

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV100124\
 Data File : VV037695.D
 Acq On : 01 Oct 2024 12:16
 Operator : SY/MD
 Sample : P4206-03MSD
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EY052MSD

Quant Time: Oct 02 04:39:05 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	673660	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.779	117	653150	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	355247	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	243120	41.112	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	82.220%		
7) Chloroethane-d5	1.532	69	196806	42.875	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	85.740%		
11) 1,1-Dichloroethene-d2	2.059	65	105732	42.795	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	85.580%		
21) 2-Butanone-d5	3.793	46	163259	77.509	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	77.510%		
24) Chloroform-d	4.243	84	461277	43.843	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.680%		
26) 1,2-Dichloroethane-d4	4.937	65	270318	43.895	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.800%		
32) Benzene-d6	4.953	84	908521	44.452	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.900%		
36) 1,2-Dichloropropane-d6	5.985	67	283564	43.570	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	87.140%		
41) Toluene-d8	7.236	98	839530	45.299	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	90.600%		
43) trans-1,3-Dichloroprop...	7.548	79	132235	43.739	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	87.480%		
47) 2-Hexanone-d5	8.024	63	125655	91.435	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	91.430%		
56) 1,1,2,2-Tetrachloroeth...	10.146	84	323611	42.794	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	85.580%		
66) 1,2-Dichlorobenzene-d4	11.551	152	317092	42.359	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	84.720%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.108	85	264004	46.034	ug/L	99
3) Chloromethane	1.217	50	262839	47.208	ug/L	100
5) Vinyl chloride	1.285	62	270638	45.341	ug/L	100
6) Bromomethane	1.487	94	155314	46.887	ug/L	99
8) Chloroethane	1.548	64	171084	46.503	ug/L	99
9) Trichlorofluoromethane	1.715	101	380661	47.378	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	225810	47.032	ug/L	99
12) 1,1-Dichloroethene	2.069	96	208486	46.486	ug/L	92
13) Acetone	2.111	43	126780	61.399	ug/L	99
14) Carbon disulfide	2.240	76	611904	43.710	ug/L	100
15) Methyl Acetate	2.371	43	171288	47.535	ug/L	99
16) Methylene chloride	2.445	84	235553	46.386	ug/L	99
17) trans-1,2-Dichloroethene	2.690	96	221770	46.742	ug/L	99
18) Methyl tert-butyl Ether	2.706	73	654577	48.087	ug/L	99
19) 1,1-Dichloroethane	3.104	63	447131	49.187	ug/L	99
20) cis-1,2-Dichloroethene	3.809	96	259750	48.922	ug/L	99
22) 2-Butanone	3.873	43	185761	81.280	ug/L	93
23) Bromochloromethane	4.140	128	129871	47.287	ug/L	96
25) Chloroform	4.272	83	439976	46.747	ug/L	97

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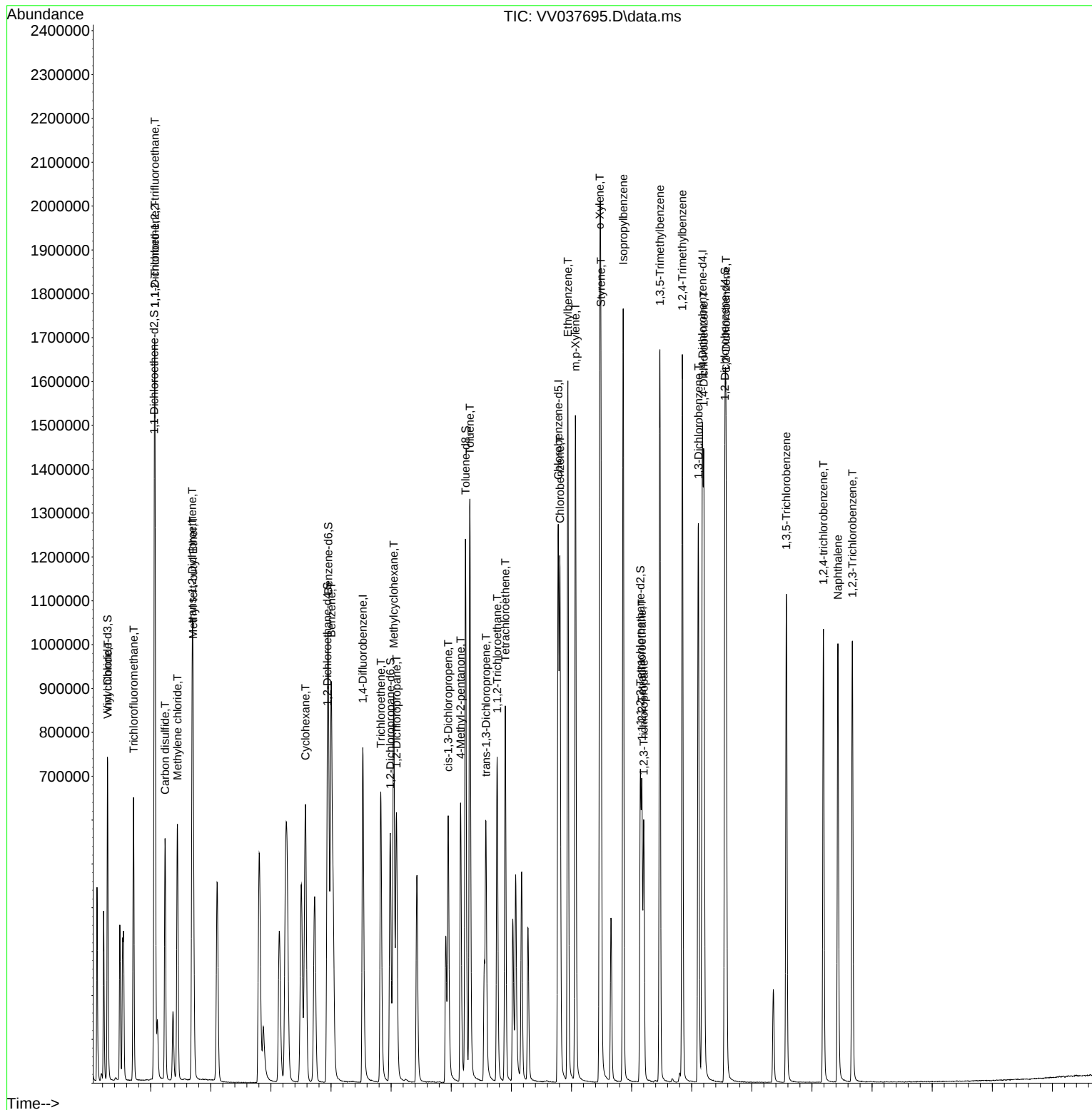
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	320559	48.245	ug/L	99
29) Cyclohexane	4.574	56	344147	46.407	ug/L	98
30) 1,1,1-Trichloroethane	4.506	97	381141	47.380	ug/L	99
31) Carbon tetrachloride	4.728	117	330806	47.299	ug/L	99
33) Benzene	5.005	78	938101	47.623	ug/L	100
34) Trichloroethene	5.828	95	241437	46.024	ug/L	98
35) Methylcyclohexane	6.043	83	376953	46.710	ug/L	99
37) 1,2-Dichloropropane	6.088	63	238647	46.916	ug/L	100
38) Bromodichloromethane	6.429	83	322825	47.476	ug/L	98
39) cis-1,3-Dichloropropene	6.950	75	392594	48.351	ug/L	98
40) 4-Methyl-2-pentanone	7.156	43	409464	98.866	ug/L	99
42) Toluene	7.310	91	993469	48.649	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	353010	48.290	ug/L	98
45) 1,1,2-Trichloroethane	7.763	97	237357	48.597	ug/L	98
46) Tetrachloroethene	7.898	164	186052	46.387	ug/L	97
48) 2-Hexanone	8.072	43	289649	89.941	ug/L	98
49) Dibromochloromethane	8.172	129	248107	47.996	ug/L	97
50) 1,2-Dibromoethane	8.275	107	238131	47.166	ug/L	99
51) Chlorobenzene	8.808	112	648728	46.628	ug/L	100
52) Ethylbenzene	8.940	91	1096846	47.716	ug/L	99
53) m,p-Xylene	9.066	106	418344	48.900	ug/L	98
54) o-Xylene	9.471	106	402291	48.166	ug/L	96
55) Styrene	9.490	104	722098	49.663	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.172	83	325811	47.846	ug/L	98
59) Bromoform	9.657	173	164229	47.300	ug/L	97
60) Isopropylbenzene	9.860	105	1087148	47.071	ug/L	99
61) 1,2,3-Trichloropropane	10.201	75	237737	47.030	ug/L	99
62) 1,3,5-Trimethylbenzene	10.471	105	873395	47.831	ug/L	100
63) 1,2,4-Trimethylbenzene	10.844	105	870550	47.917	ug/L	100
64) 1,3-Dichlorobenzene	11.111	146	514452	46.277	ug/L	99
65) 1,4-Dichlorobenzene	11.201	146	534744	46.195	ug/L	100
67) 1,2-Dichlorobenzene	11.570	146	511028	46.501	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.358	75	55311	45.075	ug/L	97
69) 1,3,5-Trichlorobenzene	12.573	180	335563	43.894	ug/L	99
70) 1,2,4-trichlorobenzene	13.191	180	304542	42.936	ug/L	100
71) Naphthalene	13.432	128	781072	42.149	ug/L	100
72) 1,2,3-Trichlorobenzene	13.673	180	302131	43.135	ug/L	100

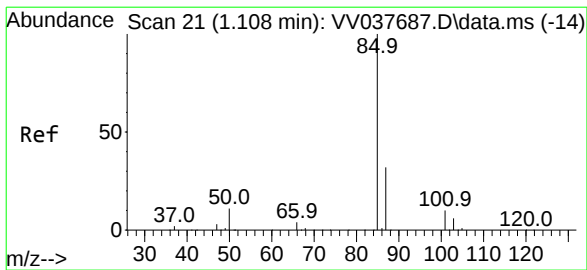
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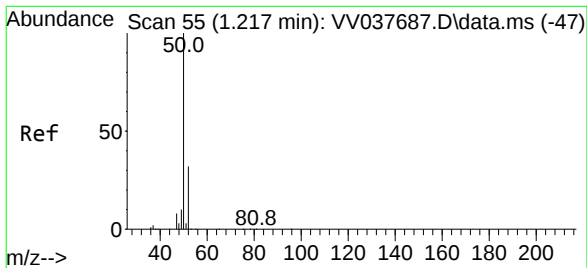
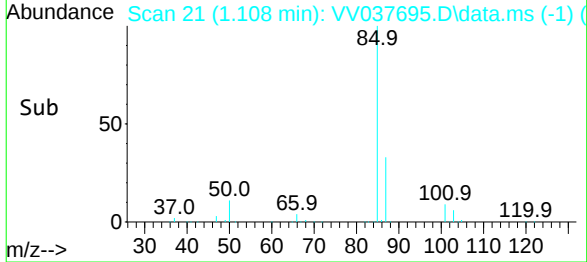
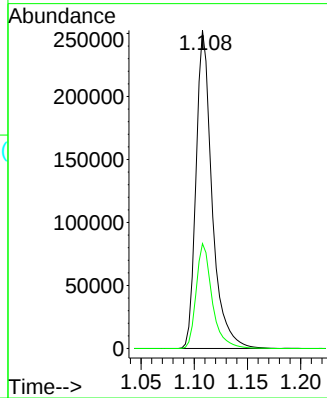
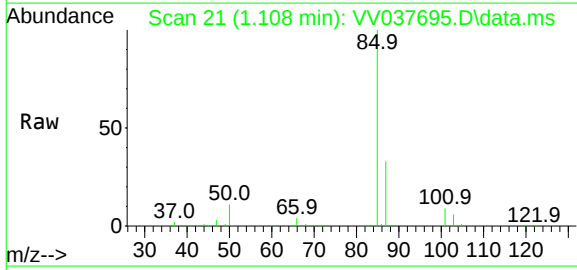




#2
Dichlorodifluoromethane
Concen: 46.034 ug/L
RT: 1.108 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV037695.D
Acq: 01 Oct 2024 12:16

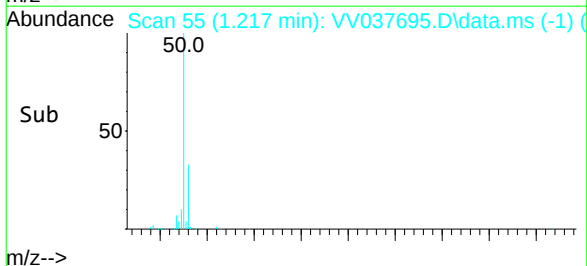
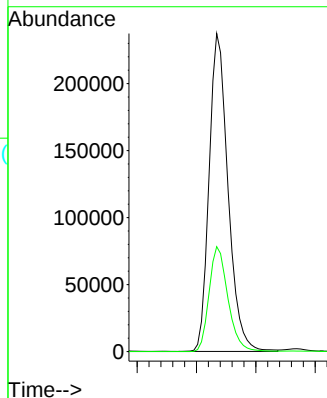
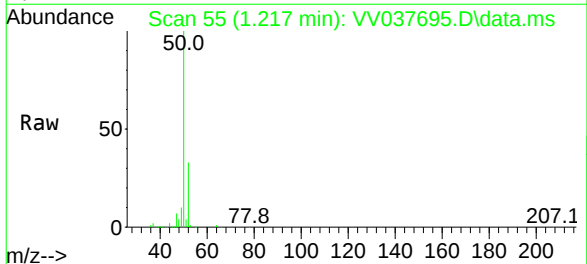
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MSVOA_V
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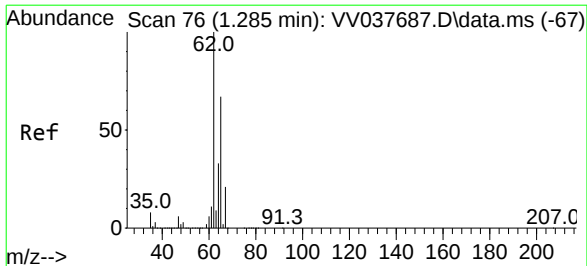
Tgt Ion: 85 Resp: 264004
Ion Ratio Lower Upper
85 100
87 32.9 25.8 38.8



#3
Chloromethane
Concen: 47.208 ug/L
RT: 1.217 min Scan# 55
Delta R.T. 0.000 min
Lab File: VV037695.D
Acq: 01 Oct 2024 12:16

Tgt Ion: 50 Resp: 262839
Ion Ratio Lower Upper
50 100
52 33.0 23.2 43.2

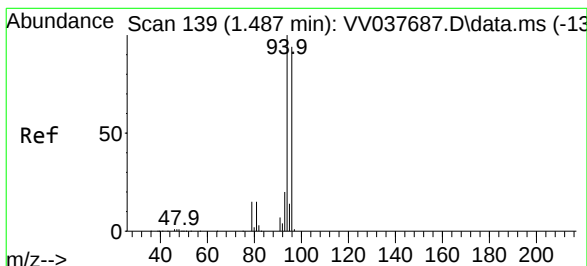
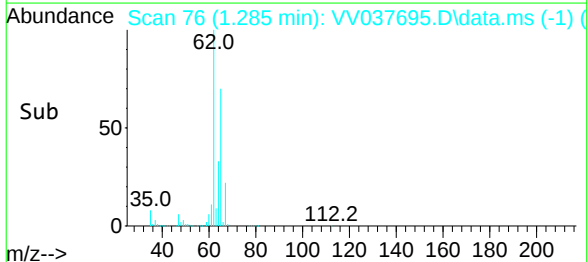
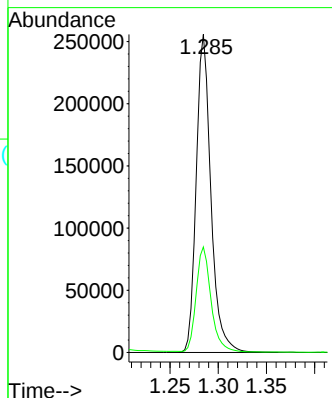
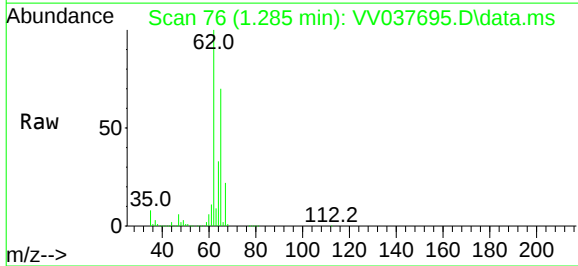




#5
 Vinyl chloride
 Concen: 45.341 ug/L
 RT: 1.285 min Scan# 76
 Delta R.T. 0.000 min
 Lab File: VV037695.D
 Acq: 01 Oct 2024 12:16

