

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040824\
 Data File : VW028349IC.D
 Acq On : 08 Apr 2024 10:10
 Operator : SY/MD
 Sample : VSTD2.5
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 09 01:11:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Apr 09 01:10:48 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	314276	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	282461	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	136904	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	12996	2.579	ug/L	0.00
7) Chloroethane-d5	2.899	69	9194	2.408	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.021	65	5281	2.475	ug/L	0.00
21) 2-Butanone-d5	7.081	46	3391	3.741	ug/L	0.00
24) Chloroform-d	7.648	84	17918	2.185	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	9640	2.262	ug/L	0.00
32) Benzene-d6	8.276	84	34243	2.219	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.276	67	10265	2.238	ug/L	0.00
41) Toluene-d8	10.325	98	29453	2.099	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	3768	2.066	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	2420	3.954	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	7153	2.210	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	8797	2.032	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.009	85	8492	2.009	ug/L	94
3) Chloromethane	2.216	50	11644	2.346	ug/L	100
5) Vinyl chloride	2.369	62	14911	2.523	ug/L	99
6) Bromomethane	2.789	94	8467	2.293	ug/L	93
8) Chloroethane	2.936	64	8704	2.443	ug/L	100
9) Trichlorofluoromethane	3.271	101	11351	2.408	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	11041	2.498	ug/L #	64
12) 1,1-Dichloroethene	4.045	96	9825	2.374	ug/L	99
13) Acetone	4.131	43	4507	4.106	ug/L	91
14) Carbon disulfide	4.387	76	32910	2.400	ug/L	96
15) Methyl Acetate	4.673	43	2140	1.149	ug/L #	76
16) Methylene chloride	4.923	84	13302	2.805	ug/L	95
17) trans-1,2-Dichloroethene	5.435	96	10450	2.382	ug/L	99
18) Methyl tert-butyl Ether	5.429	73	13929	2.262	ug/L #	78
19) 1,1-Dichloroethane	6.222	63	20770	2.425	ug/L	97
20) cis-1,2-Dichloroethene	7.167	96	10345	2.222	ug/L	88
22) 2-Butanone	7.270	43	485	0.362	ug/L	92
23) Bromochloromethane	7.514	128	4831	2.409	ug/L #	86
25) Chloroform	7.679	83	20065	2.390	ug/L	98
27) 1,2-Dichloroethane	8.398	62	13968	2.410	ug/L #	93
29) Cyclohexane	7.953	56	16413	2.200	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	17270	2.521	ug/L	95
31) Carbon tetrachloride	8.075	117	15712	2.586	ug/L	93
33) Benzene	8.325	78	41684	2.360	ug/L	100
34) Trichloroethene	9.087	95	11800	2.466	ug/L	97
35) Methylcyclohexane	9.331	83	17808	2.180	ug/L	94
37) 1,2-Dichloropropane	9.367	63	10938	2.376	ug/L	99
38) Bromodichloromethane	9.648	83	13720	2.405	ug/L	100
39) cis-1,3-Dichloropropene	10.069	75	14619	2.163	ug/L	96
40) 4-Methyl-2-pentanone	10.209	43	10628	4.610	ug/L	99
42) Toluene	10.386	91	43095	2.303	ug/L	92
44) trans-1,3-Dichloropropene	10.605	75	12079	2.212	ug/L	98

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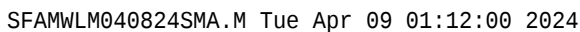
Quant Time: Apr 09 01:11:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Apr 09 01:10:48 2024
 Response via : Initial Calibration

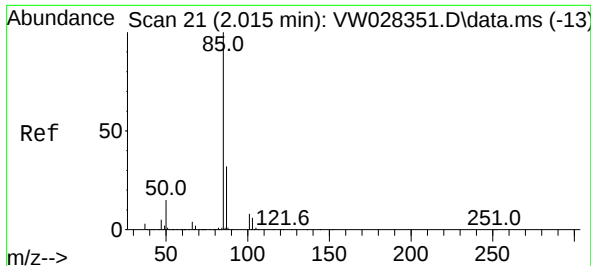
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	10.788	97	7383	2.371	ug/L	89
46) Tetrachloroethene	10.861	164	8626	2.413	ug/L #	77
48) 2-Hexanone	10.971	43	7230	4.051	ug/L #	96
49) Dibromochloromethane	11.123	129	7472	2.245	ug/L	94
50) 1,2-Dibromoethane	11.233	107	6578	2.314	ug/L #	86
51) Chlorobenzene	11.654	112	28677	2.466	ug/L	93
52) Ethylbenzene	11.727	91	48165	2.271	ug/L	98
53) m,p-Xylene	11.837	106	17763	2.252	ug/L	96
54) o-Xylene	12.160	106	15801	2.152	ug/L	88
55) Styrene	12.178	104	26226	2.098	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.714	83	8568	2.431	ug/L	97
59) Bromoform	12.349	173	4178	2.312	ug/L #	97
60) Isopropylbenzene	12.458	105	44110	2.149	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	6310	2.521	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	26585	2.032	ug/L	95
63) 1,2,4-Trimethylbenzene	13.245	105	32747	2.080	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	20117	2.310	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	21901	2.472	ug/L	92
67) 1,2-Dichlorobenzene	13.867	146	18070	2.359	ug/L	88
68) 1,2-Dibromo-3-chloropr...	14.482	75	1552	2.706	ug/L	91
69) 1,3,5-Trichlorobenzene	14.623	180	13761	2.296	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	11080	2.368	ug/L	96
71) Naphthalene	15.354	128	16811	2.030	ug/L	97
72) 1,2,3-Trichlorobenzene	15.549	180	9499	2.287	ug/L	99

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

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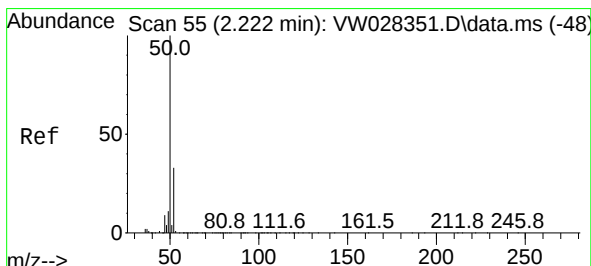
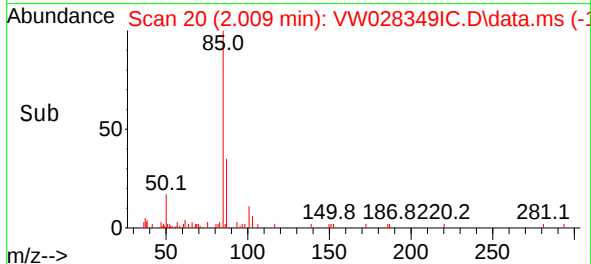
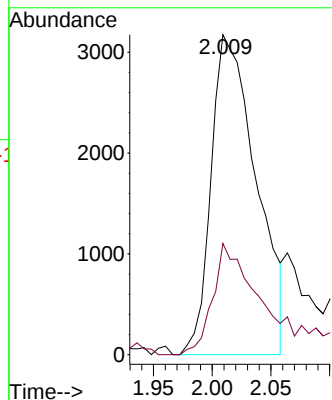
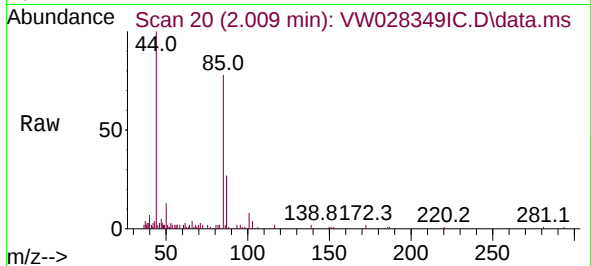




#2
 Dichlorodifluoromethane
 Concen: 2.009 ug/L
 RT: 2.009 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VW028349IC.D
 Acq: 08 Apr 2024 10:10

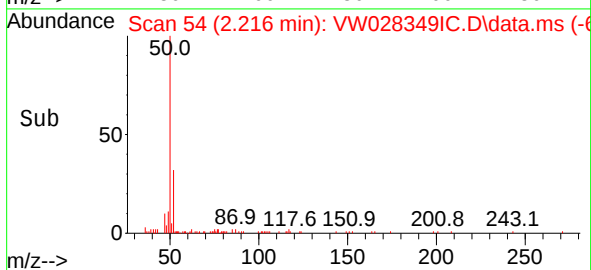
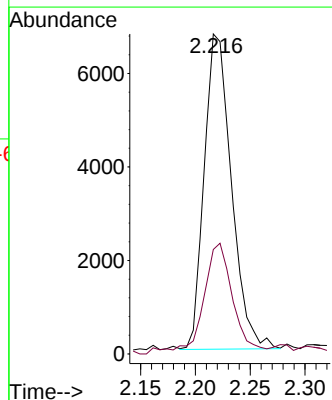
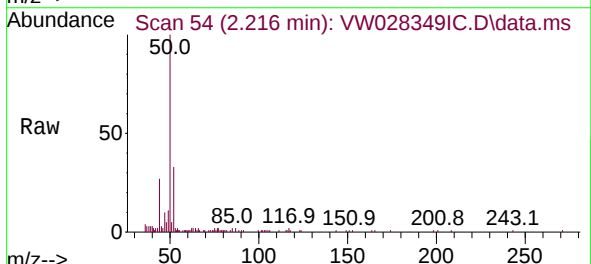
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 ClientSampleId :

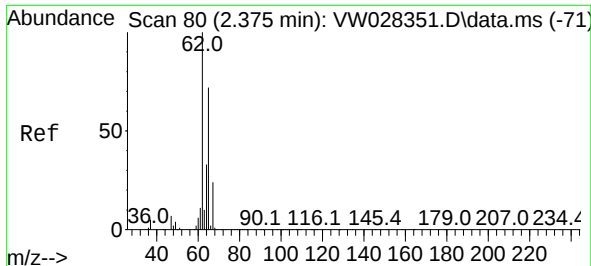
Tgt Ion: 85 Resp: 8492
 Ion Ratio Lower Upper
 85 100
 87 32.5 23.4 35.0



#3
 Chloromethane
 Concen: 2.346 ug/L
 RT: 2.216 min Scan# 54
 Delta R.T. -0.006 min
 Lab File: VW028349IC.D
 Acq: 08 Apr 2024 10:10

Tgt Ion: 50 Resp: 11644
 Ion Ratio Lower Upper
 50 100
 52 32.6 23.0 42.6



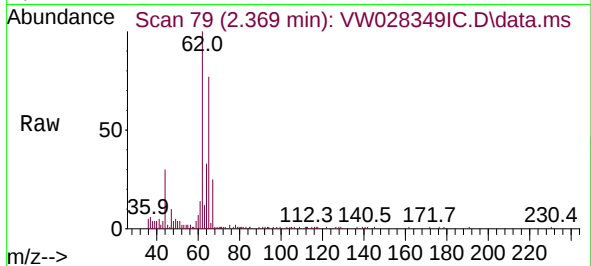


#5
 Vinyl chloride
 Concen: 2.523 ug/L
 RT: 2.369 min Scan# 79
 Delta R.T. -0.006 min
 Lab File: VW028349IC.D
 Acq: 08 Apr 2024 10:10

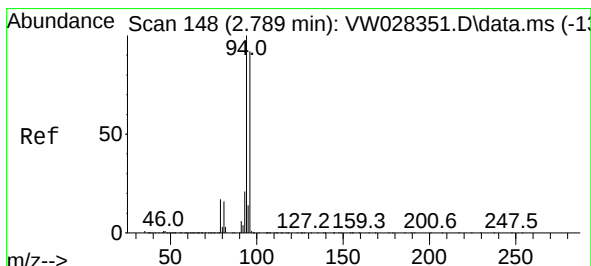
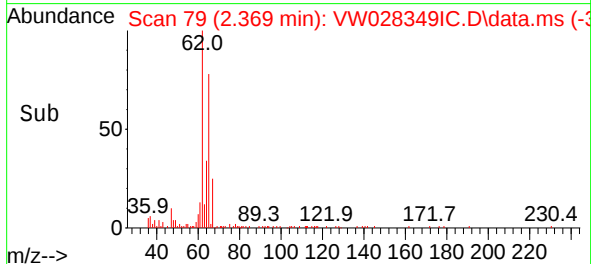
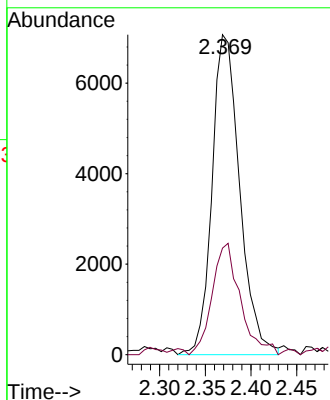
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MSVOA_W

ClientSampleId :

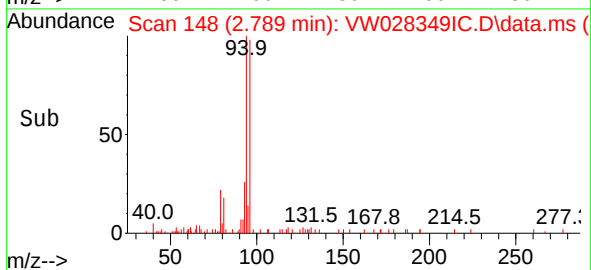
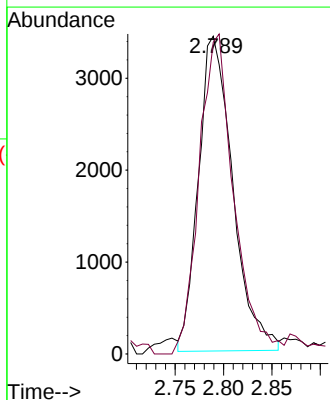
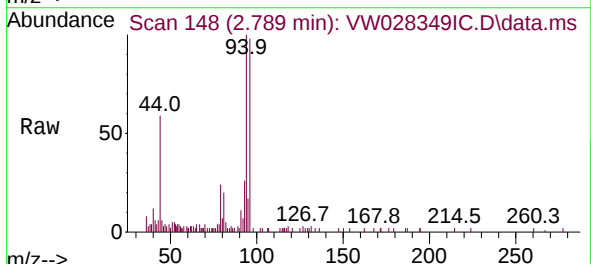


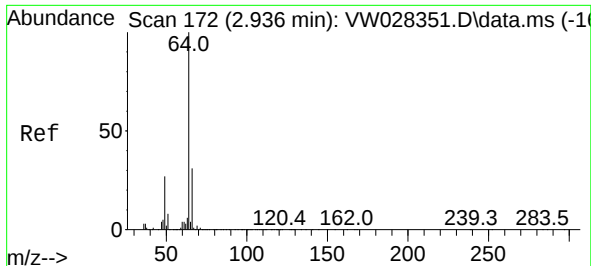
Tgt Ion: 62 Resp: 14911
 Ion Ratio Lower Upper
 62 100
 64 33.3 23.1 42.9



#6
 Bromomethane
 Concen: 2.293 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VW028349IC.D
 Acq: 08 Apr 2024 10:10

Tgt Ion: 94 Resp: 8467
 Ion Ratio Lower Upper
 94 100
 96 98.1 64.3 119.5

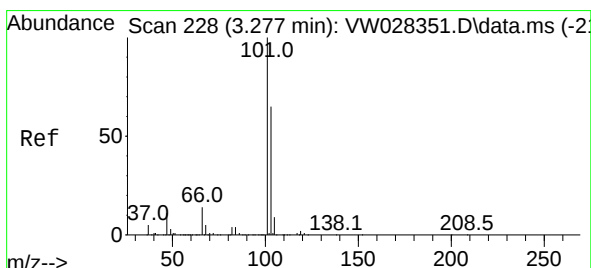
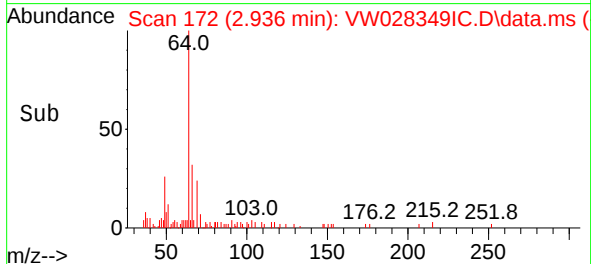
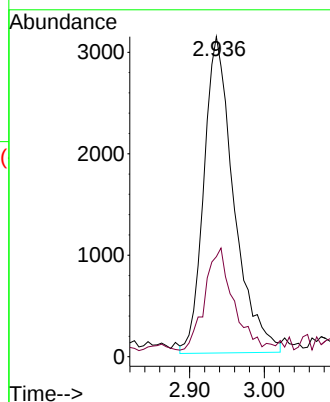
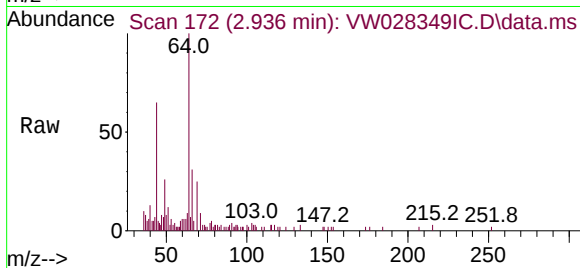




