

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV093024\
 Data File : VV037681.D
 Acq On : 01 Oct 2024 00:55
 Operator : SY/MD
 Sample : P4205-03MSD
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EY075MSD

Quant Time: Oct 01 07:49:11 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	661660	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	636687	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	337597	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	271607	46.762	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.520%
7) Chloroethane-d5	1.532	69	203030	45.033	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.060%
11) 1,1-Dichloroethene-d2	2.060	65	109641	45.182	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.360%
21) 2-Butanone-d5	3.789	46	178447	86.256	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	86.260%
24) Chloroform-d	4.243	84	469332	45.418	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.840%
26) 1,2-Dichloroethane-d4	4.937	65	275767	45.592	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.180%
32) Benzene-d6	4.953	84	922854	46.321	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.640%
36) 1,2-Dichloropropane-d6	5.982	67	286992	45.237	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.480%
41) Toluene-d8	7.236	98	866520	47.965	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.920%
43) trans-1,3-Dichloroprop...	7.548	79	130808	44.385	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.780%
47) 2-Hexanone-d5	8.021	63	122233	91.244	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.240%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	324770	44.058	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.120%
66) 1,2-Dichlorobenzene-d4	11.551	152	330126	46.406	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.820%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	275453	48.902	ug/L	99
3) Chloromethane	1.217	50	265520	48.554	ug/L	99
5) Vinyl chloride	1.285	62	1298961	221.565	ug/L	99
6) Bromomethane	1.487	94	160195	49.238	ug/L	99
8) Chloroethane	1.548	64	1162890	321.820	ug/L	98
9) Trichlorofluoromethane	1.716	101	392055	49.681	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	231709	49.136	ug/L	99
12) 1,1-Dichloroethene	2.069	96	264679	60.086	ug/L	84
13) Acetone	2.111	43	123891	61.088	ug/L	100
14) Carbon disulfide	2.240	76	636894	46.320	ug/L	100
15) Methyl Acetate	2.372	43	136245	38.495	ug/L	98
16) Methylene chloride	2.445	84	247188	49.560	ug/L	98
17) trans-1,2-Dichloroethene	2.690	96	365795	78.495	ug/L	98
18) Methyl tert-butyl Ether	2.703	73	669637	50.086	ug/L	100
19) 1,1-Dichloroethane	3.105	63	5831128	653.088	ug/L	99
20) cis-1,2-Dichloroethene	3.806	96	5128676	983.472	ug/L	99
22) 2-Butanone	3.876	43	176820	78.771	ug/L	90
23) Bromochloromethane	4.140	128	131399	48.711	ug/L	100
25) Chloroform	4.272	83	458757	49.626	ug/L	98

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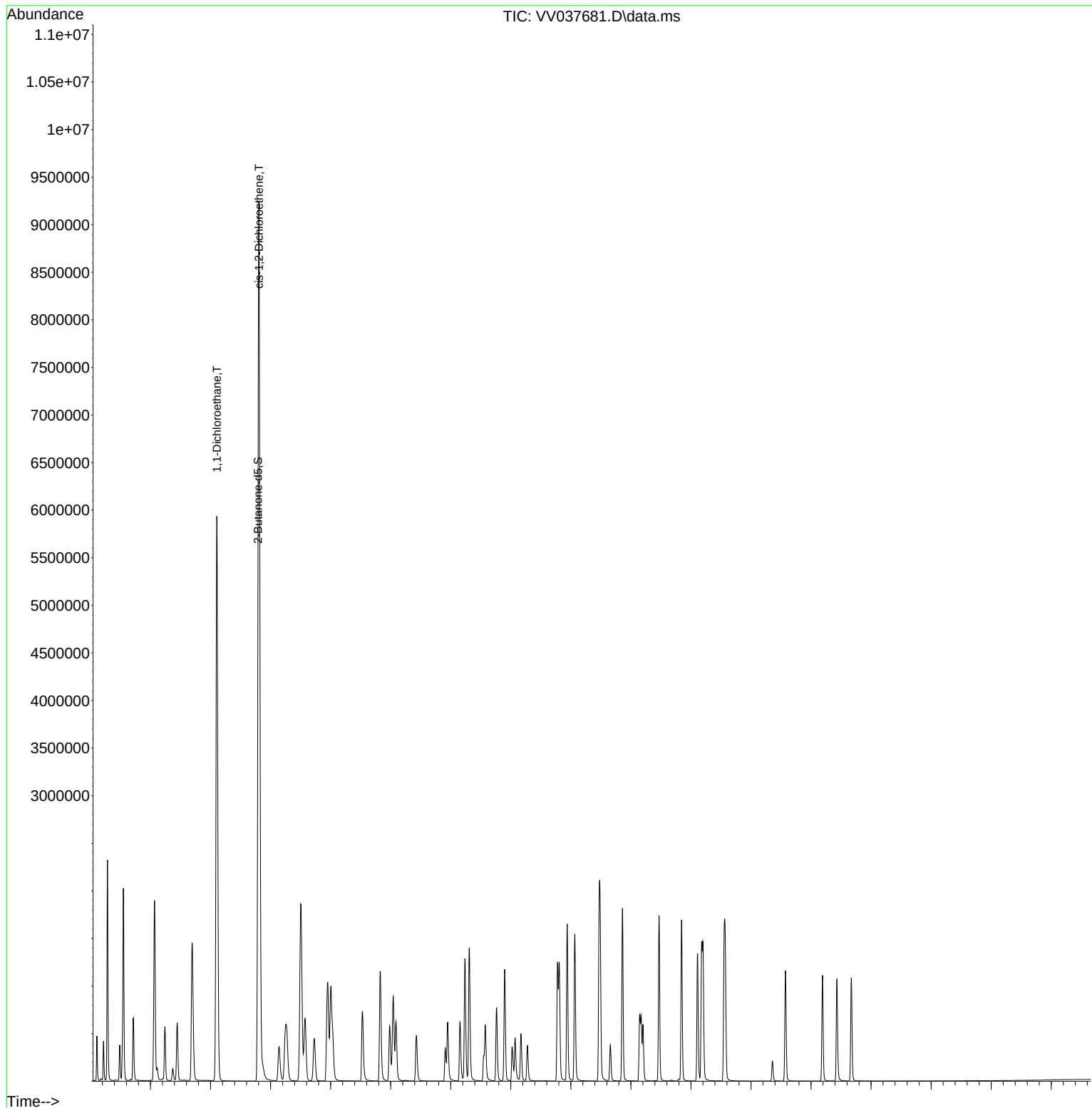
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	374288	57.353	ug/L	99
29) Cyclohexane	4.574	56	361557	50.015	ug/L	100
30) 1,1,1-Trichloroethane	4.503	97	1564436	199.504	ug/L	99
31) Carbon tetrachloride	4.728	117	342842	50.288	ug/L	100
33) Benzene	5.005	78	1012030	52.705	ug/L	100
34) Trichloroethene	5.825	95	418673	81.874	ug/L	98
35) Methylcyclohexane	6.043	83	380431	48.360	ug/L	99
37) 1,2-Dichloropropane	6.088	63	252296	50.882	ug/L	99
38) Bromodichloromethane	6.426	83	335968	50.686	ug/L	97
39) cis-1,3-Dichloropropene	6.950	75	381319	48.176	ug/L	100
40) 4-Methyl-2-pentanone	7.156	43	396956	98.324	ug/L	99
42) Toluene	7.310	91	1038845	52.187	ug/L	99
44) trans-1,3-Dichloropropene	7.574	75	351629	49.345	ug/L	99
45) 1,1,2-Trichloroethane	7.764	97	246500	51.774	ug/L	99
46) Tetrachloroethene	7.899	164	255678	65.395	ug/L	99
48) 2-Hexanone	8.072	43	268592	85.559	ug/L	95
49) Dibromochloromethane	8.169	129	250382	49.688	ug/L	97
50) 1,2-Dibromoethane	8.278	107	246287	50.043	ug/L	99
51) Chlorobenzene	8.809	112	677708	49.971	ug/L	99
52) Ethylbenzene	8.940	91	1150146	51.328	ug/L	99
53) m,p-Xylene	9.066	106	440868	52.866	ug/L	98
54) o-Xylene	9.471	106	423712	52.042	ug/L	96
55) Styrene	9.490	104	749658	52.892	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.172	83	324091	48.824	ug/L	99
59) Bromoform	9.657	173	164449	49.839	ug/L	98
60) Isopropylbenzene	9.860	105	1146798	52.249	ug/L	100
61) 1,2,3-Trichloropropane	10.201	75	232531	48.405	ug/L	99
62) 1,3,5-Trimethylbenzene	10.468	105	916371	52.809	ug/L	99
63) 1,2,4-Trimethylbenzene	10.844	105	903016	52.302	ug/L	99
64) 1,3-Dichlorobenzene	11.111	146	539143	51.033	ug/L	99
65) 1,4-Dichlorobenzene	11.201	146	555113	50.461	ug/L	99
67) 1,2-Dichlorobenzene	11.571	146	526082	50.373	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.358	75	53399	45.792	ug/L	97
69) 1,3,5-Trichlorobenzene	12.574	180	352535	48.525	ug/L	99
70) 1,2,4-trichlorobenzene	13.191	180	319834	47.450	ug/L	100
71) Naphthalene	13.429	128	865114	49.124	ug/L	99
72) 1,2,3-Trichlorobenzene	13.673	180	321603	48.315	ug/L	99

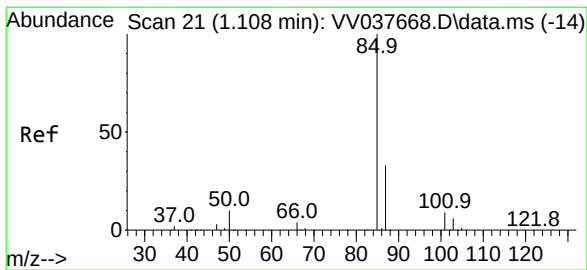
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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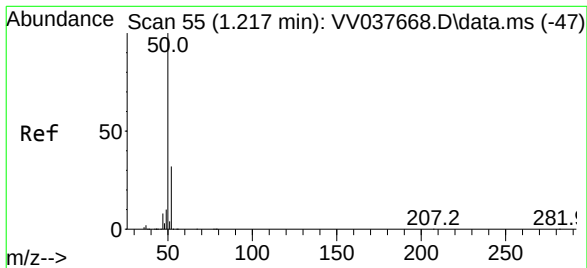
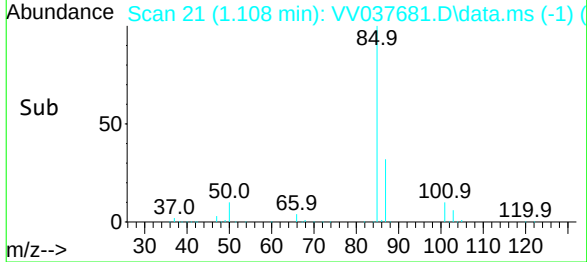
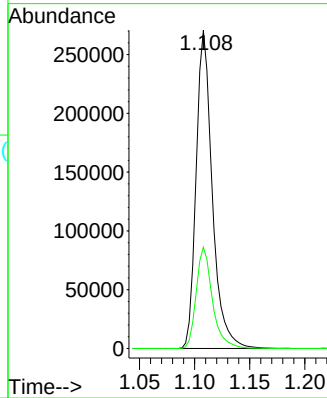
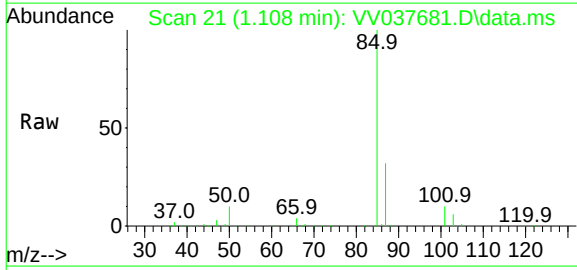




#2
 Dichlorodifluoromethane
 Concen: 48.902 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV037681.D
 Acq: 01 Oct 2024 00:55

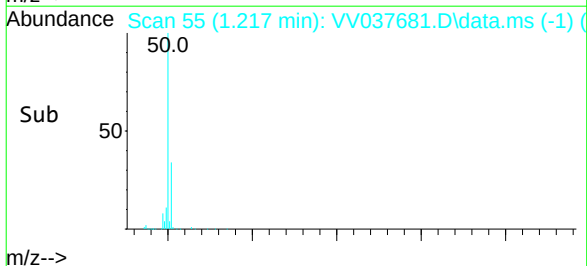
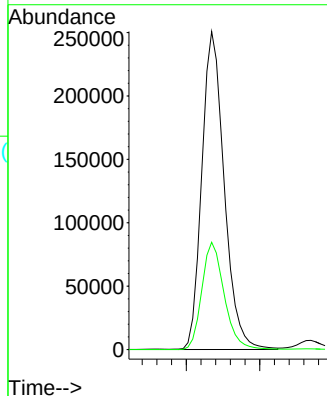
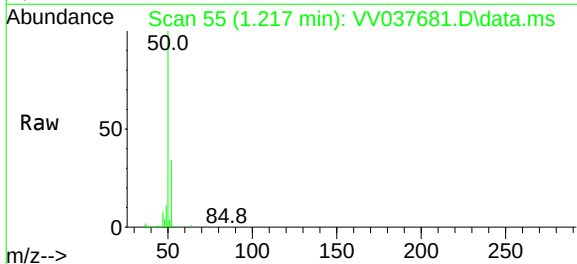
Instrument :
 MSVOA_V
 ClientSampleId :
 EY075MSD

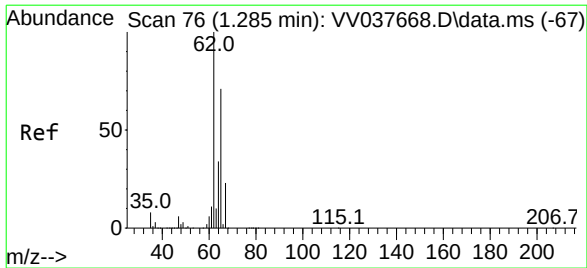
Tgt Ion: 85 Resp: 275453
 Ion Ratio Lower Upper
 85 100
 87 32.0 25.8 38.8



#3
 Chloromethane
 Concen: 48.554 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VV037681.D
 Acq: 01 Oct 2024 00:55

Tgt Ion: 50 Resp: 265520
 Ion Ratio Lower Upper
 50 100
 52 33.7 23.2 43.2

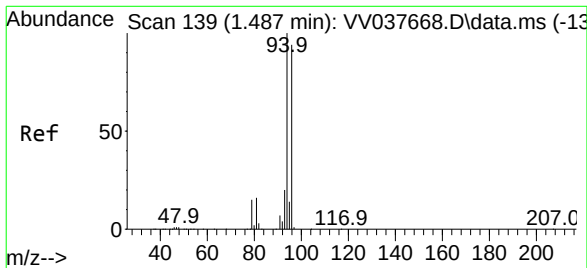
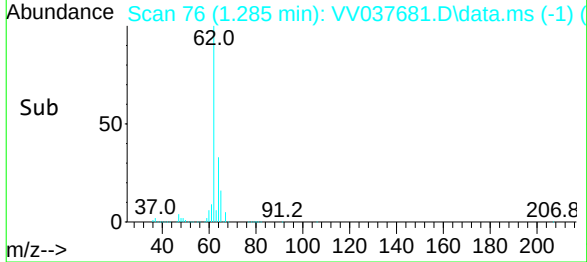
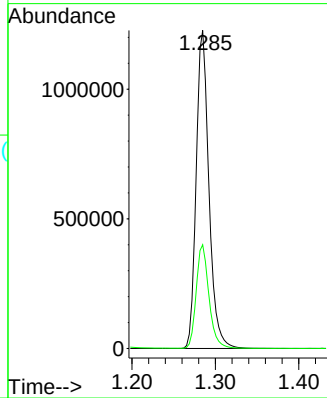
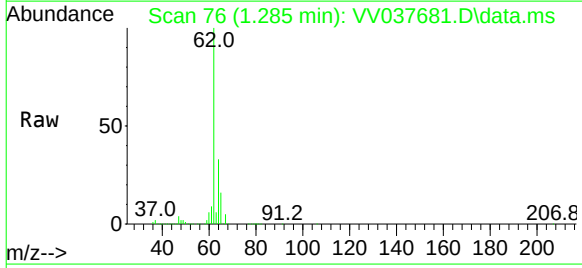




#5
 Vinyl chloride
 Concen: 221.565 ug/L
 RT: 1.285 min Scan# 76
 Delta R.T. 0.000 min
 Lab File: VV037681.D
 Acq: 01 Oct 2024 00:55

