

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VW020625\
 Data File : VW038636.D
 Acq On : 06 Feb 2025 17:07
 Operator : SY/MD
 Sample : VSTD020
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 11 11:50:08 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR020625WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Feb 11 11:28:39 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	201172	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	207082	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.175	152	117190	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	416036	23.82	ug/L	0.00
7) Chloroethane-d5	1.532	69	303205	21.12	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.053	65	173076	22.20	ug/L	0.00
20) 2-Butanone-d5	3.799	46	851554	243.28	ug/L	0.00
24) Chloroform-d	4.236	84	678822	21.36	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.931	65	317827	22.06	ug/L	0.00
32) Benzene-d6	4.947	84	1333563	22.72	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.976	67	397176	22.48	ug/L	0.00
41) Toluene-d8	7.233	98	1239132	23.58	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.542	79	159552	24.90	ug/L	0.00
46) 2-Hexanone-d5	8.014	63	717234	287.71	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.143	84	323311	23.08	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.551	152	428619	21.35	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	477205	21.27	ug/L	100
3) Chloromethane	1.214	50	424371	18.52	ug/L	100
5) Vinyl chloride	1.282	62	467041	20.17	ug/L	95
6) Bromomethane	1.487	94	241765	21.36	ug/L	98
8) Chloroethane	1.548	64	266497	19.11	ug/L	95
9) Trichlorofluoromethane	1.709	101	627221	21.08	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	359549	21.36	ug/L	100
12) 1,1-Dichloroethene	2.063	96	344104	20.63	ug/L	97
13) Acetone	2.153	43	535994	199.61	ug/L	98
14) Carbon disulfide	2.233	76	1146067	20.52	ug/L	99
15) Methyl Acetate	2.381	43	139526	20.36	ug/L	96
16) Methylene chloride	2.439	84	364818	19.71	ug/L	98
17) Methyl tert-butyl Ether	2.700	73	805571	23.24	ug/L	99
18) trans-1,2-Dichloroethene	2.687	96	364588	21.25	ug/L	96
19) 1,1-Dichloroethane	3.101	63	662344	20.29	ug/L	98
21) 2-Butanone	3.880	43	890096	235.42	ug/L	95
22) cis-1,2-Dichloroethene	3.802	96	387498	22.31	ug/L	96
23) Bromochloromethane	4.137	128	167253	21.19	ug/L	99
25) Chloroform	4.262	83	668727	20.67	ug/L	97
27) 1,2-Dichloroethane	5.031	62	394581	22.07	ug/L	98
29) 1,1,1-Trichloroethane	4.500	97	580325	20.89	ug/L	99
30) Cyclohexane	4.571	56	605014	24.40	ug/L	98
31) Carbon tetrachloride	4.725	117	517277	21.16	ug/L	99
33) Benzene	4.998	78	1457450	22.18	ug/L	100
34) Trichloroethene	5.822	95	376551	22.22	ug/L	97
35) Methylcyclohexane	6.040	83	639816	25.10	ug/L	97
37) 1,2-Dichloropropane	6.082	63	380502	22.70	ug/L	99
38) Bromodichloromethane	6.423	83	471200	21.42	ug/L	99
39) cis-1,3-Dichloropropene	6.944	75	573816	24.79	ug/L	97
40) 4-Methyl-2-pentanone	7.146	43	2179166	249.96	ug/L	97
42) Toluene	7.304	91	1580623	23.03	ug/L	97
44) trans-1,3-Dichloropropene	7.571	75	477003	24.28	ug/L	97

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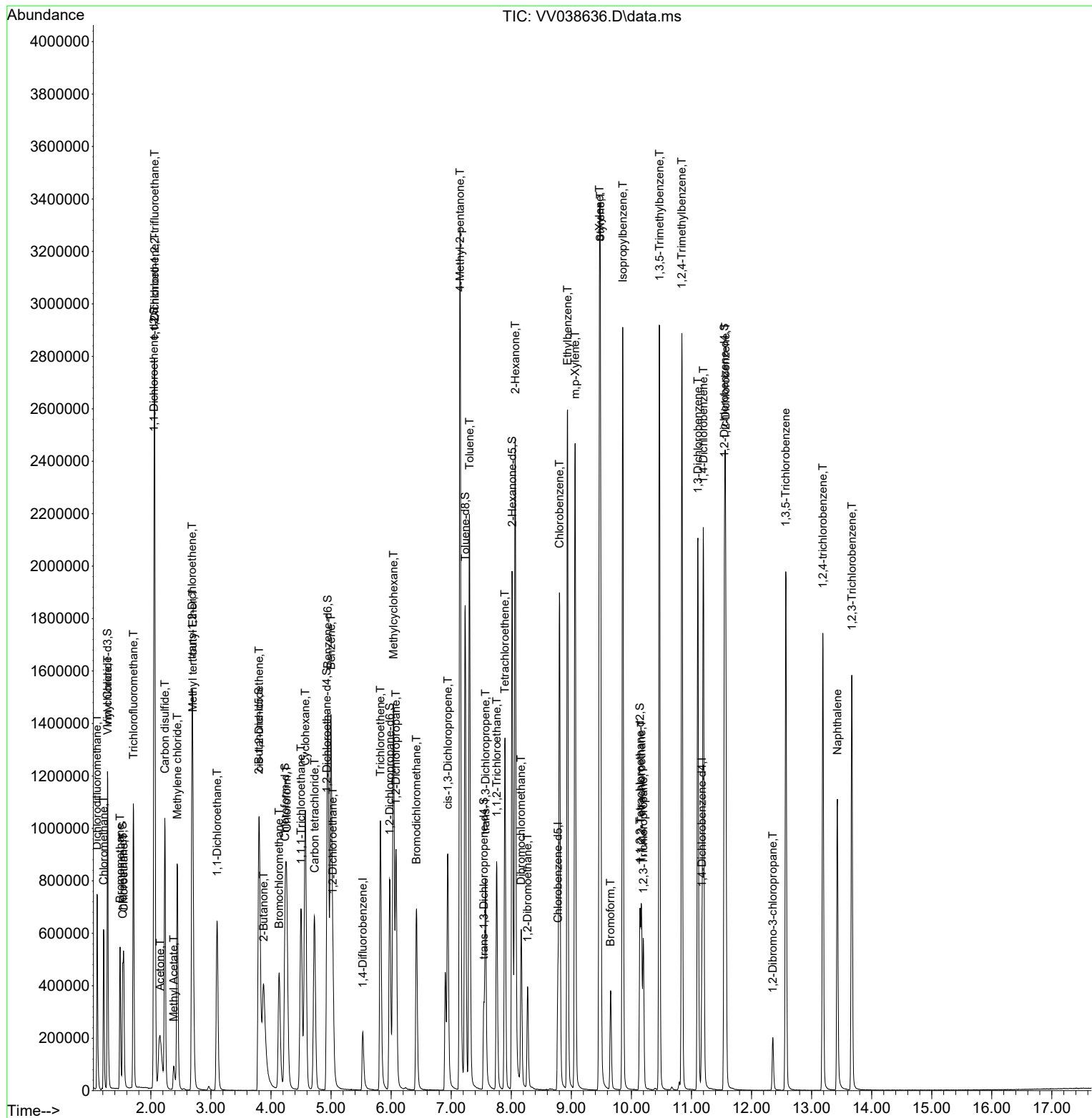
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.757	97	273986	22.36	ug/L	96
47) Tetrachloroethene	7.895	164	284504	21.73	ug/L	95
48) 2-Hexanone	8.066	43	1603760	256.69	ug/L	99
49) Dibromochloromethane	8.166	129	308378	22.03	ug/L	96
50) 1,2-Dibromoethane	8.272	107	258567	22.92	ug/L	97
51) Chlorobenzene	8.802	112	999020	21.86	ug/L	99
52) Ethylbenzene	8.937	91	1784597	24.27	ug/L	100
53) m,p-Xylene	9.063	106	685429	24.72	ug/L	97
54) o-Xylene	9.468	106	662014	25.06	ug/L	99
55) Styrene	9.484	104	1155839	25.09	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.169	83	333718	22.33	ug/L	99
59) Bromoform	9.654	173	164283	20.48	ug/L	98
60) Isopropylbenzene	9.857	105	1816907	23.22	ug/L	99
61) 1,2,3-Trichloropropane	10.198	75	230076	20.58	ug/L	100
62) 1,3,5-Trimethylbenzene	10.468	105	1494450	24.56	ug/L	99
63) 1,2,4-Trimethylbenzene	10.841	105	1495839	24.69	ug/L	99
64) 1,3-Dichlorobenzene	11.108	146	819546	21.23	ug/L	99
65) 1,4-Dichlorobenzene	11.198	146	826675	20.75	ug/L	100
67) 1,2-Dichlorobenzene	11.567	146	759727	21.01	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.355	75	53271	23.71	ug/L	98
69) 1,3,5-Trichlorobenzene	12.571	180	562486	21.54	ug/L	99
70) 1,2,4-trichlorobenzene	13.188	180	487129	24.86	ug/L	100
71) Naphthalene	13.429	128	863041	29.34	ug/L	98
72) 1,2,3-Trichlorobenzene	13.670	180	450622	26.50	ug/L	99

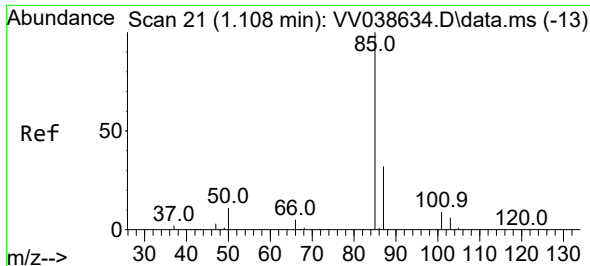
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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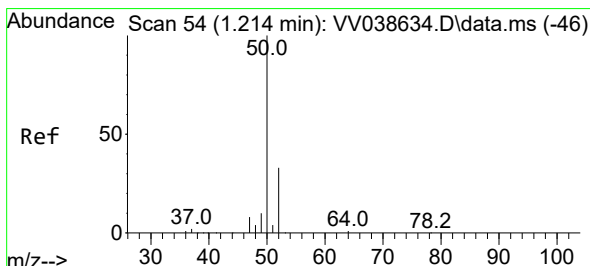
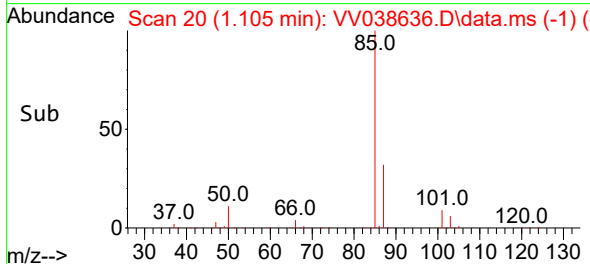
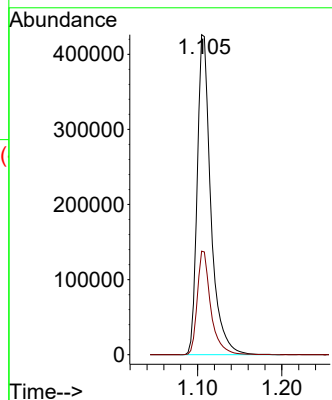
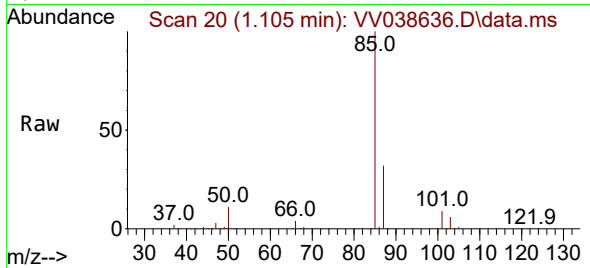




#2
 Dichlorodifluoromethane
 Concen: 21.27 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. -0.003 min
 Lab File: VV038636.D
 Acq: 06 Feb 2025 17:07

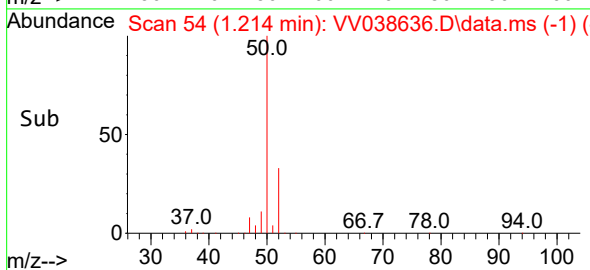
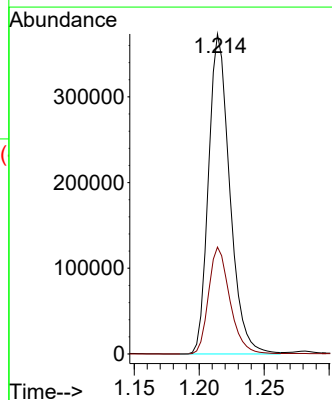
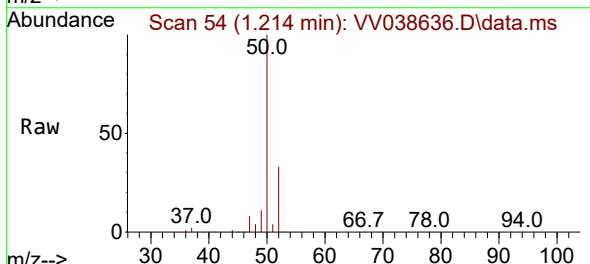
Instrument :
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 ClientSampleId :

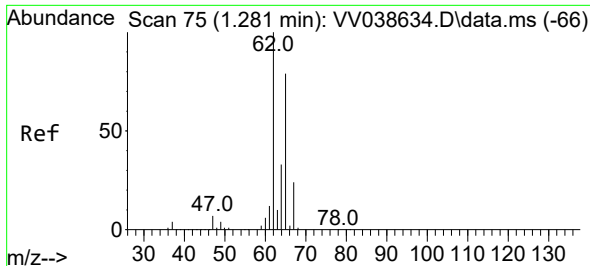
Tgt Ion: 85 Resp: 477205
 Ion Ratio Lower Upper
 85 100
 87 32.2 25.5 38.3



#3
 Chloromethane
 Concen: 18.52 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. 0.000 min
 Lab File: VV038636.D
 Acq: 06 Feb 2025 17:07

Tgt Ion: 50 Resp: 424371
 Ion Ratio Lower Upper
 50 100
 52 33.4 23.2 43.2

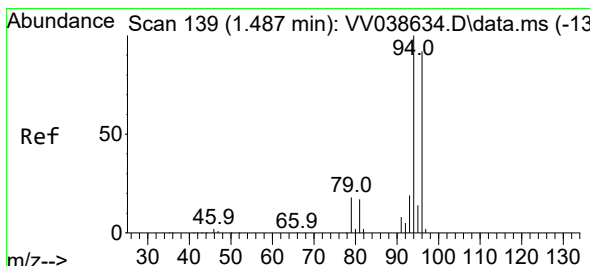
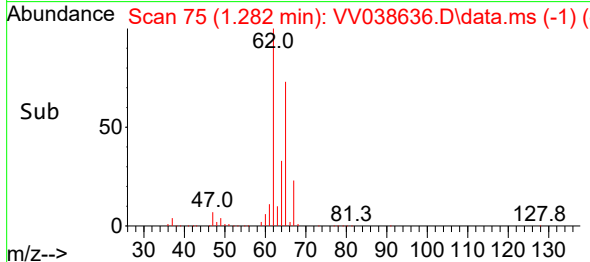
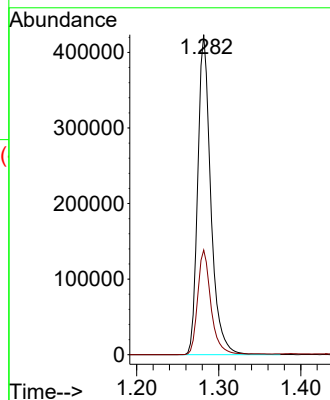
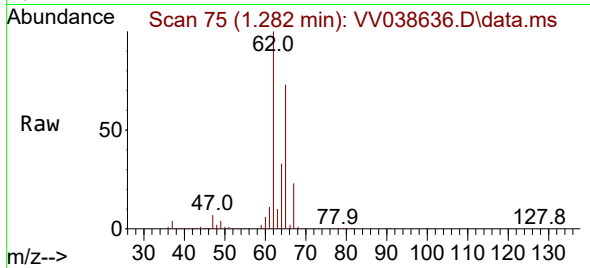




#5
 Vinyl chloride
 Concen: 20.17 ug/L
 RT: 1.282 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VV038636.D
 Acq: 06 Feb 2025 17:07

