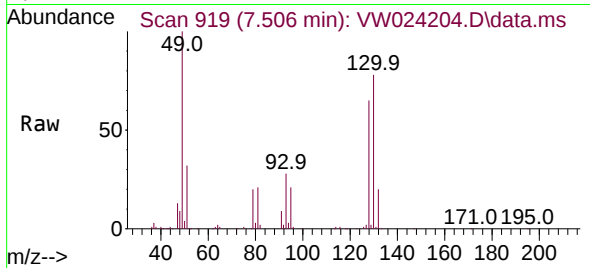




#23
Bromochloromethane
Concen: 25.778 ug/L
RT: 7.506 min Scan# 919
Delta R.T. 0.000 min
Lab File: VW024204.D
Acq: 08 Aug 2022 18:26

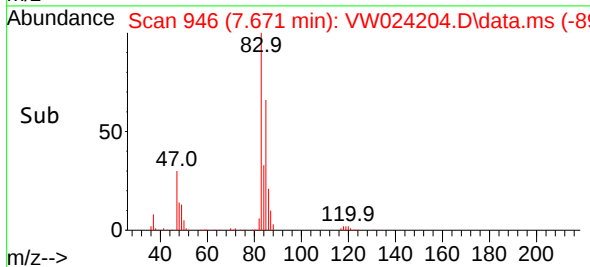
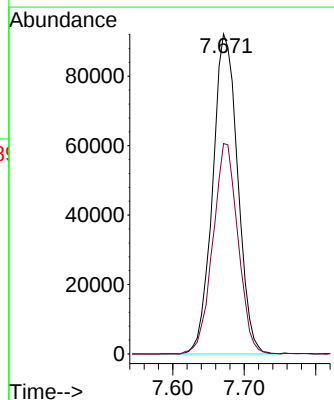
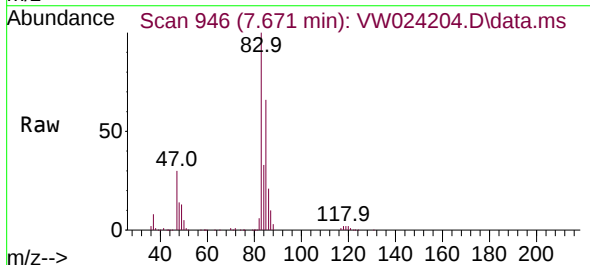
Instrument :
MSVOA_W
ClientSampleId :
VSTD025525

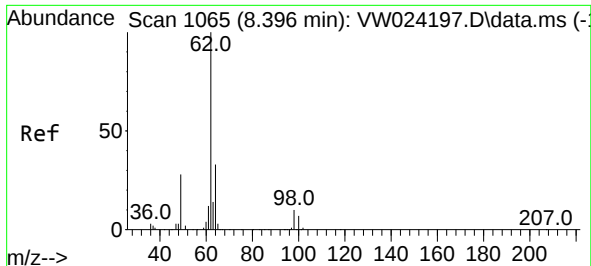
Tgt Ion:	128	Resp:	64424
Ion	Ratio	Lower	Upper
128	100		
49	154.0	106.6	198.0
130	120.4	88.1	163.5
51	49.4	44.2	66.4



#25
Chloroform
Concen: 25.304 ug/L
RT: 7.671 min Scan# 946
Delta R.T. 0.000 min
Lab File: VW024204.D
Acq: 08 Aug 2022 18:26

Tgt Ion:	83	Resp:	224440
Ion	Ratio	Lower	Upper
83	100		
85	65.7	42.9	79.7





#27

1,2-Dichloroethane

Concen: 25.567 ug/L

RT: 8.403 min Scan# 1066

Delta R.T. 0.006 min

Lab File: VW024204.D

Acq: 08 Aug 2022 18:26

Instrument :

MSVOA_W

ClientSampleId :

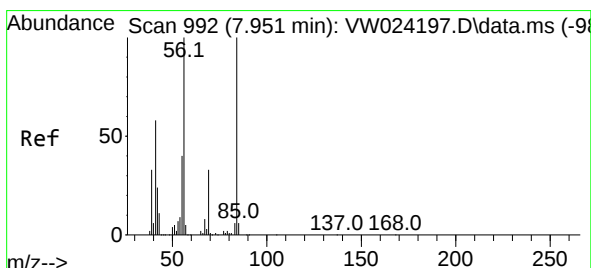
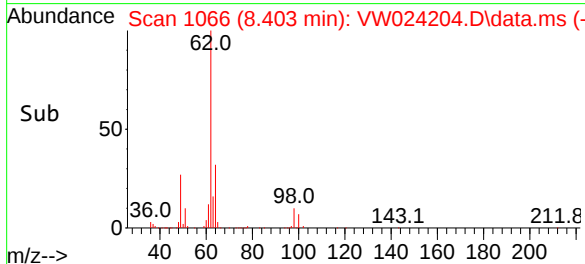
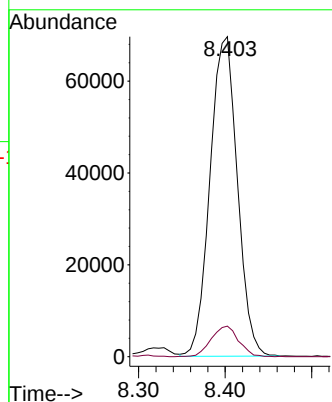
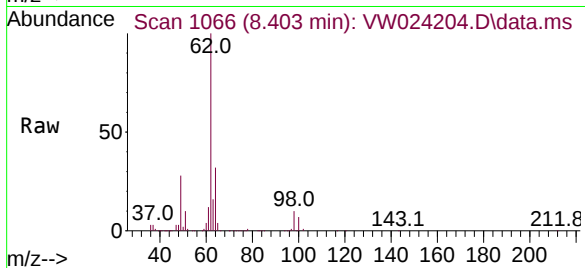
VSTD025525

Tgt Ion: 62 Resp: 152590

Ion Ratio Lower Upper

62 100

98 9.5 7.4 11.0



#29

Cyclohexane

Concen: 24.449 ug/L

RT: 7.951 min Scan# 992

Delta R.T. 0.000 min

Lab File: VW024204.D

Acq: 08 Aug 2022 18:26

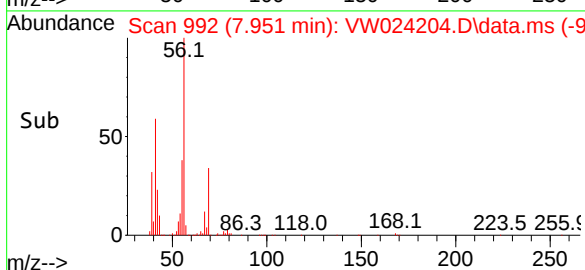
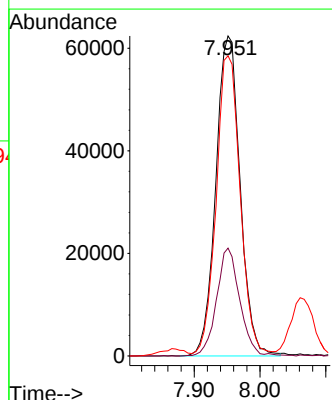
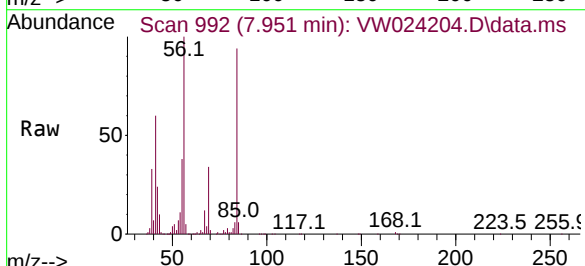
Tgt Ion: 56 Resp: 160663

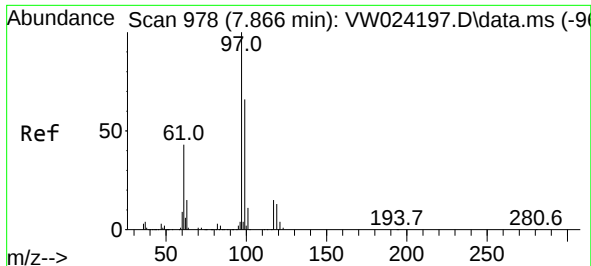
Ion Ratio Lower Upper

56 100

69 31.7 24.5 36.7

84 92.9 75.5 113.3

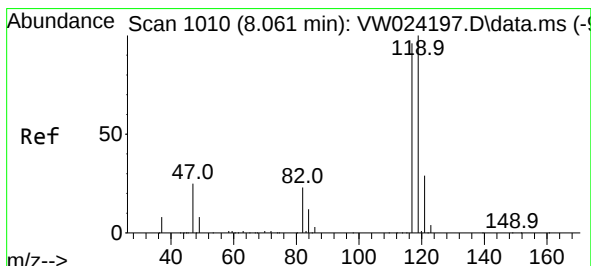
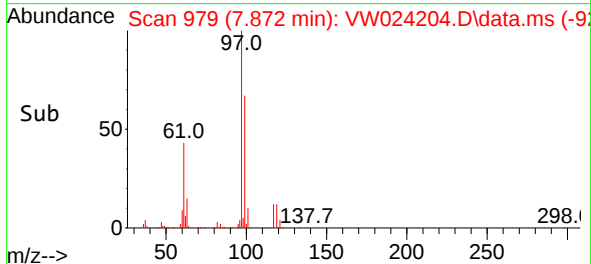
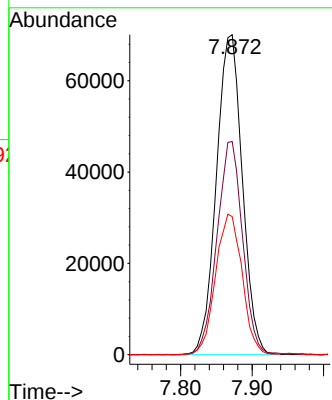
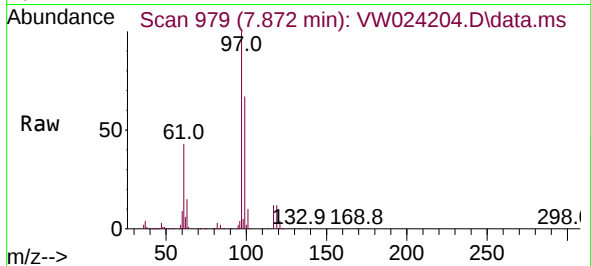




#30
1,1,1-Trichloroethane
Concen: 24.486 ug/L
RT: 7.872 min Scan# 91
Delta R.T. 0.006 min
Lab File: VW024204.D
Acq: 08 Aug 2022 18:26

