

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW033123\
 Data File : VW025519.D
 Acq On : 31 Mar 2023 09:04
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 01 00:30:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM030623SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Mar 31 02:21:49 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	715664	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	639000	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	313461	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	229534	19.290	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.160%
7) Chloroethane-d5	2.899	69	191930	22.416	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.680%
11) 1,1-Dichloroethene-d2	4.027	63	537441	23.384	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	93.520%
21) 2-Butanone-d5	7.081	46	135526	46.400	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.800%
24) Chloroform-d	7.648	84	542995	26.319	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.280%
26) 1,2-Dichloroethane-d4	8.307	65	274314	24.772	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.080%
32) Benzene-d6	8.276	84	1068934	24.482	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.920%
36) 1,2-Dichloropropane-d6	9.276	67	341932	25.314	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.240%
41) Toluene-d8	10.319	98	929706	24.151	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.600%
43) trans-1,3-Dichloroprop...	10.575	79	125781	23.385	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.560%
47) 2-Hexanone-d5	10.922	63	89405	46.030	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.060%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	234198	23.666	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.680%
66) 1,2-Dichlorobenzene-d4	13.848	152	294661	25.278	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.120%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	199722	24.420	ug/L	97
3) Chloromethane	2.223	50	253562	26.067	ug/L	100
5) Vinyl chloride	2.375	62	296861	27.013	ug/L	98
6) Bromomethane	2.789	94	153294	26.164	ug/L	98
8) Chloroethane	2.936	64	174875	27.687	ug/L	98
9) Trichlorofluoromethane	3.271	101	230022	24.183	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	248666	26.958	ug/L	97
12) 1,1-Dichloroethene	4.045	96	243250	27.256	ug/L	94
13) Acetone	4.131	43	123545	44.001	ug/L	96
14) Carbon disulfide	4.393	76	744236	26.821	ug/L	98
15) Methyl Acetate	4.673	43	110679	21.012	ug/L	96
16) Methylene chloride	4.917	84	272077	27.302	ug/L	97
17) trans-1,2-Dichloroethene	5.435	96	252626	27.003	ug/L	94
18) Methyl tert-butyl Ether	5.423	73	361802	25.688	ug/L	99
19) 1,1-Dichloroethane	6.222	63	540460	27.897	ug/L	100
20) cis-1,2-Dichloroethene	7.173	96	281321	27.465	ug/L	99
22) 2-Butanone	7.173	43	154492	42.534	ug/L	100
23) Bromochloromethane	7.514	128	114870	26.078	ug/L	94
25) Chloroform	7.679	83	505266	27.743	ug/L	98

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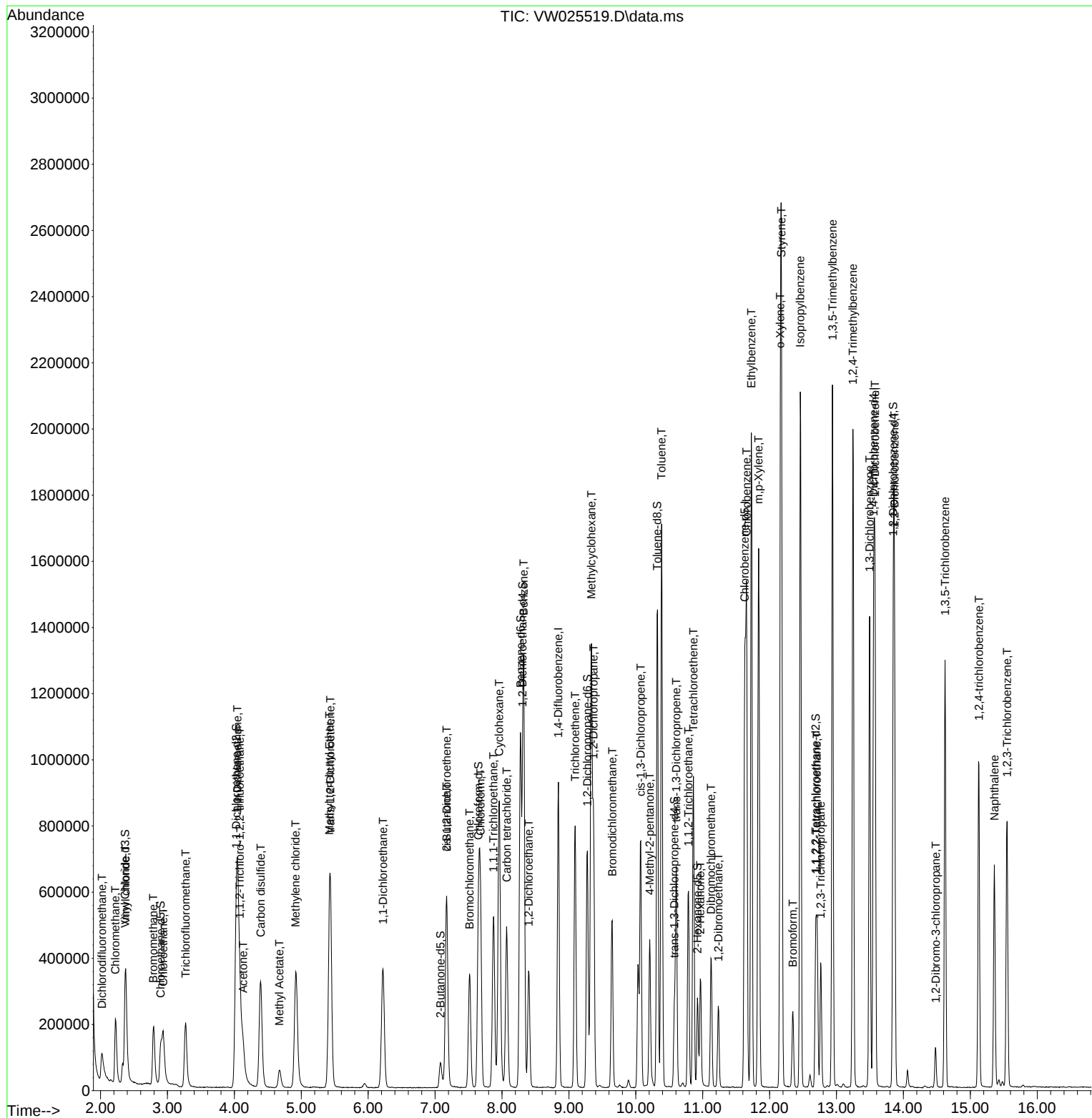
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	321133	26.422	ug/L	99
29) Cyclohexane	7.959	56	512051	28.389	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	409343	26.948	ug/L	100
31) Carbon tetrachloride	8.069	117	360193	26.453	ug/L	98
33) Benzene	8.325	78	1134274	27.764	ug/L	100
34) Trichloroethene	9.093	95	285847	26.658	ug/L	97
35) Methylcyclohexane	9.337	83	509613	27.589	ug/L	99
37) 1,2-Dichloropropane	9.368	63	301346	26.797	ug/L	100
38) Bromodichloromethane	9.648	83	341961	26.074	ug/L	100
39) cis-1,3-Dichloropropene	10.075	75	431970	26.664	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	309381	45.773	ug/L	99
42) Toluene	10.386	91	1178787	27.945	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	352513	25.983	ug/L	98
45) 1,1,2-Trichloroethane	10.788	97	183702	24.325	ug/L	98
46) Tetrachloroethene	10.861	164	196942	25.813	ug/L	92
48) 2-Hexanone	10.965	43	229567	47.209	ug/L	99
49) Dibromochloromethane	11.123	129	201500	24.971	ug/L	98
50) 1,2-Dibromoethane	11.233	107	162423	23.235	ug/L	89
51) Chlorobenzene	11.654	112	707205	26.417	ug/L	99
52) Ethylbenzene	11.727	91	1341169	27.878	ug/L	97
53) m,p-Xylene	11.837	106	486344	27.409	ug/L	98
54) o-Xylene	12.160	106	459211	27.503	ug/L	96
55) Styrene	12.178	104	801728	28.118	ug/L	93
57) 1,1,2,2-Tetrachloroethane	12.708	83	216562	23.053	ug/L	98
59) Bromoform	12.349	173	103230	22.826	ug/L #	97
60) Isopropylbenzene	12.458	105	1311250	28.061	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	155635	22.789	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	1063669	28.741	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	1057113	28.995	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	531469	26.841	ug/L	100
65) 1,4-Dichlorobenzene	13.574	146	533837	26.284	ug/L	91
67) 1,2-Dichlorobenzene	13.867	146	469850	26.457	ug/L	92
68) 1,2-Dibromo-3-chloropr...	14.483	75	31971	20.221	ug/L	96
69) 1,3,5-Trichlorobenzene	14.623	180	362107	26.903	ug/L	97
70) 1,2,4-trichlorobenzene	15.129	180	287130	25.729	ug/L	98
71) Naphthalene	15.360	128	527821	23.960	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	245630	24.505	ug/L	97

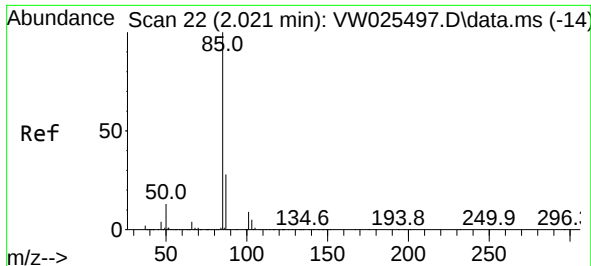
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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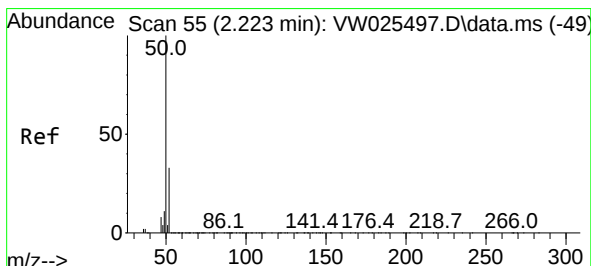
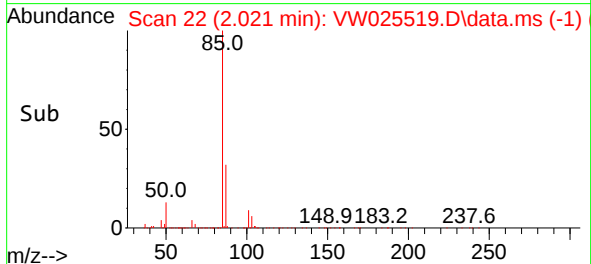
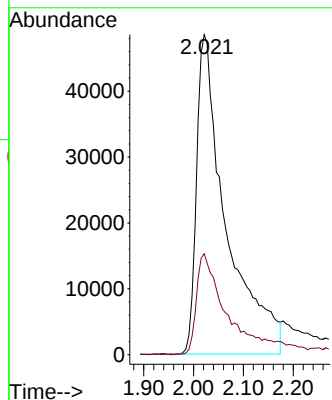
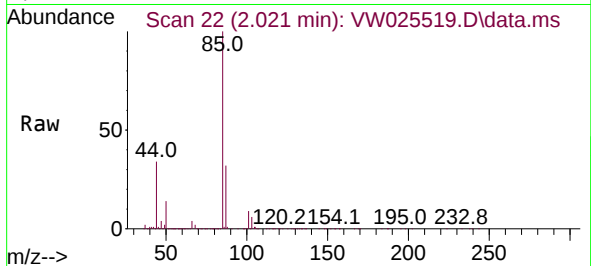




#2
Dichlorodifluoromethane
Concen: 24.420 ug/L
RT: 2.021 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW025519.D
Acq: 31 Mar 2023 09:04

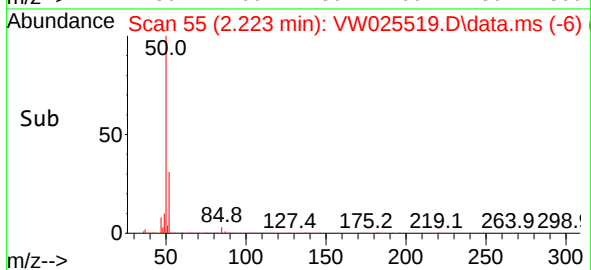
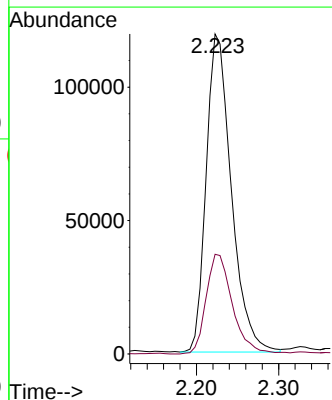
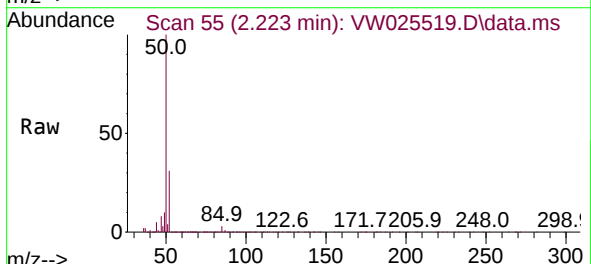
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MSVOA_W
ClientSampleId :

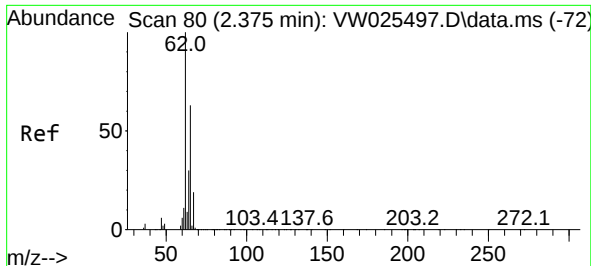
Tgt Ion: 85 Resp: 199722
Ion Ratio Lower Upper
85 100
87 24.2 20.5 30.7



#3
Chloromethane
Concen: 26.067 ug/L
RT: 2.223 min Scan# 55
Delta R.T. -0.000 min
Lab File: VW025519.D
Acq: 31 Mar 2023 09:04

Tgt Ion: 50 Resp: 253562
Ion Ratio Lower Upper
50 100
52 31.1 21.9 40.7

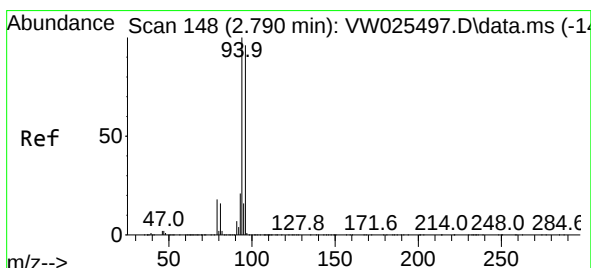
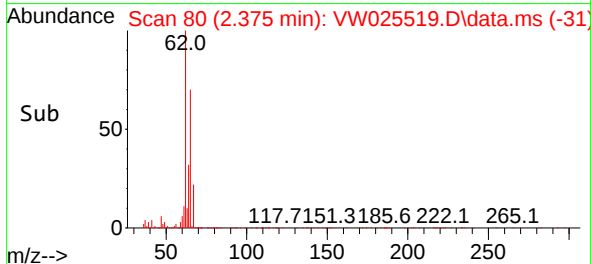
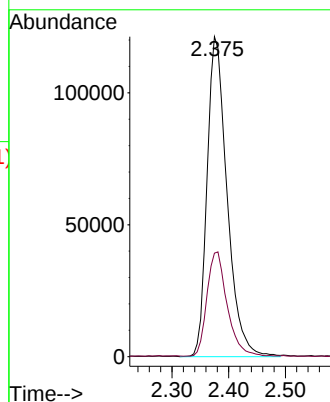
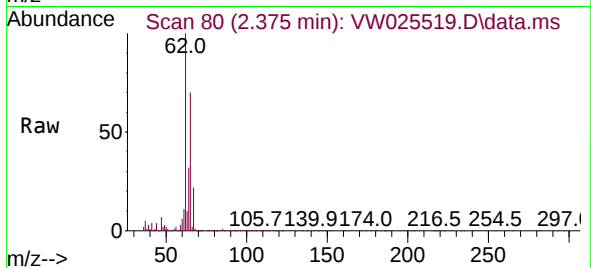




#5
 Vinyl chloride
 Concen: 27.013 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW025519.D
 Acq: 31 Mar 2023 09:04

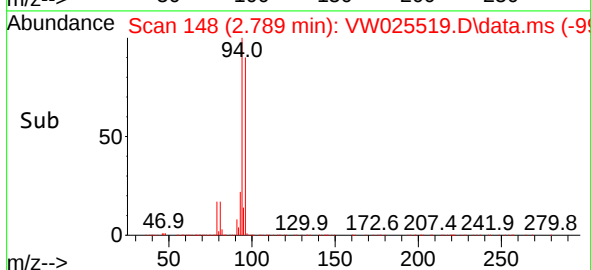
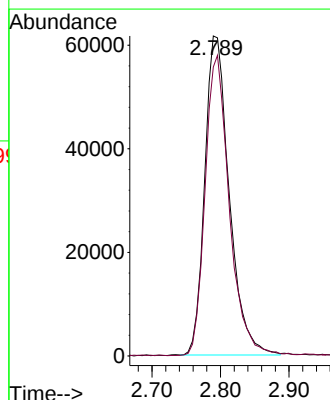
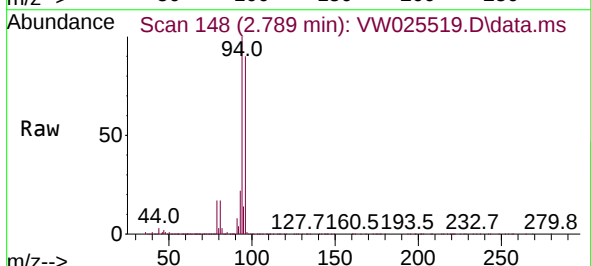
Instrument :
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 ClientSampleId :