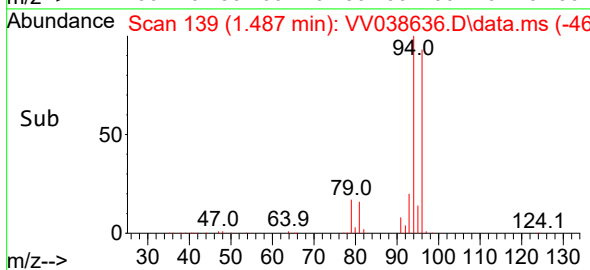
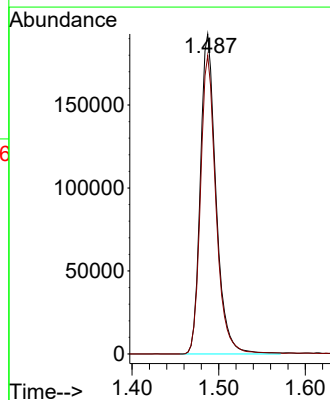
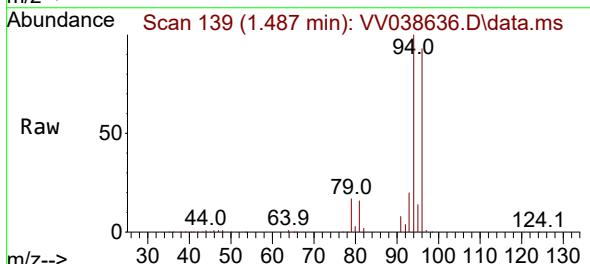
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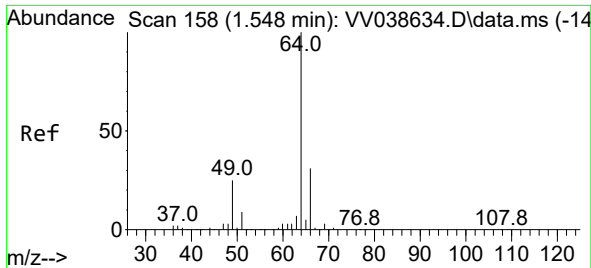
Tgt Ion: 62 Resp: 467041
 Ion Ratio Lower Upper
 62 100
 64 32.7 25.0 46.4



#6
 Bromomethane
 Concen: 21.36 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. 0.000 min
 Lab File: VV038636.D
 Acq: 06 Feb 2025 17:07

Tgt Ion: 94 Resp: 241765
 Ion Ratio Lower Upper
 94 100
 96 93.3 64.3 119.3

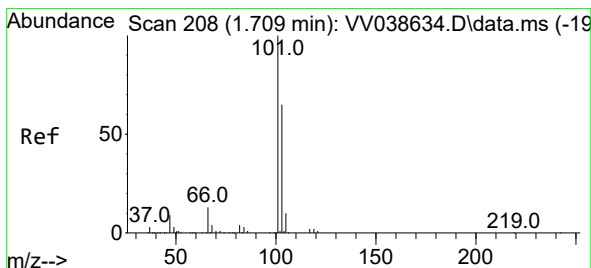
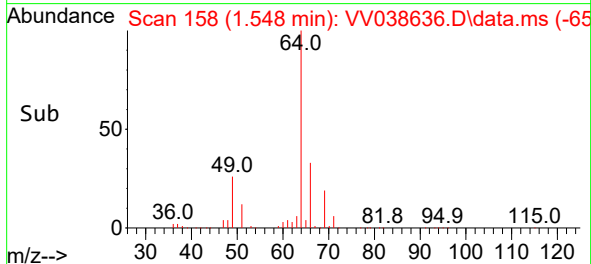
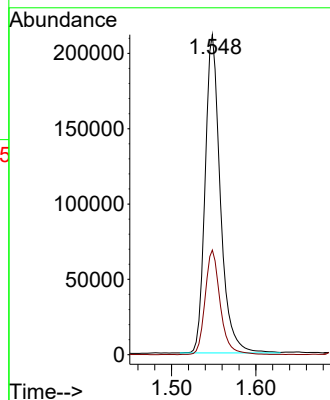
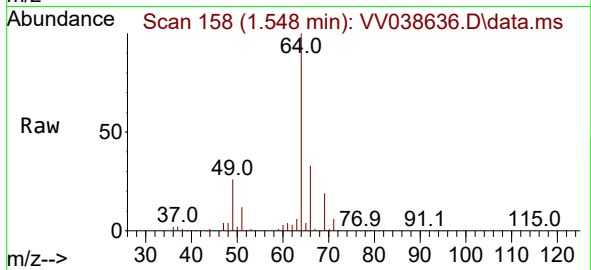




#8
Chloroethane
Concen: 19.11 ug/L
RT: 1.548 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV038636.D
Acq: 06 Feb 2025 17:07

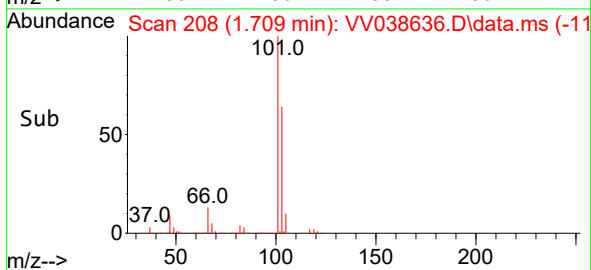
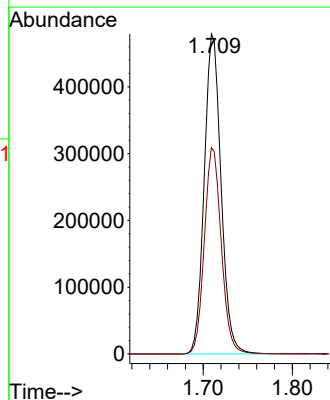
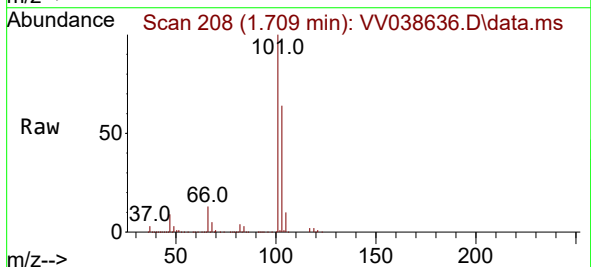
Instrument :
MSVOA_V
ClientSampleId :

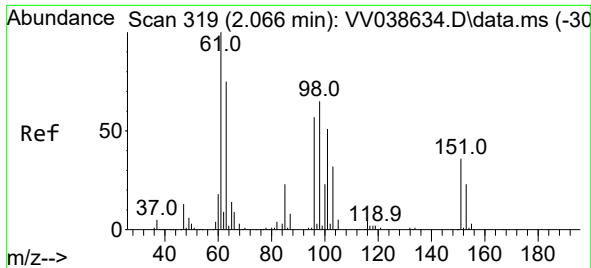
Tgt Ion: 64 Resp: 266497
Ion Ratio Lower Upper
64 100
66 32.7 20.9 38.7



#9
Trichlorofluoromethane
Concen: 21.08 ug/L
RT: 1.709 min Scan# 208
Delta R.T. 0.000 min
Lab File: VV038636.D
Acq: 06 Feb 2025 17:07

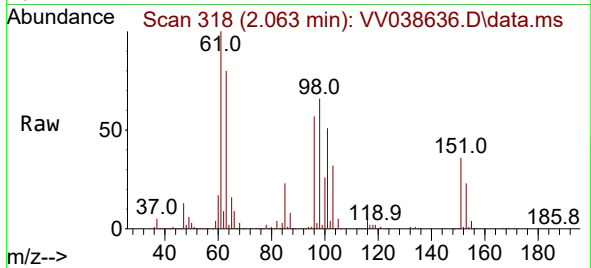
Tgt Ion:101 Resp: 627221
Ion Ratio Lower Upper
101 100
103 64.9 52.4 78.6



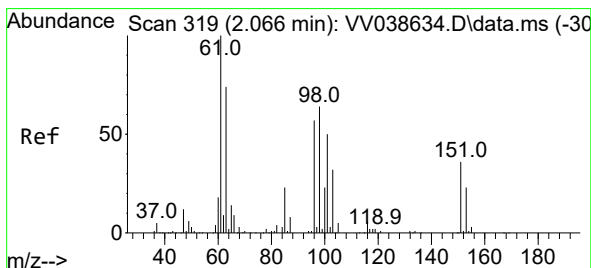
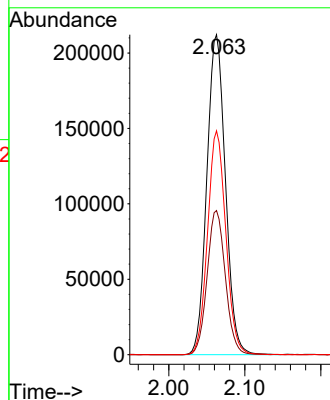
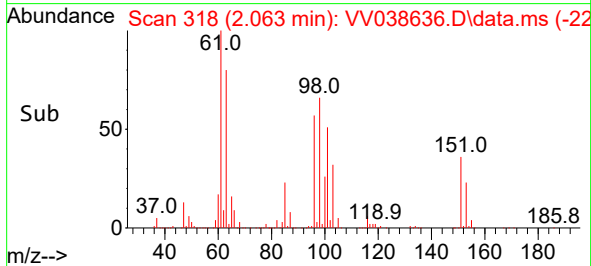


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 21.36 ug/L
RT: 2.063 min Scan# 318
Delta R.T. -0.003 min
Lab File: VV038636.D
Acq: 06 Feb 2025 17:07

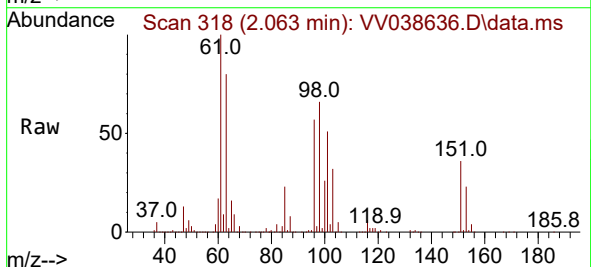
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ClientSampleId :



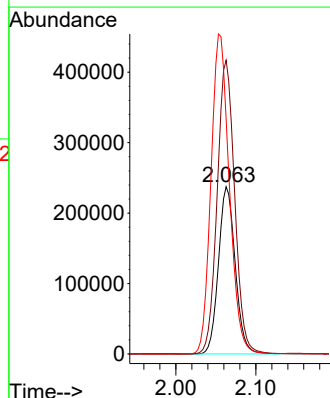
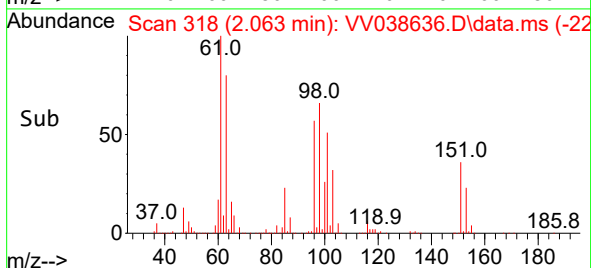
Tgt Ion:101 Resp: 359549
Ion Ratio Lower Upper
101 100
85 44.3 35.0 52.4
151 68.8 55.1 82.7

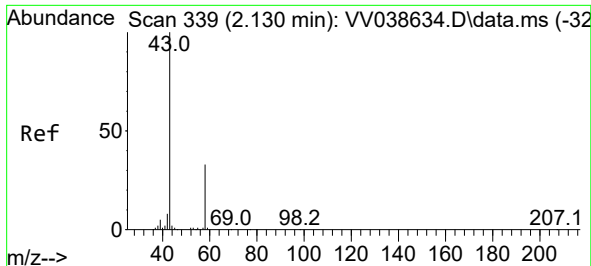


#12
1,1-Dichloroethene
Concen: 20.63 ug/L
RT: 2.063 min Scan# 318
Delta R.T. -0.003 min
Lab File: VV038636.D
Acq: 06 Feb 2025 17:07



Tgt Ion: 96 Resp: 344104
Ion Ratio Lower Upper
96 100
61 175.6 122.8 228.1
63 140.6 92.0 170.8

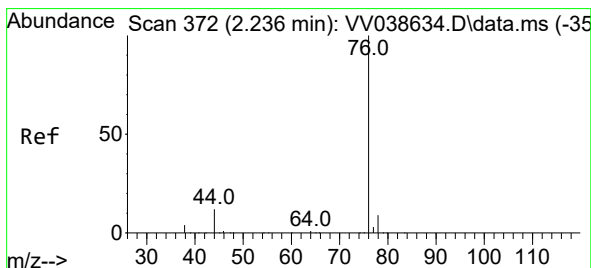
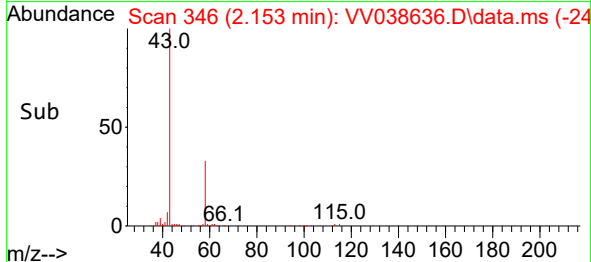
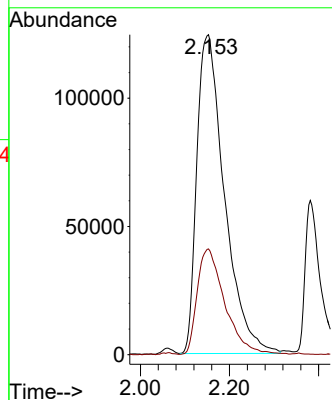
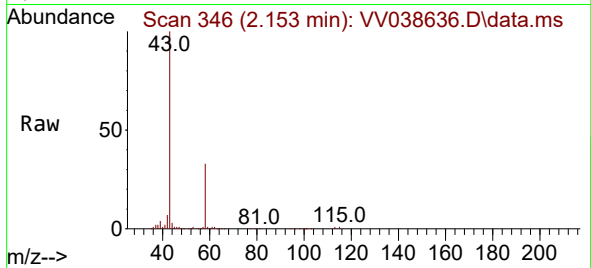




#13
Acetone
Concen: 199.61 ug/L
RT: 2.153 min Scan# 34
Delta R.T. 0.023 min
Lab File: VV038636.D
Acq: 06 Feb 2025 17:07

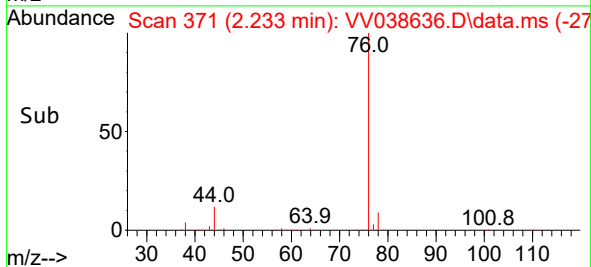
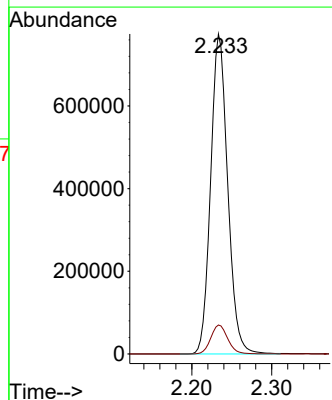
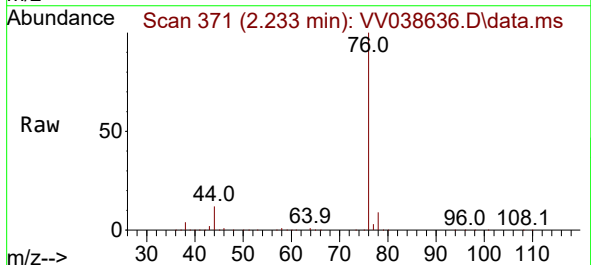
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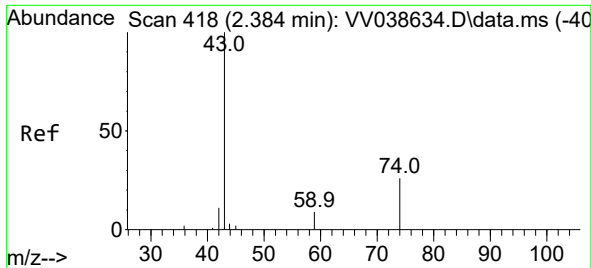
Tgt Ion: 43 Resp: 535994
Ion Ratio Lower Upper
43 100
58 32.6 0.0 67.4



#14
Carbon disulfide
Concen: 20.52 ug/L
RT: 2.233 min Scan# 371
Delta R.T. -0.003 min
Lab File: VV038636.D
Acq: 06 Feb 2025 17:07

Tgt Ion: 76 Resp: 1146067
Ion Ratio Lower Upper
76 100
78 9.1 7.5 11.3

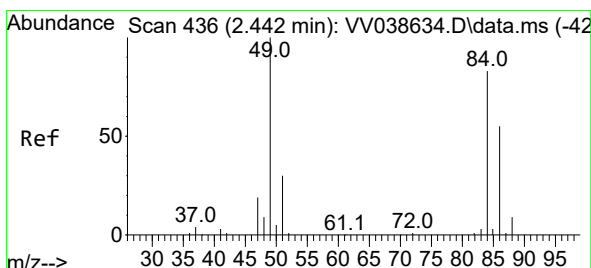
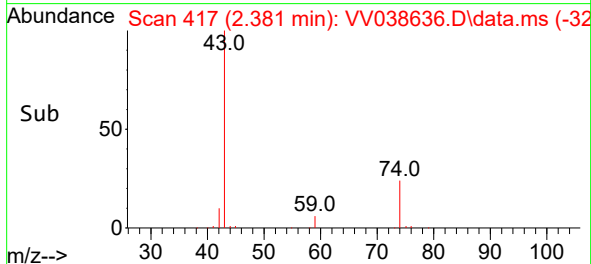
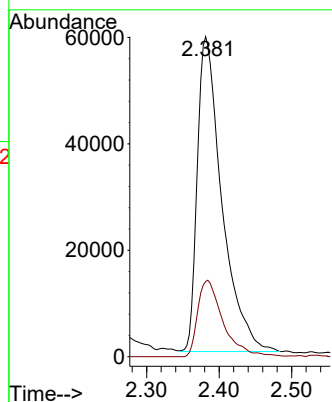
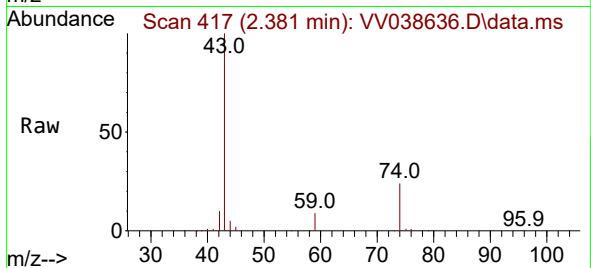




