

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050124\
 Data File : VW028557.D
 Acq On : 01 May 2024 11:25
 Operator : SY/MD
 Sample : P2321-03MSDRE
 Misc : 5.74g/10mL/MSVOA_W/SOIL/B
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: May 02 02:20:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu May 02 02:18:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	409257	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	307237	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	95582	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	110688	16.870	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.480%
7) Chloroethane-d5	2.899	69	107704	21.659	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.640%
11) 1,1-Dichloroethene-d2	4.021	65	53345	19.200	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	76.800%
21) 2-Butanone-d5	7.075	46	58968	48.030	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.060%
24) Chloroform-d	7.654	84	267384	25.038	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.160%
26) 1,2-Dichloroethane-d4	8.307	65	137626	24.798	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.200%
32) Benzene-d6	8.276	84	473269	28.197	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	112.800%
36) 1,2-Dichloropropane-d6	9.276	67	150767	30.220	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	120.880%#
41) Toluene-d8	10.325	98	388763	25.472	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.880%
43) trans-1,3-Dichloroprop...	10.574	79	45908	23.142	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.560%
47) 2-Hexanone-d5	10.922	63	38743	56.062	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.120%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	98504	27.984	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	111.920%
66) 1,2-Dichlorobenzene-d4	13.848	152	72382	23.945	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.800%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	131624	23.912	ug/L	100
3) Chloromethane	2.228	50	169214	26.183	ug/L	96
5) Vinyl chloride	2.375	62	178364	23.175	ug/L	100
6) Bromomethane	2.789	94	102094	21.232	ug/L	95
8) Chloroethane	2.936	64	116509	25.112	ug/L	99
9) Trichlorofluoromethane	3.271	101	184020	29.972	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	135440	23.448	ug/L	94
12) 1,1-Dichloroethene	4.051	96	131670	24.277	ug/L	81
13) Acetone	4.124	43	142199	94.328	ug/L	97
14) Carbon disulfide	4.393	76	315456	17.667	ug/L	99
15) Methyl Acetate	4.673	43	52575	21.675	ug/L	99
16) Methylene chloride	4.923	84	148739	24.018	ug/L	99
17) trans-1,2-Dichloroethene	5.429	96	130173	22.785	ug/L	97
18) Methyl tert-butyl Ether	5.429	73	222883	27.734	ug/L	97
19) 1,1-Dichloroethane	6.222	63	297107	26.692	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	147967	24.403	ug/L	97
22) 2-Butanone	7.173	43	113012	61.773	ug/L	95
23) Bromochloromethane	7.520	128	65138	24.940	ug/L	91
25) Chloroform	7.679	83	289108	26.440	ug/L	96

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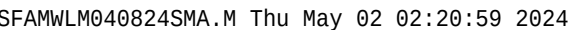
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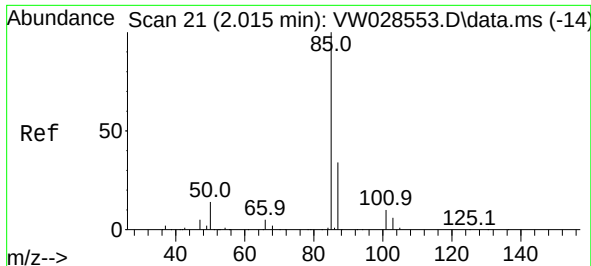
Quant Time: May 02 02:20:49 2024
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 Quant Title : SFAM01.0
 QLast Update : Thu May 02 02:18:04 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	188339	24.956	ug/L	100
29) Cyclohexane	7.959	56	210383	25.924	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	236122	31.689	ug/L	99
31) Carbon tetrachloride	8.075	117	190560	28.840	ug/L	96
33) Benzene	8.325	78	589420	30.684	ug/L	100
34) Trichloroethene	9.093	95	142334	27.341	ug/L	96
35) Methylcyclohexane	9.337	83	158944	17.892	ug/L	98
37) 1,2-Dichloropropane	9.367	63	155821	31.123	ug/L	99
38) Bromodichloromethane	9.642	83	173522	27.961	ug/L	97
39) cis-1,3-Dichloropropene	10.075	75	181784	24.759	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	177987	71.015	ug/L	99
42) Toluene	10.385	91	567640	27.893	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	149057	25.096	ug/L	100
45) 1,1,2-Trichloroethane	10.782	97	97324	28.733	ug/L	93
46) Tetrachloroethene	10.861	164	89192	22.937	ug/L	91
48) 2-Hexanone	10.965	43	141191	70.970	ug/L	96
49) Dibromochloromethane	11.123	129	88347	24.403	ug/L	99
50) 1,2-Dibromoethane	11.233	107	84048	27.186	ug/L	94
51) Chlorobenzene	11.654	112	309064	24.433	ug/L	97
52) Ethylbenzene	11.727	91	573024	24.840	ug/L	100
53) m,p-Xylene	11.836	106	203444	23.715	ug/L	99
54) o-Xylene	12.160	106	201682	25.249	ug/L	98
55) Styrene	12.178	104	299147	22.004	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	99648	25.995	ug/L	99
59) Bromoform	12.349	173	40492	32.094	ug/L	98
60) Isopropylbenzene	12.458	105	498055	34.758	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	76176	43.592	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	287304	31.457	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	350029	31.846	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	142691	23.468	ug/L	99
65) 1,4-Dichlorobenzene	13.574	146	146834	23.740	ug/L	99
67) 1,2-Dichlorobenzene	13.867	146	133413	24.945	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	13957	34.854	ug/L	91
69) 1,3,5-Trichlorobenzene	14.623	180	63548	15.189	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	44599	13.650	ug/L	94
71) Naphthalene	15.360	128	96650	16.714	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	35466	12.233	ug/L	96

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

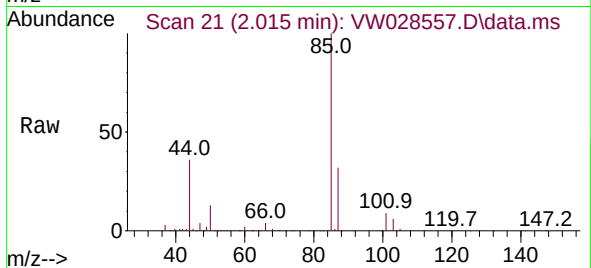
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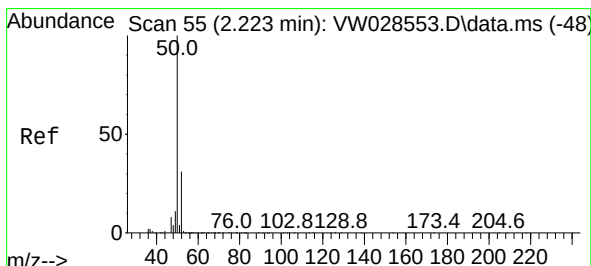
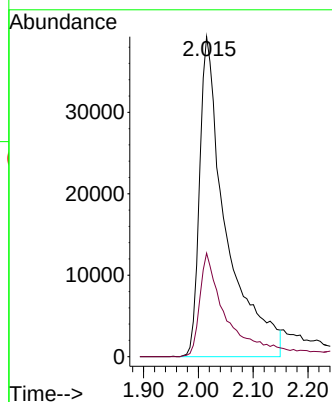
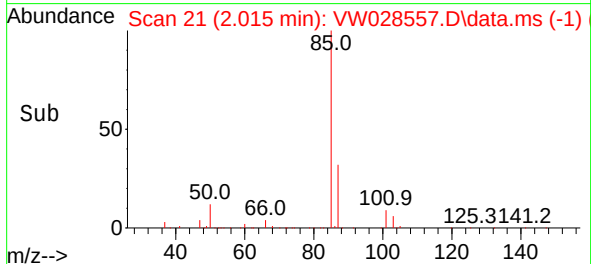


#2
Dichlorodifluoromethane
Concen: 23.912 ug/L
RT: 2.015 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW028557.D
Acq: 01 May 2024 11:25

Instrument :
MSVOA_W
ClientSampleId :

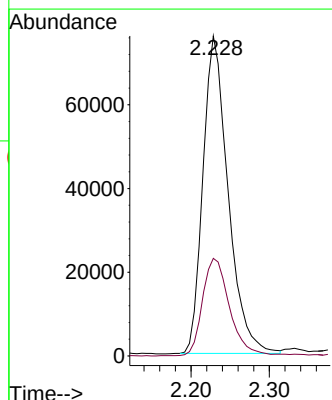
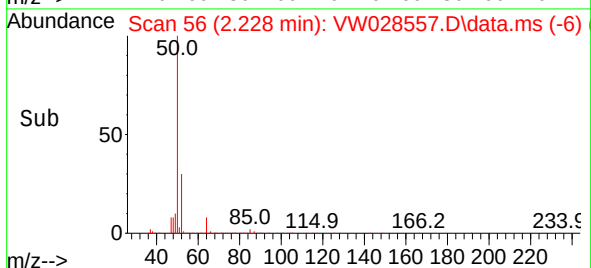
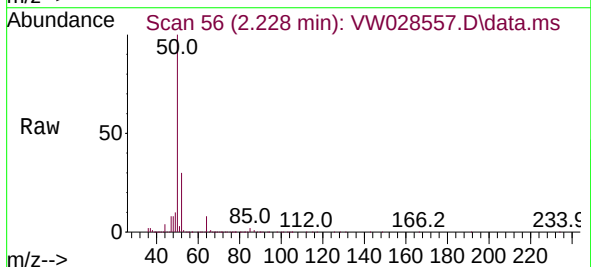


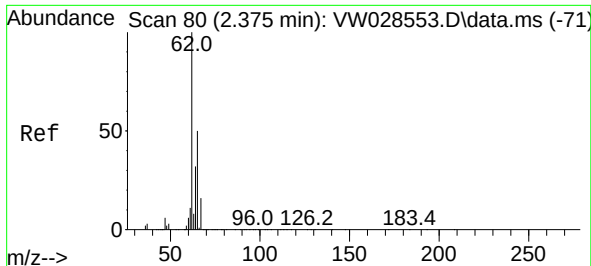
Tgt Ion: 85 Resp: 131624
Ion Ratio Lower Upper
85 100
87 29.3 23.4 35.0



#3
Chloromethane
Concen: 26.183 ug/L
RT: 2.228 min Scan# 56
Delta R.T. 0.006 min
Lab File: VW028557.D
Acq: 01 May 2024 11:25

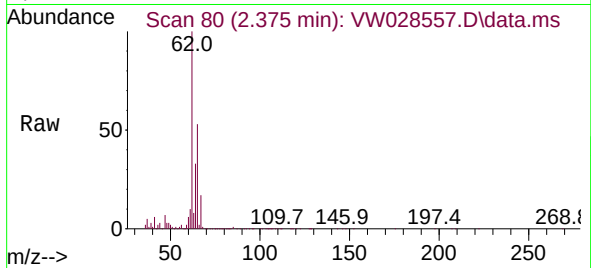
Tgt Ion: 50 Resp: 169214
Ion Ratio Lower Upper
50 100
52 30.5 23.0 42.6



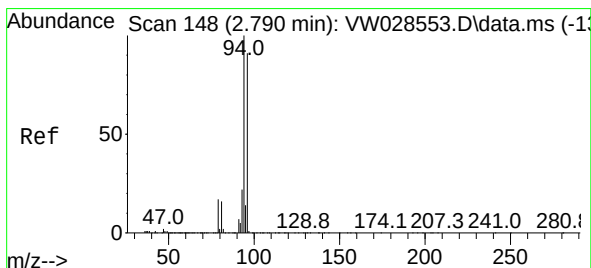
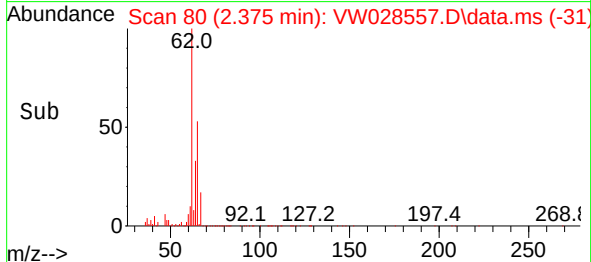
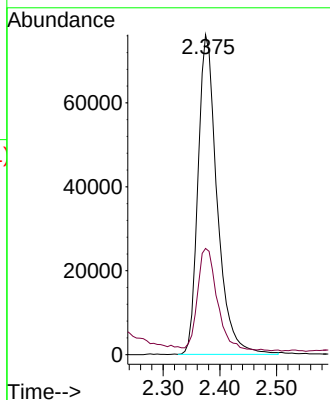


#5
 Vinyl chloride
 Concen: 23.175 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW028557.D
 Acq: 01 May 2024 11:25

Instrument :
 MSVOA_W
 ClientSampleId :

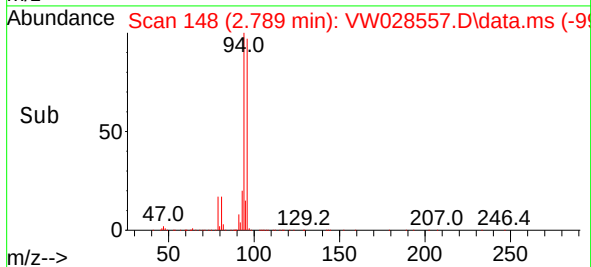
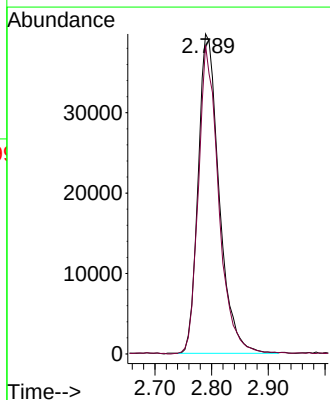
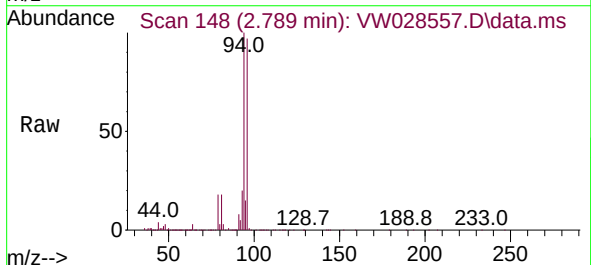


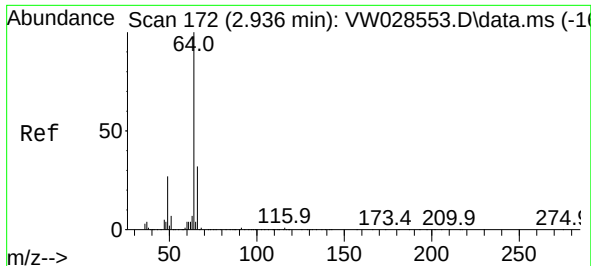
Tgt Ion: 62 Resp: 178364
 Ion Ratio Lower Upper
 62 100
 64 33.2 23.1 42.9



#6
 Bromomethane
 Concen: 21.232 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.000 min
 Lab File: VW028557.D
 Acq: 01 May 2024 11:25

Tgt Ion: 94 Resp: 102094
 Ion Ratio Lower Upper
 94 100
 96 96.5 64.3 119.5

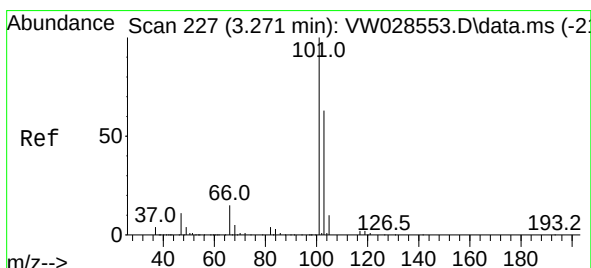
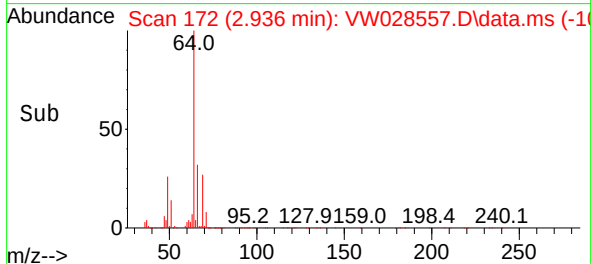
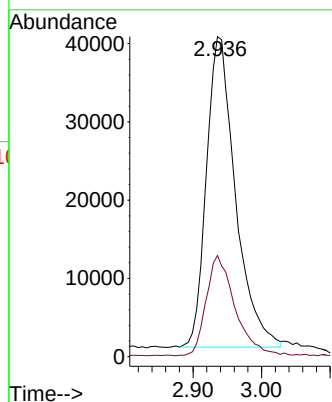
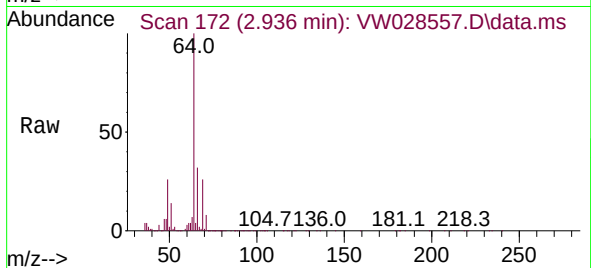