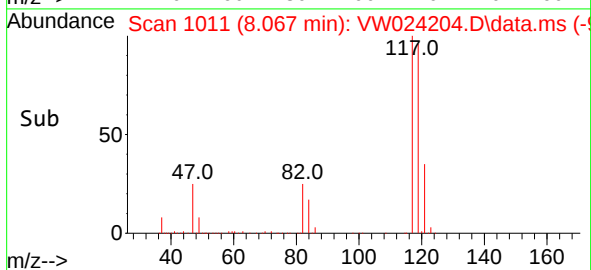
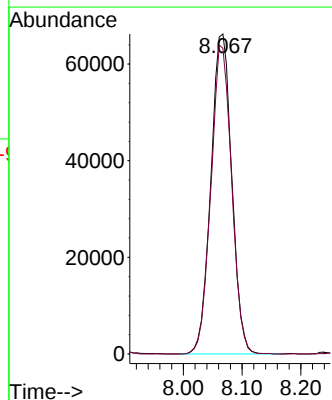
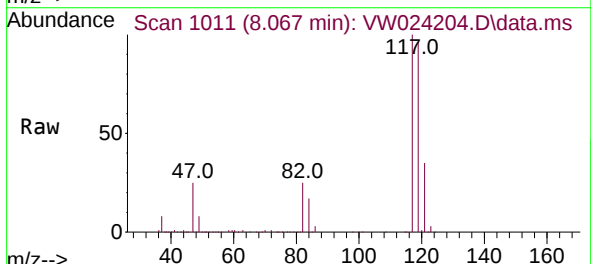
Instrument :
MSVOA_W
ClientSampleId :
VSTD025525

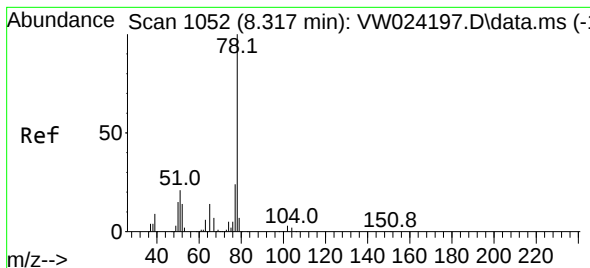
Tgt Ion: 97 Resp: 176992
Ion Ratio Lower Upper
97 100
99 65.7 51.0 76.6
61 44.8 36.2 54.2



#31
Carbon tetrachloride
Concen: 24.002 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. 0.006 min
Lab File: VW024204.D
Acq: 08 Aug 2022 18:26

Tgt Ion: 117 Resp: 163674
Ion Ratio Lower Upper
117 100
119 95.4 77.8 116.8





#33

Benzene

Concen: 25.271 ug/L

RT: 8.323 min Scan# 1053

Delta R.T. 0.006 min

Lab File: VW024204.D

Acq: 08 Aug 2022 18:26

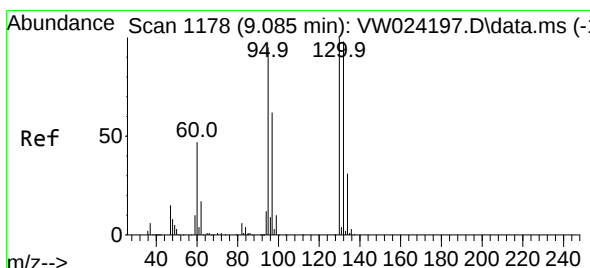
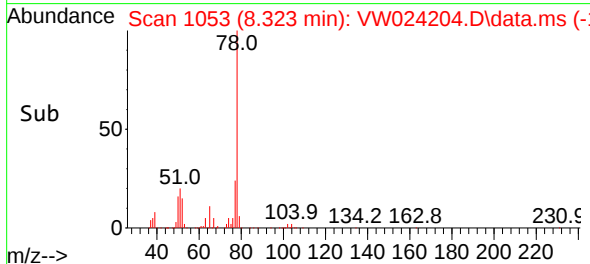
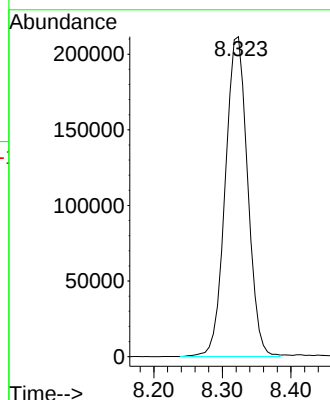
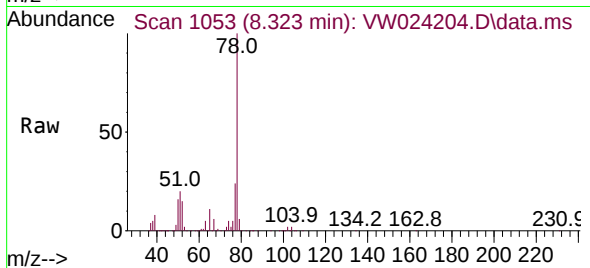
Instrument :

MSVOA_W

ClientSampleId :

VSTD025525

Tgt Ion: 78 Resp: 478410



#34

Trichloroethene

Concen: 24.577 ug/L

RT: 9.091 min Scan# 1179

Delta R.T. 0.006 min

Lab File: VW024204.D

Acq: 08 Aug 2022 18:26

Tgt Ion: 95 Resp: 122976

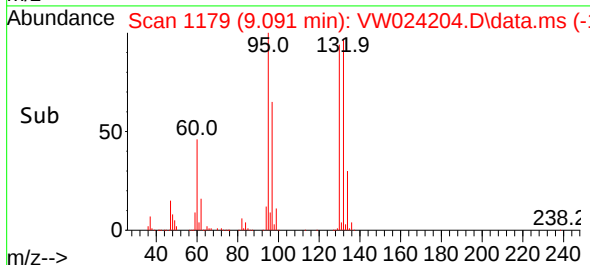
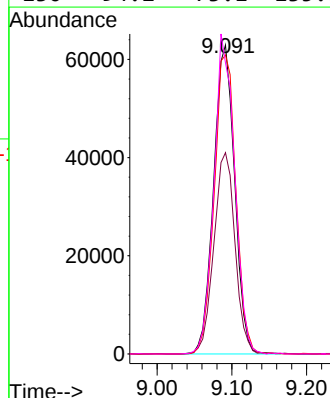
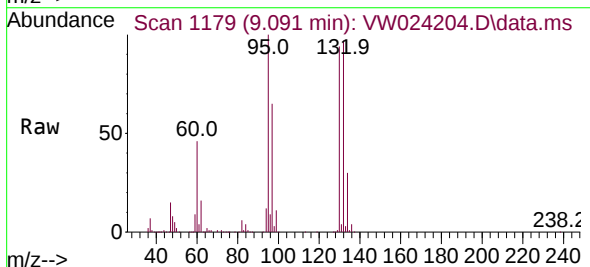
Ion Ratio Lower Upper

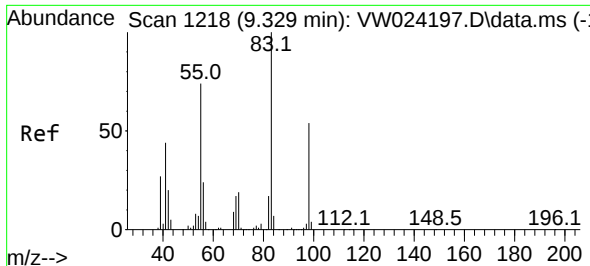
95 100

97 65.2 41.6 77.2

132 96.8 67.0 124.4

130 94.2 73.1 135.8

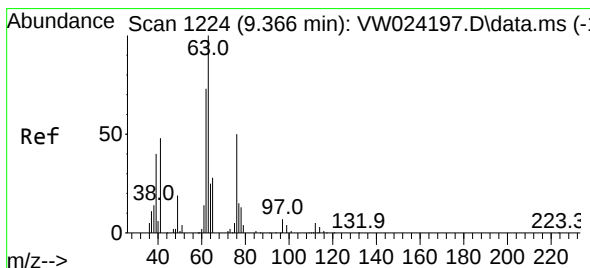
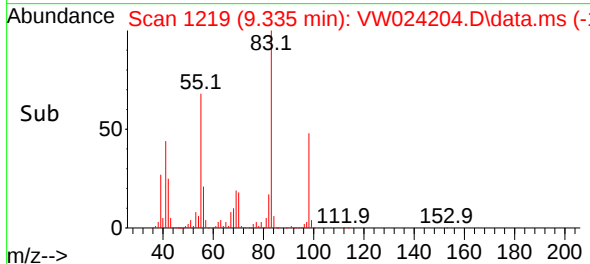
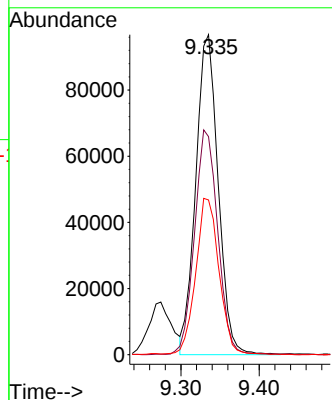
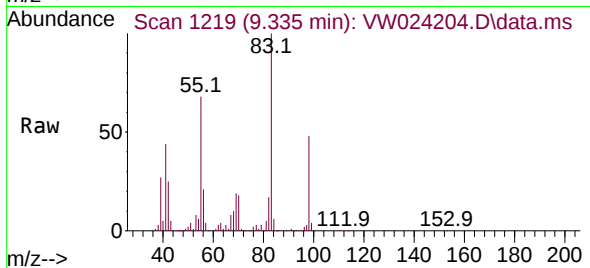




#35
Methylcyclohexane
Concen: 24.554 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. 0.006 min
Lab File: VW024204.D
Acq: 08 Aug 2022 18:26

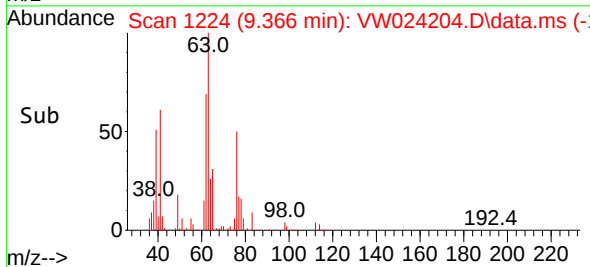
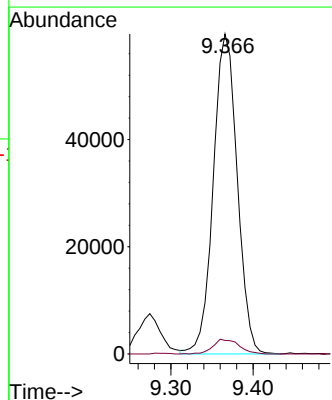
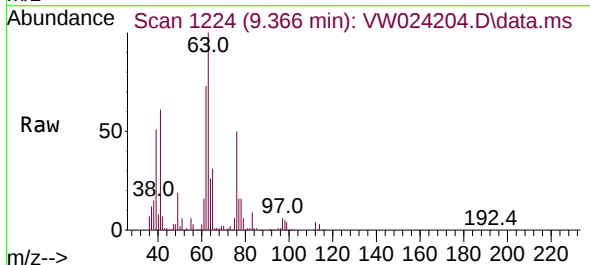
Instrument :
MSVOA_W
ClientSampleId :
VSTD025525

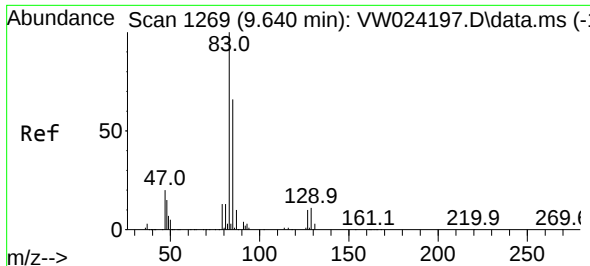
Tgt Ion: 83 Resp: 192665
Ion Ratio Lower Upper
83 100
55 72.8 59.1 88.7
98 51.0 40.8 61.2



#37
1,2-Dichloropropane
Concen: 25.823 ug/L
RT: 9.366 min Scan# 1224
Delta R.T. 0.000 min
Lab File: VW024204.D
Acq: 08 Aug 2022 18:26

