

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041924\
 Data File : VW028486.D
 Acq On : 19 Apr 2024 09:17
 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 19 21:41:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Apr 18 02:19:47 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	317610	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	291064	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	147740	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	92388	18.144	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.560%
7) Chloroethane-d5	2.899	69	77100	19.978	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.920%
11) 1,1-Dichloroethene-d2	4.027	65	41830	19.399	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	77.600%
21) 2-Butanone-d5	7.081	46	43628	45.789	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.580%
24) Chloroform-d	7.654	84	190359	22.969	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.880%
26) 1,2-Dichloroethane-d4	8.307	65	99522	23.107	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.440%
32) Benzene-d6	8.276	84	357941	22.511	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.040%
36) 1,2-Dichloropropane-d6	9.276	67	109048	23.072	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.280%
41) Toluene-d8	10.325	98	323467	22.372	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.480%
43) trans-1,3-Dichloroprop...	10.575	79	41100	21.870	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.480%
47) 2-Hexanone-d5	10.922	63	29368	44.858	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.720%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	80548	24.155	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.600%
66) 1,2-Dichlorobenzene-d4	13.855	152	106439	22.781	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.120%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	78043	18.269	ug/L	99
3) Chloromethane	2.222	50	105100	20.955	ug/L	100
5) Vinyl chloride	2.375	62	128028	21.435	ug/L	99
6) Bromomethane	2.796	94	76880	20.602	ug/L	99
8) Chloroethane	2.936	64	76092	21.133	ug/L	98
9) Trichlorofluoromethane	3.277	101	107731	22.610	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	97207	21.685	ug/L	97
12) 1,1-Dichloroethene	4.045	96	92595	21.999	ug/L	94
13) Acetone	4.125	43	52984	45.289	ug/L	97
14) Carbon disulfide	4.393	76	288166	20.795	ug/L	100
16) Methylene chloride	4.923	84	100601	20.932	ug/L	99
17) trans-1,2-Dichloroethene	5.435	96	96575	21.782	ug/L	99
18) Methyl tert-butyl Ether	5.435	73	135462	21.720	ug/L	99
19) 1,1-Dichloroethane	6.222	63	193512	22.401	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	102725	21.830	ug/L	97
22) 2-Butanone	7.173	43	57193	40.283	ug/L	100
23) Bromochloromethane	7.520	128	43307	21.366	ug/L	95
25) Chloroform	7.679	83	192001	22.626	ug/L	94
27) 1,2-Dichloroethane	8.398	62	128311	21.908	ug/L	100

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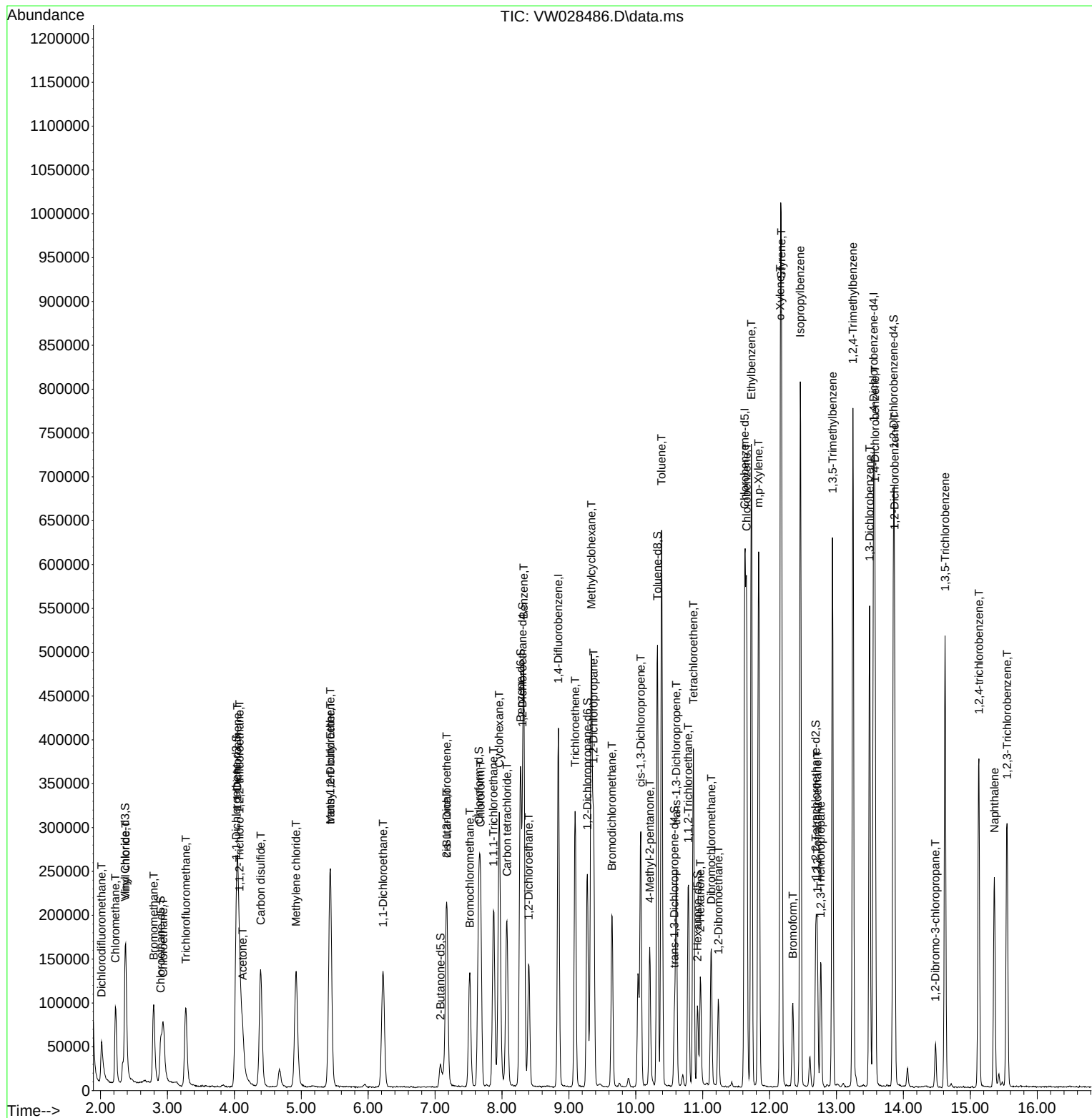
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.959	56	171261	22.276	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	159294	22.566	ug/L	99
31) Carbon tetrachloride	8.075	117	141430	22.594	ug/L	99
33) Benzene	8.325	78	405992	22.309	ug/L	100
34) Trichloroethene	9.093	95	108421	21.984	ug/L	97
35) Methylcyclohexane	9.337	83	183886	21.850	ug/L	99
37) 1,2-Dichloropropane	9.368	63	107295	22.621	ug/L	99
38) Bromodichloromethane	9.642	83	129470	22.022	ug/L	99
39) cis-1,3-Dichloropropene	10.075	75	155656	22.379	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	107871	45.431	ug/L	100
42) Toluene	10.386	91	440007	22.823	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	124559	22.136	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	70414	21.943	ug/L	97
46) Tetrachloroethene	10.861	164	78118	21.206	ug/L	95
48) 2-Hexanone	10.965	43	82498	43.772	ug/L	98
49) Dibromochloromethane	11.129	129	78287	22.826	ug/L	98
50) 1,2-Dibromoethane	11.233	107	63473	21.672	ug/L	91
51) Chlorobenzene	11.654	112	265793	22.180	ug/L	94
52) Ethylbenzene	11.727	91	501713	22.957	ug/L	99
53) m,p-Xylene	11.837	106	182713	22.482	ug/L	99
54) o-Xylene	12.160	106	171996	22.729	ug/L	99
55) Styrene	12.178	104	299557	23.259	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.714	83	78805	21.700	ug/L	97
59) Bromoform	12.349	173	42255	21.667	ug/L	99
60) Isopropylbenzene	12.458	105	493920	22.300	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	56471	20.907	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	313298	22.193	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	389271	22.913	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	202929	21.593	ug/L	93
65) 1,4-Dichlorobenzene	13.574	146	202135	21.144	ug/L	90
67) 1,2-Dichlorobenzene	13.867	146	181678	21.977	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	11936	19.284	ug/L	90
69) 1,3,5-Trichlorobenzene	14.623	180	142417	22.022	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	108462	21.477	ug/L	92
71) Naphthalene	15.360	128	196803	22.019	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	98308	21.937	ug/L	99

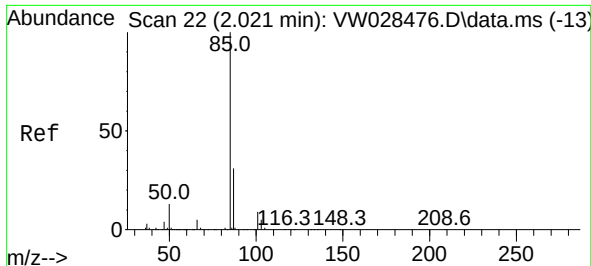
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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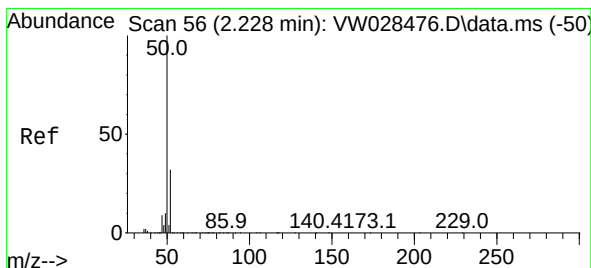
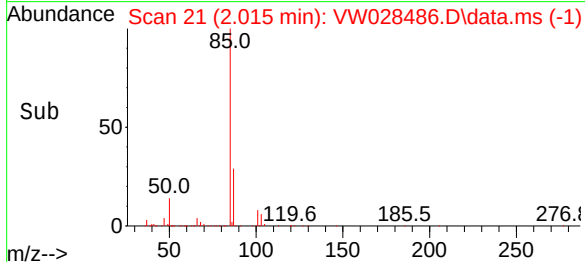
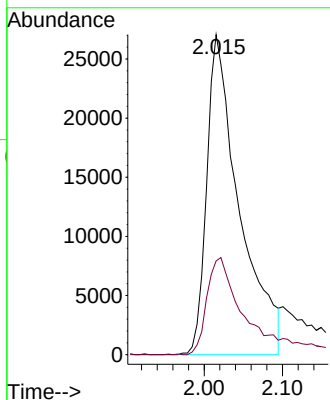
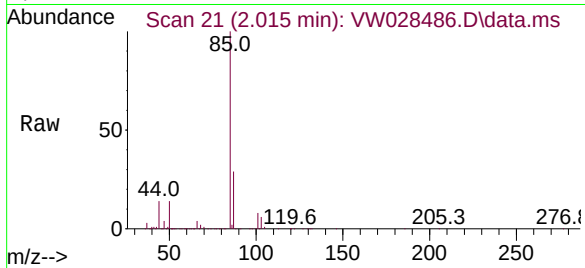




#2
 Dichlorodifluoromethane
 Concen: 18.269 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW028486.D
 Acq: 19 Apr 2024 09:17

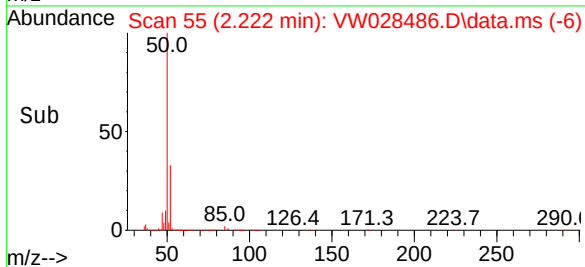
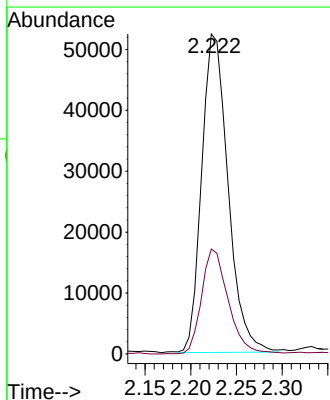
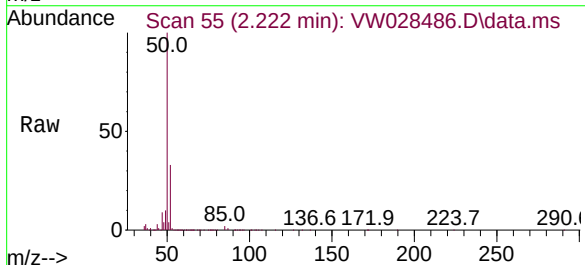
Instrument :
 MSVOA_W
 ClientSampleId :

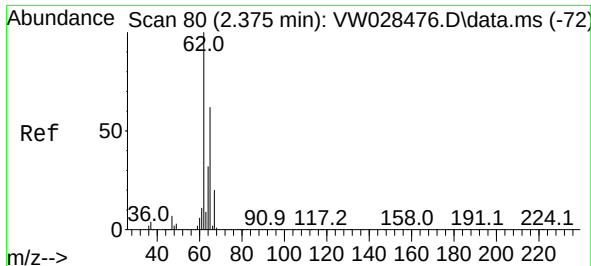
Tgt Ion: 85 Resp: 78043
 Ion Ratio Lower Upper
 85 100
 87 29.9 23.4 35.0



#3
 Chloromethane
 Concen: 20.955 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VW028486.D
 Acq: 19 Apr 2024 09:17

Tgt Ion: 50 Resp: 105100
 Ion Ratio Lower Upper
 50 100
 52 32.8 23.0 42.6

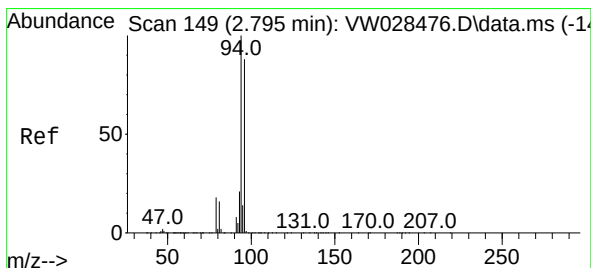
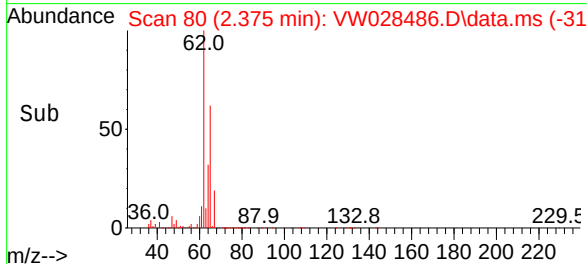
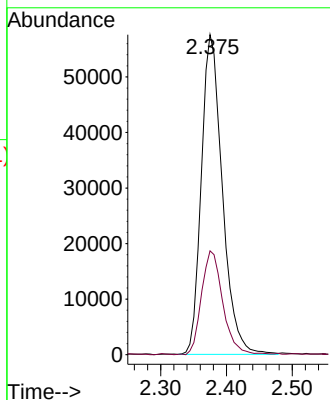
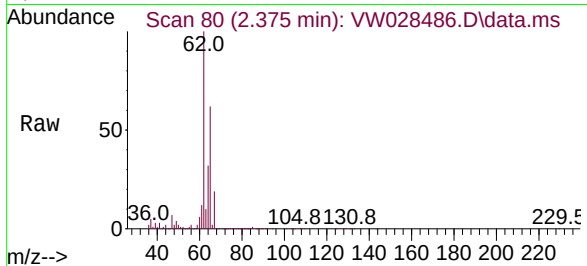




#5
 Vinyl chloride
 Concen: 21.435 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW028486.D
 Acq: 19 Apr 2024 09:17

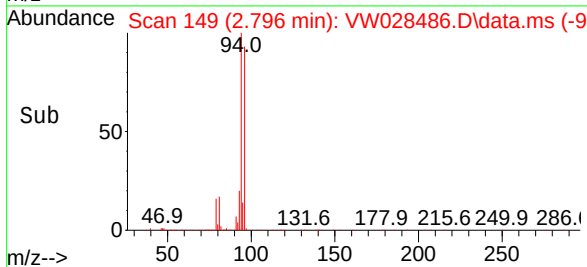
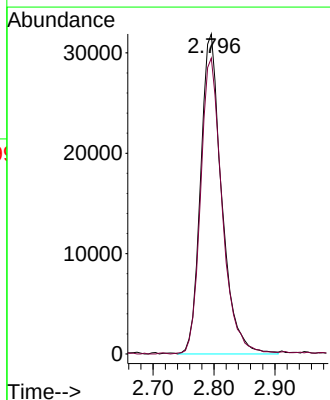
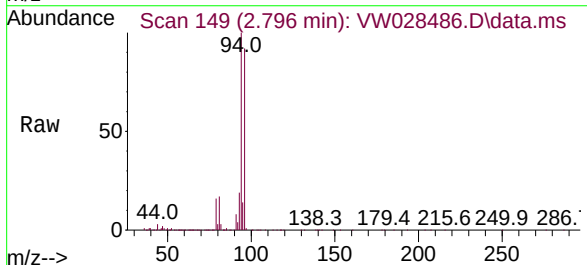
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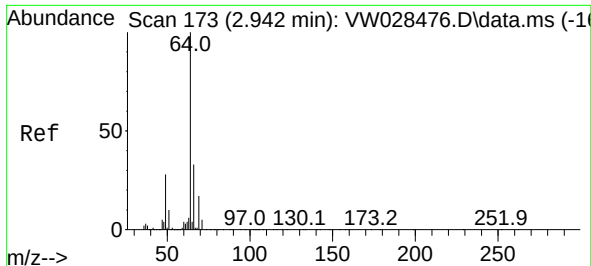
Tgt Ion: 62 Resp: 128028
 Ion Ratio Lower Upper
 62 100
 64 32.5 23.1 42.9