#8
Chloroethane
Concen: 2.443 ug/L
RT: 2.936 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW028349IC.D
Acq: 08 Apr 2024 10:10

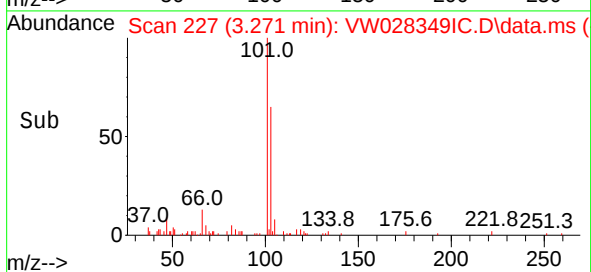
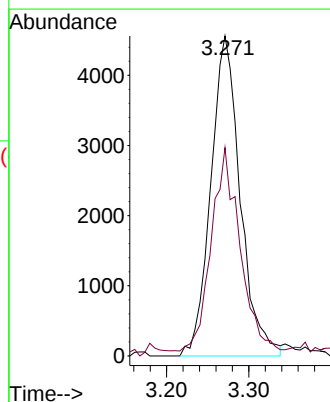
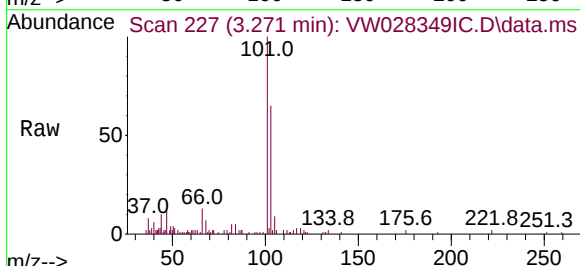
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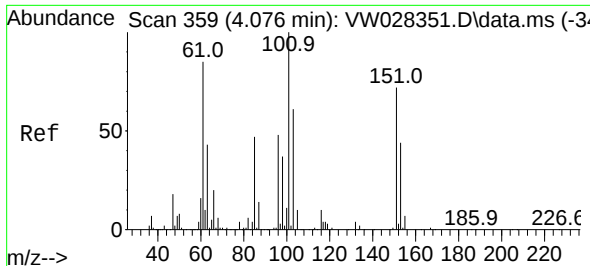
Tgt Ion: 64 Resp: 8704
Ion Ratio Lower Upper
64 100
66 31.2 21.7 40.3



#9
Trichlorofluoromethane
Concen: 2.408 ug/L
RT: 3.271 min Scan# 227
Delta R.T. -0.006 min
Lab File: VW028349IC.D
Acq: 08 Apr 2024 10:10

Tgt Ion:101 Resp: 11351
Ion Ratio Lower Upper
101 100
103 64.7 52.0 78.0





#10

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

Concen: 2.498 ug/L

RT: 4.070 min Scan# 359

Delta R.T. -0.006 min

Lab File: VW028349IC.D

Acq: 08 Apr 2024 10:10

Instrument :

MSVOA_W

ClientSampleId :

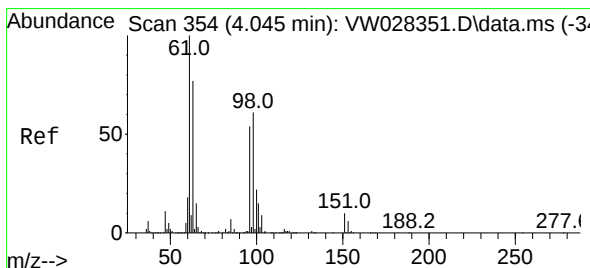
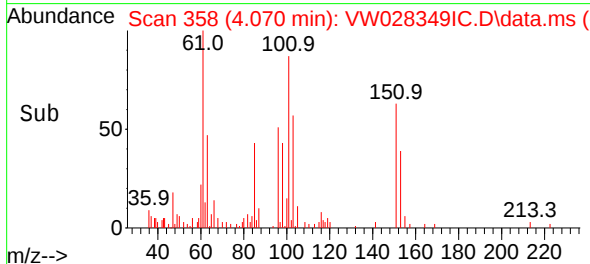
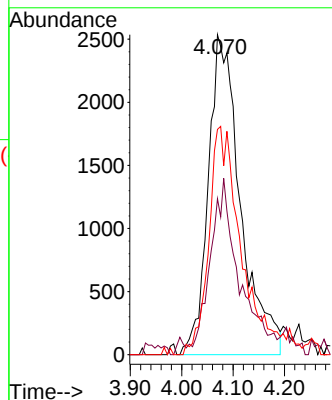
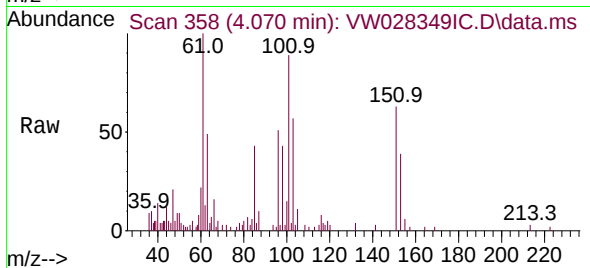
Tgt Ion:101 Resp: 11041

Ion Ratio Lower Upper

101 100

85 34.5 34.5 51.7

151 31.2 57.5 86.3#



#12

1,1-Dichloroethene

Concen: 2.374 ug/L

RT: 4.045 min Scan# 354

Delta R.T. 0.000 min

Lab File: VW028349IC.D

Acq: 08 Apr 2024 10:10

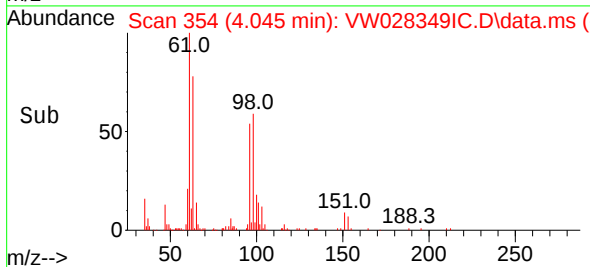
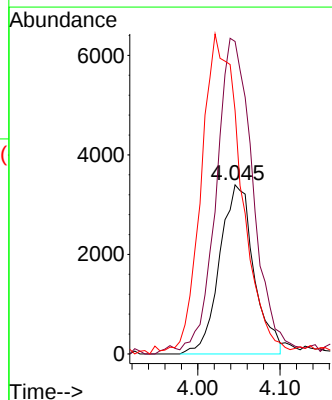
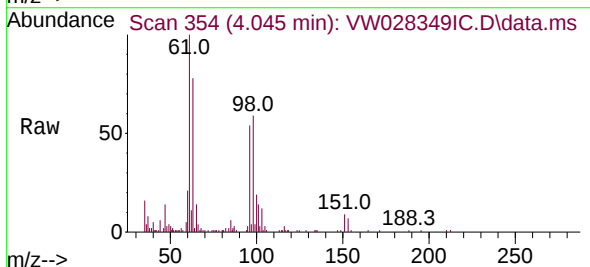
Tgt Ion: 96 Resp: 9825

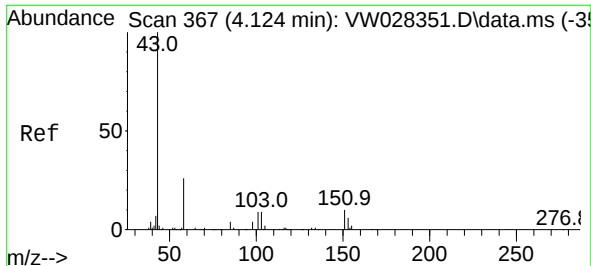
Ion Ratio Lower Upper

96 100

61 184.7 130.5 242.5

63 143.8 101.5 188.5

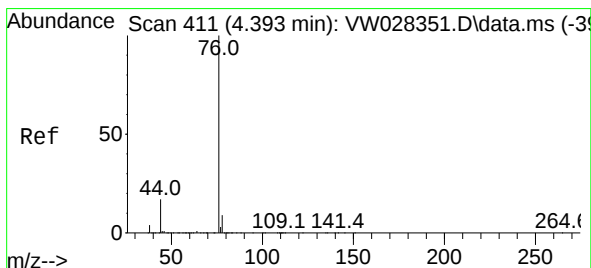
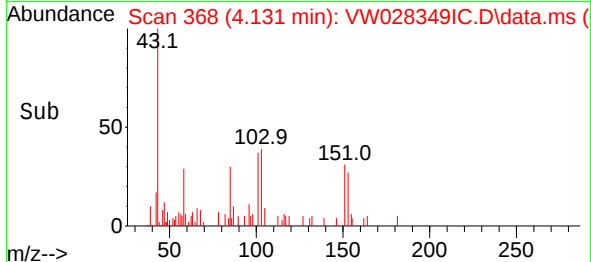
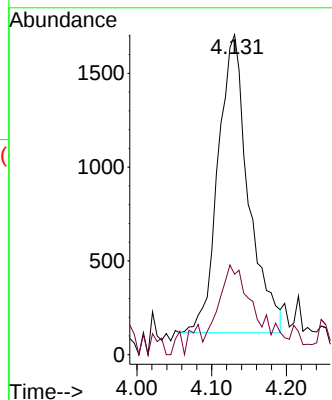
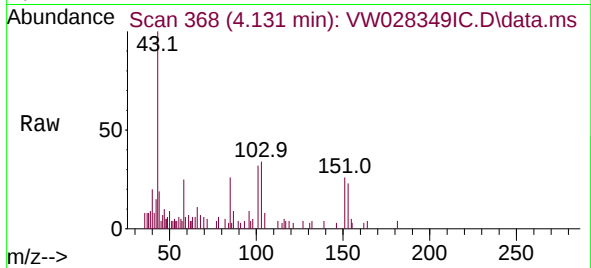




#13
Acetone
Concen: 4.106 ug/L
RT: 4.131 min Scan# 368
Delta R.T. 0.006 min
Lab File: VW028349IC.D
Acq: 08 Apr 2024 10:10

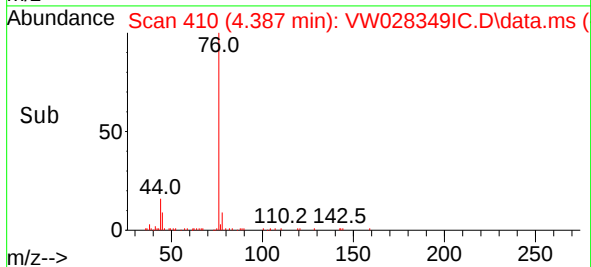
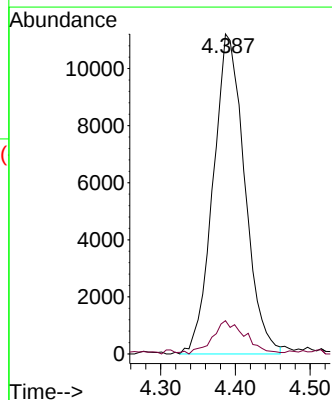
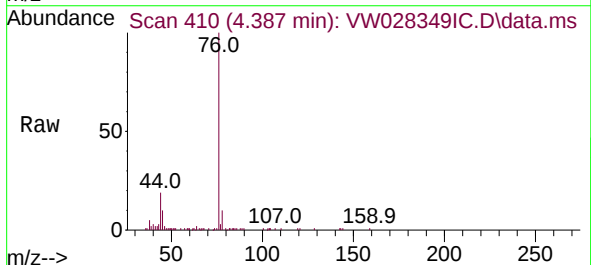
Instrument :
MSVOA_W
ClientSampleId :

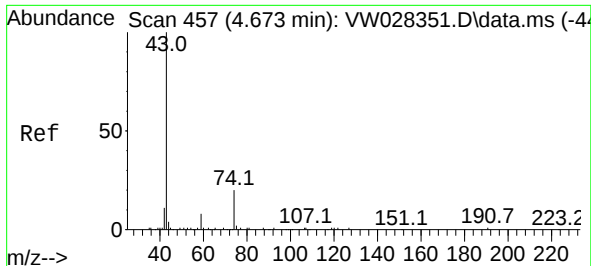
Tgt Ion: 43 Resp: 4507
Ion Ratio Lower Upper
43 100
58 31.2 0.0 53.4



#14
Carbon disulfide
Concen: 2.400 ug/L
RT: 4.387 min Scan# 410
Delta R.T. -0.006 min
Lab File: VW028349IC.D
Acq: 08 Apr 2024 10:10

Tgt Ion: 76 Resp: 32910
Ion Ratio Lower Upper
76 100
78 10.4 7.3 10.9





#15

Methyl Acetate

Concen: 1.149 ug/L

RT: 4.673 min Scan# 4

Delta R.T. 0.000 min

Lab File: VW028349IC.D

Acq: 08 Apr 2024 10:10

Instrument :

MSVOA_W

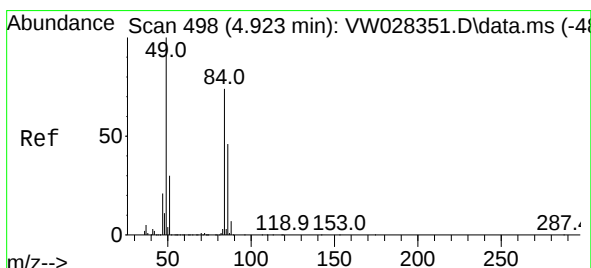
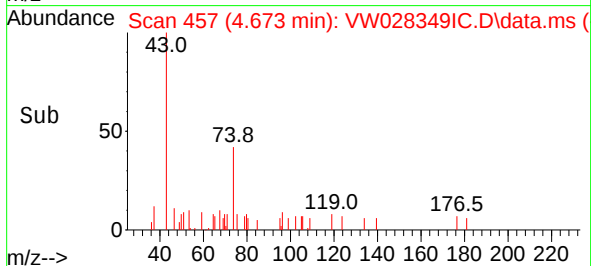
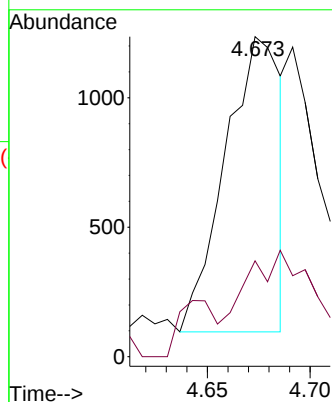
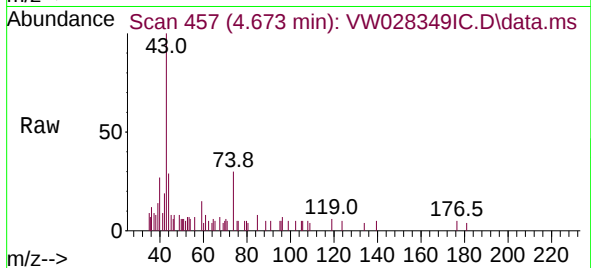
ClientSampleId :

Tgt Ion: 43 Resp: 2140

Ion Ratio Lower Upper

43 100

74 10.2 17.4 26.0#



#16

Methylene chloride

Concen: 2.805 ug/L

RT: 4.923 min Scan# 498

Delta R.T. 0.000 min

Lab File: VW028349IC.D

Acq: 08 Apr 2024 10:10

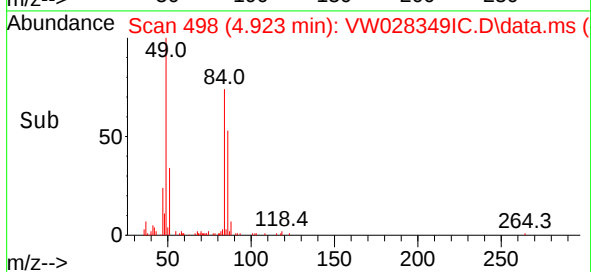
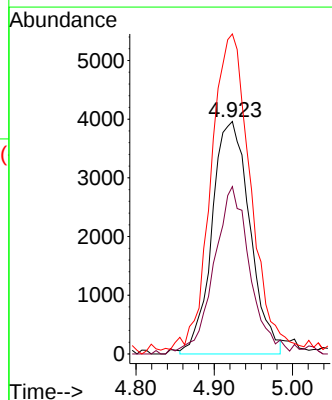
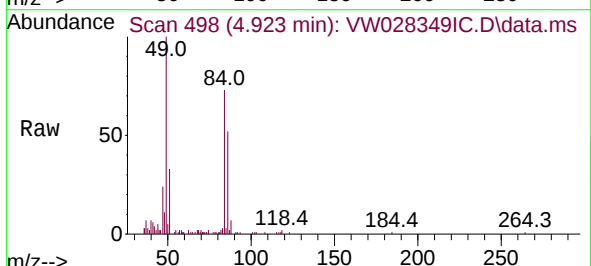
Tgt Ion: 84 Resp: 13302