Tgt Ion: 63 Resp: 120843
Ion Ratio Lower Upper
63 100
112 5.0 3.8 5.6

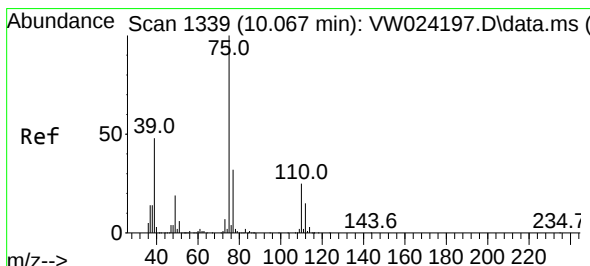
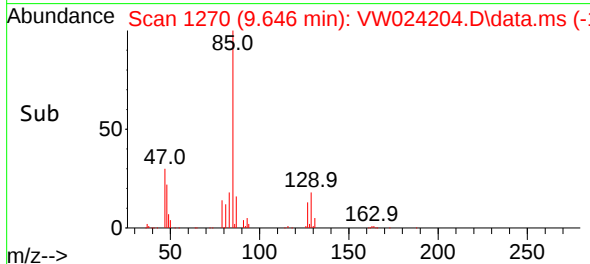
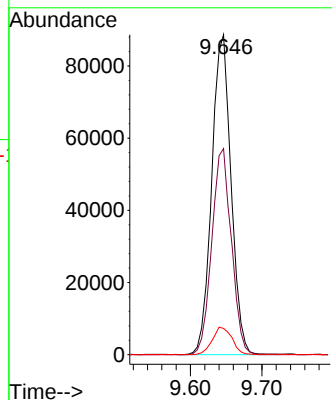
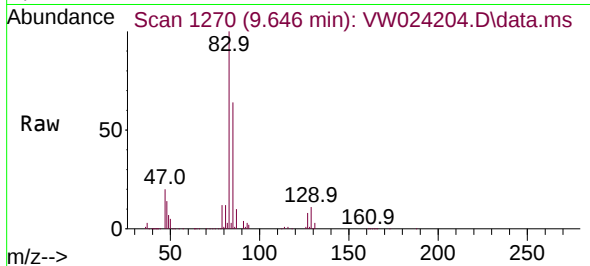




#38
Bromodichloromethane
Concen: 25.333 ug/L
RT: 9.646 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW024204.D
Acq: 08 Aug 2022 18:26

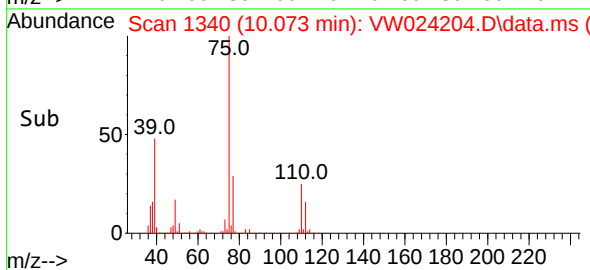
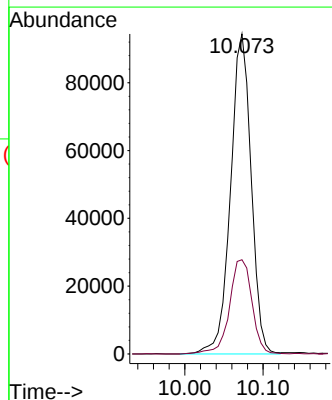
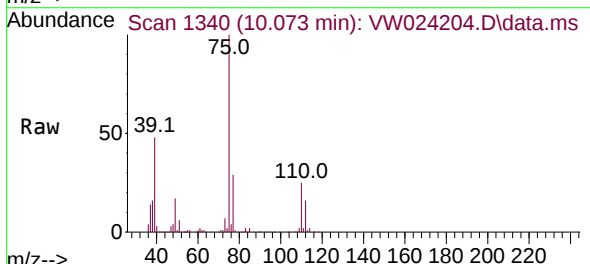
Instrument :
MSVOA_W
ClientSampleId :
VSTD025525

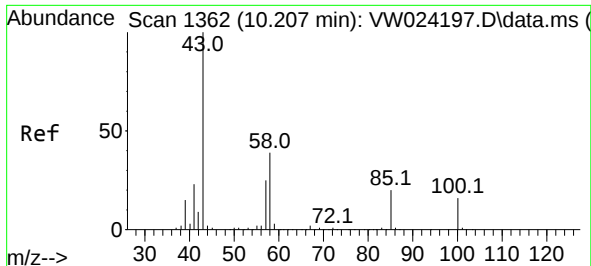
Tgt Ion: 83 Resp: 166276
Ion Ratio Lower Upper
83 100
85 64.4 43.7 81.1
127 8.2 6.9 10.3



#39
cis-1,3-Dichloropropene
Concen: 25.041 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. 0.006 min
Lab File: VW024204.D
Acq: 08 Aug 2022 18:26

Tgt Ion: 75 Resp: 172397
Ion Ratio Lower Upper
75 100
77 29.4 23.4 43.6





#40

4-Methyl-2-pentanone

Concen: 57.511 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW024204.D

Acq: 08 Aug 2022 18:26

Instrument :

MSVOA_W

ClientSampleId :

VSTD025525

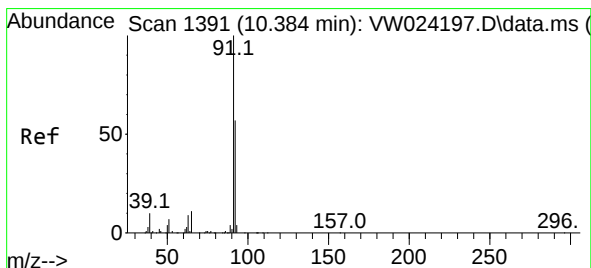
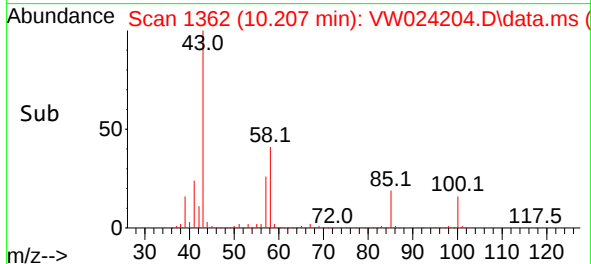
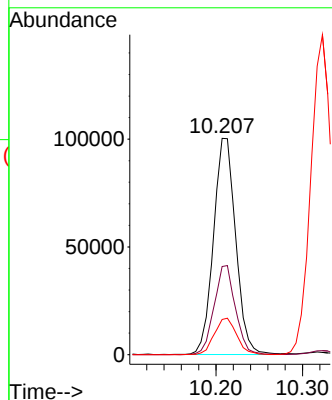
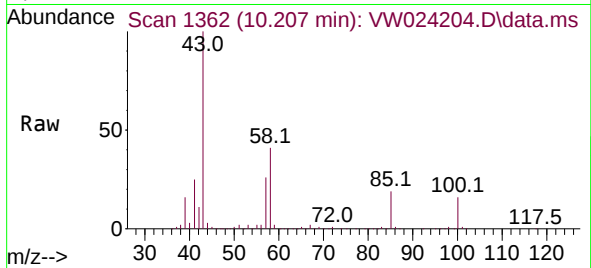
Tgt Ion: 43 Resp: 178615

Ion Ratio Lower Upper

43 100

58 39.6 30.5 45.7

100 16.8 13.8 20.6



#42

Toluene

Concen: 26.190 ug/L

RT: 10.384 min Scan# 1391

Delta R.T. 0.000 min

Lab File: VW024204.D

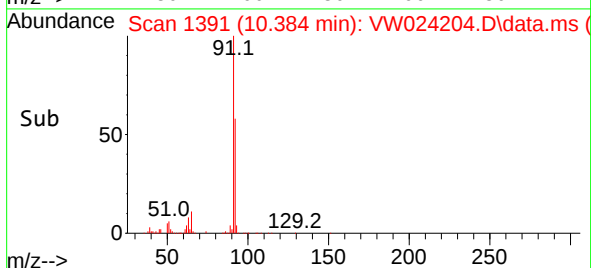
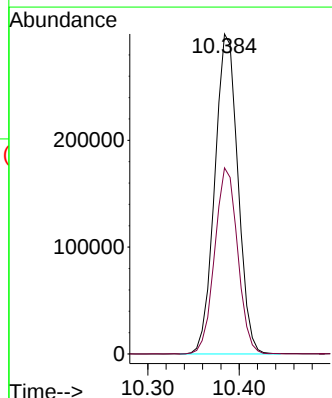
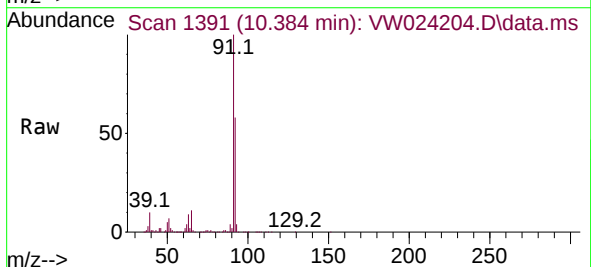
Acq: 08 Aug 2022 18:26

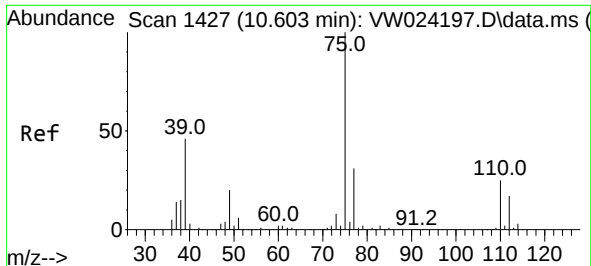
Tgt Ion: 91 Resp: 526861

Ion Ratio Lower Upper

91 100

92 58.1 41.4 77.0

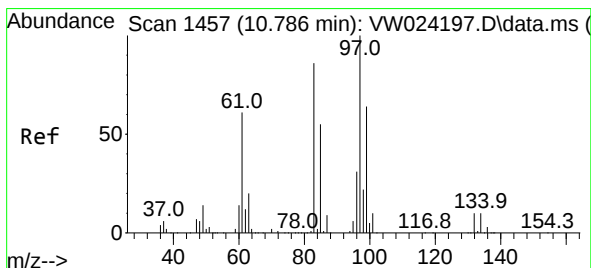
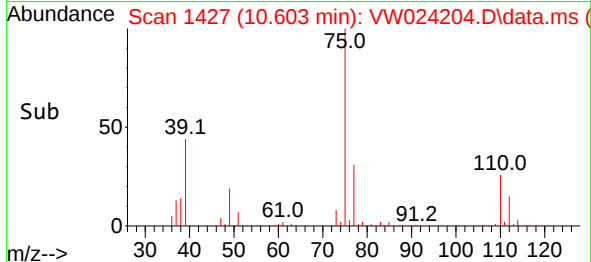
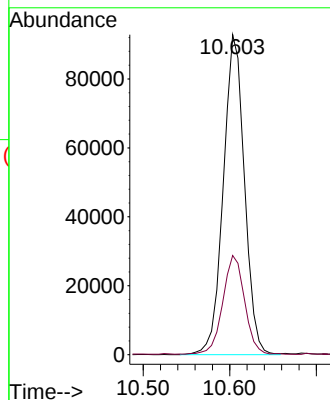
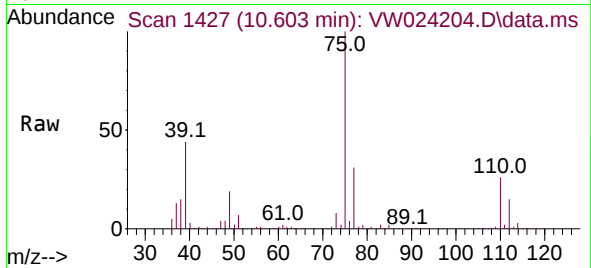




