

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032124\
 Data File : VW034794.D
 Acq On : 21 Mar 2024 17:34
 Operator : SY/MD
 Sample : P1743-04MSD
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E0737MSD

Quant Time: Mar 22 02:05:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 22 01:59:49 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	340231	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	326519	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	172305	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	159947	54.229	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	= 108.460%	
7) Chloroethane-d5	1.529	69	131503	57.229	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	= 114.460%	
11) 1,1-Dichloroethene-d2	2.060	65	59088	44.298	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 88.600%	
21) 2-Butanone-d5	3.786	46	210377	106.660	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	= 106.660%	
24) Chloroform-d	4.246	84	291662	55.928	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 111.860%	
26) 1,2-Dichloroethane-d4	4.937	65	189523	55.614	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 111.220%	
32) Benzene-d6	4.957	84	553458	56.163	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 112.320%	
36) 1,2-Dichloropropane-d6	5.985	67	166428	55.340	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	= 110.680%	
41) Toluene-d8	7.239	98	503571	56.468	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 112.940%	
43) trans-1,3-Dichloroprop...	7.551	79	87435	57.896	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 115.800%	
47) 2-Hexanone-d5	8.021	63	139491	92.885	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	= 92.890%	
56) 1,1,2,2-Tetrachloroeth...	10.149	84	226951	57.345	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	= 114.680%	
66) 1,2-Dichlorobenzene-d4	11.558	152	195745	55.578	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 111.160%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	156094	43.739	ug/L	100
3) Chloromethane	1.217	50	145848	41.591	ug/L	99
5) Vinyl chloride	1.285	62	152567	44.820	ug/L	98
6) Bromomethane	1.487	94	99044	48.495	ug/L	100
8) Chloroethane	1.545	64	100191	49.520	ug/L	98
9) Trichlorofluoromethane	1.712	101	245503	48.161	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	122046	44.422	ug/L	99
12) 1,1-Dichloroethene	2.069	96	108622	42.636	ug/L	96
13) Acetone	2.121	43	130960	55.230	ug/L	97
14) Carbon disulfide	2.240	76	299559	42.368	ug/L	99
15) Methyl Acetate	2.371	43	170554	56.224	ug/L	96
16) Methylene chloride	2.445	84	151369	56.013	ug/L	96
17) trans-1,2-Dichloroethene	2.693	96	128705	52.195	ug/L	98
18) Methyl tert-butyl Ether	2.703	73	523350	59.101	ug/L	99
19) 1,1-Dichloroethane	3.111	63	277089	57.363	ug/L	99
20) cis-1,2-Dichloroethene	3.812	96	153929	57.534	ug/L	95
22) 2-Butanone	3.867	43	226817	96.870	ug/L	98
23) Bromochloromethane	4.146	128	79271	57.299	ug/L	98
25) Chloroform	4.275	83	288833	57.690	ug/L	100

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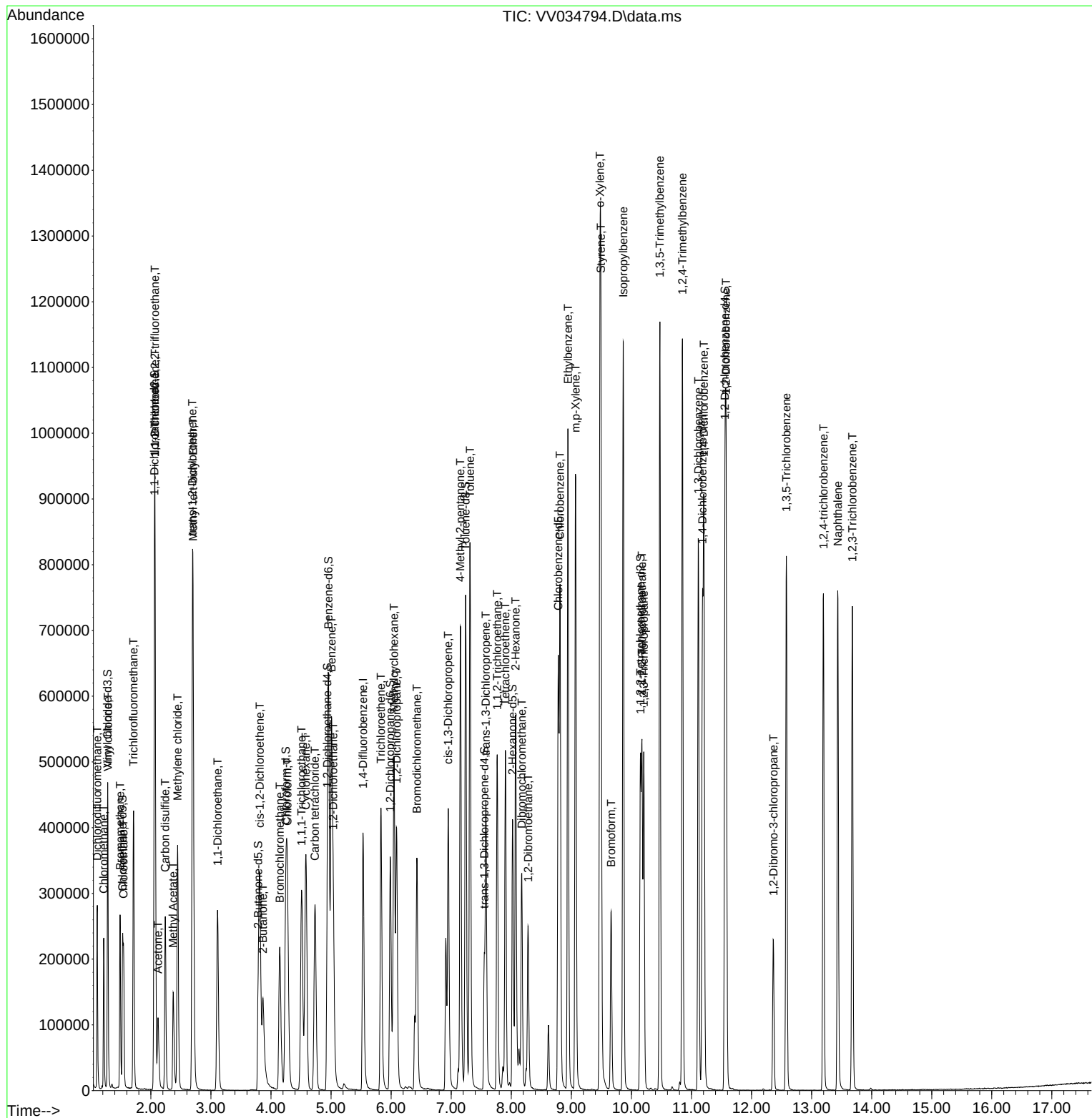
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	229632	56.452	ug/L	100
29) Cyclohexane	4.580	56	206034	47.973	ug/L	98
30) 1,1,1-Trichloroethane	4.510	97	255305	54.527	ug/L	99
31) Carbon tetrachloride	4.731	117	216246	52.165	ug/L	100
33) Benzene	5.008	78	555126	54.773	ug/L	100
34) Trichloroethene	5.831	95	152397	52.898	ug/L	98
35) Methylcyclohexane	6.047	83	215229	49.141	ug/L	99
37) 1,2-Dichloropropane	6.092	63	151565	57.119	ug/L	99
38) Bromodichloromethane	6.429	83	217010	58.142	ug/L	100
39) cis-1,3-Dichloropropene	6.950	75	247239	57.509	ug/L	98
40) 4-Methyl-2-pentanone	7.153	43	460060	117.581	ug/L	98
42) Toluene	7.313	91	599034	55.846	ug/L	100
44) trans-1,3-Dichloropropene	7.577	75	245967	59.487	ug/L	99
45) 1,1,2-Trichloroethane	7.767	97	152862	59.706	ug/L	99
46) Tetrachloroethene	7.902	164	112062	52.303	ug/L	97
48) 2-Hexanone	8.072	43	363678	116.645	ug/L	97
49) Dibromochloromethane	8.175	129	163905	60.666	ug/L	97
50) 1,2-Dibromoethane	8.281	107	159683	58.776	ug/L	98
51) Chlorobenzene	8.812	112	396915	57.238	ug/L	98
52) Ethylbenzene	8.944	91	685749	57.055	ug/L	100
53) m,p-Xylene	9.072	106	259290	56.851	ug/L	98
54) o-Xylene	9.477	106	257940	57.755	ug/L	97
55) Styrene	9.493	104	449093	59.390	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.175	83	237583	61.784	ug/L	98
59) Bromoform	9.664	173	118243	61.896	ug/L	100
60) Isopropylbenzene	9.866	105	711994	58.426	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	195745	59.513	ug/L	98
62) 1,3,5-Trimethylbenzene	10.474	105	597420	58.116	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	600622	59.076	ug/L	100
64) 1,3-Dichlorobenzene	11.114	146	327935	58.202	ug/L	98
65) 1,4-Dichlorobenzene	11.207	146	336432	58.798	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	329326	58.330	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.365	75	57406	58.591	ug/L	95
69) 1,3,5-Trichlorobenzene	12.580	180	244725	57.897	ug/L	100
70) 1,2,4-trichlorobenzene	13.197	180	219230	57.641	ug/L	98
71) Naphthalene	13.435	128	583080	57.312	ug/L	100
72) 1,2,3-Trichlorobenzene	13.680	180	215464	58.071	ug/L	99

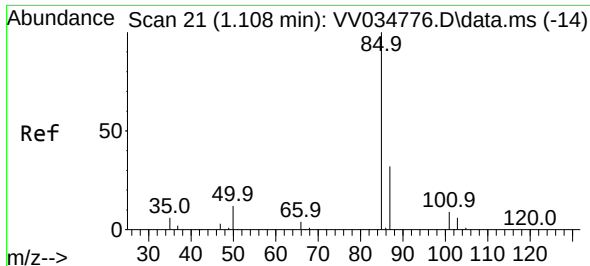
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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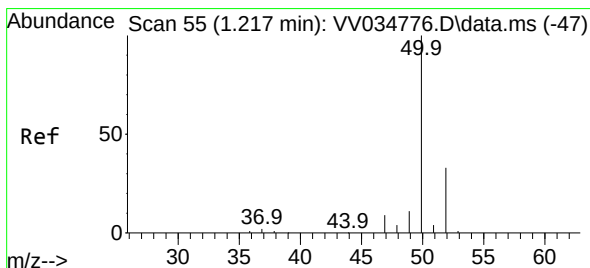
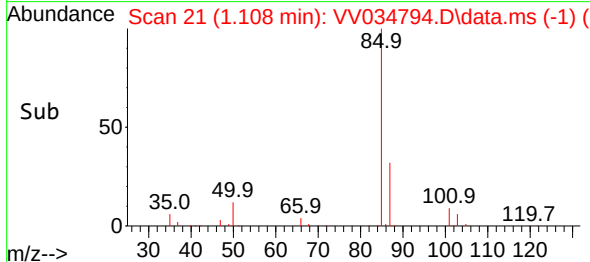
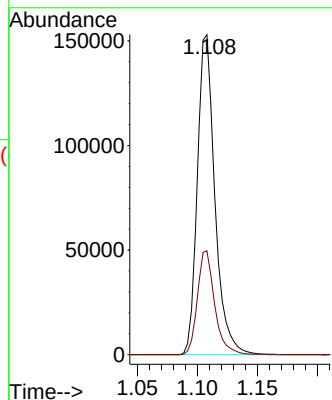
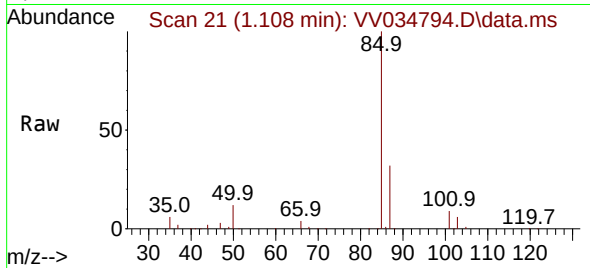




#2
 Dichlorodifluoromethane
 Concen: 43.739 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV034794.D
 Acq: 21 Mar 2024 17:34

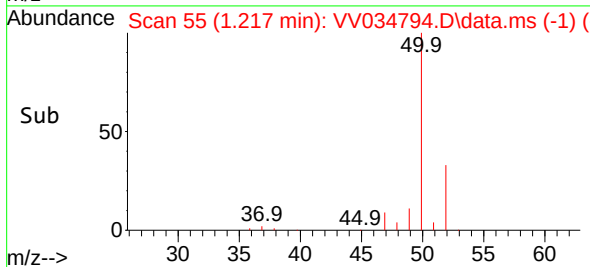
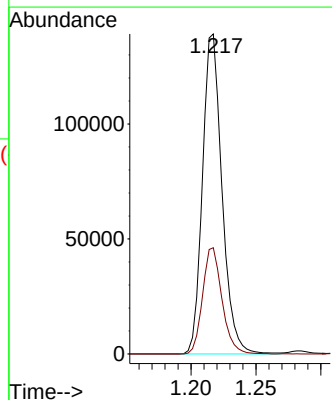
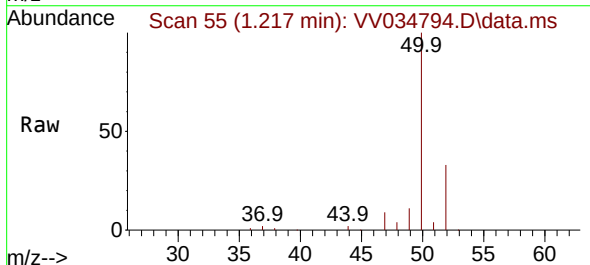
Instrument :
 MSVOA_V
 ClientSampleId :
 E0737MSD

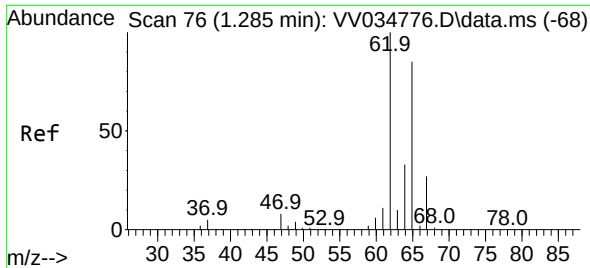
Tgt Ion: 85 Resp: 156094
 Ion Ratio Lower Upper
 85 100
 87 31.9 25.5 38.3



#3
 Chloromethane
 Concen: 41.591 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VV034794.D
 Acq: 21 Mar 2024 17:34

Tgt Ion: 50 Resp: 145848
 Ion Ratio Lower Upper
 50 100
 52 33.2 23.0 42.8

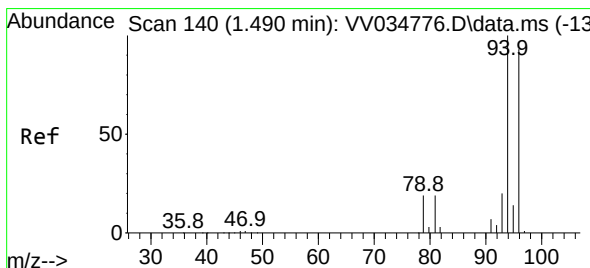
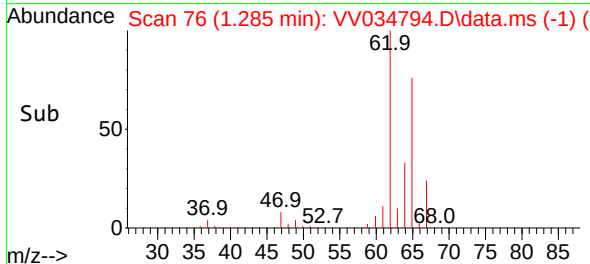
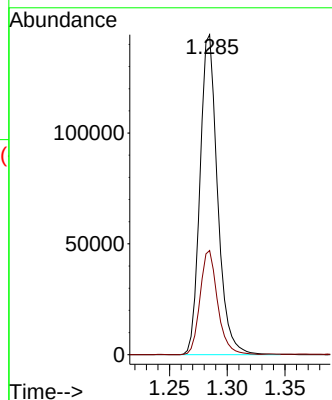
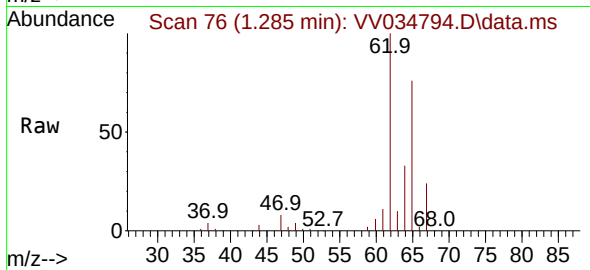




#5
 Vinyl chloride
 Concen: 44.820 ug/L
 RT: 1.285 min Scan# 70
 Delta R.T. 0.000 min
 Lab File: VV034794.D
 Acq: 21 Mar 2024 17:34

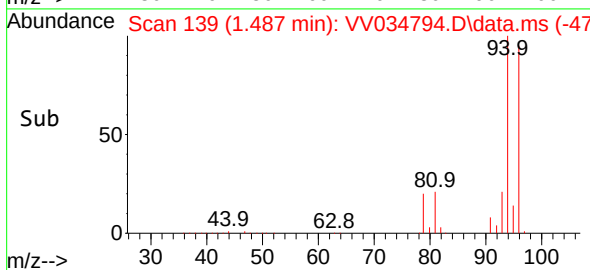
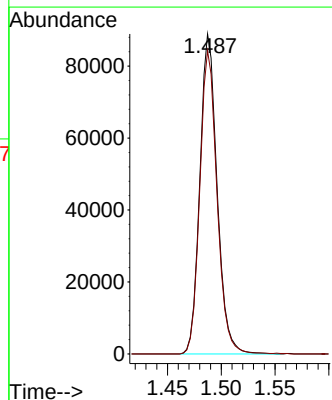
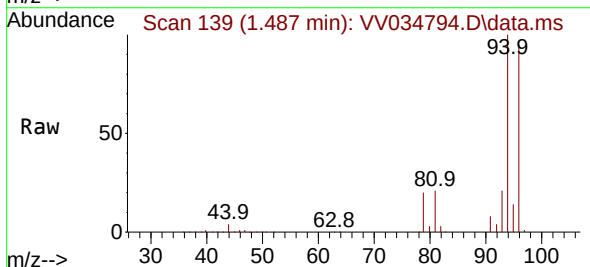
Instrument :
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 ClientSampleId :
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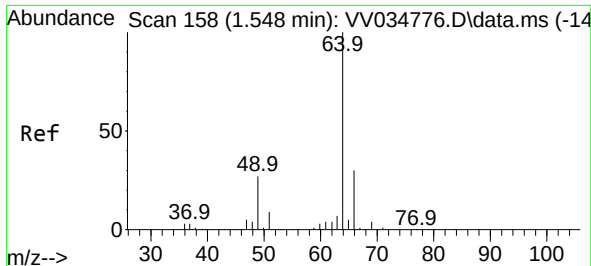
Tgt Ion: 62 Resp: 152567
 Ion Ratio Lower Upper
 62 100
 64 32.6 23.4 43.6