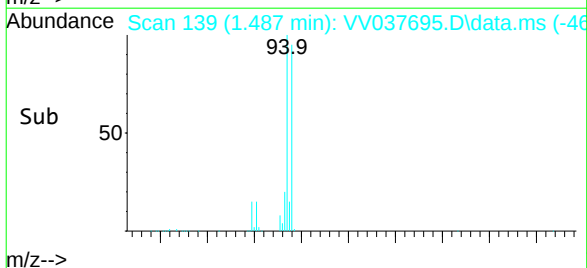
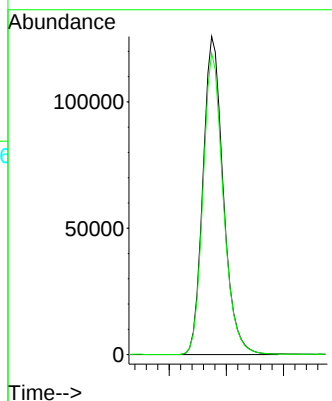
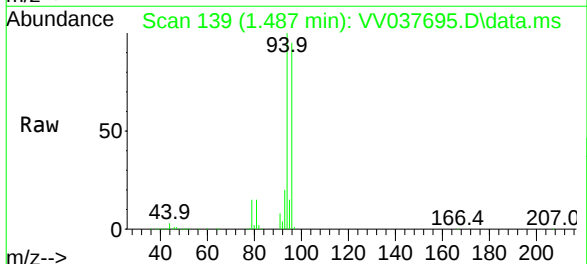
Instrument :
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 ClientSampleId :
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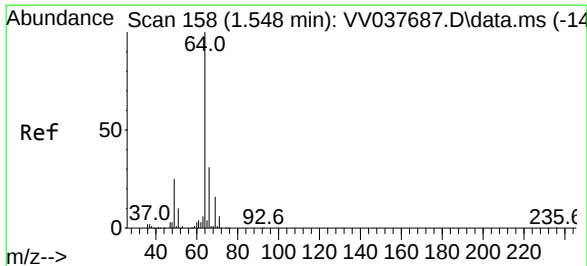
Tgt Ion: 62 Resp: 270638
 Ion Ratio Lower Upper
 62 100
 64 33.2 23.2 43.0



#6
 Bromomethane
 Concen: 46.887 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. 0.000 min
 Lab File: VV037695.D
 Acq: 01 Oct 2024 12:16

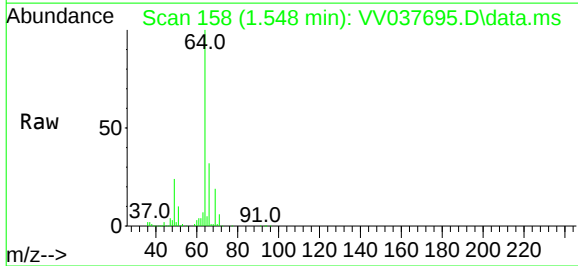
Tgt Ion: 94 Resp: 155314
 Ion Ratio Lower Upper
 94 100
 96 94.8 65.8 122.2



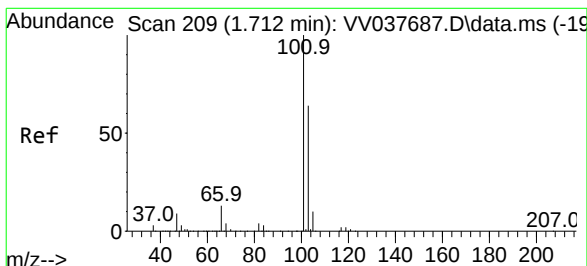
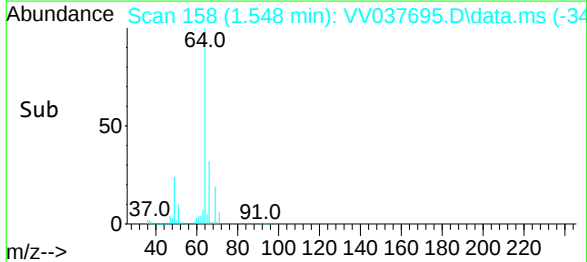
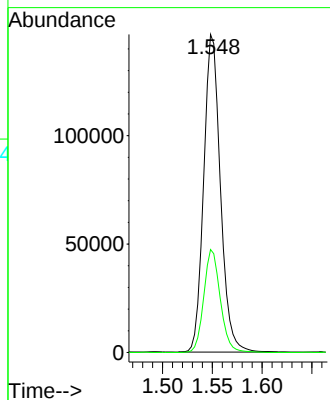


#8
Chloroethane
Concen: 46.503 ug/L
RT: 1.548 min Scan# 158
Delta R.T. 0.000 min
Lab File: VV037695.D
Acq: 01 Oct 2024 12:16

Instrument :
MSVOA_V
ClientSampleId :
EY052MSD

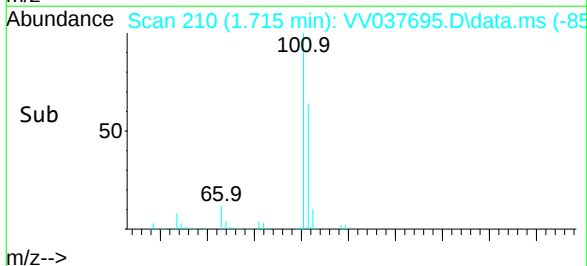
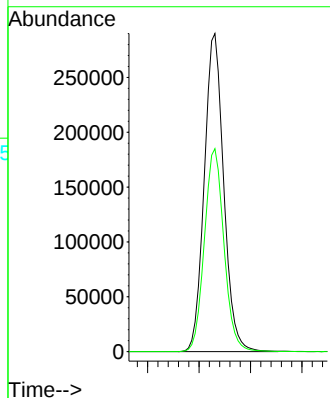
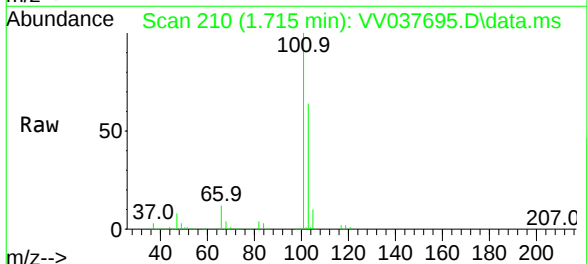


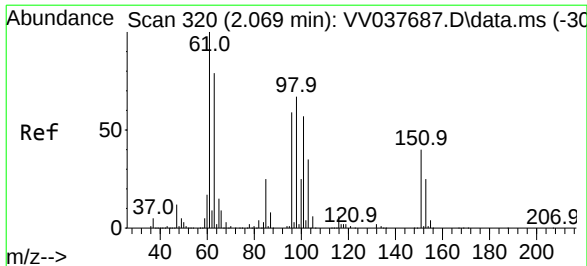
Tgt Ion: 64 Resp: 171084
Ion Ratio Lower Upper
64 100
66 32.4 22.2 41.2



#9
Trichlorofluoromethane
Concen: 47.378 ug/L
RT: 1.715 min Scan# 210
Delta R.T. 0.003 min
Lab File: VV037695.D
Acq: 01 Oct 2024 12:16

Tgt Ion: 101 Resp: 380661
Ion Ratio Lower Upper
101 100
103 64.2 52.2 78.4

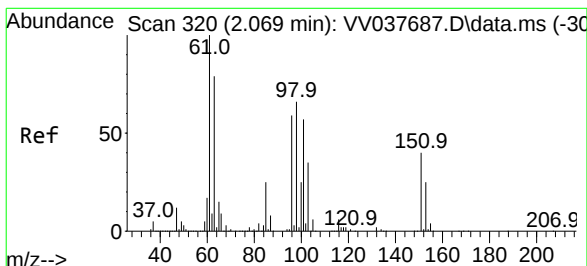
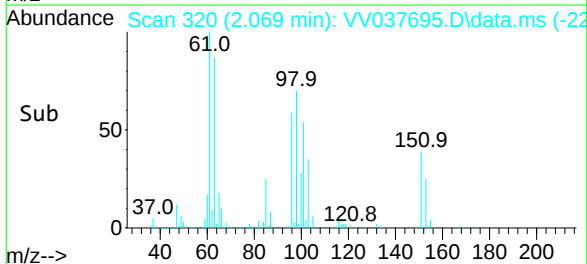
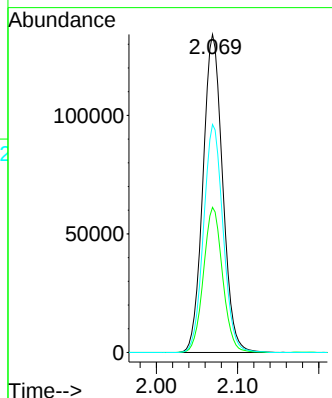
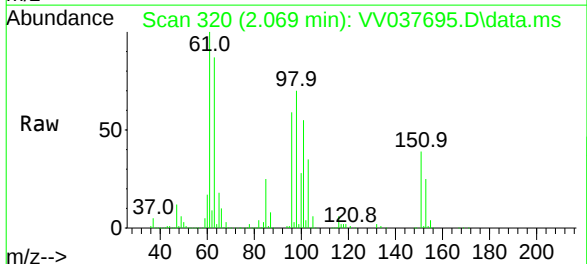




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 47.032 ug/L
RT: 2.069 min Scan# 320
Delta R.T. 0.000 min
Lab File: VV037695.D
Acq: 01 Oct 2024 12:16

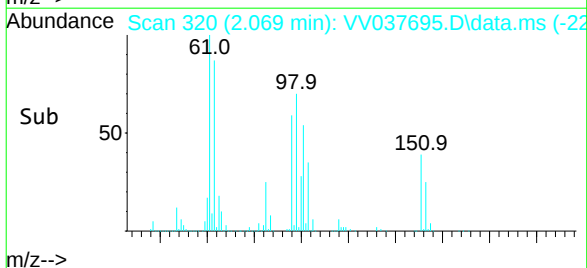
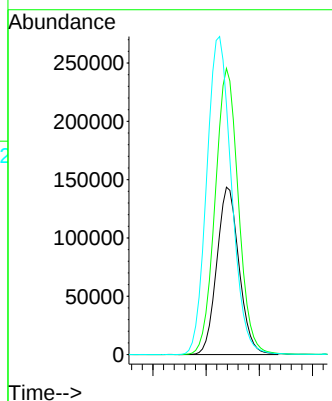
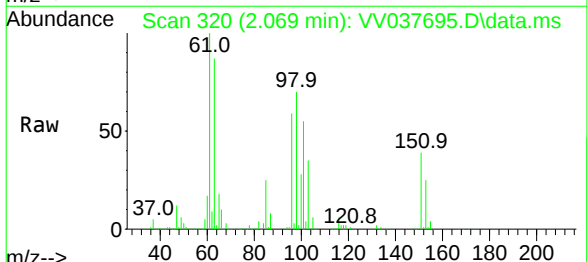
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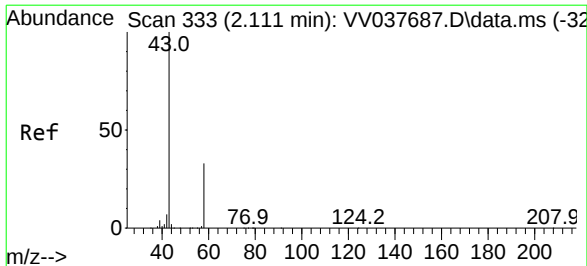
Tgt Ion: 101 Resp: 225810
Ion Ratio Lower Upper
101 100
85 44.3 34.6 52.0
151 71.3 57.5 86.3



#12
1,1-Dichloroethene
Concen: 46.486 ug/L
RT: 2.069 min Scan# 320
Delta R.T. 0.000 min
Lab File: VV037695.D
Acq: 01 Oct 2024 12:16

Tgt Ion: 96 Resp: 208486
Ion Ratio Lower Upper
96 100
61 170.9 122.6 227.6
63 149.4 118.0 219.2

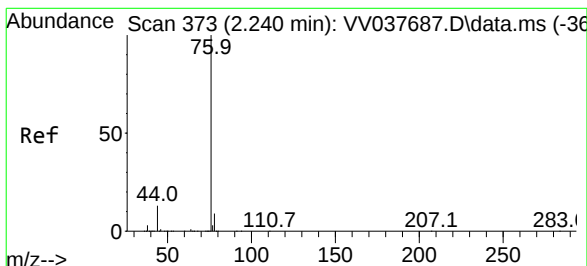
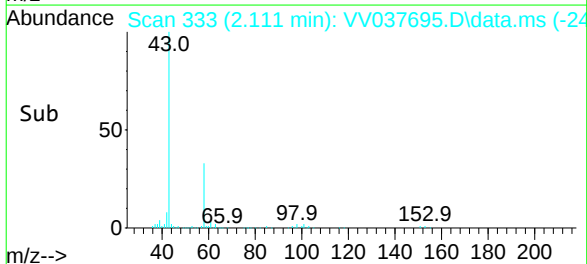
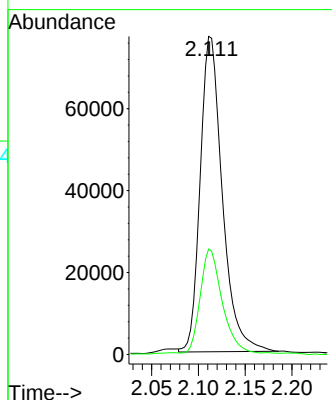
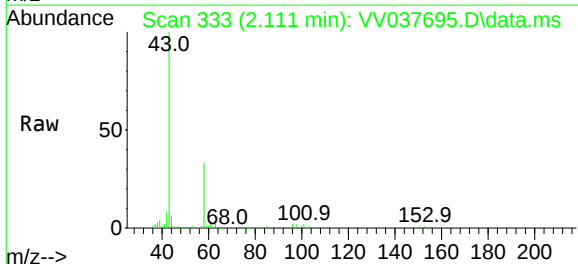




#13
Acetone
Concen: 61.399 ug/L
RT: 2.111 min Scan# 333
Delta R.T. 0.000 min
Lab File: VV037695.D
Acq: 01 Oct 2024 12:16

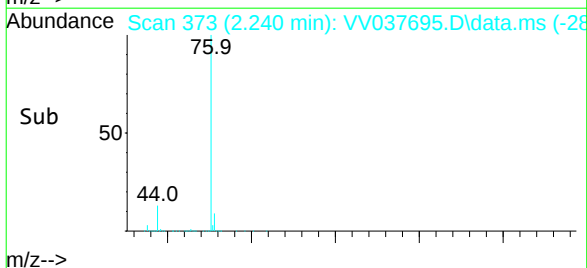
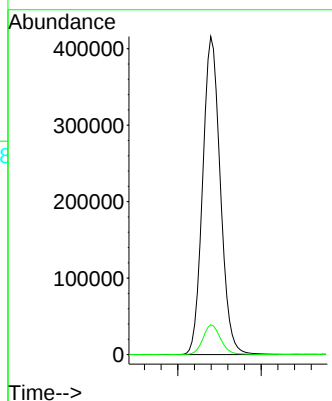
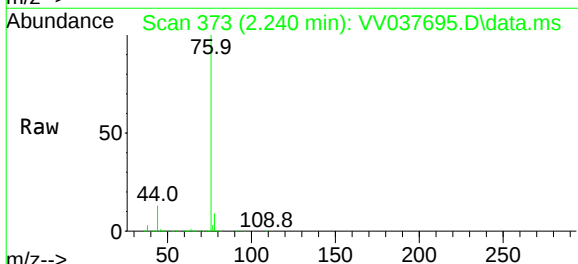
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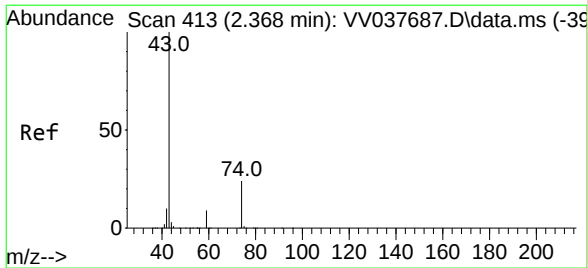
Tgt Ion: 43 Resp: 126780
Ion Ratio Lower Upper
43 100
58 33.6 0.0 66.6



#14
Carbon disulfide
Concen: 43.710 ug/L
RT: 2.240 min Scan# 373
Delta R.T. 0.000 min
Lab File: VV037695.D
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Tgt Ion: 76 Resp: 611904
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.0





#15

Methyl Acetate

Concen: 47.535 ug/L

RT: 2.371 min Scan# 41

Delta R.T. 0.000 min

Lab File: VV037695.D

Acq: 01 Oct 2024 12:16

Instrument :

MSVOA_V

ClientSampleId :

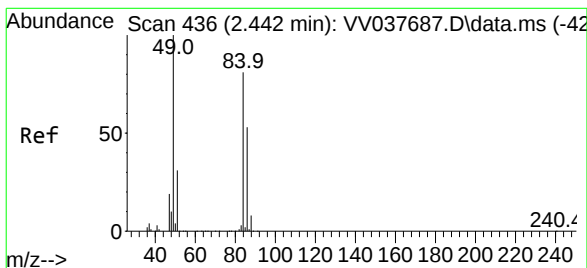
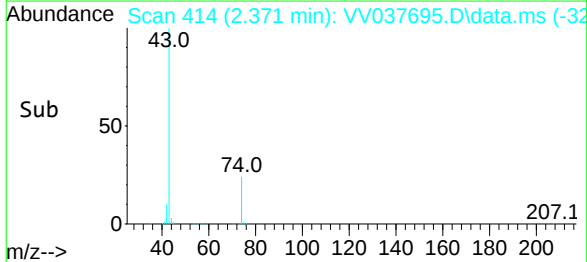
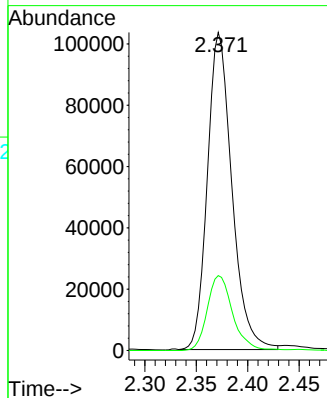
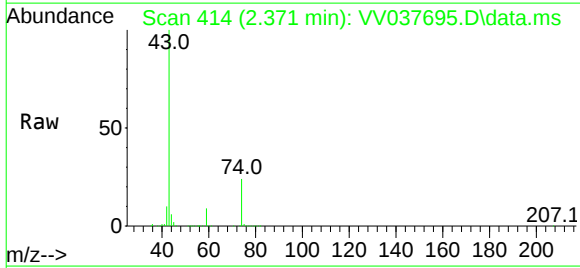
EY052MSD