#44
trans-1,3-Dichloropropene
Concen: 25.032 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW024204.D
Acq: 08 Aug 2022 18:26

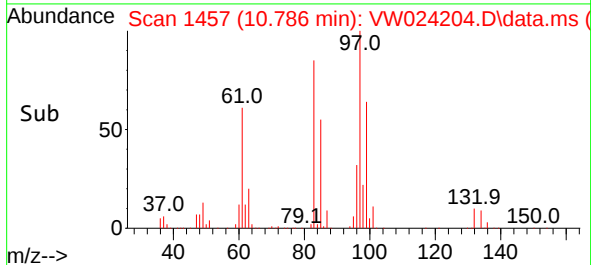
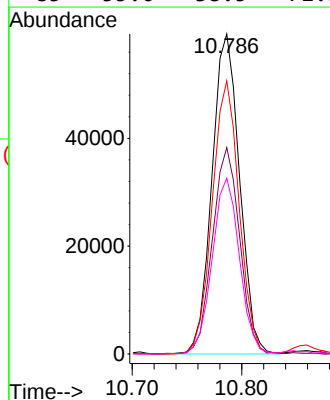
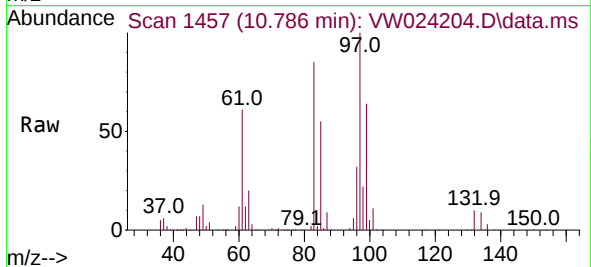
Instrument :
MSVOA_W
ClientSampleId :
VSTD025525

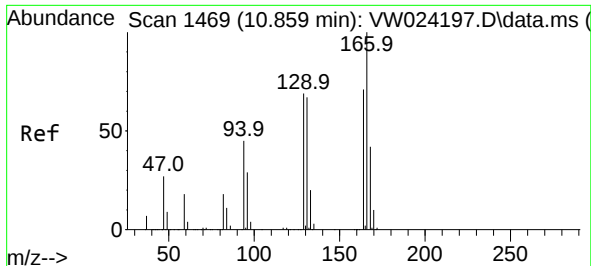
Tgt Ion: 75 Resp: 157469
Ion Ratio Lower Upper
75 100
77 31.0 22.4 41.6



#45
1,1,2-Trichloroethane
Concen: 26.314 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW024204.D
Acq: 08 Aug 2022 18:26

Tgt Ion: 97 Resp: 103789
Ion Ratio Lower Upper
97 100
99 64.5 43.8 81.3
83 85.4 56.4 104.7
85 55.0 38.5 71.5



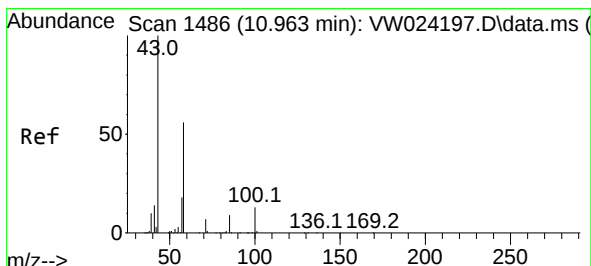
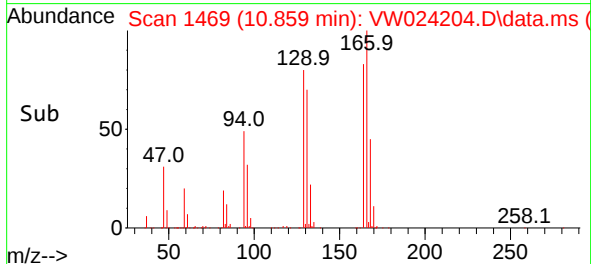
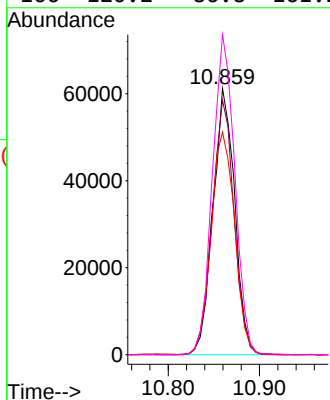
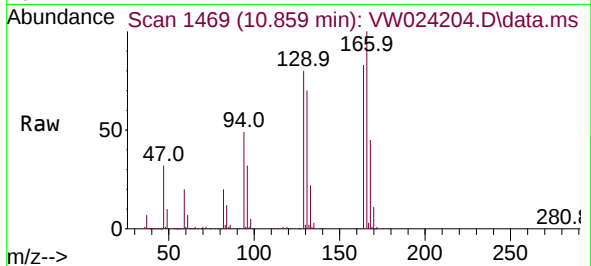


#46
Tetrachloroethene
Concen: 25.029 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW024204.D
Acq: 08 Aug 2022 18:26

Instrument :
MSVOA_W
ClientSampleId :
VSTD025525

Tgt Ion:164 Resp: 101391

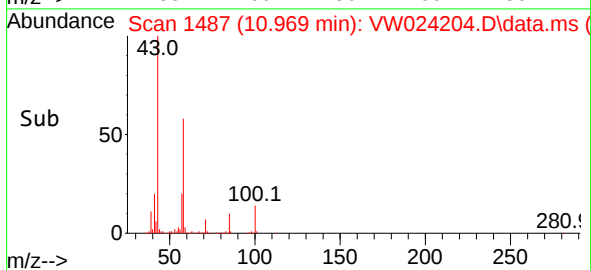
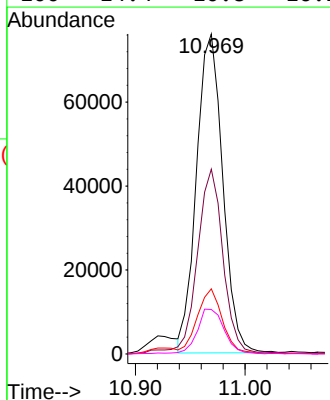
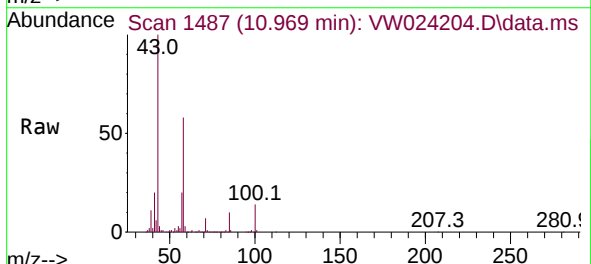
Ion	Ratio	Lower	Upper
164	100		
129	95.6	63.1	117.3
131	83.6	63.9	118.7
166	120.2	86.8	161.2

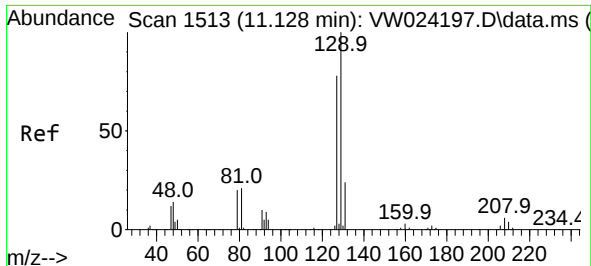


#48
2-Hexanone
Concen: 60.166 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.006 min
Lab File: VW024204.D
Acq: 08 Aug 2022 18:26

Tgt Ion: 43 Resp: 126814

Ion	Ratio	Lower	Upper
43	100		
58	55.1	43.4	65.0
57	19.1	15.0	22.4
100	14.4	10.8	16.2





#49

Dibromochloromethane

Concen: 27.073 ug/L

RT: 11.128 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW024204.D

Acq: 08 Aug 2022 18:26

Instrument :

MSVOA_W

ClientSampleId :

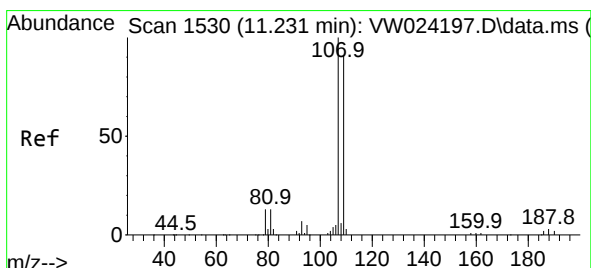
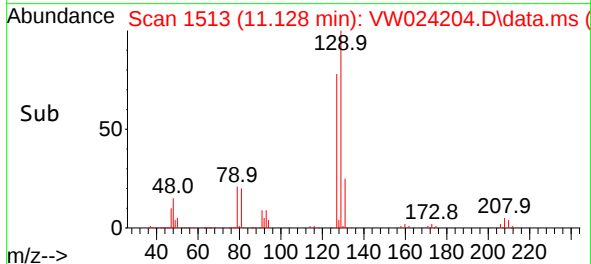
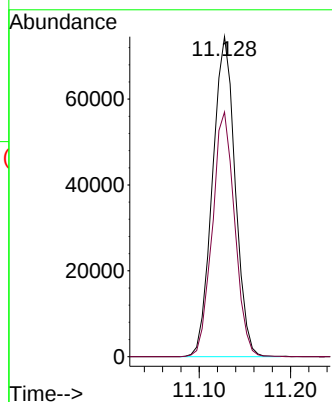
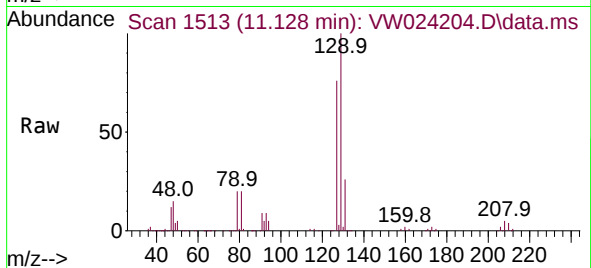
VSTD025525