#6
 Bromomethane
 Concen: 48.495 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. -0.003 min
 Lab File: VV034794.D
 Acq: 21 Mar 2024 17:34

Tgt Ion: 94 Resp: 99044
 Ion Ratio Lower Upper
 94 100
 96 94.8 66.0 122.6

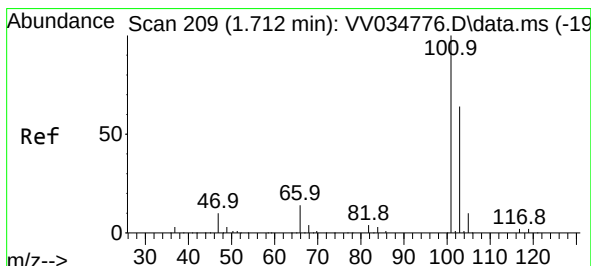
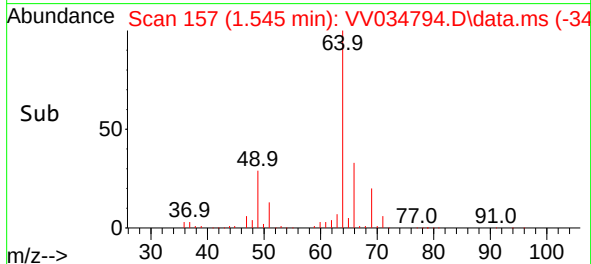
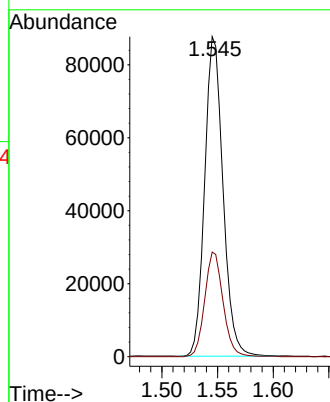
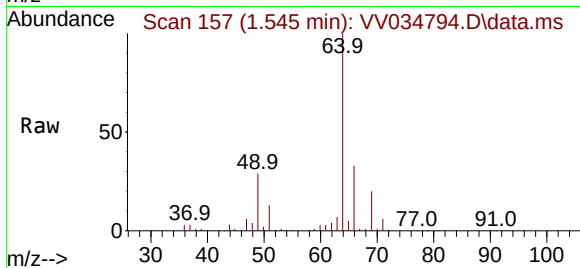




#8
Chloroethane
Concen: 49.520 ug/L
RT: 1.545 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV034794.D
Acq: 21 Mar 2024 17:34

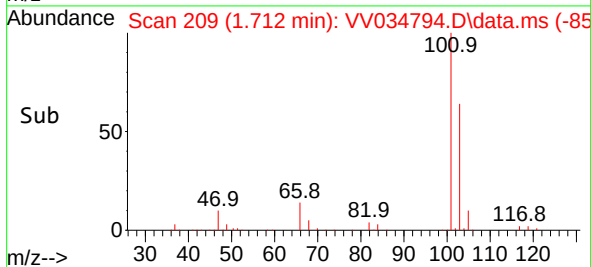
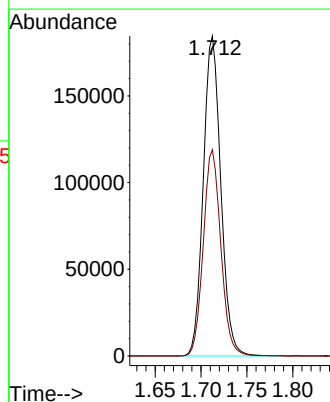
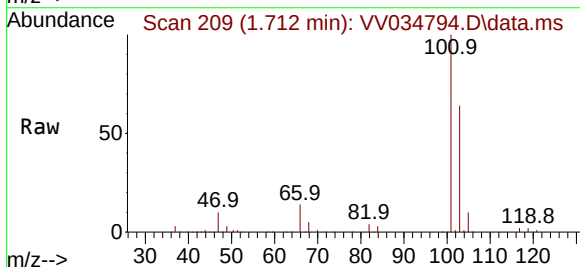
Instrument :
MSVOA_V
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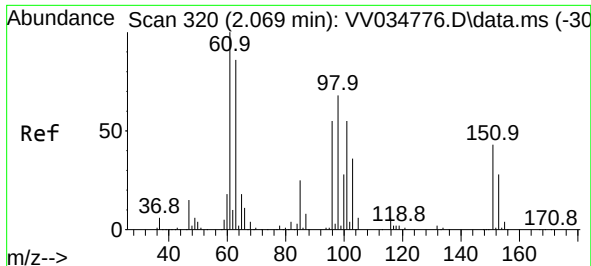
Tgt Ion: 64 Resp: 100191
Ion Ratio Lower Upper
64 100
66 32.7 22.0 40.8



#9
Trichlorofluoromethane
Concen: 48.161 ug/L
RT: 1.712 min Scan# 209
Delta R.T. 0.000 min
Lab File: VV034794.D
Acq: 21 Mar 2024 17:34

Tgt Ion:101 Resp: 245503
Ion Ratio Lower Upper
101 100
103 64.4 51.8 77.8

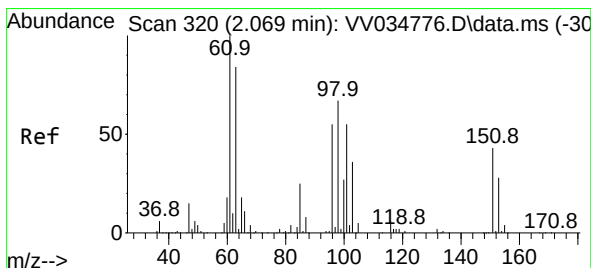
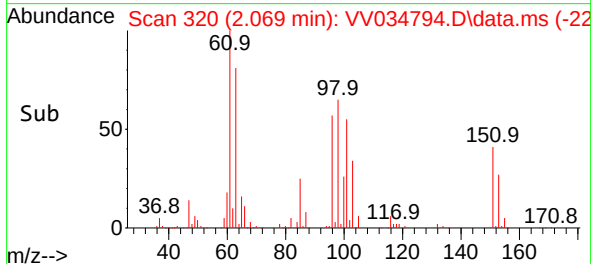
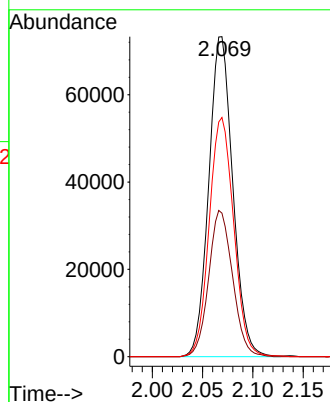
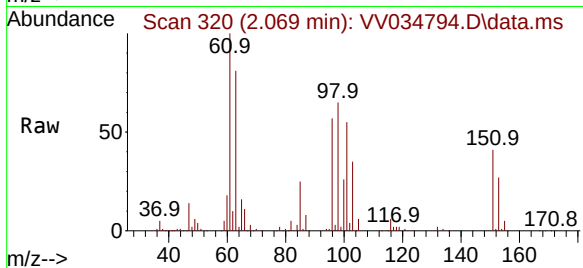




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 44.422 ug/L
 RT: 2.069 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VV034794.D
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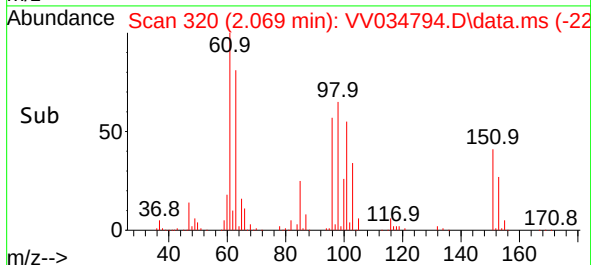
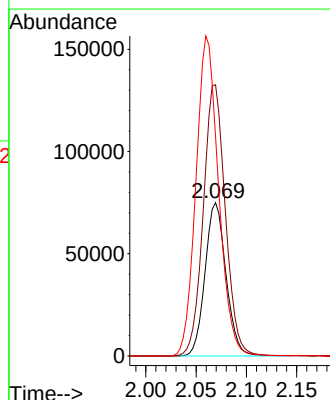
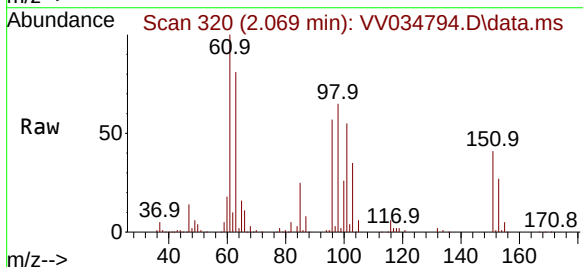
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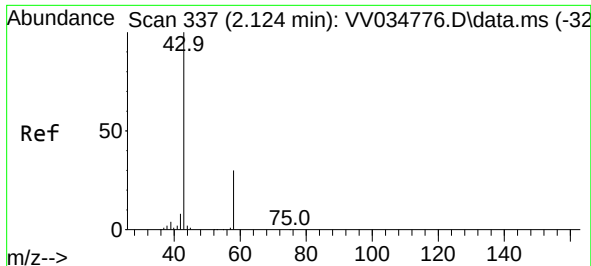
Tgt Ion:101 Resp: 122046
 Ion Ratio Lower Upper
 101 100
 85 45.3 37.4 56.0
 151 76.1 61.4 92.2



#12
 1,1-Dichloroethene
 Concen: 42.636 ug/L
 RT: 2.069 min Scan# 320
 Delta R.T. 0.000 min
 Lab File: VV034794.D
 Acq: 21 Mar 2024 17:34

Tgt Ion: 96 Resp: 108622
 Ion Ratio Lower Upper
 96 100
 61 176.9 128.9 239.3
 63 143.1 98.0 182.0





#13

Acetone

Concen: 55.230 ug/L

RT: 2.121 min Scan# 337

Delta R.T. -0.003 min

Lab File: VV034794.D

Acq: 21 Mar 2024 17:34

Instrument :

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ClientSampleId :

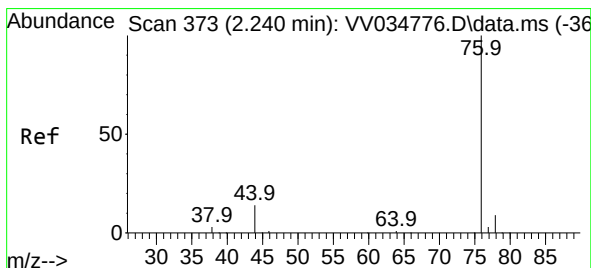
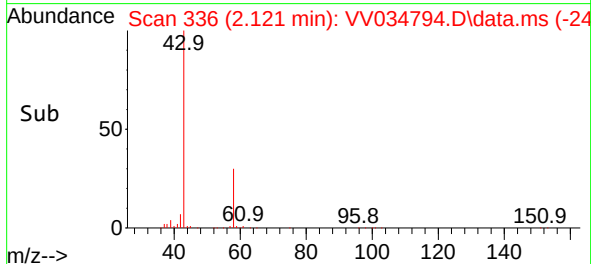
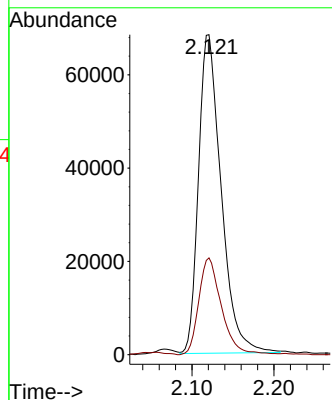
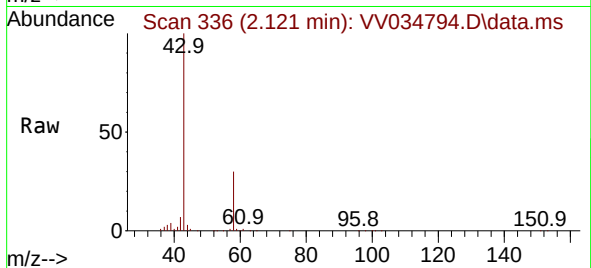
E0737MSD

Tgt Ion: 43 Resp: 130960

Ion Ratio Lower Upper

43 100

58 30.4 0.0 57.2



#14

Carbon disulfide

Concen: 42.368 ug/L

RT: 2.240 min Scan# 373

Delta R.T. 0.000 min

Lab File: VV034794.D

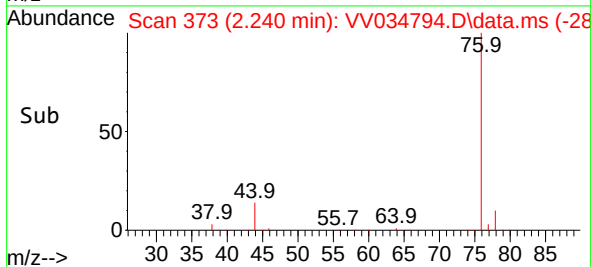
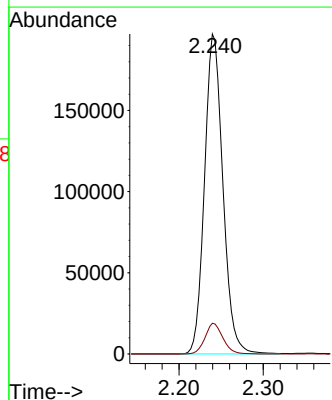
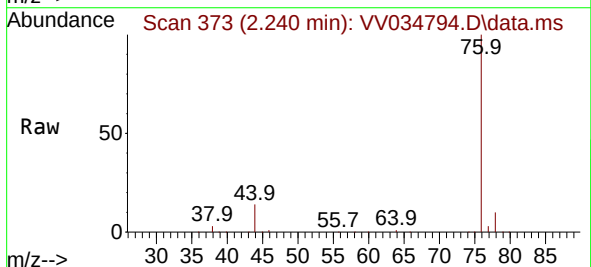
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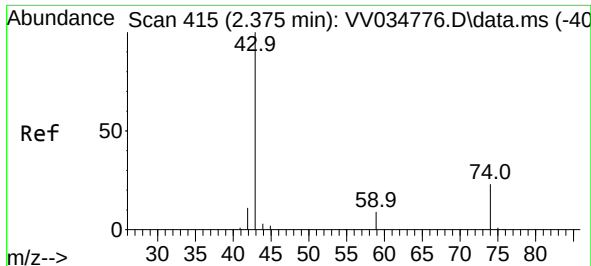
Tgt Ion: 76 Resp: 299559

Ion Ratio Lower Upper

76 100

78 9.6 7.5 11.3

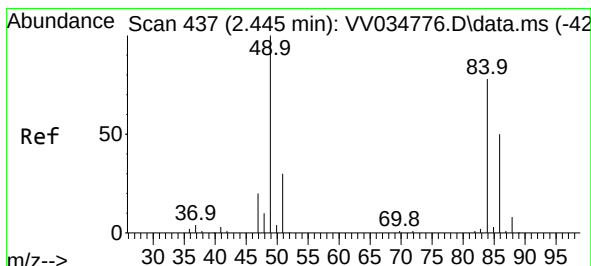
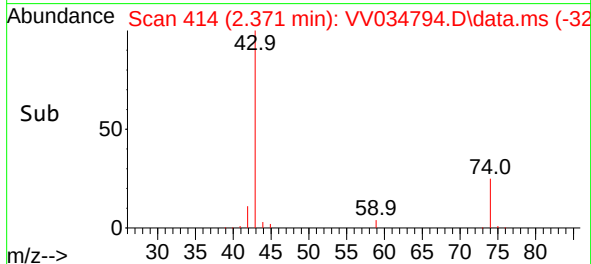
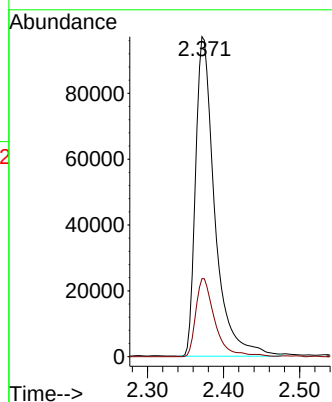
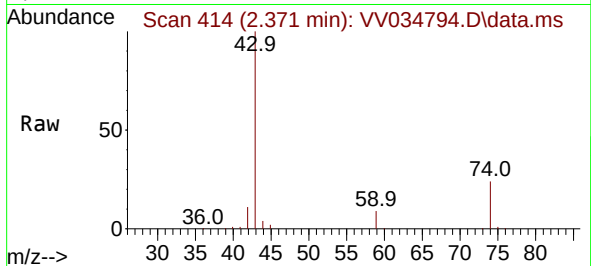




#15
Methyl Acetate
Concen: 56.224 ug/L
RT: 2.371 min Scan# 415
Delta R.T. -0.003 min
Lab File: VV034794.D
Acq: 21 Mar 2024 17:34