Tgt Ion: 43 Resp: 171288

Ion Ratio Lower Upper

43 100

74 24.5 19.4 29.0



#16

Methylene chloride

Concen: 46.386 ug/L

RT: 2.445 min Scan# 437

Delta R.T. 0.000 min

Lab File: VV037695.D

Acq: 01 Oct 2024 12:16

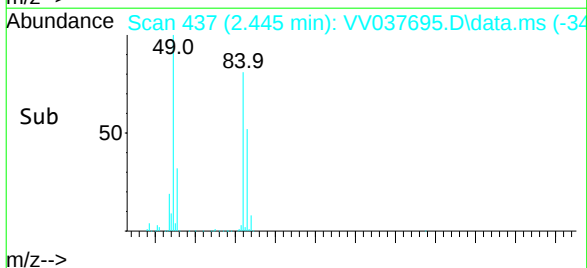
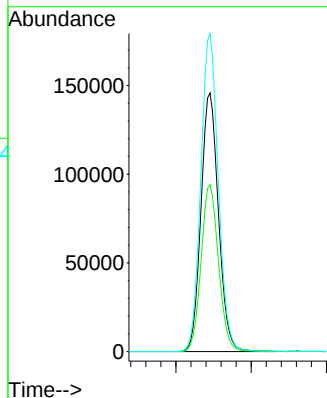
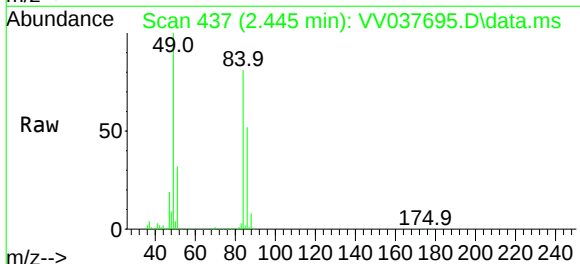
Tgt Ion: 84 Resp: 235553

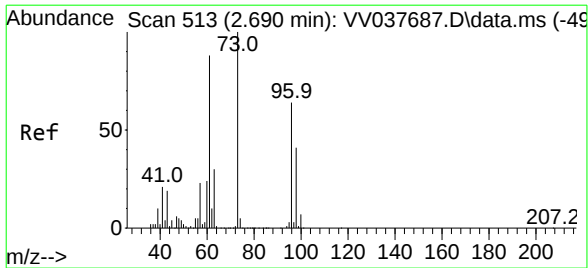
Ion Ratio Lower Upper

84 100

86 64.5 46.4 86.2

49 123.0 85.9 159.5

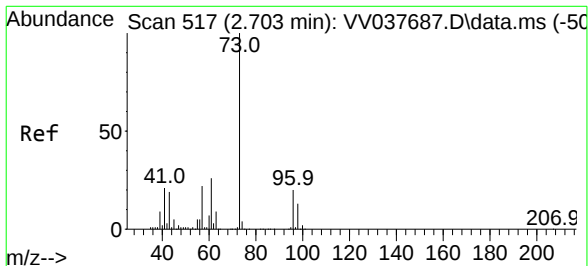
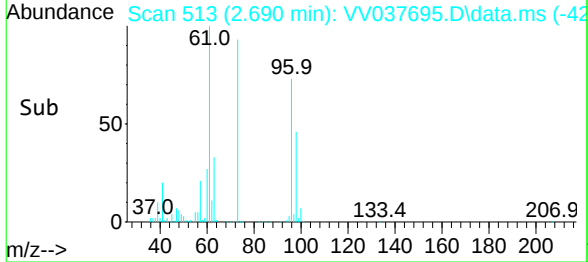
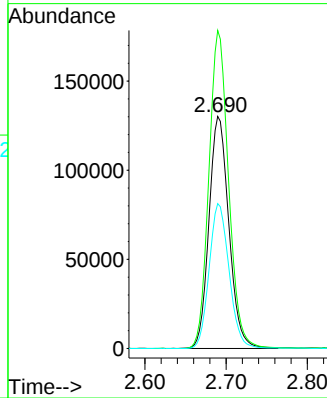
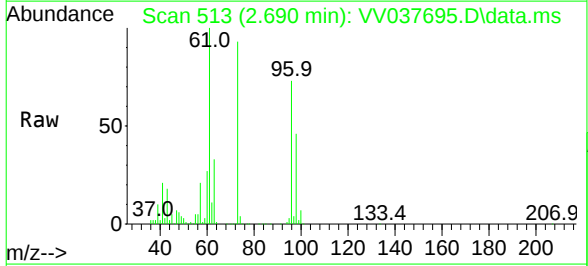




#17
trans-1,2-Dichloroethene
Concen: 46.742 ug/L
RT: 2.690 min Scan# 513
Delta R.T. 0.000 min
Lab File: VV037695.D
Acq: 01 Oct 2024 12:16

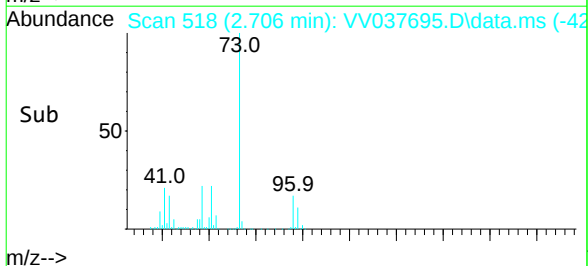
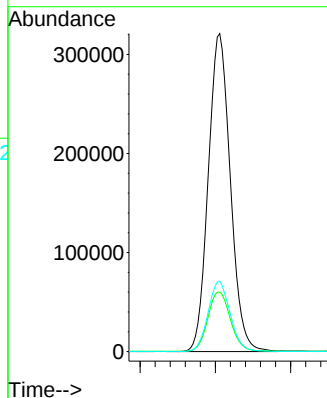
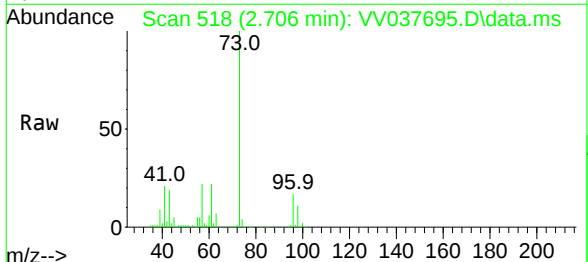
Instrument :
MSVOA_V
ClientSampleId :
EY052MSD

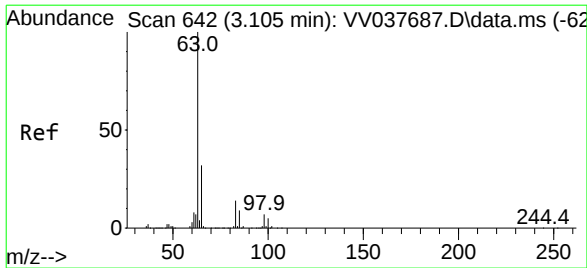
Tgt Ion: 96 Resp: 221770
Ion Ratio Lower Upper
96 100
61 137.0 97.3 180.7
98 62.4 43.9 81.5



#18
Methyl tert-butyl Ether
Concen: 48.087 ug/L
RT: 2.706 min Scan# 518
Delta R.T. 0.000 min
Lab File: VV037695.D
Acq: 01 Oct 2024 12:16

Tgt Ion: 73 Resp: 654577
Ion Ratio Lower Upper
73 100
43 19.1 15.1 22.7
57 22.1 17.4 26.2

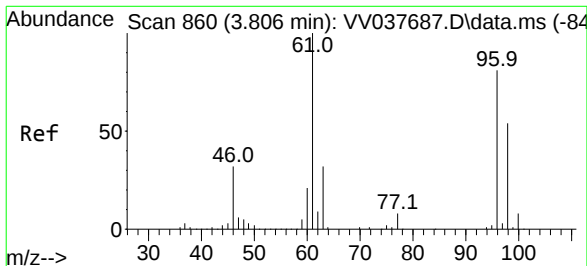
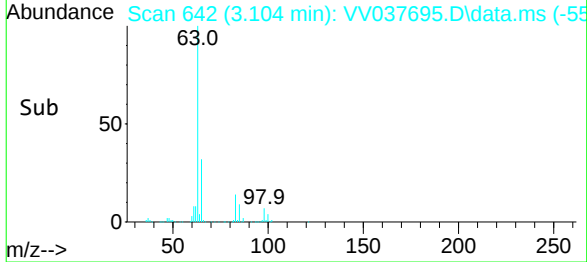
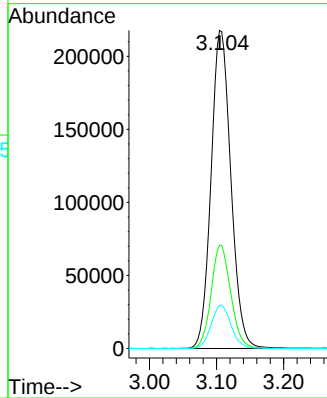
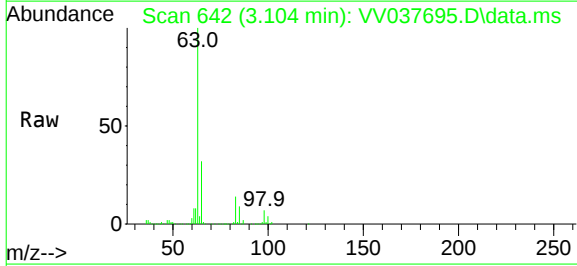




#19
1,1-Dichloroethane
Concen: 49.187 ug/L
RT: 3.104 min Scan# 64
Delta R.T. -0.003 min
Lab File: VV037695.D
Acq: 01 Oct 2024 12:16

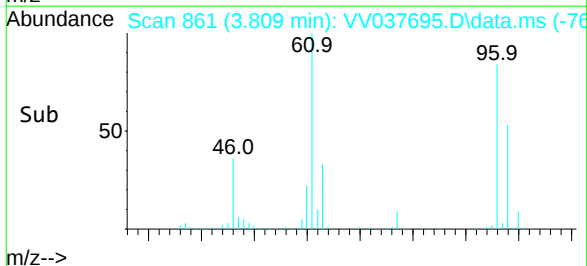
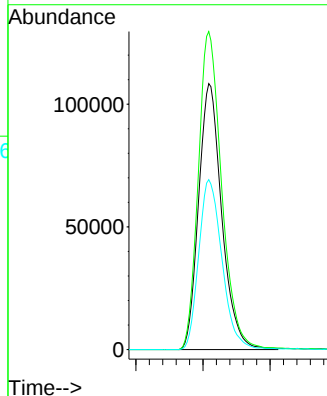
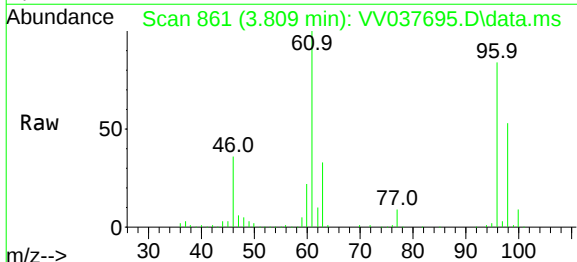
Instrument :
MSVOA_V
ClientSampleId :
EY052MSD

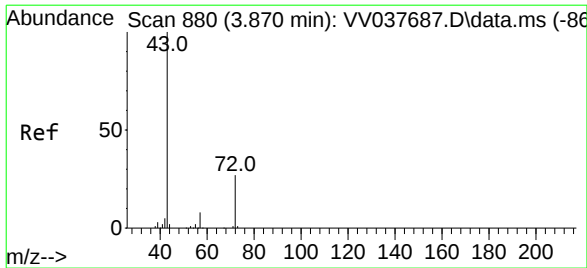
Tgt Ion:	63	Resp:	447131
Ion	Ratio	Lower	Upper
63	100		
65	32.5	22.4	41.6
83	13.6	9.5	17.7



#20
cis-1,2-Dichloroethene
Concen: 48.922 ug/L
RT: 3.809 min Scan# 861
Delta R.T. 0.000 min
Lab File: VV037695.D
Acq: 01 Oct 2024 12:16

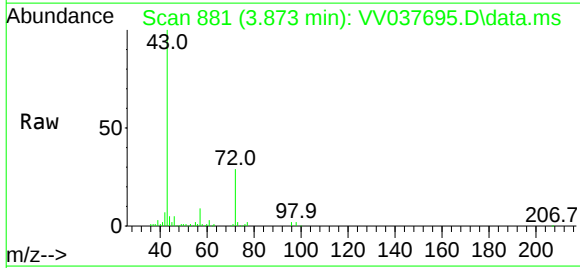
Tgt Ion:	96	Resp:	259750
Ion	Ratio	Lower	Upper
96	100		
61	119.6	85.0	157.8
98	63.9	44.2	82.0



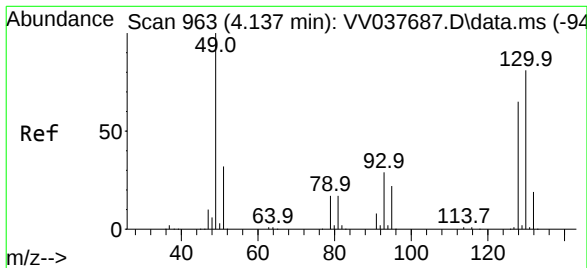
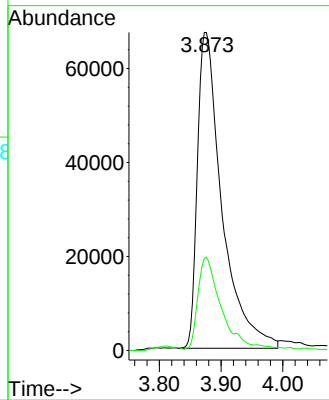
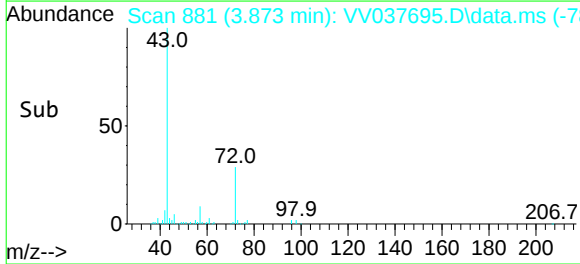


#22
2-Butanone
Concen: 81.280 ug/L
RT: 3.873 min Scan# 880
Delta R.T. 0.000 min
Lab File: VV037695.D
Acq: 01 Oct 2024 12:16

Instrument :
MSVOA_V
ClientSampleId :
EY052MSD

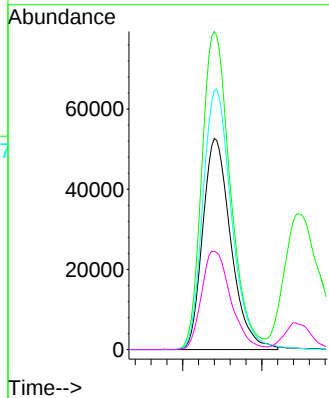
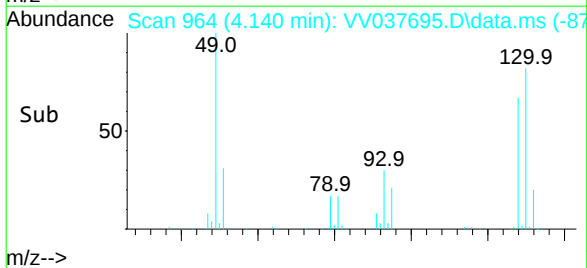
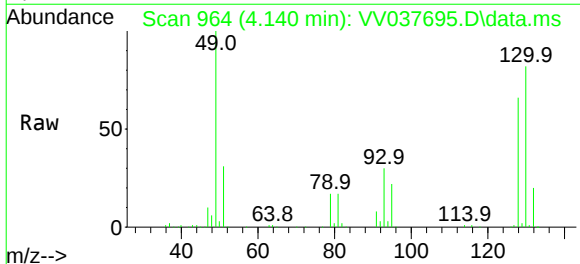


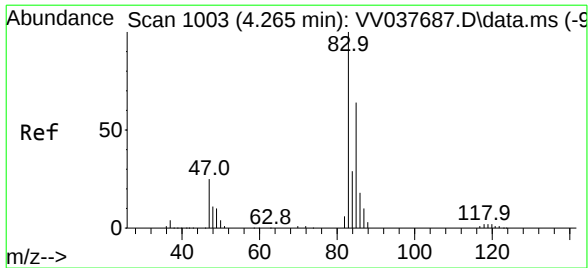
Tgt Ion: 43 Resp: 185761
Ion Ratio Lower Upper
43 100
72 24.8 14.3 42.9



#23
Bromochloromethane
Concen: 47.287 ug/L
RT: 4.140 min Scan# 964
Delta R.T. 0.000 min
Lab File: VV037695.D
Acq: 01 Oct 2024 12:16

Tgt Ion: 128 Resp: 129871
Ion Ratio Lower Upper
128 100
49 150.7 108.7 201.9
130 122.9 90.4 168.0
51 46.5 39.2 58.8