#15
Methyl Acetate
Concen: 20.36 ug/L
RT: 2.381 min Scan# 418
Delta R.T. -0.003 min
Lab File: VV038636.D
Acq: 06 Feb 2025 17:07

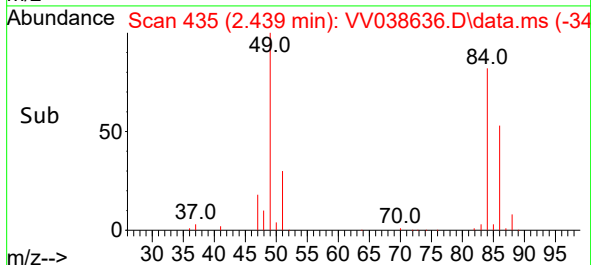
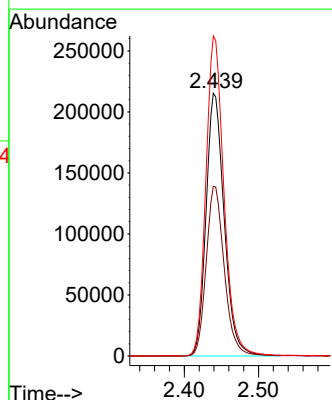
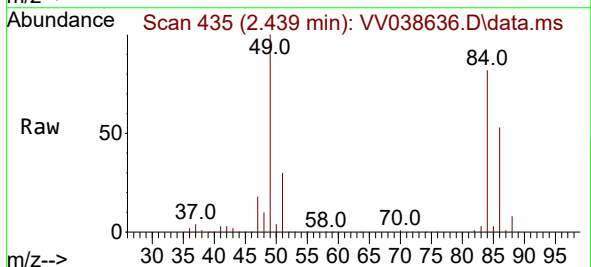
Instrument :
MSVOA_V
ClientSampleId :

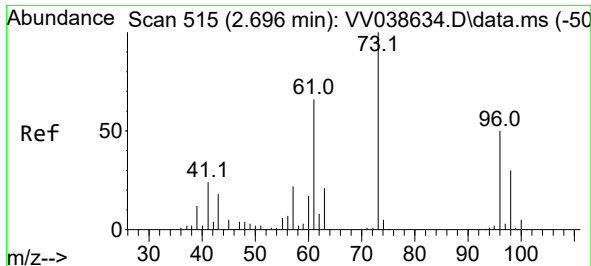
Tgt Ion: 43 Resp: 139526
Ion Ratio Lower Upper
43 100
74 25.0 18.6 27.8



#16
Methylene chloride
Concen: 19.71 ug/L
RT: 2.439 min Scan# 435
Delta R.T. -0.003 min
Lab File: VV038636.D
Acq: 06 Feb 2025 17:07

Tgt Ion: 84 Resp: 364818
Ion Ratio Lower Upper
84 100
86 64.5 46.0 85.4
49 121.8 83.9 155.9





#17

Methyl tert-butyl Ether

Concen: 23.24 ug/L

RT: 2.700 min Scan# 51

Delta R.T. 0.003 min

Lab File: VV038636.D

Acq: 06 Feb 2025 17:07

Instrument :

MSVOA_V

ClientSampleId :

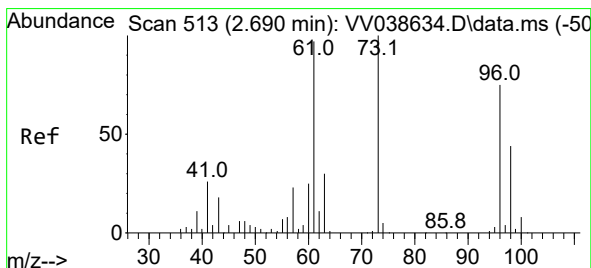
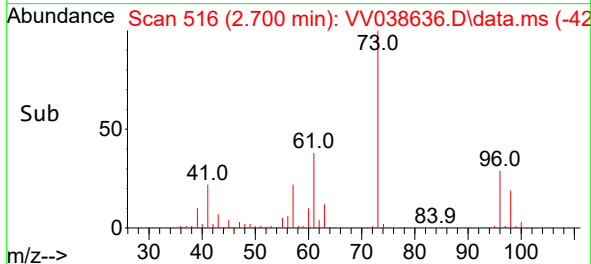
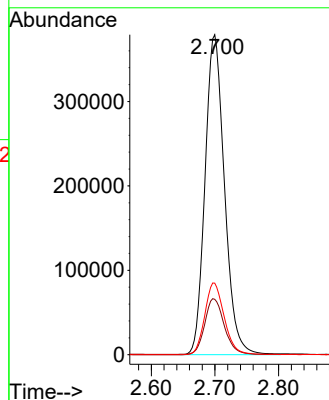
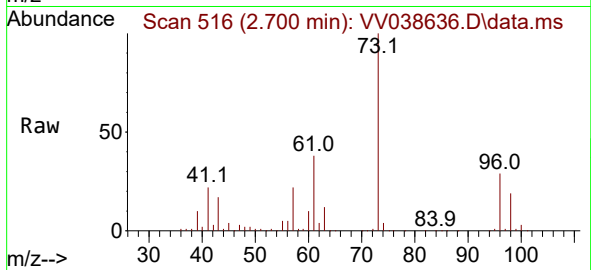
Tgt Ion: 73 Resp: 805571

Ion Ratio Lower Upper

73 100

43 17.4 14.6 22.0

57 22.5 18.2 27.2



#18

trans-1,2-Dichloroethene

Concen: 21.25 ug/L

RT: 2.687 min Scan# 512

Delta R.T. -0.003 min

Lab File: VV038636.D

Acq: 06 Feb 2025 17:07

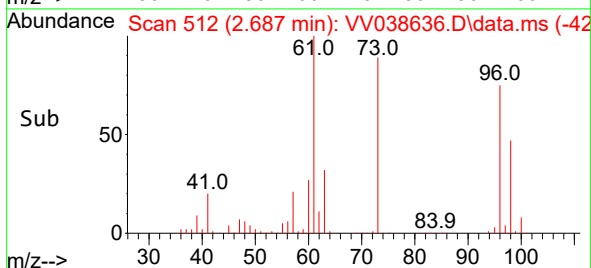
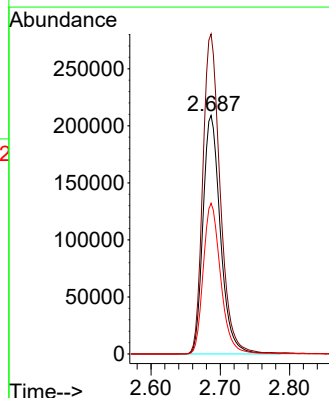
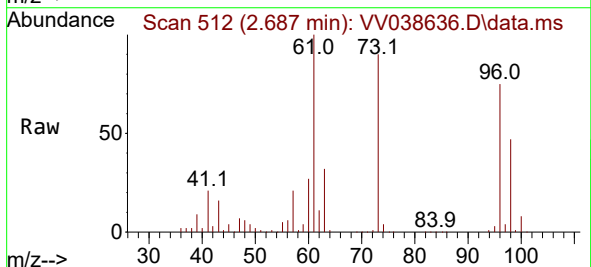
Tgt Ion: 96 Resp: 364588

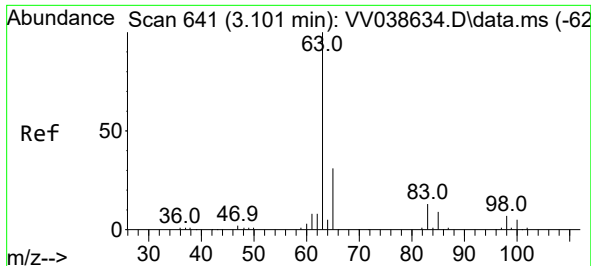
Ion Ratio Lower Upper

96 100

61 134.2 91.4 169.8

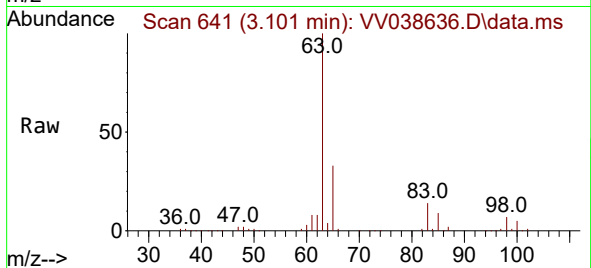
98 63.2 41.6 77.2



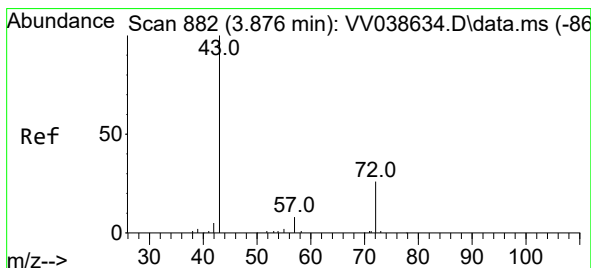
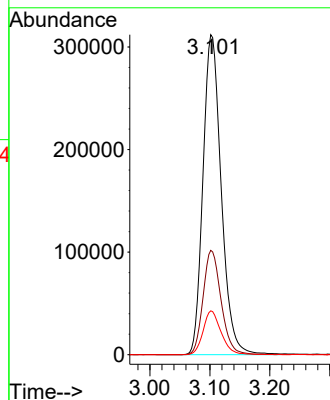
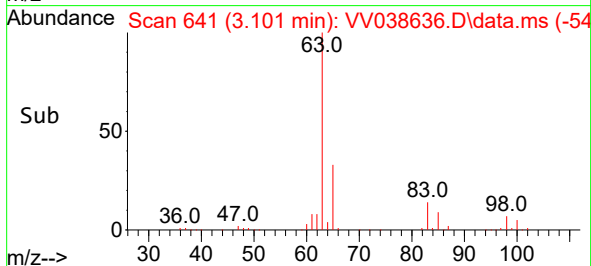


#19
1,1-Dichloroethane
Concen: 20.29 ug/L
RT: 3.101 min Scan# 641
Delta R.T. 0.000 min
Lab File: VV038636.D
Acq: 06 Feb 2025 17:07

Instrument :
MSVOA_V
ClientSampleId :

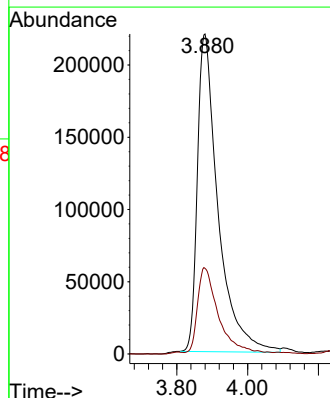
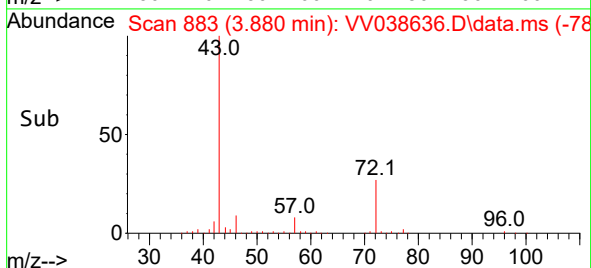
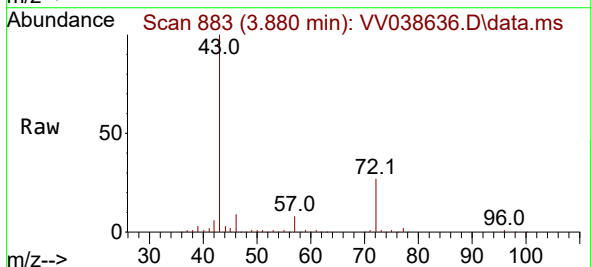


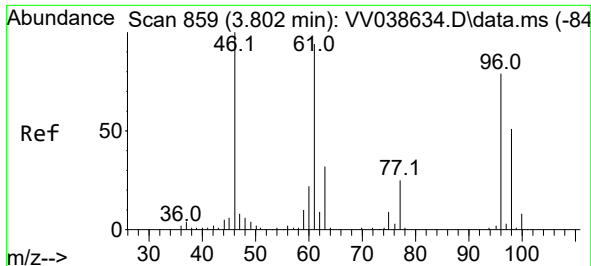
Tgt Ion: 63 Resp: 662344
Ion Ratio Lower Upper
63 100
65 32.6 21.8 40.4
83 13.7 9.2 17.2



#21
2-Butanone
Concen: 235.42 ug/L
RT: 3.880 min Scan# 883
Delta R.T. 0.003 min
Lab File: VV038636.D
Acq: 06 Feb 2025 17:07

Tgt Ion: 43 Resp: 890096
Ion Ratio Lower Upper
43 100
72 26.3 11.9 35.5

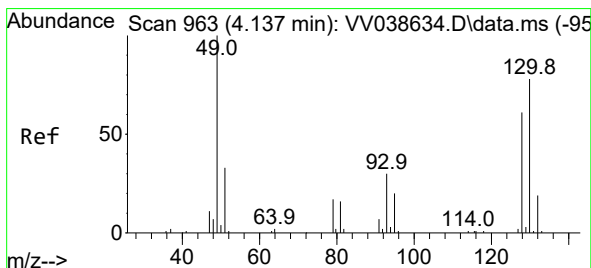
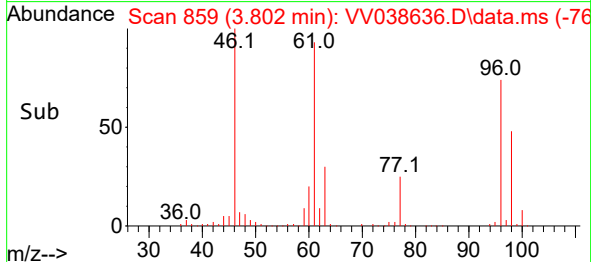
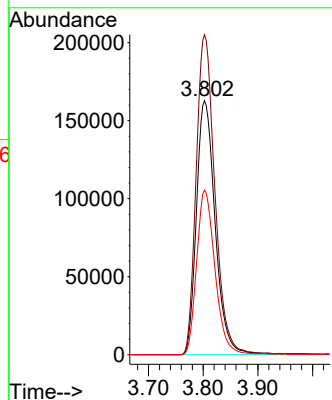
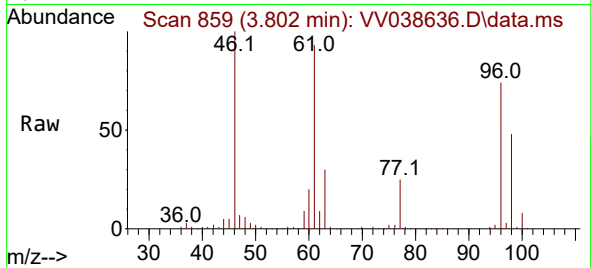




#22
 cis-1,2-Dichloroethene
 Concen: 22.31 ug/L
 RT: 3.802 min Scan# 859
 Delta R.T. 0.000 min
 Lab File: VV038636.D
 Acq: 06 Feb 2025 17:07

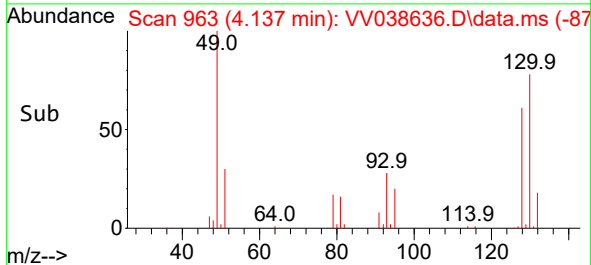
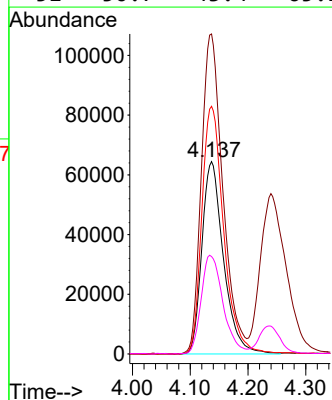
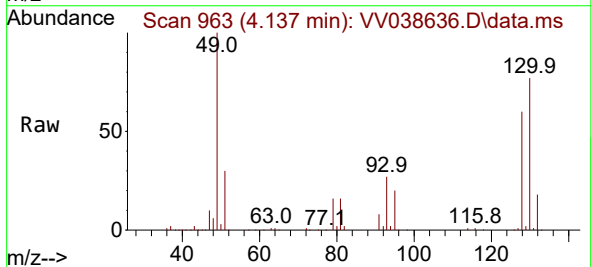
Instrument :
 MSVOA_V
 ClientSampleId :

