

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060424\
 Data File : VW028982.D
 Acq On : 04 Jun 2024 09:05
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 05 00:44:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060324SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jun 04 02:14:06 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	307661	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	289997	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	149474	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	129144	26.423	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	105.680%
7) Chloroethane-d5	2.899	69	97425	25.958	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.840%
11) 1,1-Dichloroethene-d2	4.021	65	54592	25.413	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	101.640%
21) 2-Butanone-d5	7.075	46	50402	50.472	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.940%
24) Chloroform-d	7.648	84	223015	25.408	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.640%
26) 1,2-Dichloroethane-d4	8.307	65	118309	25.603	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.400%
32) Benzene-d6	8.276	84	449158	25.235	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.920%
36) 1,2-Dichloropropane-d6	9.270	67	131893	24.440	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.760%
41) Toluene-d8	10.318	98	403924	25.430	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.720%
43) trans-1,3-Dichloroprop...	10.575	79	50268	24.241	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.960%
47) 2-Hexanone-d5	10.922	63	36298	50.968	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.940%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	92719	24.731	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.920%
66) 1,2-Dichlorobenzene-d4	13.848	152	123475	23.279	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.120%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	80193	22.826	ug/L	98
3) Chloromethane	2.222	50	103751	24.173	ug/L	99
5) Vinyl chloride	2.375	62	128133	24.663	ug/L	99
6) Bromomethane	2.789	94	77532	24.907	ug/L	99
8) Chloroethane	2.936	64	79750	25.418	ug/L	99
9) Trichlorofluoromethane	3.271	101	100826	23.346	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	109971	25.807	ug/L	96
12) 1,1-Dichloroethene	4.045	96	98009	25.202	ug/L	96
13) Acetone	4.118	43	65783	62.860	ug/L	98
14) Carbon disulfide	4.393	76	330447	25.098	ug/L	100
15) Methyl Acetate	4.667	43	45511	26.184	ug/L	100
16) Methylene chloride	4.917	84	111609	24.171	ug/L	95
17) trans-1,2-Dichloroethene	5.429	96	108134	25.503	ug/L	99
18) Methyl tert-butyl Ether	5.429	73	146254	24.736	ug/L	99
19) 1,1-Dichloroethane	6.216	63	210684	25.274	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	114132	25.675	ug/L	97
22) 2-Butanone	7.167	43	76382	60.571	ug/L	98
23) Bromochloromethane	7.514	128	48301	24.892	ug/L	97
25) Chloroform	7.673	83	207061	25.574	ug/L	98

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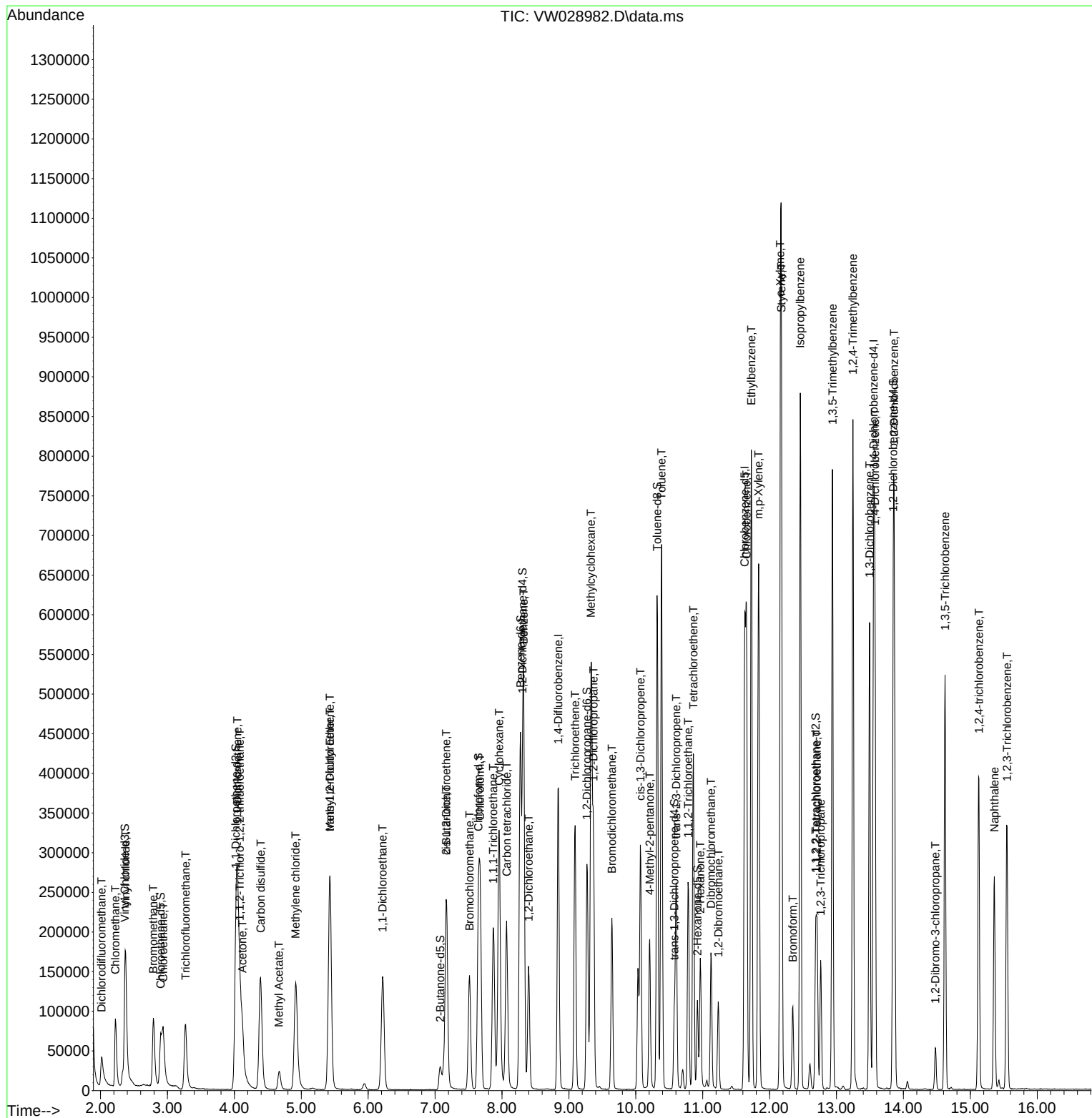
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	139424	25.697	ug/L	100
29) Cyclohexane	7.959	56	186289	25.837	ug/L	99
30) 1,1,1-Trichloroethane	7.868	97	167551	24.936	ug/L	99
31) Carbon tetrachloride	8.069	117	157637	25.757	ug/L	96
33) Benzene	8.325	78	458416	25.422	ug/L	100
34) Trichloroethene	9.093	95	118735	25.046	ug/L	90
35) Methylcyclohexane	9.331	83	210973	26.234	ug/L	99
37) 1,2-Dichloropropane	9.367	63	120448	25.508	ug/L	100
38) Bromodichloromethane	9.642	83	143321	24.887	ug/L	94
39) cis-1,3-Dichloropropene	10.069	75	177703	25.895	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	127712	53.173	ug/L	99
42) Toluene	10.386	91	481955	26.164	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	141232	25.528	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	79074	24.795	ug/L	98
46) Tetrachloroethene	10.861	164	90592	25.152	ug/L	97
48) 2-Hexanone	10.965	43	105924	58.822	ug/L	98
49) Dibromochloromethane	11.123	129	86826	25.777	ug/L	99
50) 1,2-Dibromoethane	11.233	107	73089	25.106	ug/L	98
51) Chlorobenzene	11.654	112	296069	25.020	ug/L	98
52) Ethylbenzene	11.727	91	544854	26.033	ug/L	97
53) m,p-Xylene	11.836	106	203008	26.187	ug/L	97
54) o-Xylene	12.160	106	191869	26.730	ug/L	100
55) Styrene	12.178	104	333374	26.938	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.708	83	91642	25.455	ug/L	94
59) Bromoform	12.349	173	47176	24.544	ug/L	99
60) Isopropylbenzene	12.458	105	531364	25.119	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	67435	23.917	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	392919	25.538	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	426296	26.217	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	221344	24.348	ug/L	91
65) 1,4-Dichlorobenzene	13.574	146	227049	23.914	ug/L	88
67) 1,2-Dichlorobenzene	13.861	146	193465	23.744	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.476	75	14533	24.183	ug/L	95
69) 1,3,5-Trichlorobenzene	14.623	180	154817	24.804	ug/L	96
70) 1,2,4-trichlorobenzene	15.129	180	124061	24.524	ug/L	96
71) Naphthalene	15.360	128	215682	25.023	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	107111	24.782	ug/L	98

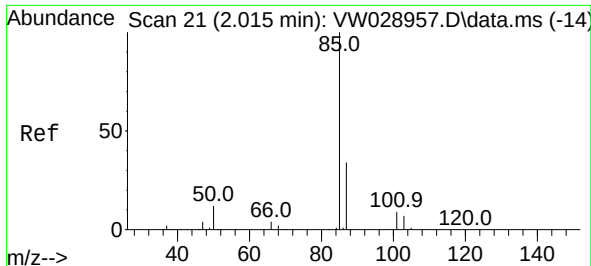
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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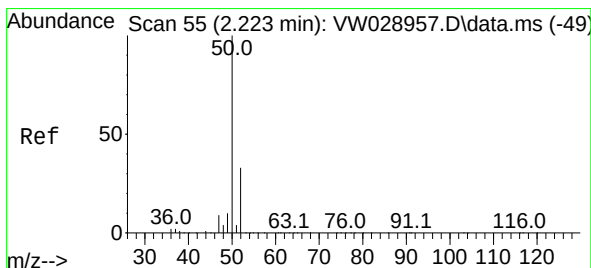
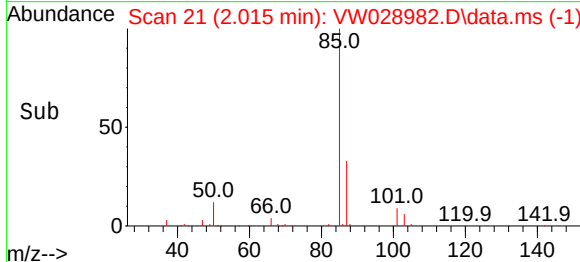
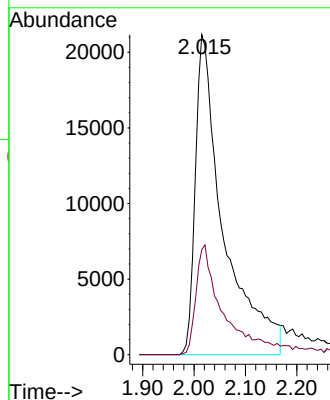
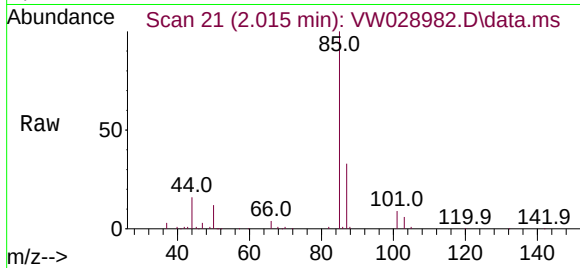




#2
 Dichlorodifluoromethane
 Concen: 22.826 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW028982.D
 Acq: 04 Jun 2024 09:05

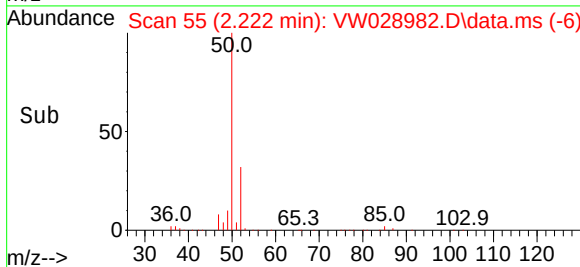
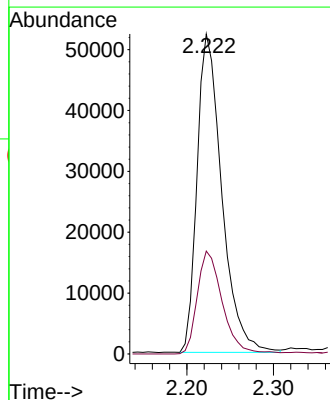
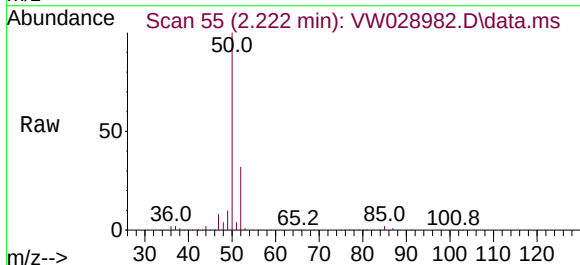
Instrument :
 MSVOA_W
 ClientSampleId :

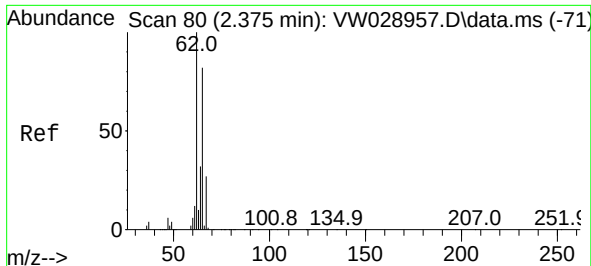
Tgt Ion: 85 Resp: 80193
 Ion Ratio Lower Upper
 85 100
 87 30.2 25.3 37.9



#3
 Chloromethane
 Concen: 24.173 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VW028982.D
 Acq: 04 Jun 2024 09:05

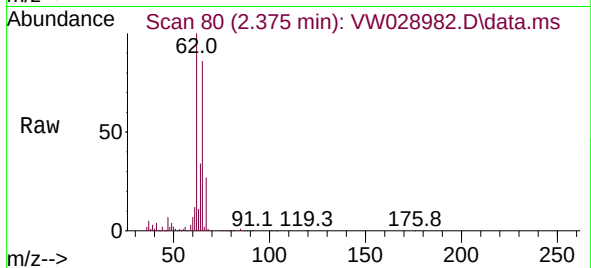
Tgt Ion: 50 Resp: 103751
 Ion Ratio Lower Upper
 50 100
 52 32.2 22.1 41.1



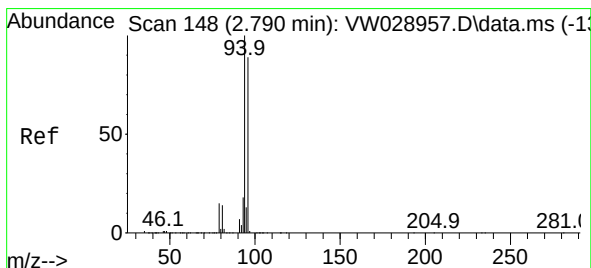
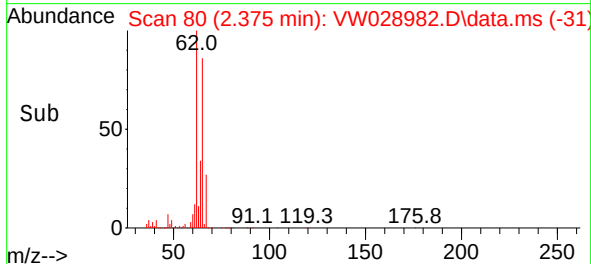
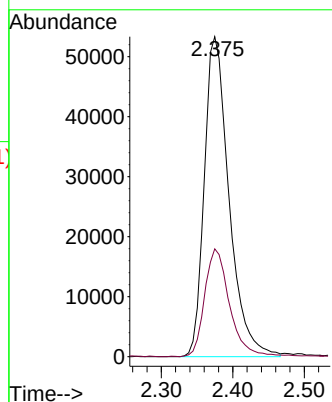


#5
 Vinyl chloride
 Concen: 24.663 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW028982.D
 Acq: 04 Jun 2024 09:05

Instrument :
 MSVOA_W
 ClientSampleId :

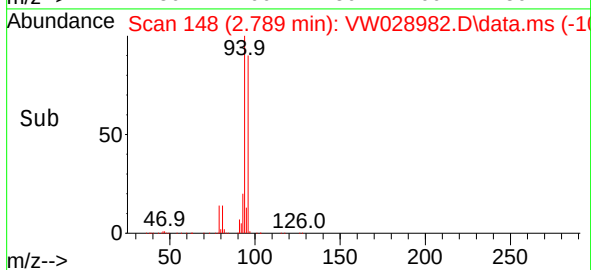
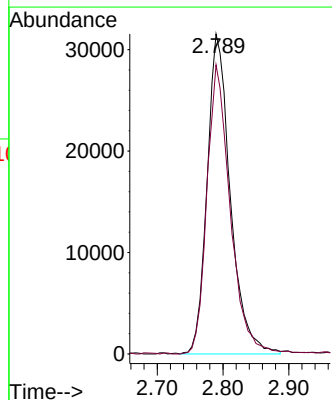
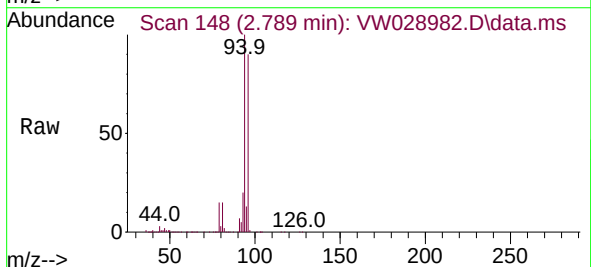