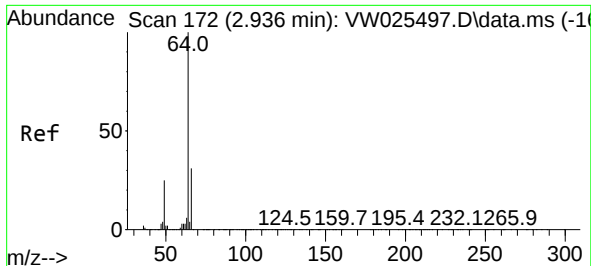
Tgt Ion: 62 Resp: 296861
 Ion Ratio Lower Upper
 62 100
 64 32.4 23.4 43.6



#6
 Bromomethane
 Concen: 26.164 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.000 min
 Lab File: VW025519.D
 Acq: 31 Mar 2023 09:04

Tgt Ion: 94 Resp: 153294
 Ion Ratio Lower Upper
 94 100
 96 90.3 64.5 119.9

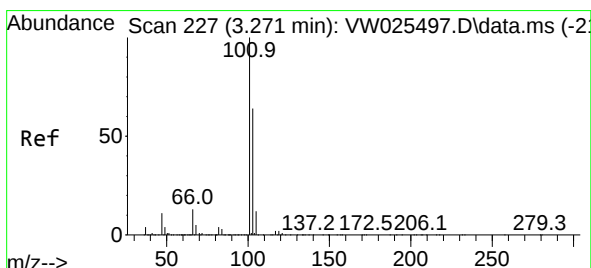
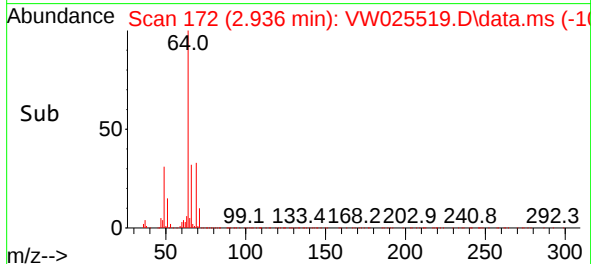
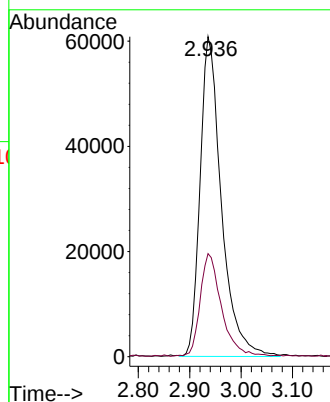
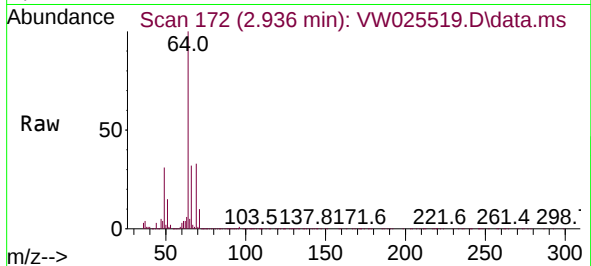




#8
Chloroethane
Concen: 27.687 ug/L
RT: 2.936 min Scan# 172
Delta R.T. -0.000 min
Lab File: VW025519.D
Acq: 31 Mar 2023 09:04

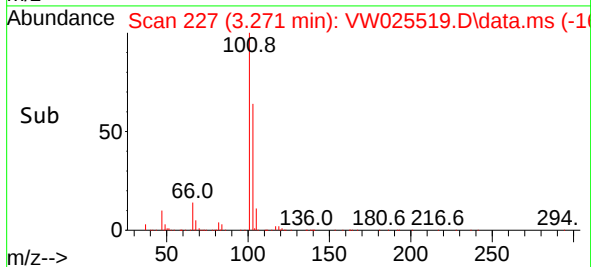
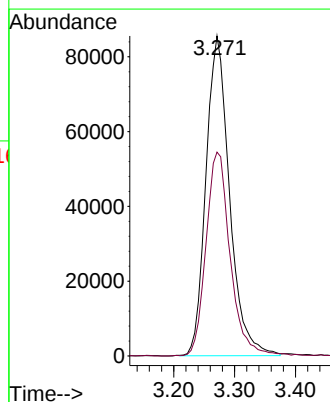
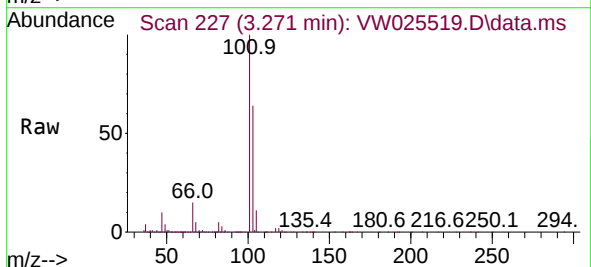
Instrument :
MSVOA_W
ClientSampleId :

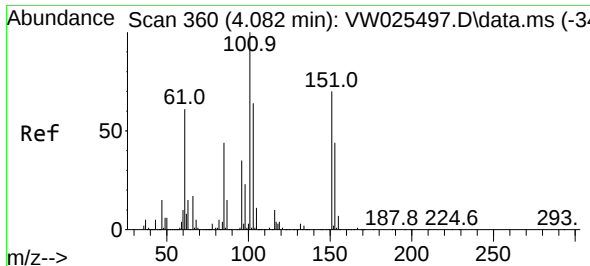
Tgt Ion: 64 Resp: 174875
Ion Ratio Lower Upper
64 100
66 32.2 23.3 43.3



#9
Trichlorofluoromethane
Concen: 24.183 ug/L
RT: 3.271 min Scan# 227
Delta R.T. -0.000 min
Lab File: VW025519.D
Acq: 31 Mar 2023 09:04

Tgt Ion: 101 Resp: 230022
Ion Ratio Lower Upper
101 100
103 65.3 51.5 77.3

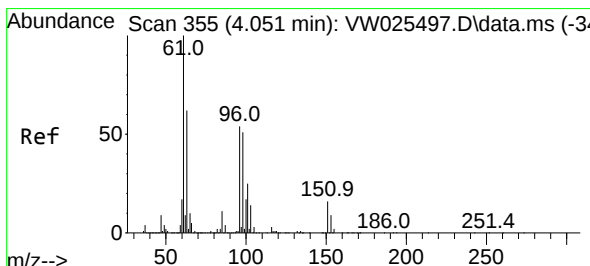
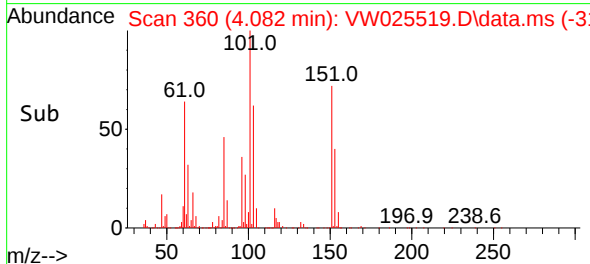
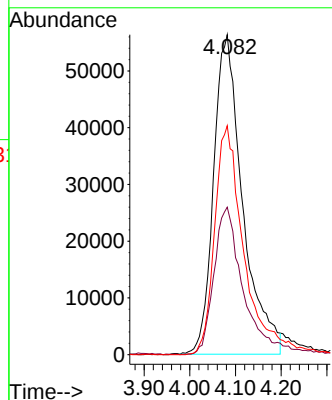
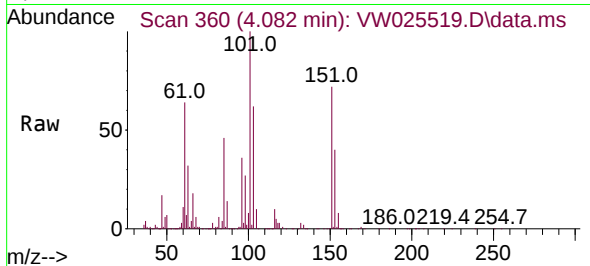




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 26.958 ug/L
 RT: 4.082 min Scan# 30
 Delta R.T. -0.000 min
 Lab File: VW025519.D
 Acq: 31 Mar 2023 09:04

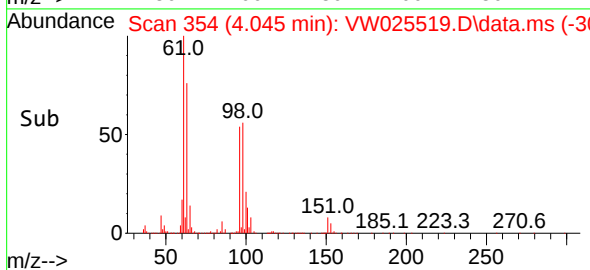
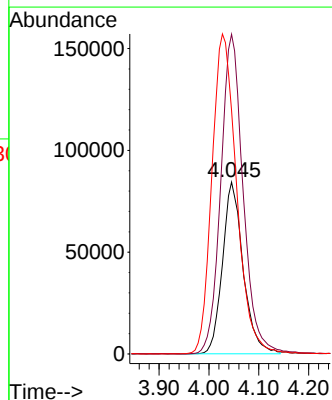
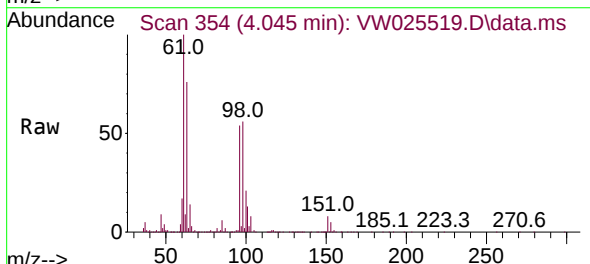
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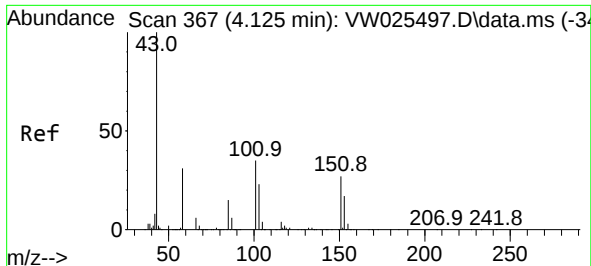
Tgt Ion:101 Resp: 248666
 Ion Ratio Lower Upper
 101 100
 85 45.0 35.8 53.8
 151 71.6 54.2 81.2



#12
 1,1-Dichloroethene
 Concen: 27.256 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. -0.006 min
 Lab File: VW025519.D
 Acq: 31 Mar 2023 09:04

Tgt Ion: 96 Resp: 243250
 Ion Ratio Lower Upper
 96 100
 61 185.9 130.7 242.7
 63 141.6 88.3 164.1

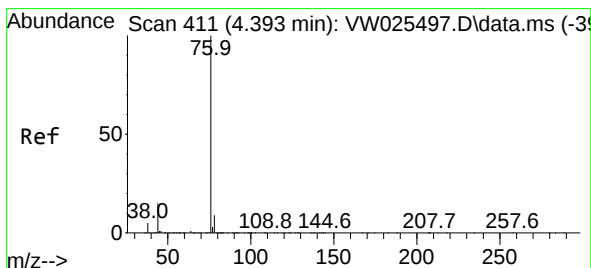
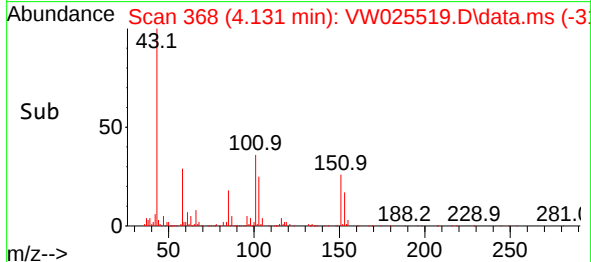
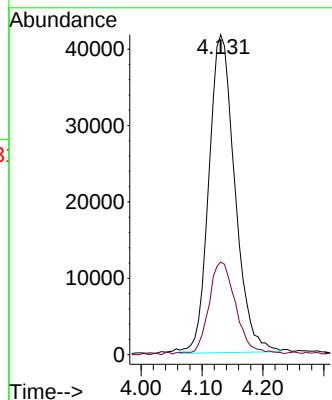
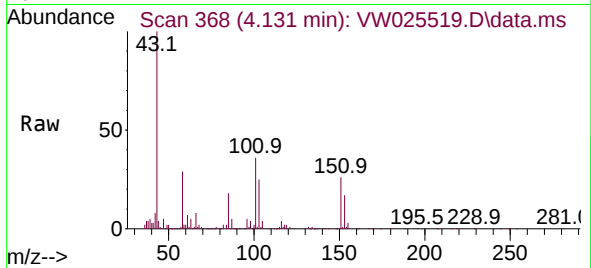




#13
Acetone
Concen: 44.001 ug/L
RT: 4.131 min Scan# 368
Delta R.T. 0.006 min
Lab File: VW025519.D
Acq: 31 Mar 2023 09:04

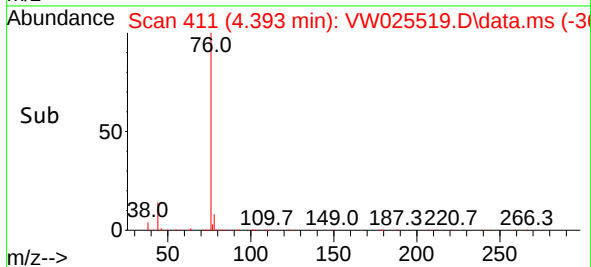
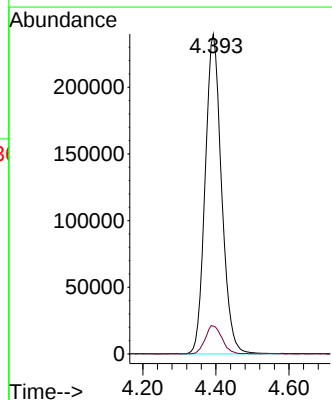
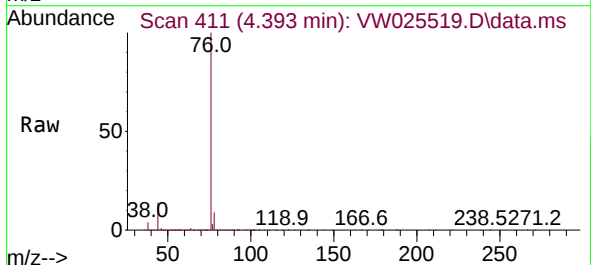
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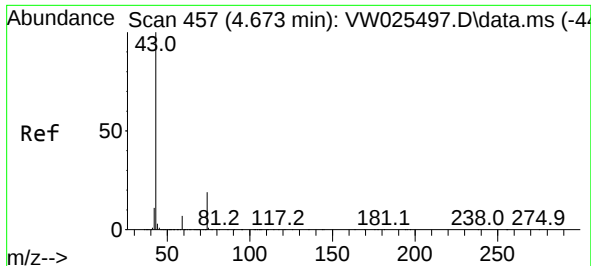
Tgt Ion: 43 Resp: 123545
Ion Ratio Lower Upper
43 100
58 28.0 0.0 60.0



#14
Carbon disulfide
Concen: 26.821 ug/L
RT: 4.393 min Scan# 411
Delta R.T. -0.000 min
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Tgt Ion: 76 Resp: 744236
Ion Ratio Lower Upper
76 100
78 8.7 7.6 11.4

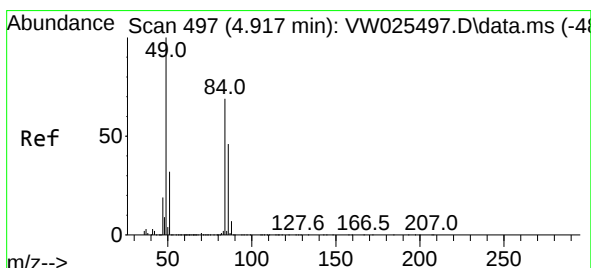
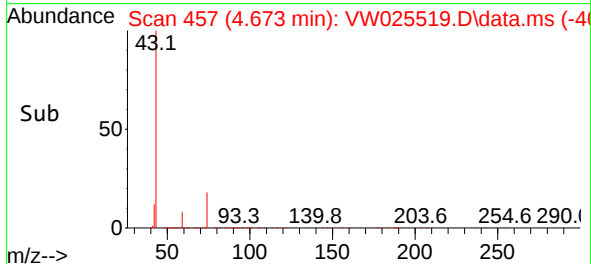
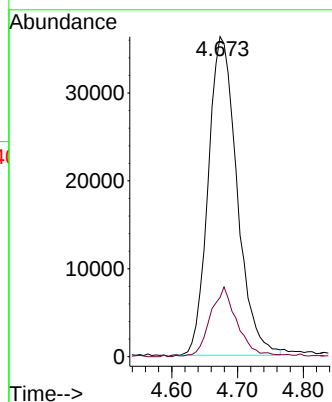
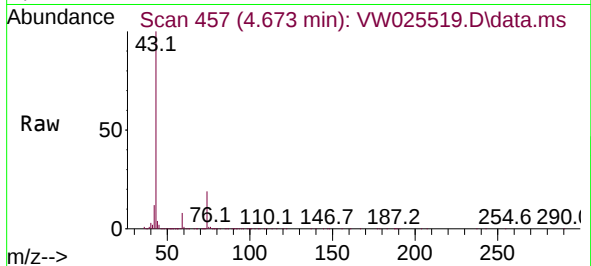