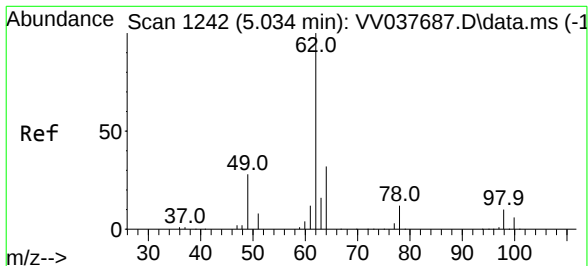
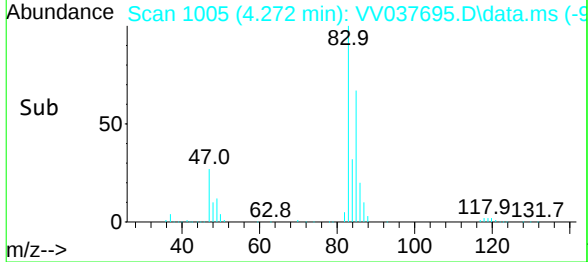
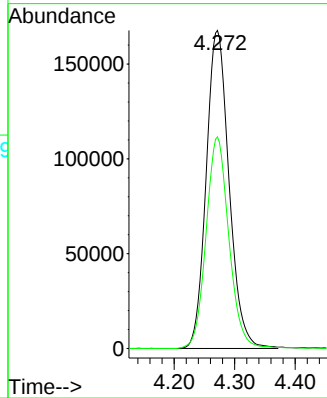
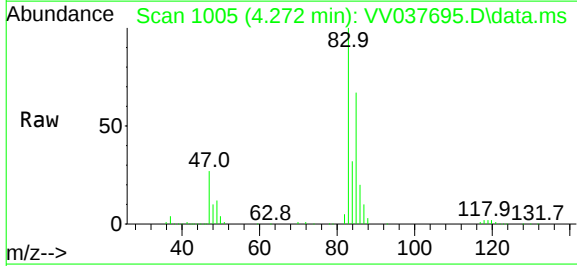




#25
Chloroform
Concen: 46.747 ug/L
RT: 4.272 min Scan# 1005
Delta R.T. 0.000 min
Lab File: VV037695.D
Acq: 01 Oct 2024 12:16

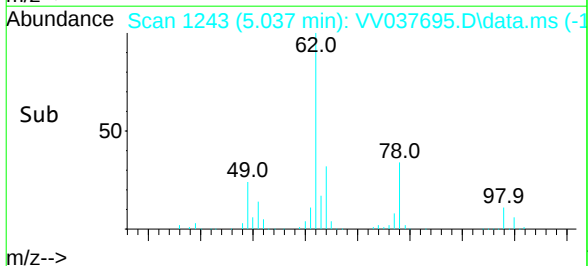
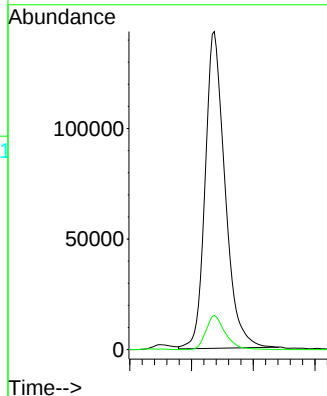
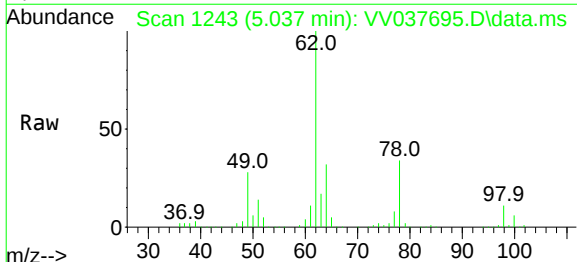
Instrument :
MSVOA_V
ClientSampleId :
EY052MSD

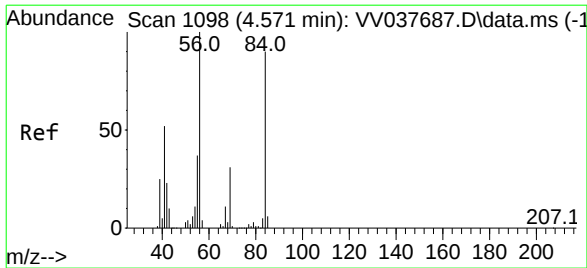
Tgt Ion: 83 Resp: 439976
Ion Ratio Lower Upper
83 100
85 66.5 45.1 83.7



#27
1,2-Dichloroethane
Concen: 48.245 ug/L
RT: 5.037 min Scan# 1243
Delta R.T. 0.000 min
Lab File: VV037695.D
Acq: 01 Oct 2024 12:16

Tgt Ion: 62 Resp: 320559
Ion Ratio Lower Upper
62 100
98 10.7 8.4 12.6





#29

Cyclohexane

Concen: 46.407 ug/L

RT: 4.574 min Scan# 1098

Delta R.T. 0.000 min

Lab File: VV037695.D

Acq: 01 Oct 2024 12:16

Instrument :

MSVOA_V

ClientSampleId :

EY052MSD

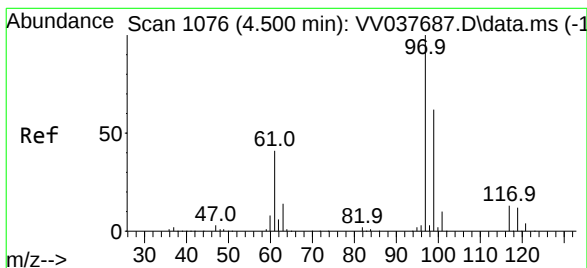
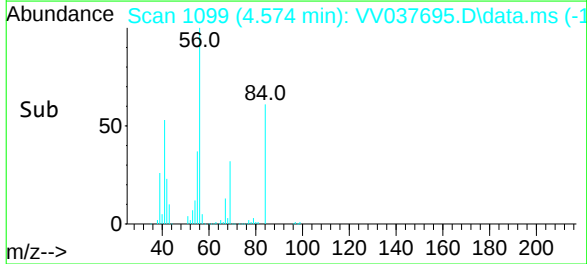
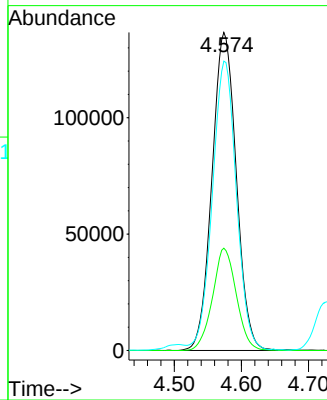
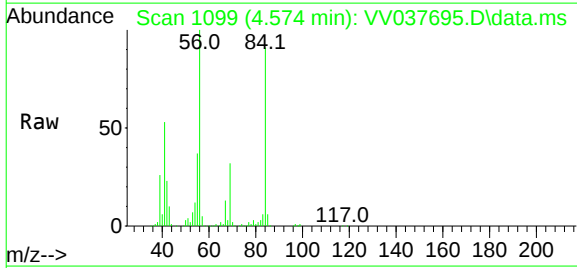
Tgt Ion: 56 Resp: 344147

Ion Ratio Lower Upper

56 100

69 31.4 24.7 37.1

84 89.7 73.4 110.0



#30

1,1,1-Trichloroethane

Concen: 47.380 ug/L

RT: 4.506 min Scan# 1078

Delta R.T. 0.000 min

Lab File: VV037695.D

Acq: 01 Oct 2024 12:16

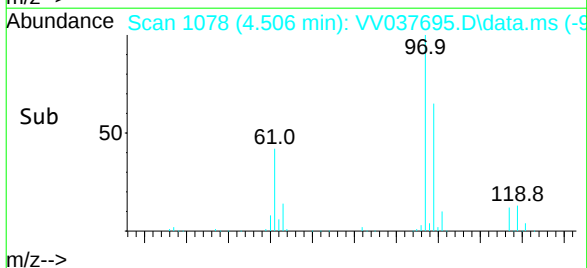
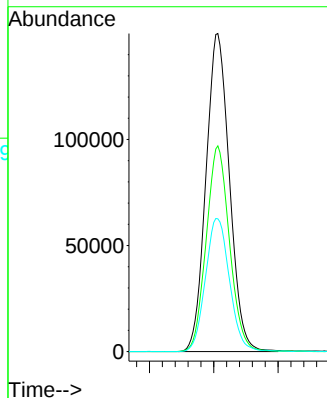
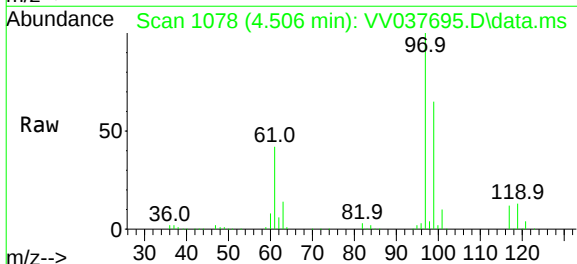
Tgt Ion: 97 Resp: 381141

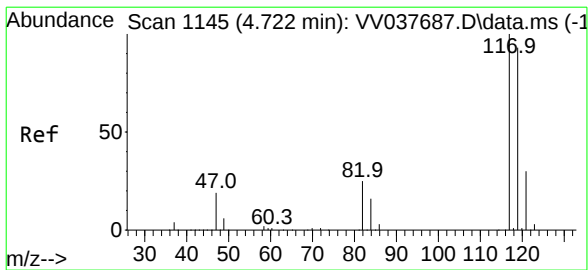
Ion Ratio Lower Upper

97 100

99 64.1 51.8 77.6

61 42.7 33.6 50.4

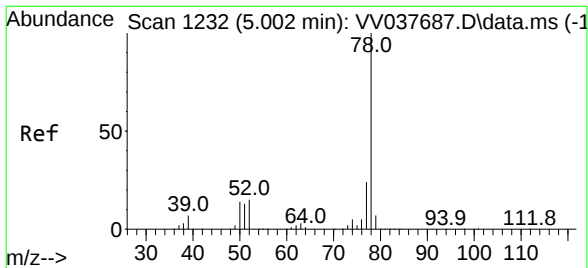
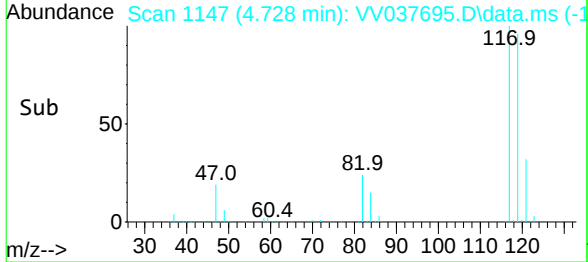
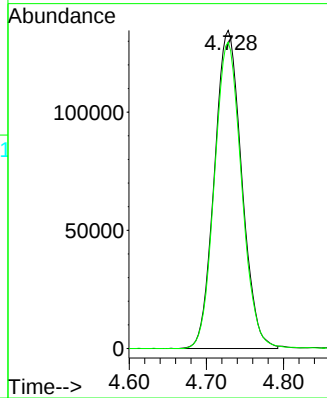
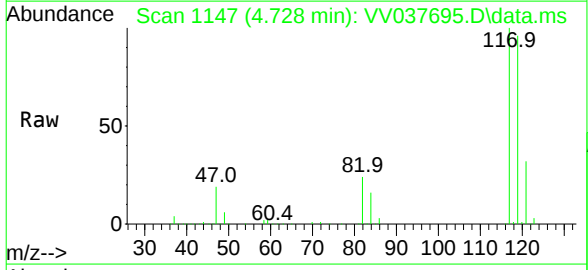




#31
Carbon tetrachloride
Concen: 47.299 ug/L
RT: 4.728 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VV037695.D
Acq: 01 Oct 2024 12:16

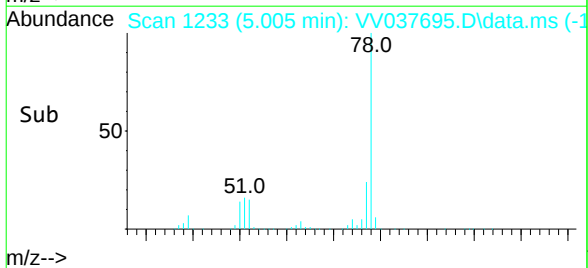
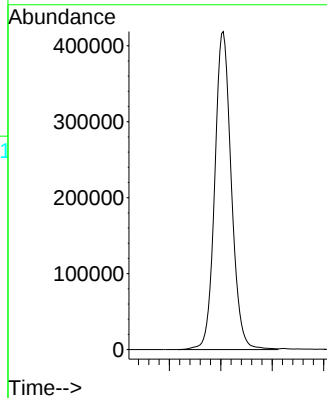
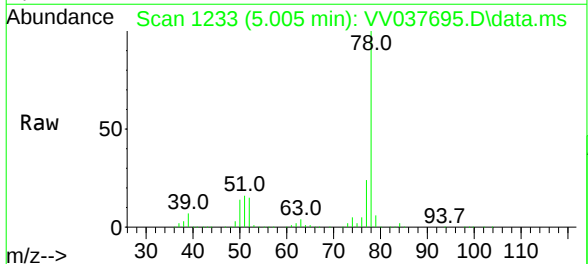
Instrument : MSVOA_V
ClientSampleId : EY052MSD

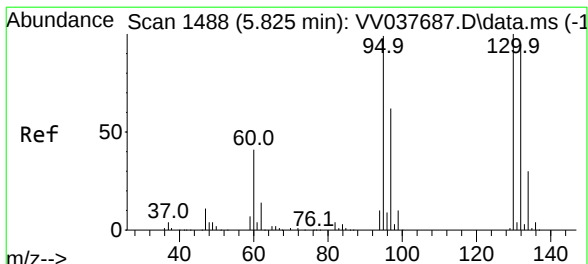
Tgt Ion: 117 Resp: 330806
Ion Ratio Lower Upper
117 100
119 95.6 76.9 115.3



#33
Benzene
Concen: 47.623 ug/L
RT: 5.005 min Scan# 1233
Delta R.T. 0.000 min
Lab File: VV037695.D
Acq: 01 Oct 2024 12:16

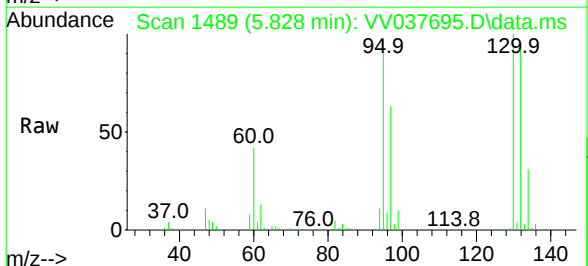
Tgt Ion: 78 Resp: 938101





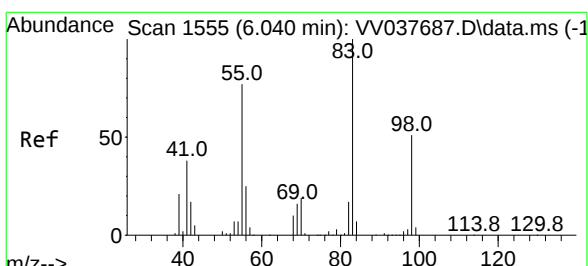
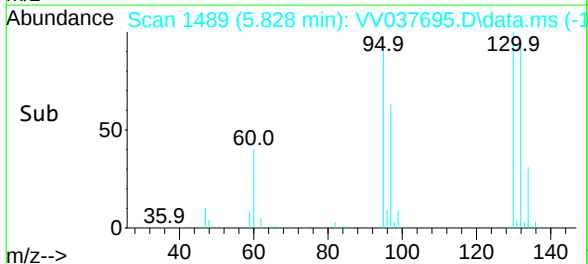
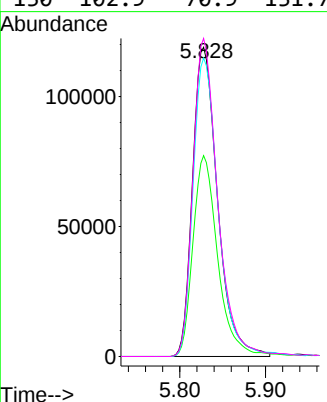
#34
 Trichloroethene
 Concen: 46.024 ug/L
 RT: 5.828 min Scan# 1489
 Delta R.T. 0.000 min
 Lab File: VV037695.D
 Acq: 01 Oct 2024 12:16

Instrument :
 MSVOA_V
 ClientSampleId :
 EY052MSD



Tgt Ion: 95 Resp: 241437

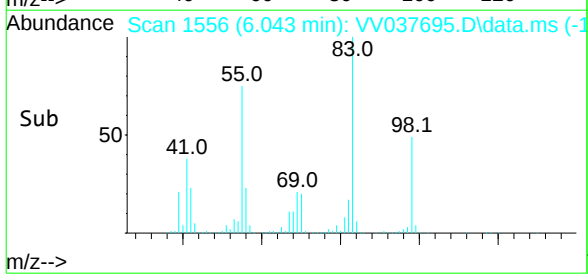
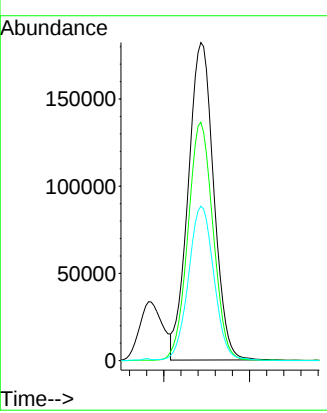
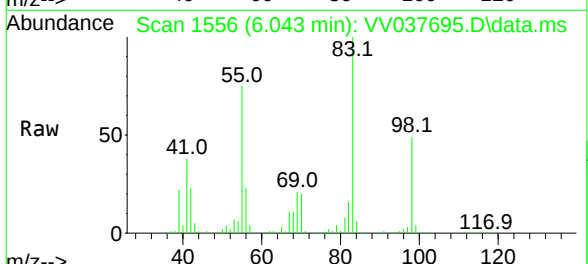
Ion	Ratio	Lower	Upper
95	100		
97	64.9	46.3	85.9
132	96.5	68.6	127.4
130	102.9	70.9	131.7