#8
Chloroethane
Concen: 25.112 ug/L
RT: 2.936 min Scan# 172
Delta R.T. -0.000 min
Lab File: VW028557.D
Acq: 01 May 2024 11:25

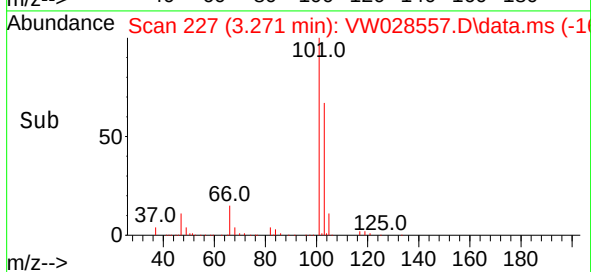
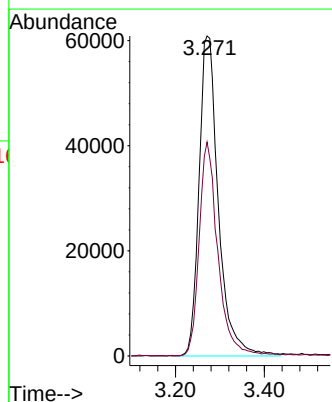
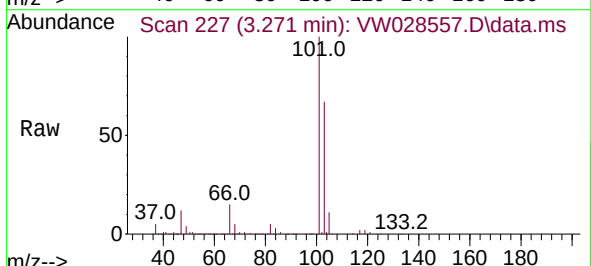
Instrument :
MSVOA_W
ClientSampleId :

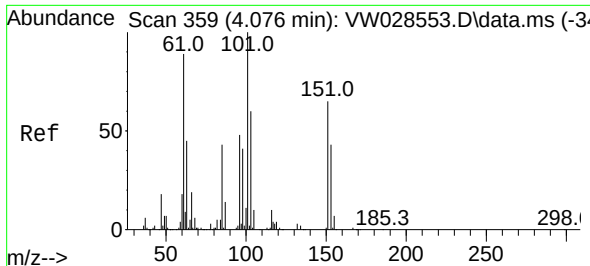
Tgt Ion: 64 Resp: 116509
Ion Ratio Lower Upper
64 100
66 31.6 21.7 40.3



#9
Trichlorofluoromethane
Concen: 29.972 ug/L
RT: 3.271 min Scan# 227
Delta R.T. -0.000 min
Lab File: VW028557.D
Acq: 01 May 2024 11:25

Tgt Ion:101 Resp: 184020
Ion Ratio Lower Upper
101 100
103 63.8 52.0 78.0





#10

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

Concen: 23.448 ug/L

RT: 4.076 min Scan# 359

Delta R.T. -0.000 min

Lab File: VW028557.D

Acq: 01 May 2024 11:25

Instrument :

MSVOA_W

ClientSampleId :

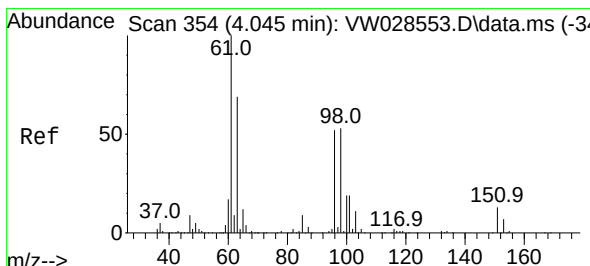
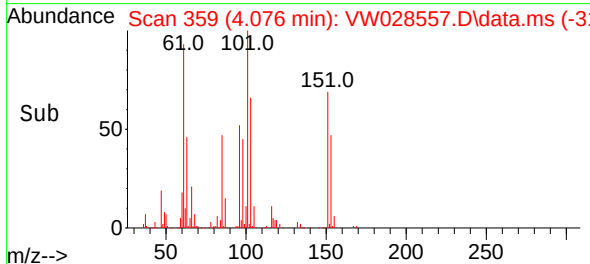
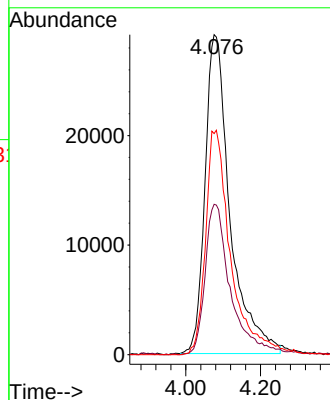
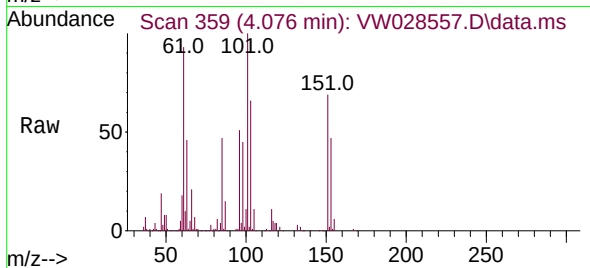
Tgt Ion:101 Resp: 135440

Ion Ratio Lower Upper

101 100

85 46.0 34.5 51.7

151 65.6 57.5 86.3



#12

1,1-Dichloroethene

Concen: 24.277 ug/L

RT: 4.051 min Scan# 355

Delta R.T. 0.006 min

Lab File: VW028557.D

Acq: 01 May 2024 11:25

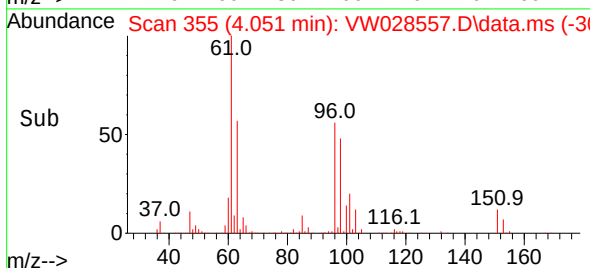
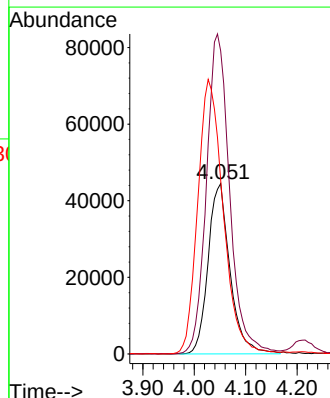
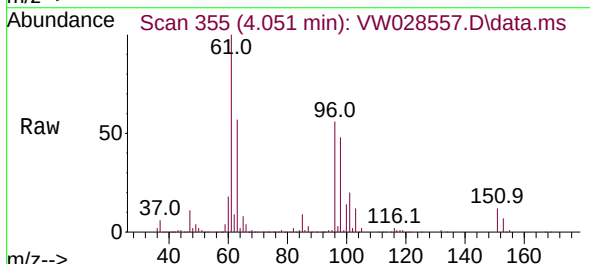
Tgt Ion: 96 Resp: 131670

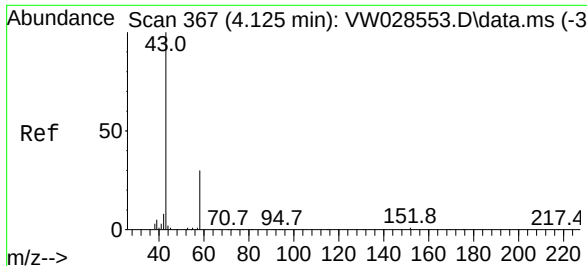
Ion Ratio Lower Upper

96 100

61 177.7 130.5 242.5

63 101.9 101.5 188.5

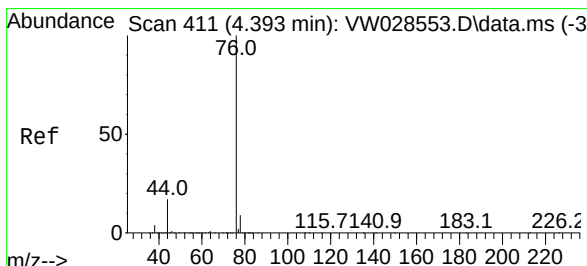
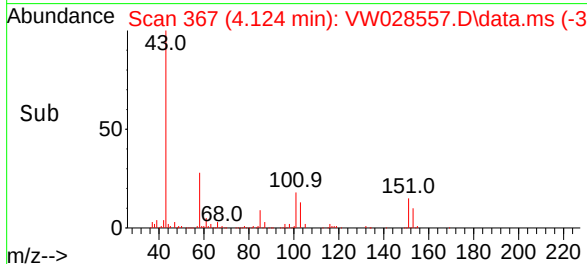
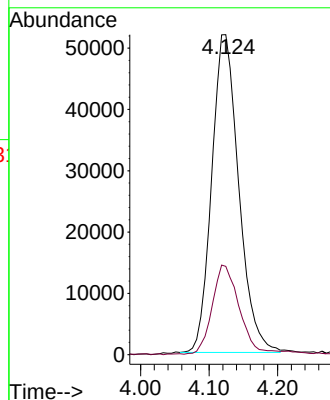
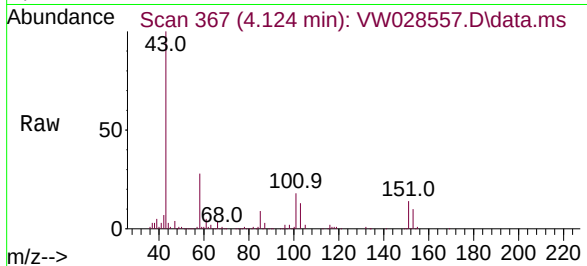




#13
Acetone
Concen: 94.328 ug/L
RT: 4.124 min Scan# 367
Delta R.T. -0.000 min
Lab File: VW028557.D
Acq: 01 May 2024 11:25

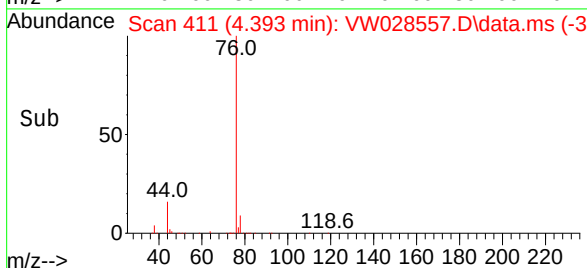
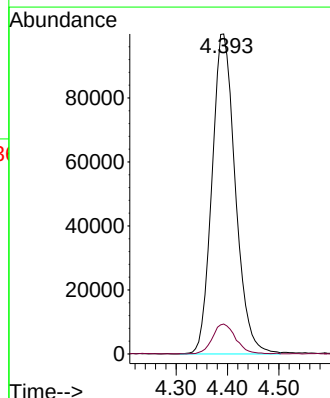
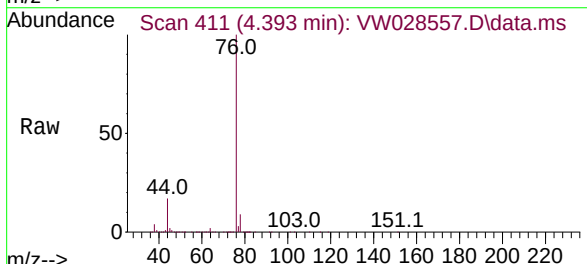
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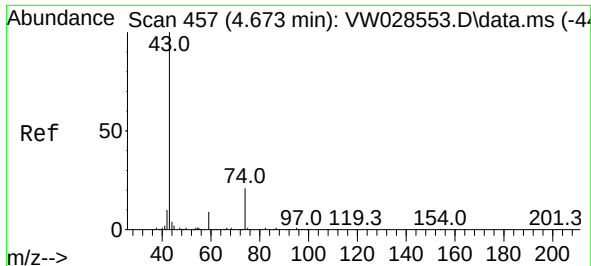
Tgt Ion: 43 Resp: 142199
Ion Ratio Lower Upper
43 100
58 28.1 0.0 53.4



#14
Carbon disulfide
Concen: 17.667 ug/L
RT: 4.393 min Scan# 411
Delta R.T. -0.000 min
Lab File: VW028557.D
Acq: 01 May 2024 11:25

Tgt Ion: 76 Resp: 315456
Ion Ratio Lower Upper
76 100
78 9.4 7.3 10.9





#15

Methyl Acetate

Concen: 21.675 ug/L

RT: 4.673 min Scan# 4

Delta R.T. -0.000 min

Lab File: VW028557.D

Acq: 01 May 2024 11:25

Instrument :

MSVOA_W

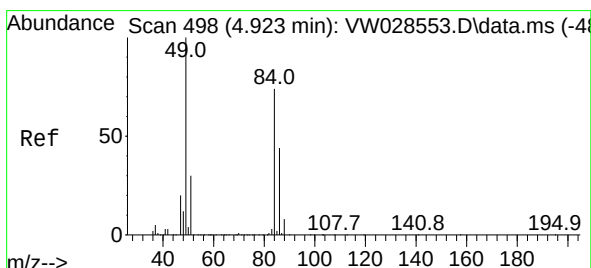
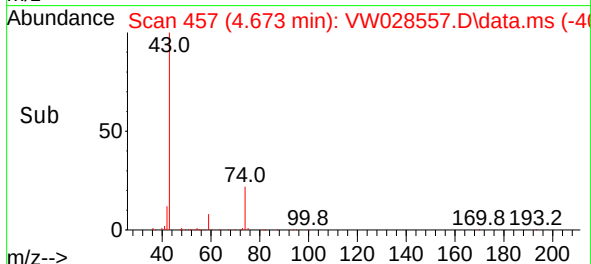
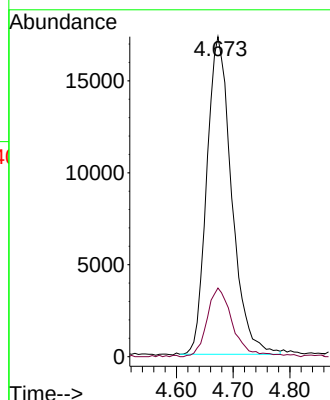
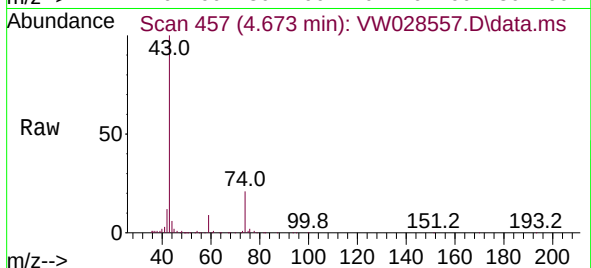
ClientSampleId :

Tgt Ion: 43 Resp: 52575

Ion Ratio Lower Upper

43 100

74 21.3 17.4 26.0



#16

Methylene chloride

Concen: 24.018 ug/L

RT: 4.923 min Scan# 498

Delta R.T. -0.000 min

Lab File: VW028557.D

Acq: 01 May 2024 11:25

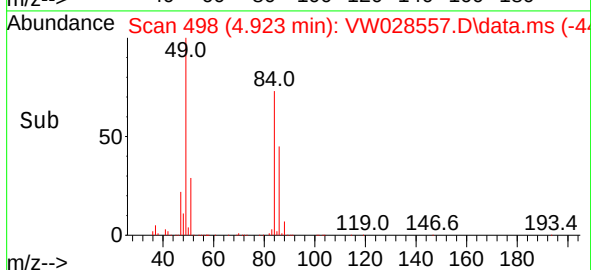
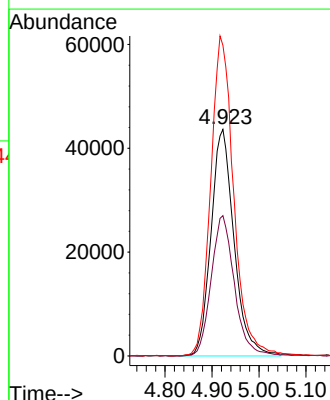
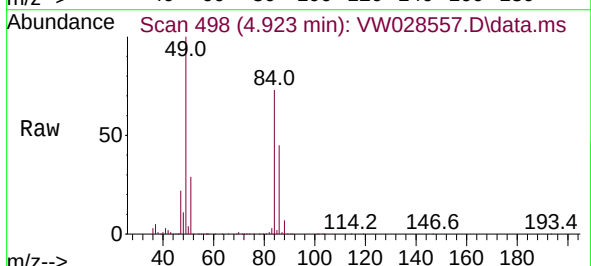
Tgt Ion: 84 Resp: 148739