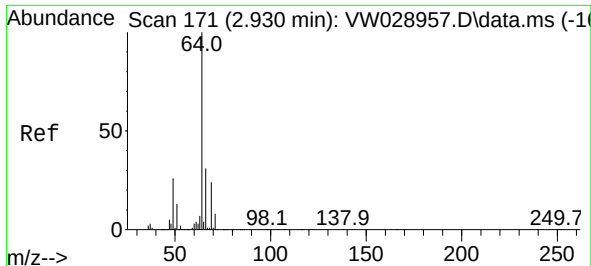
Tgt Ion: 62 Resp: 128133
 Ion Ratio Lower Upper
 62 100
 64 33.7 23.4 43.4



#6
 Bromomethane
 Concen: 24.907 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.006 min
 Lab File: VW028982.D
 Acq: 04 Jun 2024 09:05

Tgt Ion: 94 Resp: 77532
 Ion Ratio Lower Upper
 94 100
 96 90.3 63.7 118.3

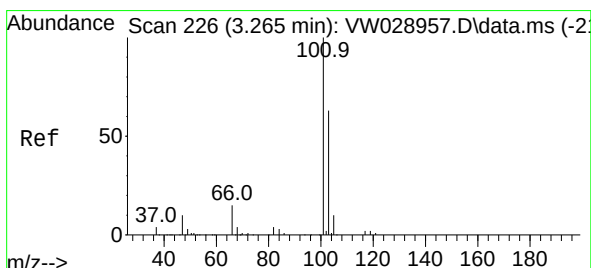
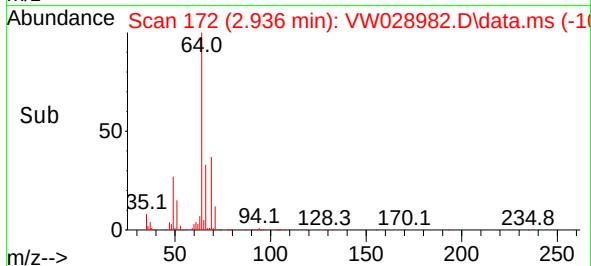
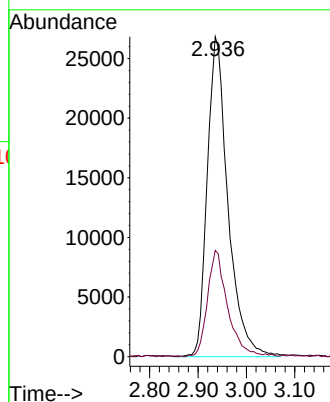
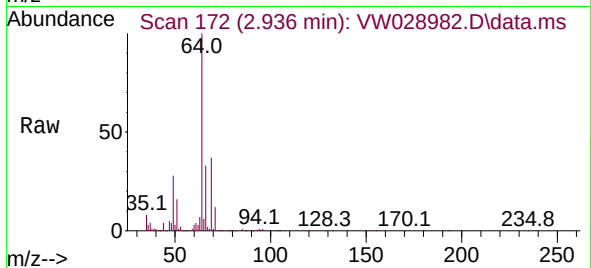




#8
Chloroethane
Concen: 25.418 ug/L
RT: 2.936 min Scan# 171
Delta R.T. -0.000 min
Lab File: VW028982.D
Acq: 04 Jun 2024 09:05

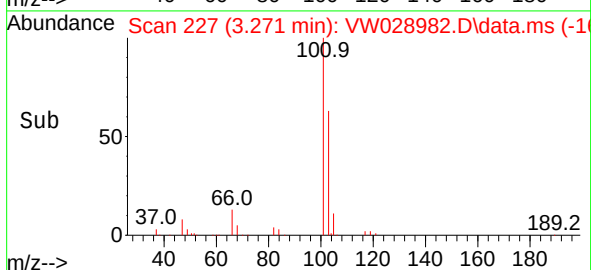
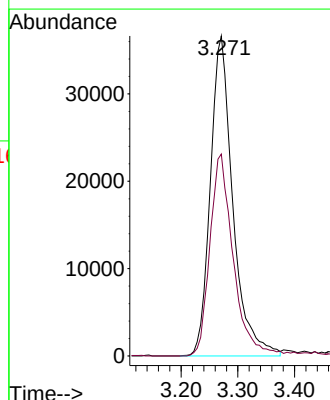
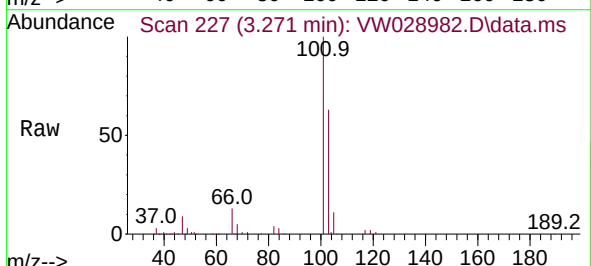
Instrument :
MSVOA_W
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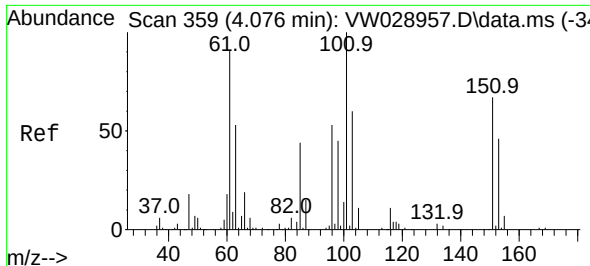
Tgt Ion: 64 Resp: 79750
Ion Ratio Lower Upper
64 100
66 33.2 22.9 42.5



#9
Trichlorofluoromethane
Concen: 23.346 ug/L
RT: 3.271 min Scan# 227
Delta R.T. -0.000 min
Lab File: VW028982.D
Acq: 04 Jun 2024 09:05

Tgt Ion:101 Resp: 100826
Ion Ratio Lower Upper
101 100
103 65.3 51.3 76.9





#10

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

Concen: 25.807 ug/L

RT: 4.082 min Scan# 3

Delta R.T. -0.000 min

Lab File: VW028982.D

Acq: 04 Jun 2024 09:05

Instrument :

MSVOA_W

ClientSampleId :

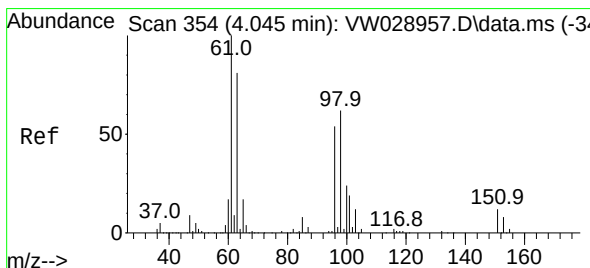
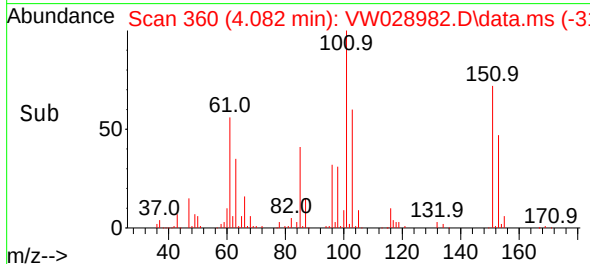
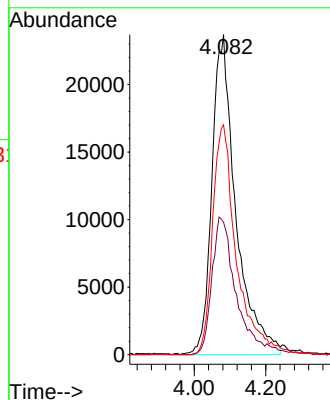
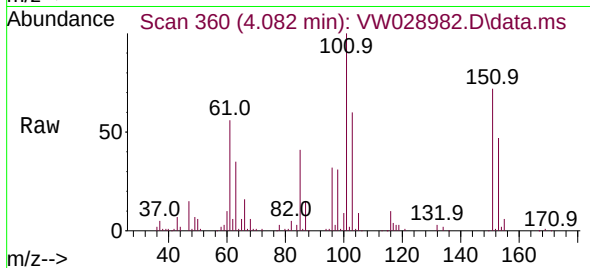
Tgt Ion:101 Resp: 109971

Ion Ratio Lower Upper

101 100

85 42.2 35.8 53.8

151 70.4 58.5 87.7



#12

1,1-Dichloroethene

Concen: 25.202 ug/L

RT: 4.045 min Scan# 354

Delta R.T. -0.000 min

Lab File: VW028982.D

Acq: 04 Jun 2024 09:05

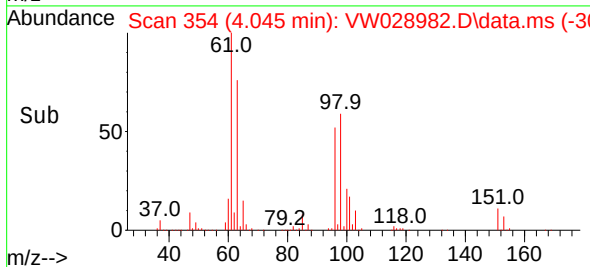
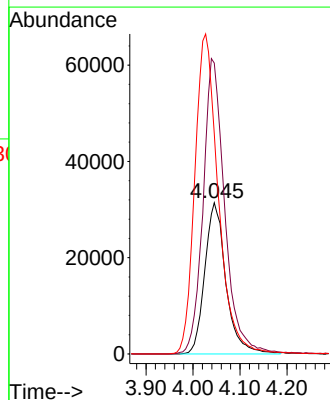
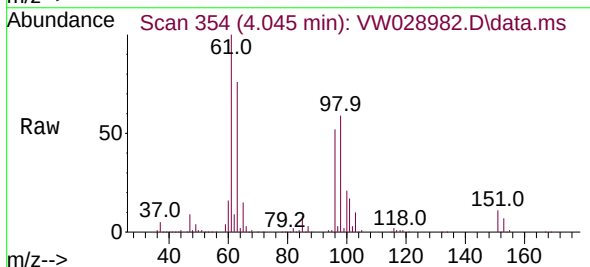
Tgt Ion: 96 Resp: 98009

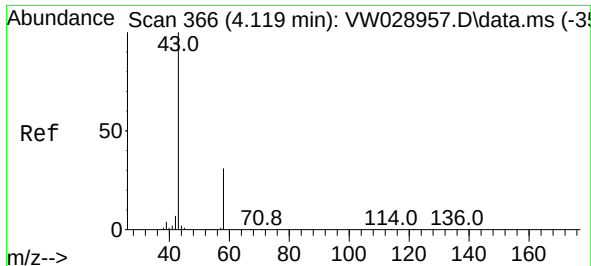
Ion Ratio Lower Upper

96 100

61 192.3 132.2 245.4

63 145.7 108.4 201.2

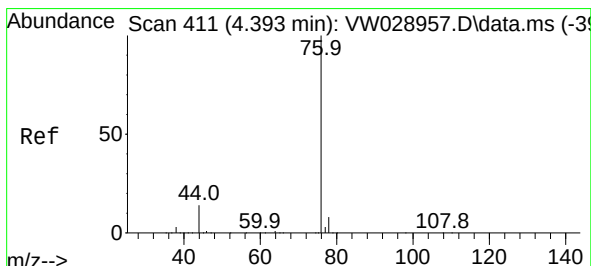
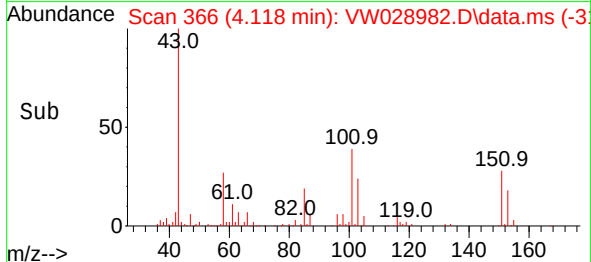
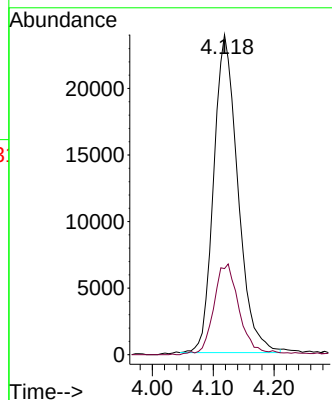
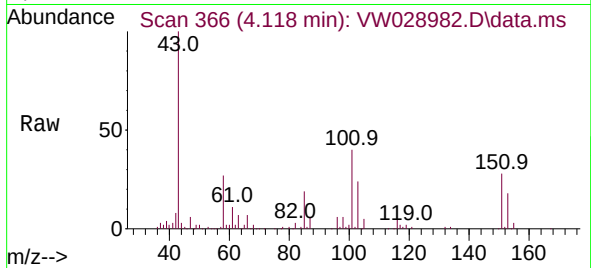




#13
Acetone
Concen: 62.860 ug/L
RT: 4.118 min Scan# 366
Delta R.T. -0.000 min
Lab File: VW028982.D
Acq: 04 Jun 2024 09:05

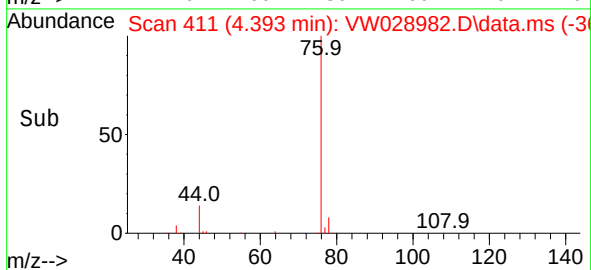
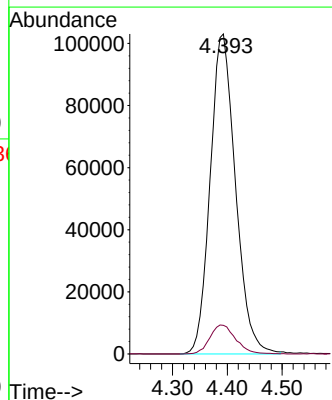
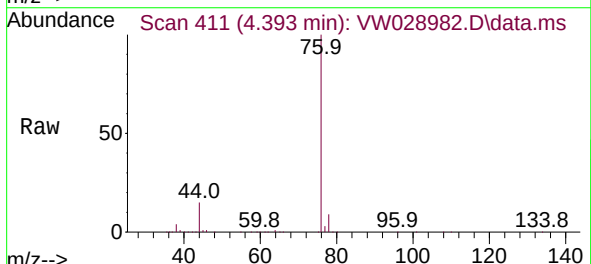
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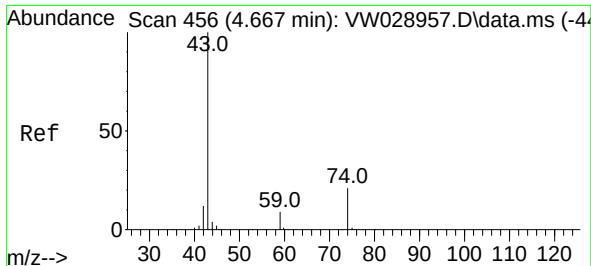
Tgt Ion: 43 Resp: 65783
Ion Ratio Lower Upper
43 100
58 28.9 0.0 59.4



#14
Carbon disulfide
Concen: 25.098 ug/L
RT: 4.393 min Scan# 411
Delta R.T. -0.000 min
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Tgt Ion: 76 Resp: 330447
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8

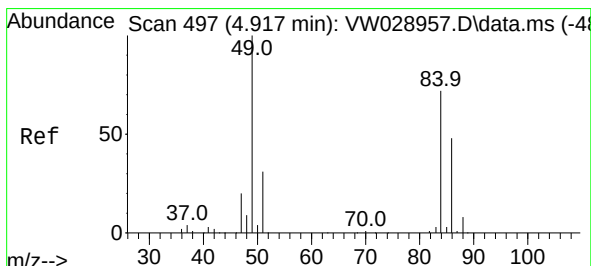
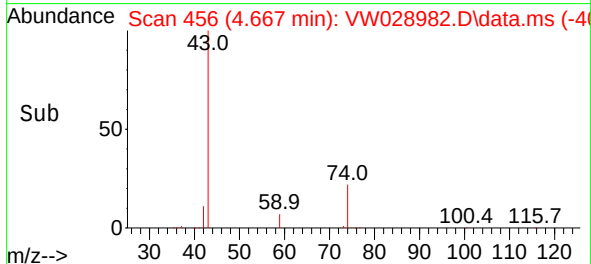
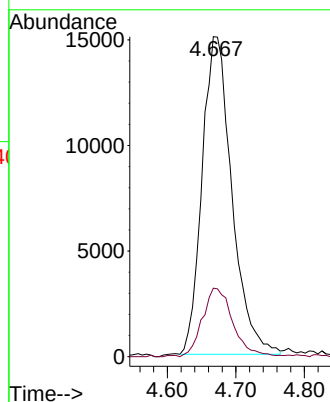
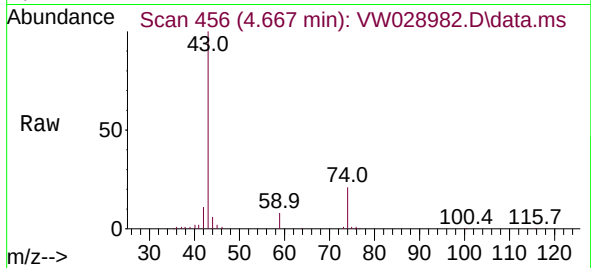




#15
Methyl Acetate
Concen: 26.184 ug/L
RT: 4.667 min Scan# 456
Delta R.T. -0.006 min
Lab File: VW028982.D
Acq: 04 Jun 2024 09:05