Tgt Ion:129 Resp: 128554

Ion Ratio Lower Upper

129 100

127 76.5 52.3 97.1



#50

1,2-Dibromoethane

Concen: 27.296 ug/L

RT: 11.231 min Scan# 1530

Delta R.T. 0.000 min

Lab File: VW024204.D

Acq: 08 Aug 2022 18:26

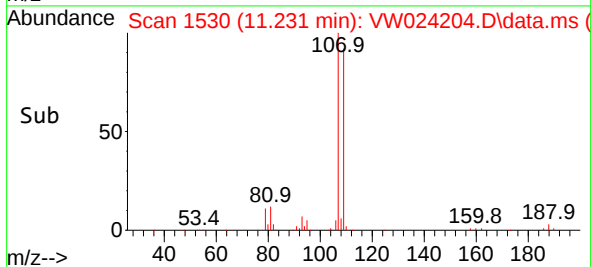
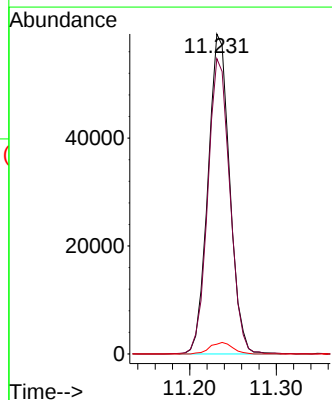
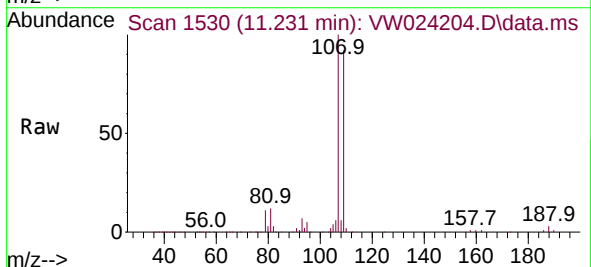
Tgt Ion:107 Resp: 103152

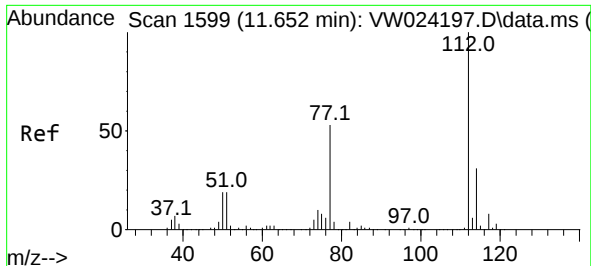
Ion Ratio Lower Upper

107 100

109 92.3 64.0 119.0

188 3.1 3.1 4.7#

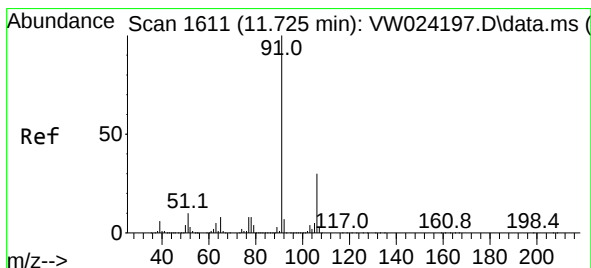
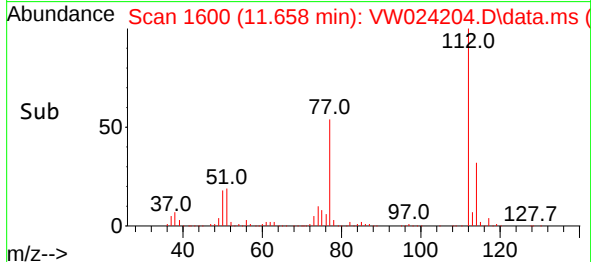
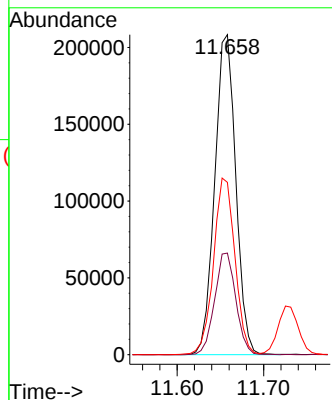
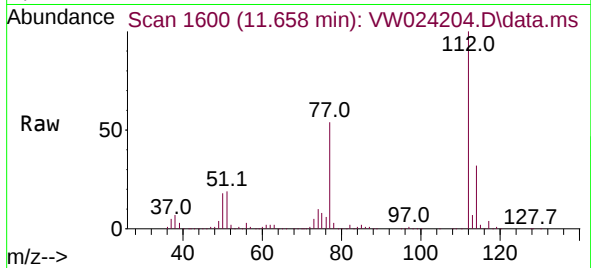




#51
Chlorobenzene
Concen: 25.605 ug/L
RT: 11.658 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW024204.D
Acq: 08 Aug 2022 18:26

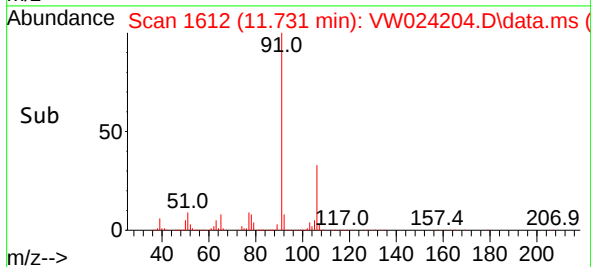
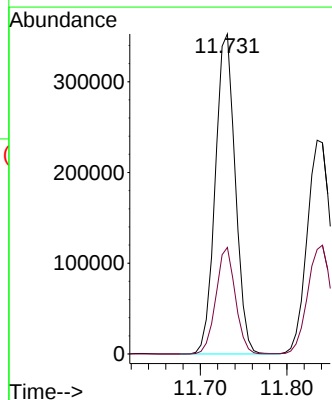
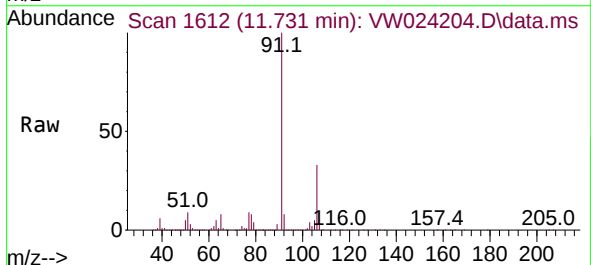
Instrument :
MSVOA_W
ClientSampleId :
VSTD025525

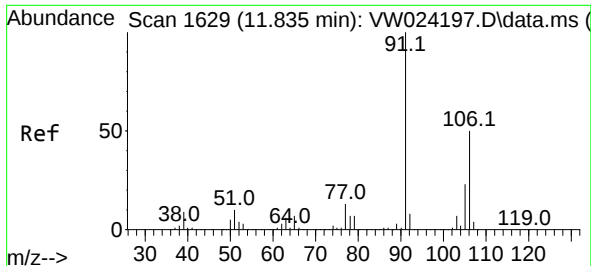
Tgt Ion:112 Resp: 351930
Ion Ratio Lower Upper
112 100
114 31.8 20.7 38.5
77 53.8 41.4 62.2



#52
Ethylbenzene
Concen: 25.643 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.006 min
Lab File: VW024204.D
Acq: 08 Aug 2022 18:26

Tgt Ion: 91 Resp: 565184
Ion Ratio Lower Upper
91 100
106 33.3 21.9 40.7

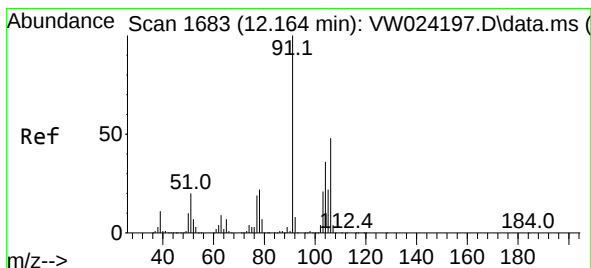
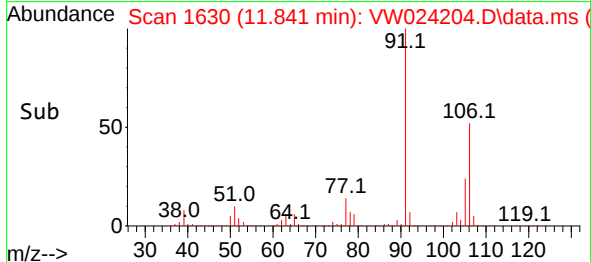
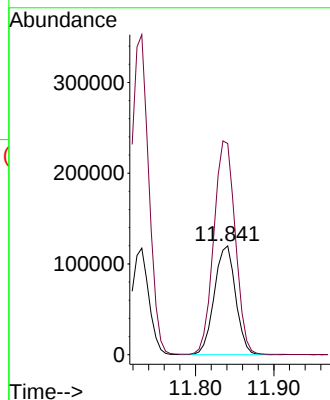
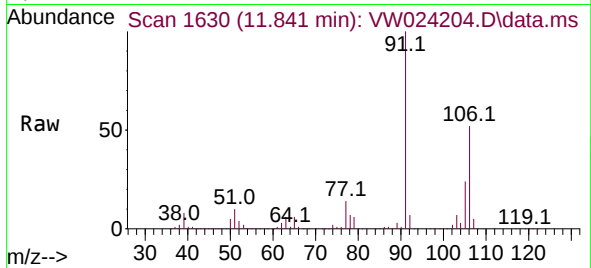




#53
m,p-Xylene
Concen: 26.409 ug/L
RT: 11.841 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW024204.D
Acq: 08 Aug 2022 18:26

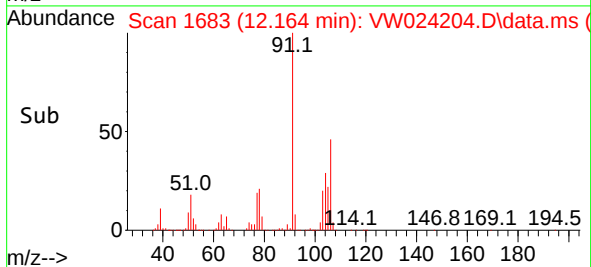
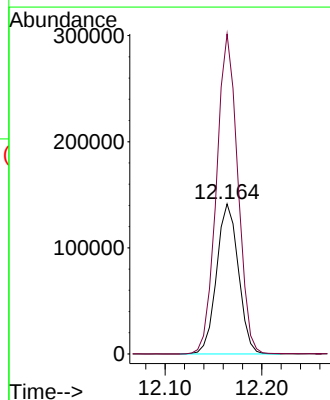
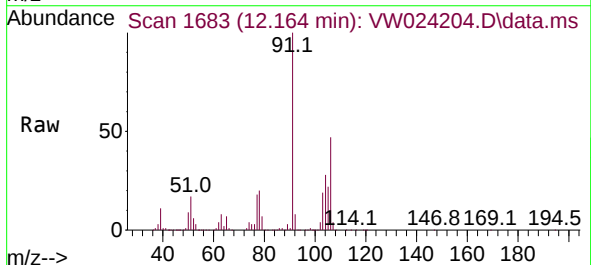
Instrument :
MSVOA_W
ClientSampleId :
VSTD025525

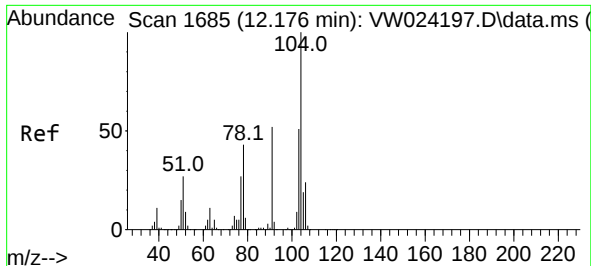
Tgt Ion:106 Resp: 226578
Ion Ratio Lower Upper
106 100
91 194.1 144.1 267.7



#54
o-Xylene
Concen: 27.327 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW024204.D
Acq: 08 Aug 2022 18:26