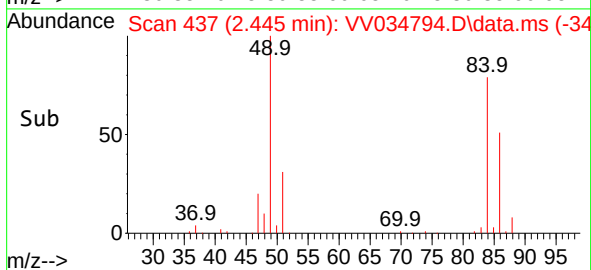
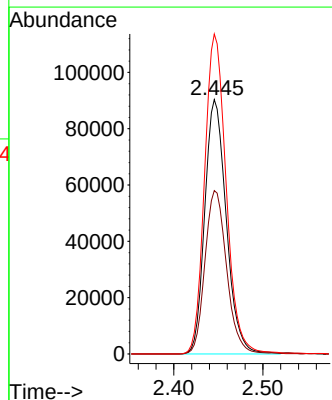
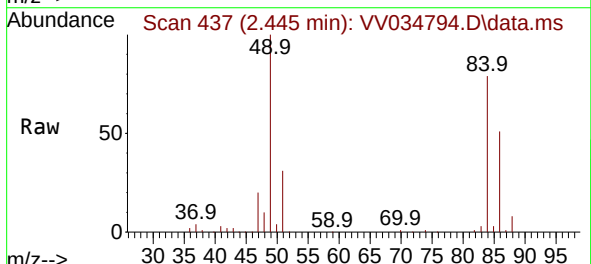
Instrument :
MSVOA_V
ClientSampleId :
E0737MSD

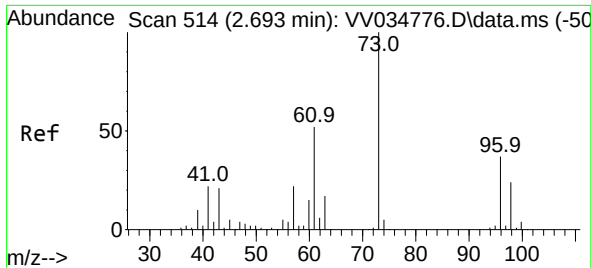
Tgt Ion: 43 Resp: 170554
Ion Ratio Lower Upper
43 100
74 24.3 17.8 26.8



#16
Methylene chloride
Concen: 56.013 ug/L
RT: 2.445 min Scan# 437
Delta R.T. 0.000 min
Lab File: VV034794.D
Acq: 21 Mar 2024 17:34

Tgt Ion: 84 Resp: 151369
Ion Ratio Lower Upper
84 100
86 64.2 45.6 84.6
49 125.8 92.3 171.3

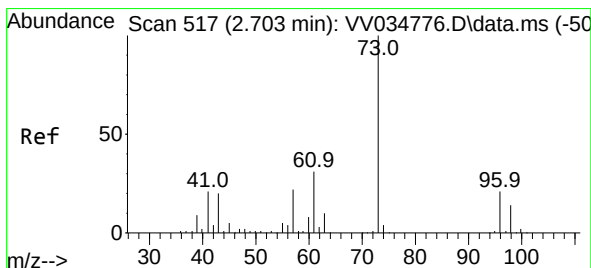
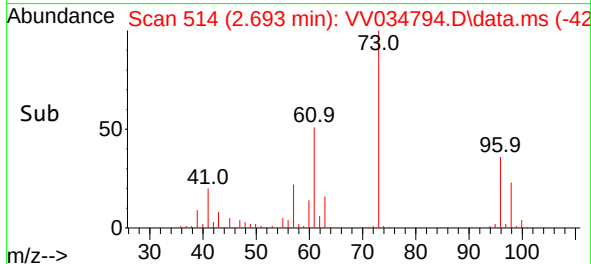
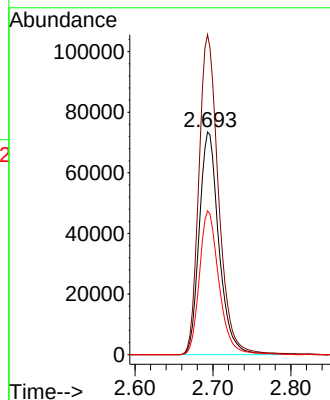
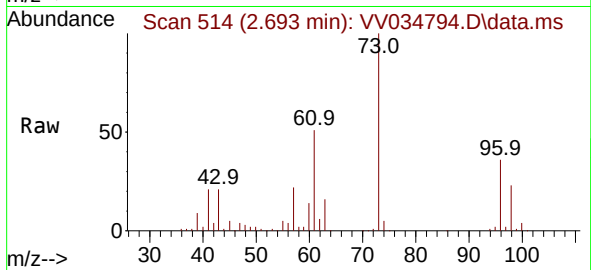




#17
trans-1,2-Dichloroethene
Concen: 52.195 ug/L
RT: 2.693 min Scan# 514
Delta R.T. 0.000 min
Lab File: VV034794.D
Acq: 21 Mar 2024 17:34

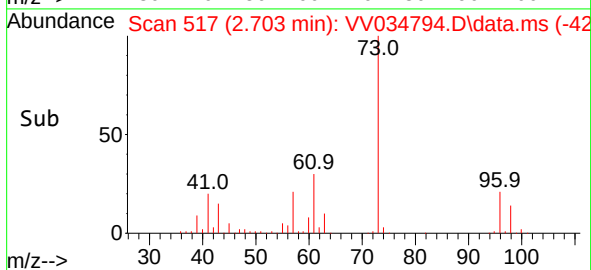
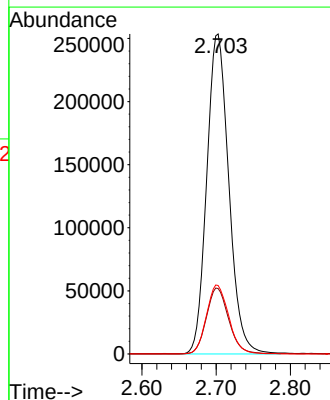
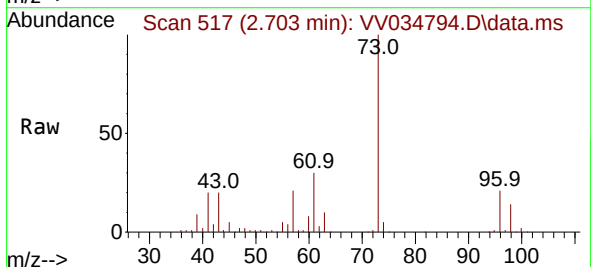
Instrument :
MSVOA_V
ClientSampleId :
E0737MSD

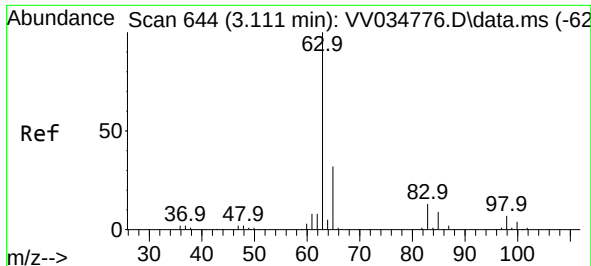
Tgt Ion: 96 Resp: 128705
Ion Ratio Lower Upper
96 100
61 143.7 98.8 183.4
98 64.6 46.1 85.5



#18
Methyl tert-butyl Ether
Concen: 59.101 ug/L
RT: 2.703 min Scan# 517
Delta R.T. 0.000 min
Lab File: VV034794.D
Acq: 21 Mar 2024 17:34

Tgt Ion: 73 Resp: 523350
Ion Ratio Lower Upper
73 100
43 20.6 17.1 25.7
57 21.8 17.6 26.4





#19

1,1-Dichloroethane

Concen: 57.363 ug/L

RT: 3.111 min Scan# 644

Delta R.T. 0.000 min

Lab File: VV034794.D

Acq: 21 Mar 2024 17:34

Instrument :

MSVOA_V

ClientSampleId :

E0737MSD

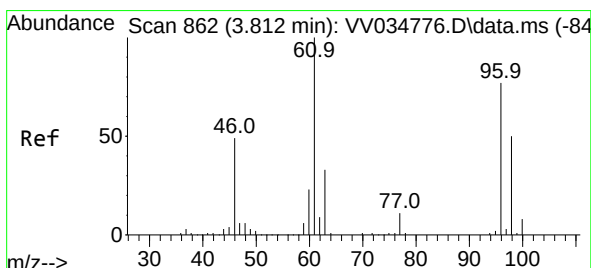
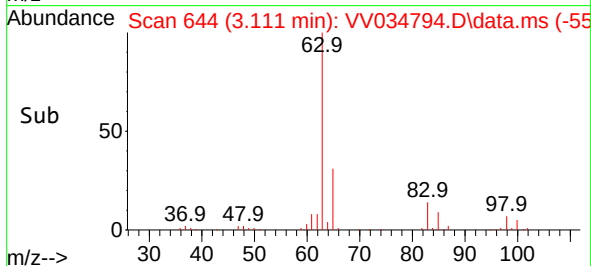
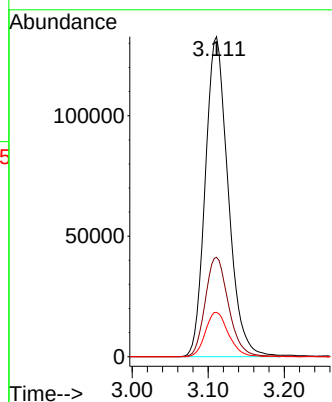
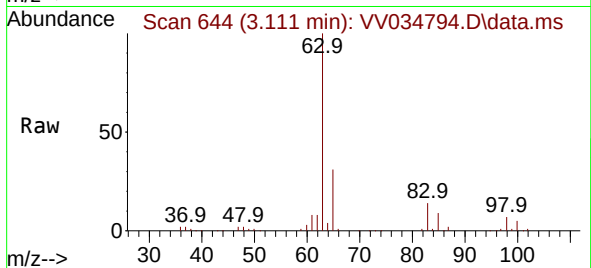
Tgt Ion: 63 Resp: 277089

Ion Ratio Lower Upper

63 100

65 31.1 22.1 41.1

83 13.9 9.9 18.3



#20

cis-1,2-Dichloroethene

Concen: 57.534 ug/L

RT: 3.812 min Scan# 862

Delta R.T. 0.000 min

Lab File: VV034794.D

Acq: 21 Mar 2024 17:34

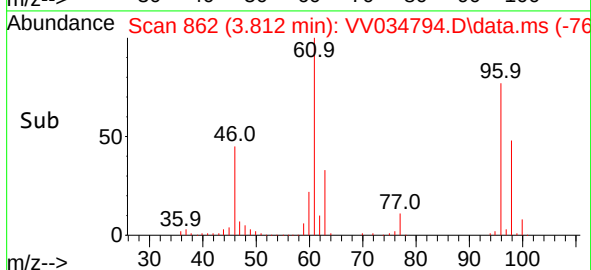
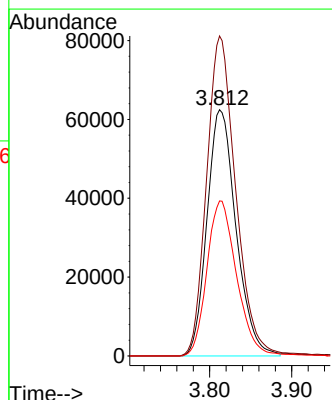
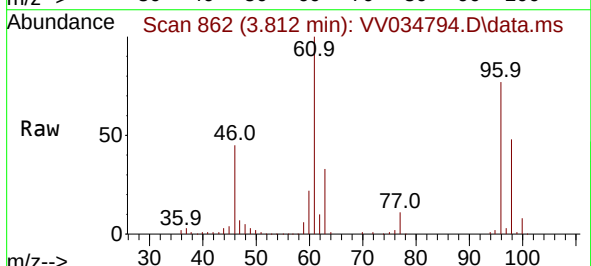
Tgt Ion: 96 Resp: 153929

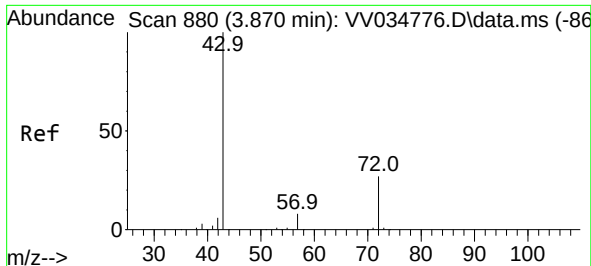
Ion Ratio Lower Upper

96 100

61 129.9 96.0 178.4

98 63.0 46.0 85.4

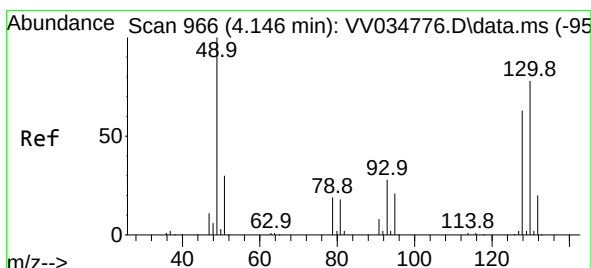
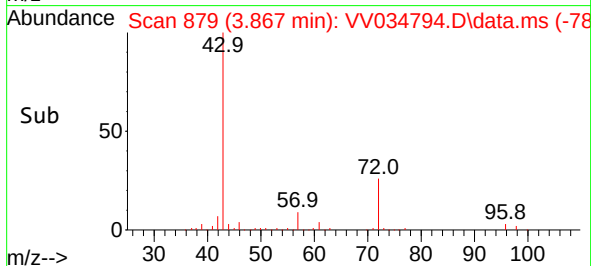
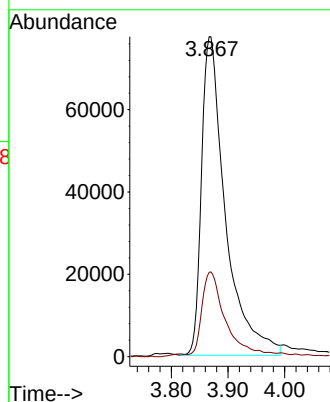
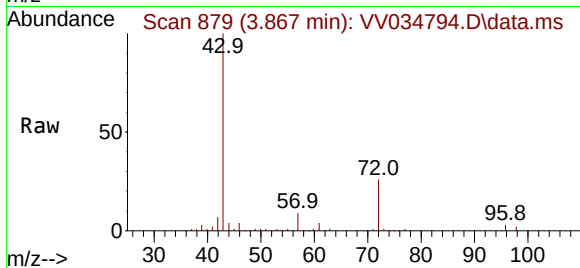




#22
2-Butanone
Concen: 96.870 ug/L
RT: 3.867 min Scan# 81
Delta R.T. -0.003 min
Lab File: VV034794.D
Acq: 21 Mar 2024 17:34

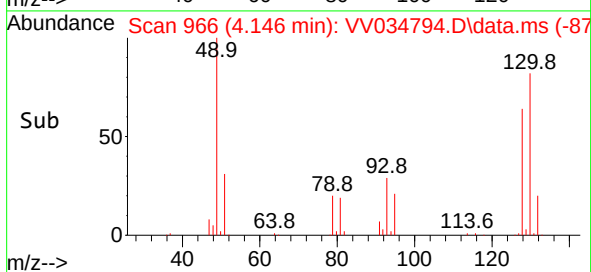
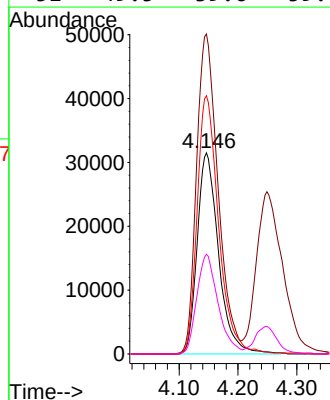
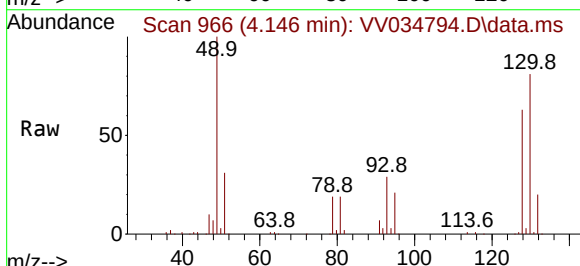
Instrument :
MSVOA_V
ClientSampleId :
E0737MSD

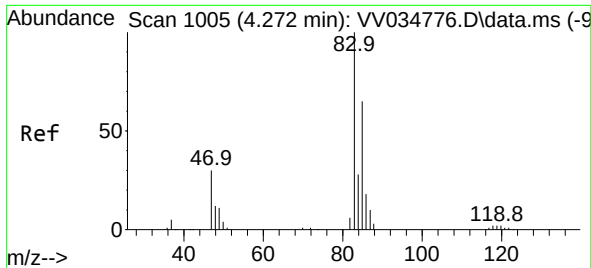
Tgt Ion: 43 Resp: 226817
Ion Ratio Lower Upper
43 100
72 23.8 11.5 34.4



#23
Bromochloromethane
Concen: 57.299 ug/L
RT: 4.146 min Scan# 966
Delta R.T. 0.000 min
Lab File: VV034794.D
Acq: 21 Mar 2024 17:34

Tgt Ion:128 Resp: 79271
Ion Ratio Lower Upper
128 100
49 159.1 109.4 203.2
130 128.4 87.7 162.9
51 49.5 39.6 59.4

