

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041924\
 Data File : VW028497.D
 Acq On : 19 Apr 2024 15:37
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 19 21:48:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Apr 19 21:45:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	311259	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	288108	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	145477	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	87867	17.609	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.440%
7) Chloroethane-d5	2.899	69	76061	20.111	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.440%
11) 1,1-Dichloroethene-d2	4.021	65	38886	18.402	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.600%
21) 2-Butanone-d5	7.081	46	58706	62.871	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	125.740%
24) Chloroform-d	7.648	84	194536	23.951	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.800%
26) 1,2-Dichloroethane-d4	8.307	65	110654	26.216	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.880%
32) Benzene-d6	8.270	84	367054	23.321	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.280%
36) 1,2-Dichloropropane-d6	9.270	67	112934	24.140	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.560%
41) Toluene-d8	10.319	98	328942	22.984	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.920%
43) trans-1,3-Dichloroprop...	10.575	79	45832	24.638	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.560%
47) 2-Hexanone-d5	10.922	63	40958	63.203	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	126.400%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	99237	30.065	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	120.240%#
66) 1,2-Dichlorobenzene-d4	13.848	152	113898	24.756	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.040%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	91181	21.781	ug/L	98
3) Chloromethane	2.223	50	107089	21.788	ug/L	97
5) Vinyl chloride	2.375	62	125118	21.375	ug/L	100
6) Bromomethane	2.789	94	79181	21.651	ug/L	99
8) Chloroethane	2.936	64	76858	21.782	ug/L	98
9) Trichlorofluoromethane	3.265	101	104521	22.384	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	96759	22.025	ug/L	96
12) 1,1-Dichloroethene	4.045	96	93565	22.683	ug/L	97
13) Acetone	4.137	43	64583	56.329	ug/L	95
14) Carbon disulfide	4.387	76	280105	20.626	ug/L	99
15) Methyl Acetate	4.673	43	51439	27.884	ug/L	99
16) Methylene chloride	4.917	84	131678	27.958	ug/L	94
17) trans-1,2-Dichloroethene	5.429	96	101174	23.285	ug/L	91
18) Methyl tert-butyl Ether	5.429	73	157631	25.790	ug/L	99
19) 1,1-Dichloroethane	6.216	63	202977	23.976	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	111297	24.134	ug/L	97
22) 2-Butanone	7.173	43	78388	56.337	ug/L	96
23) Bromochloromethane	7.520	128	48433	24.383	ug/L	96
25) Chloroform	7.673	83	204626	24.606	ug/L	96

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 Response via : Initial Calibration

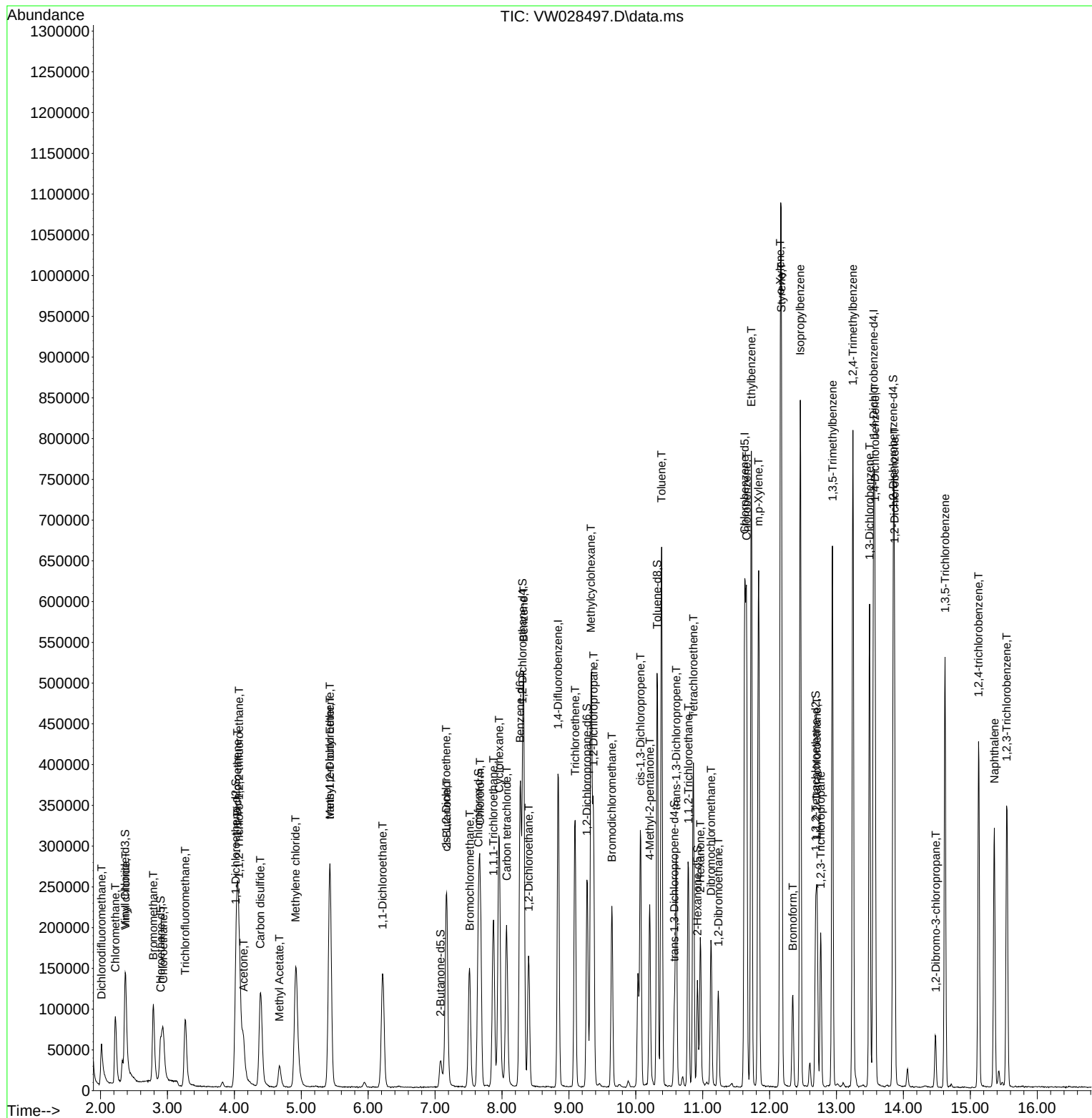
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	148261	25.830	ug/L	97
29) Cyclohexane	7.959	56	178728	23.485	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	162850	23.306	ug/L	100
31) Carbon tetrachloride	8.069	117	149056	24.056	ug/L	96
33) Benzene	8.325	78	432366	24.002	ug/L	100
34) Trichloroethene	9.093	95	115281	23.615	ug/L	96
35) Methylcyclohexane	9.331	83	193978	23.286	ug/L	99
37) 1,2-Dichloropropane	9.368	63	115943	24.695	ug/L	100
38) Bromodichloromethane	9.642	83	144350	24.805	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	174711	25.376	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	151502	64.461	ug/L	99
42) Toluene	10.386	91	468528	24.552	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	146153	26.240	ug/L	98
45) 1,1,2-Trichloroethane	10.788	97	84008	26.448	ug/L	95
46) Tetrachloroethene	10.861	164	84017	23.041	ug/L	88
48) 2-Hexanone	10.965	43	116425	62.407	ug/L	98
49) Dibromochloromethane	11.123	129	92093	27.126	ug/L	97
50) 1,2-Dibromoethane	11.233	107	75660	26.098	ug/L #	92
51) Chlorobenzene	11.654	112	287358	24.225	ug/L	99
52) Ethylbenzene	11.727	91	527322	24.376	ug/L	100
53) m,p-Xylene	11.837	106	190556	23.687	ug/L	97
54) o-Xylene	12.160	106	186812	24.940	ug/L	99
55) Styrene	12.178	104	323760	25.396	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.708	83	104011	28.935	ug/L	99
59) Bromoform	12.349	173	47559	24.767	ug/L	98
60) Isopropylbenzene	12.458	105	516543	23.684	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	74293	27.933	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	336350	24.197	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	411988	24.627	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	221355	23.920	ug/L	93
65) 1,4-Dichlorobenzene	13.574	146	225089	23.911	ug/L	95
67) 1,2-Dichlorobenzene	13.867	146	199799	24.545	ug/L	87
68) 1,2-Dibromo-3-chloropr...	14.482	75	15621	25.630	ug/L	94
69) 1,3,5-Trichlorobenzene	14.623	180	143184	22.485	ug/L	99
70) 1,2,4-trichlorobenzene	15.123	180	121591	24.451	ug/L	91
71) Naphthalene	15.360	128	250646	28.480	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	112530	25.501	ug/L	97

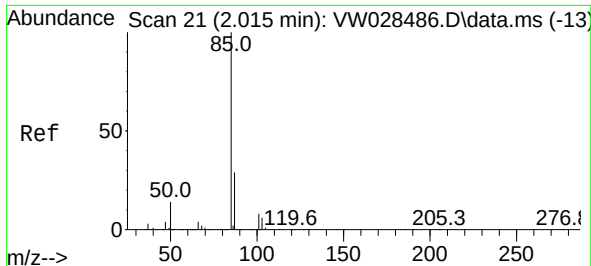
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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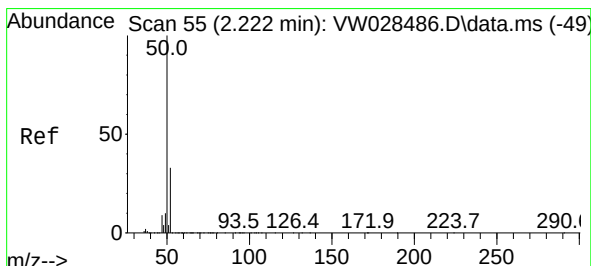
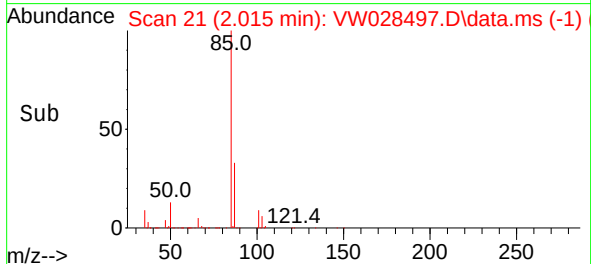
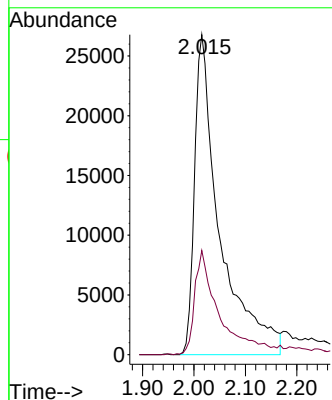
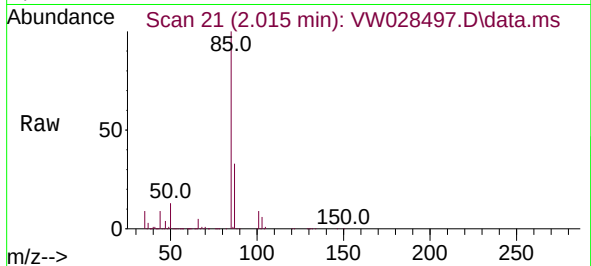




#2
 Dichlorodifluoromethane
 Concen: 21.781 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW028497.D
 Acq: 19 Apr 2024 15:37

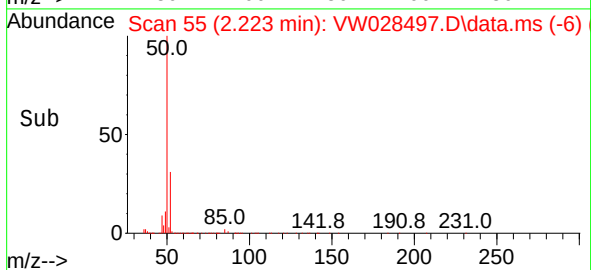
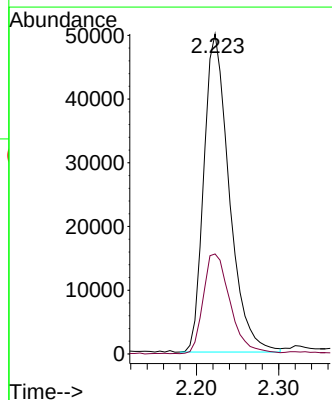
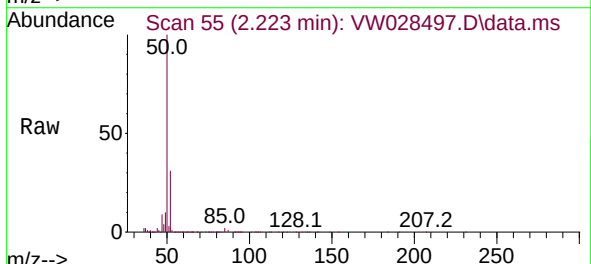
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 MSVOA_W
 ClientSampleId :

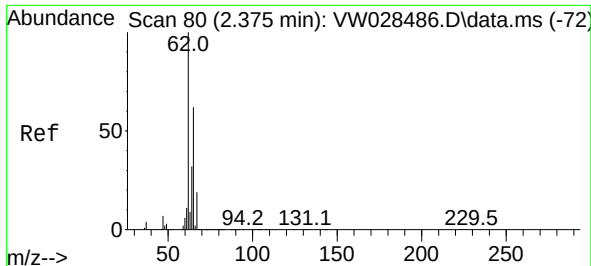
Tgt Ion: 85 Resp: 91181
 Ion Ratio Lower Upper
 85 100
 87 30.1 23.4 35.0



#3
 Chloromethane
 Concen: 21.788 ug/L
 RT: 2.223 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VW028497.D
 Acq: 19 Apr 2024 15:37

Tgt Ion: 50 Resp: 107089
 Ion Ratio Lower Upper
 50 100
 52 31.3 23.0 42.6

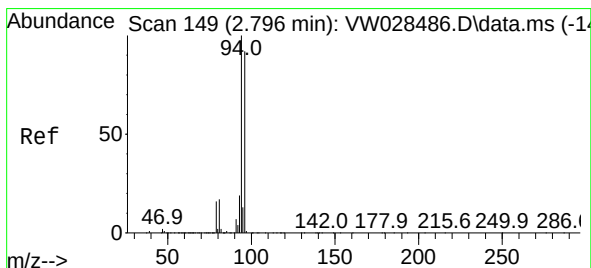
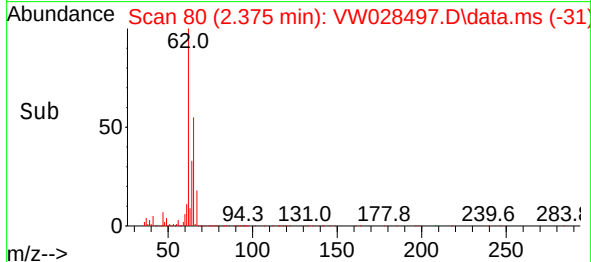
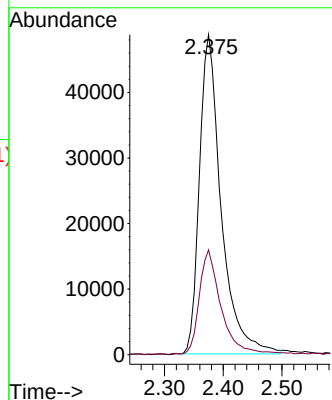
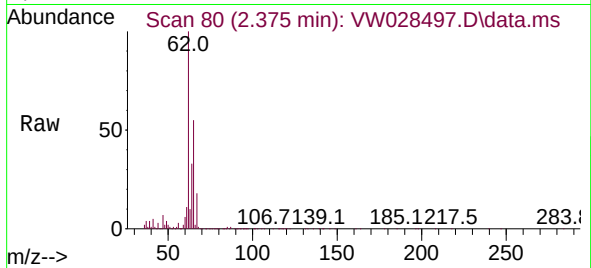




#5
 Vinyl chloride
 Concen: 21.375 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW028497.D
 Acq: 19 Apr 2024 15:37

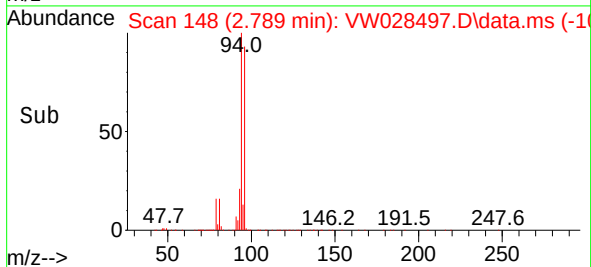
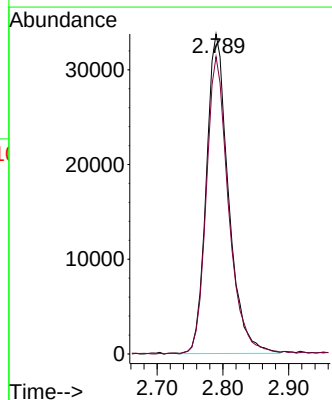
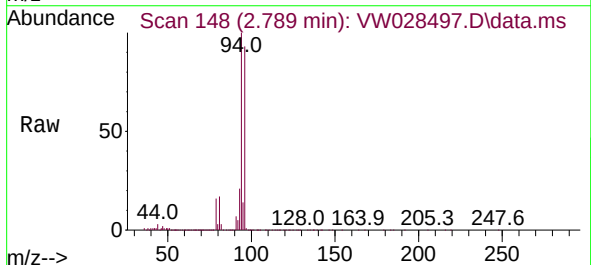
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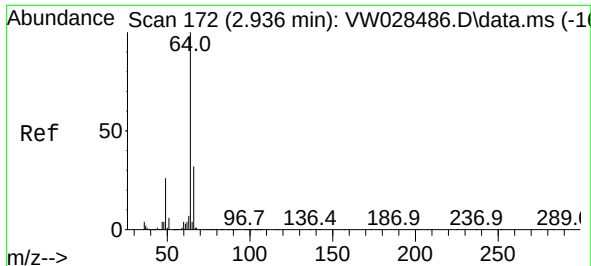
Tgt Ion: 62 Resp: 125118
 Ion Ratio Lower Upper
 62 100
 64 32.8 23.1 42.9



