

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031424\
 Data File : VW028179.D
 Acq On : 14 Mar 2024 14:33
 Operator : SY/MD
 Sample : VSTD050
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Mar 15 01:25:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM031424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Mar 15 01:22:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	190797	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	173685	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	92964	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	119886	53.702	ug/L	0.00
7) Chloroethane-d5	2.905	69	86085	55.787	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.021	65	77787	55.795	ug/L	0.00
21) 2-Butanone-d5	7.075	46	70912	110.244	ug/L	0.00
24) Chloroform-d	7.648	84	323705	57.536	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	173775	56.048	ug/L	0.00
32) Benzene-d6	8.276	84	619363	58.408	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.270	67	174746	57.263	ug/L	0.00
41) Toluene-d8	10.325	98	583511	59.658	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	80446	58.042	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	58159	116.710	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	127931	56.752	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	196845	58.126	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.021	85	128463	48.101	ug/L	96
3) Chloromethane	2.229	50	99484	50.678	ug/L	99
5) Vinyl chloride	2.375	62	112300	50.608	ug/L	98
6) Bromomethane	2.796	94	66379	50.229	ug/L	90
8) Chloroethane	2.942	64	59172	49.612	ug/L	97
9) Trichlorofluoromethane	3.271	101	147106	54.831	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	133370	51.972	ug/L	98
12) 1,1-Dichloroethene	4.051	96	124813	50.350	ug/L	88
13) Acetone	4.118	43	72164	103.441	ug/L	99
14) Carbon disulfide	4.393	76	382304	49.750	ug/L	99
15) Methyl Acetate	4.673	43	50505	45.479	ug/L	99
16) Methylene chloride	4.917	84	123990	42.626	ug/L	98
17) trans-1,2-Dichloroethene	5.435	96	129645	49.514	ug/L	93
18) Methyl tert-butyl Ether	5.429	73	194205	49.160	ug/L #	78
19) 1,1-Dichloroethane	6.216	63	252375	49.788	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	141382	49.987	ug/L	96
22) 2-Butanone	7.167	43	77393	96.685	ug/L	97
23) Bromochloromethane	7.514	128	59579	47.656	ug/L	94
25) Chloroform	7.679	83	258997	49.631	ug/L	99
27) 1,2-Dichloroethane	8.398	62	175882	47.735	ug/L	99
29) Cyclohexane	7.959	56	236492	52.189	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	232017	50.961	ug/L	99
31) Carbon tetrachloride	8.069	117	219111	51.307	ug/L	98
33) Benzene	8.325	78	535296	50.085	ug/L	100
34) Trichloroethene	9.093	95	151359	50.761	ug/L	96
35) Methylcyclohexane	9.337	83	260021	51.589	ug/L	99
37) 1,2-Dichloropropane	9.367	63	134512	49.205	ug/L	100
38) Bromodichloromethane	9.642	83	183887	49.892	ug/L	100
39) cis-1,3-Dichloropropene	10.075	75	227250	51.907	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	146779	97.271	ug/L	100
42) Toluene	10.386	91	585963	50.235	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	191062	51.691	ug/L	98

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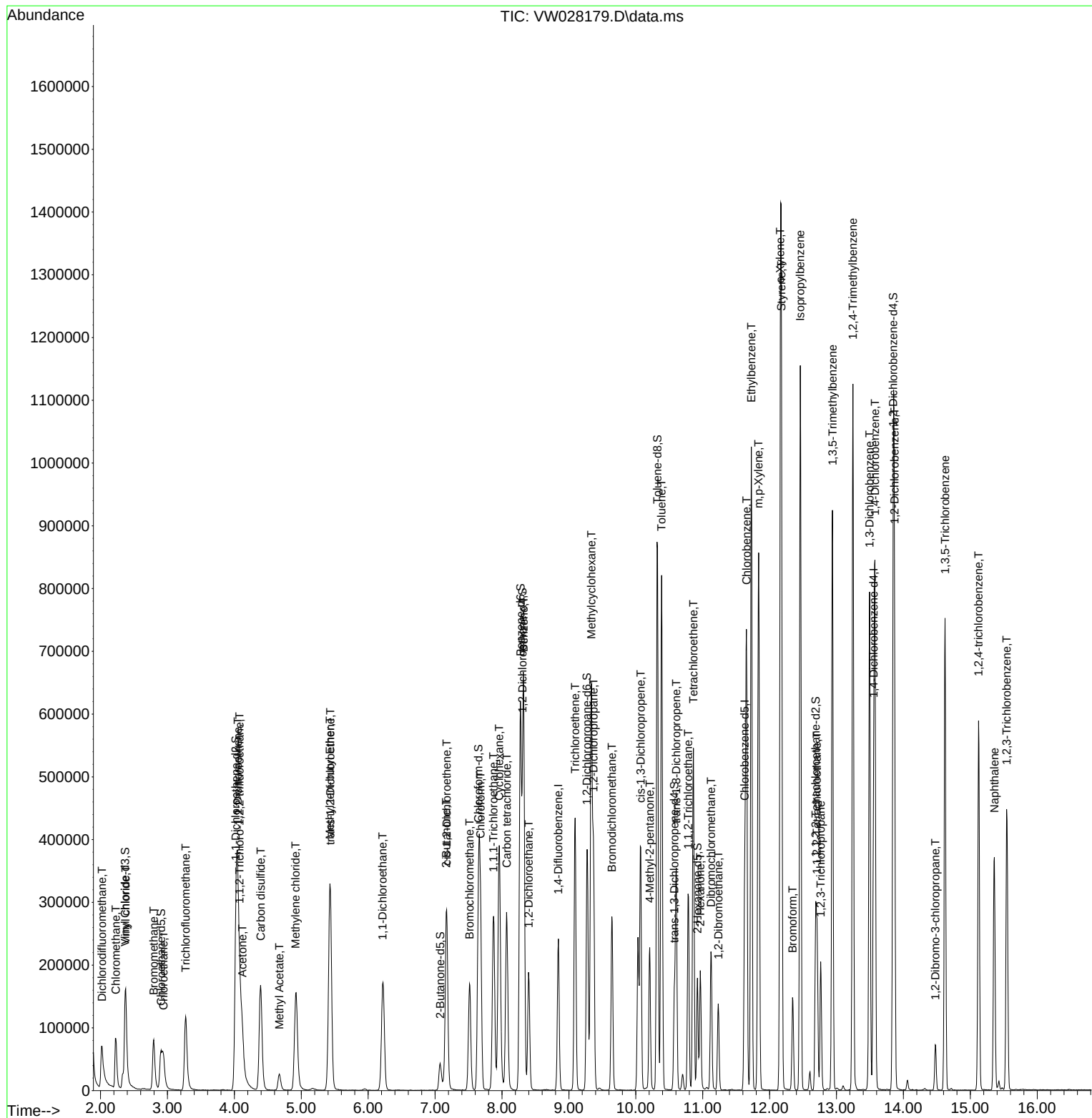
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.782	97	96306	48.759	ug/L	99
46) Tetrachloroethene	10.861	164	116946	48.655	ug/L	95
48) 2-Hexanone	10.965	43	116594	98.639	ug/L	97
49) Dibromochloromethane	11.123	129	116246	49.695	ug/L	98
50) 1,2-Dibromoethane	11.233	107	89863	47.582	ug/L #	97
51) Chlorobenzene	11.654	112	372574	50.322	ug/L	97
52) Ethylbenzene	11.727	91	703971	51.699	ug/L	98
53) m,p-Xylene	11.837	106	264422	51.603	ug/L	97
54) o-Xylene	12.160	106	247988	52.188	ug/L	93
55) Styrene	12.178	104	420344	51.500	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.708	83	109997	48.689	ug/L	95
59) Bromoform	12.343	173	67525	48.474	ug/L	98
60) Isopropylbenzene	12.458	105	713714	51.672	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	82575	46.542	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	492436	53.135	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	589533	52.681	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	311956	50.625	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	299815	48.657	ug/L	92
67) 1,2-Dichlorobenzene	13.867	146	265098	49.957	ug/L	91
68) 1,2-Dibromo-3-chloropr...	14.476	75	19553	46.915	ug/L	99
69) 1,3,5-Trichlorobenzene	14.623	180	219053	51.034	ug/L	99
70) 1,2,4-trichlorobenzene	15.123	180	180459	49.489	ug/L	98
71) Naphthalene	15.360	128	319636	51.071	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	144630	48.113	ug/L	98

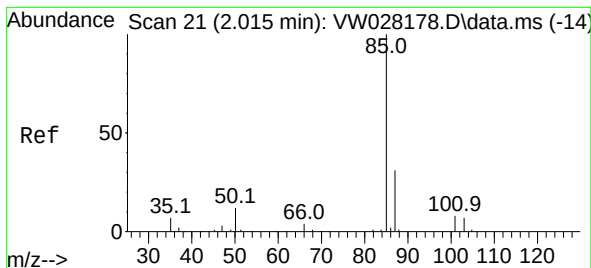
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 48.101 ug/L

RT: 2.021 min Scan# 21

Delta R.T. 0.006 min

Lab File: VW028179.D

Acq: 14 Mar 2024 14:33

Instrument :

MSVOA_W

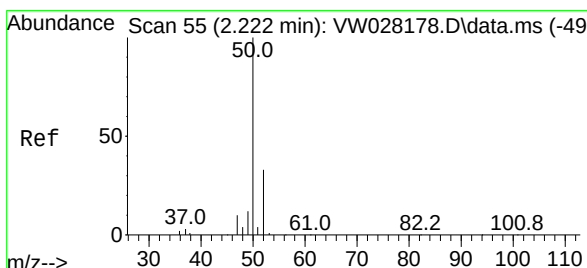
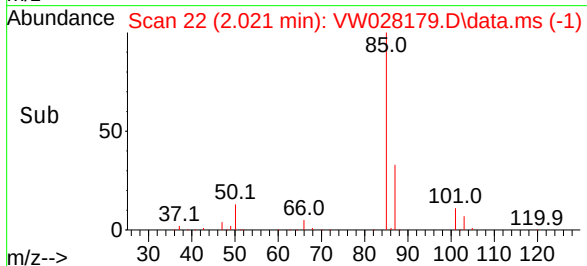
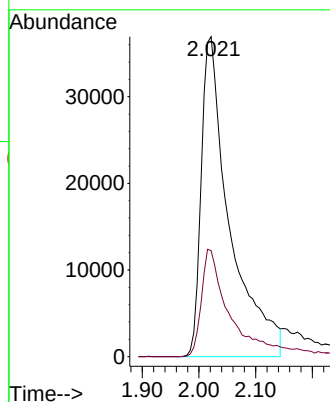
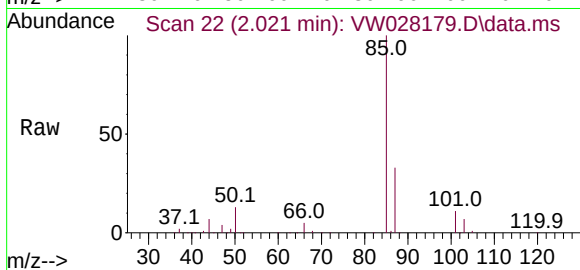
ClientSampleId :

Tgt Ion: 85 Resp: 128463

Ion Ratio Lower Upper

85 100

87 27.9 20.9 31.3



#3

Chloromethane

Concen: 50.678 ug/L

RT: 2.229 min Scan# 56

Delta R.T. 0.006 min

Lab File: VW028179.D

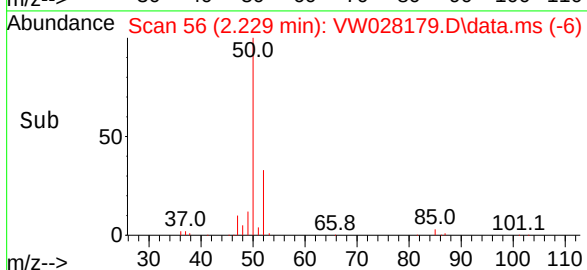
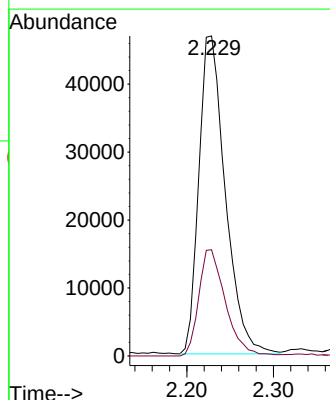
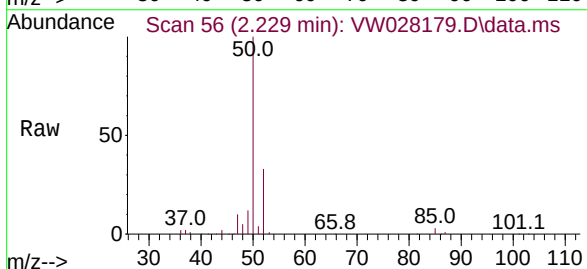
Acq: 14 Mar 2024 14:33

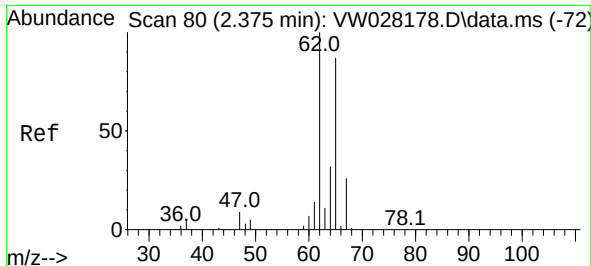
Tgt Ion: 50 Resp: 99484

Ion Ratio Lower Upper

50 100

52 33.2 22.7 42.1

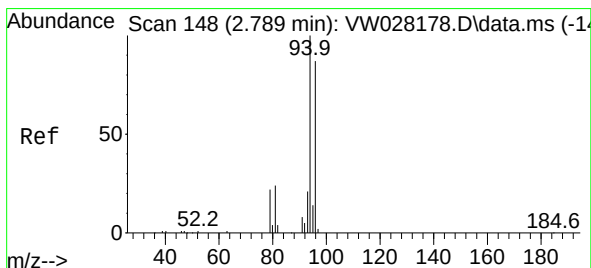
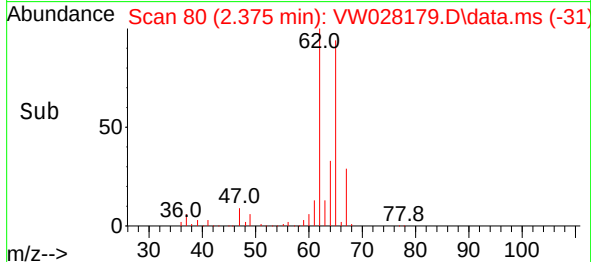
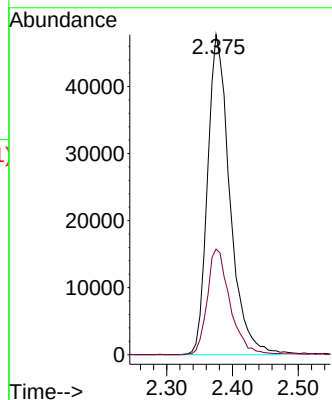
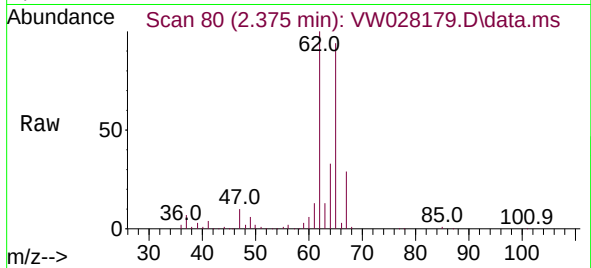




#5
 Vinyl chloride
 Concen: 50.608 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW028179.D
 Acq: 14 Mar 2024 14:33

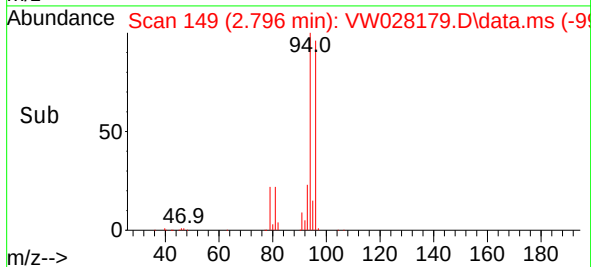
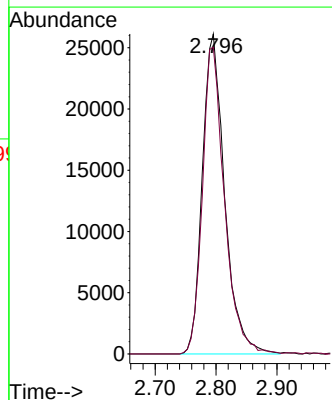
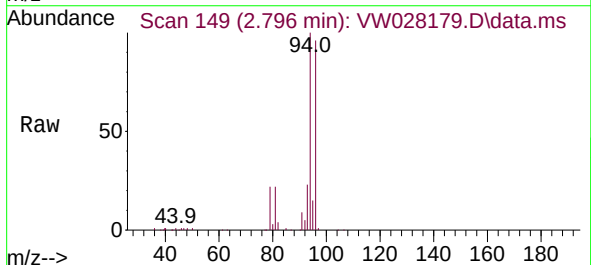
Instrument :
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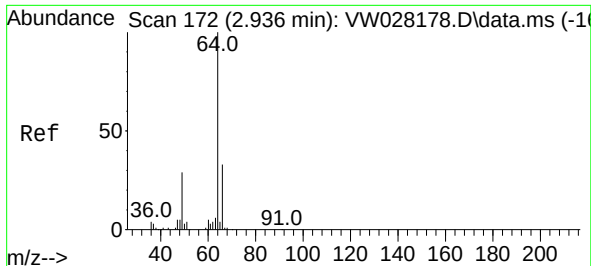
Tgt Ion: 62 Resp: 112300
 Ion Ratio Lower Upper
 62 100
 64 33.0 22.5 41.7