#15
Methyl Acetate
Concen: 21.012 ug/L
RT: 4.673 min Scan# 457
Delta R.T. -0.000 min
Lab File: VW025519.D
Acq: 31 Mar 2023 09:04

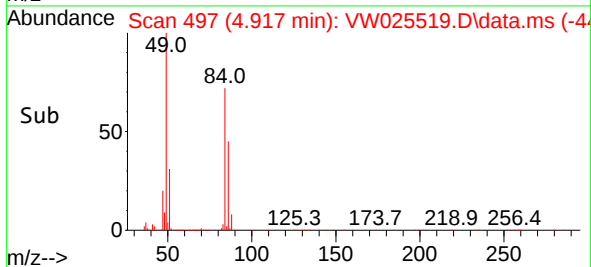
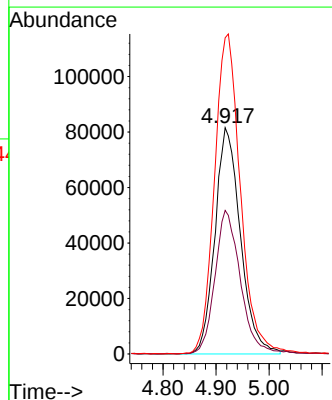
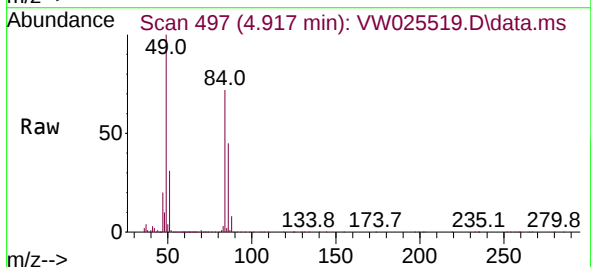
Instrument :
MSVOA_W
ClientSampleId :

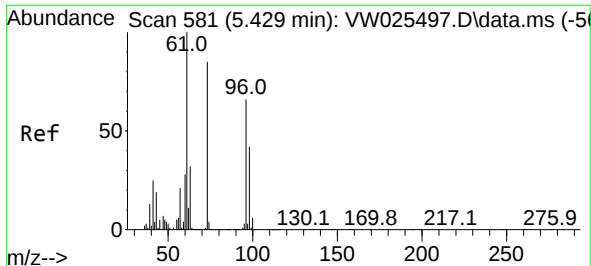
Tgt Ion: 43 Resp: 110679
Ion Ratio Lower Upper
43 100
74 19.4 17.0 25.4



#16
Methylene chloride
Concen: 27.302 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.000 min
Lab File: VW025519.D
Acq: 31 Mar 2023 09:04

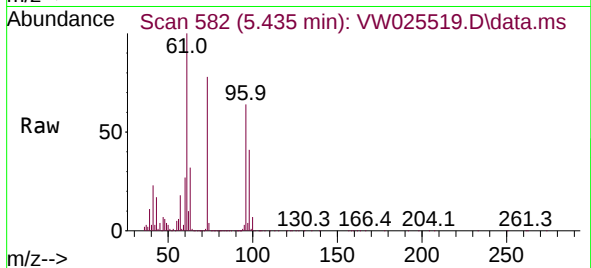
Tgt Ion: 84 Resp: 272077
Ion Ratio Lower Upper
84 100
86 63.4 45.1 83.7
49 139.8 94.7 175.9



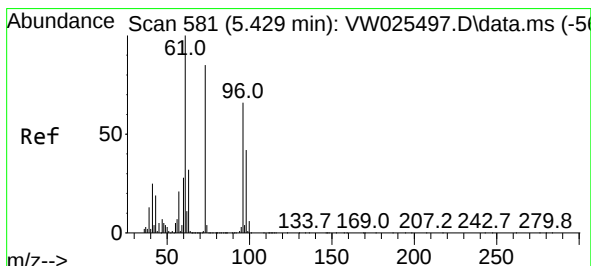
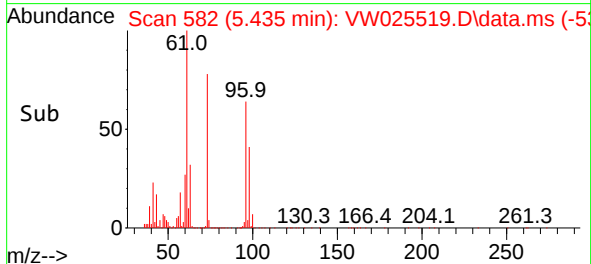
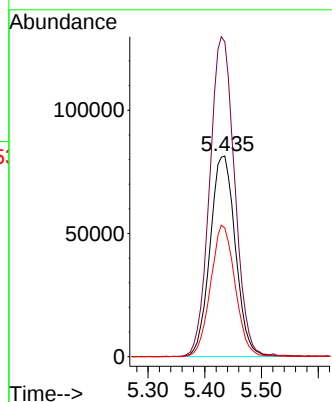


#17
trans-1,2-Dichloroethene
Concen: 27.003 ug/L
RT: 5.435 min Scan# 581
Delta R.T. 0.006 min
Lab File: VW025519.D
Acq: 31 Mar 2023 09:04

Instrument :
MSVOA_W
ClientSampleId :

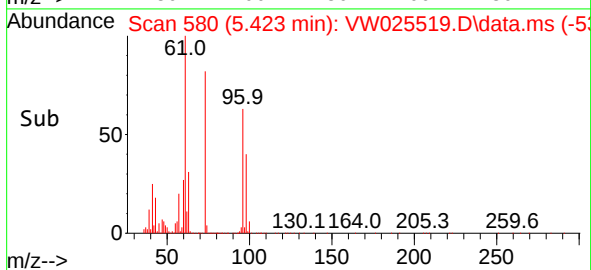
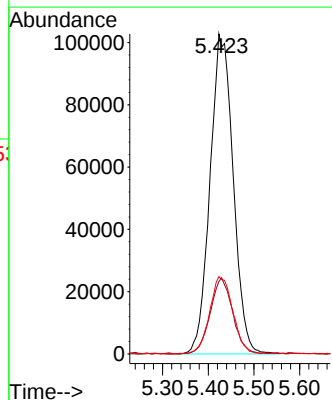
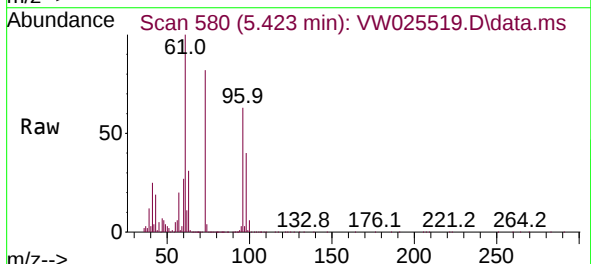


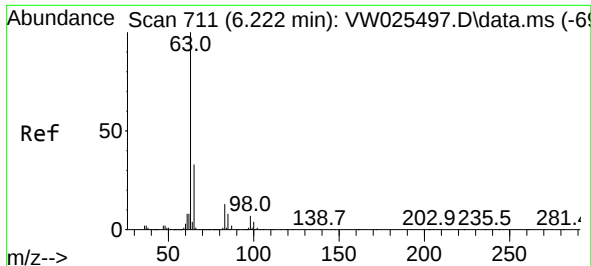
Tgt Ion: 96 Resp: 252626
Ion Ratio Lower Upper
96 100
61 156.9 103.0 191.4
98 64.1 43.4 80.6



#18
Methyl tert-butyl Ether
Concen: 25.688 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.006 min
Lab File: VW025519.D
Acq: 31 Mar 2023 09:04

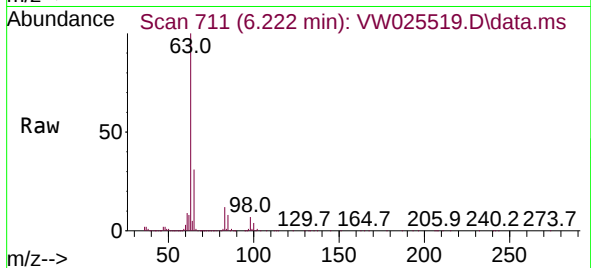
Tgt Ion: 73 Resp: 361802
Ion Ratio Lower Upper
73 100
43 22.8 17.6 26.4
57 23.9 18.6 28.0



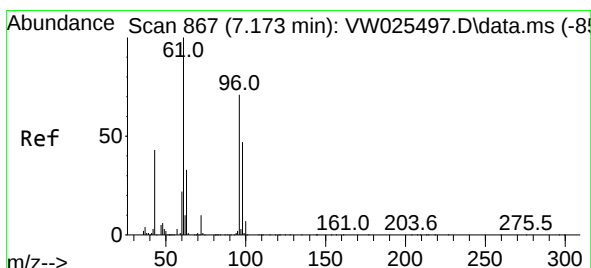
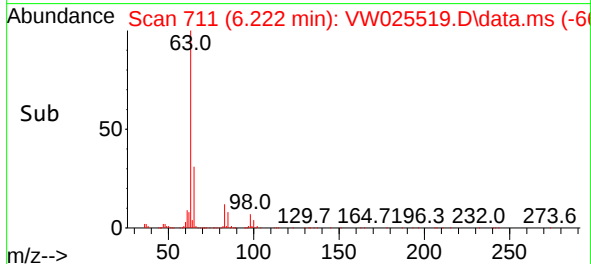
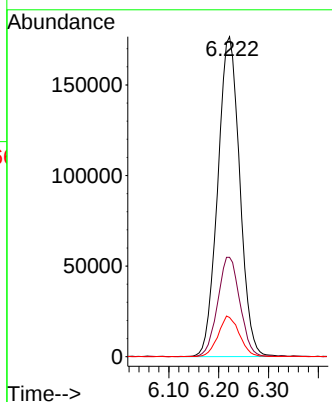


#19
1,1-Dichloroethane
Concen: 27.897 ug/L
RT: 6.222 min Scan# 711
Delta R.T. -0.000 min
Lab File: VW025519.D
Acq: 31 Mar 2023 09:04

Instrument :
MSVOA_W
ClientSampleId :

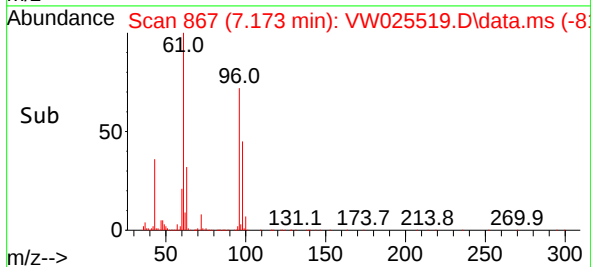
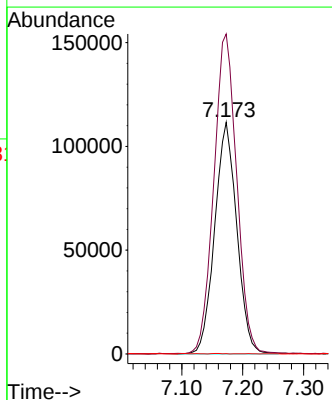
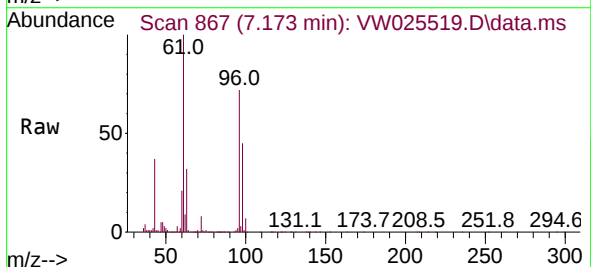


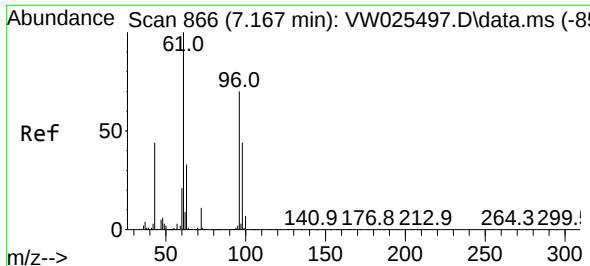
Tgt Ion: 63 Resp: 540460
Ion Ratio Lower Upper
63 100
65 31.1 21.7 40.3
83 12.3 8.4 15.6



#20
cis-1,2-Dichloroethene
Concen: 27.465 ug/L
RT: 7.173 min Scan# 867
Delta R.T. -0.000 min
Lab File: VW025519.D
Acq: 31 Mar 2023 09:04

Tgt Ion: 96 Resp: 281321
Ion Ratio Lower Upper
96 100
61 138.1 95.5 177.4
68 0.1 0.1 0.1

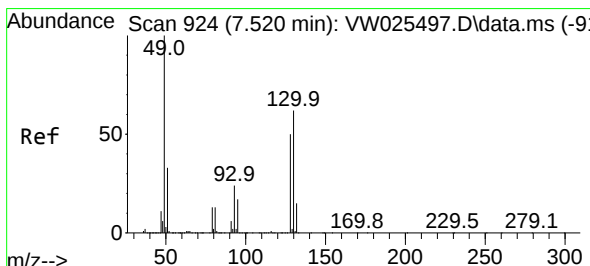
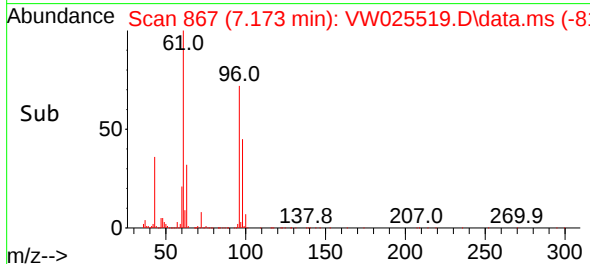
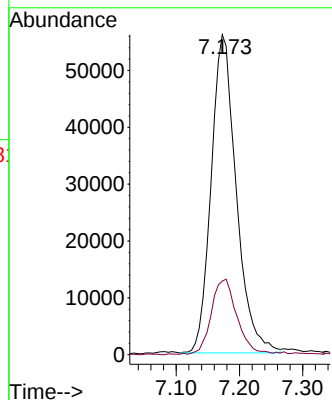
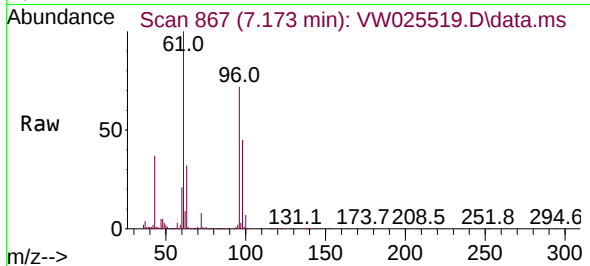




#22
2-Butanone
Concen: 42.534 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.006 min
Lab File: VW025519.D
Acq: 31 Mar 2023 09:04

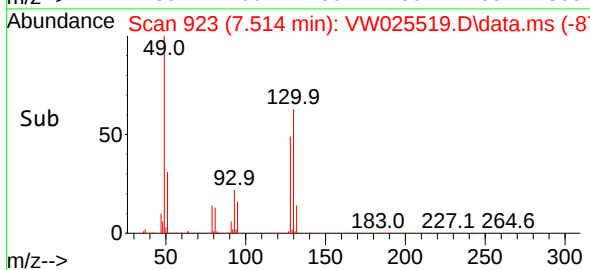
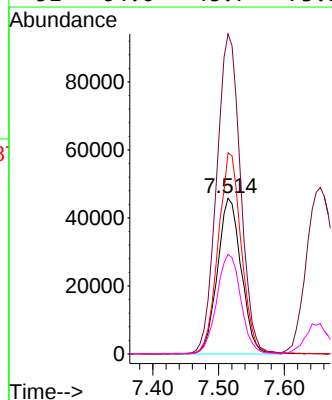
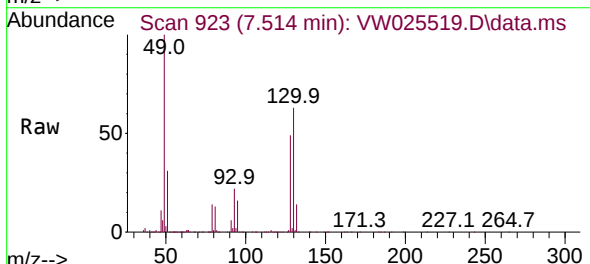
Instrument :
MSVOA_W
ClientSampleId :

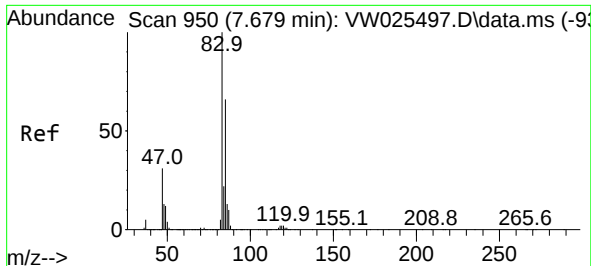
Tgt Ion: 43 Resp: 154492
Ion Ratio Lower Upper
43 100
72 24.0 12.0 36.1



#23
Bromochloromethane
Concen: 26.078 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.006 min
Lab File: VW025519.D
Acq: 31 Mar 2023 09:04

Tgt Ion: 128 Resp: 114870
Ion Ratio Lower Upper
128 100
49 205.3 140.6 261.0
130 129.2 80.8 150.0
51 64.0 48.7 73.1

