

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012524\
 Data File : VW033859.D
 Acq On : 25 Jan 2024 09:34
 Operator : SY/MD
 Sample : VSTD001
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 25 20:54:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 25 20:53:39 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	105694	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	97164	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	48942	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	7925	1.242	ug/L	0.00
7) Chloroethane-d5	1.536	69	6819	1.204	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.060	65	3606	1.237	ug/L	0.00
20) 2-Butanone-d5	3.873	46	2809	1.937	ug/L	0.04
24) Chloroform-d	4.259	84	14183	1.067	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.960	65	6631	1.097	ug/L	0.01
32) Benzene-d6	4.966	84	27217	1.083	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.995	67	7641	0.944	ug/L	0.00
41) Toluene-d8	7.249	98	25871	1.144	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.567	79	2689	0.941	ug/L	0.00
46) 2-Hexanone-d5	8.043	63	9345	8.445	ug/L	0.02
56) 1,1,2,2-Tetrachloroeth...	10.156	84	4701	0.985	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.564	152	8540	1.071	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	9353	0.970	ug/L	98
3) Chloromethane	1.217	50	10209	0.903	ug/L	99
5) Vinyl chloride	1.285	62	9599	0.882	ug/L #	63
6) Bromomethane	1.491	94	4763	0.877	ug/L	92
8) Chloroethane	1.552	64	7164	1.078	ug/L	89
9) Trichlorofluoromethane	1.716	101	13825	1.015	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	7418	0.987	ug/L	96
12) 1,1-Dichloroethene	2.073	96	6896	0.919	ug/L	99
13) Acetone	2.397	43	1624	1.419	ug/L	99
14) Carbon disulfide	2.243	76	22545	0.835	ug/L	99
15) Methyl Acetate	2.397	43	1664	0.628	ug/L #	84
16) Methylene chloride	2.449	84	6828	0.798	ug/L	99
17) Methyl tert-butyl Ether	2.709	73	14723	0.879	ug/L	97
18) trans-1,2-Dichloroethene	2.696	96	6999	0.844	ug/L	97
19) 1,1-Dichloroethane	3.117	63	13187	0.810	ug/L	92
21) 2-Butanone	3.937	43	2330	1.476	ug/L #	40
22) cis-1,2-Dichloroethene	3.825	96	8054	0.921	ug/L	96
23) Bromochloromethane	4.153	128	2821	0.882	ug/L #	75
25) Chloroform	4.285	83	13462	0.889	ug/L	99
27) 1,2-Dichloroethane	5.050	62	7497	0.861	ug/L	96
29) 1,1,1-Trichloroethane	4.519	97	12488	0.911	ug/L	97
30) Cyclohexane	4.584	56	12418	0.783	ug/L	99
31) Carbon tetrachloride	4.735	117	10814	0.918	ug/L	99
33) Benzene	5.018	78	27729	0.826	ug/L	100
34) Trichloroethene	5.841	95	8317	0.922	ug/L	90
35) Methylcyclohexane	6.050	83	12921	0.854	ug/L	99
37) 1,2-Dichloropropane	6.098	63	6861	0.820	ug/L #	93
38) Bromodichloromethane	6.439	83	8870	0.862	ug/L	98
39) cis-1,3-Dichloropropene	6.969	75	9811	0.817	ug/L	95
40) 4-Methyl-2-pentanone	7.169	43	31790	8.175	ug/L	97
42) Toluene	7.320	91	29938	0.842	ug/L	97
44) trans-1,3-Dichloropropene	7.593	75	7309	0.755	ug/L	97

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

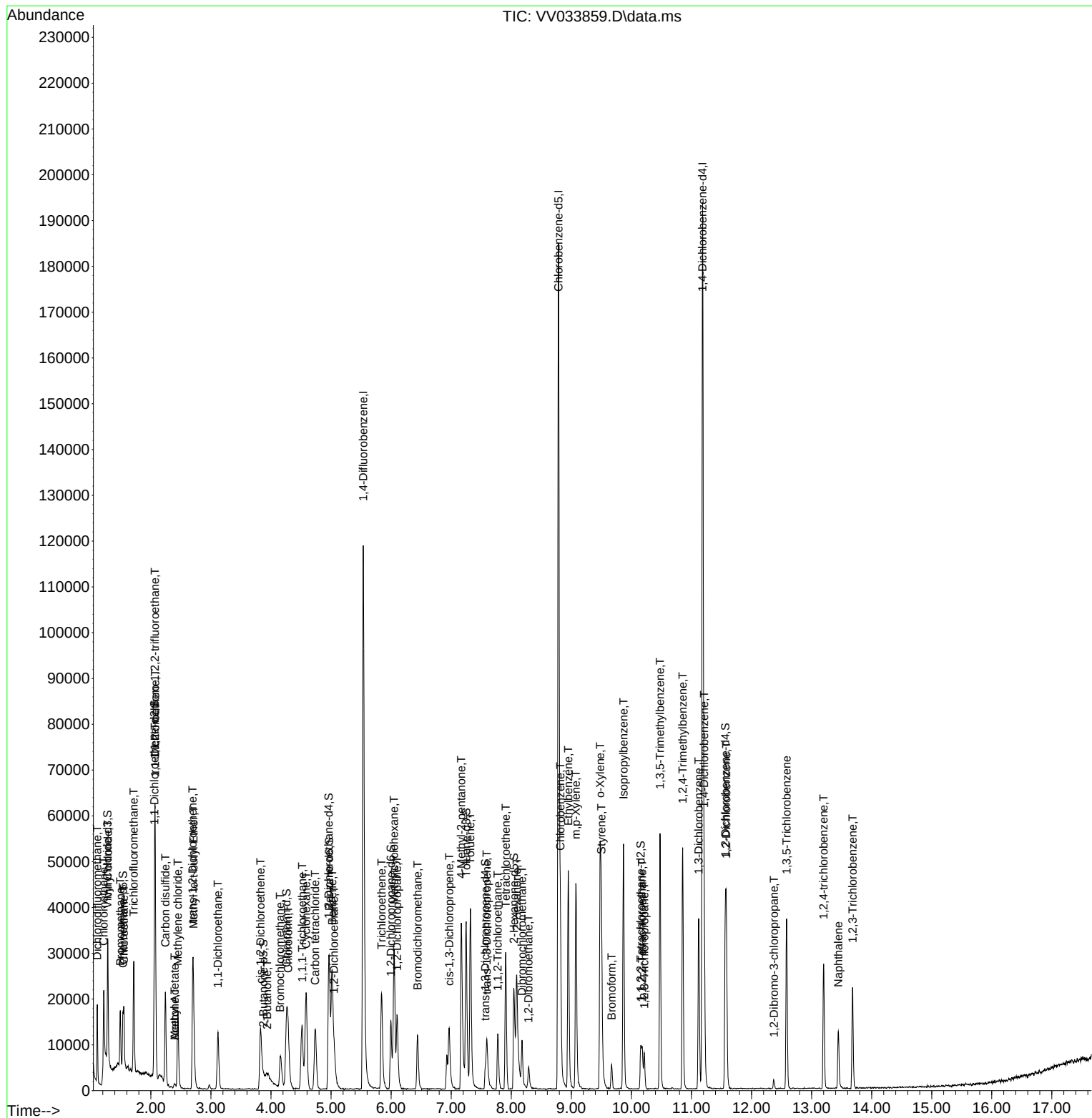
45) 1,1,2-Trichloroethane	7.773	97	4297	0.912	ug/L	87
47) Tetrachloroethene	7.908	164	6765	1.027	ug/L	92
48) 2-Hexanone	8.092	43	20479	7.174	ug/L	92
49) Dibromochloromethane	8.182	129	4980	0.852	ug/L	96
50) 1,2-Dibromoethane	8.288	107	3837	0.881	ug/L #	91
51) Chlorobenzene	8.818	112	19085	0.868	ug/L	99
52) Ethylbenzene	8.950	91	33794	0.819	ug/L	99
53) m,p-Xylene	9.075	106	13205	0.865	ug/L	99
54) o-Xylene	9.481	106	12724	0.859	ug/L	100
55) Styrene	9.503	104	19392	0.816	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.182	83	4281	0.826	ug/L	95
59) Bromoform	9.670	173	2406	0.822	ug/L	96
60) Isopropylbenzene	9.870	105	34932	0.906	ug/L	99
61) 1,2,3-Trichloropropane	10.217	75	3347	0.871	ug/L	98
62) 1,3,5-Trimethylbenzene	10.477	105	29349	0.889	ug/L	99
63) 1,2,4-Trimethylbenzene	10.854	105	28233	0.853	ug/L	99
64) 1,3-Dichlorobenzene	11.120	146	15063	0.889	ug/L	97
65) 1,4-Dichlorobenzene	11.210	146	15634	0.938	ug/L	94
67) 1,2-Dichlorobenzene	11.580	146	13091	0.884	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.374	75	588	0.697	ug/L	89
69) 1,3,5-Trichlorobenzene	12.583	180	11433	0.864	ug/L	99
70) 1,2,4-trichlorobenzene	13.201	180	9110	0.832	ug/L	92
71) Naphthalene	13.445	128	11052	0.599	ug/L	100
72) 1,2,3-Trichlorobenzene	13.683	180	6894	0.774	ug/L	98

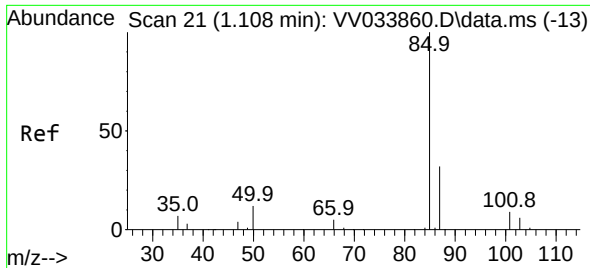
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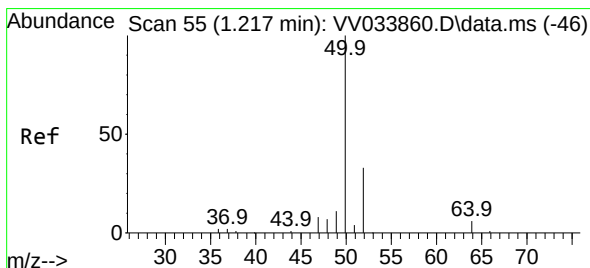
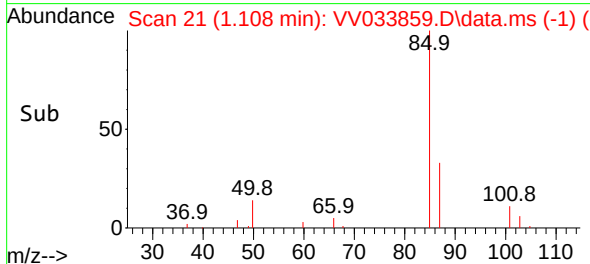
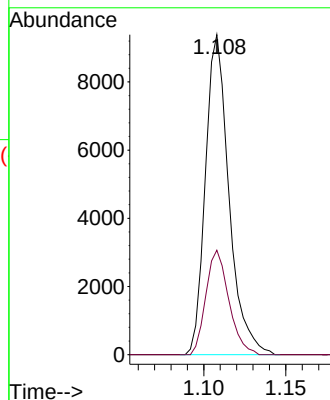
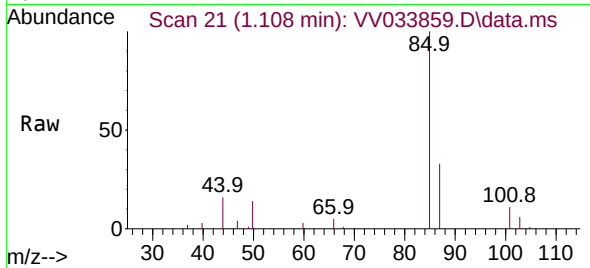




#2
 Dichlorodifluoromethane
 Concen: 0.970 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV033859.D
 Acq: 25 Jan 2024 09:34

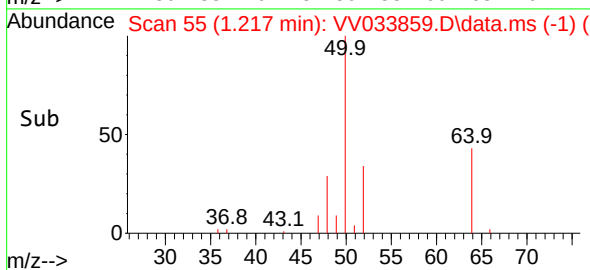
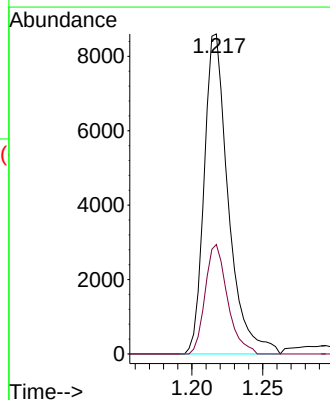
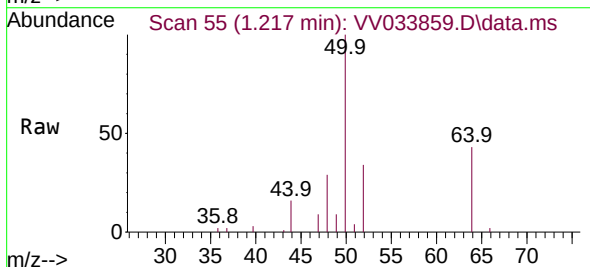
Instrument :
 MSVOA_V
 ClientSampleId :

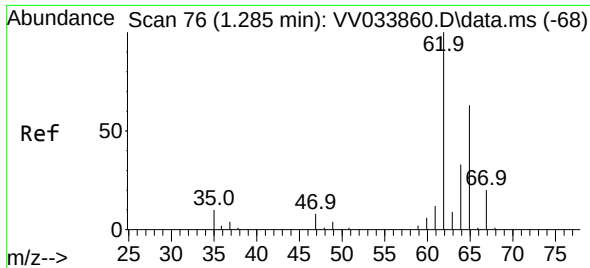
Tgt Ion: 85 Resp: 9353
 Ion Ratio Lower Upper
 85 100
 87 31.9 26.2 39.4



#3
 Chloromethane
 Concen: 0.903 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VV033859.D
 Acq: 25 Jan 2024 09:34

Tgt Ion: 50 Resp: 10209
 Ion Ratio Lower Upper
 50 100
 52 34.2 23.4 43.4

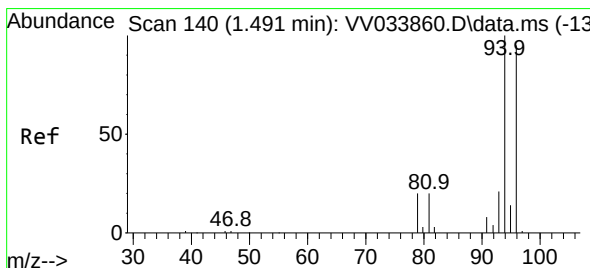
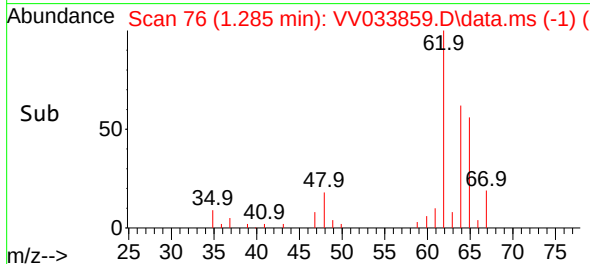
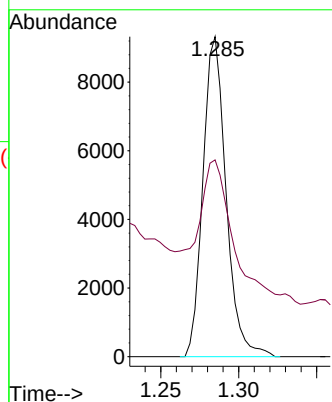
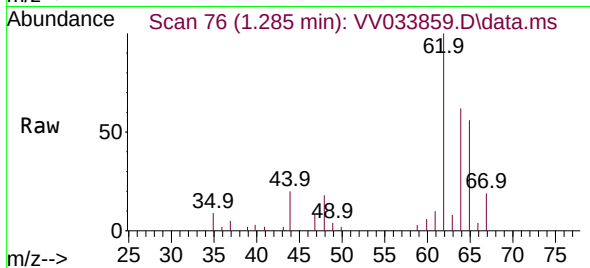




#5
 Vinyl chloride
 Concen: 0.882 ug/L
 RT: 1.285 min Scan# 70
 Delta R.T. -0.000 min
 Lab File: VV033859.D
 Acq: 25 Jan 2024 09:34

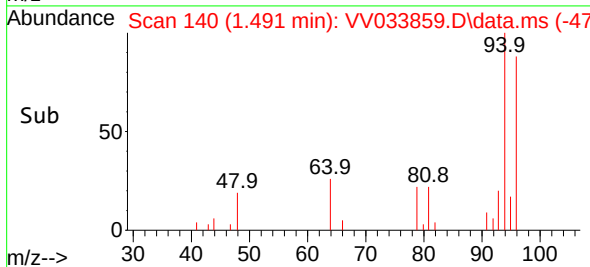
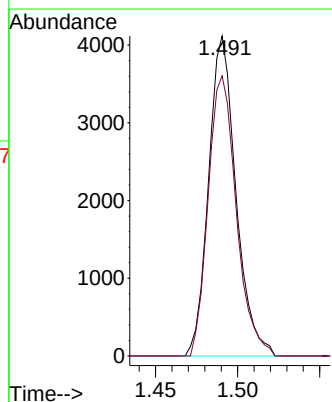
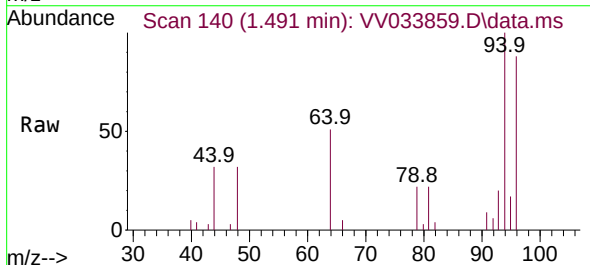
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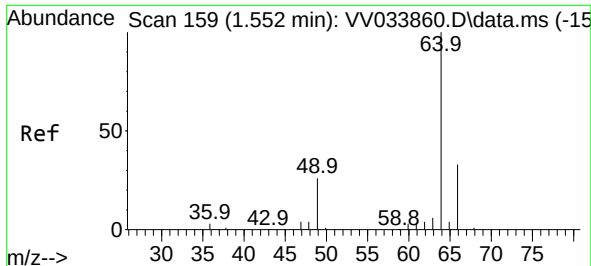
Tgt Ion: 62 Resp: 9599
 Ion Ratio Lower Upper
 62 100
 64 61.5 27.2 50.4#