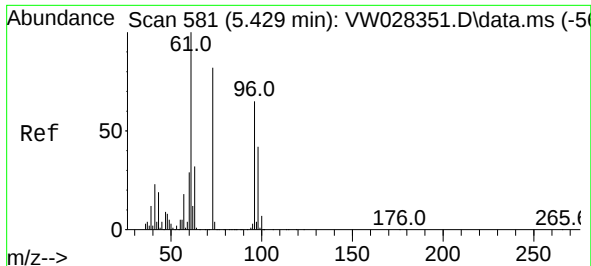
Ion Ratio Lower Upper

84 100

86 72.0 44.2 82.0

49 137.6 95.0 176.4

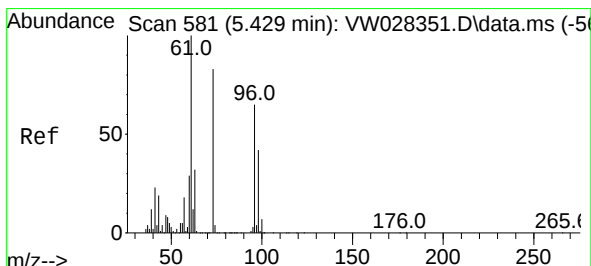
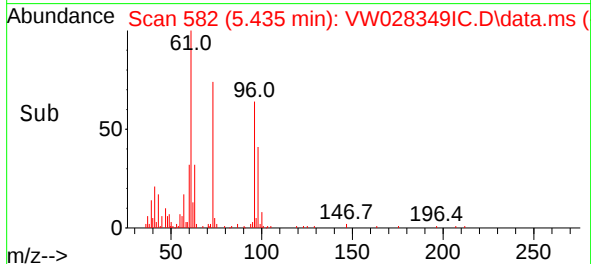
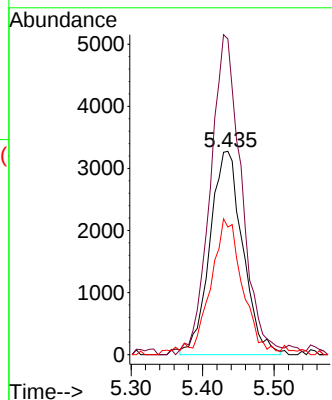
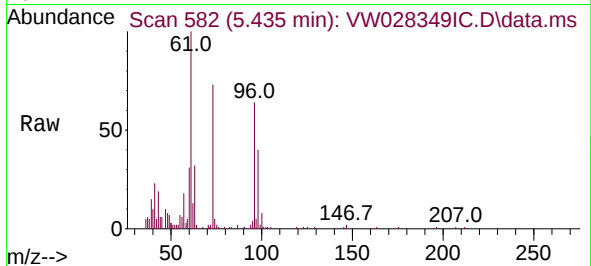




#17
trans-1,2-Dichloroethene
Concen: 2.382 ug/L
RT: 5.435 min Scan# 582
Delta R.T. 0.006 min
Lab File: VW028349IC.D
Acq: 08 Apr 2024 10:10

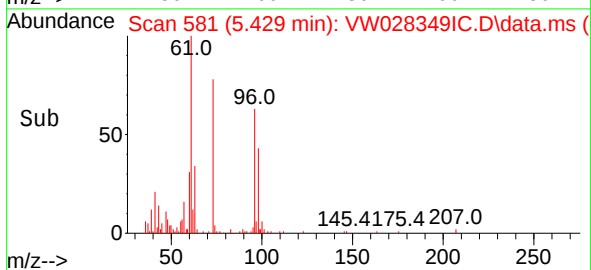
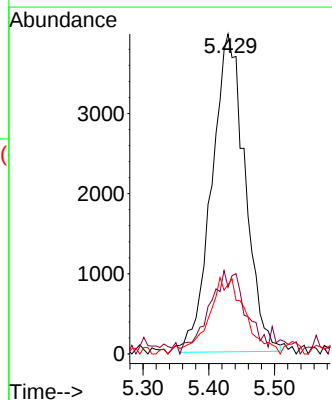
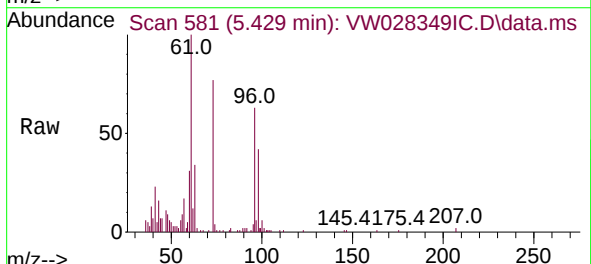
Instrument :
MSVOA_W
ClientSampleId :

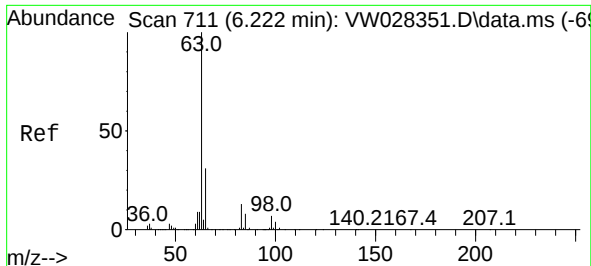
Tgt Ion: 96 Resp: 10450
Ion Ratio Lower Upper
96 100
61 155.2 108.4 201.4
98 62.8 45.6 84.8



#18
Methyl tert-butyl Ether
Concen: 2.262 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW028349IC.D
Acq: 08 Apr 2024 10:10

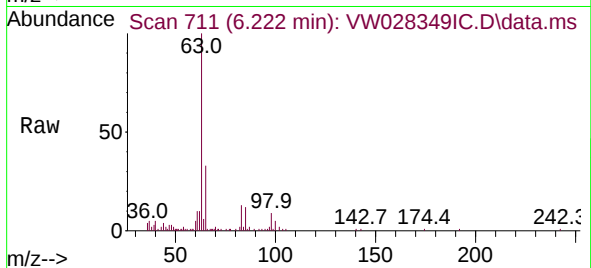
Tgt Ion: 73 Resp: 13929
Ion Ratio Lower Upper
73 100
43 10.9 18.5 27.7#
57 13.9 18.2 27.4#



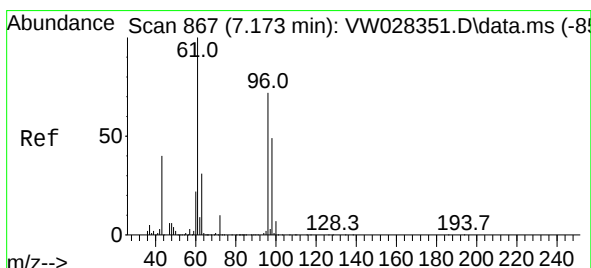
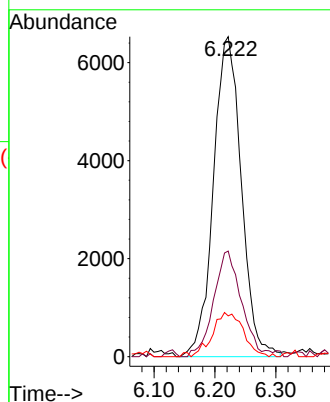
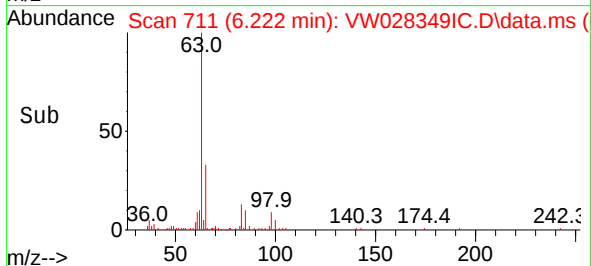


#19
1,1-Dichloroethane
Concen: 2.425 ug/L
RT: 6.222 min Scan# 711
Delta R.T. 0.000 min
Lab File: VW028349IC.D
Acq: 08 Apr 2024 10:10

Instrument :
MSVOA_W
ClientSampleId :

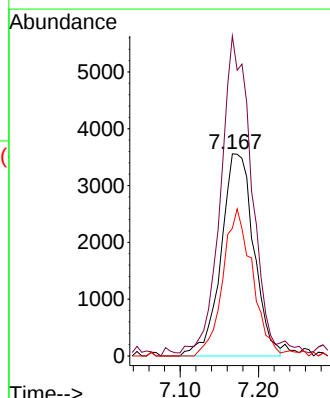
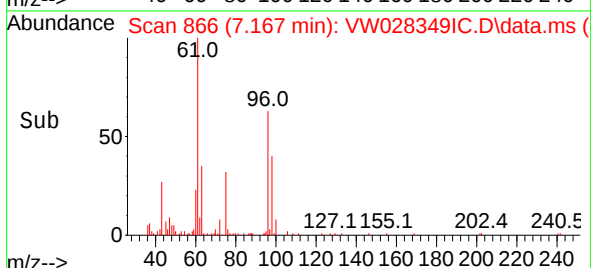
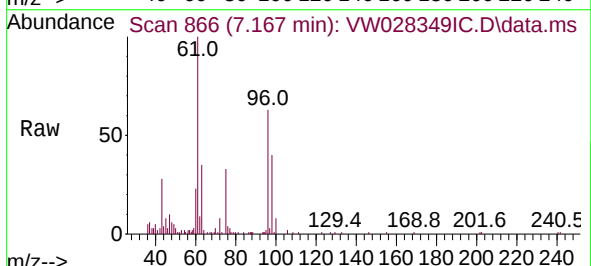


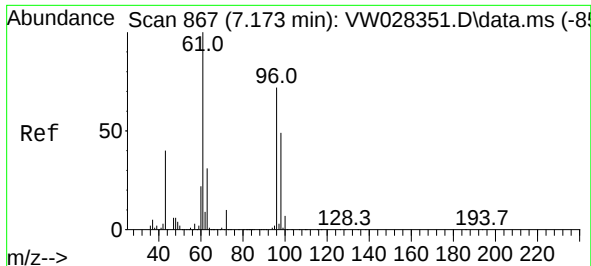
Tgt Ion: 63 Resp: 20770
Ion Ratio Lower Upper
63 100
65 33.0 21.8 40.4
83 12.8 9.0 16.8



#20
cis-1,2-Dichloroethene
Concen: 2.222 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.006 min
Lab File: VW028349IC.D
Acq: 08 Apr 2024 10:10

Tgt Ion: 96 Resp: 10345
Ion Ratio Lower Upper
96 100
61 158.3 97.6 181.2
98 63.2 47.7 88.5





#22

2-Butanone

Concen: 0.362 ug/L

RT: 7.270 min Scan# 867

Delta R.T. 0.098 min

Lab File: VW028349IC.D

Acq: 08 Apr 2024 10:10

Instrument :

MSVOA_W

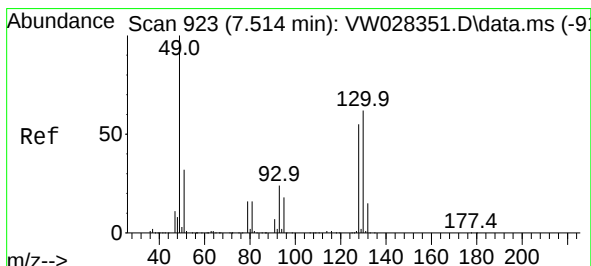
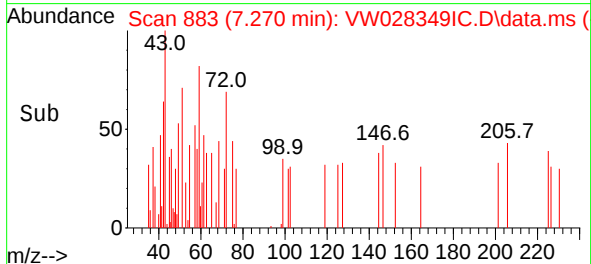
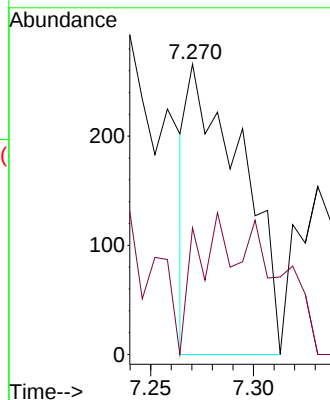
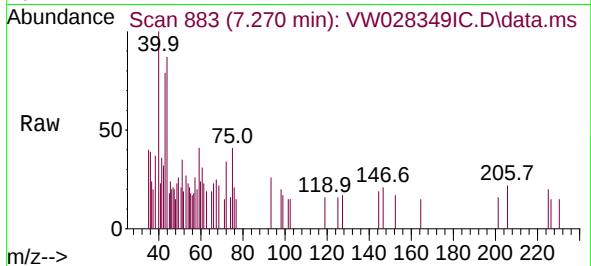
ClientSampleId :

Tgt Ion: 43 Resp: 485

Ion Ratio Lower Upper

43 100

72 29.7 12.8 38.4



#23

Bromochloromethane

Concen: 2.409 ug/L

RT: 7.514 min Scan# 923

Delta R.T. 0.000 min

Lab File: VW028349IC.D

Acq: 08 Apr 2024 10:10

Tgt Ion: 128 Resp: 4831

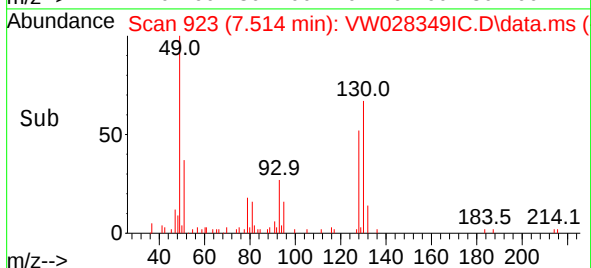
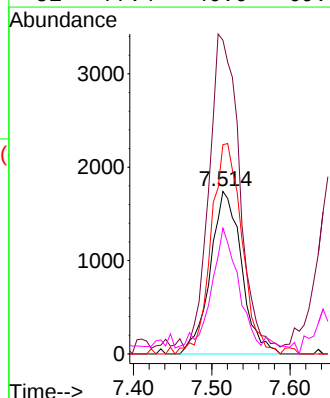
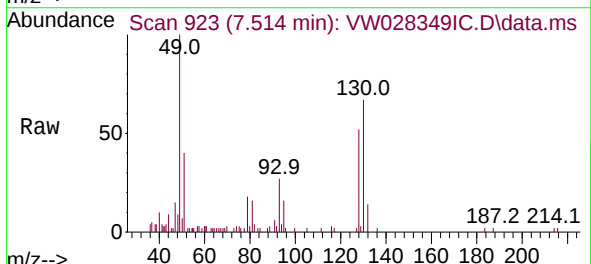
Ion Ratio Lower Upper

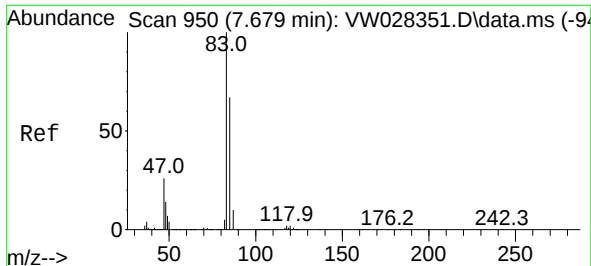
128 100

49 193.0 127.1 236.0

130 128.7 78.3 145.5

51 77.4 46.0 69.0#





#25

Chloroform

Concen: 2.390 ug/L

RT: 7.679 min Scan# 950

Delta R.T. 0.000 min

Lab File: VW028349IC.D

Acq: 08 Apr 2024 10:10

Instrument :

MSVOA_W

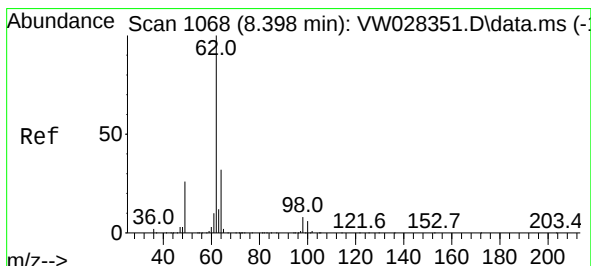
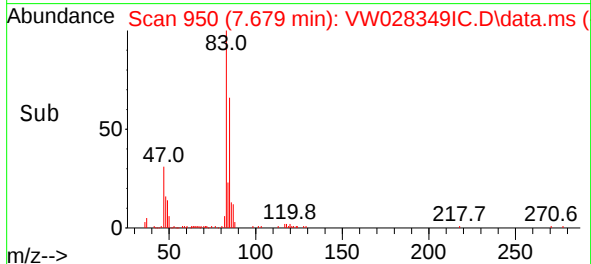
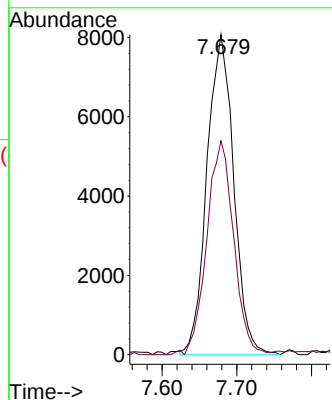
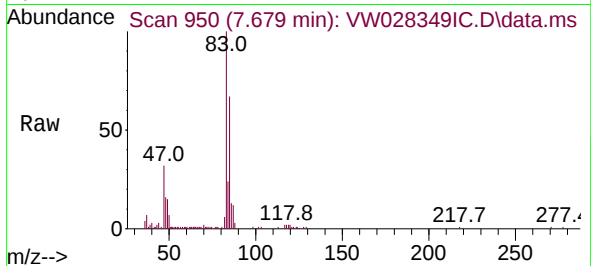
ClientSampleId :