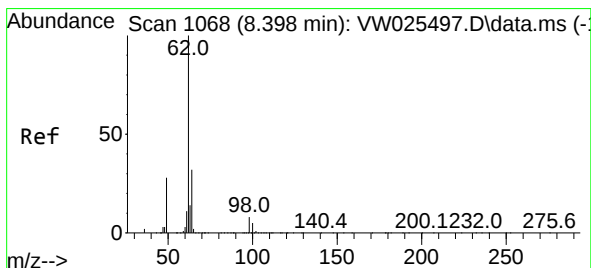
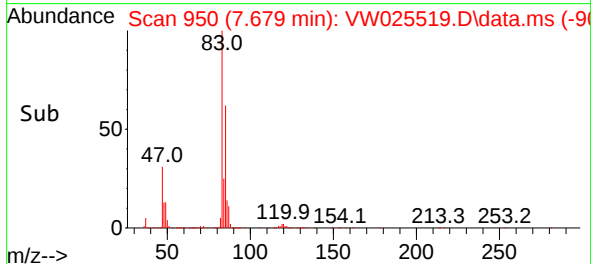
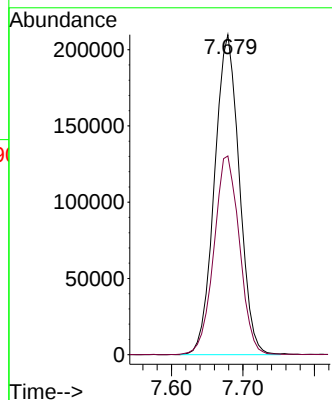
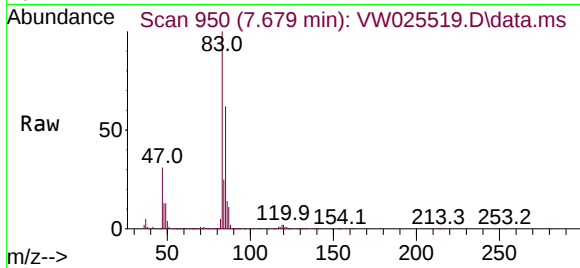




#25
Chloroform
Concen: 27.743 ug/L
RT: 7.679 min Scan# 91
Delta R.T. -0.000 min
Lab File: VW025519.D
Acq: 31 Mar 2023 09:04

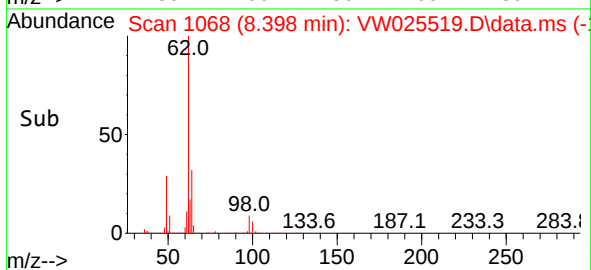
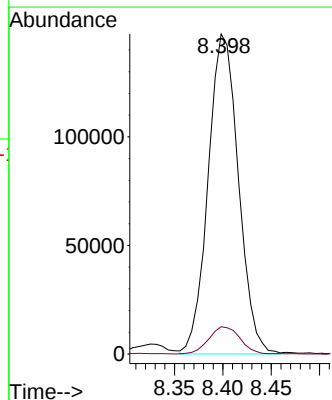
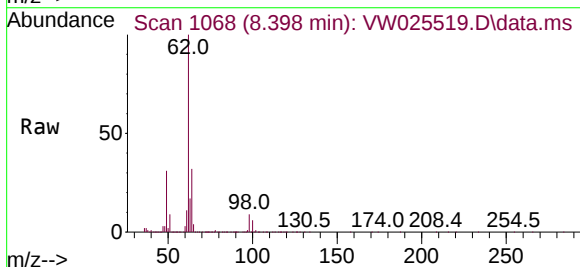
Instrument :
MSVOA_W
ClientSampleId :

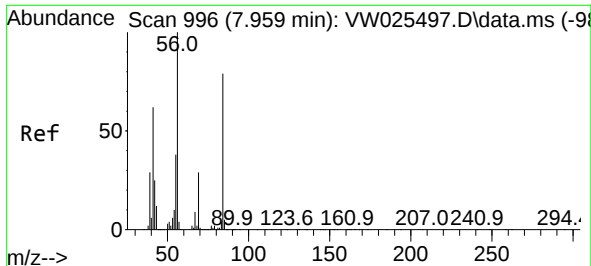
Tgt Ion: 83 Resp: 505266
Ion Ratio Lower Upper
83 100
85 62.1 44.7 82.9



#27
1,2-Dichloroethane
Concen: 26.422 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW025519.D
Acq: 31 Mar 2023 09:04

Tgt Ion: 62 Resp: 321133
Ion Ratio Lower Upper
62 100
98 8.5 7.2 10.8

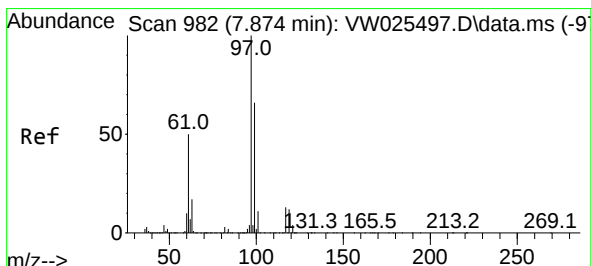
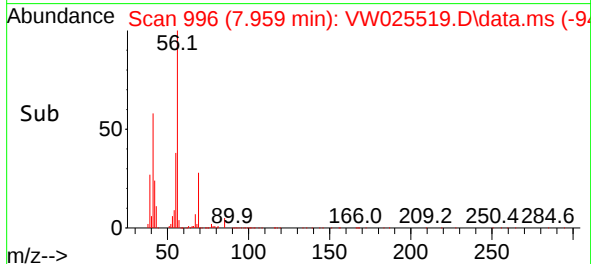
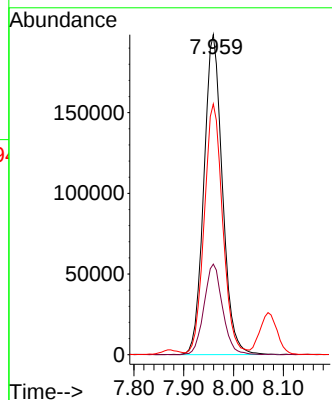
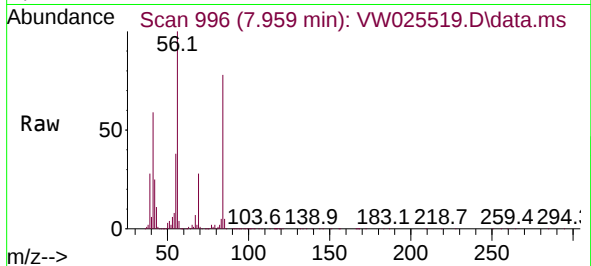




#29
Cyclohexane
Concen: 28.389 ug/L
RT: 7.959 min Scan# 996
Delta R.T. -0.000 min
Lab File: VW025519.D
Acq: 31 Mar 2023 09:04

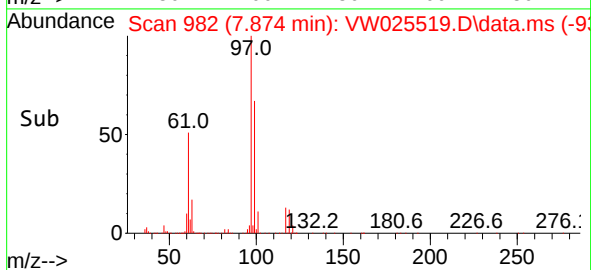
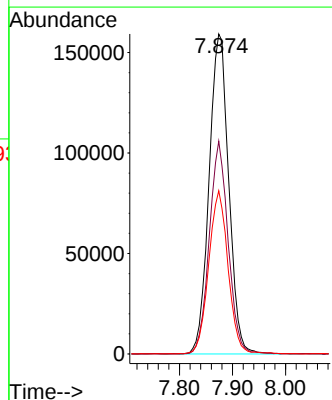
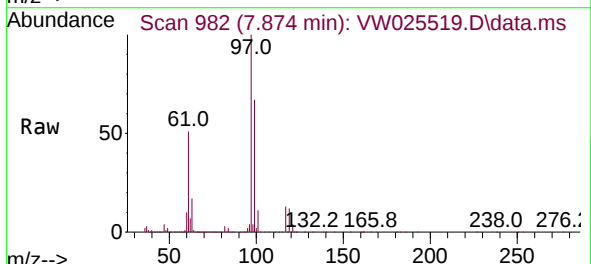
Instrument :
MSVOA_W
ClientSampleId :

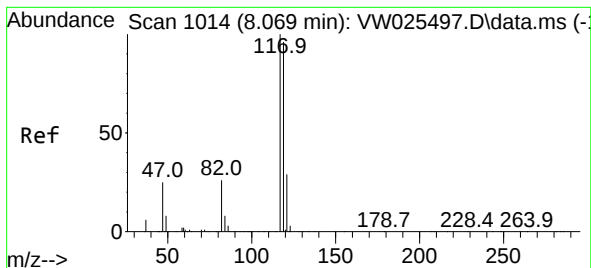
Tgt Ion: 56 Resp: 512051
Ion Ratio Lower Upper
56 100
69 28.3 23.1 34.7
84 78.3 63.9 95.9



#30
1,1,1-Trichloroethane
Concen: 26.948 ug/L
RT: 7.874 min Scan# 982
Delta R.T. -0.000 min
Lab File: VW025519.D
Acq: 31 Mar 2023 09:04

Tgt Ion: 97 Resp: 409343
Ion Ratio Lower Upper
97 100
99 63.5 50.9 76.3
61 50.1 39.8 59.6





#31

Carbon tetrachloride

Concen: 26.453 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. -0.000 min

Lab File: VW025519.D

Acq: 31 Mar 2023 09:04

Instrument :

MSVOA_W

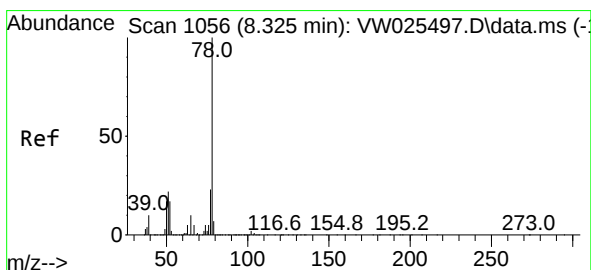
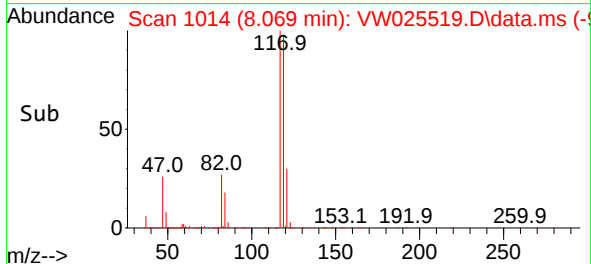
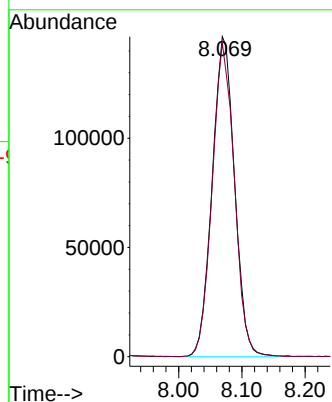
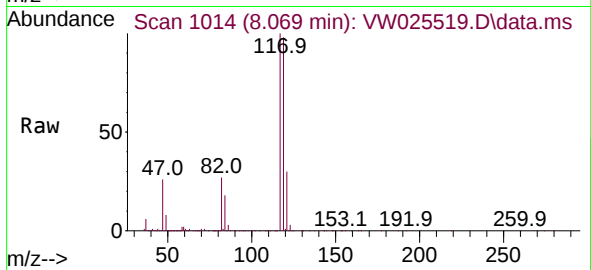
ClientSampleId :

Tgt Ion:117 Resp: 360193

Ion Ratio Lower Upper

117 100

119 96.8 75.8 113.6



#33

Benzene

Concen: 27.764 ug/L

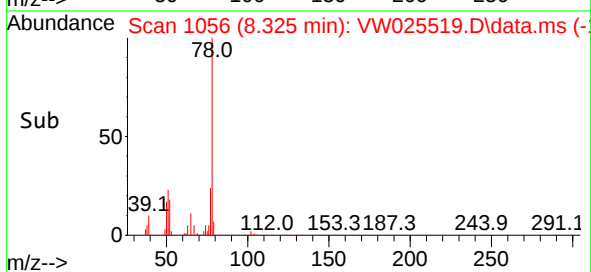
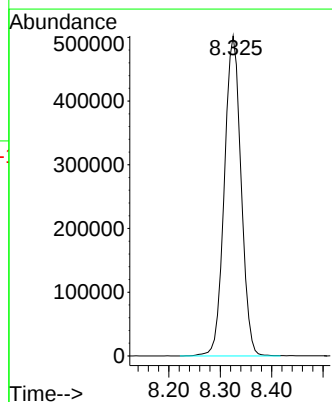
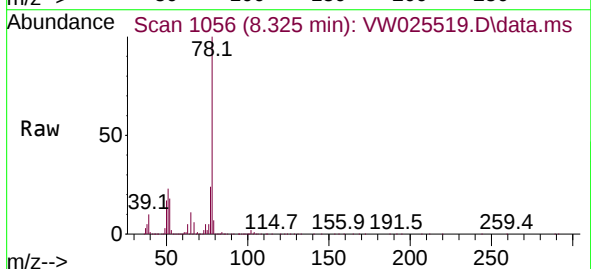
RT: 8.325 min Scan# 1056

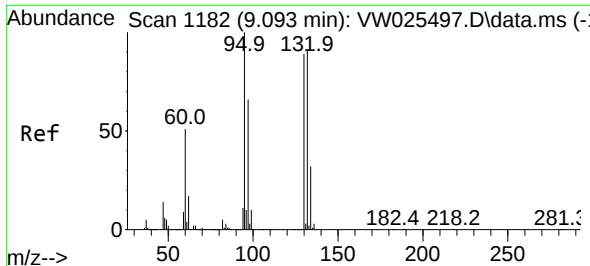
Delta R.T. -0.000 min

Lab File: VW025519.D

Acq: 31 Mar 2023 09:04

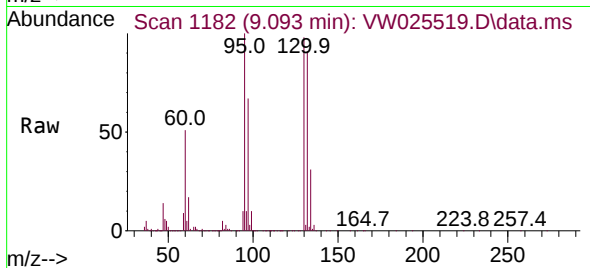
Tgt Ion: 78 Resp: 1134274





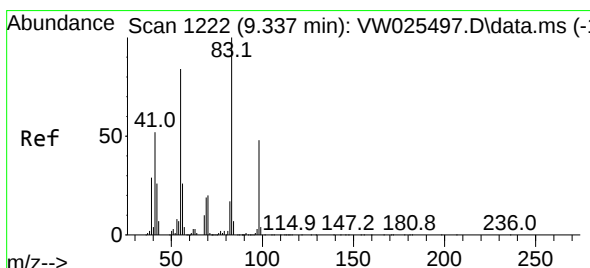
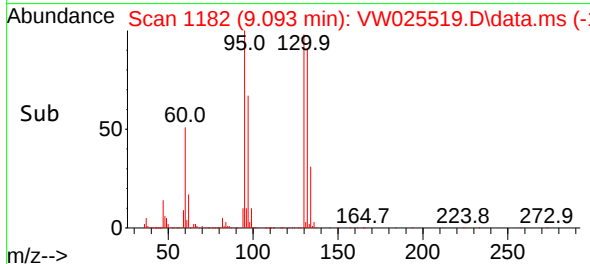
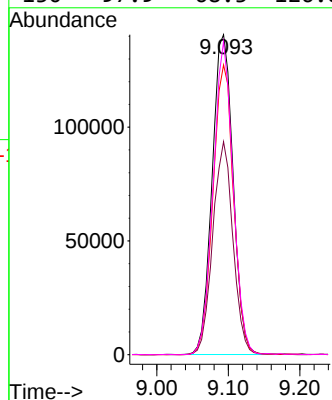
#34
Trichloroethene
Concen: 26.658 ug/L
RT: 9.093 min Scan# 1182
Delta R.T. -0.000 min
Lab File: VW025519.D
Acq: 31 Mar 2023 09:04

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 95 Resp: 285847

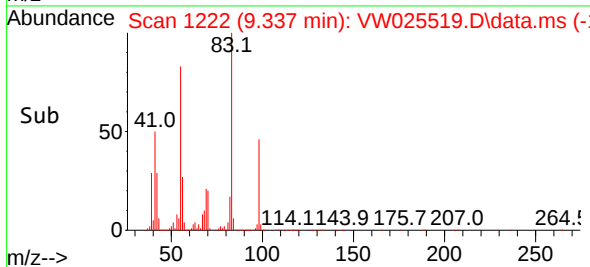
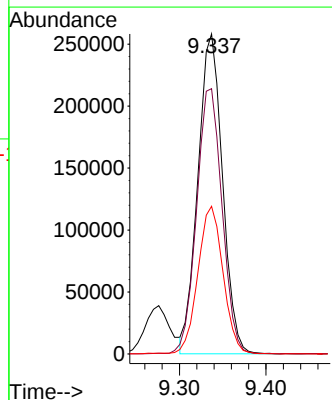
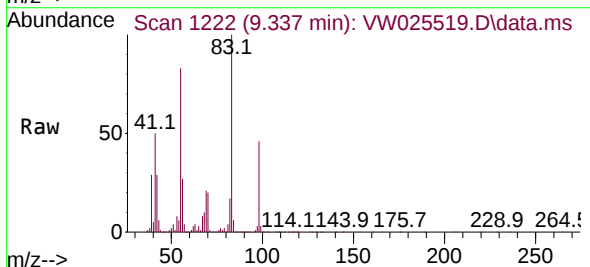
Ion	Ratio	Lower	Upper
95	100		
97	66.6	43.8	81.4
132	90.6	65.9	122.3
130	97.9	68.3	126.8