Tgt Ion:106 Resp: 221489
Ion Ratio Lower Upper
106 100
91 213.1 150.9 280.3

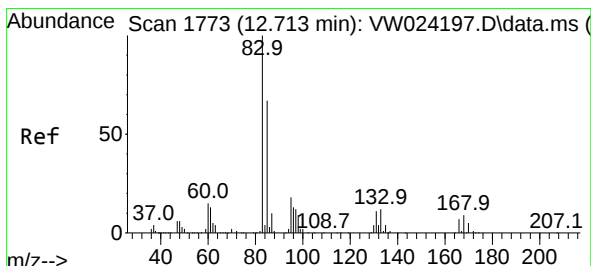
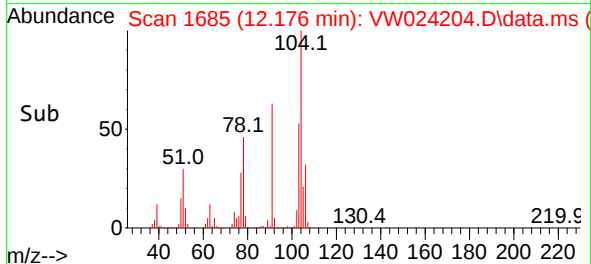
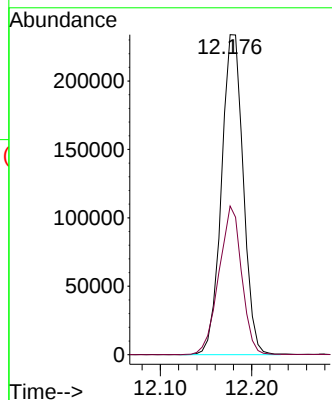
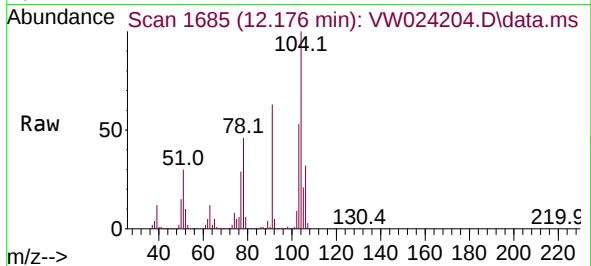




#55
Styrene
Concen: 27.491 ug/L
RT: 12.176 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW024204.D
Acq: 08 Aug 2022 18:26

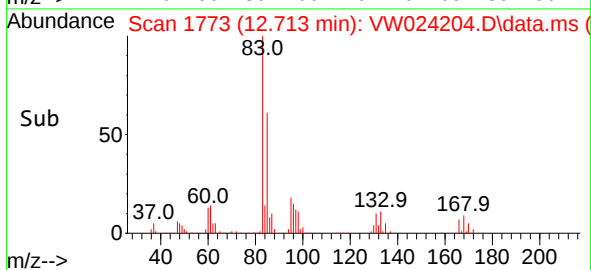
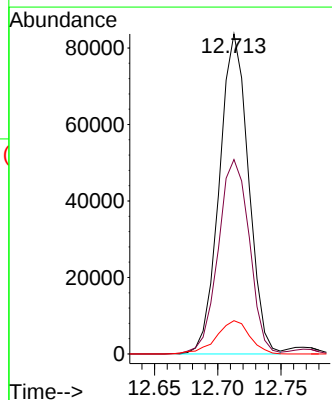
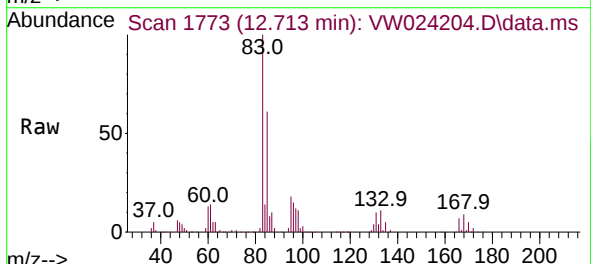
Instrument :
MSVOA_W
ClientSampleId :
VSTD025525

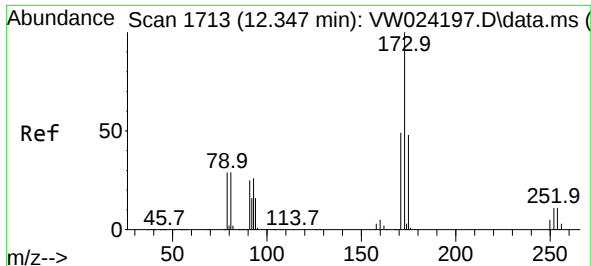
Tgt Ion:104 Resp: 387536
Ion Ratio Lower Upper
104 100
78 46.5 31.1 57.7



#57
1,1,2,2-Tetrachloroethane
Concen: 27.196 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VW024204.D
Acq: 08 Aug 2022 18:26

Tgt Ion: 83 Resp: 134059
Ion Ratio Lower Upper
83 100
85 60.7 44.1 81.9
131 10.4 8.3 12.5

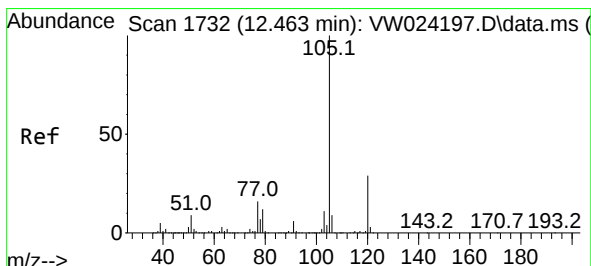
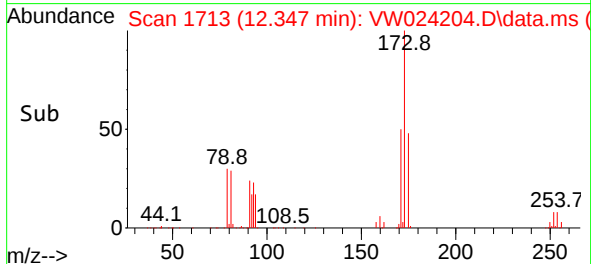
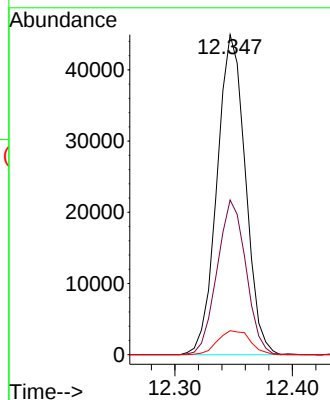
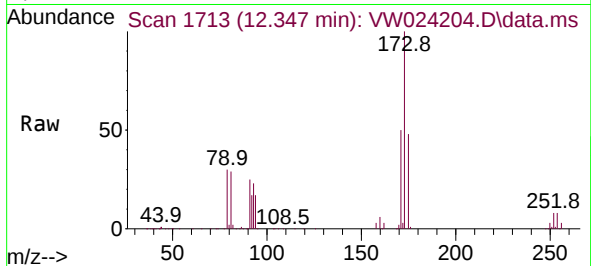




#59
Bromoform
Concen: 26.479 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. 0.000 min
Lab File: VW024204.D
Acq: 08 Aug 2022 18:26

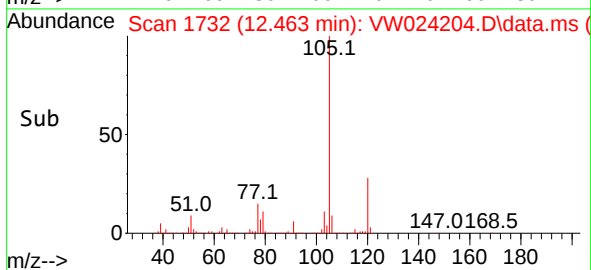
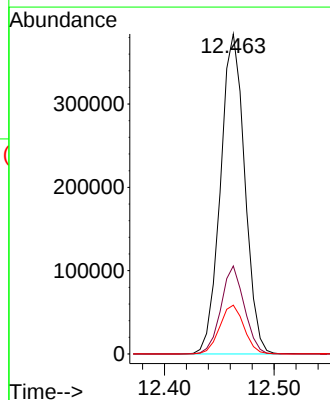
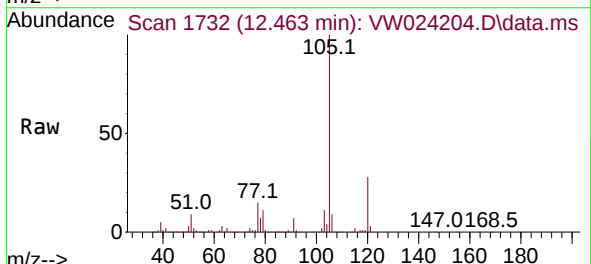
Instrument :
MSVOA_W
ClientSampleId :
VSTD025525

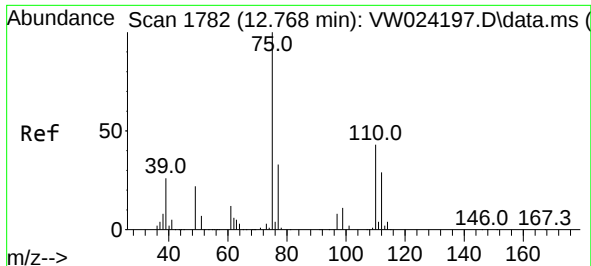
Tgt Ion:173 Resp: 75476
Ion Ratio Lower Upper
173 100
175 49.1 39.0 58.6
254 8.6 6.8 10.2



#60
Isopropylbenzene
Concen: 26.072 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW024204.D
Acq: 08 Aug 2022 18:26

Tgt Ion:105 Resp: 589805
Ion Ratio Lower Upper
105 100
120 26.4 21.4 32.2
77 15.3 12.4 18.6





#61

1,2,3-Trichloropropane

Concen: 25.582 ug/L

RT: 12.768 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW024204.D

Acq: 08 Aug 2022 18:26

Instrument :

MSVOA_W

ClientSampleId :

VSTD025525

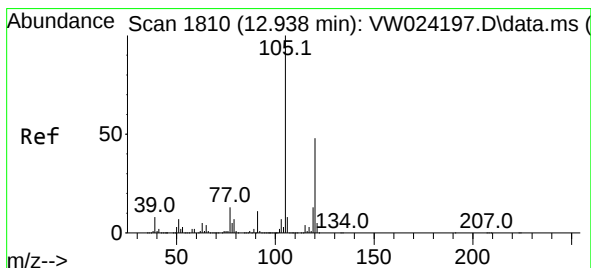
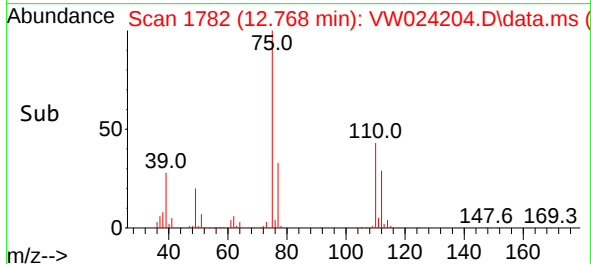
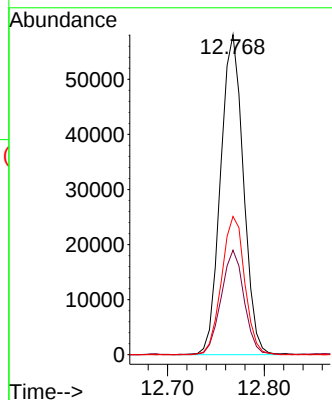
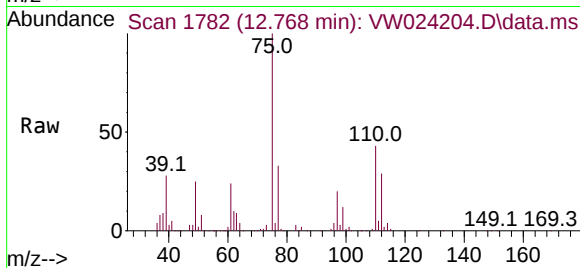
Tgt Ion: 75 Resp: 95138