#6
 Bromomethane
 Concen: 21.651 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.006 min
 Lab File: VW028497.D
 Acq: 19 Apr 2024 15:37

Tgt Ion: 94 Resp: 79181
 Ion Ratio Lower Upper
 94 100
 96 92.9 64.3 119.5

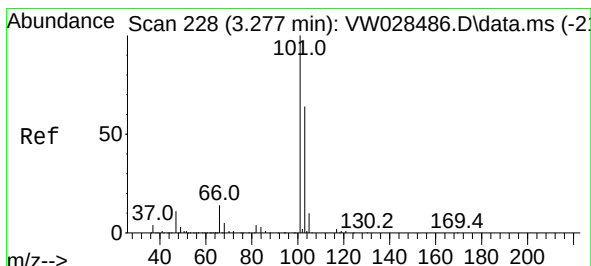
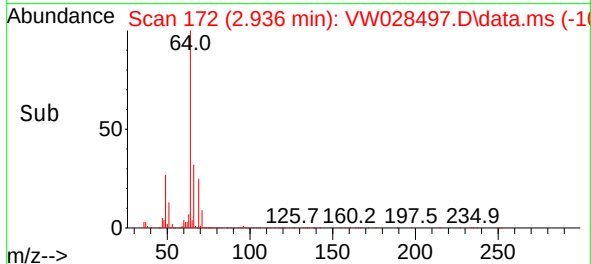
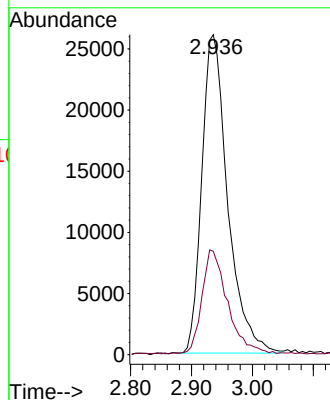
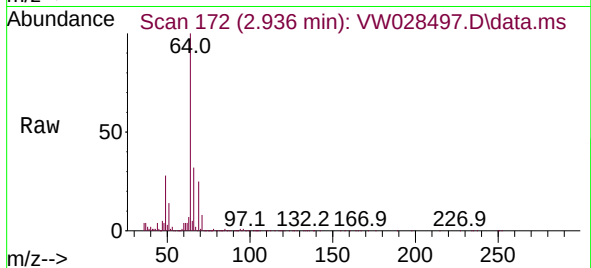




#8
Chloroethane
Concen: 21.782 ug/L
RT: 2.936 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW028497.D
Acq: 19 Apr 2024 15:37

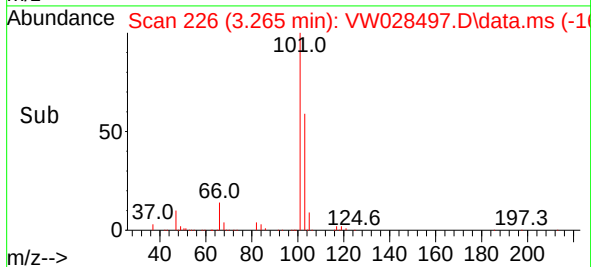
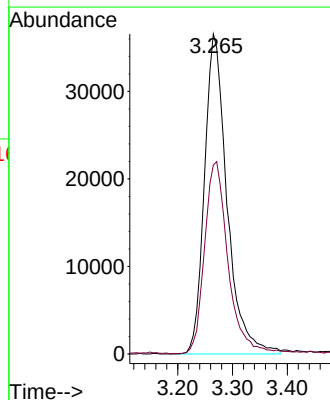
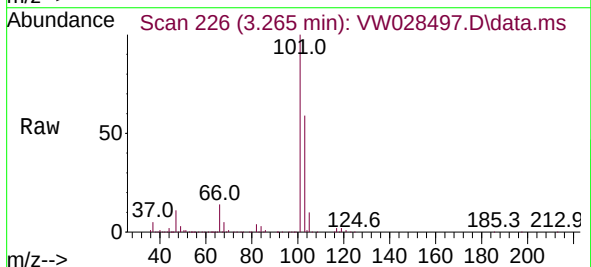
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MSVOA_W
ClientSampleId :

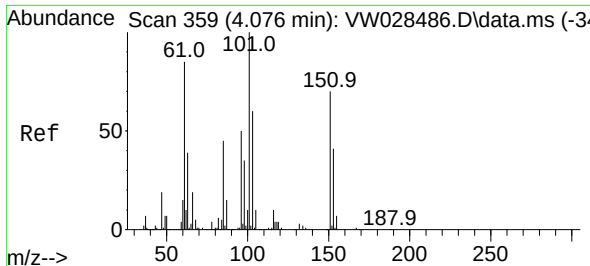
Tgt Ion: 64 Resp: 76858
Ion Ratio Lower Upper
64 100
66 32.3 21.7 40.3



#9
Trichlorofluoromethane
Concen: 22.384 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.012 min
Lab File: VW028497.D
Acq: 19 Apr 2024 15:37

Tgt Ion:101 Resp: 104521
Ion Ratio Lower Upper
101 100
103 62.4 52.0 78.0





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 22.025 ug/L

RT: 4.070 min Scan# 359

Delta R.T. -0.006 min

Lab File: VW028497.D

Acq: 19 Apr 2024 15:37

Instrument :

MSVOA_W

ClientSampleId :

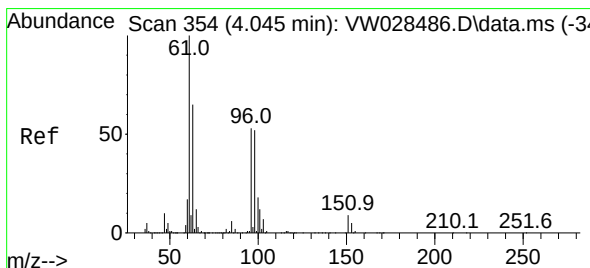
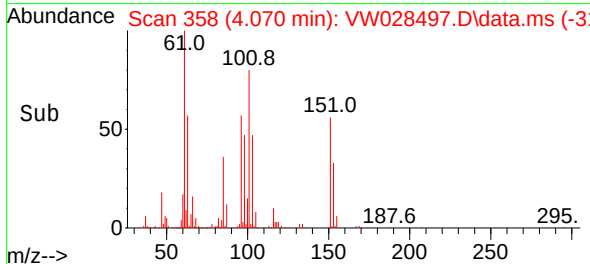
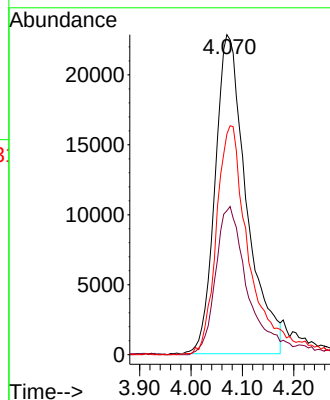
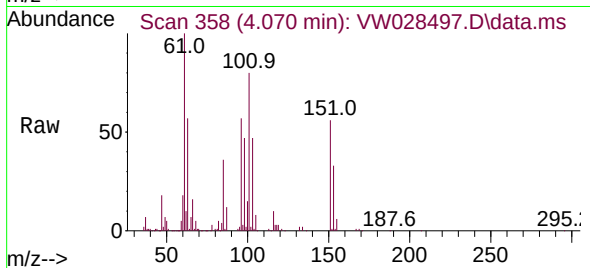
Tgt Ion:101 Resp: 96759

Ion Ratio Lower Upper

101 100

85 46.3 34.5 51.7

151 68.8 57.5 86.3



#12

1,1-Dichloroethene

Concen: 22.683 ug/L

RT: 4.045 min Scan# 354

Delta R.T. 0.000 min

Lab File: VW028497.D

Acq: 19 Apr 2024 15:37

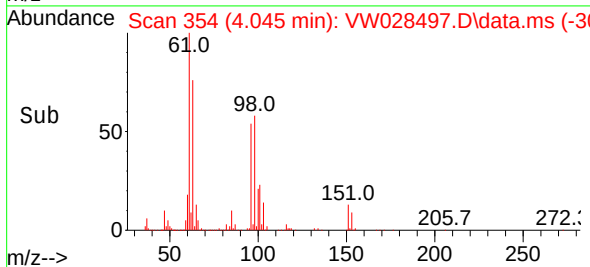
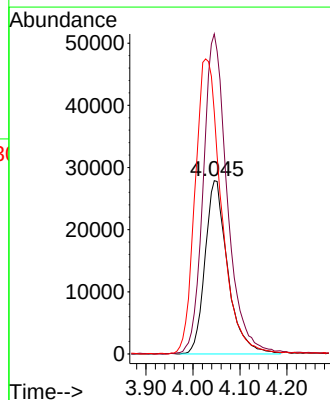
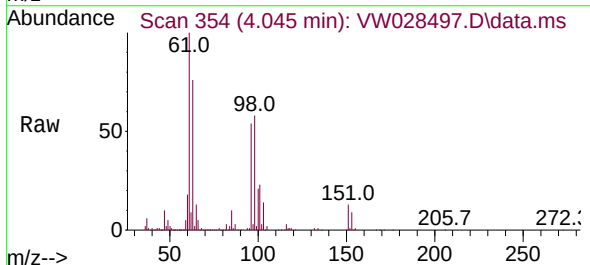
Tgt Ion: 96 Resp: 93565

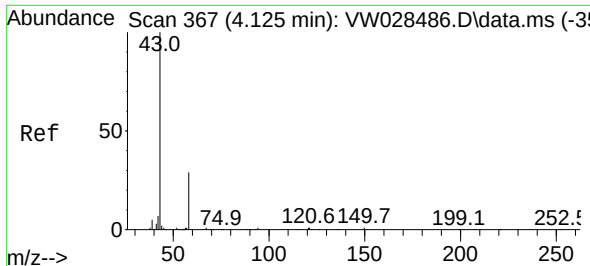
Ion Ratio Lower Upper

96 100

61 184.6 130.5 242.5

63 139.5 101.5 188.5

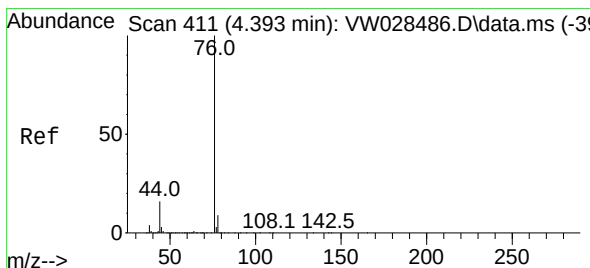
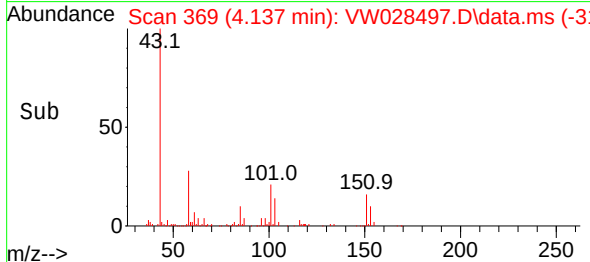
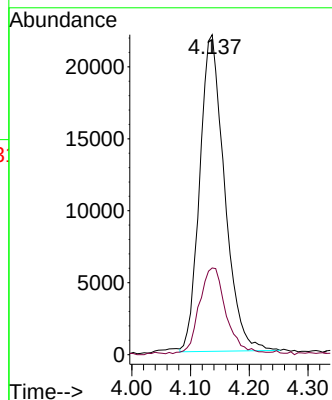
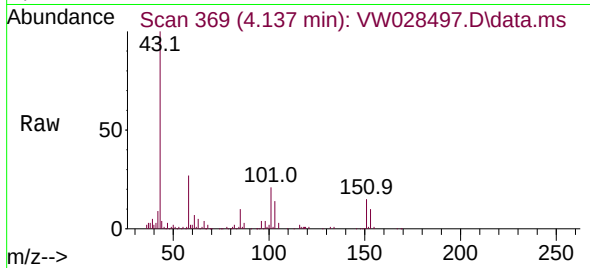




#13
Acetone
Concen: 56.329 ug/L
RT: 4.137 min Scan# 369
Delta R.T. 0.012 min
Lab File: VW028497.D
Acq: 19 Apr 2024 15:37

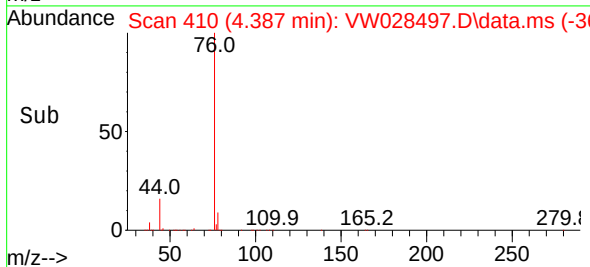
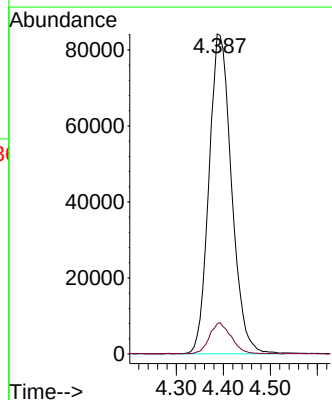
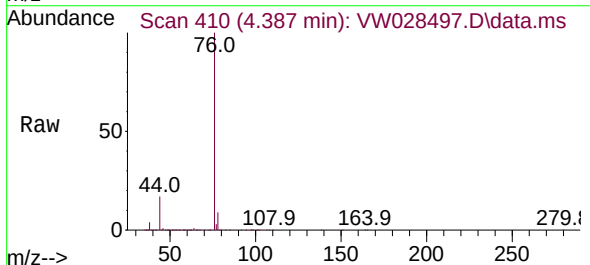
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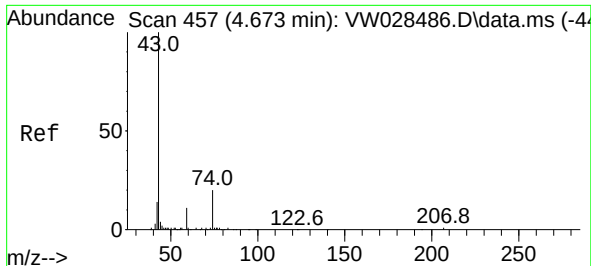
Tgt Ion: 43 Resp: 64583
Ion Ratio Lower Upper
43 100
58 29.0 0.0 53.4



#14
Carbon disulfide
Concen: 20.626 ug/L
RT: 4.387 min Scan# 410
Delta R.T. -0.006 min
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Tgt Ion: 76 Resp: 280105
Ion Ratio Lower Upper
76 100
78 9.4 7.3 10.9

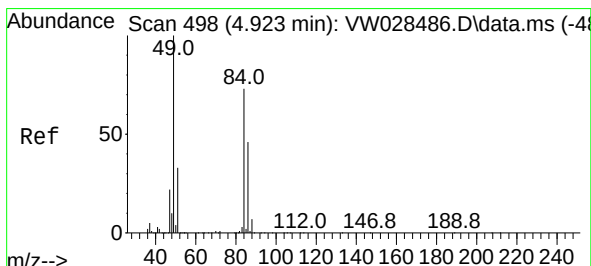
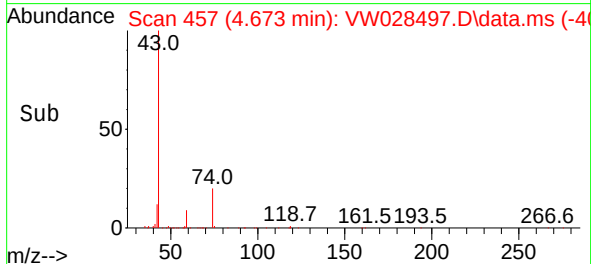
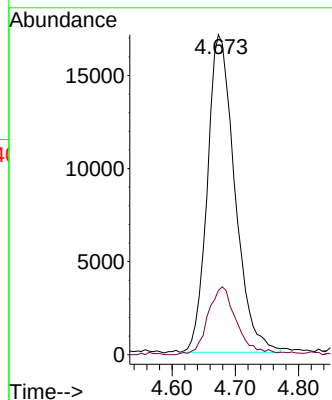
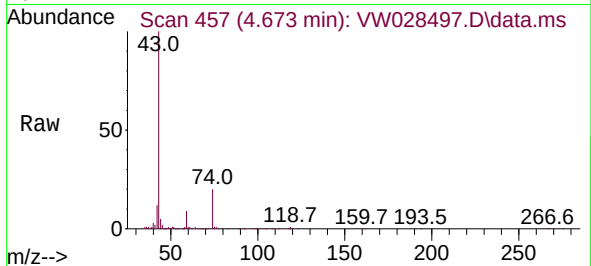