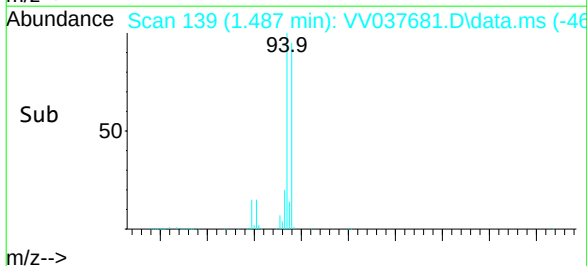
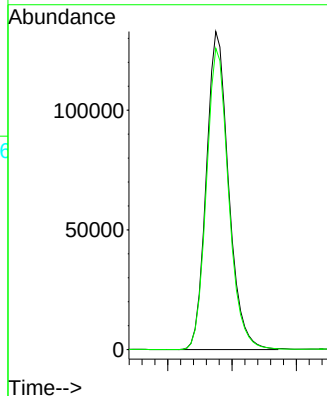
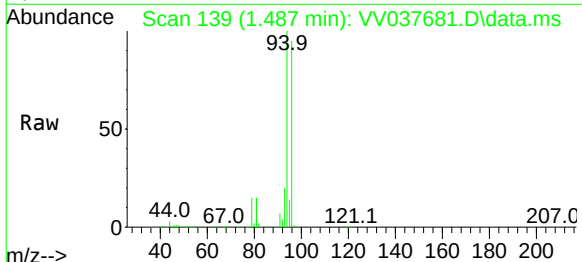
Instrument :
 MSVOA_V
 ClientSampleId :
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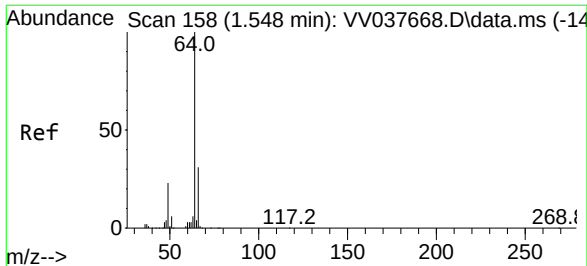
Tgt Ion: 62 Resp: 1298961
 Ion Ratio Lower Upper
 62 100
 64 32.6 23.2 43.0



#6
 Bromomethane
 Concen: 49.238 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. 0.000 min
 Lab File: VV037681.D
 Acq: 01 Oct 2024 00:55

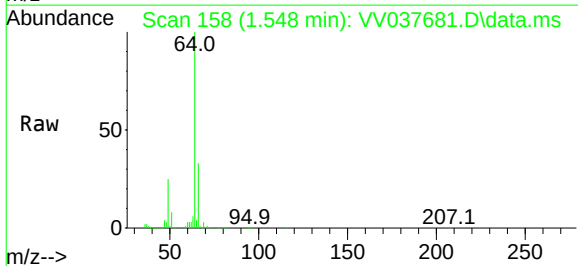
Tgt Ion: 94 Resp: 160195
 Ion Ratio Lower Upper
 94 100
 96 94.8 65.8 122.2



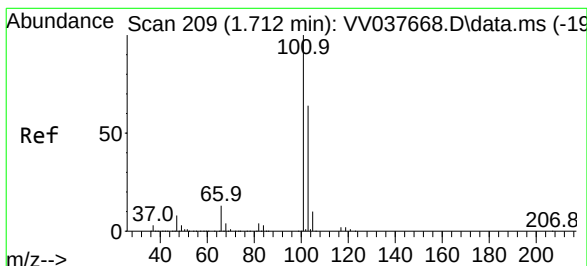
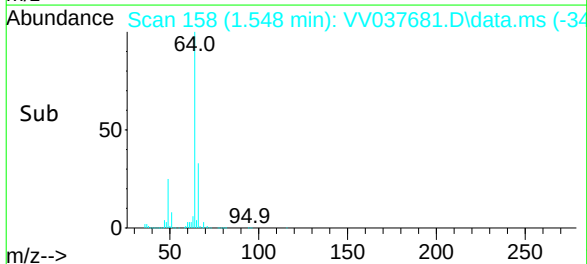
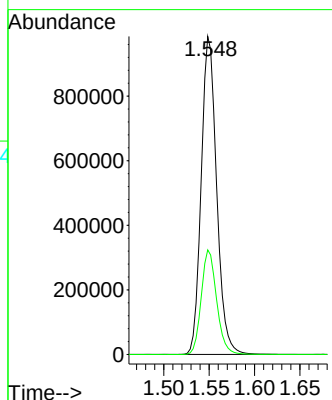


#8
Chloroethane
Concen: 321.820 ug/L
RT: 1.548 min Scan# 158
Delta R.T. 0.000 min
Lab File: VV037681.D
Acq: 01 Oct 2024 00:55

Instrument :
MSVOA_V
ClientSampleId :
EY075MSD

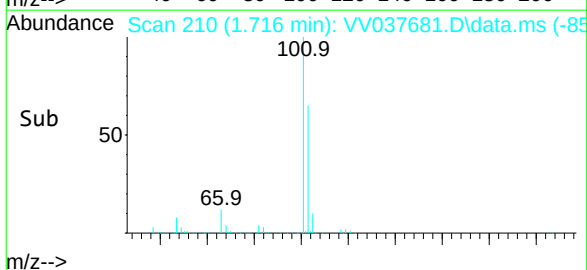
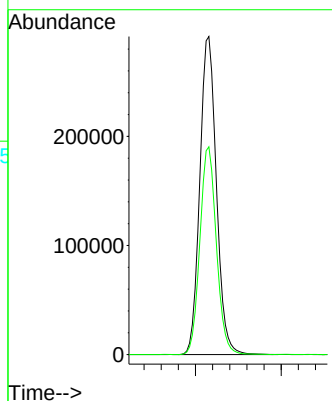
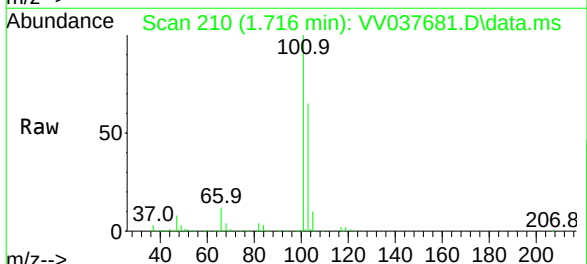


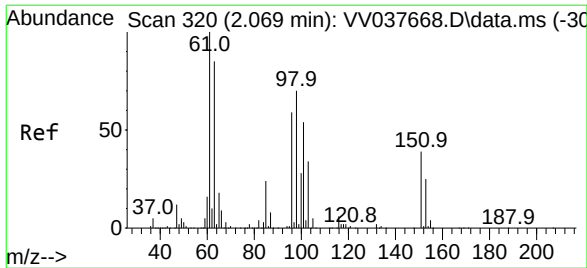
Tgt Ion: 64 Resp: 1162890
Ion Ratio Lower Upper
64 100
66 32.9 22.2 41.2



#9
Trichlorofluoromethane
Concen: 49.681 ug/L
RT: 1.716 min Scan# 210
Delta R.T. 0.003 min
Lab File: VV037681.D
Acq: 01 Oct 2024 00:55

Tgt Ion: 101 Resp: 392055
Ion Ratio Lower Upper
101 100
103 65.0 52.2 78.4

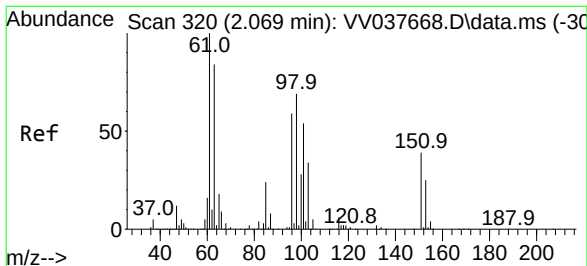
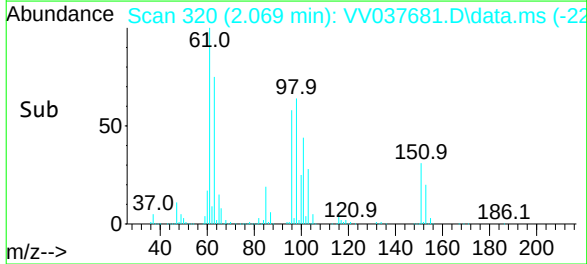
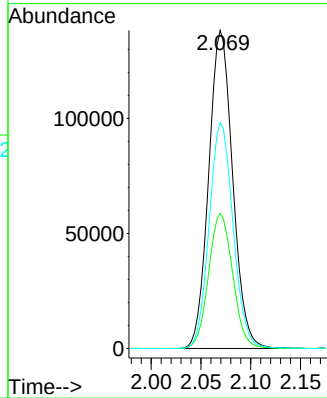
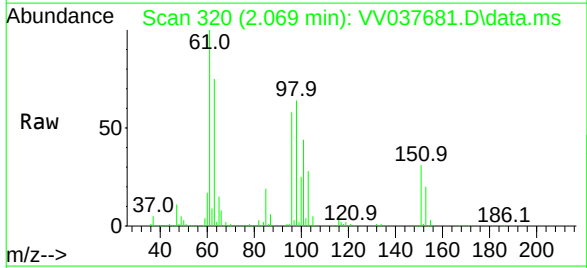




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 49.136 ug/L
 RT: 2.069 min Scan# 320
 Delta R.T. 0.000 min
 Lab File: VV037681.D
 Acq: 01 Oct 2024 00:55

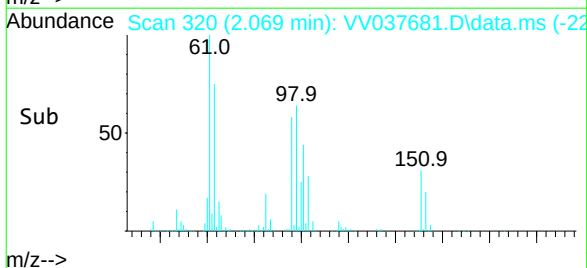
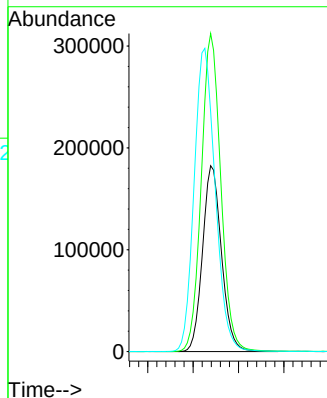
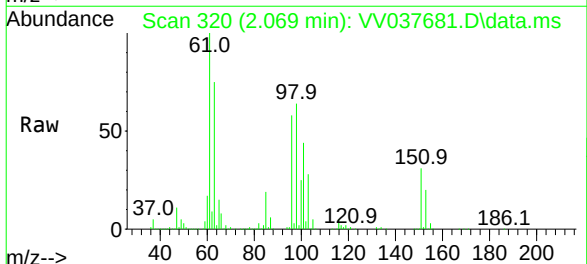
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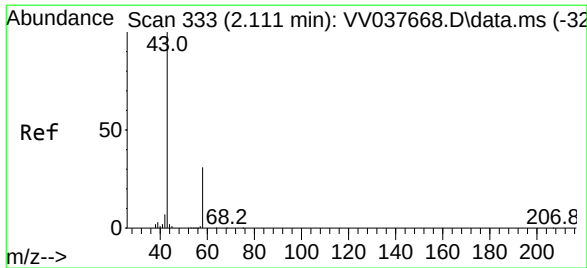
Tgt Ion: 101 Resp: 231709
 Ion Ratio Lower Upper
 101 100
 85 42.7 34.6 52.0
 151 71.3 57.5 86.3



#12
 1,1-Dichloroethene
 Concen: 60.086 ug/L
 RT: 2.069 min Scan# 320
 Delta R.T. 0.000 min
 Lab File: VV037681.D
 Acq: 01 Oct 2024 00:55

Tgt Ion: 96 Resp: 264679
 Ion Ratio Lower Upper
 96 100
 61 171.1 122.6 227.6
 63 128.9 118.0 219.2





#13

Acetone

Concen: 61.088 ug/L

RT: 2.111 min Scan# 333

Delta R.T. 0.000 min

Lab File: VV037681.D

Acq: 01 Oct 2024 00:55

Instrument :

MSVOA_V

ClientSampleId :

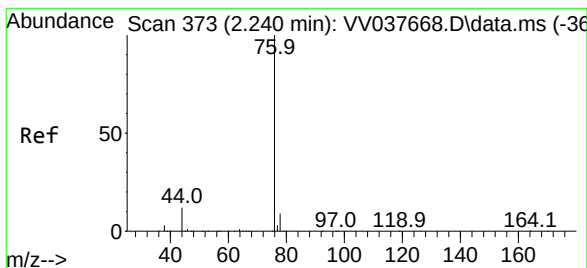
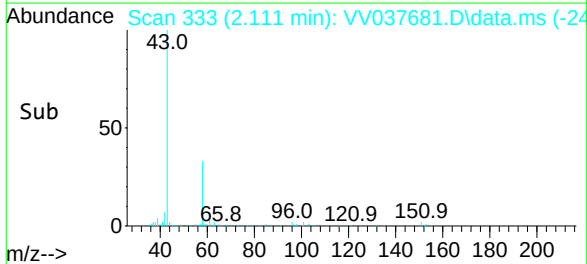
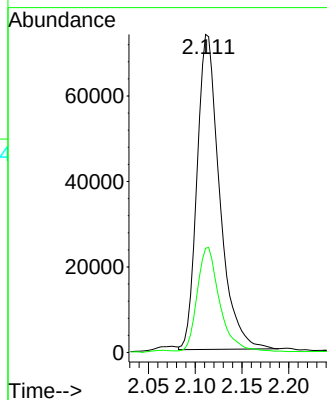
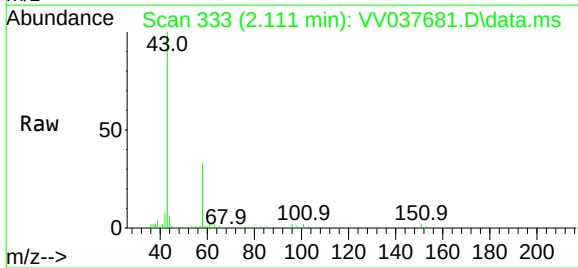
EY075MSD

Tgt Ion: 43 Resp: 123891

Ion Ratio Lower Upper

43 100

58 33.2 0.0 66.6



#14

Carbon disulfide

Concen: 46.320 ug/L

RT: 2.240 min Scan# 373

Delta R.T. 0.000 min

Lab File: VV037681.D

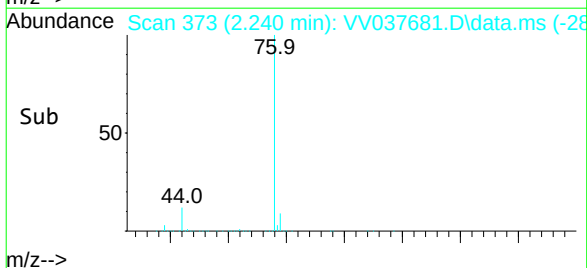
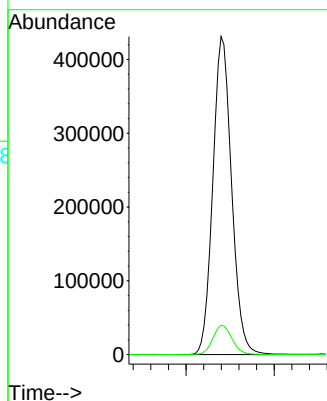
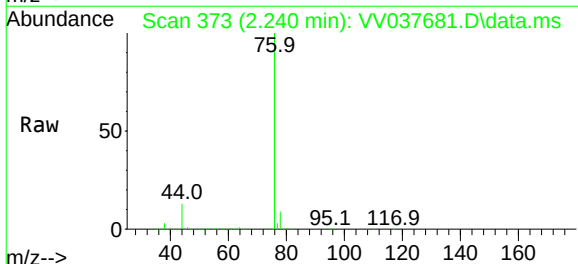
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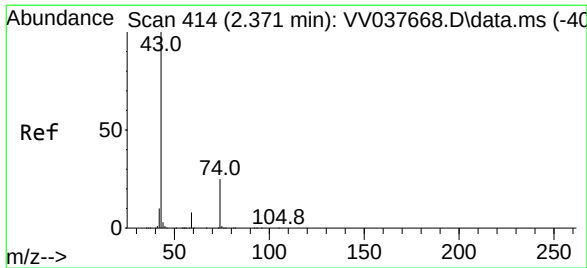
Tgt Ion: 76 Resp: 636894

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.0

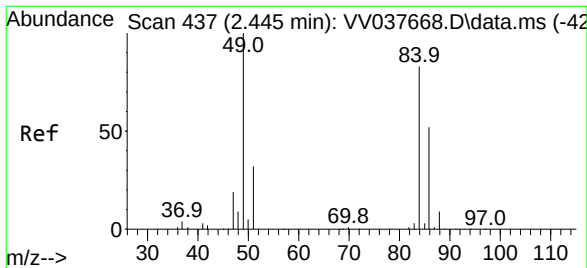
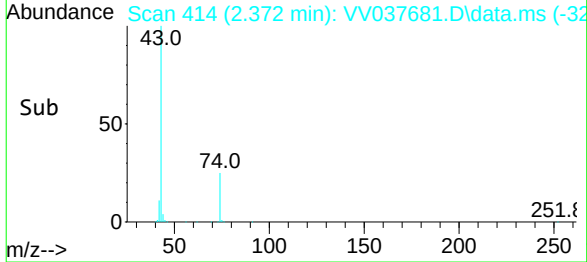
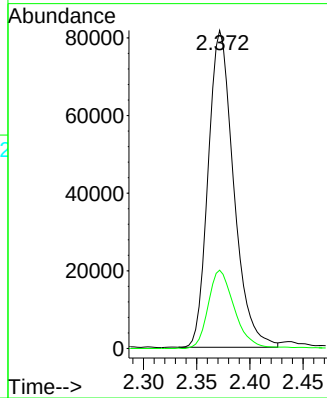
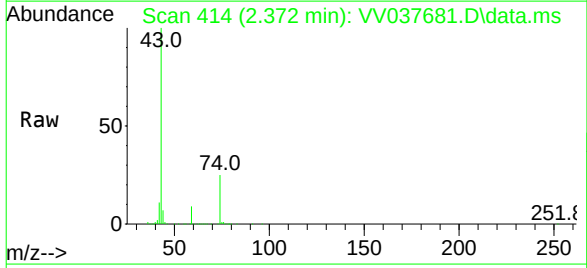




#15
Methyl Acetate
Concen: 38.495 ug/L
RT: 2.372 min Scan# 414
Delta R.T. 0.000 min
Lab File: VV037681.D
Acq: 01 Oct 2024 00:55

