

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV093024\
 Data File : VV037680.D
 Acq On : 01 Oct 2024 00:34
 Operator : SY/MD
 Sample : P4206-02MS
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EY052MS

Quant Time: Oct 01 07:48:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 01 04:32:07 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	642908	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	619589	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	334608	50.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	253657	44.945	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.900%
7) Chloroethane-d5	1.532	69	201747	46.054	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.100%
11) 1,1-Dichloroethene-d2	2.060	65	107698	45.676	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.360%
21) 2-Butanone-d5	3.789	46	158323	78.761	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	78.760%
24) Chloroform-d	4.243	84	472481	47.056	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.120%
26) 1,2-Dichloroethane-d4	4.937	65	272273	46.327	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.660%
32) Benzene-d6	4.953	84	917176	47.306	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.620%
36) 1,2-Dichloropropane-d6	5.985	67	290668	47.081	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.160%
41) Toluene-d8	7.236	98	860597	48.952	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.900%
43) trans-1,3-Dichloroprop...	7.548	79	127285	44.382	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.760%
47) 2-Hexanone-d5	8.024	63	119444	91.623	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.620%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	323266	45.064	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.120%
66) 1,2-Dichlorobenzene-d4	11.554	152	323874	45.934	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.860%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.108	85	268573	49.071	ug/L	99
3) Chloromethane	1.217	50	267918	50.422	ug/L	100
5) Vinyl chloride	1.285	62	281324	49.385	ug/L	100
6) Bromomethane	1.487	94	158060	49.998	ug/L	99
8) Chloroethane	1.548	64	171431	48.826	ug/L	97
9) Trichlorofluoromethane	1.716	101	383164	49.970	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	227142	49.572	ug/L	99
12) 1,1-Dichloroethene	2.069	96	212006	49.532	ug/L	93
13) Acetone	2.111	43	122339	62.082	ug/L	99
14) Carbon disulfide	2.240	76	616985	46.181	ug/L	100
15) Methyl Acetate	2.371	43	134580	39.134	ug/L	97
16) Methylene chloride	2.445	84	238055	49.121	ug/L	98
17) trans-1,2-Dichloroethene	2.690	96	224178	49.509	ug/L	100
18) Methyl tert-butyl Ether	2.703	73	660635	50.854	ug/L	99
19) 1,1-Dichloroethane	3.108	63	457132	52.692	ug/L	100
20) cis-1,2-Dichloroethene	3.809	96	269017	53.091	ug/L	100
22) 2-Butanone	3.873	43	179923	82.491	ug/L	95
23) Bromochloromethane	4.140	128	132033	50.373	ug/L	98
25) Chloroform	4.272	83	453200	50.455	ug/L	99

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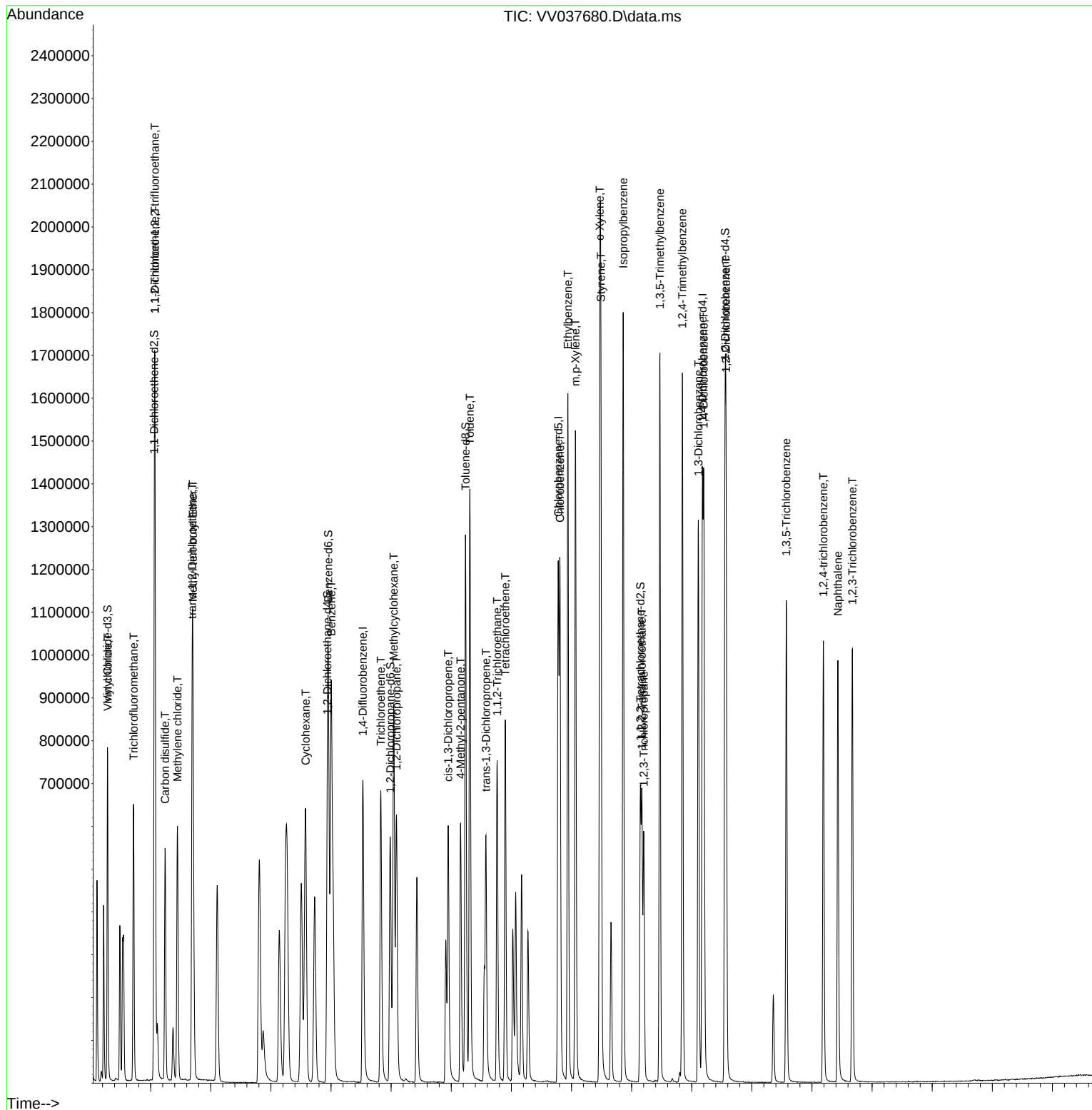
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	326785	51.534	ug/L	99
29) Cyclohexane	4.577	56	353302	50.222	ug/L	99
30) 1,1,1-Trichloroethane	4.506	97	389881	51.091	ug/L	100
31) Carbon tetrachloride	4.728	117	337471	50.866	ug/L	100
33) Benzene	5.005	78	959606	51.354	ug/L	100
34) Trichloroethene	5.828	95	250240	50.286	ug/L	98
35) Methylcyclohexane	6.043	83	372195	48.618	ug/L	99
37) 1,2-Dichloropropane	6.088	63	249670	51.742	ug/L	99
38) Bromodichloromethane	6.429	83	332237	51.507	ug/L	98
39) cis-1,3-Dichloropropene	6.950	75	384700	49.945	ug/L	98
40) 4-Methyl-2-pentanone	7.156	43	398621	101.462	ug/L	100
42) Toluene	7.310	91	1017577	52.529	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	345272	49.790	ug/L	100
45) 1,1,2-Trichloroethane	7.764	97	237619	51.286	ug/L	99
46) Tetrachloroethene	7.899	164	184782	48.566	ug/L	98
48) 2-Hexanone	8.072	43	274559	89.873	ug/L	99
49) Dibromochloromethane	8.172	129	249830	50.947	ug/L	98
50) 1,2-Dibromoethane	8.275	107	242122	50.554	ug/L	98
51) Chlorobenzene	8.808	112	664318	50.335	ug/L	100
52) Ethylbenzene	8.940	91	1115646	51.163	ug/L	100
53) m,p-Xylene	9.066	106	424438	52.300	ug/L	97
54) o-Xylene	9.471	106	414199	52.278	ug/L	98
55) Styrene	9.490	104	731869	53.062	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.172	83	321878	49.828	ug/L	98
59) Bromoform	9.657	173	162031	49.545	ug/L	98
60) Isopropylbenzene	9.860	105	1118483	51.415	ug/L	100
61) 1,2,3-Trichloropropane	10.201	75	227637	47.810	ug/L	98
62) 1,3,5-Trimethylbenzene	10.471	105	885724	51.499	ug/L	99
63) 1,2,4-Trimethylbenzene	10.844	105	884001	51.658	ug/L	100
64) 1,3-Dichlorobenzene	11.111	146	523612	50.006	ug/L	99
65) 1,4-Dichlorobenzene	11.201	146	535843	49.145	ug/L	99
67) 1,2-Dichlorobenzene	11.570	146	515448	49.796	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.355	75	51584	44.631	ug/L	97
69) 1,3,5-Trichlorobenzene	12.574	180	338286	46.980	ug/L	100
70) 1,2,4-trichlorobenzene	13.191	180	304933	45.643	ug/L	100
71) Naphthalene	13.432	128	780748	44.730	ug/L	99
72) 1,2,3-Trichlorobenzene	13.673	180	302178	45.802	ug/L	99

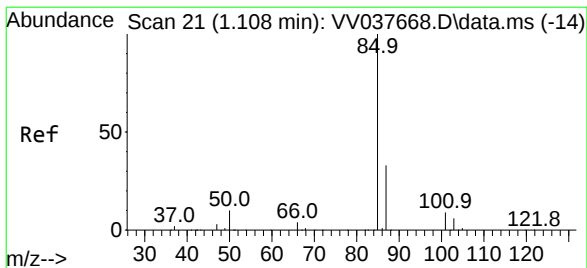
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#2

Dichlorodifluoromethane

Concen: 49.071 ug/L

RT: 1.108 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV037680.D

Acq: 01 Oct 2024 00:34

Instrument :

MSVOA_V

ClientSampleId :

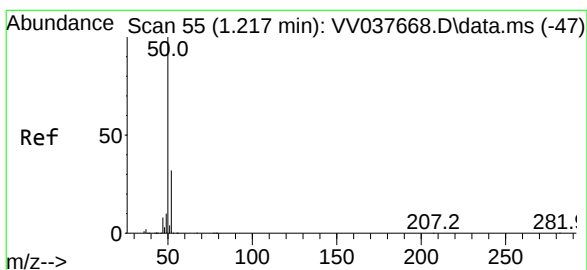
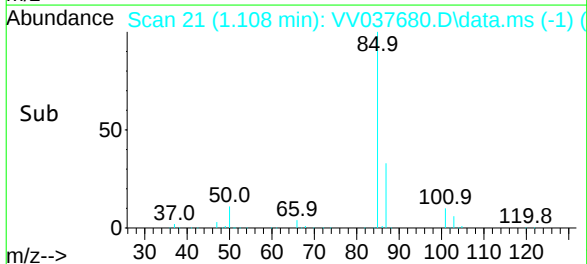
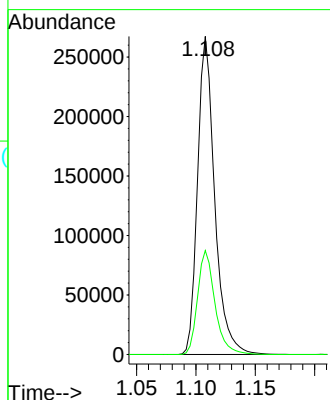
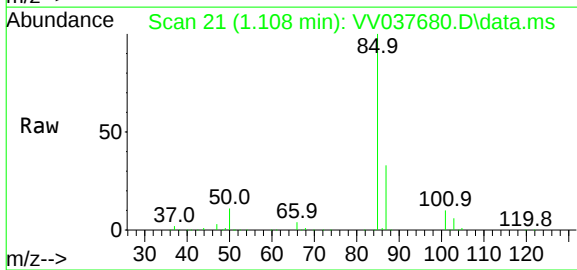
EY052MS

Tgt Ion: 85 Resp: 268573

Ion Ratio Lower Upper

85 100

87 33.1 25.8 38.8



#3

Chloromethane

Concen: 50.422 ug/L

RT: 1.217 min Scan# 55

Delta R.T. 0.000 min

Lab File: VV037680.D

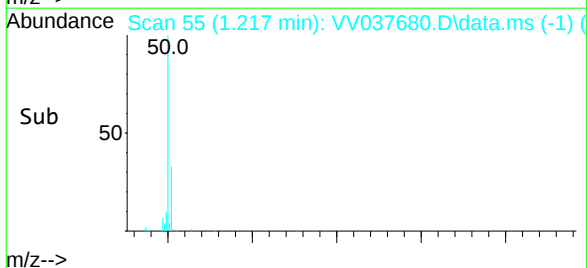
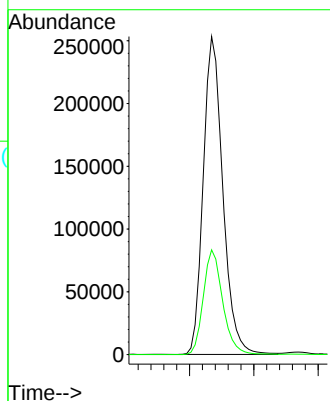
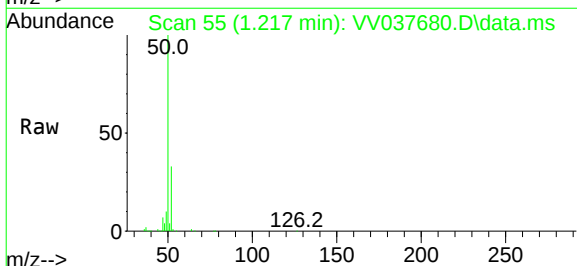
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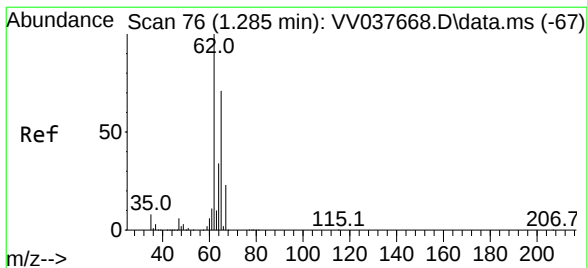
Tgt Ion: 50 Resp: 267918

Ion Ratio Lower Upper

50 100

52 32.9 23.2 43.2





#5

Vinyl chloride

Concen: 49.385 ug/L

RT: 1.285 min Scan# 76

Delta R.T. 0.000 min

Lab File: VV037680.D

Acq: 01 Oct 2024 00:34

Instrument :

MSVOA_V

ClientSampleId :

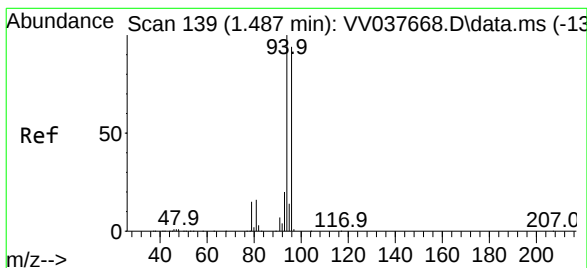
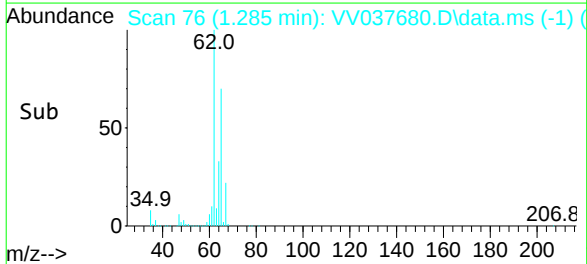
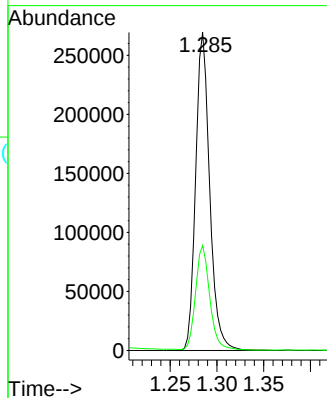
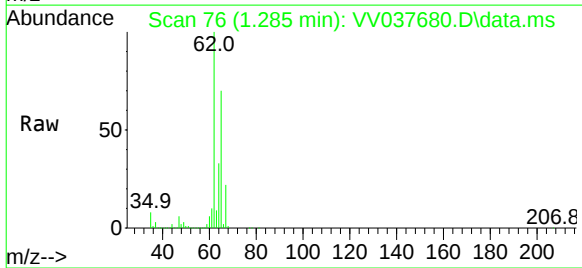
EY052MS