#6
 Bromomethane
 Concen: 0.877 ug/L
 RT: 1.491 min Scan# 140
 Delta R.T. -0.000 min
 Lab File: VV033859.D
 Acq: 25 Jan 2024 09:34

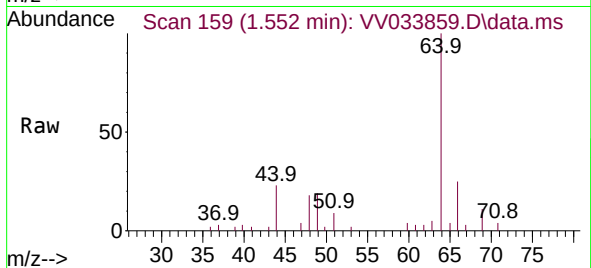
Tgt Ion: 94 Resp: 4763
 Ion Ratio Lower Upper
 94 100
 96 87.5 66.6 123.8



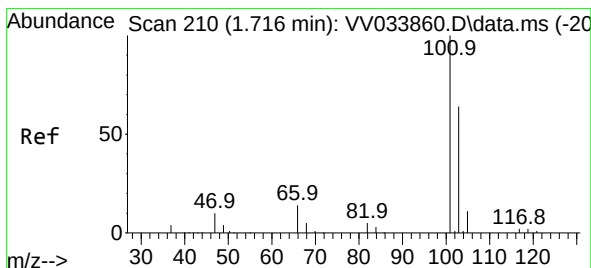
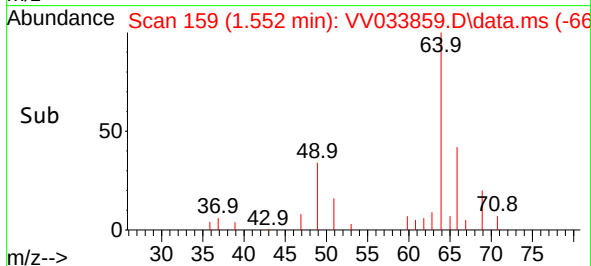
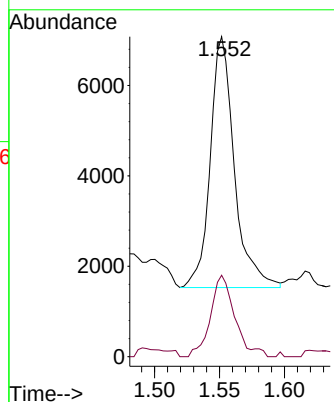


#8
Chloroethane
Concen: 1.078 ug/L
RT: 1.552 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV033859.D
Acq: 25 Jan 2024 09:34

Instrument :
MSVOA_V
ClientSampleId :

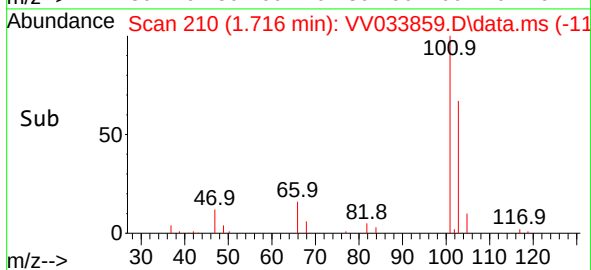
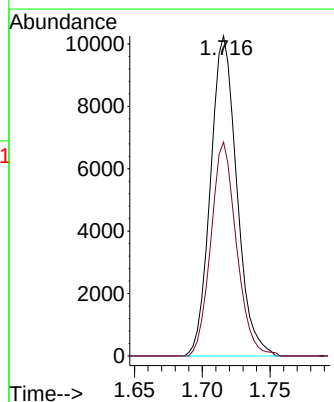
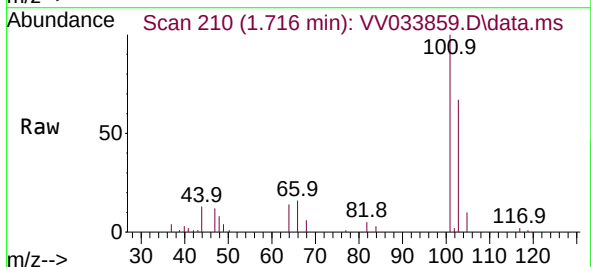


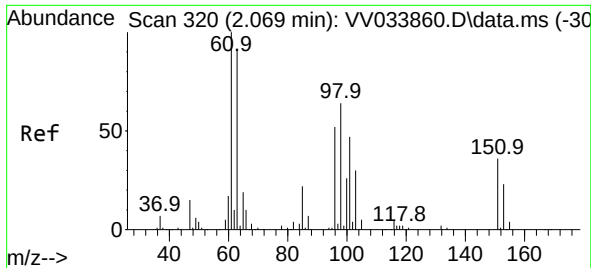
Tgt Ion: 64 Resp: 7164
Ion Ratio Lower Upper
64 100
66 25.4 22.0 41.0



#9
Trichlorofluoromethane
Concen: 1.015 ug/L
RT: 1.716 min Scan# 210
Delta R.T. -0.000 min
Lab File: VV033859.D
Acq: 25 Jan 2024 09:34

Tgt Ion: 101 Resp: 13825
Ion Ratio Lower Upper
101 100
103 65.0 51.0 76.4

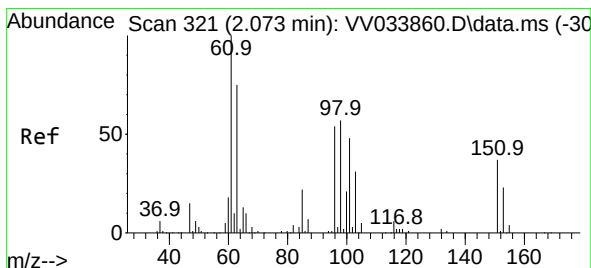
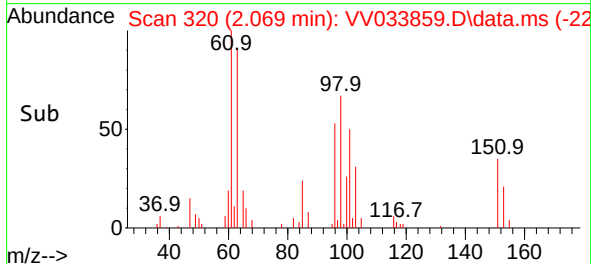
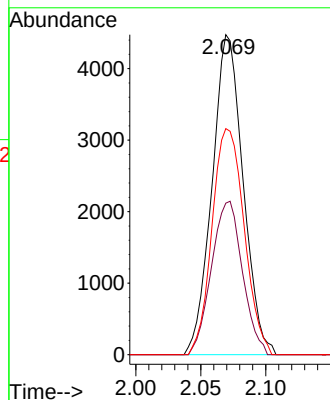
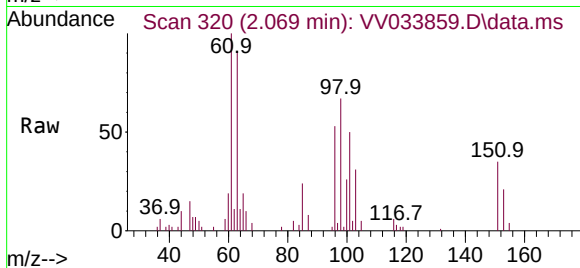




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.987 ug/L
 RT: 2.069 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VV033859.D
 Acq: 25 Jan 2024 09:34

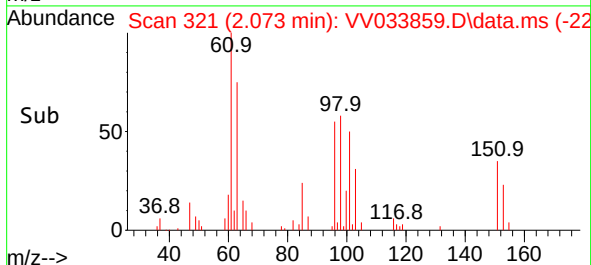
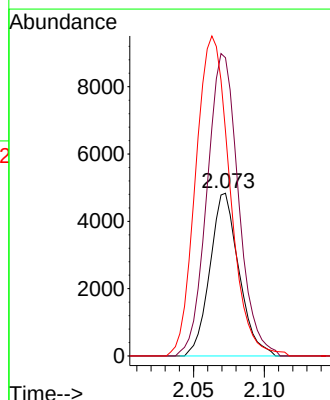
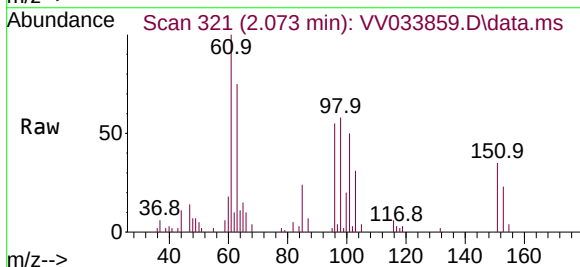
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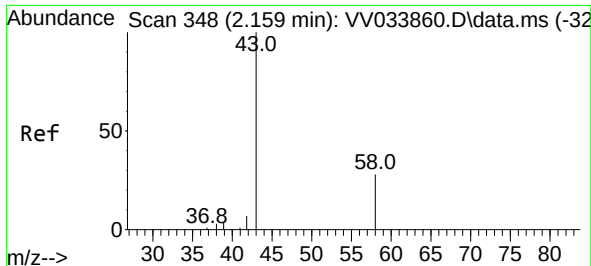
Tgt Ion:101 Resp: 7418
 Ion Ratio Lower Upper
 101 100
 85 48.0 37.1 55.7
 151 73.3 61.7 92.5



#12
 1,1-Dichloroethene
 Concen: 0.919 ug/L
 RT: 2.073 min Scan# 321
 Delta R.T. -0.000 min
 Lab File: VV033859.D
 Acq: 25 Jan 2024 09:34

Tgt Ion: 96 Resp: 6896
 Ion Ratio Lower Upper
 96 100
 61 183.3 128.8 239.2
 63 138.2 97.9 181.9





#13

Acetone

Concen: 1.419 ug/L

RT: 2.397 min Scan# 41

Delta R.T. 0.238 min

Lab File: VV033859.D

Acq: 25 Jan 2024 09:34

Instrument :

MSVOA_V

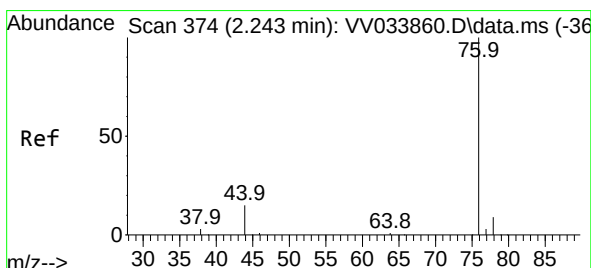
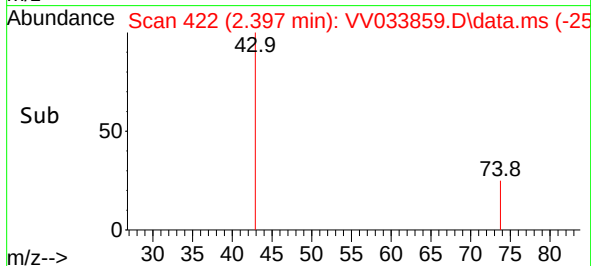
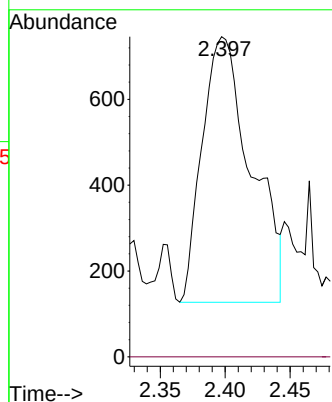
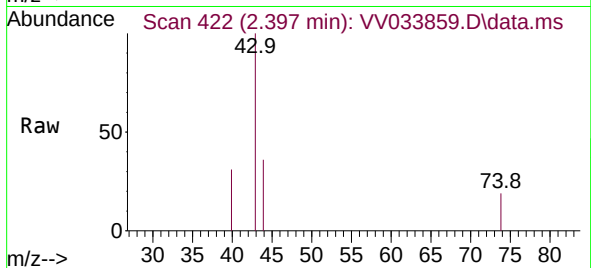
ClientSampleId :

Tgt Ion: 43 Resp: 1624

Ion Ratio Lower Upper

43 100

58 6.4 0.0 13.8



#14

Carbon disulfide

Concen: 0.835 ug/L

RT: 2.243 min Scan# 374

Delta R.T. -0.000 min

Lab File: VV033859.D

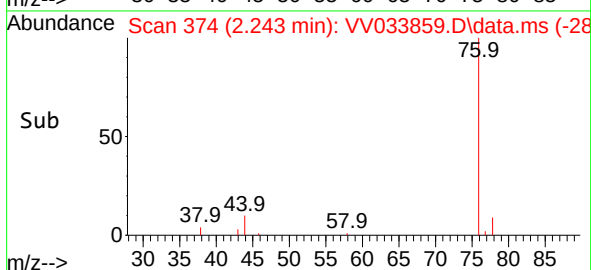
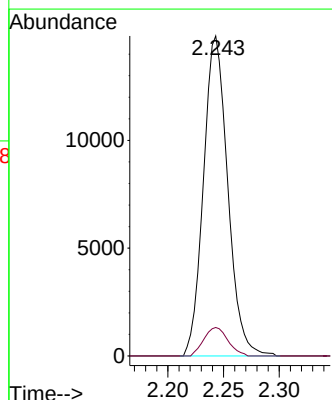
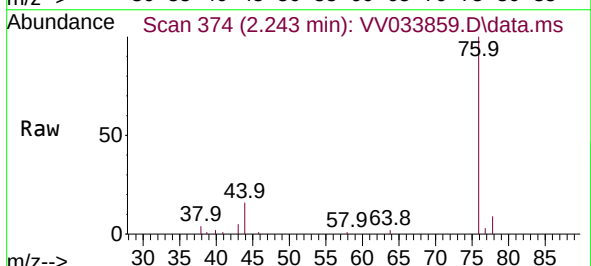
Acq: 25 Jan 2024 09:34

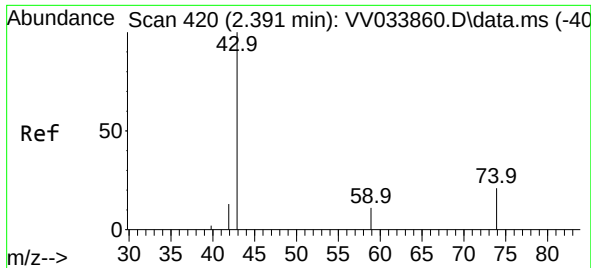
Tgt Ion: 76 Resp: 22545

Ion Ratio Lower Upper

76 100

78 8.9 7.5 11.3

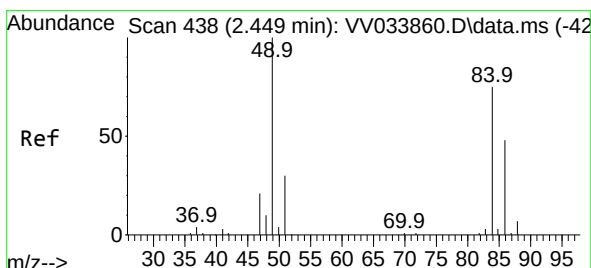
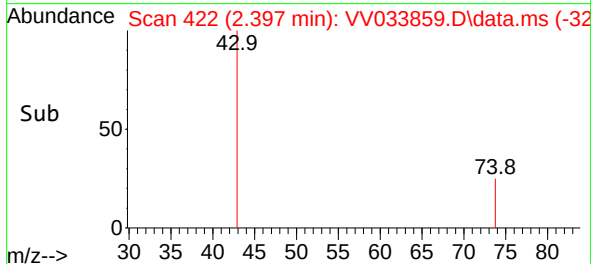
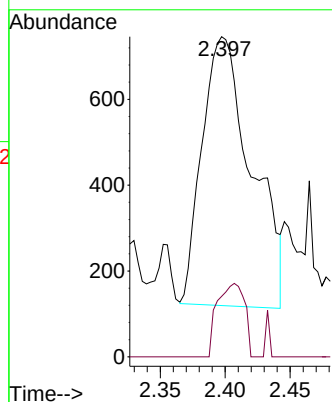
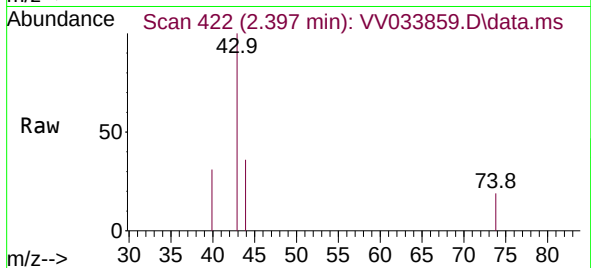




#15
Methyl Acetate
Concen: 0.628 ug/L
RT: 2.397 min Scan# 41
Delta R.T. 0.006 min
Lab File: VV033859.D
Acq: 25 Jan 2024 09:34