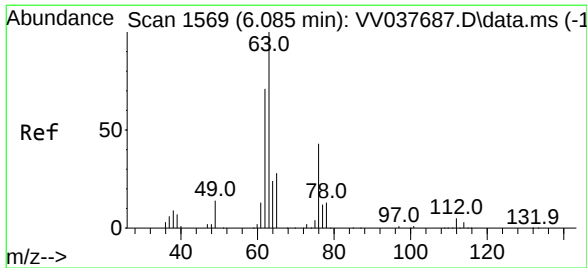


#35
 Methylcyclohexane
 Concen: 46.710 ug/L
 RT: 6.043 min Scan# 1556
 Delta R.T. 0.000 min
 Lab File: VV037695.D
 Acq: 01 Oct 2024 12:16

Tgt Ion: 83 Resp: 376953

Ion	Ratio	Lower	Upper
83	100		
55	73.6	57.9	86.9
98	48.5	39.3	58.9

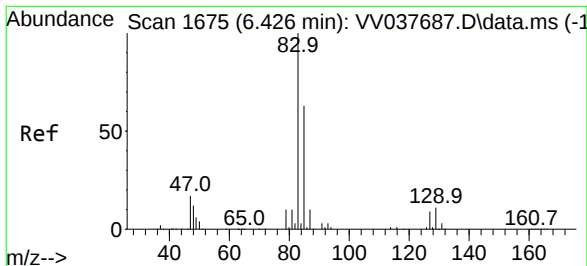
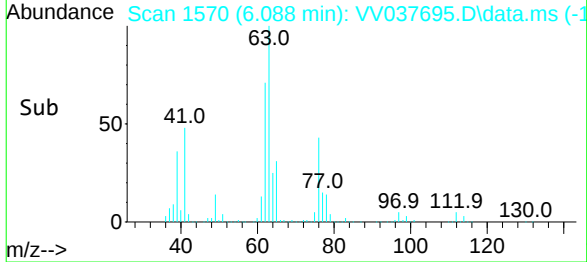
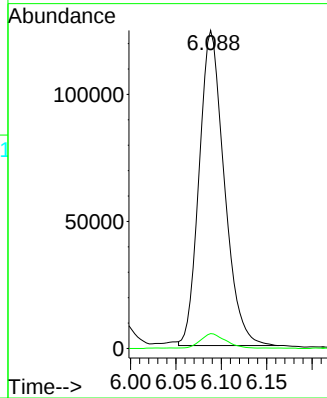
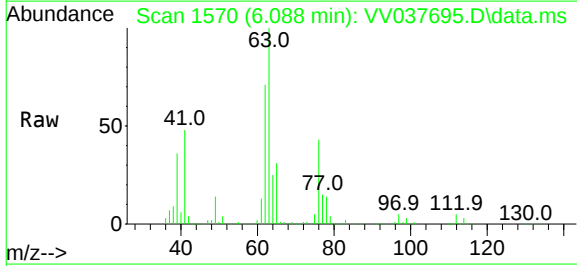




#37
1,2-Dichloropropane
Concen: 46.916 ug/L
RT: 6.088 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VV037695.D
Acq: 01 Oct 2024 12:16

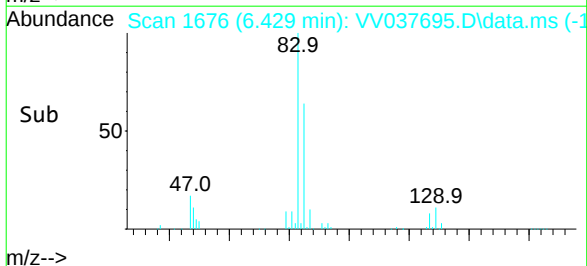
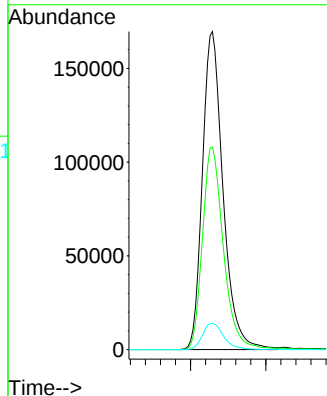
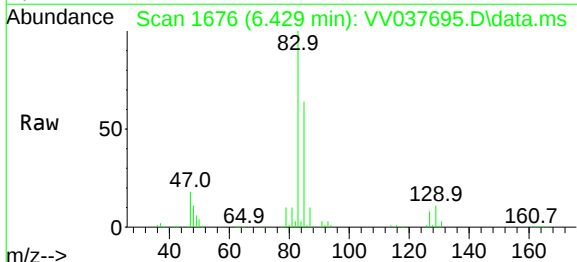
Instrument :
MSVOA_V
ClientSampleId :
EY052MSD

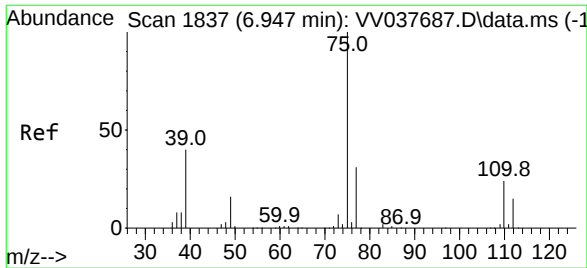
Tgt Ion: 63 Resp: 238647
Ion Ratio Lower Upper
63 100
112 4.5 3.5 5.3



#38
Bromodichloromethane
Concen: 47.476 ug/L
RT: 6.429 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VV037695.D
Acq: 01 Oct 2024 12:16

Tgt Ion: 83 Resp: 322825
Ion Ratio Lower Upper
83 100
85 63.6 45.7 84.9
127 8.2 7.0 10.4

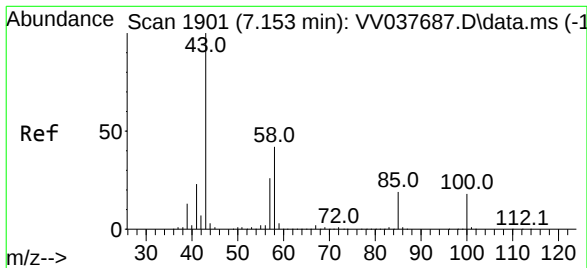
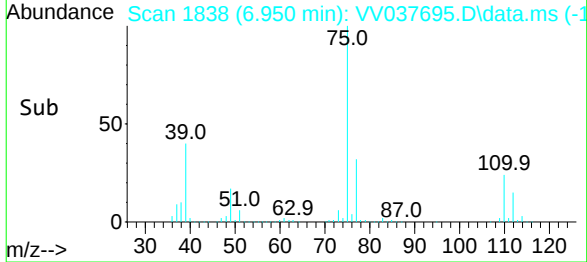
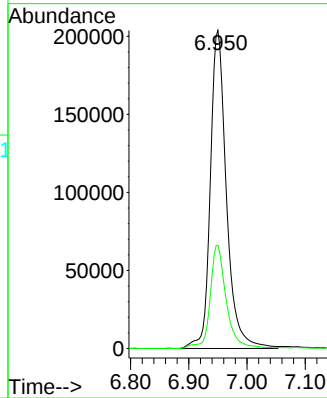
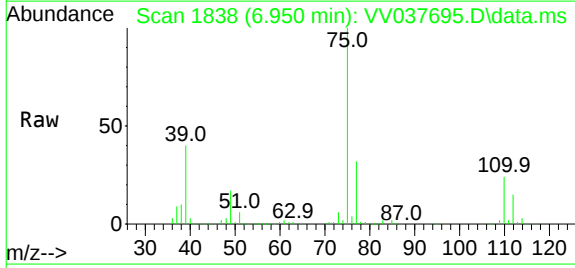




#39
cis-1,3-Dichloropropene
Concen: 48.351 ug/L
RT: 6.950 min Scan# 1837
Delta R.T. 0.000 min
Lab File: VV037695.D
Acq: 01 Oct 2024 12:16

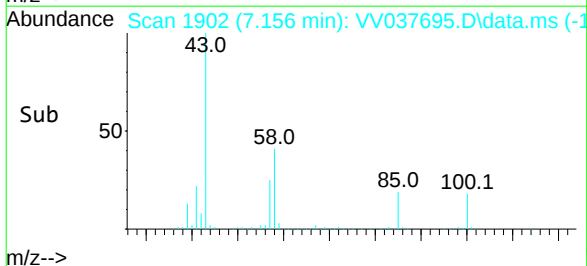
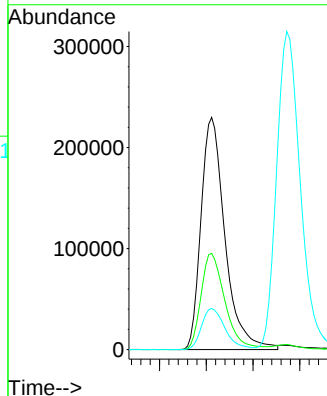
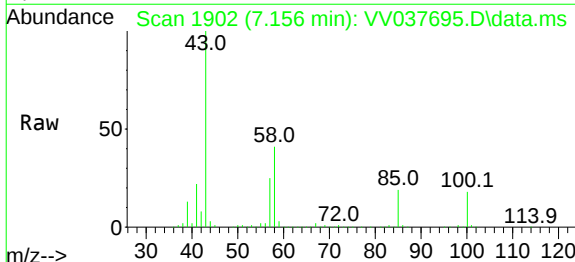
Instrument :
MSVOA_V
ClientSampleId :
EY052MSD

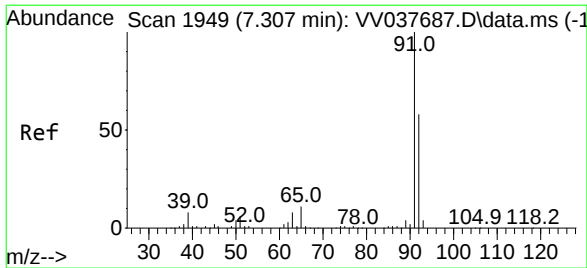
Tgt Ion: 75 Resp: 392594
Ion Ratio Lower Upper
75 100
77 32.5 21.8 40.4



#40
4-Methyl-2-pentanone
Concen: 98.866 ug/L
RT: 7.156 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VV037695.D
Acq: 01 Oct 2024 12:16

Tgt Ion: 43 Resp: 409464
Ion Ratio Lower Upper
43 100
58 41.5 33.0 49.4
100 17.4 13.7 20.5





#42

Toluene

Concen: 48.649 ug/L

RT: 7.310 min Scan# 19

Delta R.T. 0.000 min

Lab File: VV037695.D

Acq: 01 Oct 2024 12:16

Instrument :

MSVOA_V

ClientSampleId :

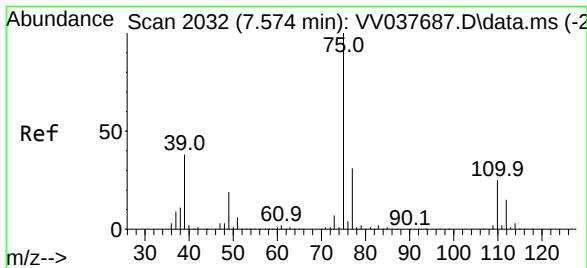
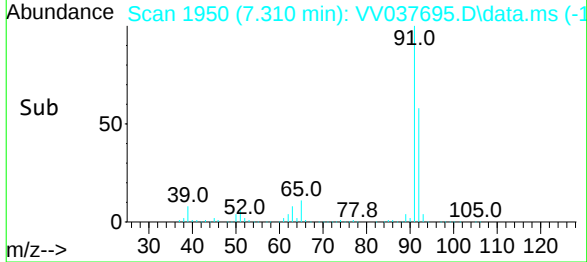
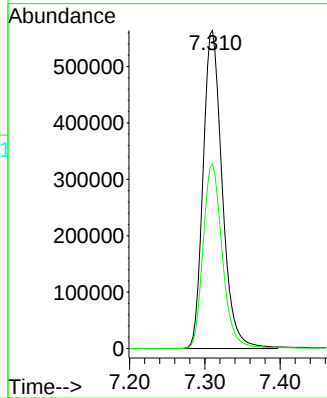
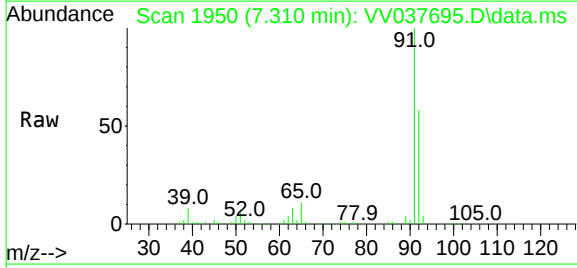
EY052MSD

Tgt Ion: 91 Resp: 993469

Ion Ratio Lower Upper

91 100

92 58.2 41.1 76.3



#44

trans-1,3-Dichloropropene

Concen: 48.290 ug/L

RT: 7.577 min Scan# 2033

Delta R.T. 0.000 min

Lab File: VV037695.D

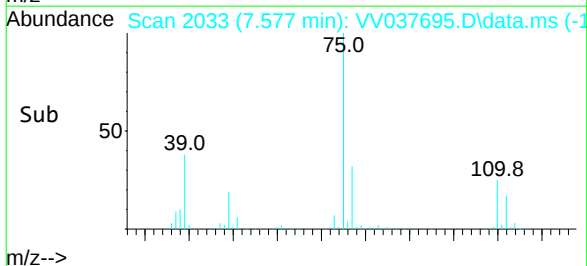
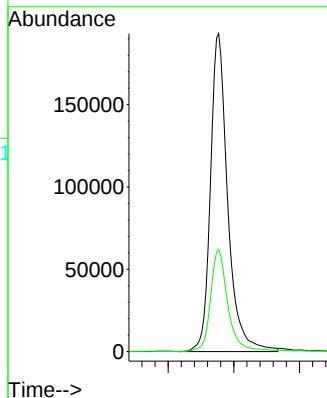
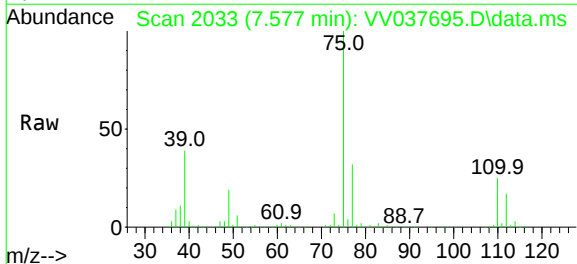
Acq: 01 Oct 2024 12:16

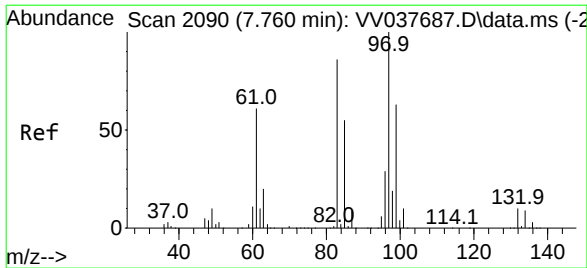
Tgt Ion: 75 Resp: 353010

Ion Ratio Lower Upper

75 100

77 32.2 21.9 40.7

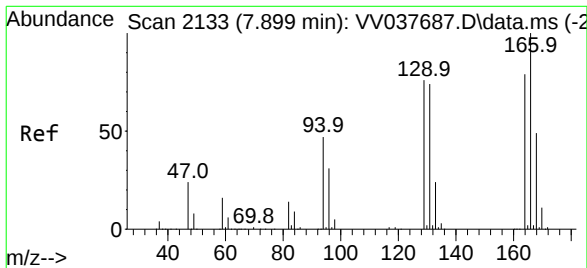
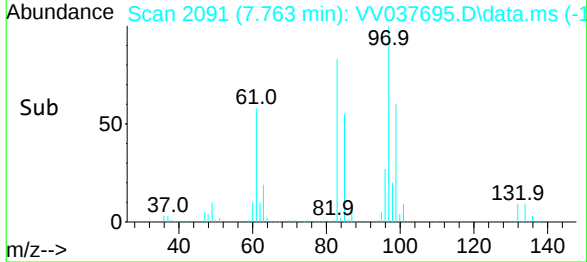
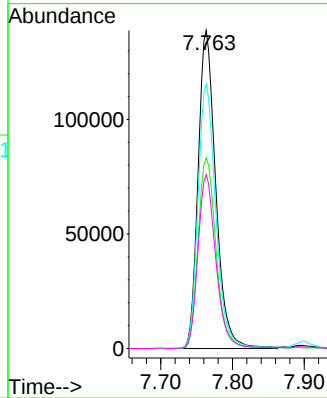
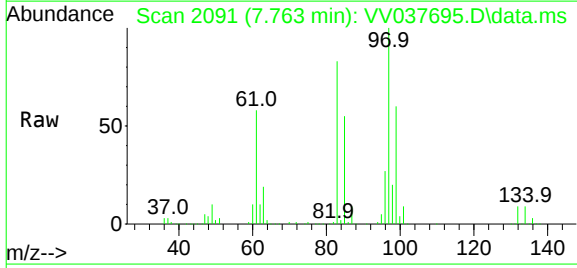




#45
1,1,2-Trichloroethane
Concen: 48.597 ug/L
RT: 7.763 min Scan# 2090
Delta R.T. 0.000 min
Lab File: VV037695.D
Acq: 01 Oct 2024 12:16