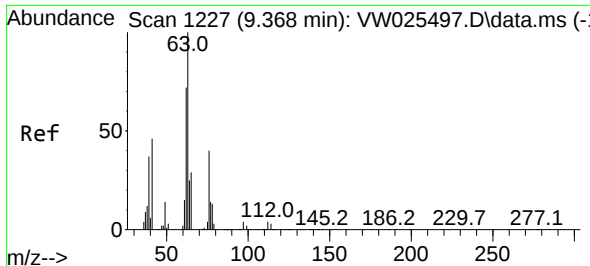


#35
Methylcyclohexane
Concen: 27.589 ug/L
RT: 9.337 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VW025519.D
Acq: 31 Mar 2023 09:04

Tgt Ion: 83 Resp: 509613

Ion	Ratio	Lower	Upper
83	100		
55	85.9	68.2	102.4
98	47.1	39.0	58.4

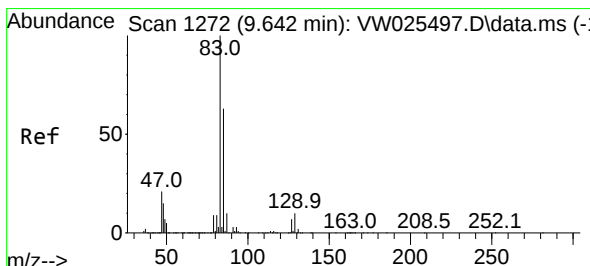
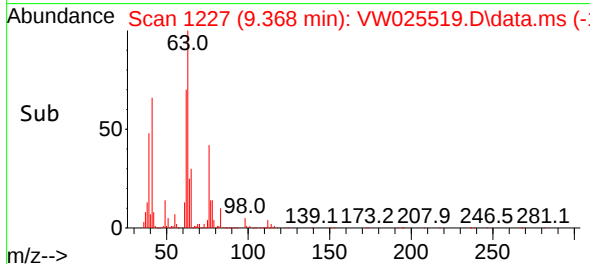
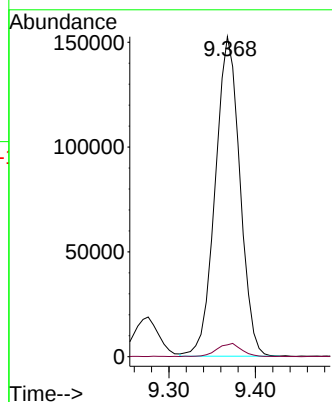
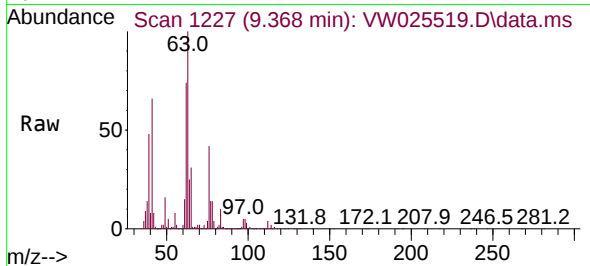




#37
1,2-Dichloropropane
Concen: 26.797 ug/L
RT: 9.368 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW025519.D
Acq: 31 Mar 2023 09:04

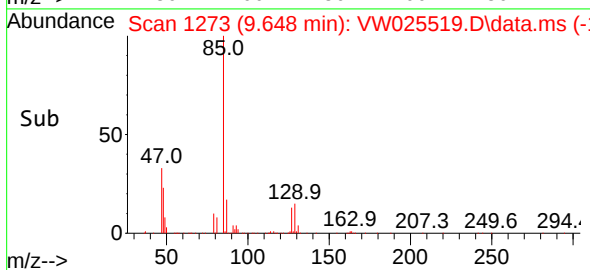
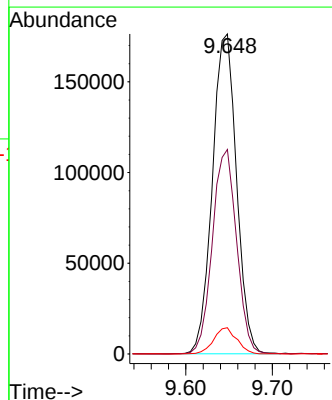
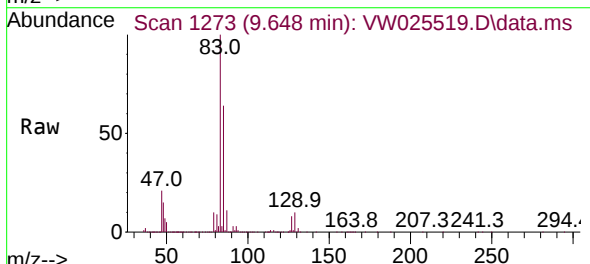
Instrument :
MSVOA_W
ClientSampleId :

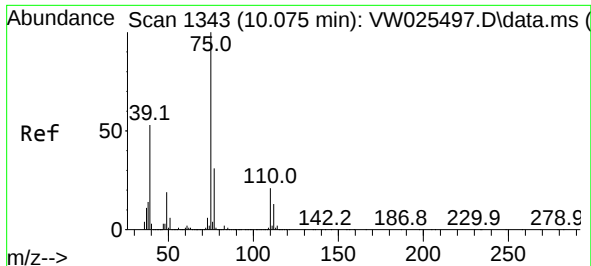
Tgt Ion: 63 Resp: 301346
Ion Ratio Lower Upper
63 100
112 4.2 3.2 4.8



#38
Bromodichloromethane
Concen: 26.074 ug/L
RT: 9.648 min Scan# 1273
Delta R.T. 0.006 min
Lab File: VW025519.D
Acq: 31 Mar 2023 09:04

Tgt Ion: 83 Resp: 341961
Ion Ratio Lower Upper
83 100
85 63.9 44.7 83.1
127 8.2 6.1 9.1





#39

cis-1,3-Dichloropropene

Concen: 26.664 ug/L

RT: 10.075 min Scan# 1343

Delta R.T. -0.000 min

Lab File: VW025519.D

Acq: 31 Mar 2023 09:04

Instrument :

MSVOA_W

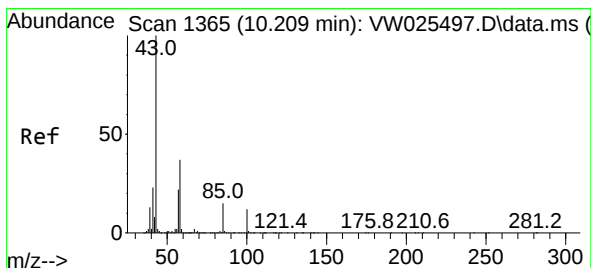
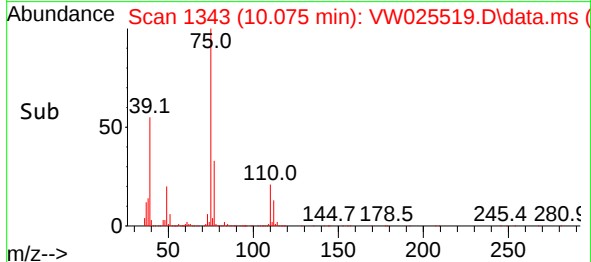
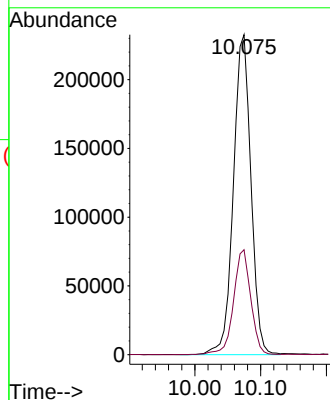
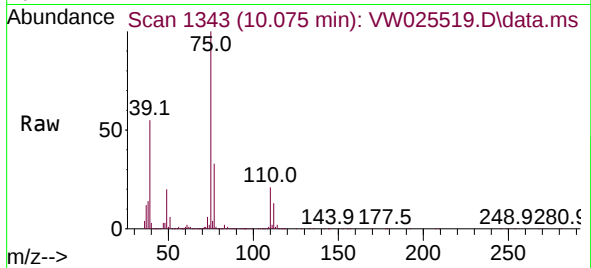
ClientSampleId :

Tgt Ion: 75 Resp: 431970

Ion Ratio Lower Upper

75 100

77 32.8 22.0 41.0



#40

4-Methyl-2-pentanone

Concen: 45.773 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW025519.D

Acq: 31 Mar 2023 09:04

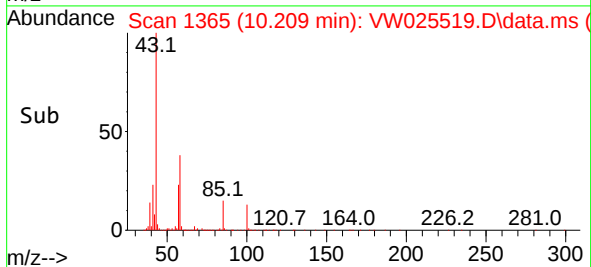
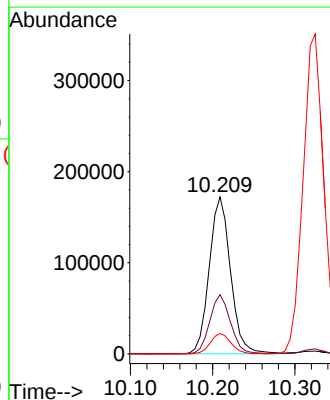
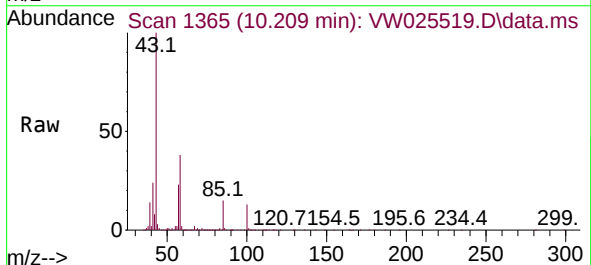
Tgt Ion: 43 Resp: 309381

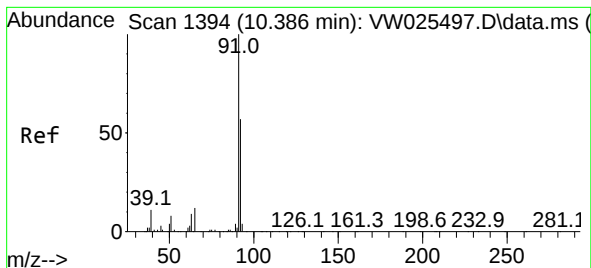
Ion Ratio Lower Upper

43 100

58 36.9 29.6 44.4

100 12.7 10.6 16.0





#42

Toluene

Concen: 27.945 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. -0.000 min

Lab File: VW025519.D

Acq: 31 Mar 2023 09:04

Instrument :

MSVOA_W

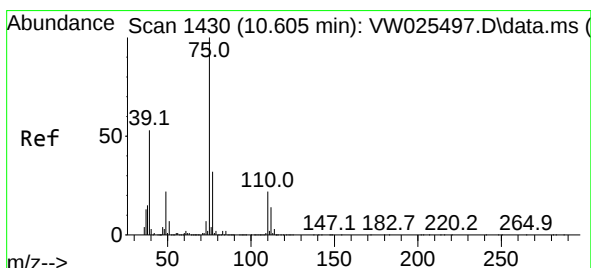
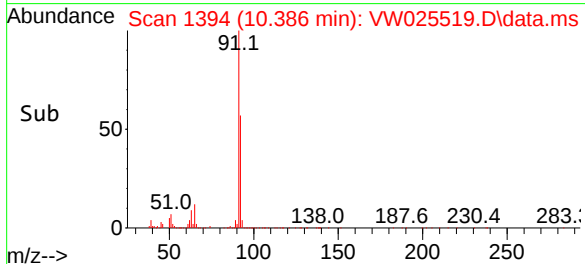
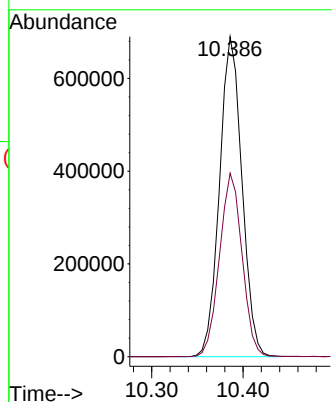
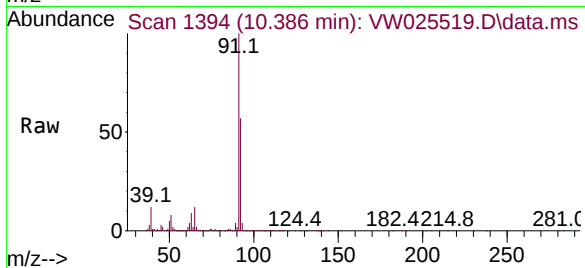
ClientSampleId :

Tgt Ion: 91 Resp: 1178787

Ion Ratio Lower Upper

91 100

92 57.4 41.6 77.3



#44

trans-1,3-Dichloropropene

Concen: 25.983 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW025519.D

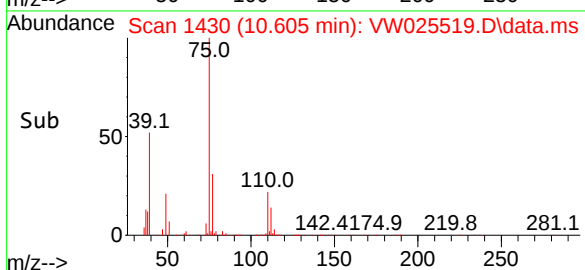
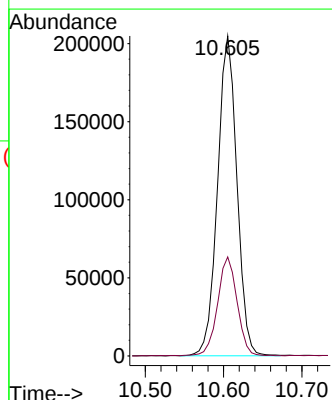
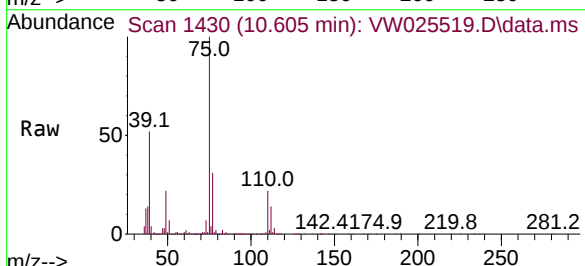
Acq: 31 Mar 2023 09:04

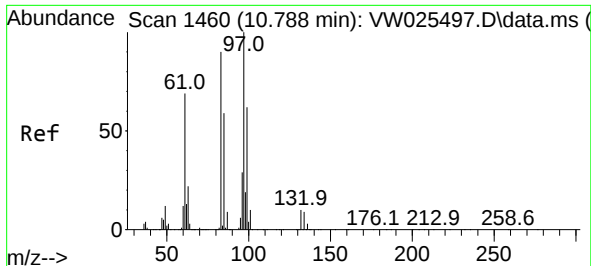
Tgt Ion: 75 Resp: 352513

Ion Ratio Lower Upper

75 100

77 31.0 22.3 41.3



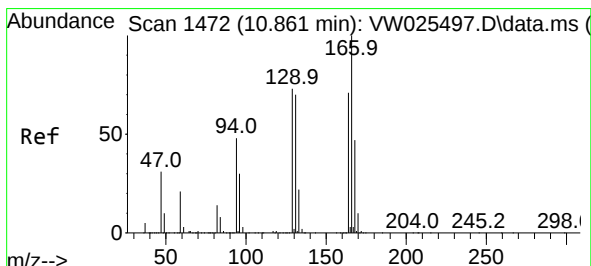
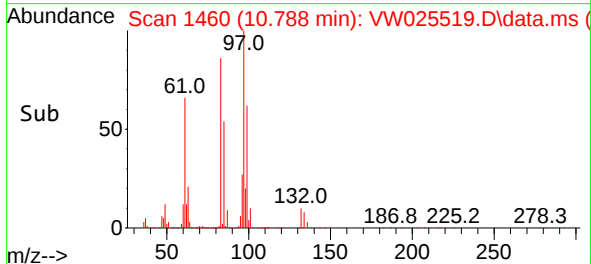
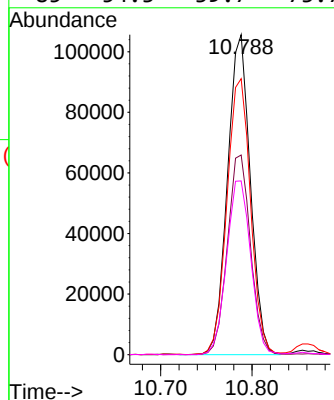
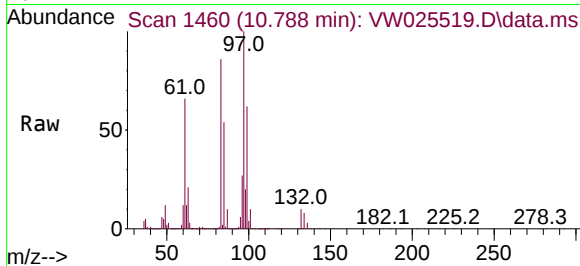