#6
 Bromomethane
 Concen: 20.602 ug/L
 RT: 2.796 min Scan# 149
 Delta R.T. 0.006 min
 Lab File: VW028486.D
 Acq: 19 Apr 2024 09:17

Tgt Ion: 94 Resp: 76880
 Ion Ratio Lower Upper
 94 100
 96 92.4 64.3 119.5

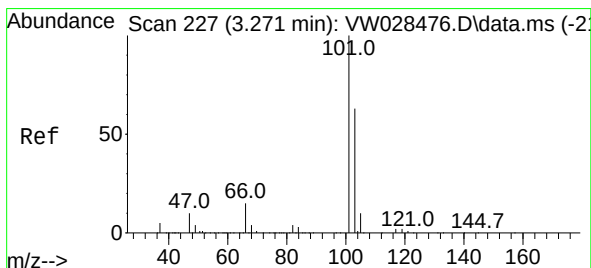
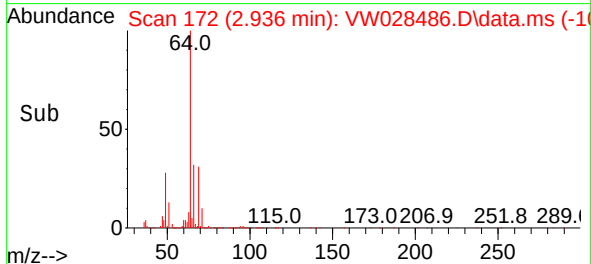
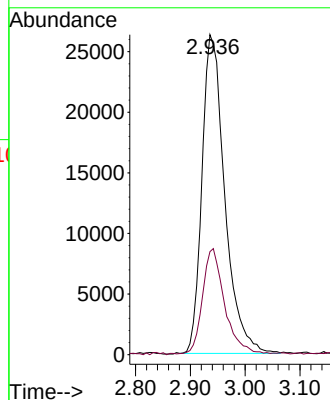
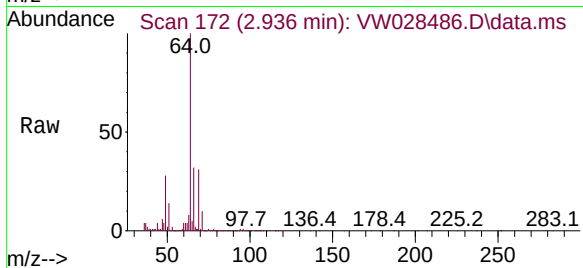




#8
Chloroethane
Concen: 21.133 ug/L
RT: 2.936 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW028486.D
Acq: 19 Apr 2024 09:17

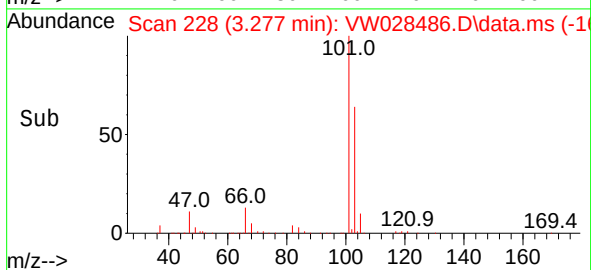
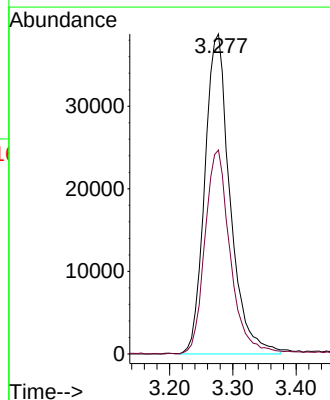
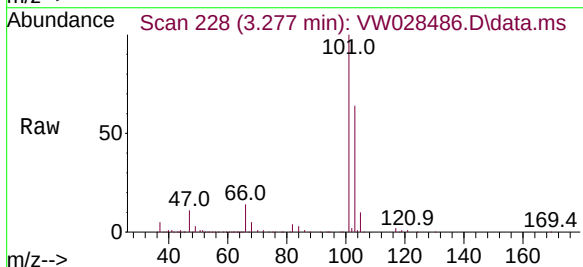
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MSVOA_W
ClientSampleId :

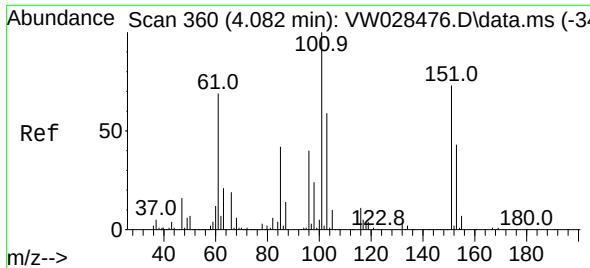
Tgt Ion: 64 Resp: 76092
Ion Ratio Lower Upper
64 100
66 32.2 21.7 40.3



#9
Trichlorofluoromethane
Concen: 22.610 ug/L
RT: 3.277 min Scan# 228
Delta R.T. 0.012 min
Lab File: VW028486.D
Acq: 19 Apr 2024 09:17

Tgt Ion:101 Resp: 107731
Ion Ratio Lower Upper
101 100
103 62.8 52.0 78.0

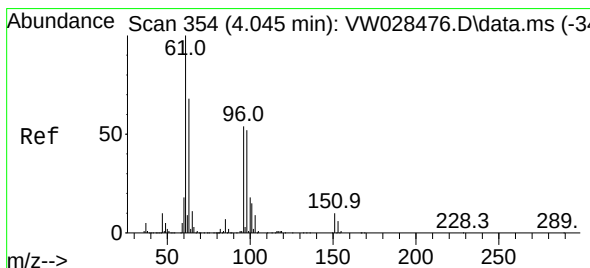
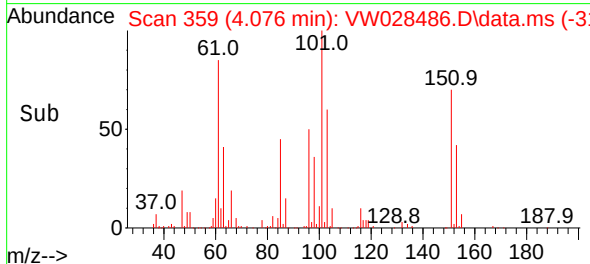
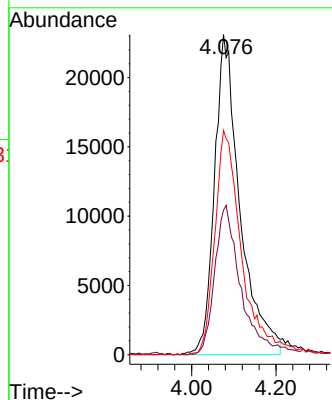
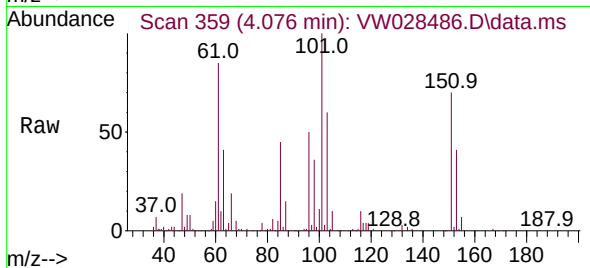




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 21.685 ug/L
 RT: 4.076 min Scan# 359
 Delta R.T. -0.000 min
 Lab File: VW028486.D
 Acq: 19 Apr 2024 09:17

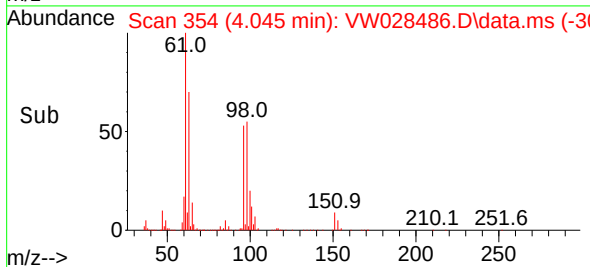
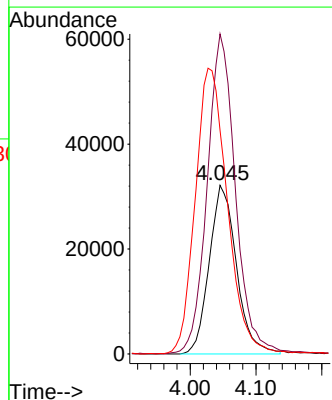
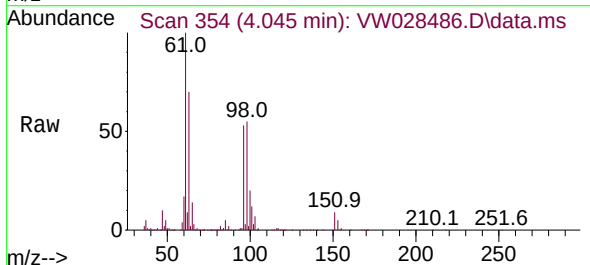
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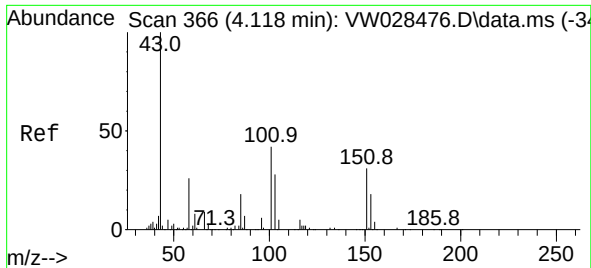
Tgt Ion:101 Resp: 97207
 Ion Ratio Lower Upper
 101 100
 85 46.2 34.5 51.7
 151 70.1 57.5 86.3



#12
 1,1-Dichloroethene
 Concen: 21.999 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. -0.006 min
 Lab File: VW028486.D
 Acq: 19 Apr 2024 09:17

Tgt Ion: 96 Resp: 92595
 Ion Ratio Lower Upper
 96 100
 61 189.7 130.5 242.5
 63 132.6 101.5 188.5

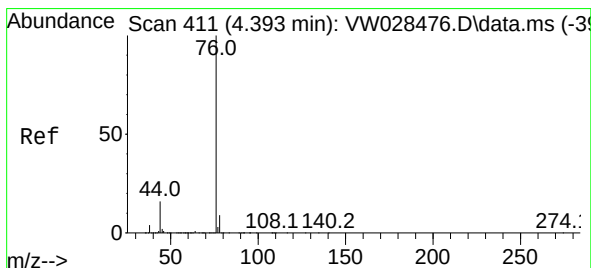
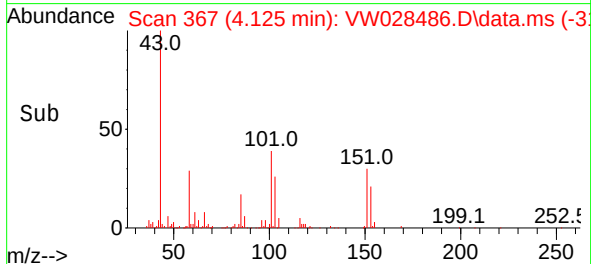
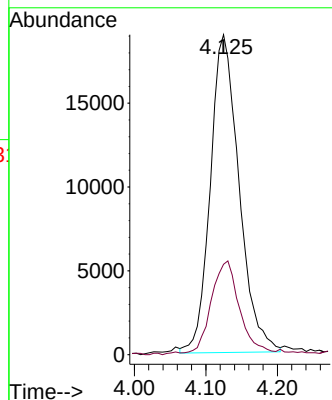
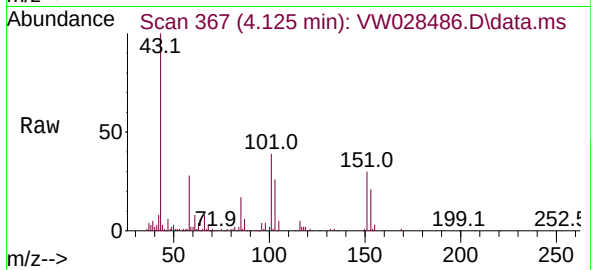




#13
Acetone
Concen: 45.289 ug/L
RT: 4.125 min Scan# 367
Delta R.T. 0.006 min
Lab File: VW028486.D
Acq: 19 Apr 2024 09:17

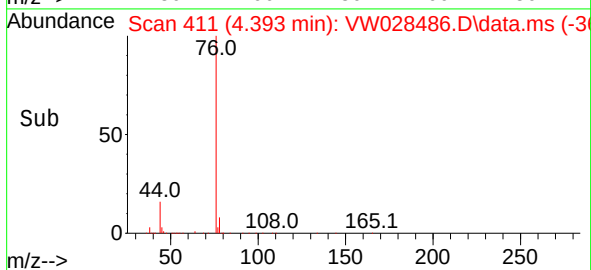
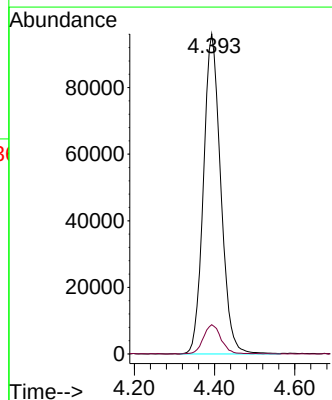
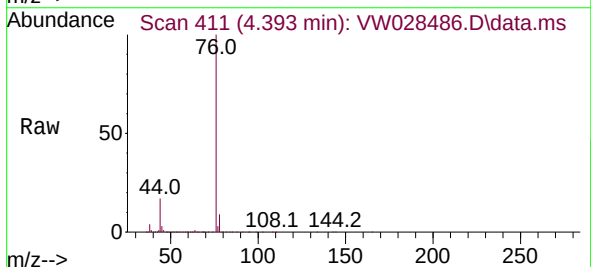
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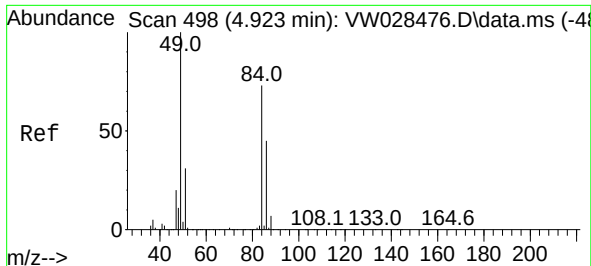
Tgt Ion: 43 Resp: 52984
Ion Ratio Lower Upper
43 100
58 28.3 0.0 53.4



#14
Carbon disulfide
Concen: 20.795 ug/L
RT: 4.393 min Scan# 411
Delta R.T. -0.000 min
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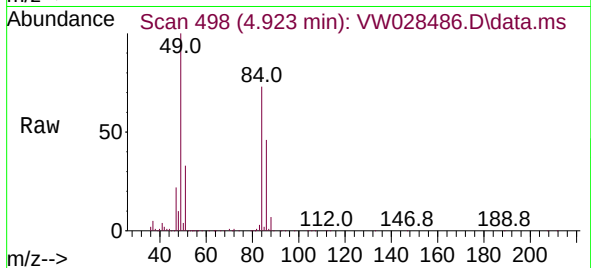
Tgt Ion: 76 Resp: 288166
Ion Ratio Lower Upper
76 100
78 9.2 7.3 10.9



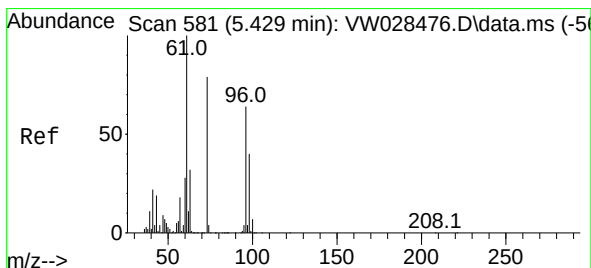
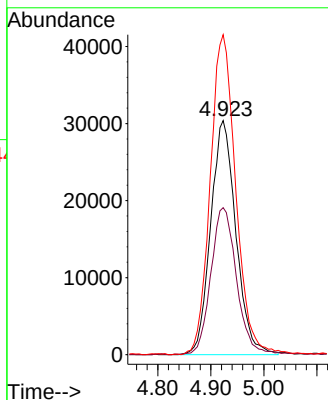
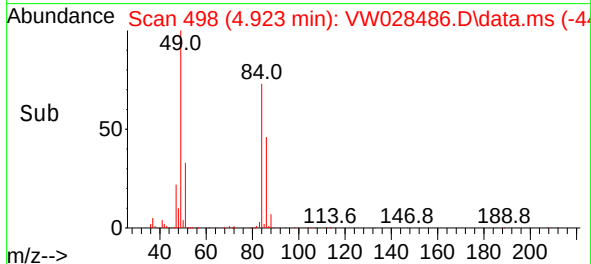


#16
Methylene chloride
Concen: 20.932 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.006 min
Lab File: VW028486.D
Acq: 19 Apr 2024 09:17