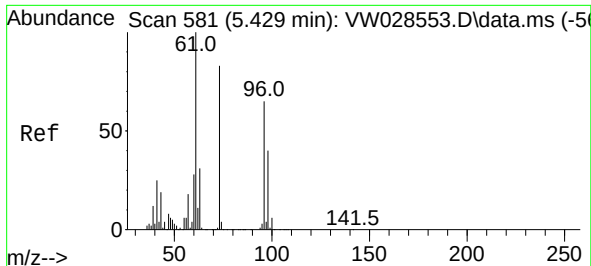
Ion Ratio Lower Upper

84 100

86 61.9 44.2 82.0

49 137.0 95.0 176.4

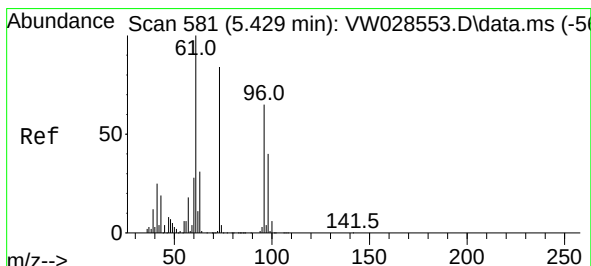
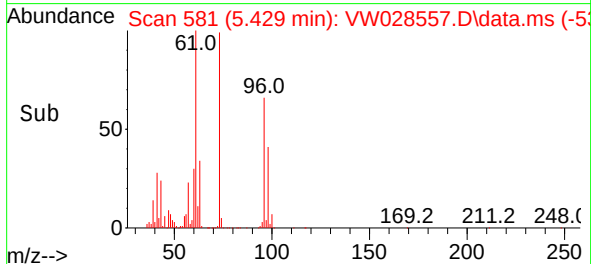
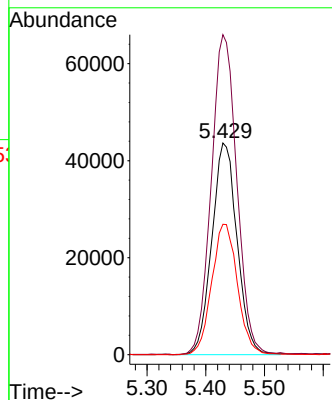
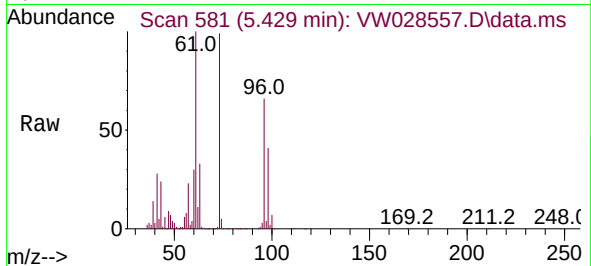




#17
trans-1,2-Dichloroethene
Concen: 22.785 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.000 min
Lab File: VW028557.D
Acq: 01 May 2024 11:25

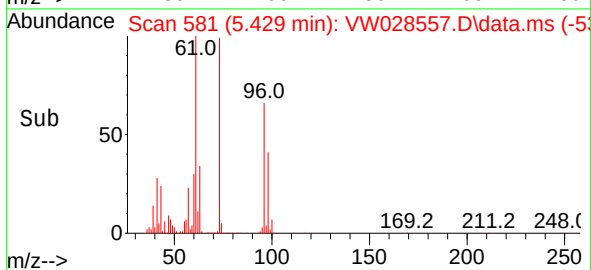
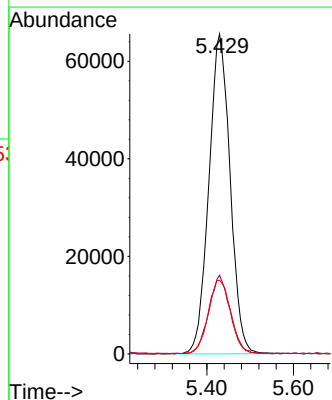
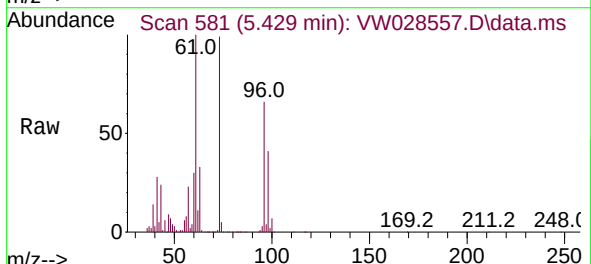
Instrument :
MSVOA_W
ClientSampleId :

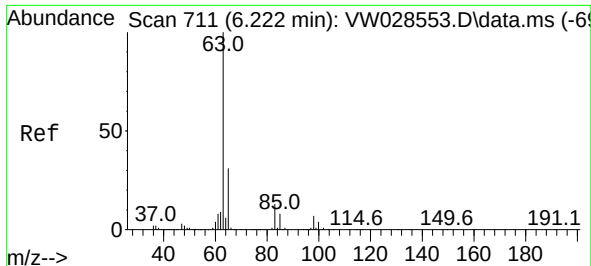
Tgt Ion: 96 Resp: 130173
Ion Ratio Lower Upper
96 100
61 151.1 108.4 201.4
98 61.6 45.6 84.8



#18
Methyl tert-butyl Ether
Concen: 27.734 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.000 min
Lab File: VW028557.D
Acq: 01 May 2024 11:25

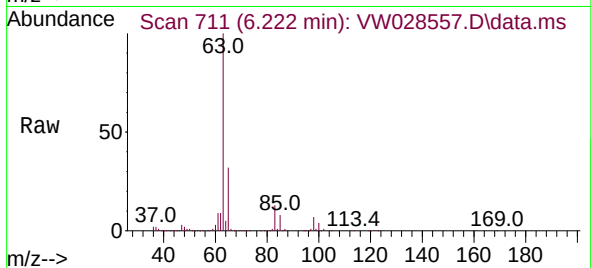
Tgt Ion: 73 Resp: 222883
Ion Ratio Lower Upper
73 100
43 24.4 18.5 27.7
57 24.7 18.2 27.4



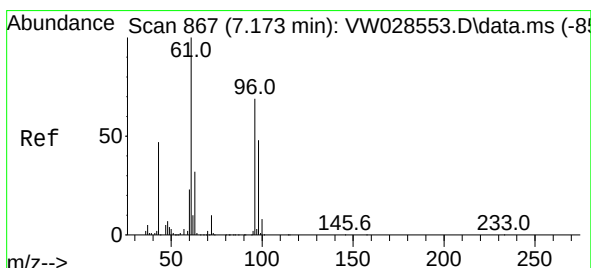
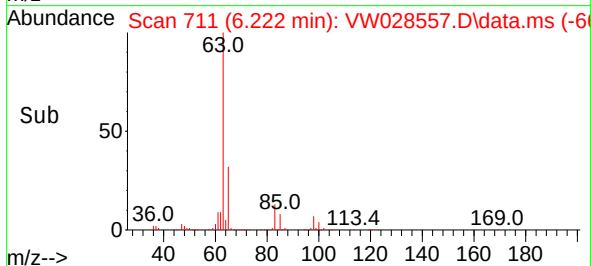
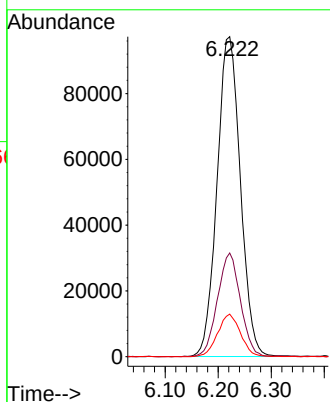


#19
1,1-Dichloroethane
Concen: 26.692 ug/L
RT: 6.222 min Scan# 711
Delta R.T. -0.000 min
Lab File: VW028557.D
Acq: 01 May 2024 11:25

Instrument :
MSVOA_W
ClientSampleId :

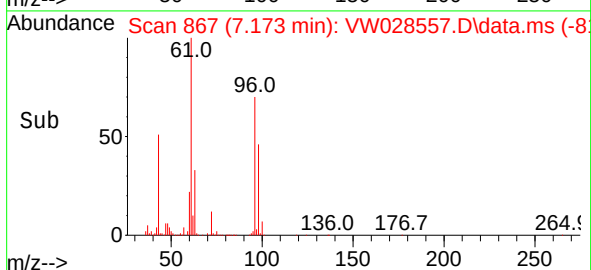
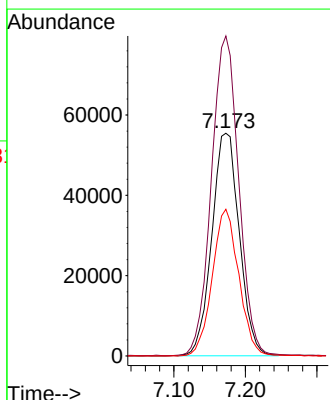
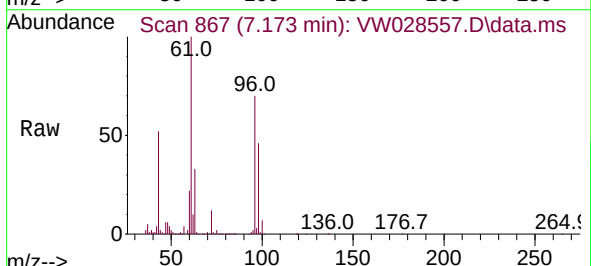


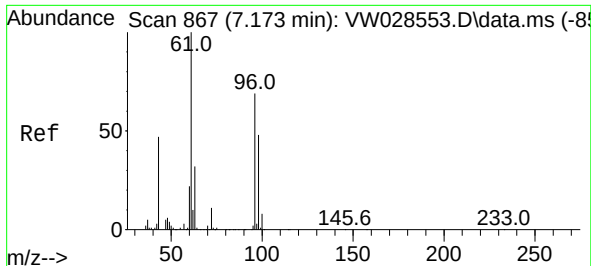
Tgt Ion:	63	Resp:	297107
Ion Ratio	Lower	Upper	
63	100		
65	32.4	21.8	40.4
83	13.3	9.0	16.8



#20
cis-1,2-Dichloroethene
Concen: 24.403 ug/L
RT: 7.173 min Scan# 867
Delta R.T. -0.000 min
Lab File: VW028557.D
Acq: 01 May 2024 11:25

Tgt Ion:	96	Resp:	147967
Ion Ratio	Lower	Upper	
96	100		
61	143.6	97.6	181.2
98	65.9	47.7	88.5

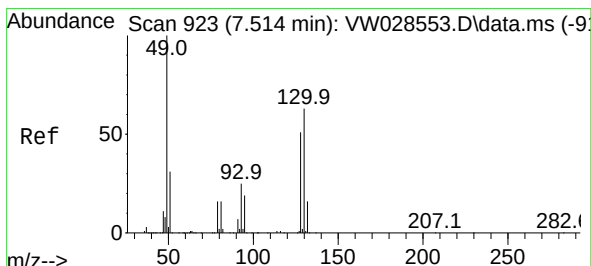
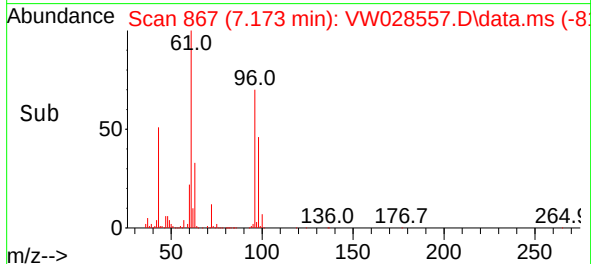
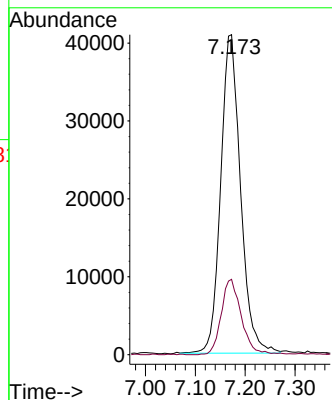
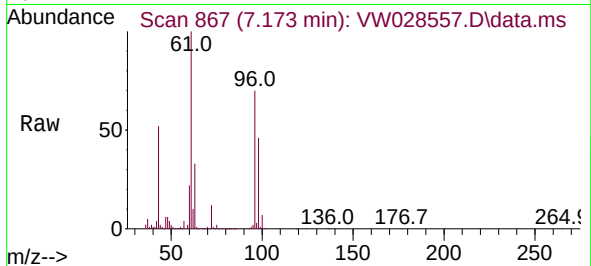




#22
2-Butanone
Concen: 61.773 ug/L
RT: 7.173 min Scan# 867
Delta R.T. -0.000 min
Lab File: VW028557.D
Acq: 01 May 2024 11:25

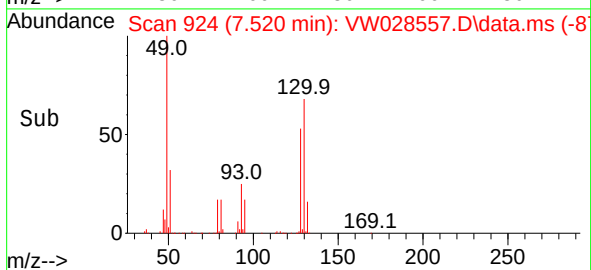
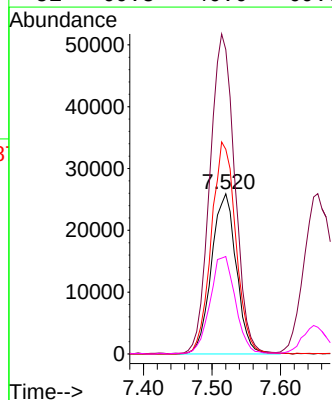
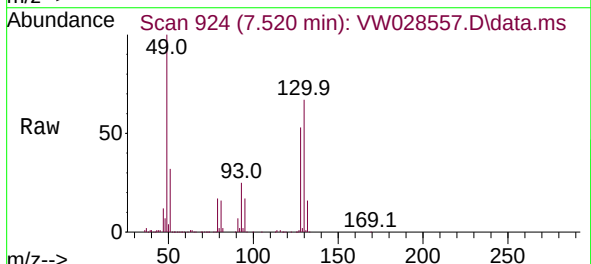
Instrument :
MSVOA_W
ClientSampleId :

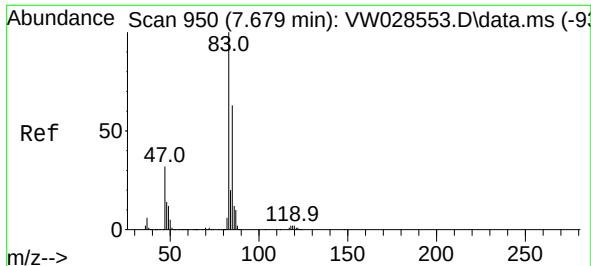
Tgt Ion: 43 Resp: 113012
Ion Ratio Lower Upper
43 100
72 23.1 12.8 38.4



#23
Bromochloromethane
Concen: 24.940 ug/L
RT: 7.520 min Scan# 924
Delta R.T. 0.006 min
Lab File: VW028557.D
Acq: 01 May 2024 11:25

Tgt Ion: 128 Resp: 65138
Ion Ratio Lower Upper
128 100
49 189.9 127.1 236.0
130 127.7 78.3 145.5
51 60.8 46.0 69.0





#25

Chloroform

Concen: 26.440 ug/L

RT: 7.679 min Scan# 950

Delta R.T. -0.000 min

Lab File: VW028557.D

Acq: 01 May 2024 11:25

Instrument :

MSVOA_W

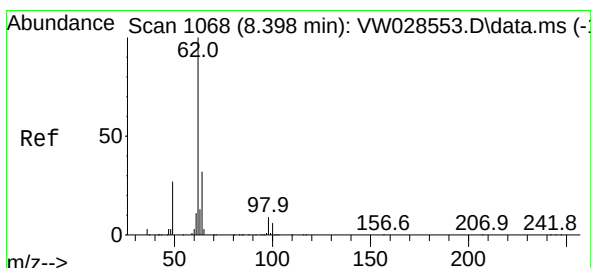
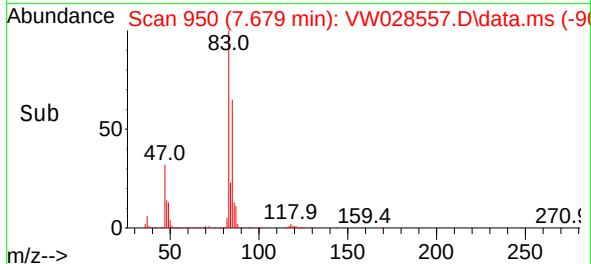
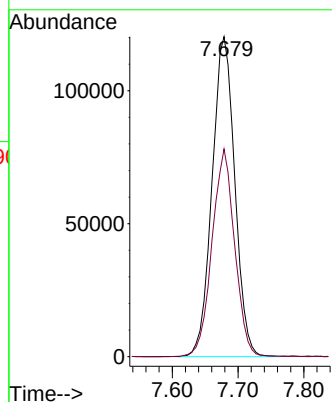
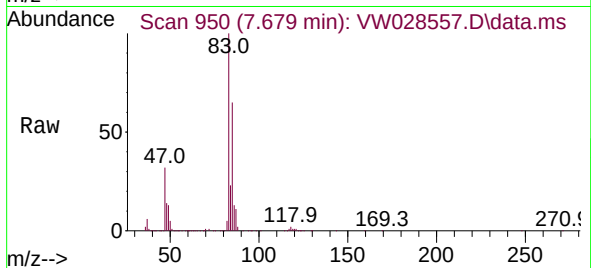
ClientSampleId :