#6
 Bromomethane
 Concen: 50.229 ug/L
 RT: 2.796 min Scan# 149
 Delta R.T. 0.006 min
 Lab File: VW028179.D
 Acq: 14 Mar 2024 14:33

Tgt Ion: 94 Resp: 66379
 Ion Ratio Lower Upper
 94 100
 96 95.9 60.8 113.0

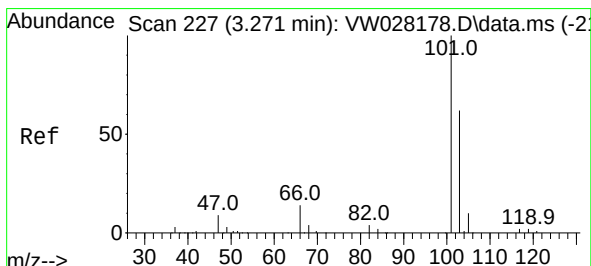
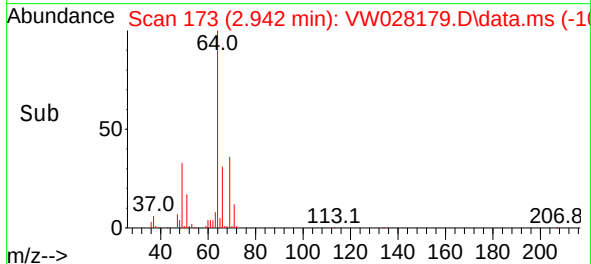
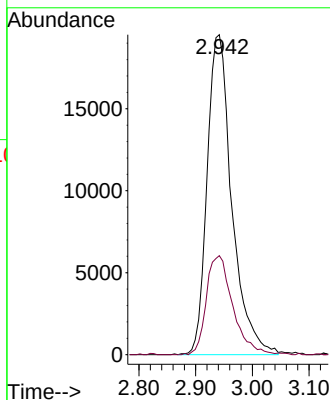
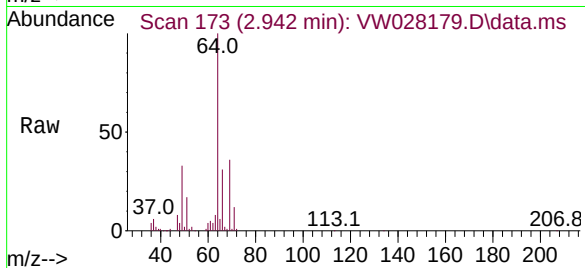




#8
Chloroethane
Concen: 49.612 ug/L
RT: 2.942 min Scan# 172
Delta R.T. 0.006 min
Lab File: VW028179.D
Acq: 14 Mar 2024 14:33

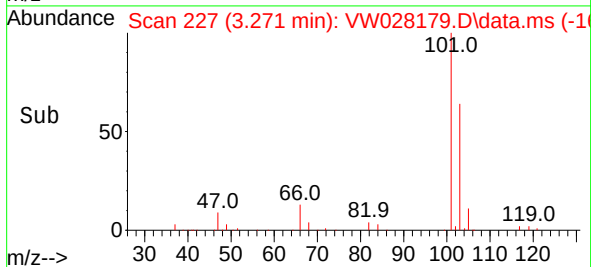
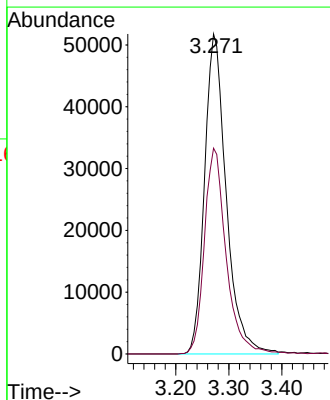
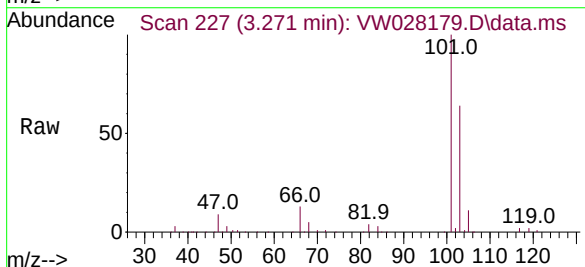
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MSVOA_W
ClientSampleId :

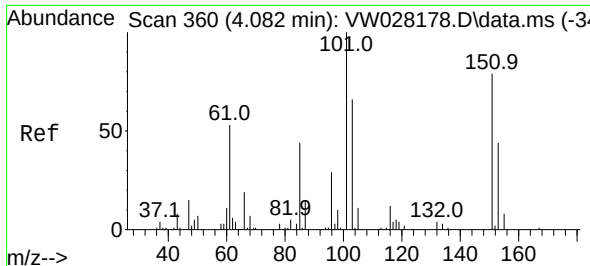
Tgt Ion: 64 Resp: 59172
Ion Ratio Lower Upper
64 100
66 31.0 22.9 42.5



#9
Trichlorofluoromethane
Concen: 54.831 ug/L
RT: 3.271 min Scan# 227
Delta R.T. 0.000 min
Lab File: VW028179.D
Acq: 14 Mar 2024 14:33

Tgt Ion:101 Resp: 147106
Ion Ratio Lower Upper
101 100
103 64.4 50.9 76.3





#10

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

Concen: 51.972 ug/L

RT: 4.076 min Scan# 3

Delta R.T. -0.006 min

Lab File: VW028179.D

Acq: 14 Mar 2024 14:33

Instrument :

MSVOA_W

ClientSampleId :

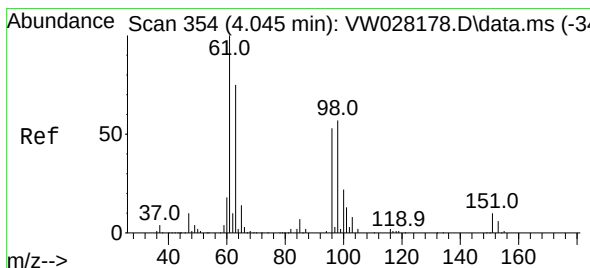
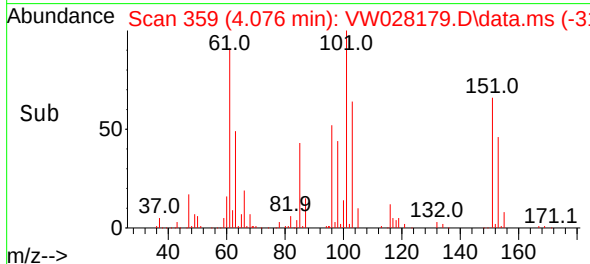
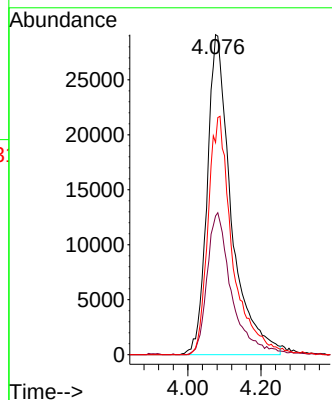
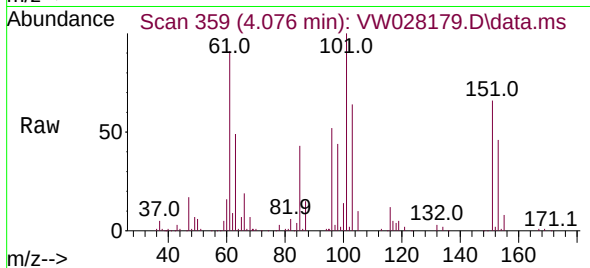
Tgt Ion:101 Resp: 133370

Ion Ratio Lower Upper

101 100

85 44.0 36.4 54.6

151 74.1 58.4 87.6



#12

1,1-Dichloroethene

Concen: 50.350 ug/L

RT: 4.051 min Scan# 355

Delta R.T. 0.006 min

Lab File: VW028179.D

Acq: 14 Mar 2024 14:33

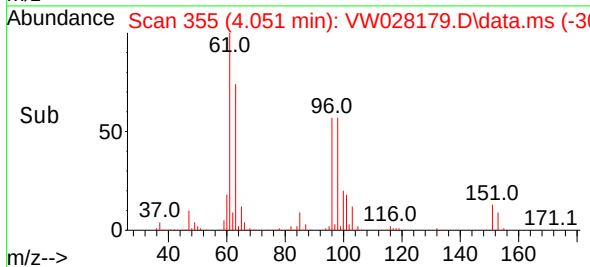
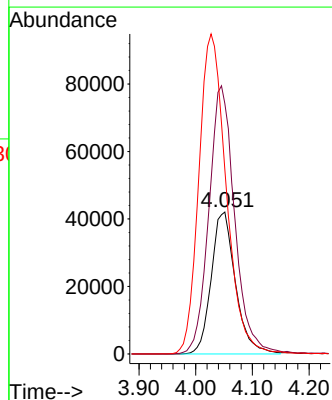
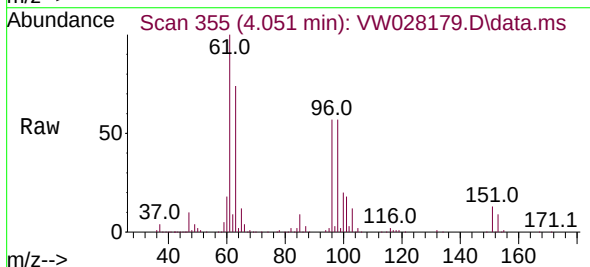
Tgt Ion: 96 Resp: 124813

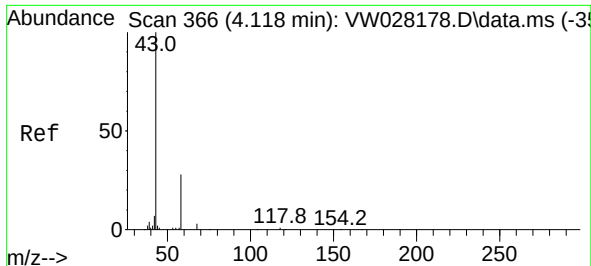
Ion Ratio Lower Upper

96 100

61 176.4 132.2 245.4

63 129.9 104.6 194.2

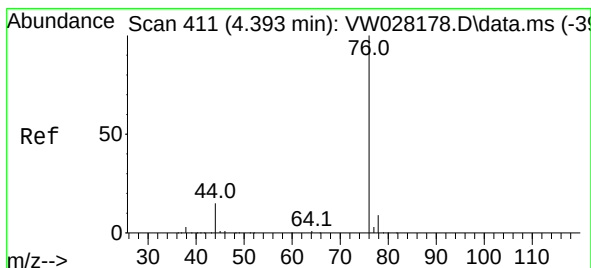
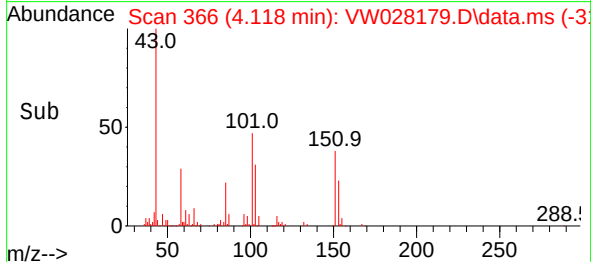
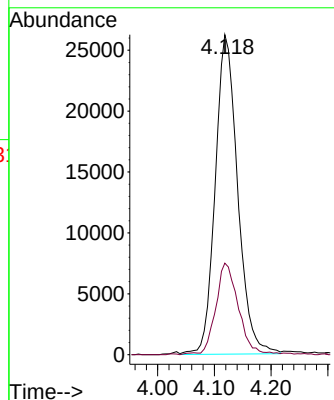
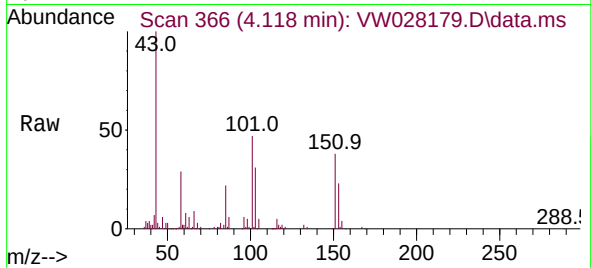




#13
Acetone
Concen: 103.441 ug/L
RT: 4.118 min Scan# 366
Delta R.T. 0.000 min
Lab File: VW028179.D
Acq: 14 Mar 2024 14:33

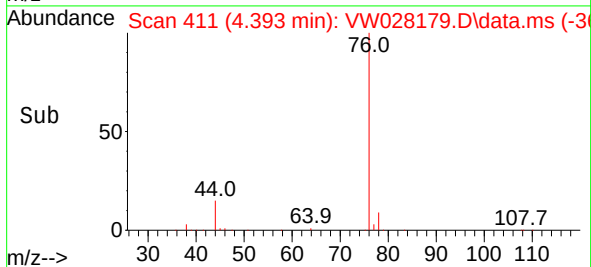
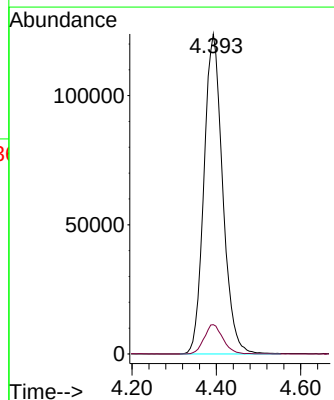
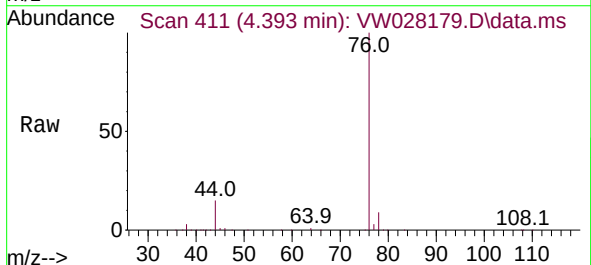
Instrument :
MSVOA_W
ClientSampleId :

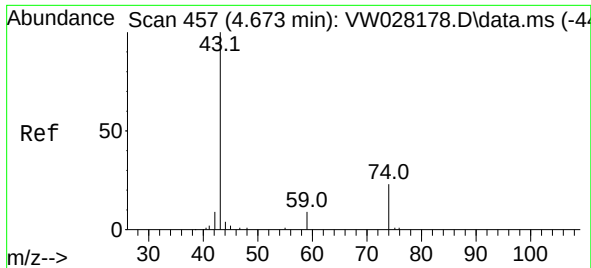
Tgt Ion: 43 Resp: 72164
Ion Ratio Lower Upper
43 100
58 28.3 0.0 57.8



#14
Carbon disulfide
Concen: 49.750 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.000 min
Lab File: VW028179.D
Acq: 14 Mar 2024 14:33

Tgt Ion: 76 Resp: 382304
Ion Ratio Lower Upper
76 100
78 9.2 7.1 10.7

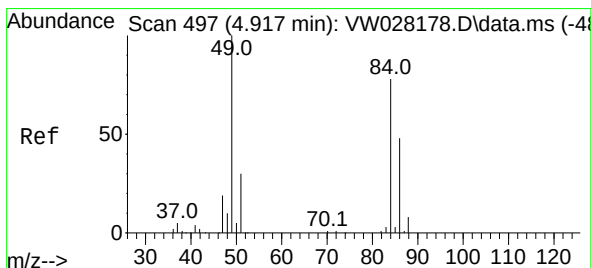
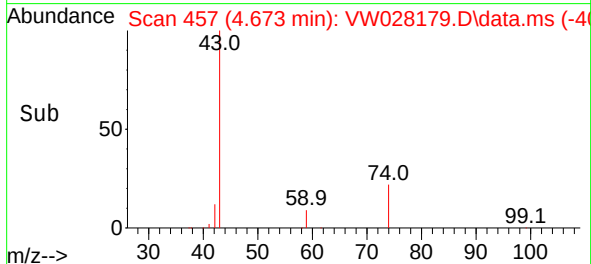
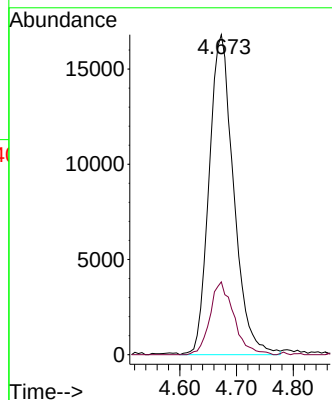
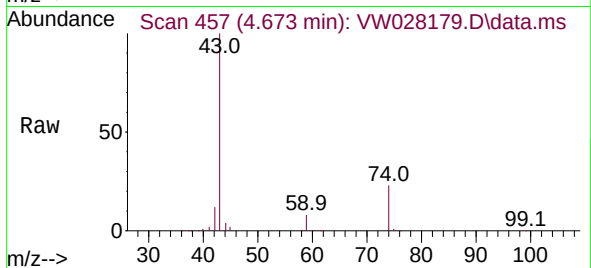




#15
Methyl Acetate
Concen: 45.479 ug/L
RT: 4.673 min Scan# 457
Delta R.T. 0.000 min
Lab File: VW028179.D
Acq: 14 Mar 2024 14:33