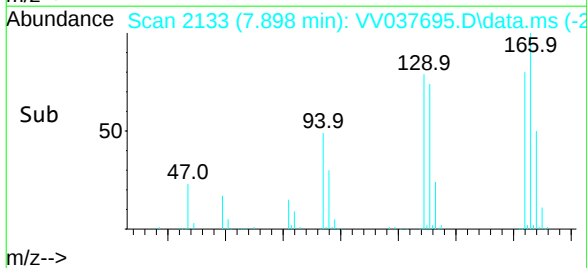
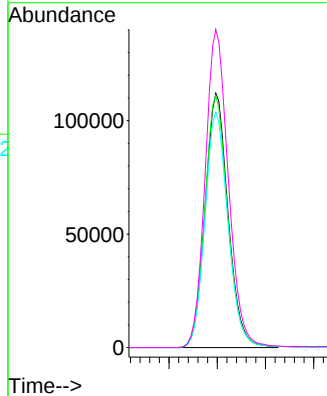
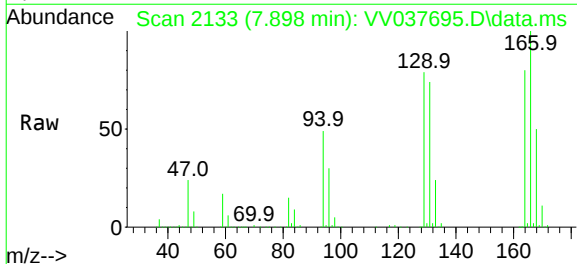
Instrument :
MSVOA_V
ClientSampleId :
EY052MSD

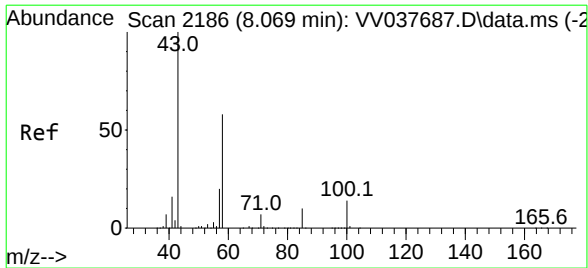
Tgt Ion:	97	Resp:	237357
Ion	Ratio	Lower	Upper
97	100		
99	60.0	44.1	81.9
83	83.1	59.3	110.1
85	54.6	39.0	72.4



#46
Tetrachloroethene
Concen: 46.387 ug/L
RT: 7.898 min Scan# 2133
Delta R.T. 0.000 min
Lab File: VV037695.D
Acq: 01 Oct 2024 12:16

Tgt Ion:	164	Resp:	186052
Ion	Ratio	Lower	Upper
164	100		
129	99.1	68.2	126.6
131	92.5	66.1	122.8
166	125.0	91.1	169.1

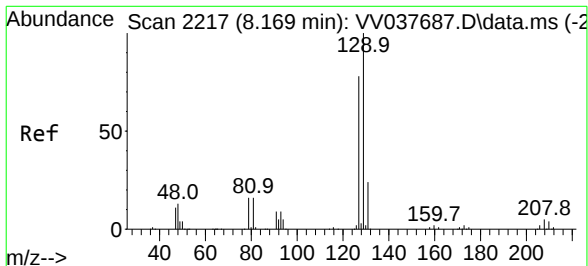
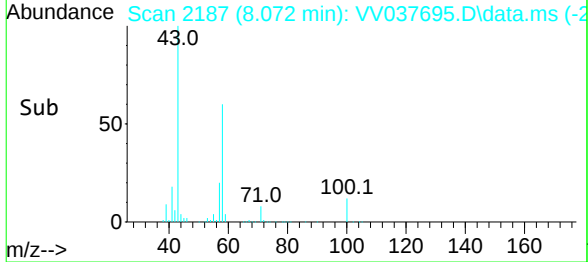
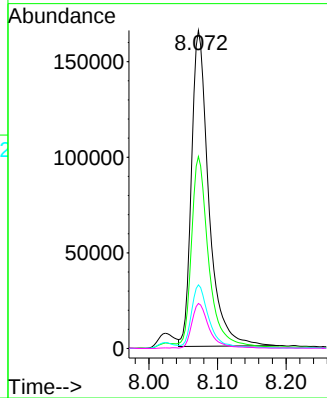
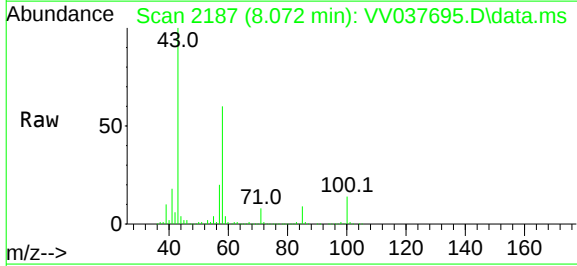




#48
2-Hexanone
Concen: 89.941 ug/L
RT: 8.072 min Scan# 2186
Delta R.T. 0.000 min
Lab File: VV037695.D
Acq: 01 Oct 2024 12:16

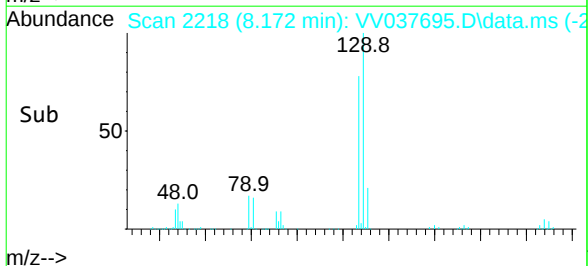
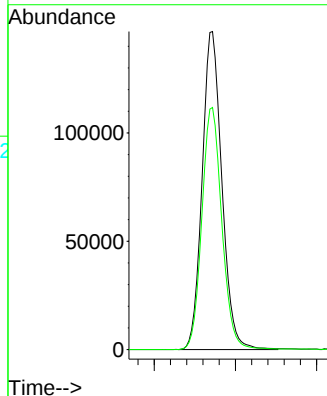
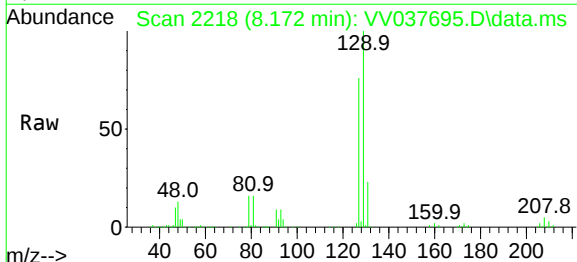
Instrument :
MSVOA_V
ClientSampleId :
EY052MSD

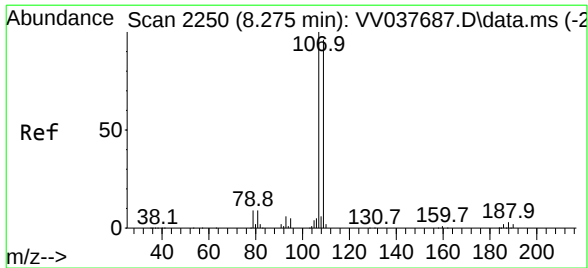
Tgt Ion: 43	Resp: 289649
Ion Ratio	Lower Upper
43 100	
58 60.1	46.5 69.7
57 19.0	15.1 22.7
100 14.1	10.7 16.1



#49
Dibromochloromethane
Concen: 47.996 ug/L
RT: 8.172 min Scan# 2218
Delta R.T. 0.000 min
Lab File: VV037695.D
Acq: 01 Oct 2024 12:16

Tgt	Ion:129	Resp:	248107
Ion	Ratio	Lower	Upper
129	100		
127	76.1	54.9	101.9

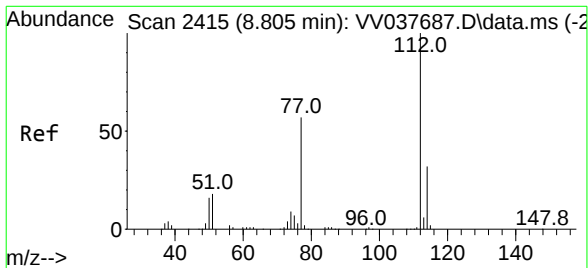
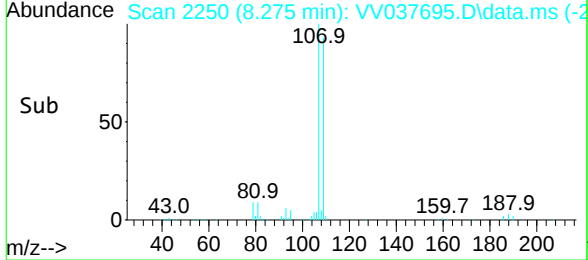
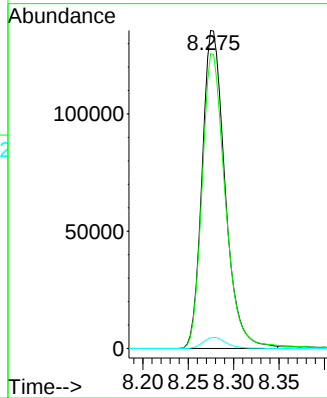
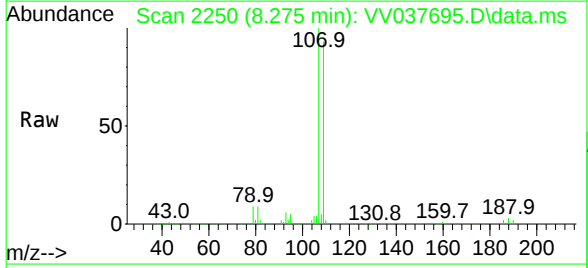




#50
1,2-Dibromoethane
Concen: 47.166 ug/L
RT: 8.275 min Scan# 2250
Delta R.T. -0.003 min
Lab File: VV037695.D
Acq: 01 Oct 2024 12:16

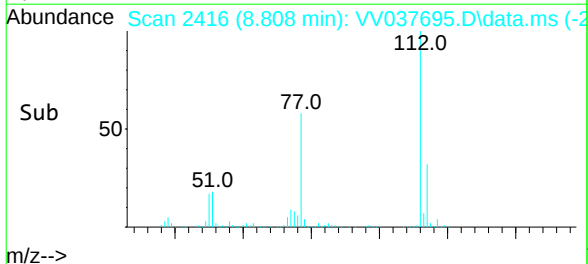
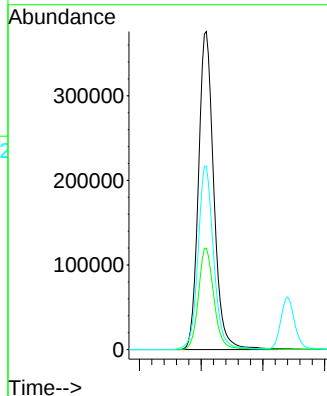
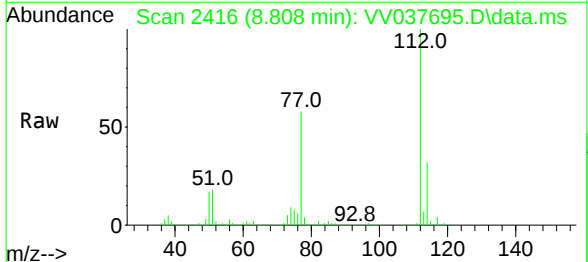
Instrument :
MSVOA_V
ClientSampleId :
EY052MSD

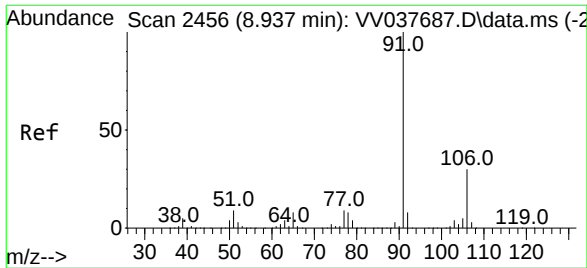
Tgt Ion:	107	Resp:	238131
Ion Ratio	Lower	Upper	
107	100		
109	92.7	65.7	121.9
188	3.3	2.8	4.2



#51
Chlorobenzene
Concen: 46.628 ug/L
RT: 8.808 min Scan# 2416
Delta R.T. 0.000 min
Lab File: VV037695.D
Acq: 01 Oct 2024 12:16

Tgt Ion:	112	Resp:	648728
Ion Ratio	Lower	Upper	
112	100		
114	31.9	22.5	41.7
77	57.6	45.8	68.8

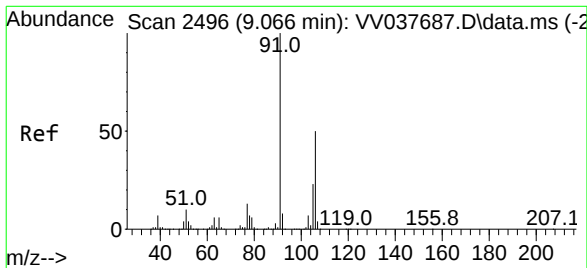
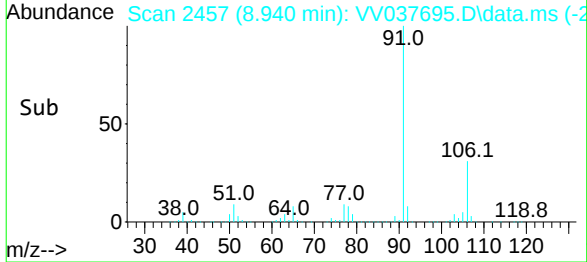
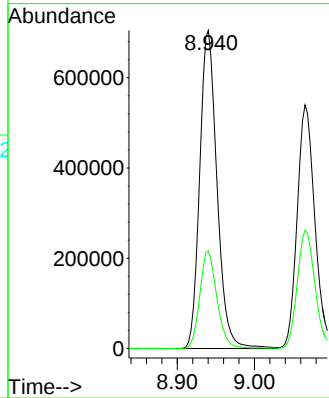
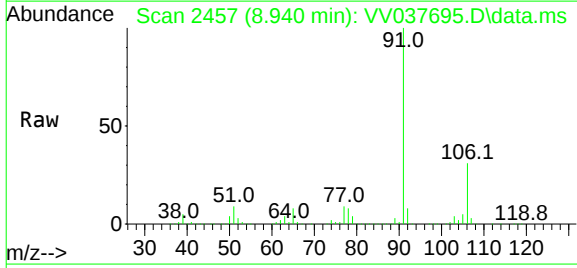




#52
Ethylbenzene
Concen: 47.716 ug/L
RT: 8.940 min Scan# 2456
Delta R.T. 0.000 min
Lab File: VV037695.D
Acq: 01 Oct 2024 12:16

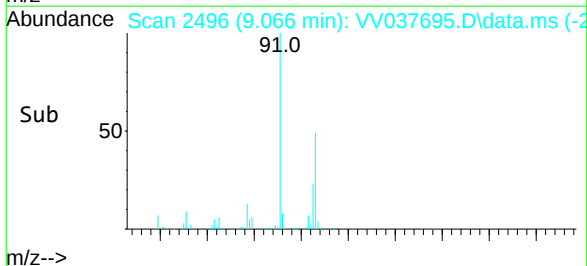
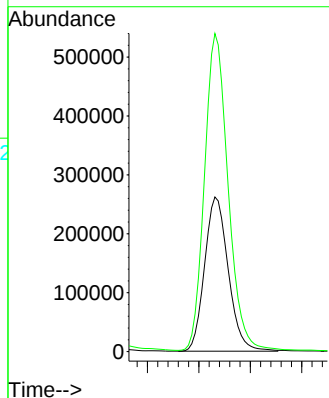
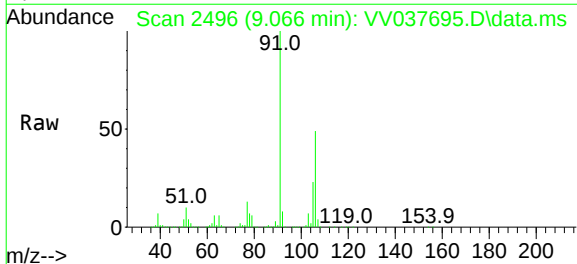
Instrument :
MSVOA_V
ClientSampleId :
EY052MSD

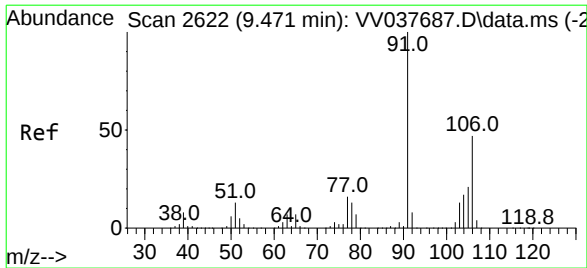
Tgt Ion: 91 Resp: 1096846
Ion Ratio Lower Upper
91 100
106 30.7 21.9 40.7



#53
m,p-Xylene
Concen: 48.900 ug/L
RT: 9.066 min Scan# 2496
Delta R.T. 0.000 min
Lab File: VV037695.D
Acq: 01 Oct 2024 12:16

Tgt Ion: 106 Resp: 418344
Ion Ratio Lower Upper
106 100
91 205.7 142.0 263.6

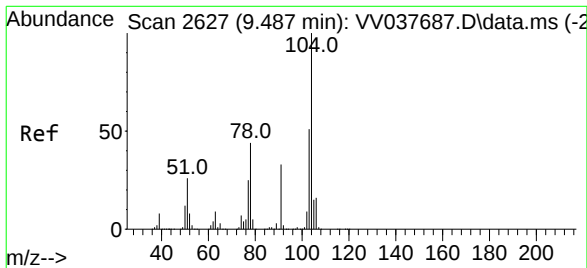
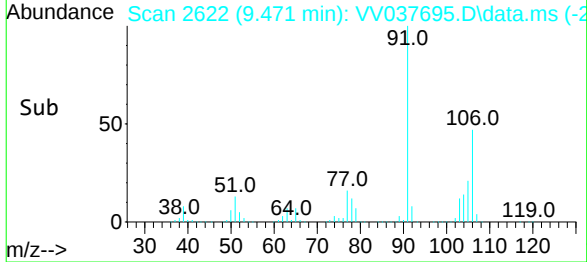
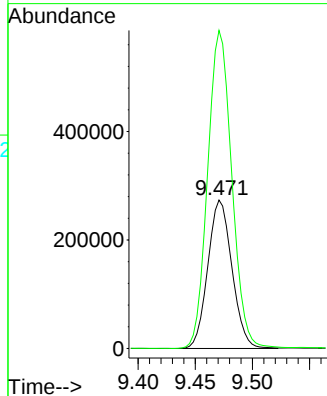
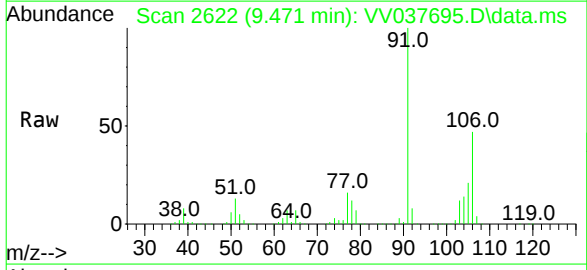