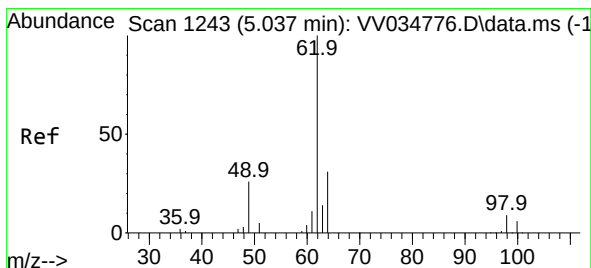
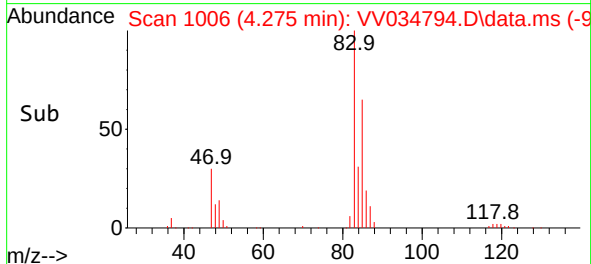
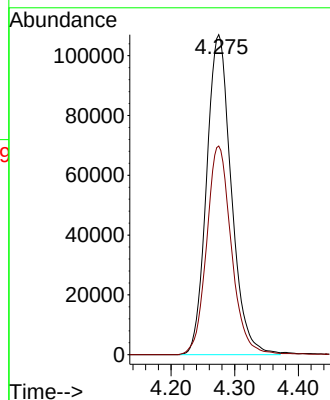
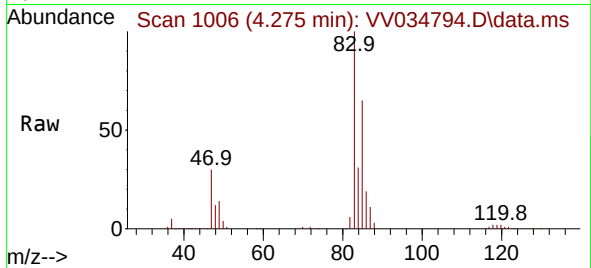




#25
Chloroform
Concen: 57.690 ug/L
RT: 4.275 min Scan# 1005
Delta R.T. 0.003 min
Lab File: VV034794.D
Acq: 21 Mar 2024 17:34

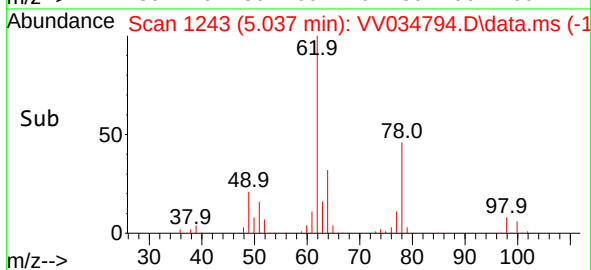
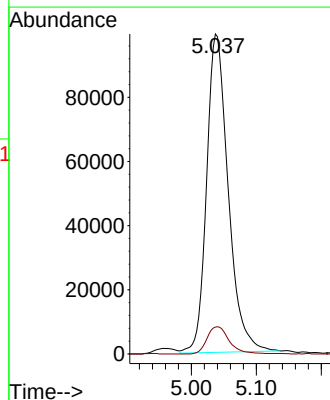
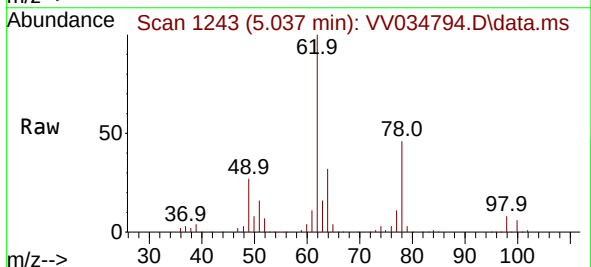
Instrument :
MSVOA_V
ClientSampleId :
E0737MSD

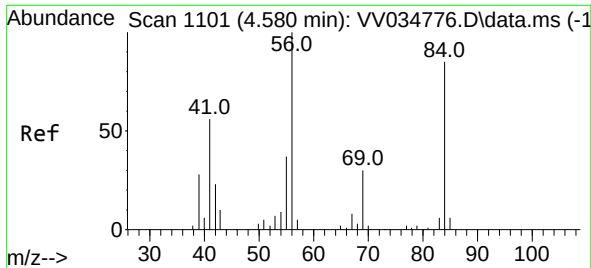
Tgt Ion: 83 Resp: 288833
Ion Ratio Lower Upper
83 100
85 65.2 45.5 84.5



#27
1,2-Dichloroethane
Concen: 56.452 ug/L
RT: 5.037 min Scan# 1243
Delta R.T. 0.000 min
Lab File: VV034794.D
Acq: 21 Mar 2024 17:34

Tgt Ion: 62 Resp: 229632
Ion Ratio Lower Upper
62 100
98 8.4 6.6 10.0

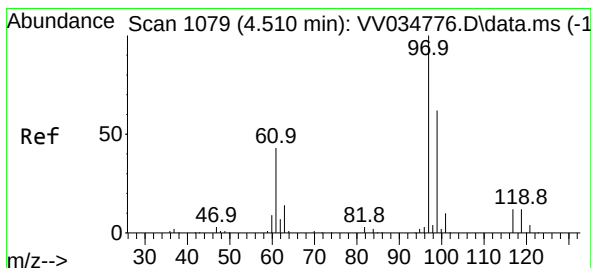
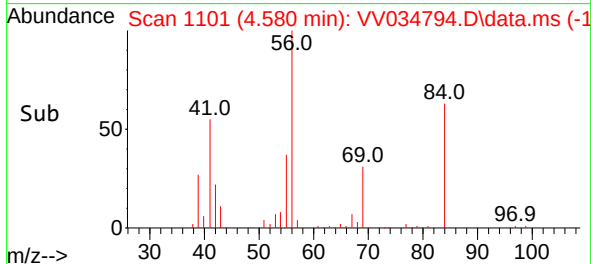
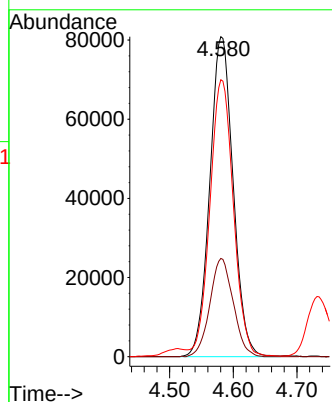
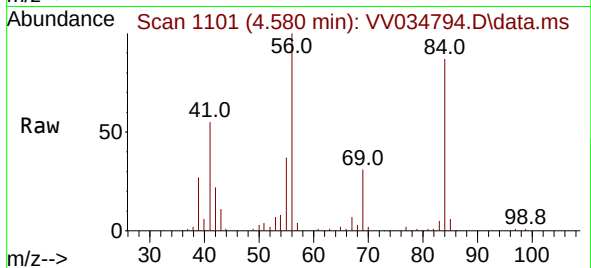




#29
Cyclohexane
Concen: 47.973 ug/L
RT: 4.580 min Scan# 1101
Delta R.T. 0.000 min
Lab File: VV034794.D
Acq: 21 Mar 2024 17:34

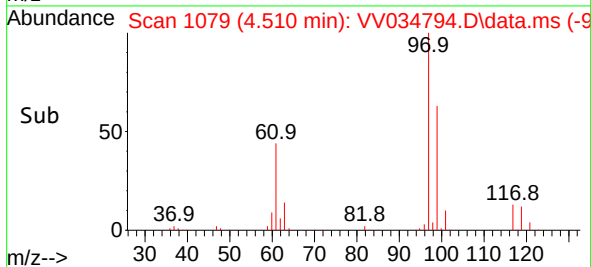
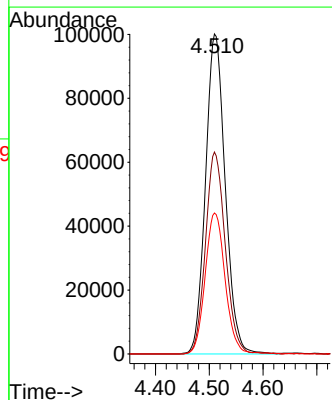
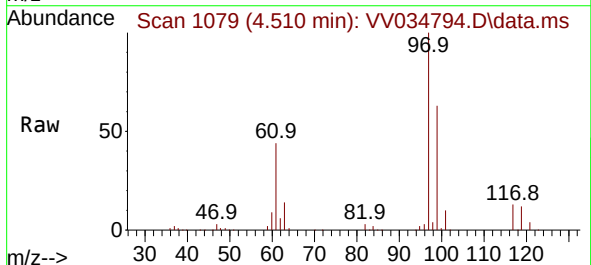
Instrument :
MSVOA_V
ClientSampleId :
E0737MSD

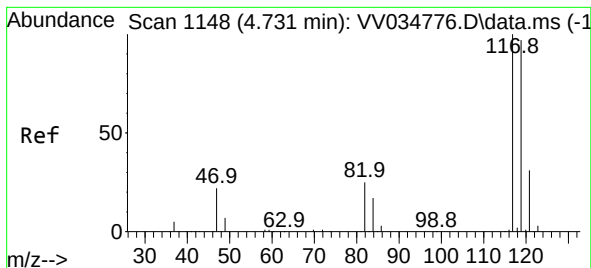
Tgt Ion: 56 Resp: 206034
Ion Ratio Lower Upper
56 100
69 30.7 24.2 36.4
84 86.4 70.5 105.7



#30
1,1,1-Trichloroethane
Concen: 54.527 ug/L
RT: 4.510 min Scan# 1079
Delta R.T. 0.000 min
Lab File: VV034794.D
Acq: 21 Mar 2024 17:34

Tgt Ion: 97 Resp: 255305
Ion Ratio Lower Upper
97 100
99 63.2 51.3 76.9
61 44.5 36.0 54.0





#31

Carbon tetrachloride

Concen: 52.165 ug/L

RT: 4.731 min Scan# 1148

Delta R.T. 0.000 min

Lab File: VV034794.D

Acq: 21 Mar 2024 17:34

Instrument :

MSVOA_V

ClientSampleId :

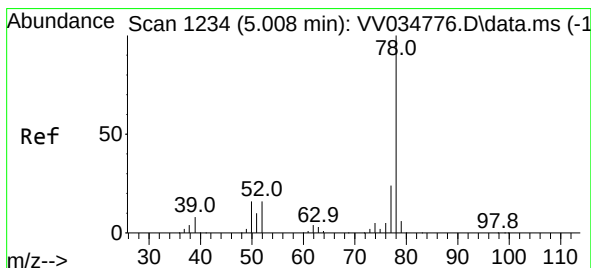
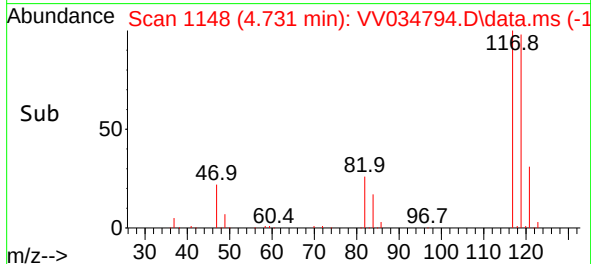
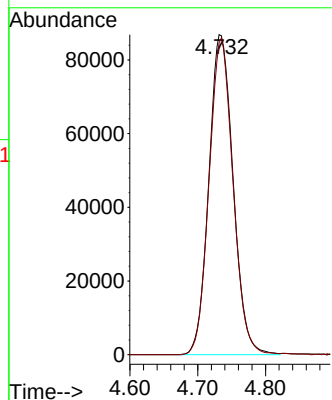
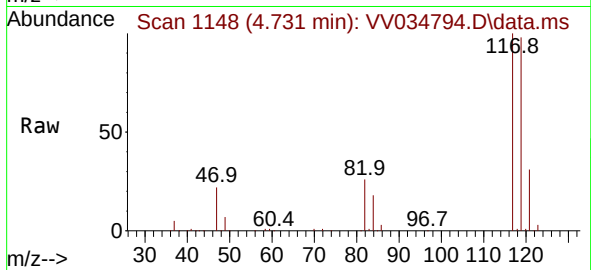
E0737MSD

Tgt Ion:117 Resp: 216246

Ion Ratio Lower Upper

117 100

119 97.1 77.5 116.3



#33

Benzene

Concen: 54.773 ug/L

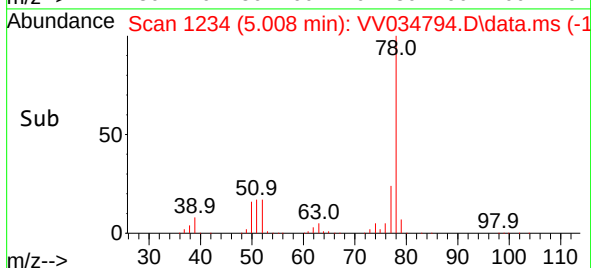
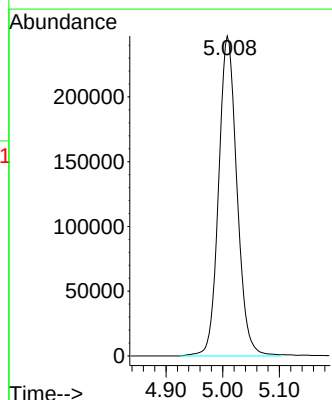
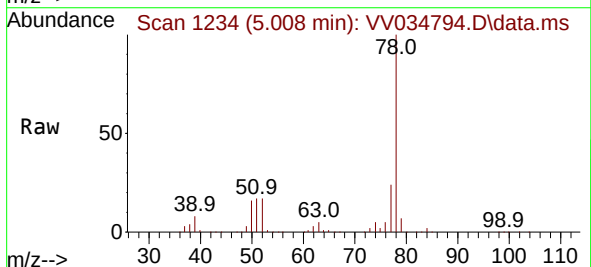
RT: 5.008 min Scan# 1234

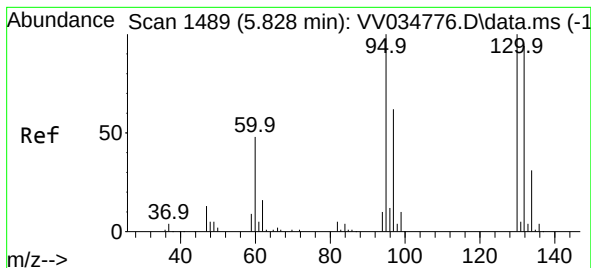
Delta R.T. 0.000 min

Lab File: VV034794.D

Acq: 21 Mar 2024 17:34

Tgt Ion: 78 Resp: 555126





#34

Trichloroethene

Concen: 52.898 ug/L

RT: 5.831 min Scan# 1489

Delta R.T. 0.003 min

Lab File: VV034794.D

Acq: 21 Mar 2024 17:34

Instrument :

MSVOA_V

ClientSampleId :

E0737MSD

Tgt Ion: 95 Resp: 152397

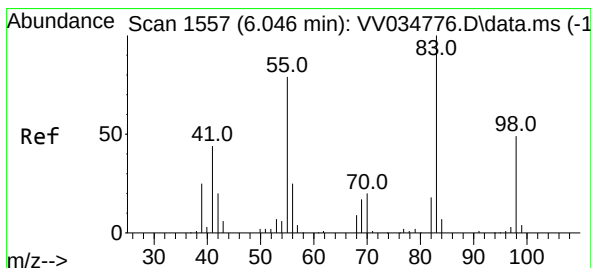
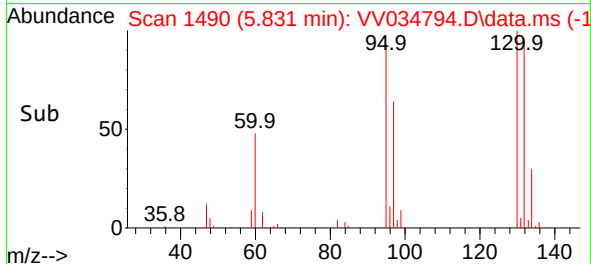
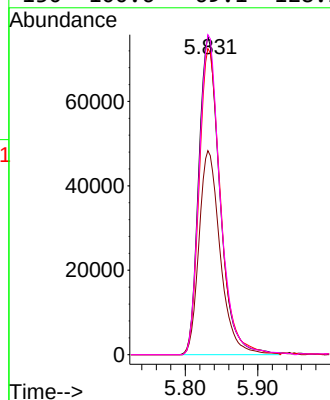
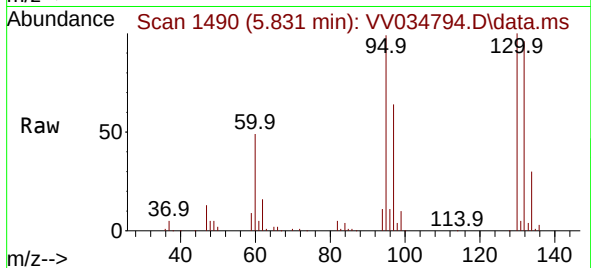
Ion Ratio Lower Upper

95 100

97 64.1 44.7 83.1

132 96.2 65.3 121.3

130 100.6 69.1 128.3



#35

Methylcyclohexane

Concen: 49.141 ug/L

RT: 6.047 min Scan# 1557

Delta R.T. 0.000 min

Lab File: VV034794.D

Acq: 21 Mar 2024 17:34

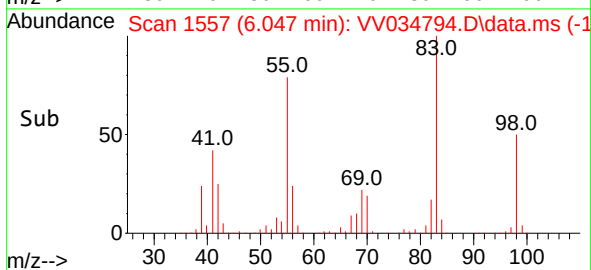
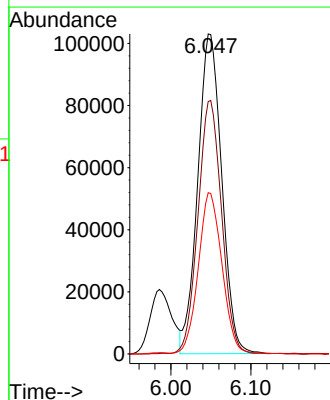
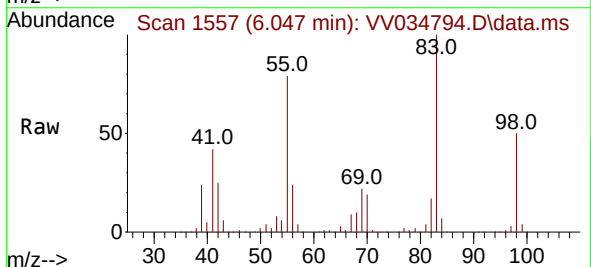
Tgt Ion: 83 Resp: 215229