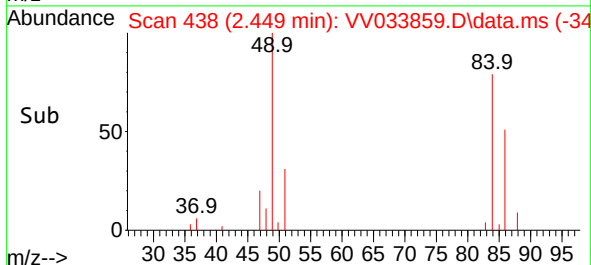
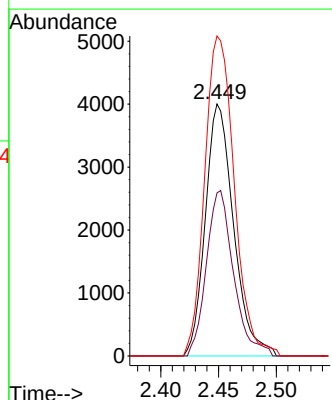
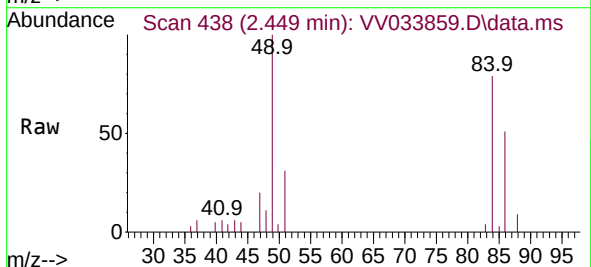
Instrument :
MSVOA_V
ClientSampleId :

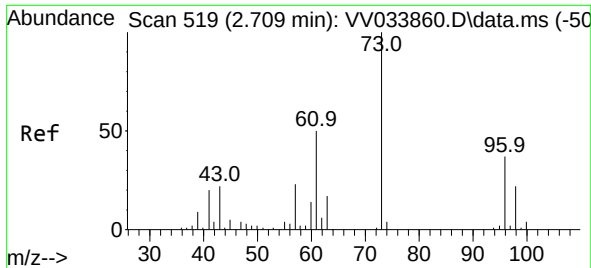
Tgt Ion: 43 Resp: 1664
Ion Ratio Lower Upper
43 100
74 15.0 18.2 27.4#



#16
Methylene chloride
Concen: 0.798 ug/L
RT: 2.449 min Scan# 438
Delta R.T. -0.000 min
Lab File: VV033859.D
Acq: 25 Jan 2024 09:34

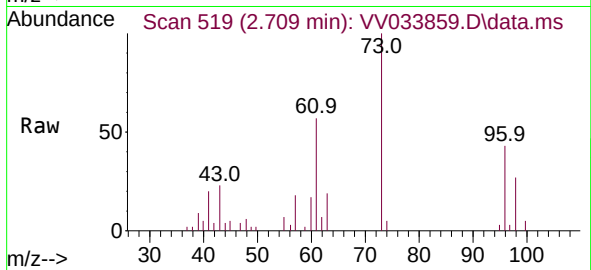
Tgt Ion: 84 Resp: 6828
Ion Ratio Lower Upper
84 100
86 64.7 44.7 83.1
49 131.9 93.7 173.9



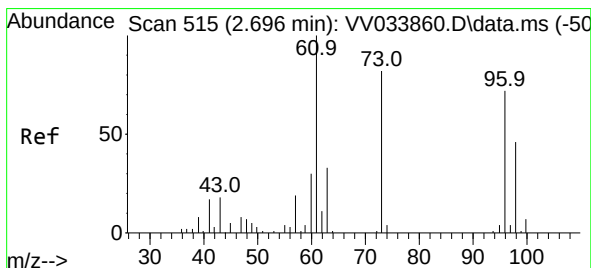
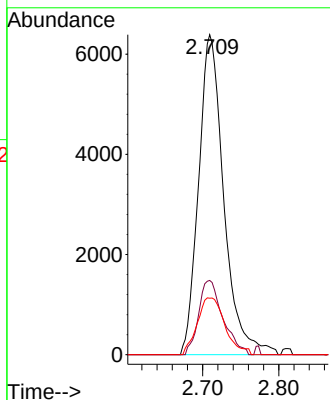
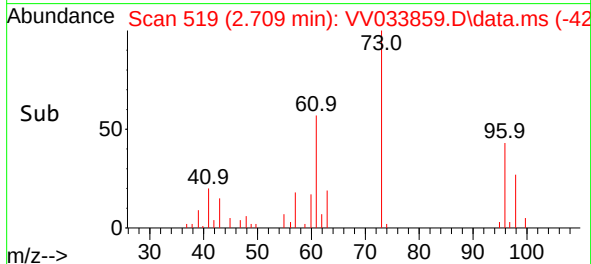


#17
Methyl tert-butyl Ether
Concen: 0.879 ug/L
RT: 2.709 min Scan# 519
Delta R.T. -0.000 min
Lab File: VV033859.D
Acq: 25 Jan 2024 09:34

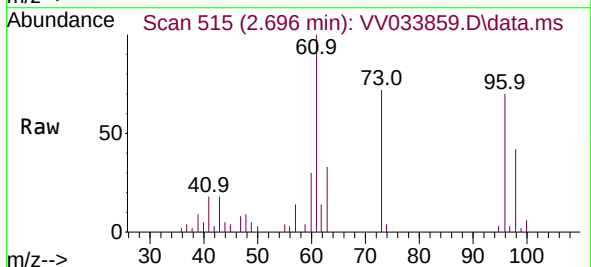
Instrument :
MSVOA_V
ClientSampleId :



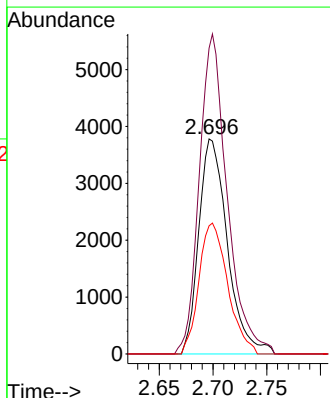
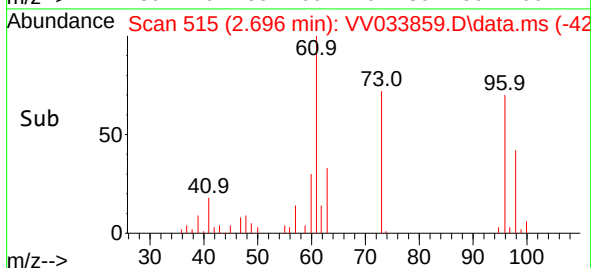
Tgt Ion: 73	Resp: 14723
Ion Ratio	Lower Upper
73 100	
43 22.3	17.7 26.5
57 19.5	17.9 26.9

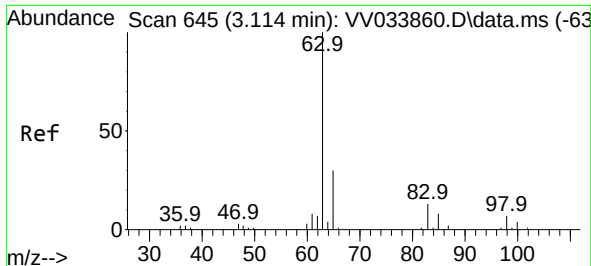


#18
trans-1,2-Dichloroethene
Concen: 0.844 ug/L
RT: 2.696 min Scan# 515
Delta R.T. -0.000 min
Lab File: VV033859.D
Acq: 25 Jan 2024 09:34



Tgt Ion: 96	Resp: 6999
Ion Ratio	Lower Upper
96 100	
61 142.2	97.6 181.4
98 59.6	44.4 82.5





#19

1,1-Dichloroethane

Concen: 0.810 ug/L

RT: 3.117 min Scan# 64

Delta R.T. 0.003 min

Lab File: VV033859.D

Acq: 25 Jan 2024 09:34

Instrument :

MSVOA_V

ClientSampleId :

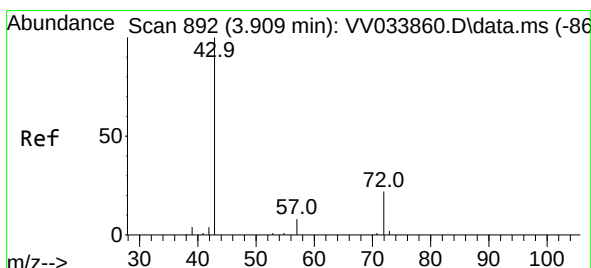
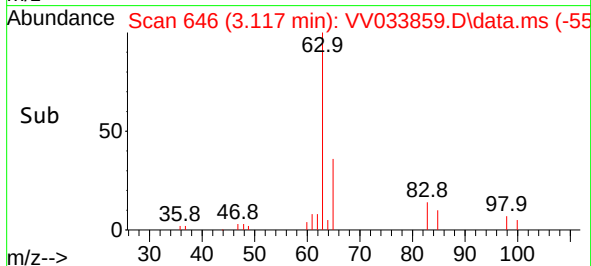
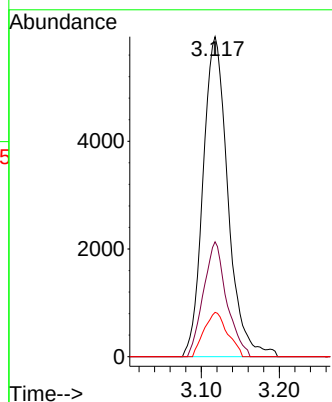
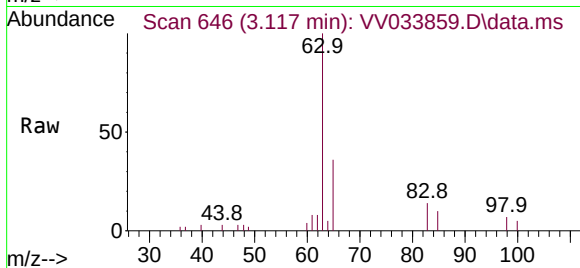
Tgt Ion: 63 Resp: 13187

Ion Ratio Lower Upper

63 100

65 35.9 20.8 38.6

83 13.9 9.4 17.4



#21

2-Butanone

Concen: 1.476 ug/L

RT: 3.937 min Scan# 901

Delta R.T. 0.029 min

Lab File: VV033859.D

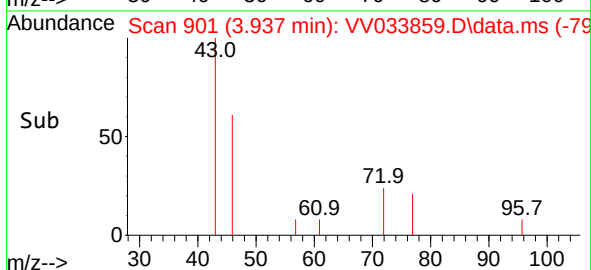
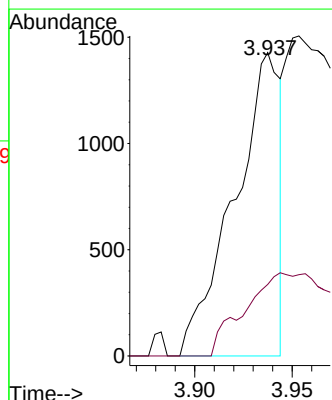
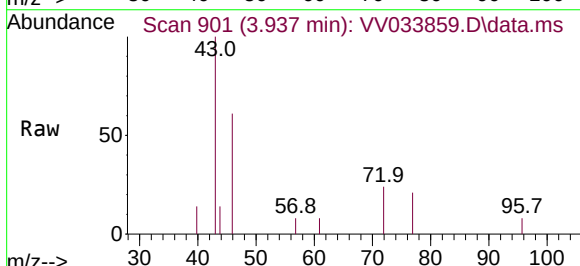
Acq: 25 Jan 2024 09:34

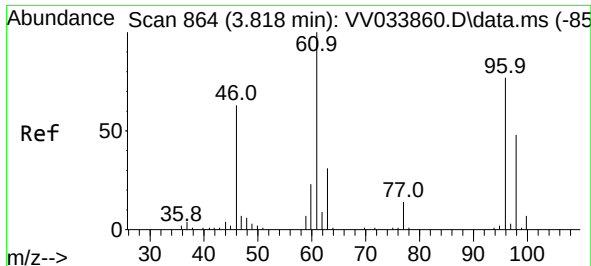
Tgt Ion: 43 Resp: 2330

Ion Ratio Lower Upper

43 100

72 28.9 4.0 11.9#





#22

cis-1,2-Dichloroethene

Concen: 0.921 ug/L

RT: 3.825 min Scan# 80

Delta R.T. 0.006 min

Lab File: VV033859.D

Acq: 25 Jan 2024 09:34

Instrument :

MSVOA_V

ClientSampleId :

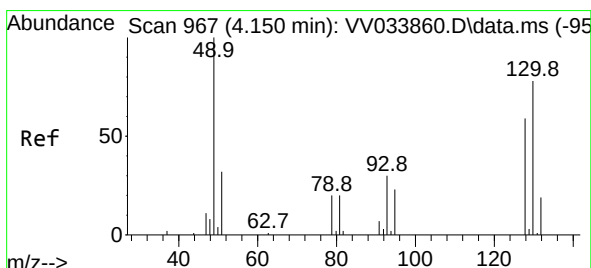
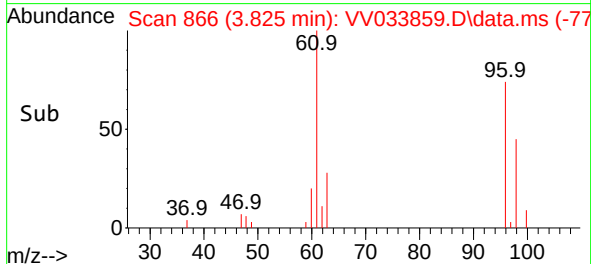
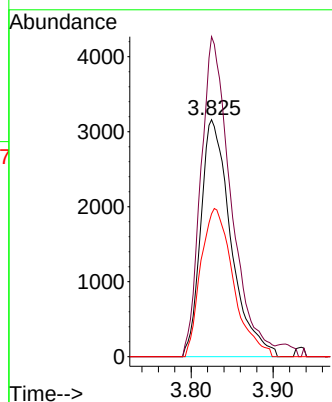
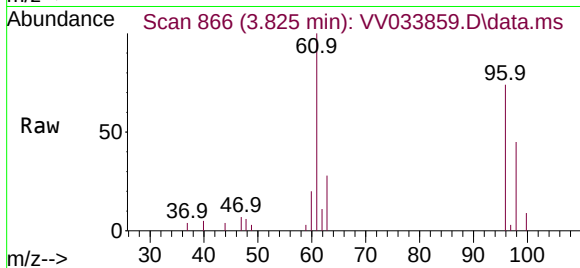
Tgt Ion: 96 Resp: 8054

Ion Ratio Lower Upper

96 100

61 135.1 90.3 167.7

98 60.3 43.2 80.2



#23

Bromochloromethane

Concen: 0.882 ug/L

RT: 4.153 min Scan# 968

Delta R.T. 0.003 min

Lab File: VV033859.D

Acq: 25 Jan 2024 09:34

Tgt Ion: 128 Resp: 2821

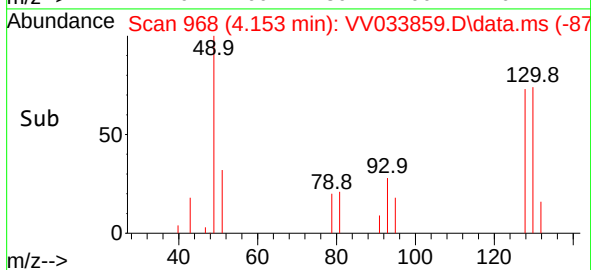
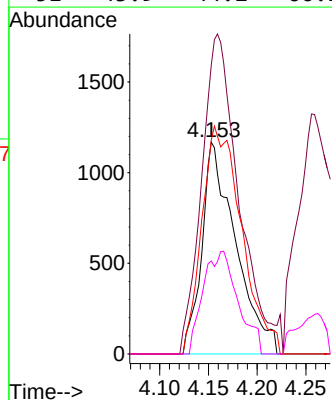
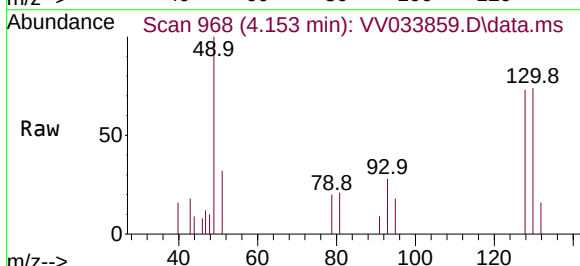
Ion Ratio Lower Upper

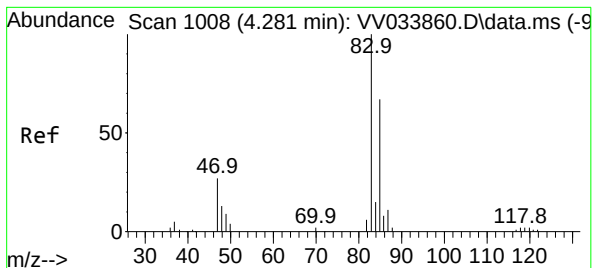
128 100

49 136.3 120.5 223.7

130 100.9 93.4 173.4

51 43.9 44.2 66.2#





#25

Chloroform

Concen: 0.889 ug/L

RT: 4.285 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV033859.D

Acq: 25 Jan 2024 09:34

Instrument :