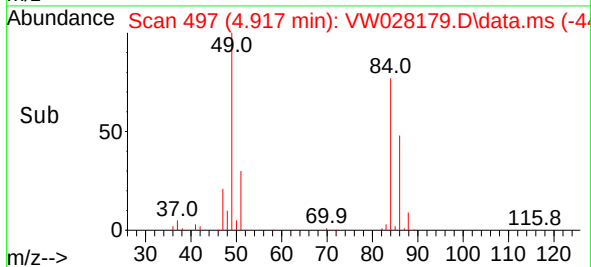
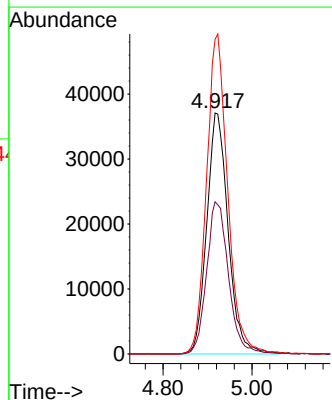
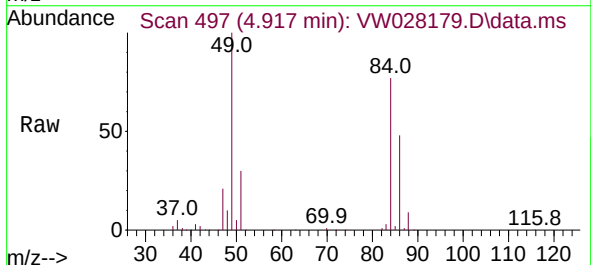
Instrument :
MSVOA_W
ClientSampleId :

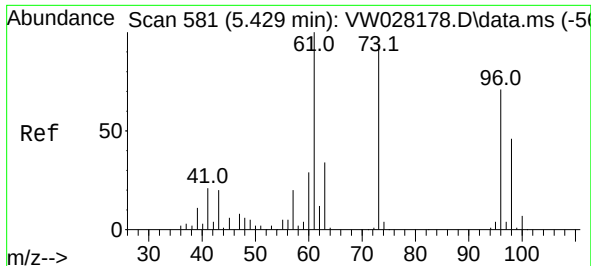
Tgt Ion: 43 Resp: 50505
Ion Ratio Lower Upper
43 100
74 22.1 18.2 27.2



#16
Methylene chloride
Concen: 42.626 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.000 min
Lab File: VW028179.D
Acq: 14 Mar 2024 14:33

Tgt Ion: 84 Resp: 123990
Ion Ratio Lower Upper
84 100
86 63.1 43.1 80.1
49 130.5 89.4 166.0





#17

trans-1,2-Dichloroethene

Concen: 49.514 ug/L

RT: 5.435 min Scan# 582

Delta R.T. 0.006 min

Lab File: VW028179.D

Acq: 14 Mar 2024 14:33

Instrument :

MSVOA_W

ClientSampleId :

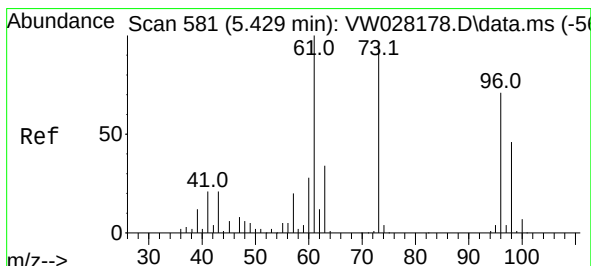
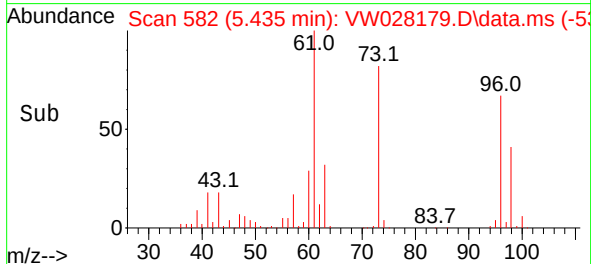
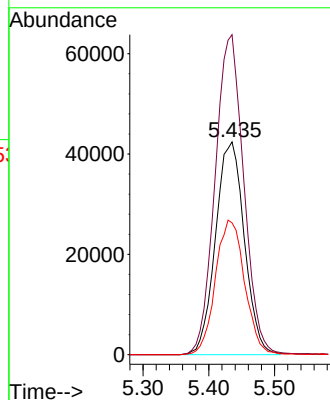
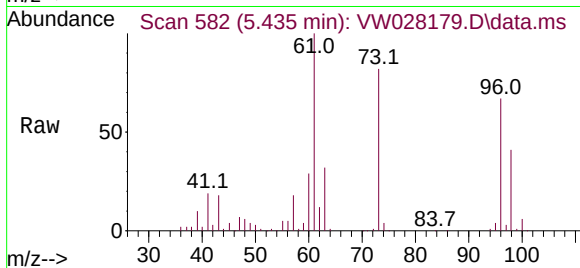
Tgt Ion: 96 Resp: 129645

Ion Ratio Lower Upper

96 100

61 150.3 98.4 182.8

98 62.0 45.6 84.8



#18

Methyl tert-butyl Ether

Concen: 49.160 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.000 min

Lab File: VW028179.D

Acq: 14 Mar 2024 14:33

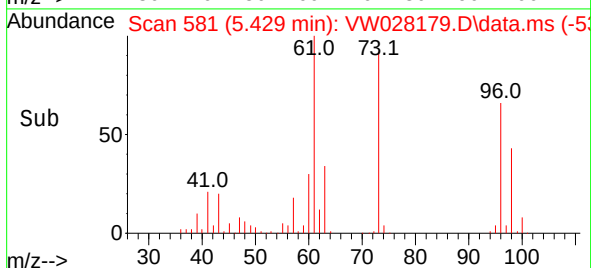
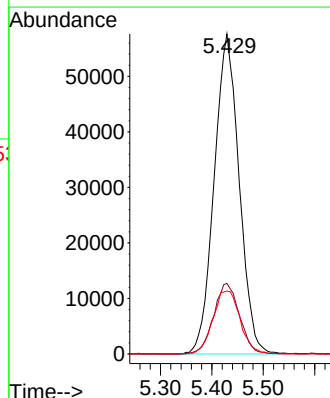
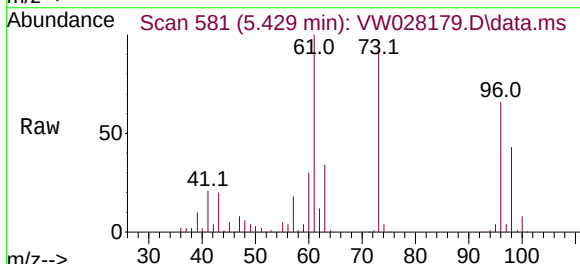
Tgt Ion: 73 Resp: 194205

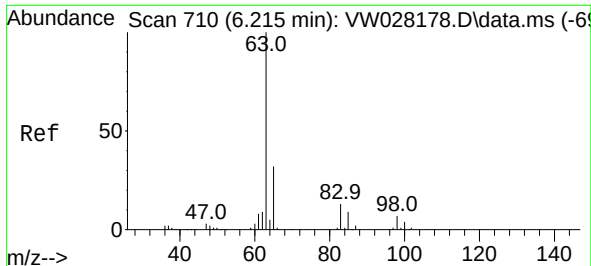
Ion Ratio Lower Upper

73 100

43 22.8 18.2 27.4

57 0.0 17.4 26.2#





#19

1,1-Dichloroethane

Concen: 49.788 ug/L

RT: 6.216 min Scan# 710

Delta R.T. 0.000 min

Lab File: VW028179.D

Acq: 14 Mar 2024 14:33

Instrument :

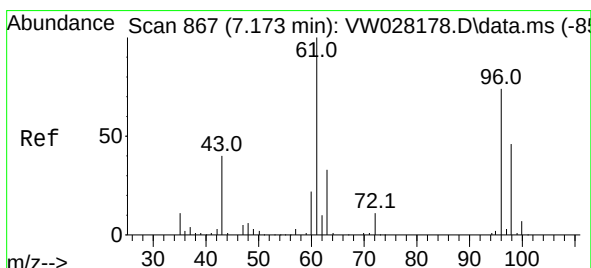
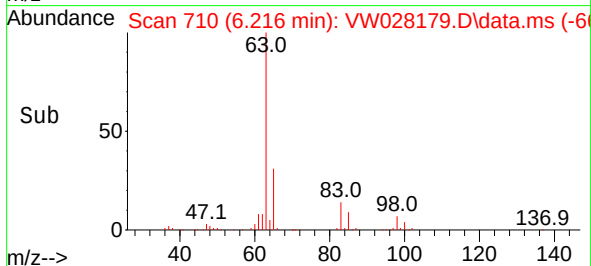
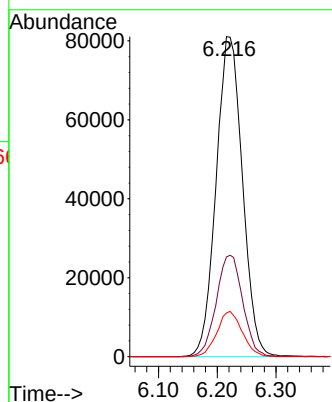
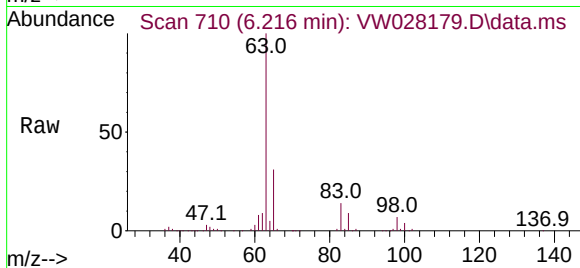
MSVOA_W

ClientSampleId :

Tgt Ion: 63 Resp: 252375

Ion Ratio Lower Upper

63	100		
65	31.2	22.1	41.1
83	13.6	9.0	16.6



#20

cis-1,2-Dichloroethene

Concen: 49.987 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.000 min

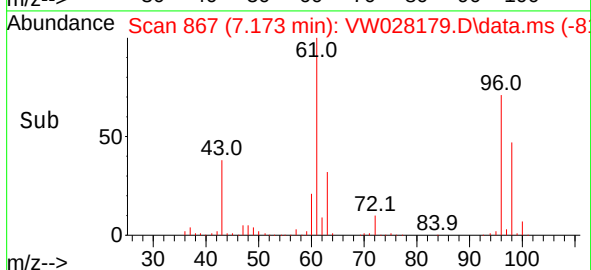
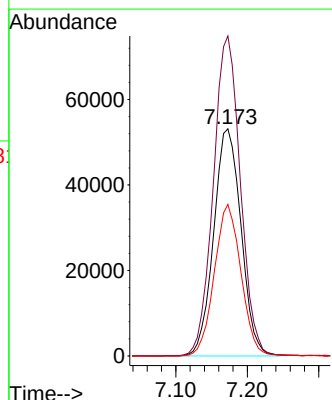
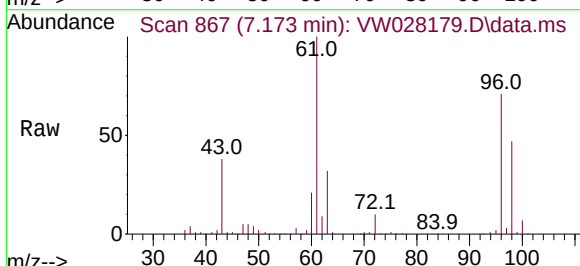
Lab File: VW028179.D

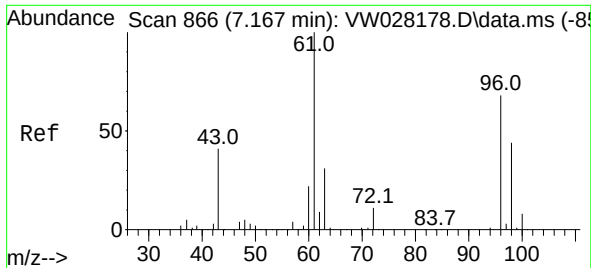
Acq: 14 Mar 2024 14:33

Tgt Ion: 96 Resp: 141382

Ion Ratio Lower Upper

96	100		
61	140.8	95.7	177.7
98	66.7	43.9	81.5





#22

2-Butanone

Concen: 96.685 ug/L

RT: 7.167 min Scan# 866

Delta R.T. 0.000 min

Lab File: VW028179.D

Acq: 14 Mar 2024 14:33

Instrument :

MSVOA_W

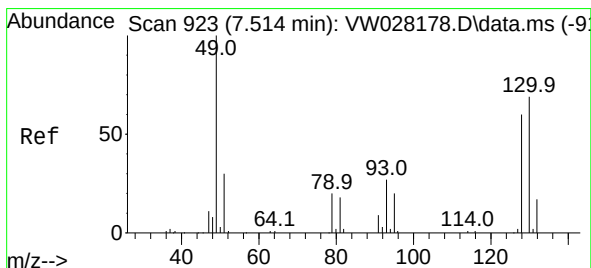
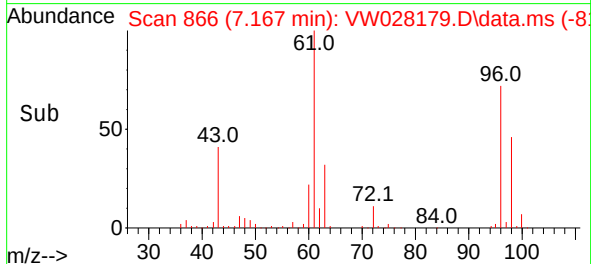
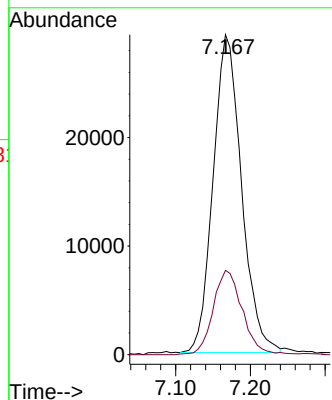
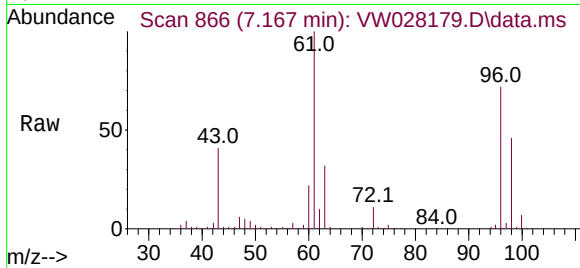
ClientSampleId :

Tgt Ion: 43 Resp: 77393

Ion Ratio Lower Upper

43 100

72 26.9 12.8 38.4



#23

Bromochloromethane

Concen: 47.656 ug/L

RT: 7.514 min Scan# 923

Delta R.T. 0.000 min

Lab File: VW028179.D

Acq: 14 Mar 2024 14:33

Tgt Ion: 128 Resp: 59579

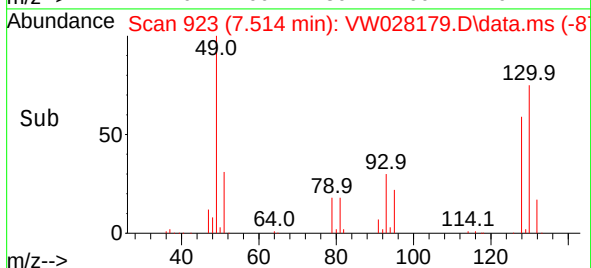
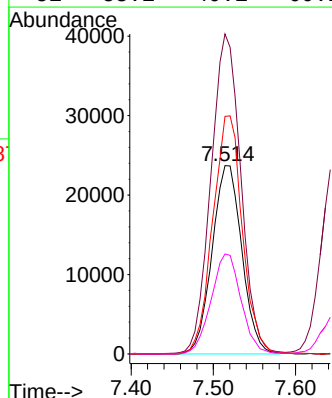
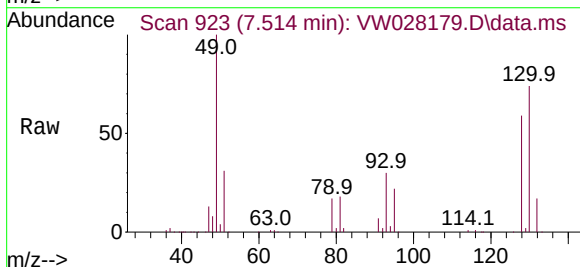
Ion Ratio Lower Upper

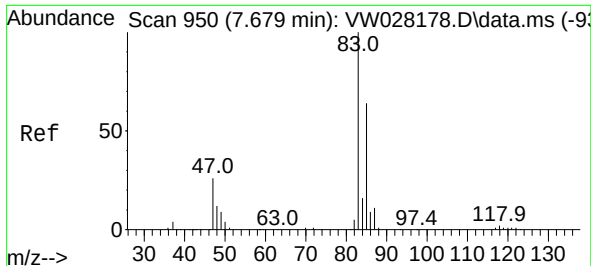
128 100

49 169.9 116.6 216.6

130 126.1 80.1 148.7

51 53.1 40.1 60.1





#25

Chloroform

Concen: 49.631 ug/L

RT: 7.679 min Scan# 950

Delta R.T. 0.000 min

Lab File: VW028179.D

Acq: 14 Mar 2024 14:33

Instrument :