Tgt Ion: 62 Resp: 281324

Ion Ratio Lower Upper

62 100

64 33.0 23.2 43.0



#6

Bromomethane

Concen: 49.998 ug/L

RT: 1.487 min Scan# 139

Delta R.T. 0.000 min

Lab File: VV037680.D

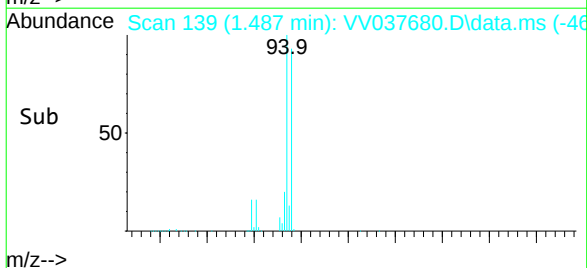
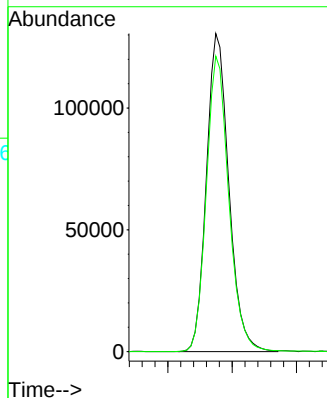
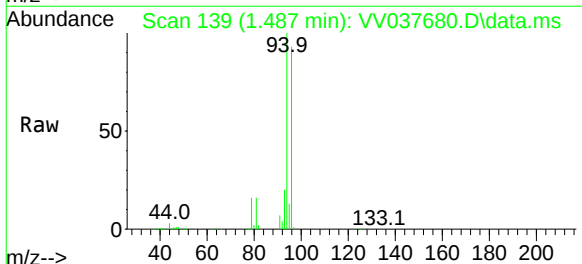
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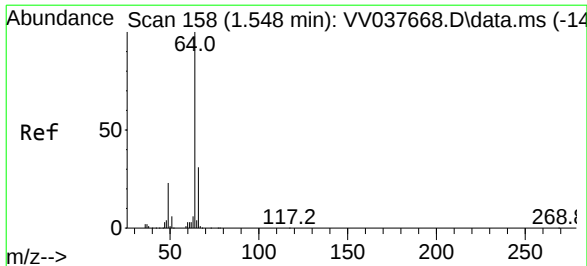
Tgt Ion: 94 Resp: 158060

Ion Ratio Lower Upper

94 100

96 92.9 65.8 122.2

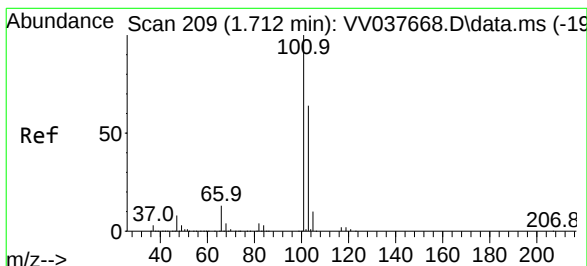
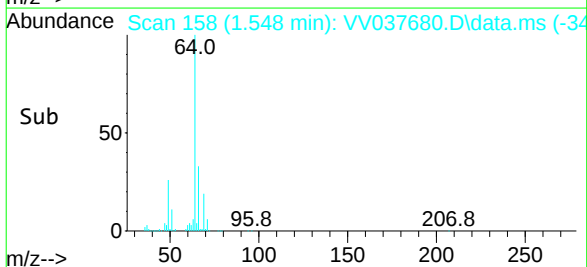
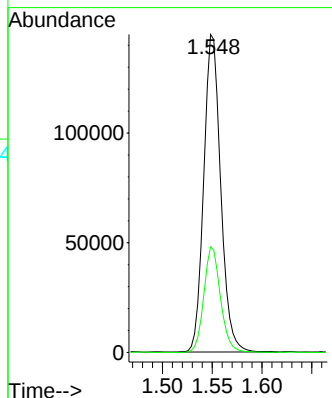
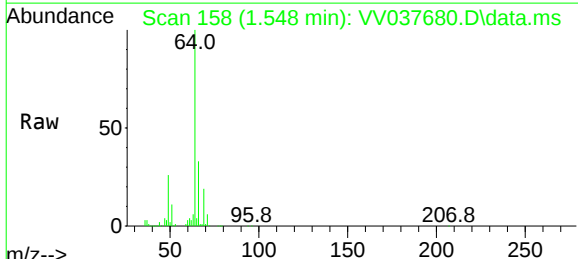




#8
Chloroethane
Concen: 48.826 ug/L
RT: 1.548 min Scan# 15
Delta R.T. 0.000 min
Lab File: VV037680.D
Acq: 01 Oct 2024 00:34

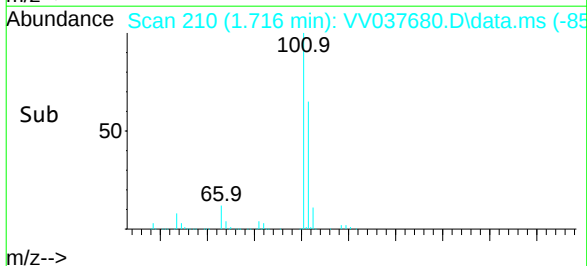
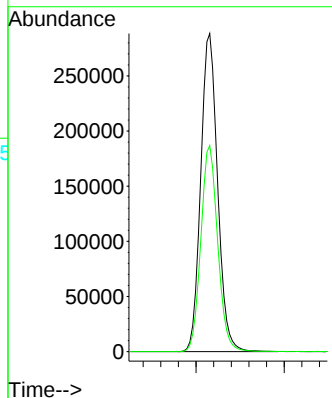
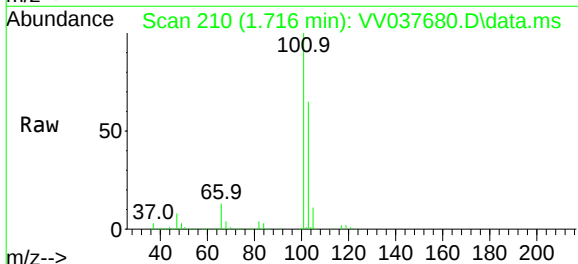
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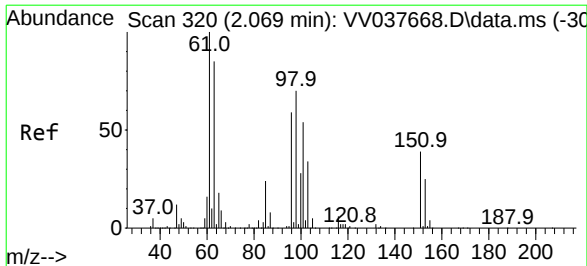
Tgt Ion: 64 Resp: 171431
Ion Ratio Lower Upper
64 100
66 33.2 22.2 41.2



#9
Trichlorofluoromethane
Concen: 49.970 ug/L
RT: 1.716 min Scan# 210
Delta R.T. 0.003 min
Lab File: VV037680.D
Acq: 01 Oct 2024 00:34

Tgt Ion: 101 Resp: 383164
Ion Ratio Lower Upper
101 100
103 64.7 52.2 78.4

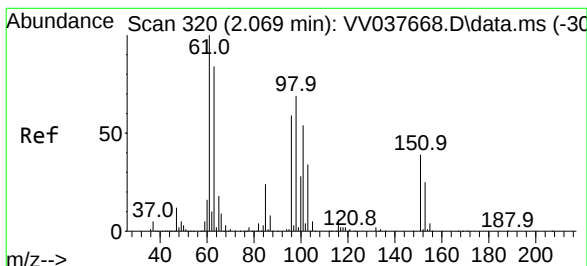
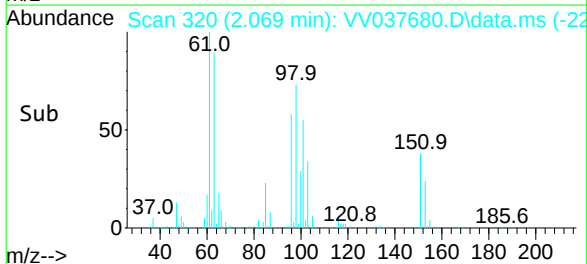
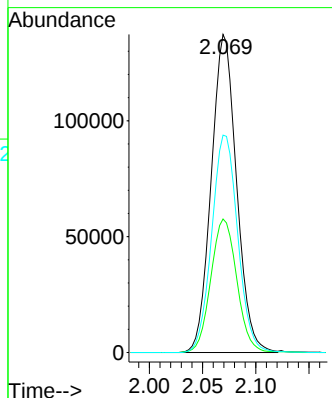
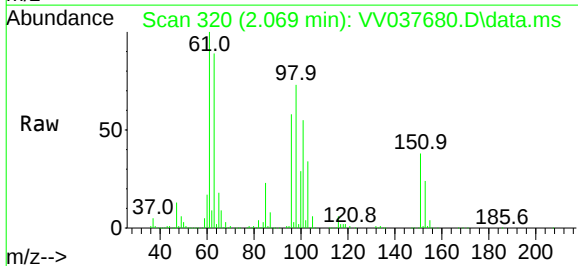




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 49.572 ug/L
RT: 2.069 min Scan# 320
Delta R.T. 0.000 min
Lab File: VV037680.D
Acq: 01 Oct 2024 00:34

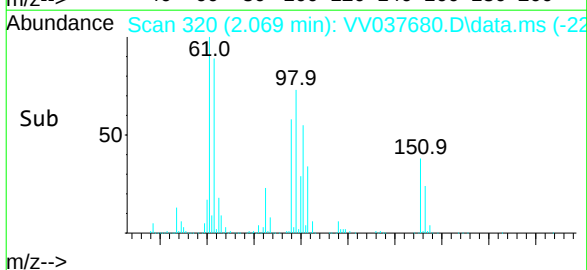
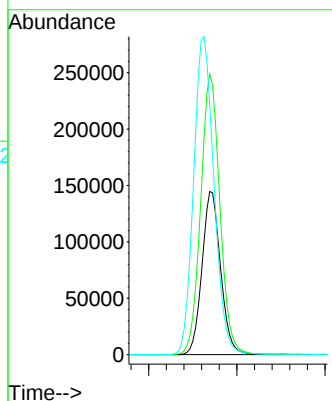
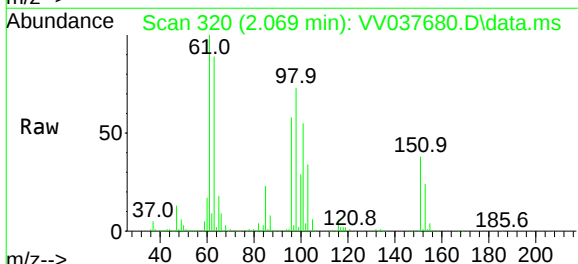
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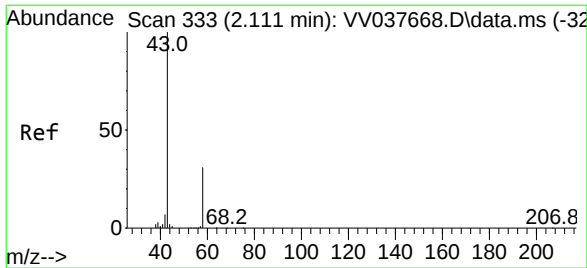
Tgt Ion: 101 Resp: 227142
Ion Ratio Lower Upper
101 100
85 43.0 34.6 52.0
151 70.4 57.5 86.3



#12
1,1-Dichloroethene
Concen: 49.532 ug/L
RT: 2.069 min Scan# 320
Delta R.T. 0.000 min
Lab File: VV037680.D
Acq: 01 Oct 2024 00:34

Tgt Ion: 96 Resp: 212006
Ion Ratio Lower Upper
96 100
61 171.9 122.6 227.6
63 153.3 118.0 219.2

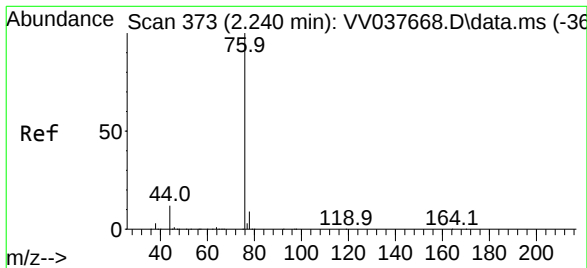
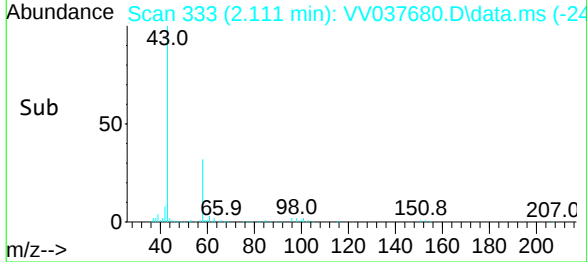
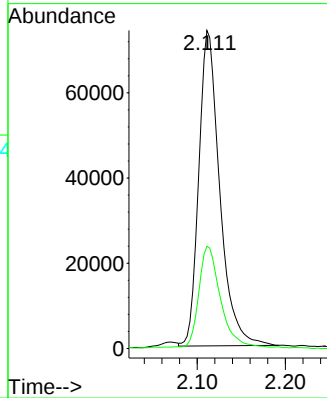
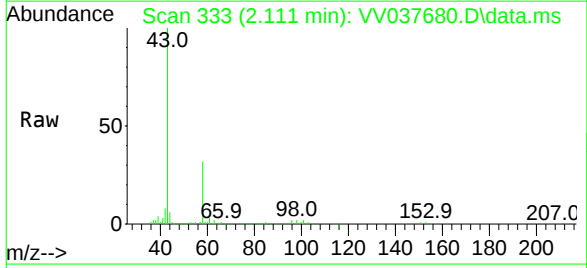




#13
Acetone
Concen: 62.082 ug/L
RT: 2.111 min Scan# 333
Delta R.T. 0.000 min
Lab File: VV037680.D
Acq: 01 Oct 2024 00:34

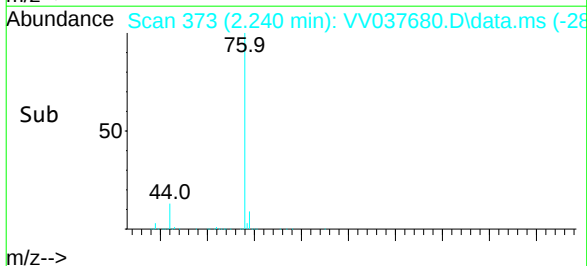
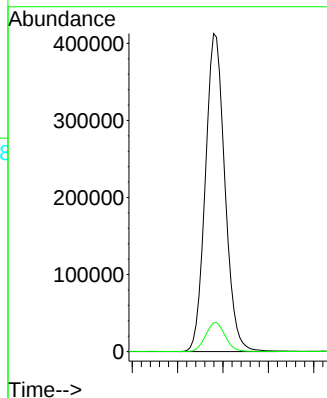
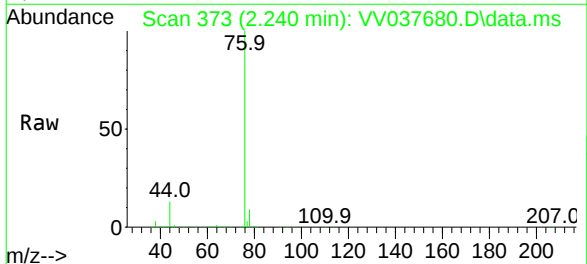
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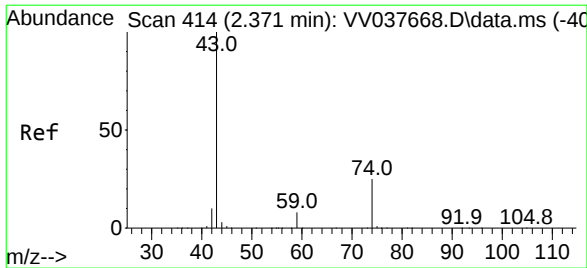
Tgt Ion: 43 Resp: 122339
Ion Ratio Lower Upper
43 100
58 34.0 0.0 66.6



#14
Carbon disulfide
Concen: 46.181 ug/L
RT: 2.240 min Scan# 373
Delta R.T. 0.000 min
Lab File: VV037680.D
Acq: 01 Oct 2024 00:34

Tgt Ion: 76 Resp: 616985
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0

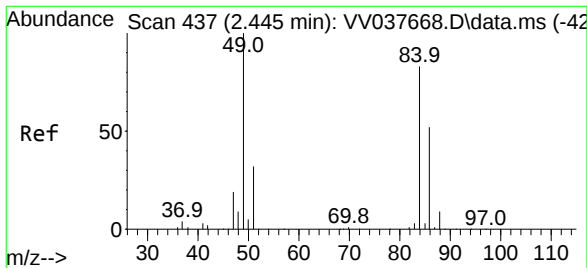
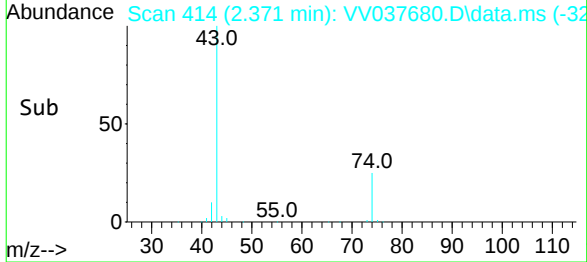
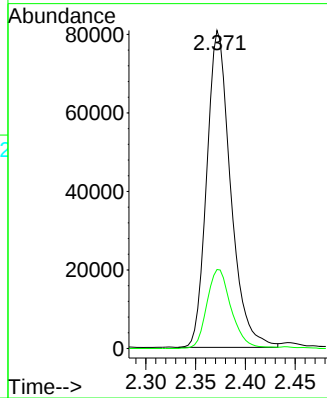
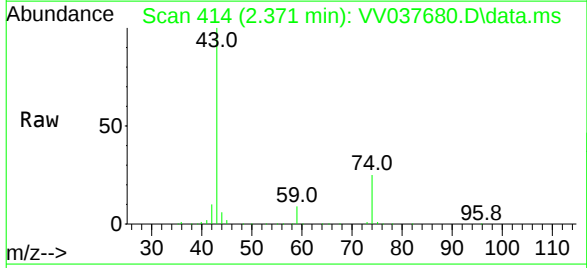




#15
Methyl Acetate
Concen: 39.134 ug/L
RT: 2.371 min Scan# 414
Delta R.T. 0.000 min
Lab File: VV037680.D
Acq: 01 Oct 2024 00:34