#15
Methyl Acetate
Concen: 27.884 ug/L
RT: 4.673 min Scan# 457
Delta R.T. 0.000 min
Lab File: VW028497.D
Acq: 19 Apr 2024 15:37

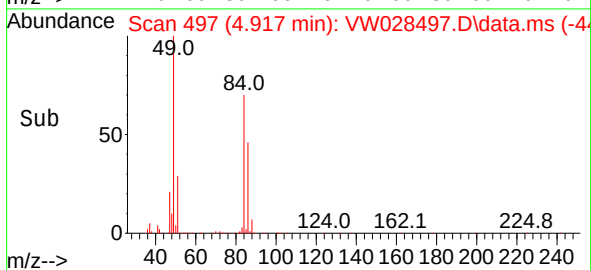
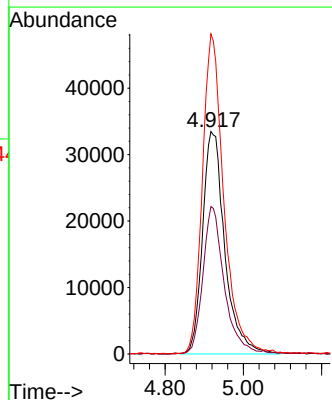
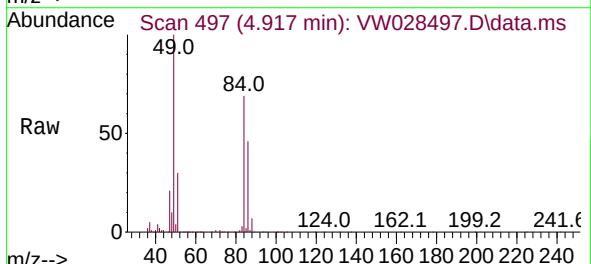
Instrument :
MSVOA_W
ClientSampleId :

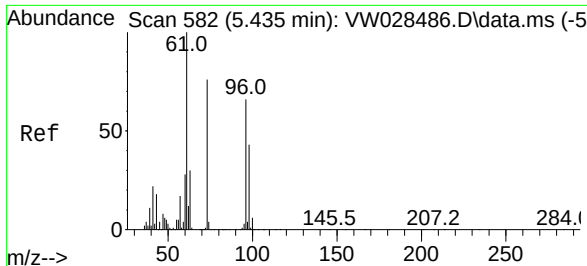
Tgt Ion: 43 Resp: 51439
Ion Ratio Lower Upper
43 100
74 21.3 17.4 26.0



#16
Methylene chloride
Concen: 27.958 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.006 min
Lab File: VW028497.D
Acq: 19 Apr 2024 15:37

Tgt Ion: 84 Resp: 131678
Ion Ratio Lower Upper
84 100
86 66.3 44.2 82.0
49 143.9 95.0 176.4

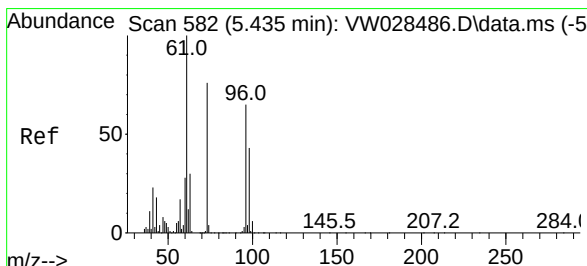
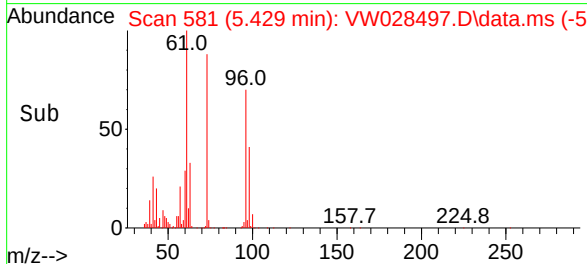
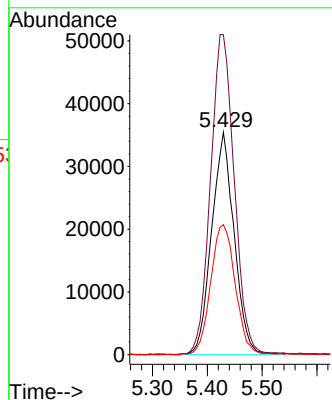
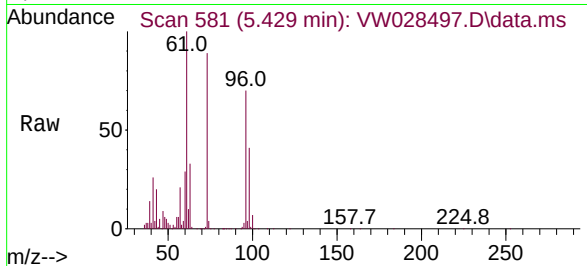




#17
trans-1,2-Dichloroethene
Concen: 23.285 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.006 min
Lab File: VW028497.D
Acq: 19 Apr 2024 15:37

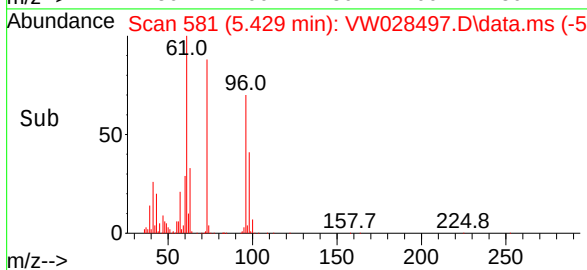
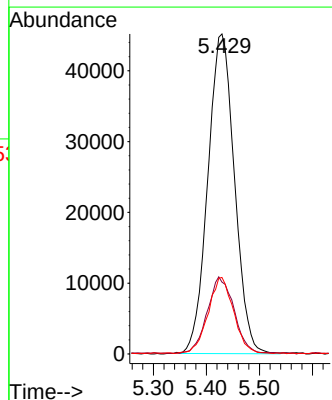
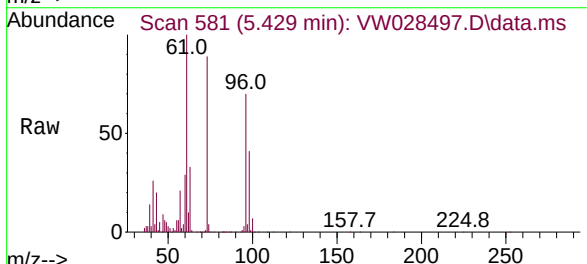
Instrument :
MSVOA_W
ClientSampleId :

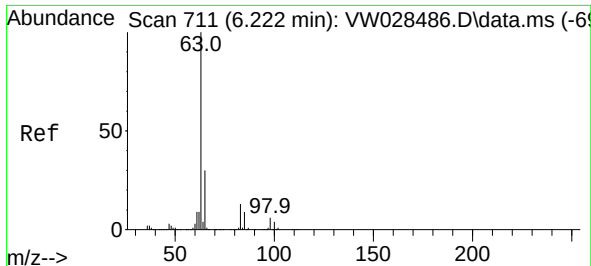
Tgt Ion: 96 Resp: 101174
Ion Ratio Lower Upper
96 100
61 143.8 108.4 201.4
98 58.5 45.6 84.8



#18
Methyl tert-butyl Ether
Concen: 25.790 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.006 min
Lab File: VW028497.D
Acq: 19 Apr 2024 15:37

Tgt Ion: 73 Resp: 157631
Ion Ratio Lower Upper
73 100
43 23.7 18.5 27.7
57 23.0 18.2 27.4





#19

1,1-Dichloroethane

Concen: 23.976 ug/L

RT: 6.216 min Scan# 711

Delta R.T. -0.006 min

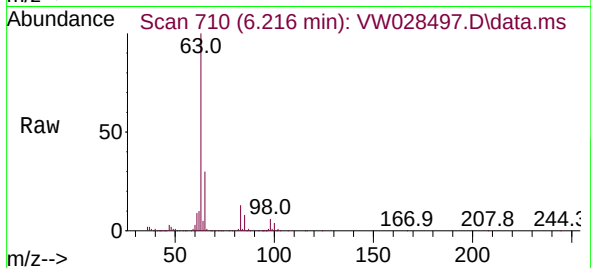
Lab File: VW028497.D

Acq: 19 Apr 2024 15:37

Instrument :

MSVOA_W

ClientSampleId :



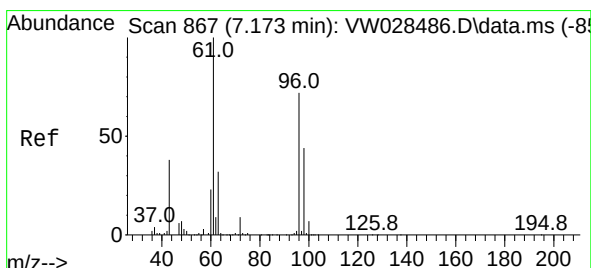
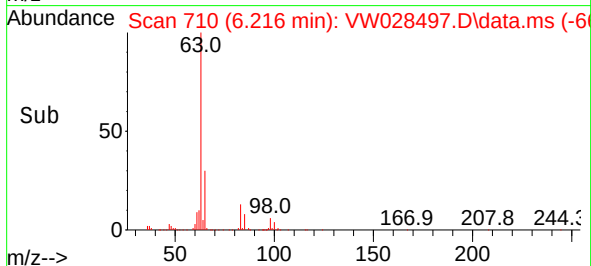
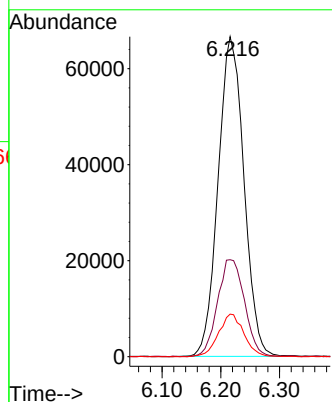
Tgt Ion: 63 Resp: 202977

Ion Ratio Lower Upper

63 100

65 30.3 21.8 40.4

83 13.3 9.0 16.8



#20

cis-1,2-Dichloroethene

Concen: 24.134 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.006 min

Lab File: VW028497.D

Acq: 19 Apr 2024 15:37

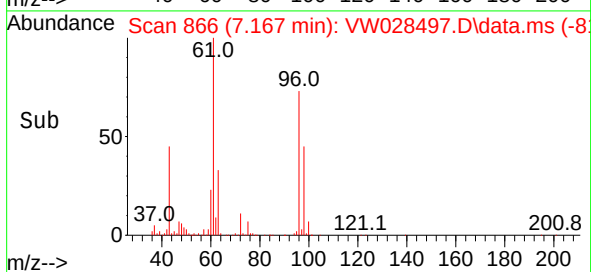
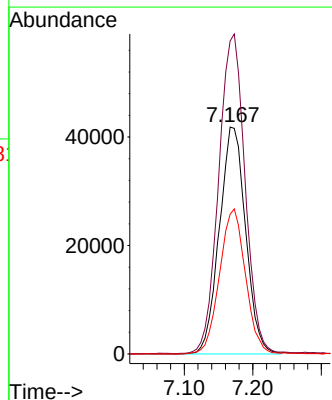
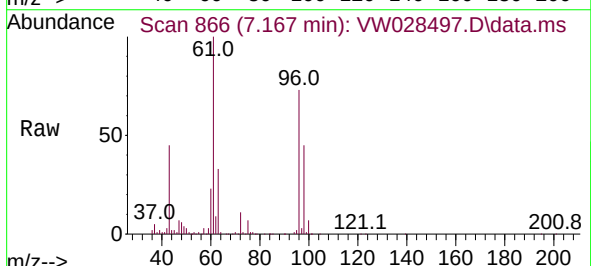
Tgt Ion: 96 Resp: 111297

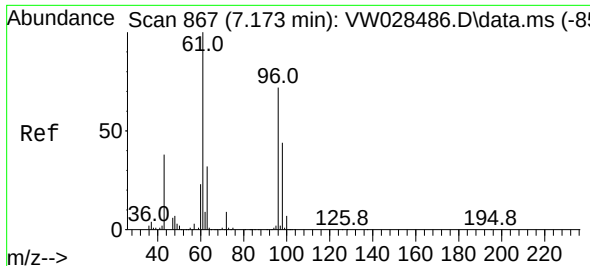
Ion Ratio Lower Upper

96 100

61 137.9 97.6 181.2

98 61.5 47.7 88.5

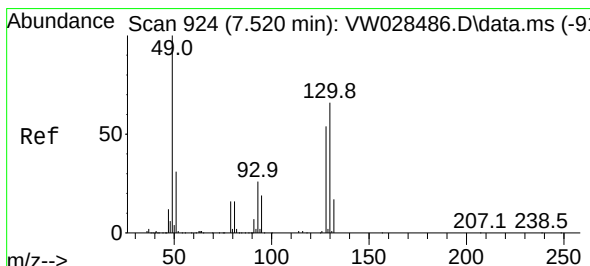
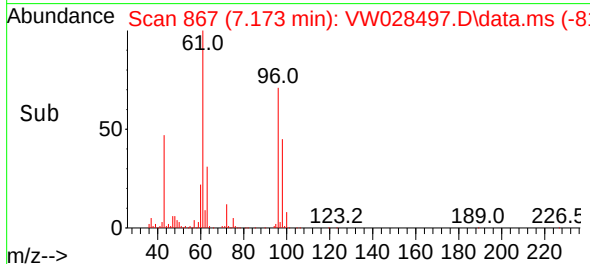
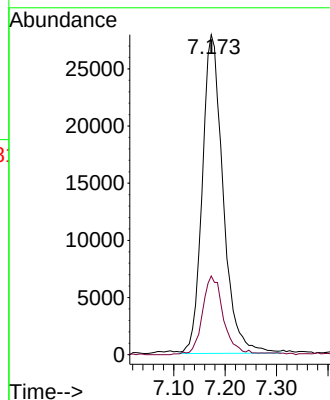
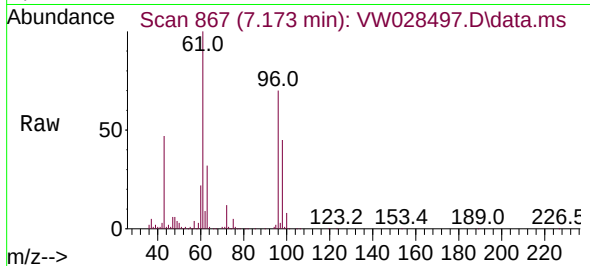




#22
2-Butanone
Concen: 56.337 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.000 min
Lab File: VW028497.D
Acq: 19 Apr 2024 15:37

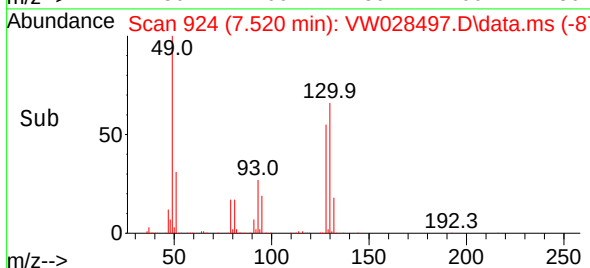
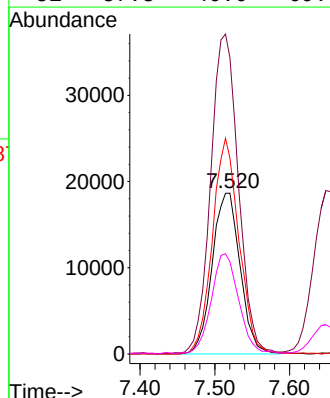
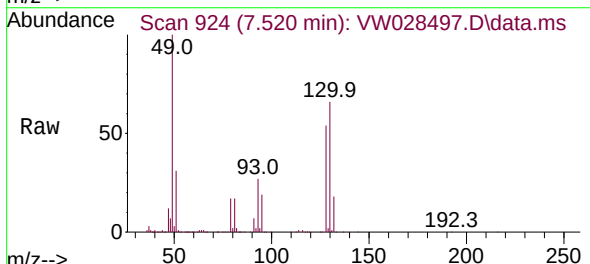
Instrument :
MSVOA_W
ClientSampleId :

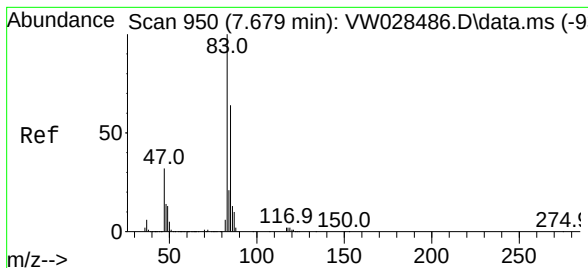
Tgt Ion: 43 Resp: 78388
Ion Ratio Lower Upper
43 100
72 23.5 12.8 38.4



#23
Bromochloromethane
Concen: 24.383 ug/L
RT: 7.520 min Scan# 924
Delta R.T. 0.000 min
Lab File: VW028497.D
Acq: 19 Apr 2024 15:37

Tgt Ion: 128 Resp: 48433
Ion Ratio Lower Upper
128 100
49 184.0 127.1 236.0
130 121.8 78.3 145.5
51 57.3 46.0 69.0





#25

Chloroform

Concen: 24.606 ug/L

RT: 7.673 min Scan# 949

Delta R.T. -0.006 min

Lab File: VW028497.D

Acq: 19 Apr 2024 15:37

Instrument :