Instrument :
MSVOA_W
ClientSampleId :

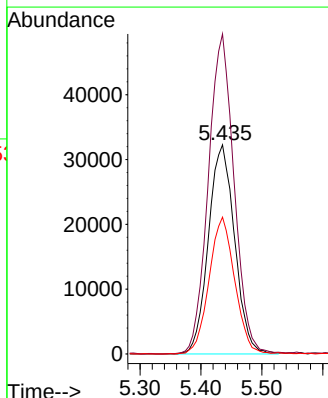
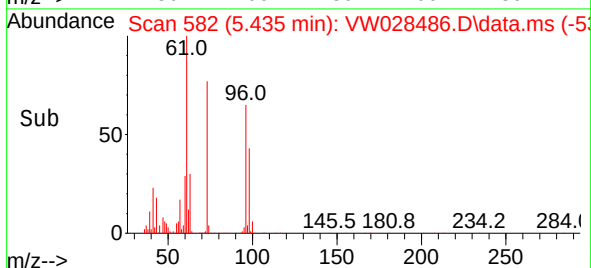
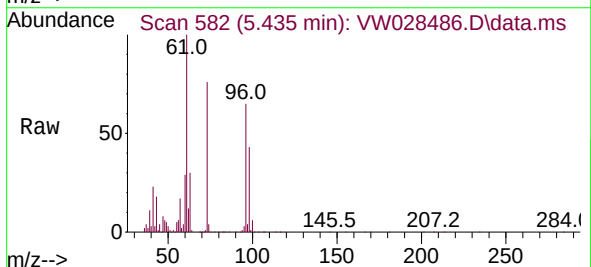


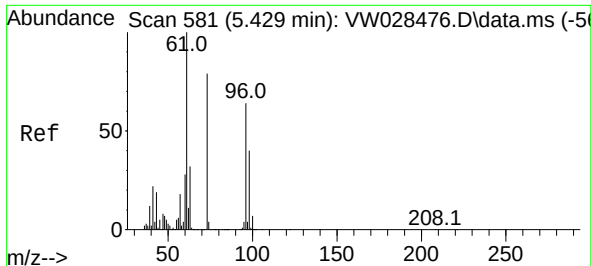
Tgt Ion: 84 Resp: 100601
Ion Ratio Lower Upper
84 100
86 62.9 44.2 82.0
49 136.7 95.0 176.4



#17
trans-1,2-Dichloroethene
Concen: 21.782 ug/L
RT: 5.435 min Scan# 582
Delta R.T. 0.012 min
Lab File: VW028486.D
Acq: 19 Apr 2024 09:17

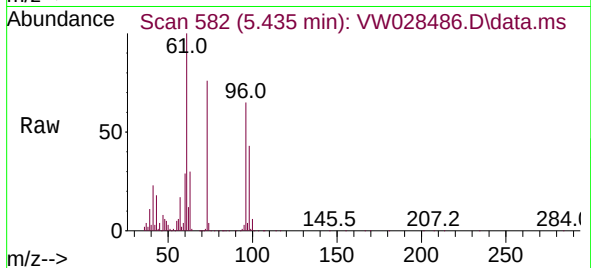
Tgt Ion: 96 Resp: 96575
Ion Ratio Lower Upper
96 100
61 153.0 108.4 201.4
98 65.4 45.6 84.8



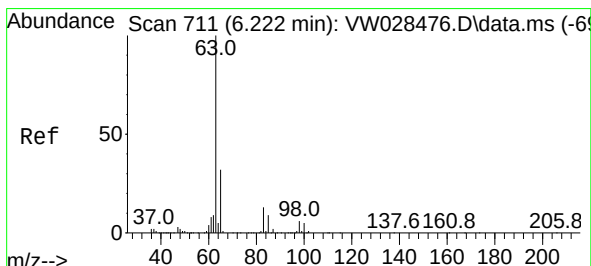
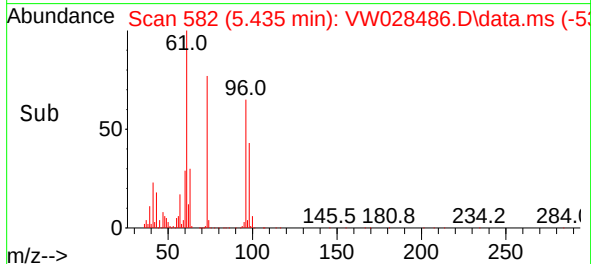
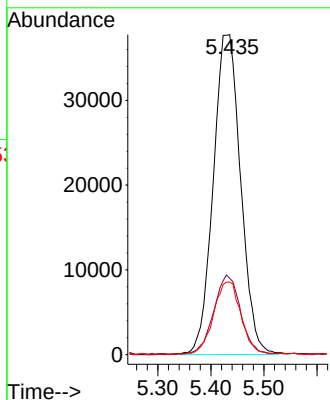


#18
Methyl tert-butyl Ether
Concen: 21.720 ug/L
RT: 5.435 min Scan# 581
Delta R.T. 0.012 min
Lab File: VW028486.D
Acq: 19 Apr 2024 09:17

Instrument :
MSVOA_W
ClientSampleId :

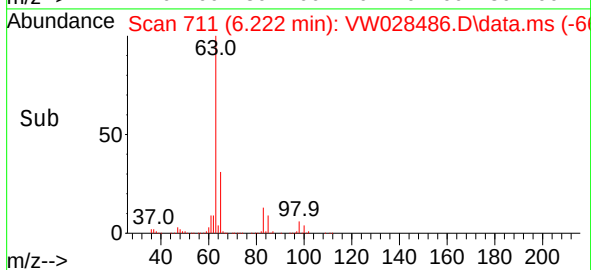
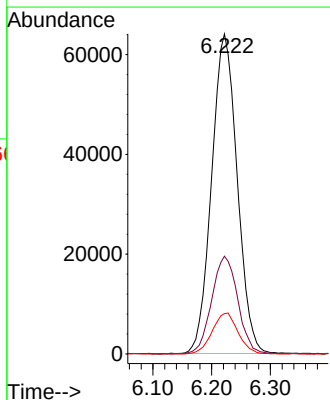
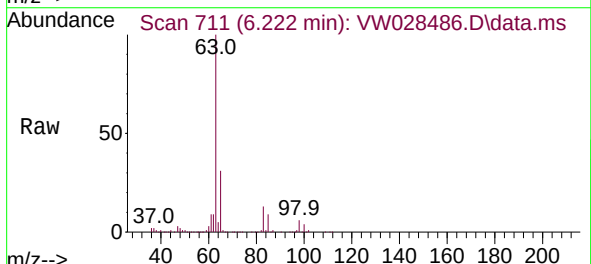


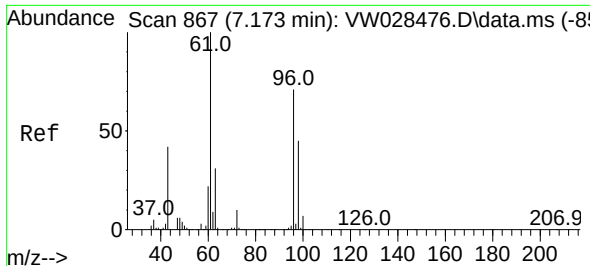
Tgt Ion: 73 Resp: 135462
Ion Ratio Lower Upper
73 100
43 23.8 18.5 27.7
57 22.9 18.2 27.4



#19
1,1-Dichloroethane
Concen: 22.401 ug/L
RT: 6.222 min Scan# 711
Delta R.T. 0.006 min
Lab File: VW028486.D
Acq: 19 Apr 2024 09:17

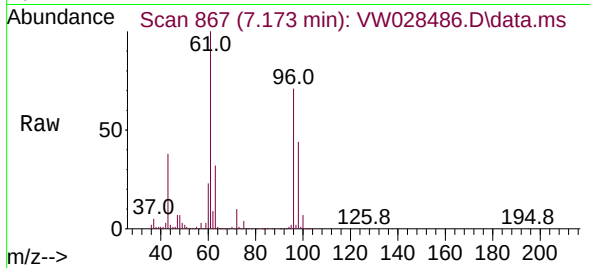
Tgt Ion: 63 Resp: 193512
Ion Ratio Lower Upper
63 100
65 30.5 21.8 40.4
83 12.6 9.0 16.8



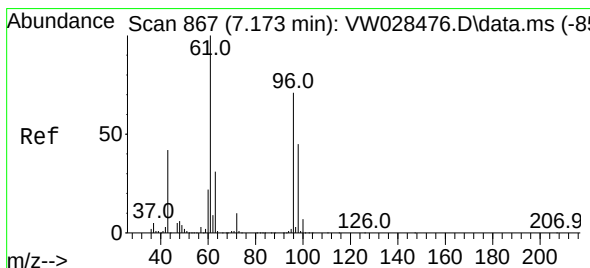
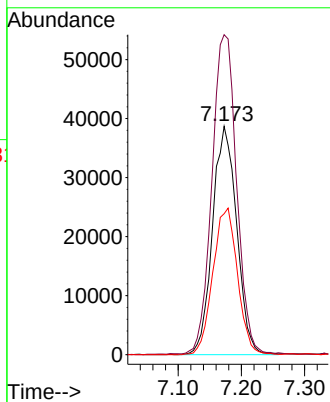
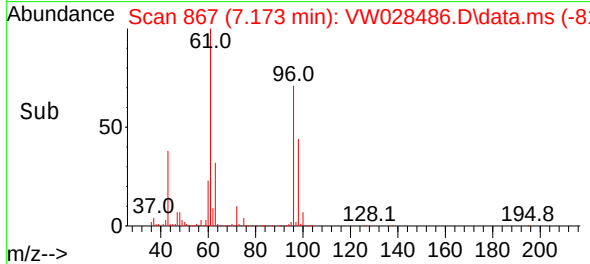


#20
cis-1,2-Dichloroethene
Concen: 21.830 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.006 min
Lab File: VW028486.D
Acq: 19 Apr 2024 09:17

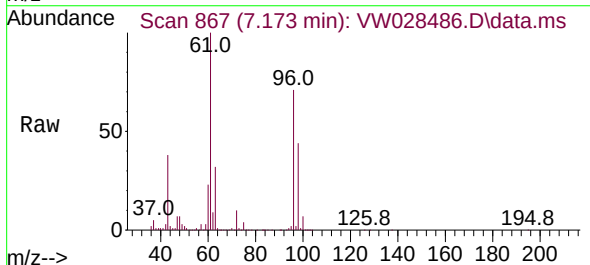
Instrument :
MSVOA_W
ClientSampleId :



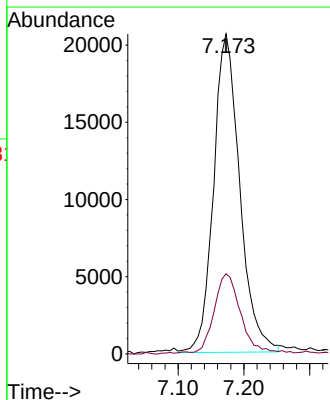
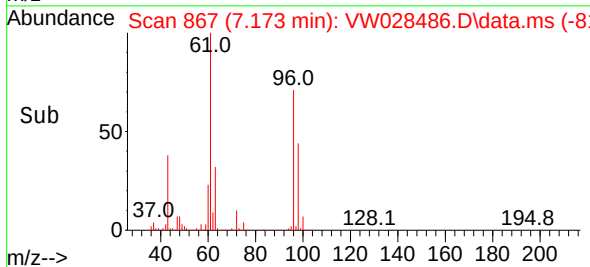
Tgt Ion: 96 Resp: 102725
Ion Ratio Lower Upper
96 100
61 140.1 97.6 181.2
98 61.7 47.7 88.5

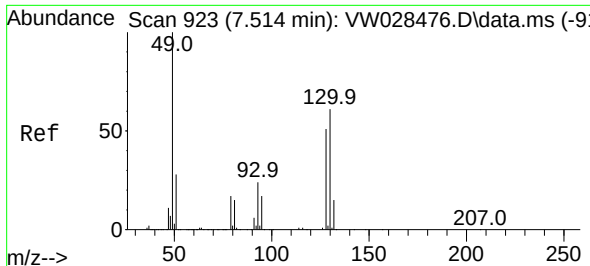


#22
2-Butanone
Concen: 40.283 ug/L
RT: 7.173 min Scan# 867
Delta R.T. -0.000 min
Lab File: VW028486.D
Acq: 19 Apr 2024 09:17



Tgt Ion: 43 Resp: 57193
Ion Ratio Lower Upper
43 100
72 25.4 12.8 38.4

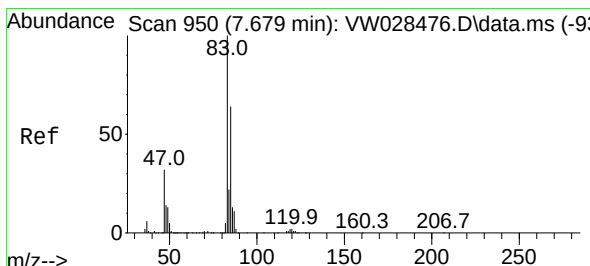
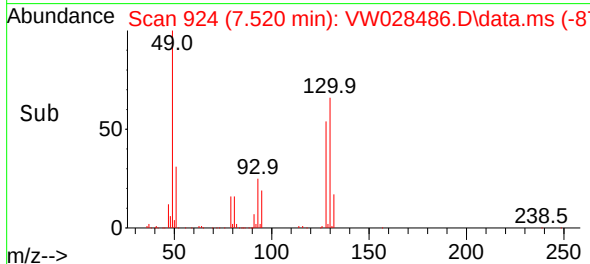
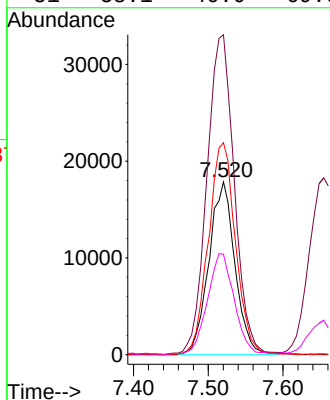
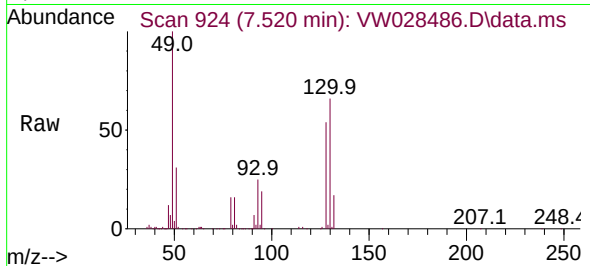




#23
Bromochloromethane
Concen: 21.366 ug/L
RT: 7.520 min Scan# 91
Delta R.T. -0.000 min
Lab File: VW028486.D
Acq: 19 Apr 2024 09:17

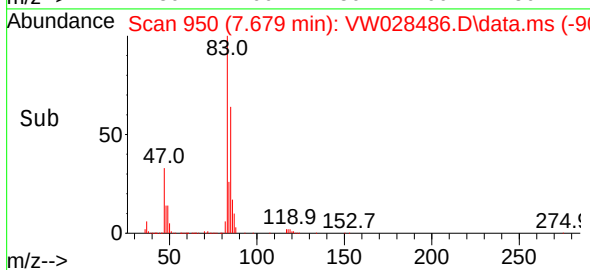
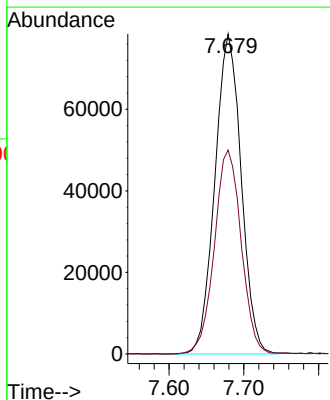
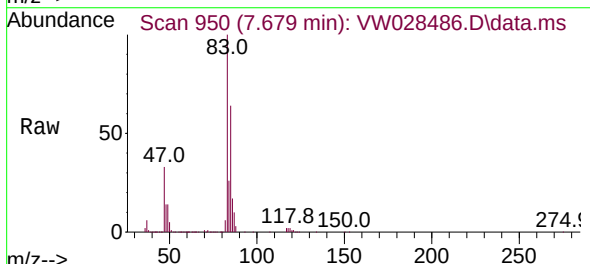
Instrument :
MSVOA_W
ClientSampleId :

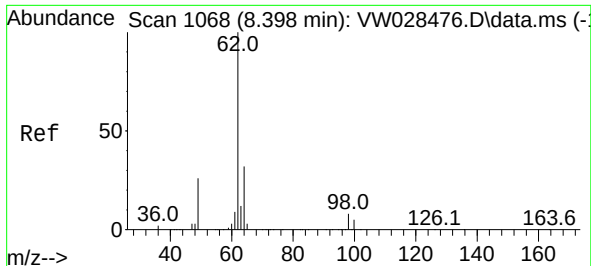
Tgt Ion:128 Resp: 43307
Ion Ratio Lower Upper
128 100
49 185.2 127.1 236.0
130 122.7 78.3 145.5
51 58.1 46.0 69.0



#25
Chloroform
Concen: 22.626 ug/L
RT: 7.679 min Scan# 950
Delta R.T. -0.000 min
Lab File: VW028486.D
Acq: 19 Apr 2024 09:17