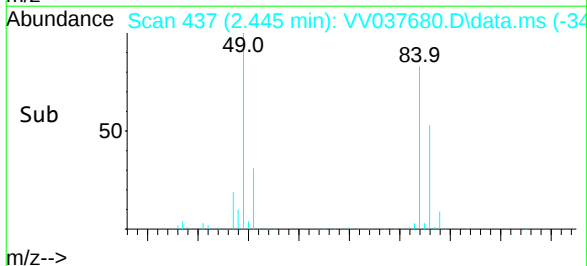
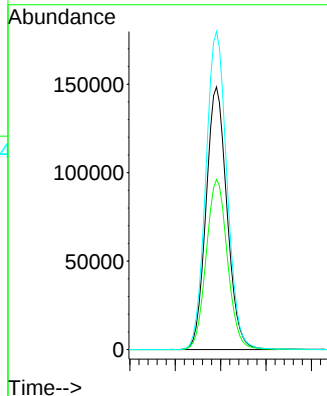
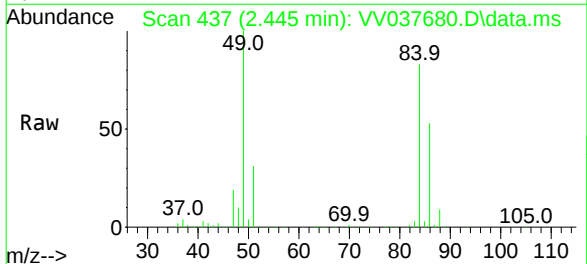
Instrument :
MSVOA_V
ClientSampleId :
EY052MS

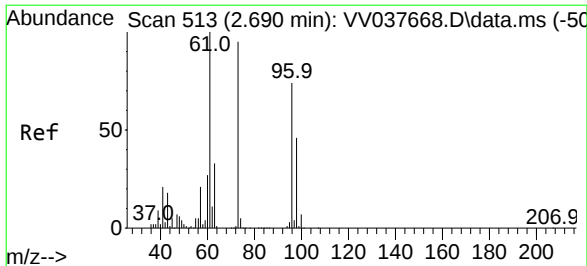
Tgt Ion: 43 Resp: 134580
Ion Ratio Lower Upper
43 100
74 25.5 19.4 29.0



#16
Methylene chloride
Concen: 49.121 ug/L
RT: 2.445 min Scan# 437
Delta R.T. 0.000 min
Lab File: VV037680.D
Acq: 01 Oct 2024 00:34

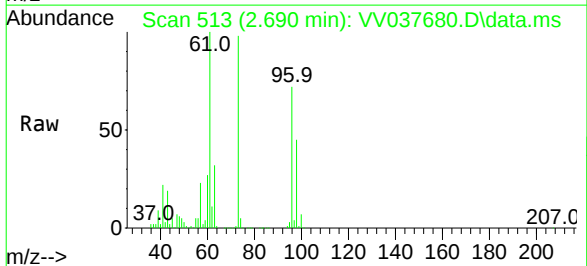
Tgt Ion: 84 Resp: 238055
Ion Ratio Lower Upper
84 100
86 64.8 46.4 86.2
49 121.1 85.9 159.5



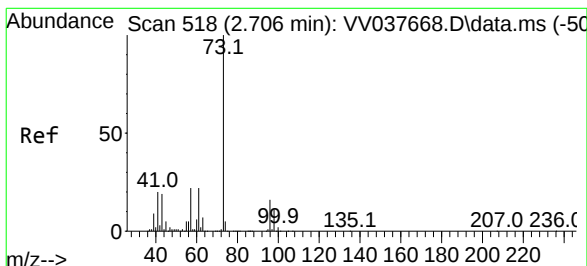
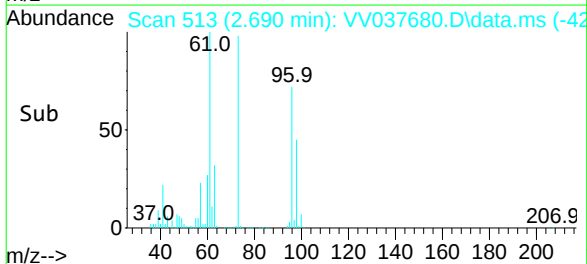
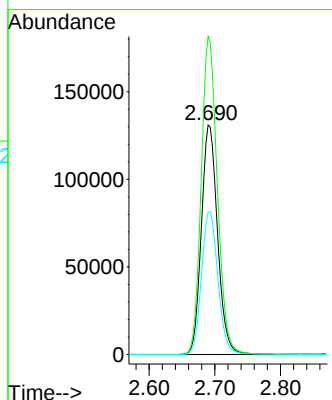


#17
trans-1,2-Dichloroethene
Concen: 49.509 ug/L
RT: 2.690 min Scan# 513
Delta R.T. 0.000 min
Lab File: VV037680.D
Acq: 01 Oct 2024 00:34

Instrument :
MSVOA_V
ClientSampleId :
EY052MS

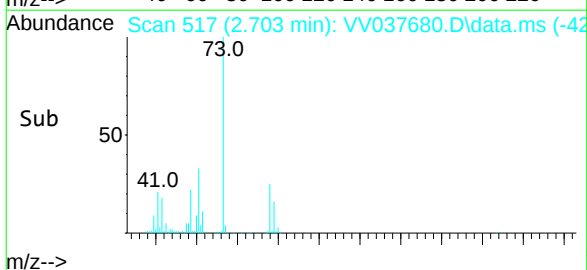
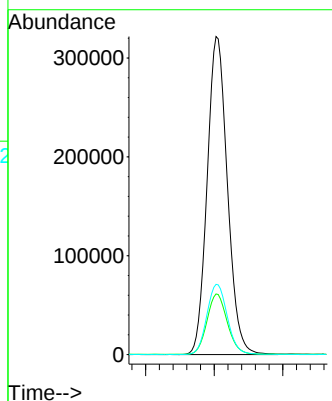
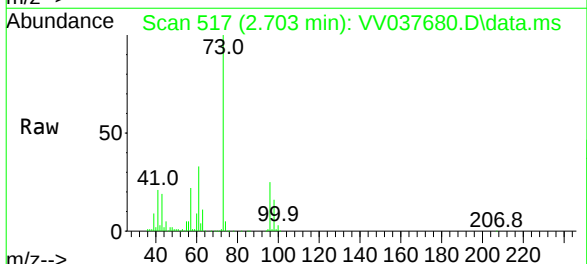


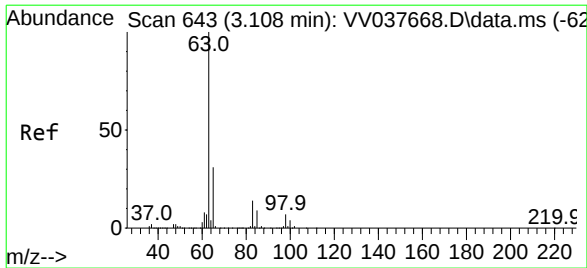
Tgt Ion: 96 Resp: 224178
Ion Ratio Lower Upper
96 100
61 138.6 97.3 180.7
98 62.1 43.9 81.5



#18
Methyl tert-butyl Ether
Concen: 50.854 ug/L
RT: 2.703 min Scan# 517
Delta R.T. -0.003 min
Lab File: VV037680.D
Acq: 01 Oct 2024 00:34

Tgt Ion: 73 Resp: 660635
Ion Ratio Lower Upper
73 100
43 19.0 15.1 22.7
57 22.3 17.4 26.2

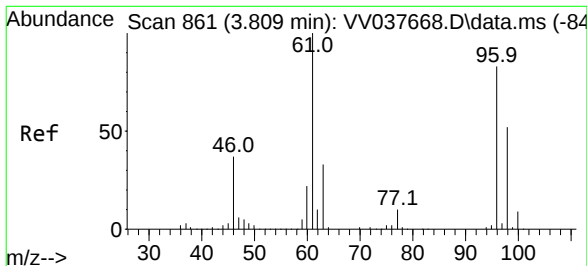
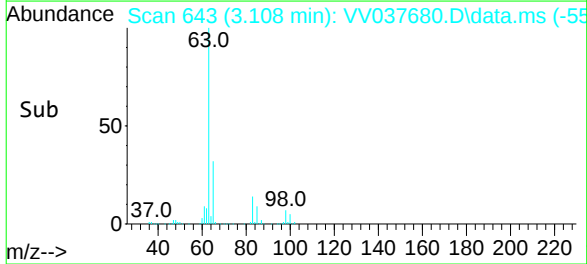
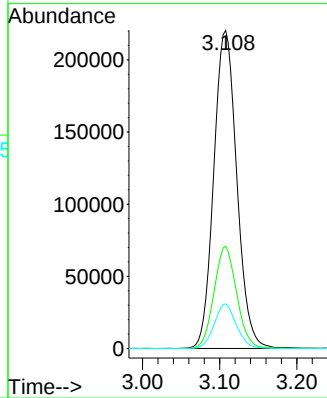
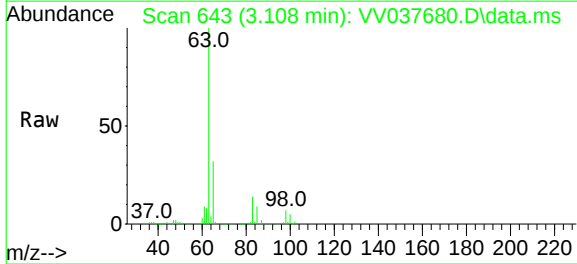




#19
1,1-Dichloroethane
Concen: 52.692 ug/L
RT: 3.108 min Scan# 643
Delta R.T. 0.000 min
Lab File: VV037680.D
Acq: 01 Oct 2024 00:34

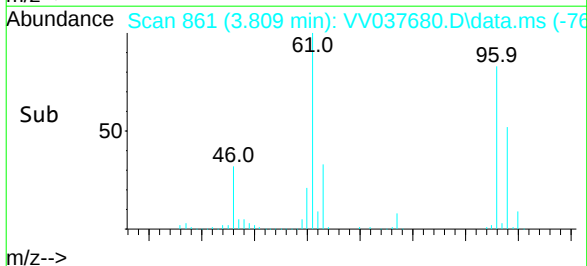
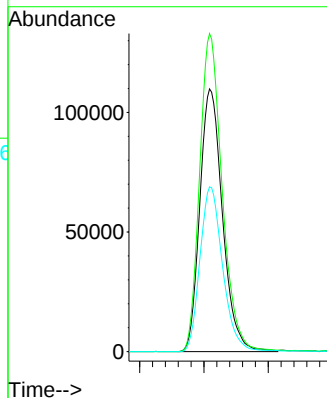
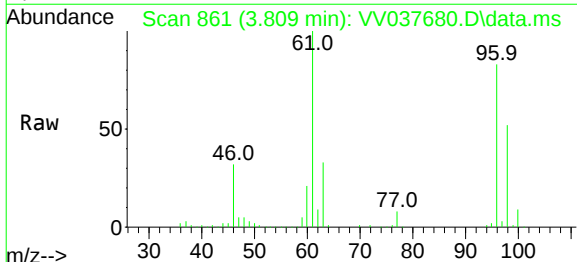
Instrument :
MSVOA_V
ClientSampleId :
EY052MS

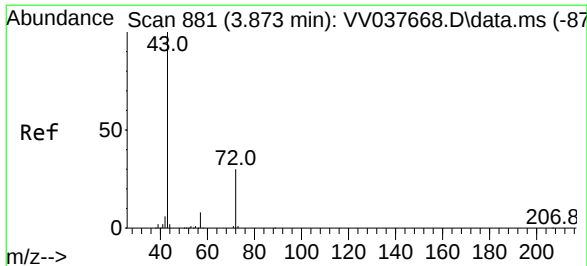
Tgt Ion:	63	Resp:	457132
Ion	Ratio	Lower	Upper
63	100		
65	32.1	22.4	41.6
83	14.0	9.5	17.7



#20
cis-1,2-Dichloroethene
Concen: 53.091 ug/L
RT: 3.809 min Scan# 861
Delta R.T. 0.000 min
Lab File: VV037680.D
Acq: 01 Oct 2024 00:34

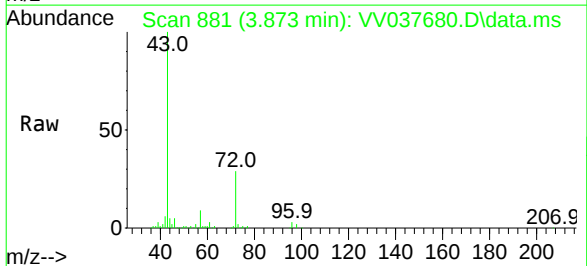
Tgt Ion:	96	Resp:	269017
Ion	Ratio	Lower	Upper
96	100		
61	121.1	85.0	157.8
98	62.7	44.2	82.0



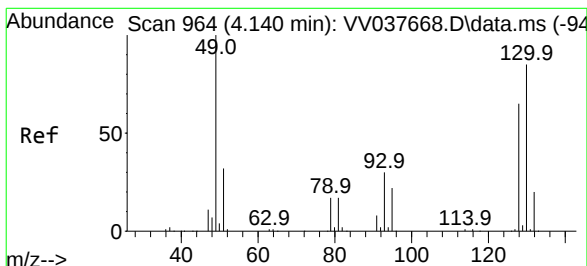
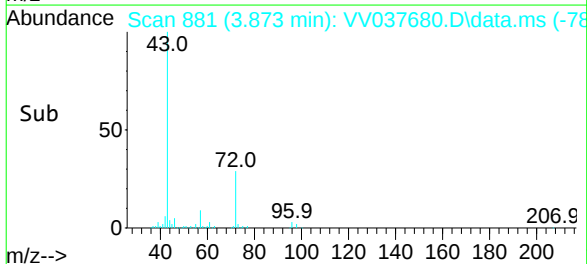
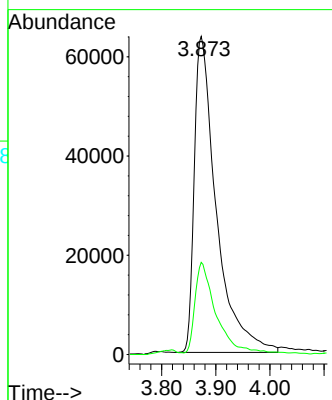


#22
2-Butanone
Concen: 82.491 ug/L
RT: 3.873 min Scan# 881
Delta R.T. 0.000 min
Lab File: VV037680.D
Acq: 01 Oct 2024 00:34

Instrument :
MSVOA_V
ClientSampleId :
EY052MS

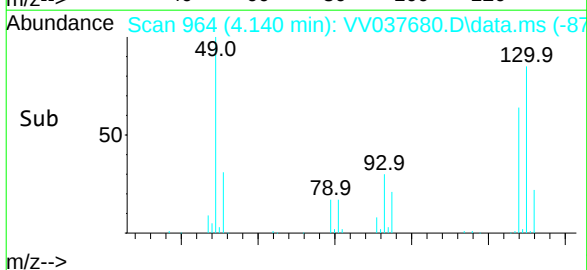
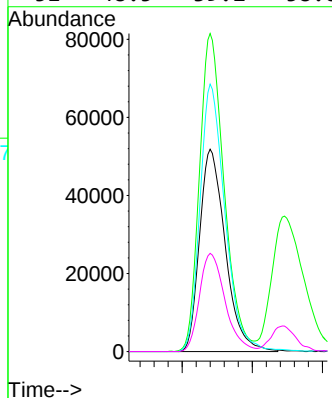
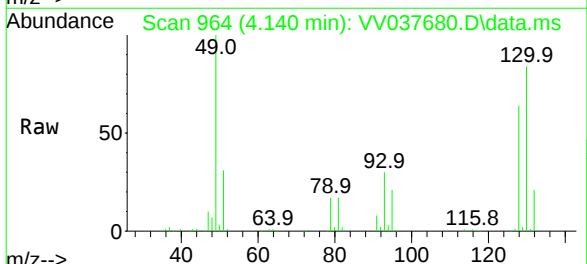


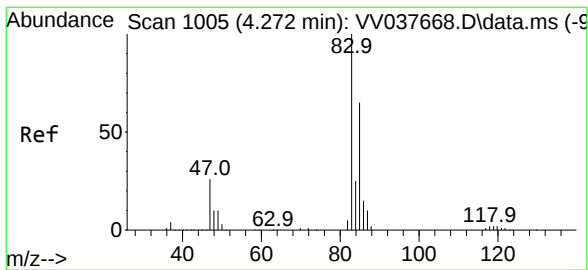
Tgt Ion: 43 Resp: 179923
Ion Ratio Lower Upper
43 100
72 26.2 14.3 42.9



#23
Bromochloromethane
Concen: 50.373 ug/L
RT: 4.140 min Scan# 964
Delta R.T. 0.000 min
Lab File: VV037680.D
Acq: 01 Oct 2024 00:34

Tgt Ion: 128 Resp: 132033
Ion Ratio Lower Upper
128 100
49 157.2 108.7 201.9
130 132.2 90.4 168.0
51 48.5 39.2 58.8