MSVOA_V

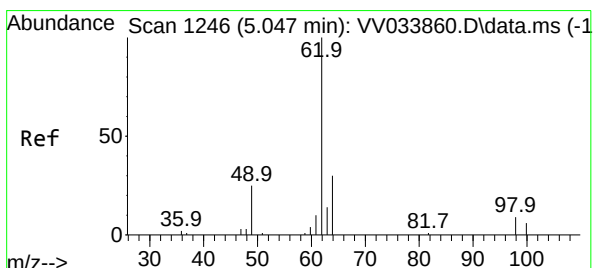
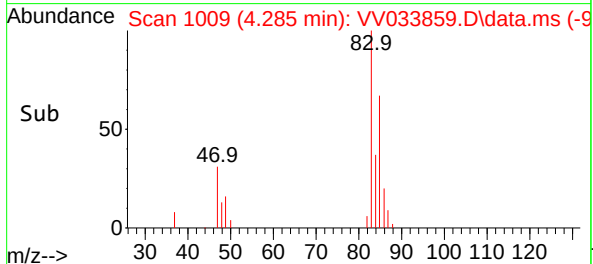
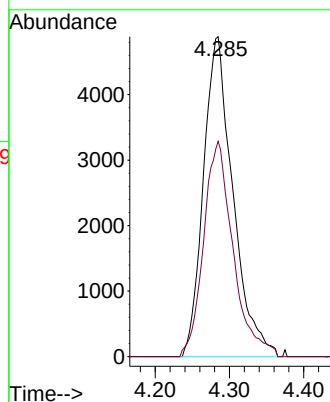
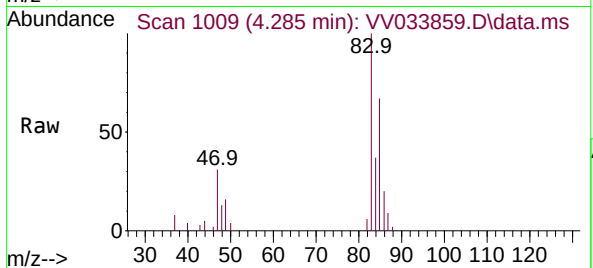
ClientSampleId :

Tgt Ion: 83 Resp: 13462

Ion Ratio Lower Upper

83 100

85 67.3 47.5 88.1



#27

1,2-Dichloroethane

Concen: 0.861 ug/L

RT: 5.050 min Scan# 1247

Delta R.T. 0.003 min

Lab File: VV033859.D

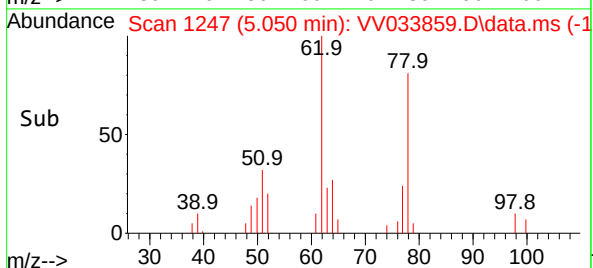
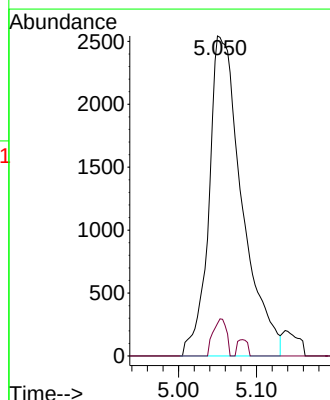
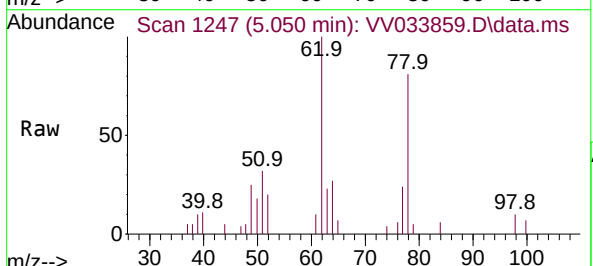
Acq: 25 Jan 2024 09:34

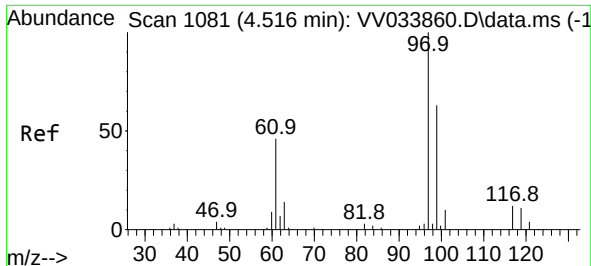
Tgt Ion: 62 Resp: 7497

Ion Ratio Lower Upper

62 100

98 10.1 6.9 10.3





#29

1,1,1-Trichloroethane

Concen: 0.911 ug/L

RT: 4.519 min Scan# 1108

Delta R.T. 0.003 min

Lab File: VV033859.D

Acq: 25 Jan 2024 09:34

Instrument :

MSVOA_V

ClientSampleId :

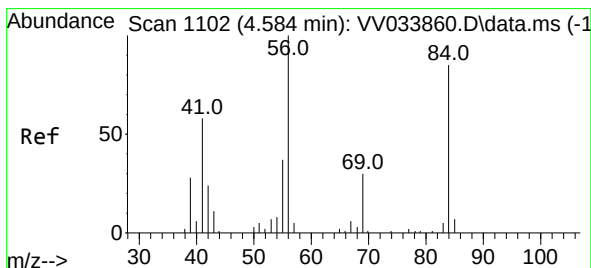
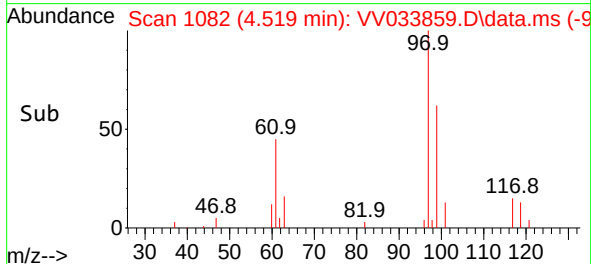
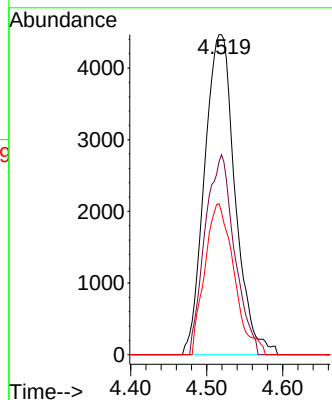
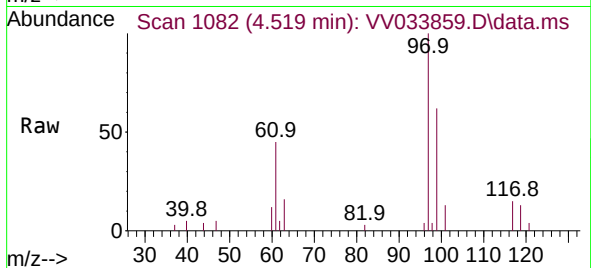
Tgt Ion: 97 Resp: 12488

Ion Ratio Lower Upper

97 100

99 59.9 50.6 75.8

61 45.0 36.8 55.2



#30

Cyclohexane

Concen: 0.783 ug/L

RT: 4.584 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VV033859.D

Acq: 25 Jan 2024 09:34

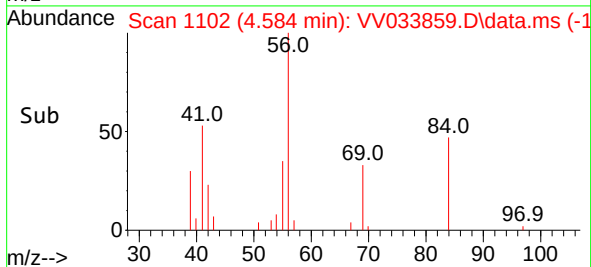
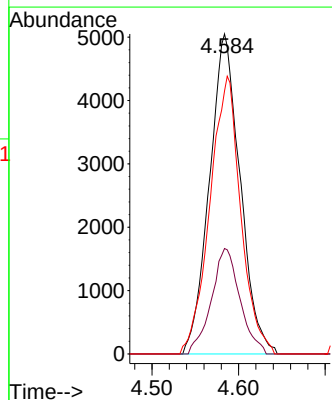
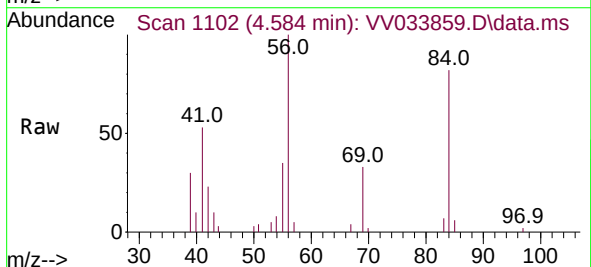
Tgt Ion: 56 Resp: 12418

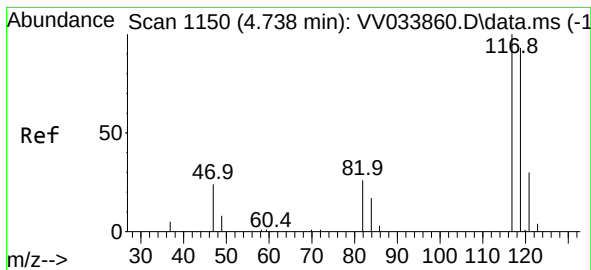
Ion Ratio Lower Upper

56 100

69 30.7 24.2 36.2

84 87.1 70.0 105.0





#31

Carbon tetrachloride

Concen: 0.918 ug/L

RT: 4.735 min Scan# 1149

Delta R.T. -0.003 min

Lab File: VV033859.D

Acq: 25 Jan 2024 09:34

Instrument :

MSVOA_V

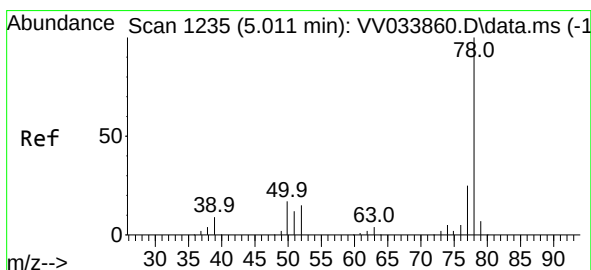
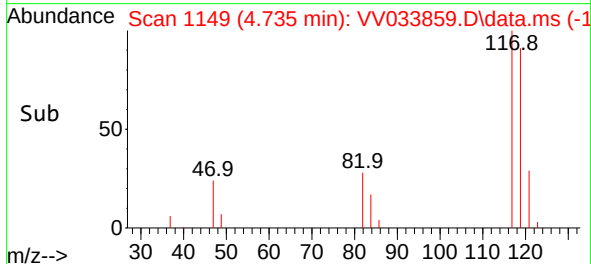
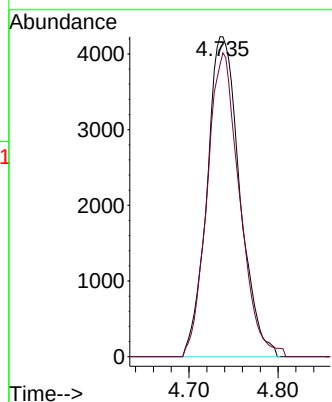
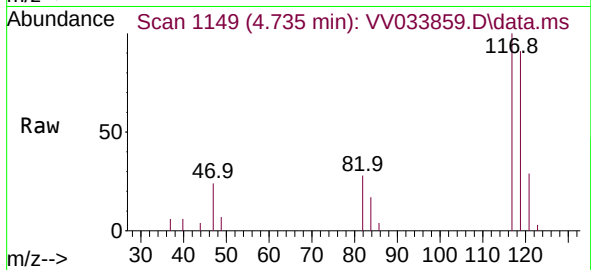
ClientSampleId :

Tgt Ion:117 Resp: 10814

Ion Ratio Lower Upper

117 100

119 93.8 76.1 114.1



#33

Benzene

Concen: 0.826 ug/L

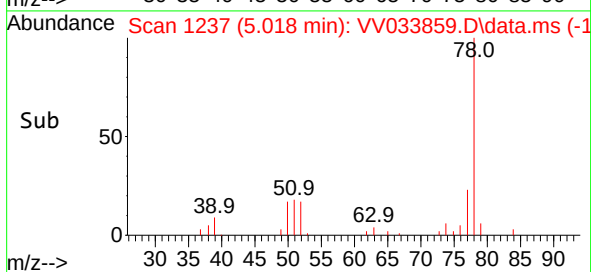
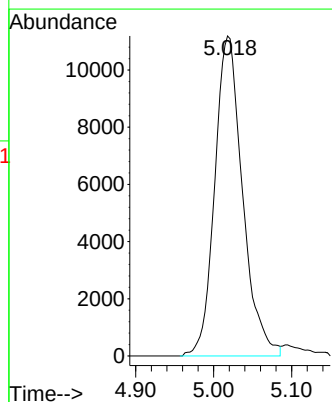
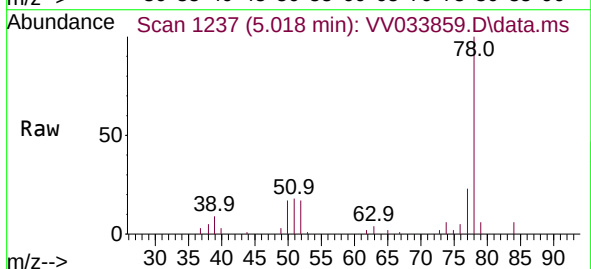
RT: 5.018 min Scan# 1237

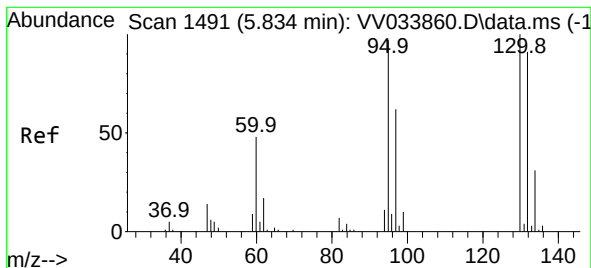
Delta R.T. 0.006 min

Lab File: VV033859.D

Acq: 25 Jan 2024 09:34

Tgt Ion: 78 Resp: 27729





#34

Trichloroethene

Concen: 0.922 ug/L

RT: 5.841 min Scan# 1493

Delta R.T. 0.006 min

Lab File: VV033859.D

Acq: 25 Jan 2024 09:34

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 8317

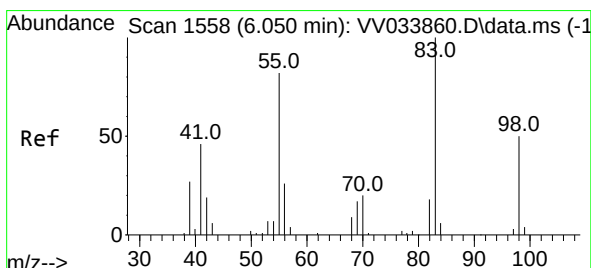
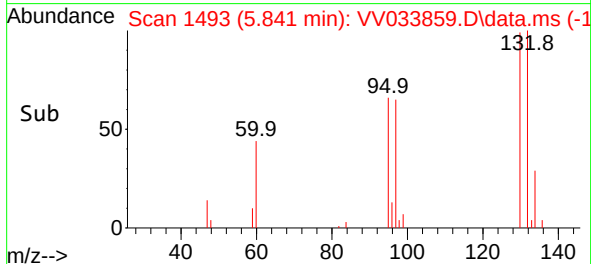
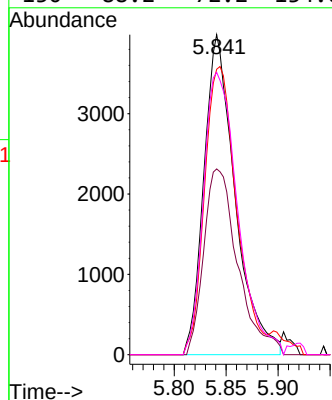
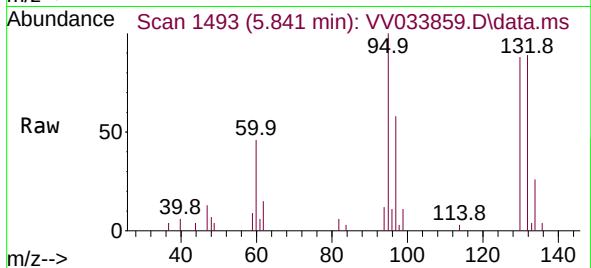
Ion Ratio Lower Upper

95 100

97 58.0 45.1 83.7

132 89.2 66.0 122.6

130 88.2 72.2 134.0



#35

Methylcyclohexane

Concen: 0.854 ug/L

RT: 6.050 min Scan# 1558

Delta R.T. -0.000 min

Lab File: VV033859.D

Acq: 25 Jan 2024 09:34

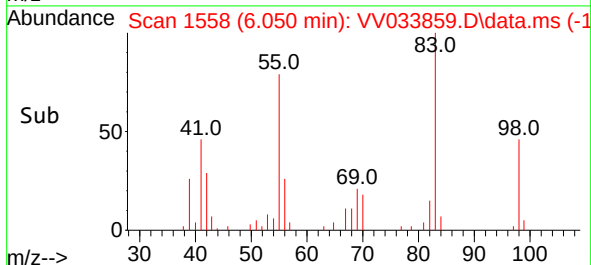
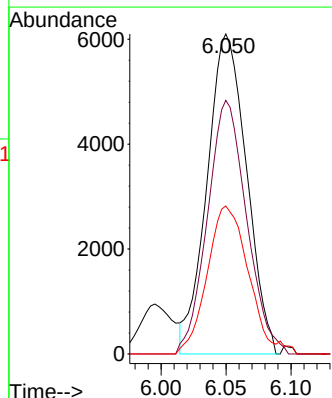
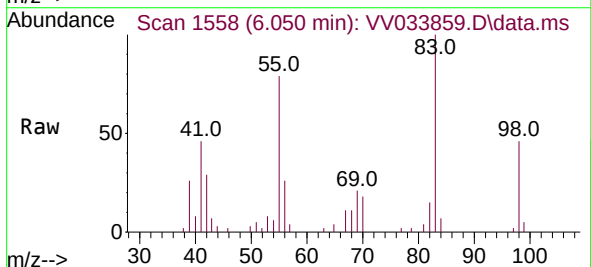
Tgt Ion: 83 Resp: 12921