Tgt Ion: 83 Resp: 20065

Ion Ratio Lower Upper

83 100

85 66.8 47.7 88.7



#27

1,2-Dichloroethane

Concen: 2.410 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VW028349IC.D

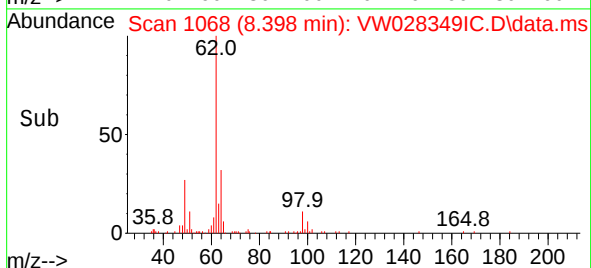
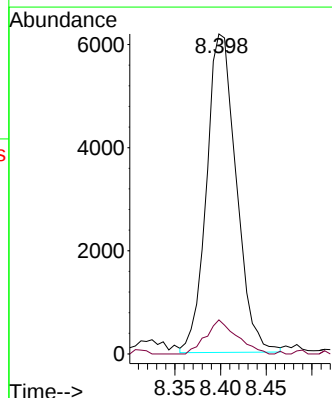
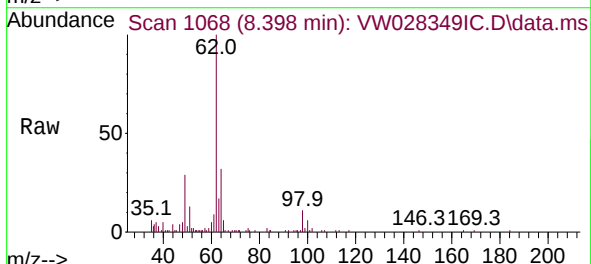
Acq: 08 Apr 2024 10:10

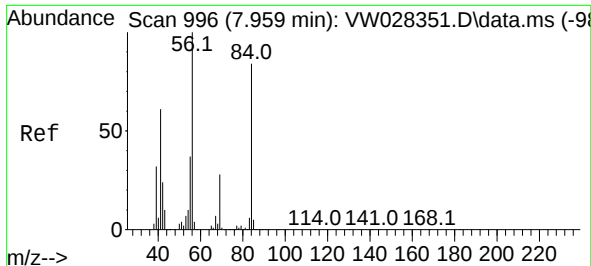
Tgt Ion: 62 Resp: 13968

Ion Ratio Lower Upper

62 100

98 10.7 6.6 10.0#





#29

Cyclohexane

Concen: 2.200 ug/L

RT: 7.953 min Scan# 995

Delta R.T. -0.006 min

Lab File: VW028349IC.D

Acq: 08 Apr 2024 10:10

Instrument :

MSVOA_W

ClientSampleId :

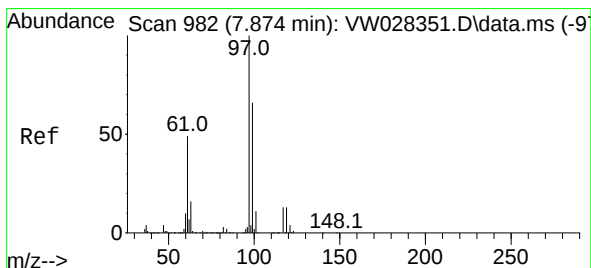
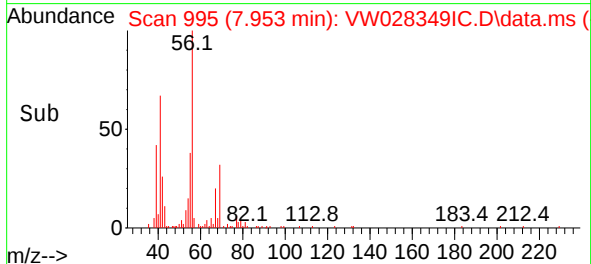
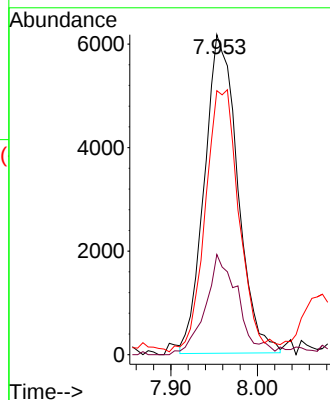
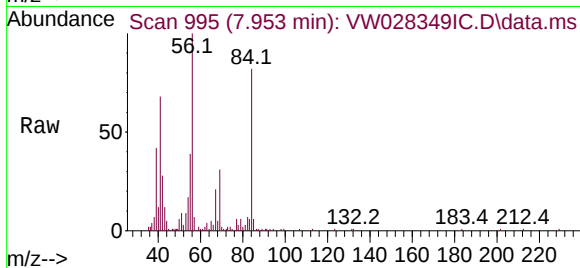
Tgt Ion: 56 Resp: 16413

Ion Ratio Lower Upper

56 100

69 29.8 23.8 35.6

84 83.9 65.9 98.9



#30

1,1,1-Trichloroethane

Concen: 2.521 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.000 min

Lab File: VW028349IC.D

Acq: 08 Apr 2024 10:10

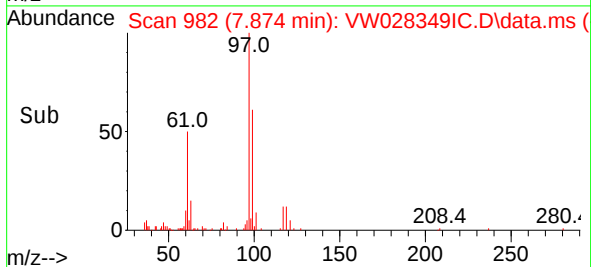
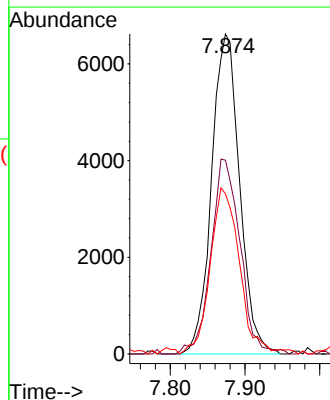
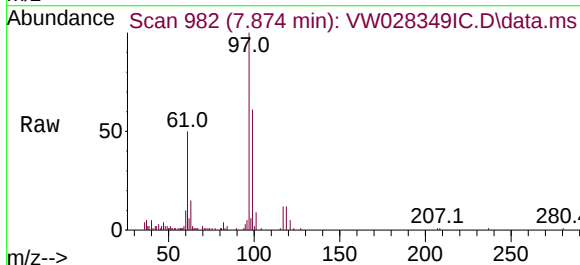
Tgt Ion: 97 Resp: 17270

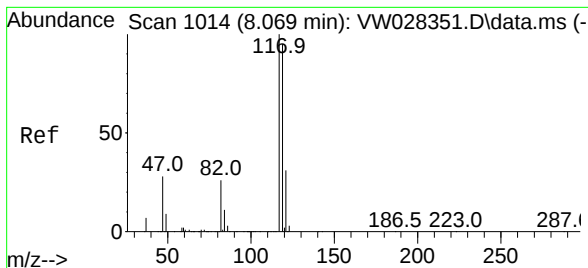
Ion Ratio Lower Upper

97 100

99 60.5 51.4 77.2

61 53.5 40.5 60.7





#31

Carbon tetrachloride

Concen: 2.586 ug/L

RT: 8.075 min Scan# 1015

Delta R.T. 0.006 min

Lab File: VW028349IC.D

Acq: 08 Apr 2024 10:10

Instrument :

MSVOA_W

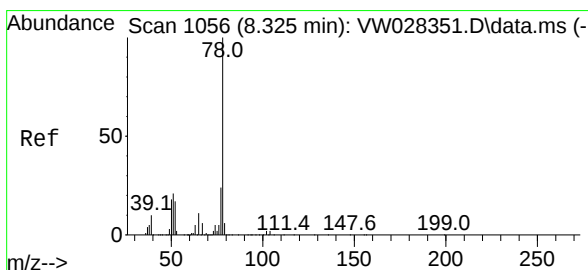
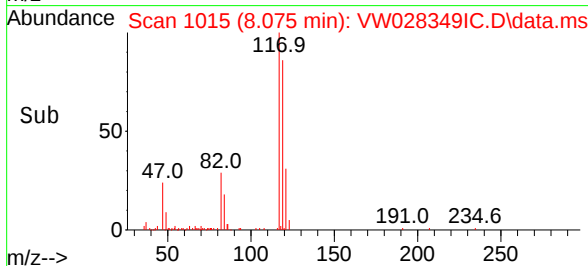
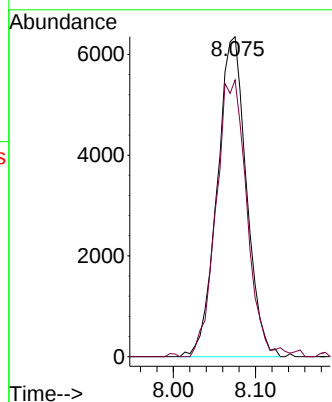
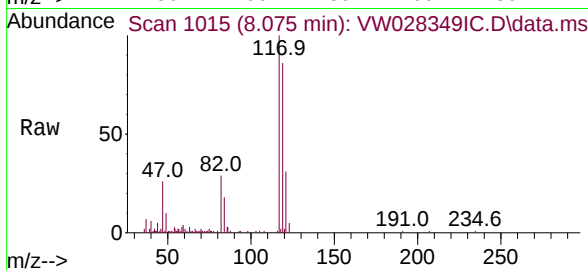
ClientSampleId :

Tgt Ion:117 Resp: 15712

Ion Ratio Lower Upper

117 100

119 89.7 77.4 116.2



#33

Benzene

Concen: 2.360 ug/L

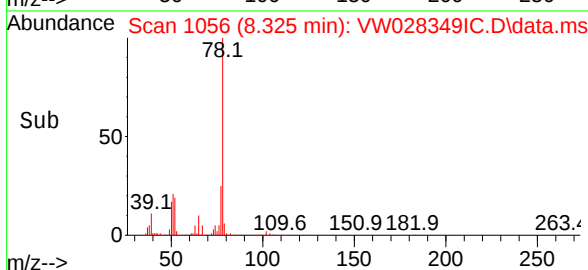
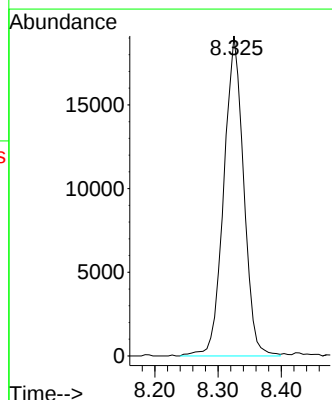
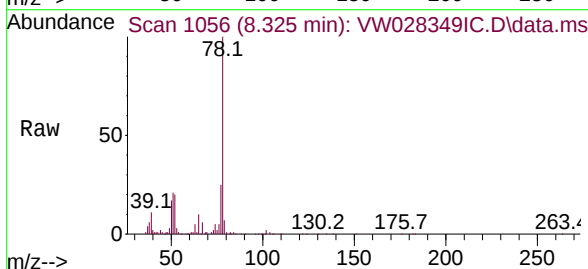
RT: 8.325 min Scan# 1056

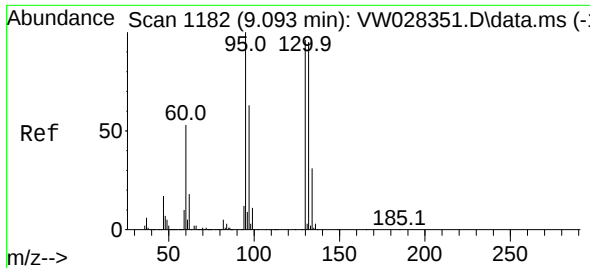
Delta R.T. 0.000 min

Lab File: VW028349IC.D

Acq: 08 Apr 2024 10:10

Tgt Ion: 78 Resp: 41684





#34

Trichloroethene

Concen: 2.466 ug/L

RT: 9.087 min Scan# 1181

Delta R.T. -0.006 min

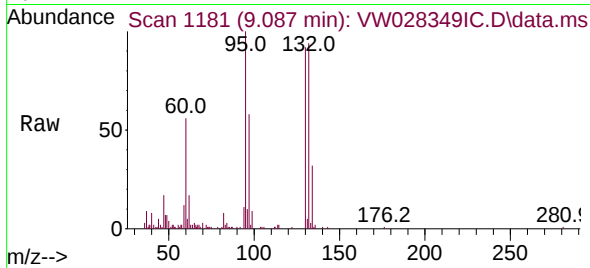
Lab File: VW028349IC.D

Acq: 08 Apr 2024 10:10

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 11800

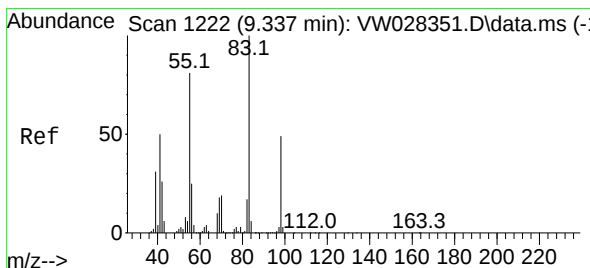
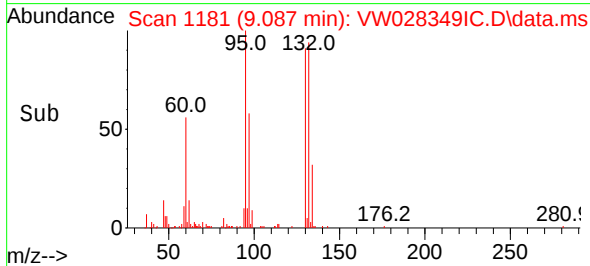
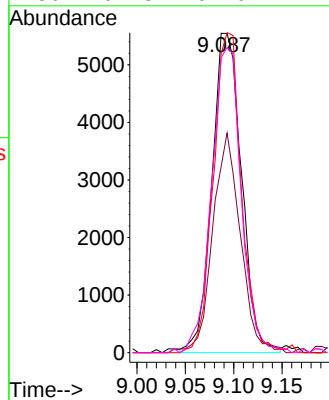
Ion Ratio Lower Upper

95 100

97 58.3 43.8 81.4

132 93.5 66.1 122.8

130 92.3 67.0 124.4



#35

Methylcyclohexane

Concen: 2.180 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. -0.006 min

Lab File: VW028349IC.D

Acq: 08 Apr 2024 10:10

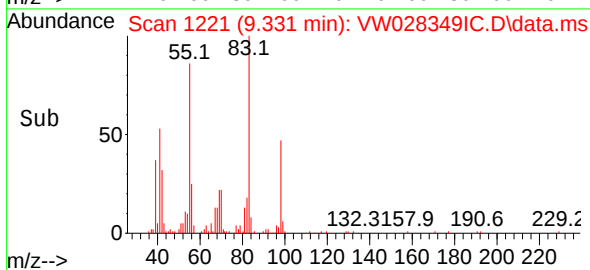
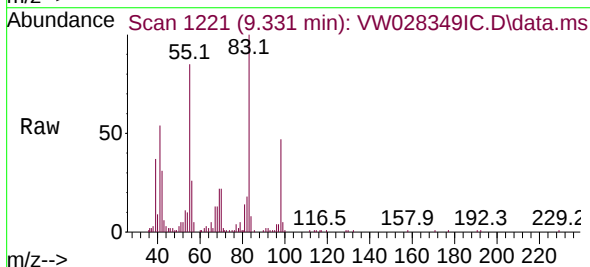
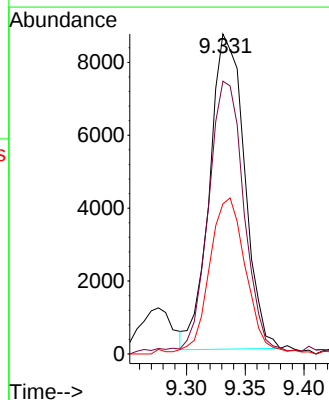
Tgt Ion: 83 Resp: 17808

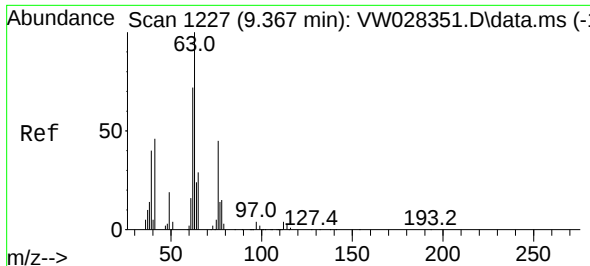
Ion Ratio Lower Upper

83 100

55 87.8 65.7 98.5

98 51.9 38.6 58.0





#37

1,2-Dichloropropane

Concen: 2.376 ug/L

RT: 9.367 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VW028349IC.D

Acq: 08 Apr 2024 10:10

Instrument :