MSVOA_W

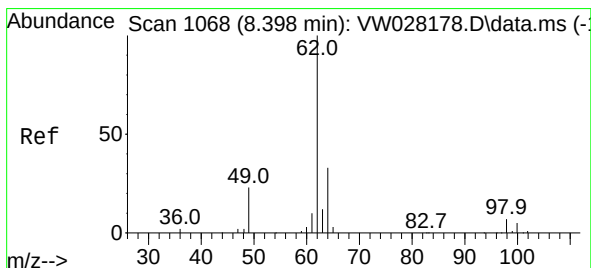
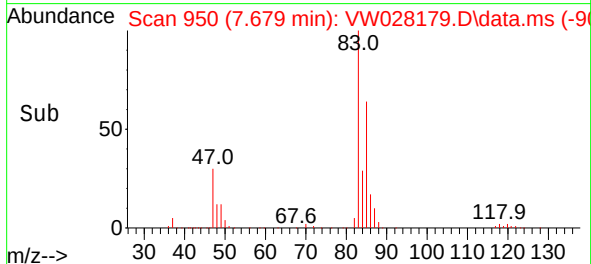
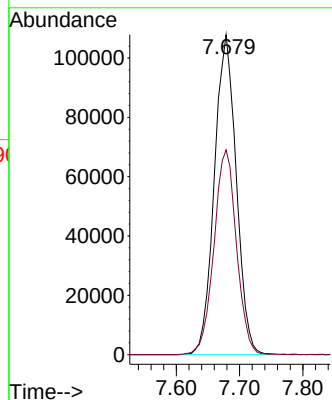
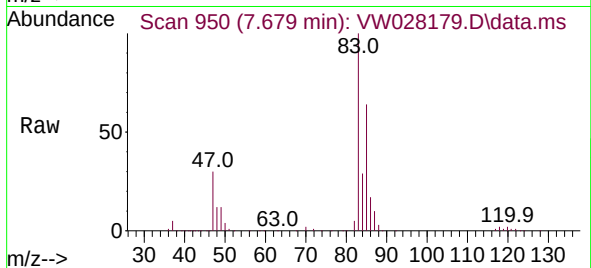
ClientSampleId :

Tgt Ion: 83 Resp: 258997

Ion Ratio Lower Upper

83 100

85 64.0 44.5 82.7



#27

1,2-Dichloroethane

Concen: 47.735 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VW028179.D

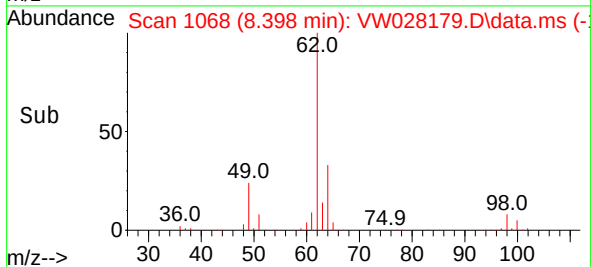
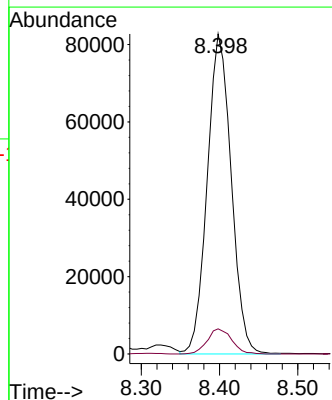
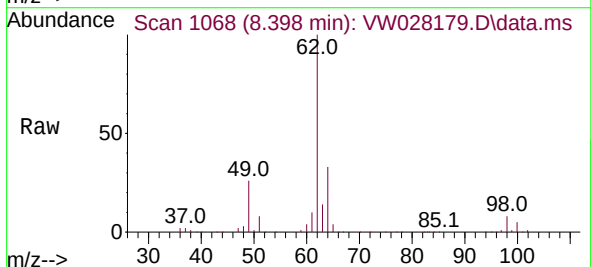
Acq: 14 Mar 2024 14:33

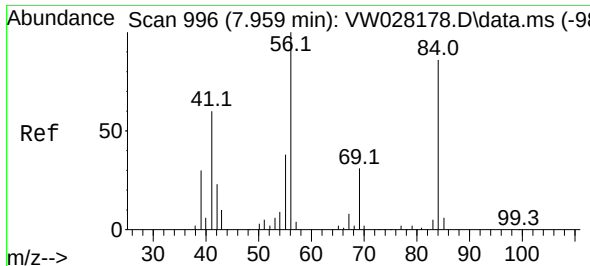
Tgt Ion: 62 Resp: 175882

Ion Ratio Lower Upper

62 100

98 7.9 5.9 8.9





#29

Cyclohexane

Concen: 52.189 ug/L

RT: 7.959 min Scan# 996

Delta R.T. 0.000 min

Lab File: VW028179.D

Acq: 14 Mar 2024 14:33

Instrument :

MSVOA_W

ClientSampleId :

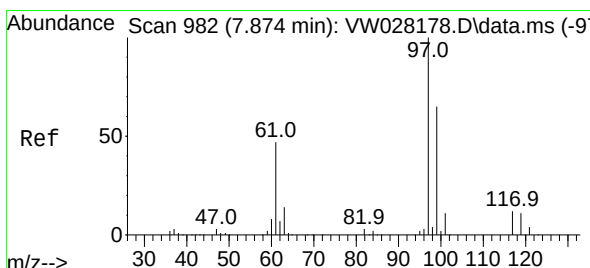
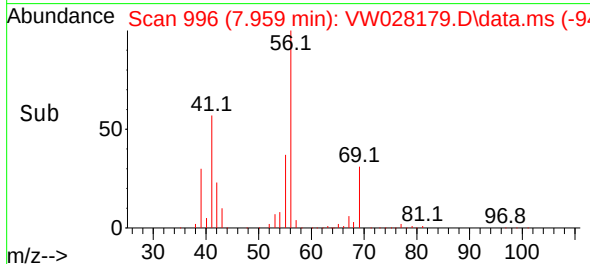
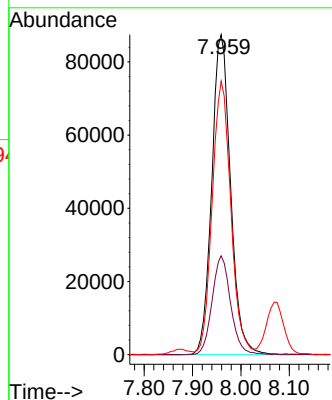
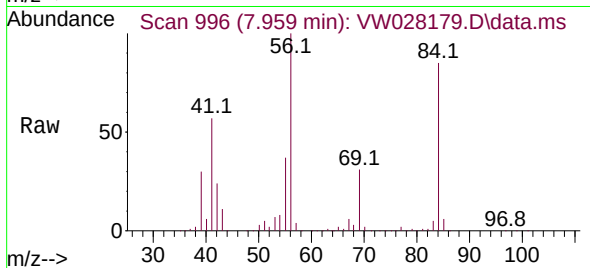
Tgt Ion: 56 Resp: 236492

Ion Ratio Lower Upper

56 100

69 30.4 24.0 36.0

84 84.7 68.4 102.6



#30

1,1,1-Trichloroethane

Concen: 50.961 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.000 min

Lab File: VW028179.D

Acq: 14 Mar 2024 14:33

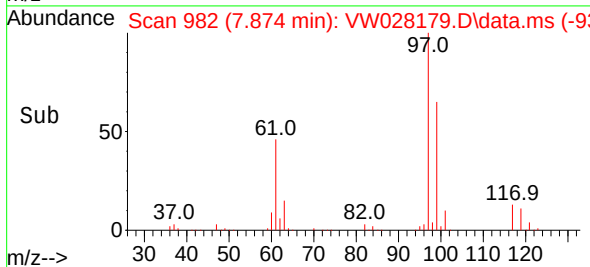
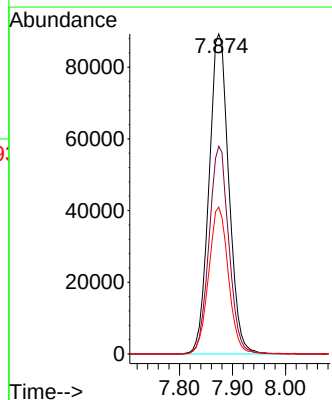
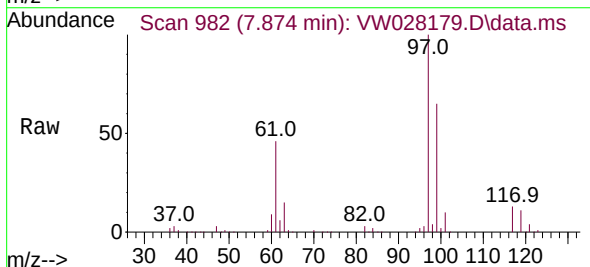
Tgt Ion: 97 Resp: 232017

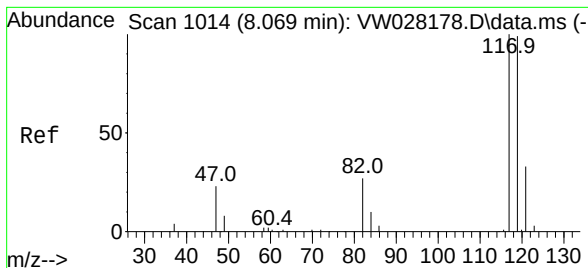
Ion Ratio Lower Upper

97 100

99 64.6 51.3 76.9

61 45.9 37.0 55.6





#31

Carbon tetrachloride

Concen: 51.307 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. 0.000 min

Lab File: VW028179.D

Acq: 14 Mar 2024 14:33

Instrument :

MSVOA_W

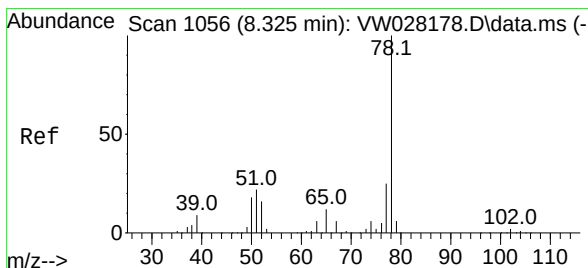
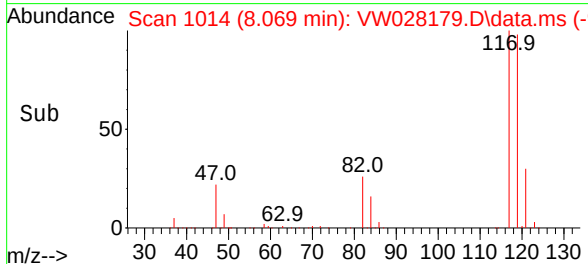
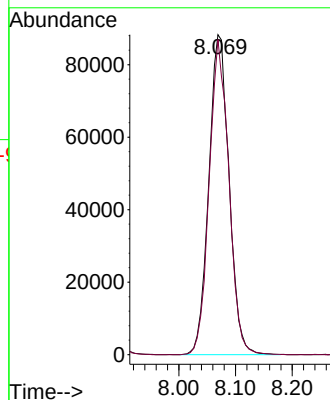
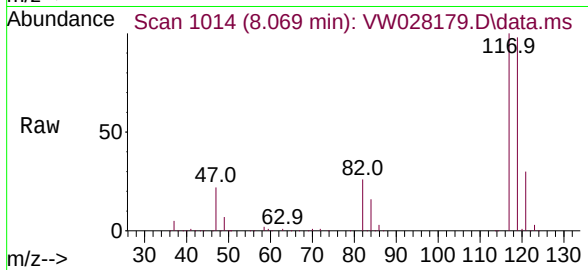
ClientSampleId :

Tgt Ion:117 Resp: 219111

Ion Ratio Lower Upper

117 100

119 95.5 78.2 117.4



#33

Benzene

Concen: 50.085 ug/L

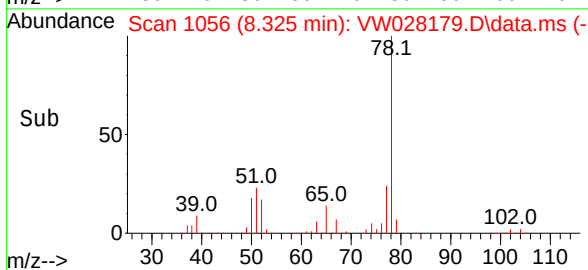
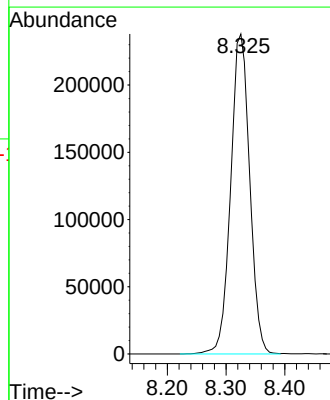
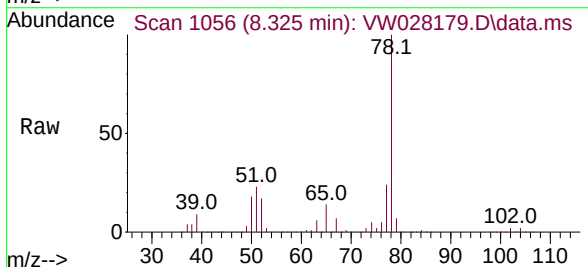
RT: 8.325 min Scan# 1056

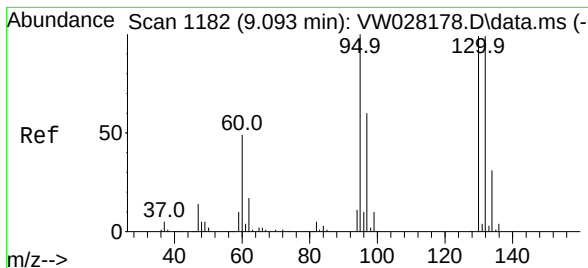
Delta R.T. 0.000 min

Lab File: VW028179.D

Acq: 14 Mar 2024 14:33

Tgt Ion: 78 Resp: 535296





#34

Trichloroethene

Concen: 50.761 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

Lab File: VW028179.D

Acq: 14 Mar 2024 14:33

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 151359

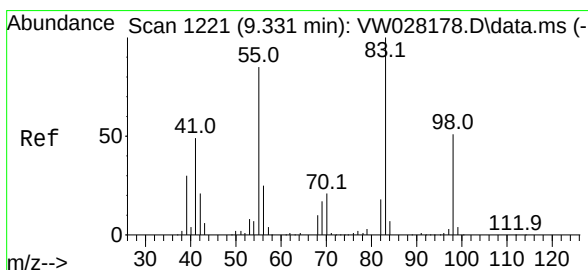
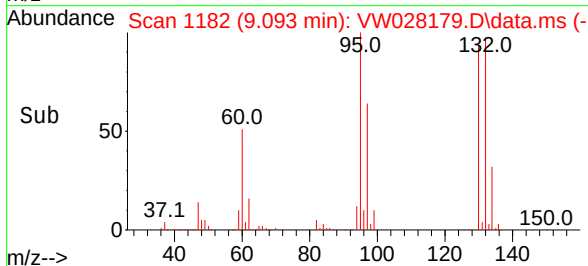
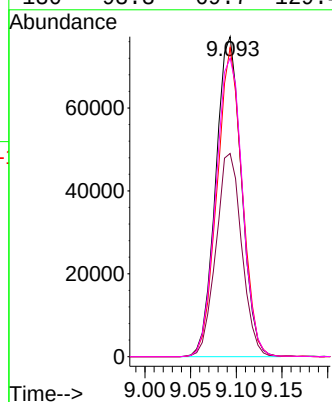
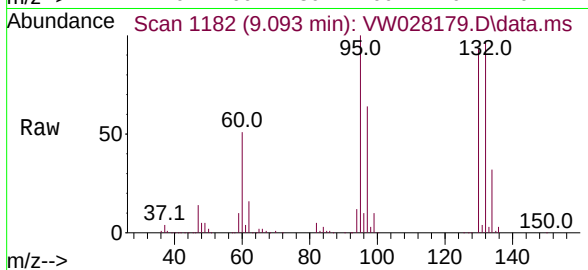
Ion Ratio Lower Upper

95 100

97 63.5 42.4 78.6

132 96.7 69.4 128.8

130 93.3 69.7 129.4



#35

Methylcyclohexane

Concen: 51.589 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.006 min

Lab File: VW028179.D

Acq: 14 Mar 2024 14:33

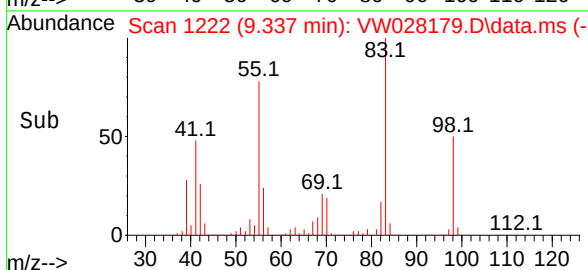
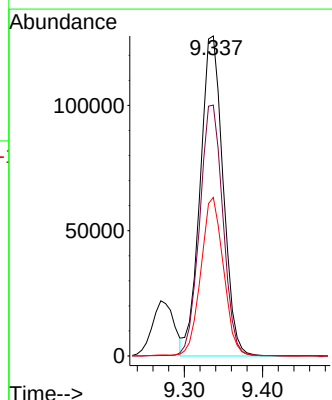
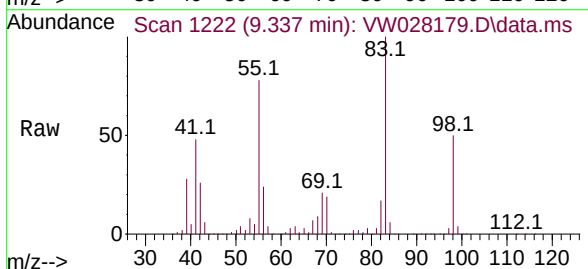
Tgt Ion: 83 Resp: 260021