#45
1,1,2-Trichloroethane
Concen: 24.325 ug/L
RT: 10.788 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VW025519.D
Acq: 31 Mar 2023 09:04

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 97 Resp: 183702

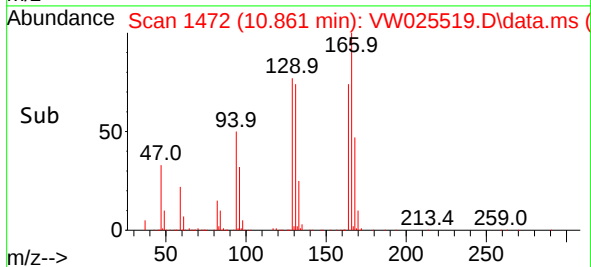
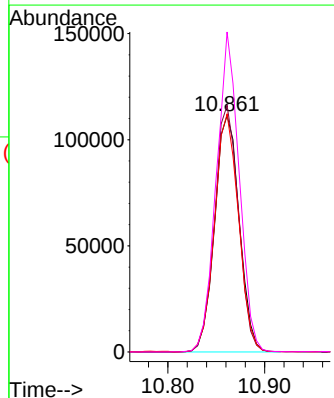
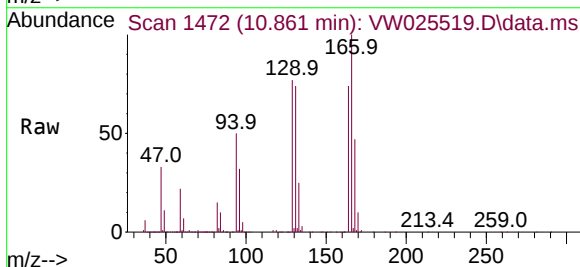
Ion	Ratio	Lower	Upper
97	100		
99	62.4	42.6	79.0
83	86.2	60.5	112.3
85	54.3	39.7	73.7

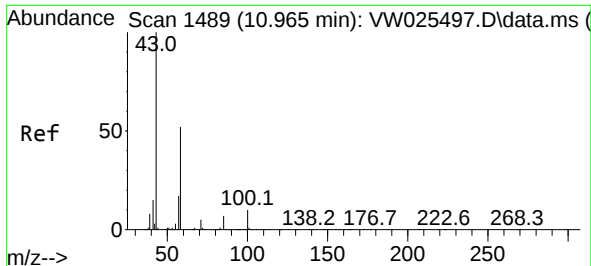


#46
Tetrachloroethene
Concen: 25.813 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW025519.D
Acq: 31 Mar 2023 09:04

Tgt Ion: 164 Resp: 196942

Ion	Ratio	Lower	Upper
164	100		
129	104.3	67.7	125.7
131	100.7	67.0	124.4
166	135.4	86.5	160.7

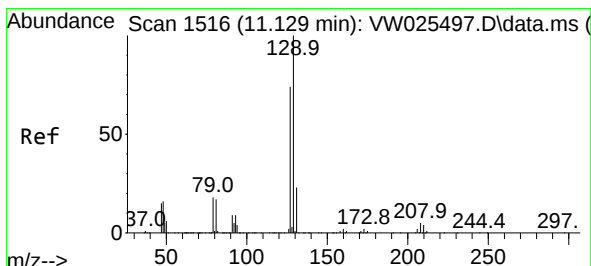
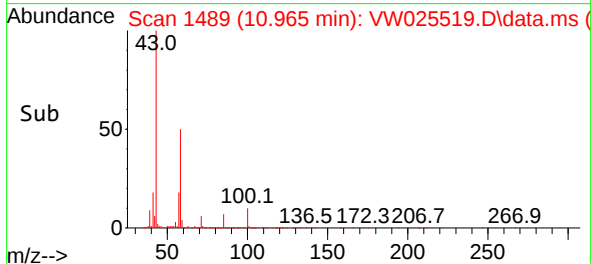
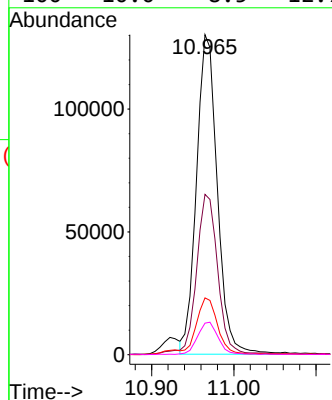
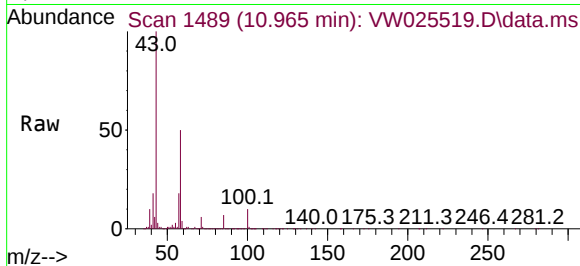




#48
2-Hexanone
Concen: 47.209 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW025519.D
Acq: 31 Mar 2023 09:04

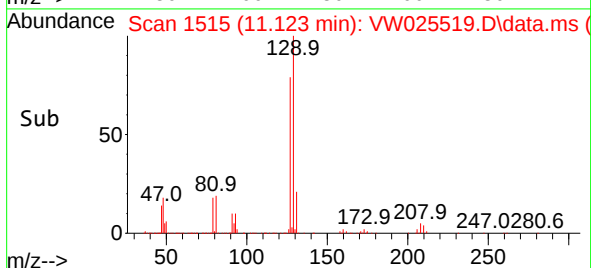
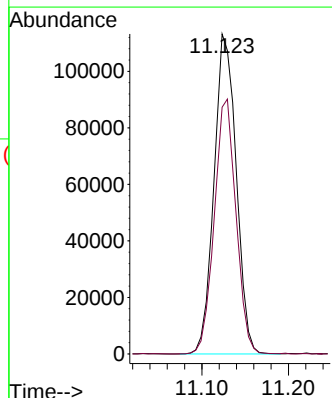
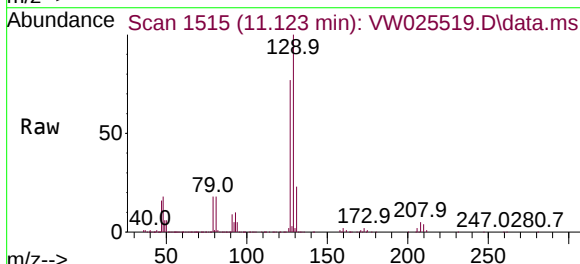
Instrument :
MSVOA_W
ClientSampleId :

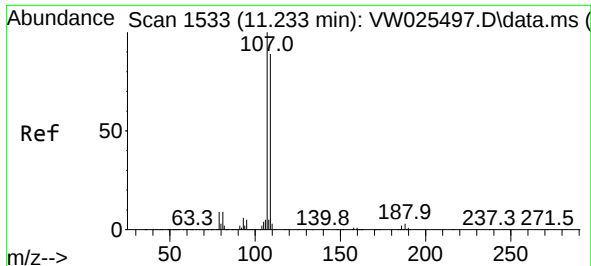
Tgt Ion:	43	Resp:	229567
Ion	Ratio	Lower	Upper
43	100		
58	51.7	41.2	61.8
57	17.3	14.2	21.4
100	10.0	8.5	12.7



#49
Dibromochloromethane
Concen: 24.971 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.006 min
Lab File: VW025519.D
Acq: 31 Mar 2023 09:04

Tgt Ion:	129	Resp:	201500
Ion	Ratio	Lower	Upper
129	100		
127	77.1	52.8	98.2

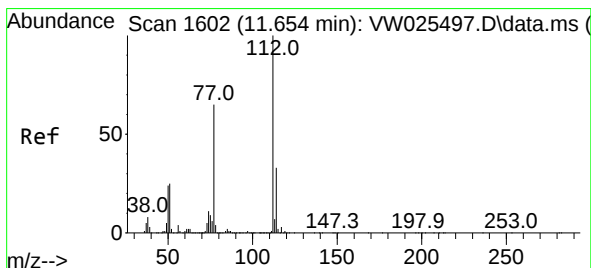
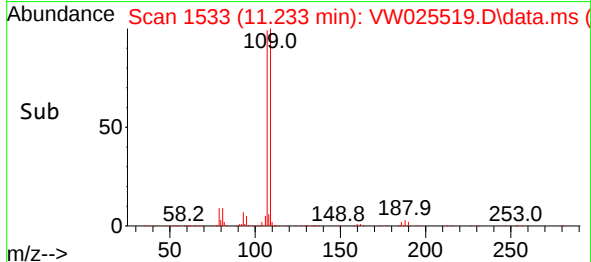
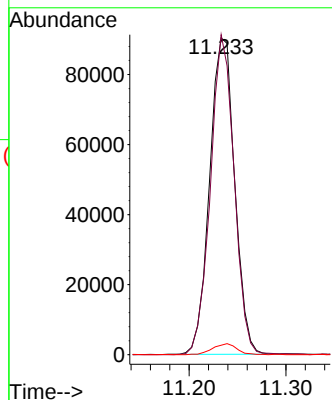
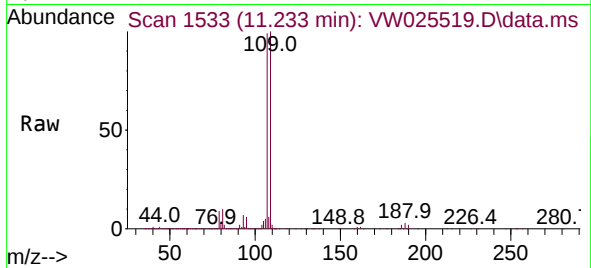




#50
1,2-Dibromoethane
Concen: 23.235 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VW025519.D
Acq: 31 Mar 2023 09:04

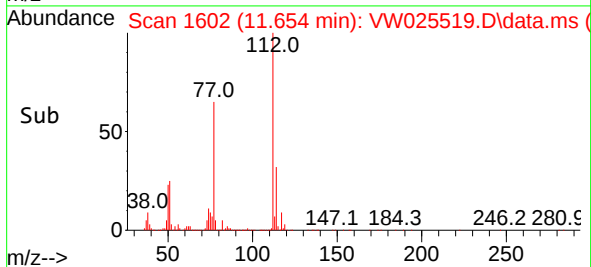
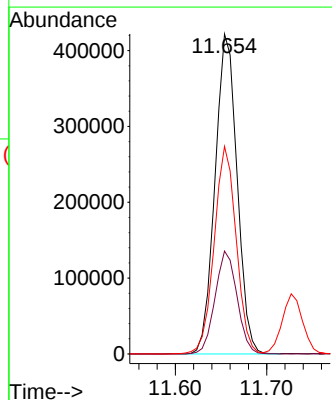
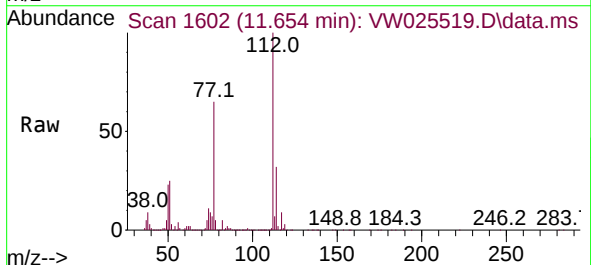
Instrument :
MSVOA_W
ClientSampleId :

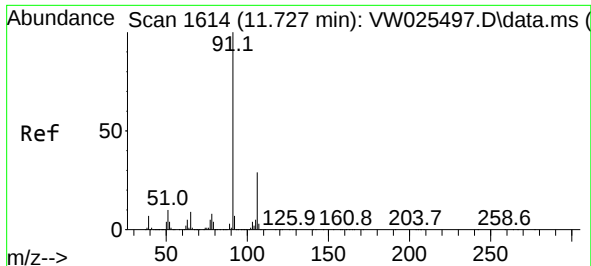
Tgt Ion:107 Resp: 162423
Ion Ratio Lower Upper
107 100
109 101.0 62.9 116.9
188 3.0 3.0 4.4



#51
Chlorobenzene
Concen: 26.417 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VW025519.D
Acq: 31 Mar 2023 09:04

Tgt Ion:112 Resp: 707205
Ion Ratio Lower Upper
112 100
114 32.2 21.9 40.7
77 64.9 51.8 77.8

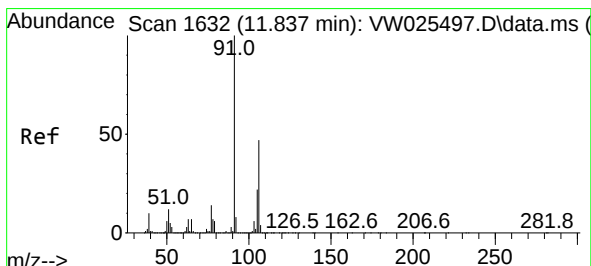
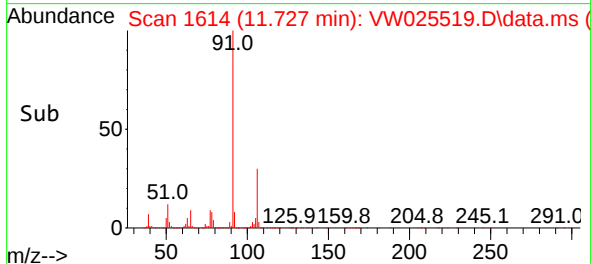
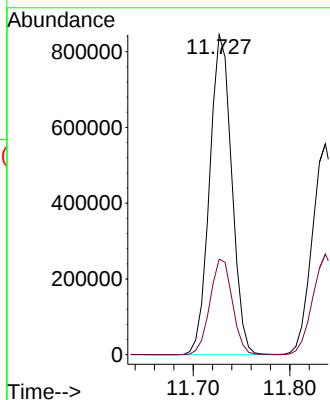
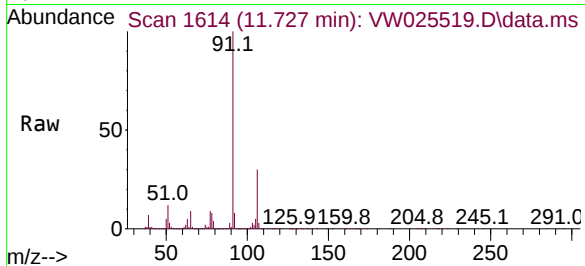




#52
Ethylbenzene
Concen: 27.878 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW025519.D
Acq: 31 Mar 2023 09:04

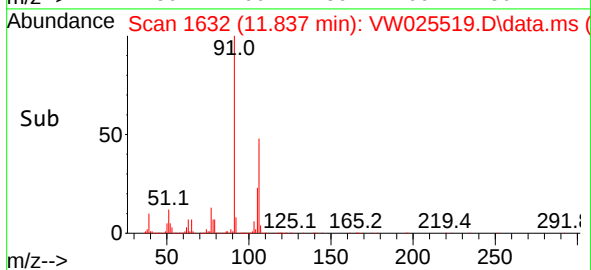
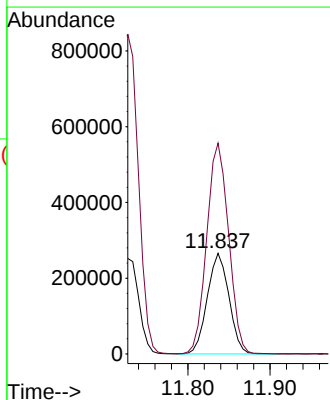
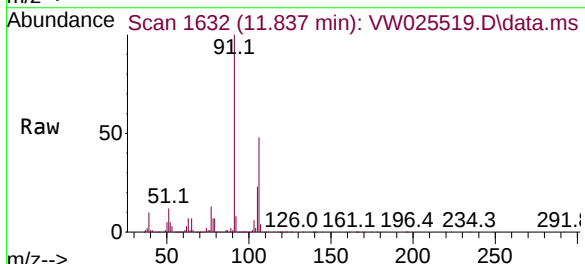
Instrument :
MSVOA_W
ClientSampleId :

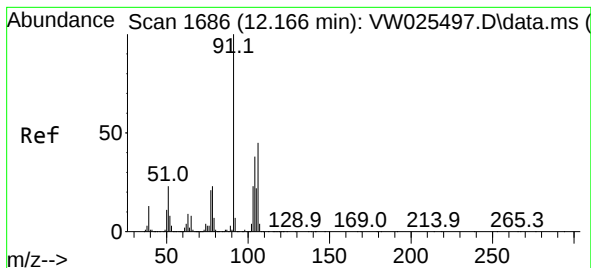
Tgt Ion: 91 Resp: 1341169
Ion Ratio Lower Upper
91 100
106 29.8 22.0 41.0



#53
m,p-Xylene
Concen: 27.409 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW025519.D
Acq: 31 Mar 2023 09:04

Tgt Ion:106 Resp: 486344
Ion Ratio Lower Upper
106 100
91 209.3 144.2 267.8





#54

o-Xylene

Concen: 27.503 ug/L

RT: 12.160 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW025519.D

Acq: 31 Mar 2023 09:04

Instrument :