Tgt Ion: 83 Resp: 192001
Ion Ratio Lower Upper
83 100
85 63.7 47.7 88.7





#27

1,2-Dichloroethane

Concen: 21.908 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.000 min

Lab File: VW028486.D

Acq: 19 Apr 2024 09:17

Instrument :

MSVOA_W

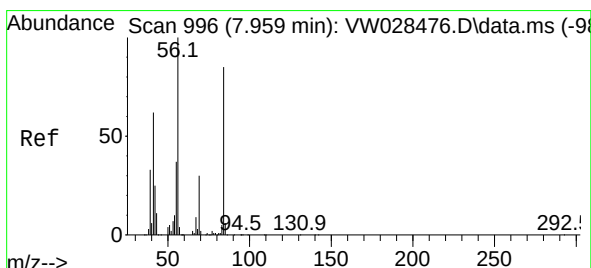
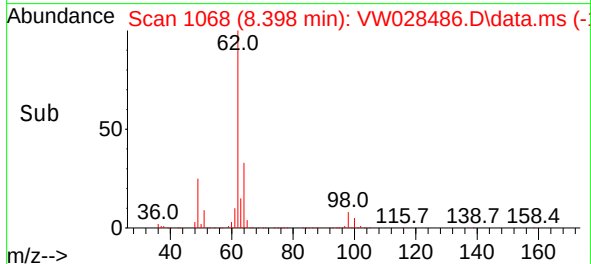
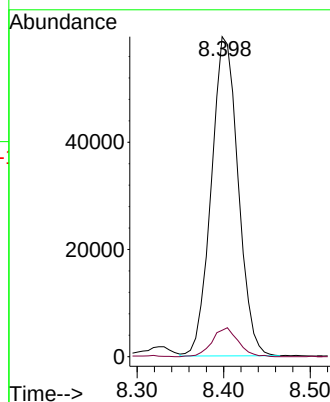
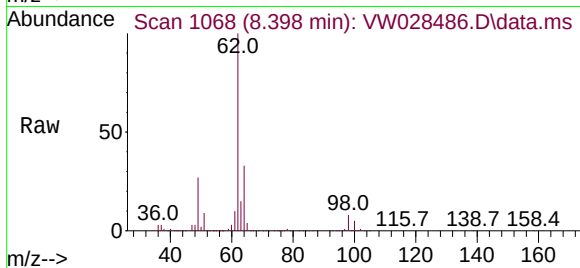
ClientSampleId :

Tgt Ion: 62 Resp: 128311

Ion Ratio Lower Upper

62 100

98 8.2 6.6 10.0



#29

Cyclohexane

Concen: 22.276 ug/L

RT: 7.959 min Scan# 996

Delta R.T. -0.000 min

Lab File: VW028486.D

Acq: 19 Apr 2024 09:17

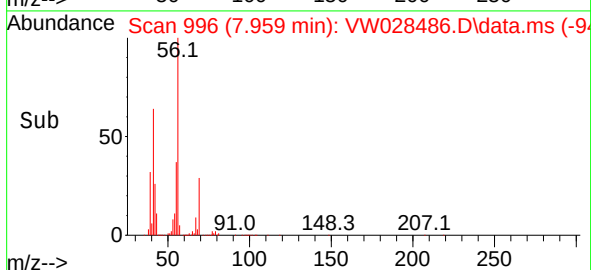
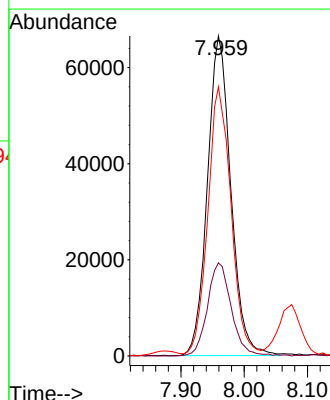
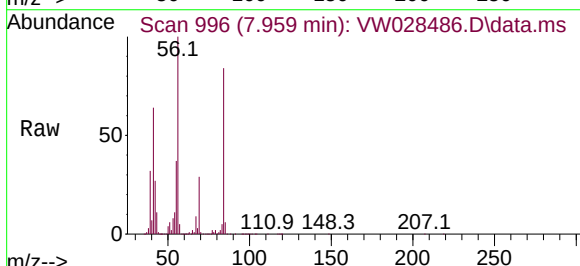
Tgt Ion: 56 Resp: 171261

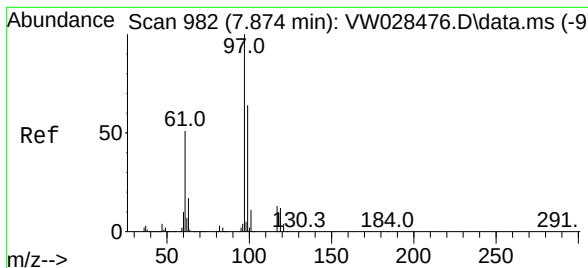
Ion Ratio Lower Upper

56 100

69 29.4 23.8 35.6

84 83.3 65.9 98.9





#30

1,1,1-Trichloroethane

Concen: 22.566 ug/L

RT: 7.874 min Scan# 91

Delta R.T. -0.000 min

Lab File: VW028486.D

Acq: 19 Apr 2024 09:17

Instrument :

MSVOA_W

ClientSampleId :

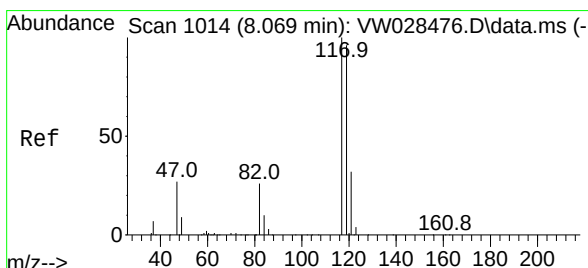
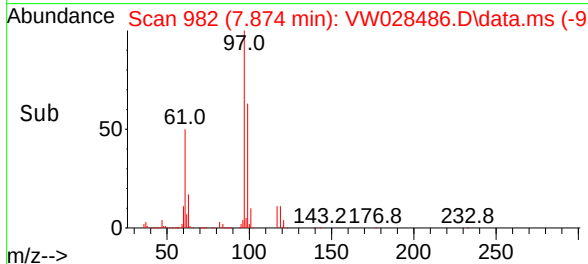
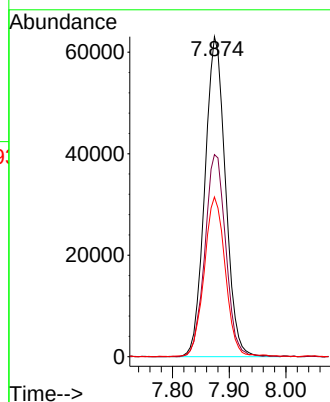
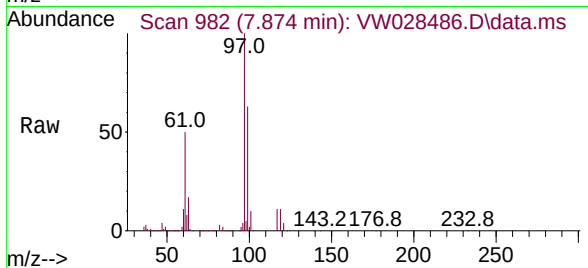
Tgt Ion: 97 Resp: 159294

Ion Ratio Lower Upper

97 100

99 64.0 51.4 77.2

61 51.0 40.5 60.7



#31

Carbon tetrachloride

Concen: 22.594 ug/L

RT: 8.075 min Scan# 1015

Delta R.T. 0.006 min

Lab File: VW028486.D

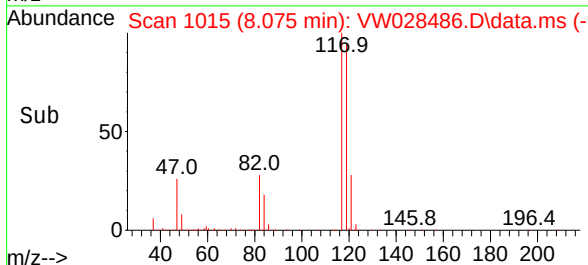
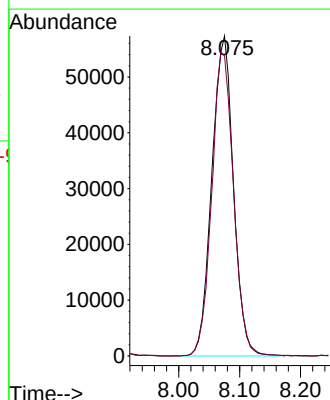
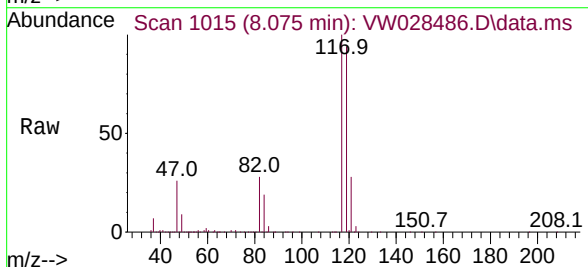
Acq: 19 Apr 2024 09:17

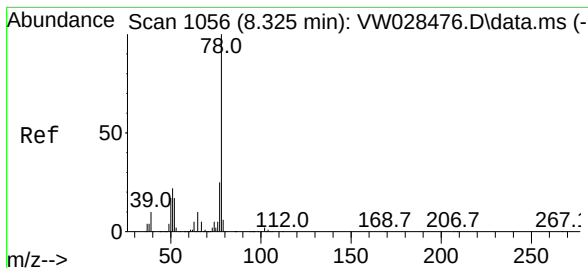
Tgt Ion: 117 Resp: 141430

Ion Ratio Lower Upper

117 100

119 95.6 77.4 116.2





#33

Benzene

Concen: 22.309 ug/L

RT: 8.325 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VW028486.D

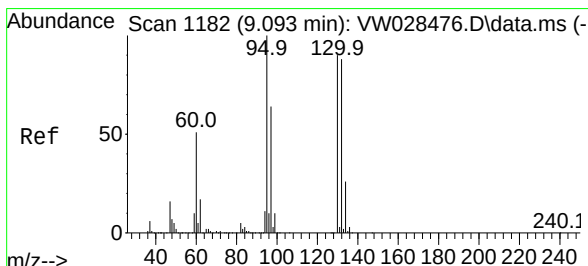
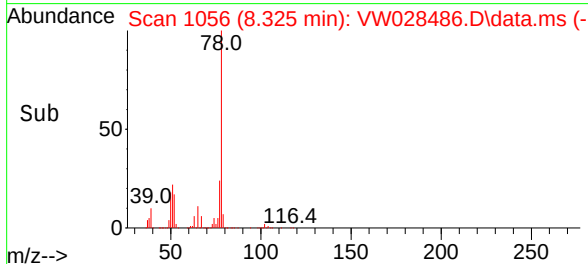
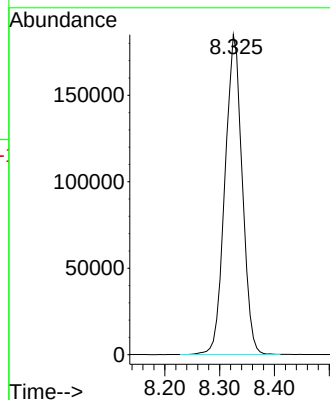
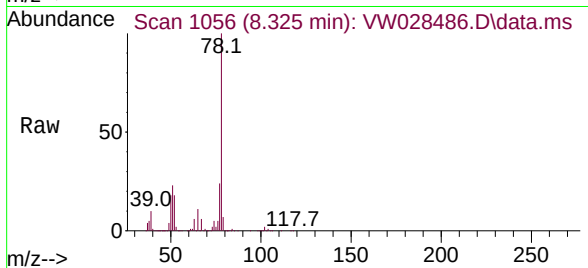
Acq: 19 Apr 2024 09:17

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 78 Resp: 405992



#34

Trichloroethene

Concen: 21.984 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. -0.000 min

Lab File: VW028486.D

Acq: 19 Apr 2024 09:17

Tgt Ion: 95 Resp: 108421

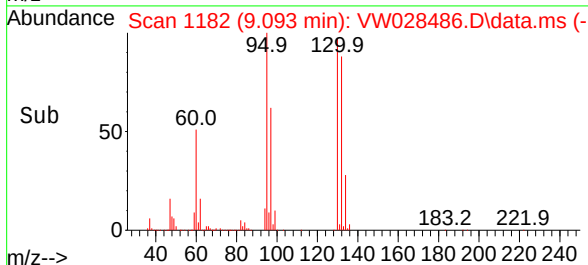
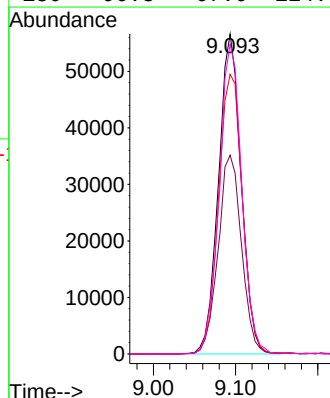
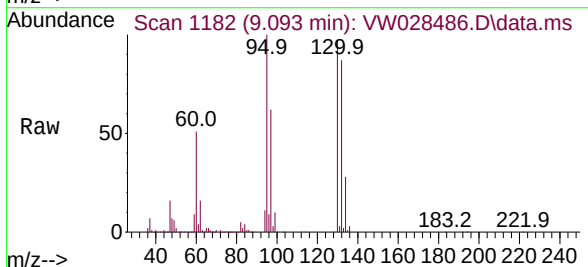
Ion Ratio Lower Upper

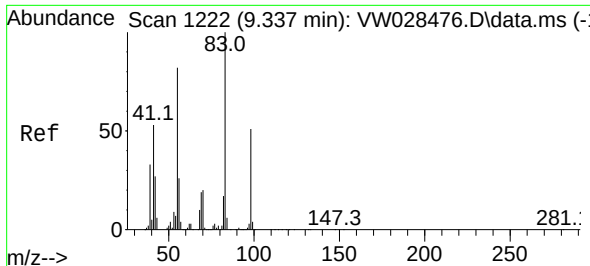
95 100

97 62.1 43.8 81.4

132 87.4 66.1 122.8

130 96.8 67.0 124.4





#35

Methylcyclohexane

Concen: 21.850 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.006 min

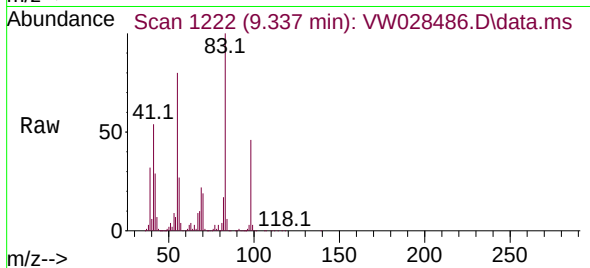
Lab File: VW028486.D

Acq: 19 Apr 2024 09:17

Instrument :

MSVOA_W

ClientSampleId :



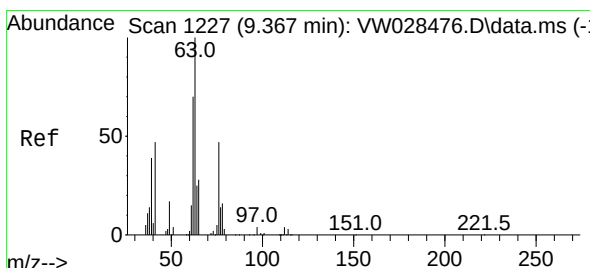
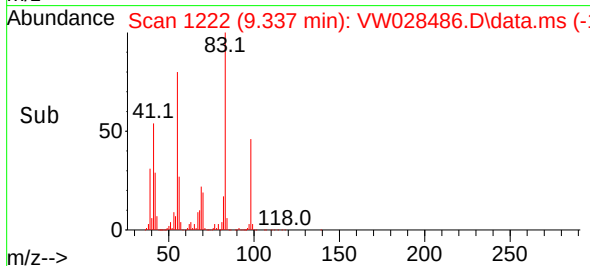
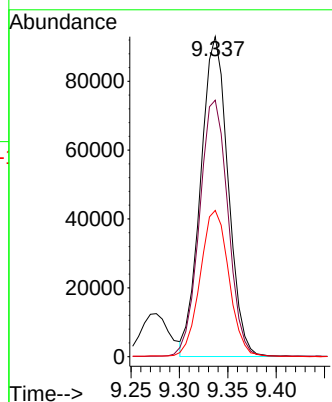
Tgt Ion: 83 Resp: 183886