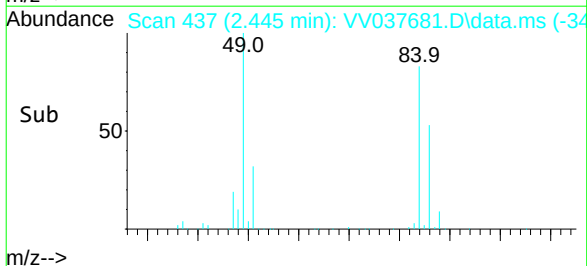
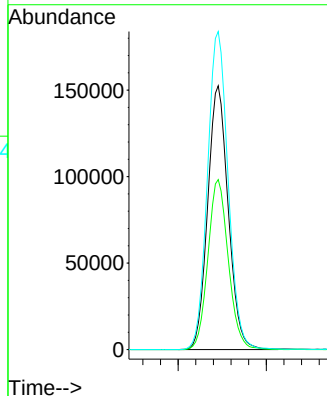
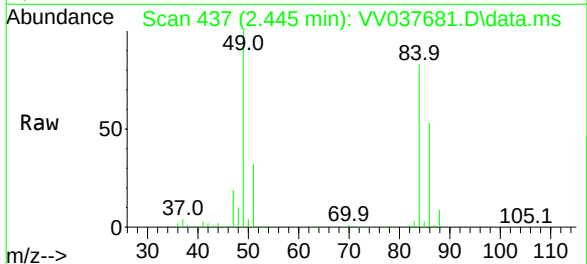
Instrument :
MSVOA_V
ClientSampleId :
EY075MSD

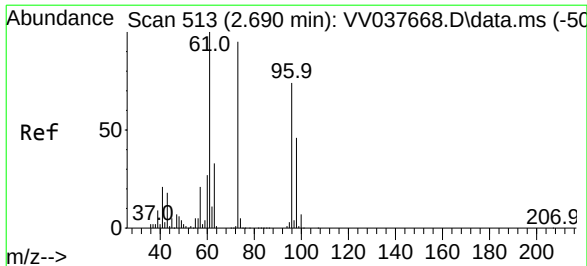
Tgt Ion: 43 Resp: 136245
Ion Ratio Lower Upper
43 100
74 25.2 19.4 29.0



#16
Methylene chloride
Concen: 49.560 ug/L
RT: 2.445 min Scan# 437
Delta R.T. 0.000 min
Lab File: VV037681.D
Acq: 01 Oct 2024 00:55

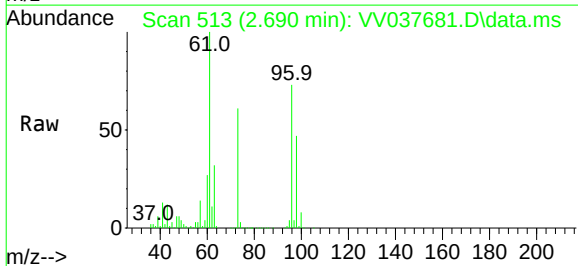
Tgt Ion: 84 Resp: 247188
Ion Ratio Lower Upper
84 100
86 64.4 46.4 86.2
49 120.6 85.9 159.5



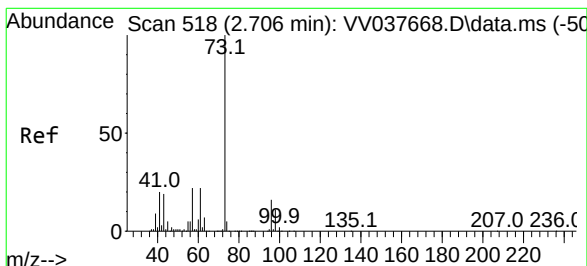
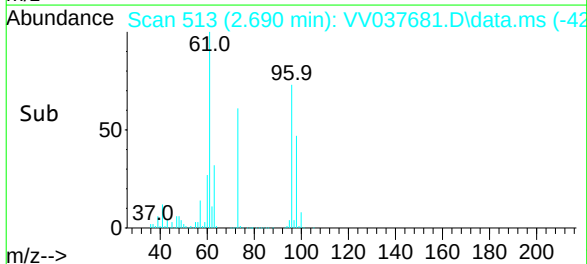
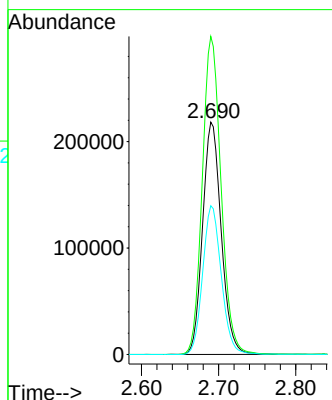


#17
trans-1,2-Dichloroethene
Concen: 78.495 ug/L
RT: 2.690 min Scan# 513
Delta R.T. 0.000 min
Lab File: VV037681.D
Acq: 01 Oct 2024 00:55

Instrument :
MSVOA_V
ClientSampleId :
EY075MSD

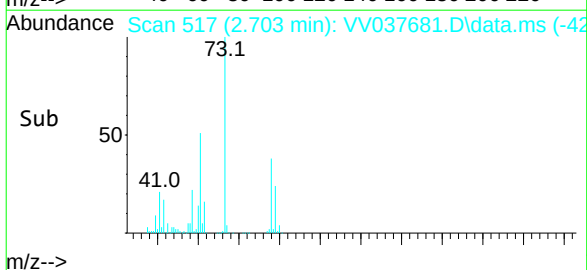
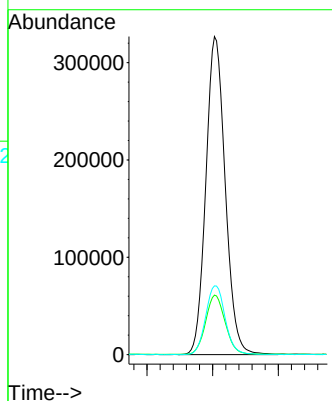
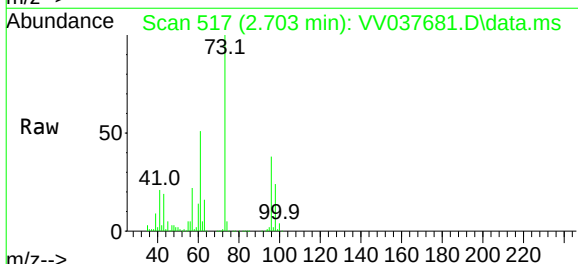


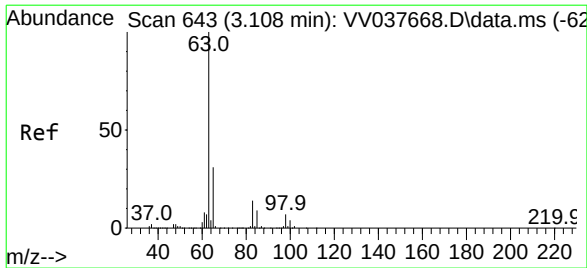
Tgt Ion: 96 Resp: 365795
Ion Ratio Lower Upper
96 100
61 136.9 97.3 180.7
98 64.0 43.9 81.5



#18
Methyl tert-butyl Ether
Concen: 50.086 ug/L
RT: 2.703 min Scan# 517
Delta R.T. -0.003 min
Lab File: VV037681.D
Acq: 01 Oct 2024 00:55

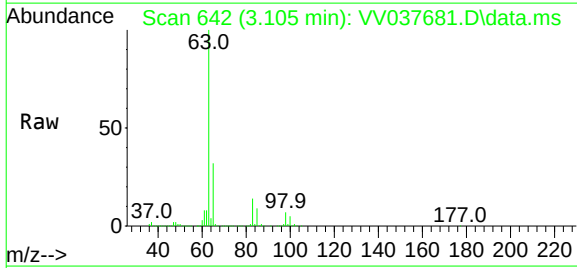
Tgt Ion: 73 Resp: 669637
Ion Ratio Lower Upper
73 100
43 18.8 15.1 22.7
57 21.8 17.4 26.2



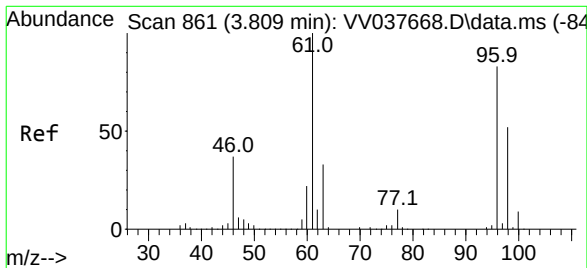
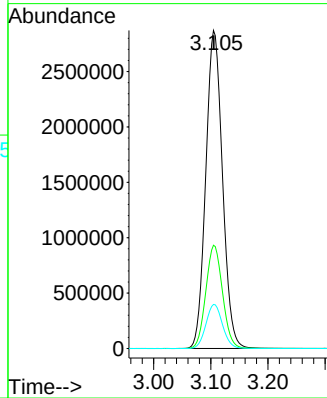
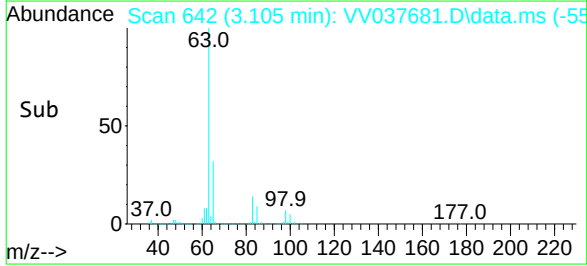


#19
1,1-Dichloroethane
Concen: 653.088 ug/L
RT: 3.105 min Scan# 64
Delta R.T. -0.003 min
Lab File: VV037681.D
Acq: 01 Oct 2024 00:55

Instrument :
MSVOA_V
ClientSampleId :
EY075MSD

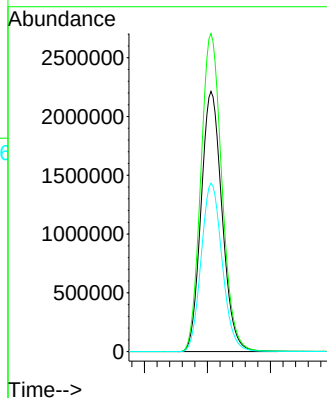
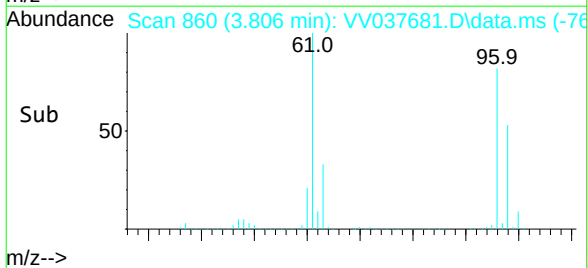
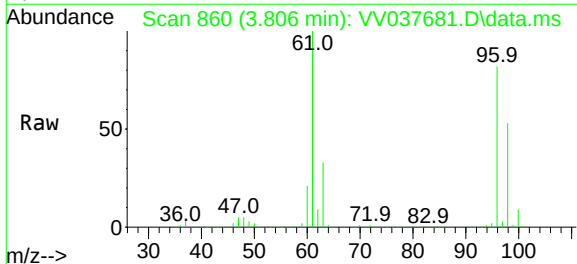


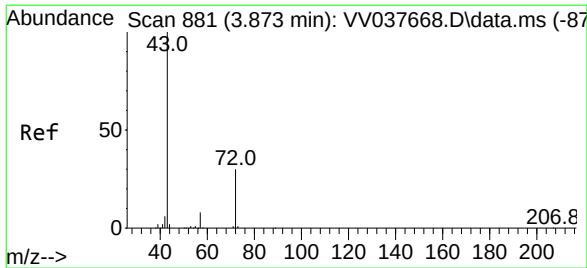
Tgt Ion: 63 Resp: 5831128
Ion Ratio Lower Upper
63 100
65 32.5 22.4 41.6
83 13.8 9.5 17.7



#20
cis-1,2-Dichloroethene
Concen: 983.472 ug/L
RT: 3.806 min Scan# 860
Delta R.T. -0.003 min
Lab File: VV037681.D
Acq: 01 Oct 2024 00:55

Tgt Ion: 96 Resp: 5128676
Ion Ratio Lower Upper
96 100
61 122.3 85.0 157.8
98 64.7 44.2 82.0

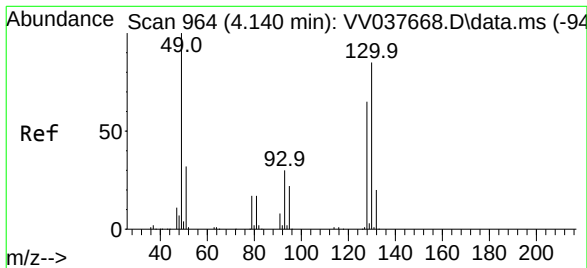
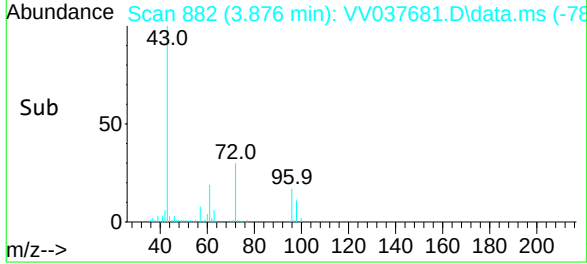
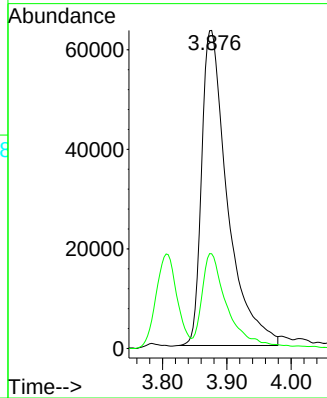
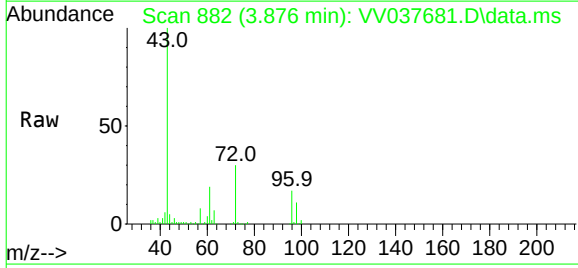




#22
2-Butanone
Concen: 78.771 ug/L
RT: 3.876 min Scan# 881
Delta R.T. 0.003 min
Lab File: VV037681.D
Acq: 01 Oct 2024 00:55

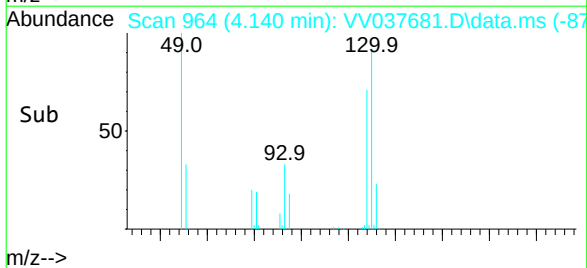
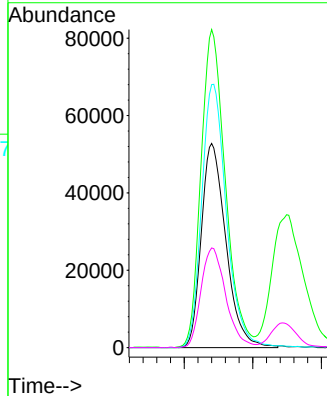
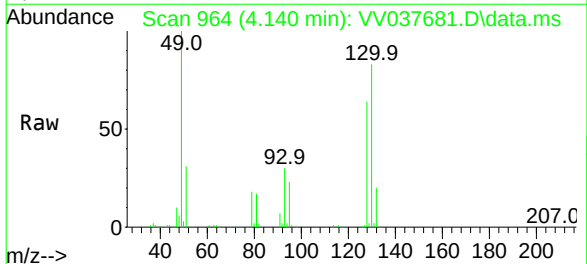
Instrument :
MSVOA_V
ClientSampleId :
EY075MSD

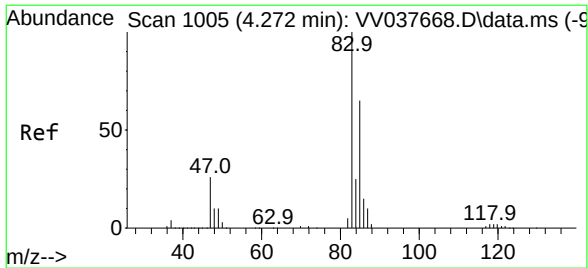
Tgt Ion: 43 Resp: 176820
Ion Ratio Lower Upper
43 100
72 23.5 14.3 42.9



#23
Bromochloromethane
Concen: 48.711 ug/L
RT: 4.140 min Scan# 964
Delta R.T. 0.000 min
Lab File: VV037681.D
Acq: 01 Oct 2024 00:55

Tgt Ion:128 Resp: 131399
Ion Ratio Lower Upper
128 100
49 155.8 108.7 201.9
130 128.8 90.4 168.0
51 48.8 39.2 58.8