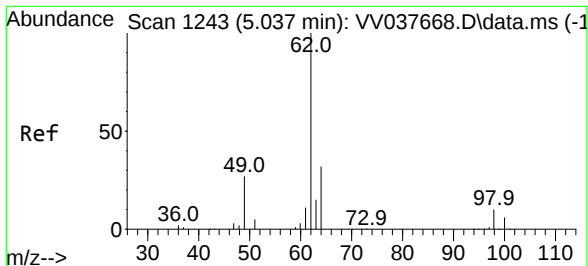
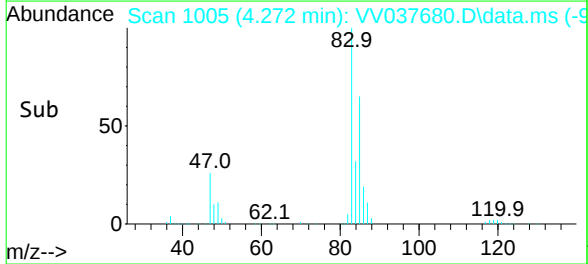
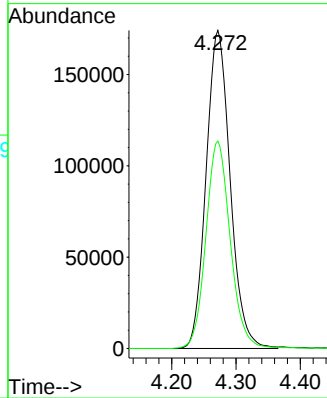
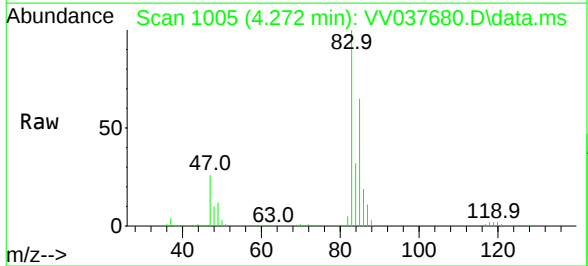




#25
Chloroform
Concen: 50.455 ug/L
RT: 4.272 min Scan# 1005
Delta R.T. 0.000 min
Lab File: VV037680.D
Acq: 01 Oct 2024 00:34

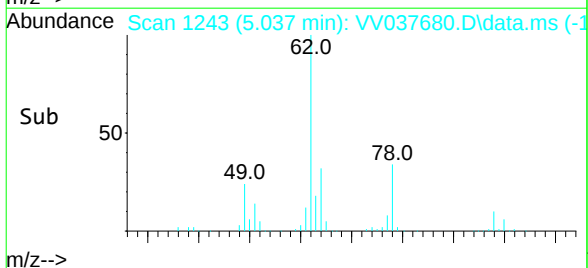
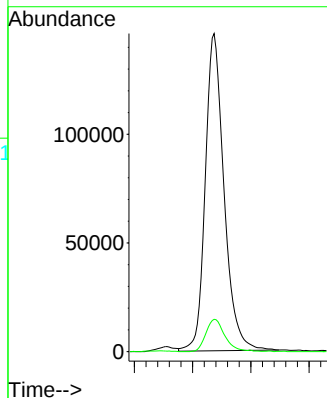
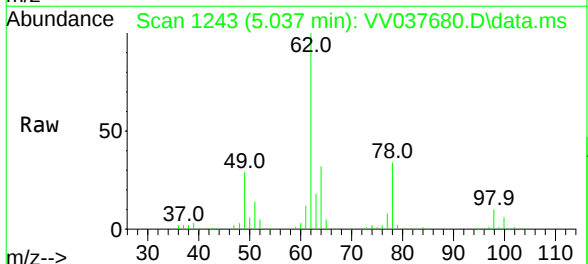
Instrument :
MSVOA_V
ClientSampleId :
EY052MS

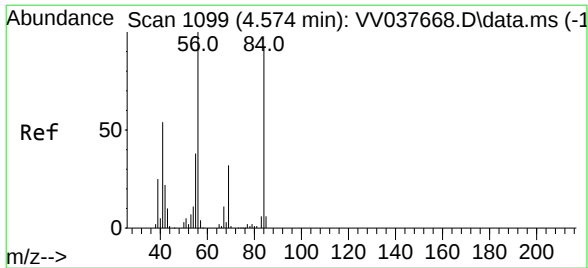
Tgt Ion: 83 Resp: 453200
Ion Ratio Lower Upper
83 100
85 65.2 45.1 83.7



#27
1,2-Dichloroethane
Concen: 51.534 ug/L
RT: 5.037 min Scan# 1243
Delta R.T. 0.000 min
Lab File: VV037680.D
Acq: 01 Oct 2024 00:34

Tgt Ion: 62 Resp: 326785
Ion Ratio Lower Upper
62 100
98 10.1 8.4 12.6

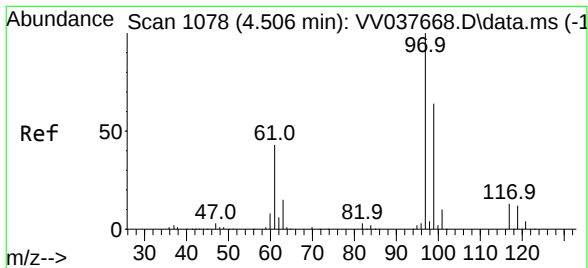
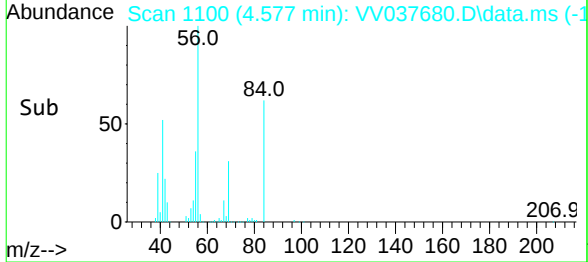
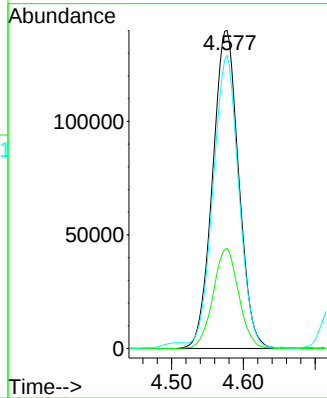
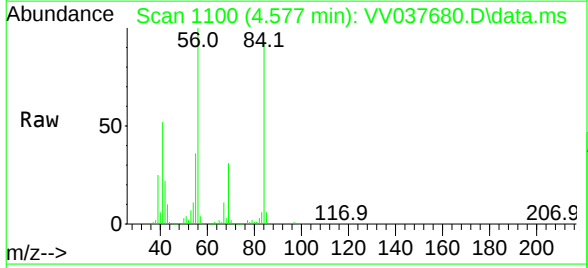




#29
Cyclohexane
Concen: 50.222 ug/L
RT: 4.577 min Scan# 1100
Delta R.T. 0.003 min
Lab File: VV037680.D
Acq: 01 Oct 2024 00:34

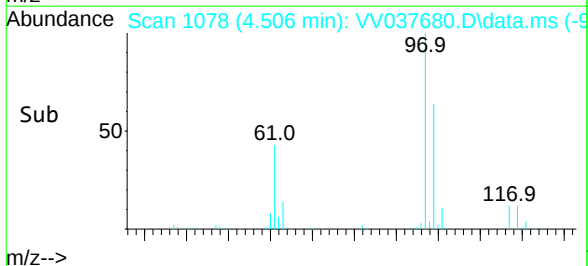
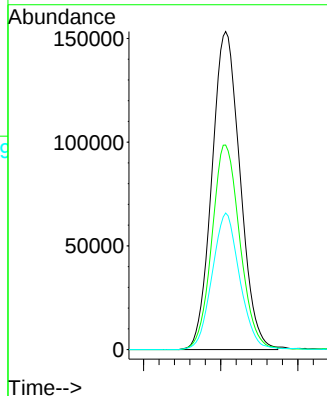
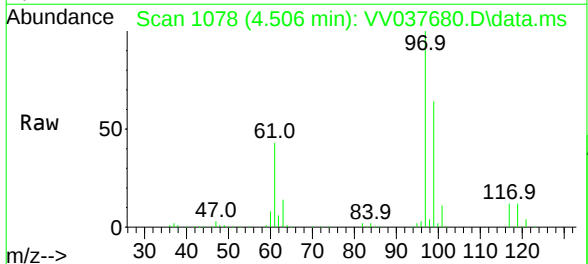
Instrument :
MSVOA_V
ClientSampleId :
EY052MS

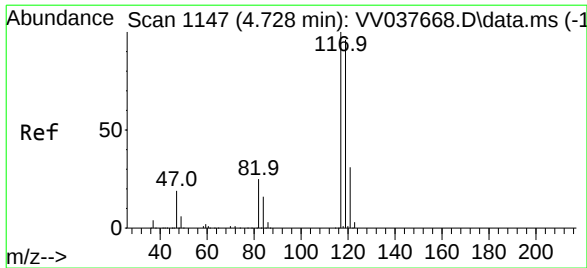
Tgt Ion: 56 Resp: 353302
Ion Ratio Lower Upper
56 100
69 30.9 24.7 37.1
84 91.0 73.4 110.0



#30
1,1,1-Trichloroethane
Concen: 51.091 ug/L
RT: 4.506 min Scan# 1078
Delta R.T. 0.000 min
Lab File: VV037680.D
Acq: 01 Oct 2024 00:34

Tgt Ion: 97 Resp: 389881
Ion Ratio Lower Upper
97 100
99 64.1 51.8 77.6
61 42.0 33.6 50.4





#31

Carbon tetrachloride

Concen: 50.866 ug/L

RT: 4.728 min Scan# 1147

Delta R.T. 0.000 min

Lab File: VV037680.D

Acq: 01 Oct 2024 00:34

Instrument :

MSVOA_V

ClientSampleId :

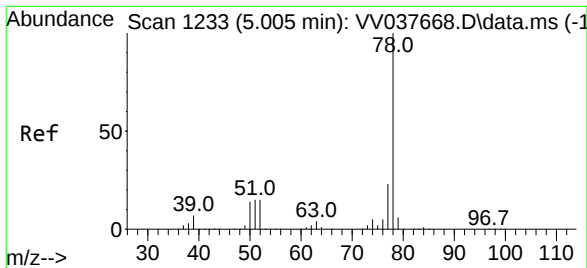
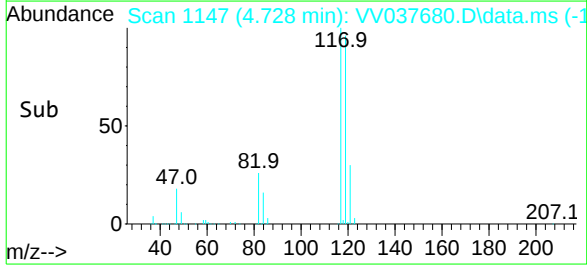
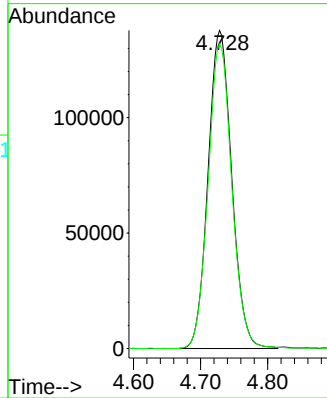
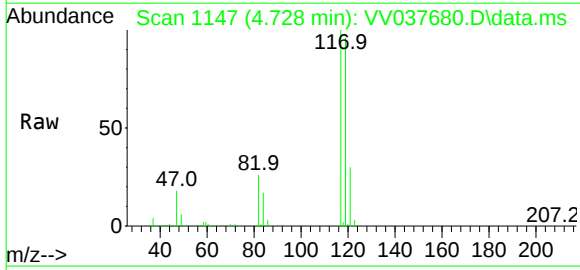
EY052MS

Tgt Ion:117 Resp: 337471

Ion Ratio Lower Upper

117 100

119 96.0 76.9 115.3



#33

Benzene

Concen: 51.354 ug/L

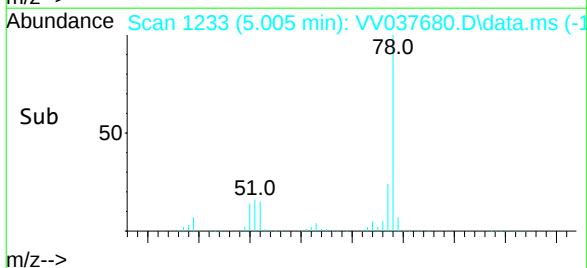
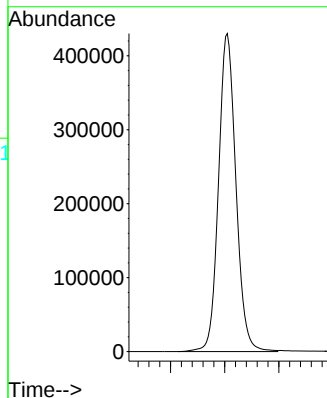
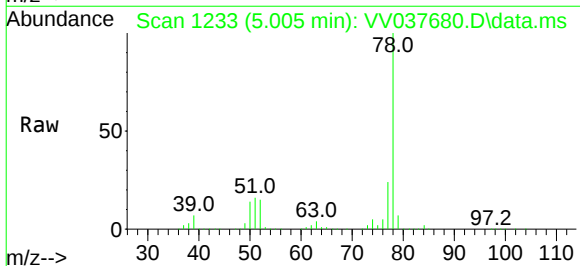
RT: 5.005 min Scan# 1233

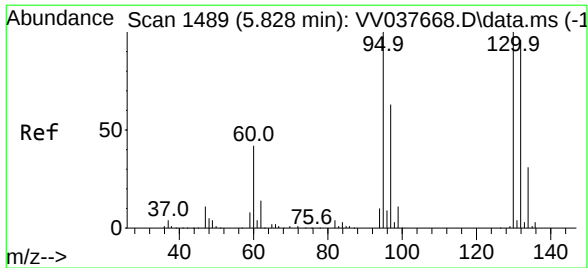
Delta R.T. 0.000 min

Lab File: VV037680.D

Acq: 01 Oct 2024 00:34

Tgt Ion: 78 Resp: 959606

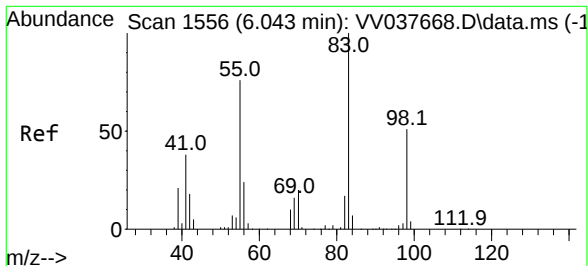
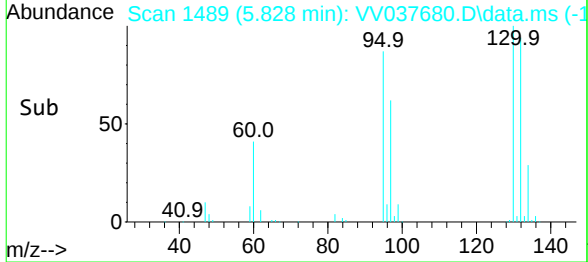
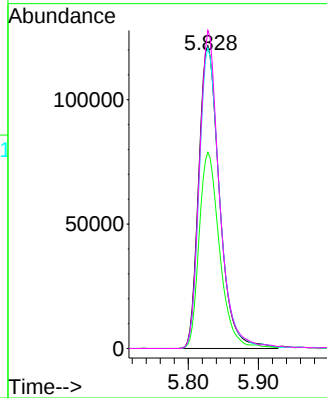
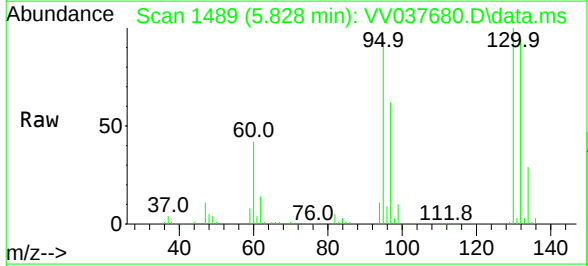




#34
Trichloroethene
Concen: 50.286 ug/L
RT: 5.828 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VV037680.D
Acq: 01 Oct 2024 00:34

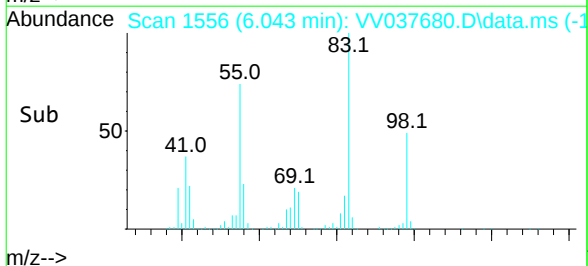
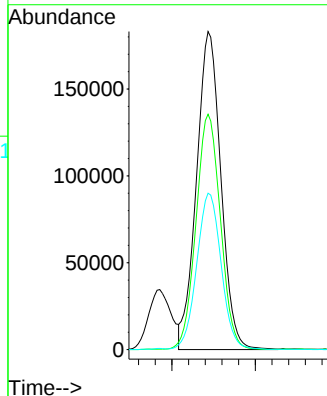
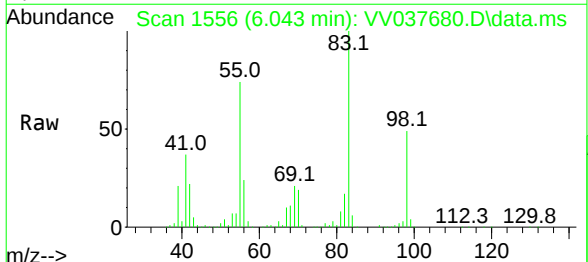
Instrument :
MSVOA_V
ClientSampleId :
EY052MS

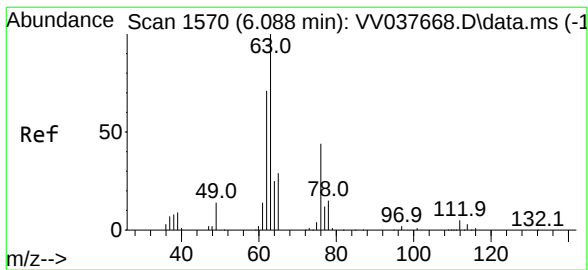
Tgt Ion: 95 Resp: 250240
Ion Ratio Lower Upper
95 100
97 64.7 46.3 85.9
132 99.3 68.6 127.4
130 105.1 70.9 131.7