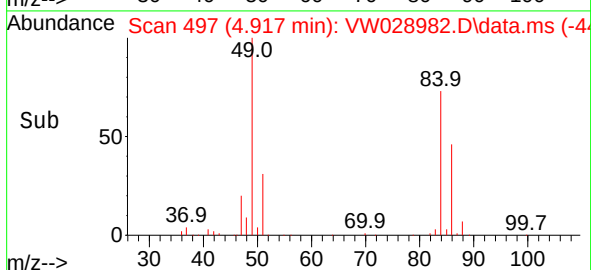
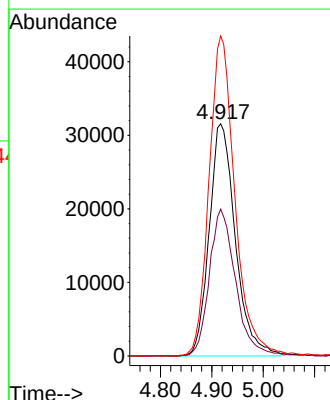
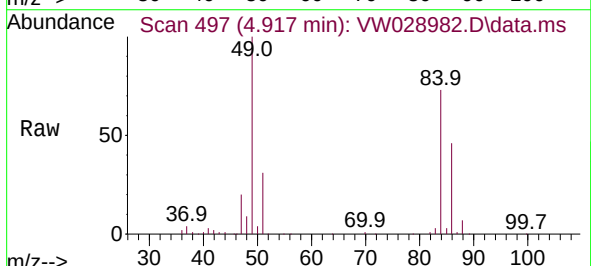
Instrument :
MSVOA_W
ClientSampleId :

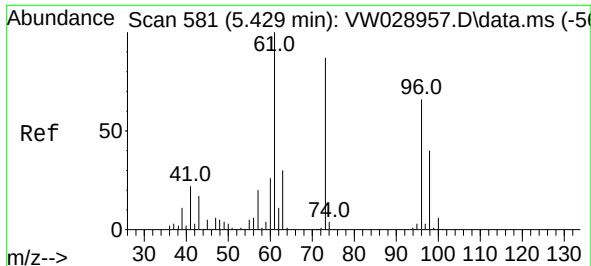
Tgt Ion: 43 Resp: 45511
Ion Ratio Lower Upper
43 100
74 22.0 17.4 26.2



#16
Methylene chloride
Concen: 24.171 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.000 min
Lab File: VW028982.D
Acq: 04 Jun 2024 09:05

Tgt Ion: 84 Resp: 111609
Ion Ratio Lower Upper
84 100
86 63.3 43.8 81.4
49 137.8 91.3 169.5





#17

trans-1,2-Dichloroethene

Concen: 25.503 ug/L

RT: 5.429 min Scan# 581

Delta R.T. -0.000 min

Lab File: VW028982.D

Acq: 04 Jun 2024 09:05

Instrument :

MSVOA_W

ClientSampleId :

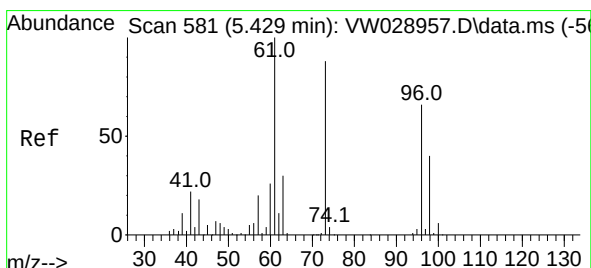
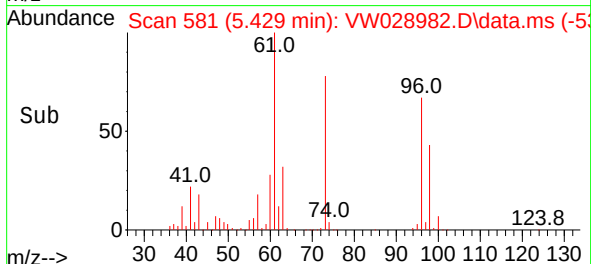
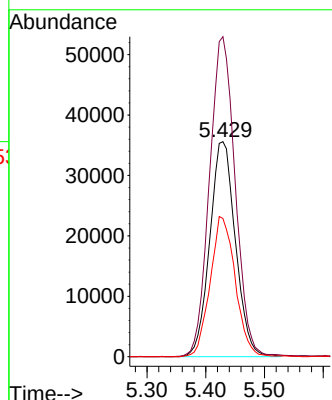
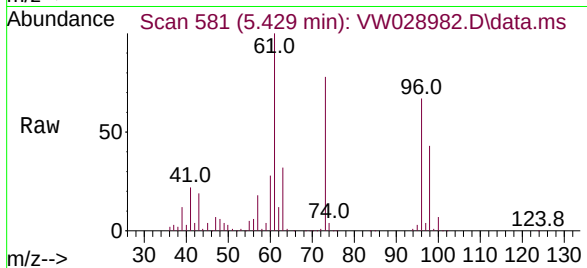
Tgt Ion: 96 Resp: 108134

Ion Ratio Lower Upper

96 100

61 148.8 104.6 194.2

98 64.3 44.0 81.8



#18

Methyl tert-butyl Ether

Concen: 24.736 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.006 min

Lab File: VW028982.D

Acq: 04 Jun 2024 09:05

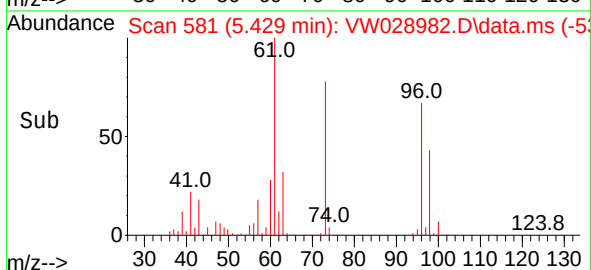
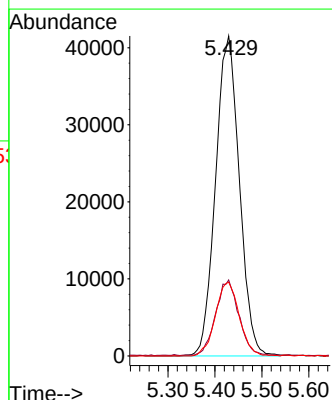
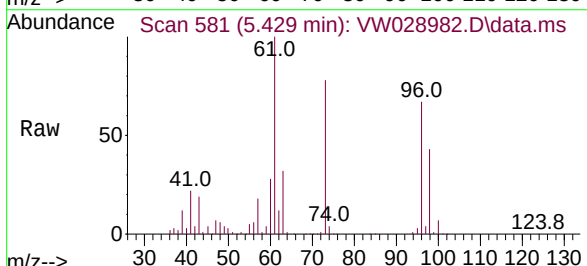
Tgt Ion: 73 Resp: 146254

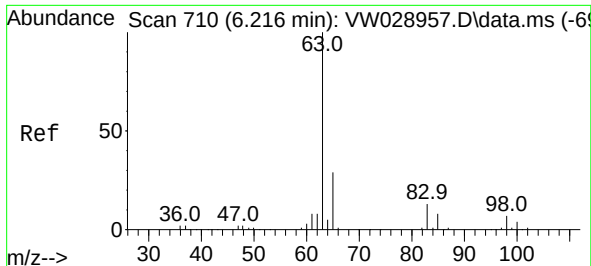
Ion Ratio Lower Upper

73 100

43 22.8 17.8 26.6

57 23.0 18.4 27.6





#19

1,1-Dichloroethane

Concen: 25.274 ug/L

RT: 6.216 min Scan# 710

Delta R.T. -0.006 min

Lab File: VW028982.D

Acq: 04 Jun 2024 09:05

Instrument :

MSVOA_W

ClientSampleId :

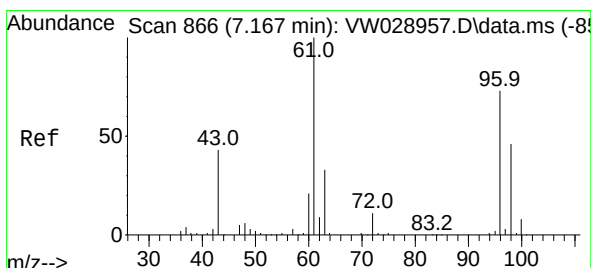
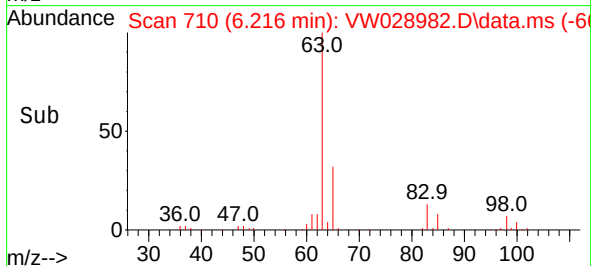
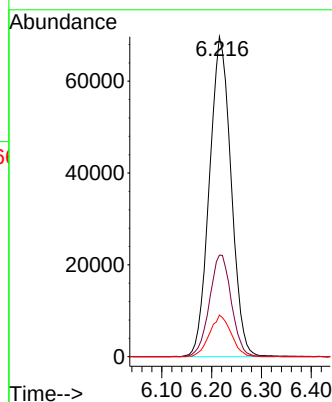
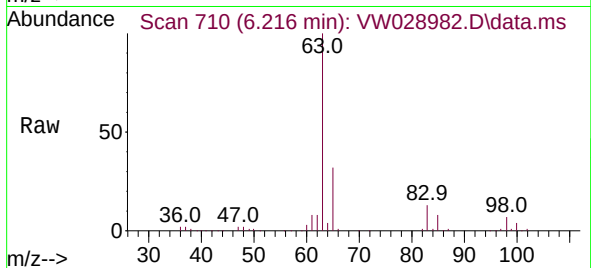
Tgt Ion: 63 Resp: 210684

Ion Ratio Lower Upper

63 100

65 31.8 21.8 40.6

83 13.0 8.8 16.3



#20

cis-1,2-Dichloroethene

Concen: 25.675 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.006 min

Lab File: VW028982.D

Acq: 04 Jun 2024 09:05

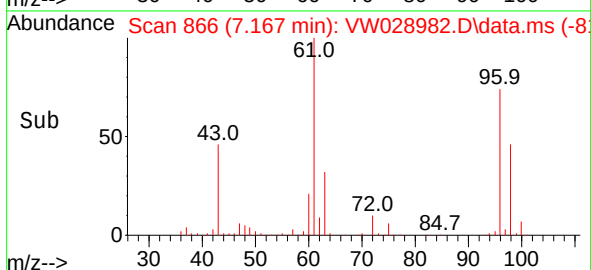
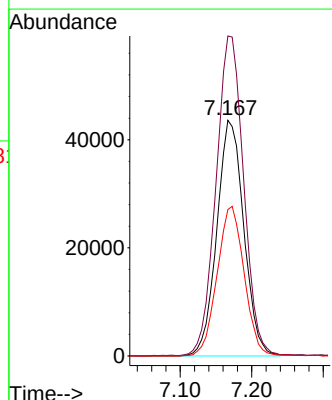
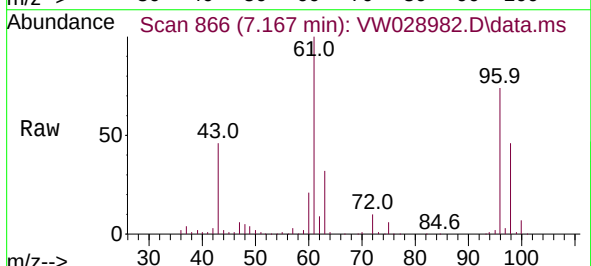
Tgt Ion: 96 Resp: 114132

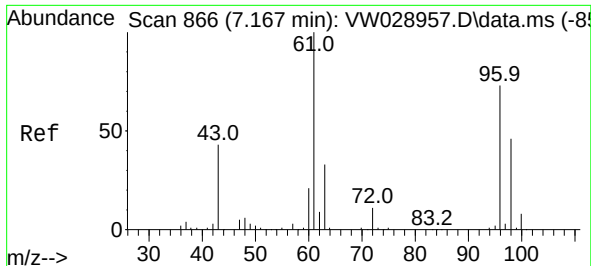
Ion Ratio Lower Upper

96 100

61 135.8 92.9 172.5

98 62.1 45.2 84.0





#22

2-Butanone

Concen: 60.571 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.006 min

Lab File: VW028982.D

Acq: 04 Jun 2024 09:05

Instrument :

MSVOA_W

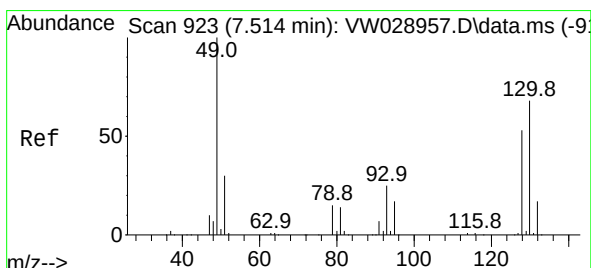
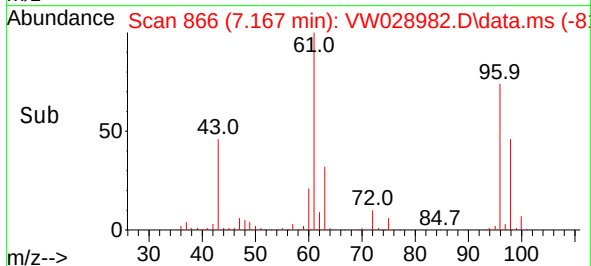
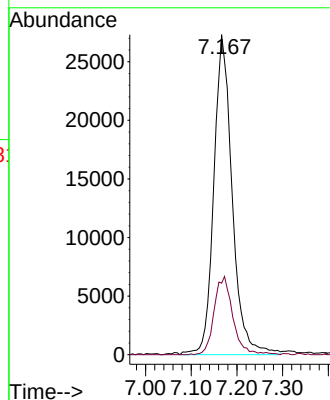
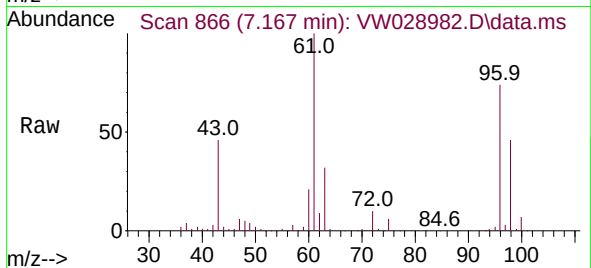
ClientSampleId :

Tgt Ion: 43 Resp: 76382

Ion Ratio Lower Upper

43 100

72 24.1 12.5 37.5



#23

Bromochloromethane

Concen: 24.892 ug/L

RT: 7.514 min Scan# 923

Delta R.T. -0.000 min

Lab File: VW028982.D

Acq: 04 Jun 2024 09:05

Tgt Ion: 128 Resp: 48301

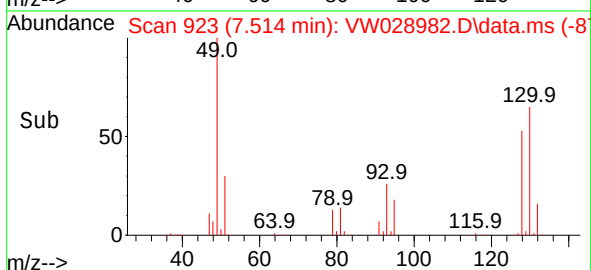
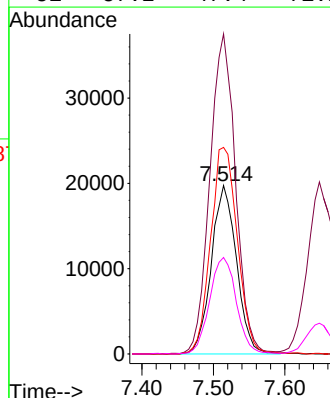
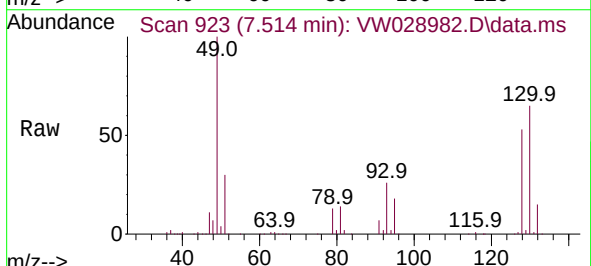
Ion Ratio Lower Upper

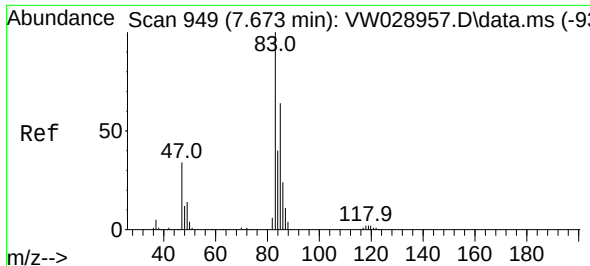
128 100

49 190.0 135.9 252.3

130 122.6 89.0 165.2

51 57.2 47.4 71.2





#25

Chloroform

Concen: 25.574 ug/L

RT: 7.673 min Scan# 949

Delta R.T. -0.006 min

Lab File: VW028982.D

Acq: 04 Jun 2024 09:05

Instrument :