Tgt Ion: 83 Resp: 289108

Ion Ratio Lower Upper

83 100

85 64.9 47.7 88.7



#27

1,2-Dichloroethane

Concen: 24.956 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.000 min

Lab File: VW028557.D

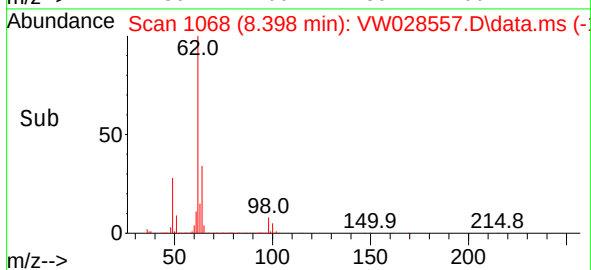
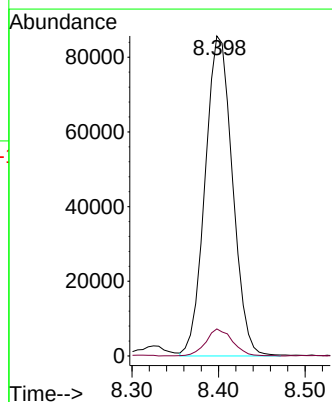
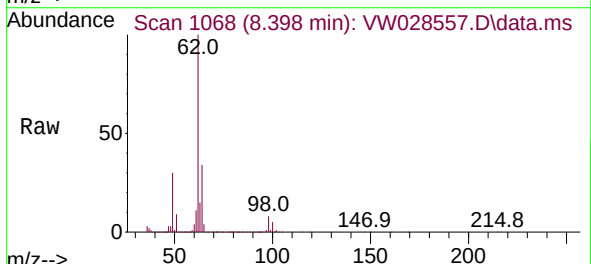
Acq: 01 May 2024 11:25

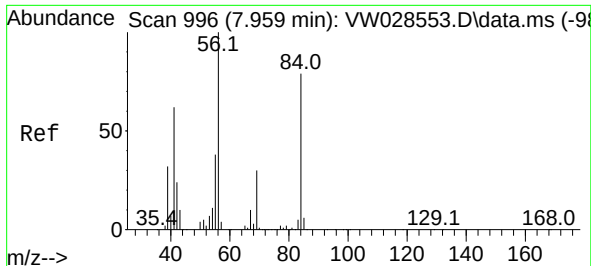
Tgt Ion: 62 Resp: 188339

Ion Ratio Lower Upper

62 100

98 8.5 6.6 10.0





#29

Cyclohexane

Concen: 25.924 ug/L

RT: 7.959 min Scan# 996

Delta R.T. -0.000 min

Lab File: VW028557.D

Acq: 01 May 2024 11:25

Instrument :

MSVOA_W

ClientSampleId :

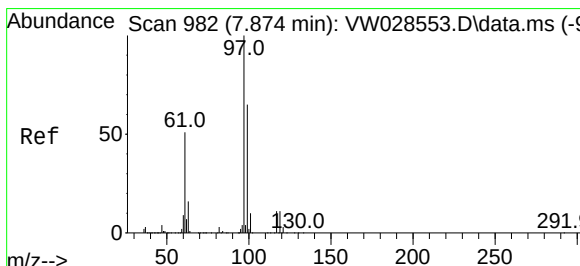
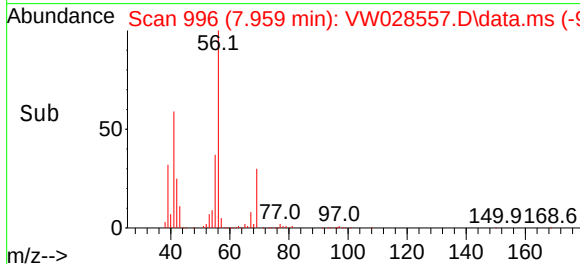
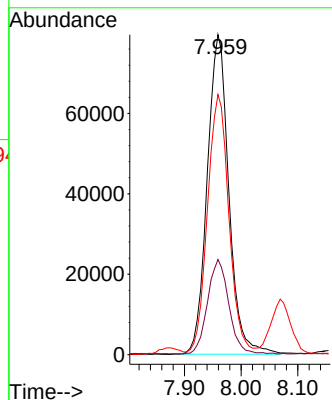
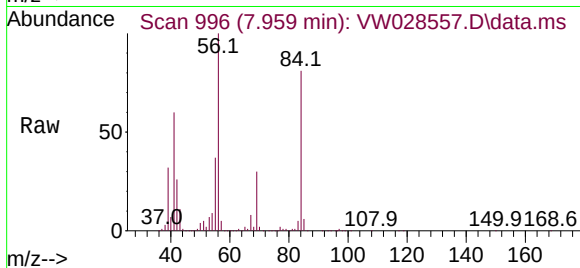
Tgt Ion: 56 Resp: 210383

Ion Ratio Lower Upper

56 100

69 28.9 23.8 35.6

84 80.7 65.9 98.9



#30

1,1,1-Trichloroethane

Concen: 31.689 ug/L

RT: 7.874 min Scan# 982

Delta R.T. -0.000 min

Lab File: VW028557.D

Acq: 01 May 2024 11:25

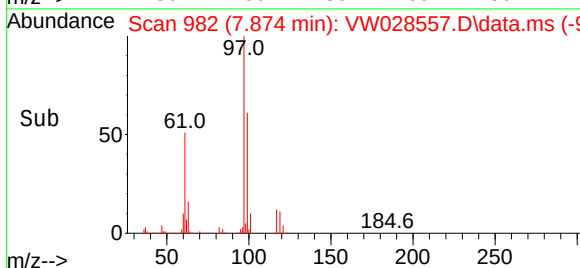
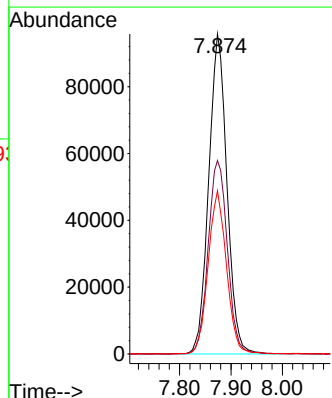
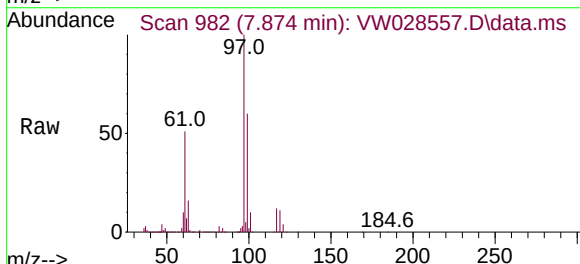
Tgt Ion: 97 Resp: 236122

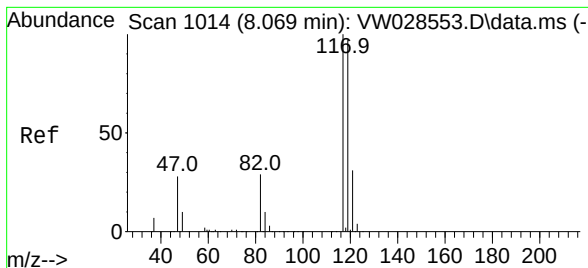
Ion Ratio Lower Upper

97 100

99 63.7 51.4 77.2

61 51.3 40.5 60.7





#31

Carbon tetrachloride

Concen: 28.840 ug/L

RT: 8.075 min Scan# 1015

Delta R.T. 0.006 min

Lab File: VW028557.D

Acq: 01 May 2024 11:25

Instrument :

MSVOA_W

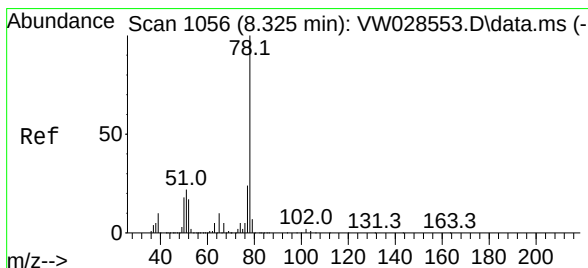
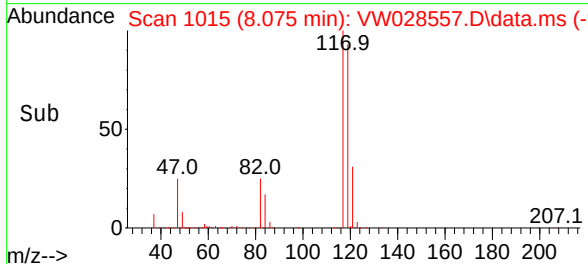
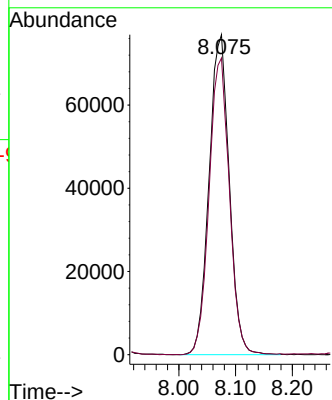
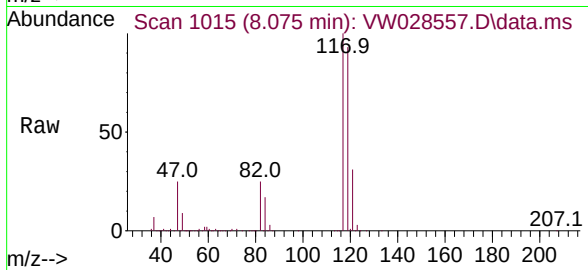
ClientSampleId :

Tgt Ion:117 Resp: 190560

Ion Ratio Lower Upper

117 100

119 93.0 77.4 116.2



#33

Benzene

Concen: 30.684 ug/L

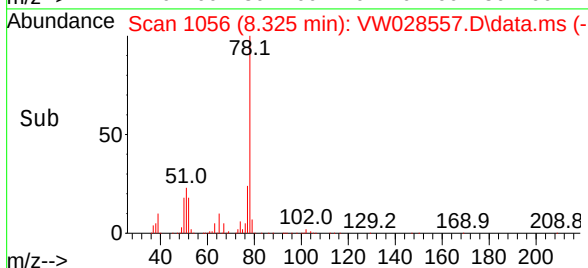
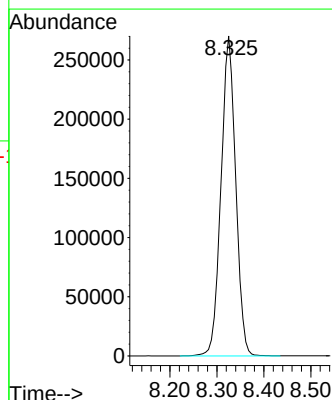
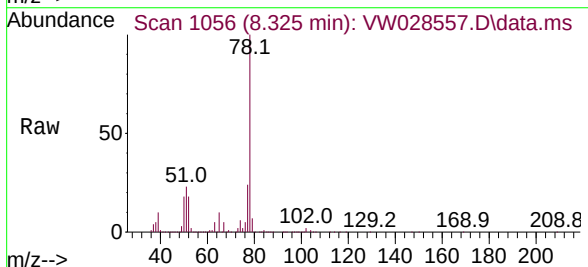
RT: 8.325 min Scan# 1056

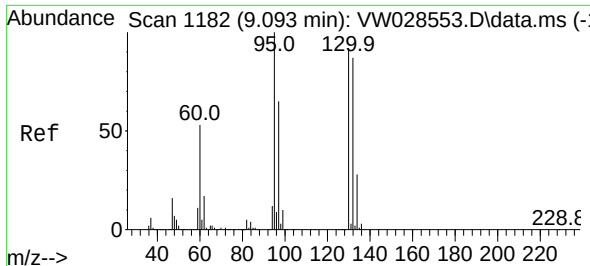
Delta R.T. -0.000 min

Lab File: VW028557.D

Acq: 01 May 2024 11:25

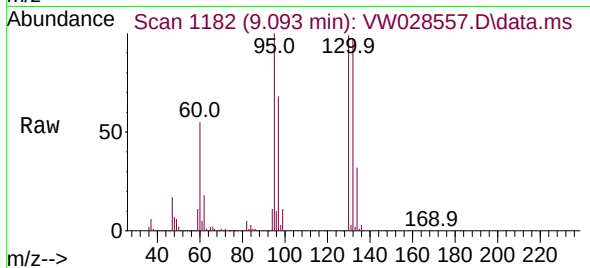
Tgt Ion: 78 Resp: 589420





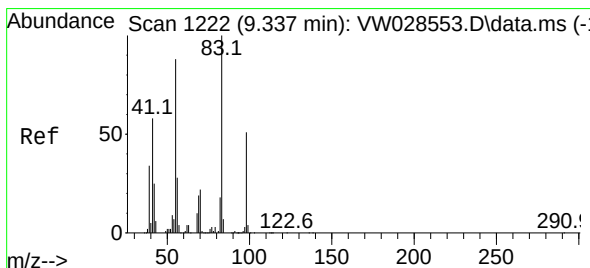
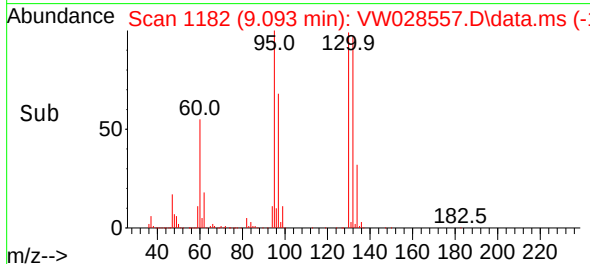
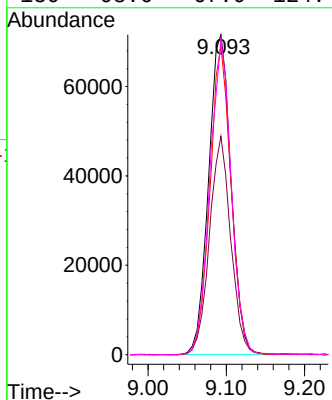
#34
Trichloroethene
Concen: 27.341 ug/L
RT: 9.093 min Scan# 1182
Delta R.T. -0.000 min
Lab File: VW028557.D
Acq: 01 May 2024 11:25

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 95 Resp: 142334

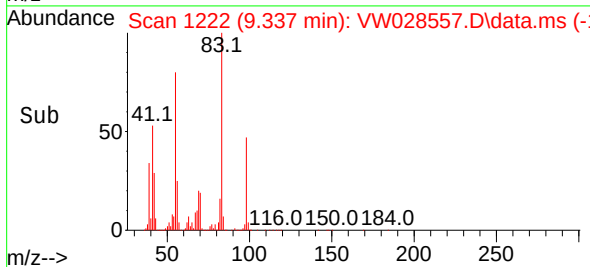
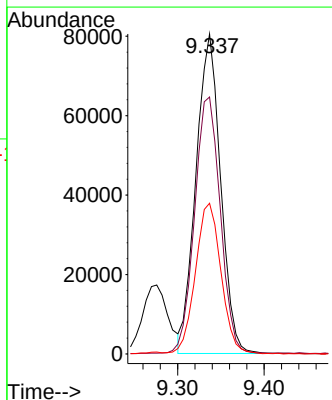
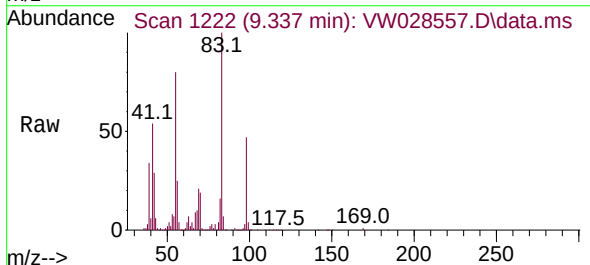
Ion	Ratio	Lower	Upper
95	100		
97	68.3	43.8	81.4
132	96.6	66.1	122.8
130	98.6	67.0	124.4

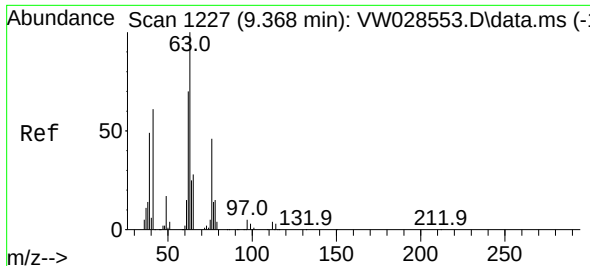


#35
Methylcyclohexane
Concen: 17.892 ug/L
RT: 9.337 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VW028557.D
Acq: 01 May 2024 11:25

Tgt Ion: 83 Resp: 158944

Ion	Ratio	Lower	Upper
83	100		
55	84.0	65.7	98.5
98	49.0	38.6	58.0





#37

1,2-Dichloropropane

Concen: 31.123 ug/L

RT: 9.367 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW028557.D

Acq: 01 May 2024 11:25

Instrument :