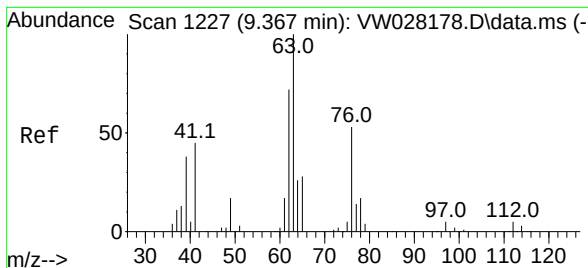
Ion Ratio Lower Upper

83 100

55 79.6 64.2 96.4

98 48.9 38.3 57.5





#37

1,2-Dichloropropane

Concen: 49.205 ug/L

RT: 9.367 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VW028179.D

Acq: 14 Mar 2024 14:33

Instrument :

MSVOA_W

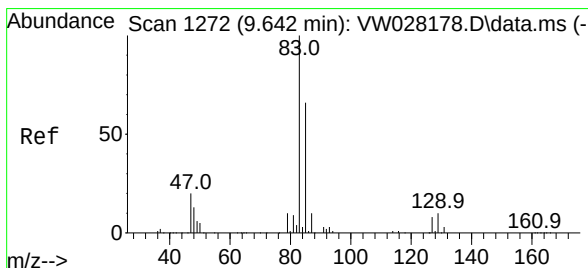
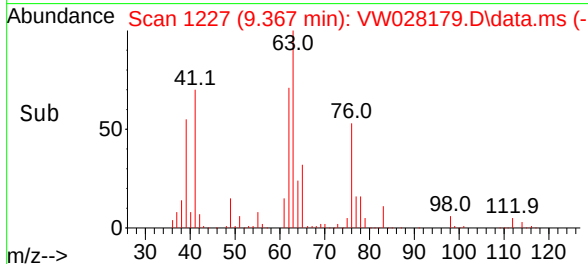
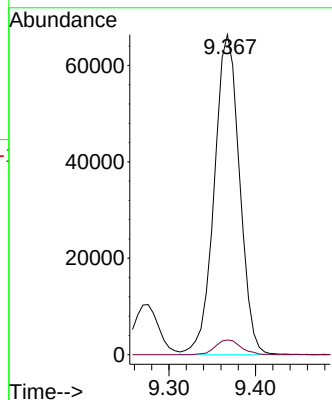
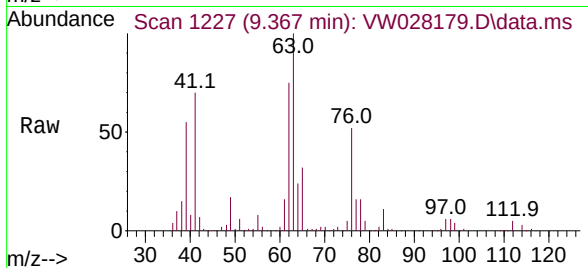
ClientSampleId :

Tgt Ion: 63 Resp: 134512

Ion Ratio Lower Upper

63 100

112 4.6 3.8 5.8



#38

Bromodichloromethane

Concen: 49.892 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW028179.D

Acq: 14 Mar 2024 14:33

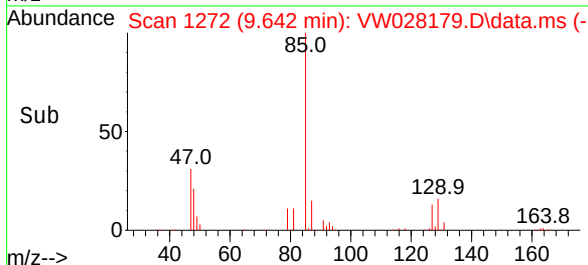
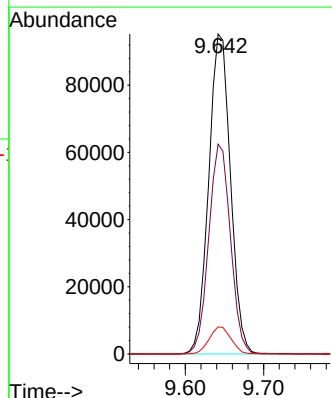
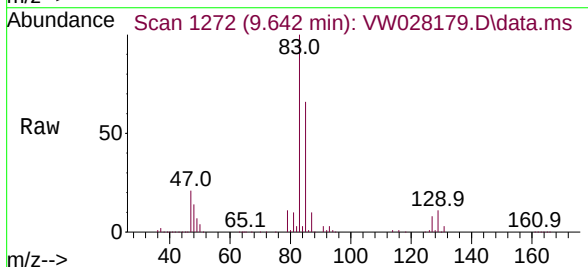
Tgt Ion: 83 Resp: 183887

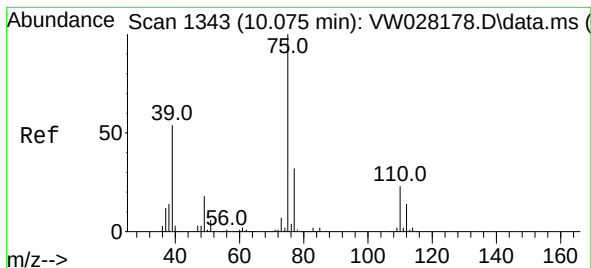
Ion Ratio Lower Upper

83 100

85 65.5 45.8 85.2

127 8.4 6.5 9.7

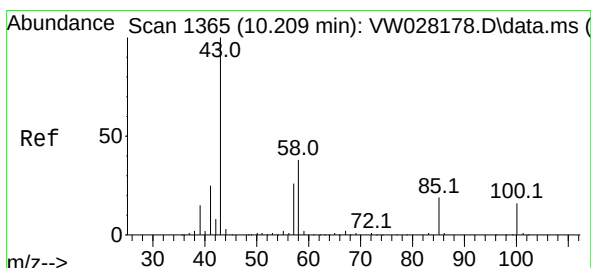
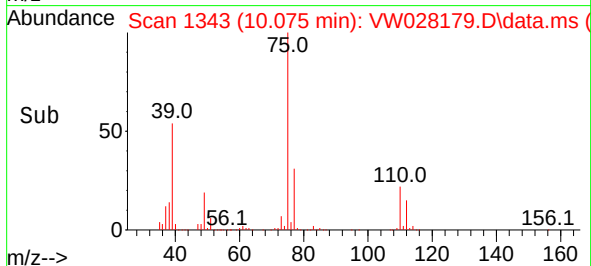
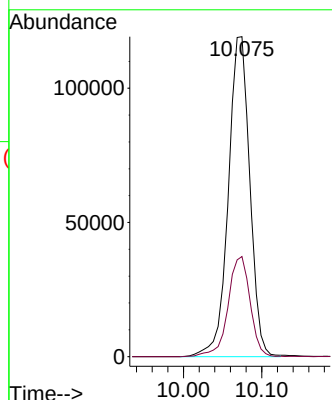
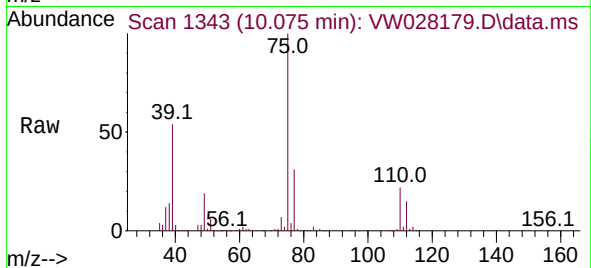




#39
 cis-1,3-Dichloropropene
 Concen: 51.907 ug/L
 RT: 10.075 min Scan# 1343
 Delta R.T. 0.000 min
 Lab File: VW028179.D
 Acq: 14 Mar 2024 14:33

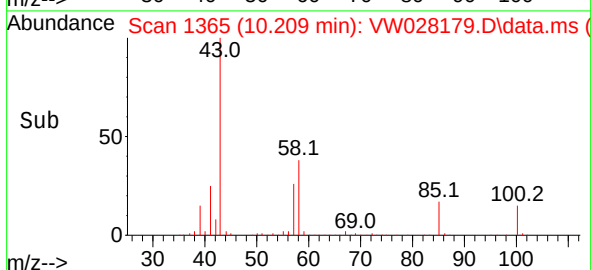
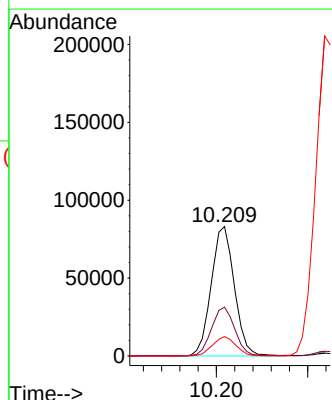
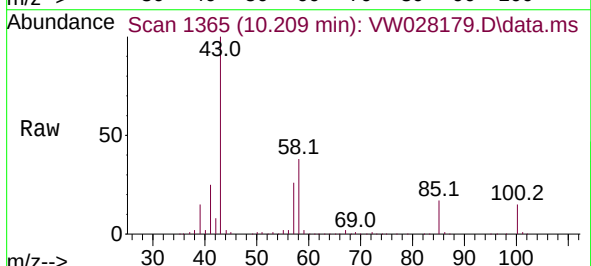
Instrument :
 MSVOA_W
 ClientSampleId :

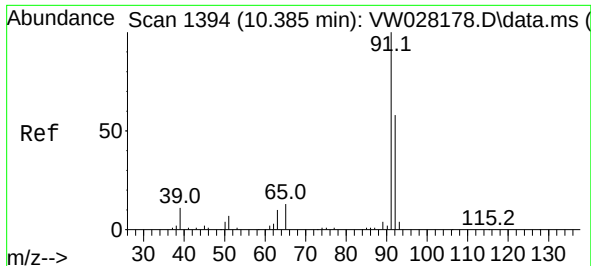
Tgt Ion: 75 Resp: 227250
 Ion Ratio Lower Upper
 75 100
 77 31.3 22.5 41.7



#40
 4-Methyl-2-pentanone
 Concen: 97.271 ug/L
 RT: 10.209 min Scan# 1365
 Delta R.T. 0.000 min
 Lab File: VW028179.D
 Acq: 14 Mar 2024 14:33

Tgt Ion: 43 Resp: 146779
 Ion Ratio Lower Upper
 43 100
 58 37.8 30.1 45.1
 100 15.1 11.8 17.8

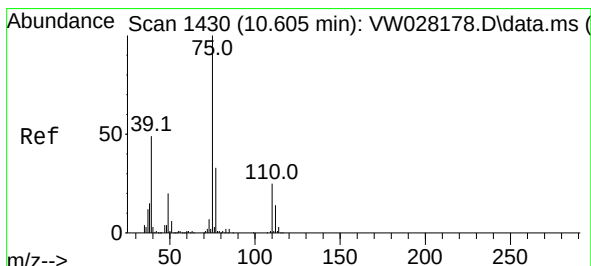
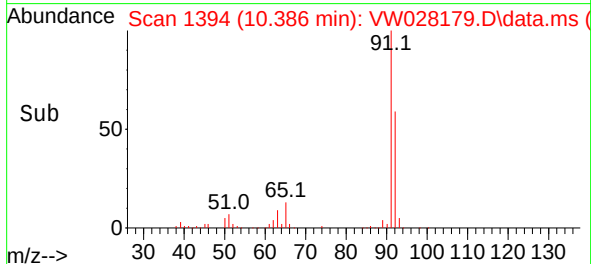
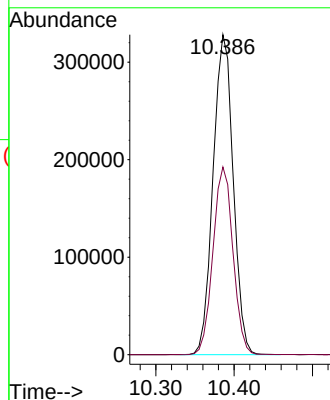
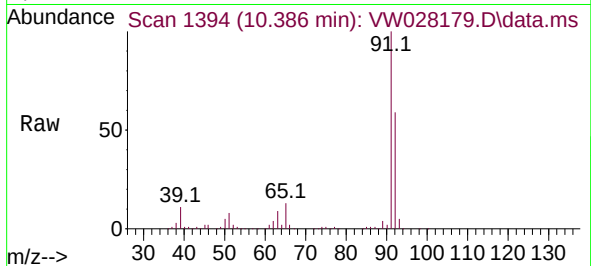




#42
Toluene
Concen: 50.235 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VW028179.D
Acq: 14 Mar 2024 14:33

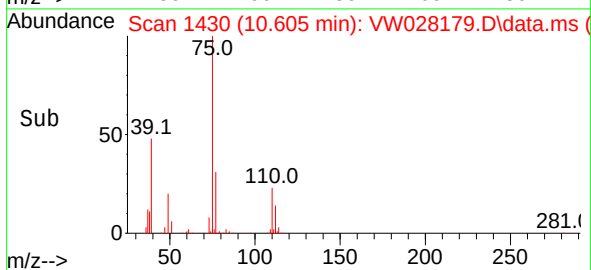
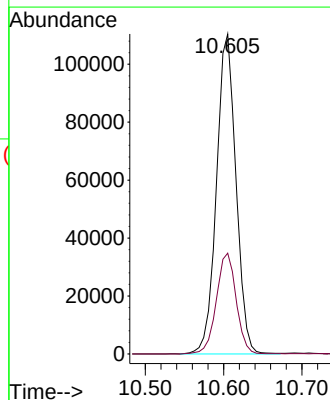
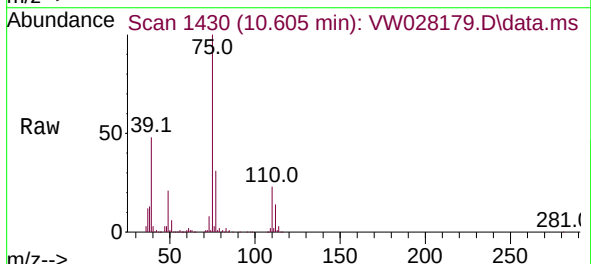
Instrument :
MSVOA_W
ClientSampleId :

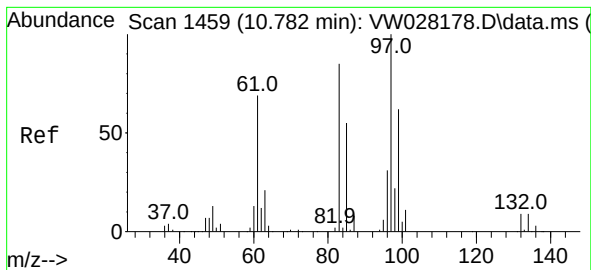
Tgt Ion: 91 Resp: 585963
Ion Ratio Lower Upper
91 100
92 58.6 40.8 75.8



#44
trans-1,3-Dichloropropene
Concen: 51.691 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW028179.D
Acq: 14 Mar 2024 14:33

Tgt Ion: 75 Resp: 191062
Ion Ratio Lower Upper
75 100
77 31.5 23.0 42.6





#45

1,1,2-Trichloroethane

Concen: 48.759 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. 0.000 min

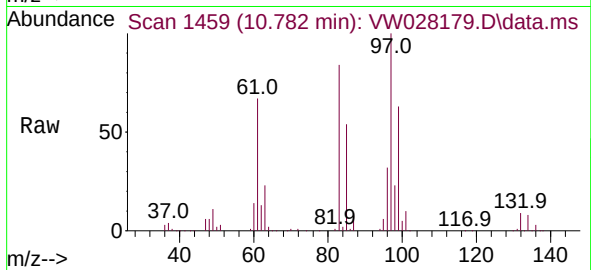
Lab File: VW028179.D

Acq: 14 Mar 2024 14:33

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 97 Resp: 96306

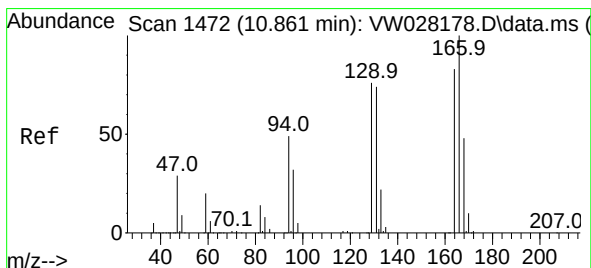
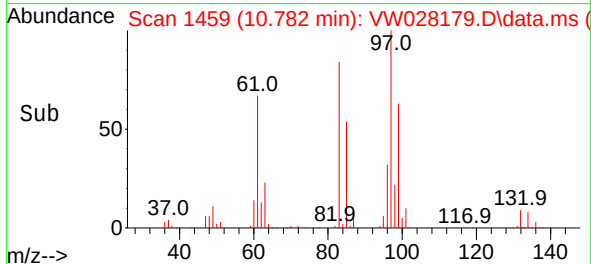
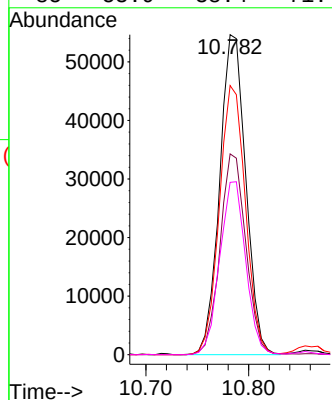
Ion Ratio Lower Upper