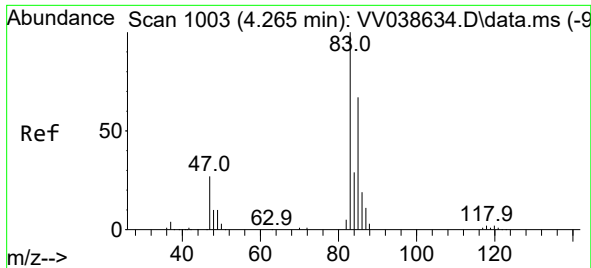
Tgt Ion: 96 Resp: 387498
 Ion Ratio Lower Upper
 96 100
 61 125.9 83.6 155.2
 98 64.8 45.6 84.8



#23
 Bromochloromethane
 Concen: 21.19 ug/L
 RT: 4.137 min Scan# 963
 Delta R.T. 0.000 min
 Lab File: VV038636.D
 Acq: 06 Feb 2025 17:07

Tgt Ion:128 Resp: 167253
 Ion Ratio Lower Upper
 128 100
 49 166.3 116.0 215.4
 130 128.8 90.2 167.6
 51 50.7 43.4 65.2

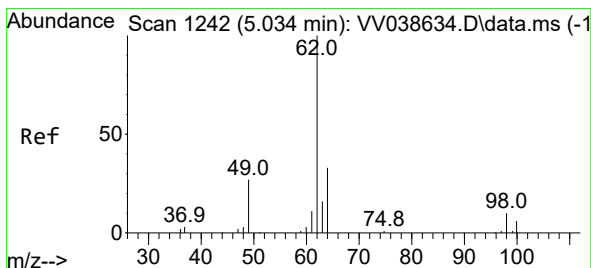
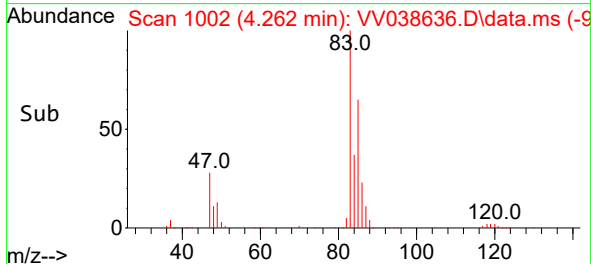
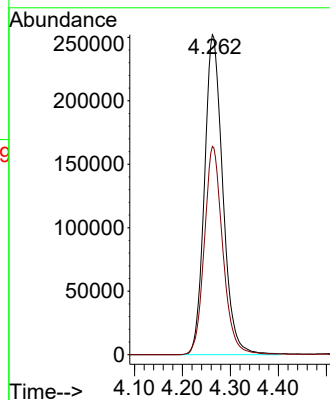
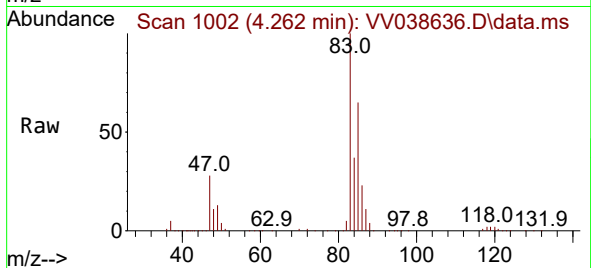




#25
Chloroform
Concen: 20.67 ug/L
RT: 4.262 min Scan# 1003
Delta R.T. -0.003 min
Lab File: VV038636.D
Acq: 06 Feb 2025 17:07

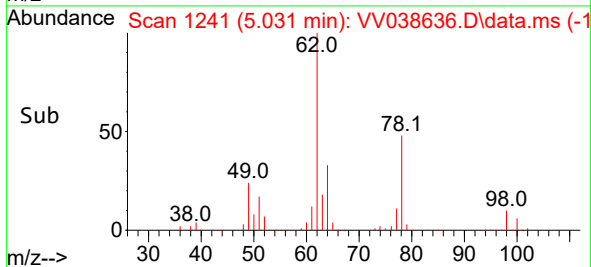
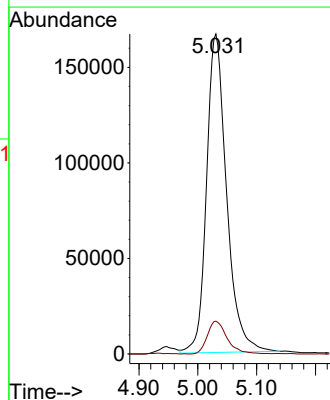
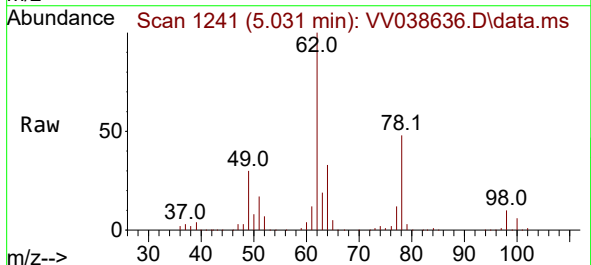
Instrument :
MSVOA_V
ClientSampleId :

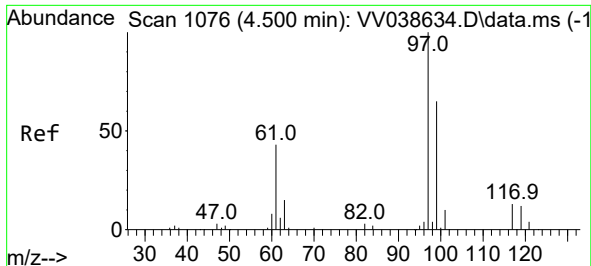
Tgt Ion: 83 Resp: 668727
Ion Ratio Lower Upper
83 100
85 65.1 47.2 87.6



#27
1,2-Dichloroethane
Concen: 22.07 ug/L
RT: 5.031 min Scan# 1241
Delta R.T. -0.003 min
Lab File: VV038636.D
Acq: 06 Feb 2025 17:07

Tgt Ion: 62 Resp: 394581
Ion Ratio Lower Upper
62 100
98 10.2 7.7 11.5





#29

1,1,1-Trichloroethane

Concen: 20.89 ug/L

RT: 4.500 min Scan# 1076

Delta R.T. 0.000 min

Lab File: VV038636.D

Acq: 06 Feb 2025 17:07

Instrument :

MSVOA_V

ClientSampleId :

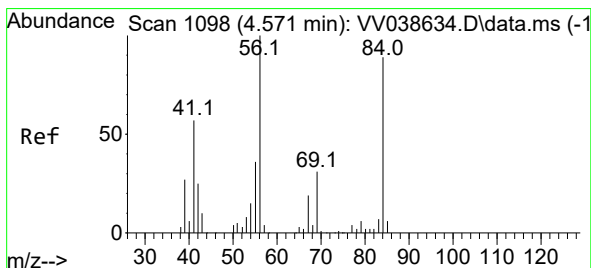
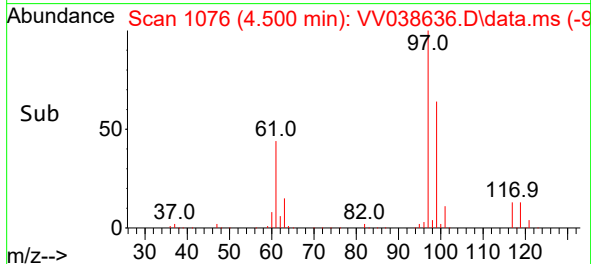
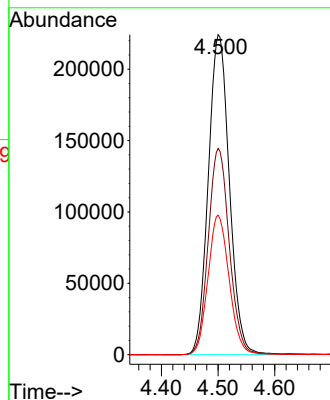
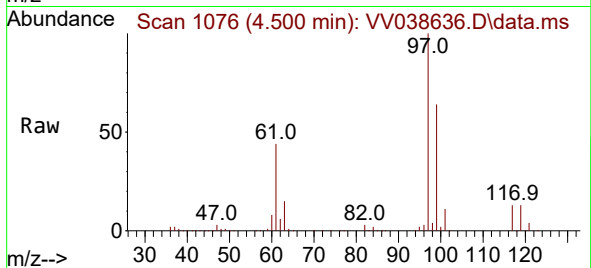
Tgt Ion: 97 Resp: 580325

Ion Ratio Lower Upper

97 100

99 64.1 50.9 76.3

61 43.9 35.8 53.6



#30

Cyclohexane

Concen: 24.40 ug/L

RT: 4.571 min Scan# 1098

Delta R.T. 0.000 min

Lab File: VV038636.D

Acq: 06 Feb 2025 17:07

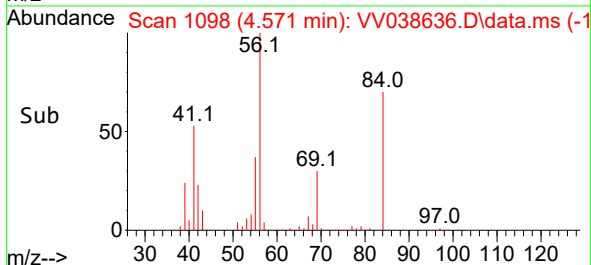
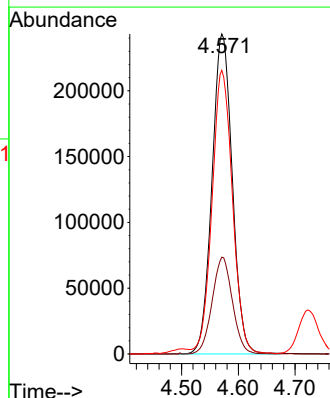
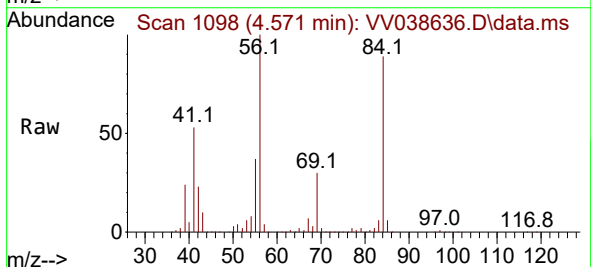
Tgt Ion: 56 Resp: 605014

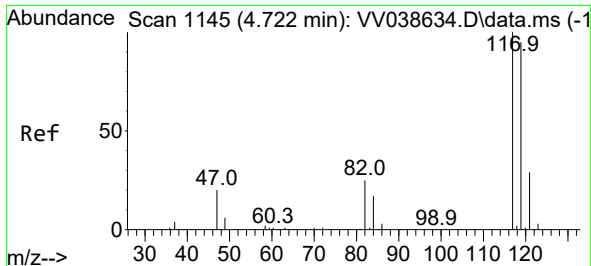
Ion Ratio Lower Upper

56 100

69 30.2 24.0 36.0

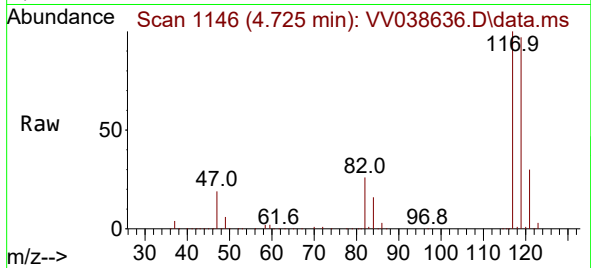
84 88.6 72.7 109.1



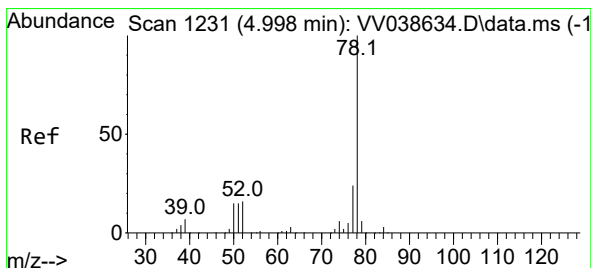
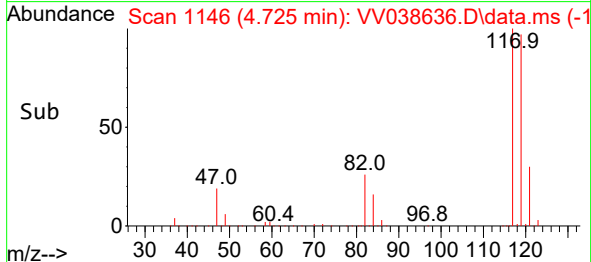
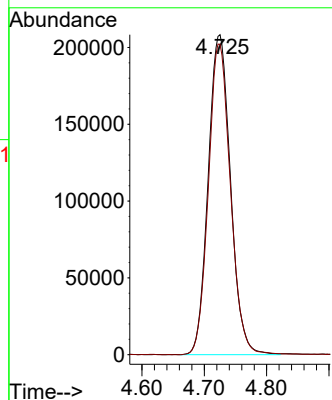


#31
Carbon tetrachloride
Concen: 21.16 ug/L
RT: 4.725 min Scan# 1145
Delta R.T. 0.003 min
Lab File: VV038636.D
Acq: 06 Feb 2025 17:07

Instrument :
MSVOA_V
ClientSampleId :

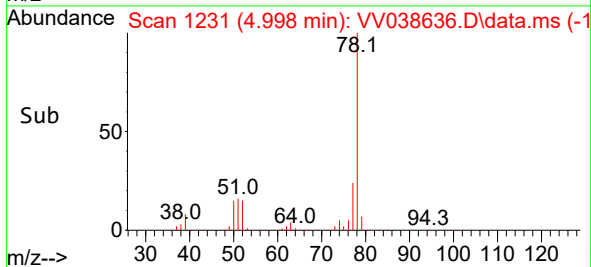
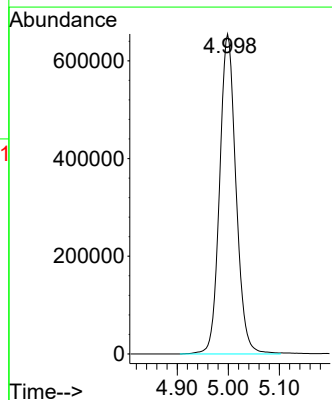
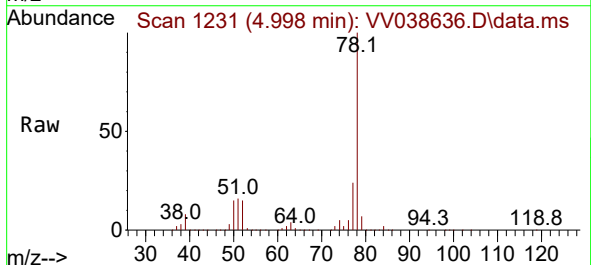


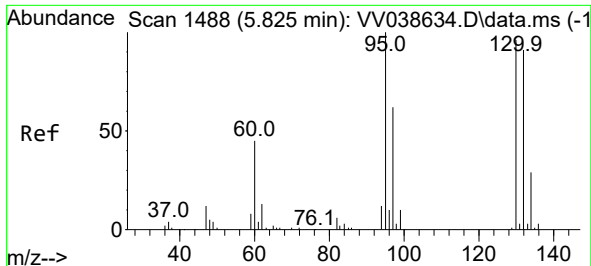
Tgt Ion:117 Resp: 517277
Ion Ratio Lower Upper
117 100
119 96.2 76.5 114.7



#33
Benzene
Concen: 22.18 ug/L
RT: 4.998 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VV038636.D
Acq: 06 Feb 2025 17:07

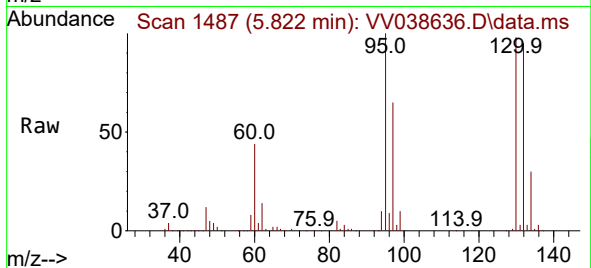
Tgt Ion: 78 Resp: 1457450



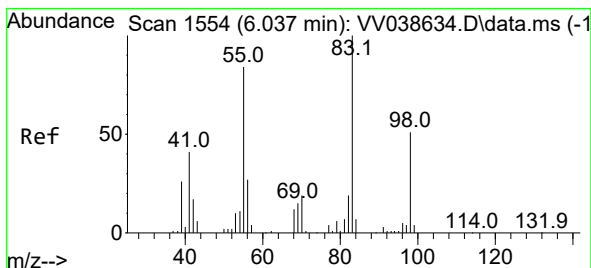
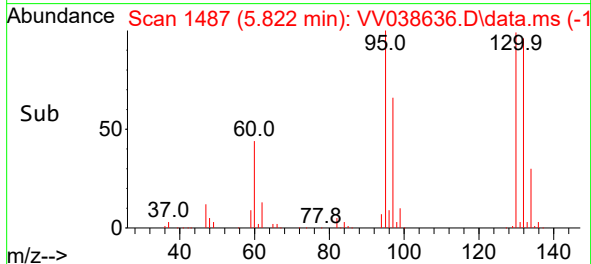
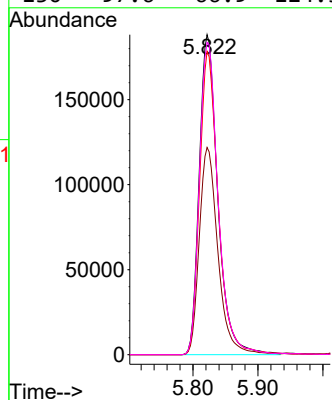