Ion Ratio Lower Upper

83 100

55 82.8 65.7 98.5

98 47.9 38.6 58.0



#37

1,2-Dichloropropane

Concen: 22.621 ug/L

RT: 9.368 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VW028486.D

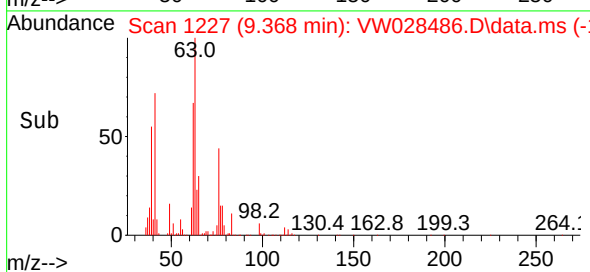
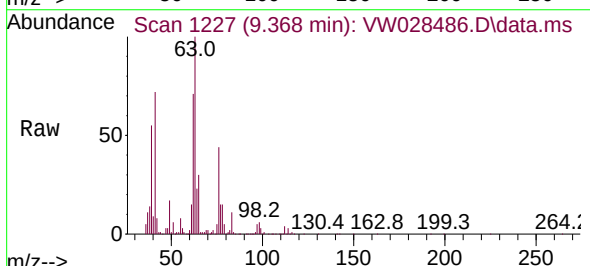
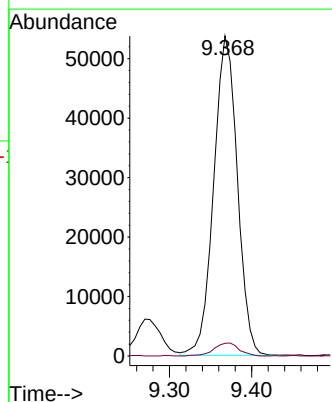
Acq: 19 Apr 2024 09:17

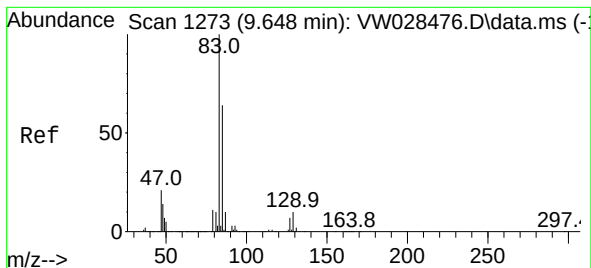
Tgt Ion: 63 Resp: 107295

Ion Ratio Lower Upper

63 100

112 4.3 3.6 5.4





#38

Bromodichloromethane

Concen: 22.022 ug/L

RT: 9.642 min Scan# 1273

Delta R.T. -0.000 min

Lab File: VW028486.D

Acq: 19 Apr 2024 09:17

Instrument :

MSVOA_W

ClientSampleId :

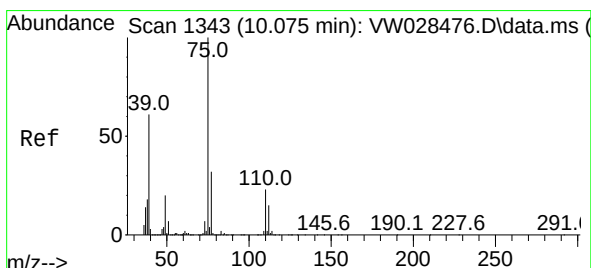
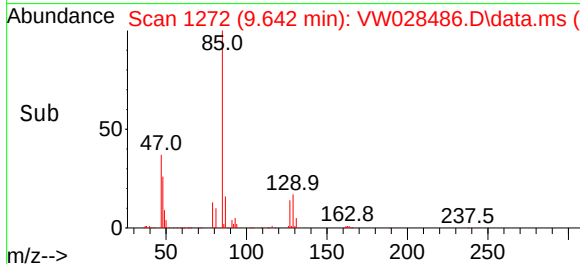
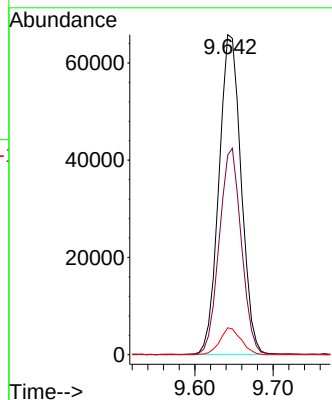
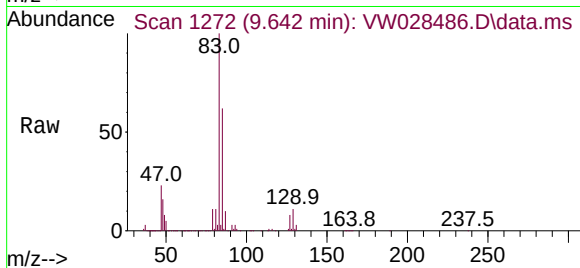
Tgt Ion: 83 Resp: 129470

Ion Ratio Lower Upper

83 100

85 62.4 43.1 80.1

127 8.4 6.4 9.6



#39

cis-1,3-Dichloropropene

Concen: 22.379 ug/L

RT: 10.075 min Scan# 1343

Delta R.T. -0.000 min

Lab File: VW028486.D

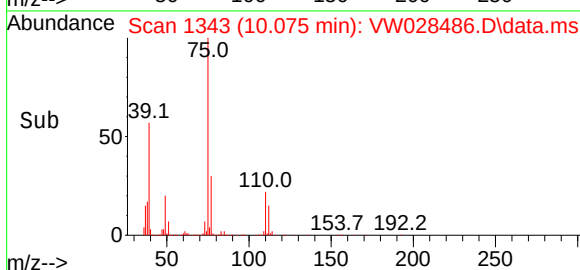
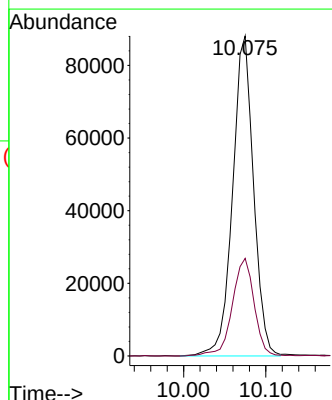
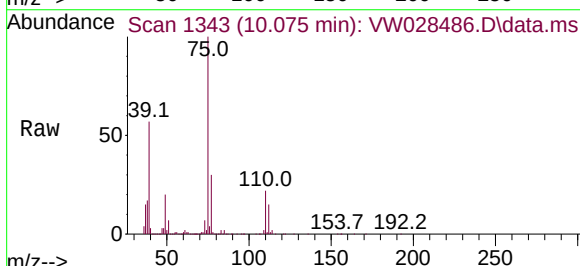
Acq: 19 Apr 2024 09:17

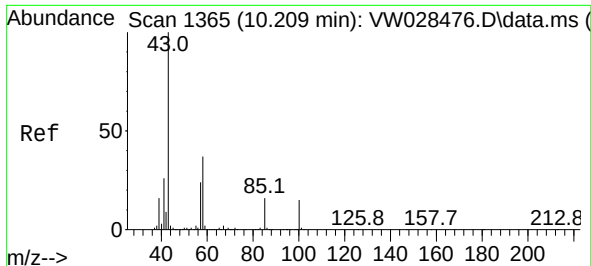
Tgt Ion: 75 Resp: 155656

Ion Ratio Lower Upper

75 100

77 30.5 21.3 39.5





#40

4-Methyl-2-pentanone

Concen: 45.431 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW028486.D

Acq: 19 Apr 2024 09:17

Instrument :

MSVOA_W

ClientSampleId :

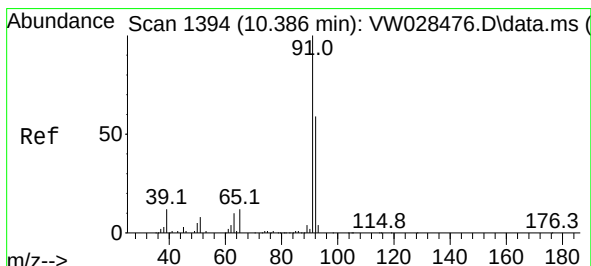
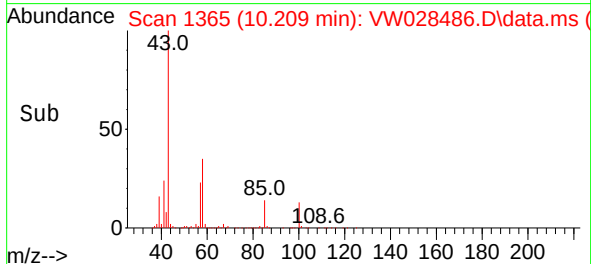
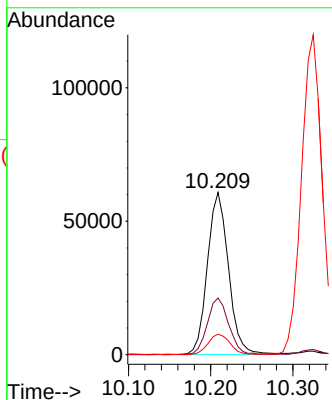
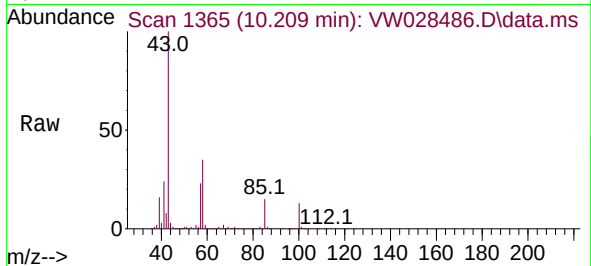
Tgt Ion: 43 Resp: 107871

Ion Ratio Lower Upper

43 100

58 35.6 28.6 43.0

100 13.4 10.6 16.0



#42

Toluene

Concen: 22.823 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. -0.000 min

Lab File: VW028486.D

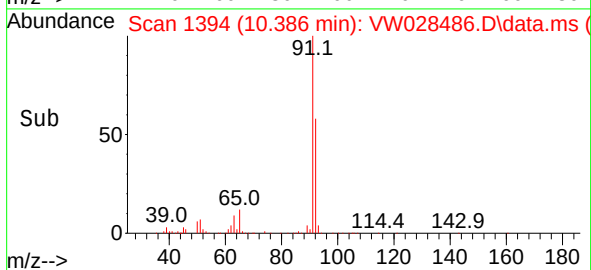
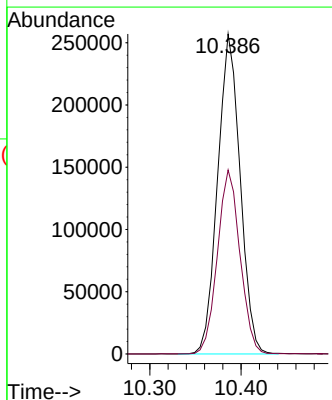
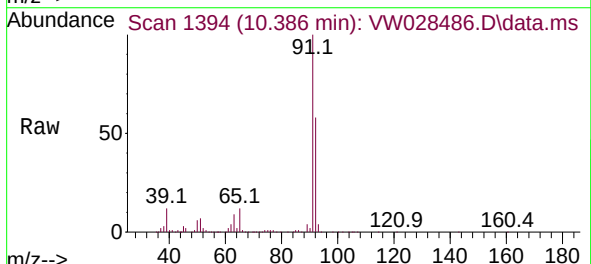
Acq: 19 Apr 2024 09:17

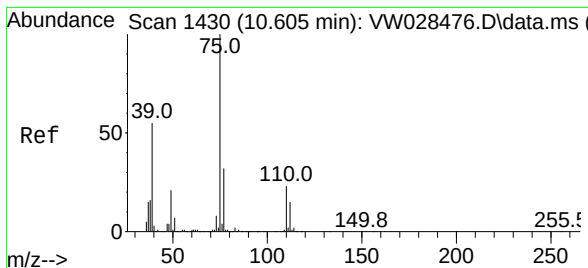
Tgt Ion: 91 Resp: 440007

Ion Ratio Lower Upper

91 100

92 57.5 41.1 76.3





#44

trans-1,3-Dichloropropene

Concen: 22.136 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW028486.D

Acq: 19 Apr 2024 09:17

Instrument :

MSVOA_W

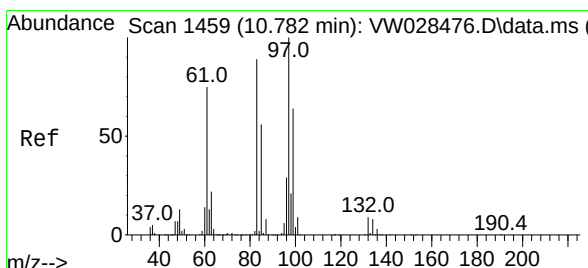
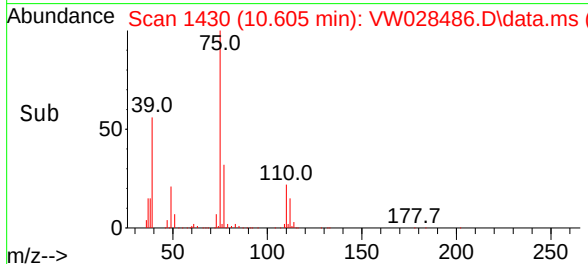
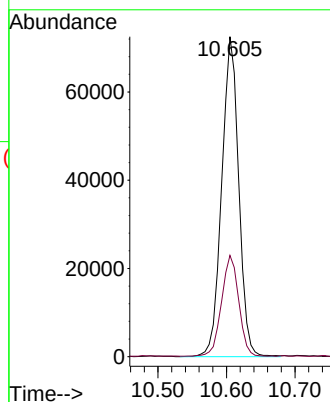
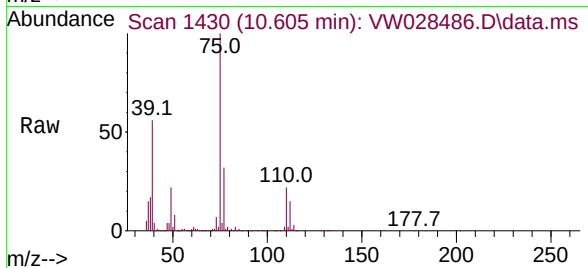
ClientSampleId :

Tgt Ion: 75 Resp: 124559

Ion Ratio Lower Upper

75 100

77 31.7 22.6 42.0



#45

1,1,2-Trichloroethane

Concen: 21.943 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. -0.000 min

Lab File: VW028486.D

Acq: 19 Apr 2024 09:17

Tgt Ion: 97 Resp: 70414

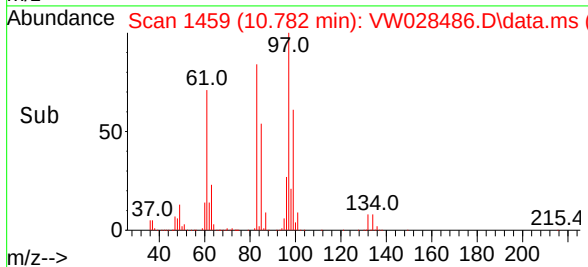
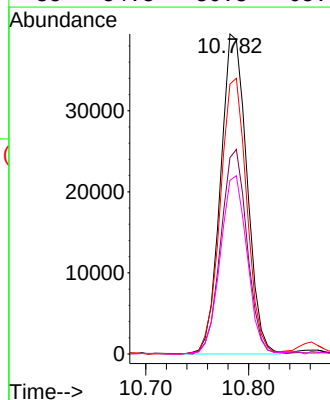
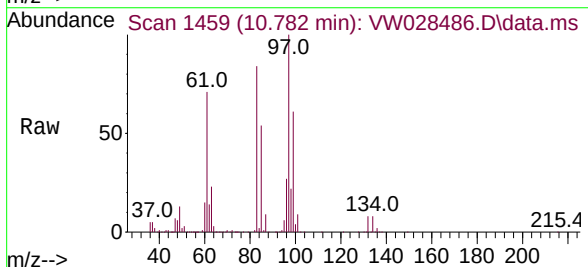
Ion Ratio Lower Upper

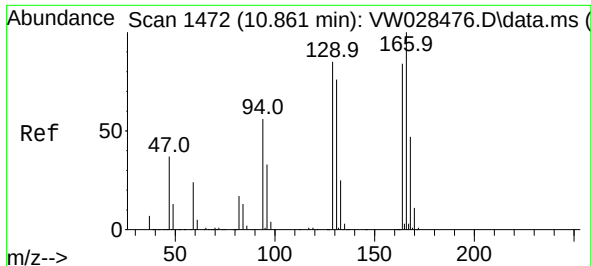
97 100

99 61.3 44.2 82.2

83 84.4 56.4 104.7

85 54.3 36.8 68.3





#46

Tetrachloroethene

Concen: 21.206 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

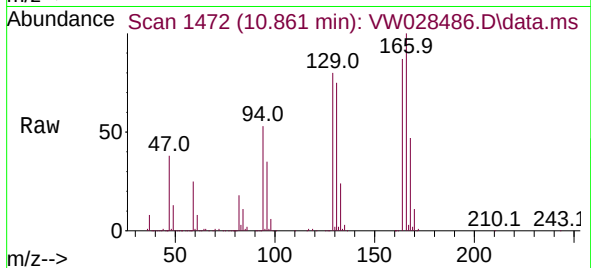
Lab File: VW028486.D

Acq: 19 Apr 2024 09:17

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:164 Resp: 78118

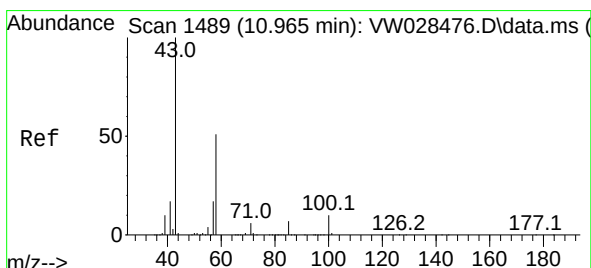
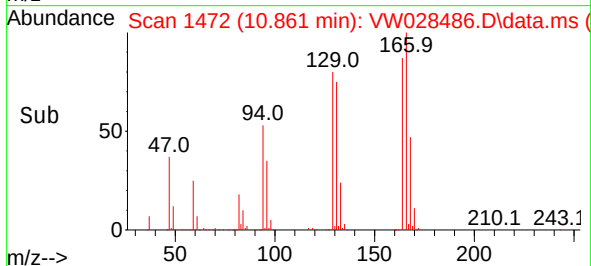
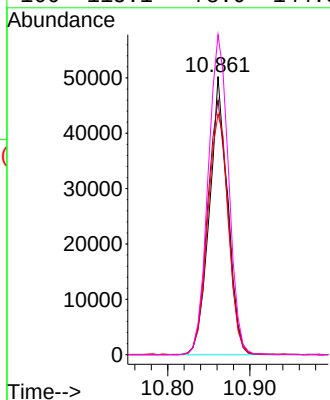
Ion Ratio Lower Upper