MSVOA_W

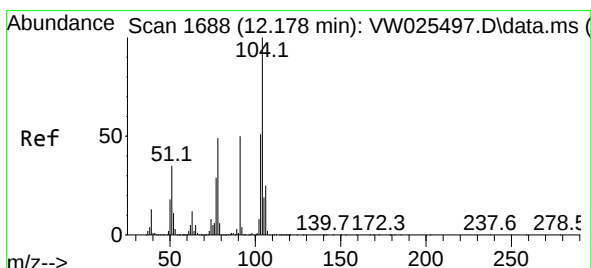
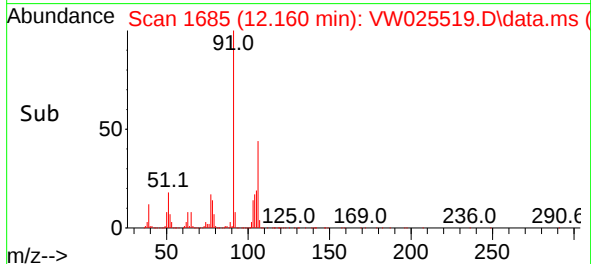
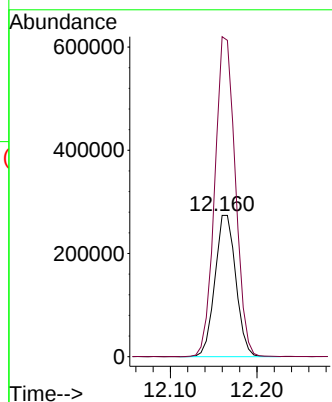
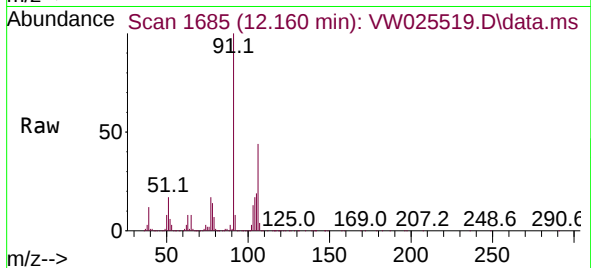
ClientSampleId :

Tgt Ion:106 Resp: 459211

Ion Ratio Lower Upper

106 100

91 226.6 154.6 287.2



#55

Styrene

Concen: 28.118 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. -0.000 min

Lab File: VW025519.D

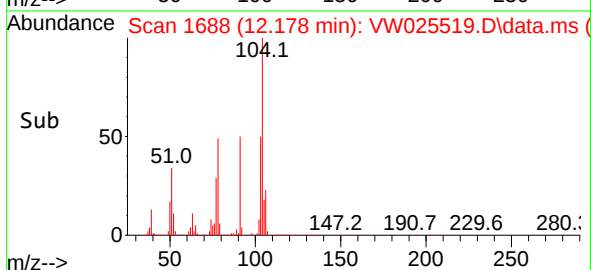
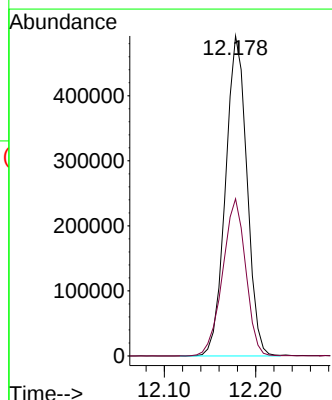
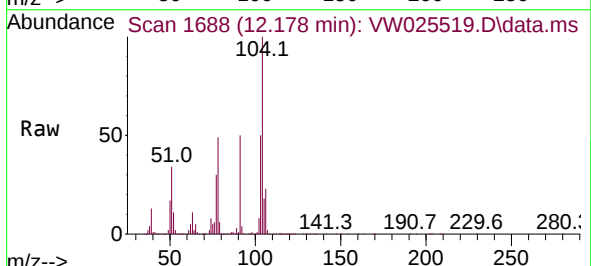
Acq: 31 Mar 2023 09:04

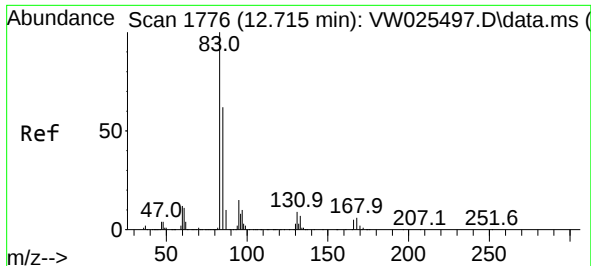
Tgt Ion:104 Resp: 801728

Ion Ratio Lower Upper

104 100

78 49.1 31.1 57.9





#57

1,1,2,2-Tetrachloroethane

Concen: 23.053 ug/L

RT: 12.708 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW025519.D

Acq: 31 Mar 2023 09:04

Instrument :

MSVOA_W

ClientSampleId :

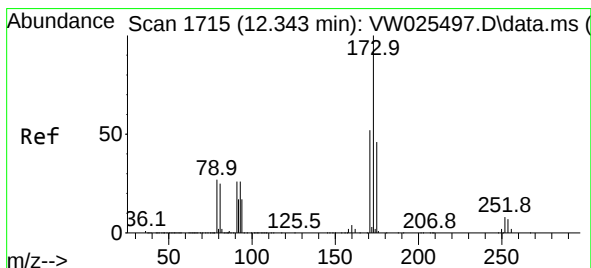
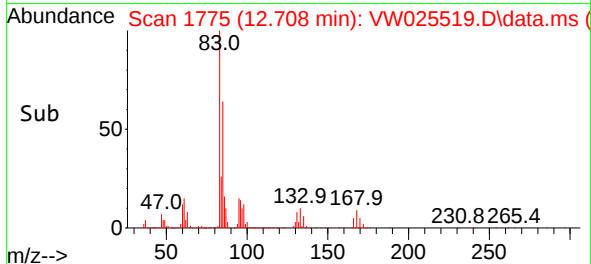
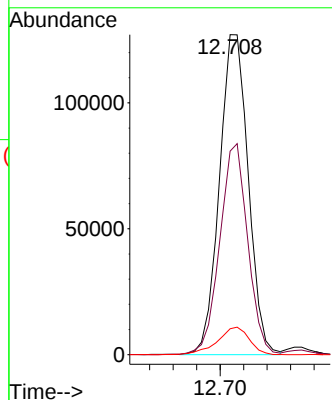
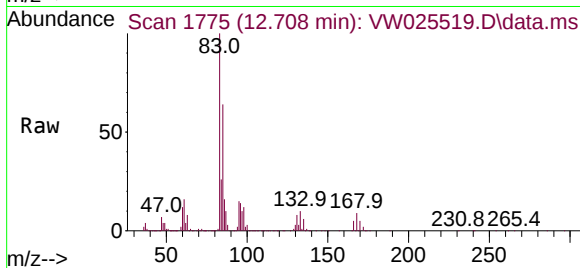
Tgt Ion: 83 Resp: 216562

Ion Ratio Lower Upper

83 100

85 63.6 45.4 84.2

131 8.1 8.0 12.0



#59

Bromoform

Concen: 22.826 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.006 min

Lab File: VW025519.D

Acq: 31 Mar 2023 09:04

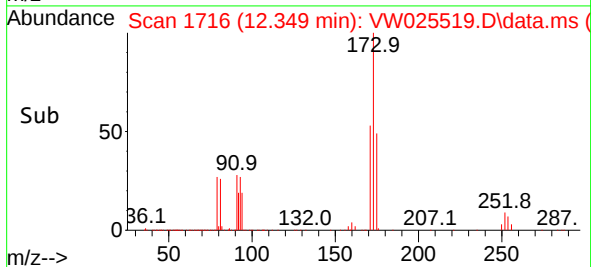
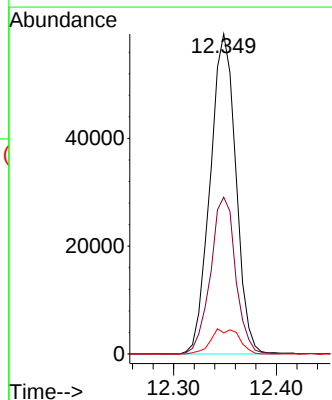
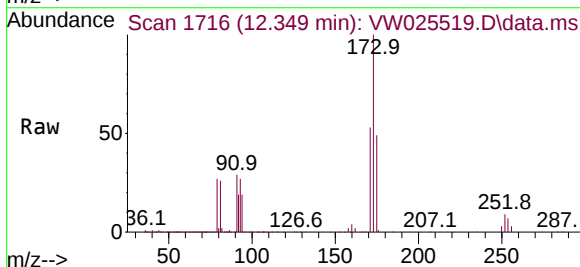
Tgt Ion:173 Resp: 103230

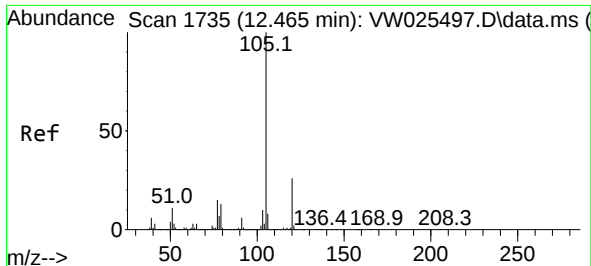
Ion Ratio Lower Upper

173 100

175 47.8 38.6 57.8

254 4.6 7.9 11.9#

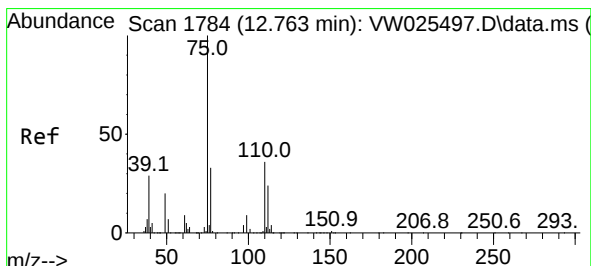
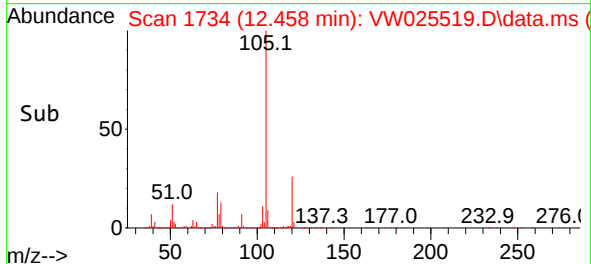
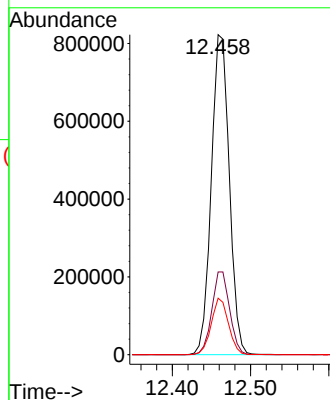
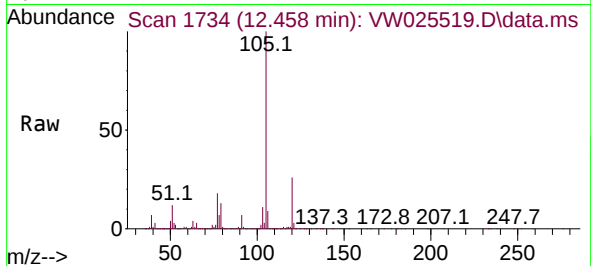




#60
Isopropylbenzene
Concen: 28.061 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. -0.006 min
Lab File: VW025519.D
Acq: 31 Mar 2023 09:04

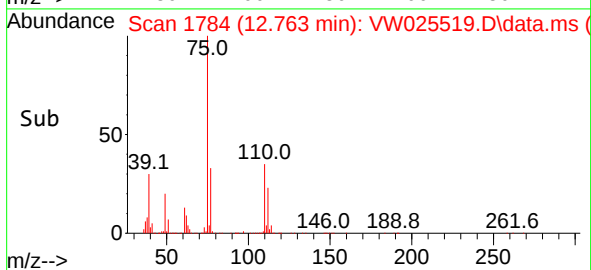
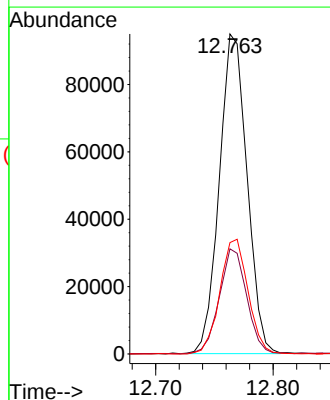
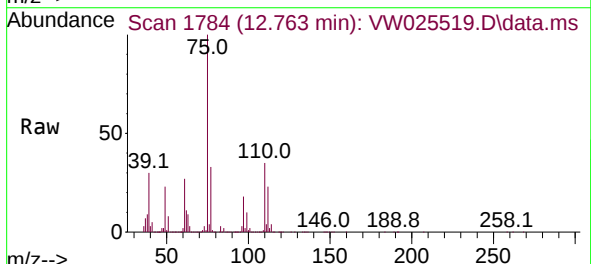
Instrument :
MSVOA_W
ClientSampleId :

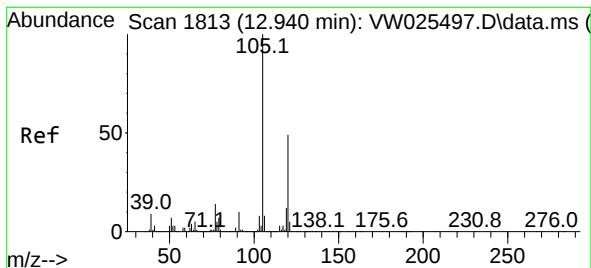
Tgt Ion:105 Resp: 1311250
Ion Ratio Lower Upper
105 100
120 25.6 20.9 31.3
77 16.9 13.1 19.7



#61
1,2,3-Trichloropropane
Concen: 22.789 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW025519.D
Acq: 31 Mar 2023 09:04

Tgt Ion: 75 Resp: 155635
Ion Ratio Lower Upper
75 100
77 32.4 25.4 38.2
110 36.5 28.9 43.3





#62

1,3,5-Trimethylbenzene

Concen: 28.741 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. -0.000 min

Lab File: VW025519.D

Acq: 31 Mar 2023 09:04

Instrument :

MSVOA_W

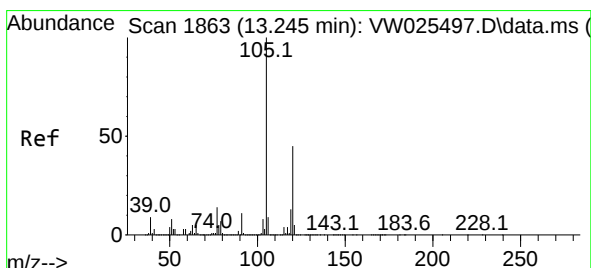
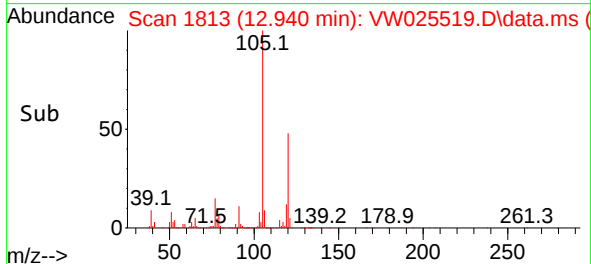
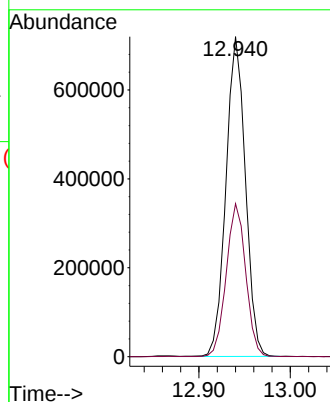
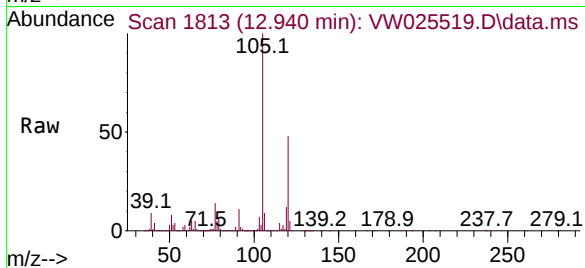
ClientSampleId :

Tgt Ion:105 Resp: 1063669

Ion Ratio Lower Upper

105 100

120 48.0 39.3 58.9



#63

1,2,4-Trimethylbenzene

Concen: 28.995 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. -0.000 min

Lab File: VW025519.D

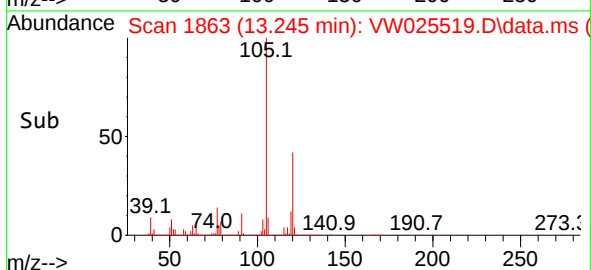
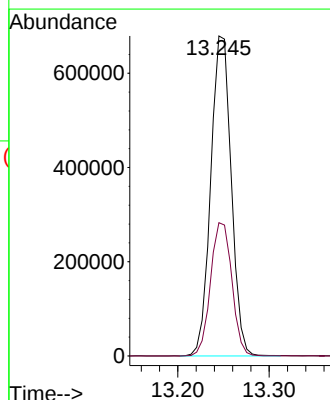
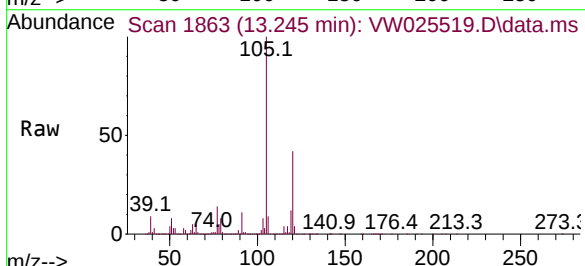
Acq: 31 Mar 2023 09:04