97 100

99 62.8 43.4 80.6

83 84.1 59.4 110.4

85 53.9 38.4 71.4



#46

Tetrachloroethene

Concen: 48.655 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW028179.D

Acq: 14 Mar 2024 14:33

Tgt Ion:164 Resp: 116946

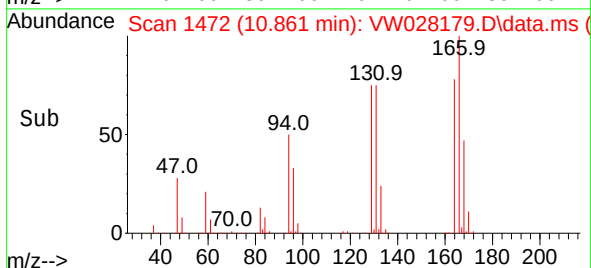
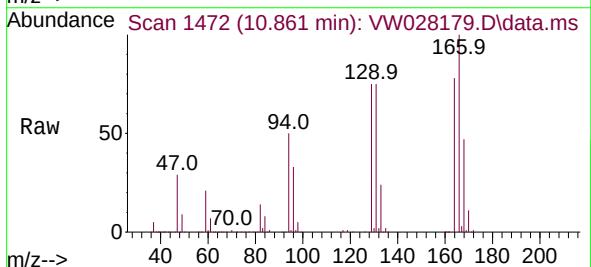
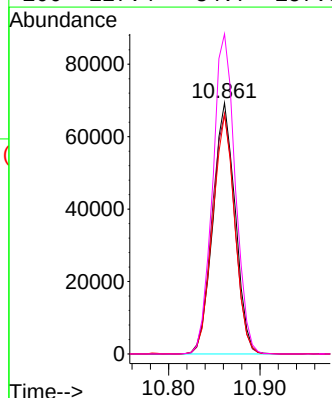
Ion Ratio Lower Upper

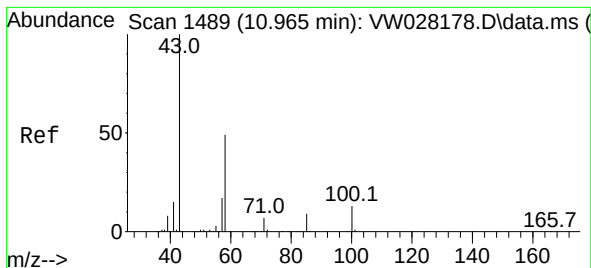
164 100

129 95.6 64.0 119.0

131 95.4 62.6 116.3

166 127.4 84.7 157.3





#48

2-Hexanone

Concen: 98.639 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. 0.000 min

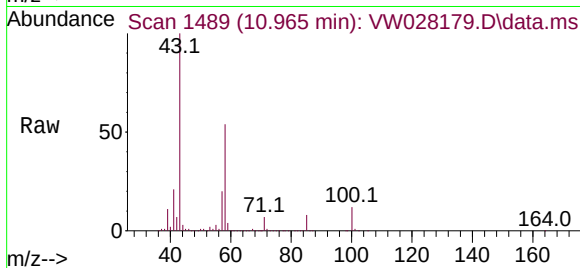
Lab File: VW028179.D

Acq: 14 Mar 2024 14:33

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 43 Resp: 116594

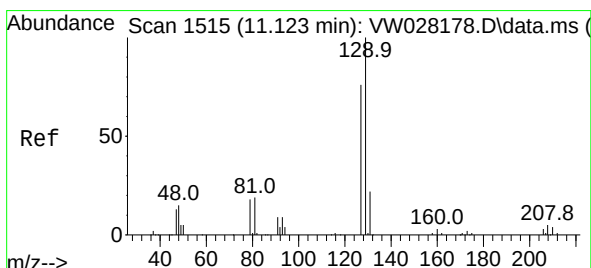
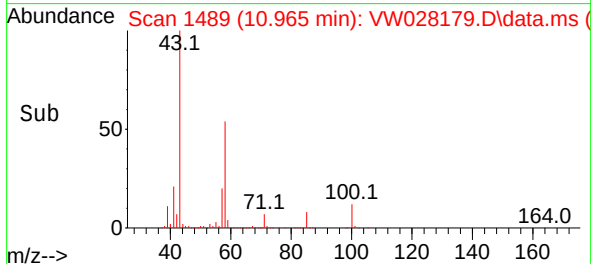
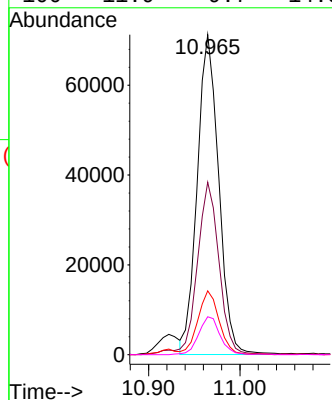
Ion Ratio Lower Upper

43 100

58 53.5 40.6 61.0

57 19.7 15.7 23.5

100 11.9 9.7 14.5



#49

Dibromochloromethane

Concen: 49.695 ug/L

RT: 11.123 min Scan# 1515

Delta R.T. 0.000 min

Lab File: VW028179.D

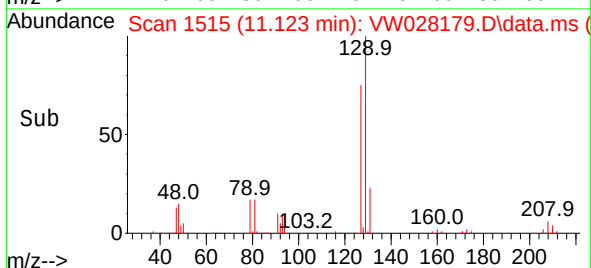
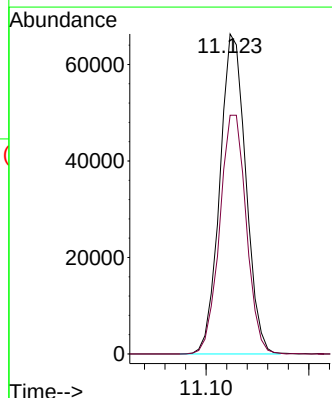
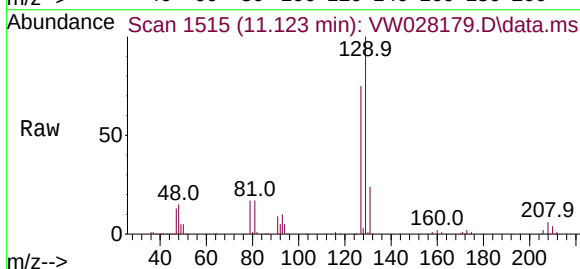
Acq: 14 Mar 2024 14:33

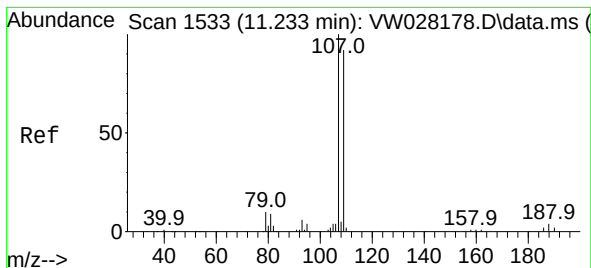
Tgt Ion:129 Resp: 116246

Ion Ratio Lower Upper

129 100

127 74.6 53.1 98.7





#50

1,2-Dibromoethane

Concen: 47.582 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VW028179.D

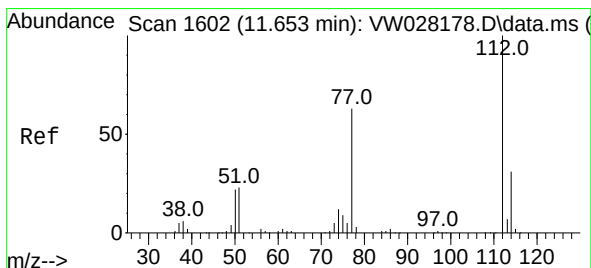
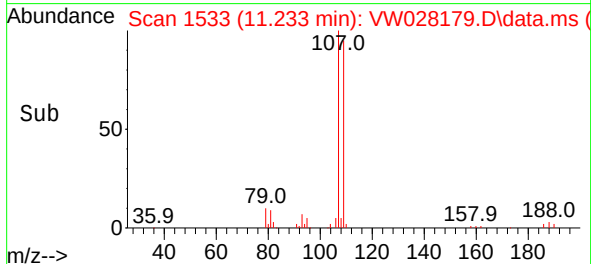
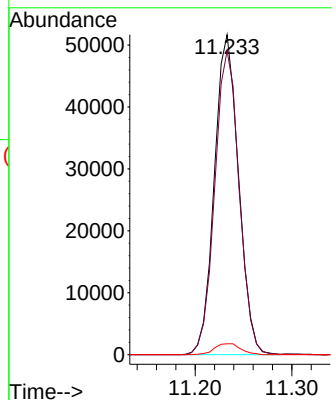
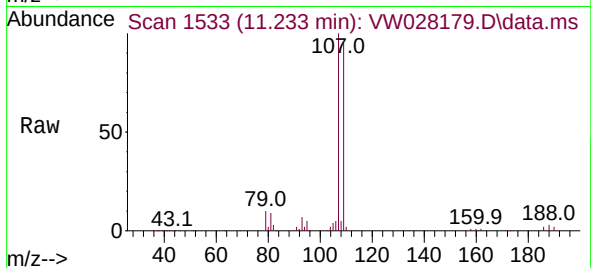
Acq: 14 Mar 2024 14:33

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	107	Resp:	89863
Ion	Ratio	Lower	Upper
107	100		
109	94.9	64.4	119.6
188	3.4	3.4	5.2#



#51

Chlorobenzene

Concen: 50.322 ug/L

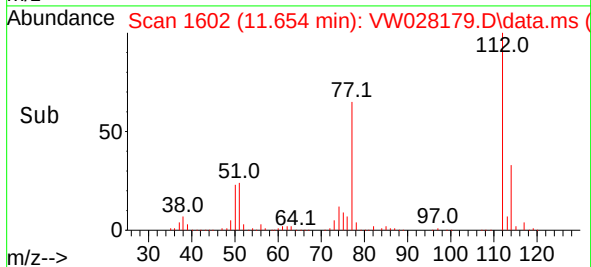
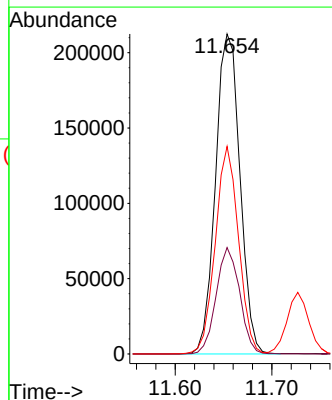
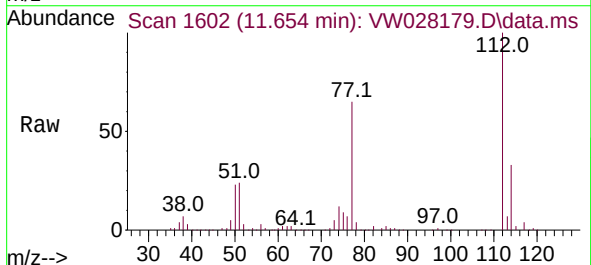
RT: 11.654 min Scan# 1602

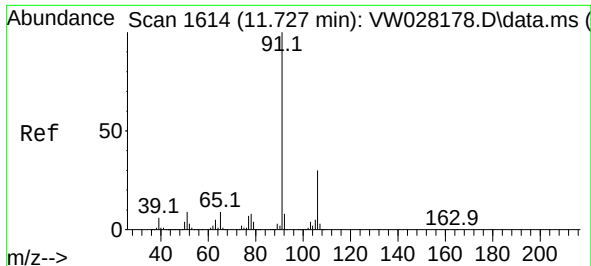
Delta R.T. 0.000 min

Lab File: VW028179.D

Acq: 14 Mar 2024 14:33

Tgt Ion:	112	Resp:	372574
Ion	Ratio	Lower	Upper
112	100		
114	33.3	21.8	40.6
77	64.8	50.6	76.0





#52

Ethylbenzene

Concen: 51.699 ug/L

RT: 11.727 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW028179.D

Acq: 14 Mar 2024 14:33

Instrument :

MSVOA_W

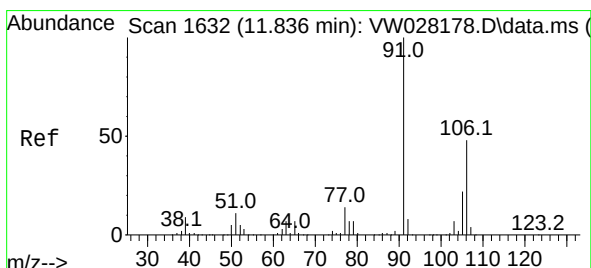
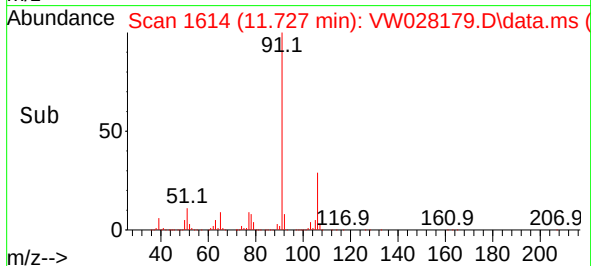
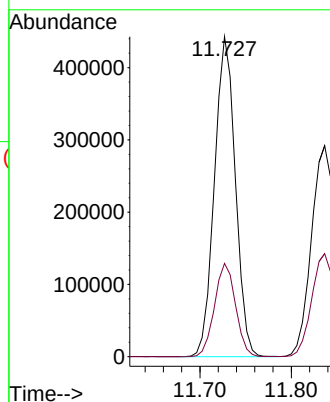
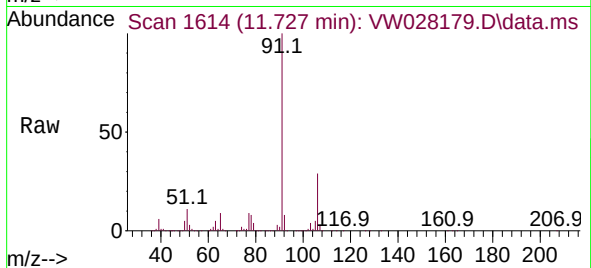
ClientSampleId :

Tgt Ion: 91 Resp: 703971

Ion Ratio Lower Upper

91 100

106 29.2 21.3 39.5



#53

m,p-Xylene

Concen: 51.603 ug/L

RT: 11.837 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW028179.D

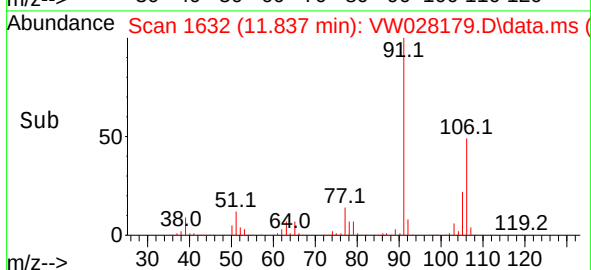
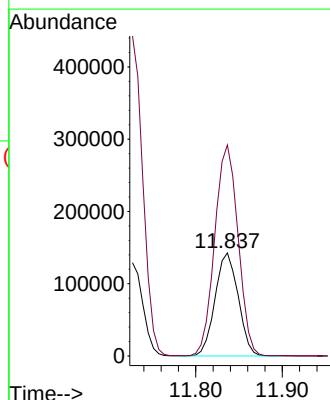
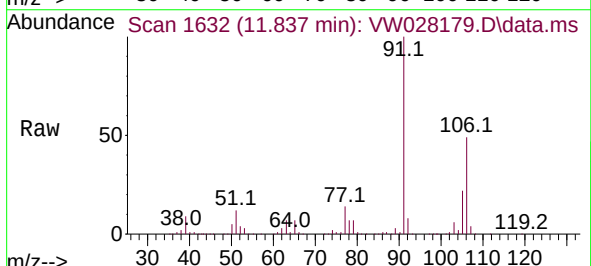
Acq: 14 Mar 2024 14:33

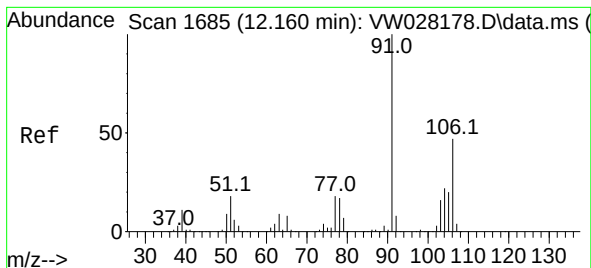
Tgt Ion:106 Resp: 264422

Ion Ratio Lower Upper

106 100

91 204.8 147.1 273.1





#54

o-Xylene

Concen: 52.188 ug/L

RT: 12.160 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW028179.D

Acq: 14 Mar 2024 14:33

Instrument :