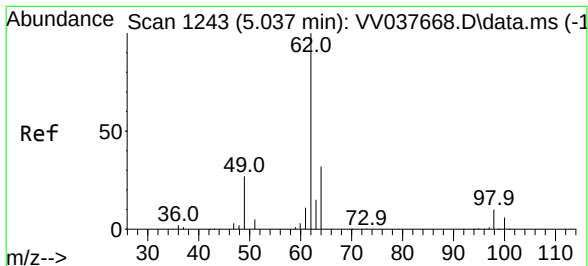
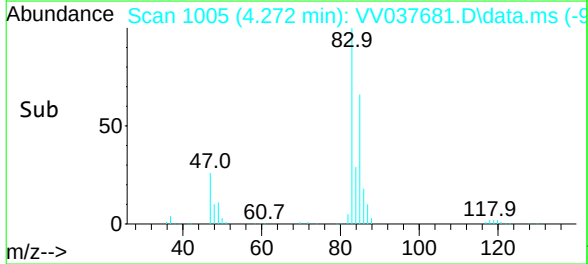
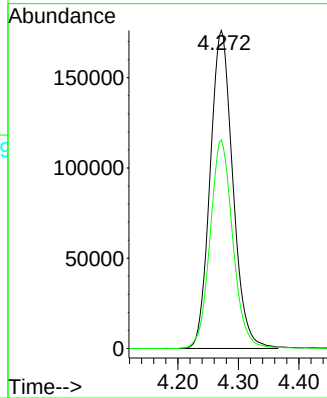
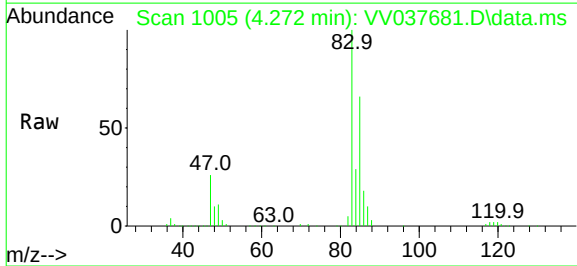




#25
Chloroform
Concen: 49.626 ug/L
RT: 4.272 min Scan# 1005
Delta R.T. 0.000 min
Lab File: VV037681.D
Acq: 01 Oct 2024 00:55

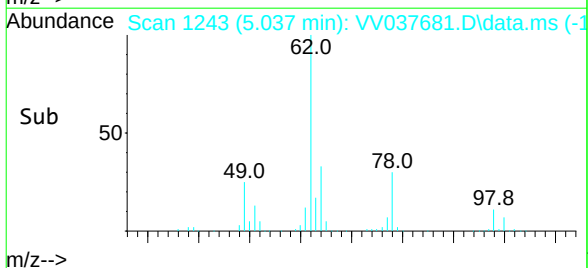
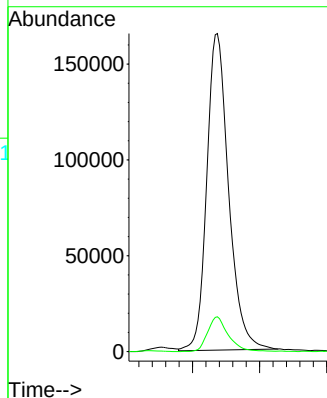
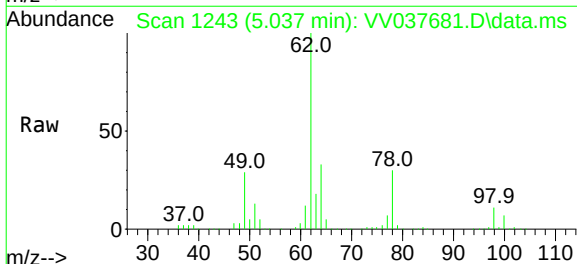
Instrument :
MSVOA_V
ClientSampleId :
EY075MSD

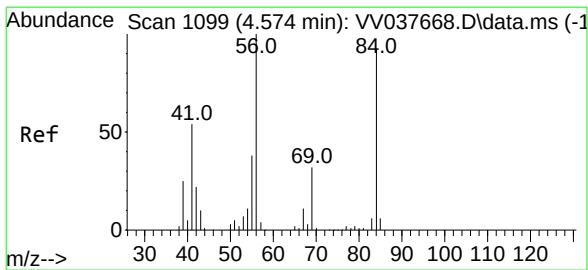
Tgt Ion: 83 Resp: 458757
Ion Ratio Lower Upper
83 100
85 65.6 45.1 83.7



#27
1,2-Dichloroethane
Concen: 57.353 ug/L
RT: 5.037 min Scan# 1243
Delta R.T. 0.000 min
Lab File: VV037681.D
Acq: 01 Oct 2024 00:55

Tgt Ion: 62 Resp: 374288
Ion Ratio Lower Upper
62 100
98 10.9 8.4 12.6





#29

Cyclohexane

Concen: 50.015 ug/L

RT: 4.574 min Scan# 1099

Delta R.T. 0.000 min

Lab File: VV037681.D

Acq: 01 Oct 2024 00:55

Instrument :

MSVOA_V

ClientSampleId :

EY075MSD

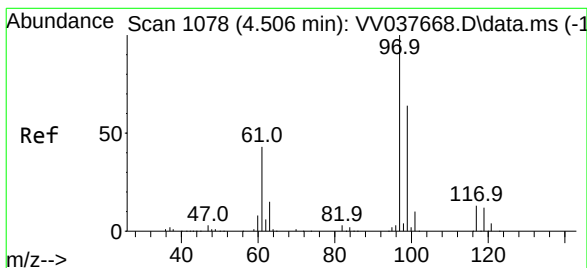
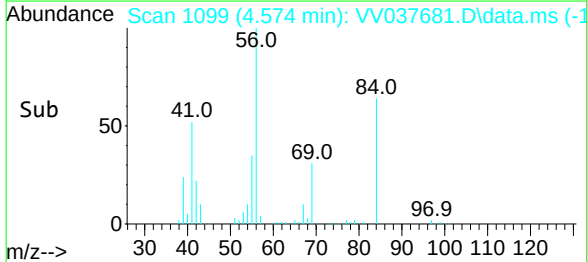
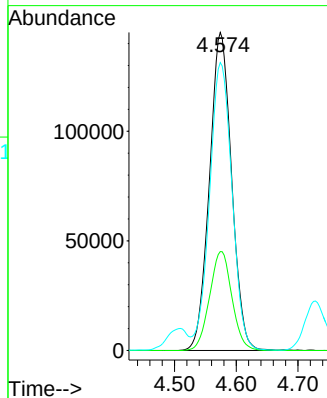
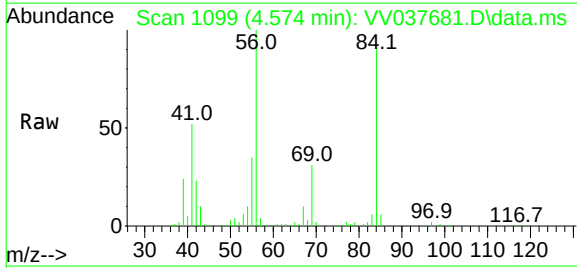
Tgt Ion: 56 Resp: 361557

Ion Ratio Lower Upper

56 100

69 31.4 24.7 37.1

84 91.6 73.4 110.0



#30

1,1,1-Trichloroethane

Concen: 199.504 ug/L

RT: 4.503 min Scan# 1077

Delta R.T. -0.003 min

Lab File: VV037681.D

Acq: 01 Oct 2024 00:55

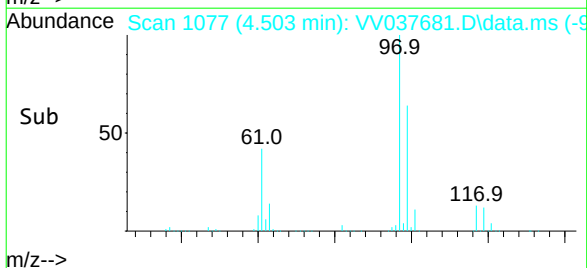
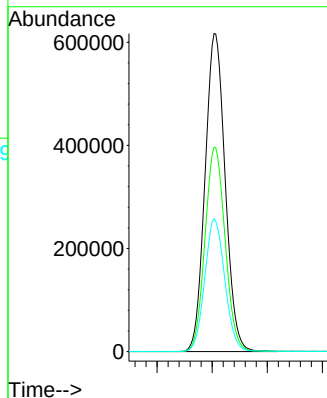
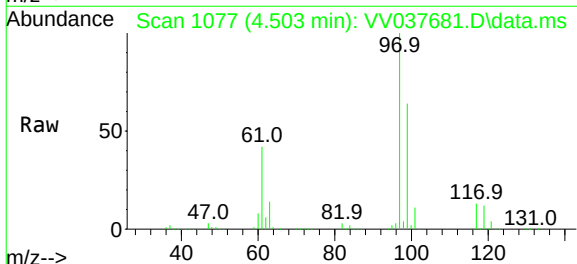
Tgt Ion: 97 Resp: 1564436

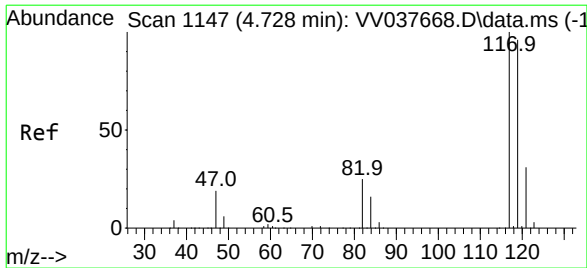
Ion Ratio Lower Upper

97 100

99 64.2 51.8 77.6

61 41.5 33.6 50.4





#31

Carbon tetrachloride

Concen: 50.288 ug/L

RT: 4.728 min Scan# 1147

Delta R.T. 0.000 min

Lab File: VV037681.D

Acq: 01 Oct 2024 00:55

Instrument :

MSVOA_V

ClientSampleId :

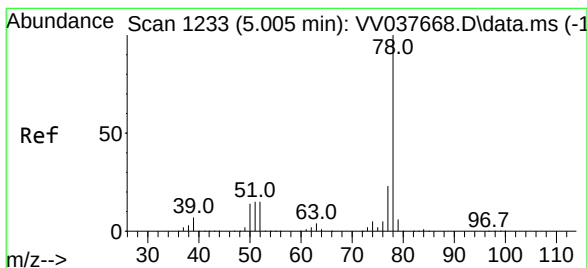
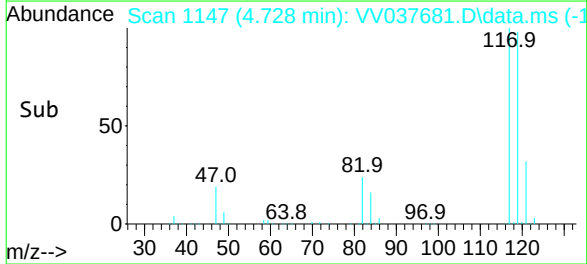
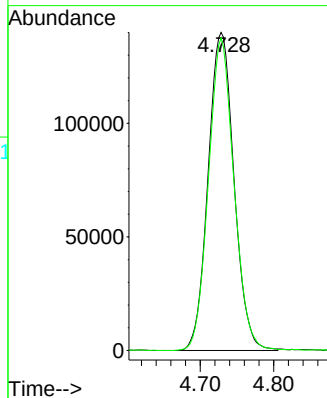
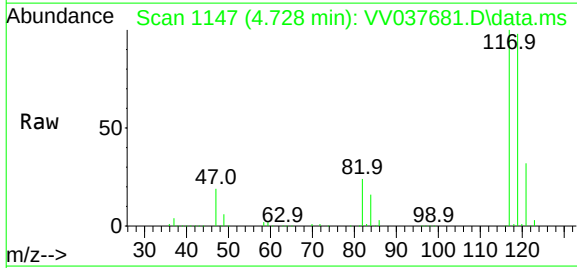
EY075MSD

Tgt Ion:117 Resp: 342842

Ion Ratio Lower Upper

117 100

119 96.6 76.9 115.3



#33

Benzene

Concen: 52.705 ug/L

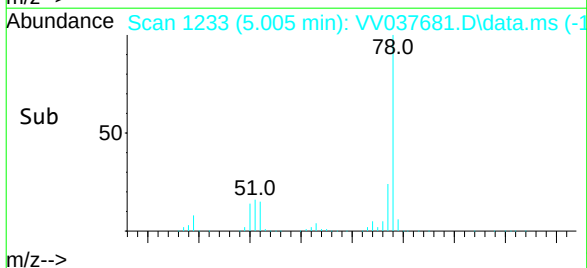
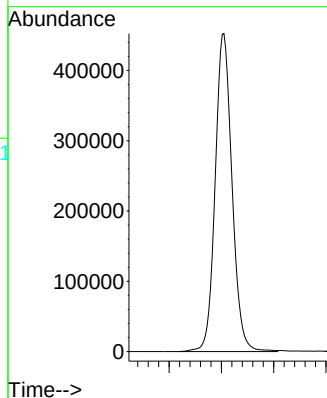
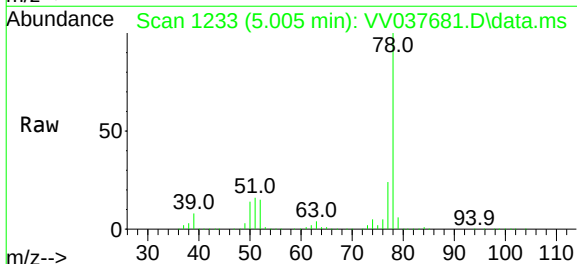
RT: 5.005 min Scan# 1233

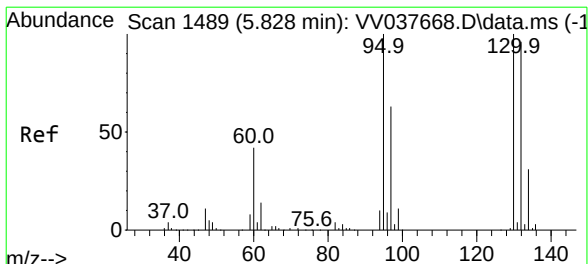
Delta R.T. 0.000 min

Lab File: VV037681.D

Acq: 01 Oct 2024 00:55

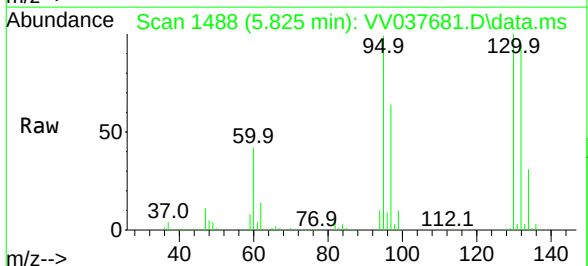
Tgt Ion: 78 Resp: 1012030





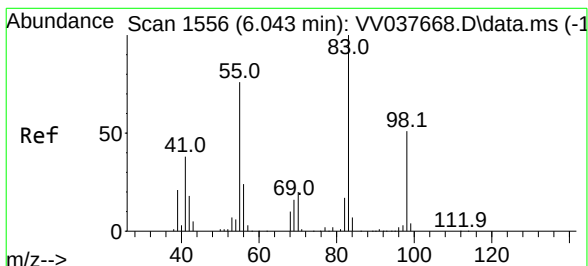
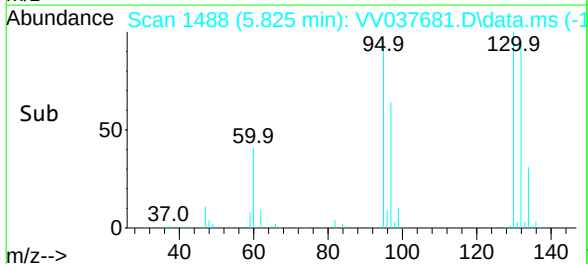
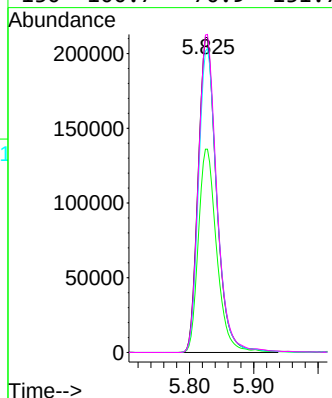
#34
 Trichloroethene
 Concen: 81.874 ug/L
 RT: 5.825 min Scan# 1489
 Delta R.T. -0.003 min
 Lab File: VV037681.D
 Acq: 01 Oct 2024 00:55

Instrument :
 MSVOA_V
 ClientSampleId :
 EY075MSD



Tgt Ion: 95 Resp: 418673

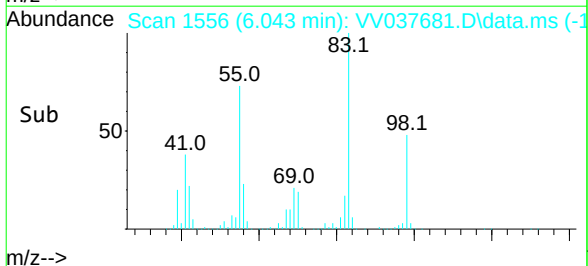
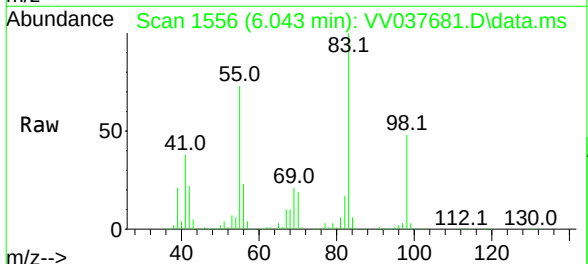
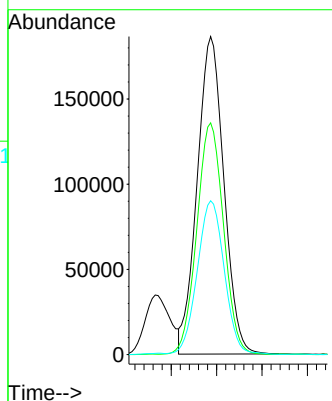
Ion	Ratio	Lower	Upper
95	100		
97	64.5	46.3	85.9
132	95.6	68.6	127.4
130	100.7	70.9	131.7