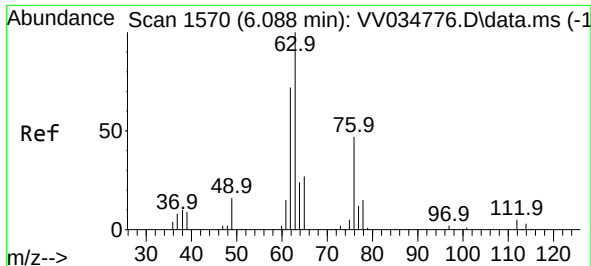
Ion Ratio Lower Upper

83 100

55 77.6 62.6 94.0

98 49.6 39.5 59.3





#37

1,2-Dichloropropane

Concen: 57.119 ug/L

RT: 6.092 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV034794.D

Acq: 21 Mar 2024 17:34

Instrument :

MSVOA_V

ClientSampleId :

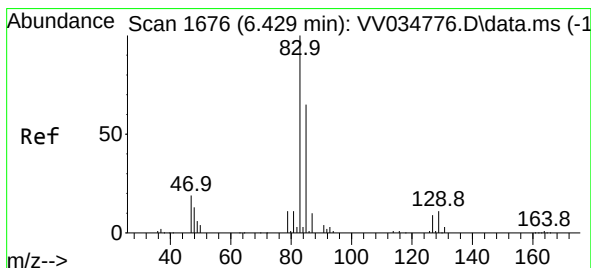
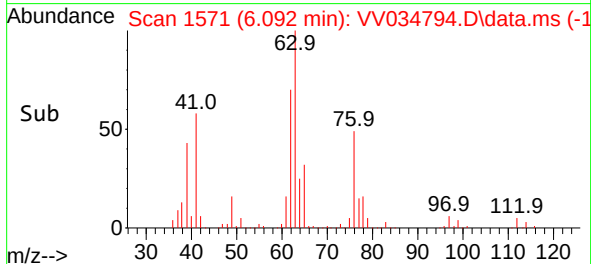
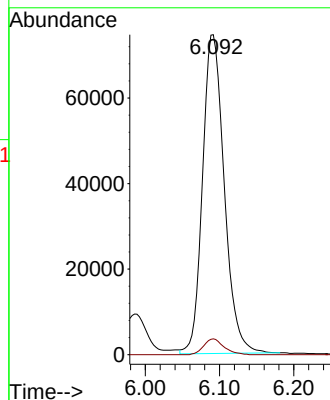
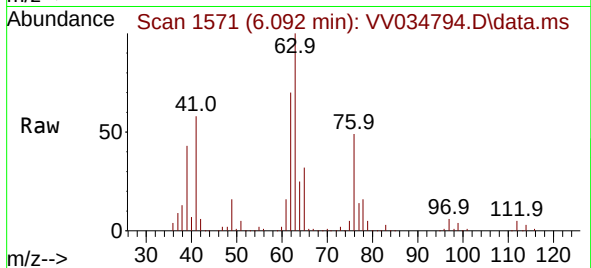
E0737MSD

Tgt Ion: 63 Resp: 151565

Ion Ratio Lower Upper

63 100

112 4.6 3.5 5.3



#38

Bromodichloromethane

Concen: 58.142 ug/L

RT: 6.429 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VV034794.D

Acq: 21 Mar 2024 17:34

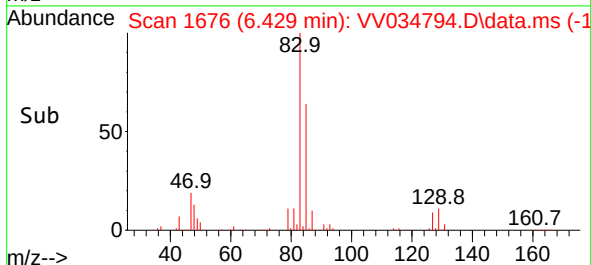
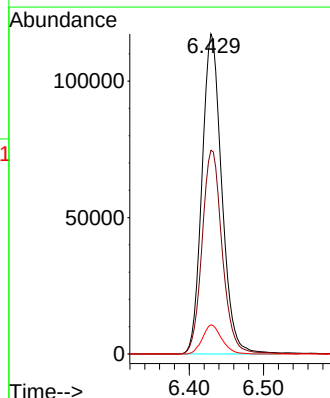
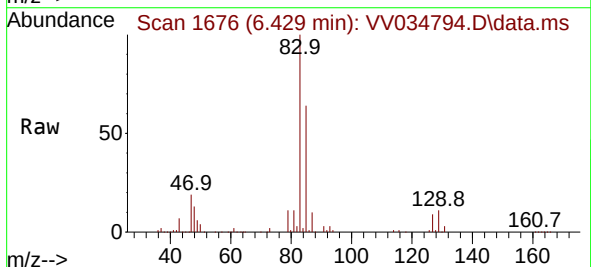
Tgt Ion: 83 Resp: 217010

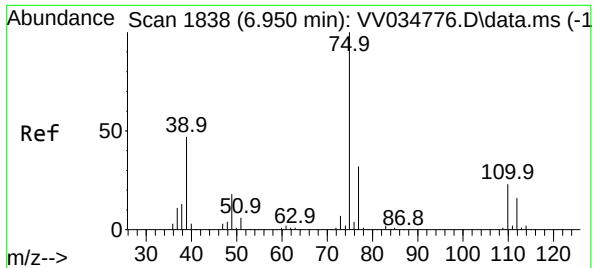
Ion Ratio Lower Upper

83 100

85 63.7 44.6 82.8

127 9.1 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 57.509 ug/L

RT: 6.950 min Scan# 1838

Delta R.T. 0.000 min

Lab File: VV034794.D

Acq: 21 Mar 2024 17:34

Instrument :

MSVOA_V

ClientSampleId :

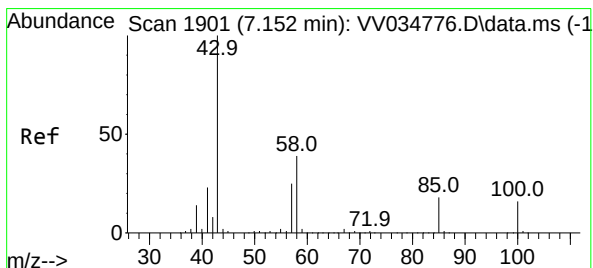
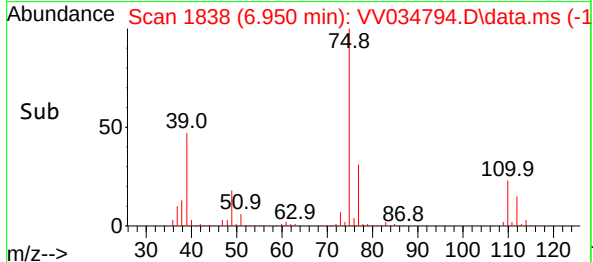
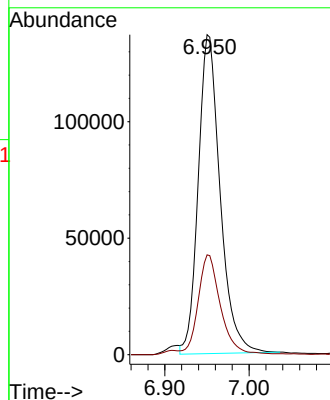
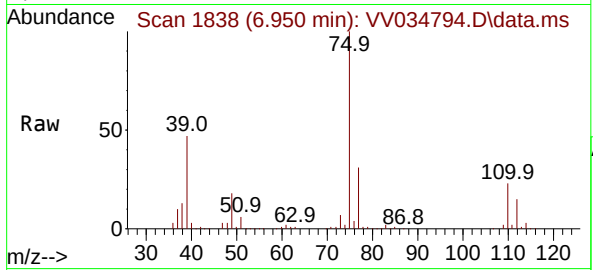
E0737MSD

Tgt Ion: 75 Resp: 247239

Ion Ratio Lower Upper

75 100

77 31.2 20.9 38.9



#40

4-Methyl-2-pentanone

Concen: 117.581 ug/L

RT: 7.153 min Scan# 1901

Delta R.T. 0.000 min

Lab File: VV034794.D

Acq: 21 Mar 2024 17:34

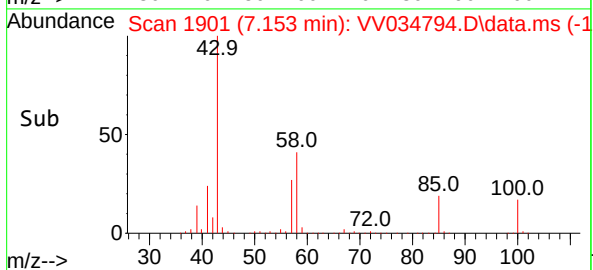
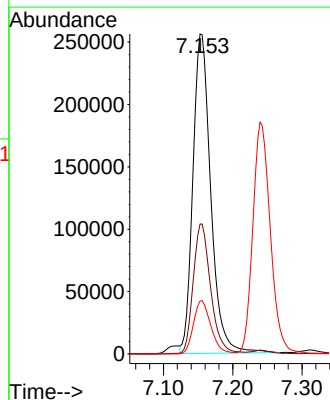
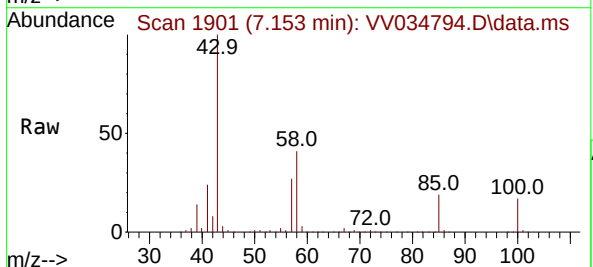
Tgt Ion: 43 Resp: 460060

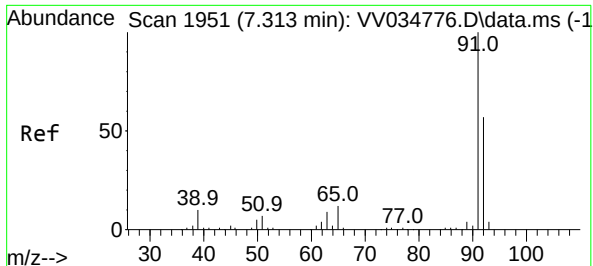
Ion Ratio Lower Upper

43 100

58 39.9 30.6 46.0

100 16.3 12.5 18.7





#42

Toluene

Concen: 55.846 ug/L

RT: 7.313 min Scan# 1951

Delta R.T. 0.000 min

Lab File: VV034794.D

Acq: 21 Mar 2024 17:34

Instrument :

MSVOA_V

ClientSampleId :

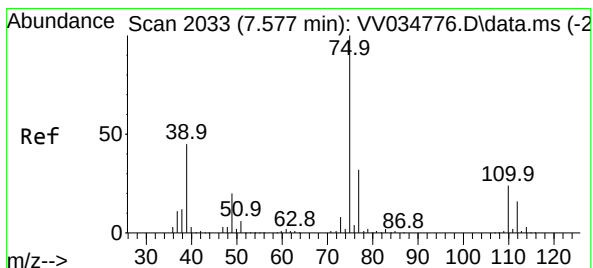
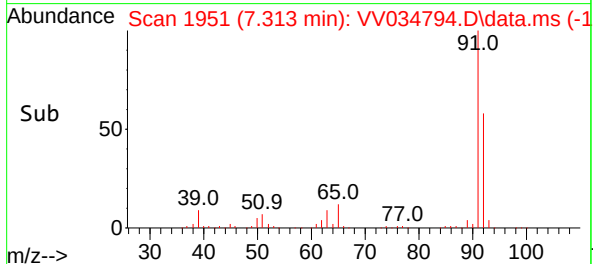
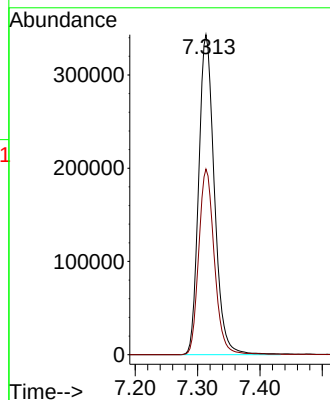
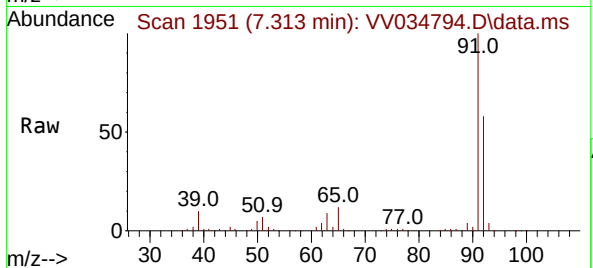
E0737MSD

Tgt Ion: 91 Resp: 599034

Ion Ratio Lower Upper

91 100

92 58.0 40.5 75.1



#44

trans-1,3-Dichloropropene

Concen: 59.487 ug/L

RT: 7.577 min Scan# 2033

Delta R.T. 0.000 min

Lab File: VV034794.D

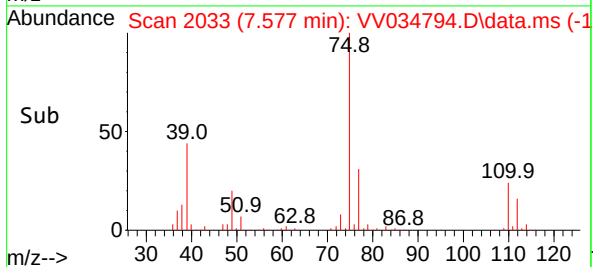
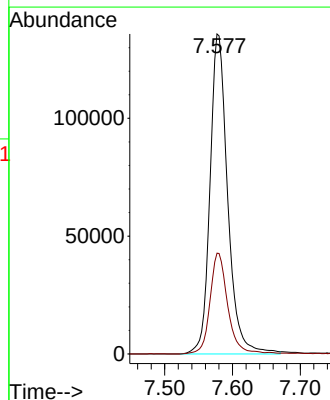
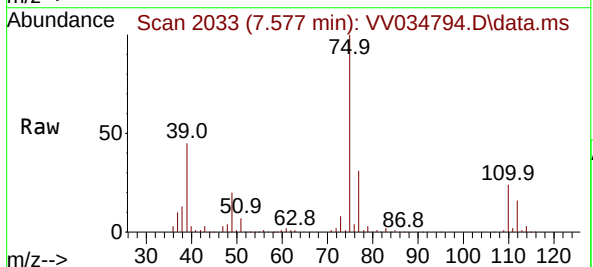
Acq: 21 Mar 2024 17:34

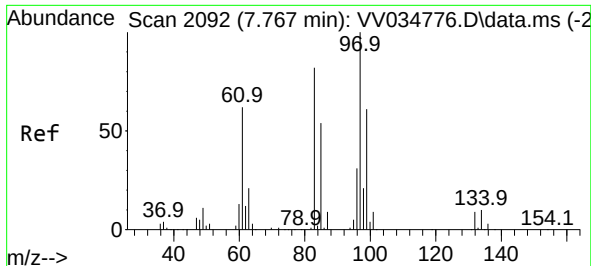
Tgt Ion: 75 Resp: 245967

Ion Ratio Lower Upper

75 100

77 31.5 21.8 40.4



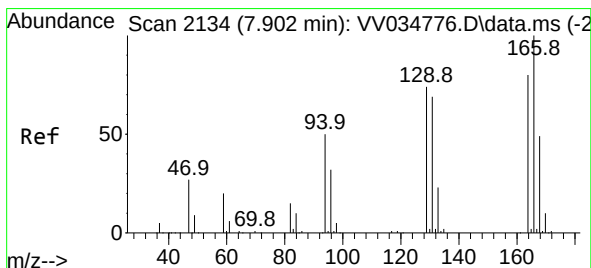
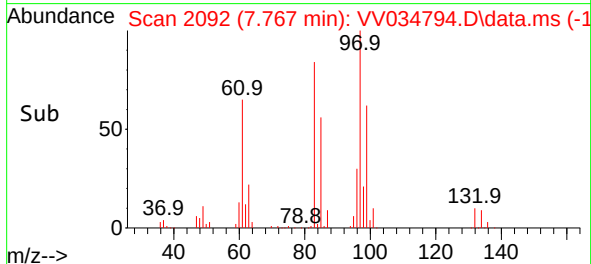
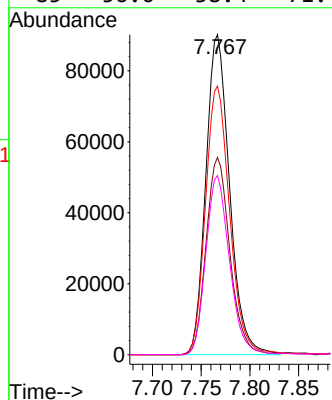
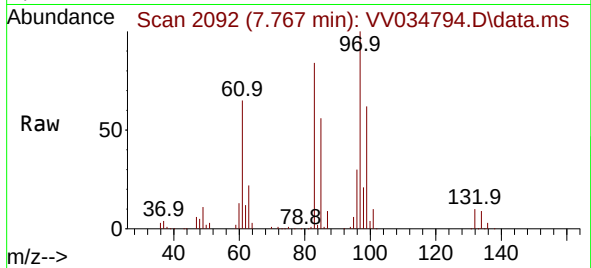


#45
1,1,2-Trichloroethane
Concen: 59.706 ug/L
RT: 7.767 min Scan# 2092
Delta R.T. 0.000 min
Lab File: VV034794.D
Acq: 21 Mar 2024 17:34