MSVOA_W

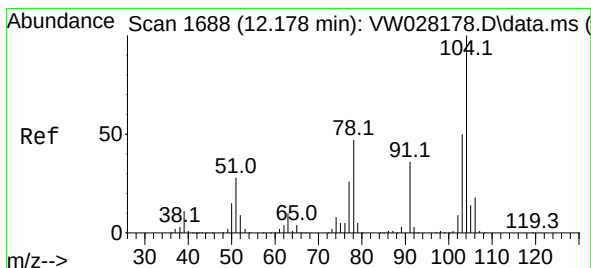
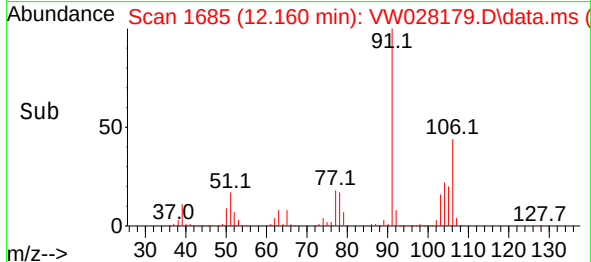
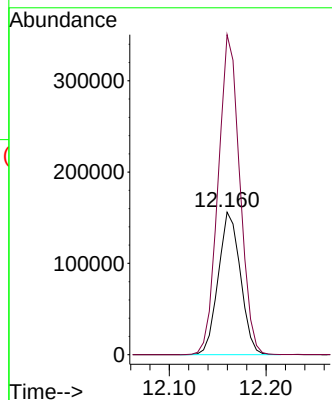
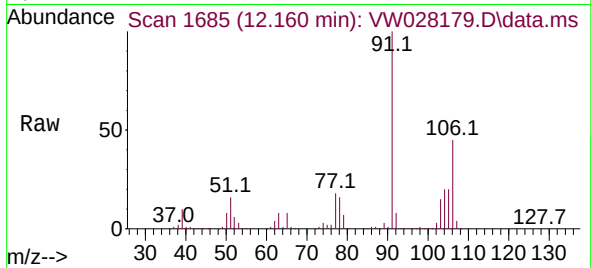
ClientSampleId :

Tgt Ion:106 Resp: 247988

Ion Ratio Lower Upper

106 100

91 224.6 149.2 277.2



#55

Styrene

Concen: 51.500 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW028179.D

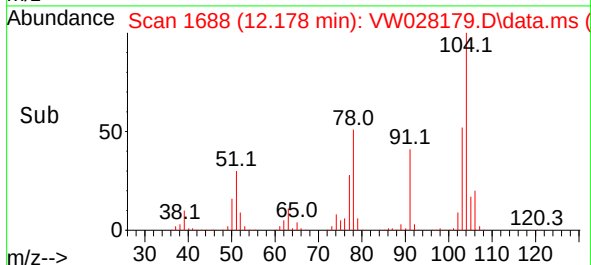
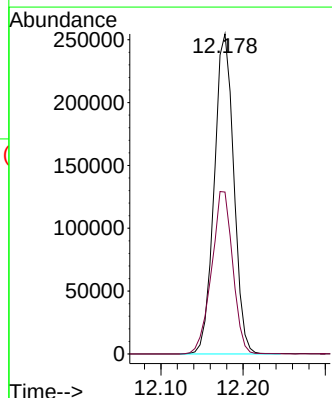
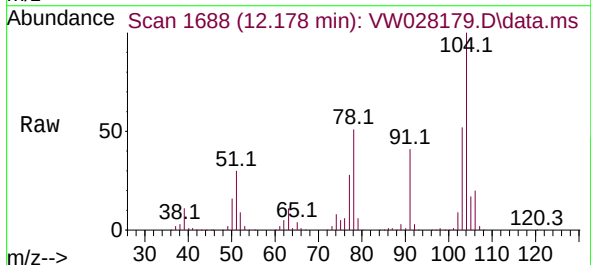
Acq: 14 Mar 2024 14:33

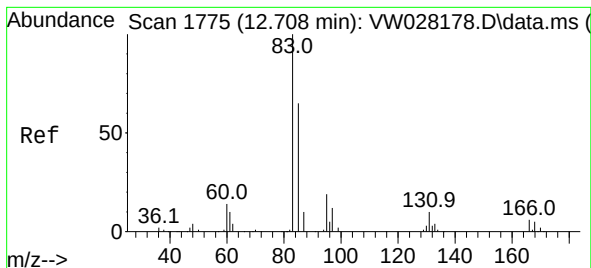
Tgt Ion:104 Resp: 420344

Ion Ratio Lower Upper

104 100

78 50.6 33.2 61.7

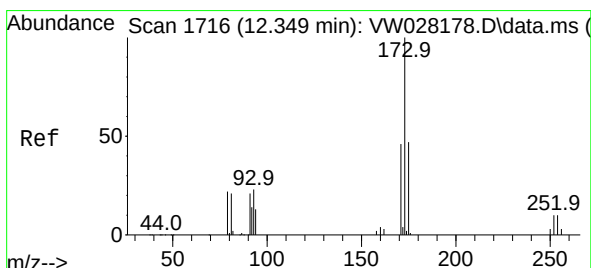
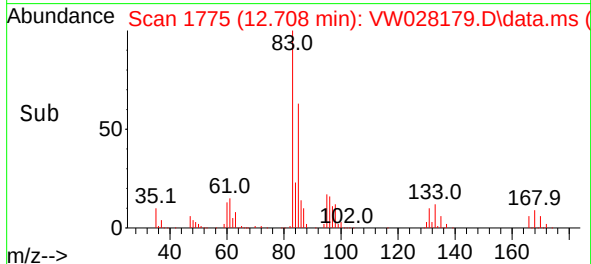
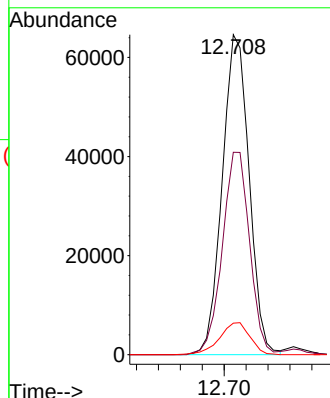
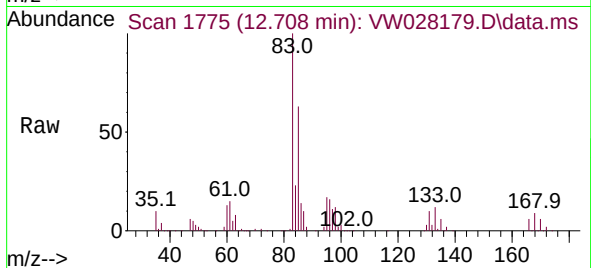




#57
1,1,2,2-Tetrachloroethane
Concen: 48.689 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VW028179.D
Acq: 14 Mar 2024 14:33

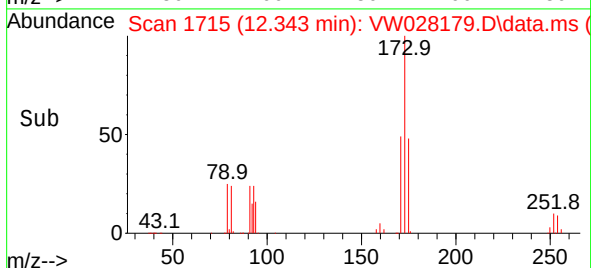
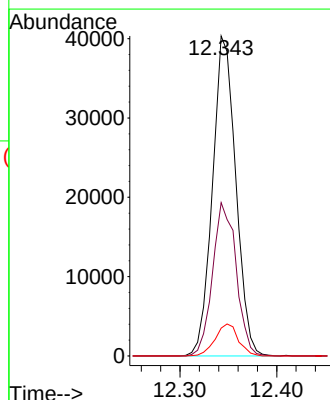
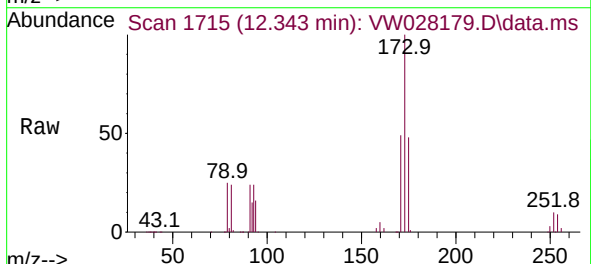
Instrument :
MSVOA_W
ClientSampleId :

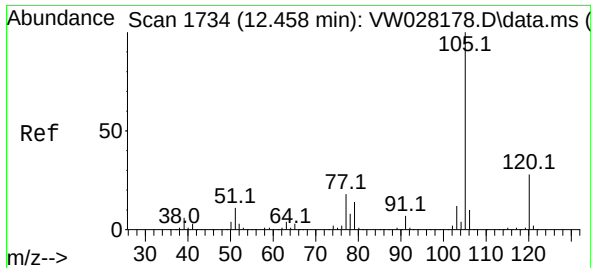
Tgt Ion: 83 Resp: 109997
Ion Ratio Lower Upper
83 100
85 63.3 47.0 87.2
131 9.8 8.9 13.3



#59
Bromoform
Concen: 48.474 ug/L
RT: 12.343 min Scan# 1715
Delta R.T. -0.006 min
Lab File: VW028179.D
Acq: 14 Mar 2024 14:33

Tgt Ion:173 Resp: 67525
Ion Ratio Lower Upper
173 100
175 48.4 39.8 59.6
254 10.0 8.5 12.7

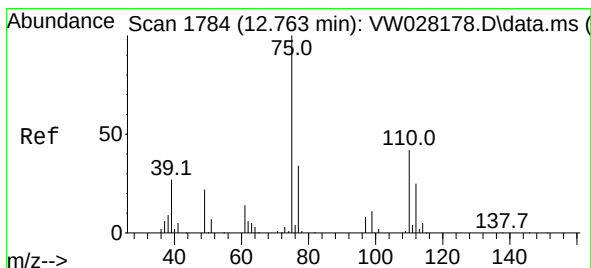
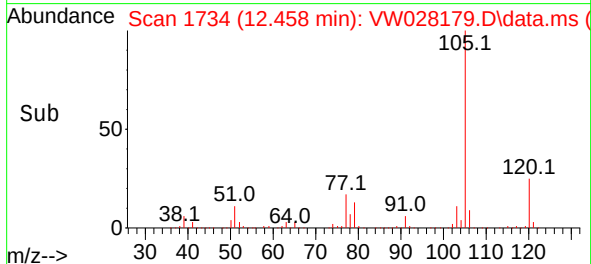
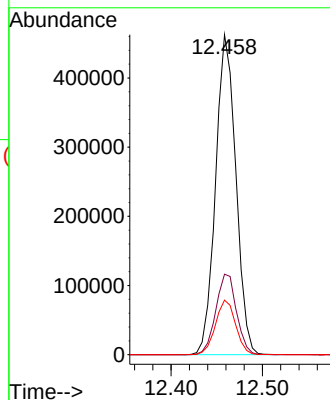
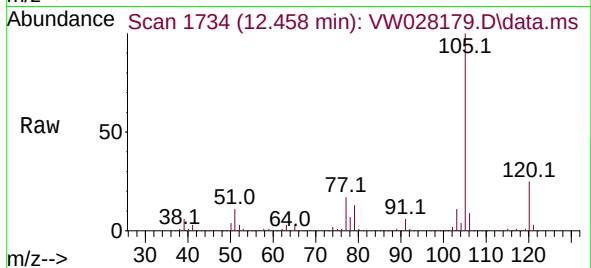




#60
Isopropylbenzene
Concen: 51.672 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. 0.000 min
Lab File: VW028179.D
Acq: 14 Mar 2024 14:33

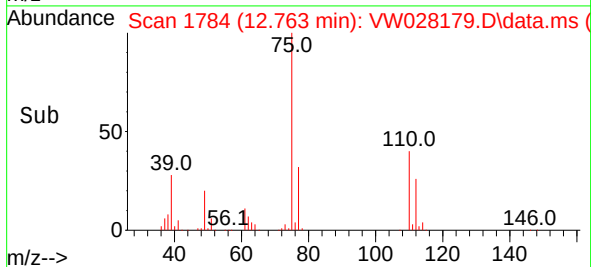
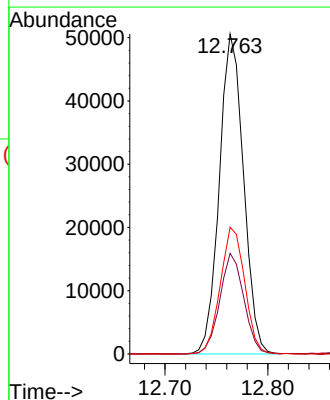
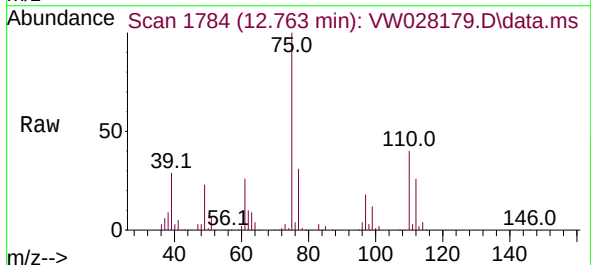
Instrument :
MSVOA_W
ClientSampleId :

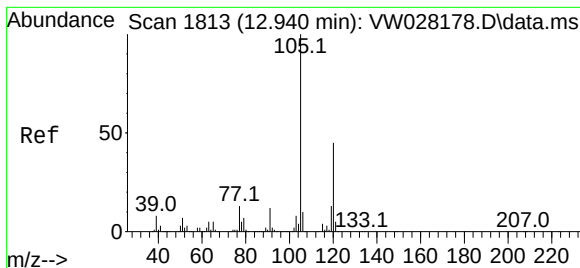
Tgt Ion:105 Resp: 713714
Ion Ratio Lower Upper
105 100
120 25.7 21.0 31.6
77 17.0 13.7 20.5



#61
1,2,3-Trichloropropane
Concen: 46.542 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW028179.D
Acq: 14 Mar 2024 14:33

Tgt Ion: 75 Resp: 82575
Ion Ratio Lower Upper
75 100
77 31.3 26.0 39.0
110 40.0 32.2 48.2





#62

1,3,5-Trimethylbenzene

Concen: 53.135 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW028179.D

Acq: 14 Mar 2024 14:33

Instrument :

MSVOA_W

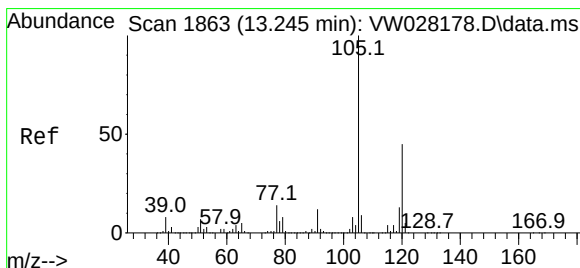
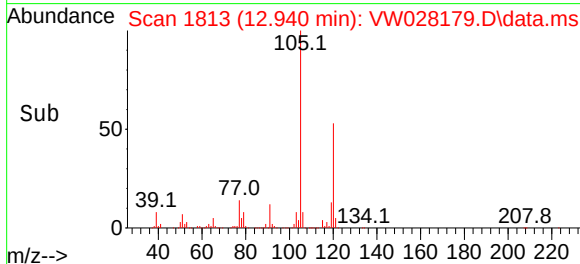
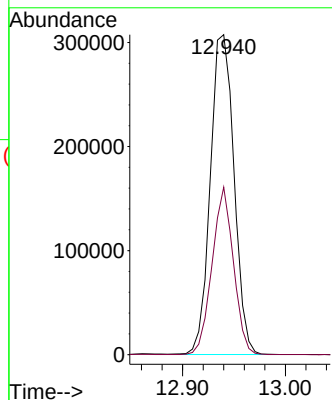
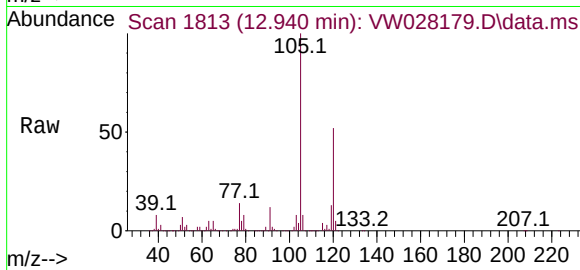
ClientSampleId :

Tgt Ion:105 Resp: 492436

Ion Ratio Lower Upper

105 100

120 47.2 38.2 57.2



#63

1,2,4-Trimethylbenzene

Concen: 52.681 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW028179.D

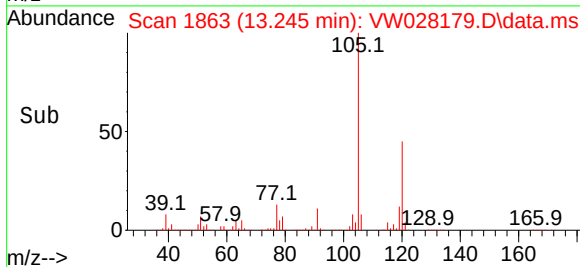
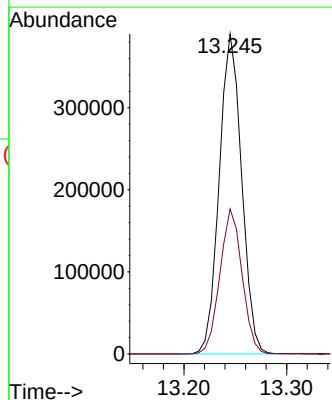
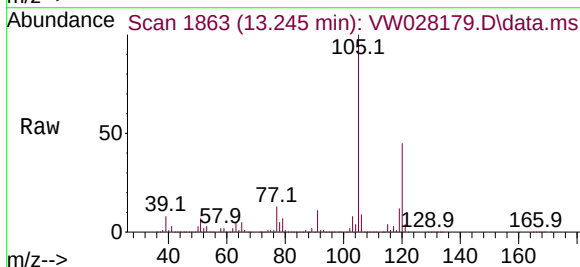
Acq: 14 Mar 2024 14:33