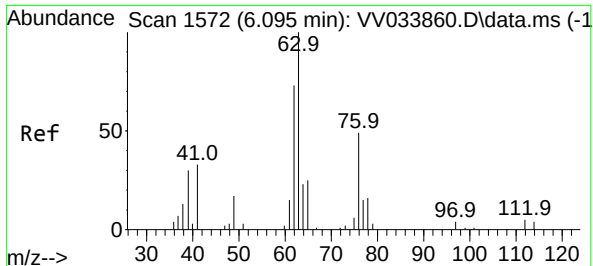
Ion Ratio Lower Upper

83 100

55 78.4 63.5 95.3

98 48.4 39.0 58.4





#37

1,2-Dichloropropane

Concen: 0.820 ug/L

RT: 6.098 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV033859.D

Acq: 25 Jan 2024 09:34

Instrument :

MSVOA_V

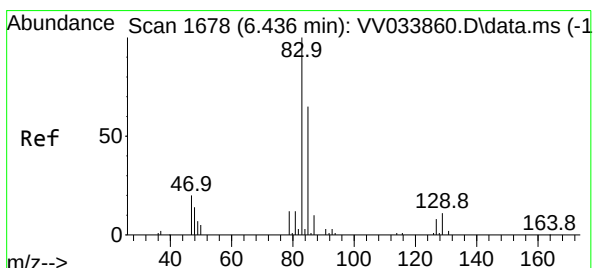
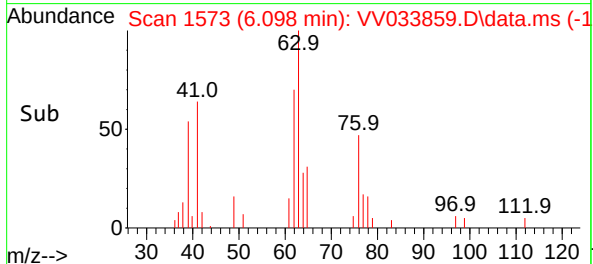
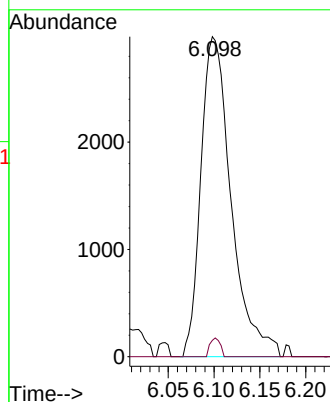
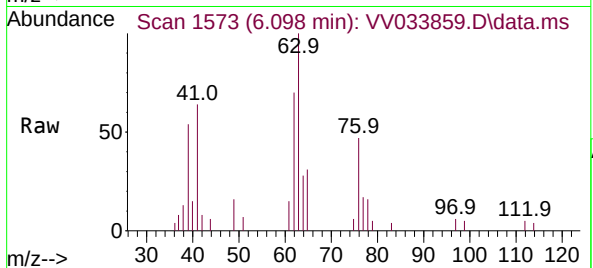
ClientSampleId :

Tgt Ion: 63 Resp: 6861

Ion Ratio Lower Upper

63 100

112 2.0 3.4 5.0#



#38

Bromodichloromethane

Concen: 0.862 ug/L

RT: 6.439 min Scan# 1679

Delta R.T. 0.003 min

Lab File: VV033859.D

Acq: 25 Jan 2024 09:34

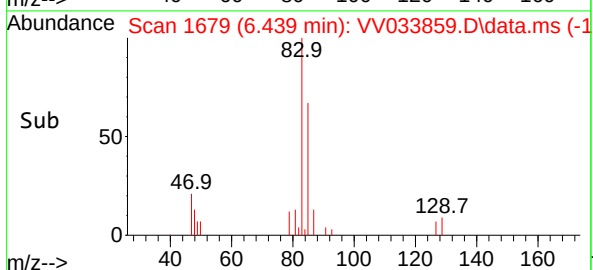
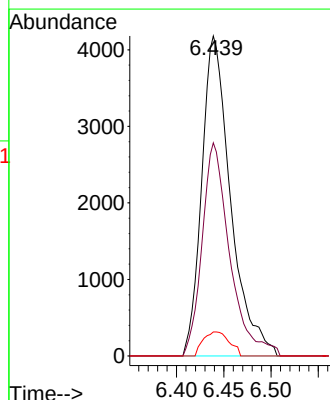
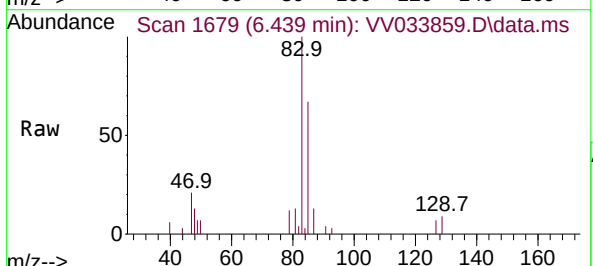
Tgt Ion: 83 Resp: 8870

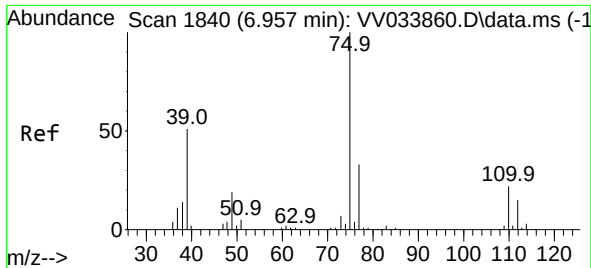
Ion Ratio Lower Upper

83 100

85 66.6 45.4 84.2

127 7.5 6.5 9.7





#39

cis-1,3-Dichloropropene

Concen: 0.817 ug/L

RT: 6.969 min Scan# 11

Delta R.T. 0.013 min

Lab File: VV033859.D

Acq: 25 Jan 2024 09:34

Instrument :

MSVOA_V

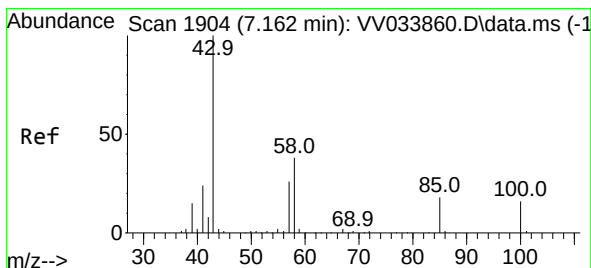
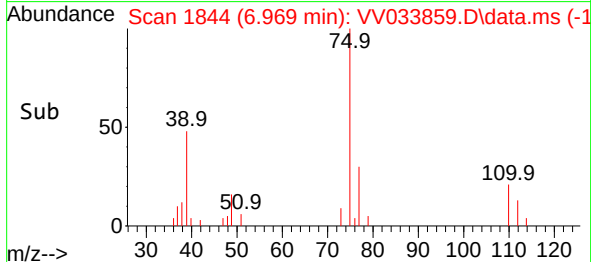
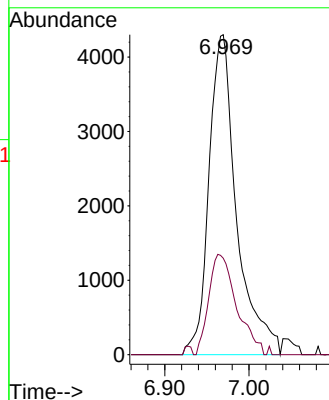
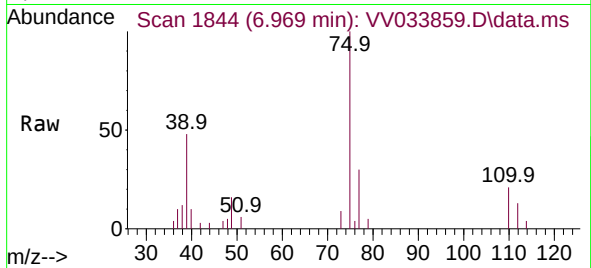
ClientSampleId :

Tgt Ion: 75 Resp: 9811

Ion Ratio Lower Upper

75 100

77 30.2 22.9 42.5



#40

4-Methyl-2-pentanone

Concen: 8.175 ug/L

RT: 7.169 min Scan# 1906

Delta R.T. 0.006 min

Lab File: VV033859.D

Acq: 25 Jan 2024 09:34

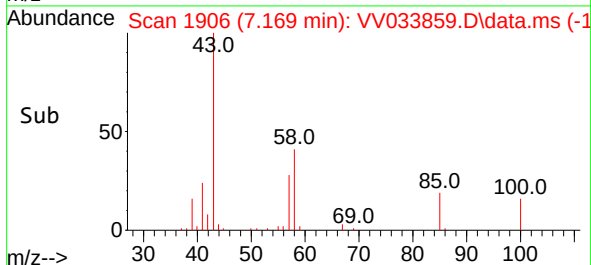
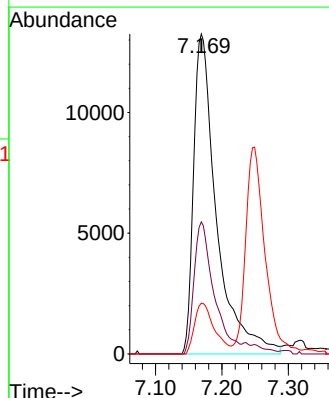
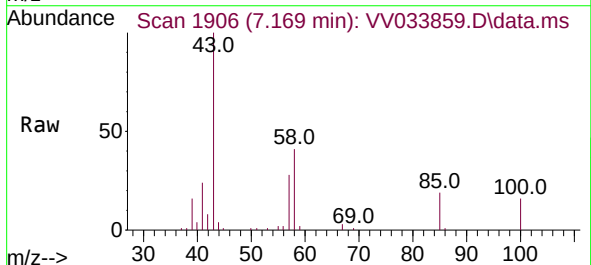
Tgt Ion: 43 Resp: 31790

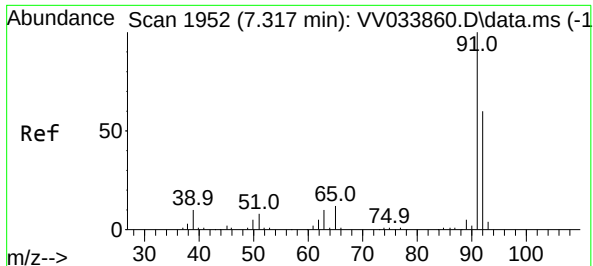
Ion Ratio Lower Upper

43 100

58 35.9 30.2 45.2

100 13.9 12.1 18.1





#42

Toluene

Concen: 0.842 ug/L

RT: 7.320 min Scan# 1952

Delta R.T. 0.003 min

Lab File: VV033859.D

Acq: 25 Jan 2024 09:34

Instrument :

MSVOA_V

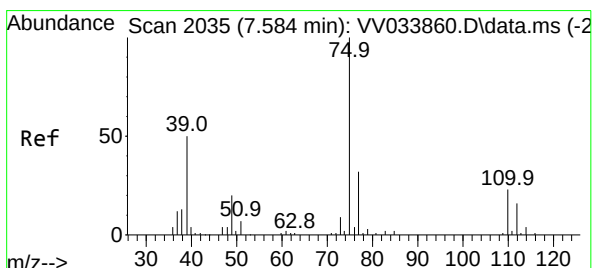
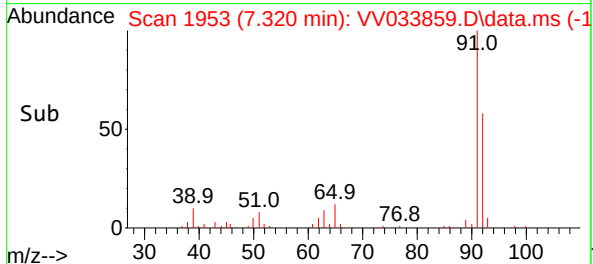
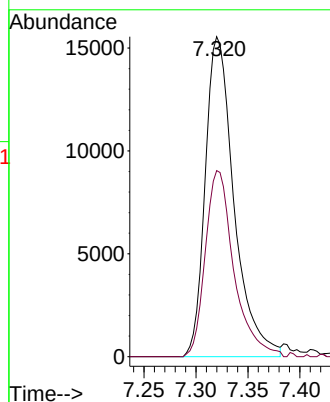
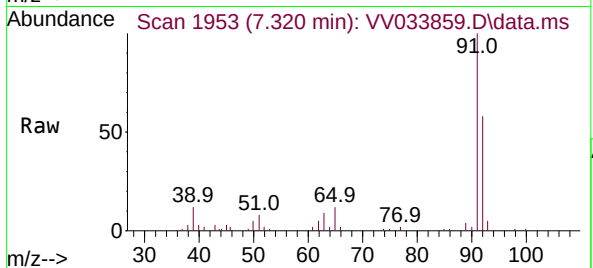
ClientSampleId :

Tgt Ion: 91 Resp: 29938

Ion Ratio Lower Upper

91 100

92 58.2 42.1 78.3



#44

trans-1,3-Dichloropropene

Concen: 0.755 ug/L

RT: 7.593 min Scan# 2038

Delta R.T. 0.010 min

Lab File: VV033859.D

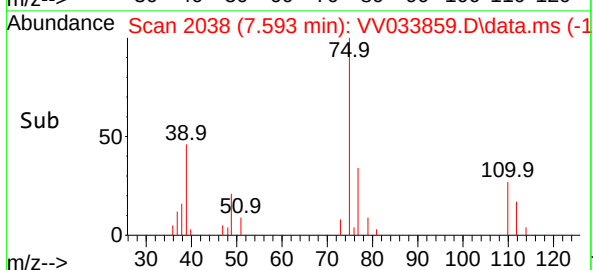
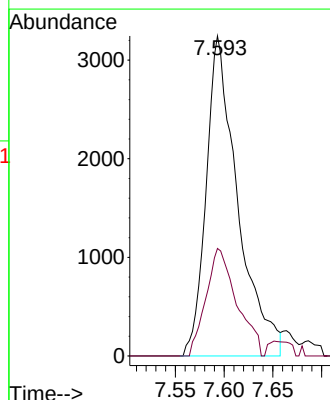
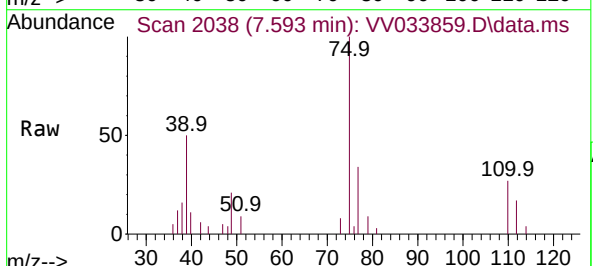
Acq: 25 Jan 2024 09:34

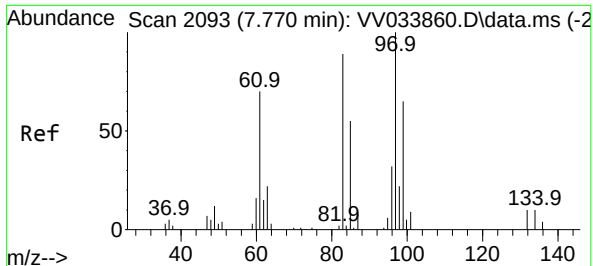
Tgt Ion: 75 Resp: 7309

Ion Ratio Lower Upper

75 100

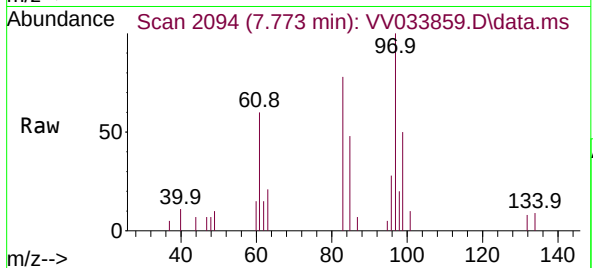
77 33.6 22.2 41.2



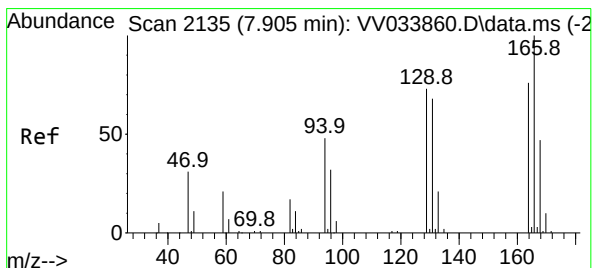
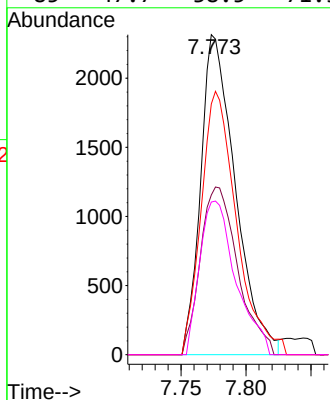
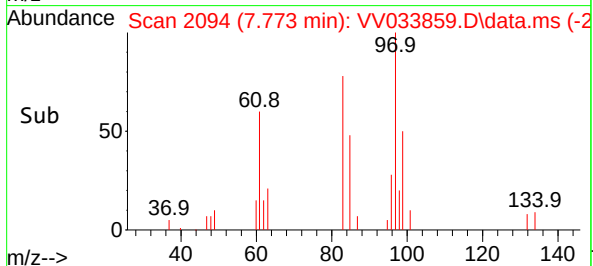


#45
1,1,2-Trichloroethane
Concen: 0.912 ug/L
RT: 7.773 min Scan# 2093
Delta R.T. 0.003 min
Lab File: VV033859.D
Acq: 25 Jan 2024 09:34

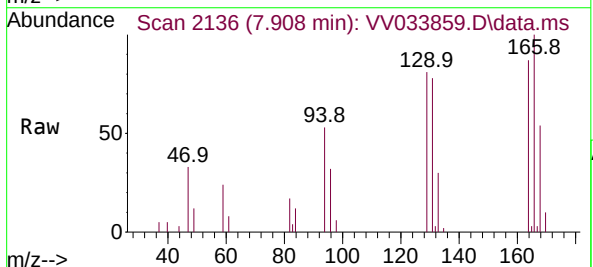
Instrument :
MSVOA_V
ClientSampleId :