#35
Methylcyclohexane
Concen: 48.618 ug/L
RT: 6.043 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VV037680.D
Acq: 01 Oct 2024 00:34

Tgt Ion: 83 Resp: 372195
Ion Ratio Lower Upper
83 100
55 73.9 57.9 86.9
98 49.2 39.3 58.9

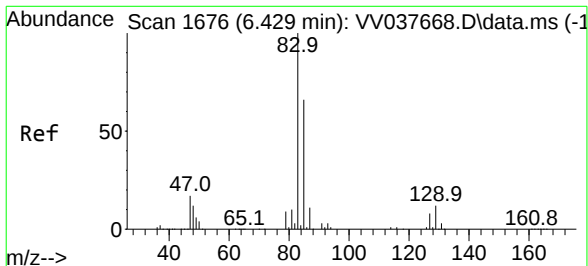
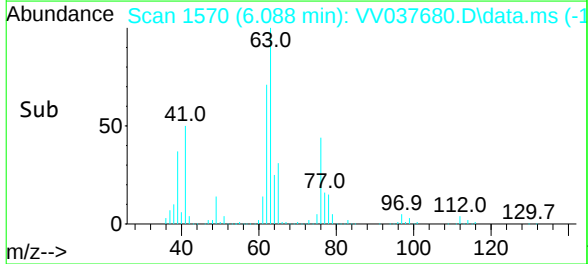
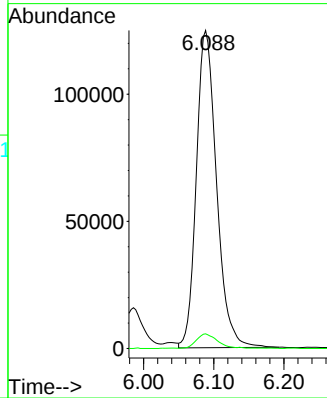
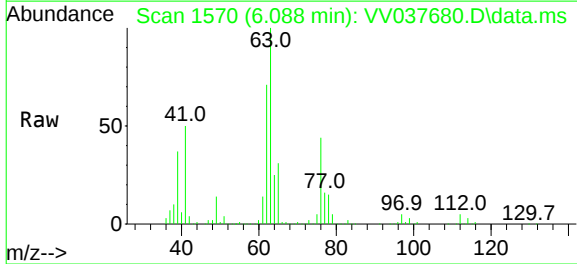




#37
1,2-Dichloropropane
Concen: 51.742 ug/L
RT: 6.088 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VV037680.D
Acq: 01 Oct 2024 00:34

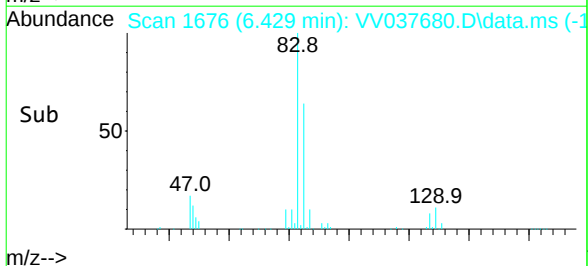
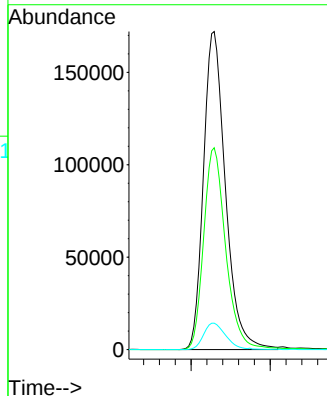
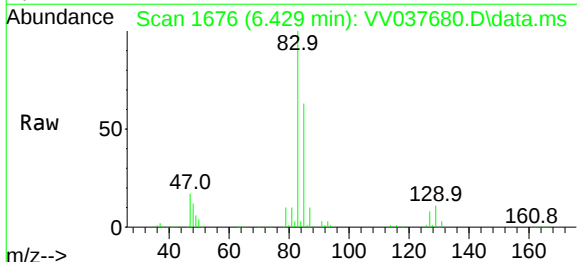
Instrument :
MSVOA_V
ClientSampleId :
EY052MS

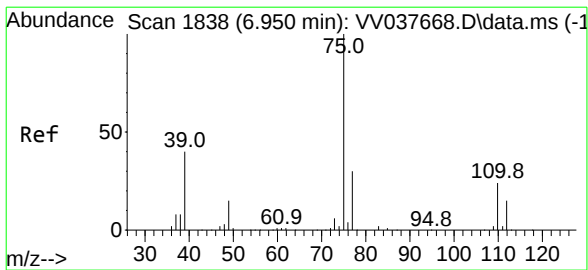
Tgt Ion: 63 Resp: 249670
Ion Ratio Lower Upper
63 100
112 4.8 3.5 5.3



#38
Bromodichloromethane
Concen: 51.507 ug/L
RT: 6.429 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VV037680.D
Acq: 01 Oct 2024 00:34

Tgt Ion: 83 Resp: 332237
Ion Ratio Lower Upper
83 100
85 63.5 45.7 84.9
127 8.3 7.0 10.4





#39

cis-1,3-Dichloropropene

Concen: 49.945 ug/L

RT: 6.950 min Scan# 1838

Delta R.T. 0.000 min

Lab File: VV037680.D

Acq: 01 Oct 2024 00:34

Instrument :

MSVOA_V

ClientSampleId :

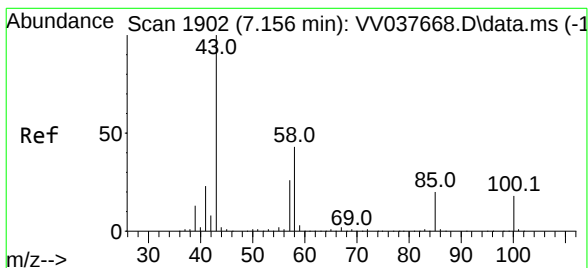
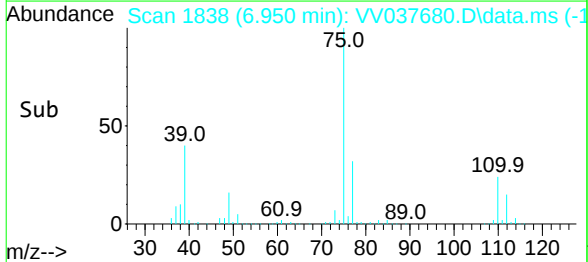
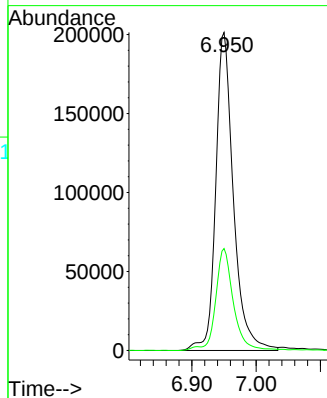
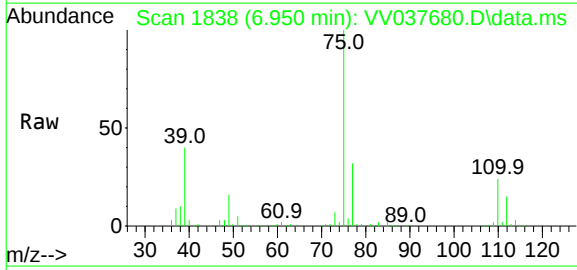
EY052MS

Tgt Ion: 75 Resp: 384700

Ion Ratio Lower Upper

75 100

77 32.1 21.8 40.4



#40

4-Methyl-2-pentanone

Concen: 101.462 ug/L

RT: 7.156 min Scan# 1902

Delta R.T. 0.000 min

Lab File: VV037680.D

Acq: 01 Oct 2024 00:34

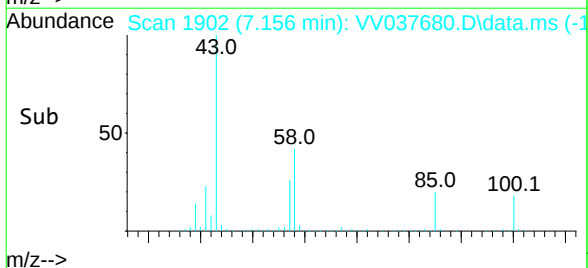
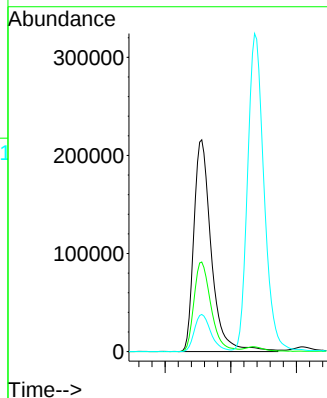
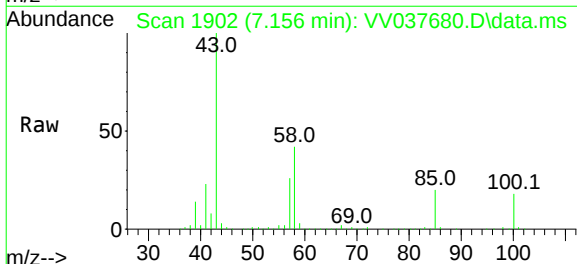
Tgt Ion: 43 Resp: 398621

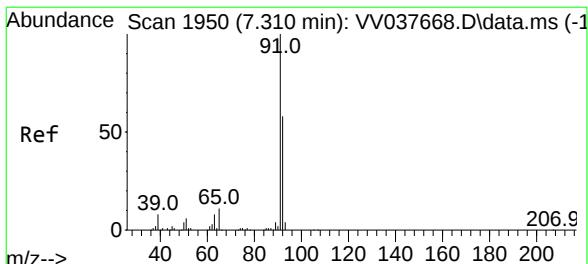
Ion Ratio Lower Upper

43 100

58 41.4 33.0 49.4

100 16.8 13.7 20.5



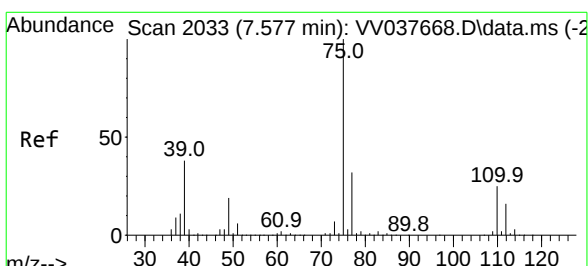
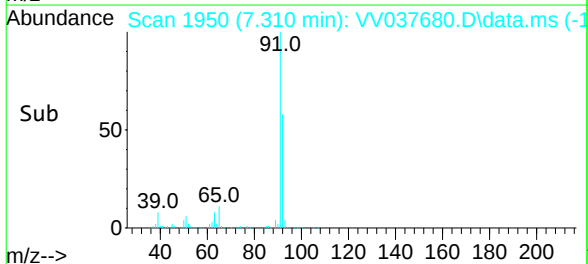
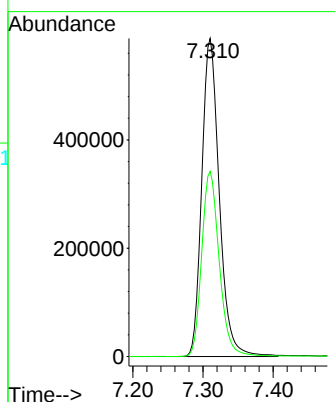
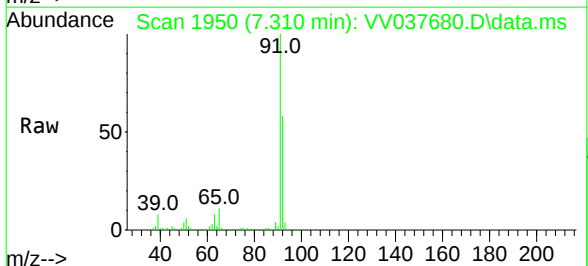


#42
 Toluene
 Concen: 52.529 ug/L
 RT: 7.310 min Scan# 1950
 Delta R.T. 0.000 min
 Lab File: VV037680.D
 Acq: 01 Oct 2024 00:34

Instrument : MSVOA_V
 ClientSampleId : EY052MS

Tgt Ion: 91 Resp: 1017577

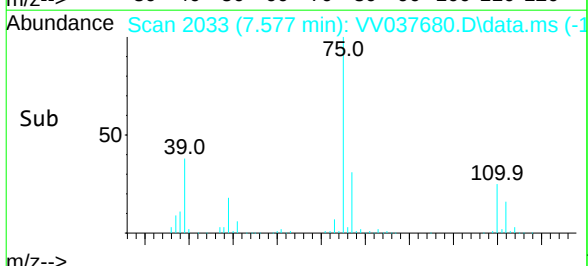
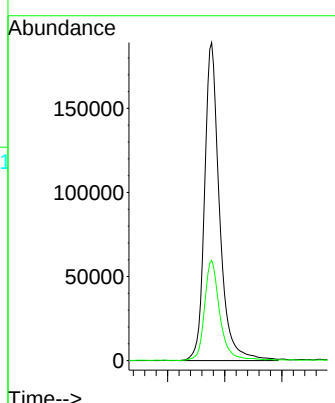
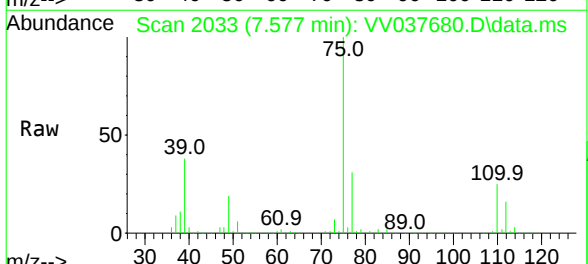
Ion	Ratio	Lower	Upper
91	100		
92	58.2	41.1	76.3

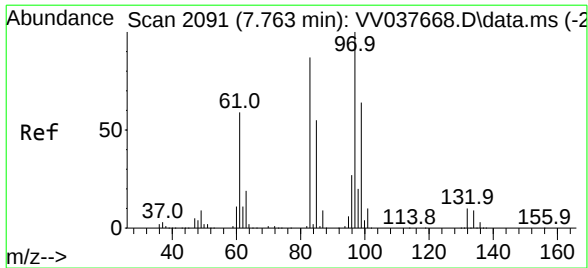


#44
 trans-1,3-Dichloropropene
 Concen: 49.790 ug/L
 RT: 7.577 min Scan# 2033
 Delta R.T. 0.000 min
 Lab File: VV037680.D
 Acq: 01 Oct 2024 00:34

Tgt Ion: 75 Resp: 345272

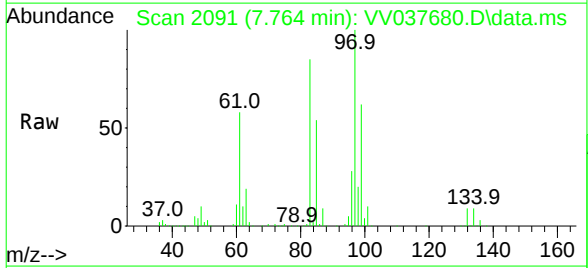
Ion	Ratio	Lower	Upper
75	100		
77	31.4	21.9	40.7





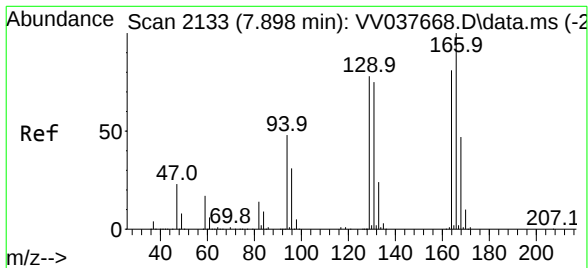
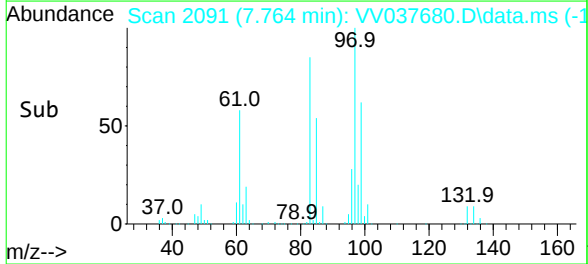
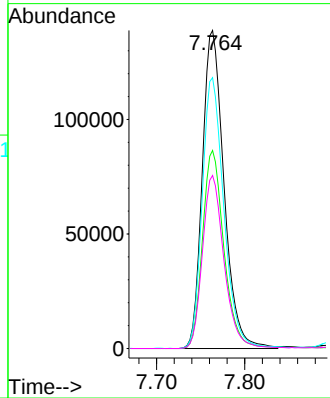
#45
1,1,2-Trichloroethane
Concen: 51.286 ug/L
RT: 7.764 min Scan# 2091
Delta R.T. 0.000 min
Lab File: VV037680.D
Acq: 01 Oct 2024 00:34