#34
Trichloroethene
Concen: 22.22 ug/L
RT: 5.822 min Scan# 1488
Delta R.T. -0.003 min
Lab File: VV038636.D
Acq: 06 Feb 2025 17:07

Instrument :
MSVOA_V
ClientSampleId :

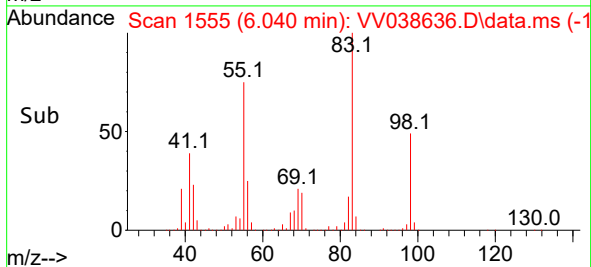
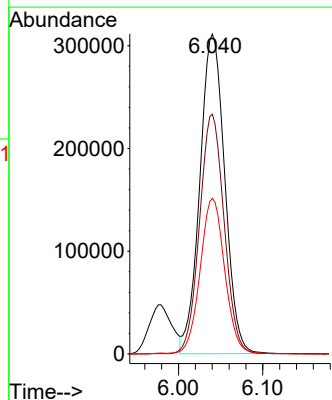
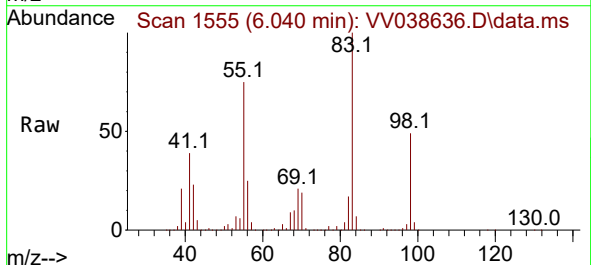


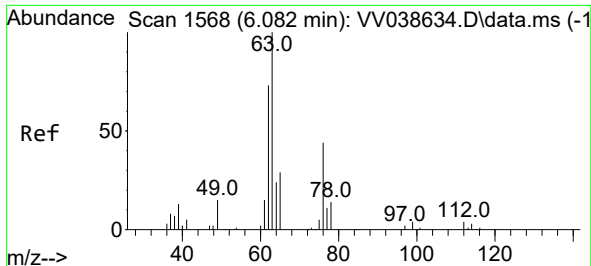
Tgt Ion: 95 Resp: 376551
Ion Ratio Lower Upper
95 100
97 64.8 43.5 80.9
132 94.8 64.0 118.8
130 97.6 66.9 124.3



#35
Methylcyclohexane
Concen: 25.10 ug/L
RT: 6.040 min Scan# 1555
Delta R.T. 0.003 min
Lab File: VV038636.D
Acq: 06 Feb 2025 17:07

Tgt Ion: 83 Resp: 639816
Ion Ratio Lower Upper
83 100
55 73.8 62.6 94.0
98 47.9 38.7 58.1





#37

1,2-Dichloropropane

Concen: 22.70 ug/L

RT: 6.082 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV038636.D

Acq: 06 Feb 2025 17:07

Instrument :

MSVOA_V

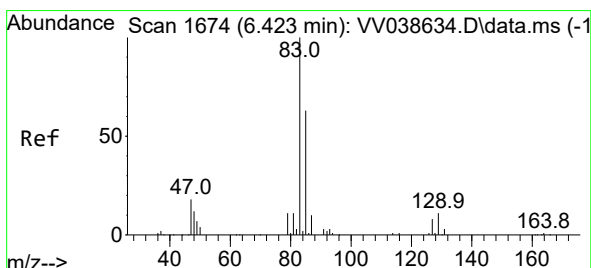
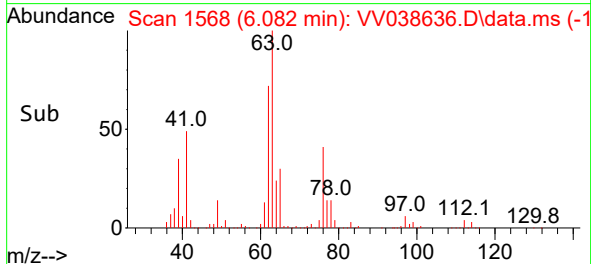
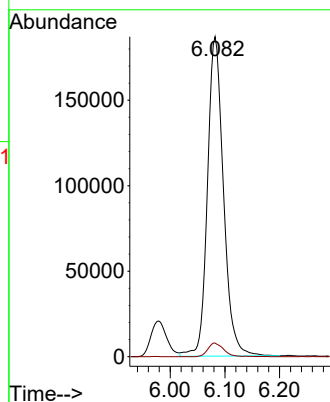
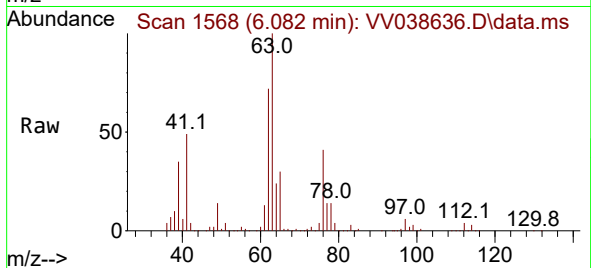
ClientSampleId :

Tgt Ion: 63 Resp: 380502

Ion Ratio Lower Upper

63 100

112 4.2 3.6 5.4



#38

Bromodichloromethane

Concen: 21.42 ug/L

RT: 6.423 min Scan# 1674

Delta R.T. 0.000 min

Lab File: VV038636.D

Acq: 06 Feb 2025 17:07

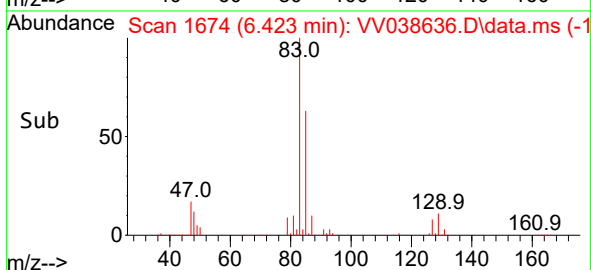
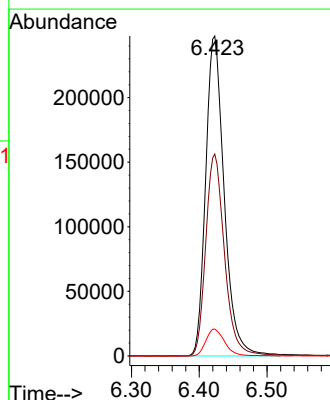
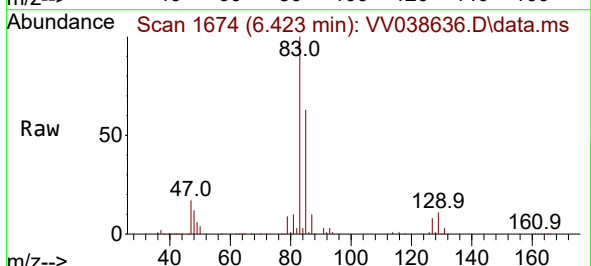
Tgt Ion: 83 Resp: 471200

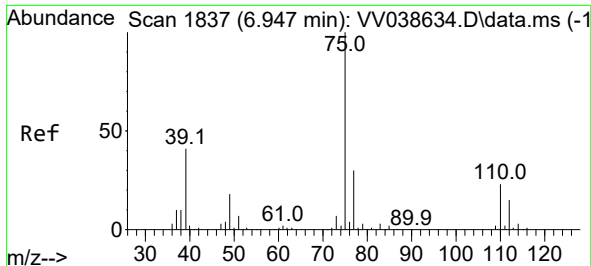
Ion Ratio Lower Upper

83 100

85 63.1 44.0 81.6

127 8.4 6.2 9.4





#39

cis-1,3-Dichloropropene

Concen: 24.79 ug/L

RT: 6.944 min Scan# 1836

Delta R.T. -0.003 min

Lab File: VV038636.D

Acq: 06 Feb 2025 17:07

Instrument :

MSVOA_V

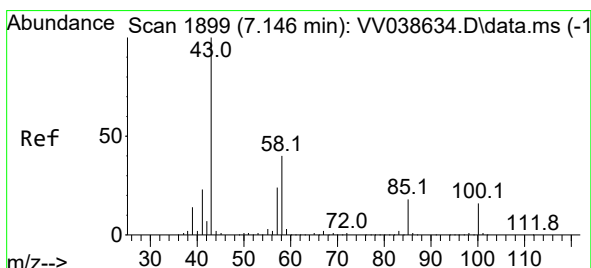
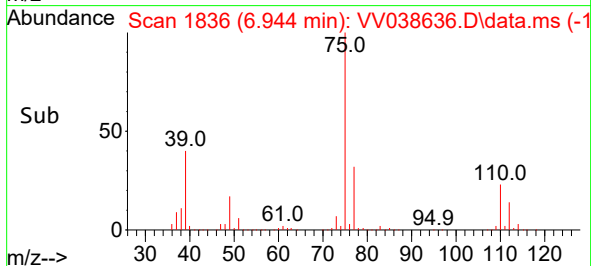
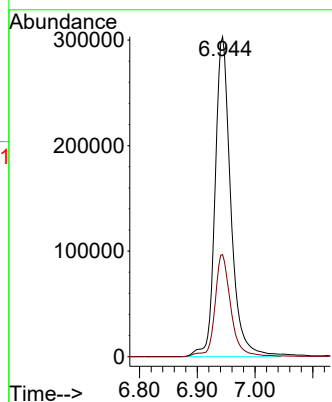
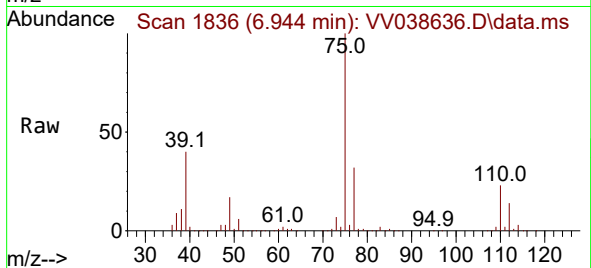
ClientSampleId :

Tgt Ion: 75 Resp: 573816

Ion Ratio Lower Upper

75 100

77 31.9 21.3 39.5



#40

4-Methyl-2-pentanone

Concen: 249.96 ug/L

RT: 7.146 min Scan# 1899

Delta R.T. 0.000 min

Lab File: VV038636.D

Acq: 06 Feb 2025 17:07

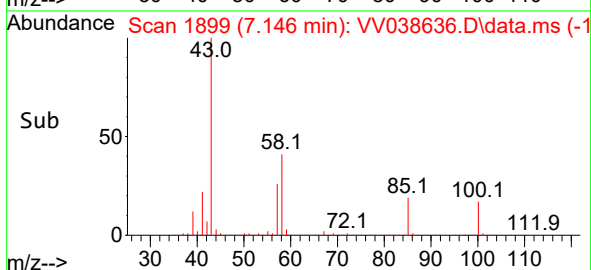
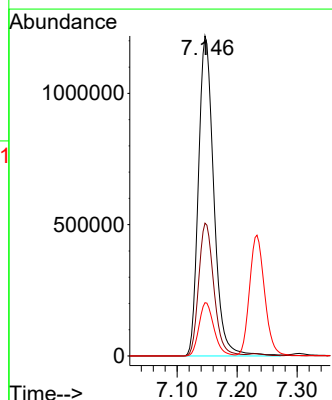
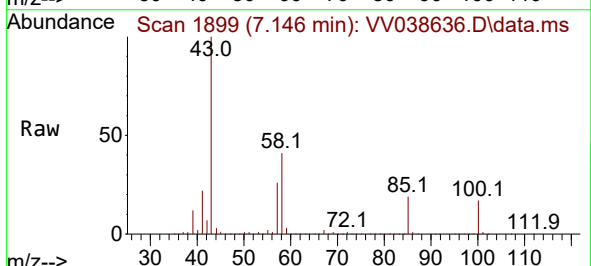
Tgt Ion: 43 Resp: 2179166

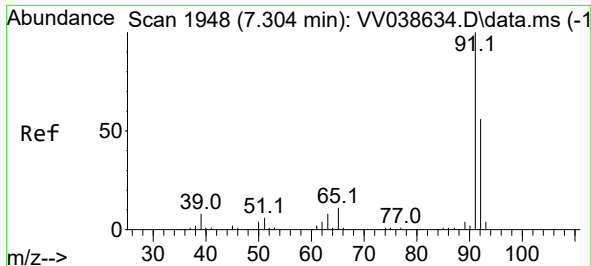
Ion Ratio Lower Upper

43 100

58 41.0 31.1 46.7

100 16.3 12.0 18.0

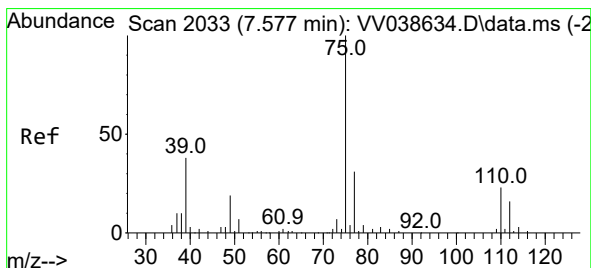
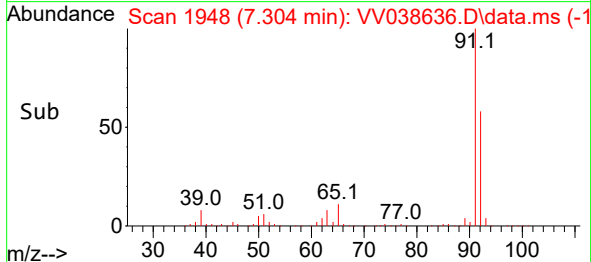
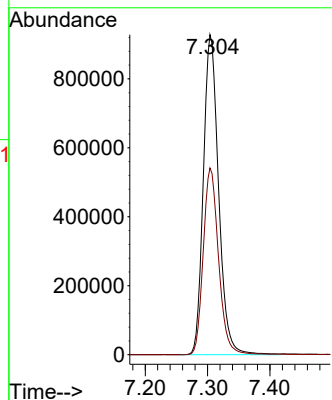
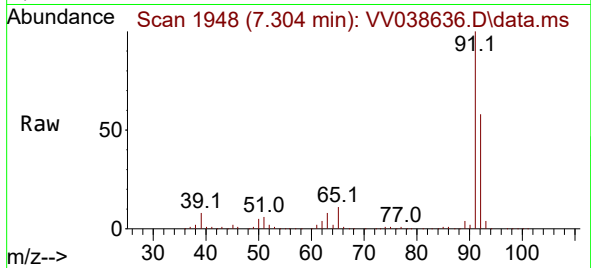




#42
Toluene
Concen: 23.03 ug/L
RT: 7.304 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VV038636.D
Acq: 06 Feb 2025 17:07

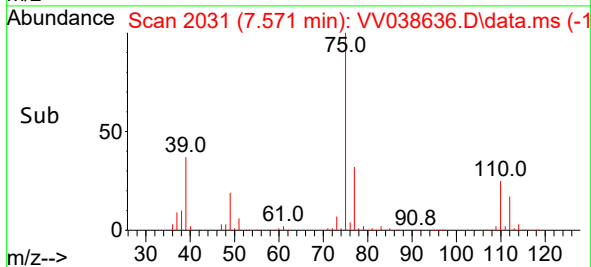
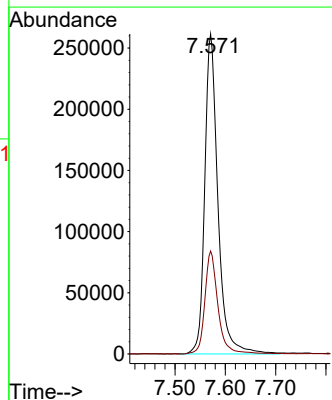
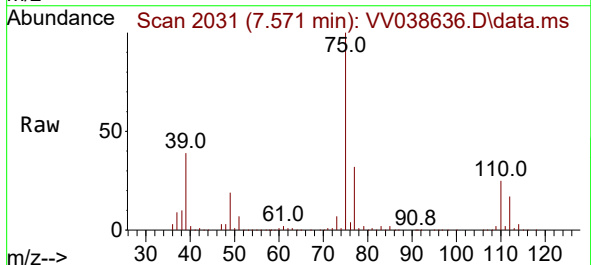
Instrument :
MSVOA_V
ClientSampleId :

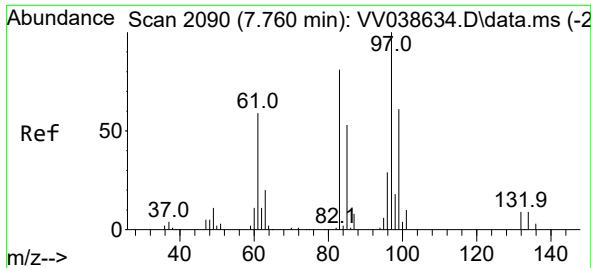
Tgt Ion: 91 Resp: 1580623
Ion Ratio Lower Upper
91 100
92 58.3 39.3 72.9