MSVOA_W

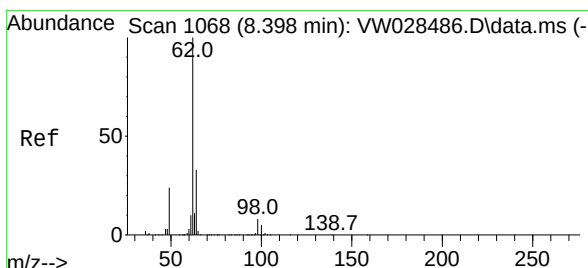
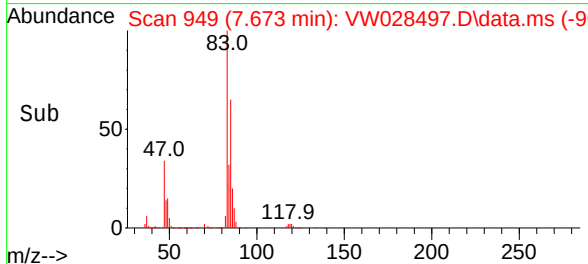
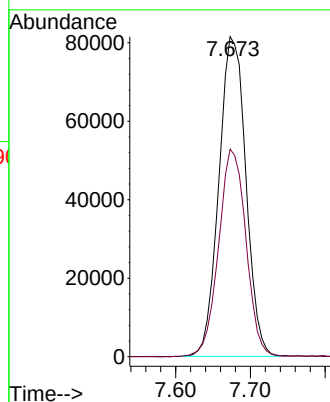
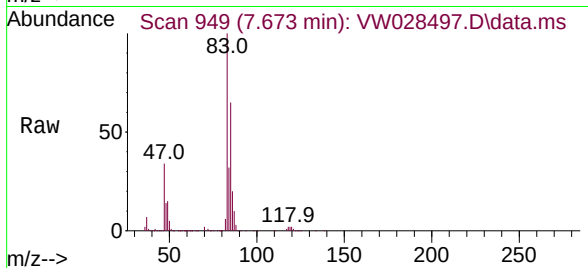
ClientSampleId :

Tgt Ion: 83 Resp: 204626

Ion Ratio Lower Upper

83 100

85 64.8 47.7 88.7



#27

1,2-Dichloroethane

Concen: 25.830 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VW028497.D

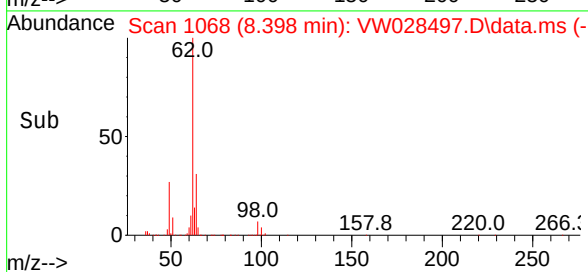
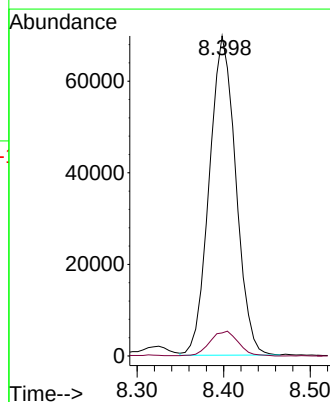
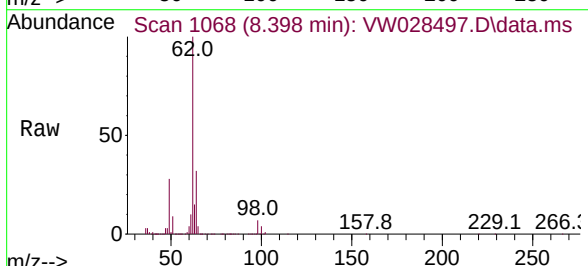
Acq: 19 Apr 2024 15:37

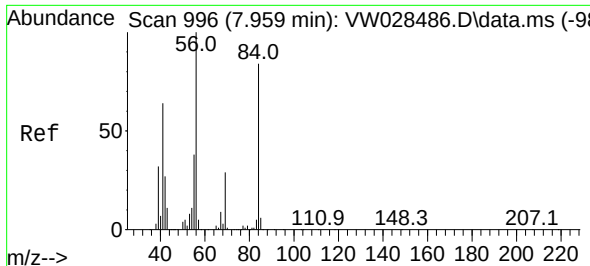
Tgt Ion: 62 Resp: 148261

Ion Ratio Lower Upper

62 100

98 7.2 6.6 10.0





#29

Cyclohexane

Concen: 23.485 ug/L

RT: 7.959 min Scan# 996

Delta R.T. 0.000 min

Lab File: VW028497.D

Acq: 19 Apr 2024 15:37

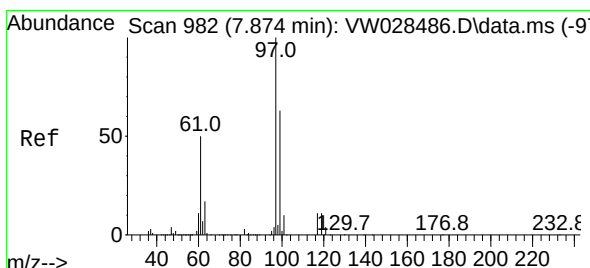
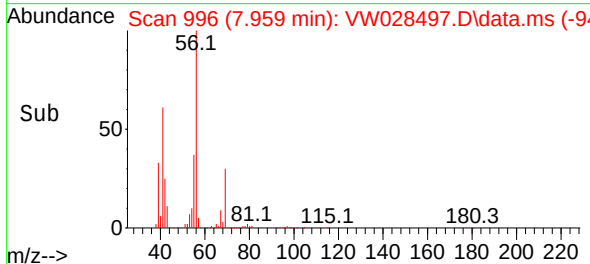
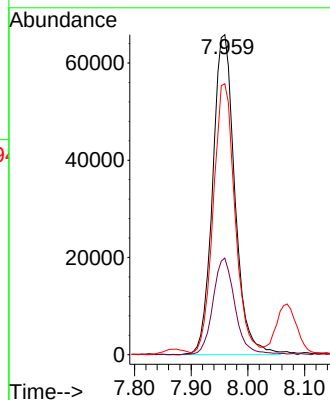
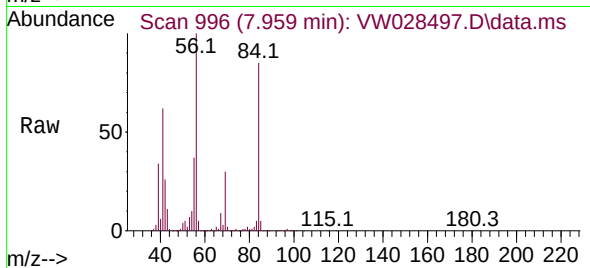
Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 56 Resp: 178728

Ion	Ratio	Lower	Upper
56	100		
69	30.1	23.8	35.6
84	82.7	65.9	98.9



#30

1,1,1-Trichloroethane

Concen: 23.306 ug/L

RT: 7.874 min Scan# 982

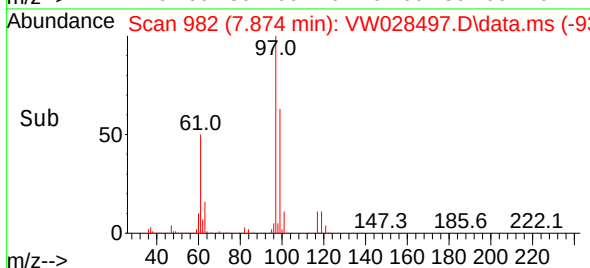
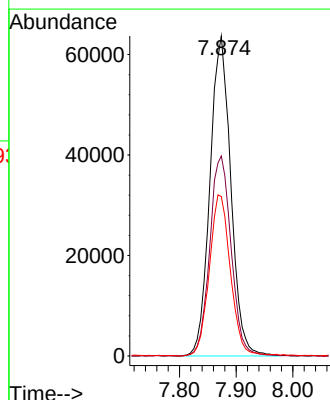
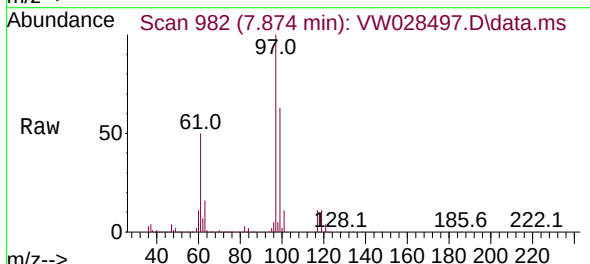
Delta R.T. 0.000 min

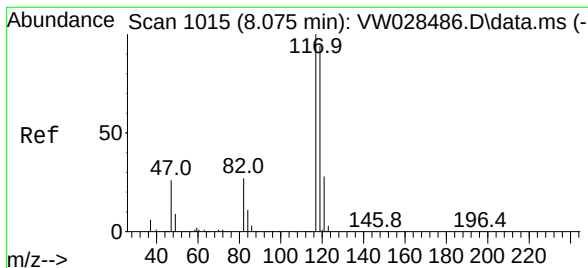
Lab File: VW028497.D

Acq: 19 Apr 2024 15:37

Tgt Ion: 97 Resp: 162850

Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.4	77.2
61	50.9	40.5	60.7





#31

Carbon tetrachloride

Concen: 24.056 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. -0.006 min

Lab File: VW028497.D

Acq: 19 Apr 2024 15:37

Instrument :

MSVOA_W

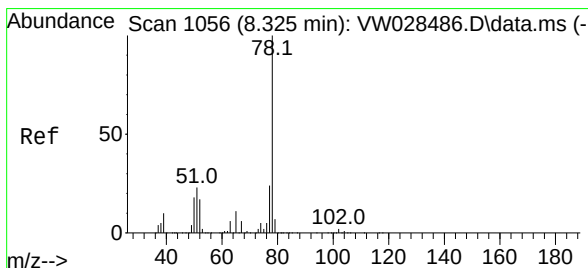
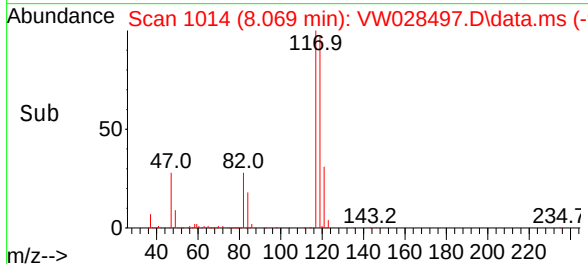
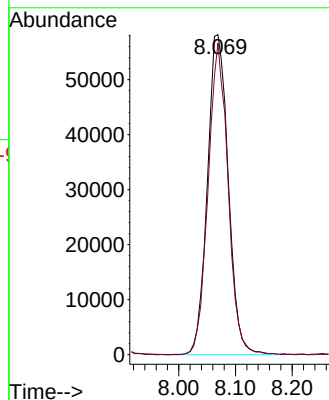
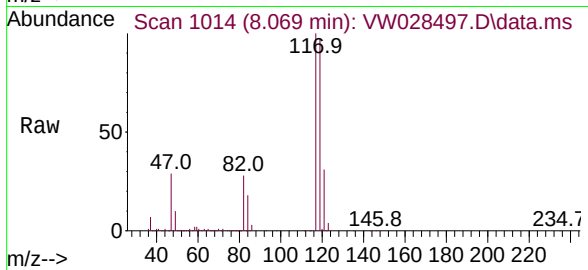
ClientSampleId :

Tgt Ion:117 Resp: 149056

Ion Ratio Lower Upper

117 100

119 92.5 77.4 116.2



#33

Benzene

Concen: 24.002 ug/L

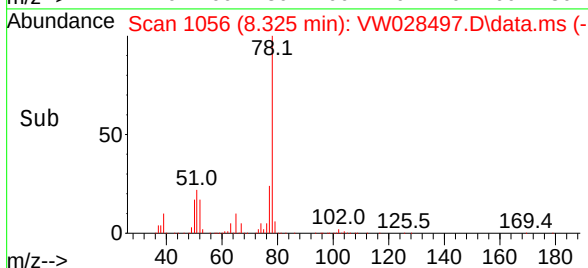
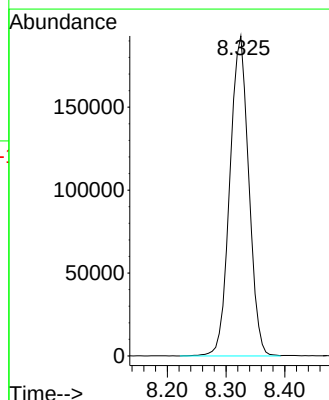
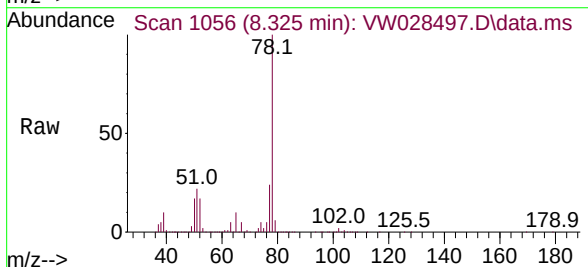
RT: 8.325 min Scan# 1056

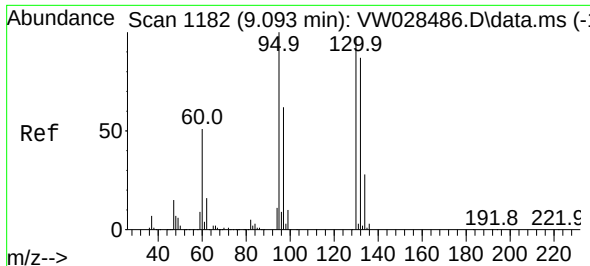
Delta R.T. 0.000 min

Lab File: VW028497.D

Acq: 19 Apr 2024 15:37

Tgt Ion: 78 Resp: 432366





#34

Trichloroethene

Concen: 23.615 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

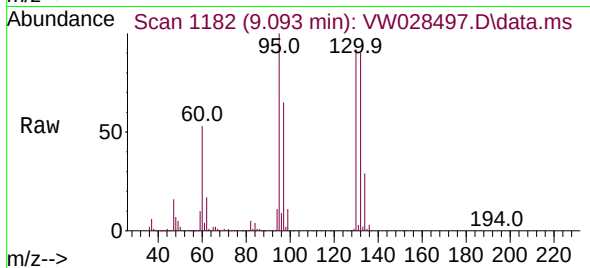
Lab File: VW028497.D

Acq: 19 Apr 2024 15:37

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 115281

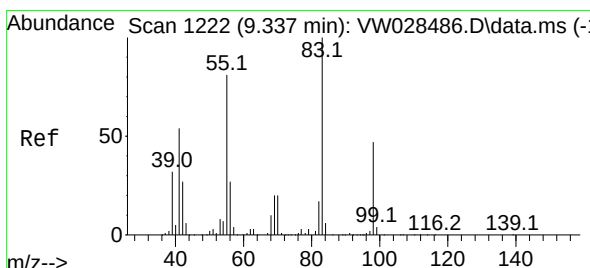
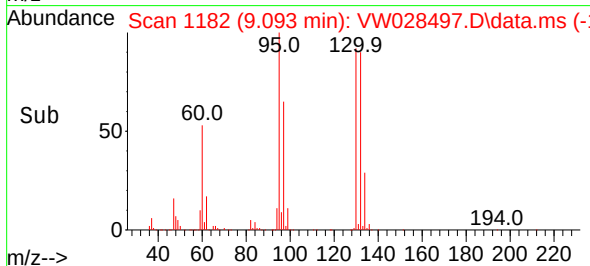
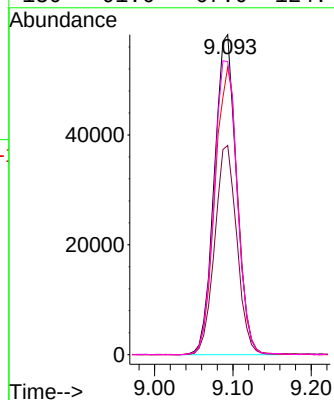
Ion Ratio Lower Upper

95 100

97 65.4 43.8 81.4

132 89.9 66.1 122.8

130 91.6 67.0 124.4



#35

Methylcyclohexane

Concen: 23.286 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. -0.006 min

Lab File: VW028497.D

Acq: 19 Apr 2024 15:37

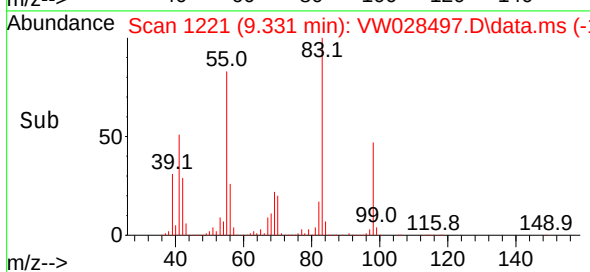
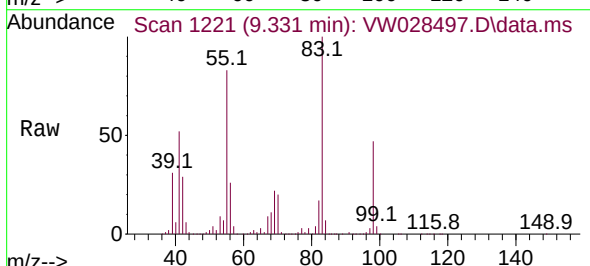
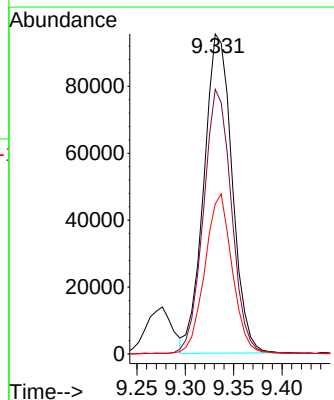
Tgt Ion: 83 Resp: 193978