164 100

129 91.5 59.7 110.9

131 86.5 58.2 108.2

166 115.1 78.0 144.8



#48

2-Hexanone

Concen: 43.772 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. -0.000 min

Lab File: VW028486.D

Acq: 19 Apr 2024 09:17

Tgt Ion: 43 Resp: 82498

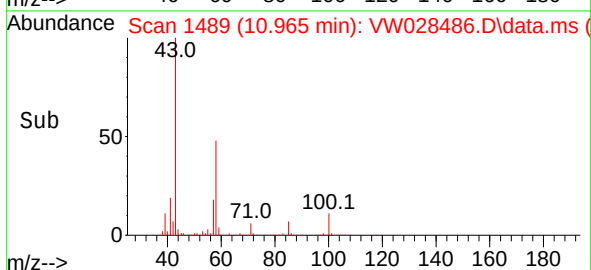
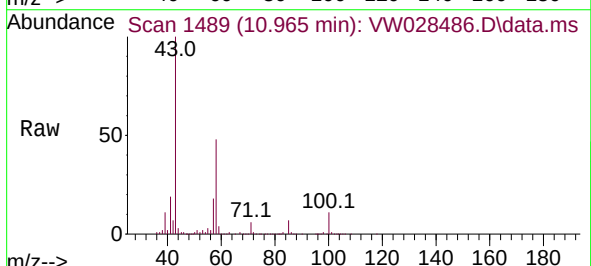
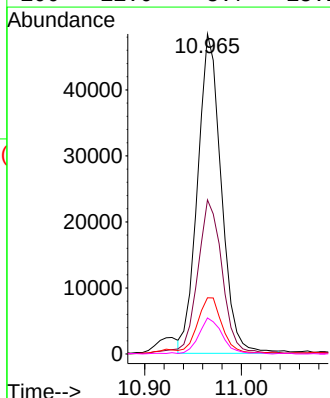
Ion Ratio Lower Upper

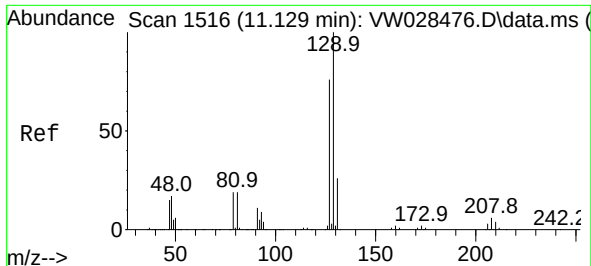
43 100

58 50.5 38.9 58.3

57 18.2 14.4 21.6

100 11.0 8.7 13.1





#49

Dibromochloromethane

Concen: 22.826 ug/L

RT: 11.129 min Scan# 1516

Delta R.T. -0.000 min

Lab File: VW028486.D

Acq: 19 Apr 2024 09:17

Instrument :

MSVOA_W

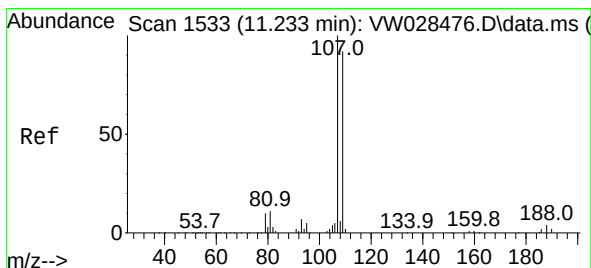
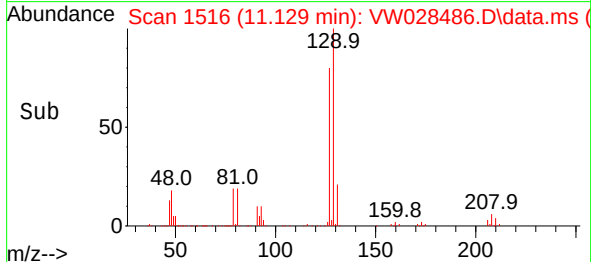
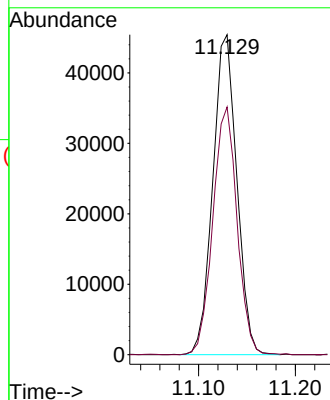
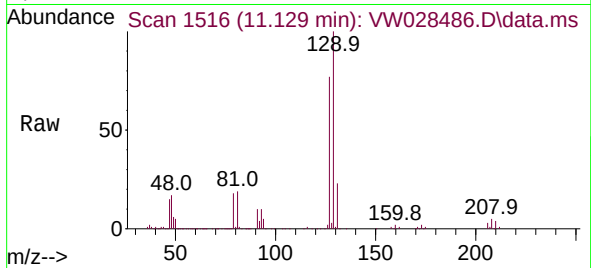
ClientSampleId :

Tgt Ion:129 Resp: 78287

Ion Ratio Lower Upper

129 100

127 77.4 53.0 98.4



#50

1,2-Dibromoethane

Concen: 21.672 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VW028486.D

Acq: 19 Apr 2024 09:17

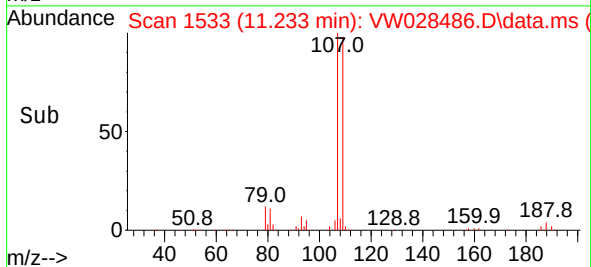
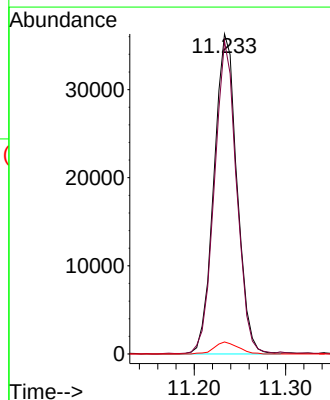
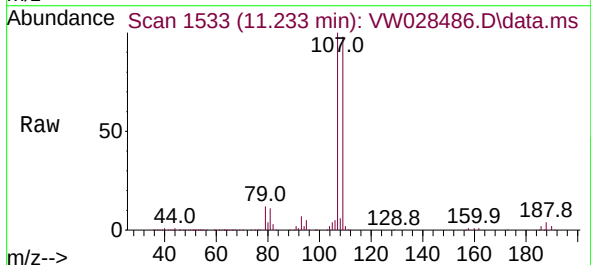
Tgt Ion:107 Resp: 63473

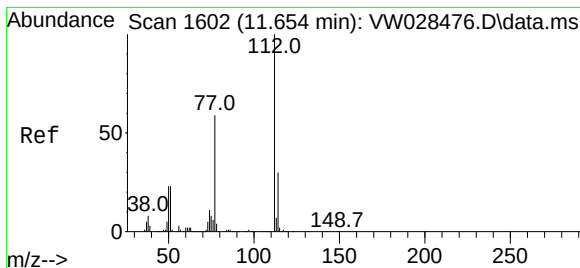
Ion Ratio Lower Upper

107 100

109 97.8 62.1 115.3

188 3.8 3.2 4.8





#51

Chlorobenzene

Concen: 22.180 ug/L

RT: 11.654 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW028486.D

Acq: 19 Apr 2024 09:17

Instrument :

MSVOA_W

ClientSampleId :

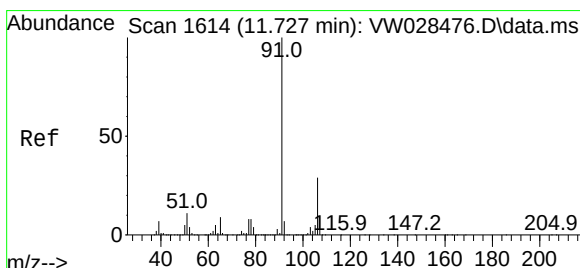
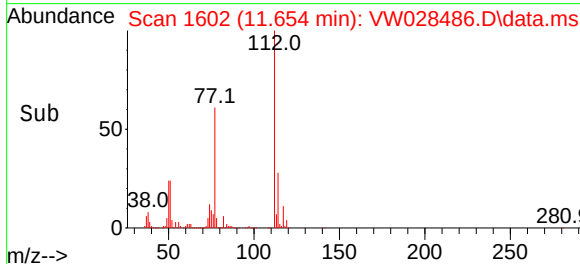
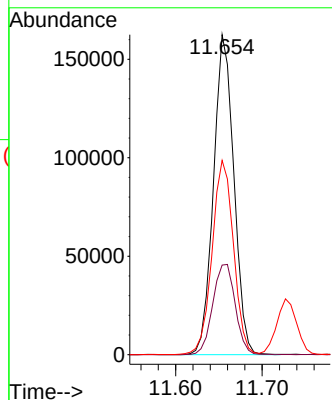
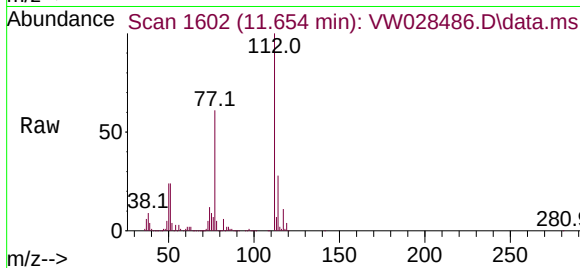
Tgt Ion:112 Resp: 265793

Ion Ratio Lower Upper

112 100

114 28.0 22.3 41.3

77 60.7 51.8 77.8



#52

Ethylbenzene

Concen: 22.957 ug/L

RT: 11.727 min Scan# 1614

Delta R.T. -0.000 min

Lab File: VW028486.D

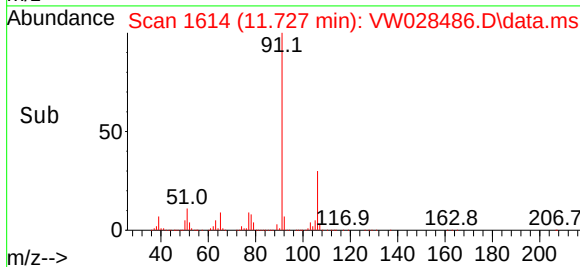
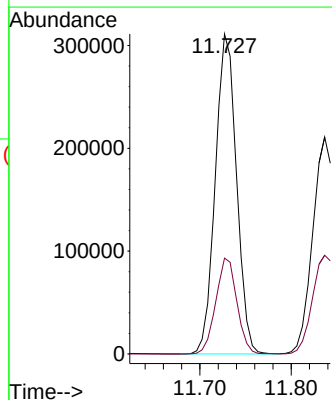
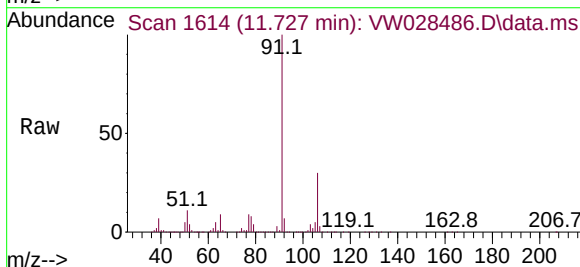
Acq: 19 Apr 2024 09:17

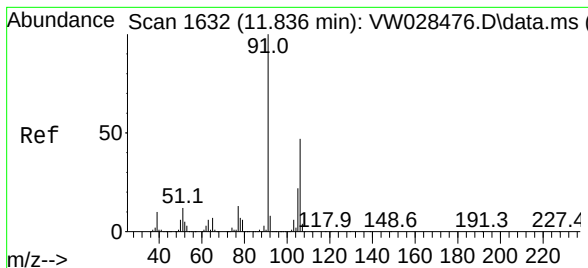
Tgt Ion: 91 Resp: 501713

Ion Ratio Lower Upper

91 100

106 30.0 21.2 39.4

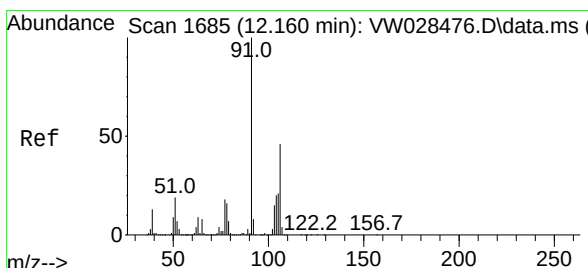
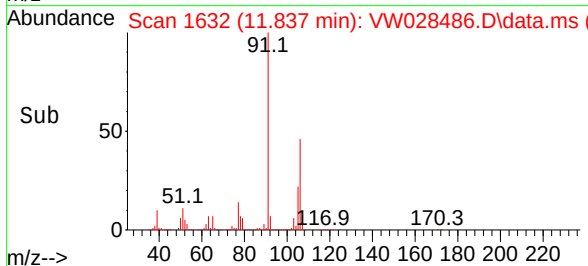
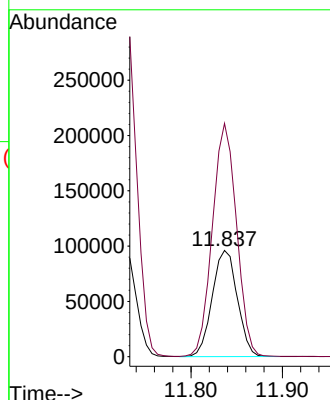
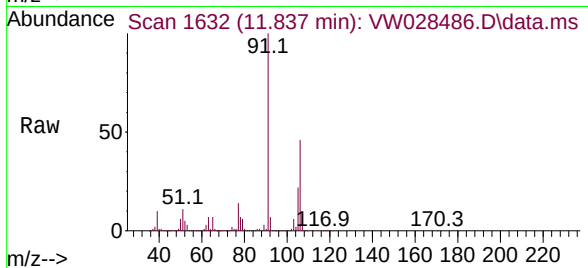




#53
m,p-Xylene
Concen: 22.482 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW028486.D
Acq: 19 Apr 2024 09:17

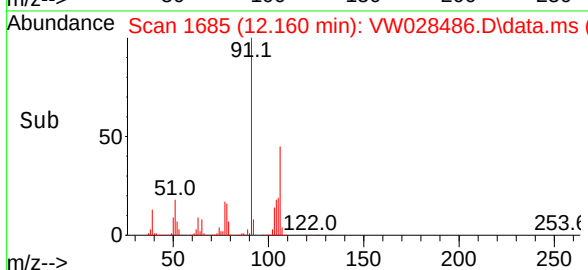
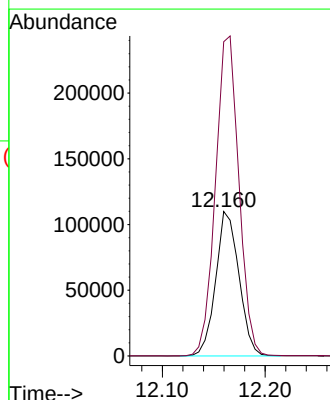
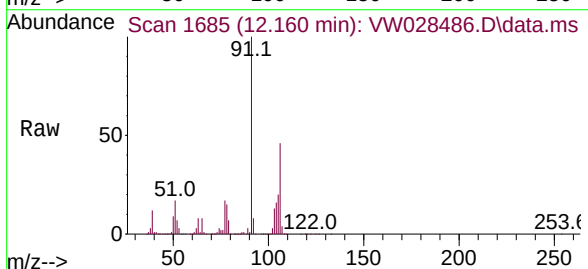
Instrument :
MSVOA_W
ClientSampleId :

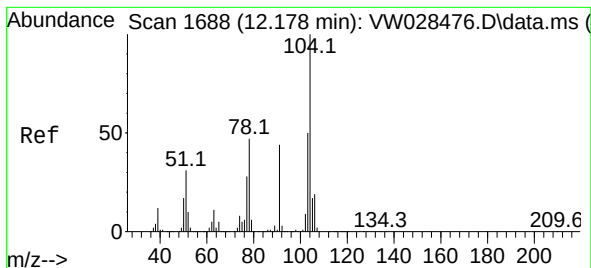
Tgt Ion:106 Resp: 182713
Ion Ratio Lower Upper
106 100
91 219.6 152.4 283.0



#54
o-Xylene
Concen: 22.729 ug/L
RT: 12.160 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW028486.D
Acq: 19 Apr 2024 09:17