#44
trans-1,3-Dichloropropene
Concen: 24.28 ug/L
RT: 7.571 min Scan# 2031
Delta R.T. -0.006 min
Lab File: VV038636.D
Acq: 06 Feb 2025 17:07

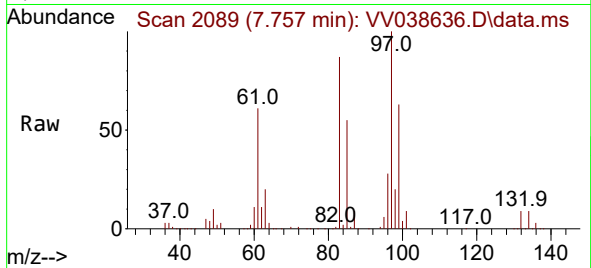
Tgt Ion: 75 Resp: 477003
Ion Ratio Lower Upper
75 100
77 32.2 21.4 39.8



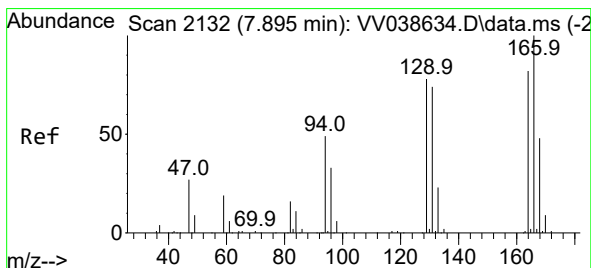
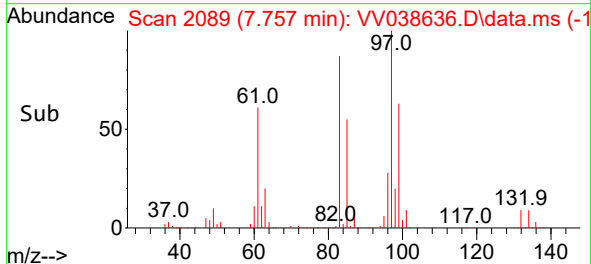
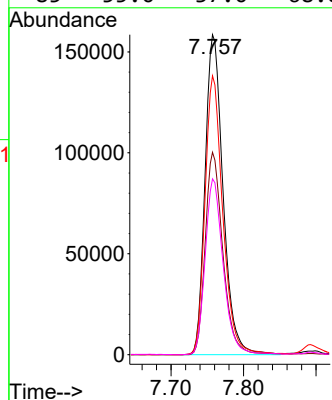


#45
1,1,2-Trichloroethane
Concen: 22.36 ug/L
RT: 7.757 min Scan# 2090
Delta R.T. -0.003 min
Lab File: VV038636.D
Acq: 06 Feb 2025 17:07

Instrument :
MSVOA_V
ClientSampleId :

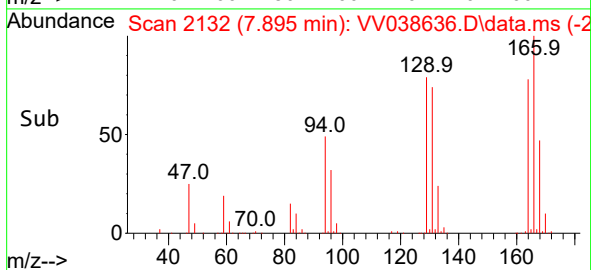
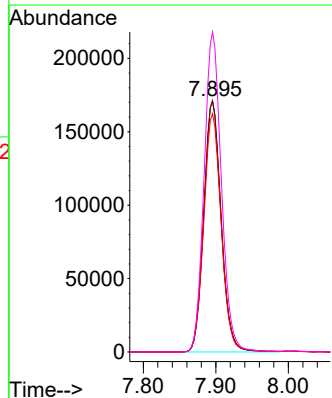
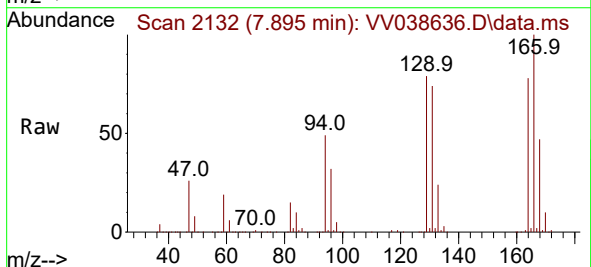


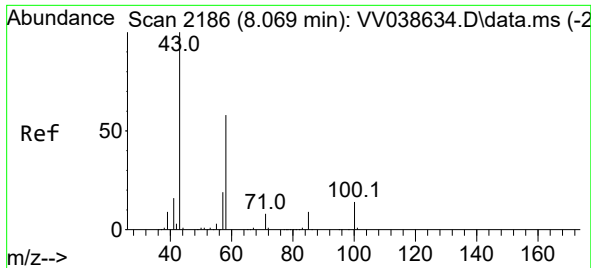
Tgt Ion: 97	Resp: 273986
Ion Ratio	Lower Upper
97 100	
99 63.3	42.7 79.3
83 87.2	57.2 106.2
85 55.0	37.0 68.8



#47
Tetrachloroethene
Concen: 21.73 ug/L
RT: 7.895 min Scan# 2132
Delta R.T. 0.000 min
Lab File: VV038636.D
Acq: 06 Feb 2025 17:07

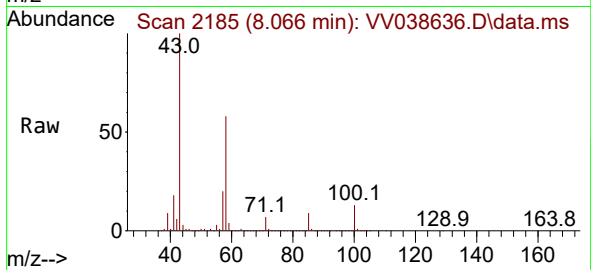
Tgt	Ion:164	Resp:	284504
Ion	Ratio	Lower	Upper
164	100		
129	100.2	66.3	123.1
131	94.9	63.2	117.4
166	127.6	85.4	158.6





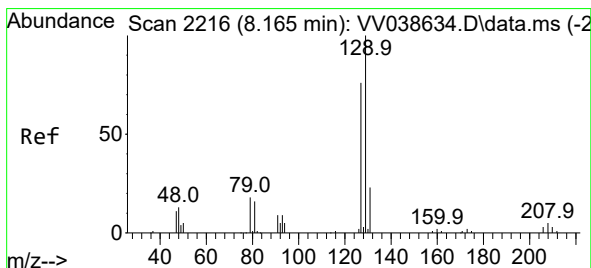
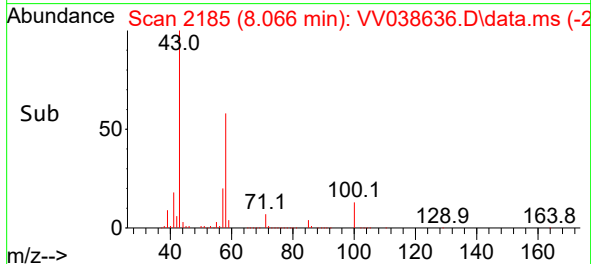
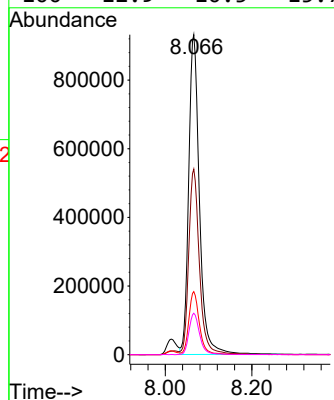
#48
2-Hexanone
Concen: 256.69 ug/L
RT: 8.066 min Scan# 2186
Delta R.T. -0.003 min
Lab File: VV038636.D
Acq: 06 Feb 2025 17:07

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 43 Resp: 1603760

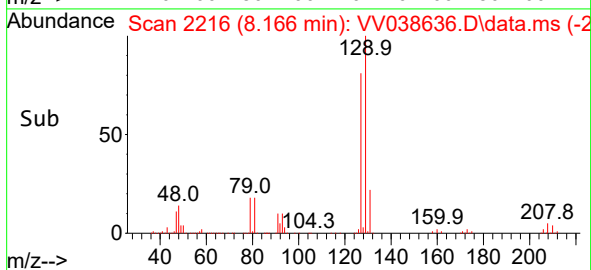
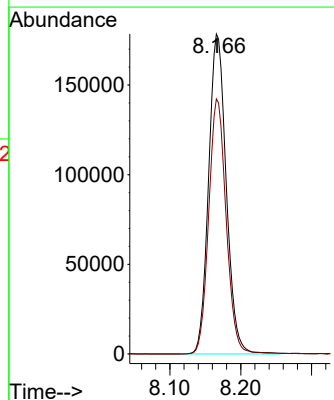
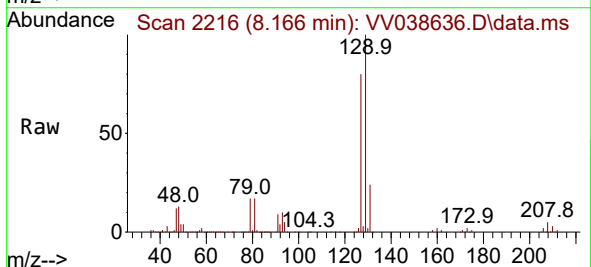
Ion	Ratio	Lower	Upper
43	100		
58	57.1	46.1	69.1
57	19.3	15.0	22.6
100	12.9	10.5	15.7

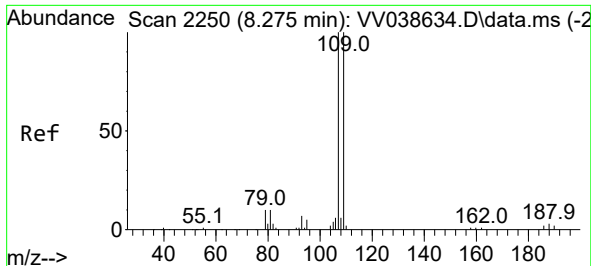


#49
Dibromochloromethane
Concen: 22.03 ug/L
RT: 8.166 min Scan# 2216
Delta R.T. 0.000 min
Lab File: VV038636.D
Acq: 06 Feb 2025 17:07

Tgt Ion: 129 Resp: 308378

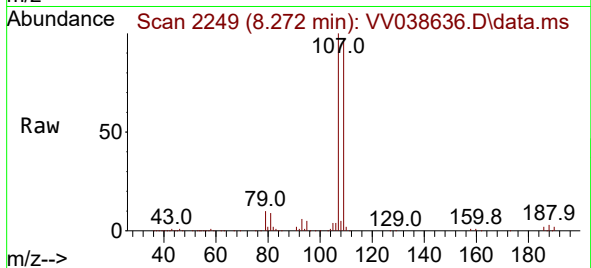
Ion	Ratio	Lower	Upper
129	100		
127	79.7	53.5	99.3



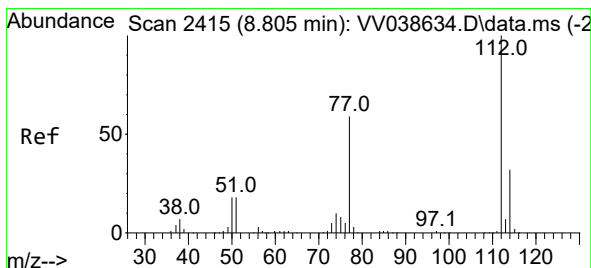
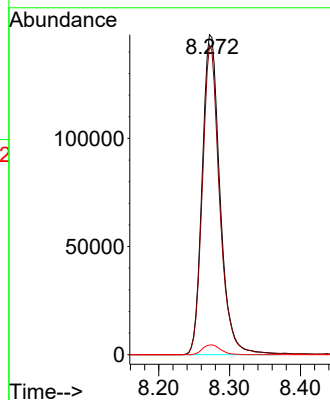
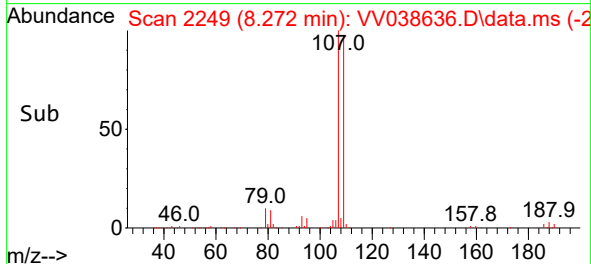


#50
1,2-Dibromoethane
Concen: 22.92 ug/L
RT: 8.272 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV038636.D
Acq: 06 Feb 2025 17:07

Instrument :
MSVOA_V
ClientSampleId :

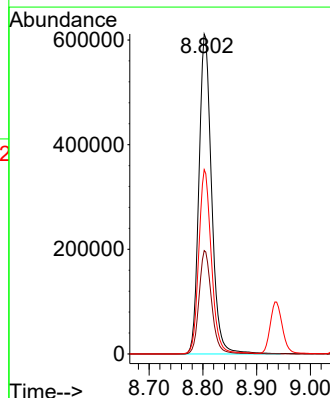
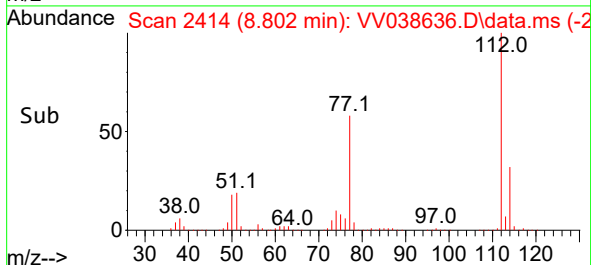
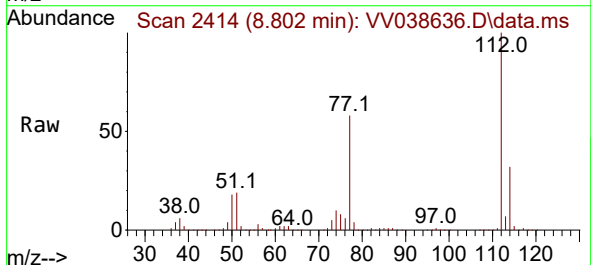


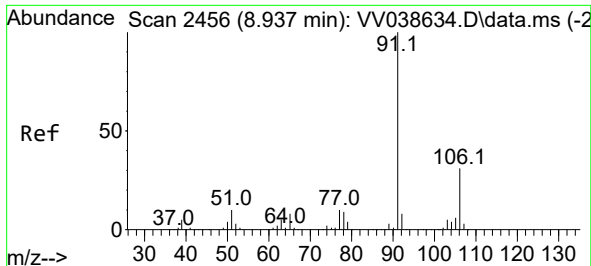
Tgt Ion:107 Resp: 258567
Ion Ratio Lower Upper
107 100
109 96.8 70.2 130.4
188 3.0 2.8 4.2



#51
Chlorobenzene
Concen: 21.86 ug/L
RT: 8.802 min Scan# 2414
Delta R.T. -0.003 min
Lab File: VV038636.D
Acq: 06 Feb 2025 17:07

Tgt Ion:112 Resp: 999020
Ion Ratio Lower Upper
112 100
114 32.3 22.6 42.0
77 57.6 47.0 70.6

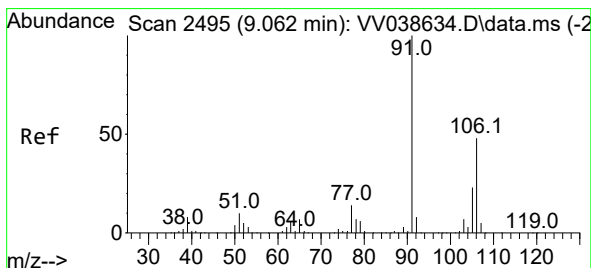
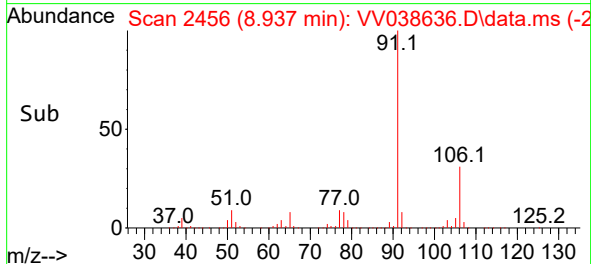
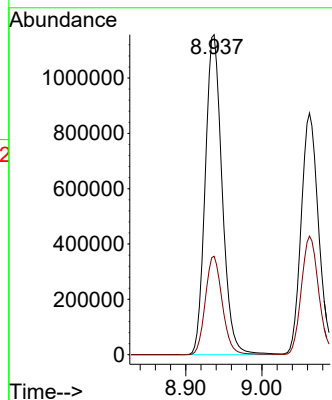
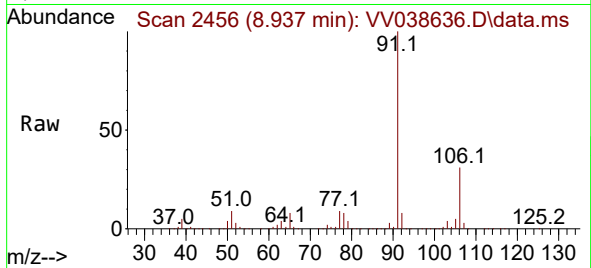