Instrument :
MSVOA_V
ClientSampleId :
EY052MS



Tgt Ion: 97 Resp: 237619

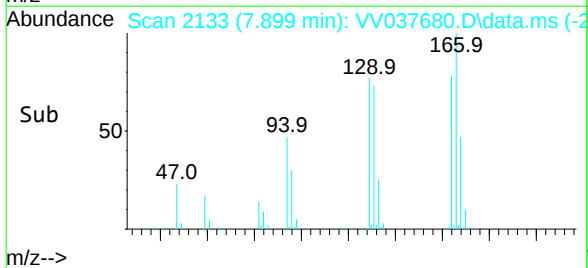
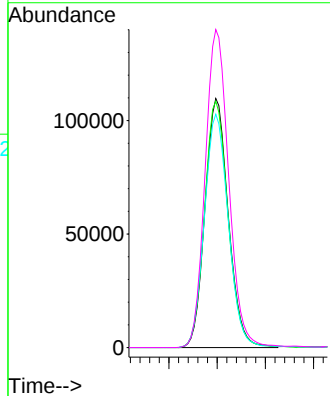
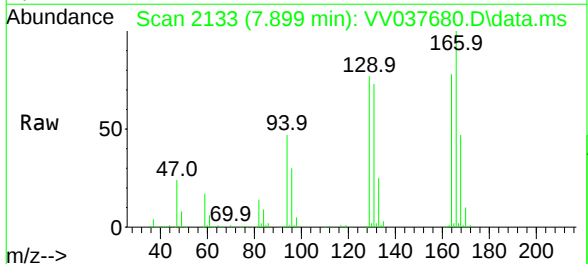
Ion	Ratio	Lower	Upper
97	100		
99	62.3	44.1	81.9
83	85.1	59.3	110.1
85	54.4	39.0	72.4

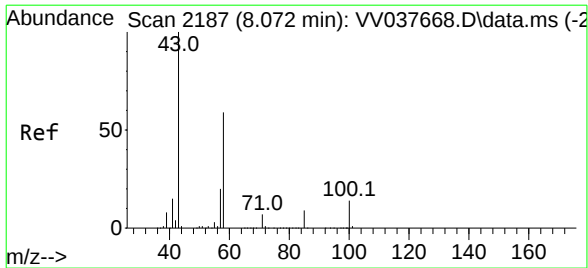


#46
Tetrachloroethene
Concen: 48.566 ug/L
RT: 7.899 min Scan# 2133
Delta R.T. 0.000 min
Lab File: VV037680.D
Acq: 01 Oct 2024 00:34

Tgt Ion: 164 Resp: 184782

Ion	Ratio	Lower	Upper
164	100		
129	98.9	68.2	126.6
131	93.7	66.1	122.8
166	127.7	91.1	169.1

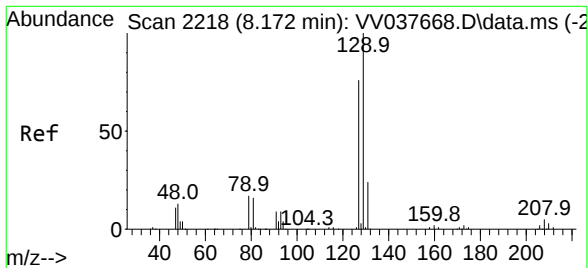
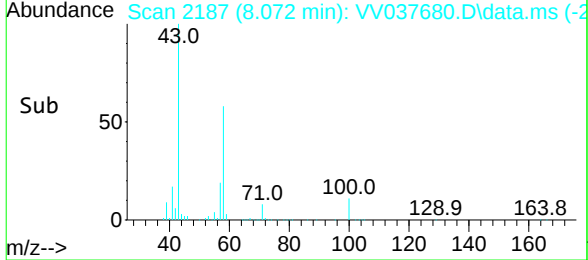
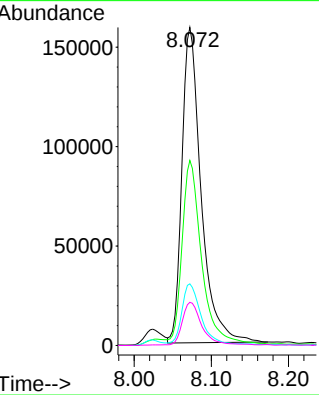
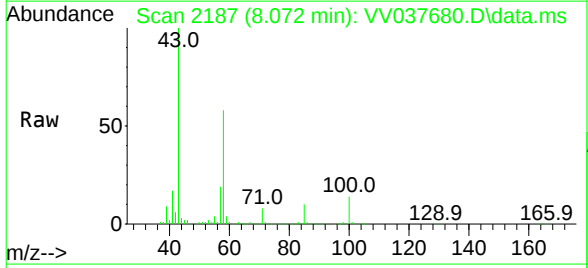




#48
2-Hexanone
Concen: 89.873 ug/L
RT: 8.072 min Scan# 2187
Delta R.T. 0.000 min
Lab File: VV037680.D
Acq: 01 Oct 2024 00:34

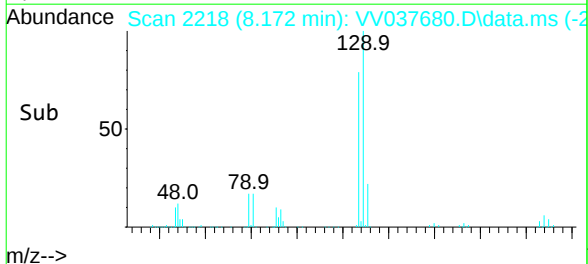
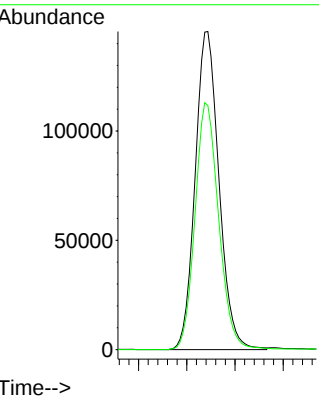
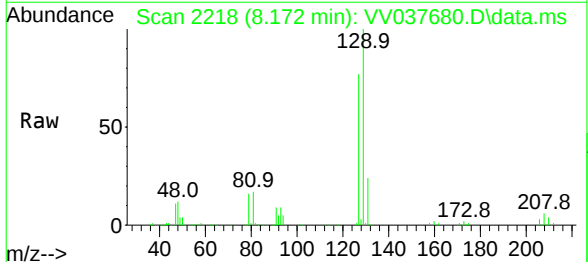
Instrument :
MSVOA_V
ClientSampleId :
EY052MS

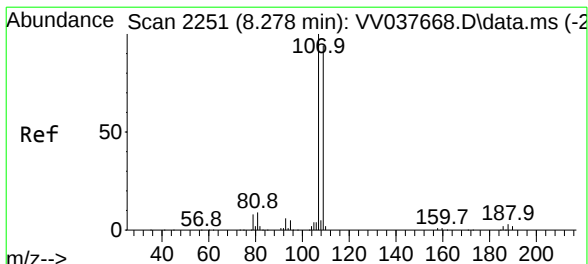
Tgt Ion: 43	Resp: 274559
Ion Ratio	Lower Upper
43 100	
58 58.7	46.5 69.7
57 18.8	15.1 22.7
100 13.4	10.7 16.1



#49
Dibromochloromethane
Concen: 50.947 ug/L
RT: 8.172 min Scan# 2218
Delta R.T. 0.000 min
Lab File: VV037680.D
Acq: 01 Oct 2024 00:34

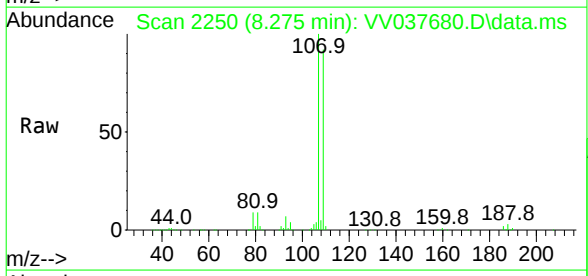
Tgt Ion: 129	Resp: 249830
Ion Ratio	Lower Upper
129 100	
127 76.8	54.9 101.9





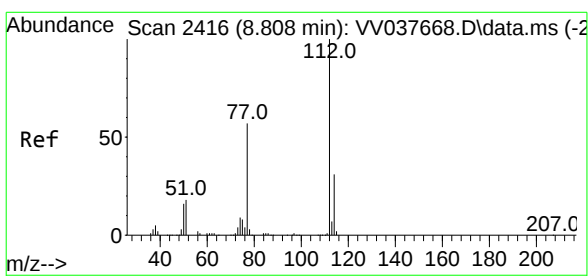
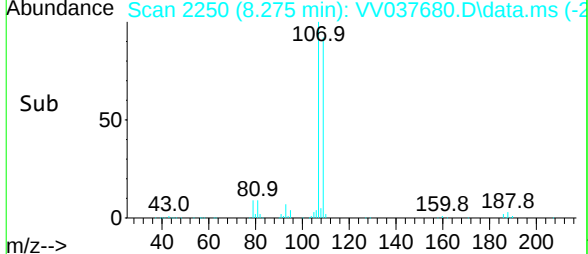
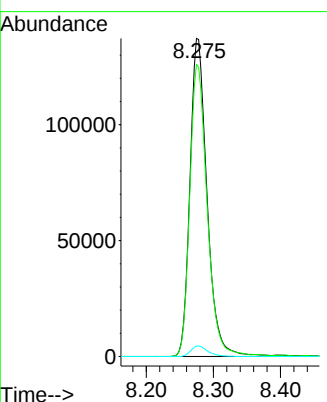
#50
 1,2-Dibromoethane
 Concen: 50.554 ug/L
 RT: 8.275 min Scan# 2250
 Delta R.T. -0.003 min
 Lab File: VV037680.D
 Acq: 01 Oct 2024 00:34

Instrument :
 MSVOA_V
 ClientSampleId :
 EY052MS



Tgt Ion: 107 Resp: 242122

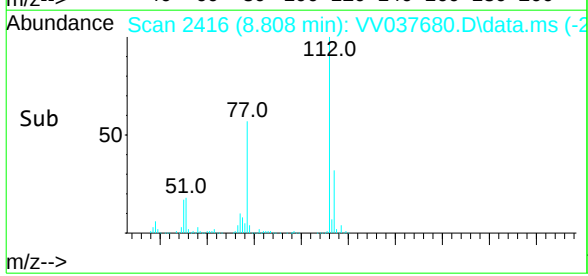
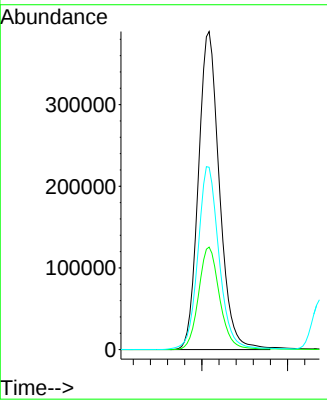
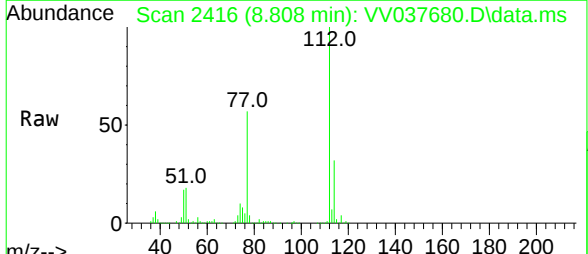
Ion	Ratio	Lower	Upper
107	100		
109	91.7	65.7	121.9
188	3.3	2.8	4.2

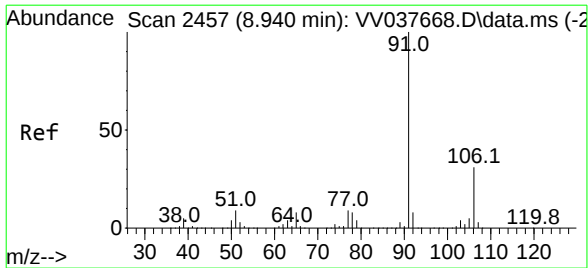


#51
 Chlorobenzene
 Concen: 50.335 ug/L
 RT: 8.808 min Scan# 2416
 Delta R.T. 0.000 min
 Lab File: VV037680.D
 Acq: 01 Oct 2024 00:34

Tgt Ion: 112 Resp: 664318

Ion	Ratio	Lower	Upper
112	100		
114	32.2	22.5	41.7
77	57.3	45.8	68.8

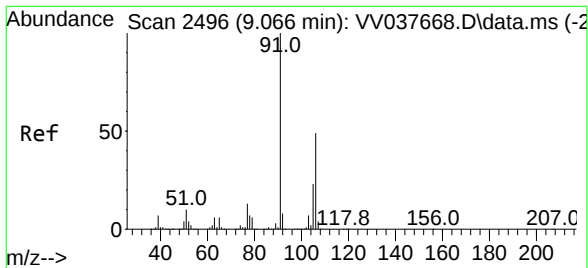
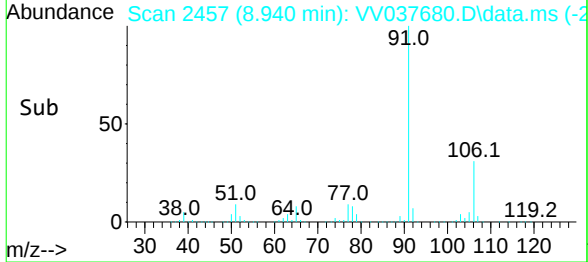
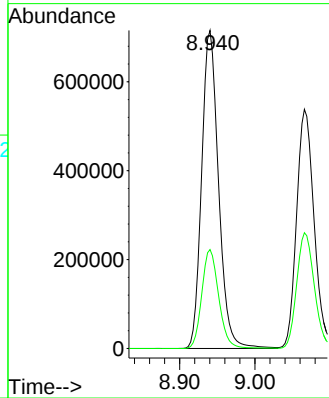
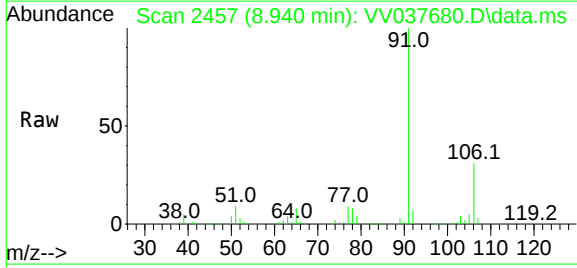




#52
 Ethylbenzene
 Concen: 51.163 ug/L
 RT: 8.940 min Scan# 2457
 Delta R.T. 0.000 min
 Lab File: VV037680.D
 Acq: 01 Oct 2024 00:34

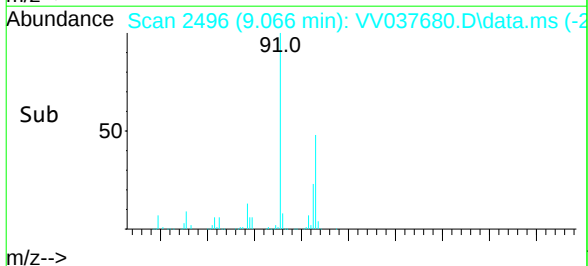
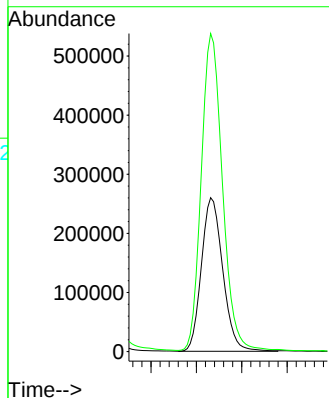
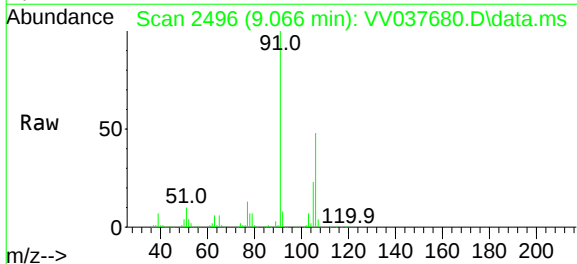
Instrument :
 MSVOA_V
 ClientSampleId :
 EY052MS

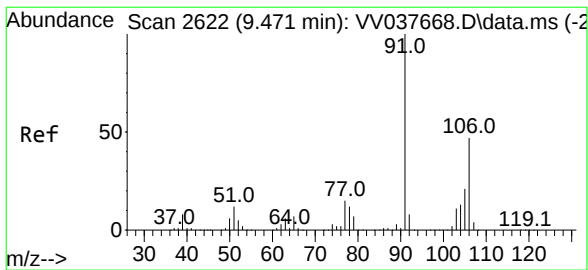
Tgt Ion: 91 Resp: 1115646
 Ion Ratio Lower Upper
 91 100
 106 31.1 21.9 40.7



#53
 m,p-Xylene
 Concen: 52.300 ug/L
 RT: 9.066 min Scan# 2496
 Delta R.T. 0.000 min
 Lab File: VV037680.D
 Acq: 01 Oct 2024 00:34

Tgt Ion: 106 Resp: 424438
 Ion Ratio Lower Upper
 106 100
 91 206.6 142.0 263.6





#54

o-Xylene

Concen: 52.278 ug/L

RT: 9.471 min Scan# 2622

Delta R.T. 0.000 min

Lab File: VV037680.D

Acq: 01 Oct 2024 00:34

Instrument :

MSVOA_V

ClientSampleId :