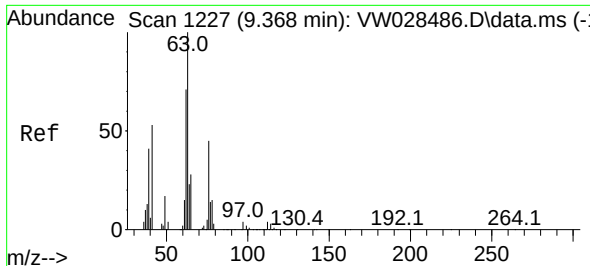
Ion Ratio Lower Upper

83 100

55 82.7 65.7 98.5

98 48.6 38.6 58.0





#37

1,2-Dichloropropane

Concen: 24.695 ug/L

RT: 9.368 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW028497.D

Acq: 19 Apr 2024 15:37

Instrument :

MSVOA_W

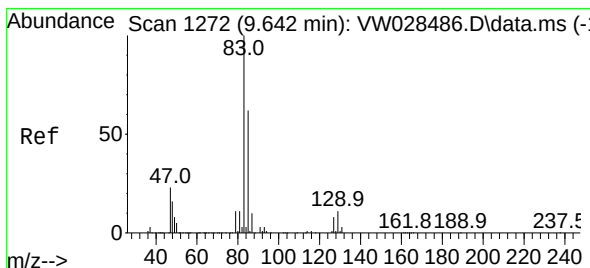
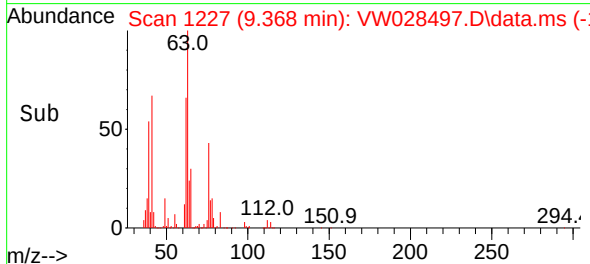
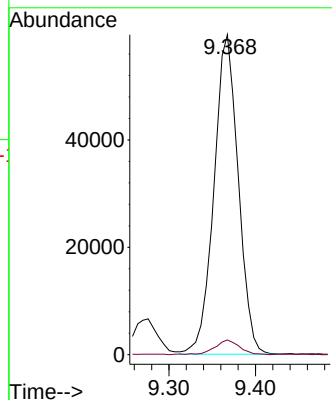
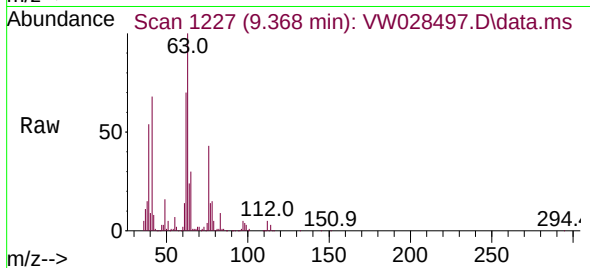
ClientSampleId :

Tgt Ion: 63 Resp: 115943

Ion Ratio Lower Upper

63 100

112 4.5 3.6 5.4



#38

Bromodichloromethane

Concen: 24.805 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW028497.D

Acq: 19 Apr 2024 15:37

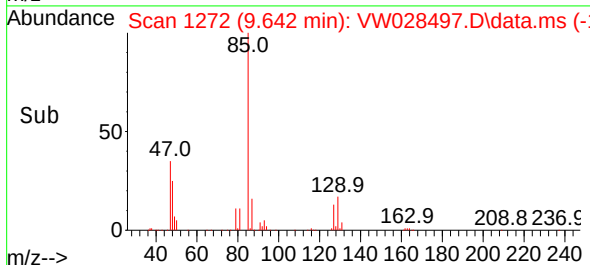
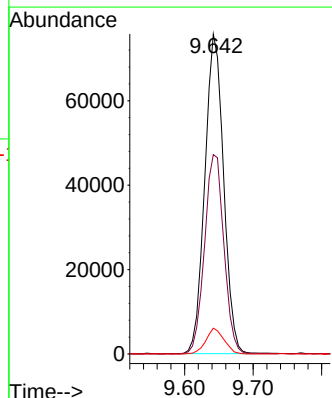
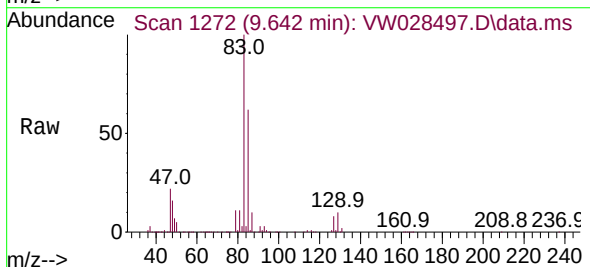
Tgt Ion: 83 Resp: 144350

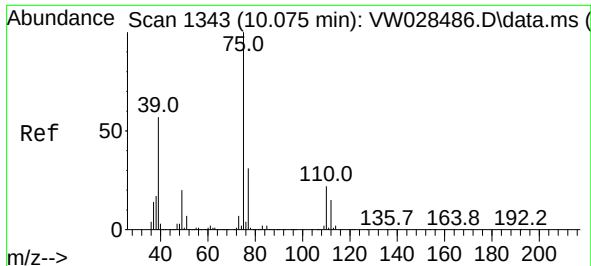
Ion Ratio Lower Upper

83 100

85 62.3 43.1 80.1

127 8.0 6.4 9.6





#39

cis-1,3-Dichloropropene

Concen: 25.376 ug/L

RT: 10.069 min Scan# 1342

Delta R.T. -0.006 min

Lab File: VW028497.D

Acq: 19 Apr 2024 15:37

Instrument :

MSVOA_W

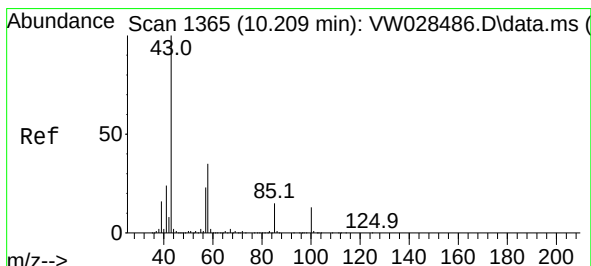
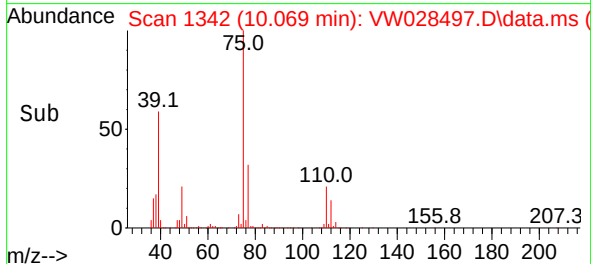
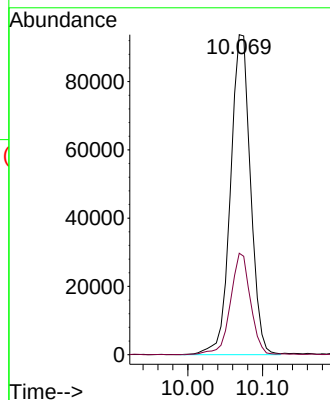
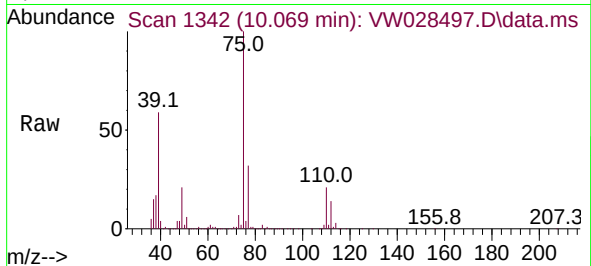
ClientSampleId :

Tgt Ion: 75 Resp: 174711

Ion Ratio Lower Upper

75 100

77 31.7 21.3 39.5



#40

4-Methyl-2-pentanone

Concen: 64.461 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW028497.D

Acq: 19 Apr 2024 15:37

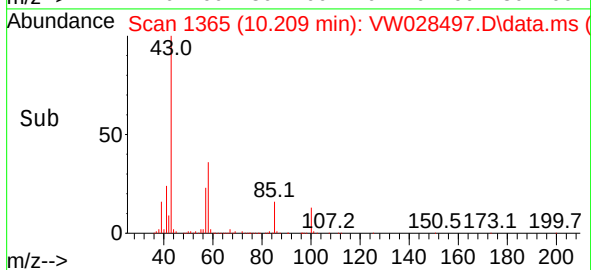
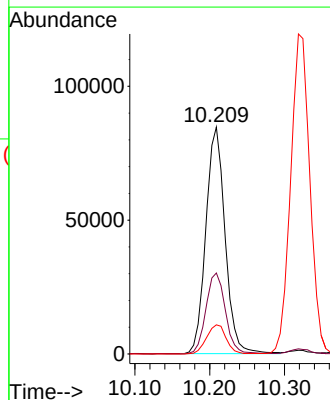
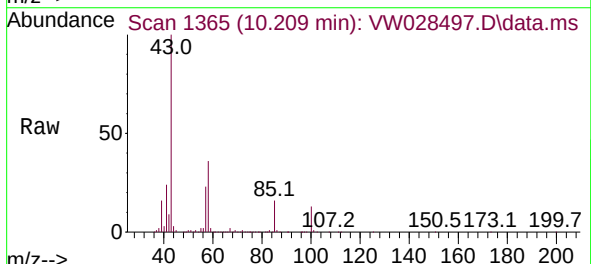
Tgt Ion: 43 Resp: 151502

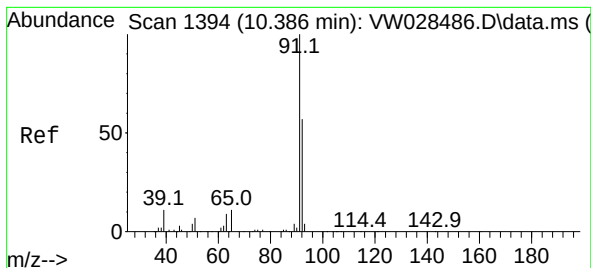
Ion Ratio Lower Upper

43 100

58 36.3 28.6 43.0

100 13.1 10.6 16.0





#42

Toluene

Concen: 24.552 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VW028497.D

Acq: 19 Apr 2024 15:37

Instrument :

MSVOA_W

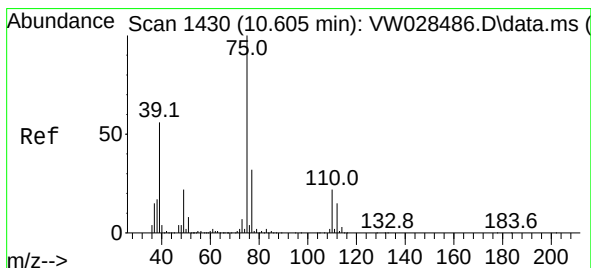
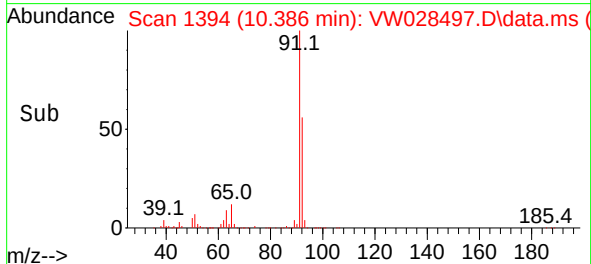
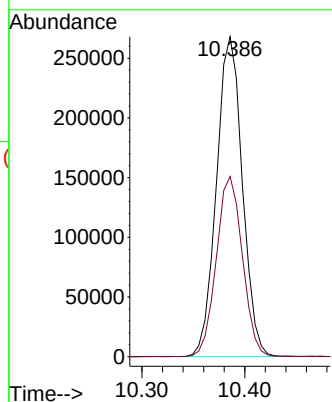
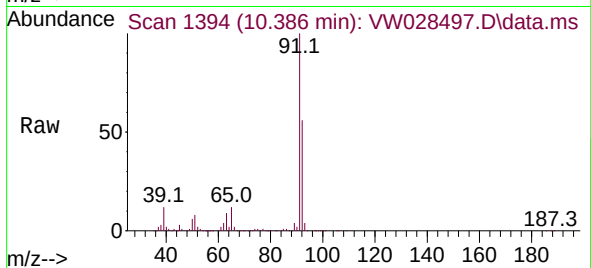
ClientSampleId :

Tgt Ion: 91 Resp: 468528

Ion Ratio Lower Upper

91 100

92 56.3 41.1 76.3



#44

trans-1,3-Dichloropropene

Concen: 26.240 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW028497.D

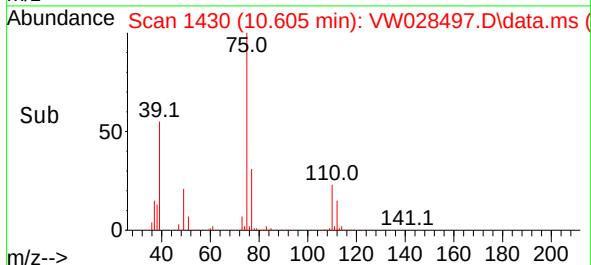
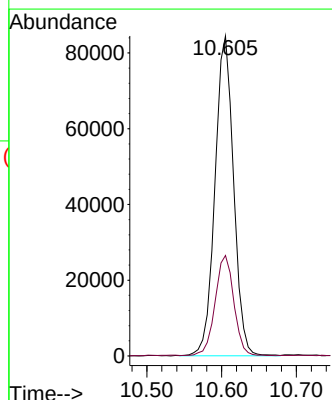
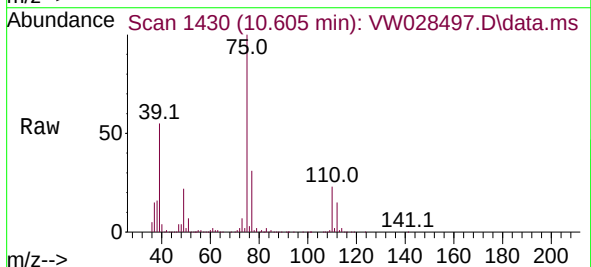
Acq: 19 Apr 2024 15:37

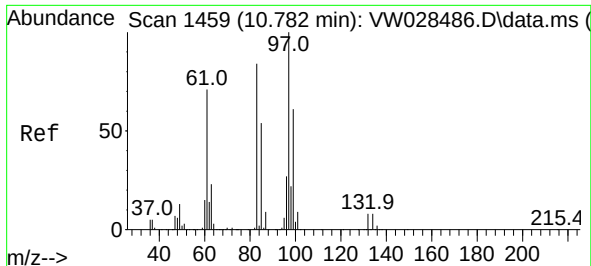
Tgt Ion: 75 Resp: 146153

Ion Ratio Lower Upper

75 100

77 31.4 22.6 42.0





#45

1,1,2-Trichloroethane

Concen: 26.448 ug/L

RT: 10.788 min Scan# 1459

Delta R.T. 0.006 min

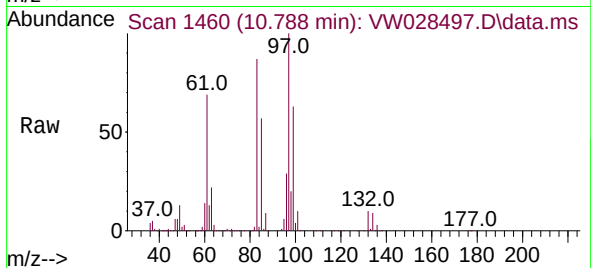
Lab File: VW028497.D

Acq: 19 Apr 2024 15:37

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 97 Resp: 84008

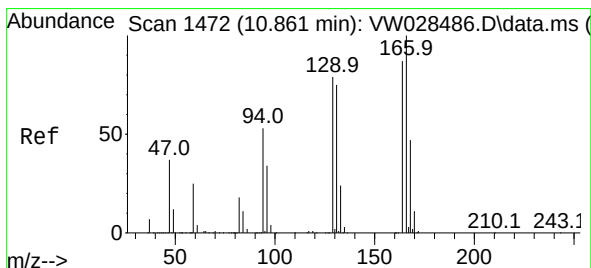
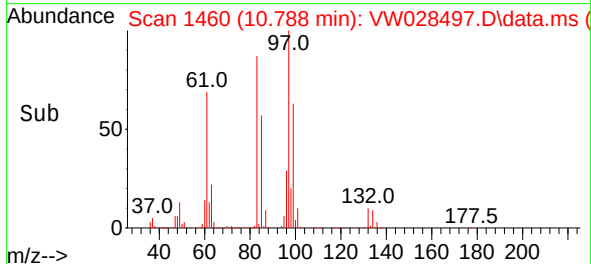
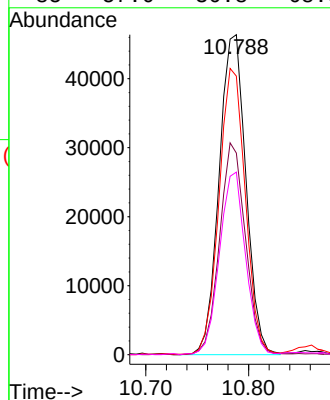
Ion Ratio Lower Upper