MSVOA_W

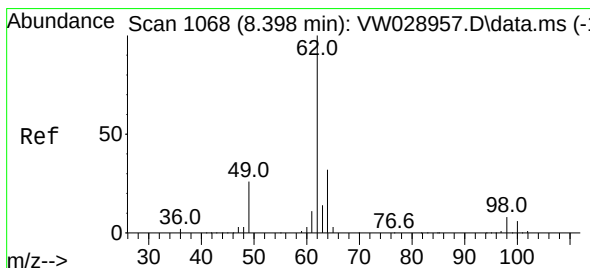
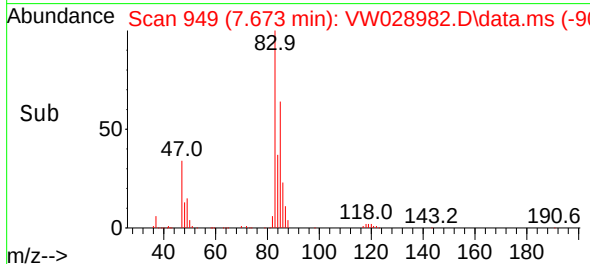
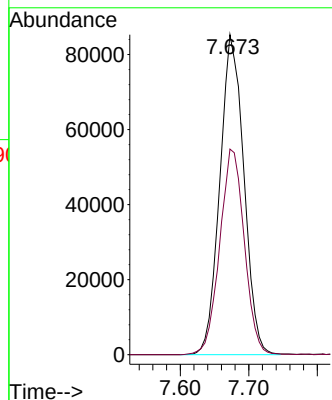
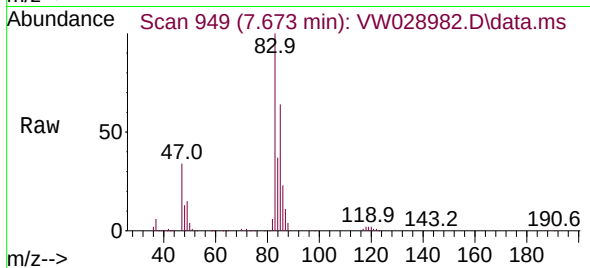
ClientSampleId :

Tgt Ion: 83 Resp: 207061

Ion Ratio Lower Upper

83 100

85 64.2 45.8 85.2



#27

1,2-Dichloroethane

Concen: 25.697 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.000 min

Lab File: VW028982.D

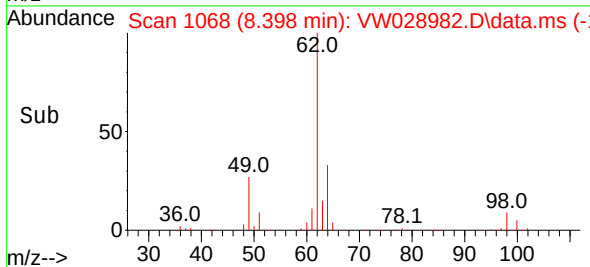
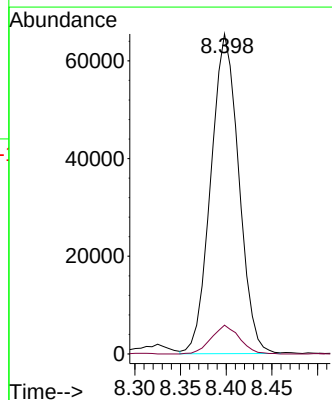
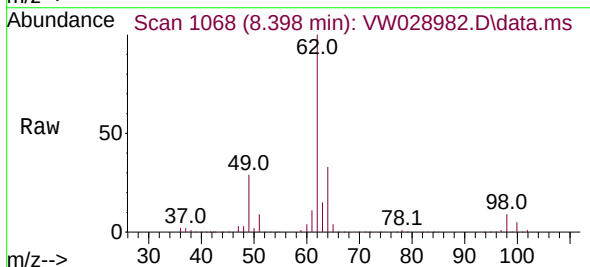
Acq: 04 Jun 2024 09:05

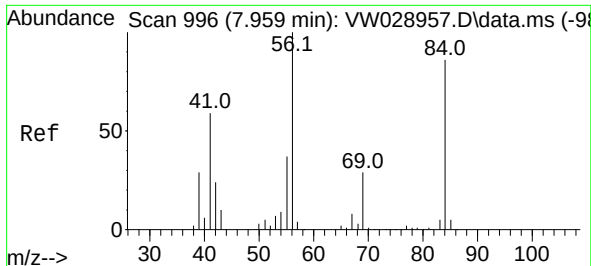
Tgt Ion: 62 Resp: 139424

Ion Ratio Lower Upper

62 100

98 9.0 7.1 10.7





#29

Cyclohexane

Concen: 25.837 ug/L

RT: 7.959 min Scan# 996

Delta R.T. -0.000 min

Lab File: VW028982.D

Acq: 04 Jun 2024 09:05

Instrument :

MSVOA_W

ClientSampleId :

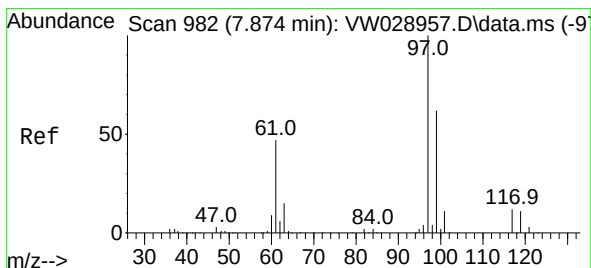
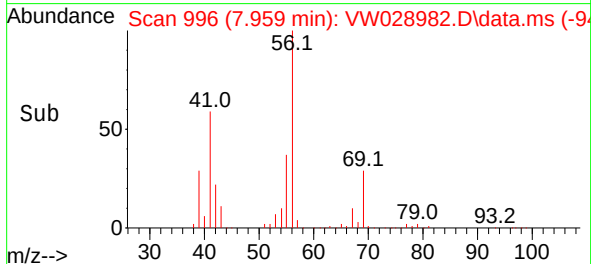
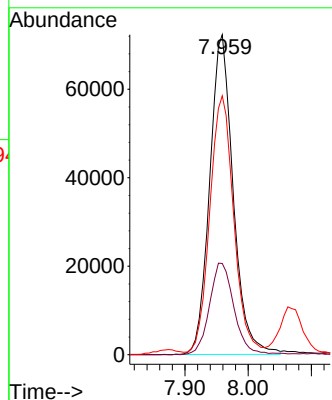
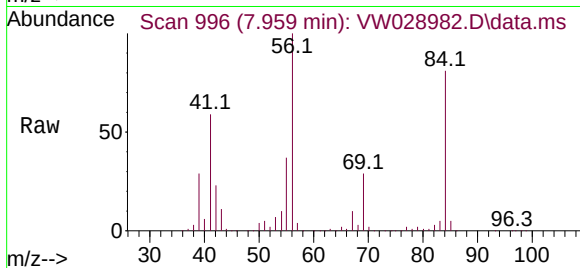
Tgt Ion: 56 Resp: 186289

Ion Ratio Lower Upper

56 100

69 29.7 24.2 36.4

84 82.9 65.4 98.2



#30

1,1,1-Trichloroethane

Concen: 24.936 ug/L

RT: 7.868 min Scan# 981

Delta R.T. -0.006 min

Lab File: VW028982.D

Acq: 04 Jun 2024 09:05

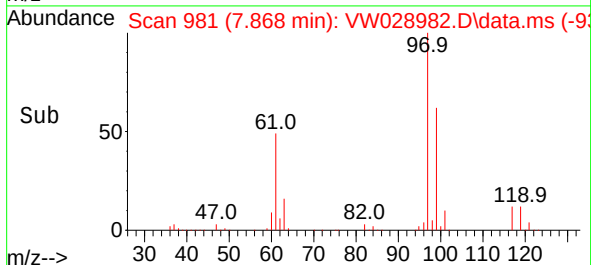
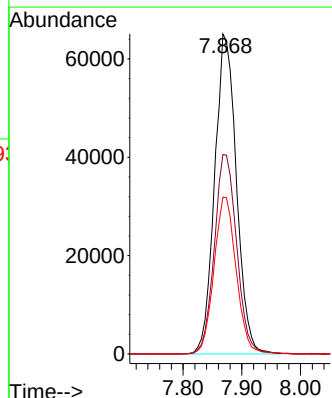
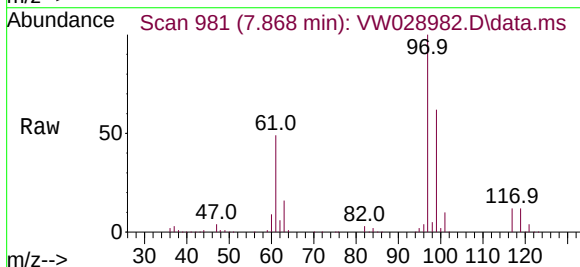
Tgt Ion: 97 Resp: 167551

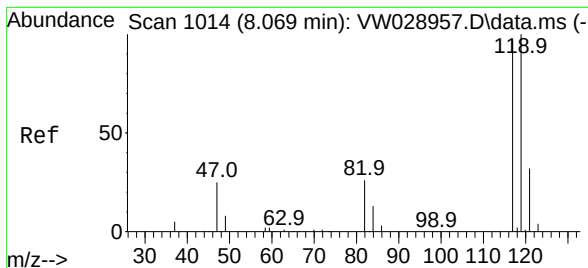
Ion Ratio Lower Upper

97 100

99 64.0 51.6 77.4

61 49.9 39.6 59.4

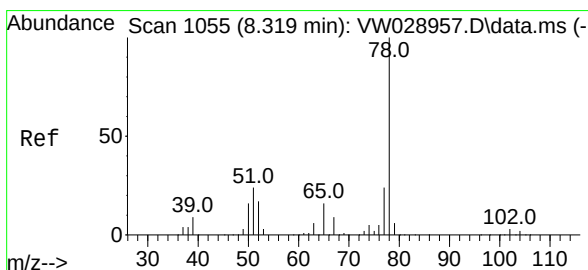
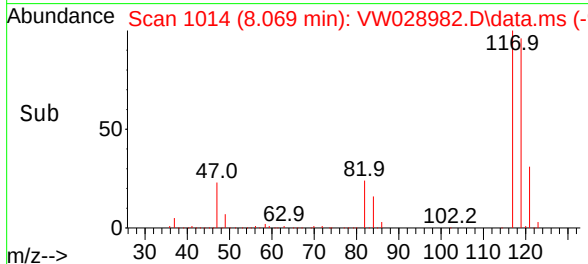
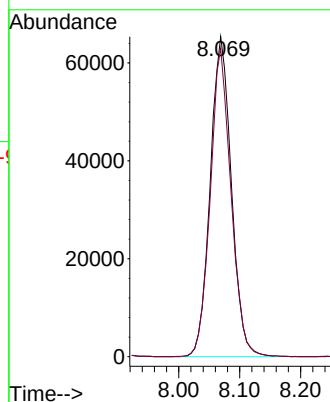
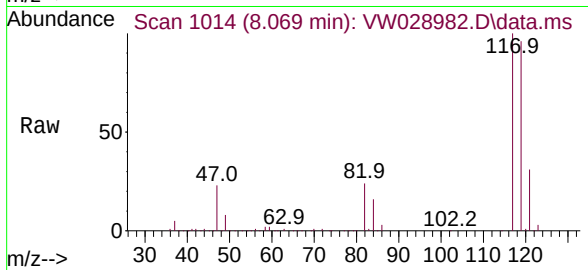




#31
Carbon tetrachloride
Concen: 25.757 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.006 min
Lab File: VW028982.D
Acq: 04 Jun 2024 09:05

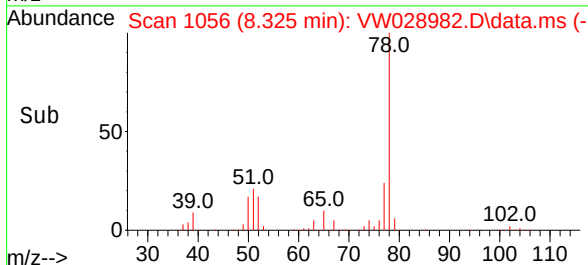
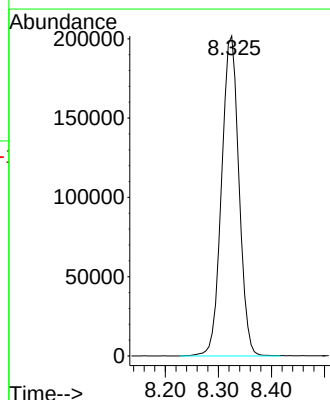
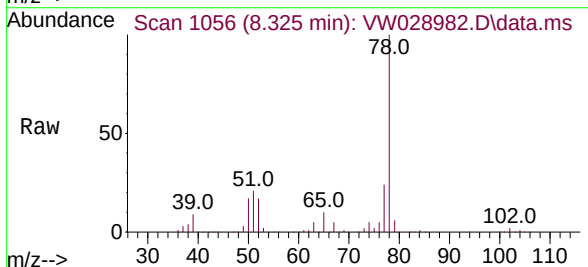
Instrument :
MSVOA_W
ClientSampleId :

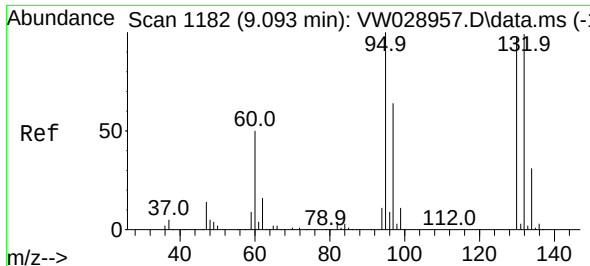
Tgt Ion:117 Resp: 157637
Ion Ratio Lower Upper
117 100
119 94.3 78.8 118.2



#33
Benzene
Concen: 25.422 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VW028982.D
Acq: 04 Jun 2024 09:05

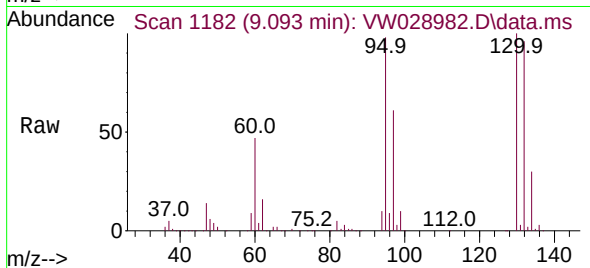
Tgt Ion: 78 Resp: 458416



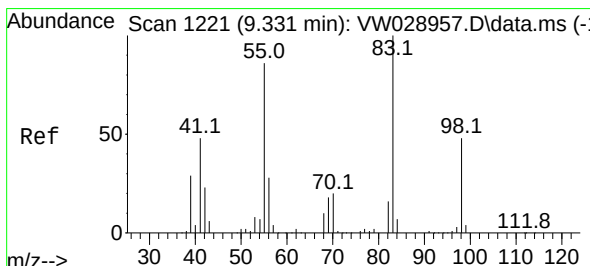
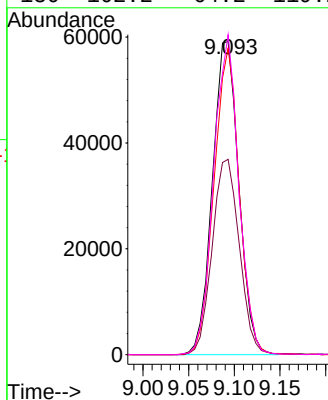
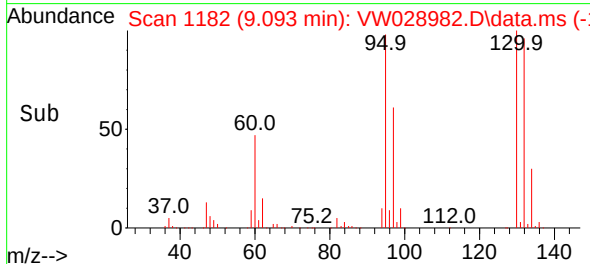


#34
Trichloroethene
Concen: 25.046 ug/L
RT: 9.093 min Scan# 1182
Delta R.T. -0.000 min
Lab File: VW028982.D
Acq: 04 Jun 2024 09:05

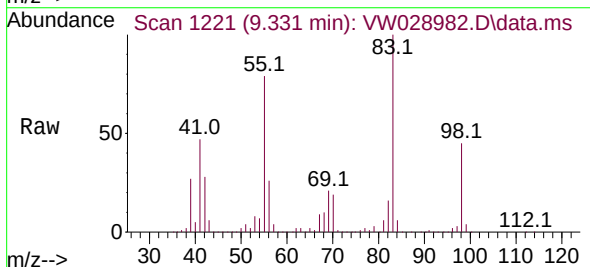
Instrument :
MSVOA_W
ClientSampleId :



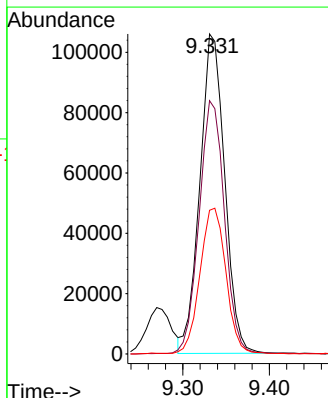
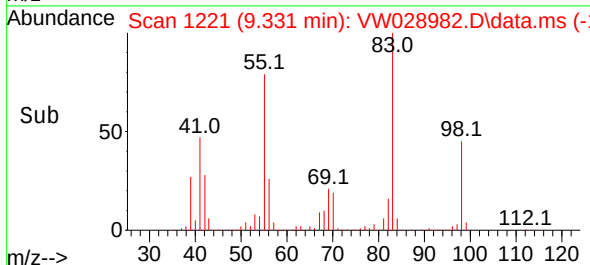
Tgt Ion: 95 Resp: 118735
Ion Ratio Lower Upper
95 100
97 62.4 41.9 77.7
132 97.9 60.1 111.5
130 102.2 64.2 119.2