#54
o-Xylene
Concen: 48.166 ug/L
RT: 9.471 min Scan# 2622
Delta R.T. 0.000 min
Lab File: VV037695.D
Acq: 01 Oct 2024 12:16

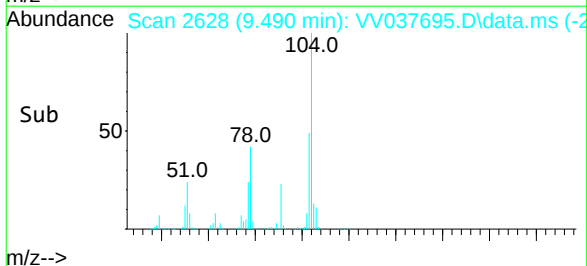
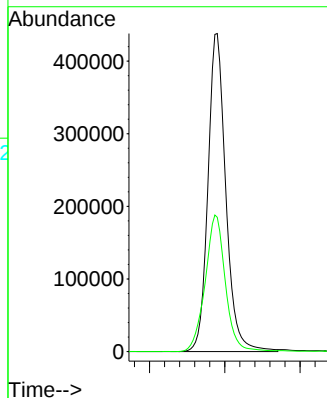
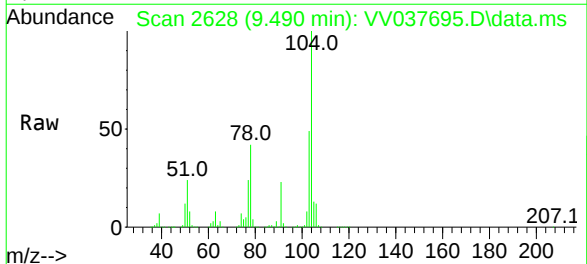
Instrument :
MSVOA_V
ClientSampleId :
EY052MSD

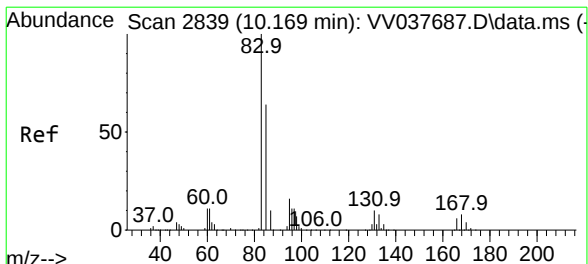
Tgt Ion:106 Resp: 402291
Ion Ratio Lower Upper
106 100
91 214.3 153.9 285.9



#55
Styrene
Concen: 49.663 ug/L
RT: 9.490 min Scan# 2628
Delta R.T. 0.000 min
Lab File: VV037695.D
Acq: 01 Oct 2024 12:16

Tgt Ion:104 Resp: 722098
Ion Ratio Lower Upper
104 100
78 42.2 30.0 55.6

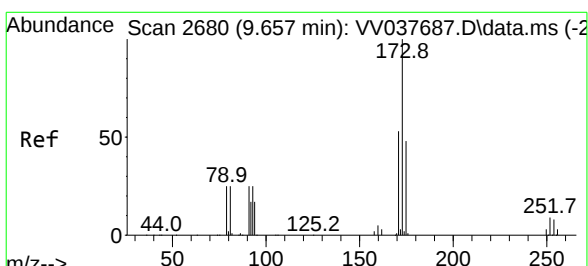
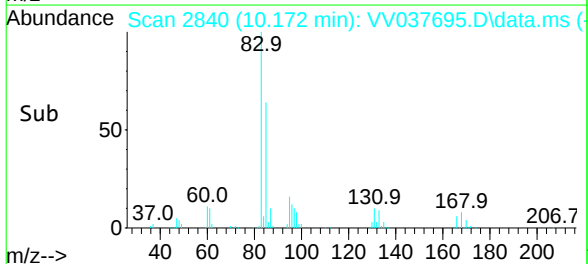
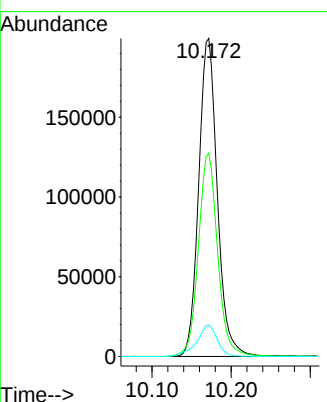
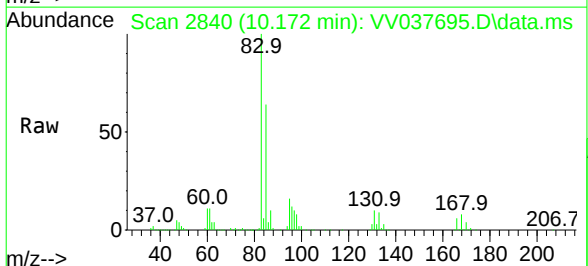




#57
 1,1,2,2-Tetrachloroethane
 Concen: 47.846 ug/L
 RT: 10.172 min Scan# 2839
 Delta R.T. 0.000 min
 Lab File: VV037695.D
 Acq: 01 Oct 2024 12:16

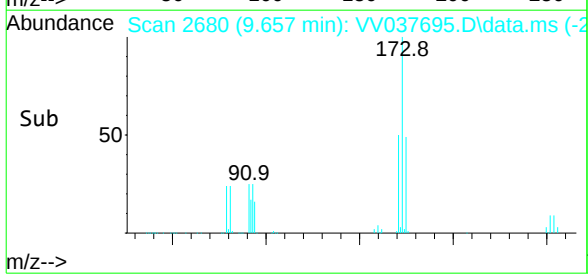
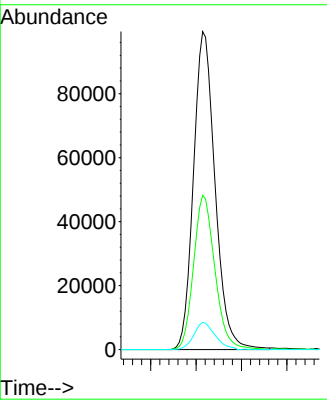
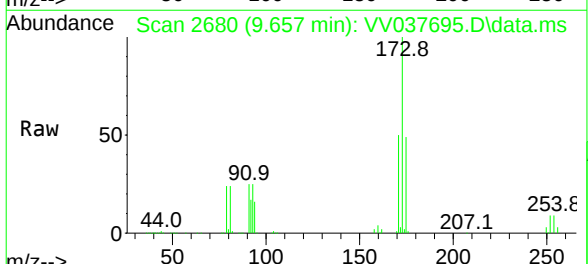
Instrument :
 MSVOA_V
 ClientSampleId :
 EY052MSD

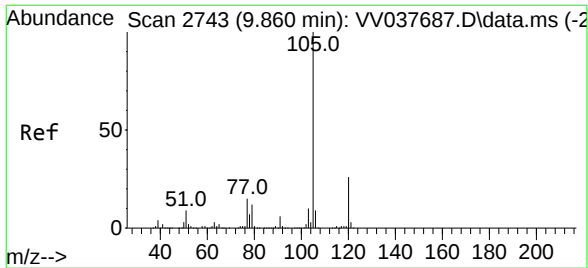
Tgt Ion:	83	Resp:	325811
Ion Ratio	Lower	Upper	
83	100		
85	64.0	45.9	85.3
131	9.9	7.9	11.9



#59
 Bromoform
 Concen: 47.300 ug/L
 RT: 9.657 min Scan# 2680
 Delta R.T. 0.000 min
 Lab File: VV037695.D
 Acq: 01 Oct 2024 12:16

Tgt Ion:	173	Resp:	164229
Ion Ratio	Lower	Upper	
173	100		
175	47.9	40.0	60.0
254	8.4	6.5	9.7

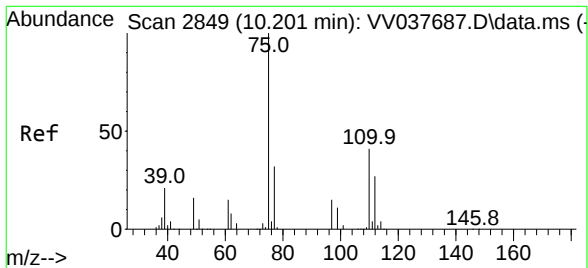
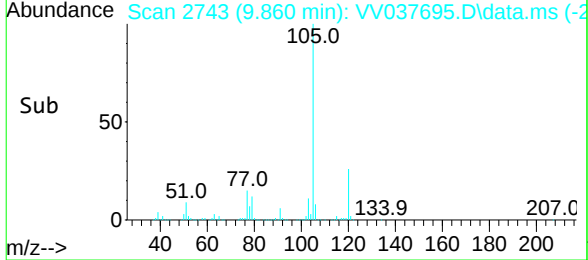
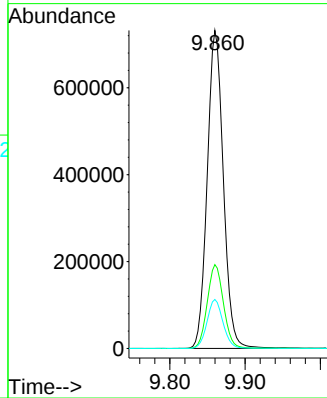
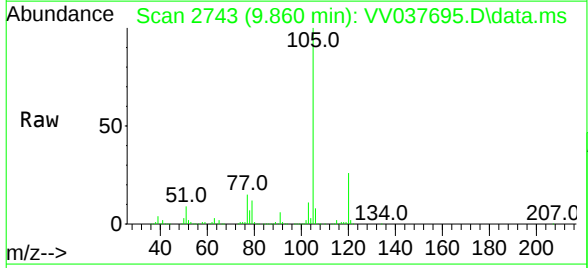




#60
Isopropylbenzene
Concen: 47.071 ug/L
RT: 9.860 min Scan# 2743
Delta R.T. 0.000 min
Lab File: VV037695.D
Acq: 01 Oct 2024 12:16

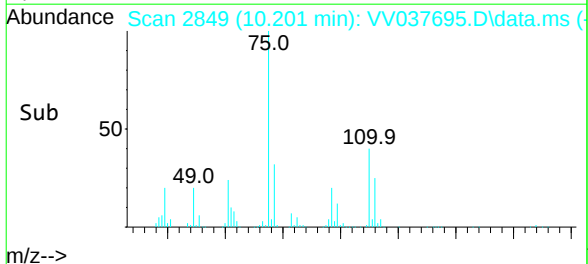
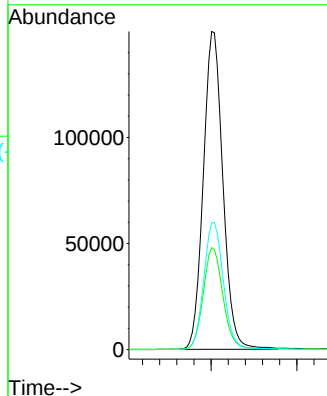
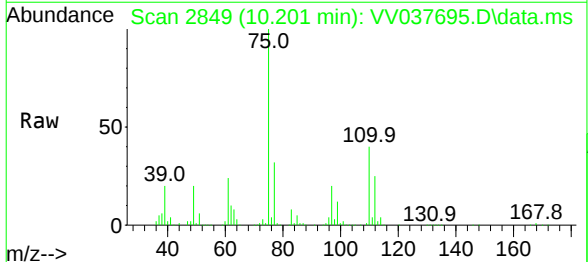
Instrument :
MSVOA_V
ClientSampleId :
EY052MSD

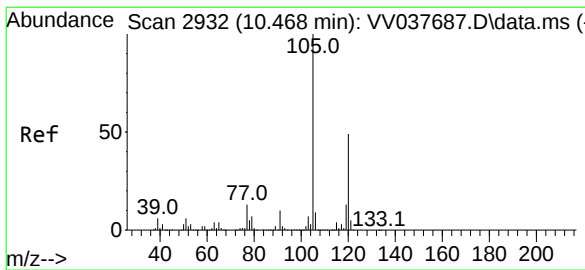
Tgt Ion:105 Resp: 1087148
Ion Ratio Lower Upper
105 100
120 26.6 20.7 31.1
77 15.2 12.2 18.2



#61
1,2,3-Trichloropropane
Concen: 47.030 ug/L
RT: 10.201 min Scan# 2849
Delta R.T. -0.003 min
Lab File: VV037695.D
Acq: 01 Oct 2024 12:16

Tgt Ion: 75 Resp: 237737
Ion Ratio Lower Upper
75 100
77 32.1 25.4 38.0
110 40.3 31.7 47.5

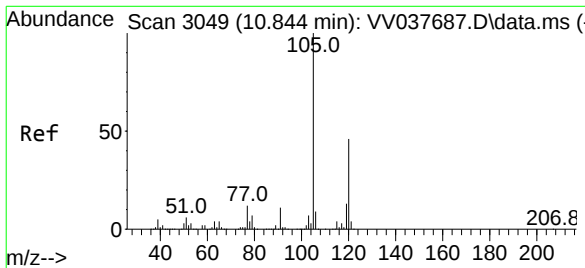
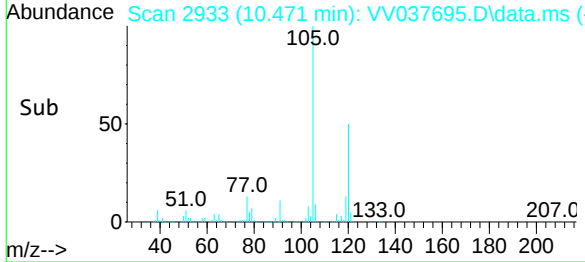
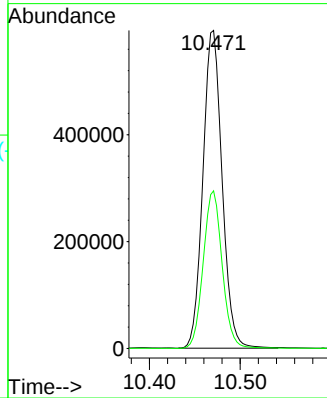
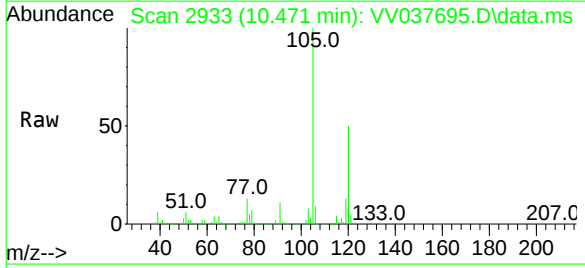




#62
1,3,5-Trimethylbenzene
Concen: 47.831 ug/L
RT: 10.471 min Scan# 2932
Delta R.T. 0.000 min
Lab File: VV037695.D
Acq: 01 Oct 2024 12:16

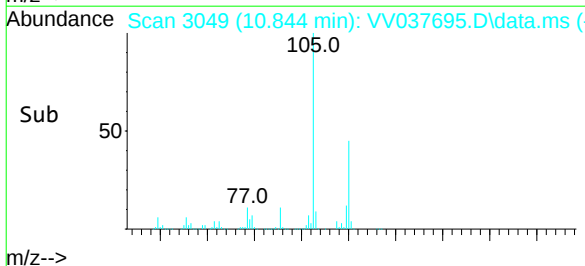
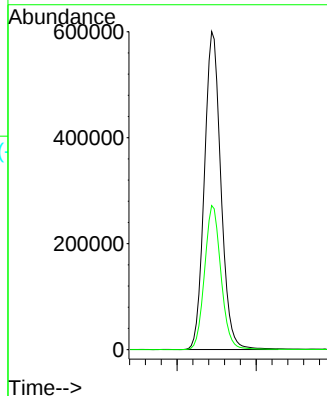
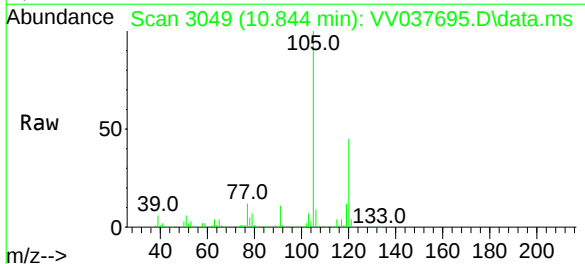
Instrument :
MSVOA_V
ClientSampleId :
EY052MSD

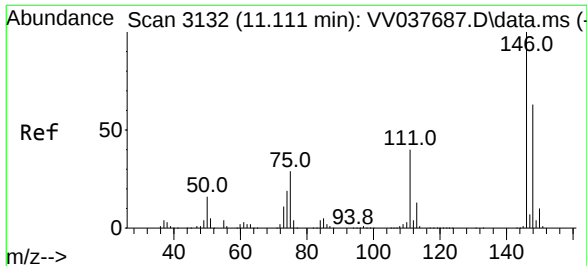
Tgt Ion:105 Resp: 873395
Ion Ratio Lower Upper
105 100
120 48.9 39.3 58.9