Instrument :
MSVOA_V
ClientSampleId :
E0737MSD

Tgt Ion: 97 Resp: 152862

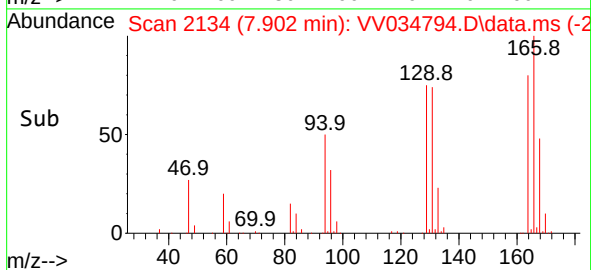
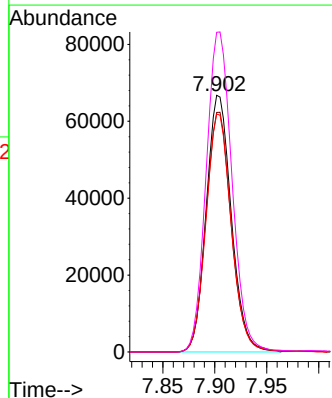
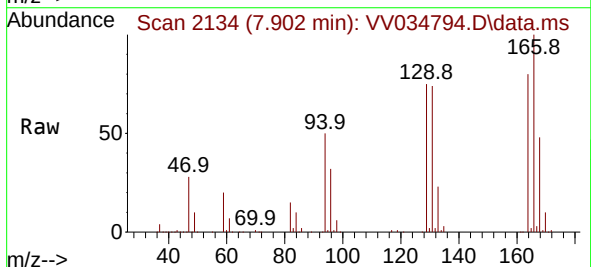
Ion	Ratio	Lower	Upper
97	100		
99	61.6	43.8	81.4
83	83.9	59.4	110.2
85	56.0	38.4	71.4

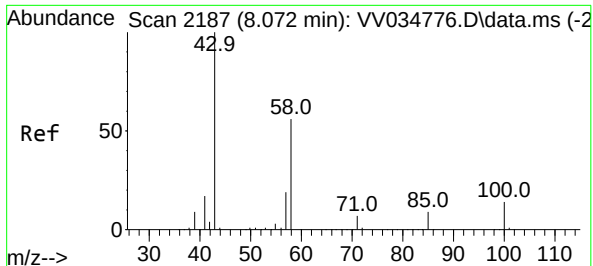


#46
Tetrachloroethene
Concen: 52.303 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. 0.000 min
Lab File: VV034794.D
Acq: 21 Mar 2024 17:34

Tgt Ion: 164 Resp: 112062

Ion	Ratio	Lower	Upper
164	100		
129	93.3	65.7	121.9
131	92.7	62.2	115.6
166	124.6	89.7	166.7

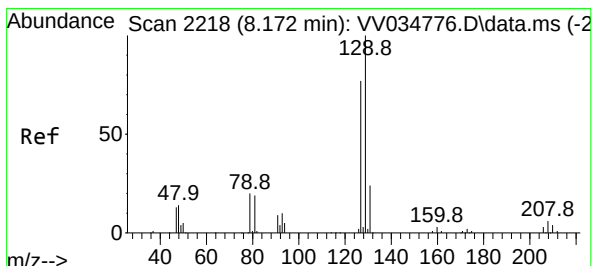
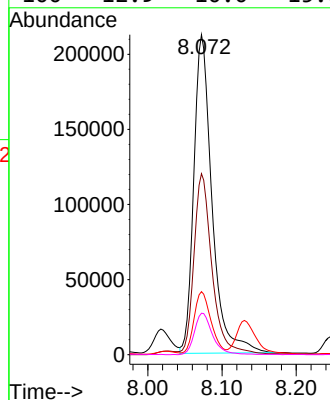
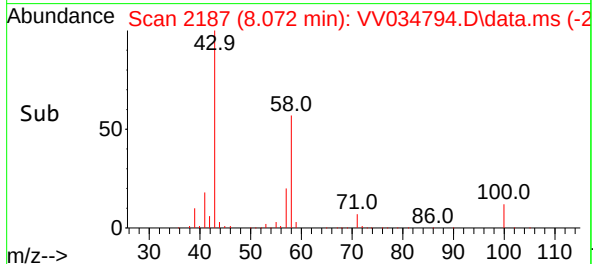
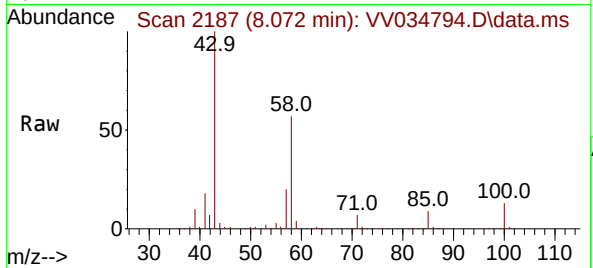




#48
2-Hexanone
Concen: 116.645 ug/L
RT: 8.072 min Scan# 2187
Delta R.T. 0.000 min
Lab File: VV034794.D
Acq: 21 Mar 2024 17:34

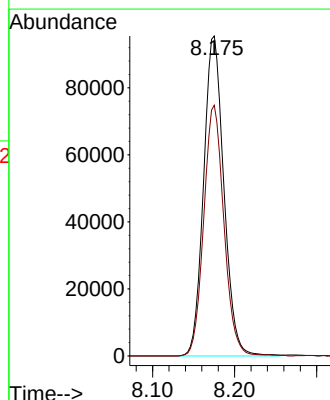
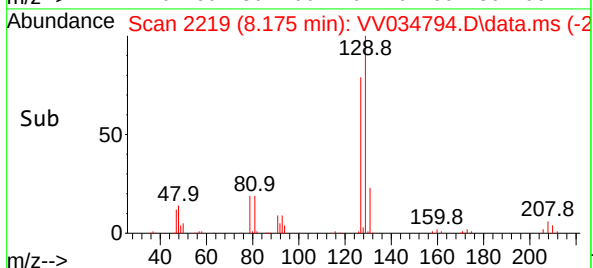
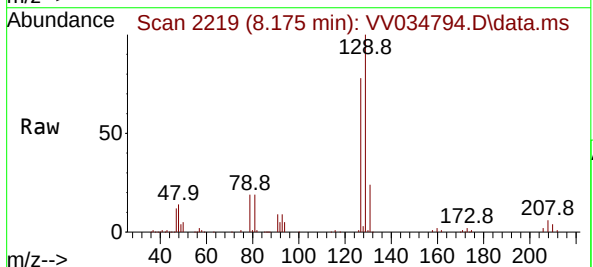
Instrument :
MSVOA_V
ClientSampleId :
E0737MSD

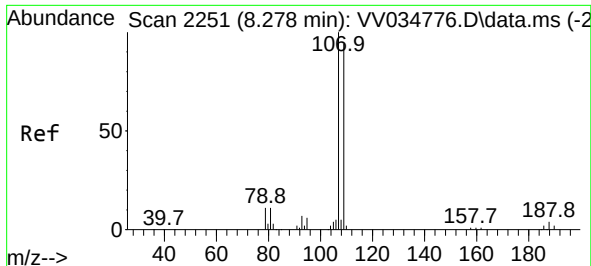
Tgt Ion: 43 Resp: 363678
Ion Ratio Lower Upper
43 100
58 55.7 42.0 63.0
57 18.4 15.2 22.8
100 12.9 10.0 15.0



#49
Dibromochloromethane
Concen: 60.666 ug/L
RT: 8.175 min Scan# 2219
Delta R.T. 0.003 min
Lab File: VV034794.D
Acq: 21 Mar 2024 17:34

Tgt Ion: 129 Resp: 163905
Ion Ratio Lower Upper
129 100
127 78.3 53.3 98.9





#50

1,2-Dibromoethane

Concen: 58.776 ug/L

RT: 8.281 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV034794.D

Acq: 21 Mar 2024 17:34

Instrument :

MSVOA_V

ClientSampleId :

E0737MSD

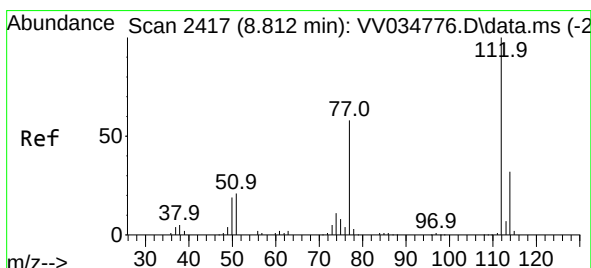
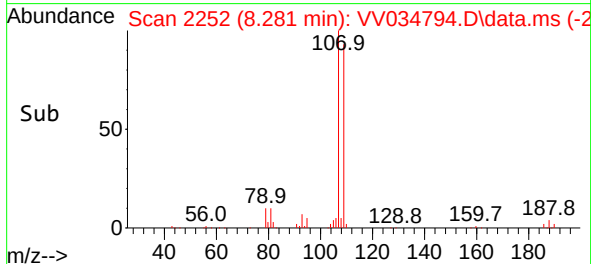
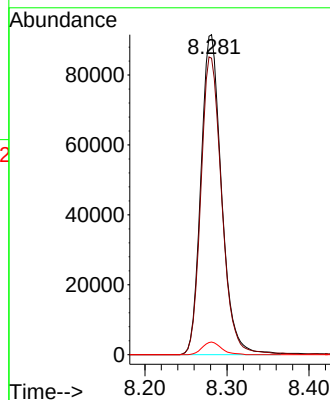
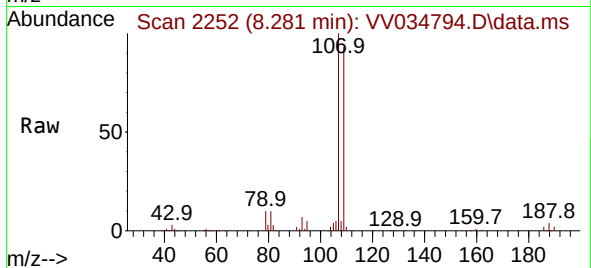
Tgt Ion:107 Resp: 159683

Ion Ratio Lower Upper

107 100

109 92.7 66.5 123.5

188 4.1 3.4 5.2



#51

Chlorobenzene

Concen: 57.238 ug/L

RT: 8.812 min Scan# 2417

Delta R.T. 0.000 min

Lab File: VV034794.D

Acq: 21 Mar 2024 17:34

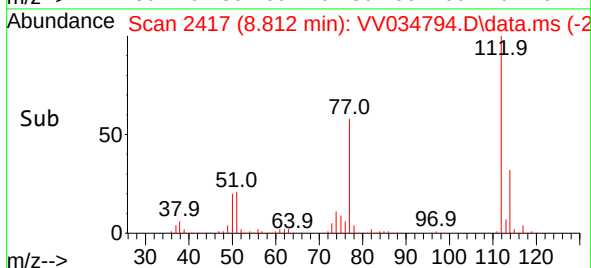
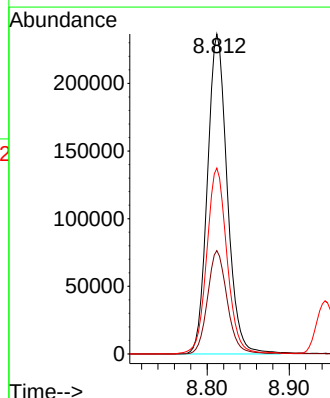
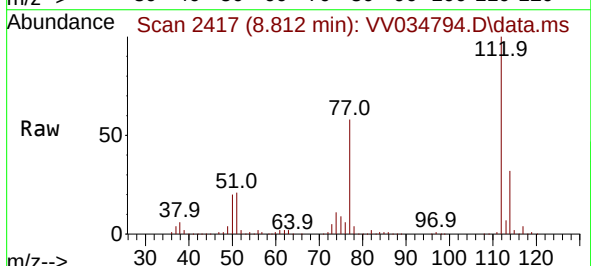
Tgt Ion:112 Resp: 396915

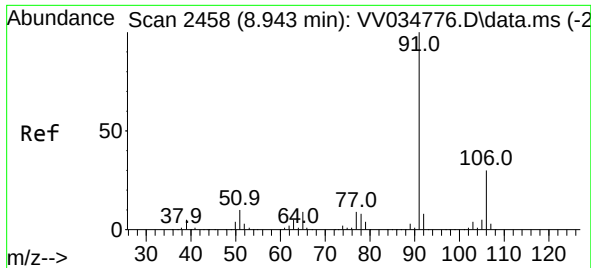
Ion Ratio Lower Upper

112 100

114 32.3 22.3 41.5

77 58.1 47.7 71.5

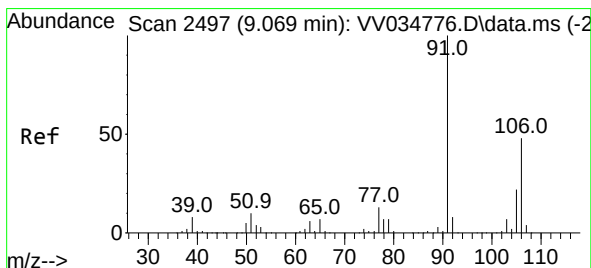
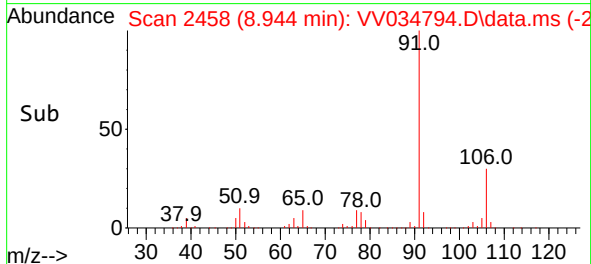
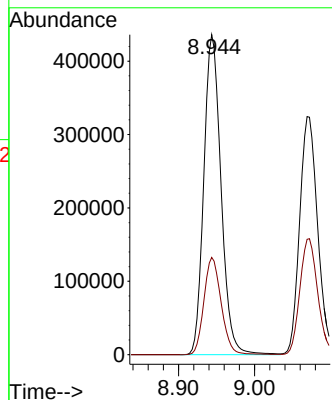
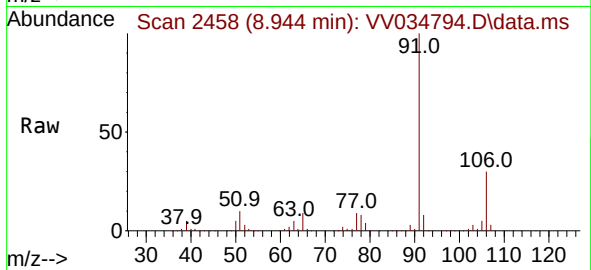




#52
Ethylbenzene
Concen: 57.055 ug/L
RT: 8.944 min Scan# 2458
Delta R.T. 0.000 min
Lab File: VV034794.D
Acq: 21 Mar 2024 17:34

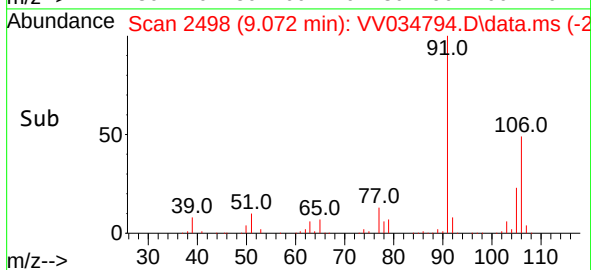
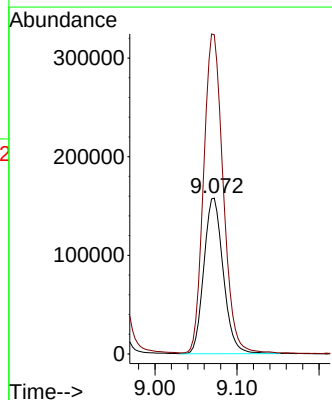
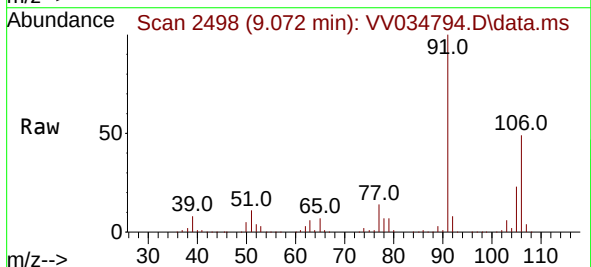
Instrument :
MSVOA_V
ClientSampleId :
E0737MSD

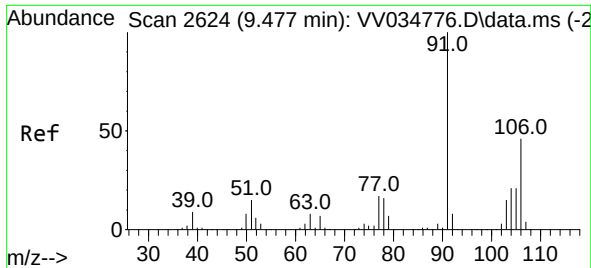
Tgt Ion: 91 Resp: 685749
Ion Ratio Lower Upper
91 100
106 30.4 21.3 39.5



#53
m,p-Xylene
Concen: 56.851 ug/L
RT: 9.072 min Scan# 2498
Delta R.T. 0.003 min
Lab File: VV034794.D
Acq: 21 Mar 2024 17:34

Tgt Ion:106 Resp: 259290
Ion Ratio Lower Upper
106 100
91 204.8 145.3 269.9

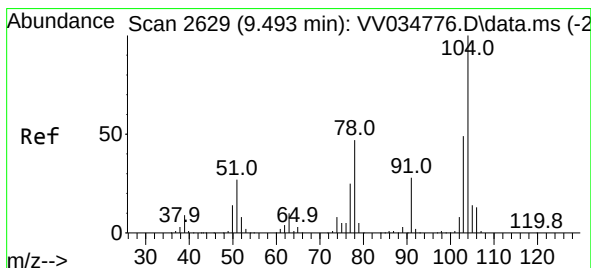
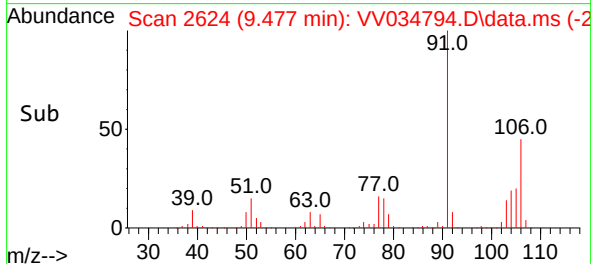
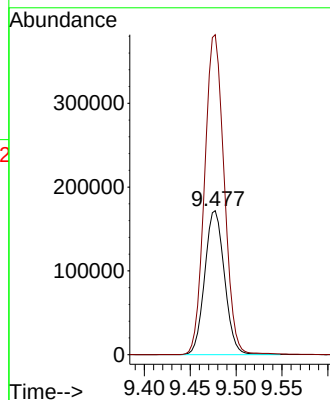
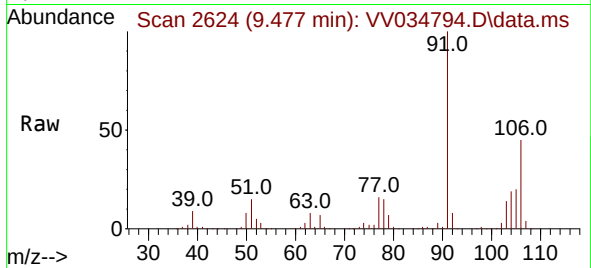