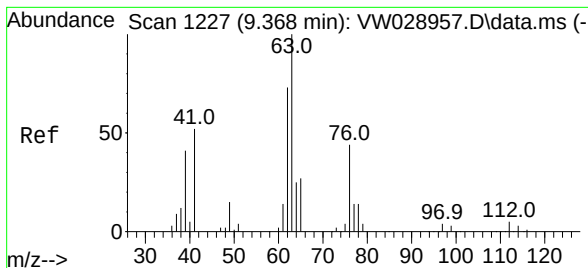


#35
Methylcyclohexane
Concen: 26.234 ug/L
RT: 9.331 min Scan# 1221
Delta R.T. -0.006 min
Lab File: VW028982.D
Acq: 04 Jun 2024 09:05



Tgt Ion: 83 Resp: 210973
Ion Ratio Lower Upper
83 100
55 80.7 65.8 98.6
98 47.7 38.4 57.6





#37

1,2-Dichloropropane

Concen: 25.508 ug/L

RT: 9.367 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VW028982.D

Acq: 04 Jun 2024 09:05

Instrument :

MSVOA_W

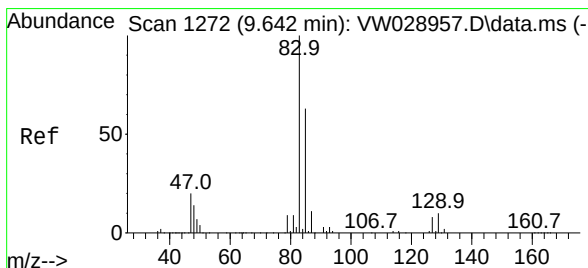
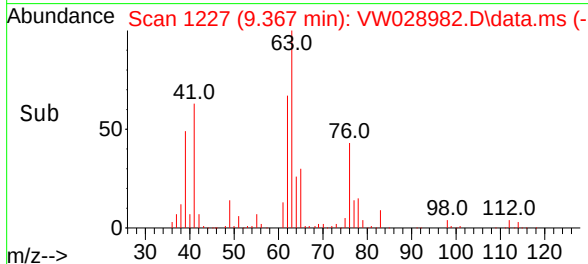
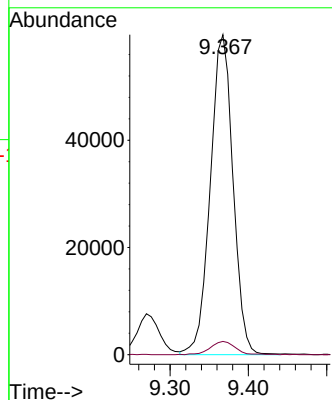
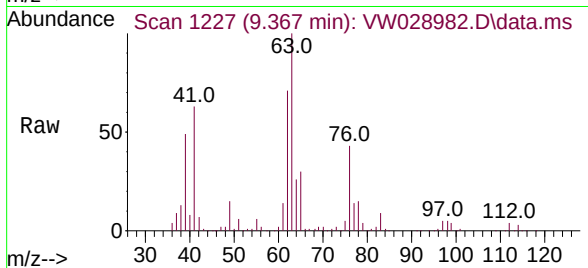
ClientSampleId :

Tgt Ion: 63 Resp: 120448

Ion Ratio Lower Upper

63 100

112 4.4 3.6 5.4



#38

Bromodichloromethane

Concen: 24.887 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW028982.D

Acq: 04 Jun 2024 09:05

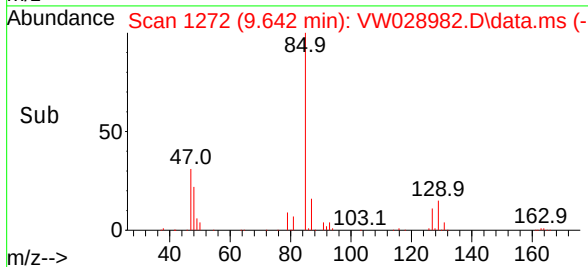
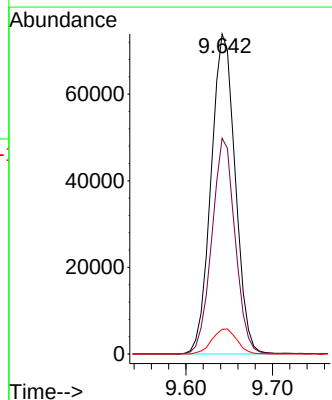
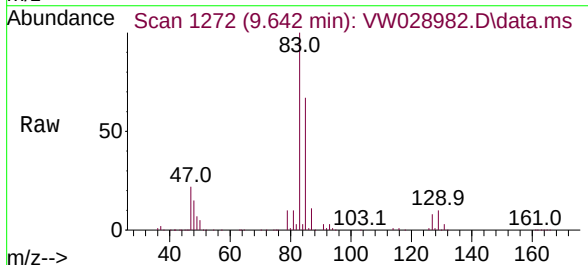
Tgt Ion: 83 Resp: 143321

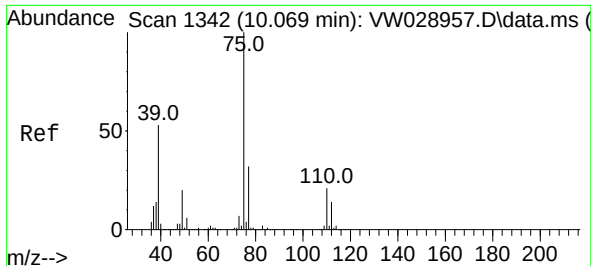
Ion Ratio Lower Upper

83 100

85 67.4 43.9 81.5

127 7.7 5.4 8.2





#39

cis-1,3-Dichloropropene

Concen: 25.895 ug/L

RT: 10.069 min Scan# 1342

Delta R.T. -0.006 min

Lab File: VW028982.D

Acq: 04 Jun 2024 09:05

Instrument :

MSVOA_W

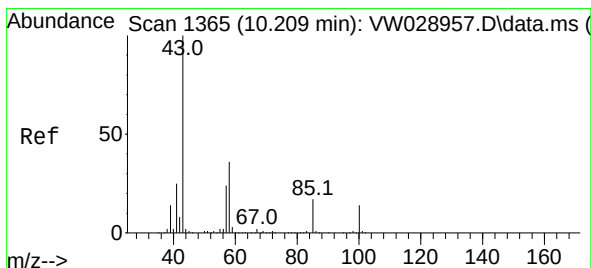
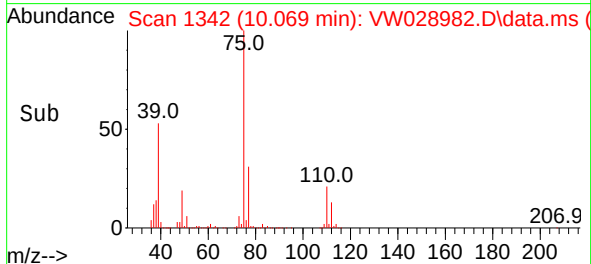
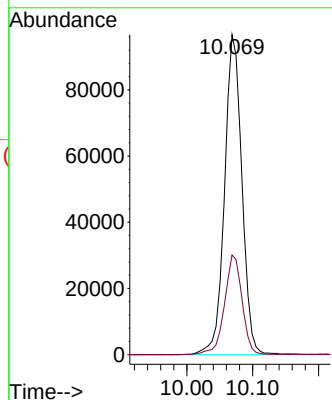
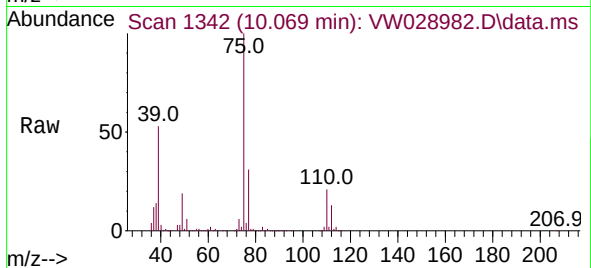
ClientSampleId :

Tgt Ion: 75 Resp: 177703

Ion Ratio Lower Upper

75 100

77 31.2 21.0 39.0



#40

4-Methyl-2-pentanone

Concen: 53.173 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW028982.D

Acq: 04 Jun 2024 09:05

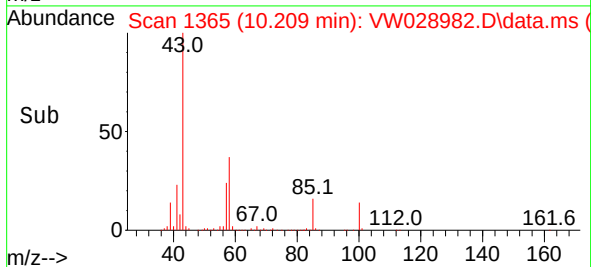
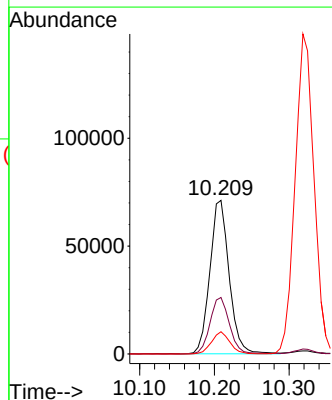
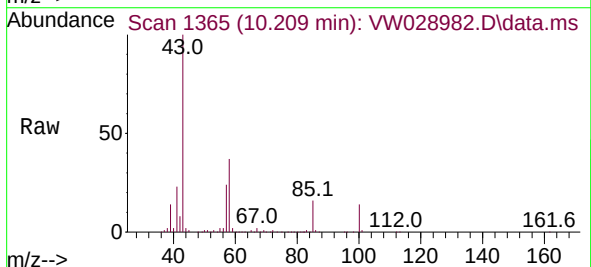
Tgt Ion: 43 Resp: 127712

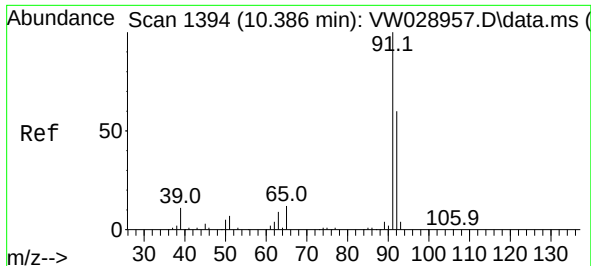
Ion Ratio Lower Upper

43 100

58 37.1 30.3 45.5

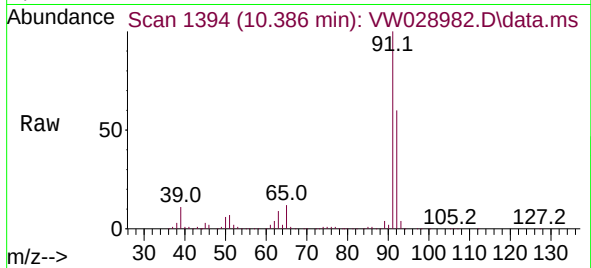
100 13.7 10.7 16.1



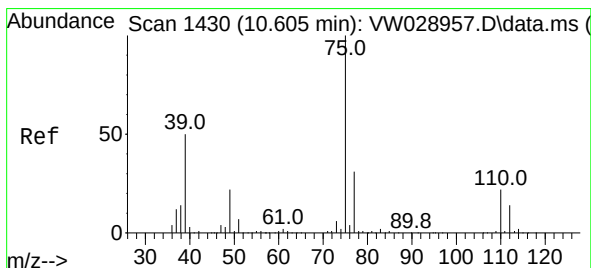
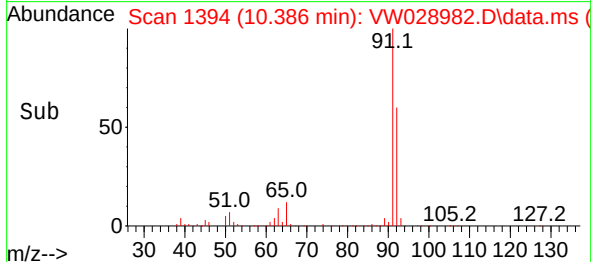
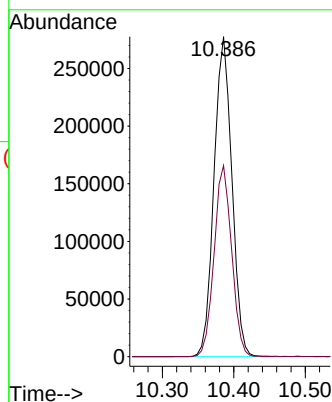


#42
Toluene
Concen: 26.164 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VW028982.D
Acq: 04 Jun 2024 09:05

Instrument :
MSVOA_W
ClientSampleId :

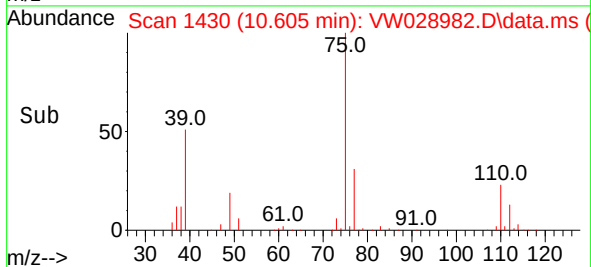
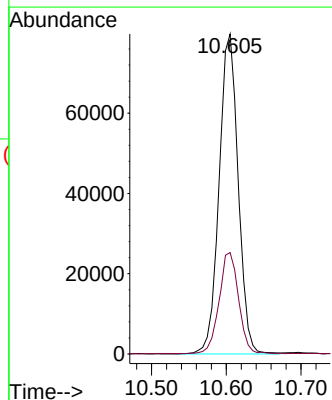
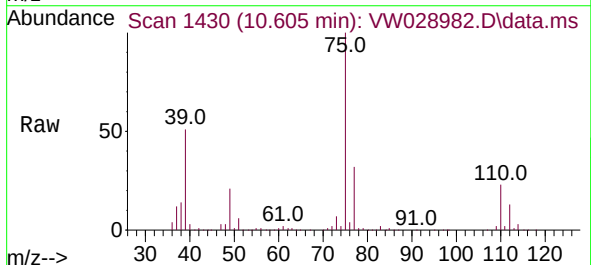


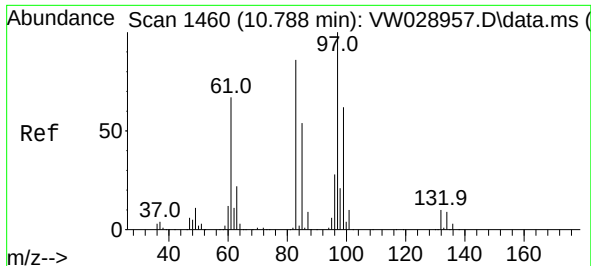
Tgt Ion: 91 Resp: 481955
Ion Ratio Lower Upper
91 100
92 59.7 41.2 76.4



#44
trans-1,3-Dichloropropene
Concen: 25.528 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW028982.D
Acq: 04 Jun 2024 09:05

Tgt Ion: 75 Resp: 141232
Ion Ratio Lower Upper
75 100
77 31.7 22.0 40.8





#45

1,1,2-Trichloroethane

Concen: 24.795 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. -0.000 min

Lab File: VW028982.D

Acq: 04 Jun 2024 09:05

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 79074

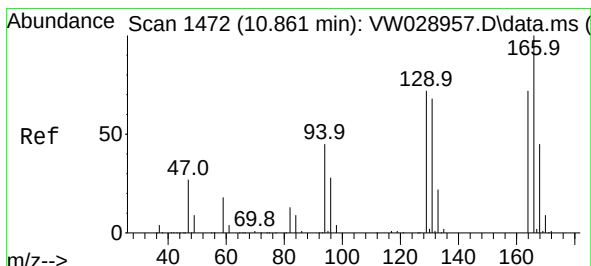
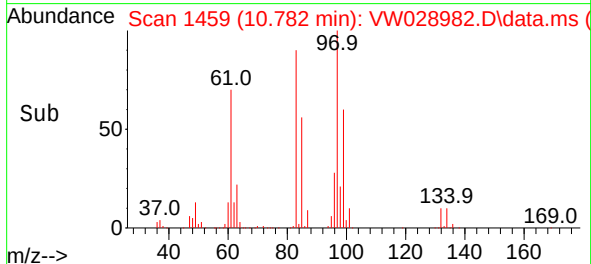
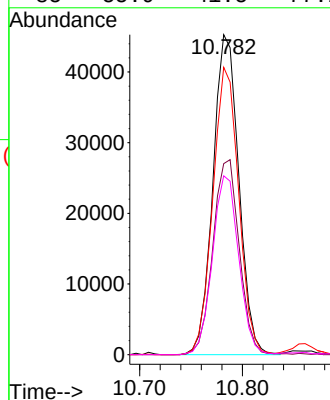
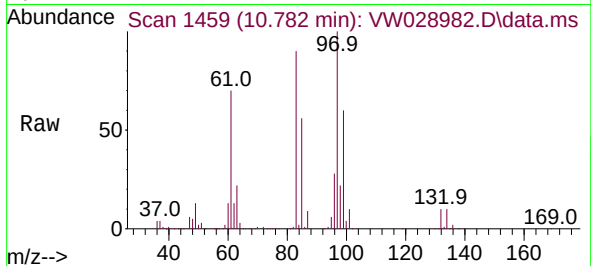
Ion Ratio Lower Upper