MSVOA_W

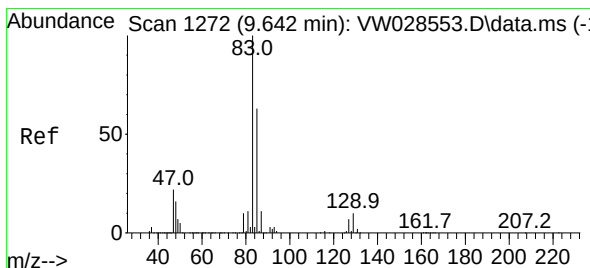
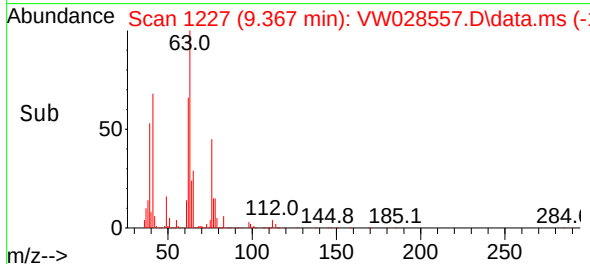
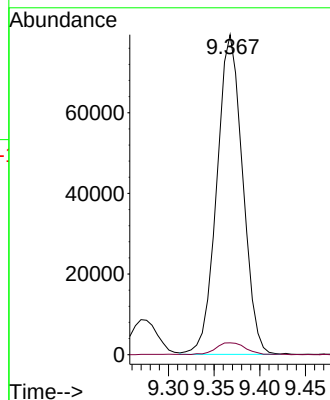
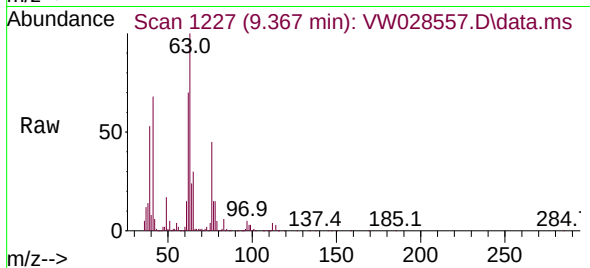
ClientSampleId :

Tgt Ion: 63 Resp: 155821

Ion Ratio Lower Upper

63 100

112 4.3 3.6 5.4



#38

Bromodichloromethane

Concen: 27.961 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW028557.D

Acq: 01 May 2024 11:25

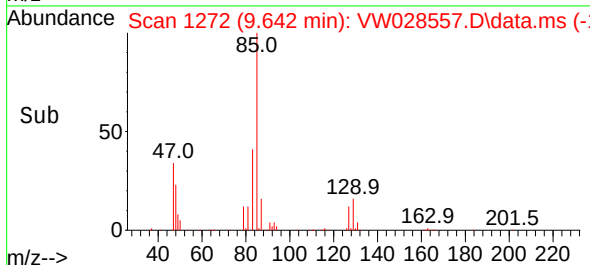
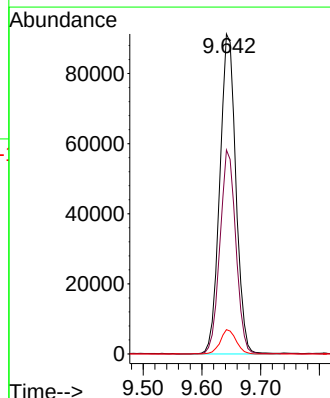
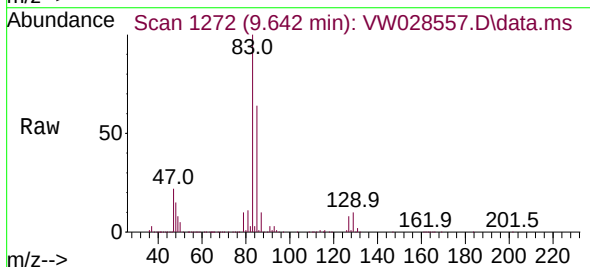
Tgt Ion: 83 Resp: 173522

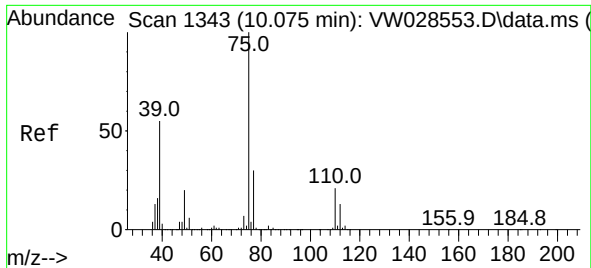
Ion Ratio Lower Upper

83 100

85 63.7 43.1 80.1

127 7.6 6.4 9.6





#39

cis-1,3-Dichloropropene

Concen: 24.759 ug/L

RT: 10.075 min Scan# 1343

Delta R.T. -0.000 min

Lab File: VW028557.D

Acq: 01 May 2024 11:25

Instrument :

MSVOA_W

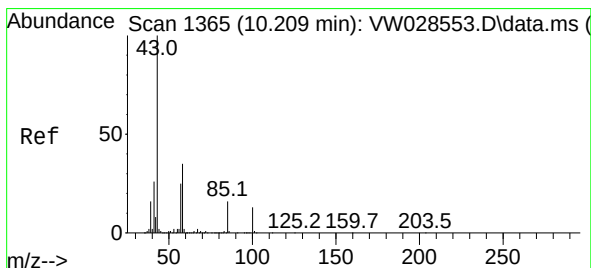
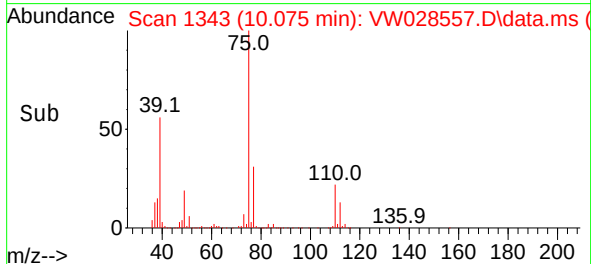
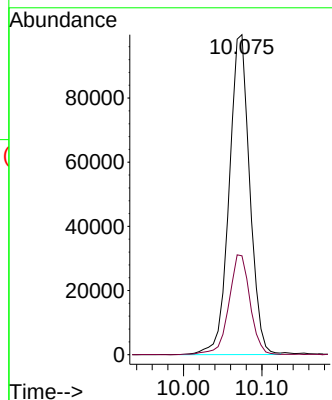
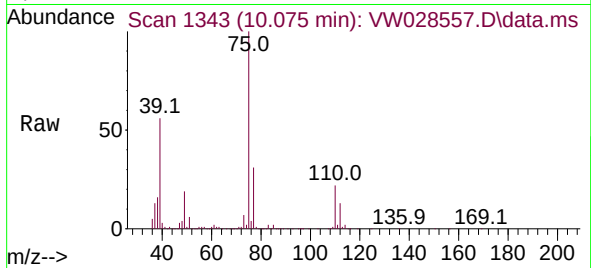
ClientSampleId :

Tgt Ion: 75 Resp: 181784

Ion Ratio Lower Upper

75 100

77 30.9 21.3 39.5



#40

4-Methyl-2-pentanone

Concen: 71.015 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW028557.D

Acq: 01 May 2024 11:25

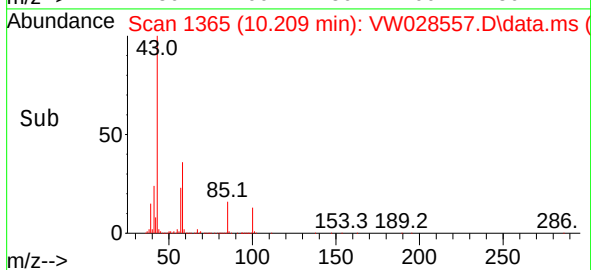
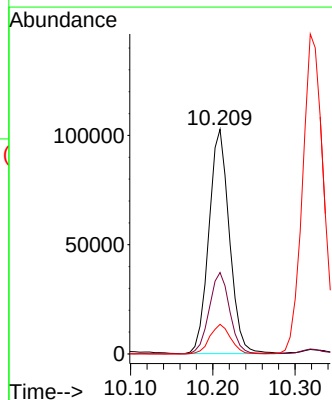
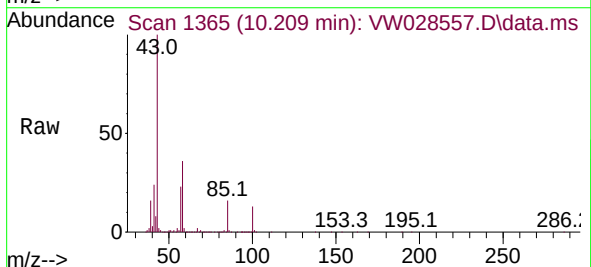
Tgt Ion: 43 Resp: 177987

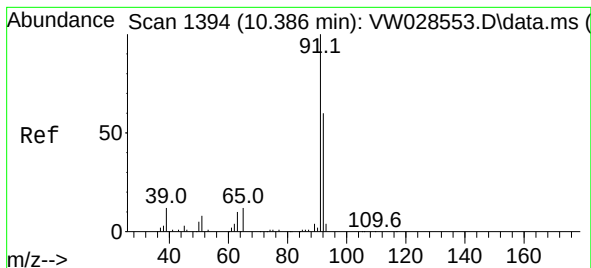
Ion Ratio Lower Upper

43 100

58 36.3 28.6 43.0

100 13.5 10.6 16.0





#42

Toluene

Concen: 27.893 ug/L

RT: 10.385 min Scan# 1394

Delta R.T. -0.000 min

Lab File: VW028557.D

Acq: 01 May 2024 11:25

Instrument :

MSVOA_W

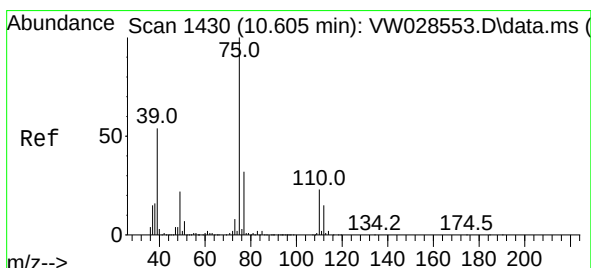
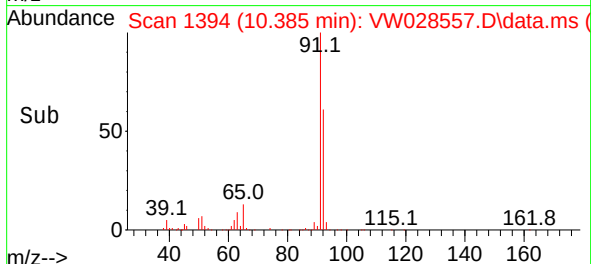
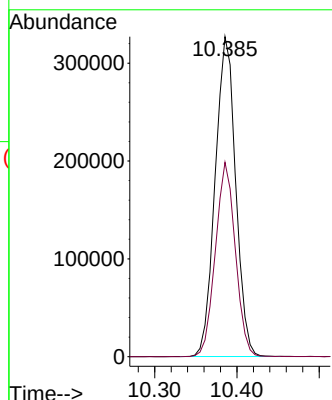
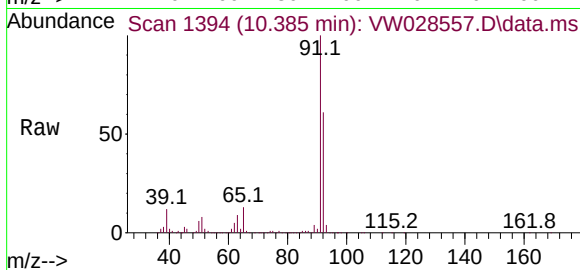
ClientSampleId :

Tgt Ion: 91 Resp: 567640

Ion Ratio Lower Upper

91 100

92 60.7 41.1 76.3



#44

trans-1,3-Dichloropropene

Concen: 25.096 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW028557.D

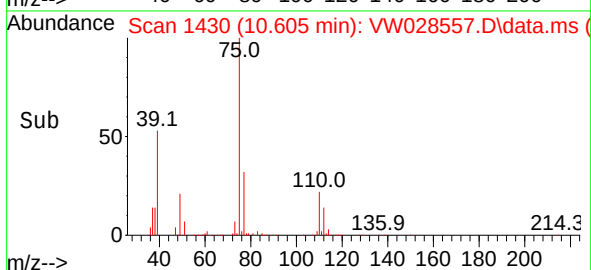
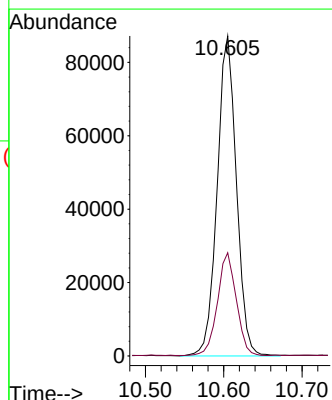
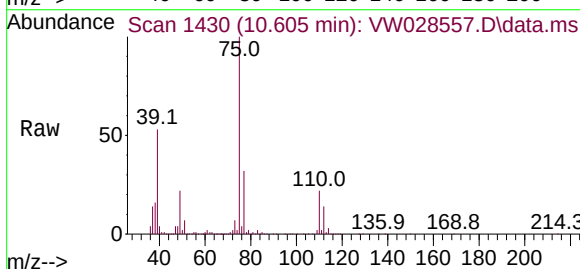
Acq: 01 May 2024 11:25

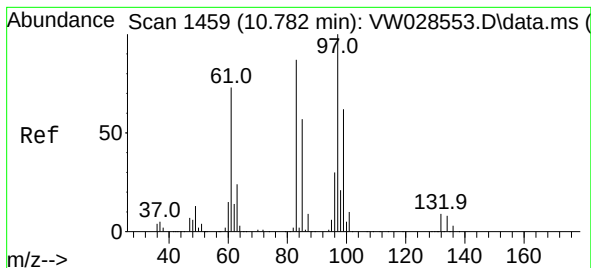
Tgt Ion: 75 Resp: 149057

Ion Ratio Lower Upper

75 100

77 32.3 22.6 42.0





#45

1,1,2-Trichloroethane

Concen: 28.733 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. -0.000 min

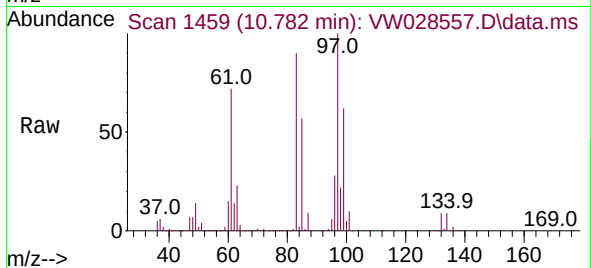
Lab File: VW028557.D

Acq: 01 May 2024 11:25

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 97 Resp: 97324

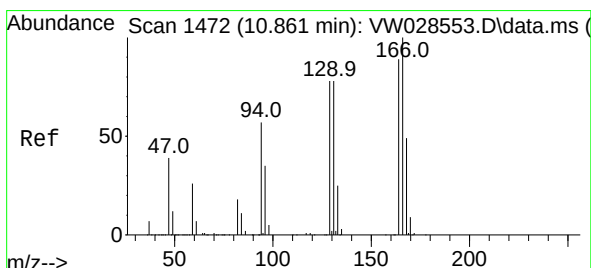
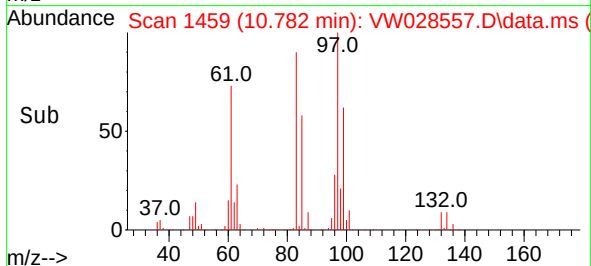
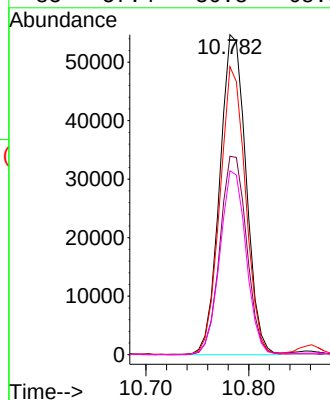
Ion Ratio Lower Upper

97 100

99 62.0 44.2 82.2

83 90.0 56.4 104.7

85 57.4 36.8 68.3



#46

Tetrachloroethene

Concen: 22.937 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VW028557.D

Acq: 01 May 2024 11:25

Tgt Ion:164 Resp: 89192

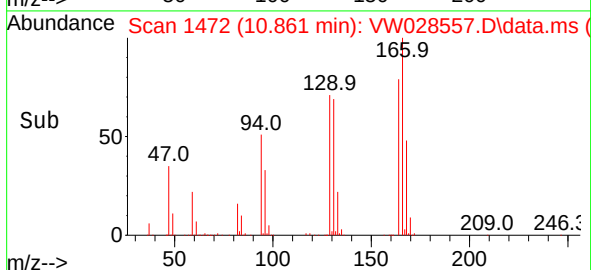
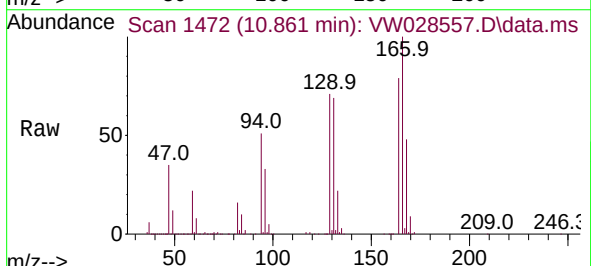
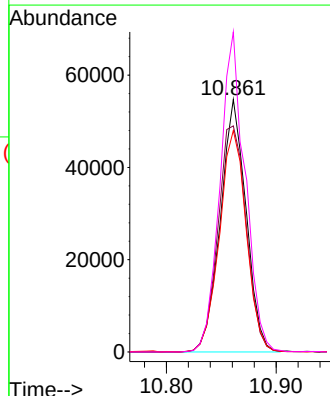
Ion Ratio Lower Upper