MSVOA_W

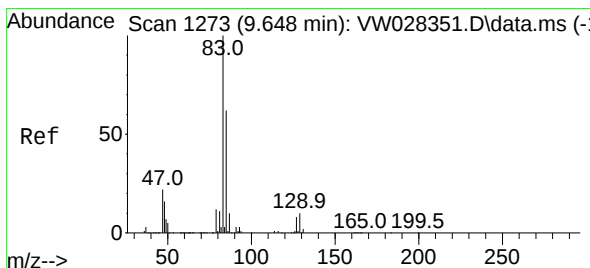
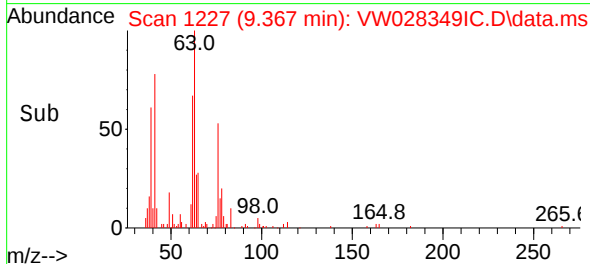
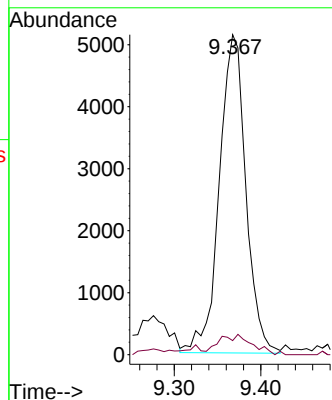
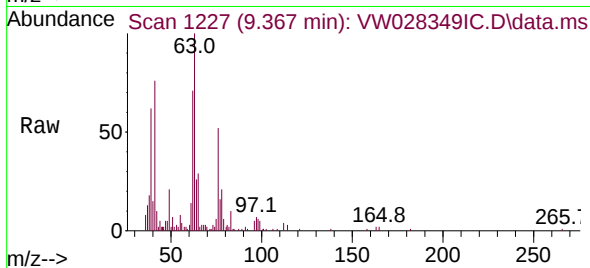
ClientSampleId :

Tgt Ion: 63 Resp: 10938

Ion Ratio Lower Upper

63 100

112 4.0 3.6 5.4



#38

Bromodichloromethane

Concen: 2.405 ug/L

RT: 9.648 min Scan# 1273

Delta R.T. 0.000 min

Lab File: VW028349IC.D

Acq: 08 Apr 2024 10:10

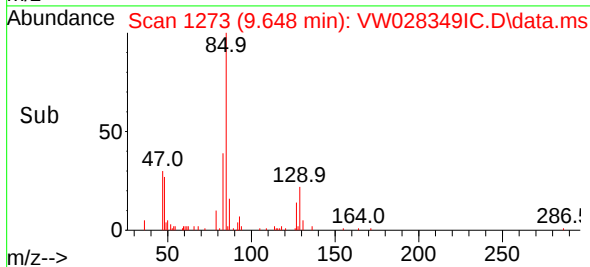
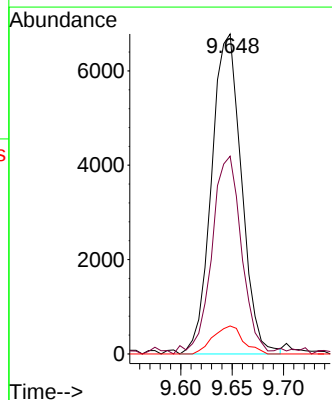
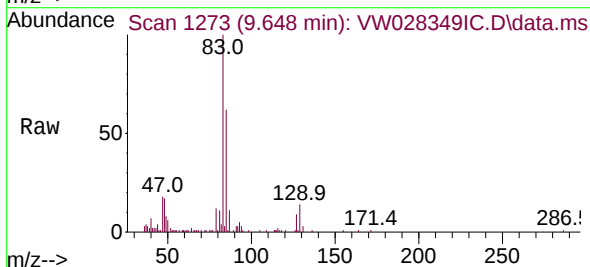
Tgt Ion: 83 Resp: 13720

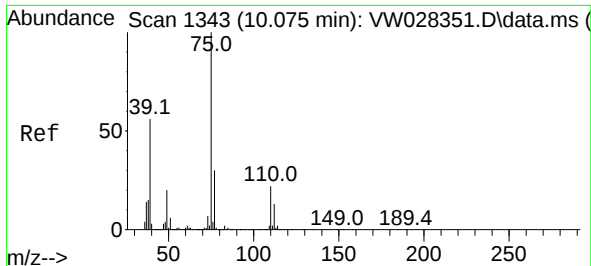
Ion Ratio Lower Upper

83 100

85 61.8 43.1 80.1

127 8.8 6.4 9.6





#39

cis-1,3-Dichloropropene

Concen: 2.163 ug/L

RT: 10.069 min Scan# 1342

Delta R.T. -0.006 min

Lab File: VW028349IC.D

Acq: 08 Apr 2024 10:10

Instrument :

MSVOA_W

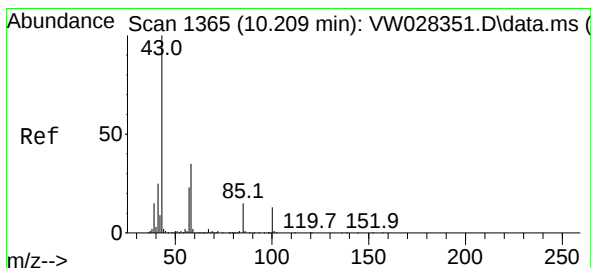
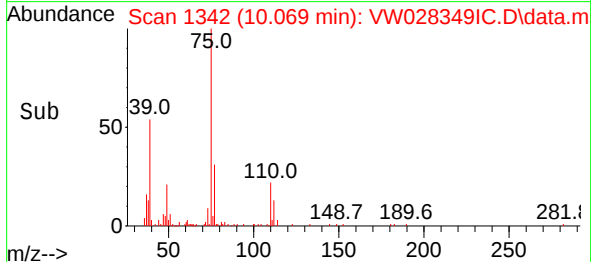
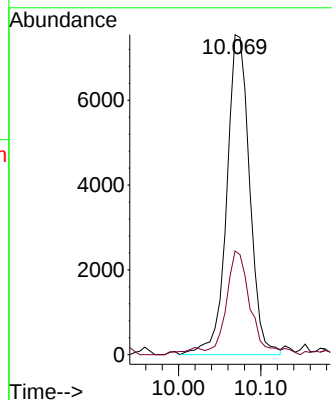
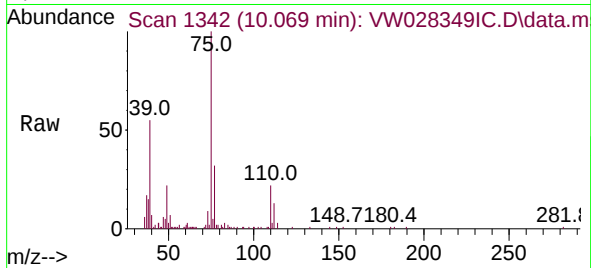
ClientSampleId :

Tgt Ion: 75 Resp: 14619

Ion Ratio Lower Upper

75 100

77 32.4 21.3 39.5



#40

4-Methyl-2-pentanone

Concen: 4.610 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW028349IC.D

Acq: 08 Apr 2024 10:10

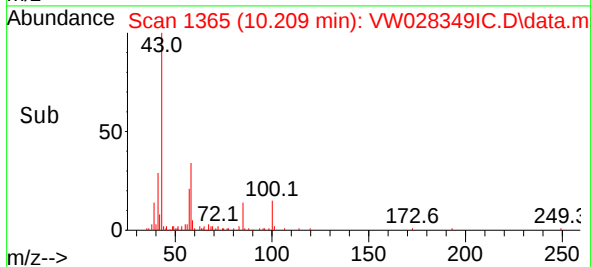
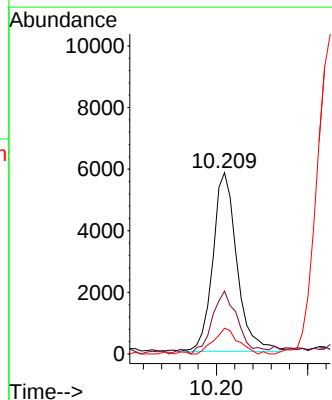
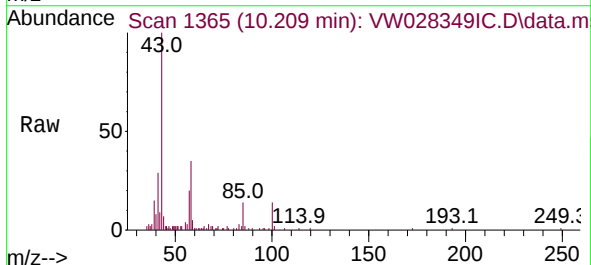
Tgt Ion: 43 Resp: 10628

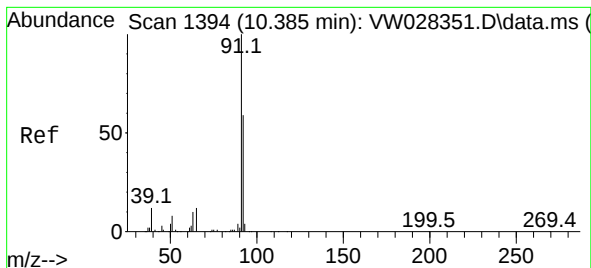
Ion Ratio Lower Upper

43 100

58 36.0 28.6 43.0

100 14.3 10.6 16.0





#42

Toluene

Concen: 2.303 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VW028349IC.D

Acq: 08 Apr 2024 10:10

Instrument :

MSVOA_W

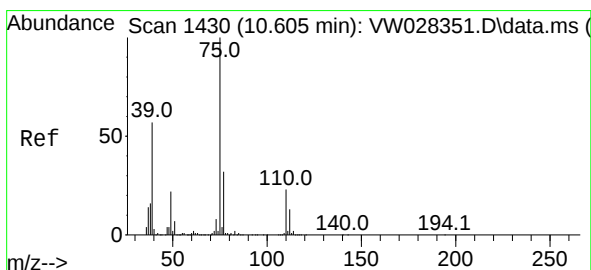
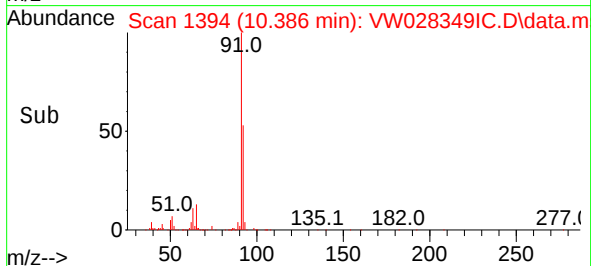
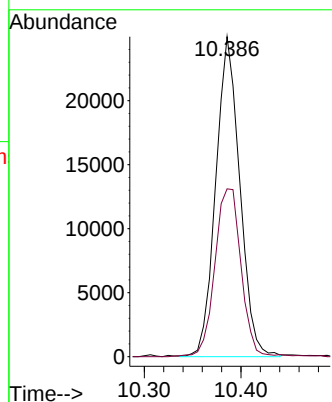
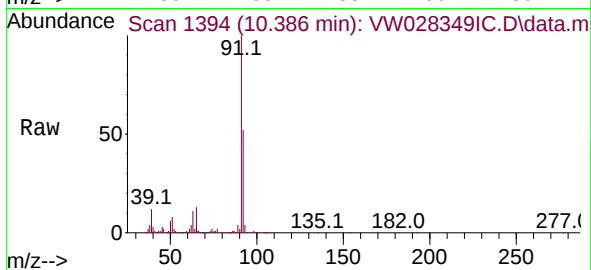
ClientSampleId :

Tgt Ion: 91 Resp: 43095

Ion Ratio Lower Upper

91 100

92 52.5 41.1 76.3



#44

trans-1,3-Dichloropropene

Concen: 2.212 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW028349IC.D

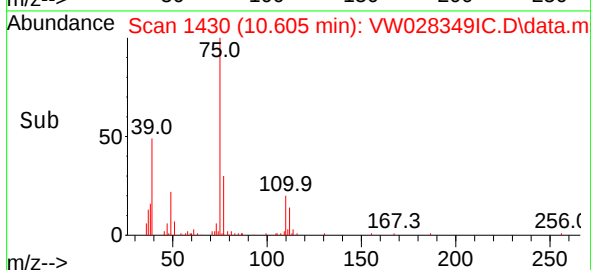
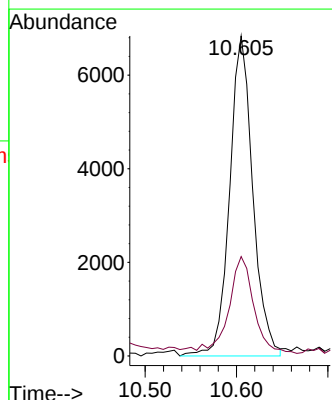
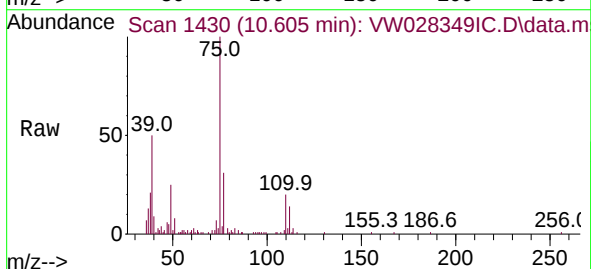
Acq: 08 Apr 2024 10:10

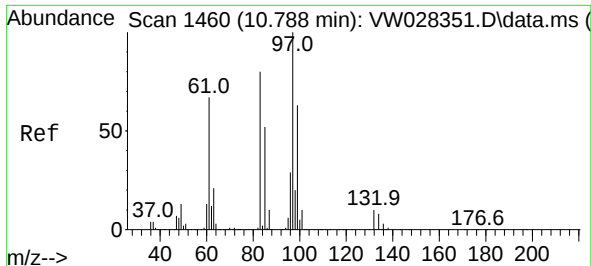
Tgt Ion: 75 Resp: 12079

Ion Ratio Lower Upper

75 100

77 31.1 22.6 42.0

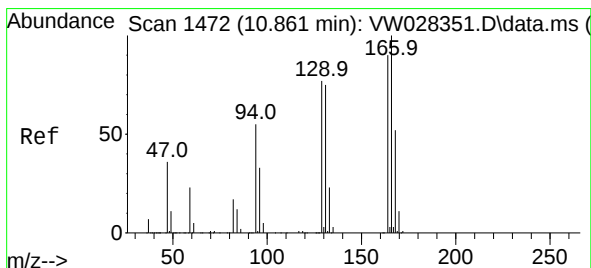
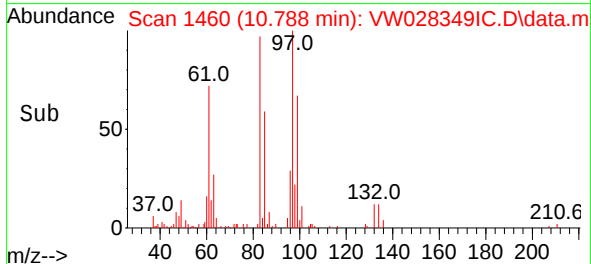
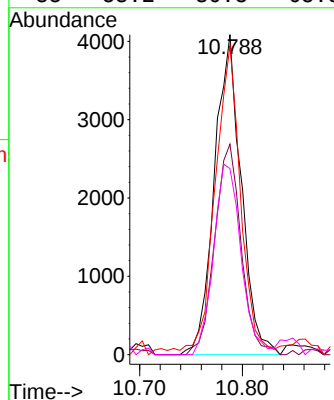
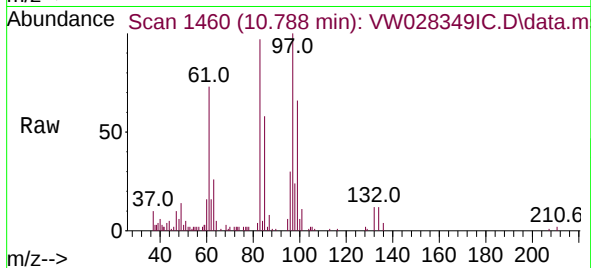




#45
1,1,2-Trichloroethane
Concen: 2.371 ug/L
RT: 10.788 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VW028349IC.D
Acq: 08 Apr 2024 10:10

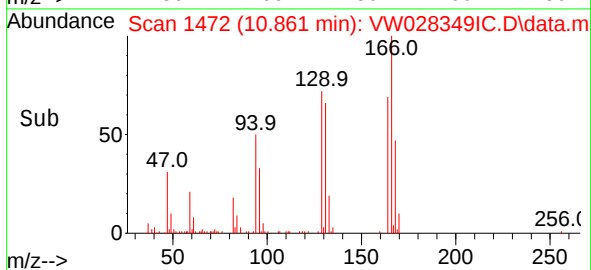
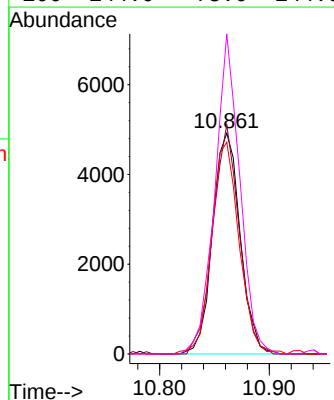
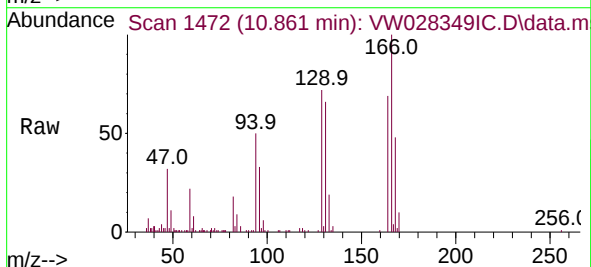
Instrument :
MSVOA_W
ClientSampleId :