97 100

99 59.7 41.8 77.6

83 89.8 62.4 115.8

85 55.9 41.5 77.1



#46

Tetrachloroethene

Concen: 25.152 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VW028982.D

Acq: 04 Jun 2024 09:05

Tgt Ion:164 Resp: 90592

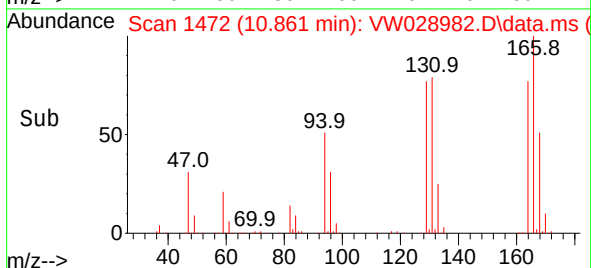
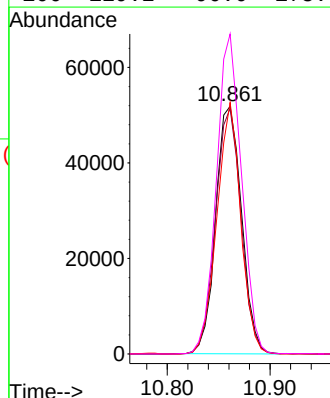
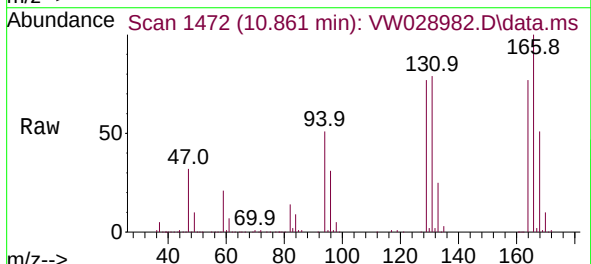
Ion Ratio Lower Upper

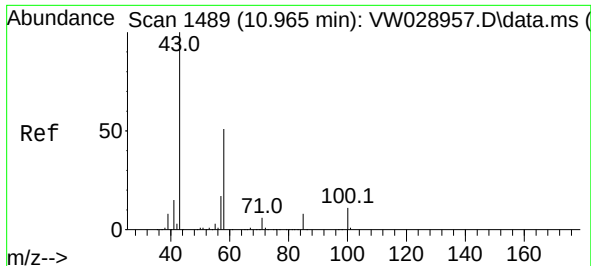
164 100

129 99.2 69.4 128.8

131 101.5 71.0 131.9

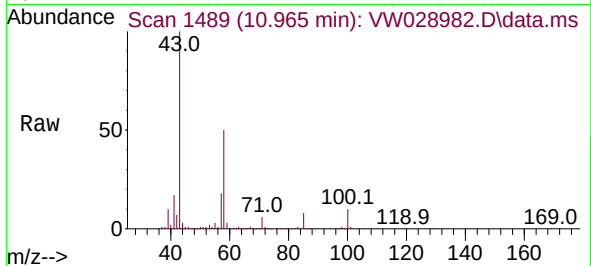
166 129.2 96.0 178.4



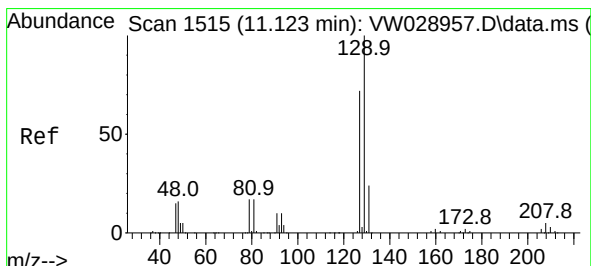
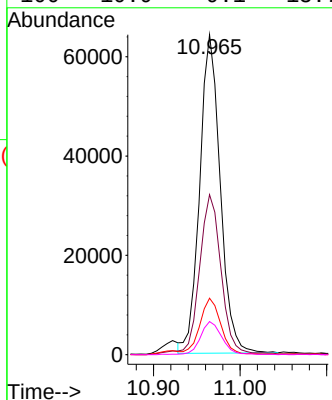
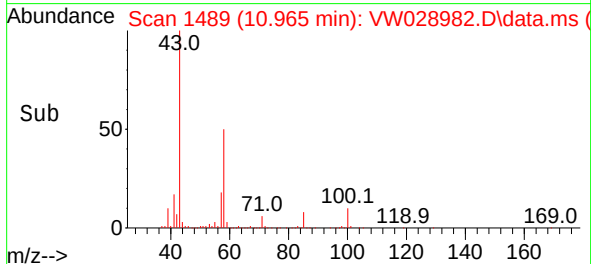


#48
2-Hexanone
Concen: 58.822 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW028982.D
Acq: 04 Jun 2024 09:05

Instrument :
MSVOA_W
ClientSampleId :

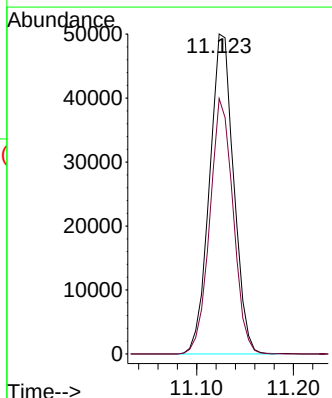
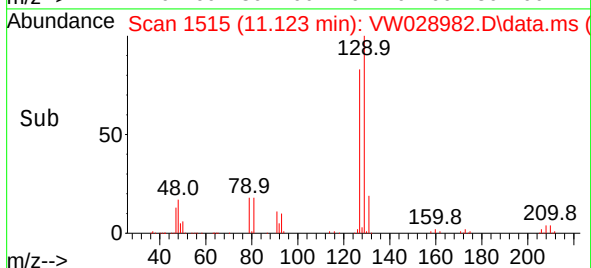
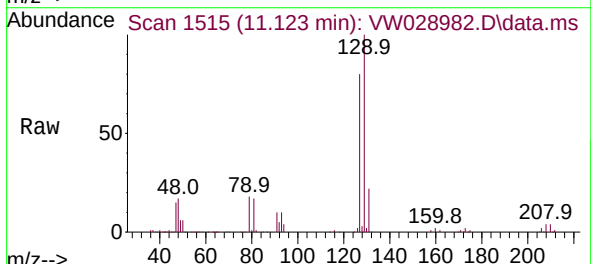


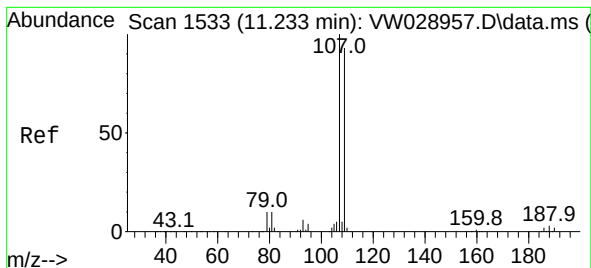
Tgt Ion: 43 Resp: 105924
Ion Ratio Lower Upper
43 100
58 53.0 41.4 62.0
57 17.4 14.2 21.4
100 10.9 9.1 13.7



#49
Dibromochloromethane
Concen: 25.777 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.006 min
Lab File: VW028982.D
Acq: 04 Jun 2024 09:05

Tgt Ion: 129 Resp: 86826
Ion Ratio Lower Upper
129 100
127 79.8 56.5 104.9

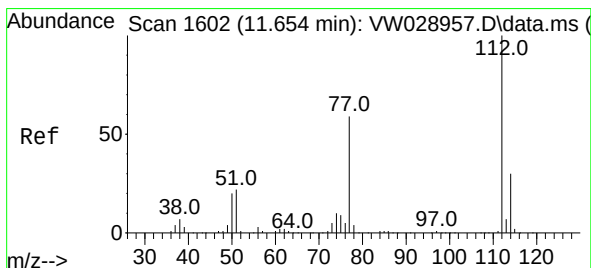
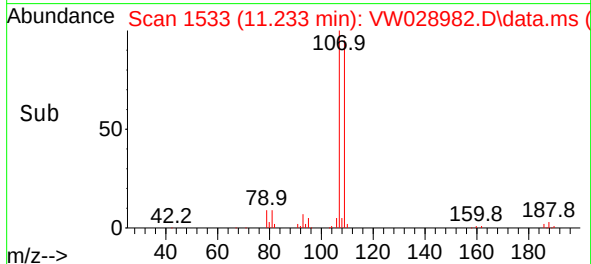
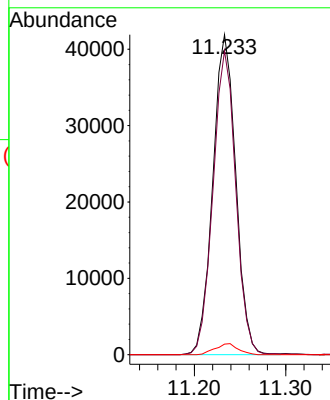
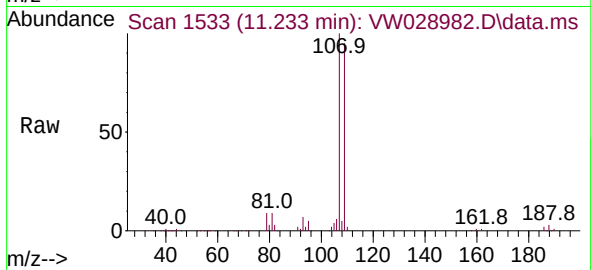




#50
1,2-Dibromoethane
Concen: 25.106 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VW028982.D
Acq: 04 Jun 2024 09:05

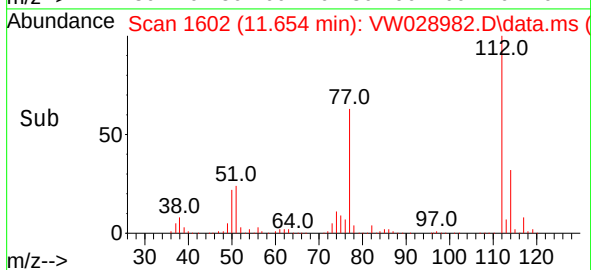
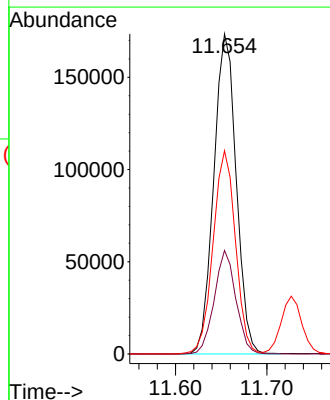
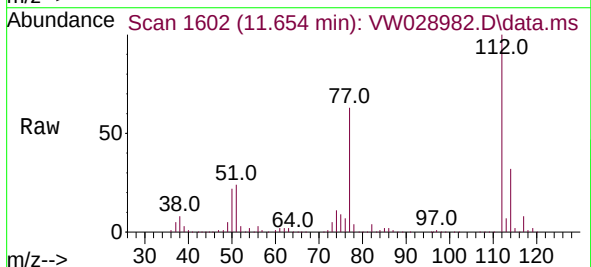
Instrument :
MSVOA_W
ClientSampleId :

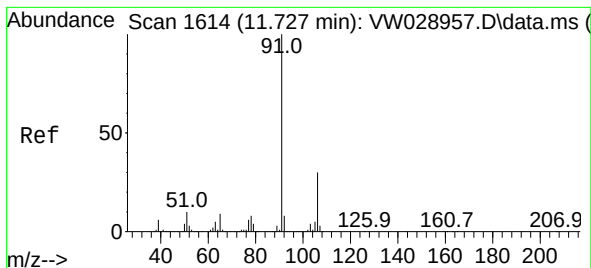
Tgt Ion:107 Resp: 73089
Ion Ratio Lower Upper
107 100
109 95.0 67.9 126.1
188 3.4 3.0 4.4



#51
Chlorobenzene
Concen: 25.020 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VW028982.D
Acq: 04 Jun 2024 09:05

Tgt Ion:112 Resp: 296069
Ion Ratio Lower Upper
112 100
114 32.3 23.7 44.1
77 63.5 51.7 77.5





#52

Ethylbenzene

Concen: 26.033 ug/L

RT: 11.727 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW028982.D

Acq: 04 Jun 2024 09:05

Instrument :

MSVOA_W

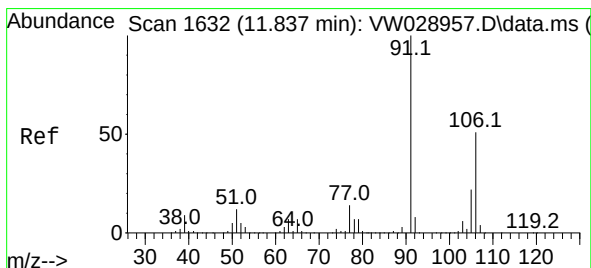
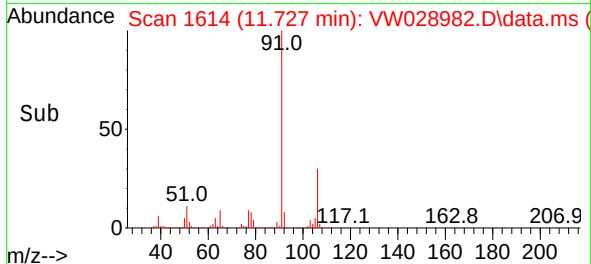
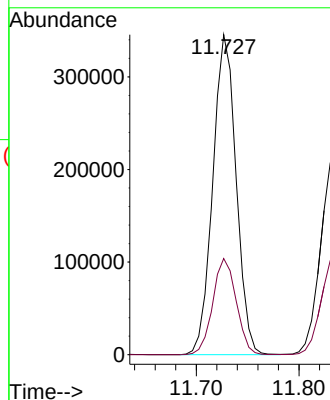
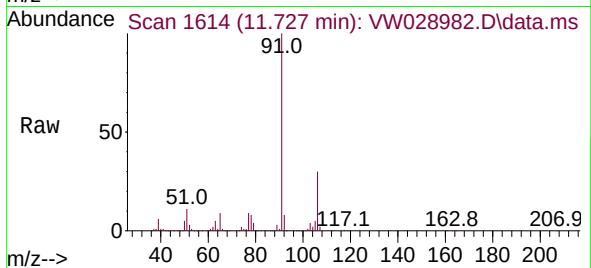
ClientSampleId :

Tgt Ion: 91 Resp: 544854

Ion Ratio Lower Upper

91 100

106 30.0 19.9 37.0



#53

m,p-Xylene

Concen: 26.187 ug/L

RT: 11.836 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VW028982.D

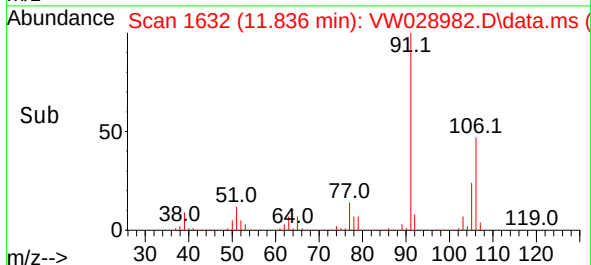
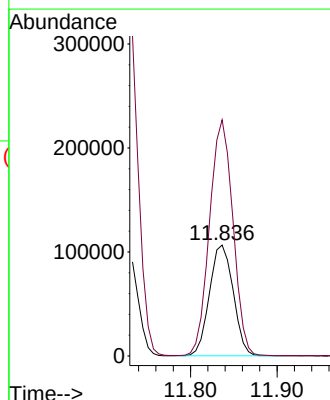
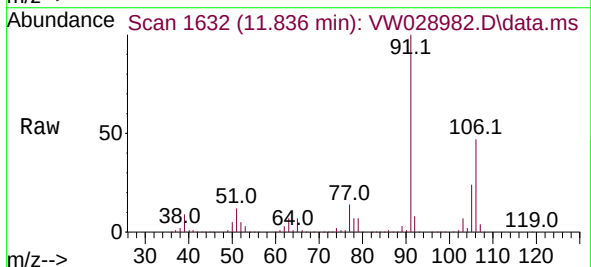
Acq: 04 Jun 2024 09:05

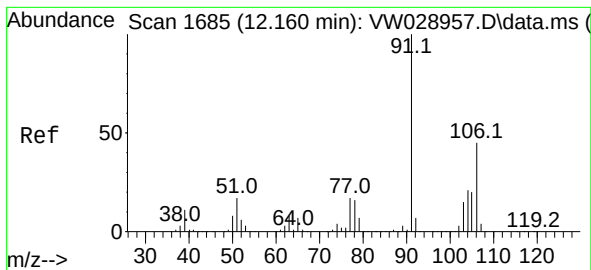
Tgt Ion:106 Resp: 203008

Ion Ratio Lower Upper

106 100

91 213.0 152.0 282.2

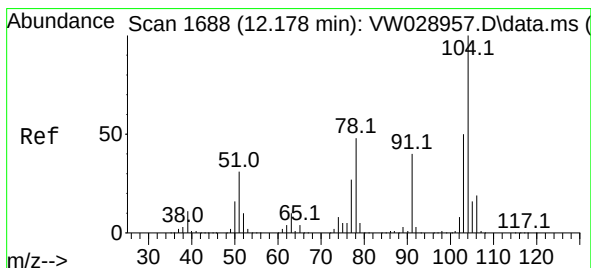
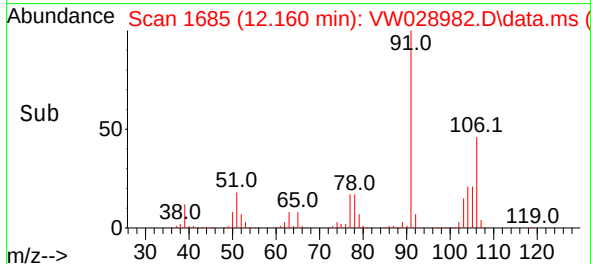
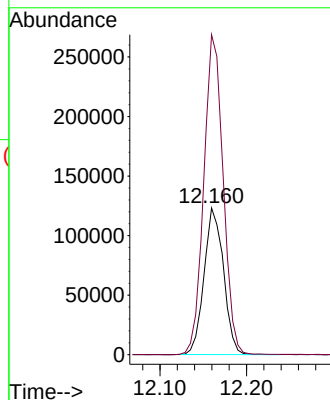
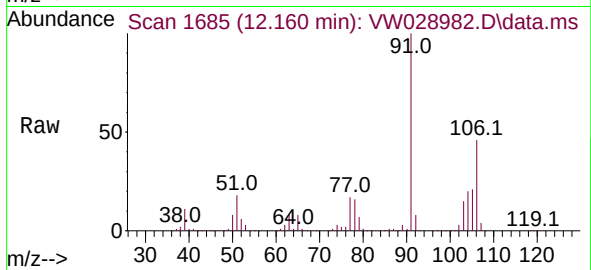