#52
Ethylbenzene
Concen: 24.27 ug/L
RT: 8.937 min Scan# 2456
Delta R.T. 0.000 min
Lab File: VV038636.D
Acq: 06 Feb 2025 17:07

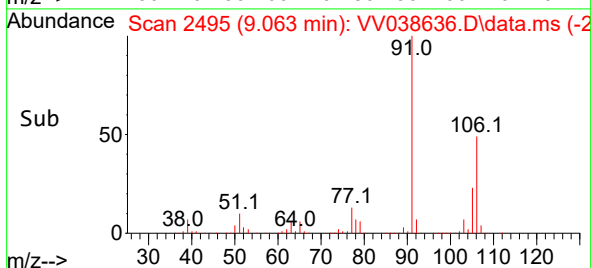
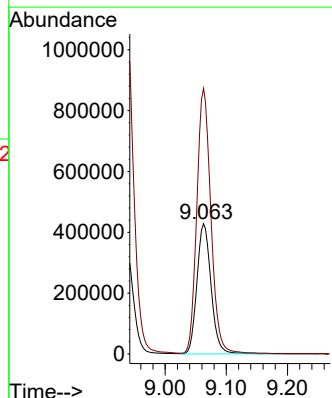
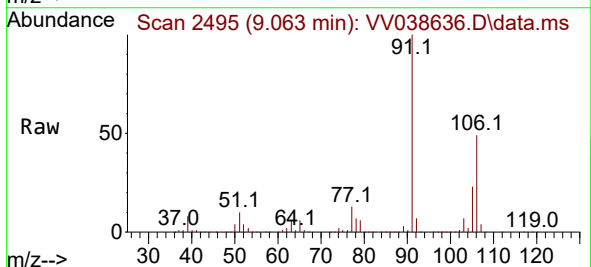
Instrument :
MSVOA_V
ClientSampleId :

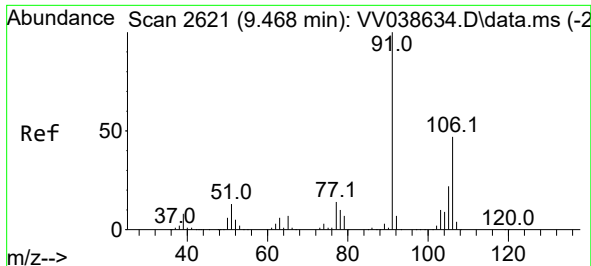
Tgt Ion: 91 Resp: 1784597
Ion Ratio Lower Upper
91 100
106 30.8 21.3 39.6



#53
m,p-Xylene
Concen: 24.72 ug/L
RT: 9.063 min Scan# 2495
Delta R.T. 0.000 min
Lab File: VV038636.D
Acq: 06 Feb 2025 17:07

Tgt Ion: 106 Resp: 685429
Ion Ratio Lower Upper
106 100
91 203.8 146.3 271.7

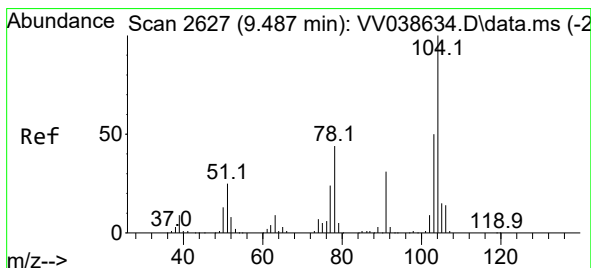
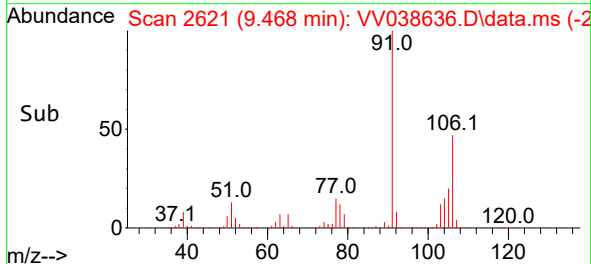
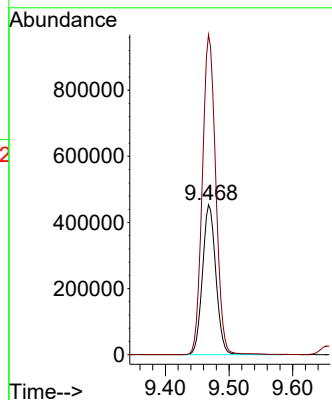
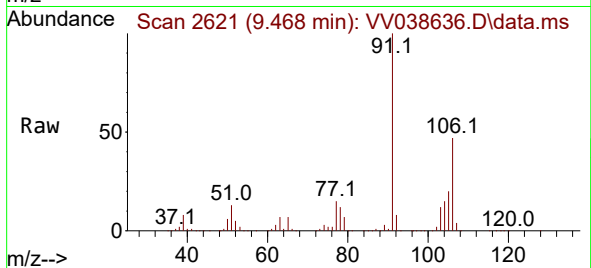




#54
o-Xylene
Concen: 25.06 ug/L
RT: 9.468 min Scan# 2621
Delta R.T. 0.000 min
Lab File: VV038636.D
Acq: 06 Feb 2025 17:07

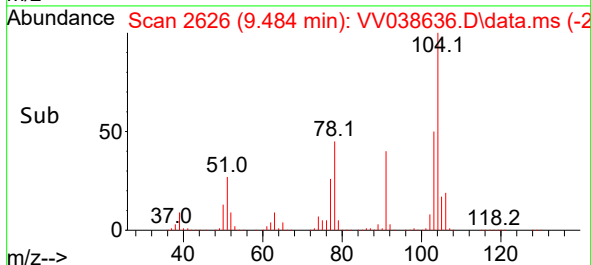
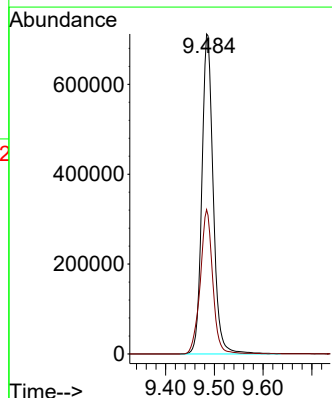
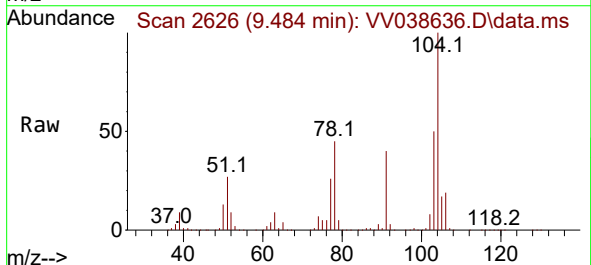
Instrument :
MSVOA_V
ClientSampleId :

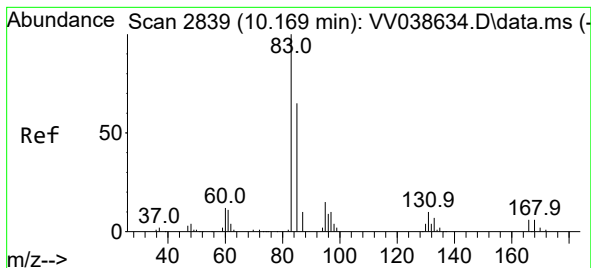
Tgt Ion:106 Resp: 662014
Ion Ratio Lower Upper
106 100
91 213.4 150.8 280.0



#55
Styrene
Concen: 25.09 ug/L
RT: 9.484 min Scan# 2626
Delta R.T. -0.003 min
Lab File: VV038636.D
Acq: 06 Feb 2025 17:07

Tgt Ion:104 Resp: 1155839
Ion Ratio Lower Upper
104 100
78 45.1 30.5 56.7

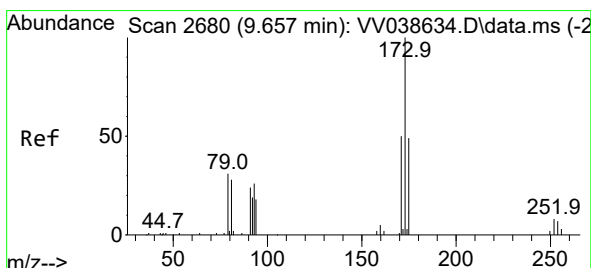
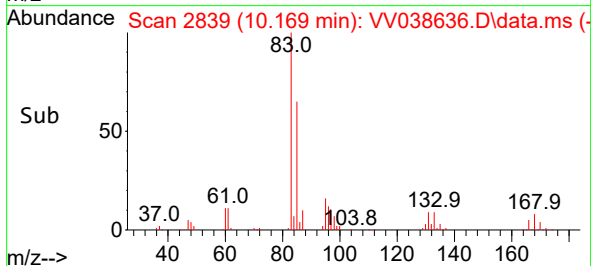
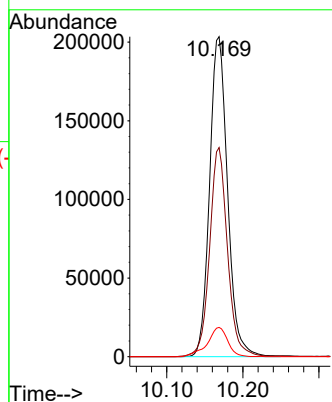
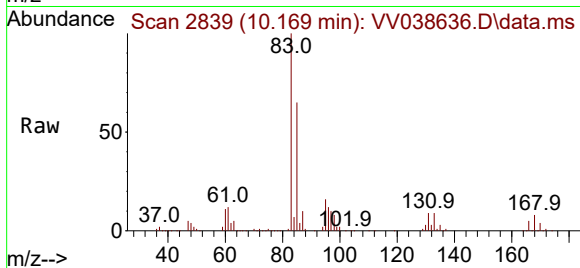




#57
1,1,2,2-Tetrachloroethane
Concen: 22.33 ug/L
RT: 10.169 min Scan# 2839
Delta R.T. 0.000 min
Lab File: VV038636.D
Acq: 06 Feb 2025 17:07

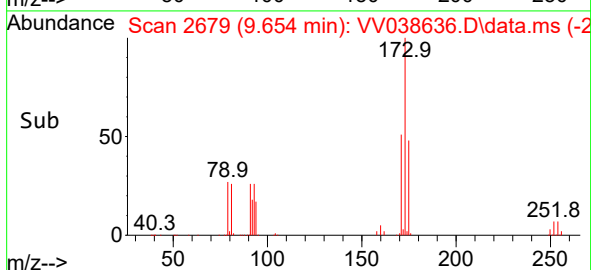
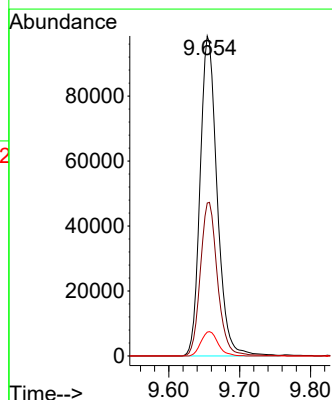
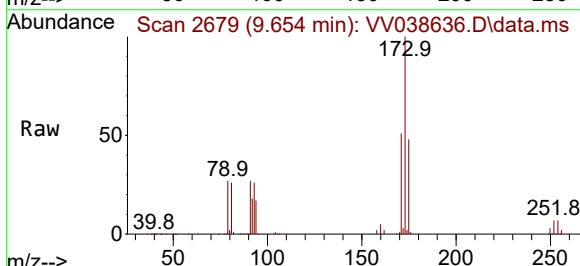
Instrument :
MSVOA_V
ClientSampleId :

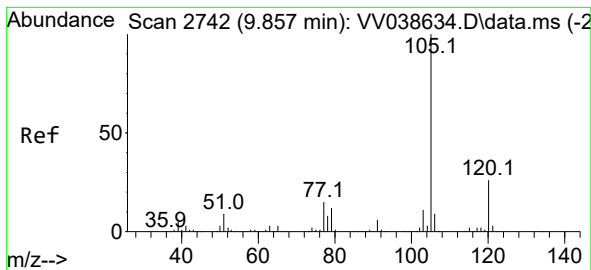
Tgt Ion: 83 Resp: 333718
Ion Ratio Lower Upper
83 100
85 65.3 46.1 85.5
131 9.2 8.5 12.7



#59
Bromoform
Concen: 20.48 ug/L
RT: 9.654 min Scan# 2679
Delta R.T. -0.003 min
Lab File: VV038636.D
Acq: 06 Feb 2025 17:07

Tgt Ion: 173 Resp: 164283
Ion Ratio Lower Upper
173 100
175 48.2 39.5 59.3
254 7.6 5.7 8.5





#60

Isopropylbenzene

Concen: 23.22 ug/L

RT: 9.857 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV038636.D

Acq: 06 Feb 2025 17:07

Instrument :

MSVOA_V

ClientSampleId :

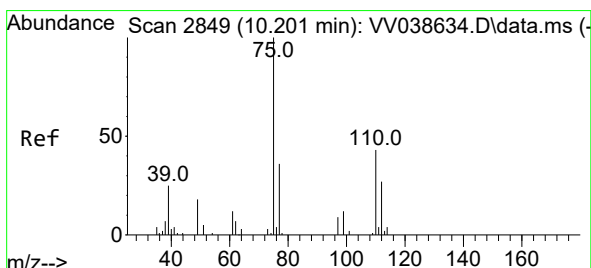
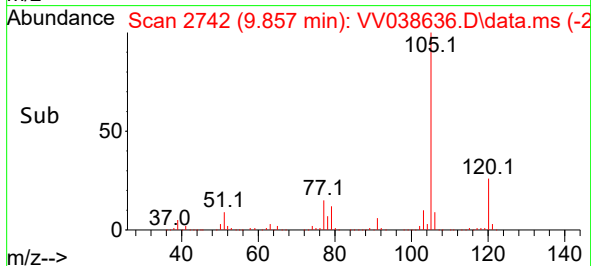
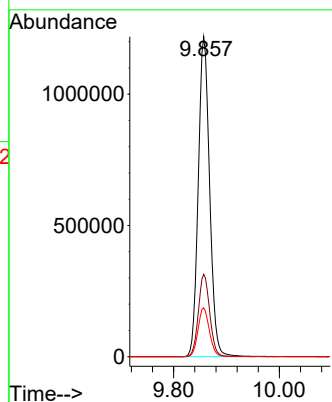
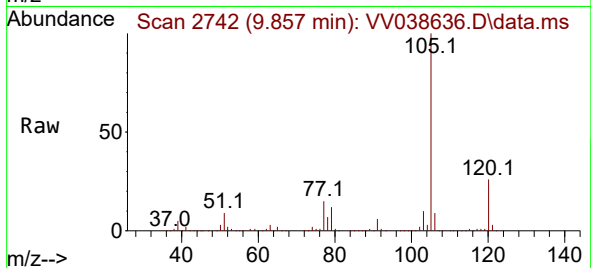
Tgt Ion:105 Resp: 1816907

Ion Ratio Lower Upper

105 100

120 25.8 21.0 31.4

77 15.2 12.2 18.4



#61

1,2,3-Trichloropropane

Concen: 20.58 ug/L

RT: 10.198 min Scan# 2848

Delta R.T. -0.003 min

Lab File: VV038636.D

Acq: 06 Feb 2025 17:07

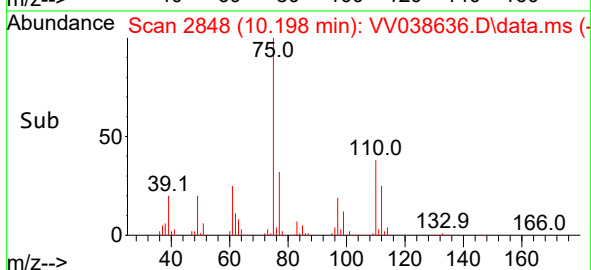
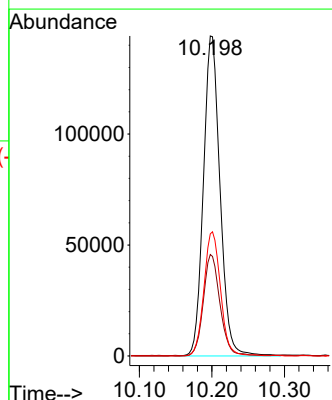
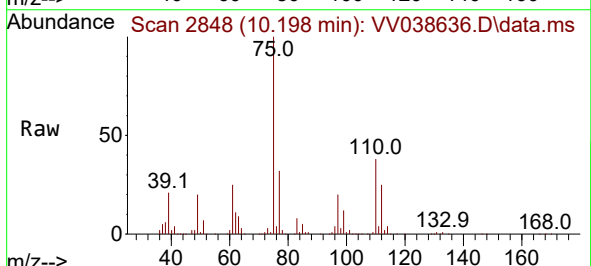
Tgt Ion: 75 Resp: 230076

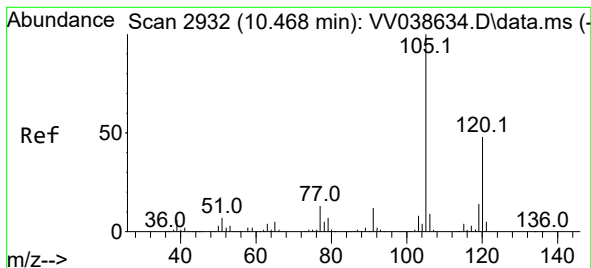
Ion Ratio Lower Upper

75 100

77 31.4 25.5 38.3

110 38.5 30.9 46.3





#62

1,3,5-Trimethylbenzene

Concen: 24.56 ug/L

RT: 10.468 min Scan# 2932

Delta R.T. 0.000 min

Lab File: VV038636.D

Acq: 06 Feb 2025 17:07

Instrument :