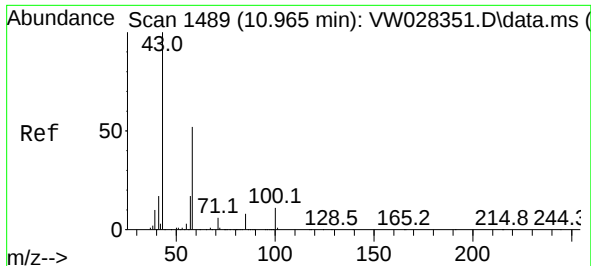
Tgt Ion: 97	Resp: 7383
Ion Ratio	Lower Upper
97 100	
99 65.8	44.2 82.2
83 96.6	56.4 104.7
85 58.2	36.8 68.3



#46
Tetrachloroethene
Concen: 2.413 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW028349IC.D
Acq: 08 Apr 2024 10:10

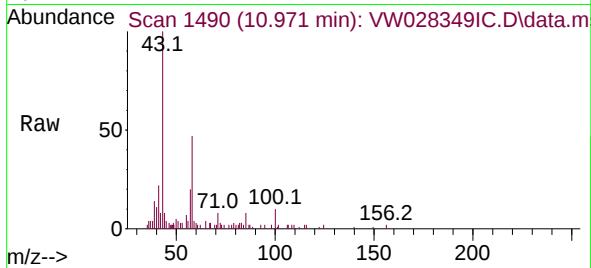
Tgt	Ion:164	Resp:	8626
Ion	Ratio	Lower	Upper
164	100		
129	103.8	59.7	110.9
131	96.0	58.2	108.2
166	144.9	78.0	144.8#



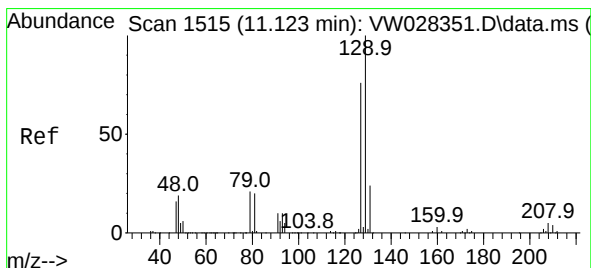
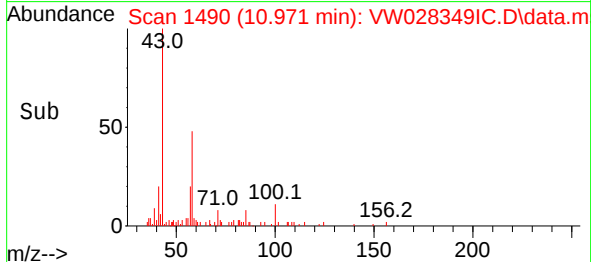
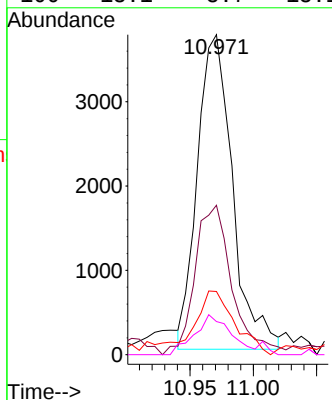


#48
2-Hexanone
Concen: 4.051 ug/L
RT: 10.971 min Scan# 1489
Delta R.T. 0.006 min
Lab File: VW028349IC.D
Acq: 08 Apr 2024 10:10

Instrument :
MSVOA_W
ClientSampleId :

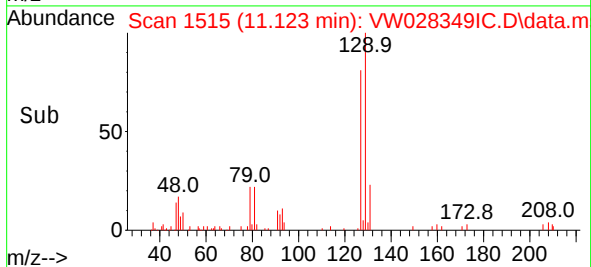
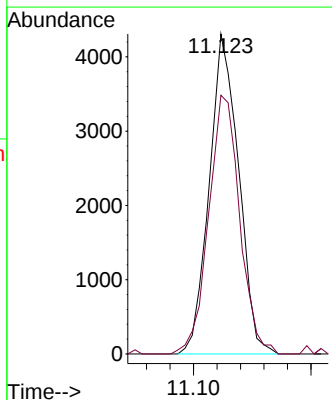
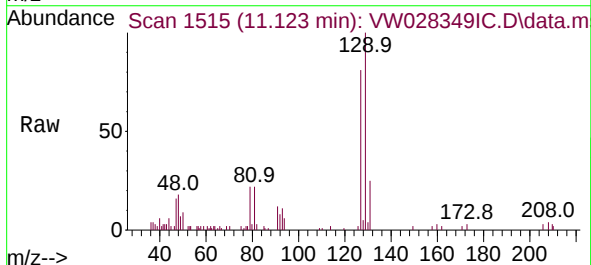


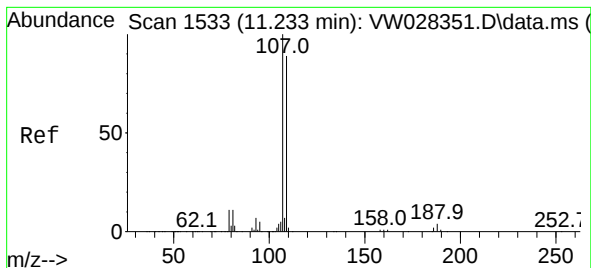
Tgt Ion: 43 Resp: 7230
Ion Ratio Lower Upper
43 100
58 50.0 38.9 58.3
57 21.7 14.4 21.6#
100 13.1 8.7 13.1#



#49
Dibromochloromethane
Concen: 2.245 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. 0.000 min
Lab File: VW028349IC.D
Acq: 08 Apr 2024 10:10

Tgt Ion: 129 Resp: 7472
Ion Ratio Lower Upper
129 100
127 80.8 53.0 98.4





#50

1,2-Dibromoethane

Concen: 2.314 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VW028349IC.D

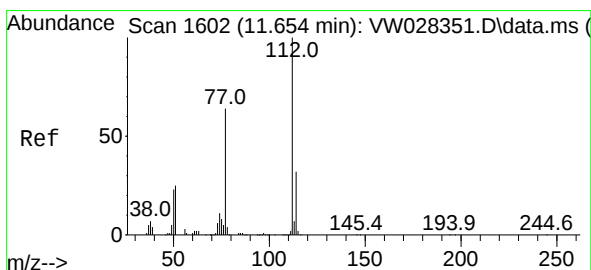
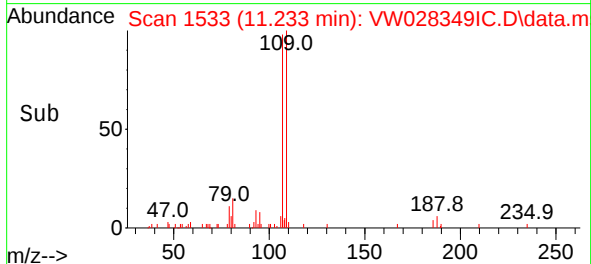
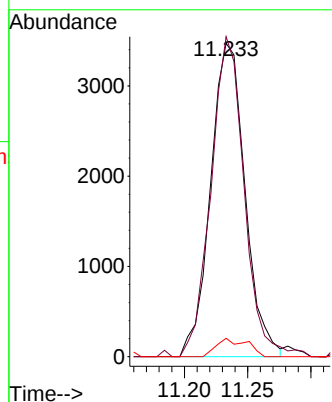
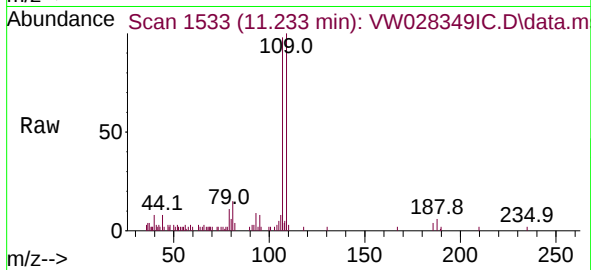
Acq: 08 Apr 2024 10:10

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	107	Resp:	6578
Ion	Ratio	Lower	Upper
107	100		
109	102.1	62.1	115.3
188	5.9	3.2	4.8#



#51

Chlorobenzene

Concen: 2.466 ug/L

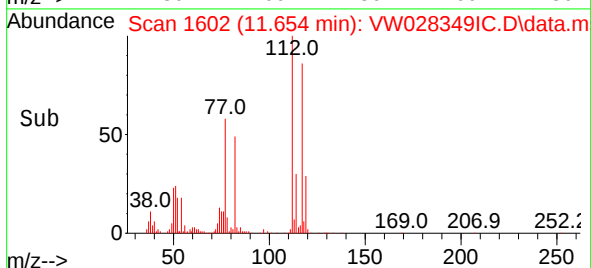
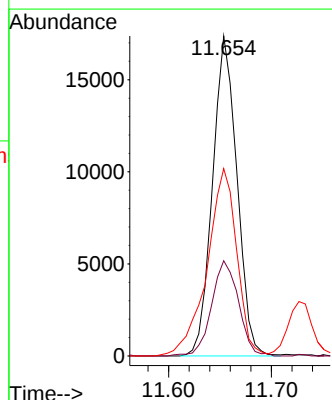
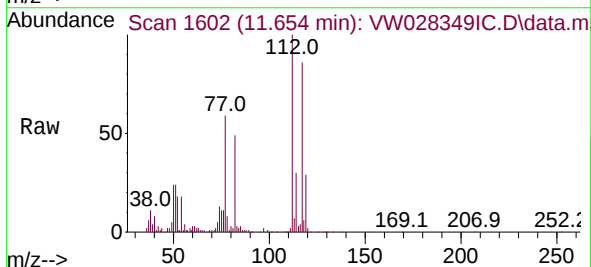
RT: 11.654 min Scan# 1602

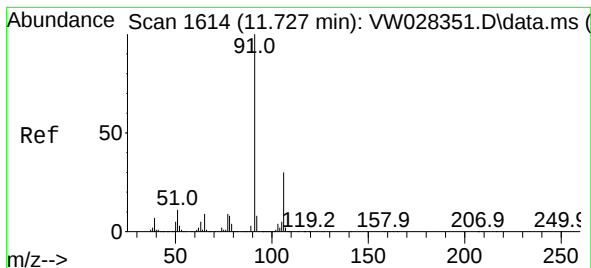
Delta R.T. 0.000 min

Lab File: VW028349IC.D

Acq: 08 Apr 2024 10:10

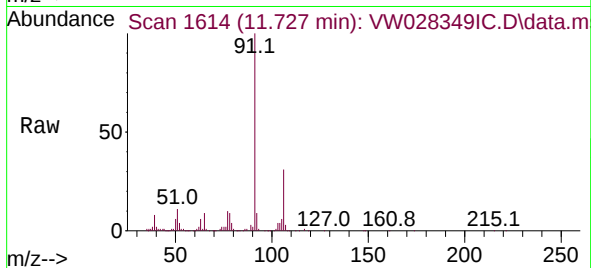
Tgt Ion:	112	Resp:	28677
Ion	Ratio	Lower	Upper
112	100		
114	29.8	22.3	41.3
77	58.5	51.8	77.8



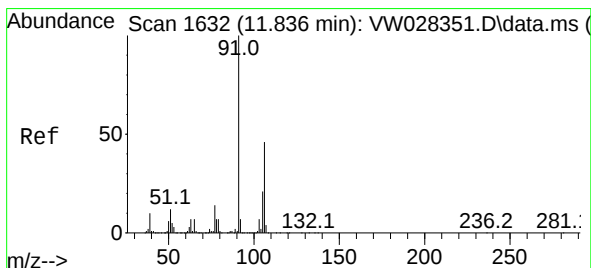
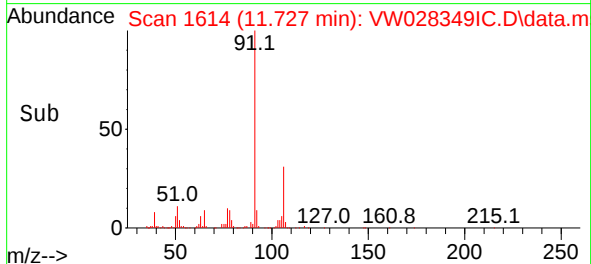
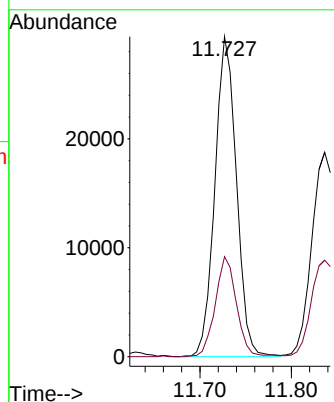


#52
Ethylbenzene
Concen: 2.271 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW028349IC.D
Acq: 08 Apr 2024 10:10

Instrument :
MSVOA_W
ClientSampleId :

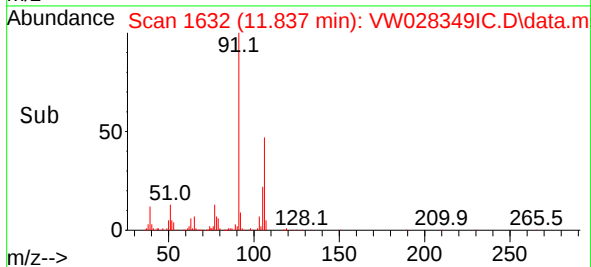
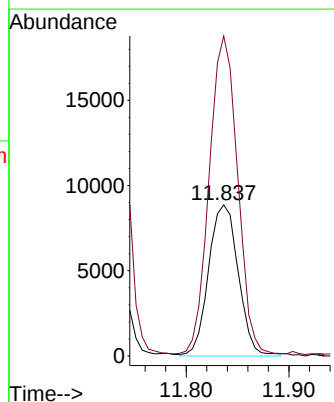
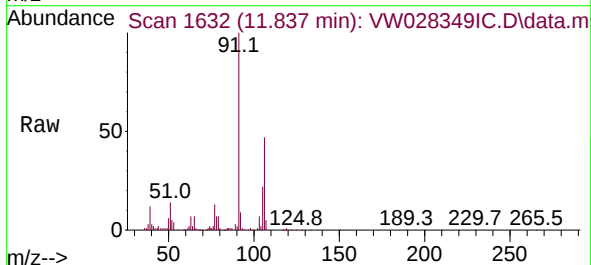


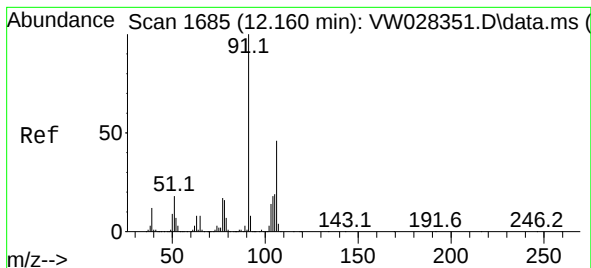
Tgt Ion: 91 Resp: 48165
Ion Ratio Lower Upper
91 100
106 31.3 21.2 39.4



#53
m,p-Xylene
Concen: 2.252 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW028349IC.D
Acq: 08 Apr 2024 10:10

Tgt Ion: 106 Resp: 17763
Ion Ratio Lower Upper
106 100
91 211.8 152.4 283.0





#54

o-Xylene

Concen: 2.152 ug/L

RT: 12.160 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW028349IC.D

Acq: 08 Apr 2024 10:10

Instrument :

MSVOA_W

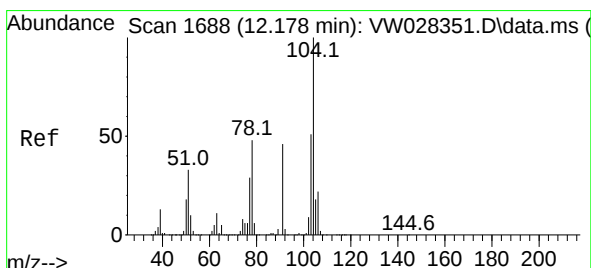
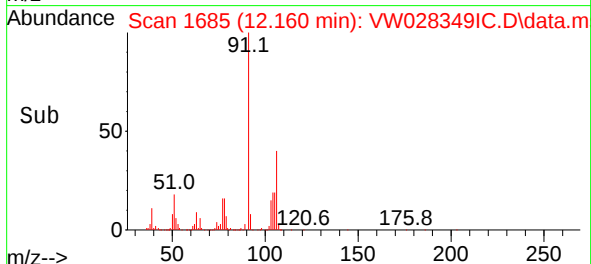
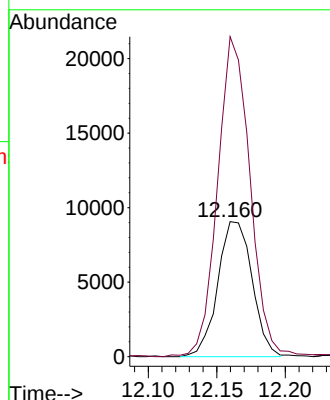
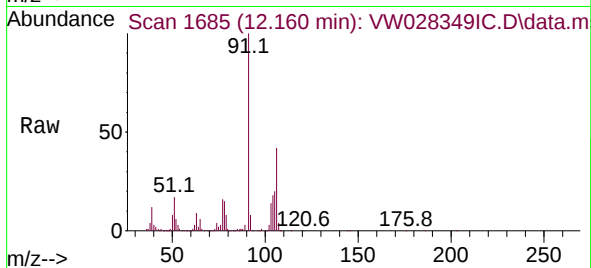
ClientSampleId :