Tgt Ion:106 Resp: 171996
Ion Ratio Lower Upper
106 100
91 217.6 152.9 283.9





#55

Styrene

Concen: 23.259 ug/L

RT: 12.178 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW028486.D

Acq: 19 Apr 2024 09:17

Instrument :

MSVOA_W

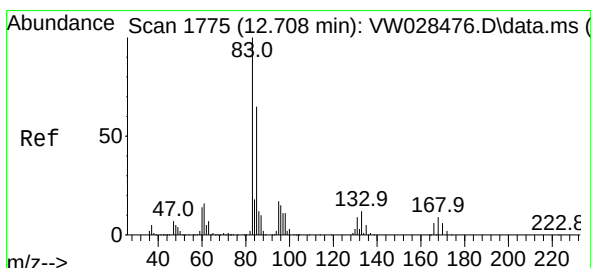
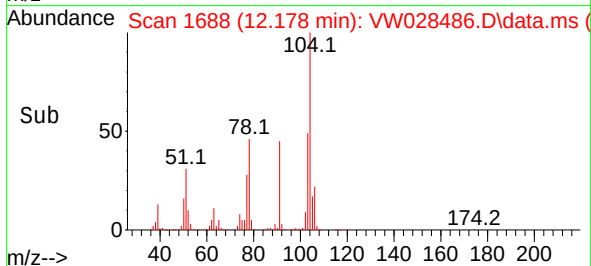
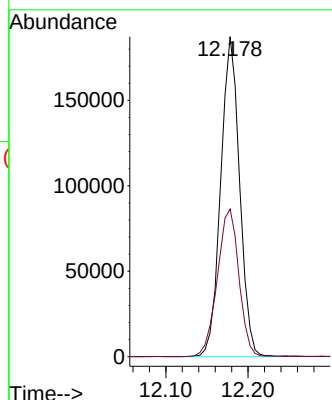
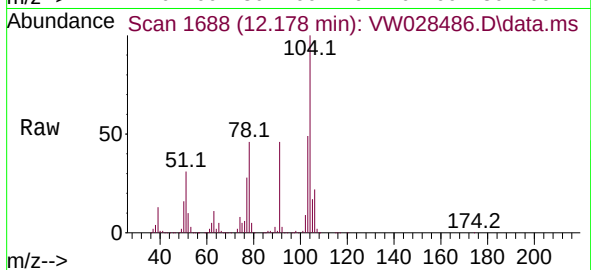
ClientSampleId :

Tgt Ion:104 Resp: 299557

Ion Ratio Lower Upper

104 100

78 46.2 33.8 62.8



#57

1,1,2,2-Tetrachloroethane

Concen: 21.700 ug/L

RT: 12.714 min Scan# 1776

Delta R.T. 0.006 min

Lab File: VW028486.D

Acq: 19 Apr 2024 09:17

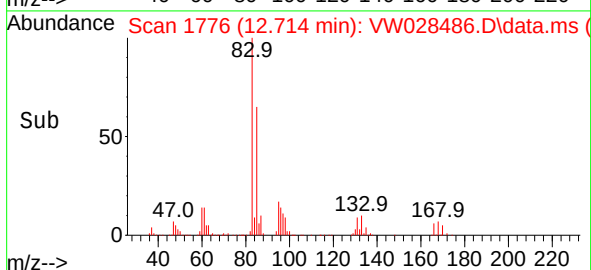
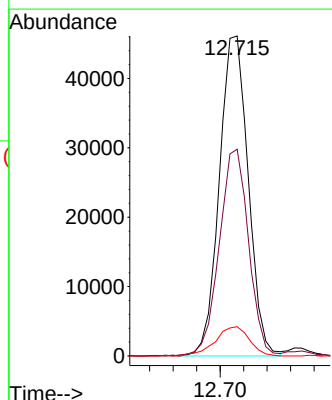
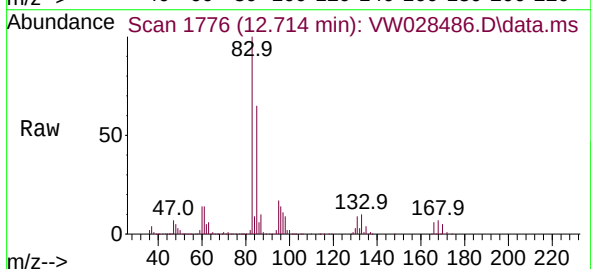
Tgt Ion: 83 Resp: 78805

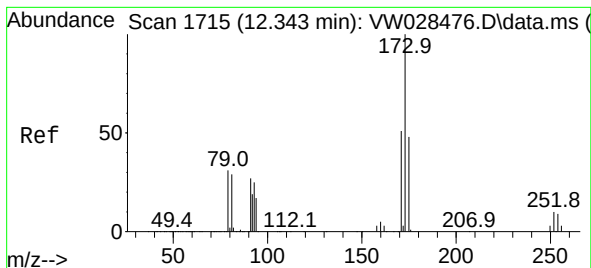
Ion Ratio Lower Upper

83 100

85 64.6 43.4 80.6

131 9.1 8.0 12.0





#59

Bromoform

Concen: 21.667 ug/L

RT: 12.349 min Scan# 1

Delta R.T. -0.000 min

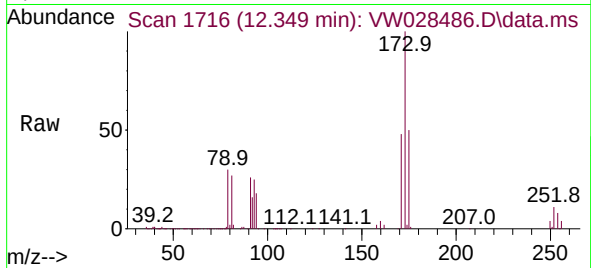
Lab File: VW028486.D

Acq: 19 Apr 2024 09:17

Instrument :

MSVOA_W

ClientSampleId :



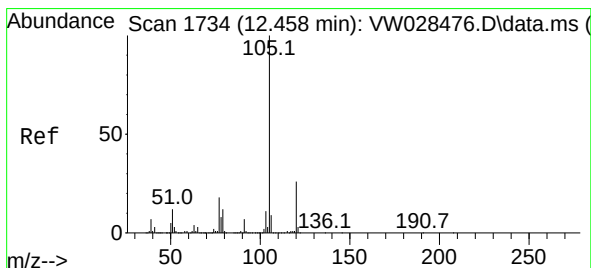
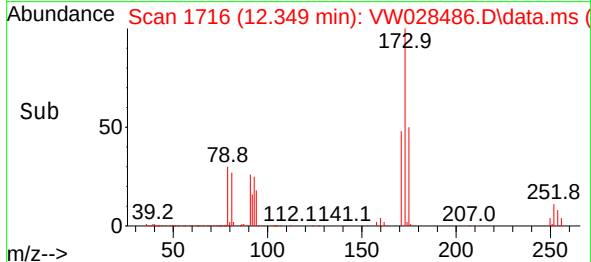
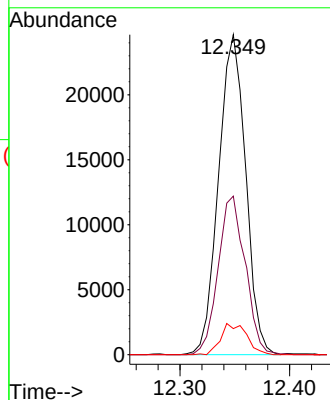
Tgt Ion:173 Resp: 42255

Ion Ratio Lower Upper

173 100

175 49.7 39.2 58.8

254 9.3 8.3 12.5



#60

Isopropylbenzene

Concen: 22.300 ug/L

RT: 12.458 min Scan# 1734

Delta R.T. -0.000 min

Lab File: VW028486.D

Acq: 19 Apr 2024 09:17

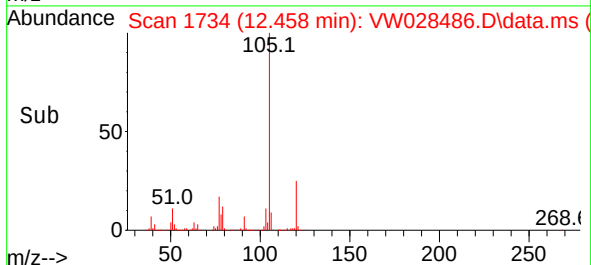
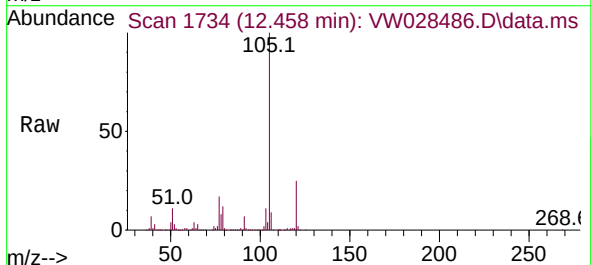
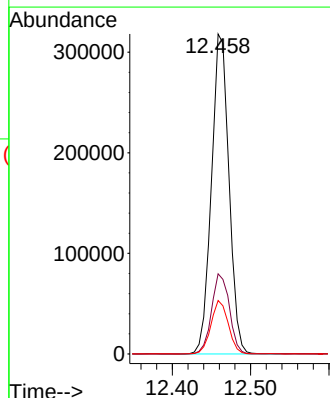
Tgt Ion:105 Resp: 493920

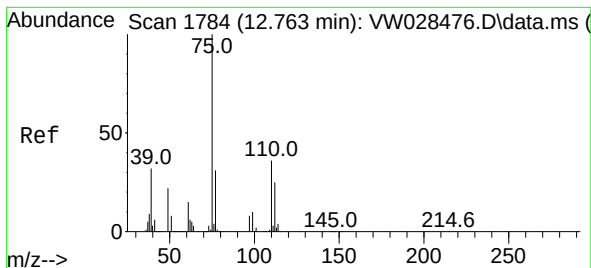
Ion Ratio Lower Upper

105 100

120 25.5 20.8 31.2

77 16.5 13.4 20.2

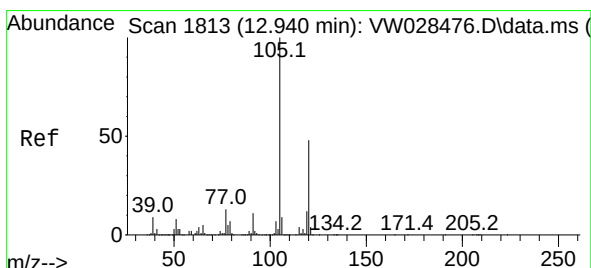
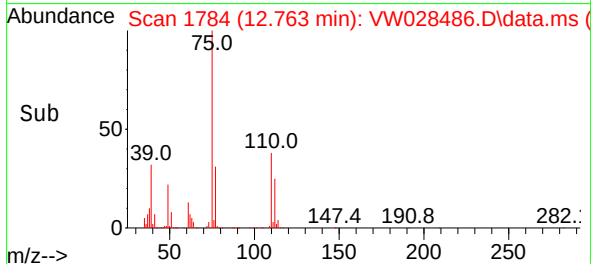
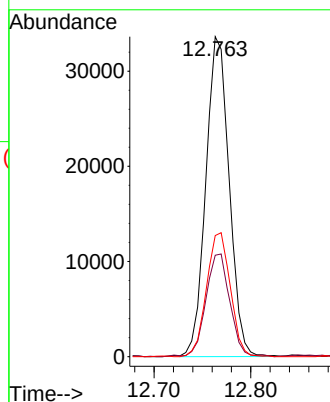
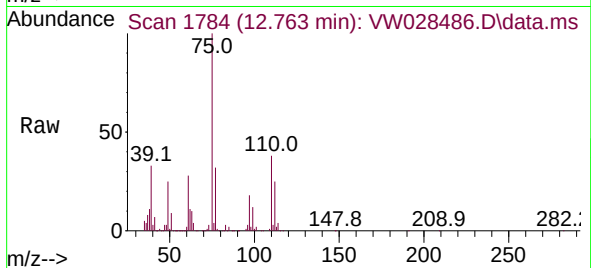




#61
1,2,3-Trichloropropane
Concen: 20.907 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW028486.D
Acq: 19 Apr 2024 09:17

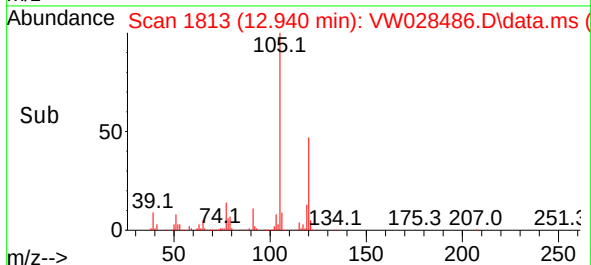
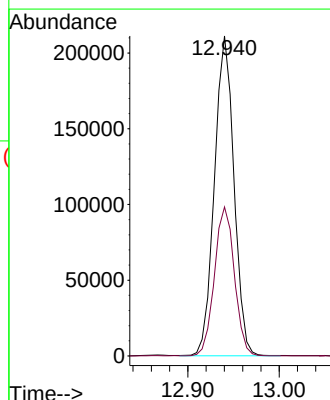
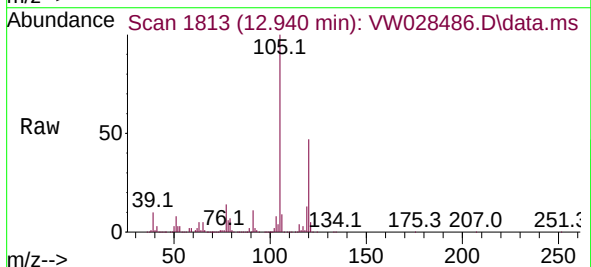
Instrument :
MSVOA_W
ClientSampleId :

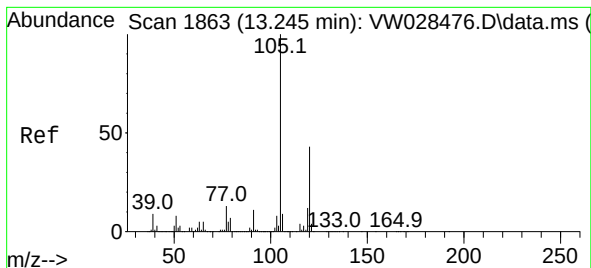
Tgt Ion: 75 Resp: 56471
Ion Ratio Lower Upper
75 100
77 31.9 26.1 39.1
110 39.5 30.6 46.0



#62
1,3,5-Trimethylbenzene
Concen: 22.193 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW028486.D
Acq: 19 Apr 2024 09:17

Tgt Ion: 105 Resp: 313298
Ion Ratio Lower Upper
105 100
120 47.7 37.5 56.3





#63

1,2,4-Trimethylbenzene

Concen: 22.913 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. -0.000 min

Lab File: VW028486.D

Acq: 19 Apr 2024 09:17

Instrument :

MSVOA_W

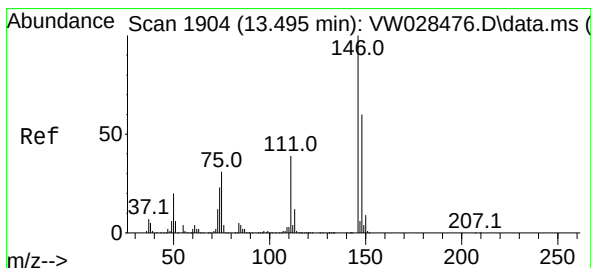
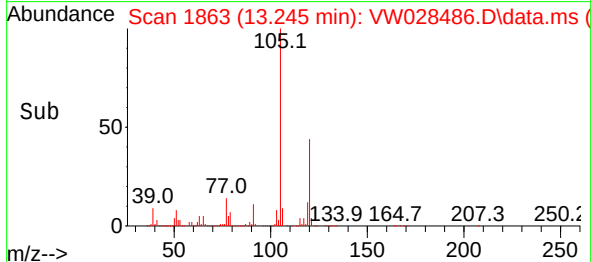
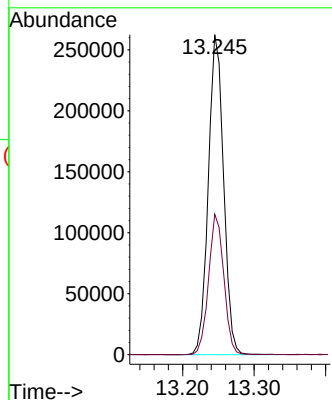
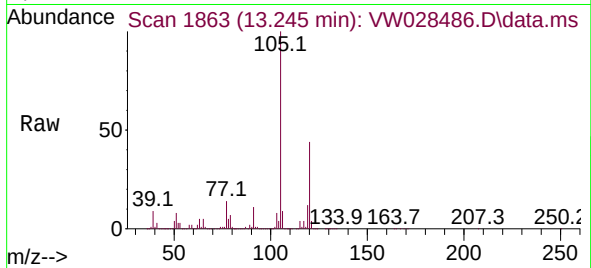
ClientSampleId :