#54
o-Xylene
Concen: 57.755 ug/L
RT: 9.477 min Scan# 2624
Delta R.T. 0.000 min
Lab File: VV034794.D
Acq: 21 Mar 2024 17:34

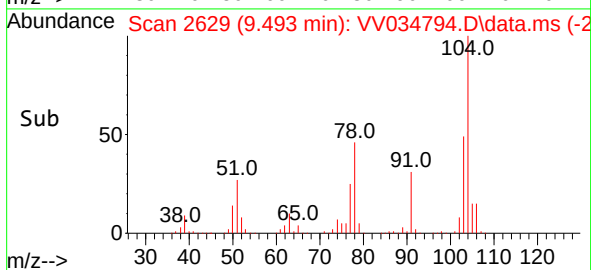
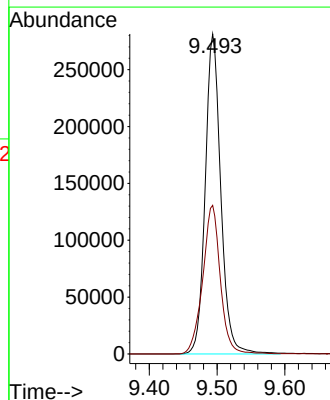
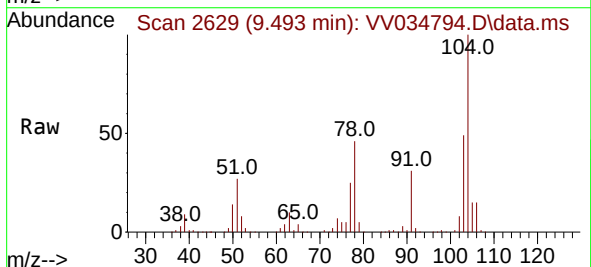
Instrument :
MSVOA_V
ClientSampleId :
E0737MSD

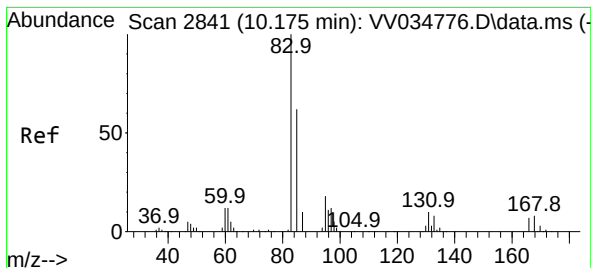
Tgt Ion:106 Resp: 257940
Ion Ratio Lower Upper
106 100
91 222.3 152.2 282.7



#55
Styrene
Concen: 59.390 ug/L
RT: 9.493 min Scan# 2629
Delta R.T. 0.000 min
Lab File: VV034794.D
Acq: 21 Mar 2024 17:34

Tgt Ion:104 Resp: 449093
Ion Ratio Lower Upper
104 100
78 46.4 33.0 61.4

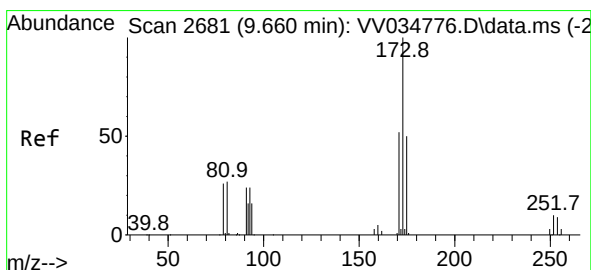
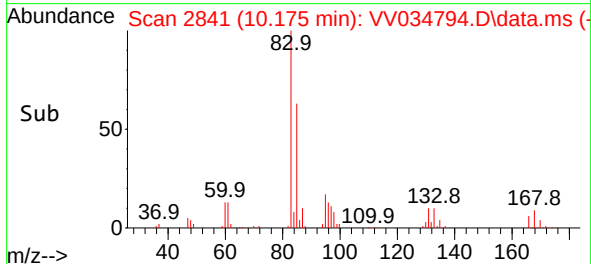
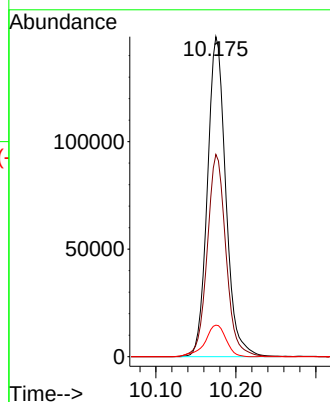
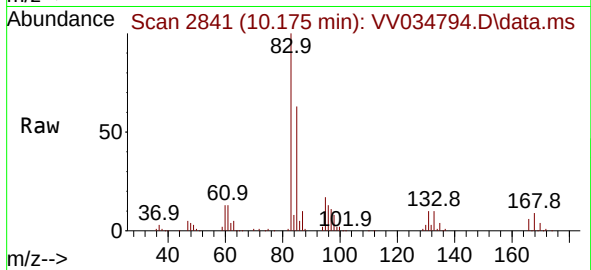




#57
1,1,2,2-Tetrachloroethane
Concen: 61.784 ug/L
RT: 10.175 min Scan# 2841
Delta R.T. 0.000 min
Lab File: VV034794.D
Acq: 21 Mar 2024 17:34

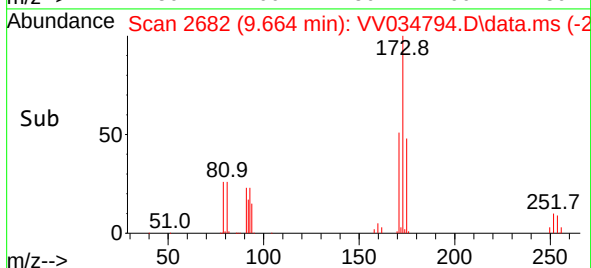
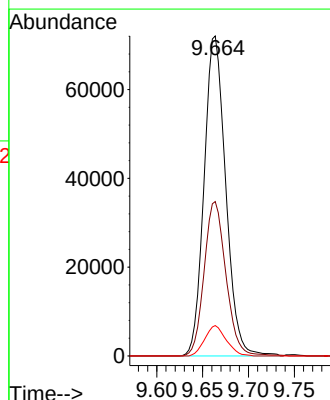
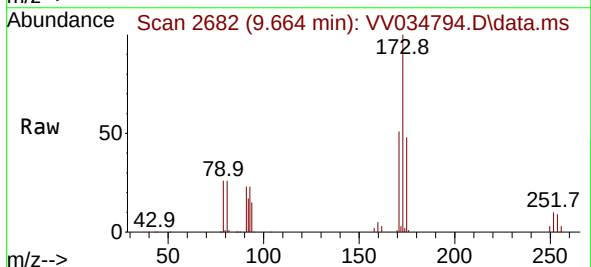
Instrument :
MSVOA_V
ClientSampleId :
E0737MSD

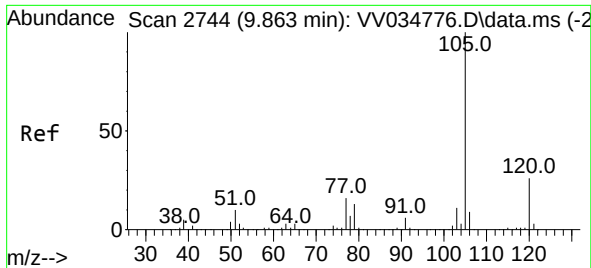
Tgt Ion: 83 Resp: 237583
Ion Ratio Lower Upper
83 100
85 63.2 45.4 84.2
131 9.9 8.3 12.5



#59
Bromoform
Concen: 61.896 ug/L
RT: 9.664 min Scan# 2682
Delta R.T. 0.003 min
Lab File: VV034794.D
Acq: 21 Mar 2024 17:34

Tgt Ion: 173 Resp: 118243
Ion Ratio Lower Upper
173 100
175 48.7 39.1 58.7
254 9.4 7.8 11.8

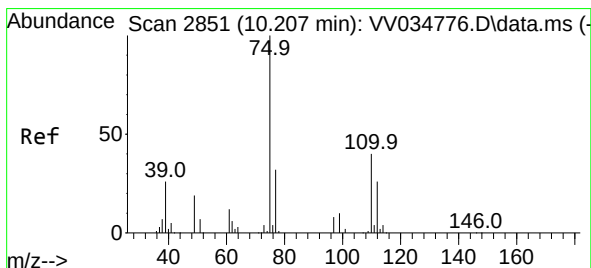
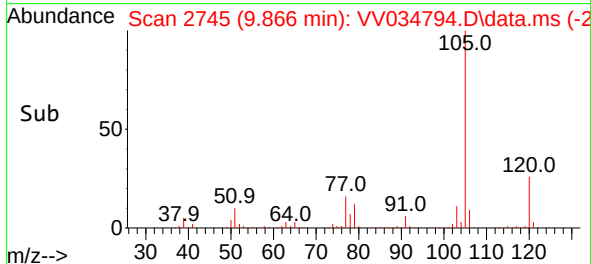
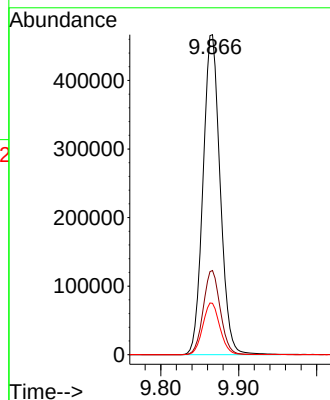
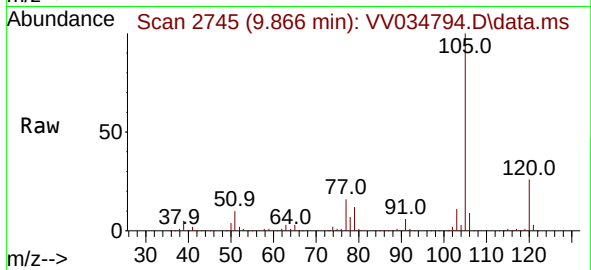




#60
Isopropylbenzene
Concen: 58.426 ug/L
RT: 9.866 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV034794.D
Acq: 21 Mar 2024 17:34

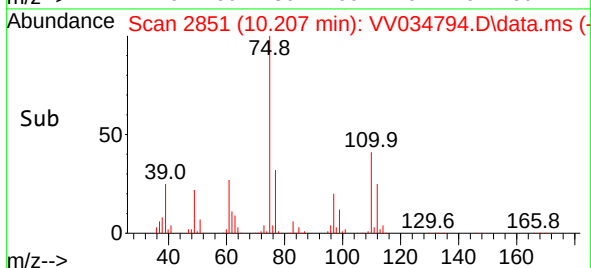
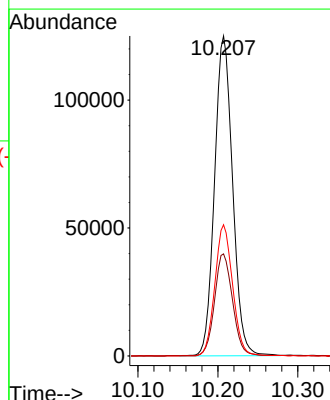
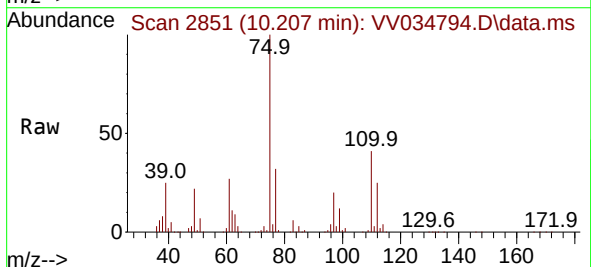
Instrument :
MSVOA_V
ClientSampleId :
E0737MSD

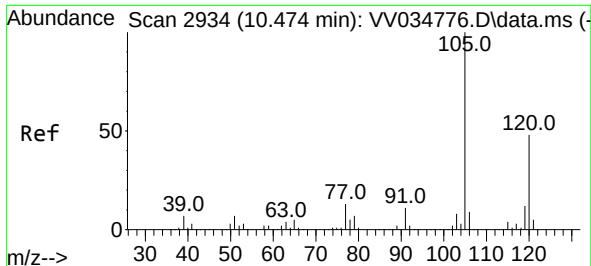
Tgt Ion:105 Resp: 711994
Ion Ratio Lower Upper
105 100
120 26.2 20.8 31.2
77 16.2 13.0 19.6



#61
1,2,3-Trichloropropane
Concen: 59.513 ug/L
RT: 10.207 min Scan# 2851
Delta R.T. 0.000 min
Lab File: VV034794.D
Acq: 21 Mar 2024 17:34

Tgt Ion: 75 Resp: 195745
Ion Ratio Lower Upper
75 100
77 31.5 25.9 38.9
110 40.4 33.1 49.7





#62

1,3,5-Trimethylbenzene

Concen: 58.116 ug/L

RT: 10.474 min Scan# 2934

Delta R.T. 0.000 min

Lab File: VV034794.D

Acq: 21 Mar 2024 17:34

Instrument :

MSVOA_V

ClientSampleId :

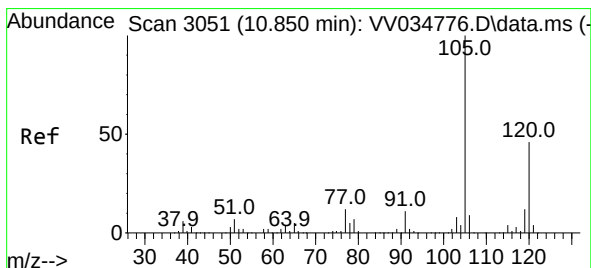
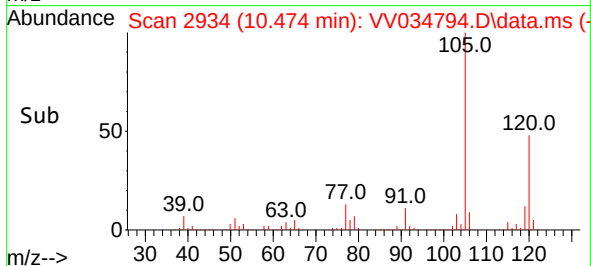
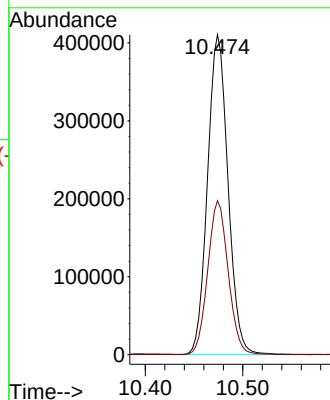
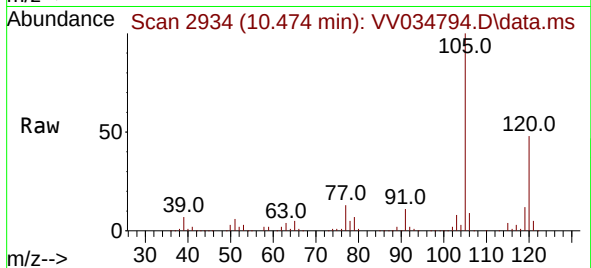
E0737MSD

Tgt Ion:105 Resp: 597420

Ion Ratio Lower Upper

105 100

120 48.2 38.2 57.2



#63

1,2,4-Trimethylbenzene

Concen: 59.076 ug/L

RT: 10.850 min Scan# 3051

Delta R.T. 0.000 min

Lab File: VV034794.D

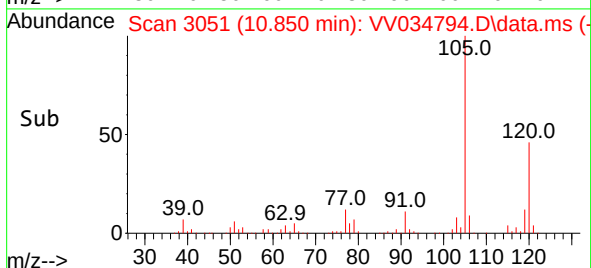
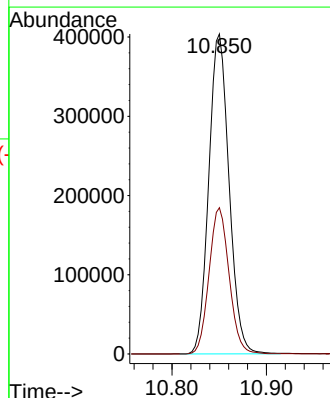
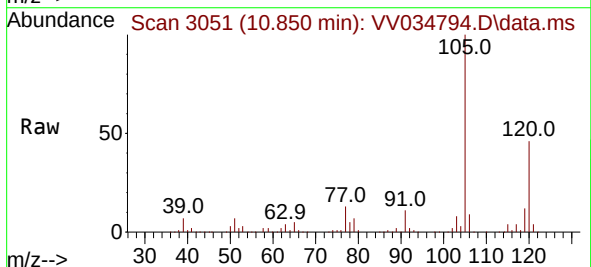
Acq: 21 Mar 2024 17:34