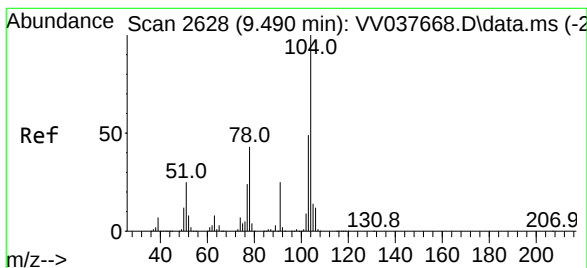
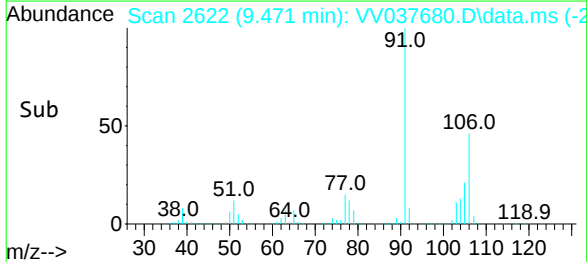
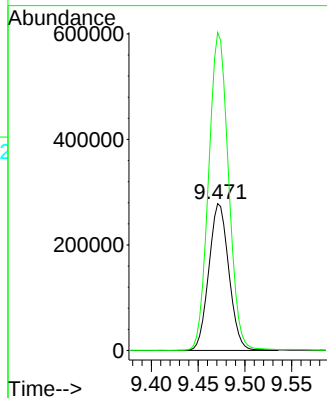
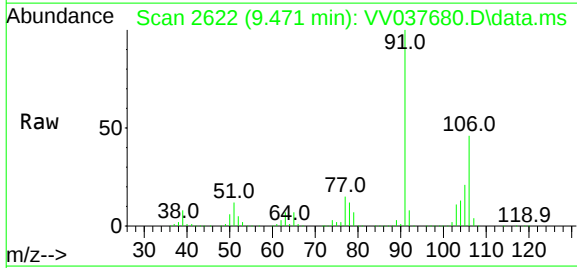
EY052MS

Tgt Ion:106 Resp: 414199

Ion Ratio Lower Upper

106 100

91 216.6 153.9 285.9



#55

Styrene

Concen: 53.062 ug/L

RT: 9.490 min Scan# 2628

Delta R.T. 0.000 min

Lab File: VV037680.D

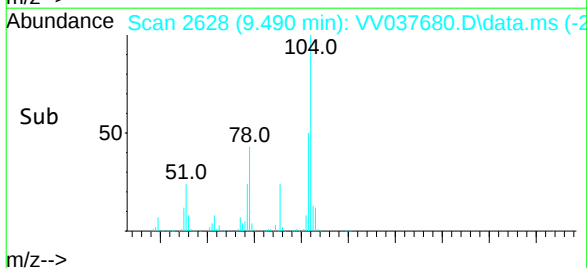
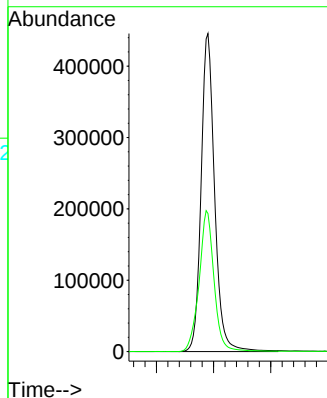
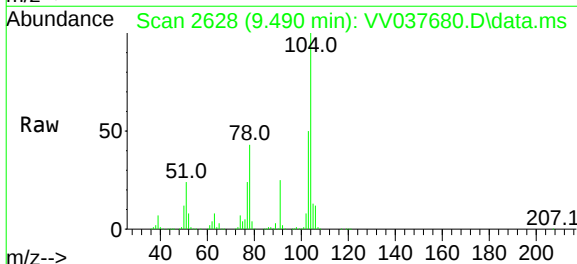
Acq: 01 Oct 2024 00:34

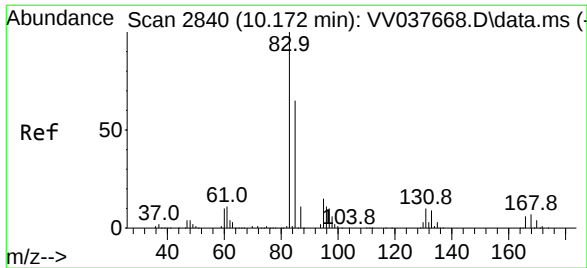
Tgt Ion:104 Resp: 731869

Ion Ratio Lower Upper

104 100

78 43.4 30.0 55.6

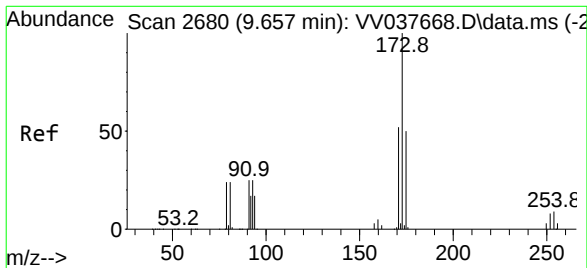
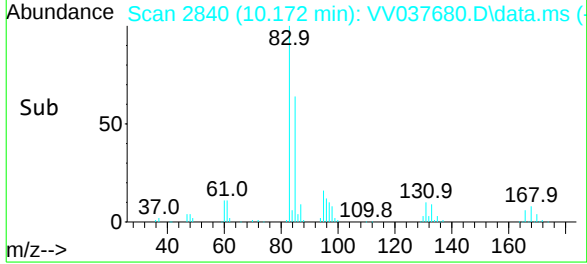
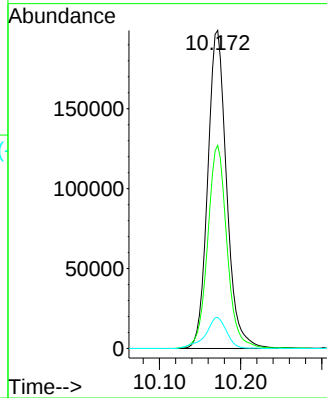
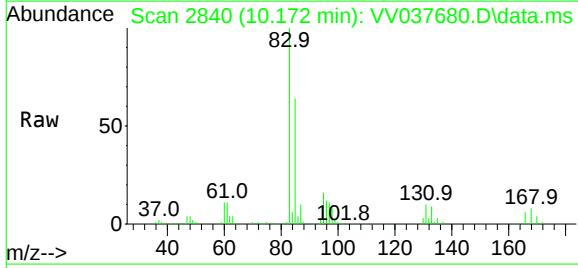




#57
1,1,2,2-Tetrachloroethane
Concen: 49.828 ug/L
RT: 10.172 min Scan# 2840
Delta R.T. 0.000 min
Lab File: VV037680.D
Acq: 01 Oct 2024 00:34

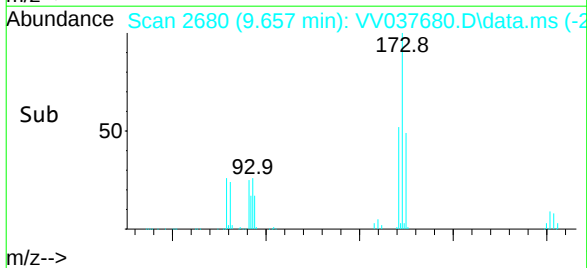
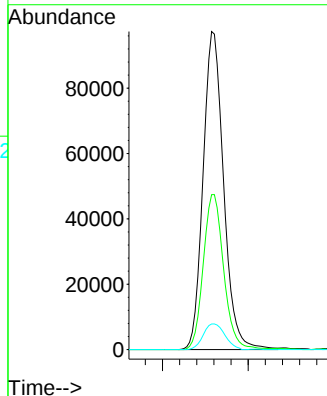
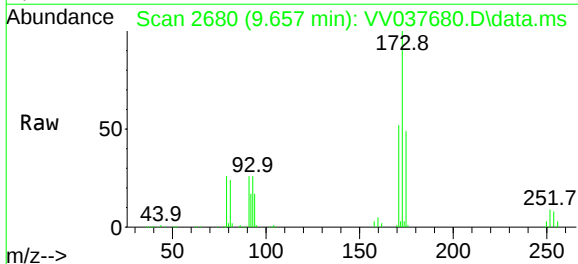
Instrument :
MSVOA_V
ClientSampleId :
EY052MS

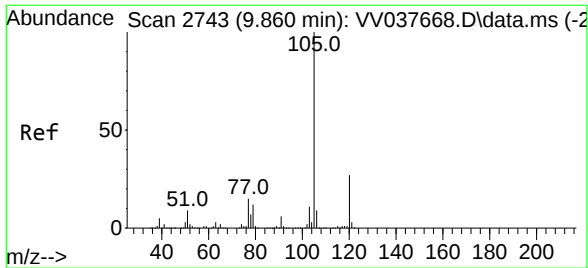
Tgt Ion: 83 Resp: 321878
Ion Ratio Lower Upper
83 100
85 63.9 45.9 85.3
131 9.8 7.9 11.9



#59
Bromoform
Concen: 49.545 ug/L
RT: 9.657 min Scan# 2680
Delta R.T. 0.000 min
Lab File: VV037680.D
Acq: 01 Oct 2024 00:34

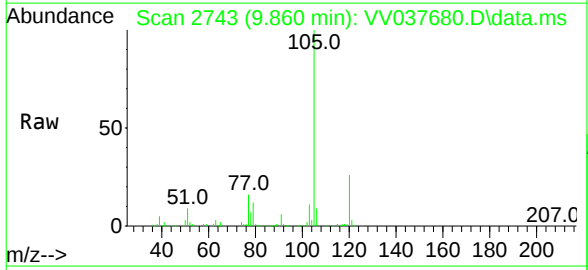
Tgt Ion: 173 Resp: 162031
Ion Ratio Lower Upper
173 100
175 48.4 40.0 60.0
254 8.5 6.5 9.7



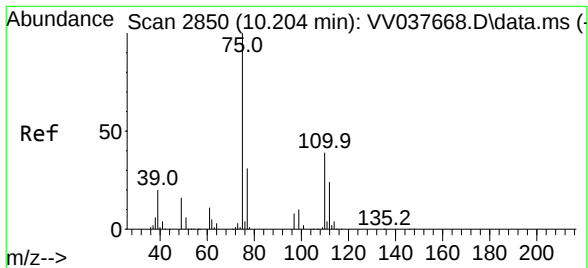
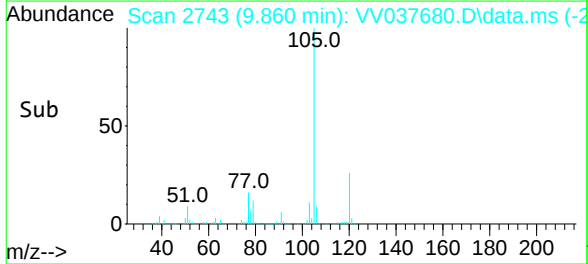
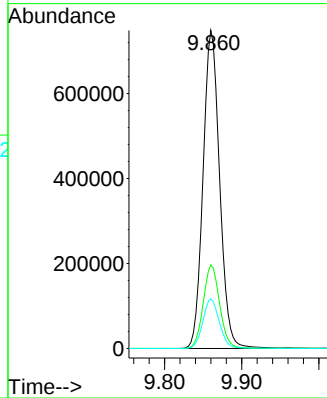


#60
Isopropylbenzene
Concen: 51.415 ug/L
RT: 9.860 min Scan# 2743
Delta R.T. 0.000 min
Lab File: VV037680.D
Acq: 01 Oct 2024 00:34

Instrument :
MSVOA_V
ClientSampleId :
EY052MS

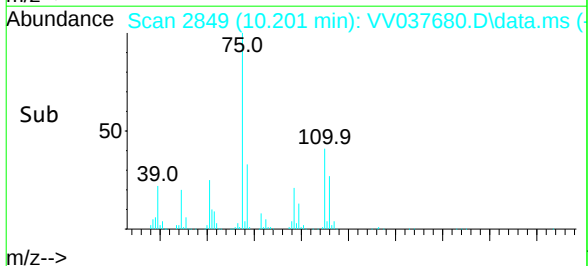
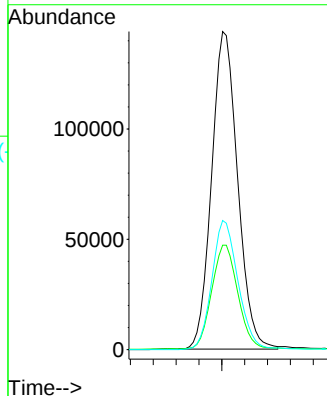
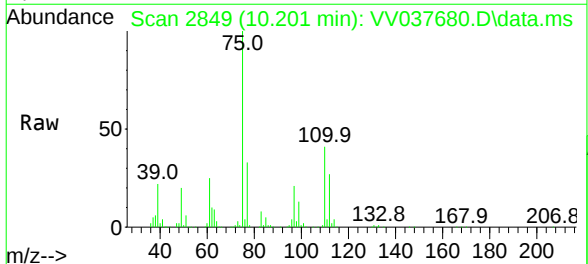


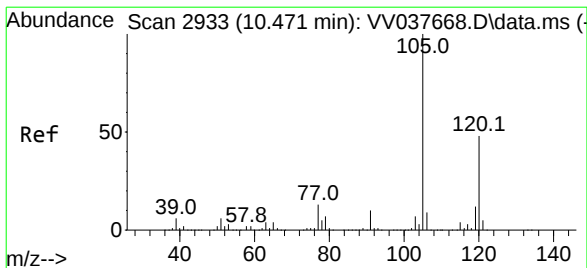
Tgt Ion:105 Resp: 1118483
Ion Ratio Lower Upper
105 100
120 26.0 20.7 31.1
77 15.4 12.2 18.2



#61
1,2,3-Trichloropropane
Concen: 47.810 ug/L
RT: 10.201 min Scan# 2849
Delta R.T. -0.003 min
Lab File: VV037680.D
Acq: 01 Oct 2024 00:34

Tgt Ion: 75 Resp: 227637
Ion Ratio Lower Upper
75 100
77 32.9 25.4 38.0
110 40.9 31.7 47.5





#62

1,3,5-Trimethylbenzene

Concen: 51.499 ug/L

RT: 10.471 min Scan# 2933

Delta R.T. 0.000 min

Lab File: VV037680.D

Acq: 01 Oct 2024 00:34

Instrument :

MSVOA_V

ClientSampleId :

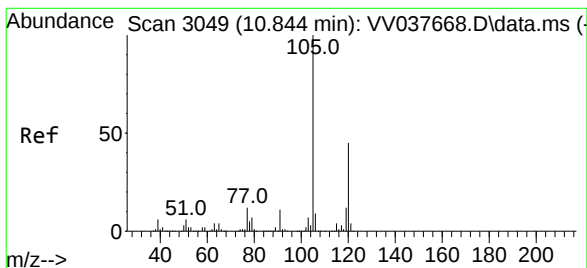
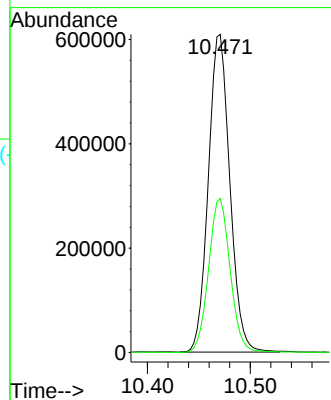
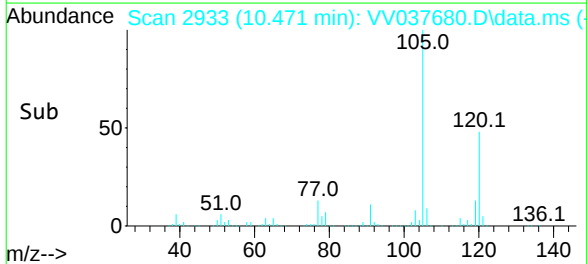
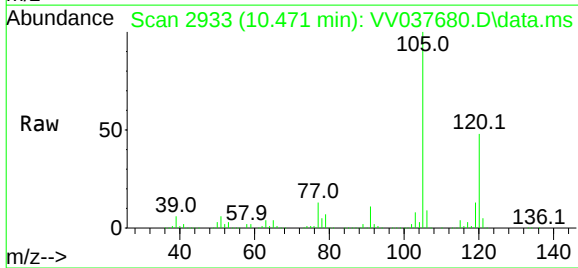
EY052MS

Tgt Ion:105 Resp: 885724

Ion Ratio Lower Upper

105 100

120 48.6 39.3 58.9



#63

1,2,4-Trimethylbenzene

Concen: 51.658 ug/L

RT: 10.844 min Scan# 3049

Delta R.T. 0.000 min

Lab File: VV037680.D

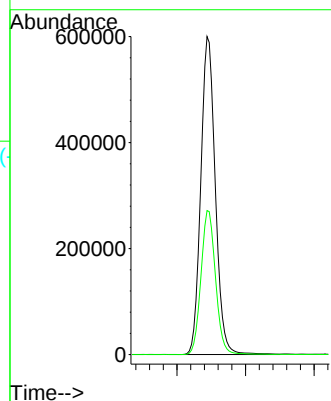
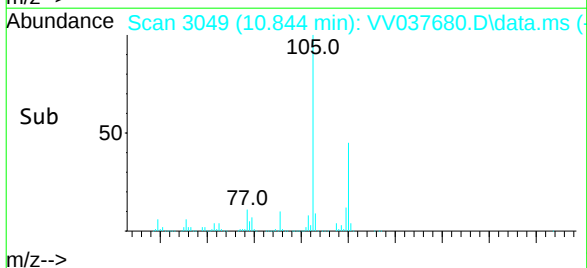
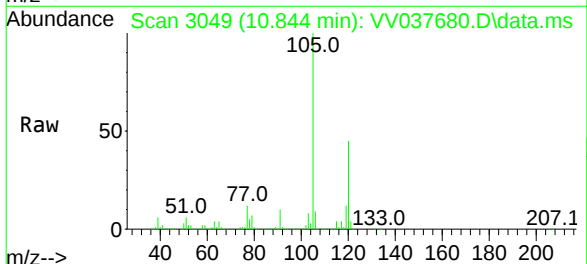
Acq: 01 Oct 2024 00:34