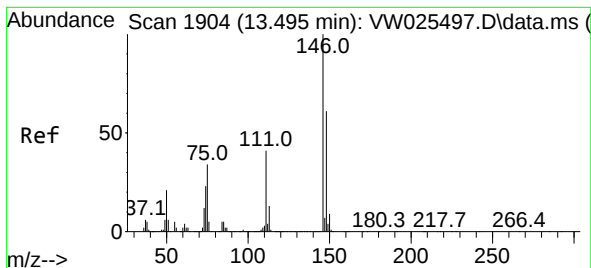
Tgt Ion:105 Resp: 1057113

Ion Ratio Lower Upper

105 100

120 43.2 36.0 54.0





#64

1,3-Dichlorobenzene

Concen: 26.841 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW025519.D

Acq: 31 Mar 2023 09:04

Instrument :

MSVOA_W

ClientSampleId :

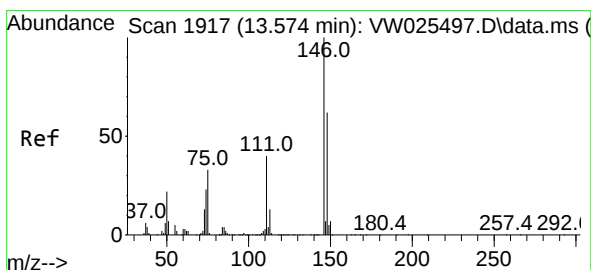
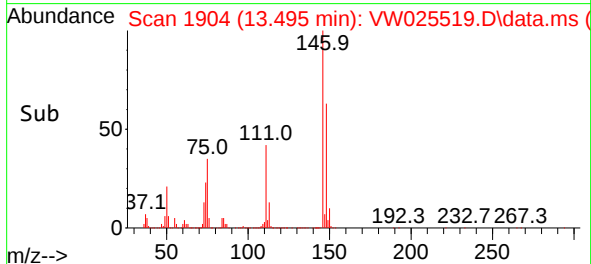
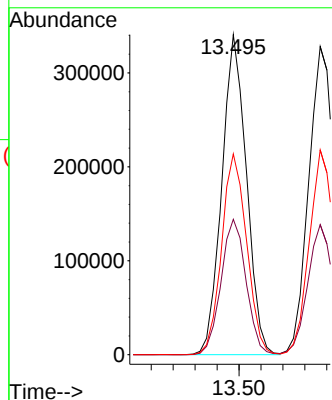
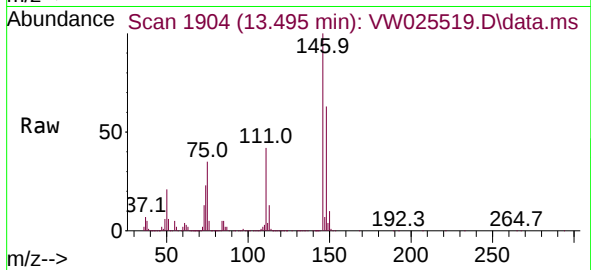
Tgt Ion:146 Resp: 531469

Ion Ratio Lower Upper

146 100

111 42.3 29.7 55.1

148 62.8 44.2 82.2



#65

1,4-Dichlorobenzene

Concen: 26.284 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW025519.D

Acq: 31 Mar 2023 09:04

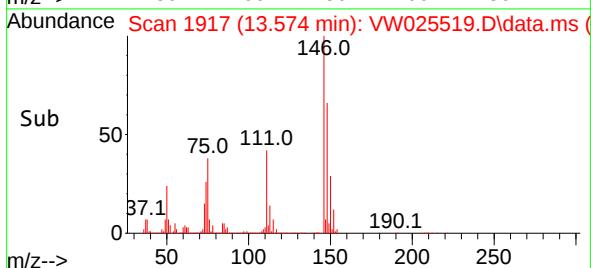
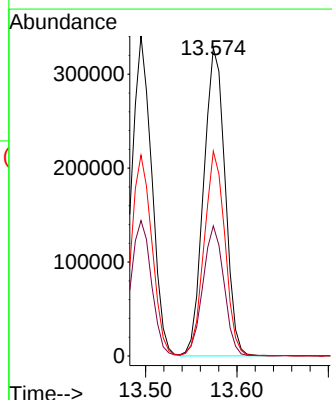
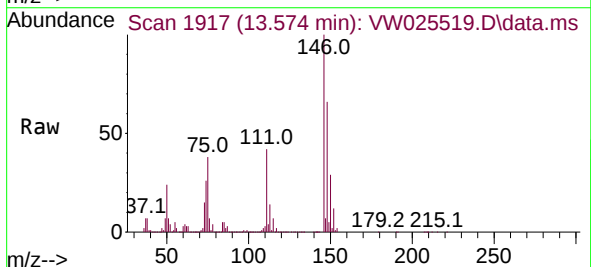
Tgt Ion:146 Resp: 533837

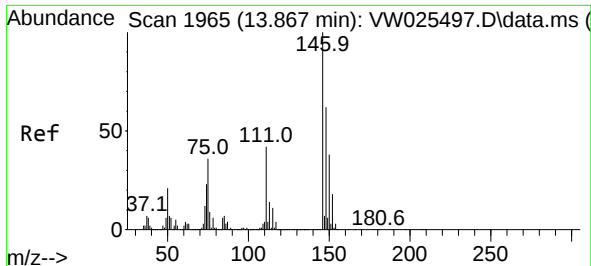
Ion Ratio Lower Upper

146 100

111 42.2 28.2 52.4

148 66.5 39.8 73.8





#67

1,2-Dichlorobenzene

Concen: 26.457 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW025519.D

Acq: 31 Mar 2023 09:04

Instrument :

MSVOA_W

ClientSampleId :

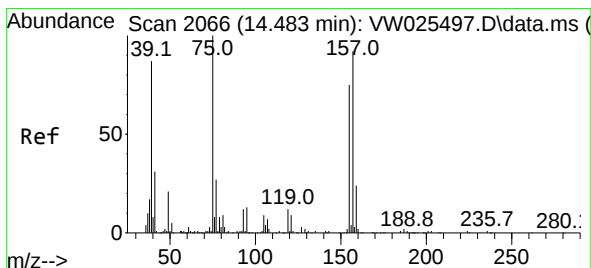
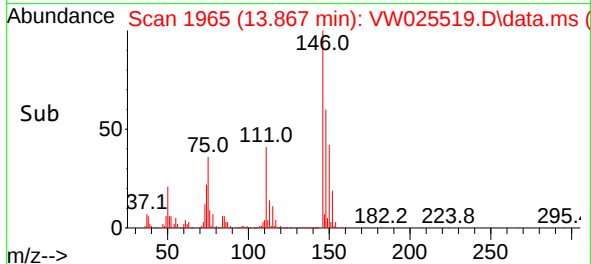
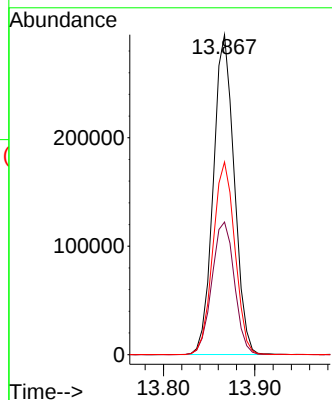
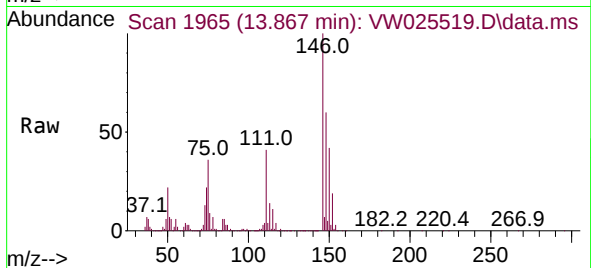
Tgt Ion:146 Resp: 469850

Ion Ratio Lower Upper

146 100

111 41.4 36.6 54.8

148 60.2 53.4 80.2



#68

1,2-Dibromo-3-chloropropane

Concen: 20.221 ug/L

RT: 14.483 min Scan# 2066

Delta R.T. -0.000 min

Lab File: VW025519.D

Acq: 31 Mar 2023 09:04

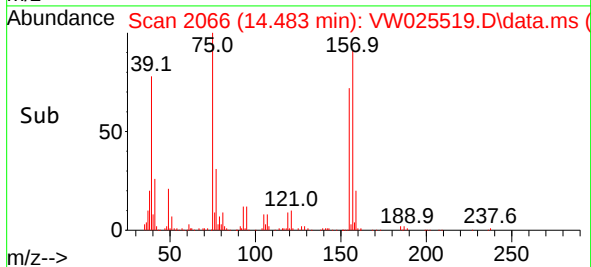
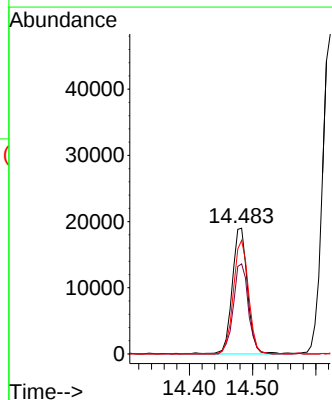
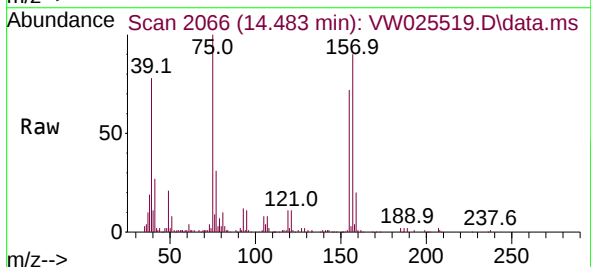
Tgt Ion: 75 Resp: 31971

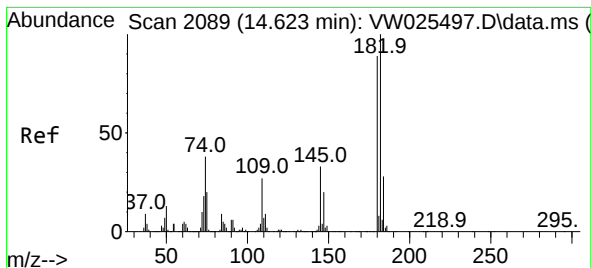
Ion Ratio Lower Upper

75 100

155 71.6 55.4 83.0

157 90.3 75.3 112.9





#69

1,3,5-Trichlorobenzene

Concen: 26.903 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

Lab File: VW025519.D

Acq: 31 Mar 2023 09:04

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:180 Resp: 362107

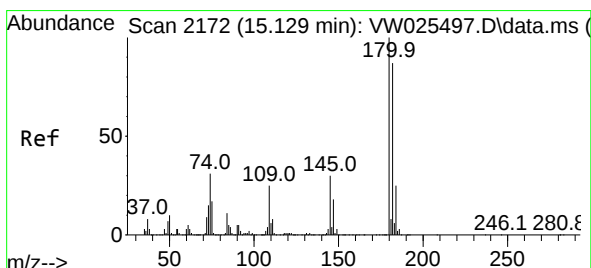
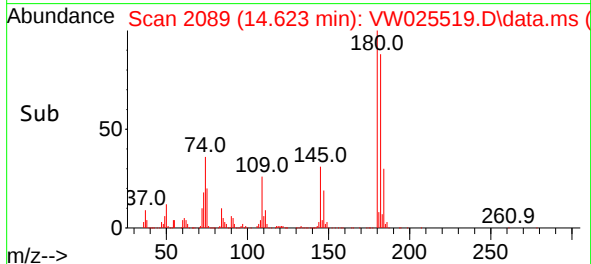
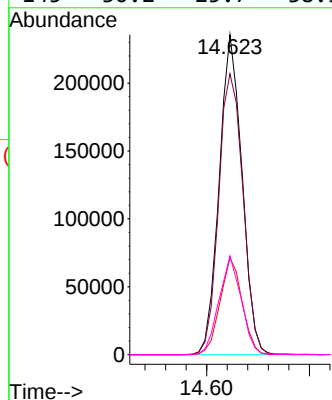
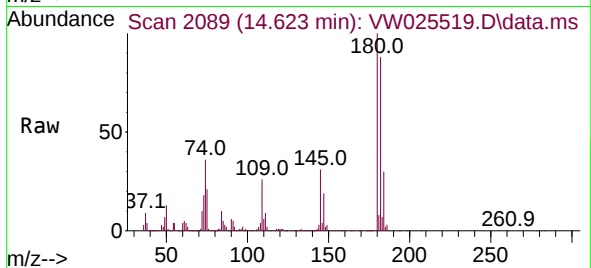
Ion Ratio Lower Upper

180 100

182 93.6 77.1 115.7

184 29.4 24.7 37.1

145 30.2 25.7 38.5



#70

1,2,4-trichlorobenzene

Concen: 25.729 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. -0.000 min

Lab File: VW025519.D

Acq: 31 Mar 2023 09:04

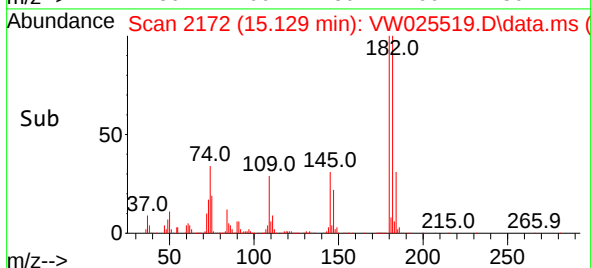
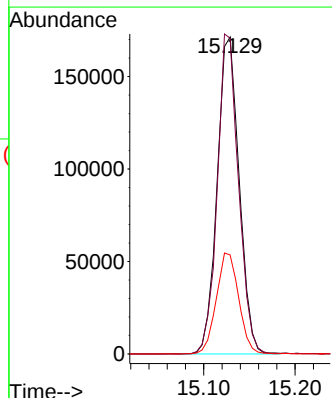
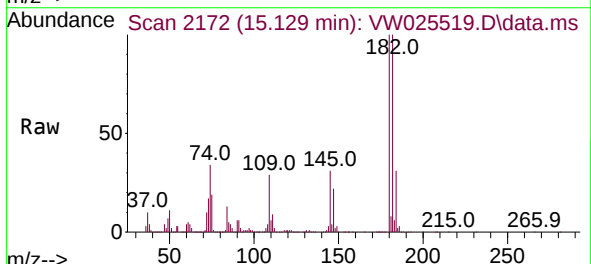
Tgt Ion:180 Resp: 287130

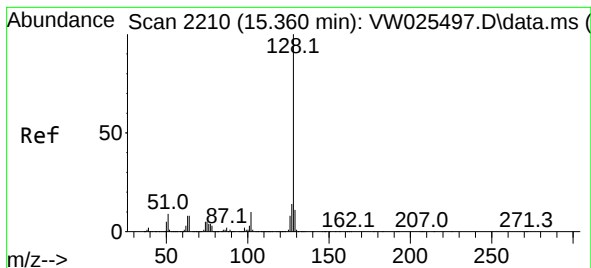
Ion Ratio Lower Upper

180 100

182 96.8 75.5 113.3

145 32.4 25.2 37.8





#71

Naphthalene

Concen: 23.960 ug/L

RT: 15.360 min Scan# 21

Delta R.T. -0.000 min

Lab File: VW025519.D

Acq: 31 Mar 2023 09:04

Instrument :

MSVOA_W

ClientSampleId :

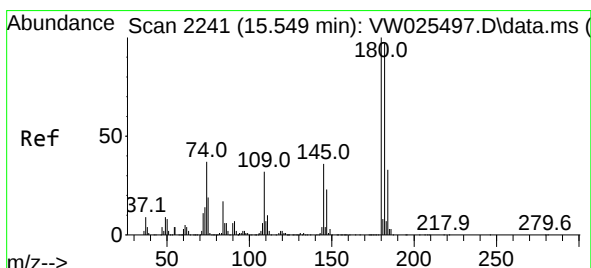
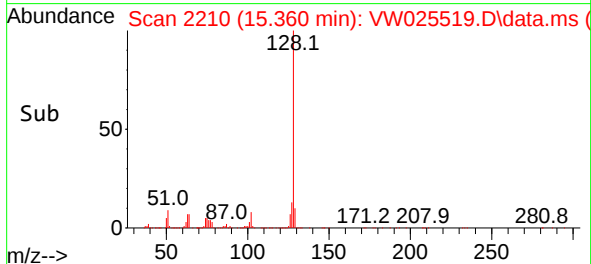
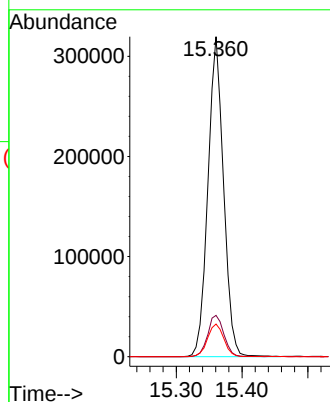
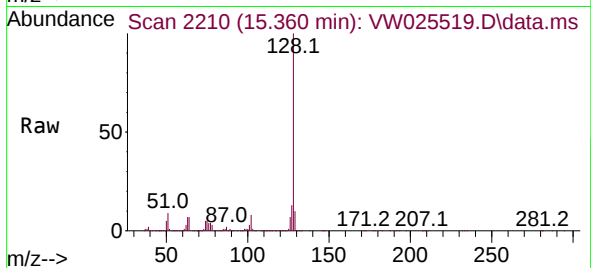
Tgt Ion:128 Resp: 527821

Ion Ratio Lower Upper

128 100

127 13.4 10.6 16.0

129 10.6 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 24.505 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. -0.000 min

Lab File: VW025519.D

Acq: 31 Mar 2023 09:04

Tgt Ion:180 Resp: 245630

Ion Ratio Lower Upper

180 100

182 98.6 76.6 114.8

145 35.5 27.7 41.5