#54
o-Xylene
Concen: 26.730 ug/L
RT: 12.160 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VW028982.D
Acq: 04 Jun 2024 09:05

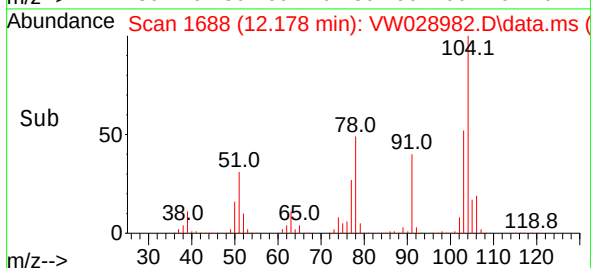
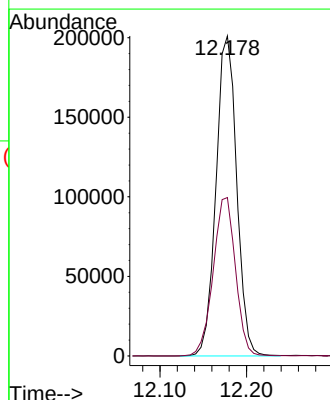
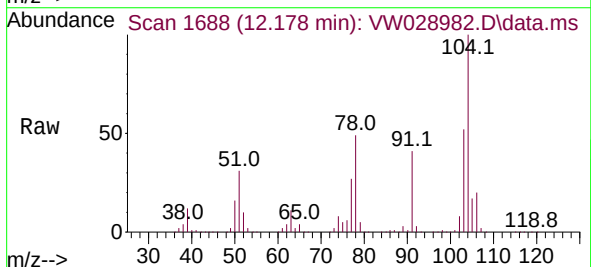
Instrument :
MSVOA_W
ClientSampleId :

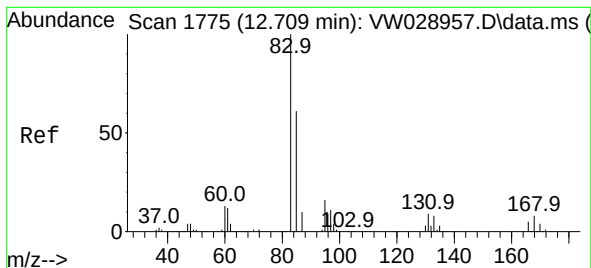
Tgt Ion:106 Resp: 191869
Ion Ratio Lower Upper
106 100
91 218.1 152.5 283.3



#55
Styrene
Concen: 26.938 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW028982.D
Acq: 04 Jun 2024 09:05

Tgt Ion:104 Resp: 333374
Ion Ratio Lower Upper
104 100
78 49.5 33.3 61.9





#57

1,1,2,2-Tetrachloroethane

Concen: 25.455 ug/L

RT: 12.708 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW028982.D

Acq: 04 Jun 2024 09:05

Instrument :

MSVOA_W

ClientSampleId :

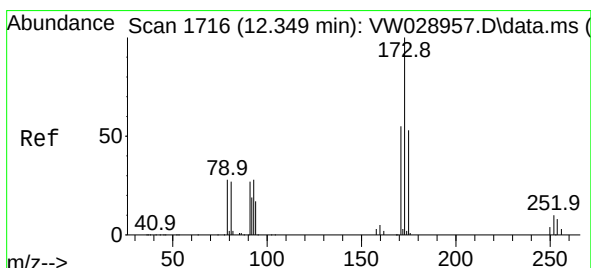
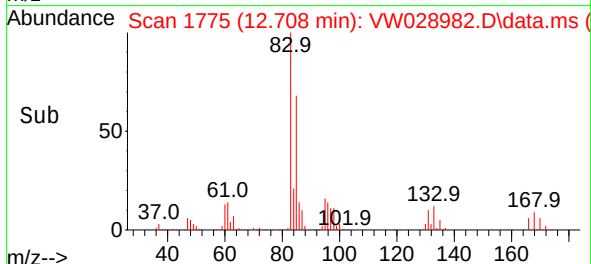
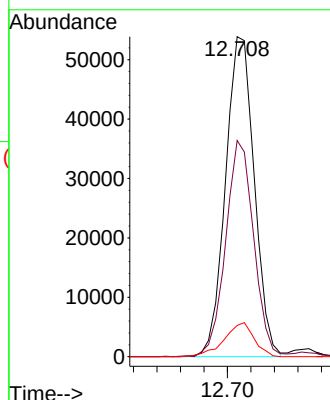
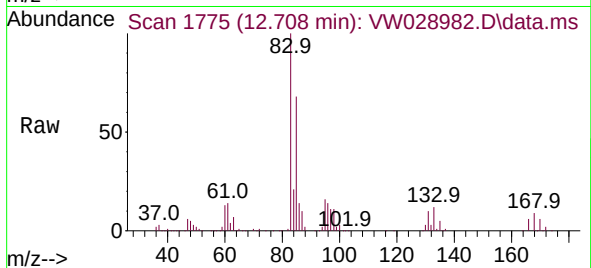
Tgt Ion: 83 Resp: 91642

Ion Ratio Lower Upper

83 100

85 67.5 43.8 81.3

131 9.8 7.3 10.9



#59

Bromoform

Concen: 24.544 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.006 min

Lab File: VW028982.D

Acq: 04 Jun 2024 09:05

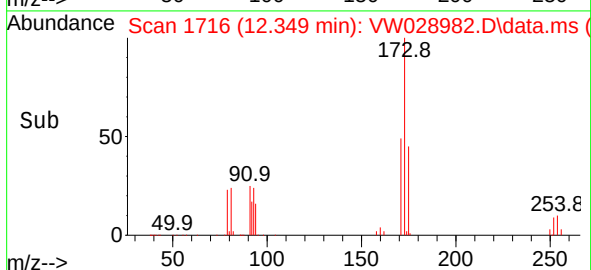
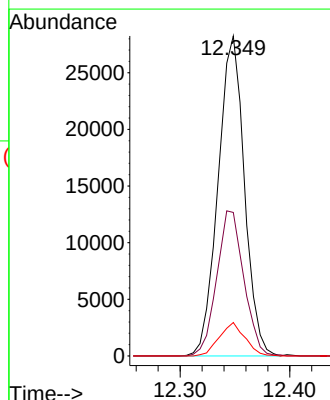
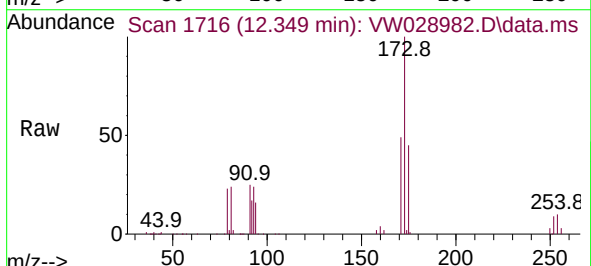
Tgt Ion:173 Resp: 47176

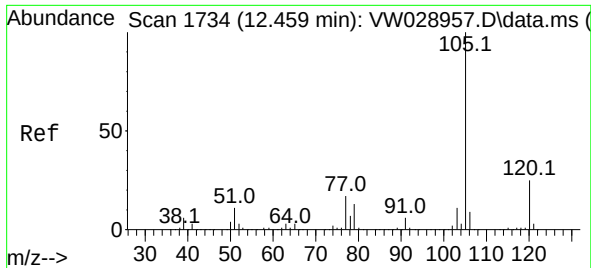
Ion Ratio Lower Upper

173 100

175 46.7 38.1 57.1

254 10.2 8.2 12.2

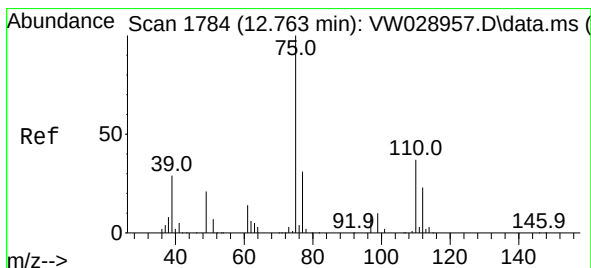
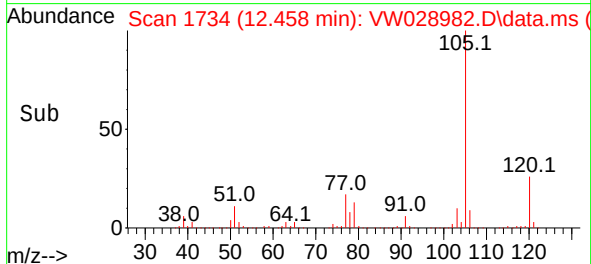
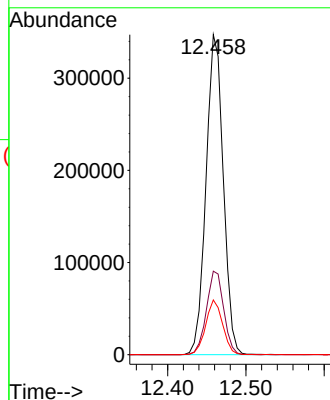
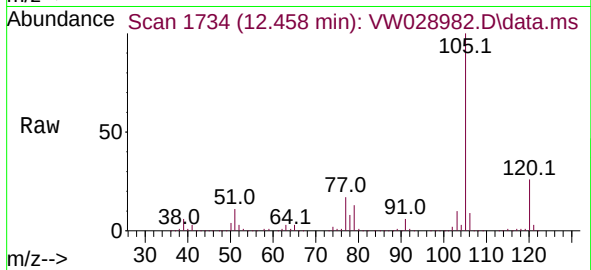




#60
Isopropylbenzene
Concen: 25.119 ug/L
RT: 12.458 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW028982.D
Acq: 04 Jun 2024 09:05

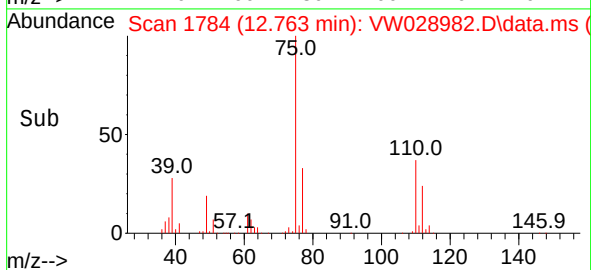
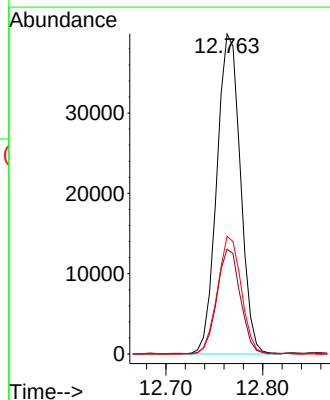
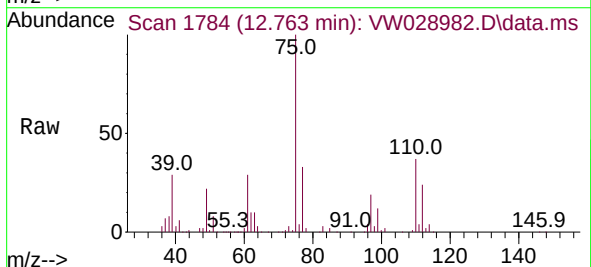
Instrument :
MSVOA_W
ClientSampleId :

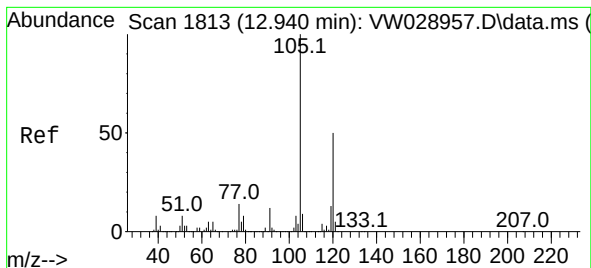
Tgt Ion:105 Resp: 531364
Ion Ratio Lower Upper
105 100
120 26.1 20.7 31.1
77 16.8 13.5 20.3



#61
1,2,3-Trichloropropane
Concen: 23.917 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW028982.D
Acq: 04 Jun 2024 09:05

Tgt Ion: 75 Resp: 67435
Ion Ratio Lower Upper
75 100
77 32.6 26.3 39.5
110 37.0 29.4 44.0

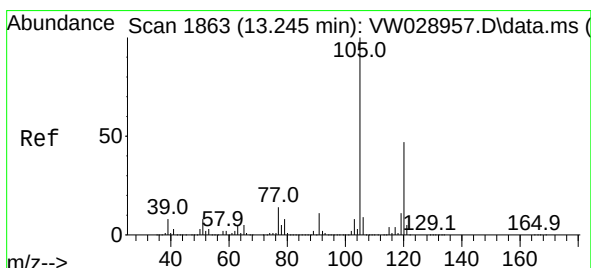
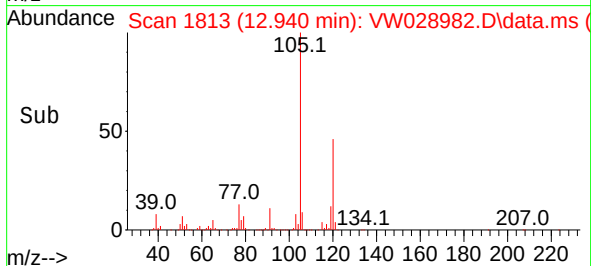
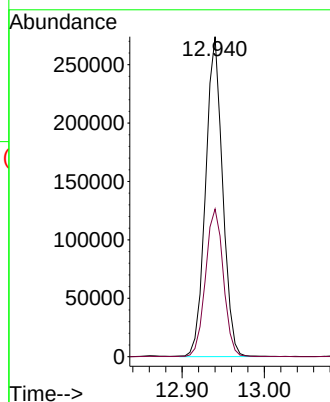
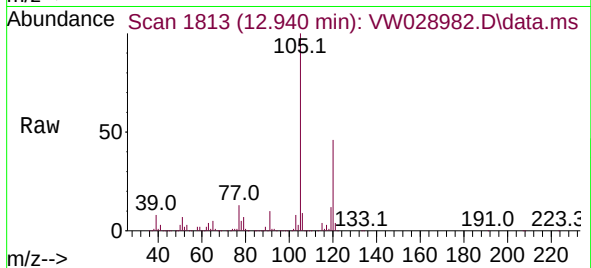




#62
1,3,5-Trimethylbenzene
Concen: 25.538 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW028982.D
Acq: 04 Jun 2024 09:05

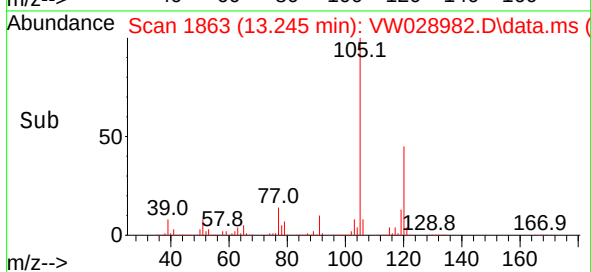
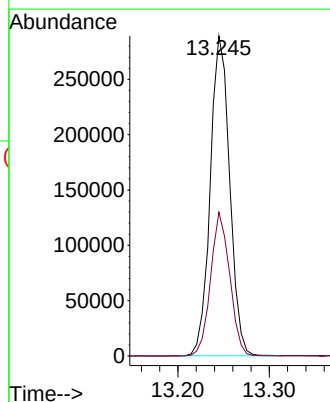
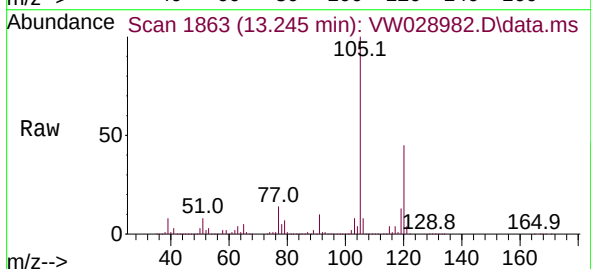
Instrument :
MSVOA_W
ClientSampleId :

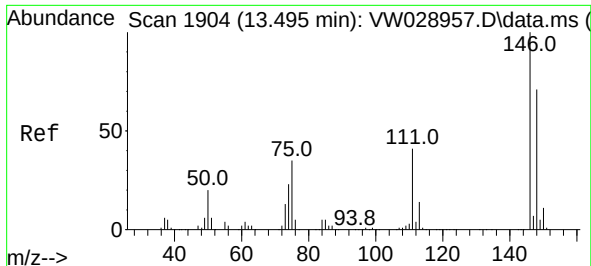
Tgt Ion:105 Resp: 392919
Ion Ratio Lower Upper
105 100
120 48.6 38.4 57.6