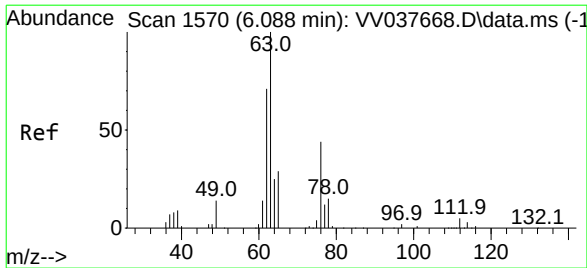


#35
 Methylcyclohexane
 Concen: 48.360 ug/L
 RT: 6.043 min Scan# 1556
 Delta R.T. 0.000 min
 Lab File: VV037681.D
 Acq: 01 Oct 2024 00:55

Tgt Ion: 83 Resp: 380431

Ion	Ratio	Lower	Upper
83	100		
55	73.2	57.9	86.9
98	49.0	39.3	58.9

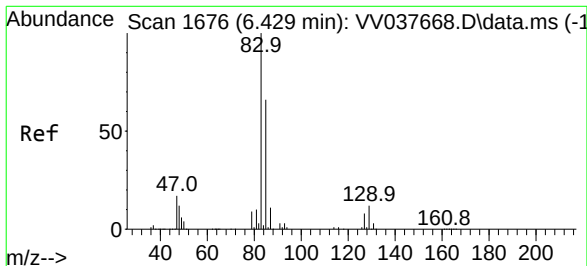
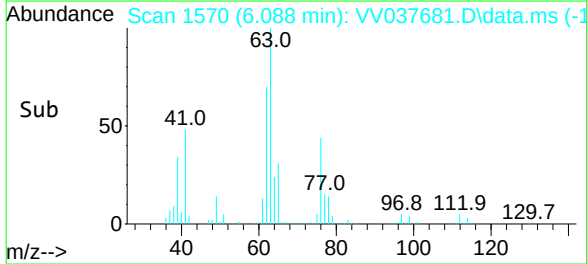
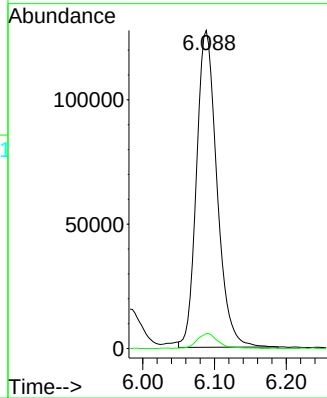
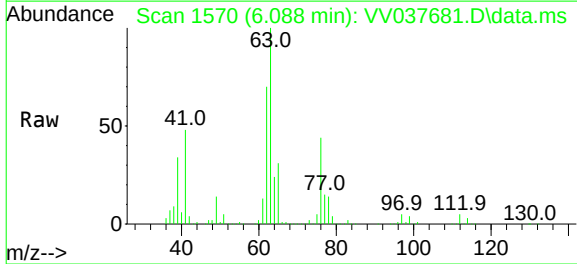




#37
1,2-Dichloropropane
Concen: 50.882 ug/L
RT: 6.088 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VV037681.D
Acq: 01 Oct 2024 00:55

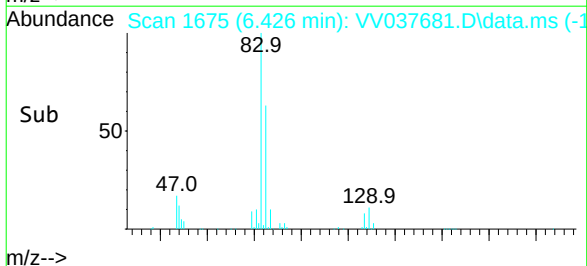
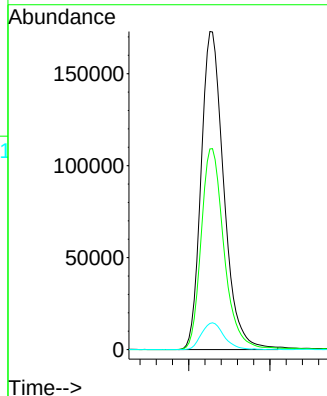
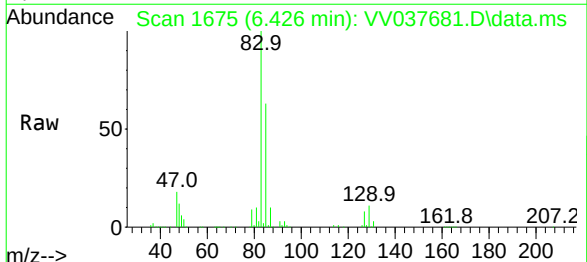
Instrument :
MSVOA_V
ClientSampleId :
EY075MSD

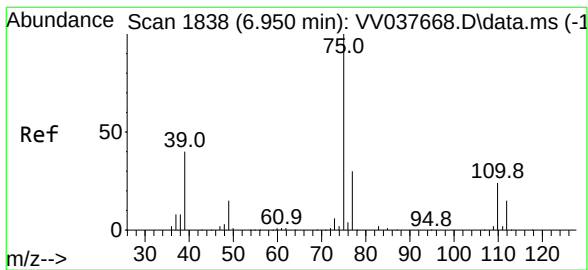
Tgt Ion: 63 Resp: 252296
Ion Ratio Lower Upper
63 100
112 4.9 3.5 5.3



#38
Bromodichloromethane
Concen: 50.686 ug/L
RT: 6.426 min Scan# 1675
Delta R.T. -0.003 min
Lab File: VV037681.D
Acq: 01 Oct 2024 00:55

Tgt Ion: 83 Resp: 335968
Ion Ratio Lower Upper
83 100
85 63.1 45.7 84.9
127 8.2 7.0 10.4

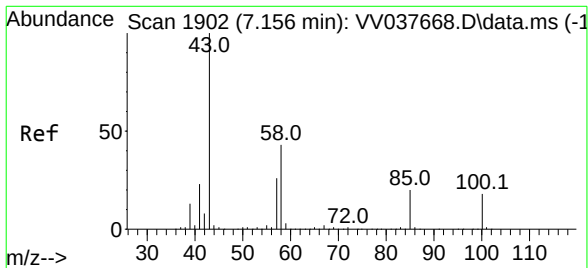
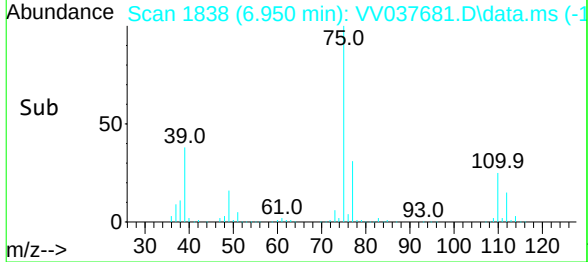
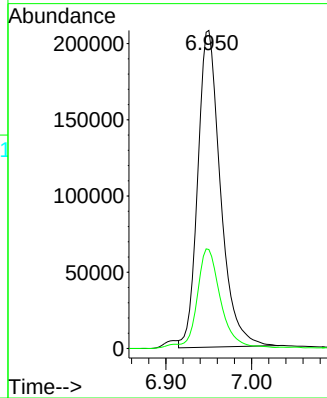
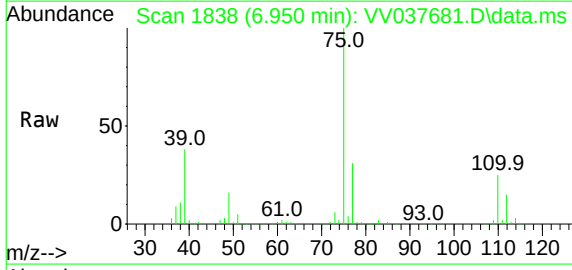




#39
 cis-1,3-Dichloropropene
 Concen: 48.176 ug/L
 RT: 6.950 min Scan# 1838
 Delta R.T. 0.000 min
 Lab File: VV037681.D
 Acq: 01 Oct 2024 00:55

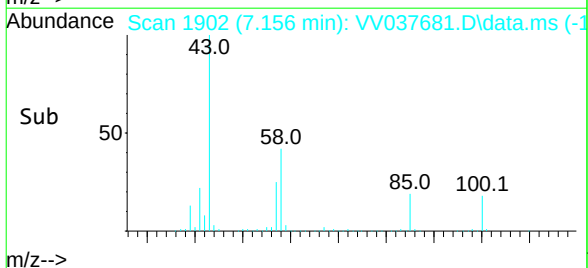
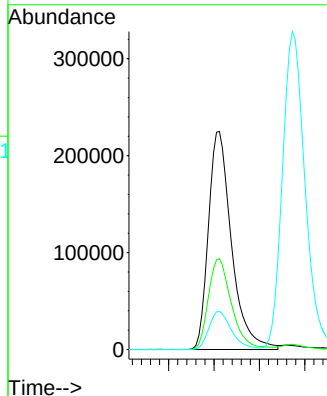
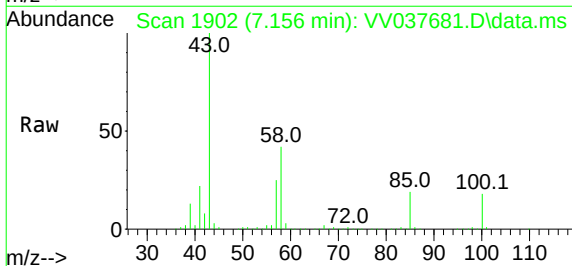
Instrument :
 MSVOA_V
 ClientSampleId :
 EY075MSD

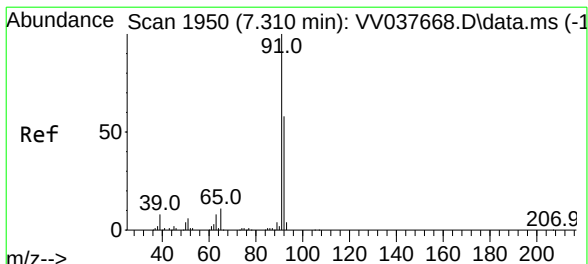
Tgt Ion: 75 Resp: 381319
 Ion Ratio Lower Upper
 75 100
 77 31.1 21.8 40.4



#40
 4-Methyl-2-pentanone
 Concen: 98.324 ug/L
 RT: 7.156 min Scan# 1902
 Delta R.T. 0.000 min
 Lab File: VV037681.D
 Acq: 01 Oct 2024 00:55

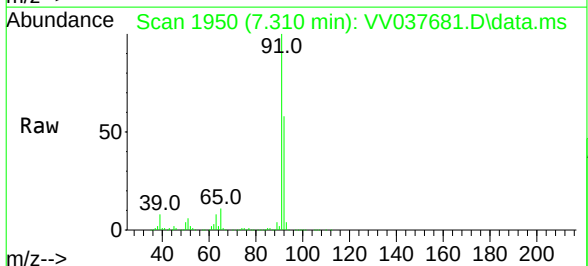
Tgt Ion: 43 Resp: 396956
 Ion Ratio Lower Upper
 43 100
 58 41.9 33.0 49.4
 100 17.2 13.7 20.5





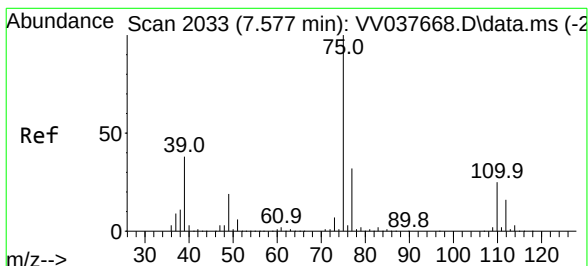
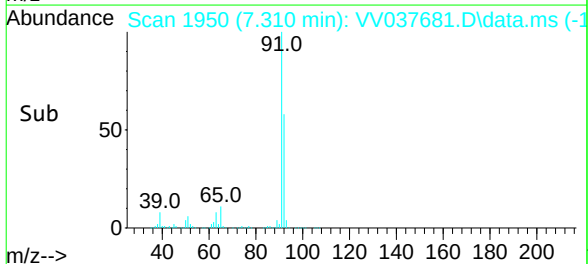
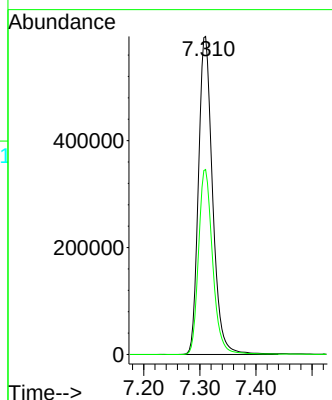
#42
 Toluene
 Concen: 52.187 ug/L
 RT: 7.310 min Scan# 19
 Delta R.T. 0.000 min
 Lab File: VV037681.D
 Acq: 01 Oct 2024 00:55

Instrument :
 MSVOA_V
 ClientSampleId :
 EY075MSD



Tgt Ion: 91 Resp: 1038845

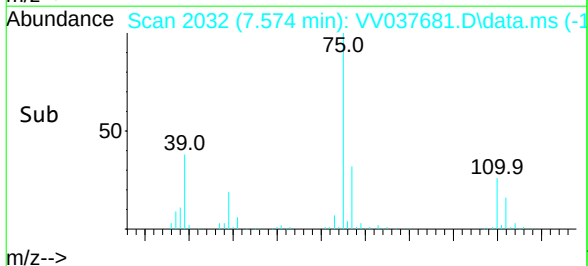
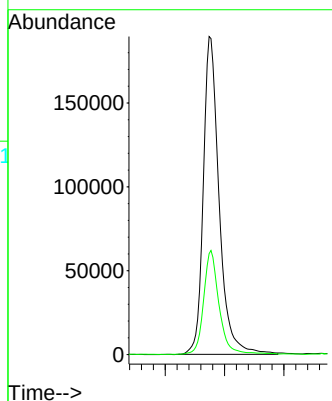
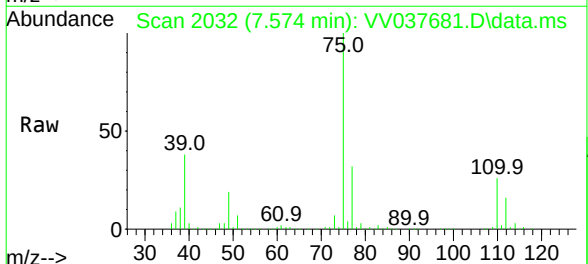
Ion	Ratio	Lower	Upper
91	100		
92	58.2	41.1	76.3

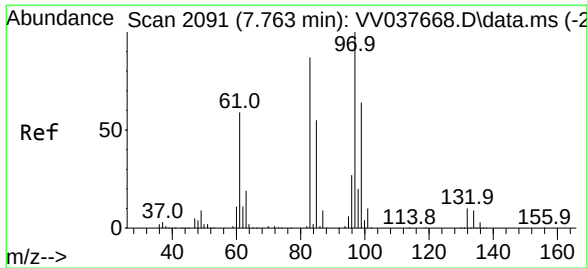


#44
 trans-1,3-Dichloropropene
 Concen: 49.345 ug/L
 RT: 7.574 min Scan# 2032
 Delta R.T. -0.003 min
 Lab File: VV037681.D
 Acq: 01 Oct 2024 00:55

Tgt Ion: 75 Resp: 351629

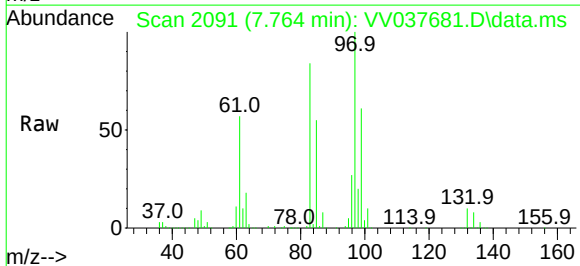
Ion	Ratio	Lower	Upper
75	100		
77	31.7	21.9	40.7



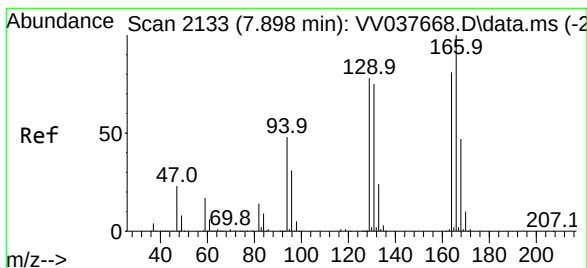
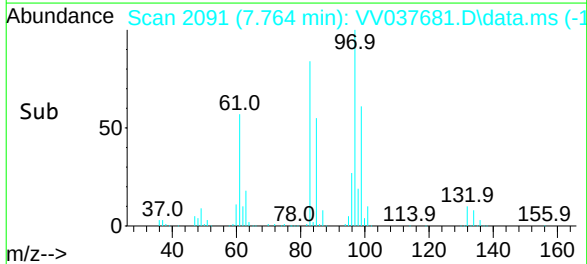
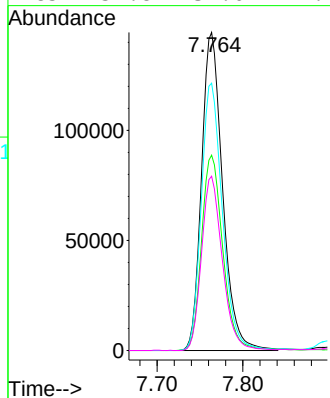


#45
1,1,2-Trichloroethane
Concen: 51.774 ug/L
RT: 7.764 min Scan# 2091
Delta R.T. 0.000 min
Lab File: VV037681.D
Acq: 01 Oct 2024 00:55