97 100

99 63.0 44.2 82.2

83 87.0 56.4 104.7

85 57.0 36.8 68.3



#46

Tetrachloroethene

Concen: 23.041 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW028497.D

Acq: 19 Apr 2024 15:37

Tgt Ion:164 Resp: 84017

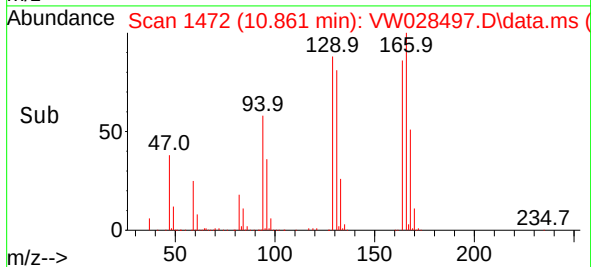
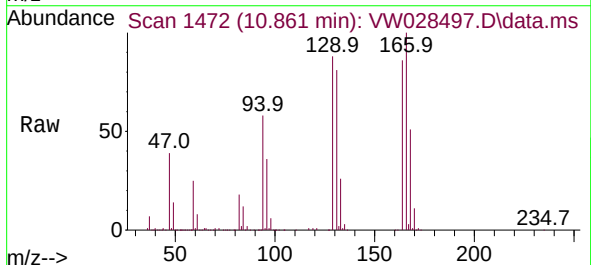
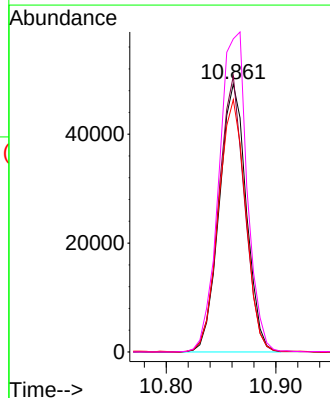
Ion Ratio Lower Upper

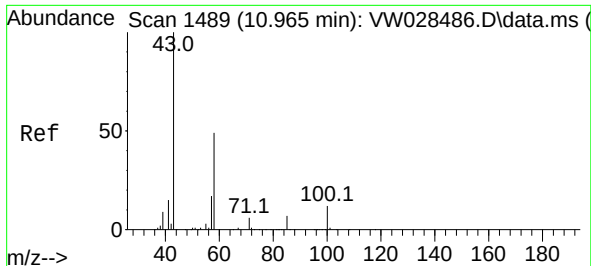
164 100

129 103.0 59.7 110.9

131 94.1 58.2 108.2

166 116.8 78.0 144.8

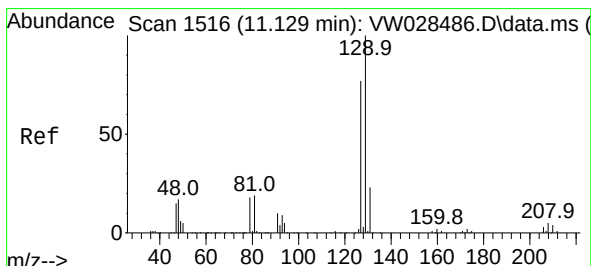
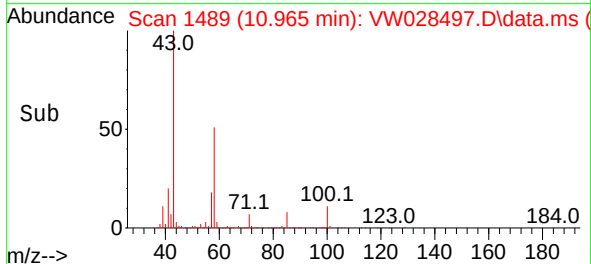
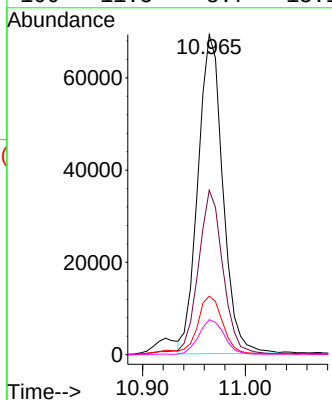
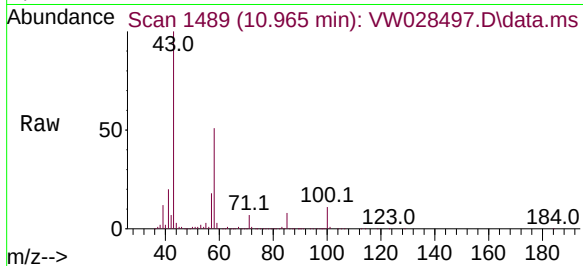




#48
2-Hexanone
Concen: 62.407 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW028497.D
Acq: 19 Apr 2024 15:37

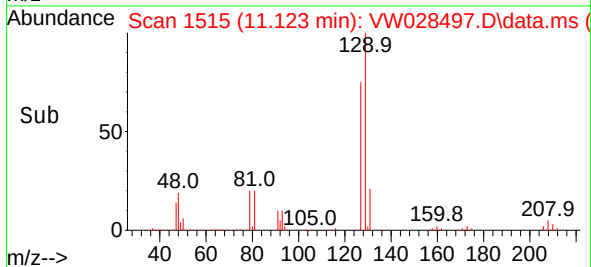
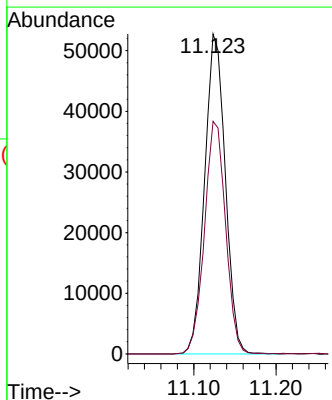
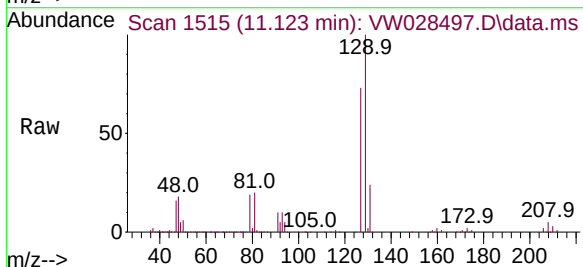
Instrument :
MSVOA_W
ClientSampleId :

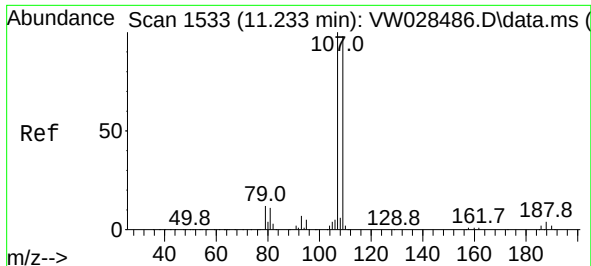
Tgt Ion:	43	Resp:	116425
Ion	Ratio	Lower	Upper
43	100		
58	49.9	38.9	58.3
57	18.3	14.4	21.6
100	11.5	8.7	13.1



#49
Dibromochloromethane
Concen: 27.126 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.006 min
Lab File: VW028497.D
Acq: 19 Apr 2024 15:37

Tgt Ion:	129	Resp:	92093
Ion	Ratio	Lower	Upper
129	100		
127	72.7	53.0	98.4





#50

1,2-Dibromoethane

Concen: 26.098 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VW028497.D

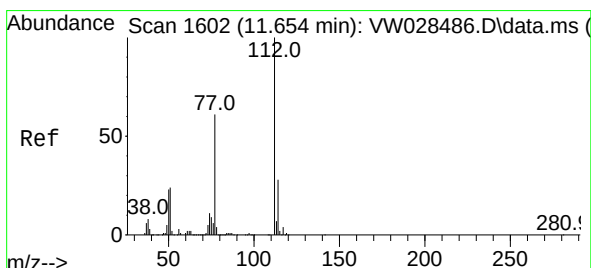
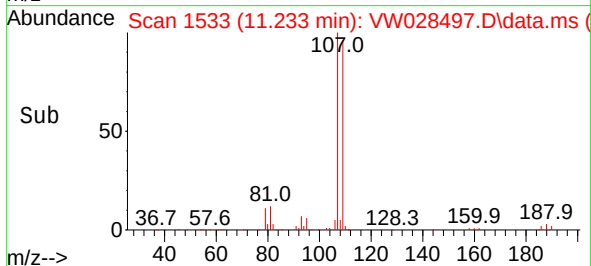
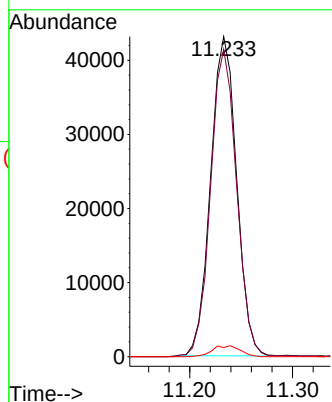
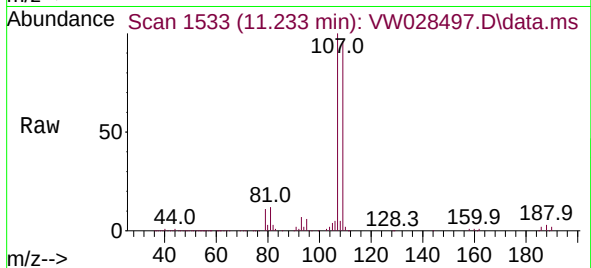
Acq: 19 Apr 2024 15:37

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	107	Resp:	75660
Ion	Ratio	Lower	Upper
107	100		
109	96.0	62.1	115.3
188	2.8	3.2	4.8#



#51

Chlorobenzene

Concen: 24.225 ug/L

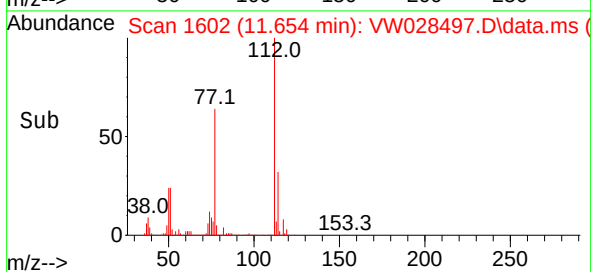
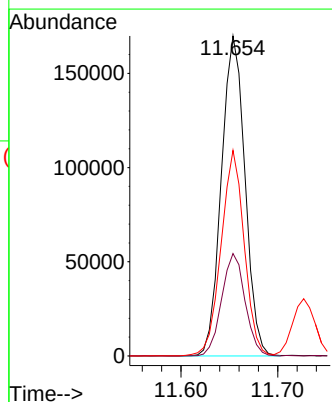
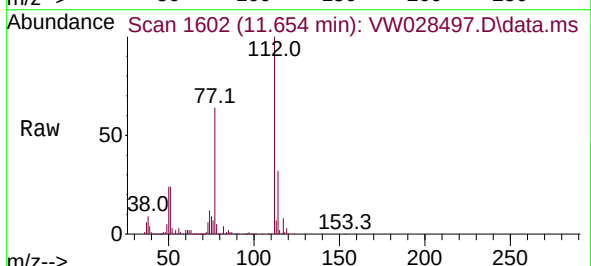
RT: 11.654 min Scan# 1602

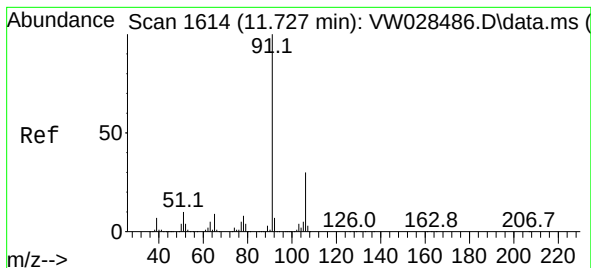
Delta R.T. 0.000 min

Lab File: VW028497.D

Acq: 19 Apr 2024 15:37

Tgt Ion:	112	Resp:	287358
Ion	Ratio	Lower	Upper
112	100		
114	32.0	22.3	41.3
77	64.3	51.8	77.8

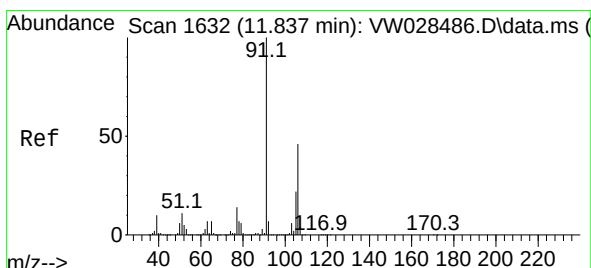
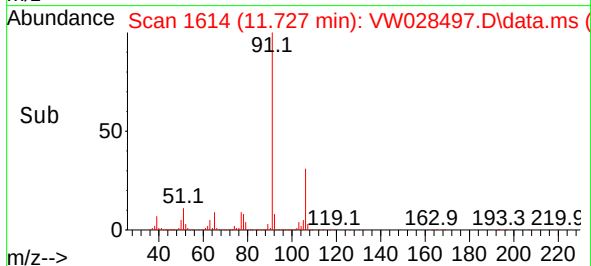
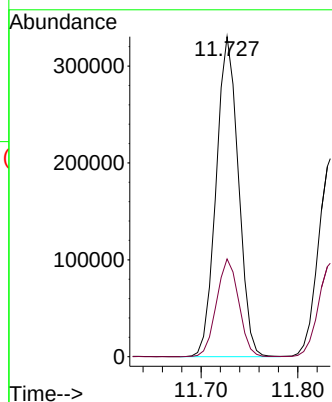
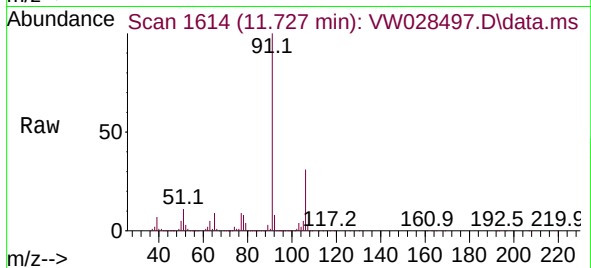




#52
Ethylbenzene
Concen: 24.376 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW028497.D
Acq: 19 Apr 2024 15:37

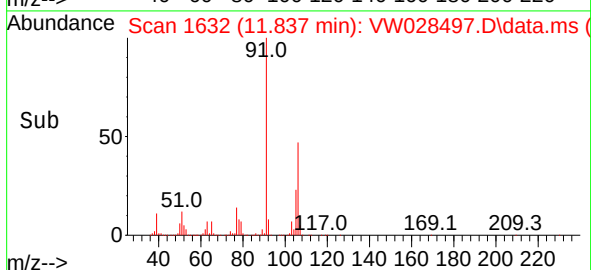
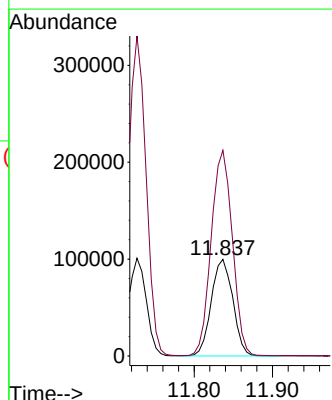
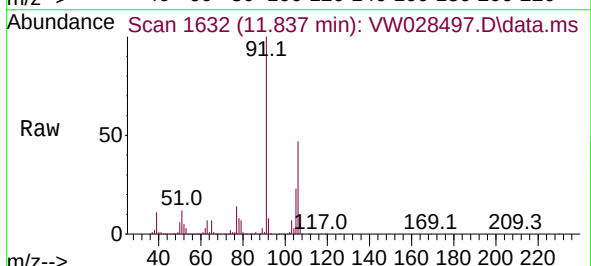
Instrument :
MSVOA_W
ClientSampleId :

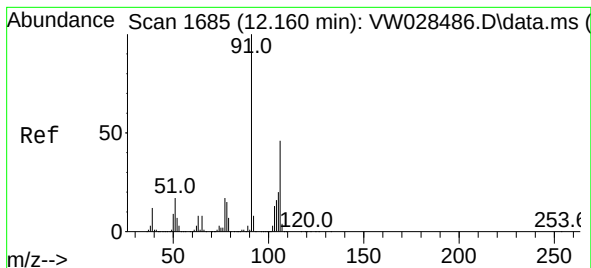
Tgt Ion: 91 Resp: 527322
Ion Ratio Lower Upper
91 100
106 30.5 21.2 39.4



#53
m,p-Xylene
Concen: 23.687 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW028497.D
Acq: 19 Apr 2024 15:37

Tgt Ion:106 Resp: 190556
Ion Ratio Lower Upper
106 100
91 212.8 152.4 283.0





#54

o-Xylene

Concen: 24.940 ug/L

RT: 12.160 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW028497.D

Acq: 19 Apr 2024 15:37

Instrument :