Tgt Ion:106 Resp: 15801

Ion Ratio Lower Upper

106 100

91 236.8 152.9 283.9



#55

Styrene

Concen: 2.098 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW028349IC.D

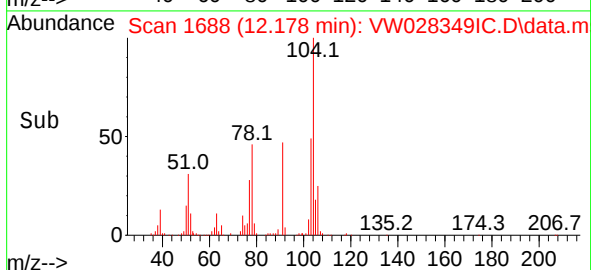
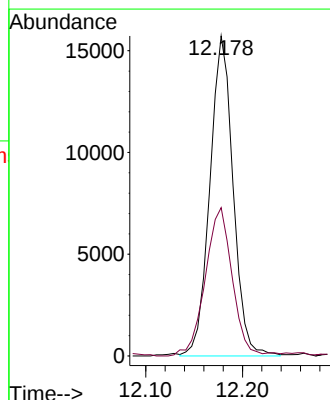
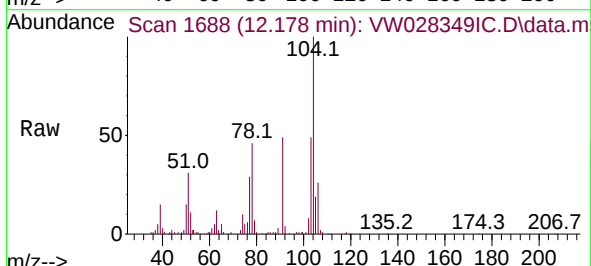
Acq: 08 Apr 2024 10:10

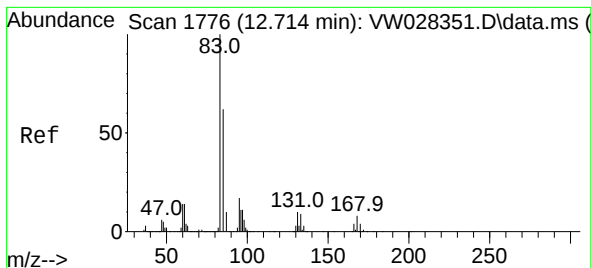
Tgt Ion:104 Resp: 26226

Ion Ratio Lower Upper

104 100

78 46.4 33.8 62.8

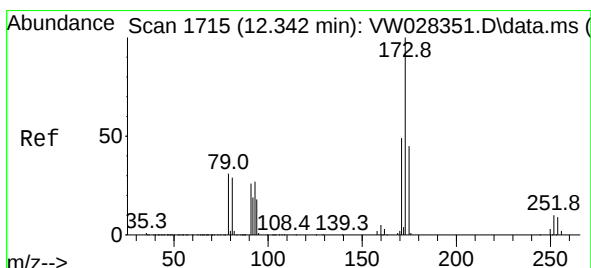
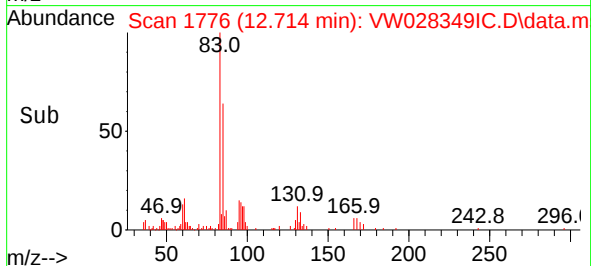
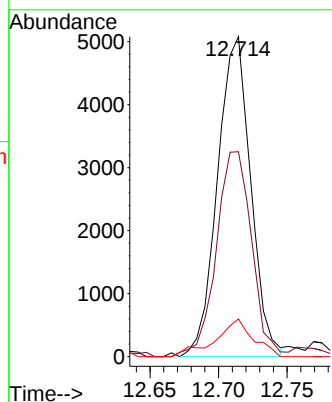
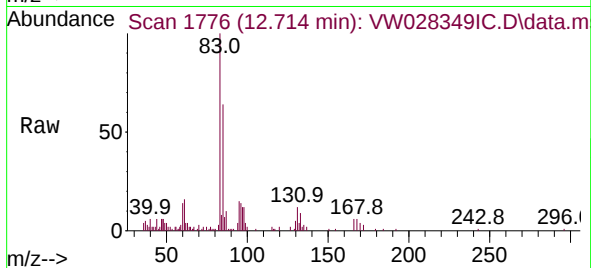




#57
1,1,2,2-Tetrachloroethane
Concen: 2.431 ug/L
RT: 12.714 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VW028349IC.D
Acq: 08 Apr 2024 10:10

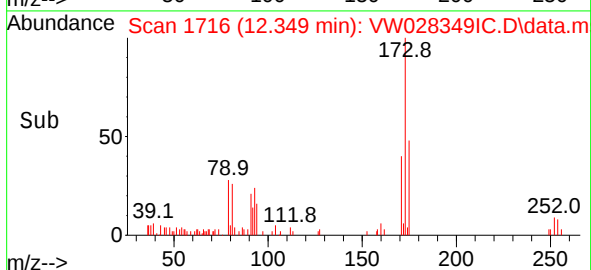
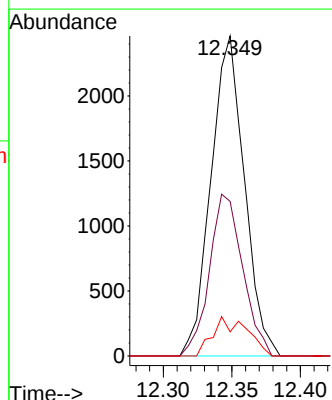
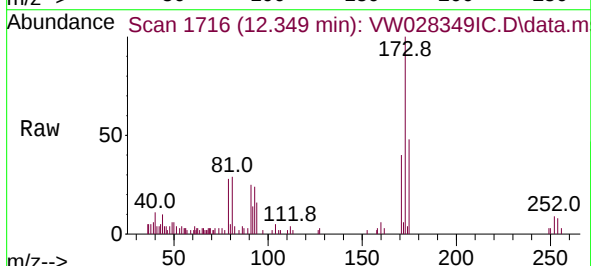
Instrument :
MSVOA_W
ClientSampleId :

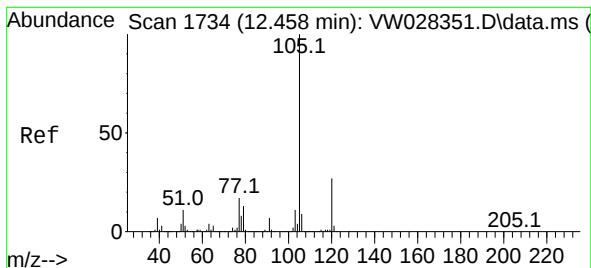
Tgt Ion: 83 Resp: 8568
Ion Ratio Lower Upper
83 100
85 64.0 43.4 80.6
131 11.8 8.0 12.0



#59
Bromoform
Concen: 2.312 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. 0.006 min
Lab File: VW028349IC.D
Acq: 08 Apr 2024 10:10

Tgt Ion: 173 Resp: 4178
Ion Ratio Lower Upper
173 100
175 50.3 39.2 58.8
254 6.6 8.3 12.5#





#60

Isopropylbenzene

Concen: 2.149 ug/L

RT: 12.458 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW028349IC.D

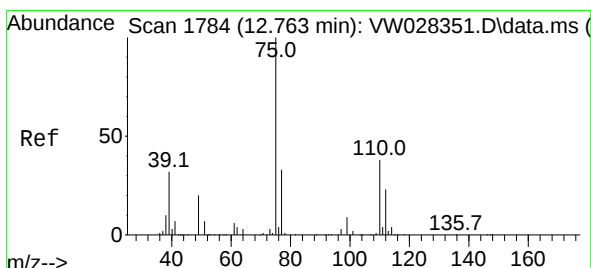
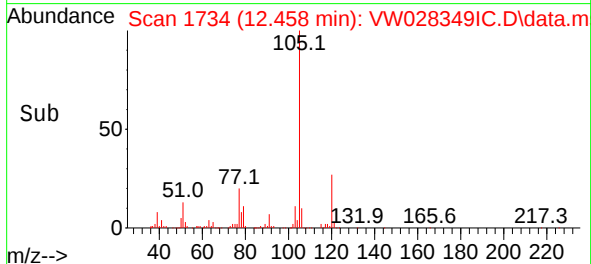
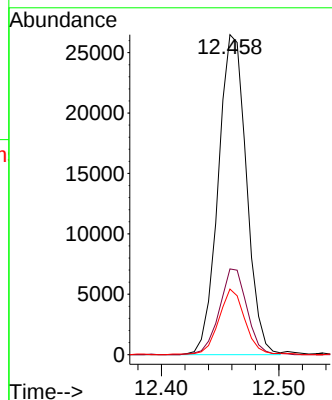
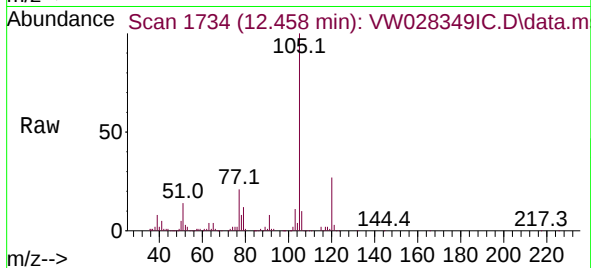
Acq: 08 Apr 2024 10:10

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:105	Resp:	44110
Ion Ratio	Lower	Upper
105	100	
120	26.2	20.8 31.2
77	18.9	13.4 20.2



#61

1,2,3-Trichloropropane

Concen: 2.521 ug/L

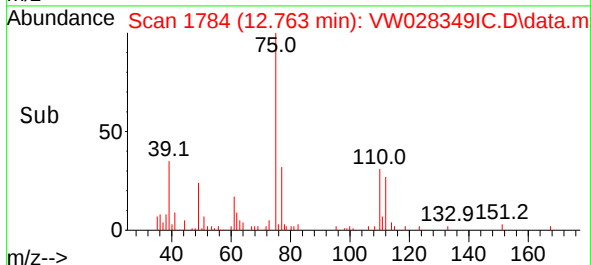
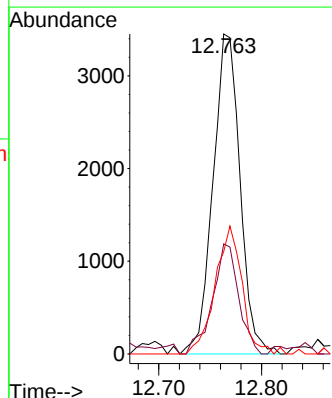
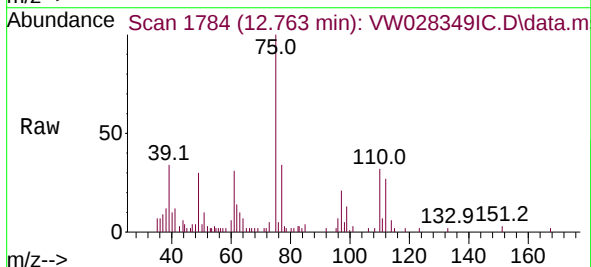
RT: 12.763 min Scan# 1784

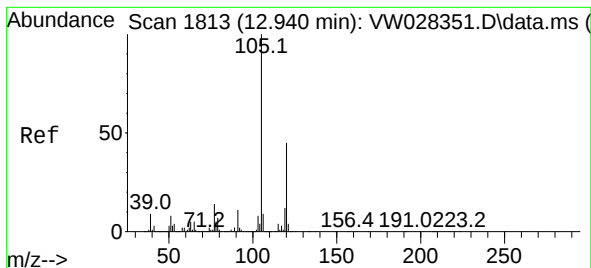
Delta R.T. 0.000 min

Lab File: VW028349IC.D

Acq: 08 Apr 2024 10:10

Tgt Ion: 75	Resp:	6310
Ion Ratio	Lower	Upper
75	100	
77	33.2	26.1 39.1
110	39.4	30.6 46.0





#62

1,3,5-Trimethylbenzene

Concen: 2.032 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW028349IC.D

Acq: 08 Apr 2024 10:10

Instrument :

MSVOA_W

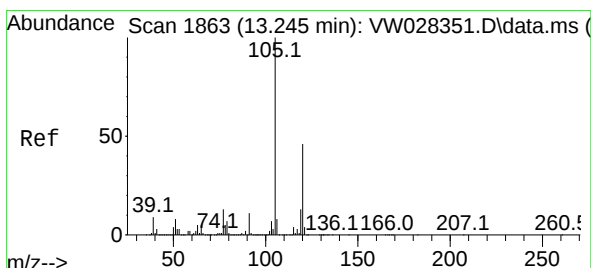
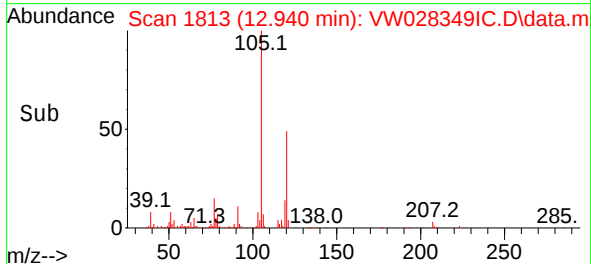
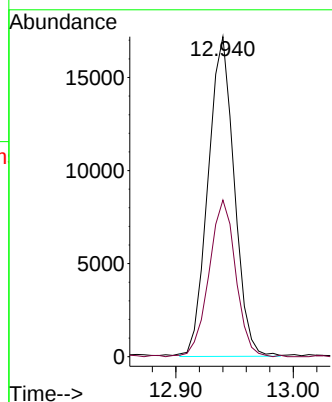
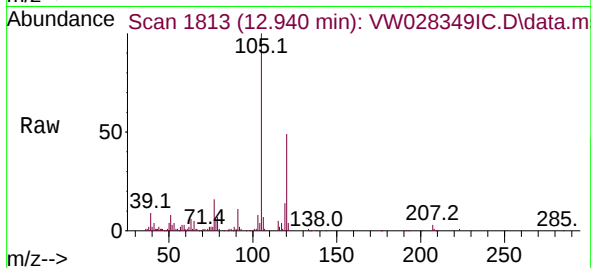
ClientSampleId :

Tgt Ion:105 Resp: 26585

Ion Ratio Lower Upper

105 100

120 50.0 37.5 56.3



#63

1,2,4-Trimethylbenzene

Concen: 2.080 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW028349IC.D

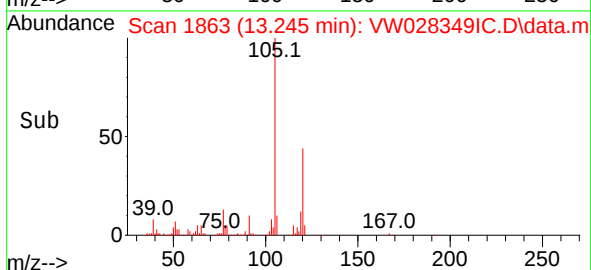
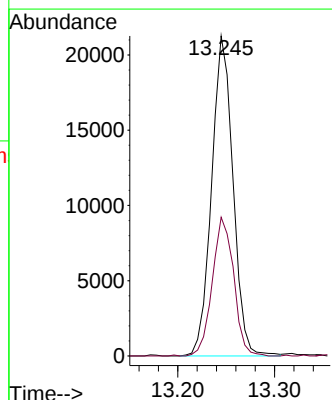
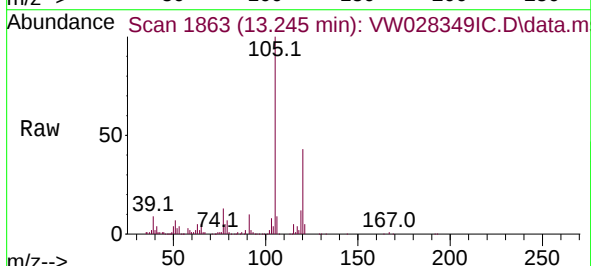
Acq: 08 Apr 2024 10:10