Instrument :
MSVOA_V
ClientSampleId :
EY075MSD

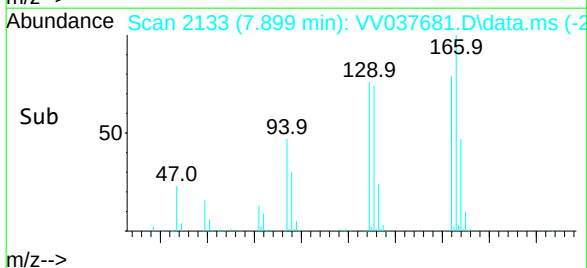
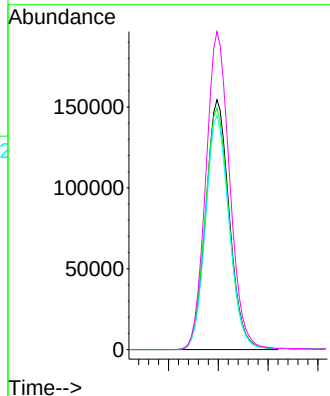
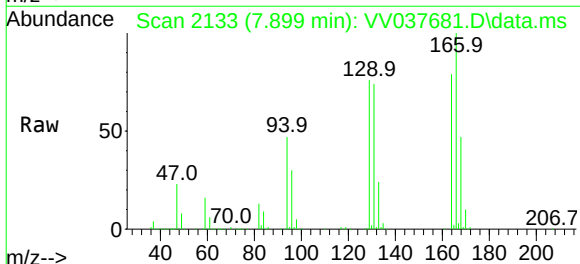


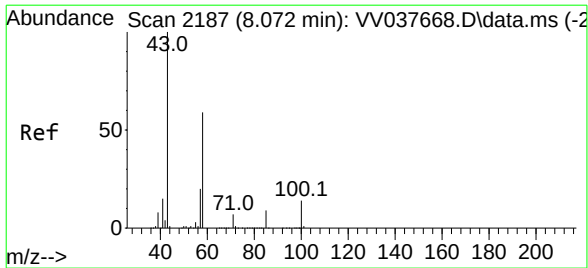
Tgt Ion:	97	Resp:	246500
Ion	Ratio	Lower	Upper
97	100		
99	61.4	44.1	81.9
83	84.1	59.3	110.1
85	54.8	39.0	72.4



#46
Tetrachloroethene
Concen: 65.395 ug/L
RT: 7.899 min Scan# 2133
Delta R.T. 0.000 min
Lab File: VV037681.D
Acq: 01 Oct 2024 00:55

Tgt Ion:	164	Resp:	255678
Ion	Ratio	Lower	Upper
164	100		
129	96.6	68.2	126.6
131	93.6	66.1	122.8
166	127.3	91.1	169.1

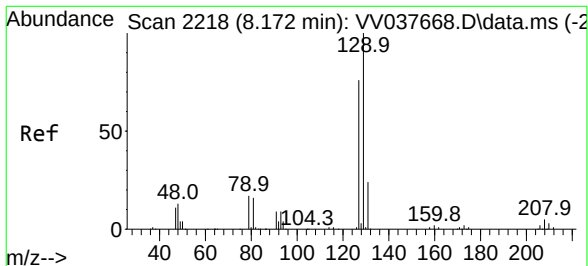
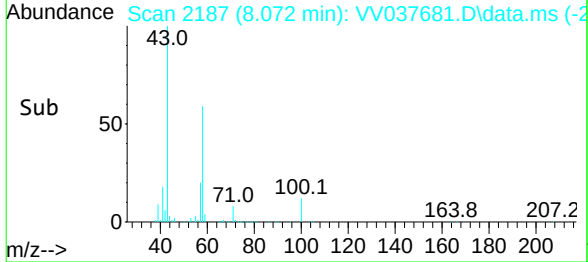
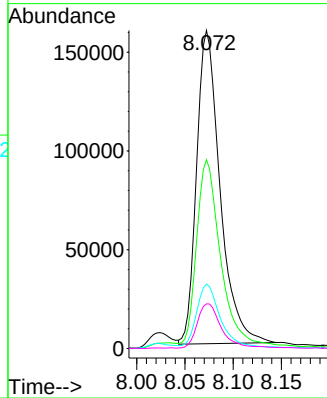
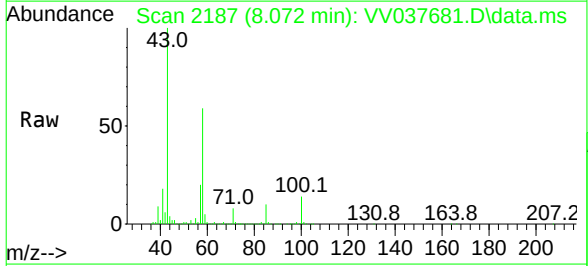




#48
2-Hexanone
Concen: 85.559 ug/L
RT: 8.072 min Scan# 2187
Delta R.T. 0.000 min
Lab File: VV037681.D
Acq: 01 Oct 2024 00:55

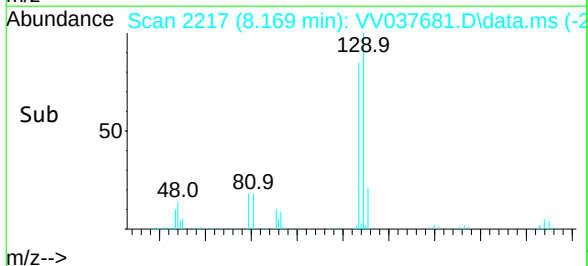
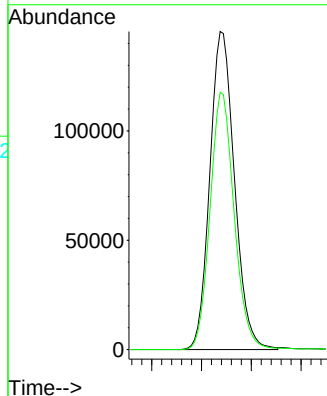
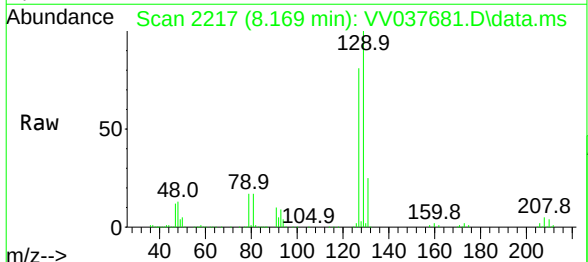
Instrument :
MSVOA_V
ClientSampleId :
EY075MSD

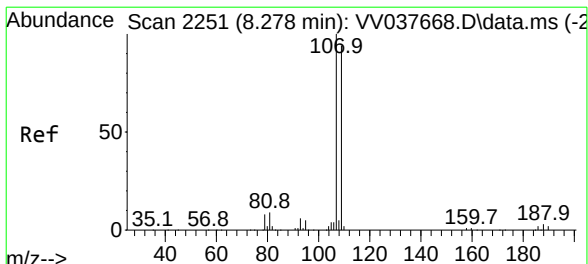
Tgt Ion: 43	Resp: 268592
Ion Ratio	Lower Upper
43 100	
58 63.5	46.5 69.7
57 20.0	15.1 22.7
100 14.3	10.7 16.1



#49
Dibromochloromethane
Concen: 49.688 ug/L
RT: 8.169 min Scan# 2217
Delta R.T. -0.003 min
Lab File: VV037681.D
Acq: 01 Oct 2024 00:55

Tgt Ion: 129	Resp: 250382
Ion Ratio	Lower Upper
129 100	
127 80.9	54.9 101.9

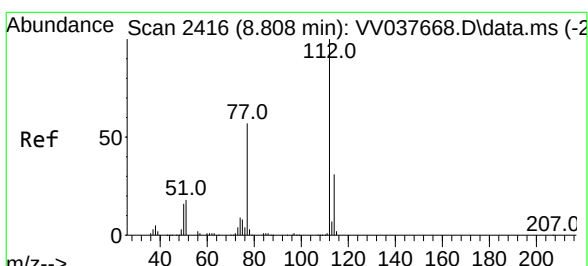
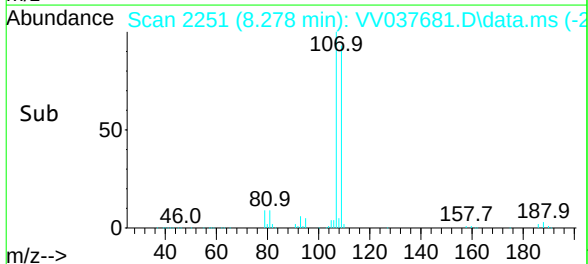
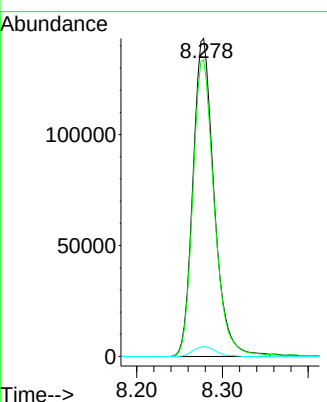
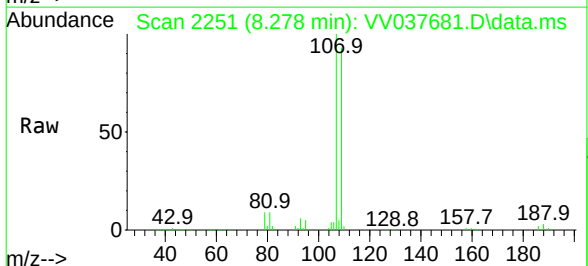




#50
1,2-Dibromoethane
Concen: 50.043 ug/L
RT: 8.278 min Scan# 2251
Delta R.T. 0.000 min
Lab File: VV037681.D
Acq: 01 Oct 2024 00:55

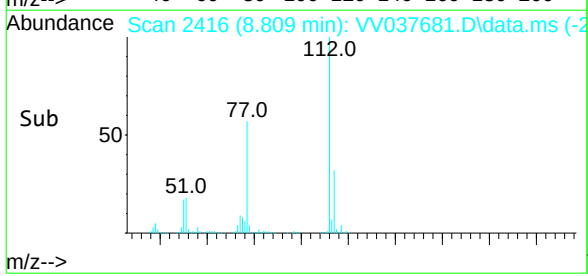
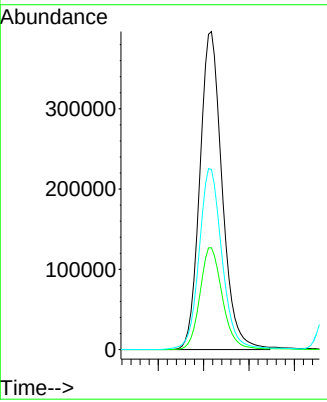
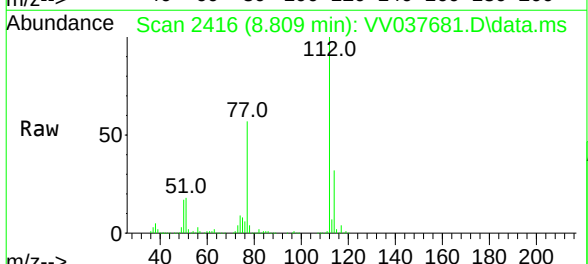
Instrument :
MSVOA_V
ClientSampleId :
EY075MSD

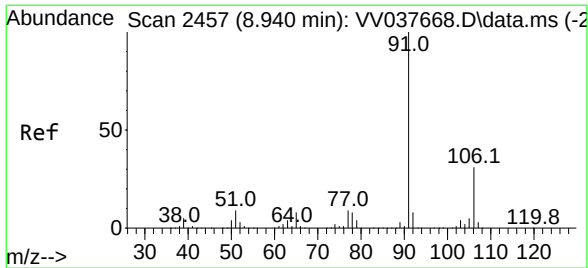
Tgt Ion:	107	Resp:	246287
Ion	Ratio	Lower	Upper
107	100		
109	93.3	65.7	121.9
188	3.1	2.8	4.2



#51
Chlorobenzene
Concen: 49.971 ug/L
RT: 8.809 min Scan# 2416
Delta R.T. 0.000 min
Lab File: VV037681.D
Acq: 01 Oct 2024 00:55

Tgt Ion:	112	Resp:	677708
Ion	Ratio	Lower	Upper
112	100		
114	32.0	22.5	41.7
77	56.7	45.8	68.8

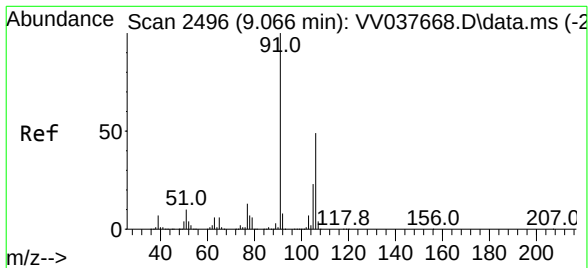
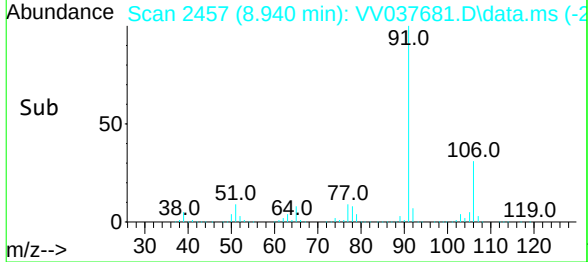
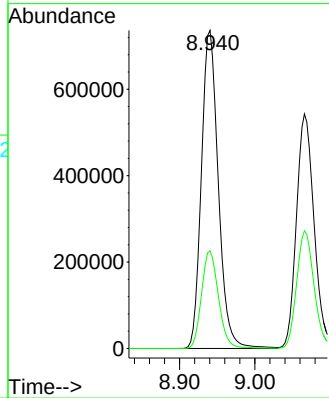
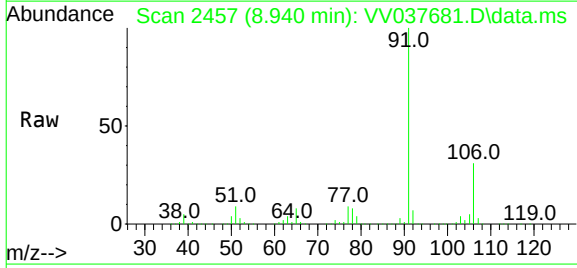




#52
Ethylbenzene
Concen: 51.328 ug/L
RT: 8.940 min Scan# 2457
Delta R.T. 0.000 min
Lab File: VV037681.D
Acq: 01 Oct 2024 00:55

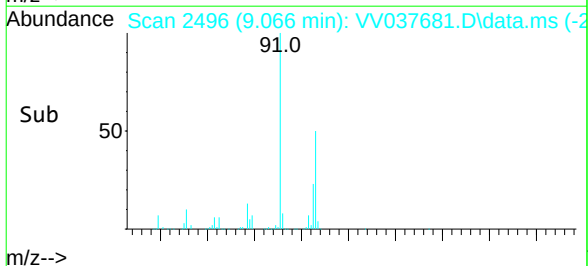
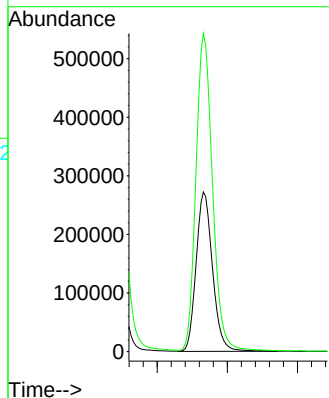
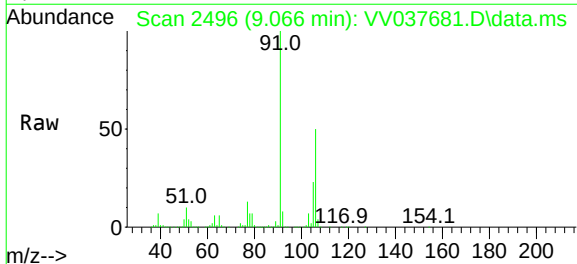
Instrument :
MSVOA_V
ClientSampleId :
EY075MSD

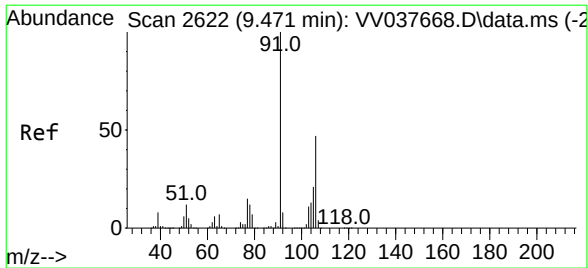
Tgt Ion: 91 Resp: 1150146
Ion Ratio Lower Upper
91 100
106 30.7 21.9 40.7



#53
m,p-Xylene
Concen: 52.866 ug/L
RT: 9.066 min Scan# 2496
Delta R.T. 0.000 min
Lab File: VV037681.D
Acq: 01 Oct 2024 00:55

Tgt Ion: 106 Resp: 440868
Ion Ratio Lower Upper
106 100
91 199.3 142.0 263.6





#54

o-Xylene

Concen: 52.042 ug/L

RT: 9.471 min Scan# 2622

Delta R.T. 0.000 min

Lab File: VV037681.D

Acq: 01 Oct 2024 00:55

Instrument :

MSVOA_V

ClientSampleId :