Ion Ratio Lower Upper

75 100

77 32.8 26.2 39.4

110 43.8 33.6 50.4



#62

1,3,5-Trimethylbenzene

Concen: 26.564 ug/L

RT: 12.938 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VW024204.D

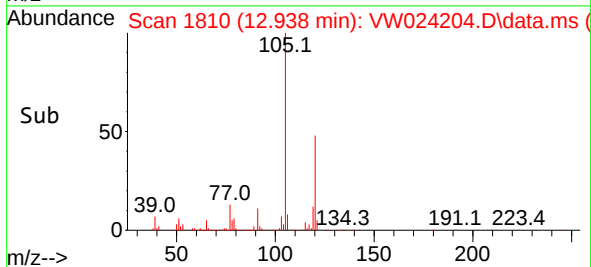
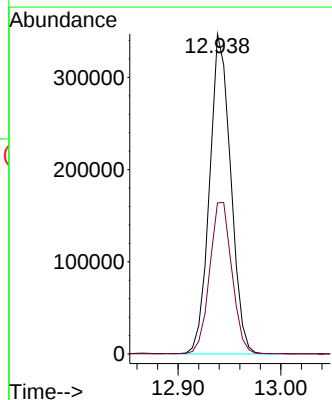
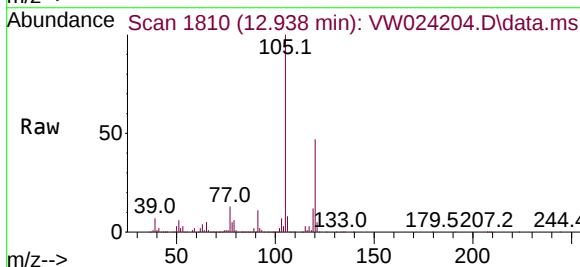
Acq: 08 Aug 2022 18:26

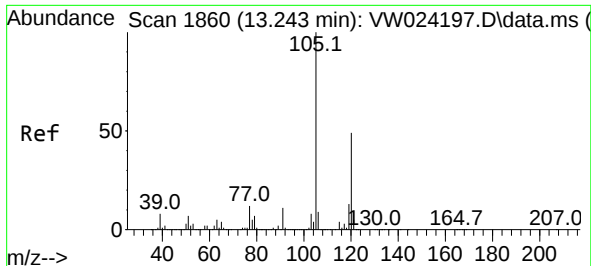
Tgt Ion:105 Resp: 496610

Ion Ratio Lower Upper

105 100

120 49.9 39.7 59.5

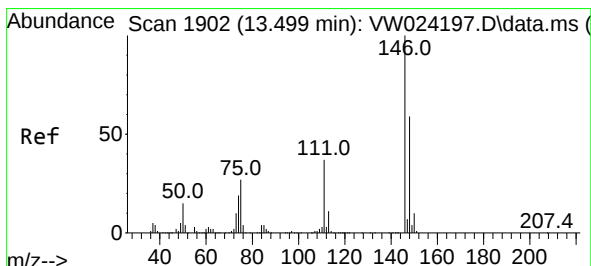
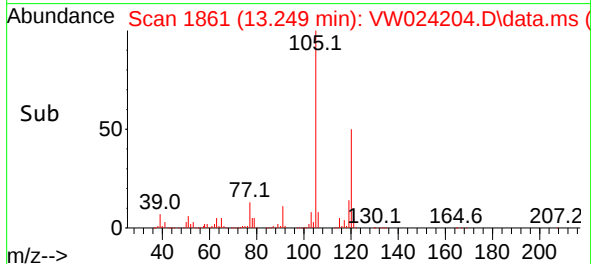
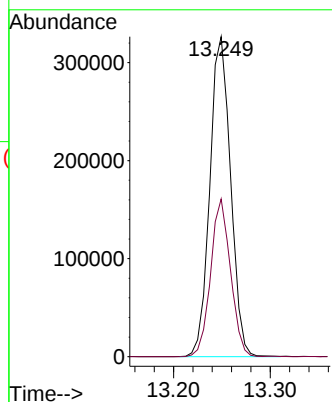
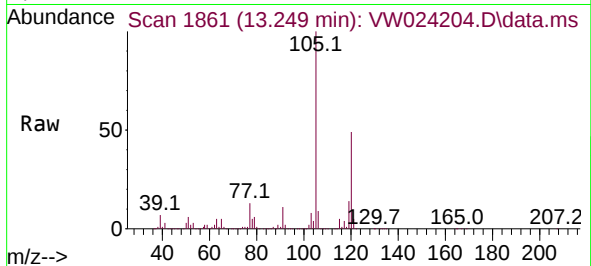




#63
1,2,4-Trimethylbenzene
Concen: 26.476 ug/L
RT: 13.249 min Scan# 1860
Delta R.T. 0.006 min
Lab File: VW024204.D
Acq: 08 Aug 2022 18:26

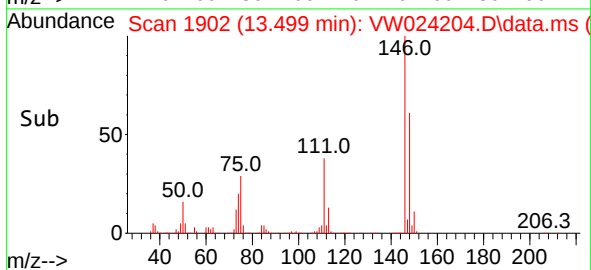
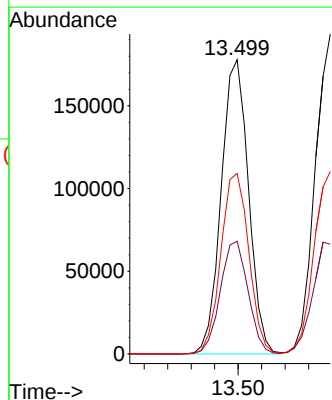
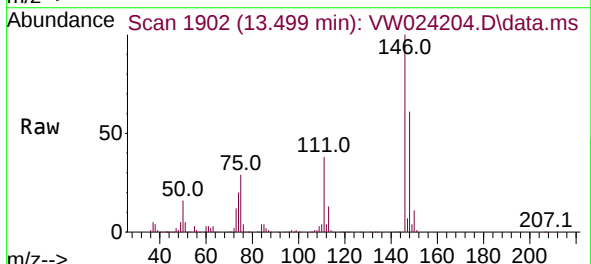
Instrument :
MSVOA_W
ClientSampleId :
VSTD025525

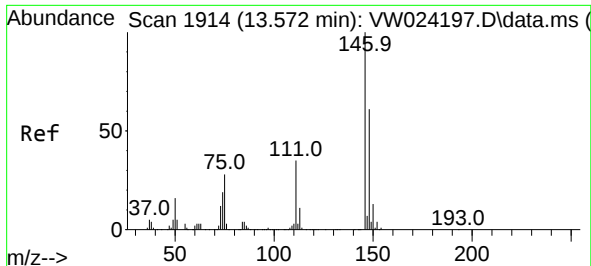
Tgt Ion:105 Resp: 487455
Ion Ratio Lower Upper
105 100
120 47.1 36.4 54.6



#64
1,3-Dichlorobenzene
Concen: 25.965 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW024204.D
Acq: 08 Aug 2022 18:26

Tgt Ion:146 Resp: 287626
Ion Ratio Lower Upper
146 100
111 38.3 28.0 52.0
148 61.4 46.5 86.3

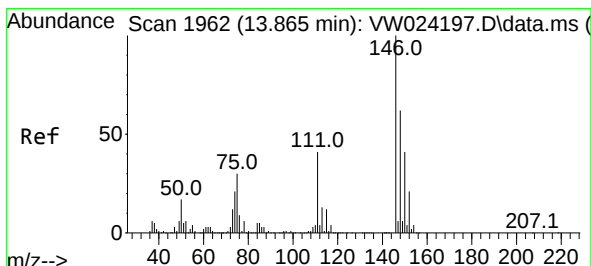
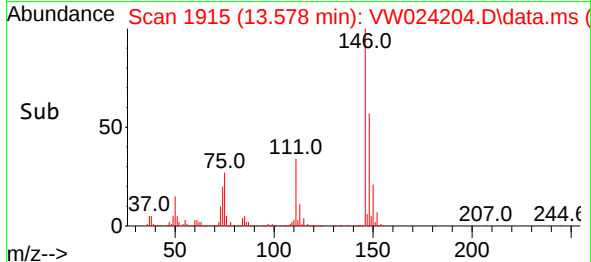
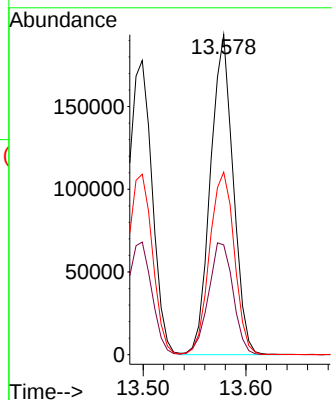
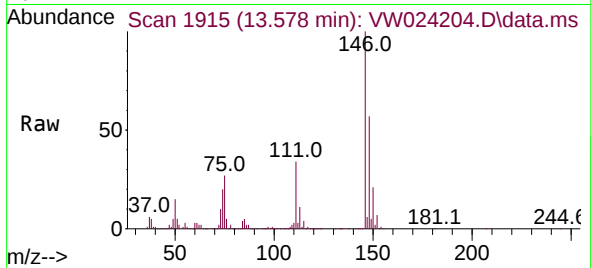




#65
1,4-Dichlorobenzene
Concen: 25.308 ug/L
RT: 13.578 min Scan# 1914
Delta R.T. 0.006 min
Lab File: VW024204.D
Acq: 08 Aug 2022 18:26

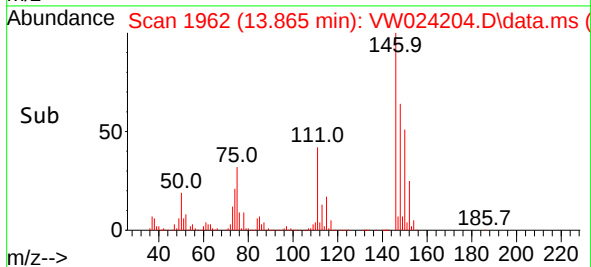
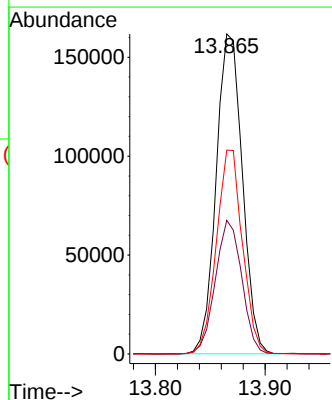
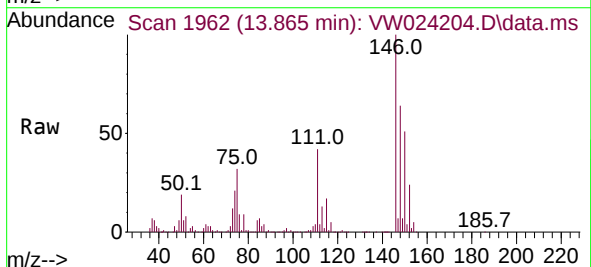
Instrument :
MSVOA_W
ClientSampleId :
VSTD025525