MSVOA_W

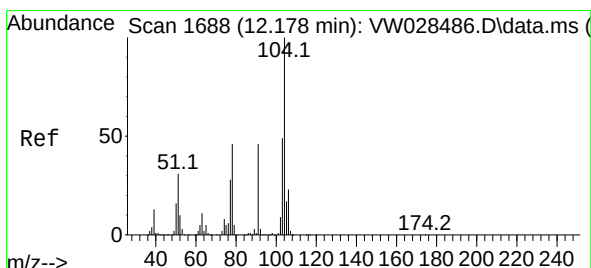
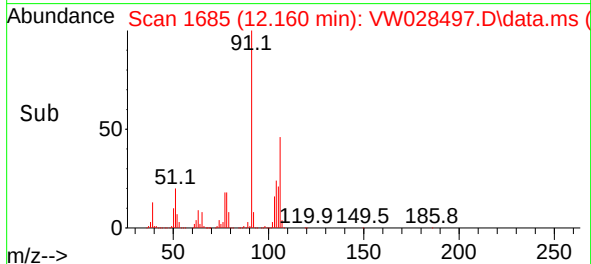
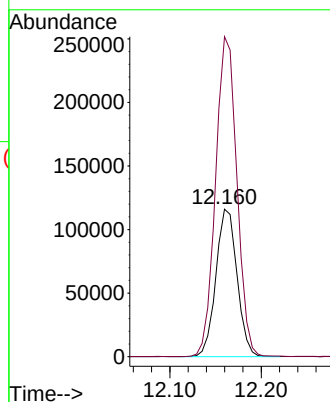
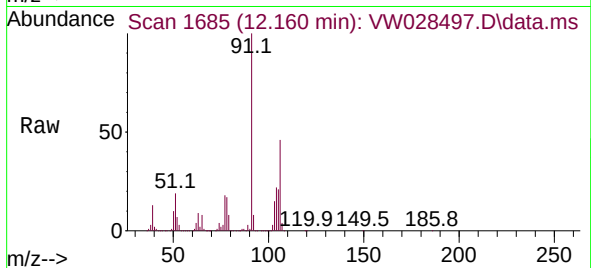
ClientSampleId :

Tgt Ion:106 Resp: 186812

Ion Ratio Lower Upper

106 100

91 216.8 152.9 283.9



#55

Styrene

Concen: 25.396 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW028497.D

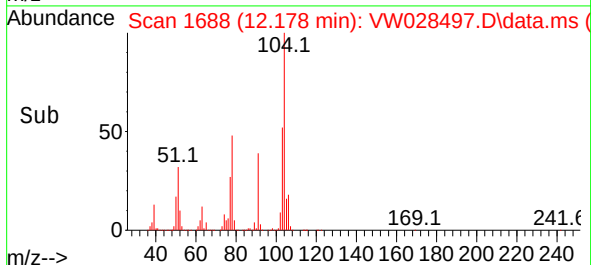
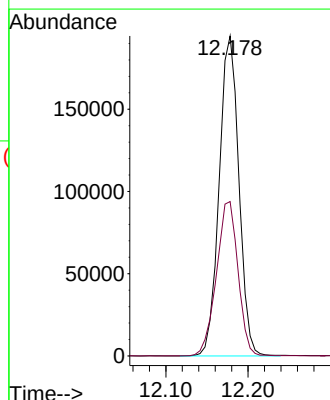
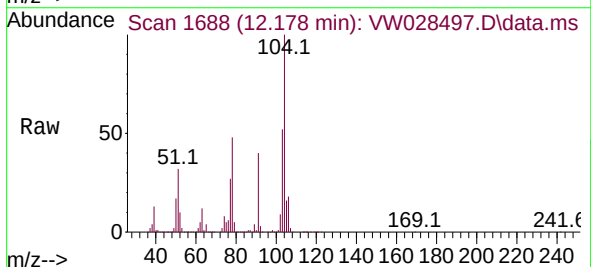
Acq: 19 Apr 2024 15:37

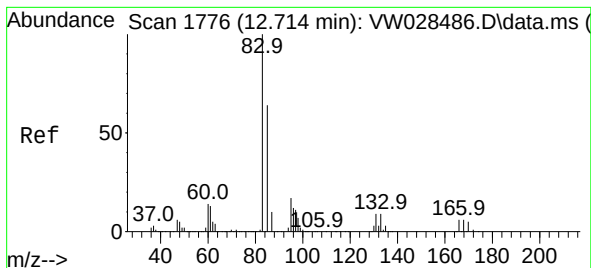
Tgt Ion:104 Resp: 323760

Ion Ratio Lower Upper

104 100

78 48.3 33.8 62.8





#57

1,1,2,2-Tetrachloroethane

Concen: 28.935 ug/L

RT: 12.708 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW028497.D

Acq: 19 Apr 2024 15:37

Instrument :

MSVOA_W

ClientSampleId :

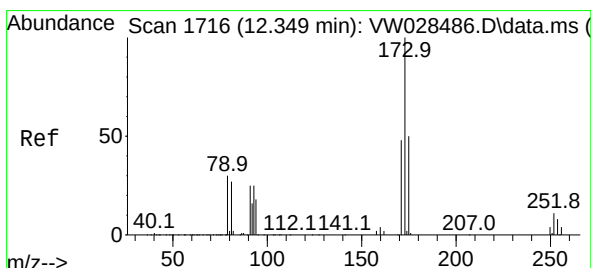
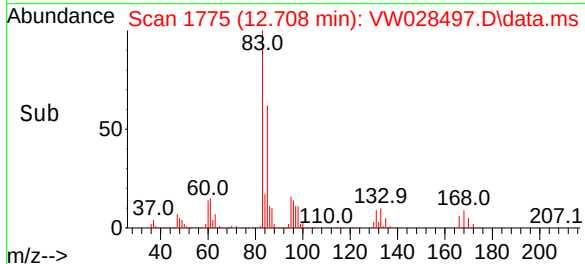
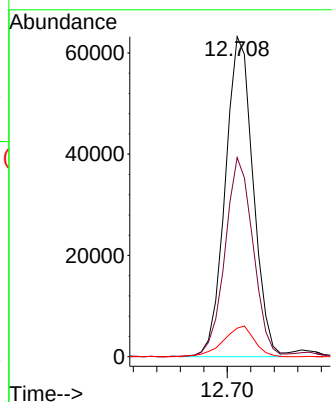
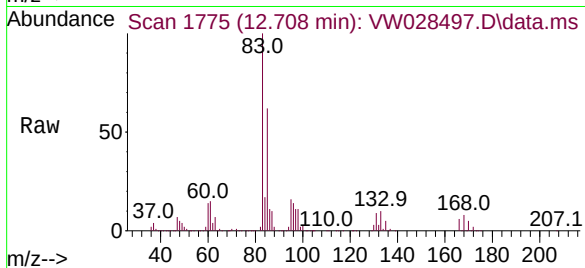
Tgt Ion: 83 Resp: 104011

Ion Ratio Lower Upper

83 100

85 62.2 43.4 80.6

131 8.9 8.0 12.0



#59

Bromoform

Concen: 24.767 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VW028497.D

Acq: 19 Apr 2024 15:37

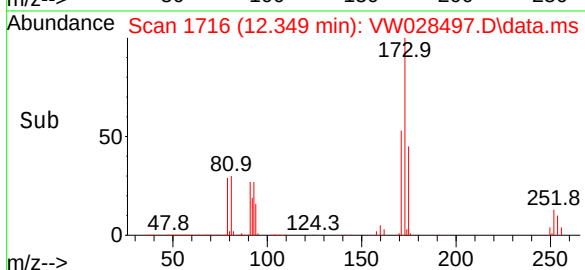
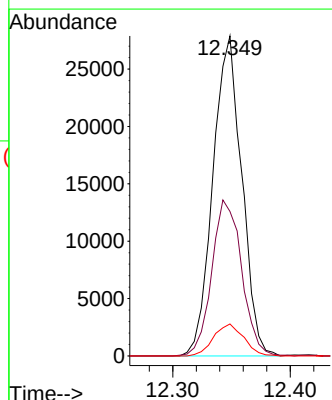
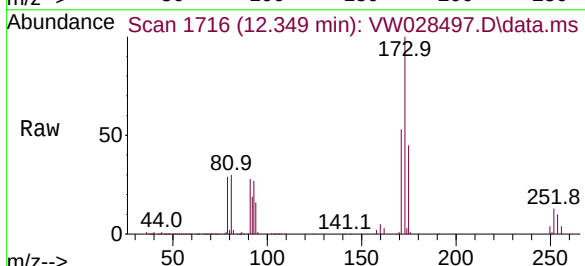
Tgt Ion:173 Resp: 47559

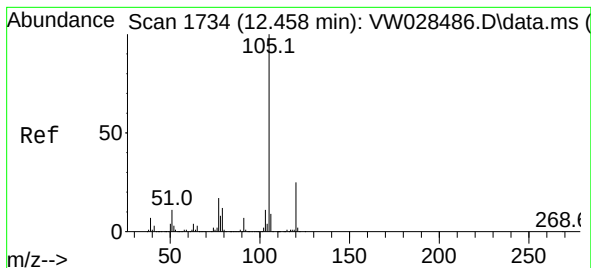
Ion Ratio Lower Upper

173 100

175 50.5 39.2 58.8

254 10.5 8.3 12.5





#60

Isopropylbenzene

Concen: 23.684 ug/L

RT: 12.458 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW028497.D

Acq: 19 Apr 2024 15:37

Instrument :

MSVOA_W

ClientSampleId :

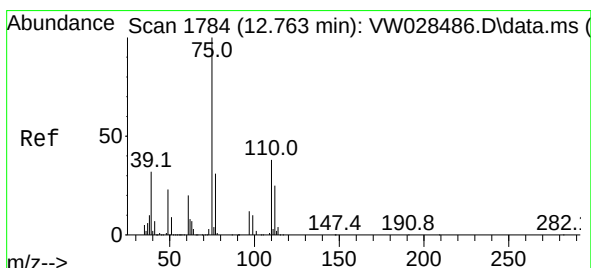
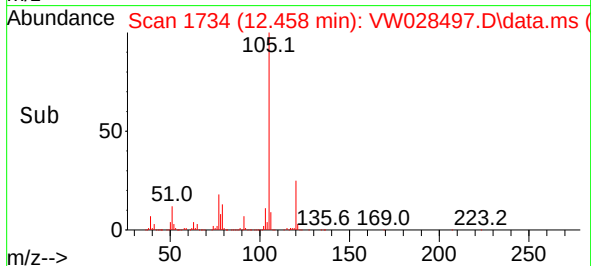
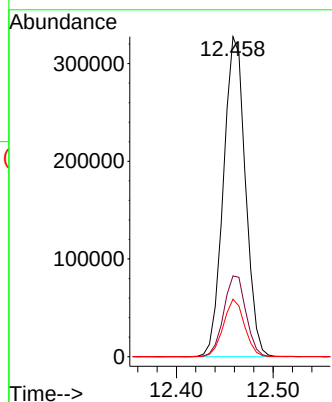
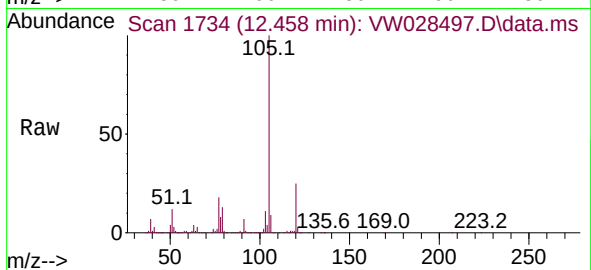
Tgt Ion:105 Resp: 516543

Ion Ratio Lower Upper

105 100

120 25.6 20.8 31.2

77 17.3 13.4 20.2



#61

1,2,3-Trichloropropane

Concen: 27.933 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VW028497.D

Acq: 19 Apr 2024 15:37

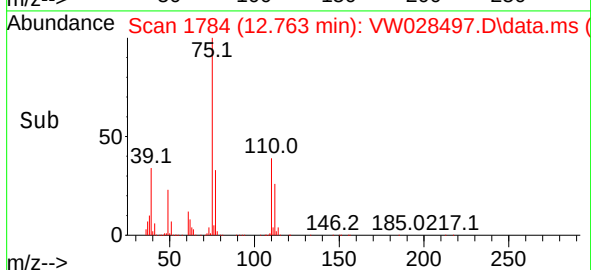
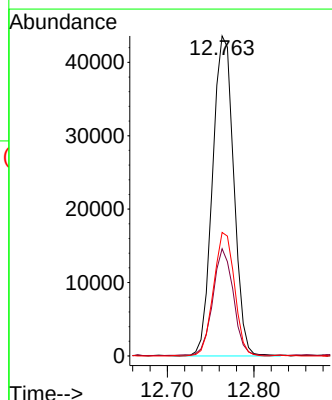
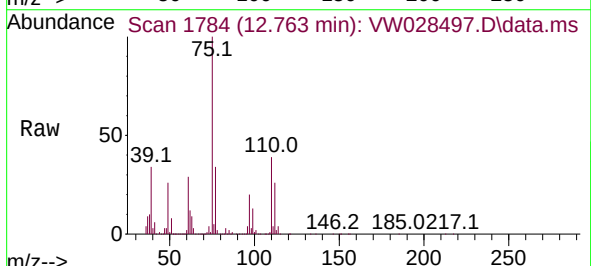
Tgt Ion: 75 Resp: 74293

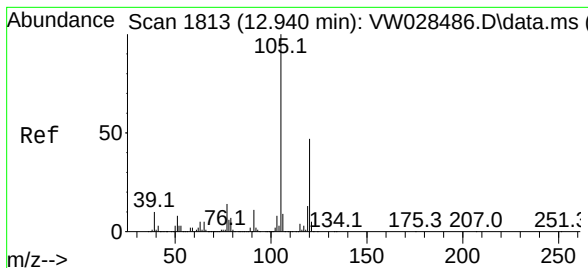
Ion Ratio Lower Upper

75 100

77 32.2 26.1 39.1

110 38.1 30.6 46.0





#62

1,3,5-Trimethylbenzene

Concen: 24.197 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW028497.D

Acq: 19 Apr 2024 15:37

Instrument :

MSVOA_W

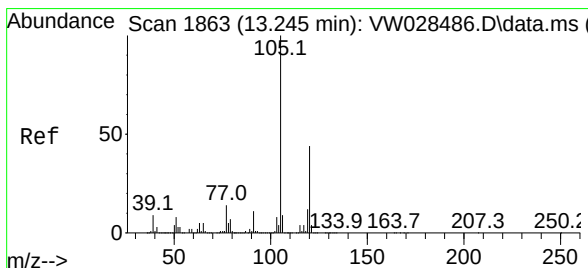
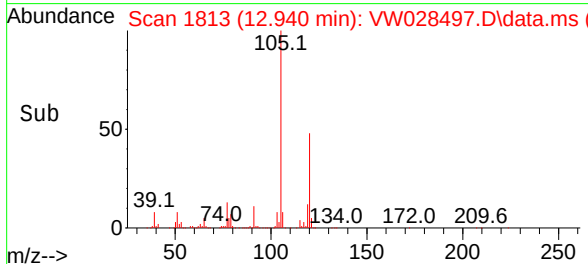
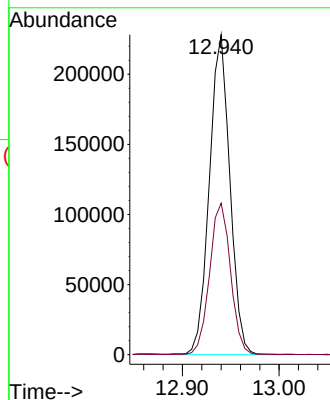
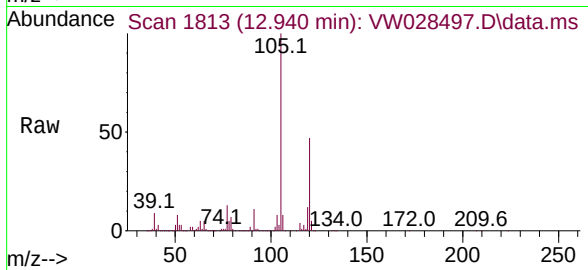
ClientSampleId :

Tgt Ion:105 Resp: 336350

Ion Ratio Lower Upper

105 100

120 48.4 37.5 56.3



#63

1,2,4-Trimethylbenzene

Concen: 24.627 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW028497.D

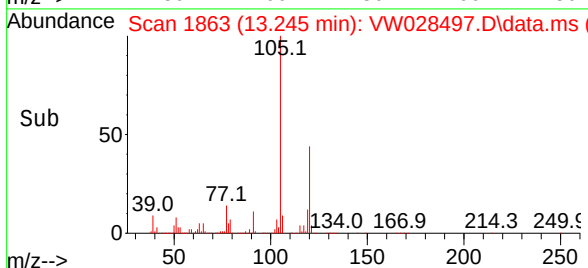
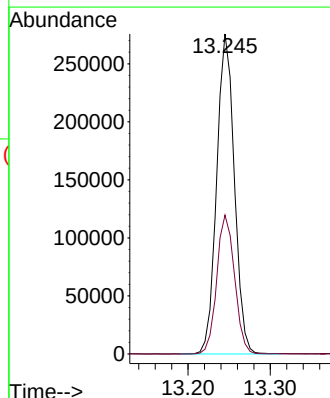
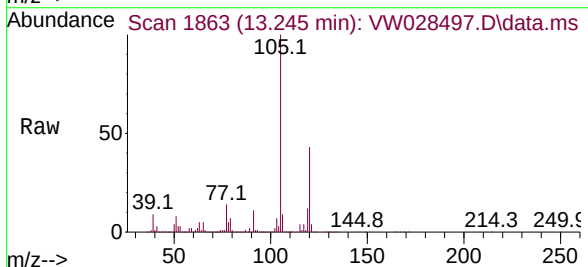
Acq: 19 Apr 2024 15:37