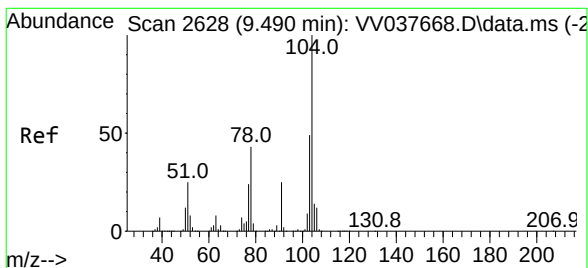
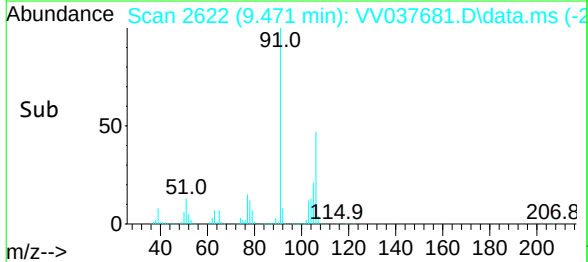
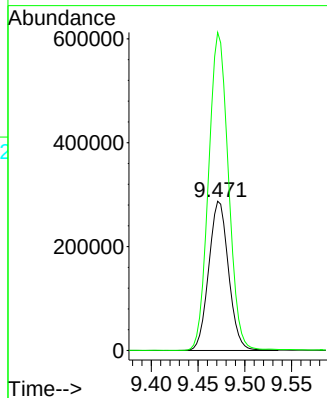
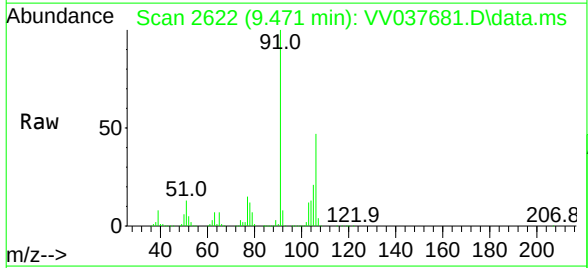
EY075MSD

Tgt Ion:106 Resp: 423712

Ion Ratio Lower Upper

106 100

91 213.1 153.9 285.9



#55

Styrene

Concen: 52.892 ug/L

RT: 9.490 min Scan# 2628

Delta R.T. 0.000 min

Lab File: VV037681.D

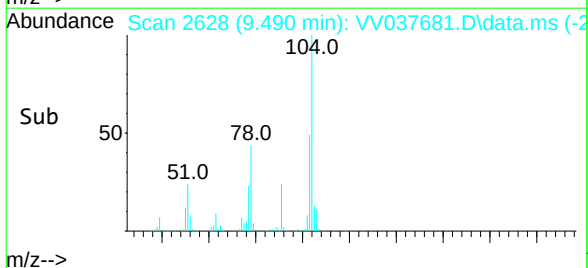
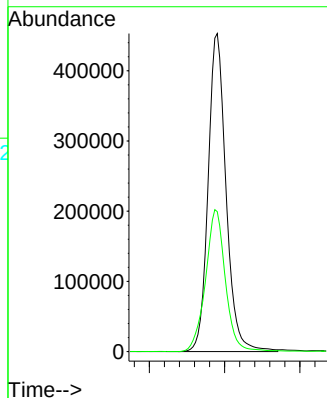
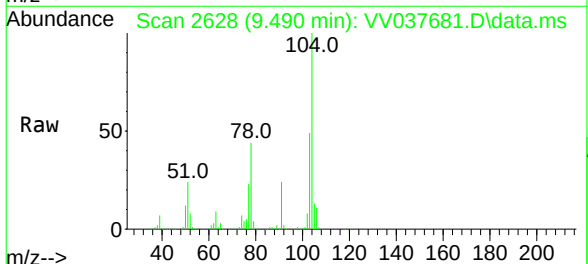
Acq: 01 Oct 2024 00:55

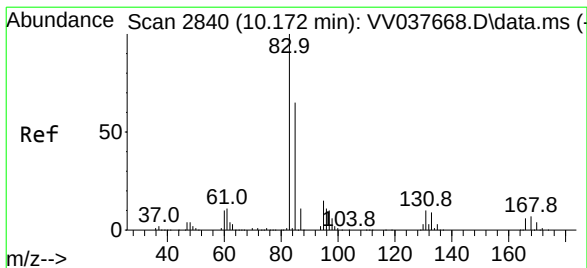
Tgt Ion:104 Resp: 749658

Ion Ratio Lower Upper

104 100

78 44.0 30.0 55.6





#57

1,1,2,2-Tetrachloroethane

Concen: 48.824 ug/L

RT: 10.172 min Scan# 2840

Delta R.T. 0.000 min

Lab File: VV037681.D

Acq: 01 Oct 2024 00:55

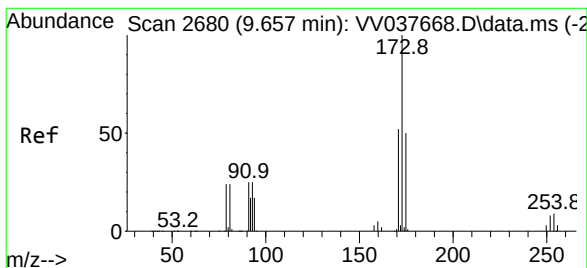
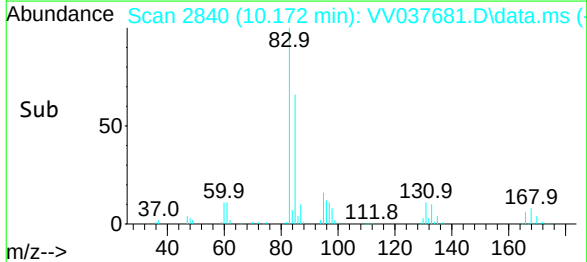
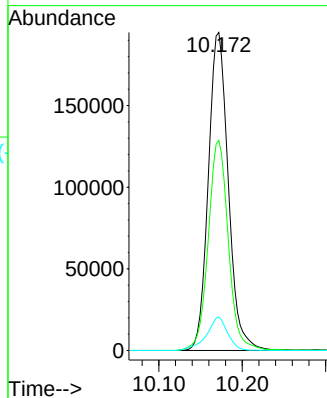
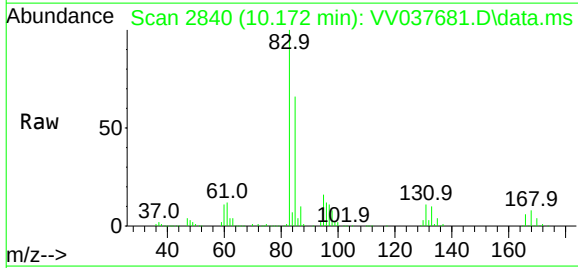
Instrument :

MSVOA_V

ClientSampleId :

EY075MSD

Tgt Ion:	83	Resp:	324091
Ion Ratio	Lower	Upper	
83	100		
85	66.1	45.9	85.3
131	10.5	7.9	11.9



#59

Bromoform

Concen: 49.839 ug/L

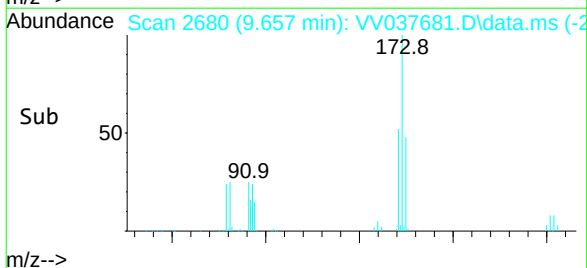
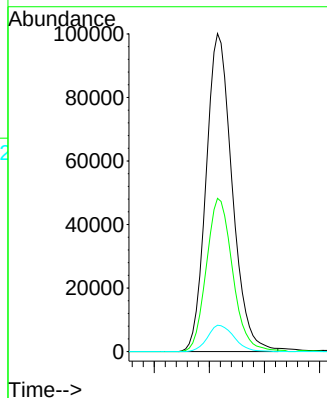
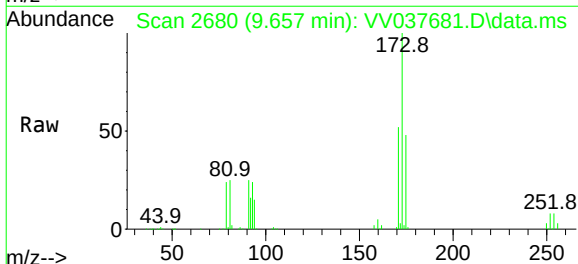
RT: 9.657 min Scan# 2680

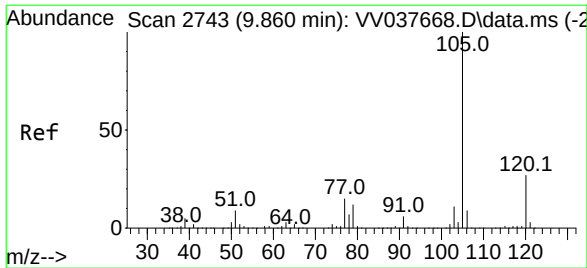
Delta R.T. 0.000 min

Lab File: VV037681.D

Acq: 01 Oct 2024 00:55

Tgt Ion:	173	Resp:	164449
Ion Ratio	Lower	Upper	
173	100		
175	48.6	40.0	60.0
254	8.5	6.5	9.7

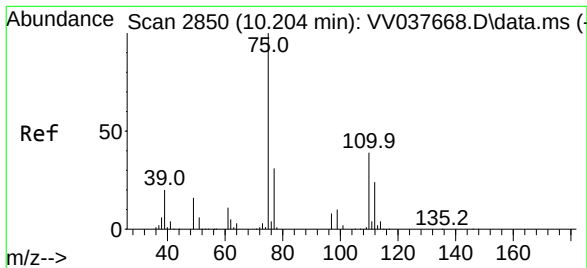
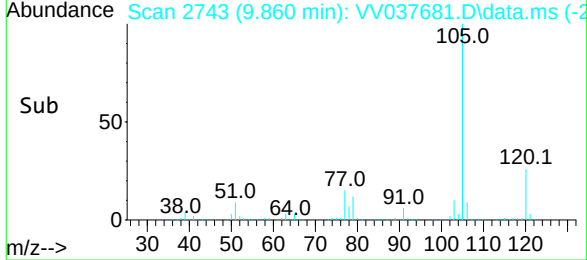
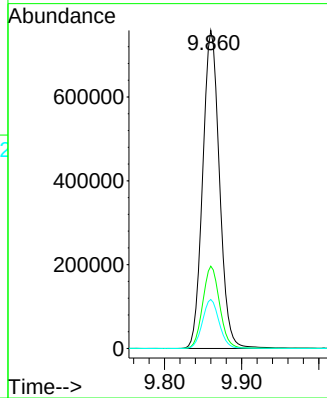
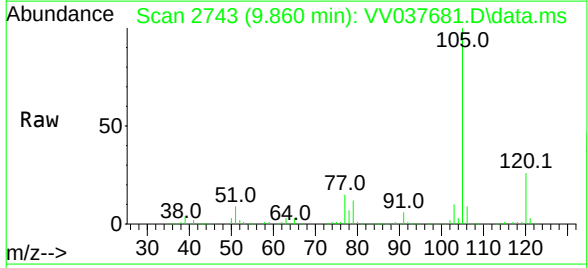




#60
Isopropylbenzene
Concen: 52.249 ug/L
RT: 9.860 min Scan# 2743
Delta R.T. 0.000 min
Lab File: VV037681.D
Acq: 01 Oct 2024 00:55

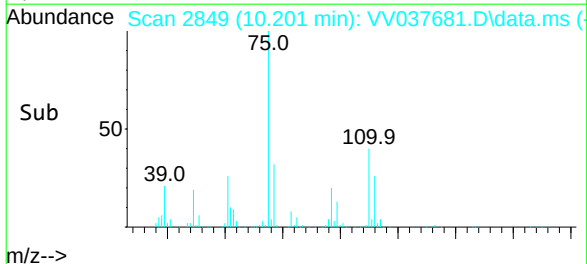
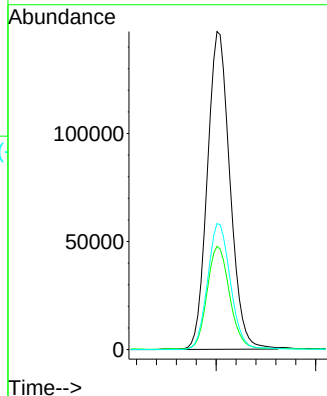
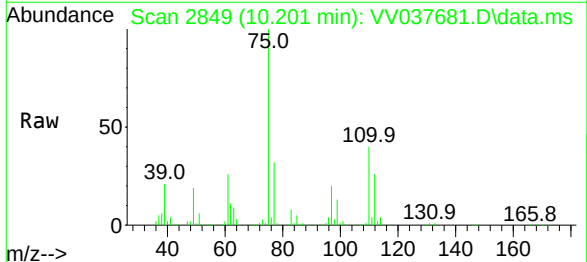
Instrument :
MSVOA_V
ClientSampleId :
EY075MSD

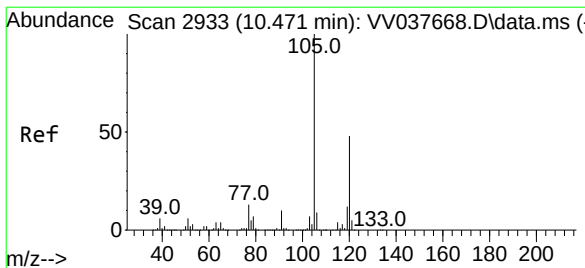
Tgt Ion:105 Resp: 1146798
Ion Ratio Lower Upper
105 100
120 26.1 20.7 31.1
77 15.3 12.2 18.2



#61
1,2,3-Trichloropropane
Concen: 48.405 ug/L
RT: 10.201 min Scan# 2849
Delta R.T. -0.003 min
Lab File: VV037681.D
Acq: 01 Oct 2024 00:55

Tgt Ion: 75 Resp: 232531
Ion Ratio Lower Upper
75 100
77 31.9 25.4 38.0
110 40.3 31.7 47.5





#62

1,3,5-Trimethylbenzene

Concen: 52.809 ug/L

RT: 10.468 min Scan# 2933

Delta R.T. -0.003 min

Lab File: VV037681.D

Acq: 01 Oct 2024 00:55

Instrument :

MSVOA_V

ClientSampleId :

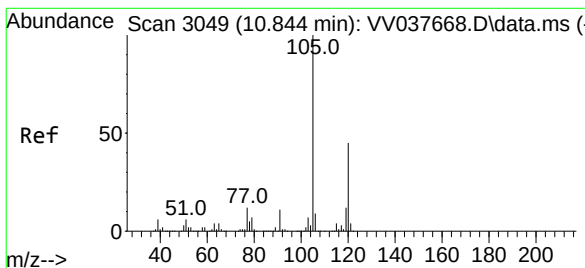
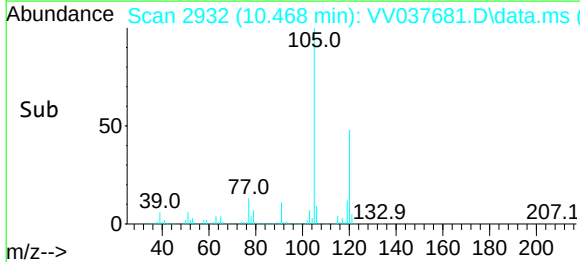
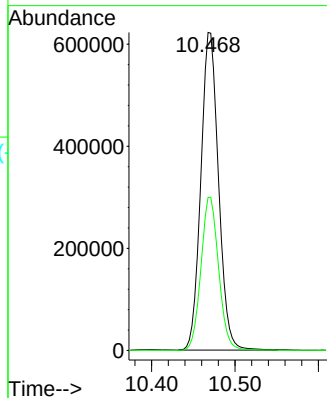
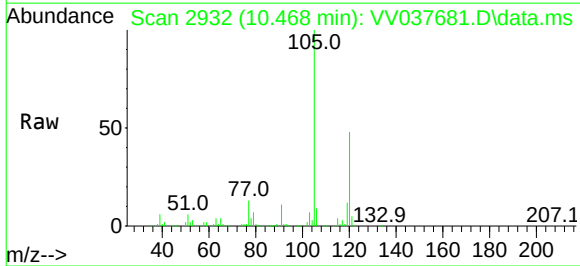
EY075MSD

Tgt Ion:105 Resp: 916371

Ion Ratio Lower Upper

105 100

120 48.2 39.3 58.9



#63

1,2,4-Trimethylbenzene

Concen: 52.302 ug/L

RT: 10.844 min Scan# 3049

Delta R.T. 0.000 min

Lab File: VV037681.D

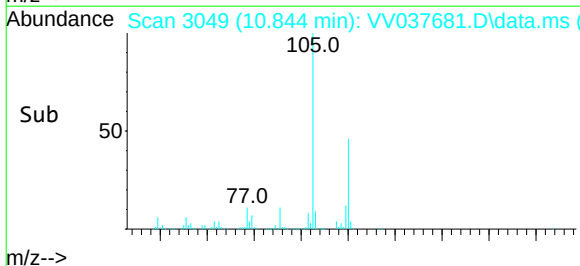
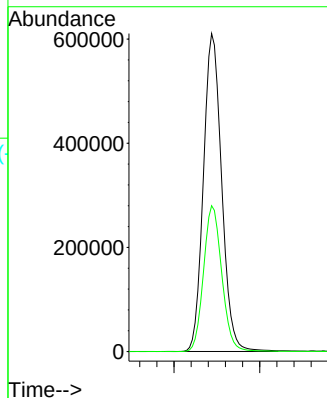
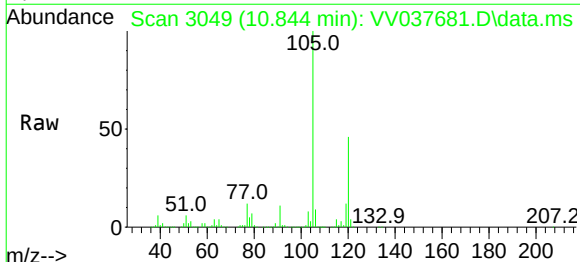
Acq: 01 Oct 2024 00:55