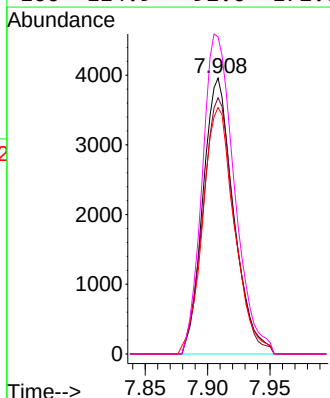
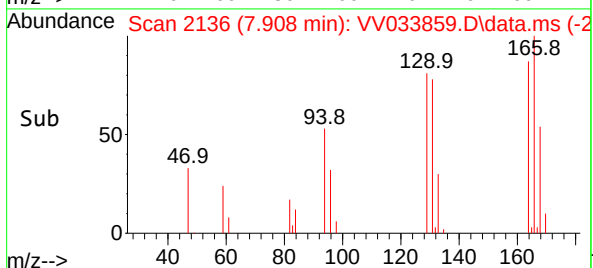
Tgt Ion:	97	Resp:	4297
Ion	Ratio	Lower	Upper
97	100		
99	49.9	45.6	84.6
83	78.4	62.3	115.7
85	47.7	38.5	71.5

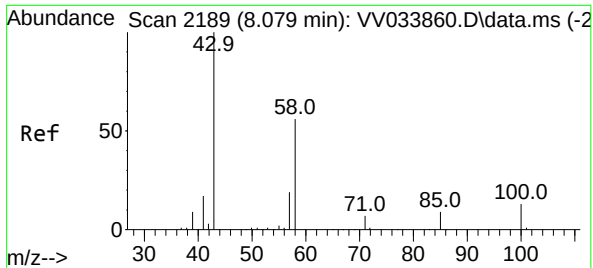


#47
Tetrachloroethene
Concen: 1.027 ug/L
RT: 7.908 min Scan# 2136
Delta R.T. 0.003 min
Lab File: VV033859.D
Acq: 25 Jan 2024 09:34



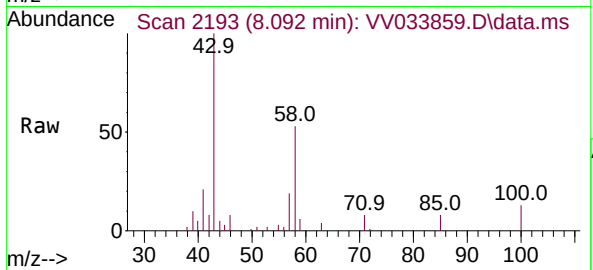
Tgt Ion:	164	Resp:	6765
Ion	Ratio	Lower	Upper
164	100		
129	92.8	67.8	125.8
131	89.3	63.0	117.0
166	114.9	92.6	172.0





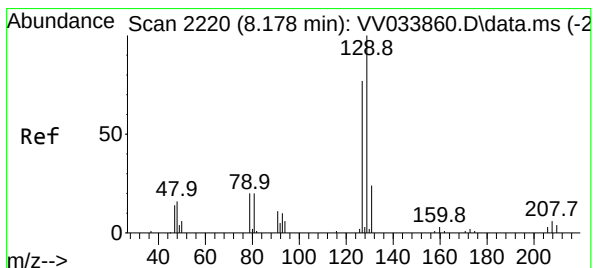
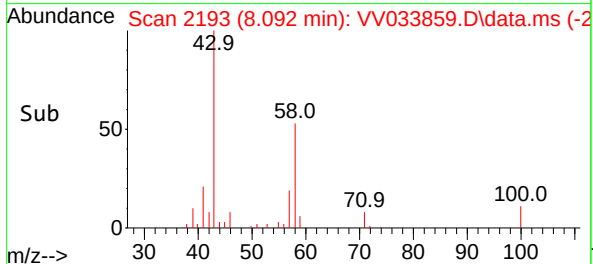
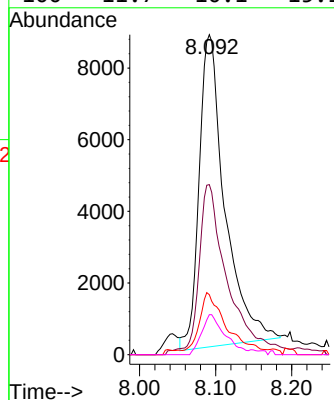
#48
2-Hexanone
Concen: 7.174 ug/L
RT: 8.092 min Scan# 2189
Delta R.T. 0.013 min
Lab File: VV033859.D
Acq: 25 Jan 2024 09:34

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 43 Resp: 20479

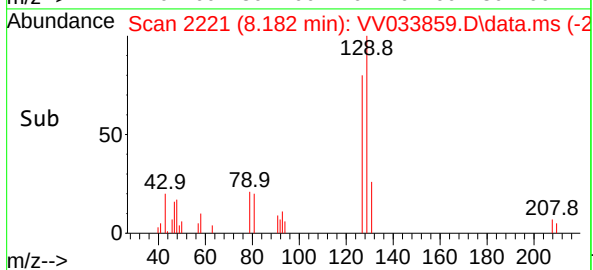
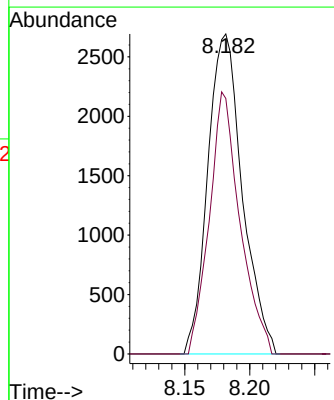
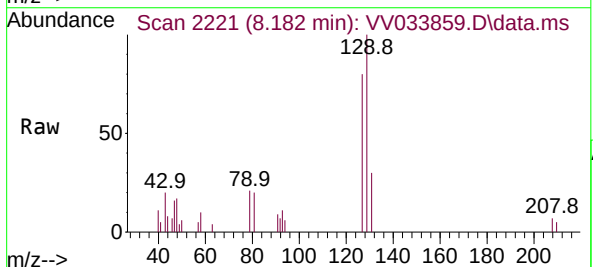
Ion	Ratio	Lower	Upper
43	100		
58	60.8	42.6	64.0
57	21.7	15.5	23.3
100	11.7	10.1	15.1

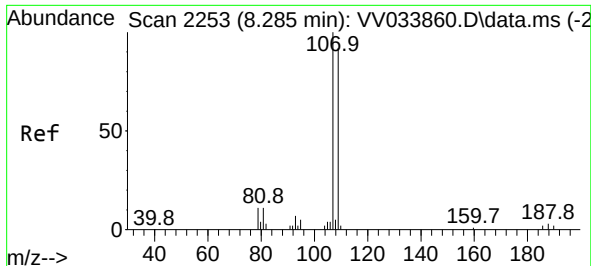


#49
Dibromochloromethane
Concen: 0.852 ug/L
RT: 8.182 min Scan# 2221
Delta R.T. 0.003 min
Lab File: VV033859.D
Acq: 25 Jan 2024 09:34

Tgt Ion: 129 Resp: 4980

Ion	Ratio	Lower	Upper
129	100		
127	79.8	53.5	99.5





#50

1,2-Dibromoethane

Concen: 0.881 ug/L

RT: 8.288 min Scan# 21

Delta R.T. 0.003 min

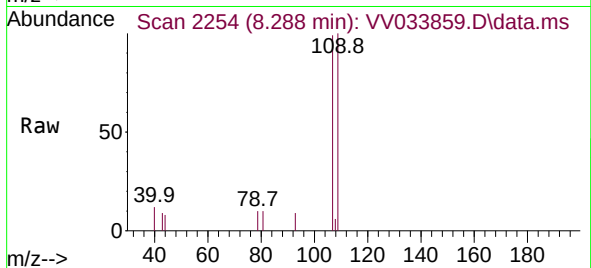
Lab File: VV033859.D

Acq: 25 Jan 2024 09:34

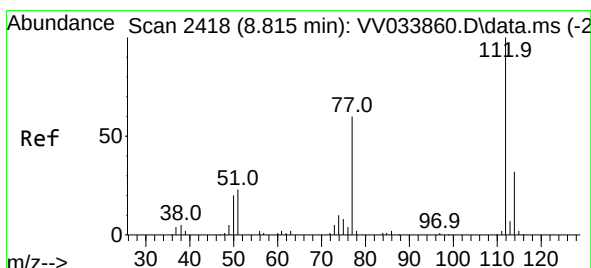
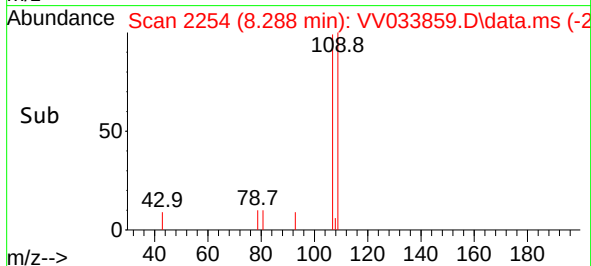
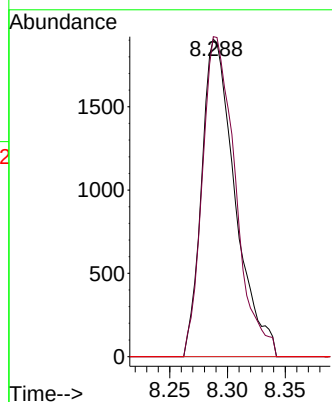
Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:	107	Resp:	3837
Ion	Ratio	Lower	Upper
107	100		
109	100.8	64.5	119.9
188	0.0	2.6	4.0#



#51

Chlorobenzene

Concen: 0.868 ug/L

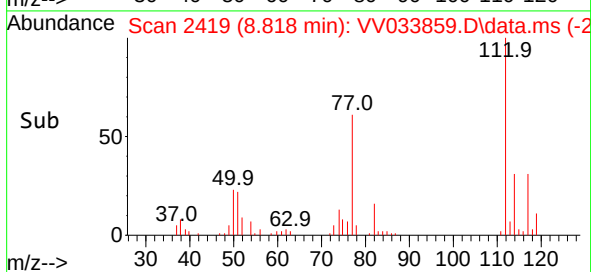
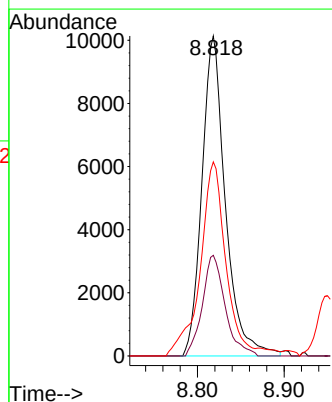
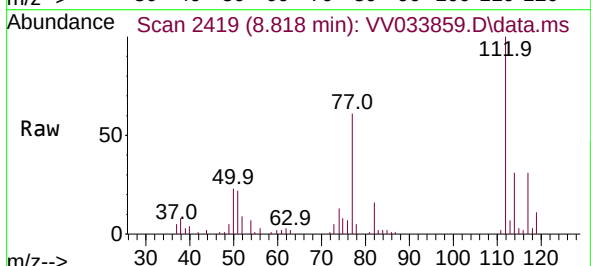
RT: 8.818 min Scan# 2419

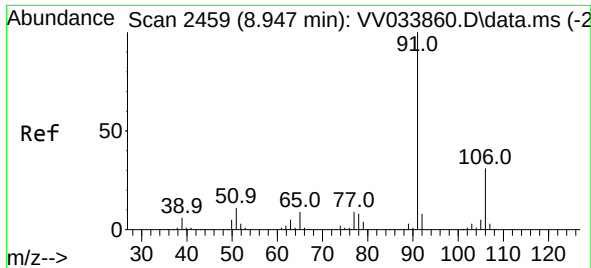
Delta R.T. 0.003 min

Lab File: VV033859.D

Acq: 25 Jan 2024 09:34

Tgt Ion:	112	Resp:	19085
Ion	Ratio	Lower	Upper
112	100		
114	31.4	22.5	41.7
77	60.6	48.1	72.1

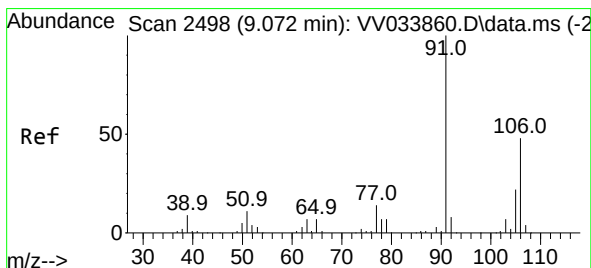
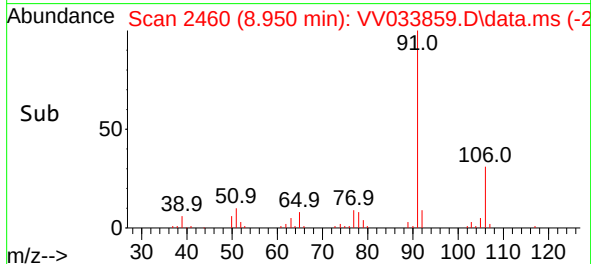
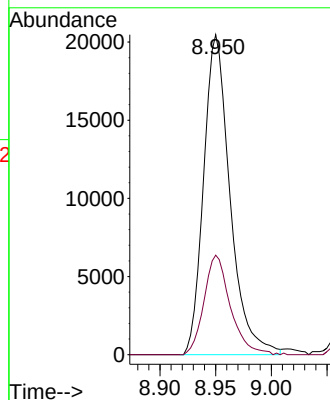
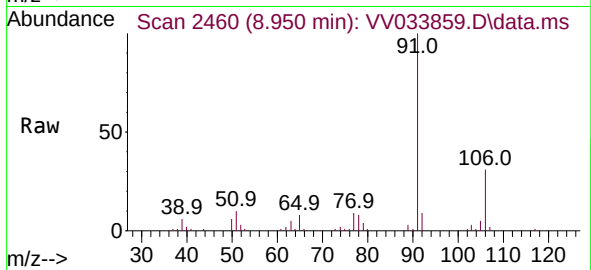




#52
Ethylbenzene
Concen: 0.819 ug/L
RT: 8.950 min Scan# 2459
Delta R.T. 0.003 min
Lab File: VV033859.D
Acq: 25 Jan 2024 09:34

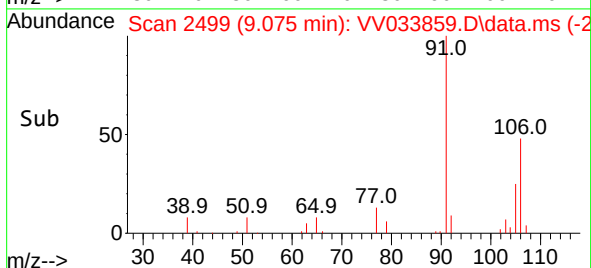
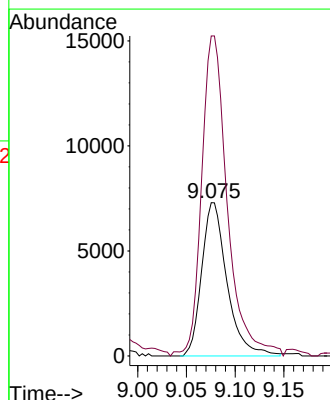
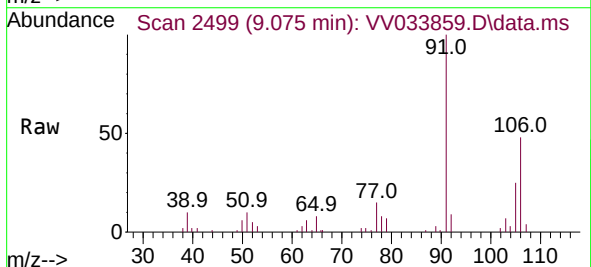
Instrument :
MSVOA_V
ClientSampleId :

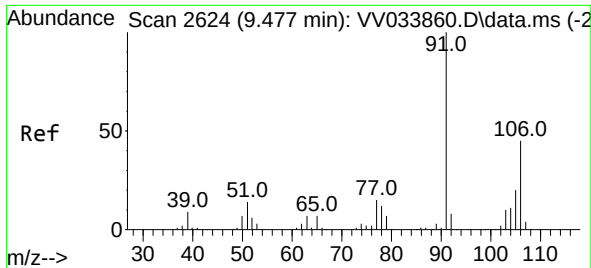
Tgt Ion: 91 Resp: 33794
Ion Ratio Lower Upper
91 100
106 31.1 21.4 39.8



#53
m,p-Xylene
Concen: 0.865 ug/L
RT: 9.075 min Scan# 2499
Delta R.T. 0.003 min
Lab File: VV033859.D
Acq: 25 Jan 2024 09:34

Tgt Ion: 106 Resp: 13205
Ion Ratio Lower Upper
106 100
91 208.8 147.5 273.9

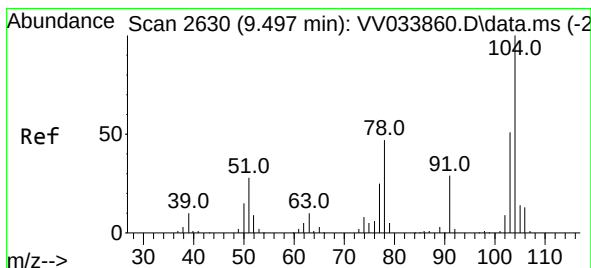
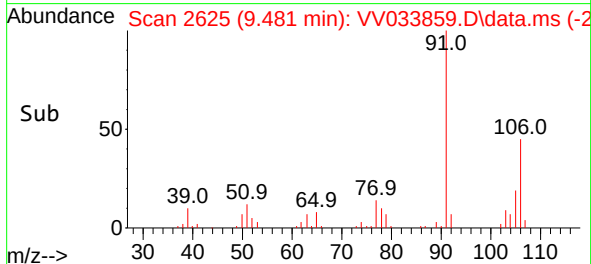
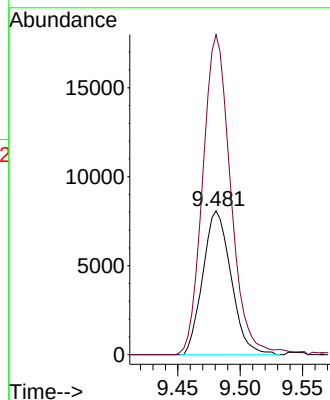
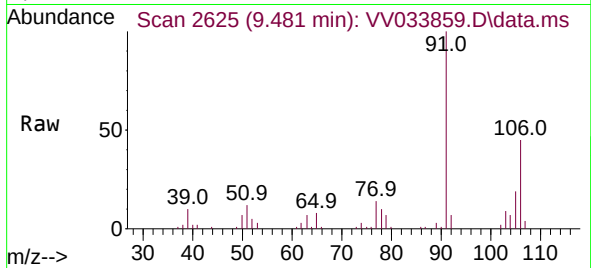