#63
1,2,4-Trimethylbenzene
Concen: 47.917 ug/L
RT: 10.844 min Scan# 3049
Delta R.T. 0.000 min
Lab File: VV037695.D
Acq: 01 Oct 2024 12:16

Tgt Ion:105 Resp: 870550
Ion Ratio Lower Upper
105 100
120 45.0 36.2 54.2





#64

1,3-Dichlorobenzene

Concen: 46.277 ug/L

RT: 11.111 min Scan# 3132

Delta R.T. 0.000 min

Lab File: VV037695.D

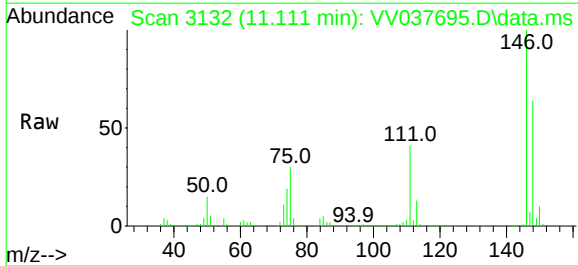
Acq: 01 Oct 2024 12:16

Instrument :

MSVOA_V

ClientSampleId :

EY052MSD



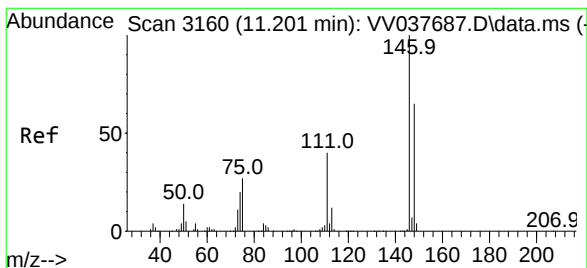
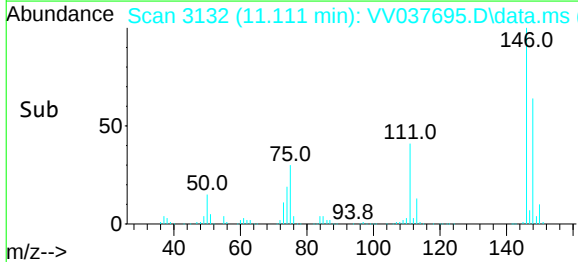
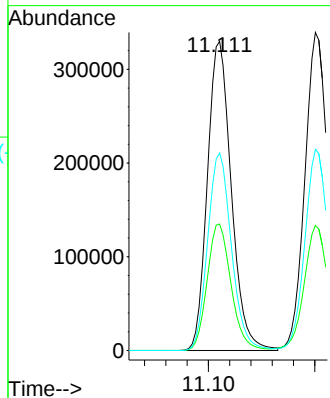
Tgt Ion:146 Resp: 514452

Ion Ratio Lower Upper

146 100

111 40.9 28.3 52.5

148 63.9 44.3 82.3



#65

1,4-Dichlorobenzene

Concen: 46.195 ug/L

RT: 11.201 min Scan# 3160

Delta R.T. 0.000 min

Lab File: VV037695.D

Acq: 01 Oct 2024 12:16

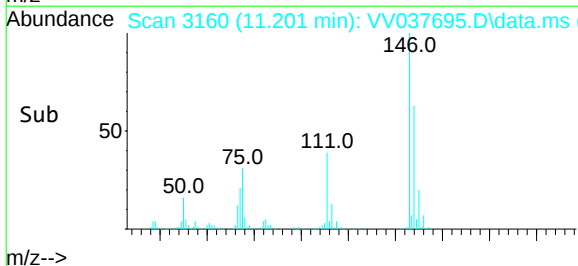
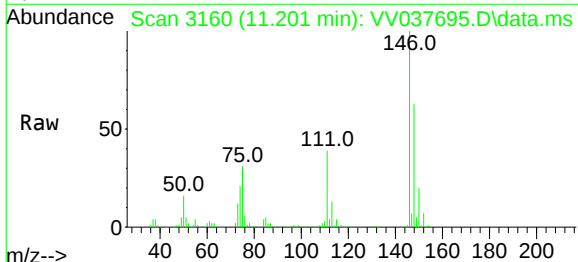
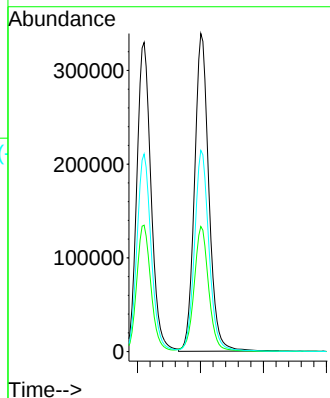
Tgt Ion:146 Resp: 534744

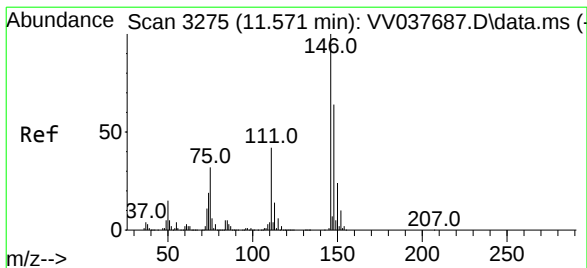
Ion Ratio Lower Upper

146 100

111 39.3 27.6 51.4

148 63.3 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 46.501 ug/L

RT: 11.570 min Scan# 32

Delta R.T. 0.000 min

Lab File: VV037695.D

Acq: 01 Oct 2024 12:16

Instrument :

MSVOA_V

ClientSampleId :

EY052MSD

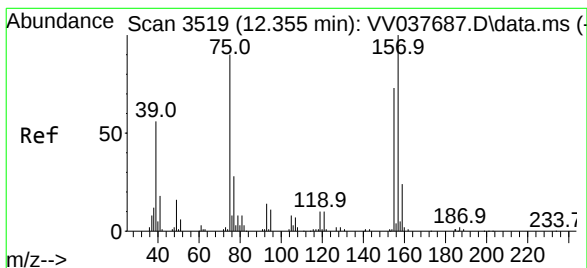
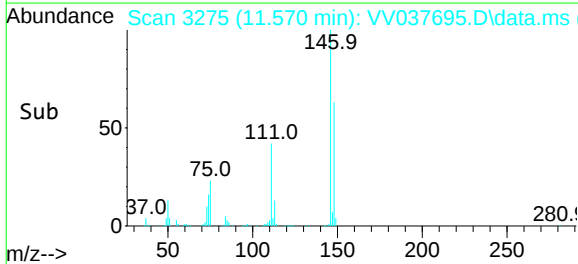
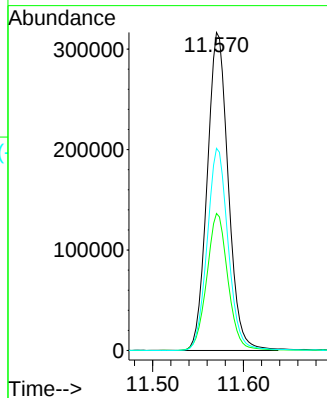
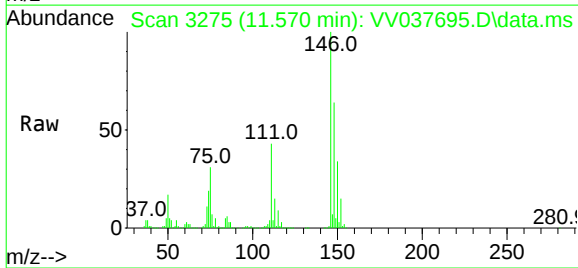
Tgt Ion:146 Resp: 511028

Ion Ratio Lower Upper

146 100

111 43.1 34.2 51.2

148 63.6 50.9 76.3



#68

1,2-Dibromo-3-chloropropane

Concen: 45.075 ug/L

RT: 12.358 min Scan# 3520

Delta R.T. 0.000 min

Lab File: VV037695.D

Acq: 01 Oct 2024 12:16

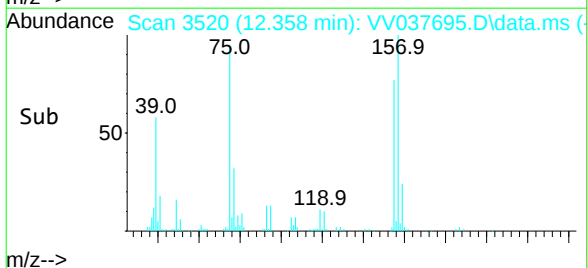
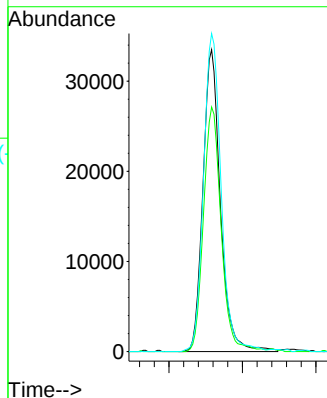
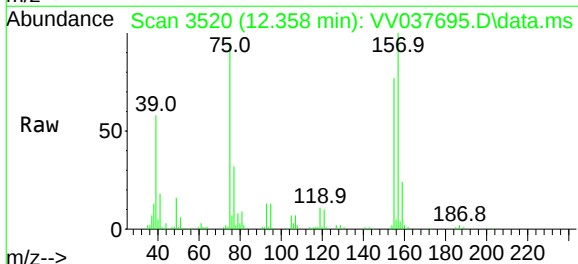
Tgt Ion: 75 Resp: 55311

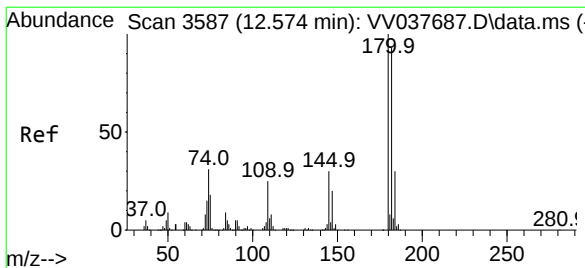
Ion Ratio Lower Upper

75 100

155 81.0 66.2 99.4

157 105.3 87.3 130.9





#69

1,3,5-Trichlorobenzene

Concen: 43.894 ug/L

RT: 12.573 min Scan# 3587

Delta R.T. 0.000 min

Lab File: VV037695.D

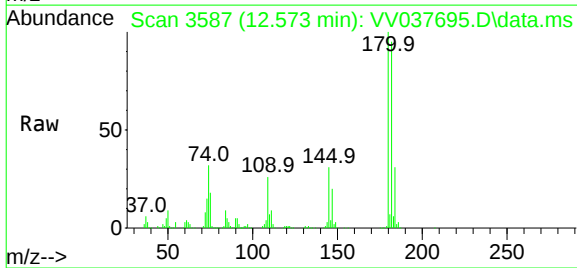
Acq: 01 Oct 2024 12:16

Instrument :

MSVOA_V

ClientSampleId :

EY052MSD



Tgt Ion:180 Resp: 335563

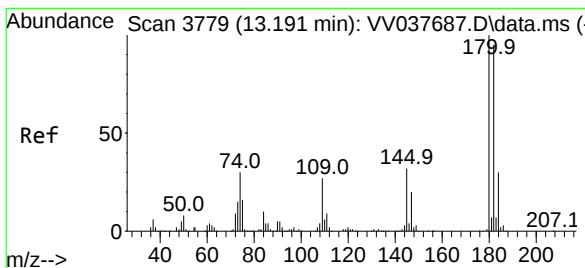
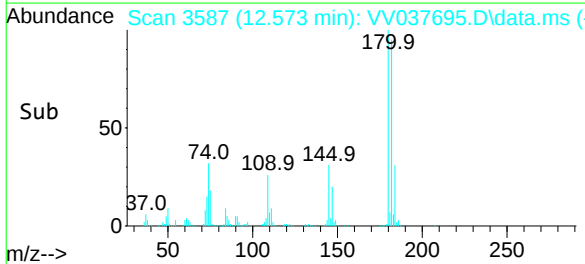
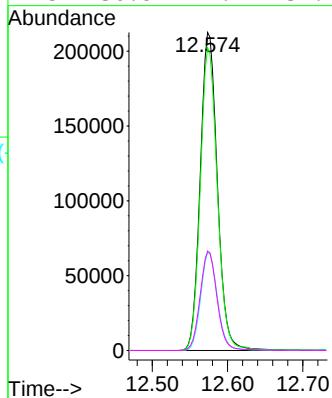
Ion Ratio Lower Upper

180 100

182 93.9 75.6 113.4

184 30.2 23.8 35.6

145 30.8 24.7 37.1



#70

1,2,4-trichlorobenzene

Concen: 42.936 ug/L

RT: 13.191 min Scan# 3779

Delta R.T. 0.000 min

Lab File: VV037695.D

Acq: 01 Oct 2024 12:16

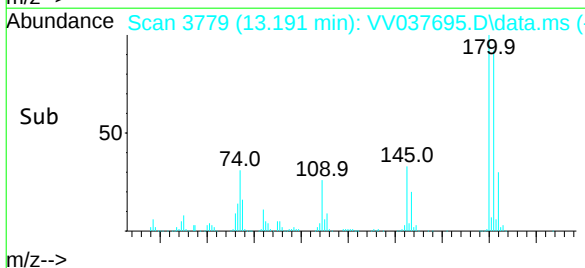
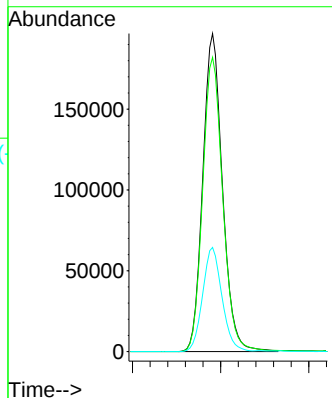
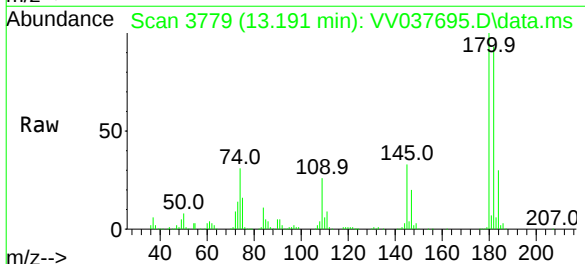
Tgt Ion:180 Resp: 304542

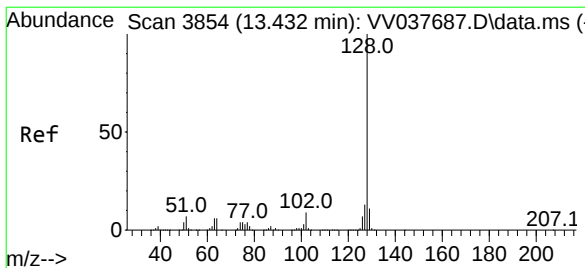
Ion Ratio Lower Upper

180 100

182 94.6 75.9 113.9

145 32.3 25.4 38.2





#71

Naphthalene

Concen: 42.149 ug/L

RT: 13.432 min Scan# 3854

Delta R.T. 0.000 min

Lab File: VV037695.D

Acq: 01 Oct 2024 12:16

Instrument :

MSVOA_V

ClientSampleId :

EY052MSD

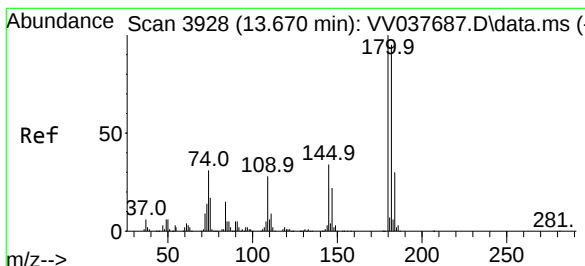
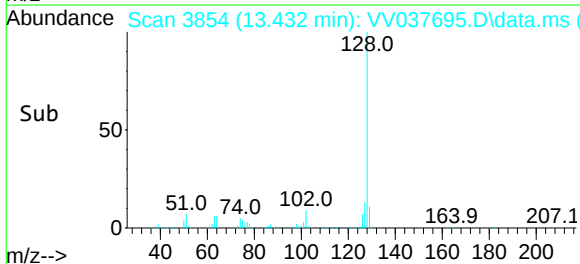
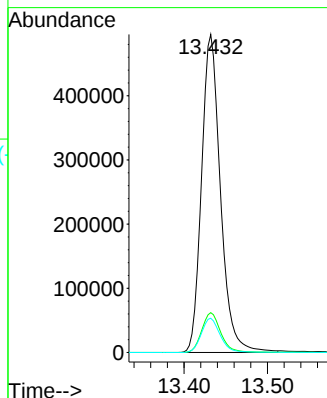
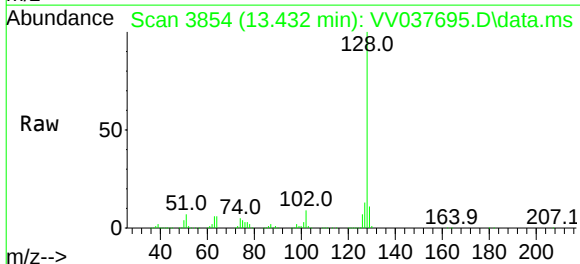
Tgt Ion:128 Resp: 781072

Ion Ratio Lower Upper

128 100

127 12.6 10.2 15.4

129 10.7 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 43.135 ug/L

RT: 13.673 min Scan# 3929

Delta R.T. 0.000 min

Lab File: VV037695.D

Acq: 01 Oct 2024 12:16

Tgt Ion:180 Resp: 302131

Ion Ratio Lower Upper

180 100

182 94.8 75.8 113.8

145 33.3 26.2 39.4