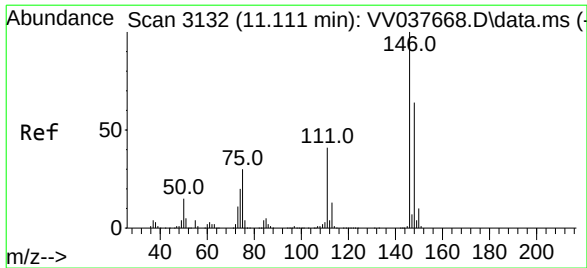
Tgt Ion:105 Resp: 903016

Ion Ratio Lower Upper

105 100

120 46.0 36.2 54.2





#64

1,3-Dichlorobenzene

Concen: 51.033 ug/L

RT: 11.111 min Scan# 3132

Delta R.T. 0.000 min

Lab File: VV037681.D

Acq: 01 Oct 2024 00:55

Instrument :

MSVOA_V

ClientSampleId :

EY075MSD

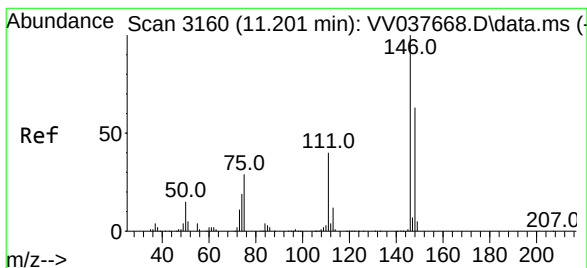
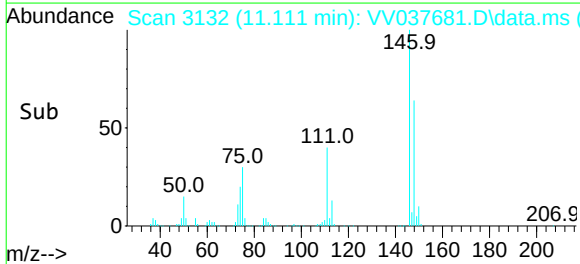
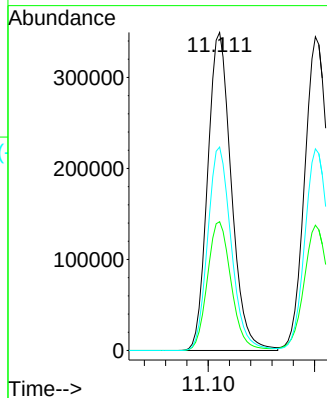
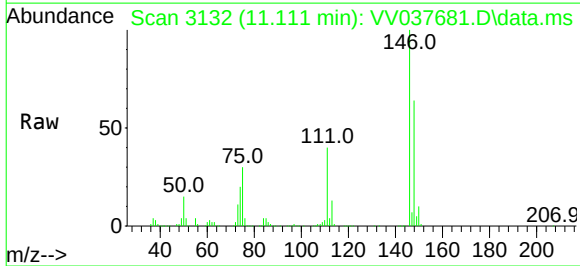
Tgt Ion:146 Resp: 539143

Ion Ratio Lower Upper

146 100

111 40.5 28.3 52.5

148 64.0 44.3 82.3



#65

1,4-Dichlorobenzene

Concen: 50.461 ug/L

RT: 11.201 min Scan# 3160

Delta R.T. 0.000 min

Lab File: VV037681.D

Acq: 01 Oct 2024 00:55

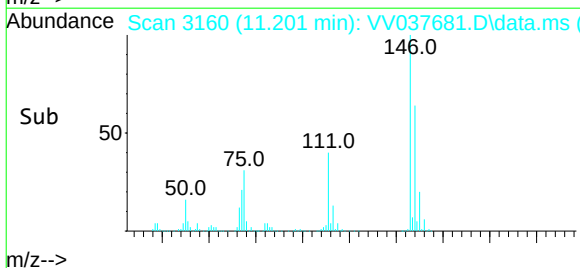
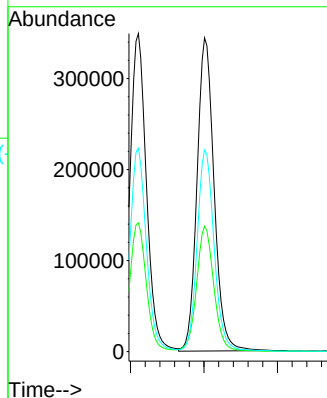
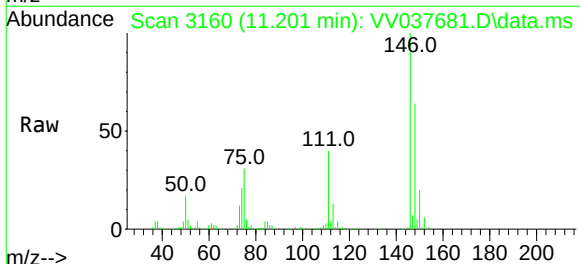
Tgt Ion:146 Resp: 555113

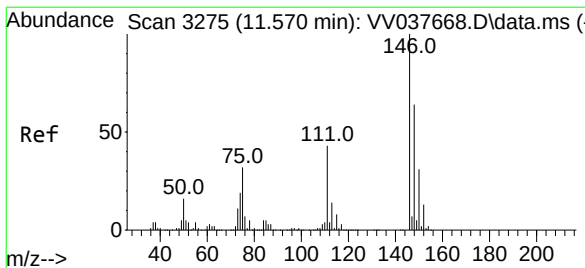
Ion Ratio Lower Upper

146 100

111 39.9 27.6 51.4

148 64.3 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 50.373 ug/L

RT: 11.571 min Scan# 3275

Delta R.T. 0.000 min

Lab File: VV037681.D

Acq: 01 Oct 2024 00:55

Instrument :

MSVOA_V

ClientSampleId :

EY075MSD

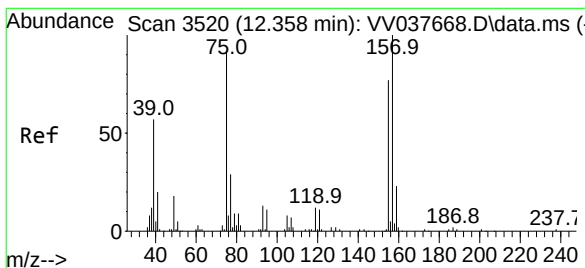
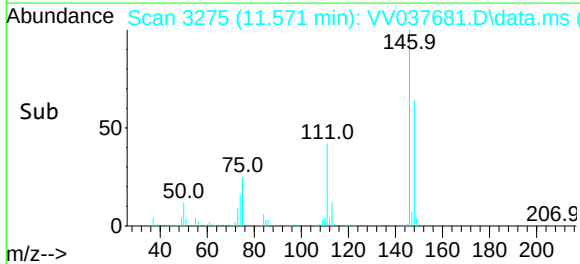
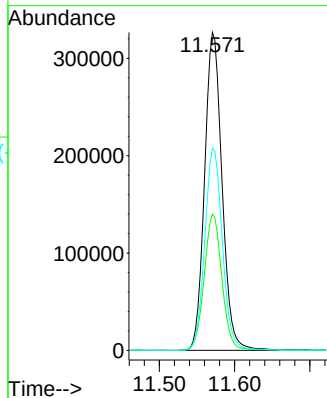
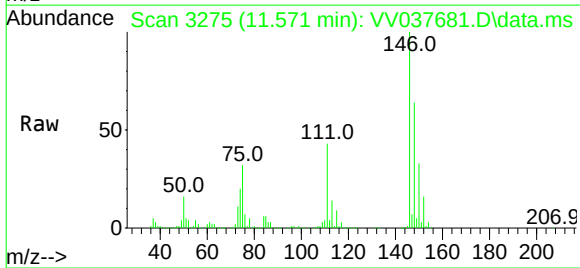
Tgt Ion:146 Resp: 526082

Ion Ratio Lower Upper

146 100

111 42.9 34.2 51.2

148 63.6 50.9 76.3



#68

1,2-Dibromo-3-chloropropane

Concen: 45.792 ug/L

RT: 12.358 min Scan# 3520

Delta R.T. 0.000 min

Lab File: VV037681.D

Acq: 01 Oct 2024 00:55

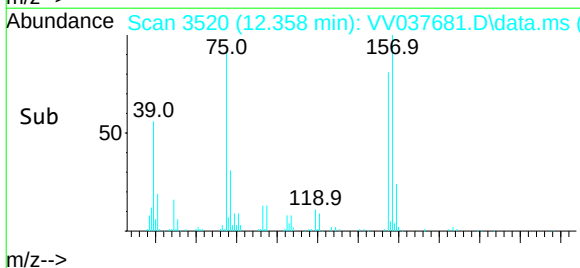
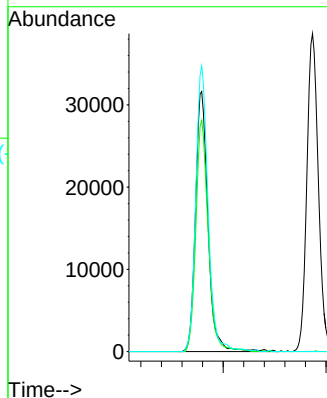
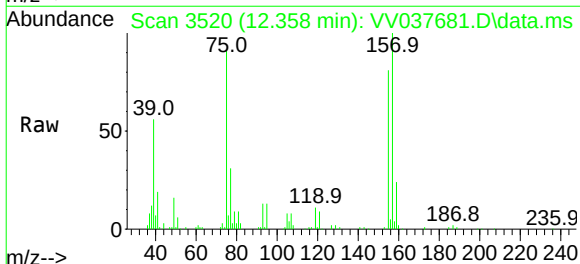
Tgt Ion: 75 Resp: 53399

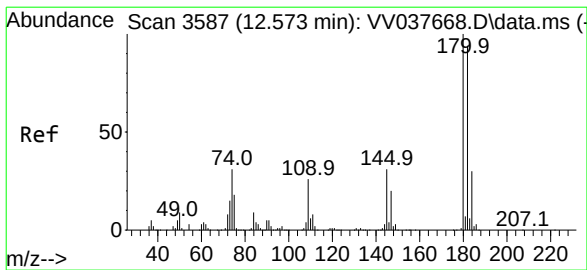
Ion Ratio Lower Upper

75 100

155 89.0 66.2 99.4

157 109.8 87.3 130.9





#69

1,3,5-Trichlorobenzene

Concen: 48.525 ug/L

RT: 12.574 min Scan# 3587

Delta R.T. 0.000 min

Lab File: VV037681.D

Acq: 01 Oct 2024 00:55

Instrument :

MSVOA_V

ClientSampleId :

EY075MSD

Tgt Ion:180 Resp: 352535

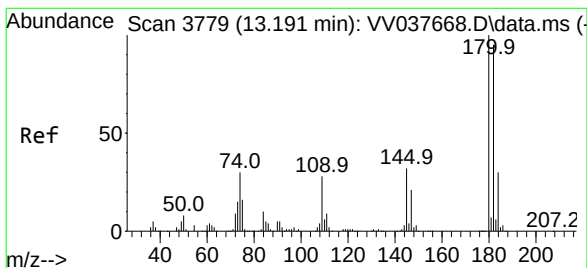
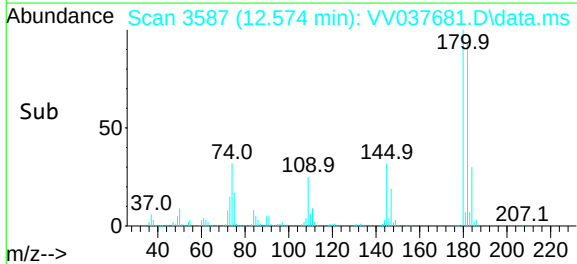
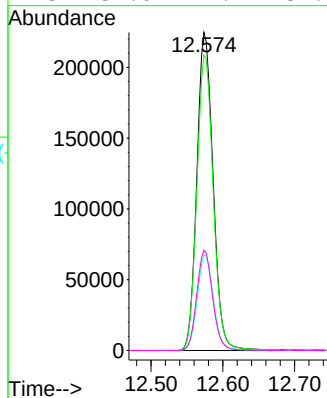
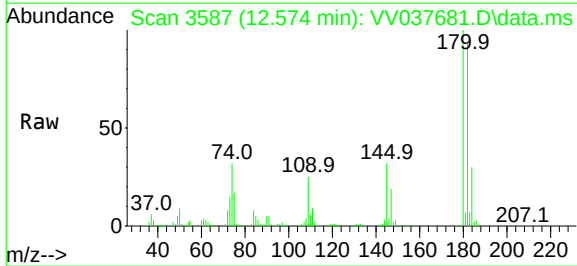
Ion Ratio Lower Upper

180 100

182 93.6 75.6 113.4

184 29.9 23.8 35.6

145 31.0 24.7 37.1



#70

1,2,4-trichlorobenzene

Concen: 47.450 ug/L

RT: 13.191 min Scan# 3779

Delta R.T. 0.000 min

Lab File: VV037681.D

Acq: 01 Oct 2024 00:55

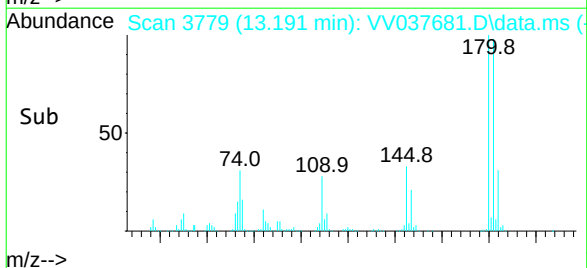
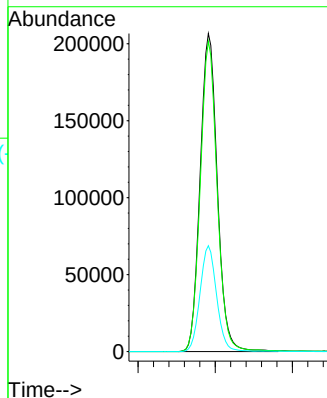
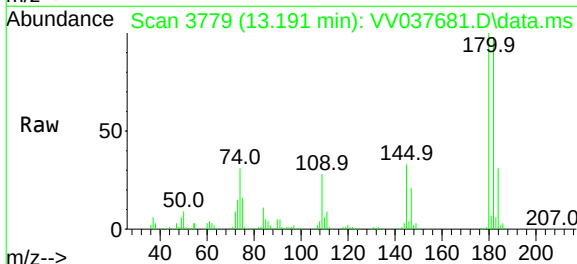
Tgt Ion:180 Resp: 319834

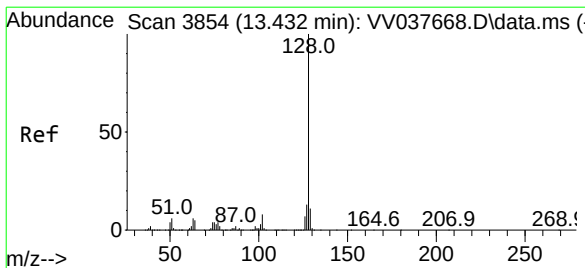
Ion Ratio Lower Upper

180 100

182 95.2 75.9 113.9

145 32.1 25.4 38.2





#71

Naphthalene

Concen: 49.124 ug/L

RT: 13.429 min Scan# 3854

Delta R.T. -0.003 min

Lab File: VV037681.D

Acq: 01 Oct 2024 00:55

Instrument :

MSVOA_V

ClientSampleId :

EY075MSD

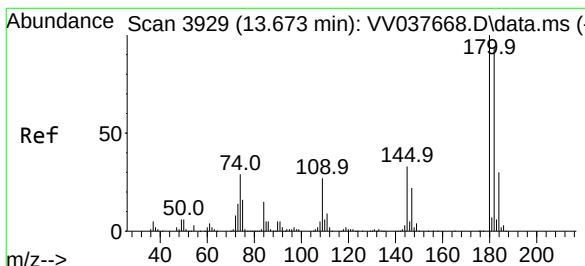
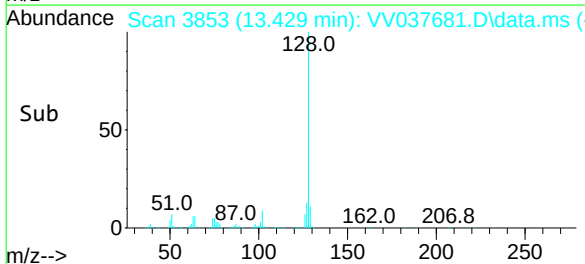
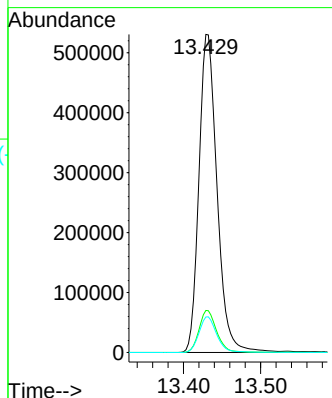
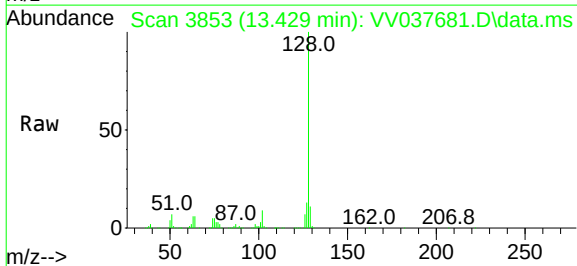
Tgt Ion:128 Resp: 865114

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.4

129 11.0 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 48.315 ug/L

RT: 13.673 min Scan# 3929

Delta R.T. 0.000 min

Lab File: VV037681.D

Acq: 01 Oct 2024 00:55

Tgt Ion:180 Resp: 321603

Ion Ratio Lower Upper

180 100

182 96.0 75.8 113.8

145 33.8 26.2 39.4