#54
o-Xylene
Concen: 0.859 ug/L
RT: 9.481 min Scan# 2625
Delta R.T. 0.003 min
Lab File: VV033859.D
Acq: 25 Jan 2024 09:34

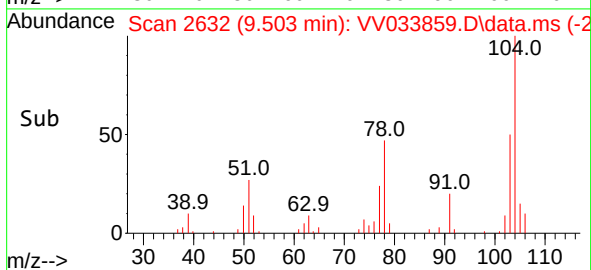
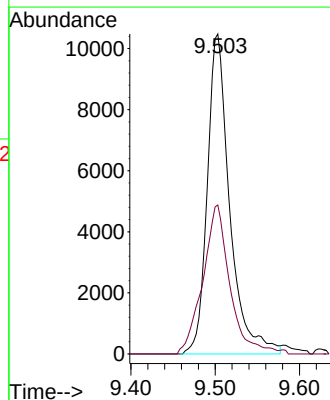
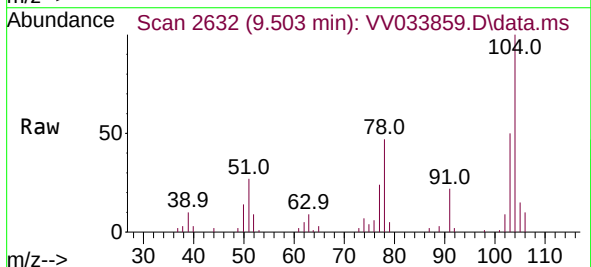
Instrument :
MSVOA_V
ClientSampleId :

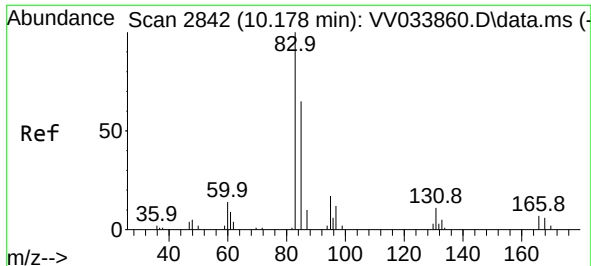
Tgt Ion:106 Resp: 12724
Ion Ratio Lower Upper
106 100
91 222.5 156.2 290.0



#55
Styrene
Concen: 0.816 ug/L
RT: 9.503 min Scan# 2632
Delta R.T. 0.006 min
Lab File: VV033859.D
Acq: 25 Jan 2024 09:34

Tgt Ion:104 Resp: 19392
Ion Ratio Lower Upper
104 100
78 46.6 32.9 61.1





#57

1,1,2,2-Tetrachloroethane

Concen: 0.826 ug/L

RT: 10.182 min Scan# 2842

Delta R.T. 0.003 min

Lab File: VV033859.D

Acq: 25 Jan 2024 09:34

Instrument :

MSVOA_V

ClientSampleId :

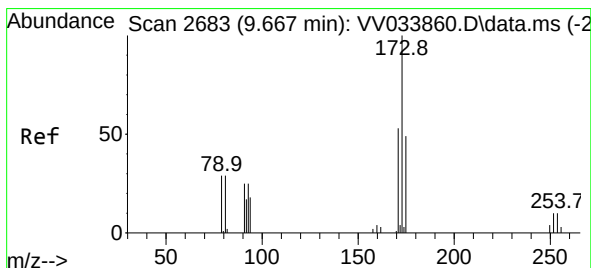
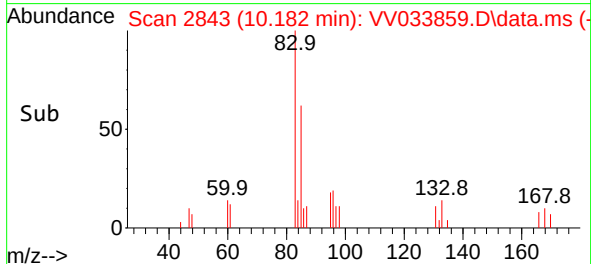
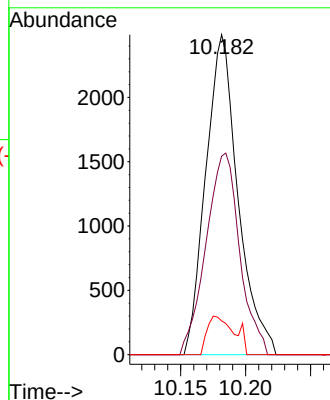
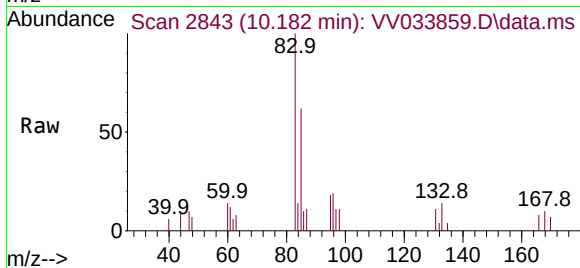
Tgt Ion: 83 Resp: 4281

Ion Ratio Lower Upper

83 100

85 62.1 46.5 86.3

131 10.5 8.4 12.6



#59

Bromoform

Concen: 0.822 ug/L

RT: 9.670 min Scan# 2684

Delta R.T. 0.003 min

Lab File: VV033859.D

Acq: 25 Jan 2024 09:34

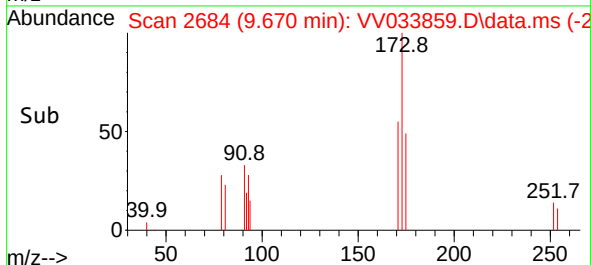
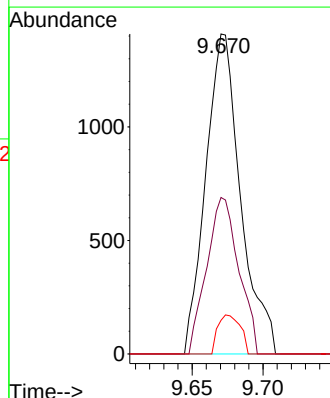
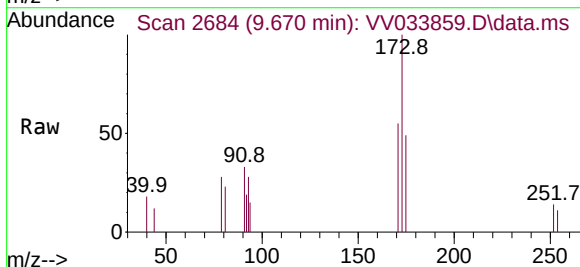
Tgt Ion: 173 Resp: 2406

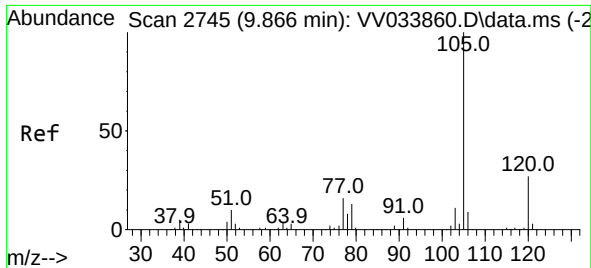
Ion Ratio Lower Upper

173 100

175 45.1 38.6 57.8

254 7.9 7.2 10.8

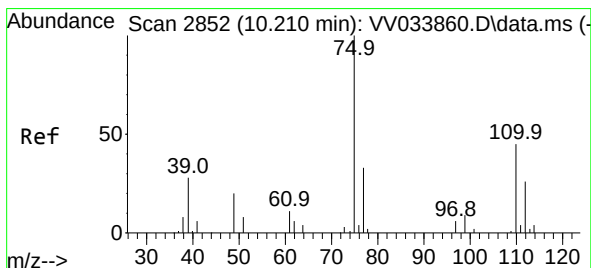
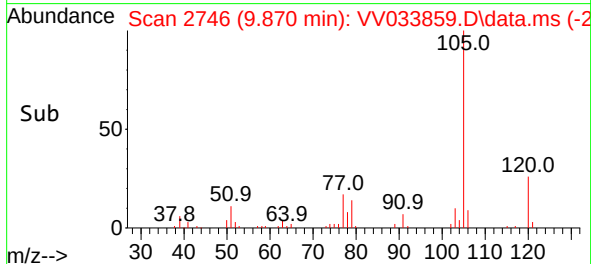
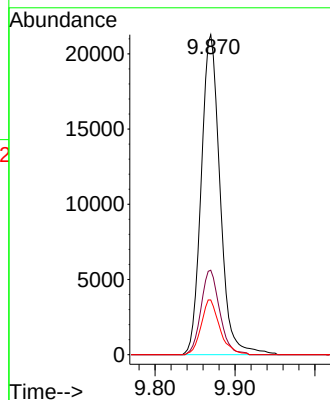
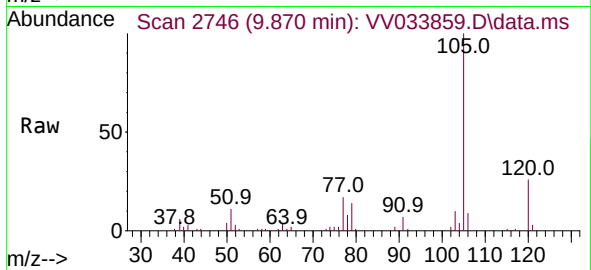




#60
Isopropylbenzene
Concen: 0.906 ug/L
RT: 9.870 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV033859.D
Acq: 25 Jan 2024 09:34

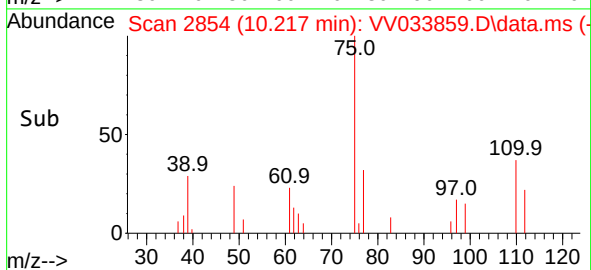
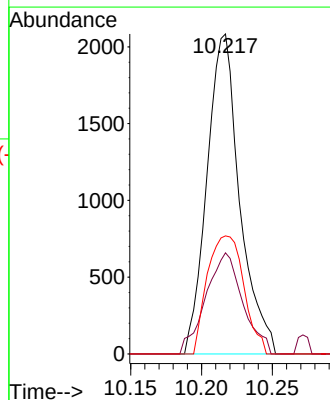
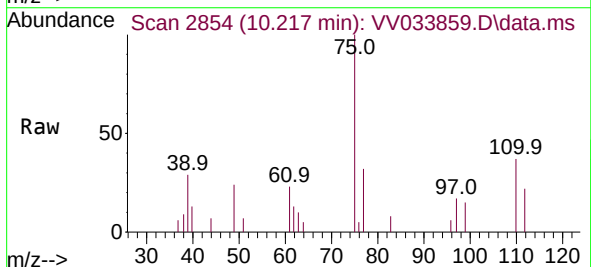
Instrument :
MSVOA_V
ClientSampleId :

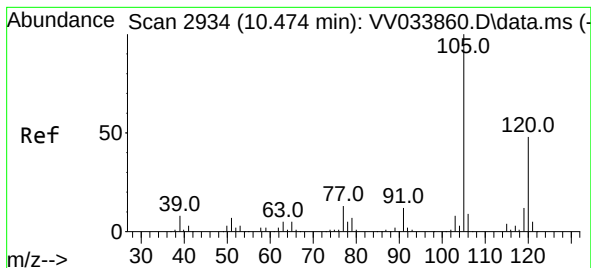
Tgt Ion:105 Resp: 34932
Ion Ratio Lower Upper
105 100
120 26.2 20.7 31.1
77 16.9 13.0 19.6



#61
1,2,3-Trichloropropane
Concen: 0.871 ug/L
RT: 10.217 min Scan# 2854
Delta R.T. 0.006 min
Lab File: VV033859.D
Acq: 25 Jan 2024 09:34

Tgt Ion: 75 Resp: 3347
Ion Ratio Lower Upper
75 100
77 35.7 26.9 40.3
110 41.1 33.3 49.9





#62

1,3,5-Trimethylbenzene

Concen: 0.889 ug/L

RT: 10.477 min Scan# 2934

Delta R.T. 0.003 min

Lab File: VV033859.D

Acq: 25 Jan 2024 09:34

Instrument :

MSVOA_V

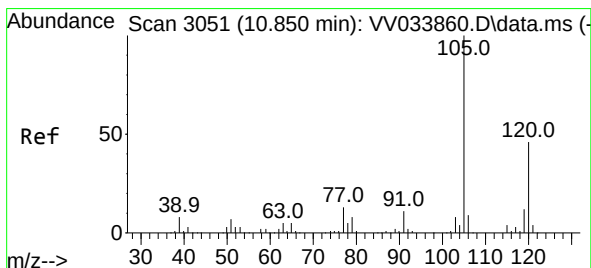
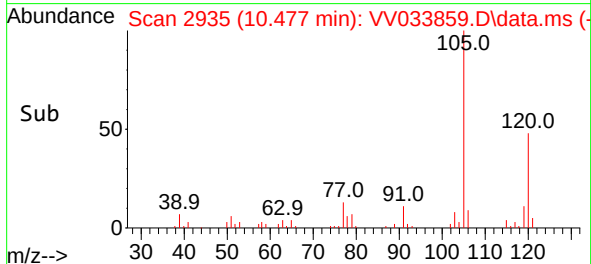
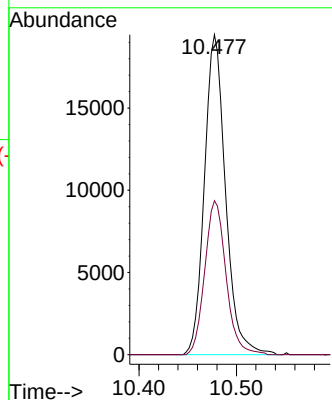
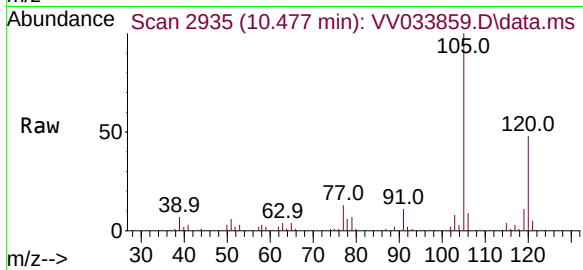
ClientSampleId :

Tgt Ion:105 Resp: 29349

Ion Ratio Lower Upper

105 100

120 48.5 38.2 57.4



#63

1,2,4-Trimethylbenzene

Concen: 0.853 ug/L

RT: 10.854 min Scan# 3052

Delta R.T. 0.003 min

Lab File: VV033859.D

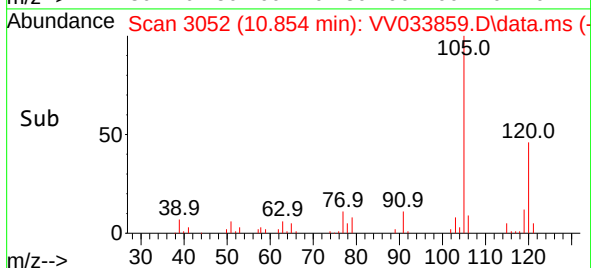
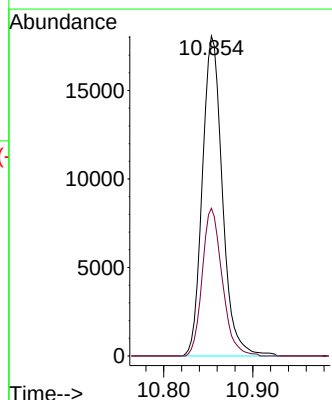
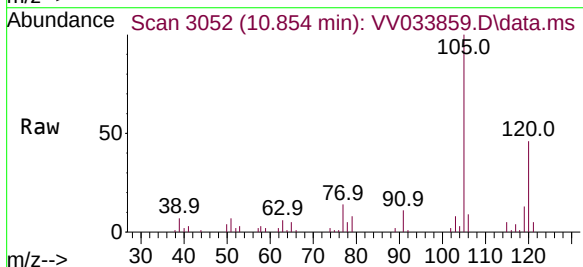
Acq: 25 Jan 2024 09:34