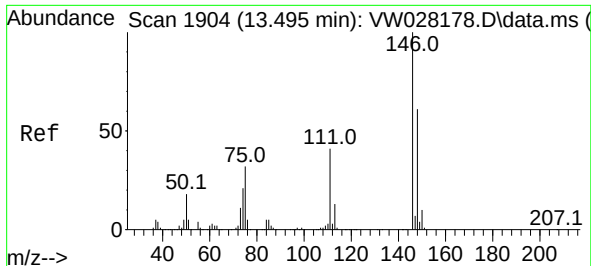
Tgt Ion:105 Resp: 589533

Ion Ratio Lower Upper

105 100

120 44.8 35.6 53.4

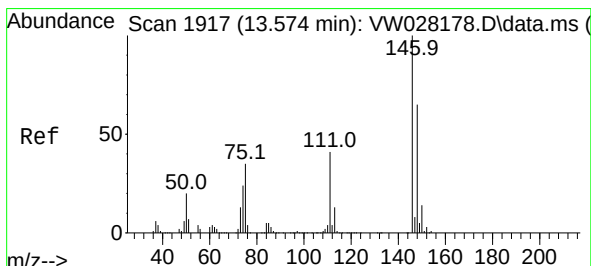
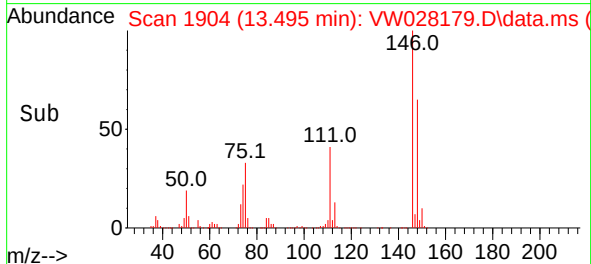
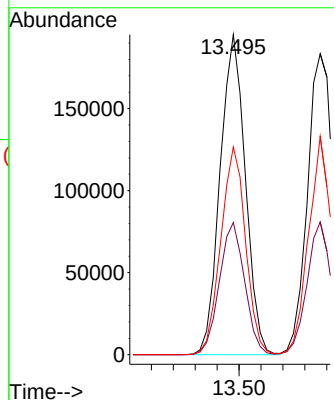
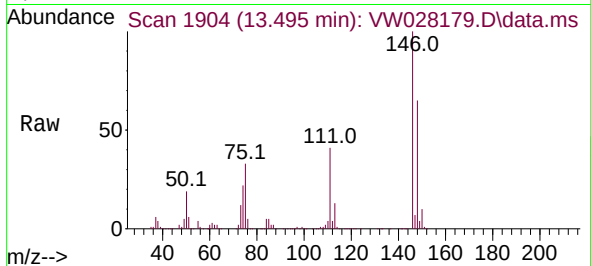




#64
1,3-Dichlorobenzene
Concen: 50.625 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW028179.D
Acq: 14 Mar 2024 14:33

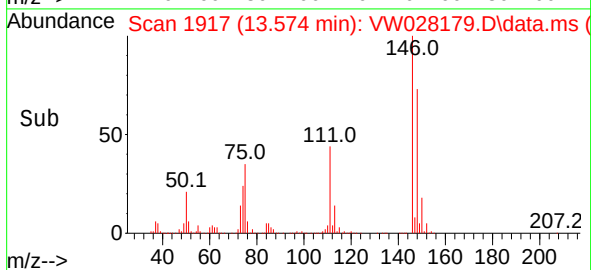
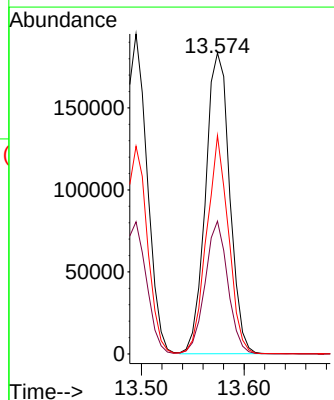
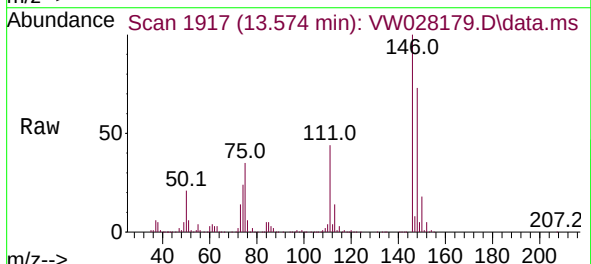
Instrument :
MSVOA_W
ClientSampleId :

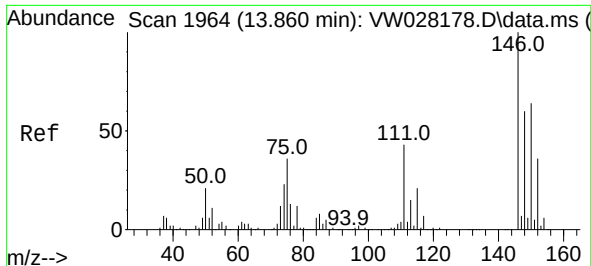
Tgt Ion:146 Resp: 311956
Ion Ratio Lower Upper
146 100
111 41.3 28.5 52.9
148 64.9 43.0 80.0



#65
1,4-Dichlorobenzene
Concen: 48.657 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW028179.D
Acq: 14 Mar 2024 14:33

Tgt Ion:146 Resp: 299815
Ion Ratio Lower Upper
146 100
111 44.1 28.8 53.6
148 72.6 45.3 84.1

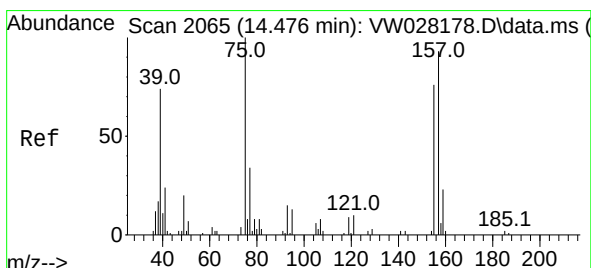
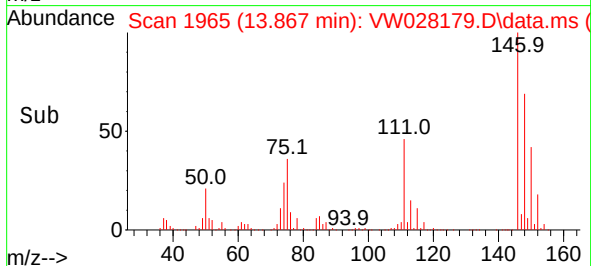
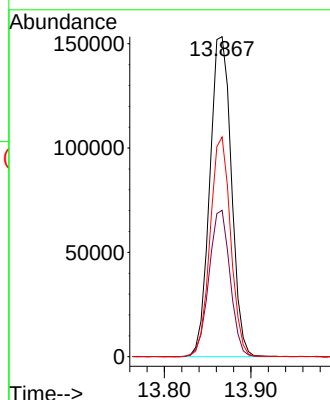
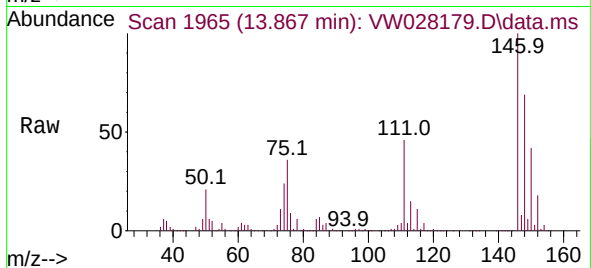




#67
1,2-Dichlorobenzene
Concen: 49.957 ug/L
RT: 13.867 min Scan# 1964
Delta R.T. 0.006 min
Lab File: VW028179.D
Acq: 14 Mar 2024 14:33

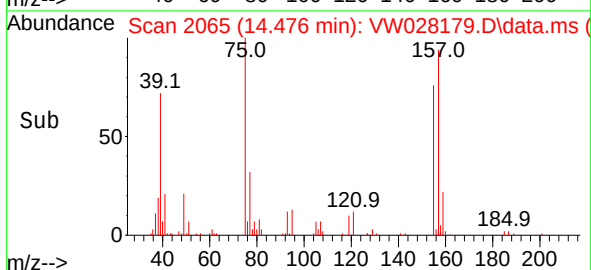
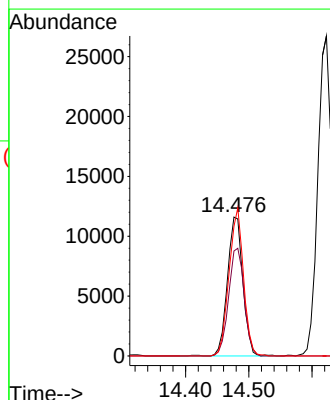
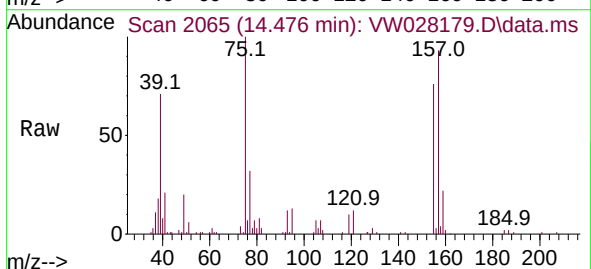
Instrument :
MSVOA_W
ClientSampleId :

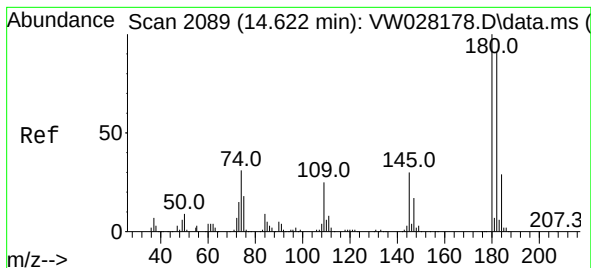
Tgt Ion:146 Resp: 265098
Ion Ratio Lower Upper
146 100
111 45.8 34.2 51.2
148 68.6 48.1 72.1



#68
1,2-Dibromo-3-chloropropane
Concen: 46.915 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. 0.000 min
Lab File: VW028179.D
Acq: 14 Mar 2024 14:33

Tgt Ion: 75 Resp: 19553
Ion Ratio Lower Upper
75 100
155 75.5 61.1 91.7
157 93.3 74.2 111.4





#69

1,3,5-Trichlorobenzene

Concen: 51.034 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

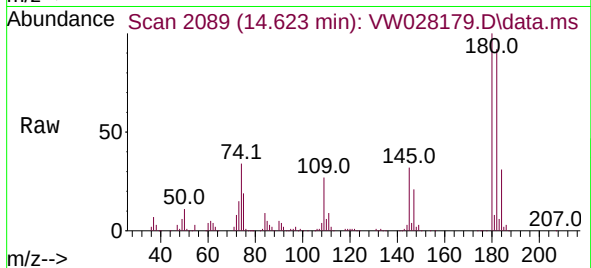
Lab File: VW028179.D

Acq: 14 Mar 2024 14:33

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 219053

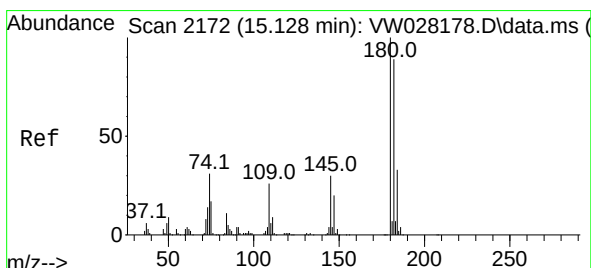
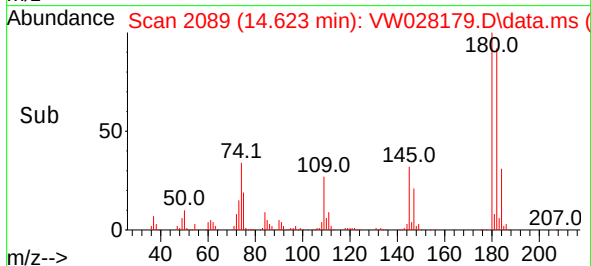
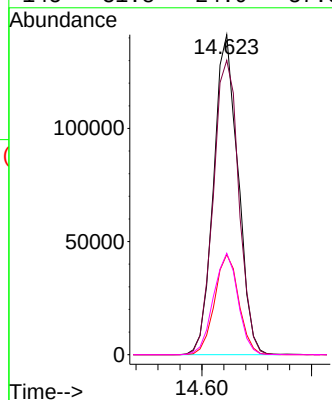
Ion Ratio Lower Upper

180 100

182 96.4 76.6 114.8

184 30.9 23.5 35.3

145 31.8 24.9 37.3



#70

1,2,4-trichlorobenzene

Concen: 49.489 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. -0.006 min

Lab File: VW028179.D

Acq: 14 Mar 2024 14:33

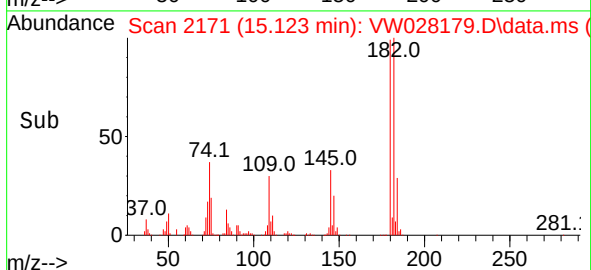
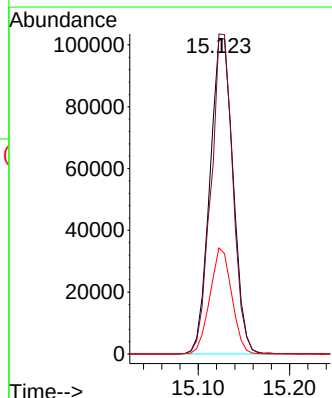
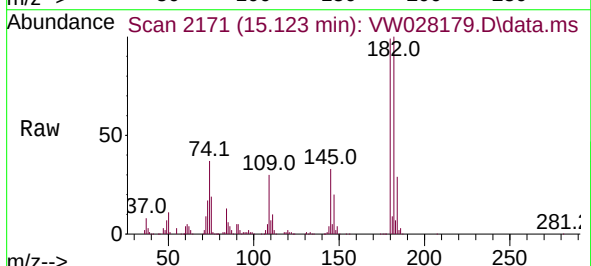
Tgt Ion:180 Resp: 180459

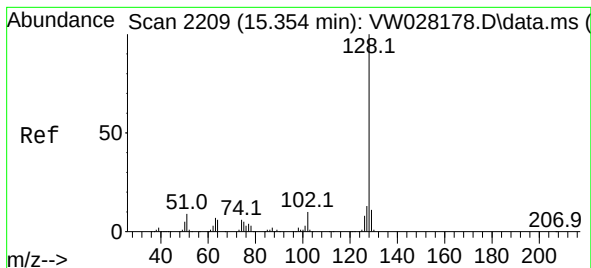
Ion Ratio Lower Upper

180 100

182 95.2 73.8 110.8

145 31.5 25.0 37.6





#71

Naphthalene

Concen: 51.071 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.006 min

Lab File: VW028179.D

Acq: 14 Mar 2024 14:33

Instrument :

MSVOA_W

ClientSampleId :

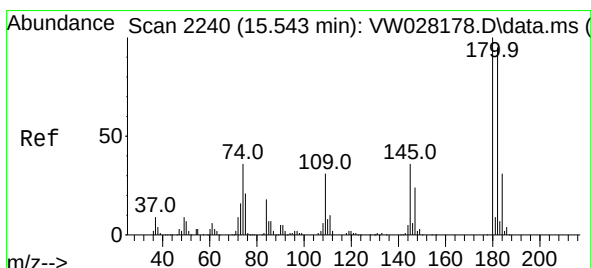
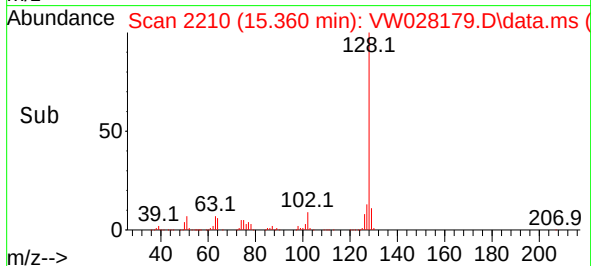
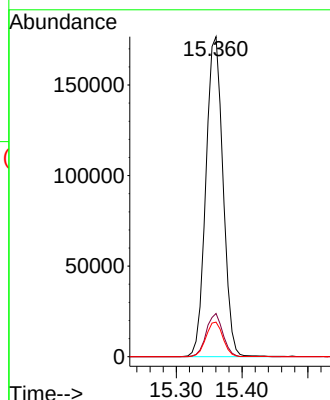
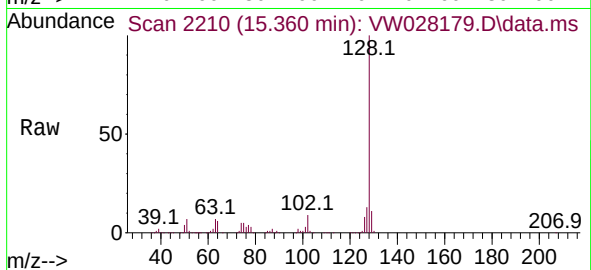
Tgt Ion:128 Resp: 319636

Ion Ratio Lower Upper

128 100

127 13.1 10.9 16.3

129 10.8 8.9 13.3



#72

1,2,3-Trichlorobenzene

Concen: 48.113 ug/L

RT: 15.543 min Scan# 2240

Delta R.T. 0.000 min

Lab File: VW028179.D

Acq: 14 Mar 2024 14:33

Tgt Ion:180 Resp: 144630

Ion Ratio Lower Upper

180 100

182 96.8 76.0 114.0

145 34.3 27.1 40.7