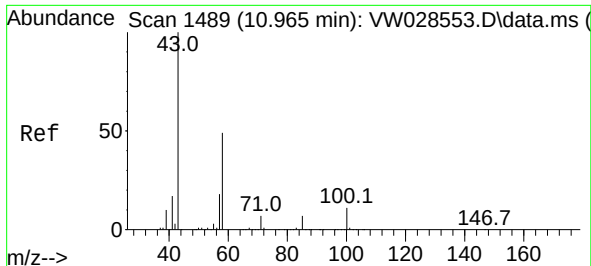
164 100

129 89.5 59.7 110.9

131 87.7 58.2 108.2

166 126.7 78.0 144.8

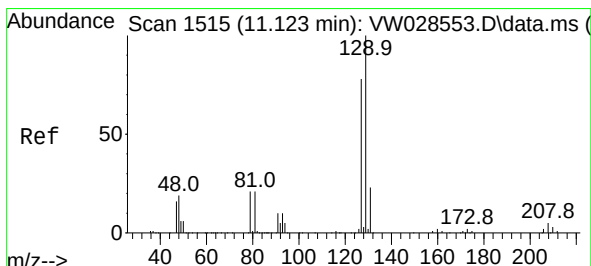
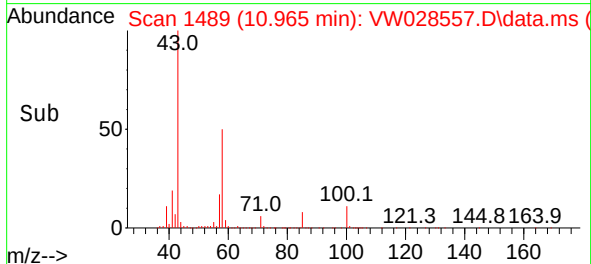
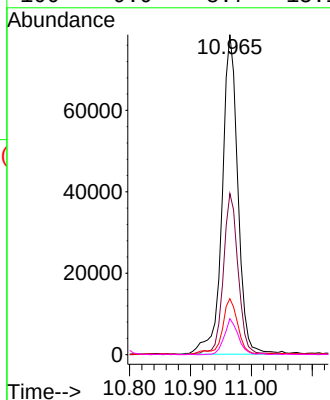
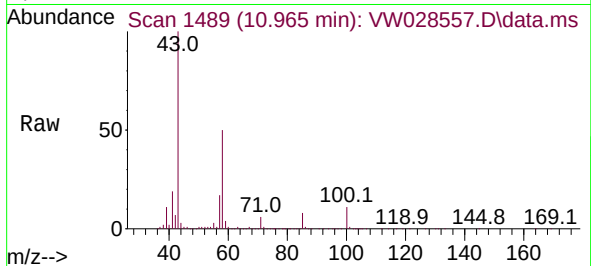




#48
2-Hexanone
Concen: 70.970 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW028557.D
Acq: 01 May 2024 11:25

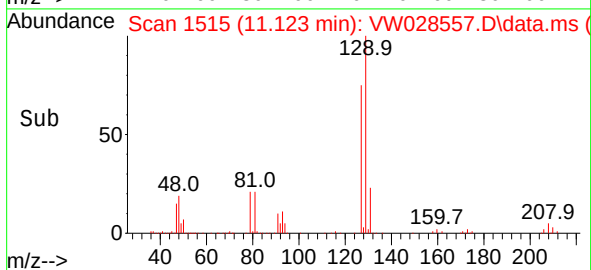
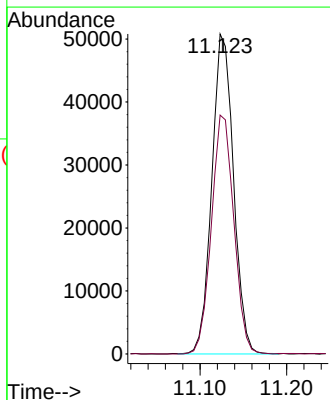
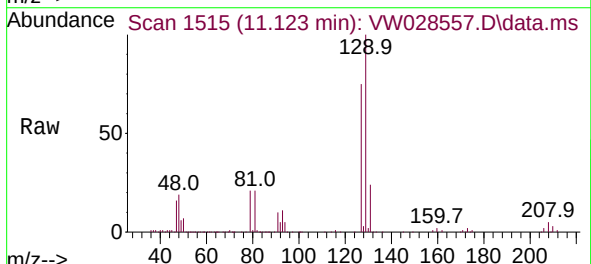
Instrument :
MSVOA_W
ClientSampleId :

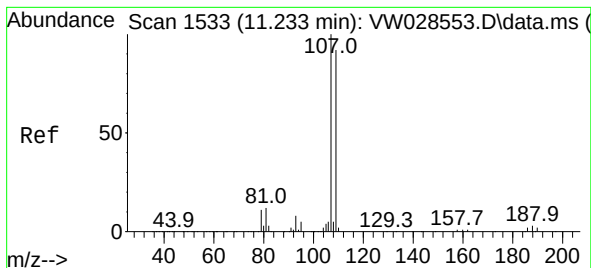
Tgt Ion: 43	Resp: 141191
Ion Ratio	Lower Upper
43 100	
58 46.4	38.9 58.3
57 15.7	14.4 21.6
100 9.9	8.7 13.1



#49
Dibromochloromethane
Concen: 24.403 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.000 min
Lab File: VW028557.D
Acq: 01 May 2024 11:25

Tgt Ion:129	Resp:	88347	
Ion	Ratio	Lower	Upper
129	100		
127	74.6	53.0	98.4





#50

1,2-Dibromoethane

Concen: 27.186 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VW028557.D

Acq: 01 May 2024 11:25

Instrument :

MSVOA_W

ClientSampleId :

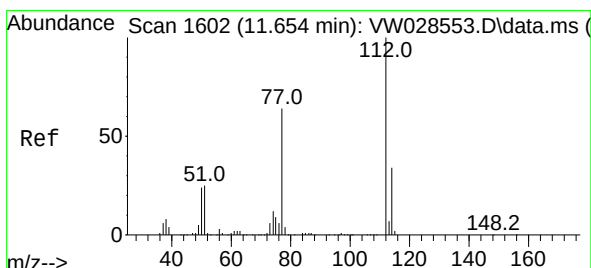
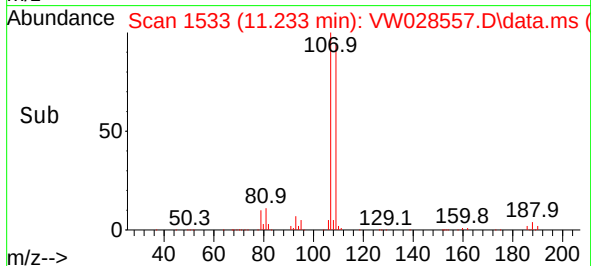
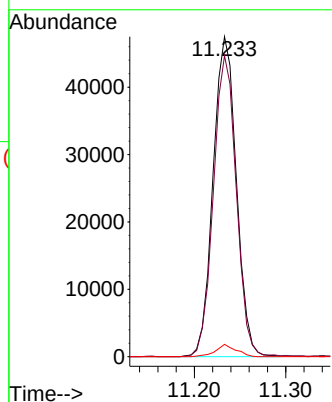
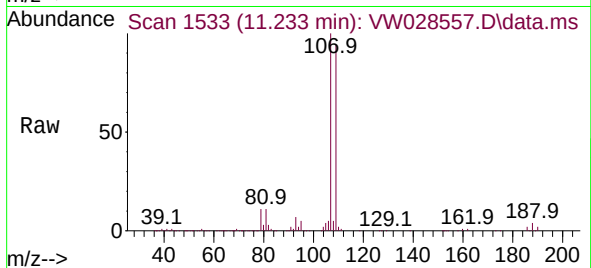
Tgt Ion:107 Resp: 84048

Ion Ratio Lower Upper

107 100

109 94.1 62.1 115.3

188 3.9 3.2 4.8



#51

Chlorobenzene

Concen: 24.433 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VW028557.D

Acq: 01 May 2024 11:25

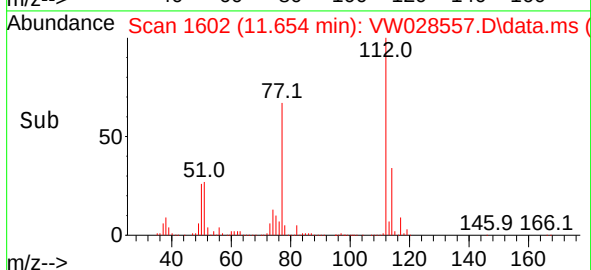
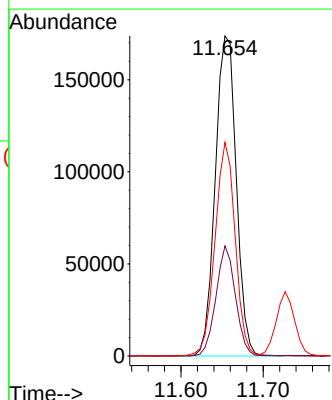
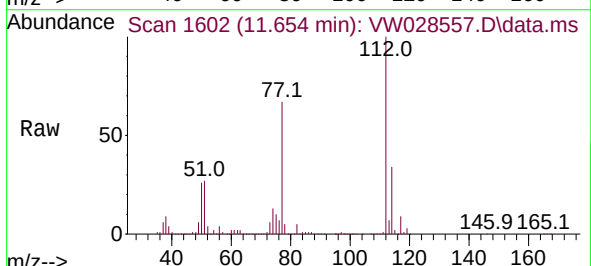
Tgt Ion:112 Resp: 309064

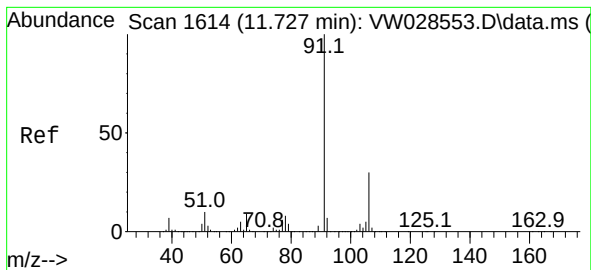
Ion Ratio Lower Upper

112 100

114 34.4 22.3 41.3

77 66.8 51.8 77.8

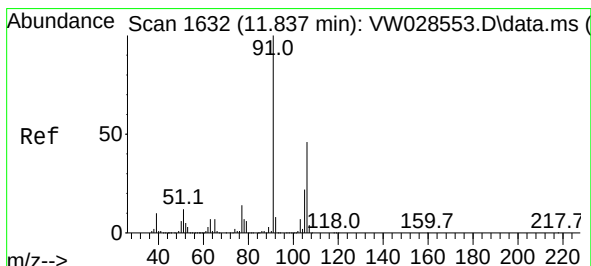
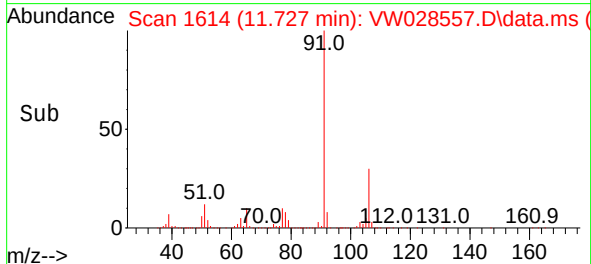
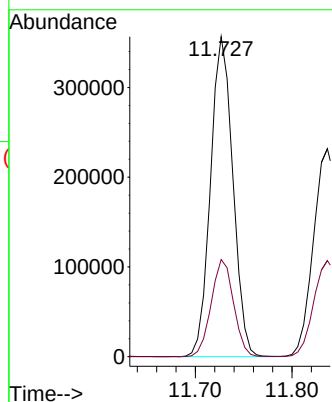
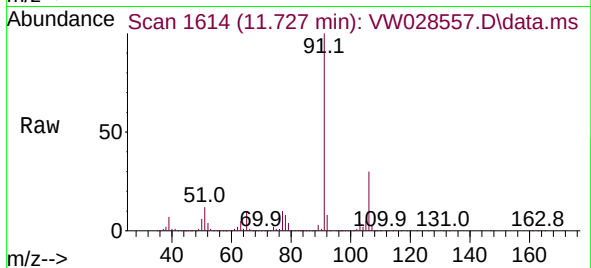




#52
Ethylbenzene
Concen: 24.840 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW028557.D
Acq: 01 May 2024 11:25

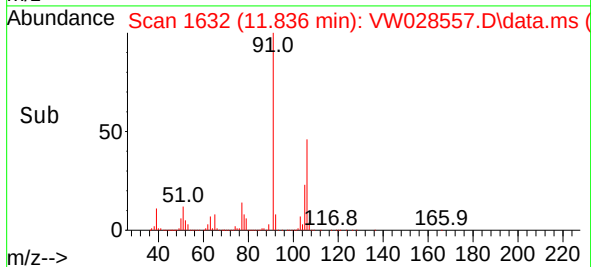
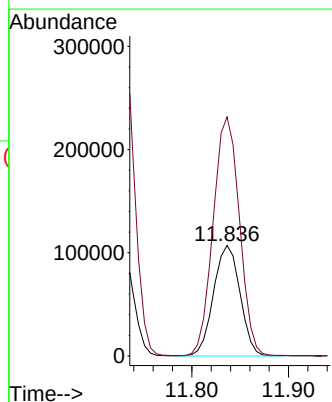
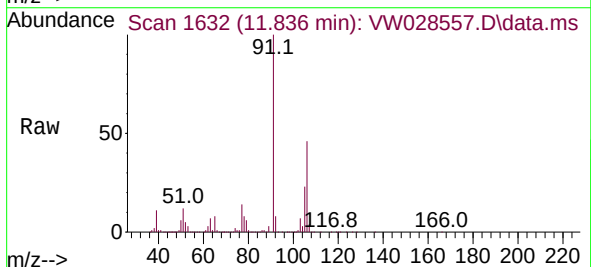
Instrument :
MSVOA_W
ClientSampleId :

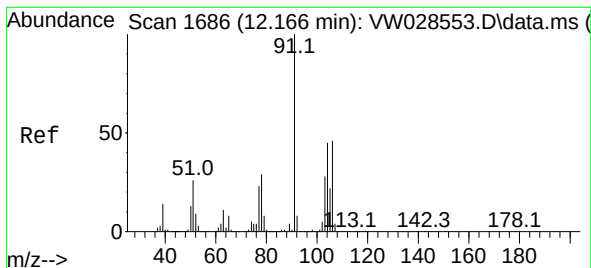
Tgt Ion: 91 Resp: 573024
Ion Ratio Lower Upper
91 100
106 30.4 21.2 39.4



#53
m,p-Xylene
Concen: 23.715 ug/L
RT: 11.836 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW028557.D
Acq: 01 May 2024 11:25

Tgt Ion:106 Resp: 203444
Ion Ratio Lower Upper
106 100
91 216.4 152.4 283.0





#54

o-Xylene

Concen: 25.249 ug/L

RT: 12.160 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW028557.D

Acq: 01 May 2024 11:25

Instrument :

MSVOA_W

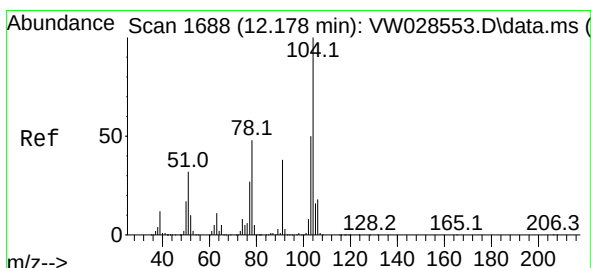
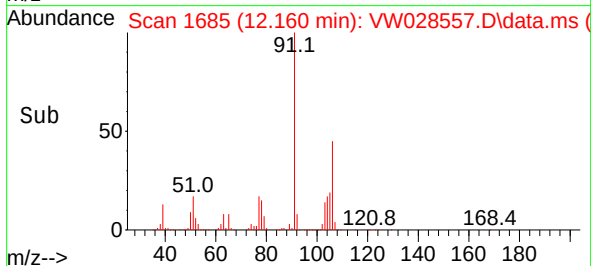
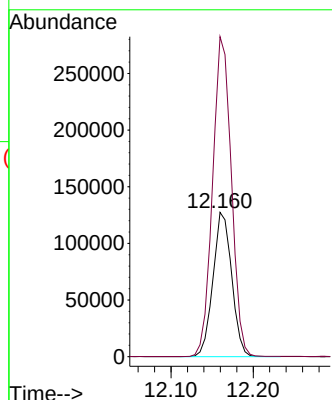
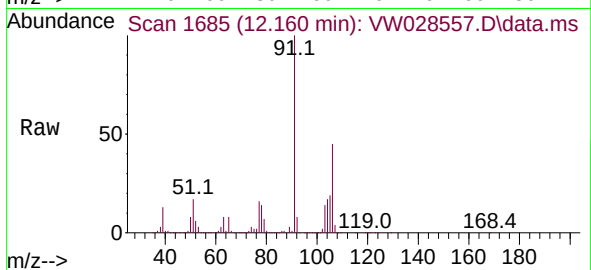
ClientSampleId :