#63
1,2,4-Trimethylbenzene
Concen: 26.217 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW028982.D
Acq: 04 Jun 2024 09:05

Tgt Ion:105 Resp: 426296
Ion Ratio Lower Upper
105 100
120 44.2 35.8 53.8





#64

1,3-Dichlorobenzene

Concen: 24.348 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW028982.D

Acq: 04 Jun 2024 09:05

Instrument :

MSVOA_W

ClientSampleId :

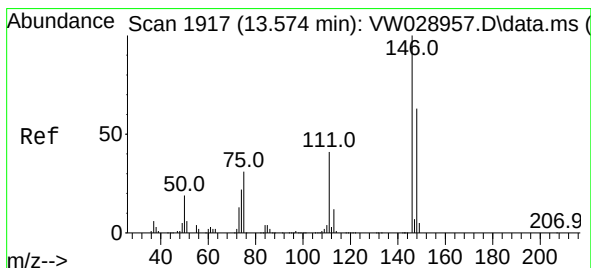
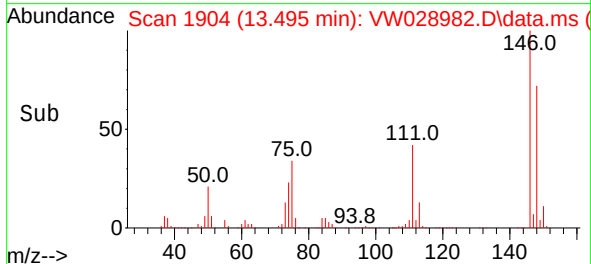
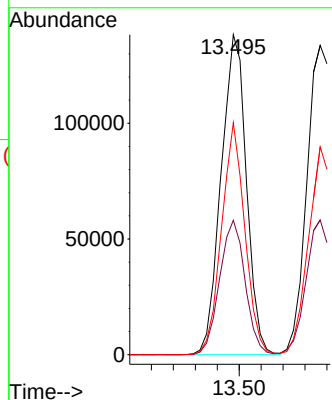
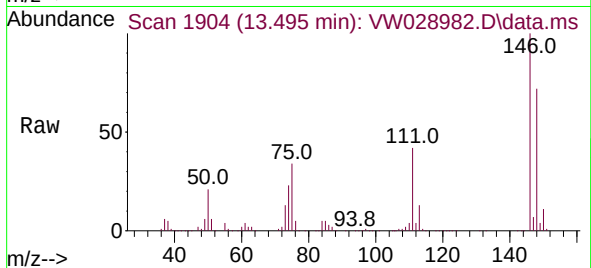
Tgt Ion:146 Resp: 221344

Ion Ratio Lower Upper

146 100

111 42.0 29.4 54.6

148 72.5 42.5 78.9



#65

1,4-Dichlorobenzene

Concen: 23.914 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW028982.D

Acq: 04 Jun 2024 09:05

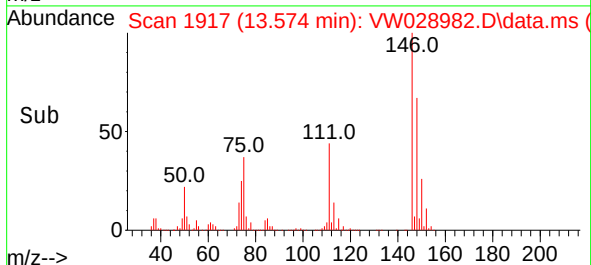
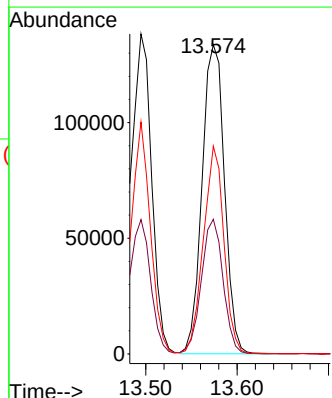
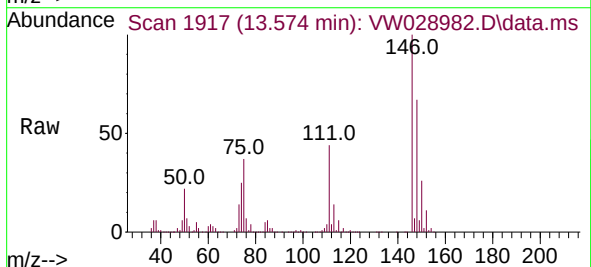
Tgt Ion:146 Resp: 227049

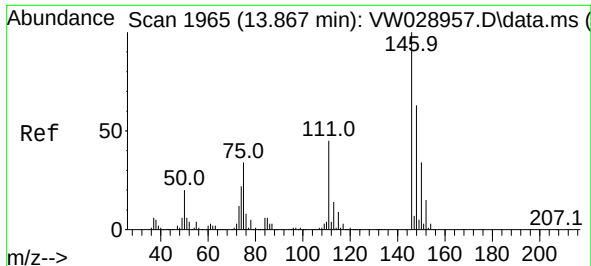
Ion Ratio Lower Upper

146 100

111 43.5 27.5 51.1

148 67.2 39.5 73.3





#67

1,2-Dichlorobenzene

Concen: 23.744 ug/L

RT: 13.861 min Scan# 1965

Delta R.T. -0.006 min

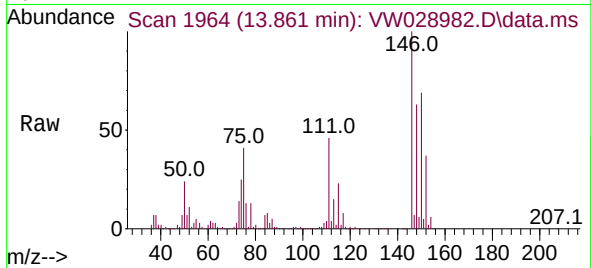
Lab File: VW028982.D

Acq: 04 Jun 2024 09:05

Instrument :

MSVOA_W

ClientSampleId :



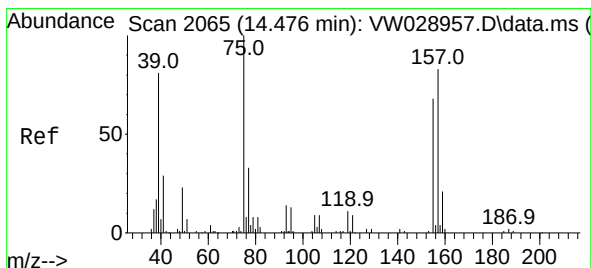
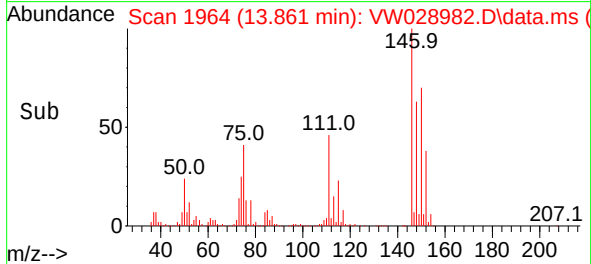
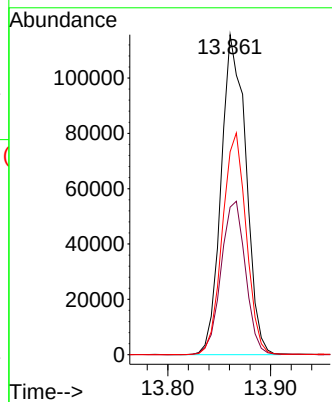
Tgt Ion:146 Resp: 193465

Ion Ratio Lower Upper

146 100

111 46.1 32.8 49.2

148 63.4 48.2 72.4



#68

1,2-Dibromo-3-chloropropane

Concen: 24.183 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.000 min

Lab File: VW028982.D

Acq: 04 Jun 2024 09:05

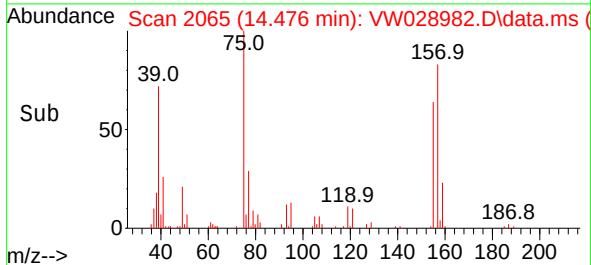
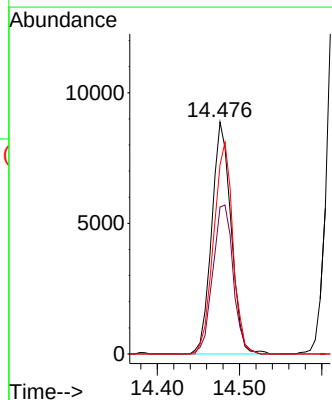
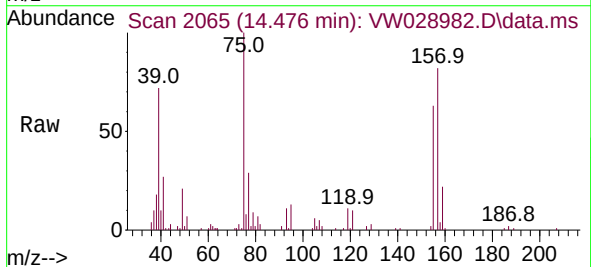
Tgt Ion: 75 Resp: 14533

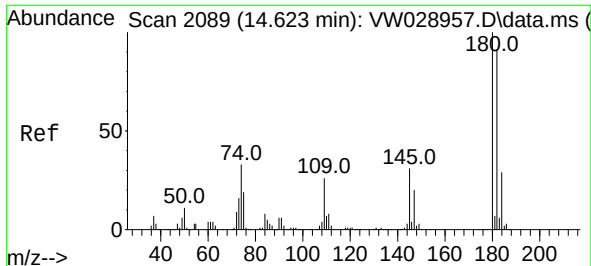
Ion Ratio Lower Upper

75 100

155 63.4 52.3 78.5

157 81.6 71.0 106.4





#69

1,3,5-Trichlorobenzene

Concen: 24.804 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

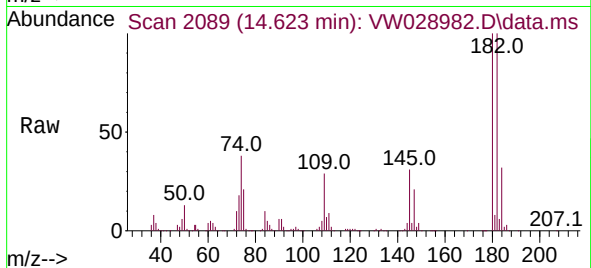
Lab File: VW028982.D

Acq: 04 Jun 2024 09:05

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 154817

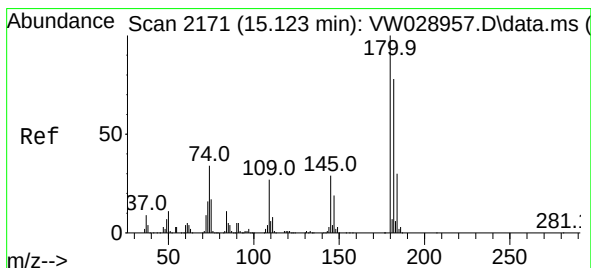
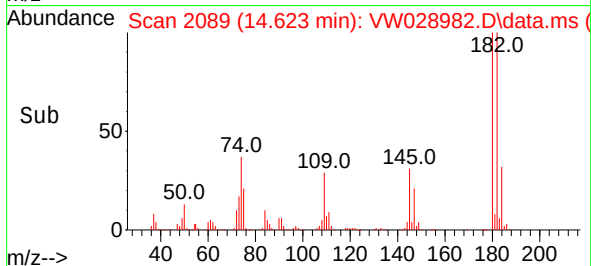
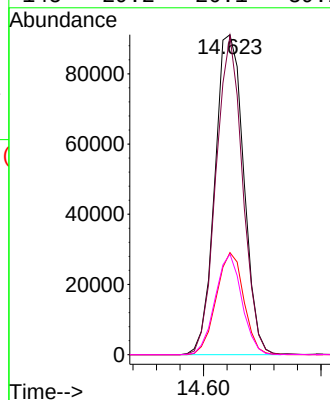
Ion Ratio Lower Upper

180 100

182 92.1 77.4 116.0

184 30.5 24.6 36.8

145 29.2 26.1 39.1



#70

1,2,4-trichlorobenzene

Concen: 24.524 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. -0.000 min

Lab File: VW028982.D

Acq: 04 Jun 2024 09:05

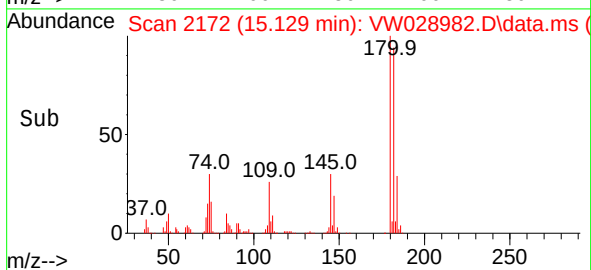
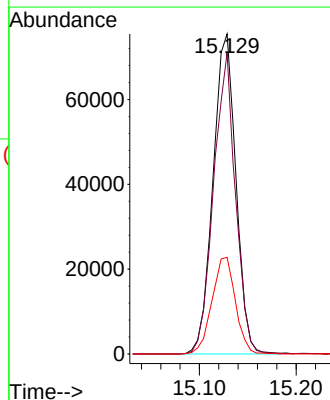
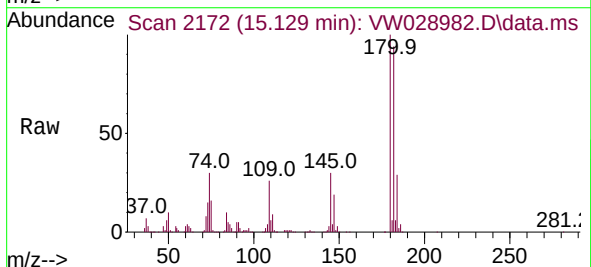
Tgt Ion:180 Resp: 124061

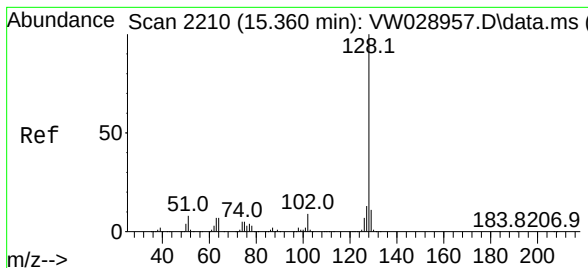
Ion Ratio Lower Upper

180 100

182 89.9 75.3 112.9

145 30.9 26.2 39.2





#71

Naphthalene

Concen: 25.023 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. -0.000 min MSVOA_W

Lab File: VW028982.D

Acq: 04 Jun 2024 09:05

Instrument :

MSVOA_W

ClientSampleId :

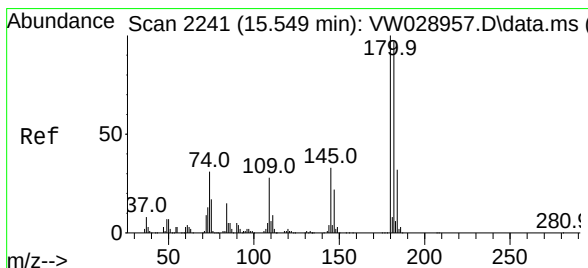
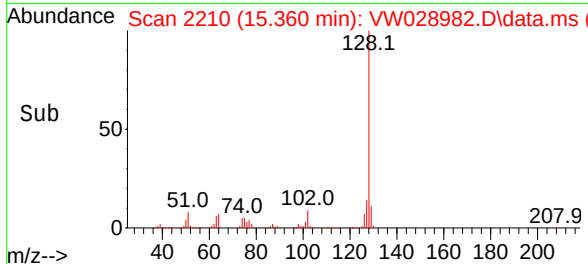
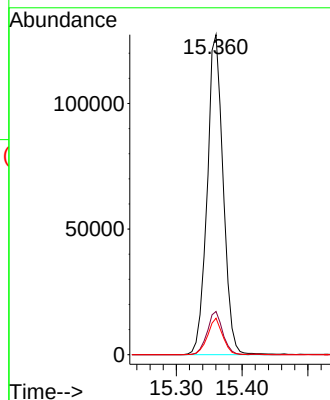
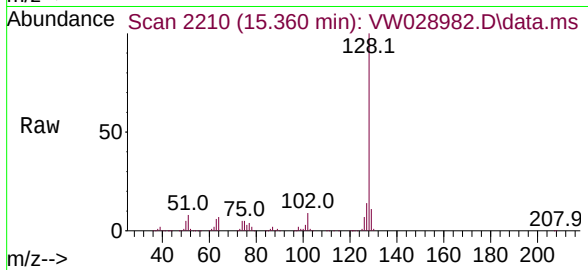
Tgt Ion:128 Resp: 215682

Ion Ratio Lower Upper

128 100

127 13.1 10.2 15.2

129 10.7 8.6 12.8



#72

1,2,3-Trichlorobenzene

Concen: 24.782 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. -0.000 min

Lab File: VW028982.D

Acq: 04 Jun 2024 09:05

Tgt Ion:180 Resp: 107111

Ion Ratio Lower Upper

180 100

182 96.8 75.4 113.0

145 33.3 26.6 39.8