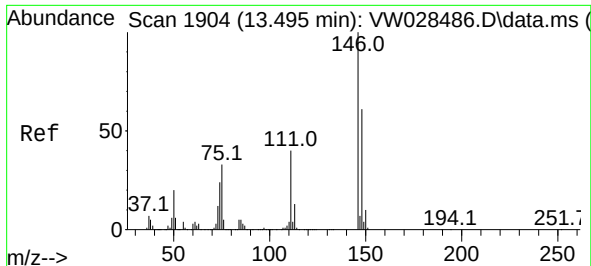
Tgt Ion:105 Resp: 411988

Ion Ratio Lower Upper

105 100

120 43.7 35.4 53.0

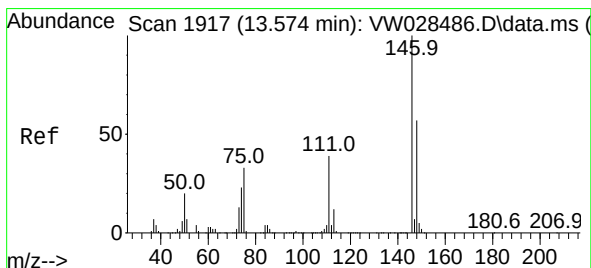
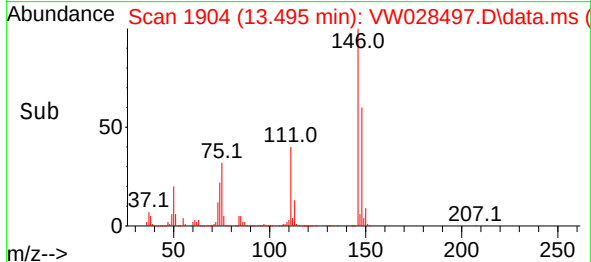
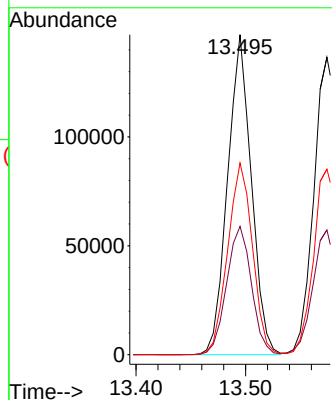
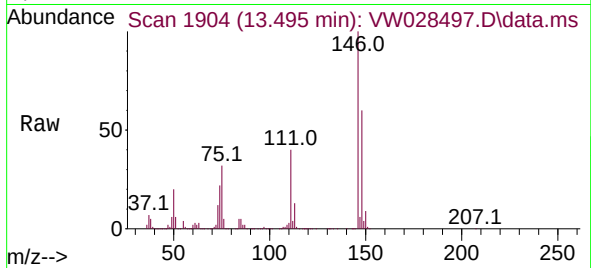




#64
1,3-Dichlorobenzene
Concen: 23.920 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW028497.D
Acq: 19 Apr 2024 15:37

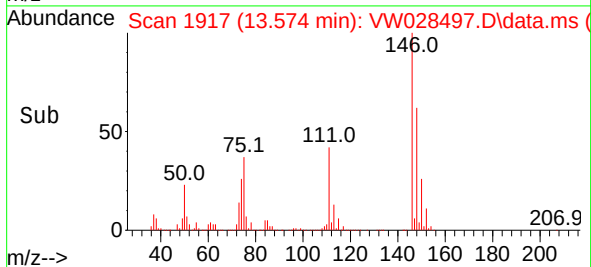
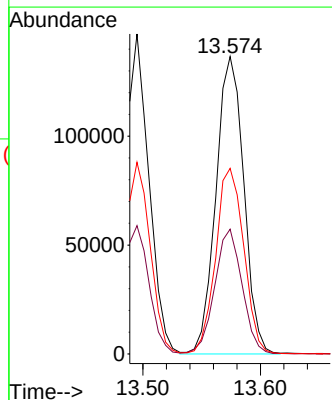
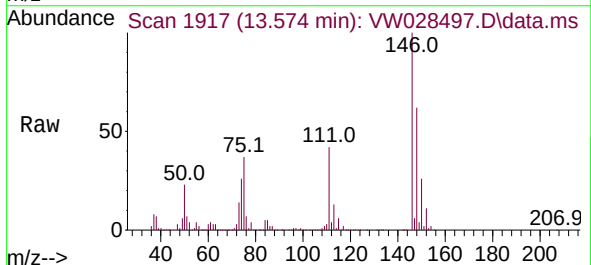
Instrument :
MSVOA_W
ClientSampleId :

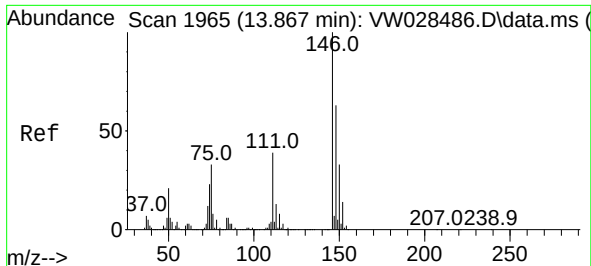
Tgt Ion:146 Resp: 221355
Ion Ratio Lower Upper
146 100
111 40.1 29.8 55.3
148 59.9 47.3 87.8



#65
1,4-Dichlorobenzene
Concen: 23.911 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW028497.D
Acq: 19 Apr 2024 15:37

Tgt Ion:146 Resp: 225089
Ion Ratio Lower Upper
146 100
111 42.0 30.3 56.3
148 62.4 47.3 87.8

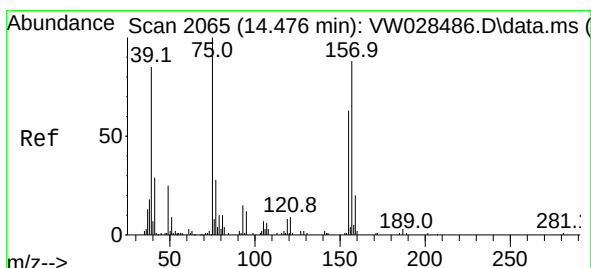
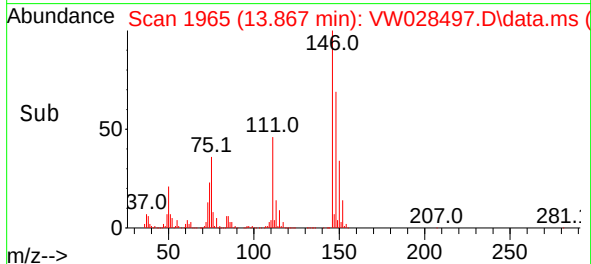
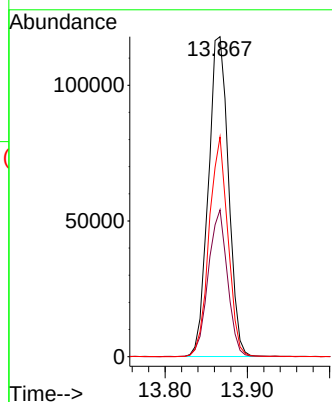
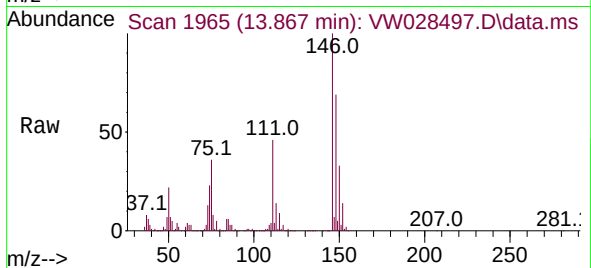




#67
1,2-Dichlorobenzene
Concen: 24.545 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW028497.D
Acq: 19 Apr 2024 15:37

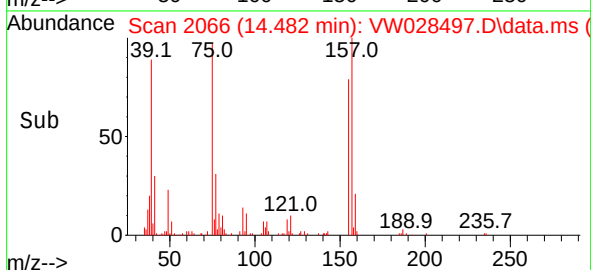
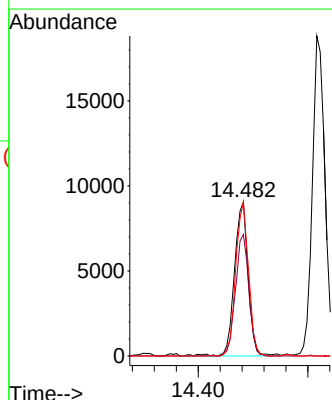
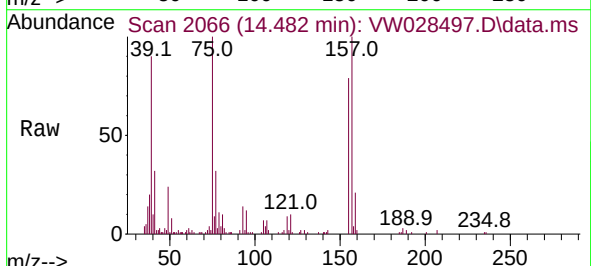
Instrument :
MSVOA_W
ClientSampleId :

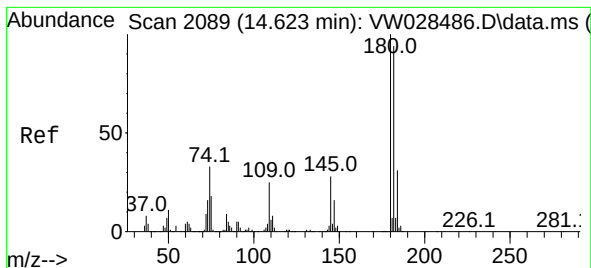
Tgt Ion:146 Resp: 199799
Ion Ratio Lower Upper
146 100
111 45.9 31.4 47.2
148 68.7 46.4 69.6



#68
1,2-Dibromo-3-chloropropane
Concen: 25.630 ug/L
RT: 14.482 min Scan# 2066
Delta R.T. 0.006 min
Lab File: VW028497.D
Acq: 19 Apr 2024 15:37

Tgt Ion: 75 Resp: 15621
Ion Ratio Lower Upper
75 100
155 79.0 61.2 91.8
157 100.2 73.3 109.9





#69

1,3,5-Trichlorobenzene

Concen: 22.485 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

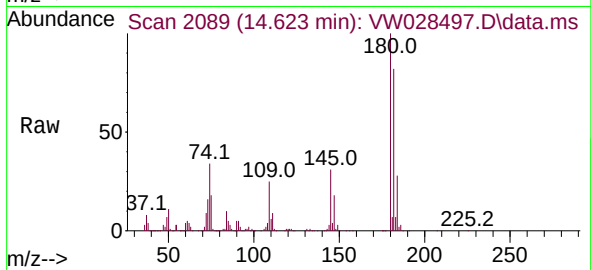
Lab File: VW028497.D

Acq: 19 Apr 2024 15:37

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 143184

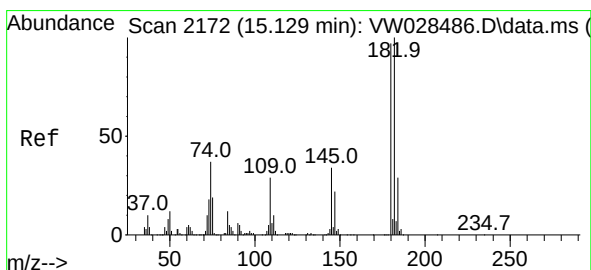
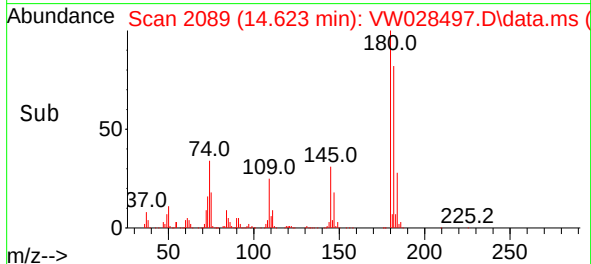
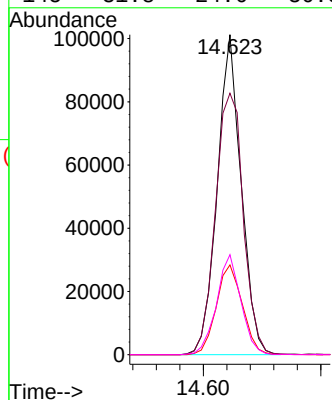
Ion Ratio Lower Upper

180 100

182 95.2 77.4 116.0

184 30.5 24.8 37.2

145 31.8 24.6 36.8



#70

1,2,4-trichlorobenzene

Concen: 24.451 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. -0.006 min

Lab File: VW028497.D

Acq: 19 Apr 2024 15:37

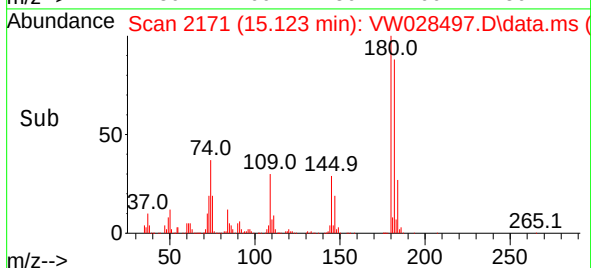
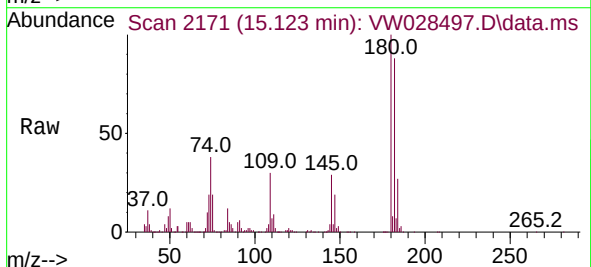
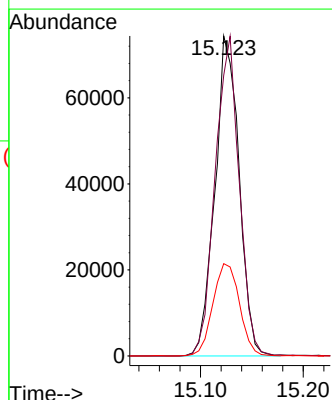
Tgt Ion:180 Resp: 121591

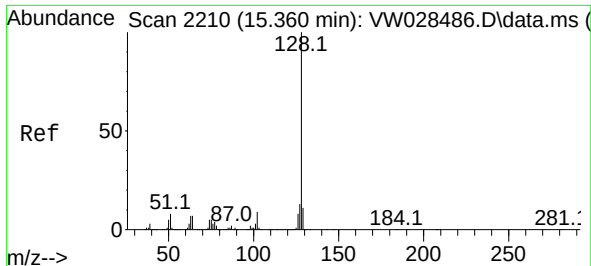
Ion Ratio Lower Upper

180 100

182 99.3 71.5 107.3

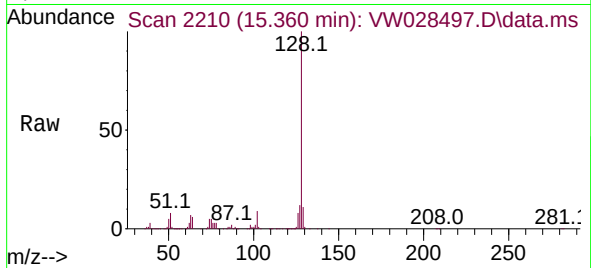
145 31.7 23.5 35.3



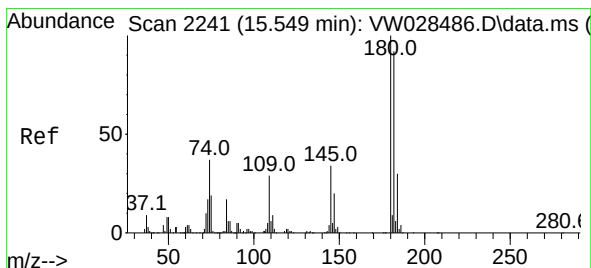
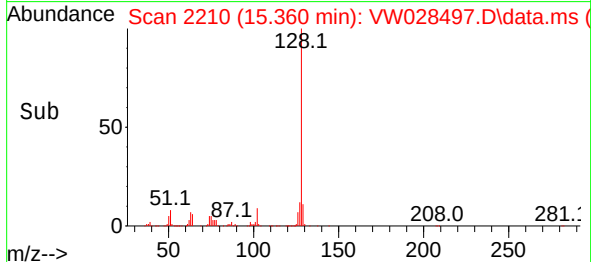
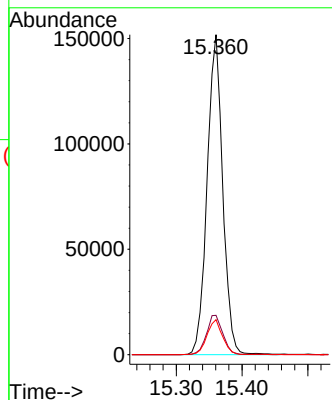


#71
Naphthalene
Concen: 28.480 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. 0.000 min
Lab File: VW028497.D
Acq: 19 Apr 2024 15:37

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion:128 Resp: 250646
Ion Ratio Lower Upper
128 100
127 12.8 10.7 16.1
129 11.0 8.5 12.7



#72
1,2,3-Trichlorobenzene
Concen: 25.501 ug/L
RT: 15.543 min Scan# 2240
Delta R.T. -0.006 min
Lab File: VW028497.D
Acq: 19 Apr 2024 15:37

Tgt Ion:180 Resp: 112530
Ion Ratio Lower Upper
180 100
182 91.3 75.7 113.5
145 32.0 26.2 39.4