Tgt Ion:106 Resp: 201682

Ion Ratio Lower Upper

106 100

91 221.7 152.9 283.9



#55

Styrene

Concen: 22.004 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. -0.000 min

Lab File: VW028557.D

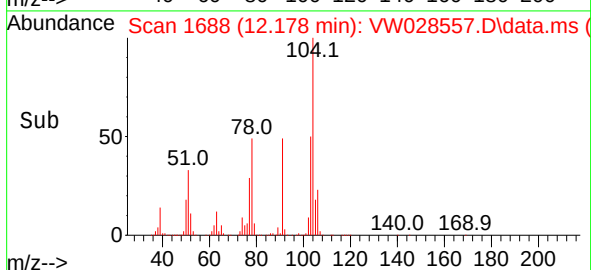
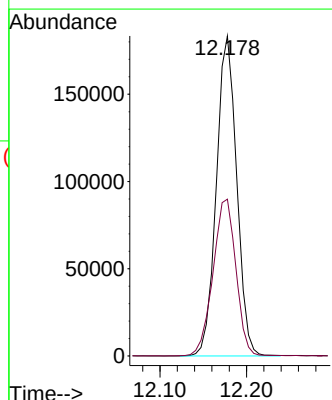
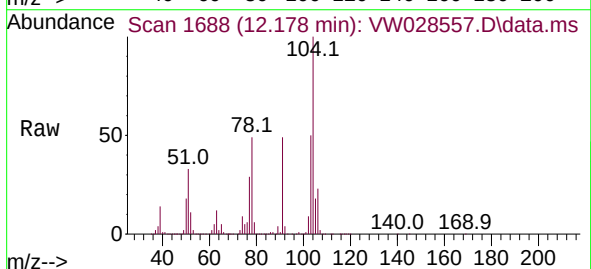
Acq: 01 May 2024 11:25

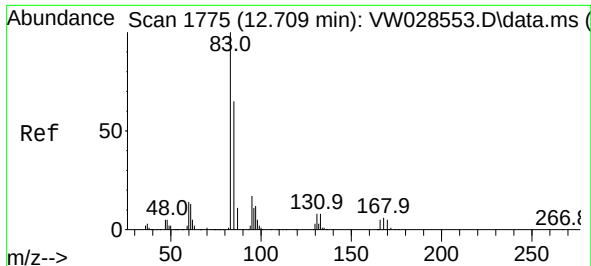
Tgt Ion:104 Resp: 299147

Ion Ratio Lower Upper

104 100

78 49.0 33.8 62.8





#57

1,1,2,2-Tetrachloroethane

Concen: 25.995 ug/L

RT: 12.708 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW028557.D

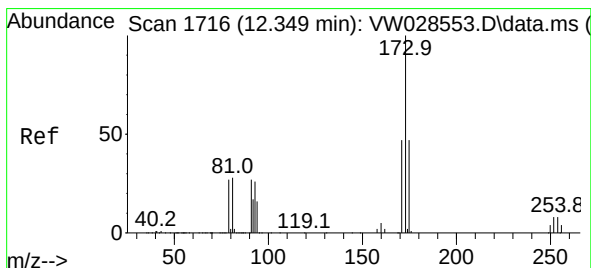
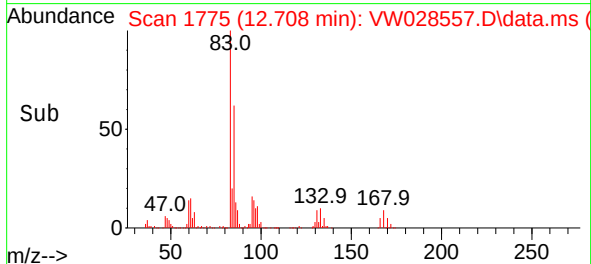
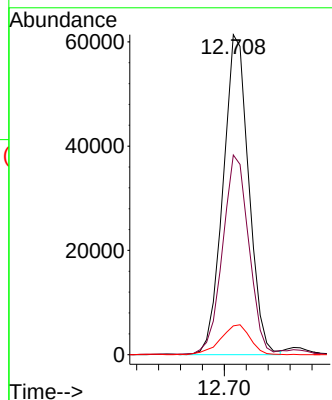
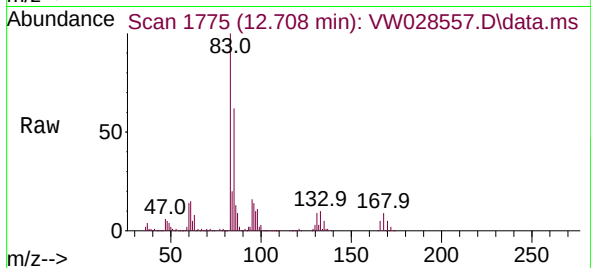
Acq: 01 May 2024 11:25

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 83	Resp:	99648
Ion Ratio	Lower	Upper
83	100	
85	62.4	43.4 80.6
131	9.0	8.0 12.0



#59

Bromoform

Concen: 32.094 ug/L

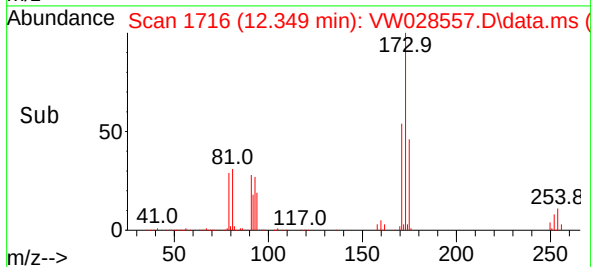
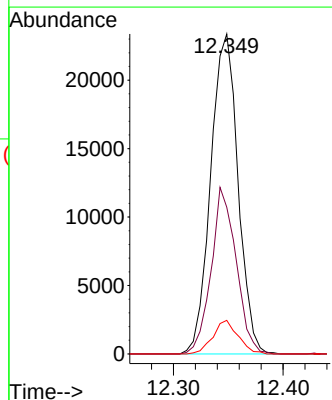
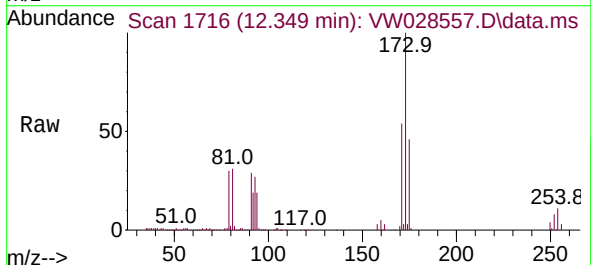
RT: 12.349 min Scan# 1716

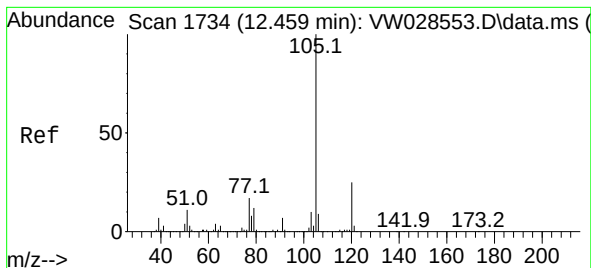
Delta R.T. -0.000 min

Lab File: VW028557.D

Acq: 01 May 2024 11:25

Tgt Ion: 173	Resp:	40492
Ion Ratio	Lower	Upper
173	100	
175	47.5	39.2 58.8
254	9.7	8.3 12.5





#60

Isopropylbenzene

Concen: 34.758 ug/L

RT: 12.458 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW028557.D

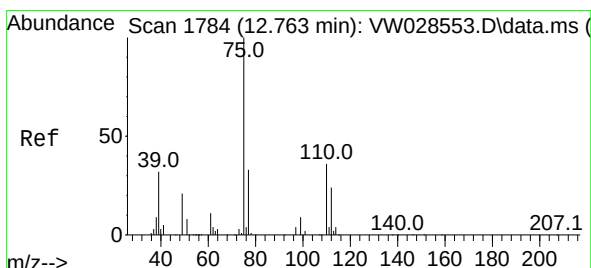
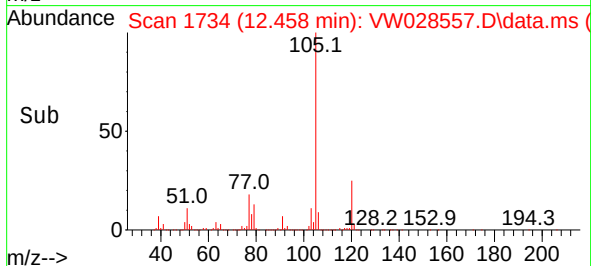
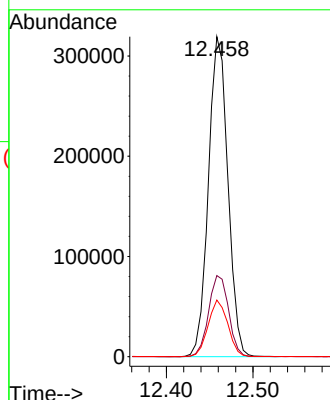
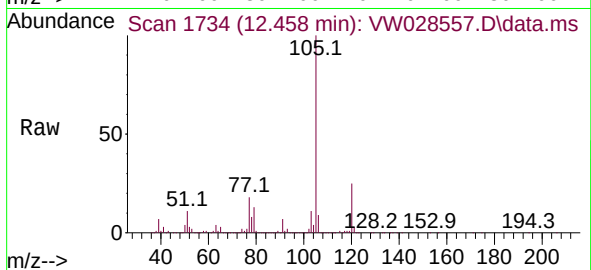
Acq: 01 May 2024 11:25

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	105	Resp:	498055
Ion	Ratio	Lower	Upper
105	100		
120	26.0	20.8	31.2
77	17.9	13.4	20.2



#61

1,2,3-Trichloropropane

Concen: 43.592 ug/L

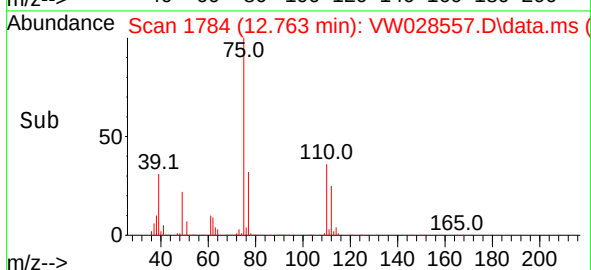
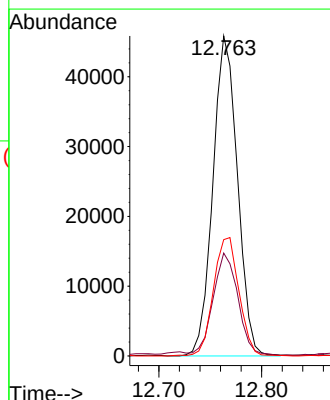
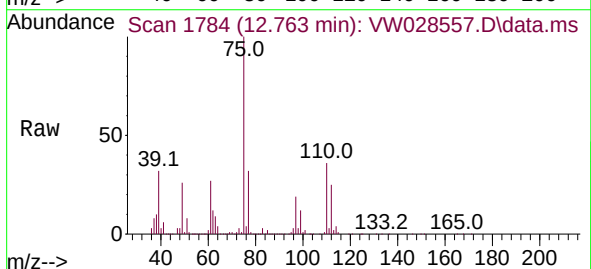
RT: 12.763 min Scan# 1784

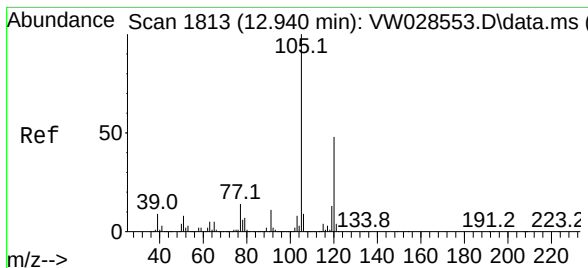
Delta R.T. -0.000 min

Lab File: VW028557.D

Acq: 01 May 2024 11:25

Tgt Ion:	75	Resp:	76176
Ion	Ratio	Lower	Upper
75	100		
77	32.3	26.1	39.1
110	38.2	30.6	46.0

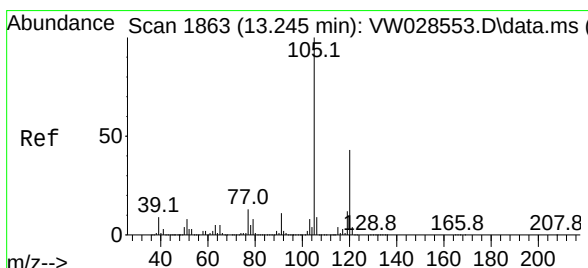
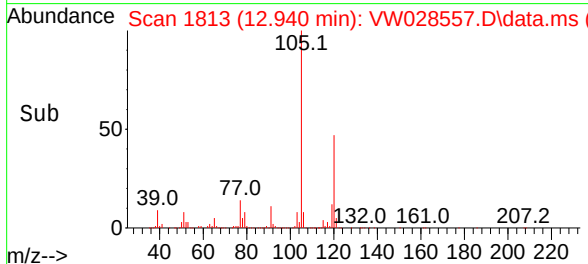
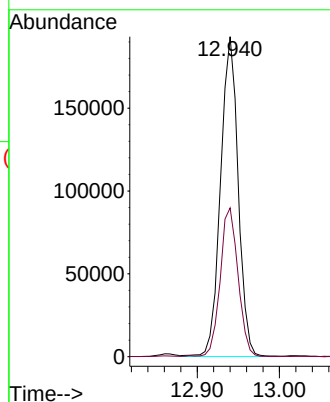
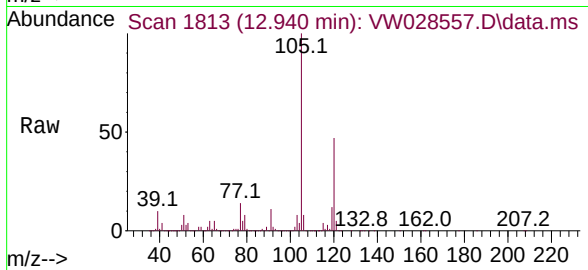




#62
1,3,5-Trimethylbenzene
Concen: 31.457 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW028557.D
Acq: 01 May 2024 11:25

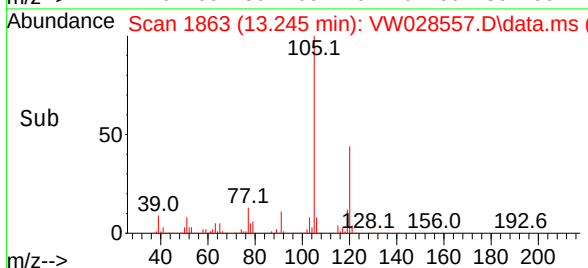
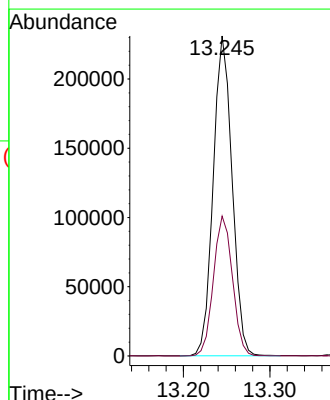
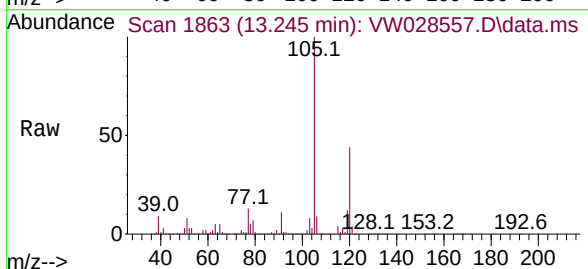
Instrument :
MSVOA_W
ClientSampleId :

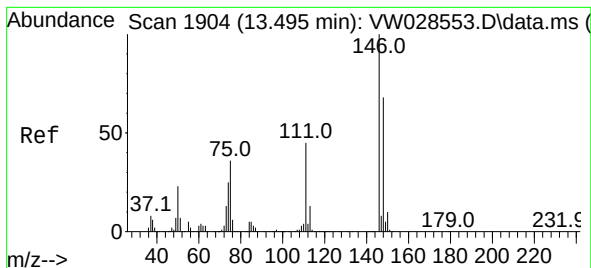
Tgt Ion:105 Resp: 287304
Ion Ratio Lower Upper
105 100
120 47.1 37.5 56.3