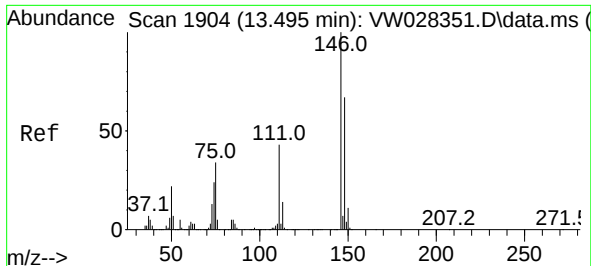
Tgt Ion:105 Resp: 32747

Ion Ratio Lower Upper

105 100

120 43.1 35.4 53.0





#64

1,3-Dichlorobenzene

Concen: 2.310 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

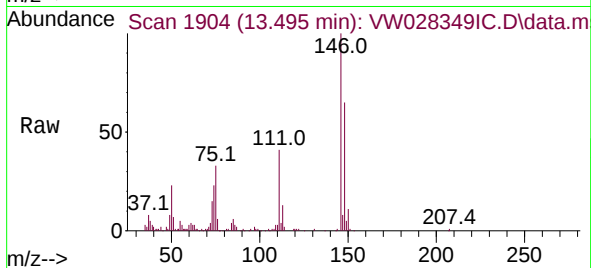
Lab File: VW028349IC.D

Acq: 08 Apr 2024 10:10

Instrument :

MSVOA_W

ClientSampleId :



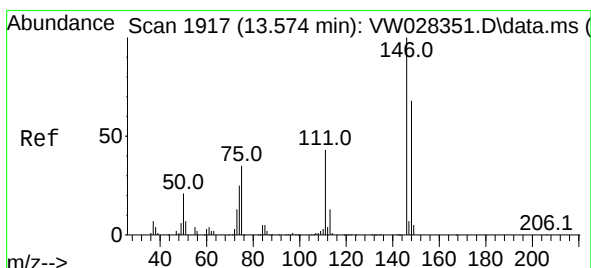
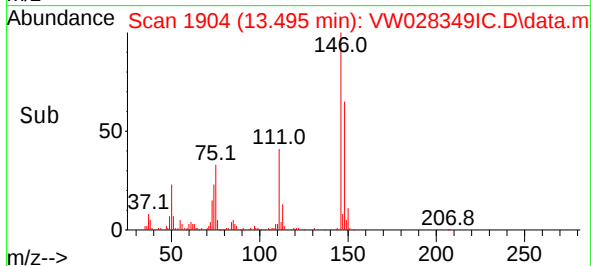
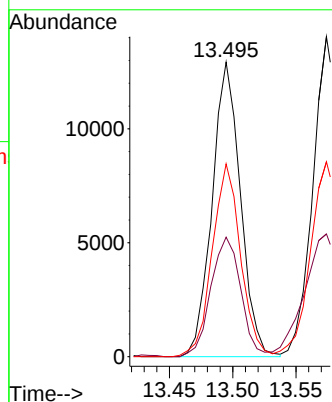
Tgt Ion:146 Resp: 20117

Ion Ratio Lower Upper

146 100

111 40.5 29.8 55.3

148 65.4 47.3 87.8



#65

1,4-Dichlorobenzene

Concen: 2.472 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW028349IC.D

Acq: 08 Apr 2024 10:10

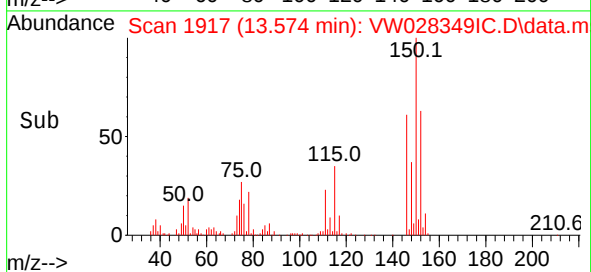
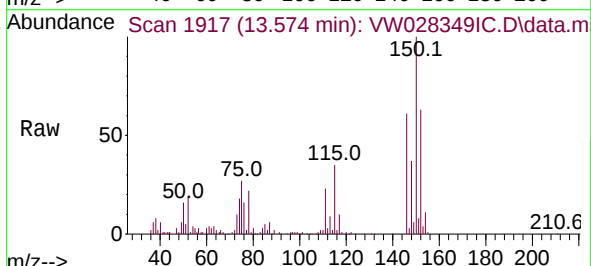
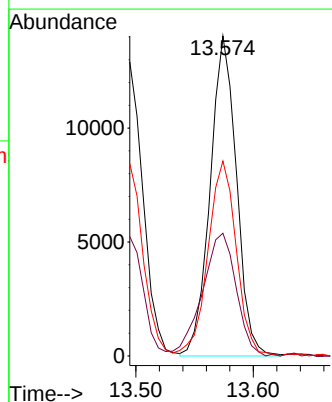
Tgt Ion:146 Resp: 21901

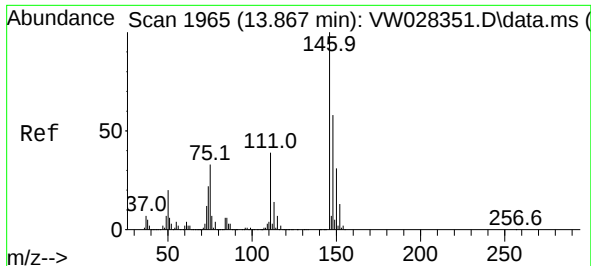
Ion Ratio Lower Upper

146 100

111 38.4 30.3 56.3

148 60.9 47.3 87.8





#67

1,2-Dichlorobenzene

Concen: 2.359 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

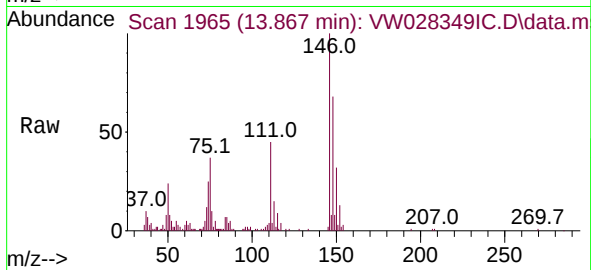
Lab File: VW028349IC.D

Acq: 08 Apr 2024 10:10

Instrument :

MSVOA_W

ClientSampleId :



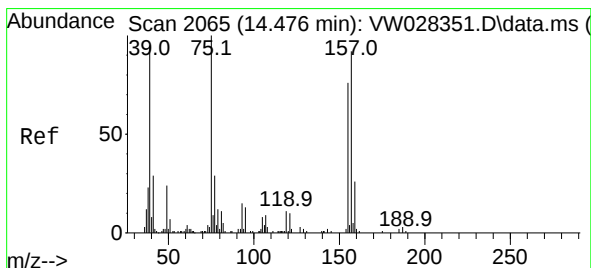
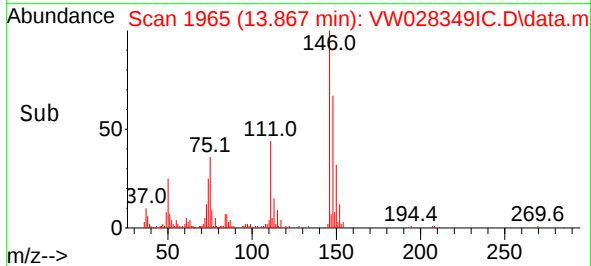
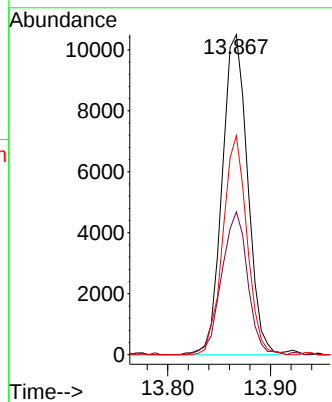
Tgt Ion:146 Resp: 18070

Ion Ratio Lower Upper

146 100

111 44.6 31.4 47.2

148 68.5 46.4 69.6



#68

1,2-Dibromo-3-chloropropane

Concen: 2.706 ug/L

RT: 14.482 min Scan# 2066

Delta R.T. 0.006 min

Lab File: VW028349IC.D

Acq: 08 Apr 2024 10:10

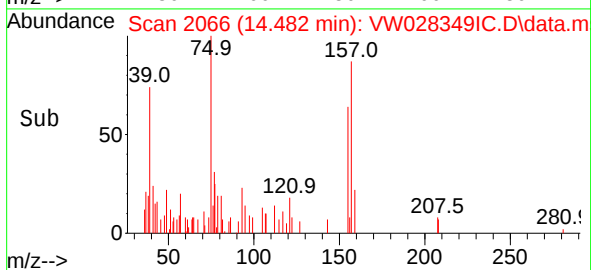
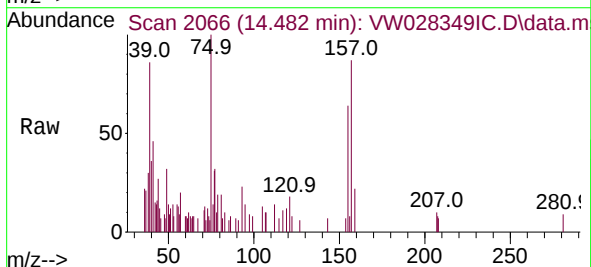
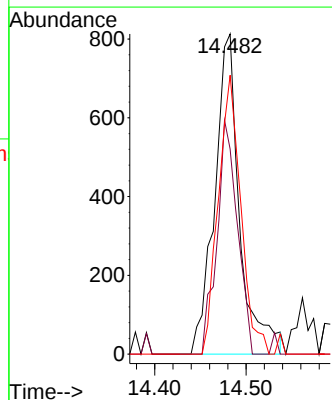
Tgt Ion: 75 Resp: 1552

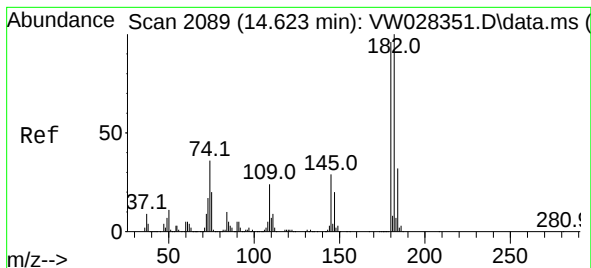
Ion Ratio Lower Upper

75 100

155 64.1 61.2 91.8

157 87.1 73.3 109.9





#69

1,3,5-Trichlorobenzene

Concen: 2.296 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

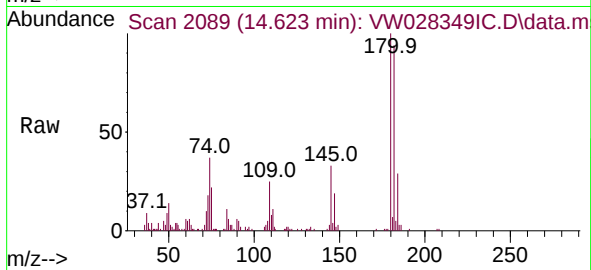
Lab File: VW028349IC.D

Acq: 08 Apr 2024 10:10

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 13761

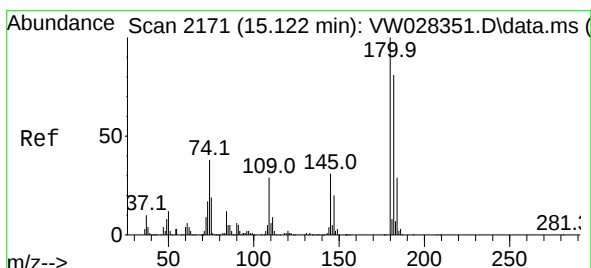
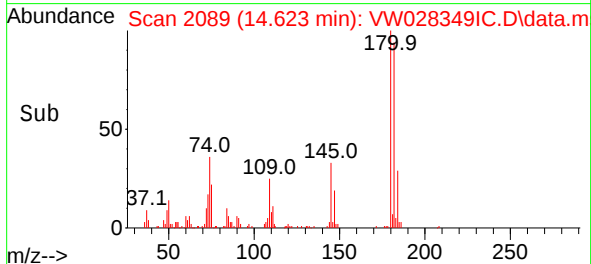
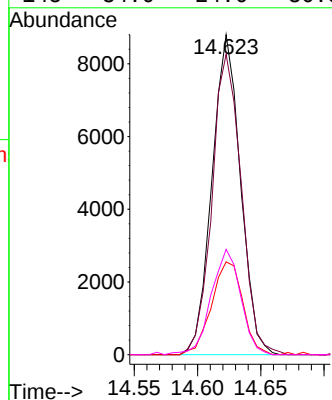
Ion Ratio Lower Upper

180 100

182 96.3 77.4 116.0

184 31.8 24.8 37.2

145 34.0 24.6 36.8



#70

1,2,4-trichlorobenzene

Concen: 2.368 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.006 min

Lab File: VW028349IC.D

Acq: 08 Apr 2024 10:10

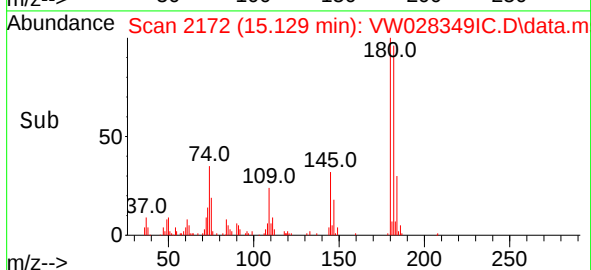
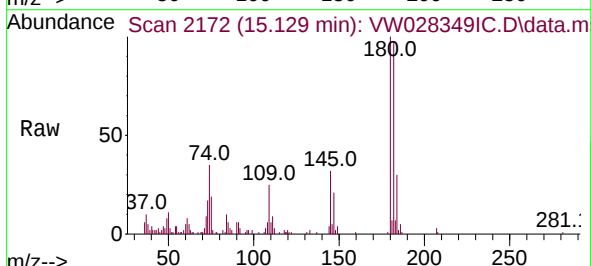
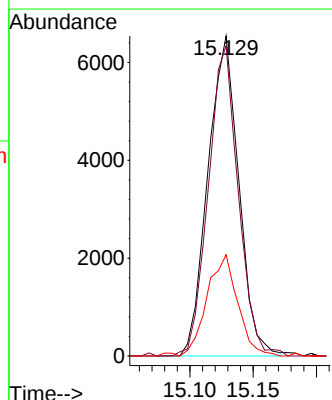
Tgt Ion:180 Resp: 11080

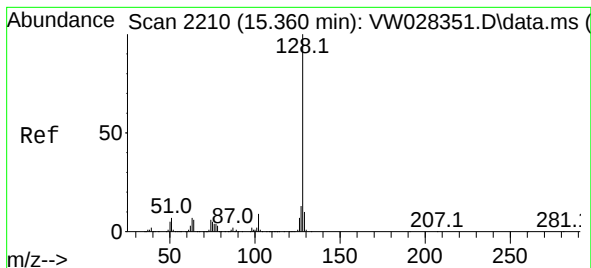
Ion Ratio Lower Upper

180 100

182 93.1 71.5 107.3

145 31.4 23.5 35.3





#71

Naphthalene

Concen: 2.030 ug/L

RT: 15.354 min Scan# 2210

Delta R.T. -0.006 min

Lab File: VW028349IC.D

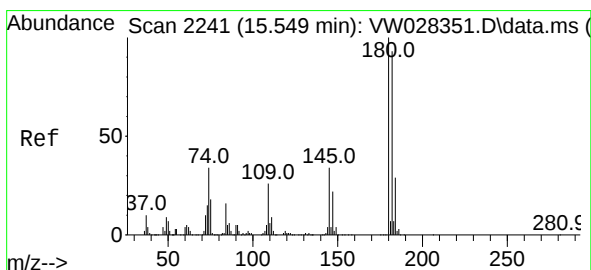
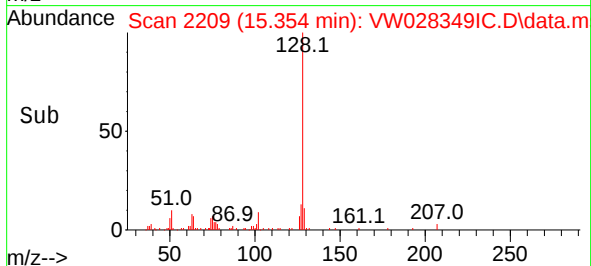
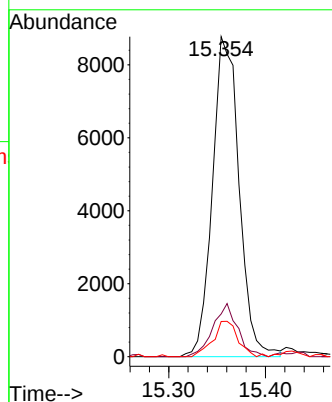
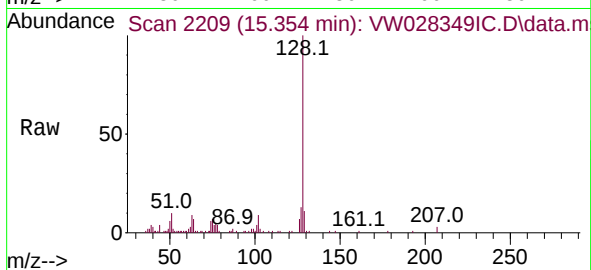
Acq: 08 Apr 2024 10:10

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	128	Resp:	16811
Ion Ratio	Lower	Upper	
128	100		
127	15.3	10.7	16.1
129	10.2	8.5	12.7



#72

1,2,3-Trichlorobenzene

Concen: 2.287 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW028349IC.D

Acq: 08 Apr 2024 10:10

Tgt Ion:	180	Resp:	9499
Ion Ratio	Lower	Upper	
180	100		
182	94.4	75.7	113.5
145	30.7	26.2	39.4