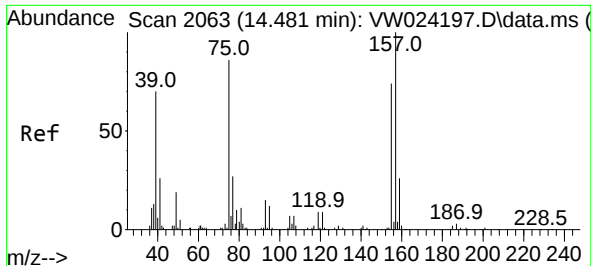
Tgt Ion:146 Resp: 296873
Ion Ratio Lower Upper
146 100
111 34.3 27.6 51.4
148 57.1 40.5 75.3



#67
1,2-Dichlorobenzene
Concen: 25.587 ug/L
RT: 13.865 min Scan# 1962
Delta R.T. 0.000 min
Lab File: VW024204.D
Acq: 08 Aug 2022 18:26

Tgt Ion:146 Resp: 269160
Ion Ratio Lower Upper
146 100
111 41.7 29.0 43.6
148 63.7 47.8 71.8

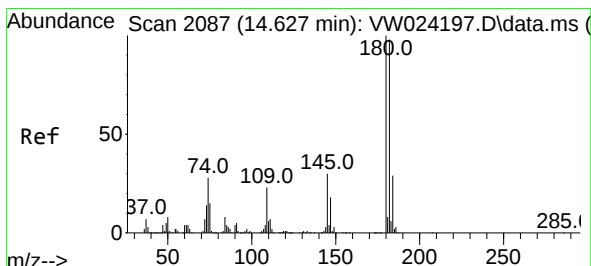
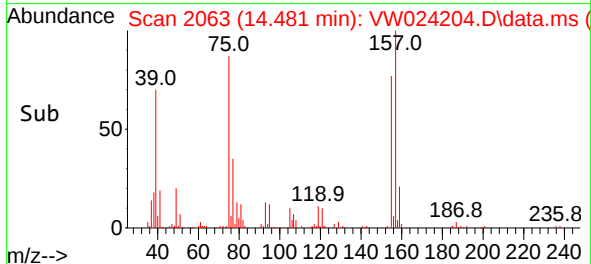
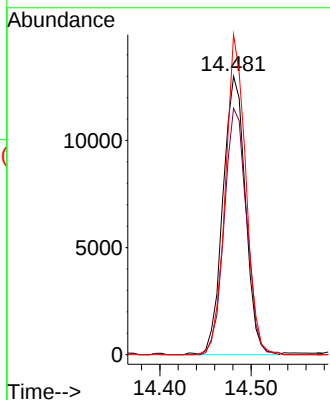
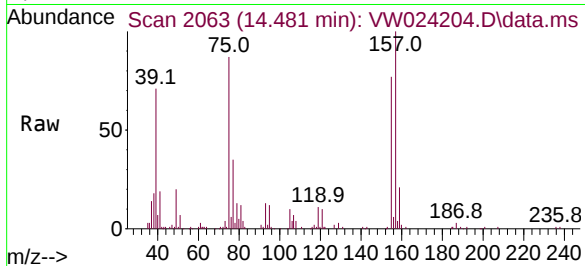




#68
1,2-Dibromo-3-chloropropane
Concen: 25.522 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VW024204.D
Acq: 08 Aug 2022 18:26

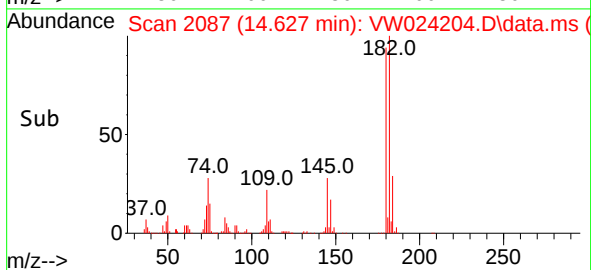
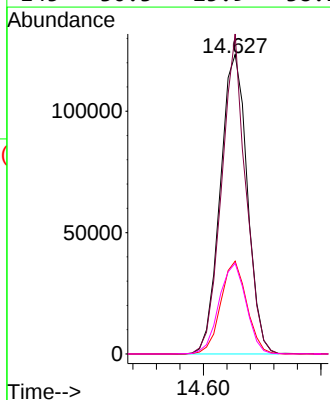
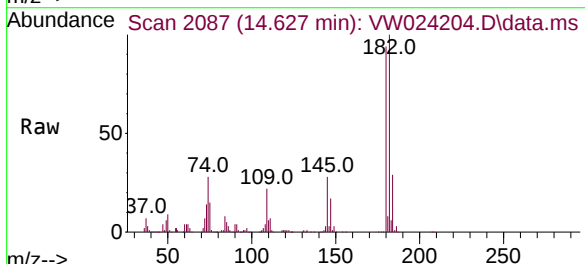
Instrument :
MSVOA_W
ClientSampleId :
VSTD025525

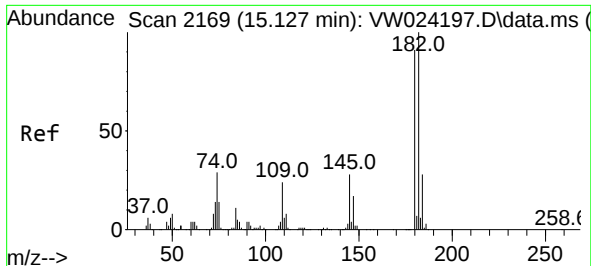
Tgt Ion: 75 Resp: 22176
Ion Ratio Lower Upper
75 100
155 88.5 68.8 103.2
157 114.9 91.5 137.3



#69
1,3,5-Trichlorobenzene
Concen: 27.147 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. 0.000 min
Lab File: VW024204.D
Acq: 08 Aug 2022 18:26

Tgt Ion:180 Resp: 197196
Ion Ratio Lower Upper
180 100
182 94.8 78.4 117.6
184 29.7 24.7 37.1
145 30.3 25.9 38.9

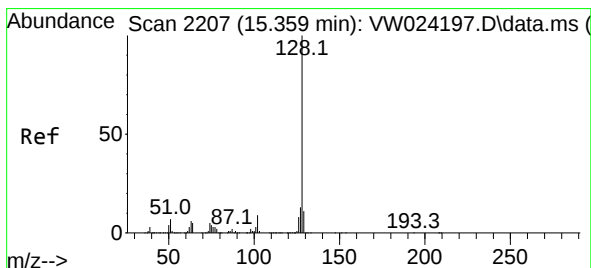
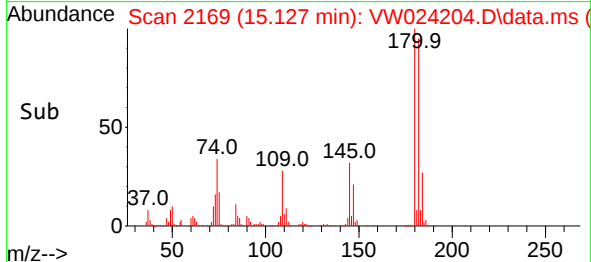
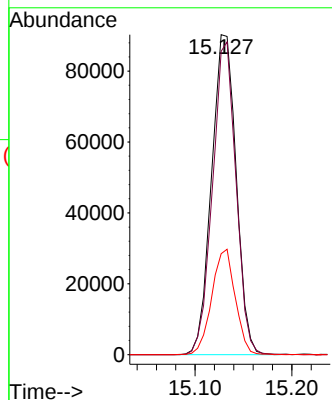
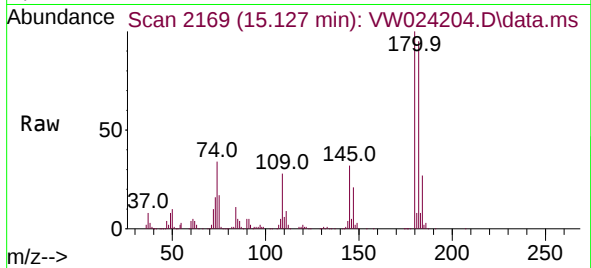




#70
1,2,4-trichlorobenzene
Concen: 27.459 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. 0.000 min
Lab File: VW024204.D
Acq: 08 Aug 2022 18:26

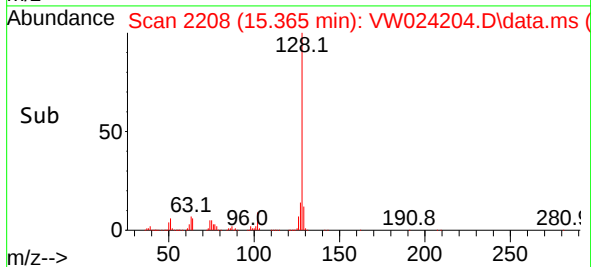
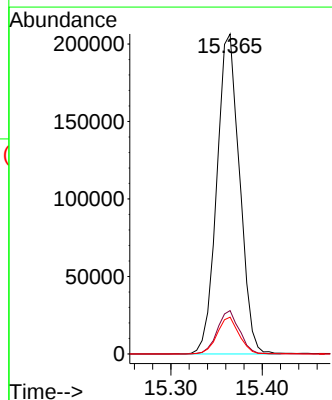
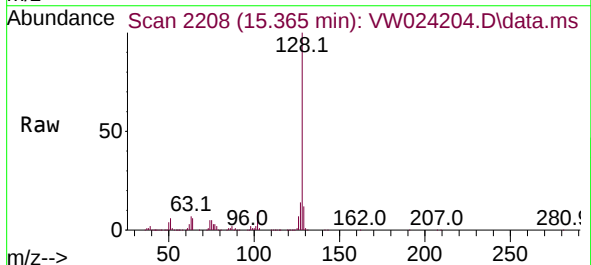
Instrument :
MSVOA_W
ClientSampleId :
VSTD025525

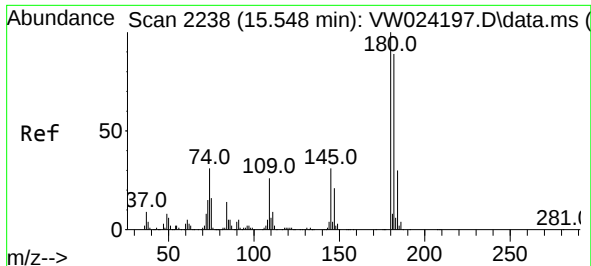
Tgt Ion:180 Resp: 159732
Ion Ratio Lower Upper
180 100
182 93.0 75.0 112.4
145 31.4 25.1 37.7



#71
Naphthalene
Concen: 31.526 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. 0.006 min
Lab File: VW024204.D
Acq: 08 Aug 2022 18:26

Tgt Ion:128 Resp: 357211
Ion Ratio Lower Upper
128 100
127 13.2 10.7 16.1
129 11.1 8.8 13.2





#72
 1,2,3-Trichlorobenzene
 Concen: 28.077 ug/L
 RT: 15.554 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VW024204.D
 Acq: 08 Aug 2022 18:26

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025525

Tgt Ion:180 Resp: 148697
 Ion Ratio Lower Upper
 180 100
 182 94.5 75.4 113.2
 145 32.9 26.9 40.3