#63
1,2,4-Trimethylbenzene
Concen: 31.846 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW028557.D
Acq: 01 May 2024 11:25

Tgt Ion:105 Resp: 350029
Ion Ratio Lower Upper
105 100
120 44.0 35.4 53.0





#64

1,3-Dichlorobenzene

Concen: 23.468 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW028557.D

Acq: 01 May 2024 11:25

Instrument :

MSVOA_W

ClientSampleId :

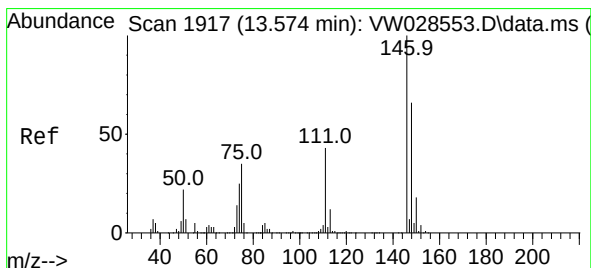
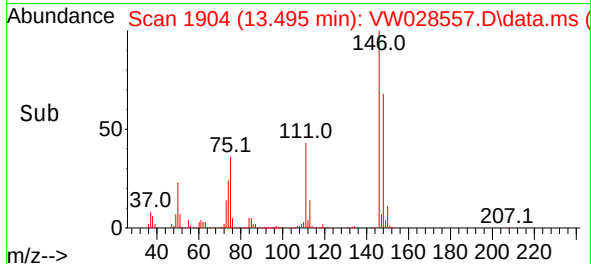
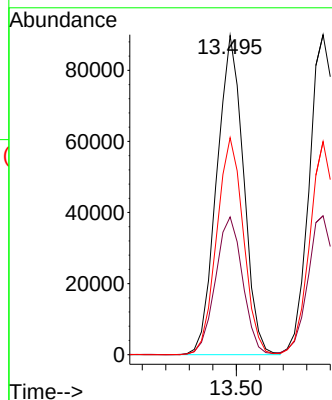
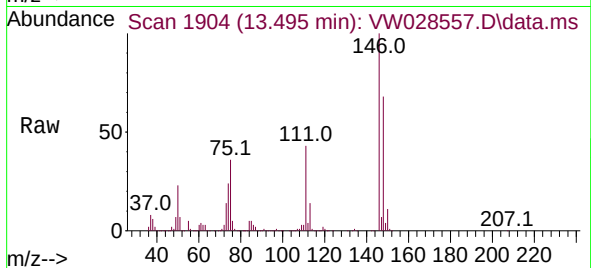
Tgt Ion:146 Resp: 142691

Ion Ratio Lower Upper

146 100

111 43.2 29.8 55.3

148 68.0 47.3 87.8



#65

1,4-Dichlorobenzene

Concen: 23.740 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW028557.D

Acq: 01 May 2024 11:25

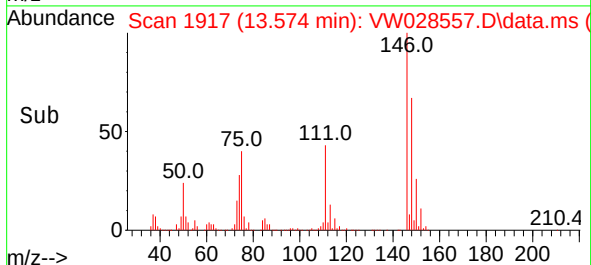
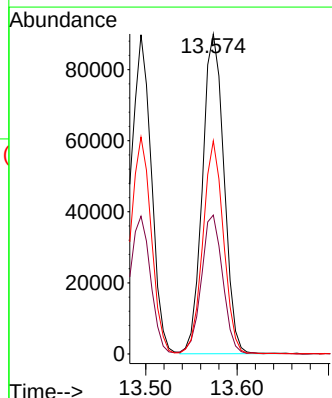
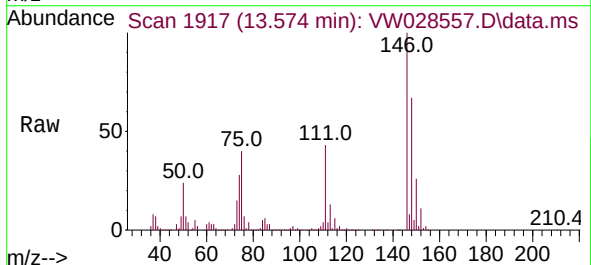
Tgt Ion:146 Resp: 146834

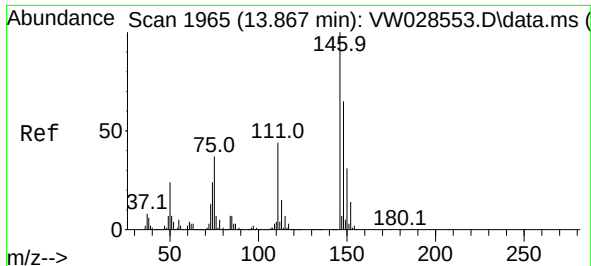
Ion Ratio Lower Upper

146 100

111 43.4 30.3 56.3

148 66.6 47.3 87.8





#67

1,2-Dichlorobenzene

Concen: 24.945 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW028557.D

Acq: 01 May 2024 11:25

Instrument :

MSVOA_W

ClientSampleId :

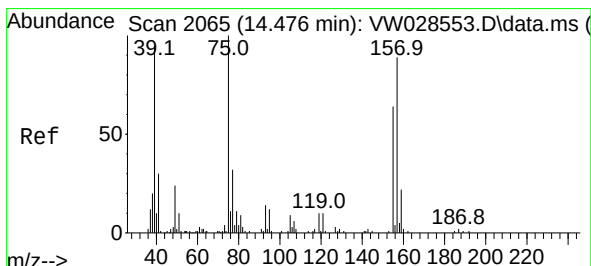
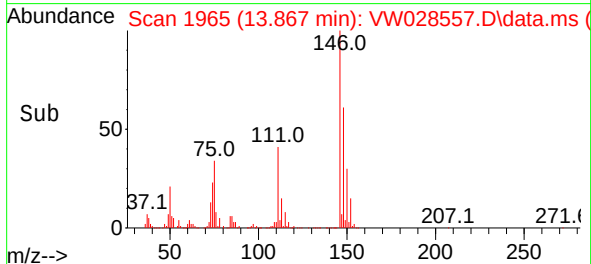
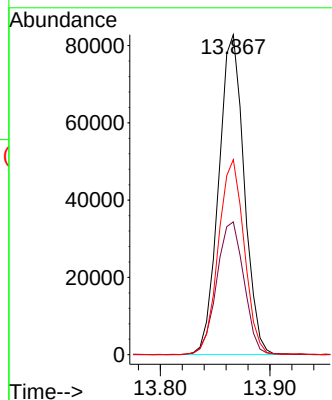
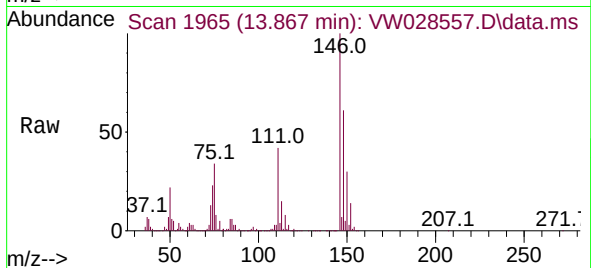
Tgt Ion:146 Resp: 133413

Ion Ratio Lower Upper

146 100

111 41.5 31.4 47.2

148 61.0 46.4 69.6



#68

1,2-Dibromo-3-chloropropane

Concen: 34.854 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.000 min

Lab File: VW028557.D

Acq: 01 May 2024 11:25

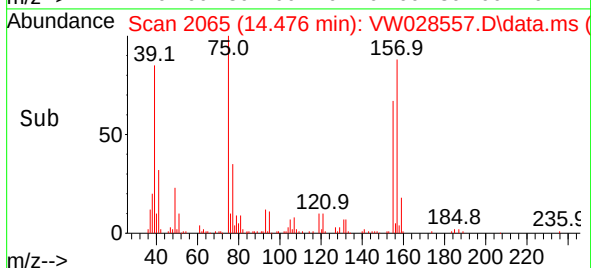
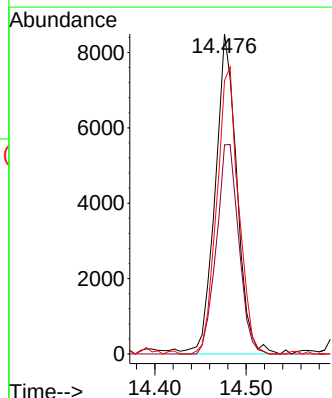
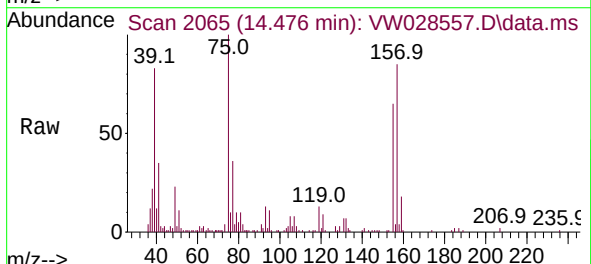
Tgt Ion: 75 Resp: 13957

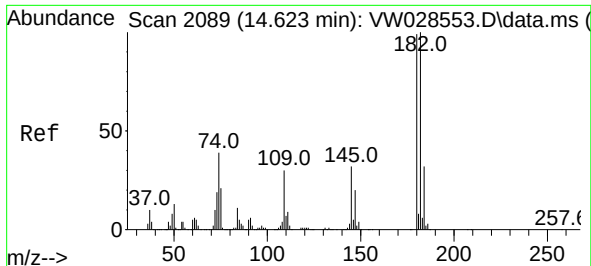
Ion Ratio Lower Upper

75 100

155 65.4 61.2 91.8

157 85.5 73.3 109.9





#69

1,3,5-Trichlorobenzene

Concen: 15.189 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

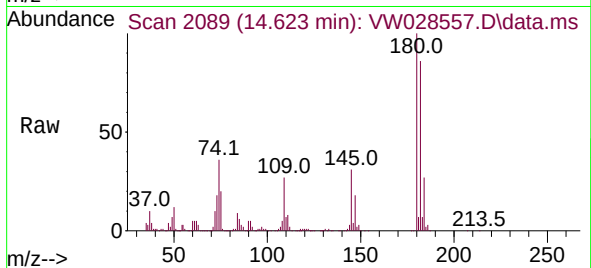
Lab File: VW028557.D

Acq: 01 May 2024 11:25

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 63548

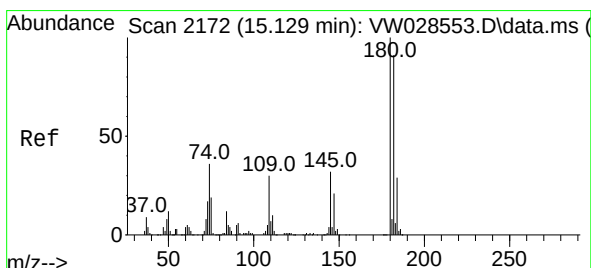
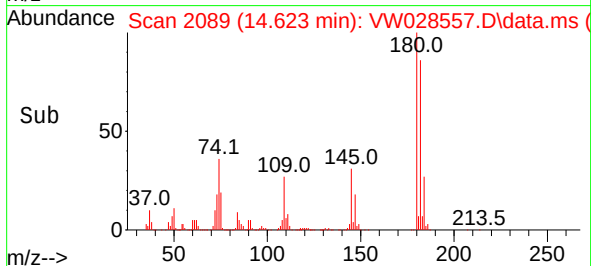
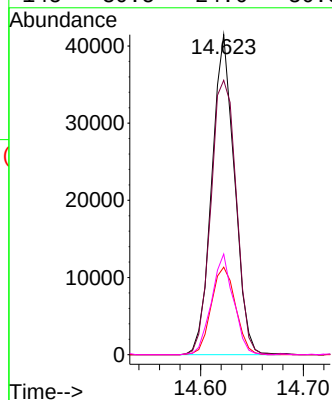
Ion Ratio Lower Upper

180 100

182 95.8 77.4 116.0

184 29.3 24.8 37.2

145 30.5 24.6 36.8



#70

1,2,4-trichlorobenzene

Concen: 13.650 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. -0.000 min

Lab File: VW028557.D

Acq: 01 May 2024 11:25

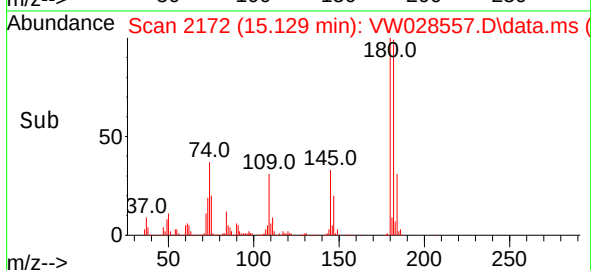
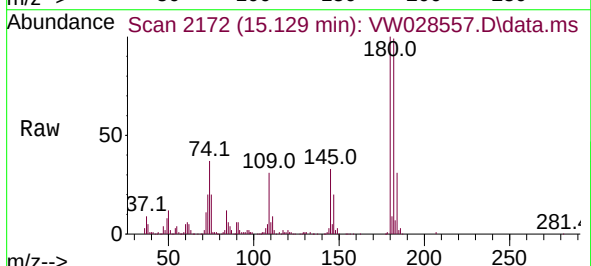
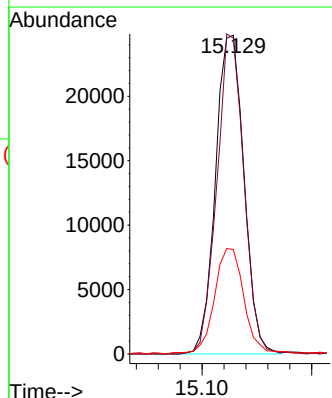
Tgt Ion:180 Resp: 44599

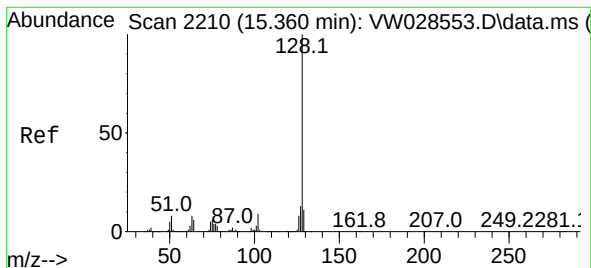
Ion Ratio Lower Upper

180 100

182 95.0 71.5 107.3

145 33.7 23.5 35.3





#71

Naphthalene

Concen: 16.714 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. -0.000 min

Lab File: VW028557.D

Acq: 01 May 2024 11:25

Instrument :

MSVOA_W

ClientSampleId :

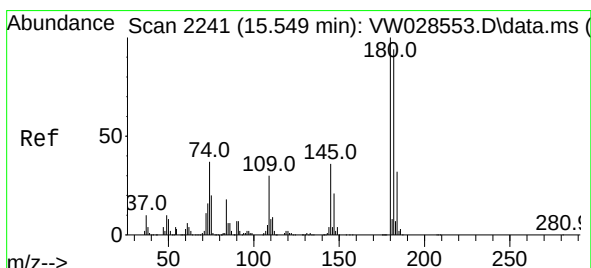
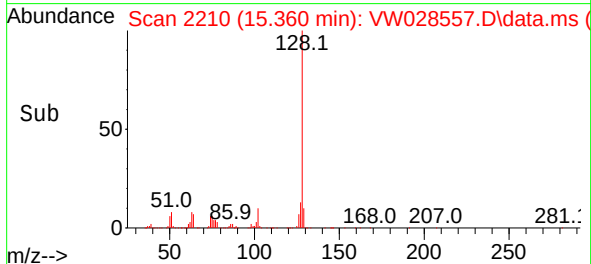
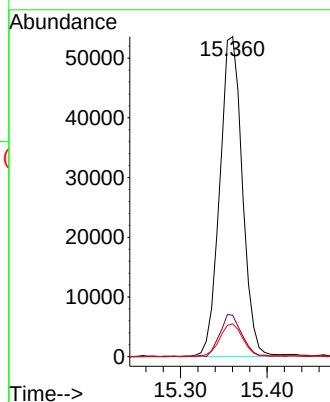
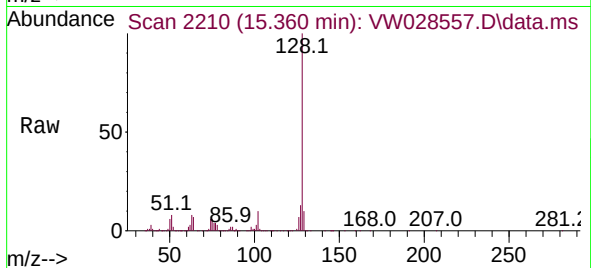
Tgt Ion:128 Resp: 96650

Ion Ratio Lower Upper

128 100

127 12.9 10.7 16.1

129 10.6 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 12.233 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. -0.000 min

Lab File: VW028557.D

Acq: 01 May 2024 11:25

Tgt Ion:180 Resp: 35466

Ion Ratio Lower Upper

180 100

182 97.7 75.7 113.5

145 36.4 26.2 39.4