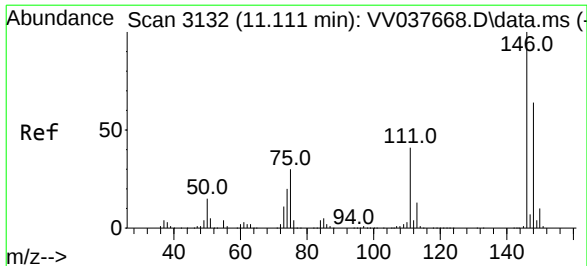
Tgt Ion:105 Resp: 884001

Ion Ratio Lower Upper

105 100

120 45.4 36.2 54.2





#64

1,3-Dichlorobenzene

Concen: 50.006 ug/L

RT: 11.111 min Scan# 3132

Delta R.T. 0.000 min

Lab File: VV037680.D

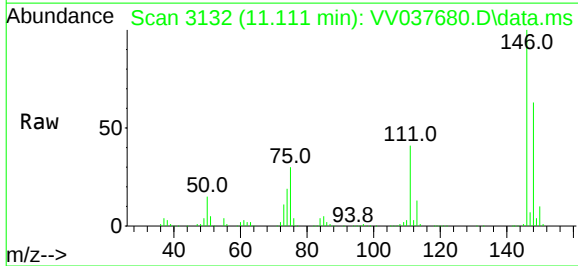
Acq: 01 Oct 2024 00:34

Instrument :

MSVOA_V

ClientSampleId :

EY052MS



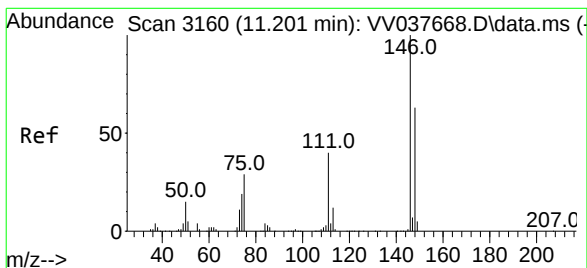
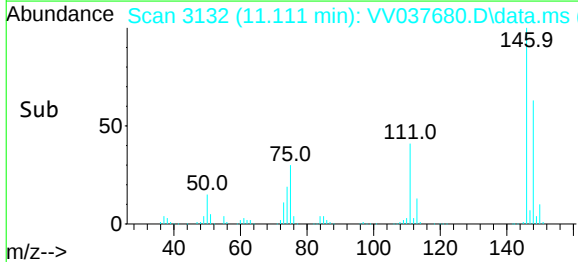
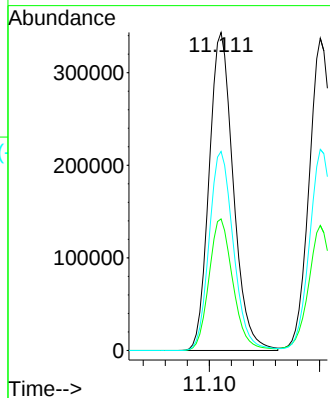
Tgt Ion:146 Resp: 523612

Ion Ratio Lower Upper

146 100

111 41.4 28.3 52.5

148 62.6 44.3 82.3



#65

1,4-Dichlorobenzene

Concen: 49.145 ug/L

RT: 11.201 min Scan# 3160

Delta R.T. 0.000 min

Lab File: VV037680.D

Acq: 01 Oct 2024 00:34

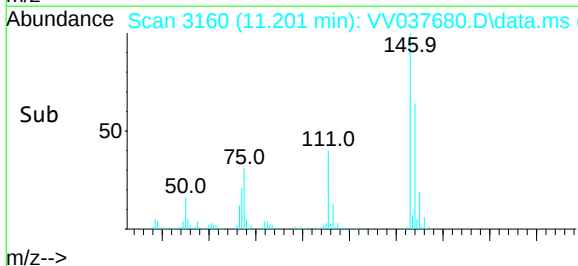
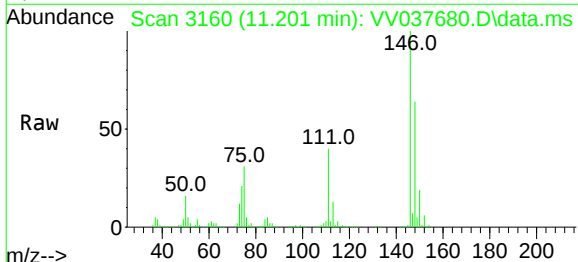
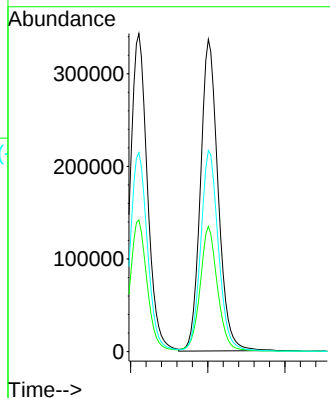
Tgt Ion:146 Resp: 535843

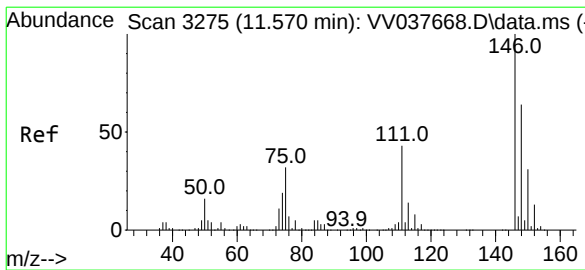
Ion Ratio Lower Upper

146 100

111 40.0 27.6 51.4

148 64.4 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 49.796 ug/L

RT: 11.570 min Scan# 3275

Delta R.T. 0.000 min

Lab File: VV037680.D

Acq: 01 Oct 2024 00:34

Instrument :

MSVOA_V

ClientSampleId :

EY052MS

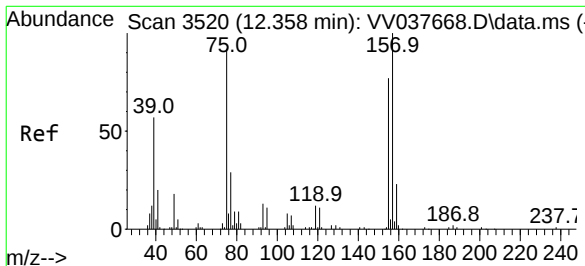
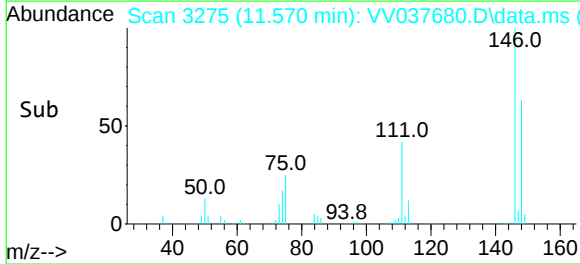
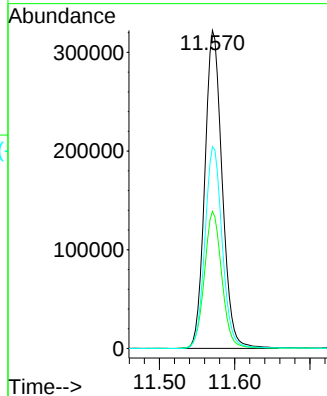
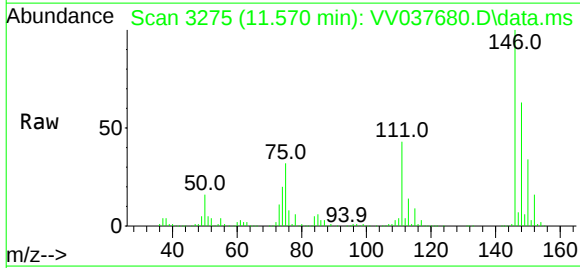
Tgt Ion:146 Resp: 515448

Ion Ratio Lower Upper

146 100

111 43.1 34.2 51.2

148 63.4 50.9 76.3



#68

1,2-Dibromo-3-chloropropane

Concen: 44.631 ug/L

RT: 12.355 min Scan# 3519

Delta R.T. -0.003 min

Lab File: VV037680.D

Acq: 01 Oct 2024 00:34

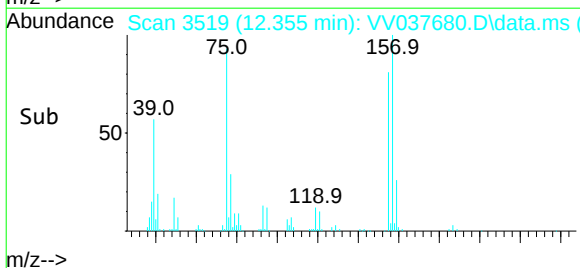
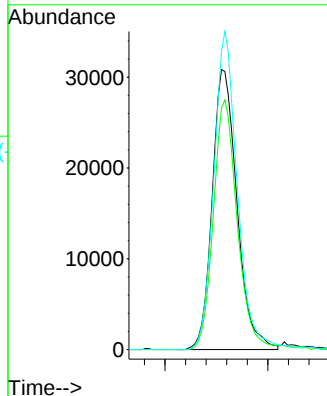
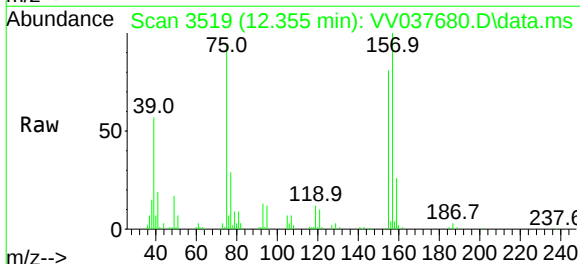
Tgt Ion: 75 Resp: 51584

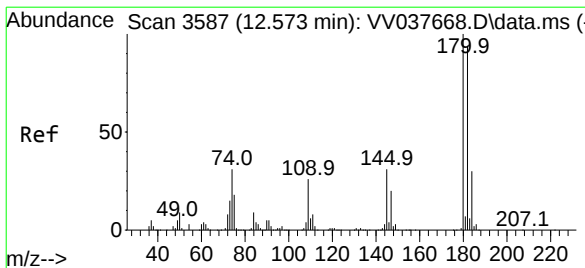
Ion Ratio Lower Upper

75 100

155 86.3 66.2 99.4

157 106.6 87.3 130.9





#69

1,3,5-Trichlorobenzene

Concen: 46.980 ug/L

RT: 12.574 min Scan# 3587

Delta R.T. 0.000 min

Lab File: VV037680.D

Acq: 01 Oct 2024 00:34

Instrument :

MSVOA_V

ClientSampleId :

EY052MS

Tgt Ion:180 Resp: 338286

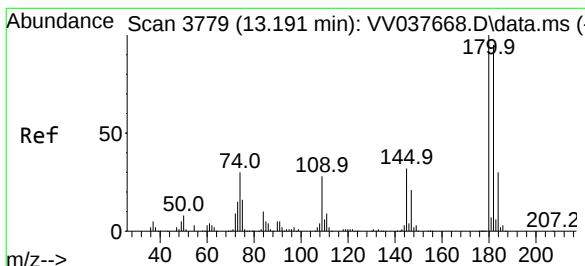
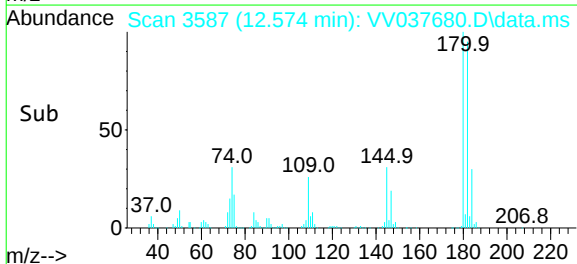
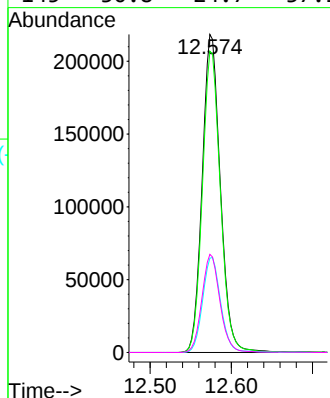
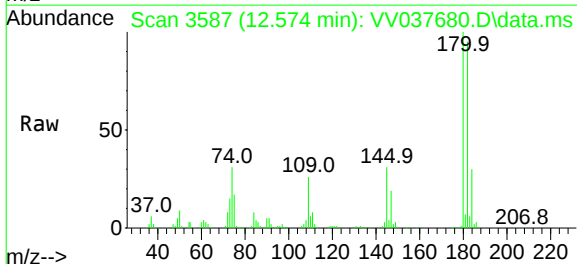
Ion Ratio Lower Upper

180 100

182 94.2 75.6 113.4

184 29.9 23.8 35.6

145 30.8 24.7 37.1



#70

1,2,4-trichlorobenzene

Concen: 45.643 ug/L

RT: 13.191 min Scan# 3779

Delta R.T. 0.000 min

Lab File: VV037680.D

Acq: 01 Oct 2024 00:34

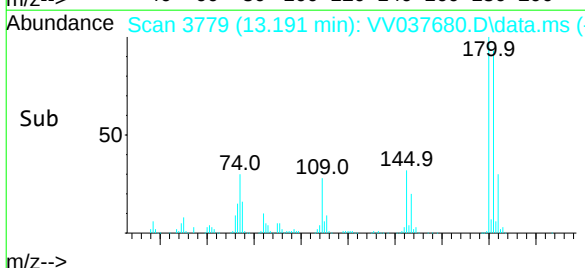
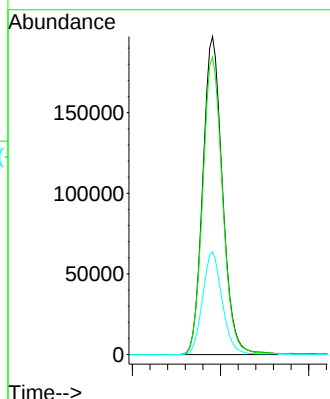
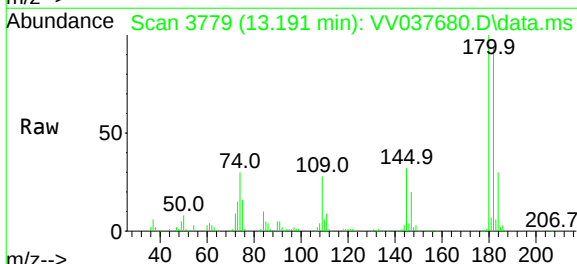
Tgt Ion:180 Resp: 304933

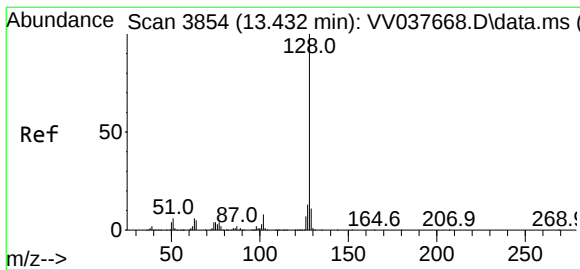
Ion Ratio Lower Upper

180 100

182 94.7 75.9 113.9

145 32.4 25.4 38.2

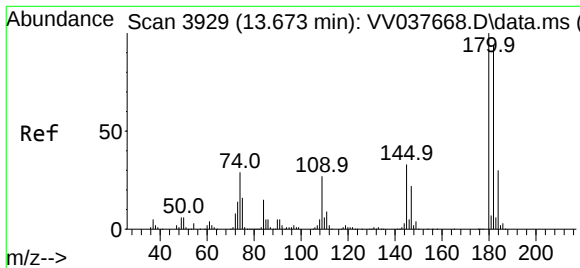
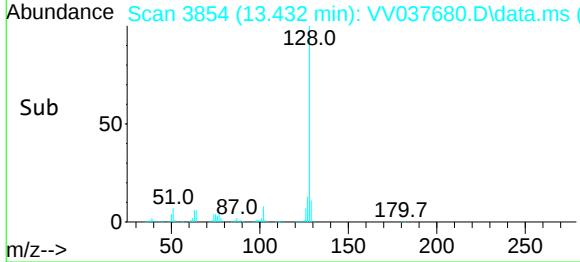
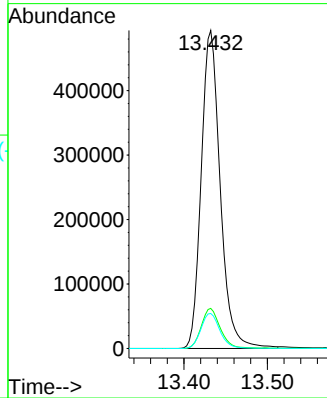
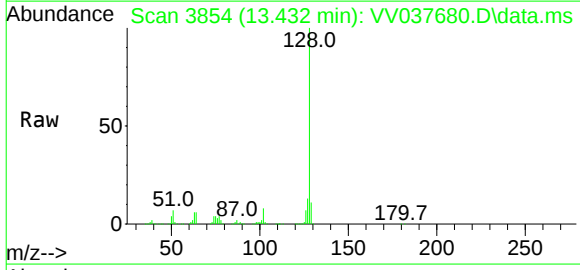




#71
Naphthalene
Concen: 44.730 ug/L
RT: 13.432 min Scan# 3854
Delta R.T. 0.000 min
Lab File: VV037680.D
Acq: 01 Oct 2024 00:34

Instrument :
MSVOA_V
ClientSampleId :
EY052MS

Tgt Ion:	128	Resp:	780748
Ion Ratio	Lower	Upper	
128	100		
127	12.6	10.2	15.4
129	11.0	8.5	12.7



#72
1,2,3-Trichlorobenzene
Concen: 45.802 ug/L
RT: 13.673 min Scan# 3929
Delta R.T. 0.000 min
Lab File: VV037680.D
Acq: 01 Oct 2024 00:34

Tgt Ion:	180	Resp:	302178
Ion Ratio	Lower	Upper	
180	100		
182	94.1	75.8	113.8
145	34.3	26.2	39.4