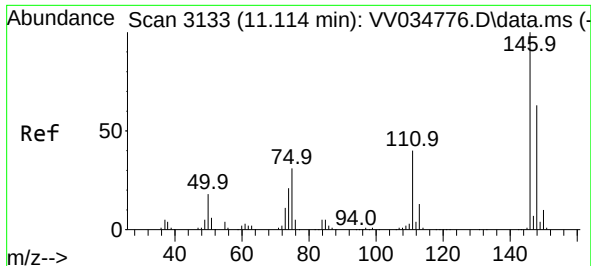
Tgt Ion:105 Resp: 600622

Ion Ratio Lower Upper

105 100

120 45.3 36.2 54.4

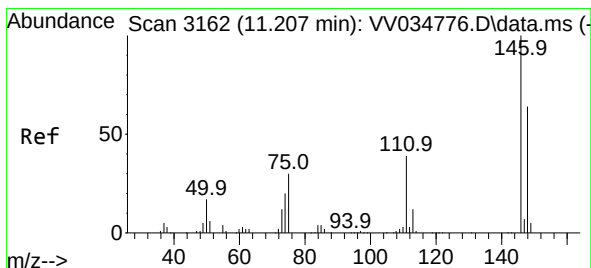
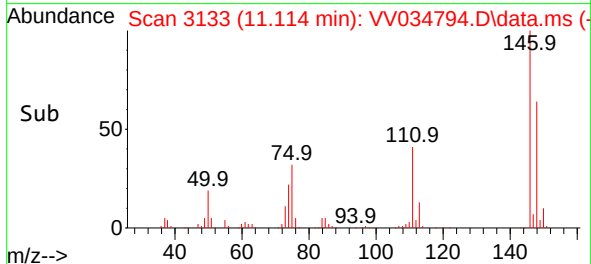
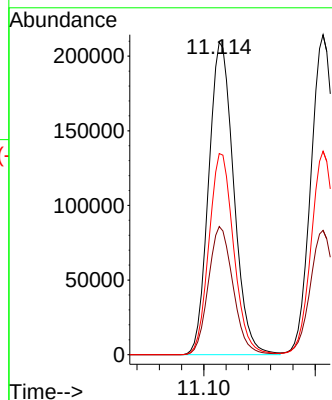
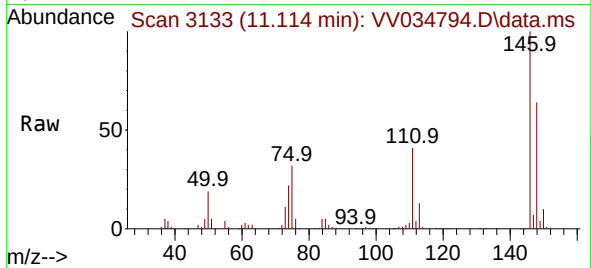




#64
1,3-Dichlorobenzene
Concen: 58.202 ug/L
RT: 11.114 min Scan# 3133
Delta R.T. 0.000 min
Lab File: VV034794.D
Acq: 21 Mar 2024 17:34

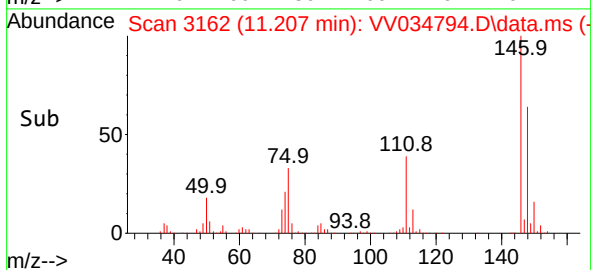
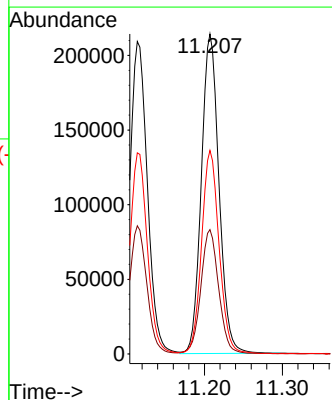
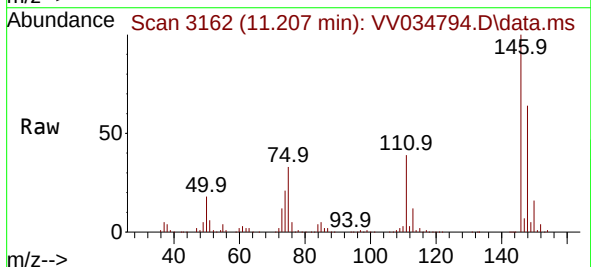
Instrument :
MSVOA_V
ClientSampleId :
E0737MSD

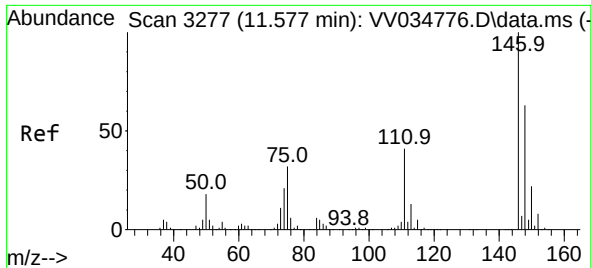
Tgt Ion:146 Resp: 327935
Ion Ratio Lower Upper
146 100
111 41.0 27.9 51.7
148 64.4 44.2 82.0



#65
1,4-Dichlorobenzene
Concen: 58.798 ug/L
RT: 11.207 min Scan# 3162
Delta R.T. 0.000 min
Lab File: VV034794.D
Acq: 21 Mar 2024 17:34

Tgt Ion:146 Resp: 336432
Ion Ratio Lower Upper
146 100
111 38.9 26.5 49.1
148 63.6 44.0 81.8

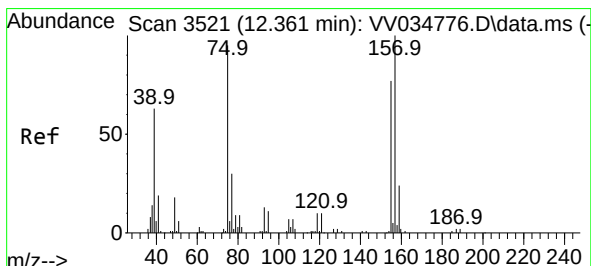
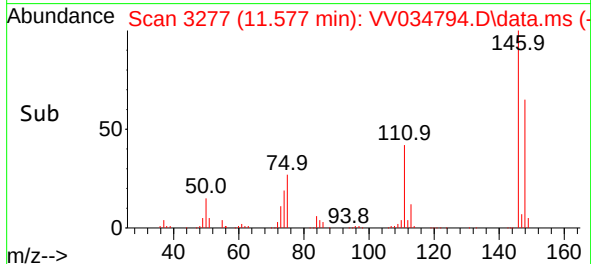
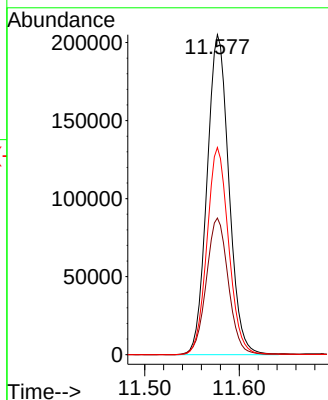
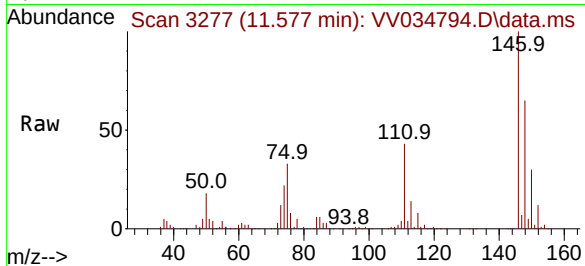




#67
1,2-Dichlorobenzene
Concen: 58.330 ug/L
RT: 11.577 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV034794.D
Acq: 21 Mar 2024 17:34

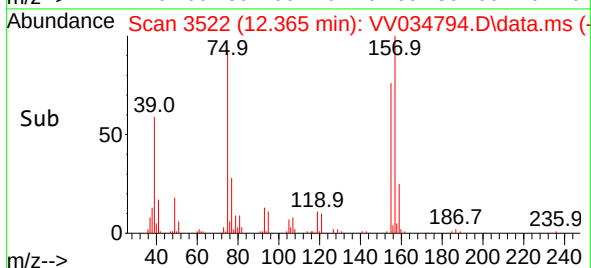
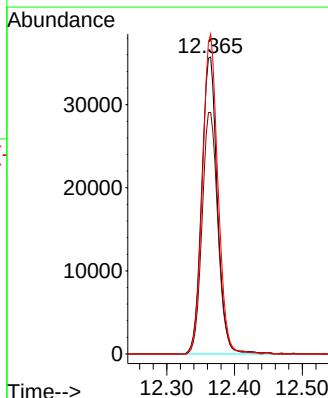
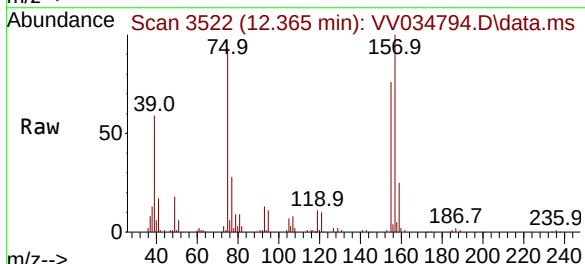
Instrument :
MSVOA_V
ClientSampleId :
E0737MSD

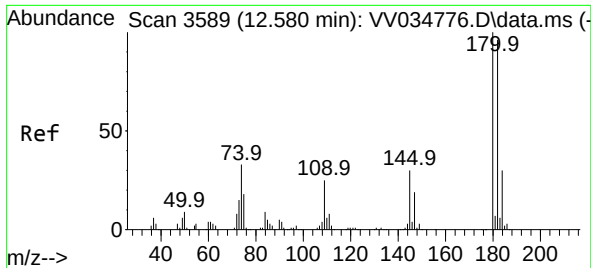
Tgt Ion:146 Resp: 329326
Ion Ratio Lower Upper
146 100
111 42.7 33.8 50.8
148 64.8 51.3 76.9



#68
1,2-Dibromo-3-chloropropane
Concen: 58.591 ug/L
RT: 12.365 min Scan# 3522
Delta R.T. 0.003 min
Lab File: VV034794.D
Acq: 21 Mar 2024 17:34

Tgt Ion: 75 Resp: 57406
Ion Ratio Lower Upper
75 100
155 81.4 63.3 94.9
157 107.8 81.4 122.0

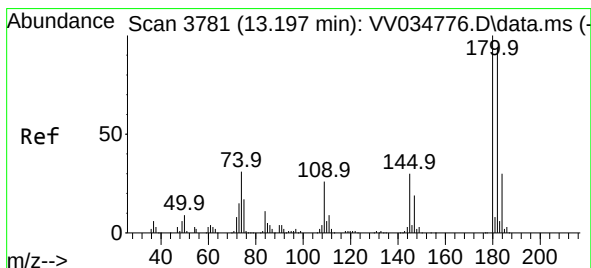
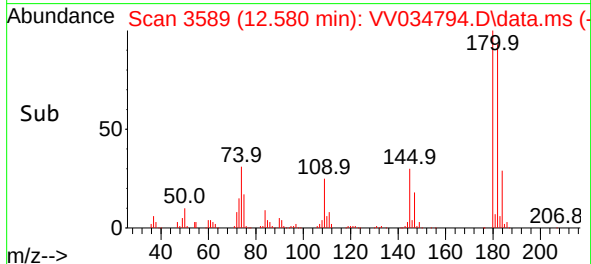
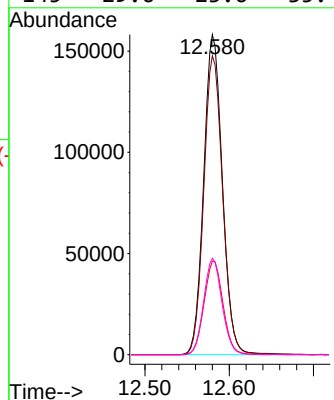
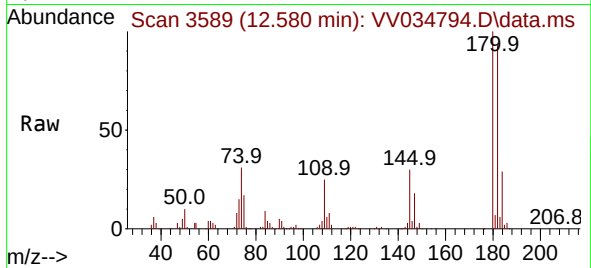




#69
 1,3,5-Trichlorobenzene
 Concen: 57.897 ug/L
 RT: 12.580 min Scan# 3589
 Delta R.T. 0.000 min
 Lab File: VV034794.D
 Acq: 21 Mar 2024 17:34

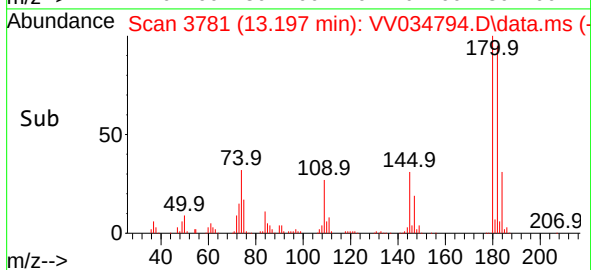
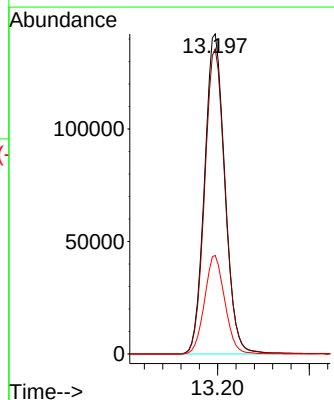
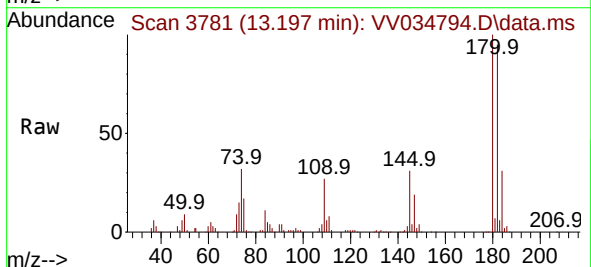
Instrument :
 MSVOA_V
 ClientSampleId :
 E0737MSD

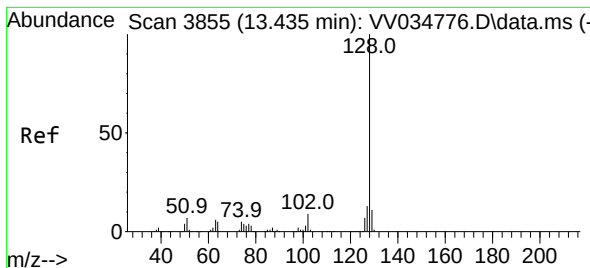
Tgt Ion:	180	Resp:	244725
Ion Ratio	Lower	Upper	
180	100		
182	93.8	74.6	112.0
184	29.5	23.6	35.4
145	29.6	23.6	35.4



#70
 1,2,4-trichlorobenzene
 Concen: 57.641 ug/L
 RT: 13.197 min Scan# 3781
 Delta R.T. 0.000 min
 Lab File: VV034794.D
 Acq: 21 Mar 2024 17:34

Tgt Ion:	180	Resp:	219230
Ion Ratio	Lower	Upper	
180	100		
182	95.6	74.8	112.2
145	30.5	24.2	36.4





#71

Naphthalene

Concen: 57.312 ug/L

RT: 13.435 min Scan# 3855

Delta R.T. 0.000 min

Lab File: VV034794.D

Acq: 21 Mar 2024 17:34

Instrument :

MSVOA_V

ClientSampleId :

E0737MSD

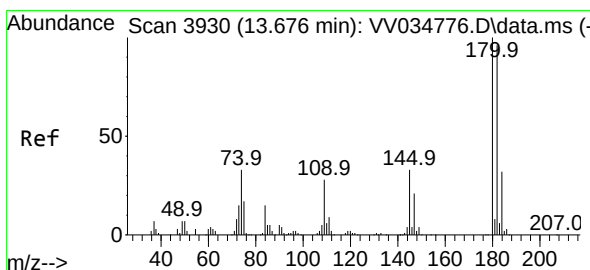
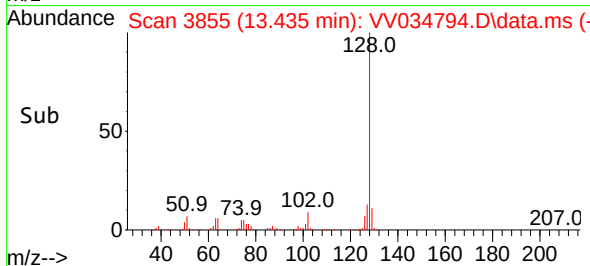
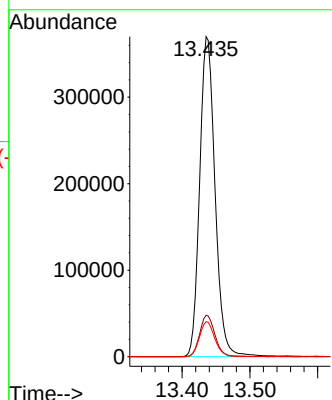
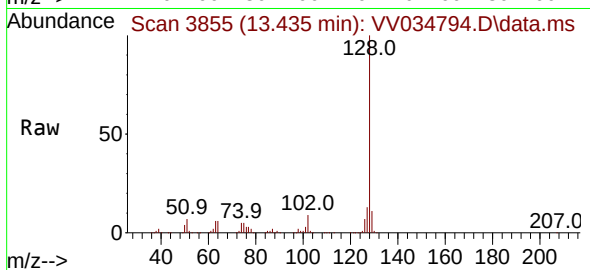
Tgt Ion:128 Resp: 583080

Ion Ratio Lower Upper

128 100

127 12.8 10.3 15.5

129 10.9 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 58.071 ug/L

RT: 13.680 min Scan# 3931

Delta R.T. 0.003 min

Lab File: VV034794.D

Acq: 21 Mar 2024 17:34

Tgt Ion:180 Resp: 215464

Ion Ratio Lower Upper

180 100

182 96.1 75.9 113.9

145 33.0 25.5 38.3