Tgt Ion:105 Resp: 389271

Ion Ratio Lower Upper

105 100

120 43.6 35.4 53.0



#64

1,3-Dichlorobenzene

Concen: 21.593 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW028486.D

Acq: 19 Apr 2024 09:17

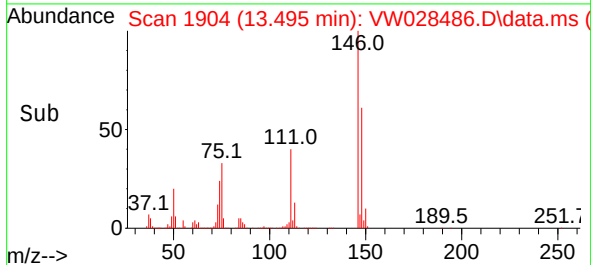
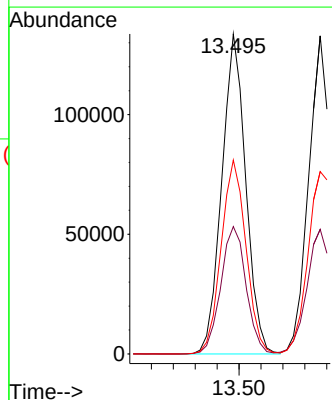
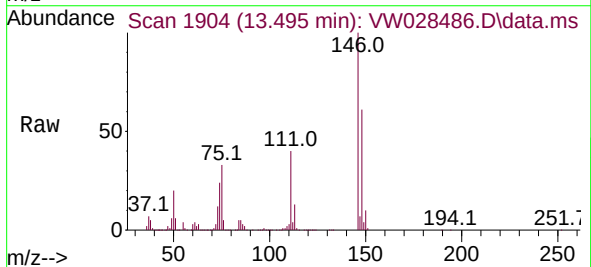
Tgt Ion:146 Resp: 202929

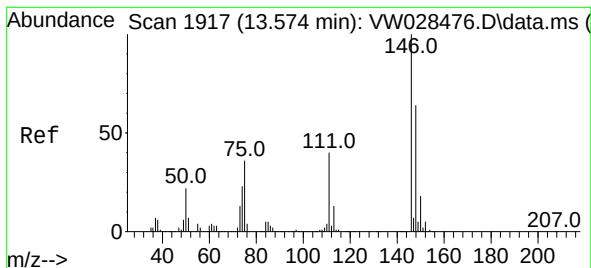
Ion Ratio Lower Upper

146 100

111 39.8 29.8 55.3

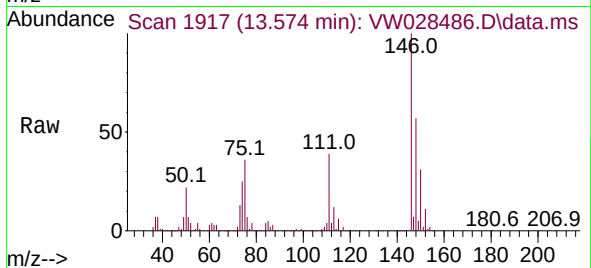
148 60.6 47.3 87.8



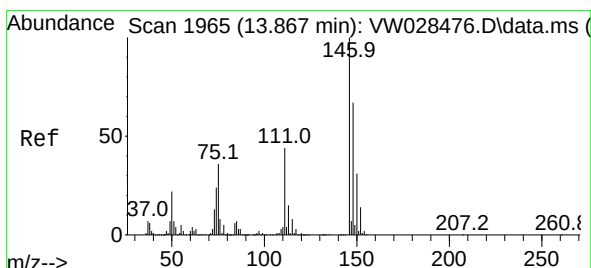
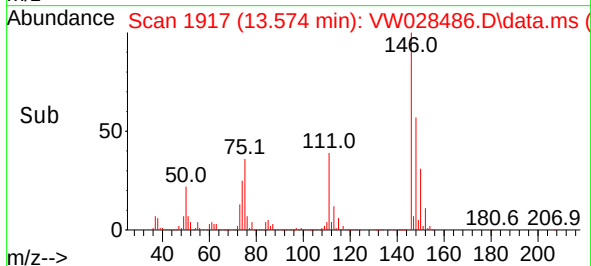
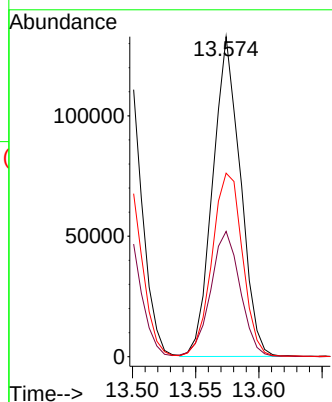


#65
1,4-Dichlorobenzene
Concen: 21.144 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW028486.D
Acq: 19 Apr 2024 09:17

Instrument :
MSVOA_W
ClientSampleId :

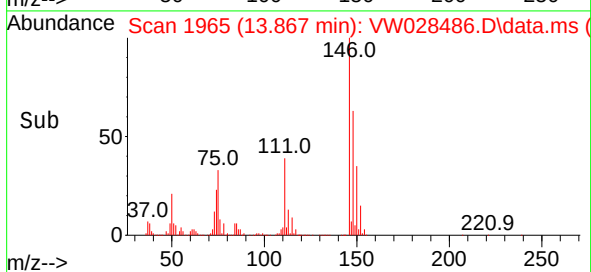
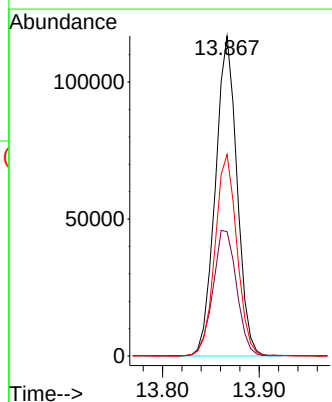
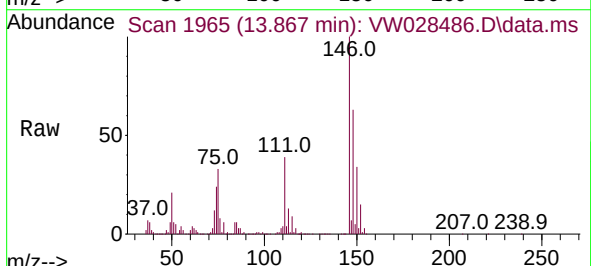


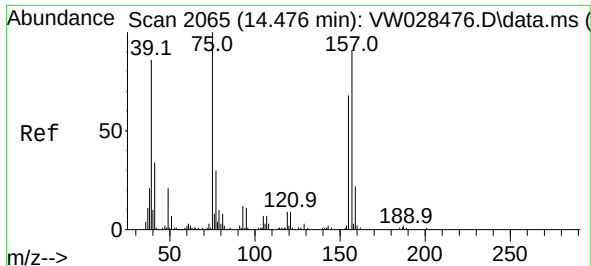
Tgt Ion:146 Resp: 202135
Ion Ratio Lower Upper
146 100
111 39.2 30.3 56.3
148 57.4 47.3 87.8



#67
1,2-Dichlorobenzene
Concen: 21.977 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. -0.000 min
Lab File: VW028486.D
Acq: 19 Apr 2024 09:17

Tgt Ion:146 Resp: 181678
Ion Ratio Lower Upper
146 100
111 38.8 31.4 47.2
148 62.9 46.4 69.6





#68

1,2-Dibromo-3-chloropropane

Concen: 19.284 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.000 min

Lab File: VW028486.D

Acq: 19 Apr 2024 09:17

Instrument :

MSVOA_W

ClientSampleId :

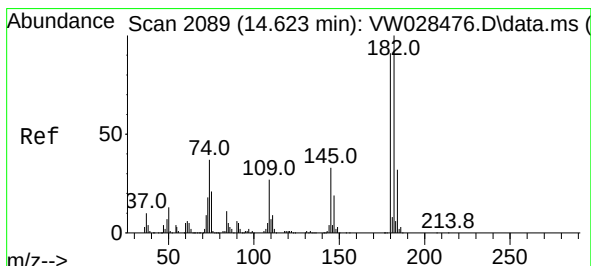
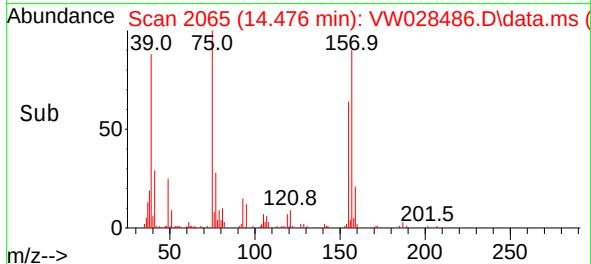
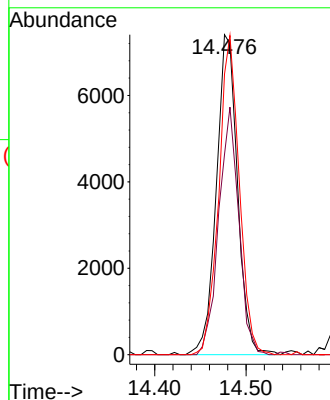
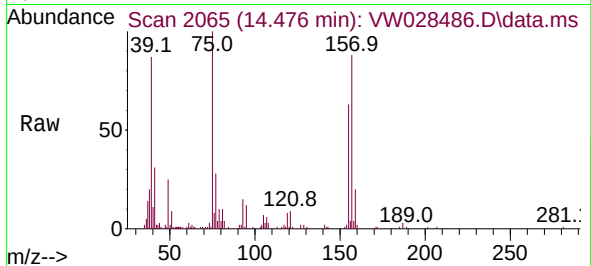
Tgt Ion: 75 Resp: 11936

Ion Ratio Lower Upper

75 100

155 62.6 61.2 91.8

157 87.7 73.3 109.9



#69

1,3,5-Trichlorobenzene

Concen: 22.022 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

Lab File: VW028486.D

Acq: 19 Apr 2024 09:17

Tgt Ion:180 Resp: 142417

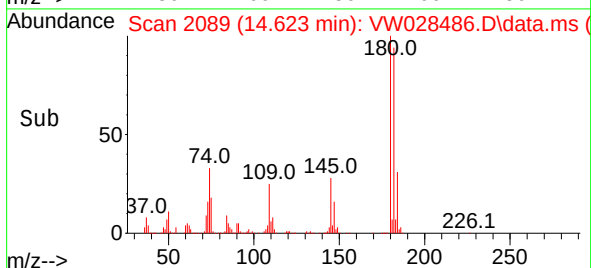
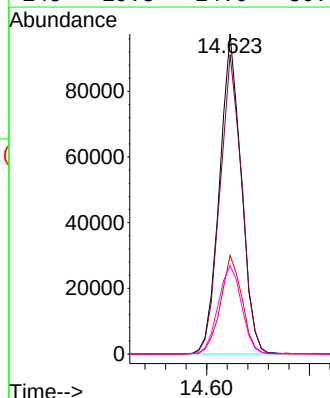
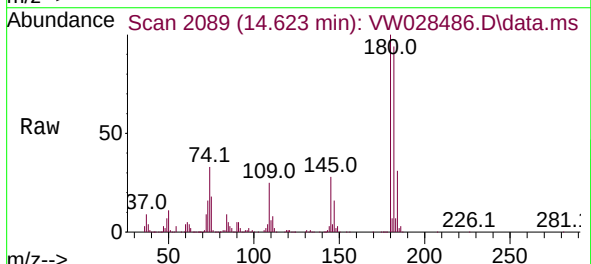
Ion Ratio Lower Upper

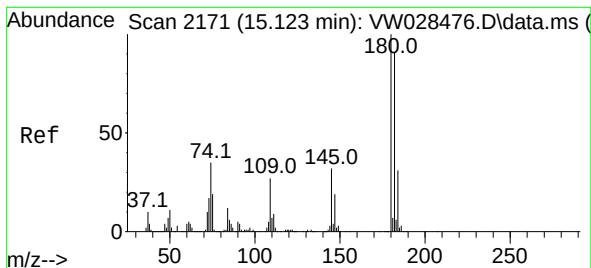
180 100

182 94.9 77.4 116.0

184 30.4 24.8 37.2

145 29.8 24.6 36.8





#70

1,2,4-trichlorobenzene

Concen: 21.477 ug/L

RT: 15.129 min Scan# 21

Delta R.T. 0.006 min

Lab File: VW028486.D

Acq: 19 Apr 2024 09:17

Instrument :

MSVOA_W

ClientSampleId :

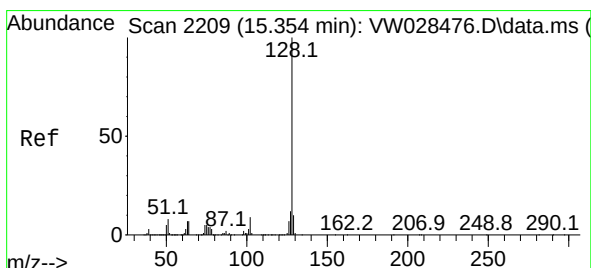
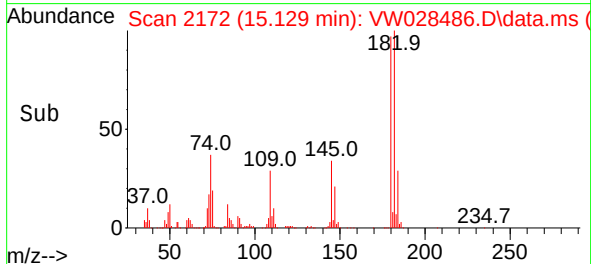
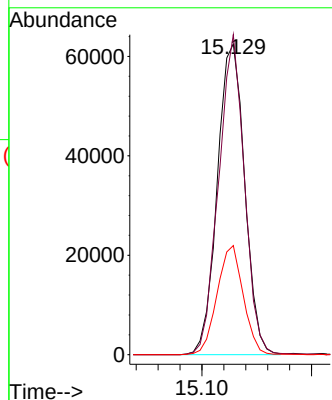
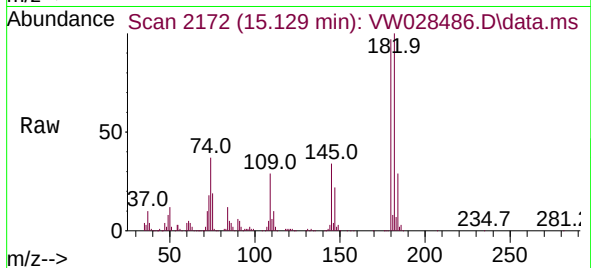
Tgt Ion:180 Resp: 108462

Ion Ratio Lower Upper

180 100

182 96.8 71.5 107.3

145 33.5 23.5 35.3



#71

Naphthalene

Concen: 22.019 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. -0.000 min

Lab File: VW028486.D

Acq: 19 Apr 2024 09:17

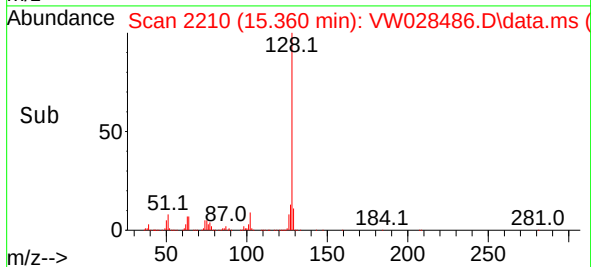
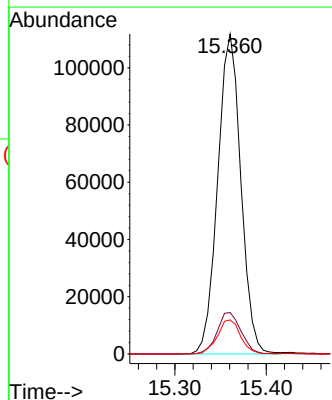
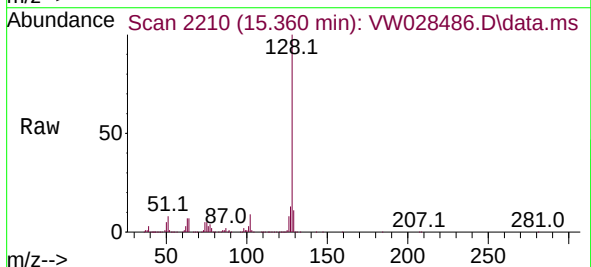
Tgt Ion:128 Resp: 196803

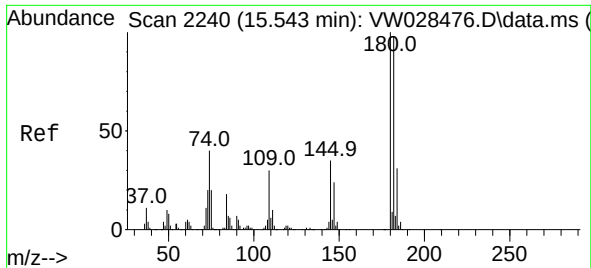
Ion Ratio Lower Upper

128 100

127 13.4 10.7 16.1

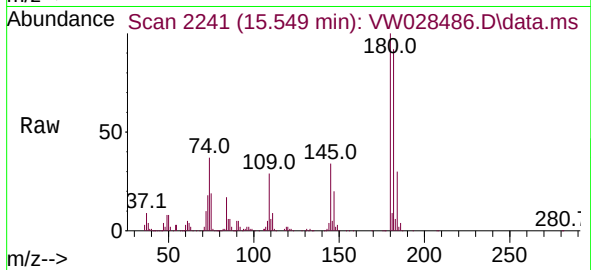
129 10.7 8.5 12.7





#72
 1,2,3-Trichlorobenzene
 Concen: 21.937 ug/L
 RT: 15.549 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VW028486.D
 Acq: 19 Apr 2024 09:17

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion:180 Resp: 98308
 Ion Ratio Lower Upper
 180 100
 182 94.1 75.7 113.5
 145 33.7 26.2 39.4