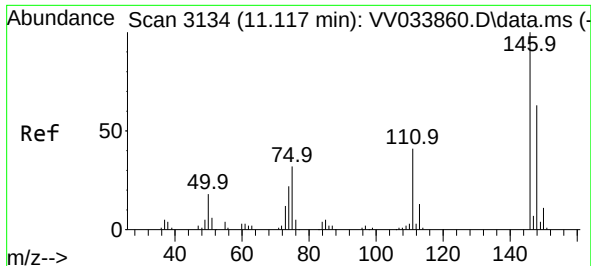
Tgt Ion:105 Resp: 28233

Ion Ratio Lower Upper

105 100

120 46.0 36.2 54.2

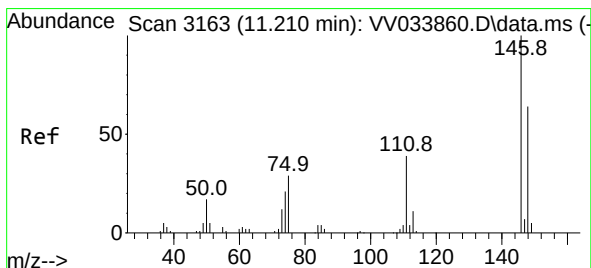
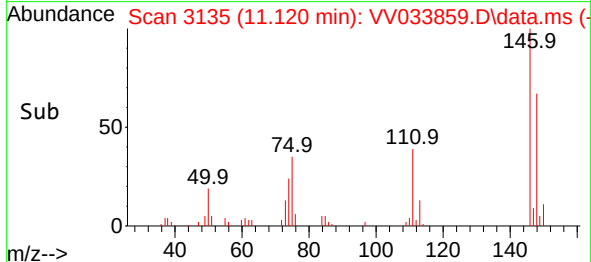
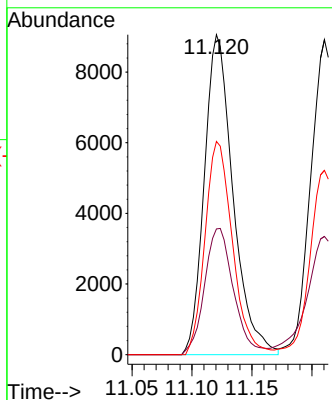
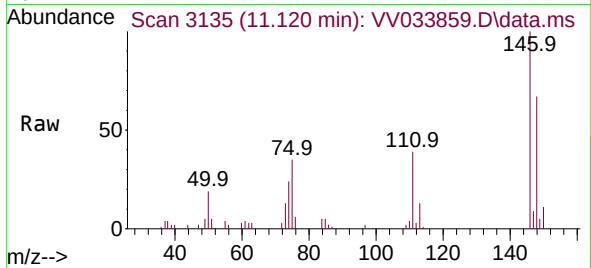




#64
1,3-Dichlorobenzene
Concen: 0.889 ug/L
RT: 11.120 min Scan# 3134
Delta R.T. 0.003 min
Lab File: VV033859.D
Acq: 25 Jan 2024 09:34

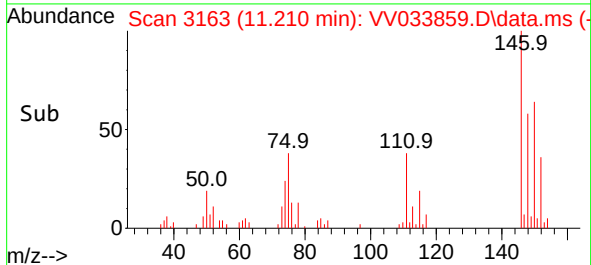
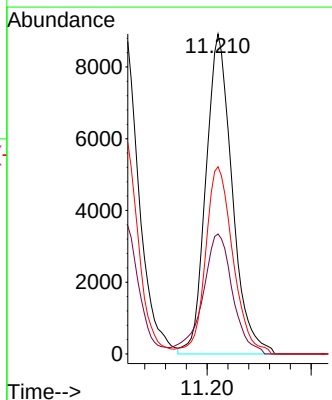
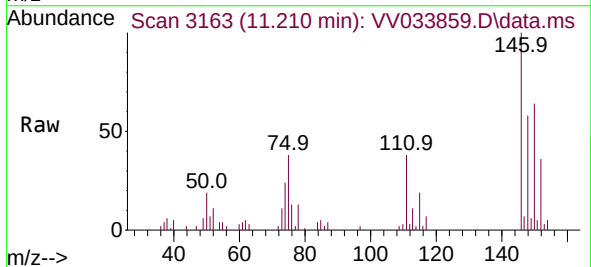
Instrument :
MSVOA_V
ClientSampleId :

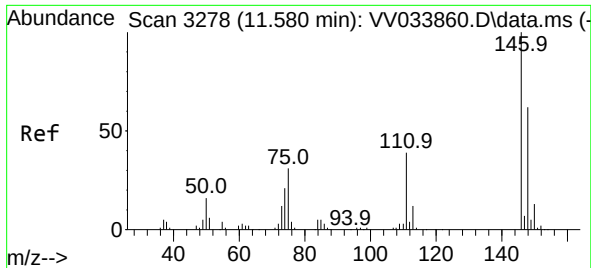
Tgt Ion:146 Resp: 15063
Ion Ratio Lower Upper
146 100
111 39.3 28.5 52.9
148 66.6 44.4 82.4



#65
1,4-Dichlorobenzene
Concen: 0.938 ug/L
RT: 11.210 min Scan# 3163
Delta R.T. -0.000 min
Lab File: VV033859.D
Acq: 25 Jan 2024 09:34

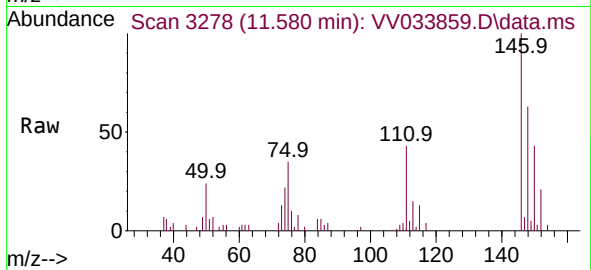
Tgt Ion:146 Resp: 15634
Ion Ratio Lower Upper
146 100
111 37.5 27.6 51.4
148 58.5 44.8 83.2



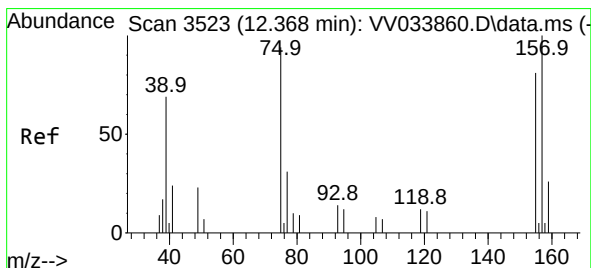
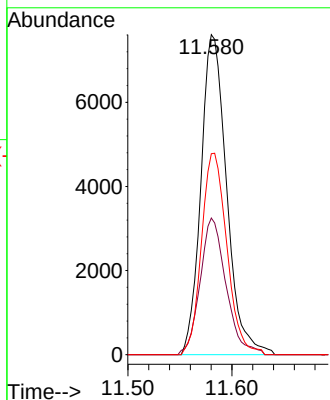
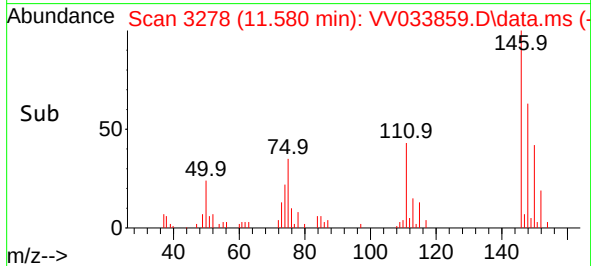


#67
1,2-Dichlorobenzene
Concen: 0.884 ug/L
RT: 11.580 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV033859.D
Acq: 25 Jan 2024 09:34

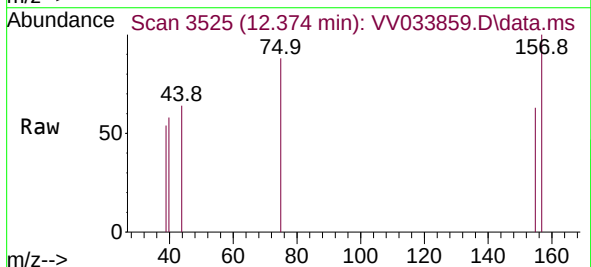
Instrument :
MSVOA_V
ClientSampleId :



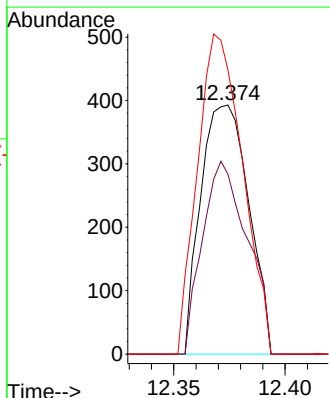
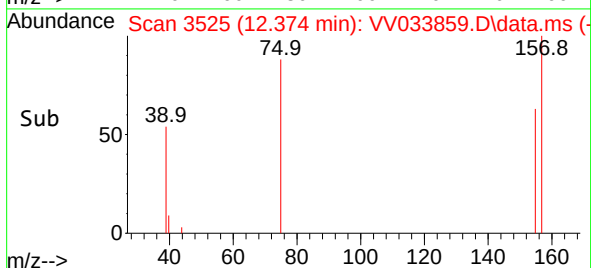
Tgt Ion:146 Resp: 13091
Ion Ratio Lower Upper
146 100
111 42.7 31.2 46.8
148 62.8 49.8 74.8

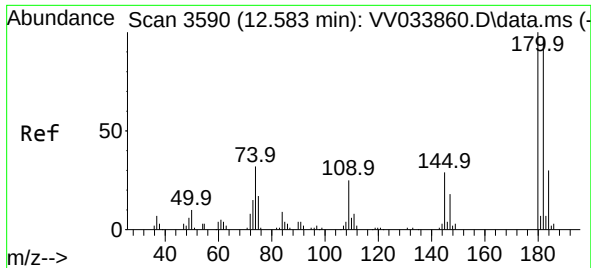


#68
1,2-Dibromo-3-chloropropane
Concen: 0.697 ug/L
RT: 12.374 min Scan# 3525
Delta R.T. 0.006 min
Lab File: VV033859.D
Acq: 25 Jan 2024 09:34



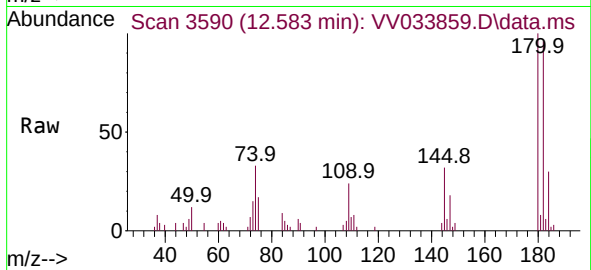
Tgt Ion: 75 Resp: 588
Ion Ratio Lower Upper
75 100
155 72.3 68.9 103.3
157 114.0 84.6 127.0



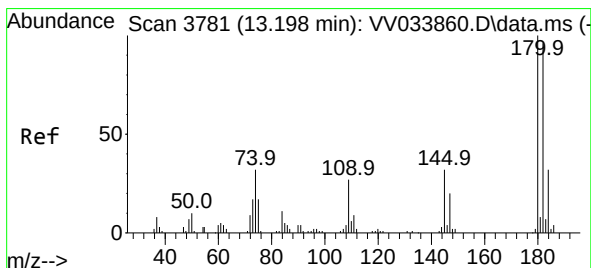
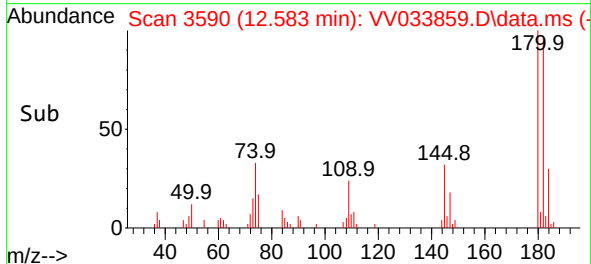
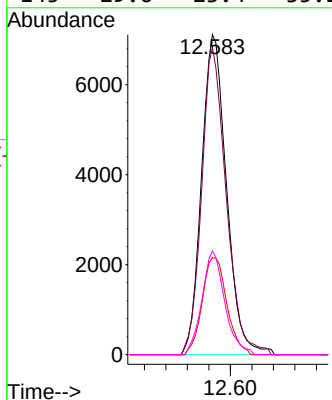


#69
1,3,5-Trichlorobenzene
Concen: 0.864 ug/L
RT: 12.583 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV033859.D
Acq: 25 Jan 2024 09:34

Instrument :
MSVOA_V
ClientSampleId :

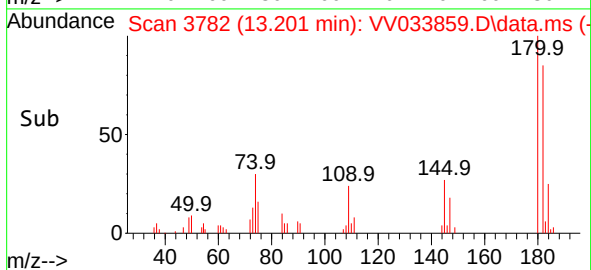
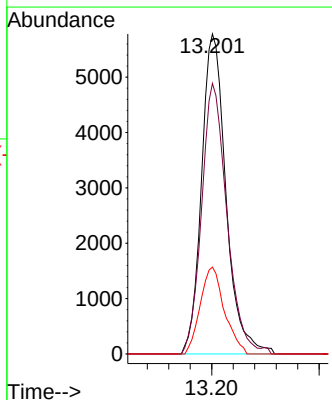
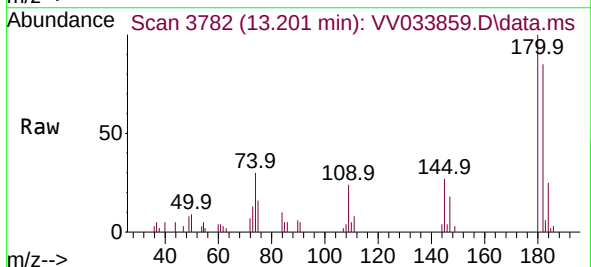


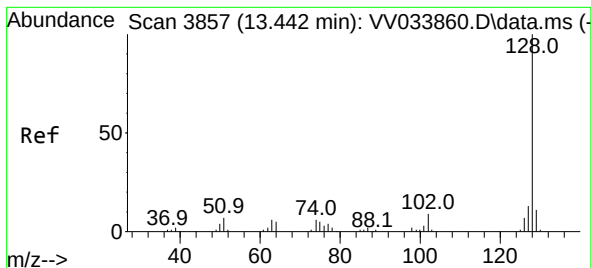
Tgt Ion:180 Resp: 11433
Ion Ratio Lower Upper
180 100
182 94.5 77.0 115.4
184 29.9 23.8 35.6
145 29.6 23.4 35.2



#70
1,2,4-trichlorobenzene
Concen: 0.832 ug/L
RT: 13.201 min Scan# 3782
Delta R.T. 0.003 min
Lab File: VV033859.D
Acq: 25 Jan 2024 09:34

Tgt Ion:180 Resp: 9110
Ion Ratio Lower Upper
180 100
182 87.4 76.8 115.2
145 26.8 24.8 37.2





#71

Naphthalene

Concen: 0.599 ug/L

RT: 13.445 min Scan# 3857

Delta R.T. 0.003 min

Lab File: VV033859.D

Acq: 25 Jan 2024 09:34

Instrument :

MSVOA_V

ClientSampleId :

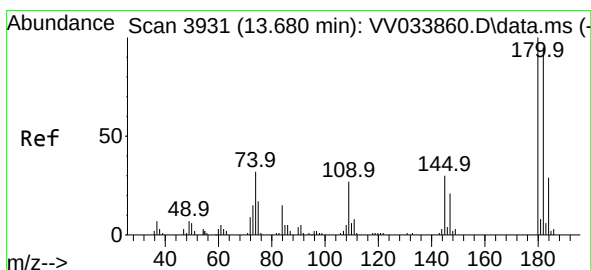
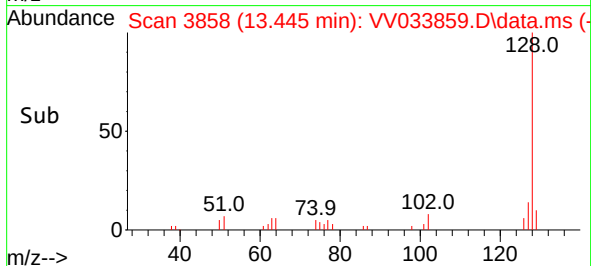
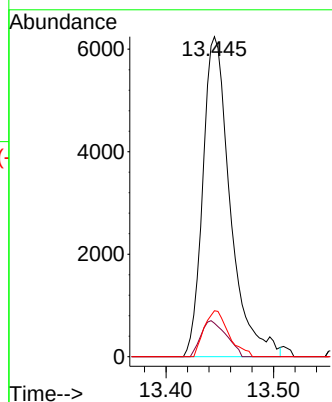
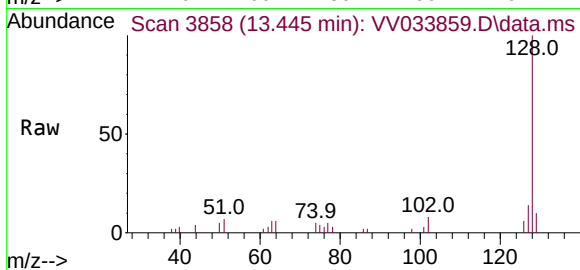
Tgt Ion:128 Resp: 11052

Ion Ratio Lower Upper

128 100

129 10.4 8.5 12.7

127 12.8 10.4 15.6



#72

1,2,3-Trichlorobenzene

Concen: 0.774 ug/L

RT: 13.683 min Scan# 3932

Delta R.T. 0.003 min

Lab File: VV033859.D

Acq: 25 Jan 2024 09:34

Tgt Ion:180 Resp: 6894

Ion Ratio Lower Upper

180 100

182 96.8 75.0 112.6

145 31.7 25.2 37.8