MSVOA_V

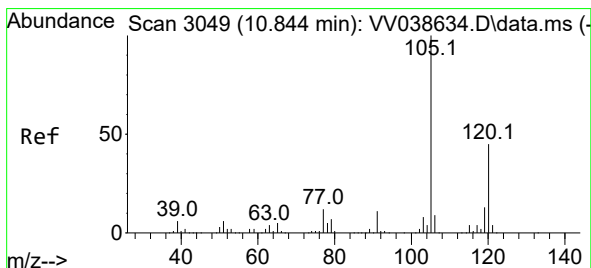
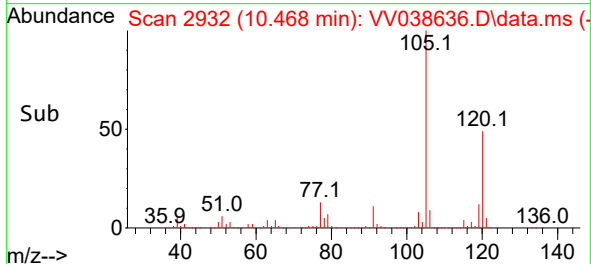
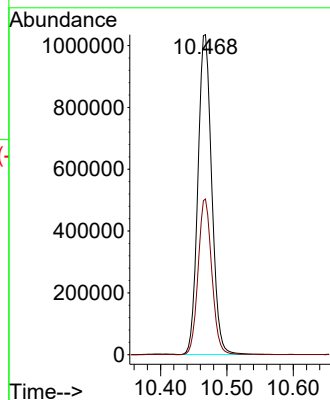
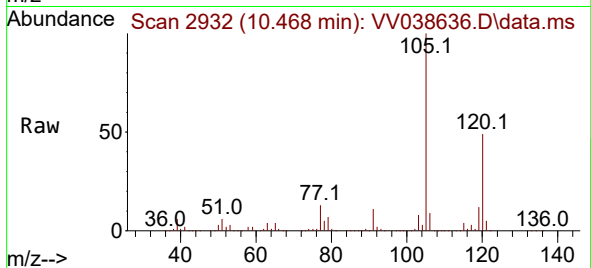
ClientSampleId :

Tgt Ion:105 Resp: 1494450

Ion Ratio Lower Upper

105 100

120 48.3 38.3 57.5



#63

1,2,4-Trimethylbenzene

Concen: 24.69 ug/L

RT: 10.841 min Scan# 3048

Delta R.T. -0.003 min

Lab File: VV038636.D

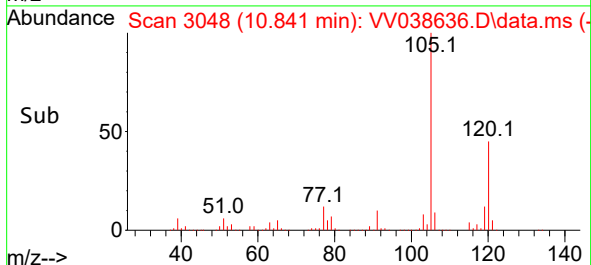
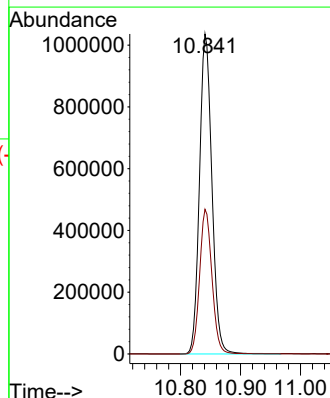
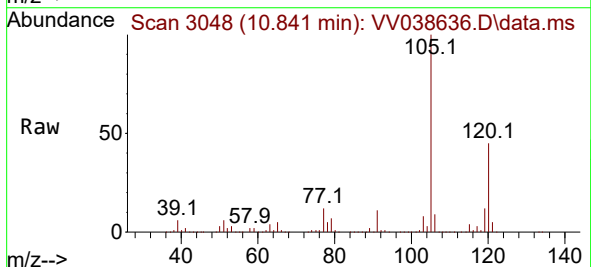
Acq: 06 Feb 2025 17:07

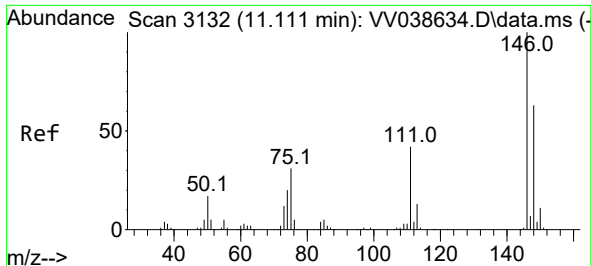
Tgt Ion:105 Resp: 1495839

Ion Ratio Lower Upper

105 100

120 44.8 36.2 54.2

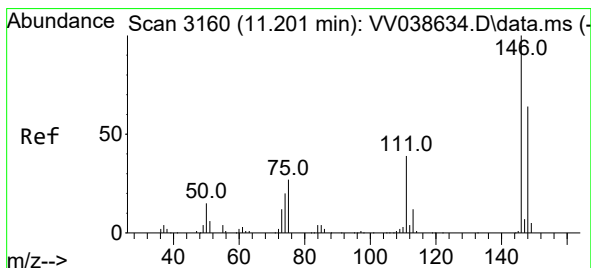
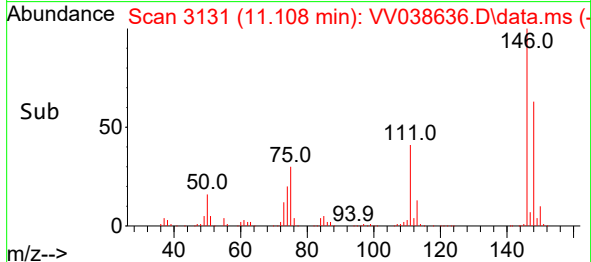
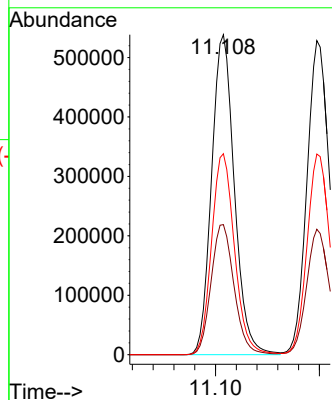
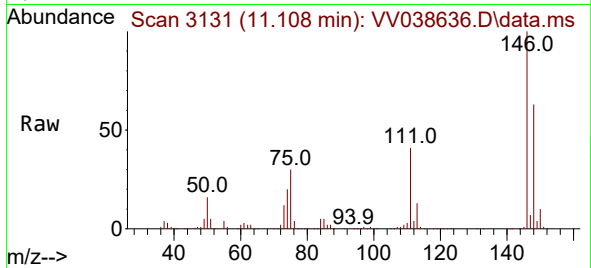




#64
1,3-Dichlorobenzene
Concen: 21.23 ug/L
RT: 11.108 min Scan# 3132
Delta R.T. -0.003 min
Lab File: VV038636.D
Acq: 06 Feb 2025 17:07

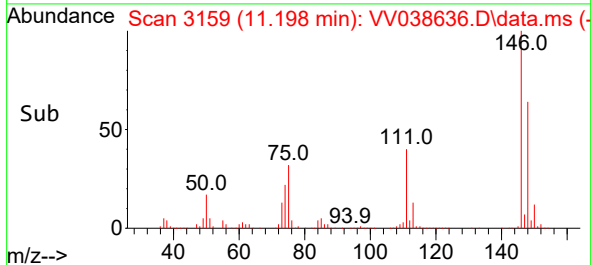
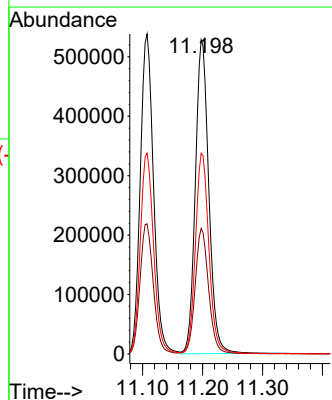
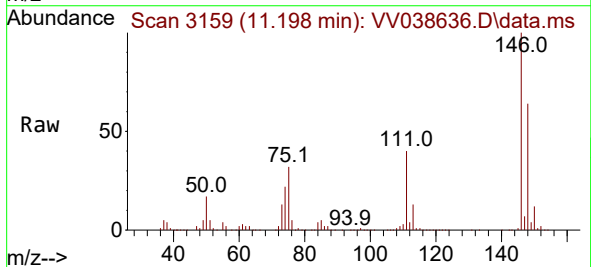
Instrument :
MSVOA_V
ClientSampleId :

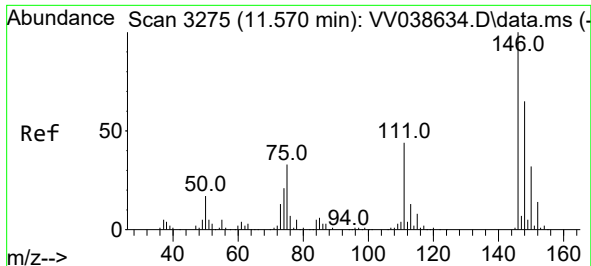
Tgt Ion:146 Resp: 819546
Ion Ratio Lower Upper
146 100
111 40.7 29.0 53.9
148 62.8 44.1 81.9



#65
1,4-Dichlorobenzene
Concen: 20.75 ug/L
RT: 11.198 min Scan# 3159
Delta R.T. -0.003 min
Lab File: VV038636.D
Acq: 06 Feb 2025 17:07

Tgt Ion:146 Resp: 826675
Ion Ratio Lower Upper
146 100
111 39.9 27.7 51.5
148 63.9 44.9 83.5





#67

1,2-Dichlorobenzene

Concen: 21.01 ug/L

RT: 11.567 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV038636.D

Acq: 06 Feb 2025 17:07

Instrument :

MSVOA_V

ClientSampleId :

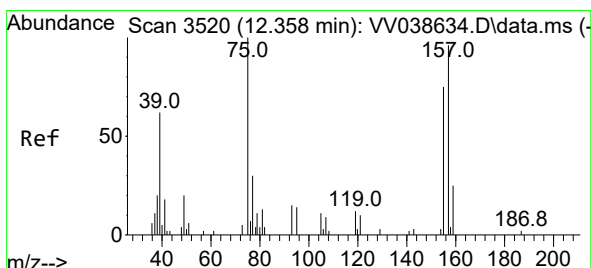
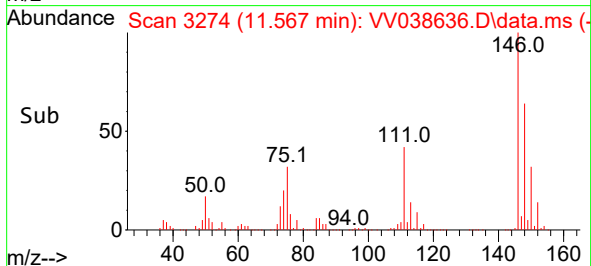
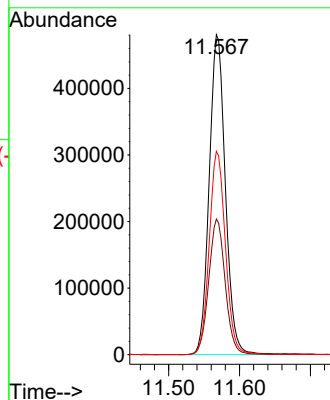
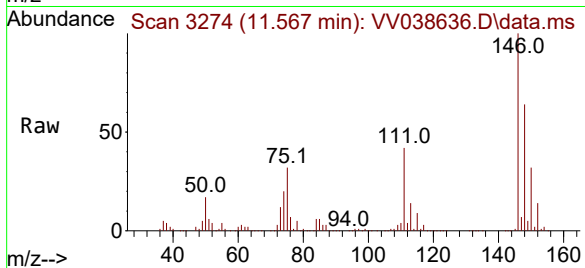
Tgt Ion:146 Resp: 759727

Ion Ratio Lower Upper

146 100

111 42.4 35.4 53.0

148 63.5 52.2 78.2



#68

1,2-Dibromo-3-chloropropane

Concen: 23.71 ug/L

RT: 12.355 min Scan# 3519

Delta R.T. -0.003 min

Lab File: VV038636.D

Acq: 06 Feb 2025 17:07

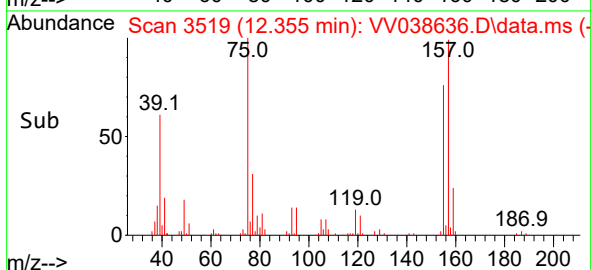
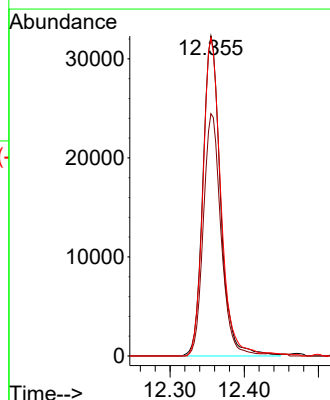
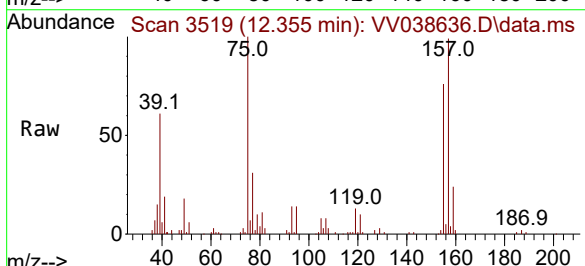
Tgt Ion: 75 Resp: 53271

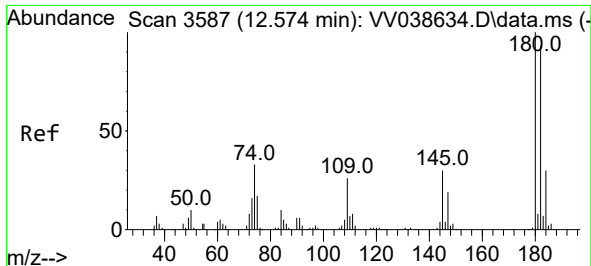
Ion Ratio Lower Upper

75 100

155 75.7 60.3 90.5

157 99.5 76.9 115.3





#69

1,3,5-Trichlorobenzene

Concen: 21.54 ug/L

RT: 12.571 min Scan# 3586

Delta R.T. -0.003 min

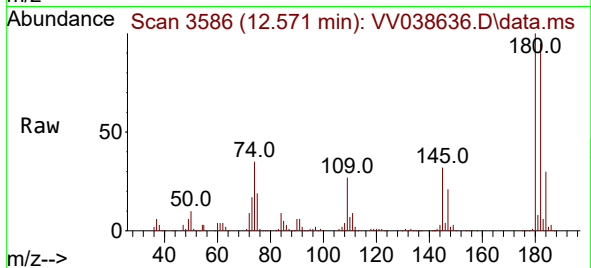
Lab File: VV038636.D

Acq: 06 Feb 2025 17:07

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 562486

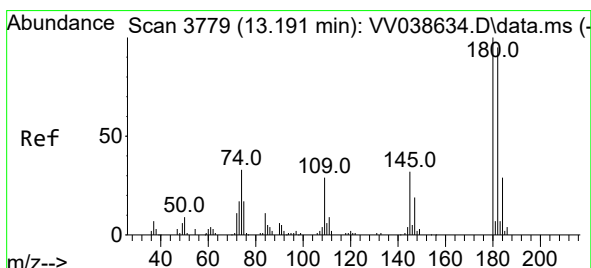
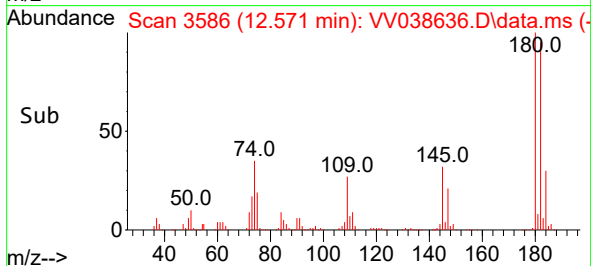
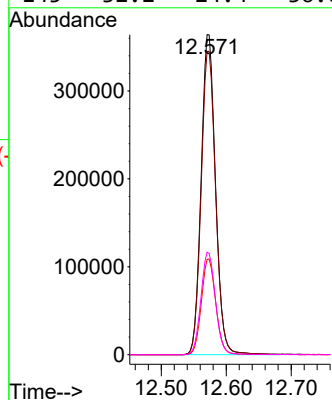
Ion Ratio Lower Upper

180 100

182 95.7 75.6 113.4

184 29.9 24.1 36.1

145 32.2 24.4 36.6



#70

1,2,4-trichlorobenzene

Concen: 24.86 ug/L

RT: 13.188 min Scan# 3778

Delta R.T. -0.003 min

Lab File: VV038636.D

Acq: 06 Feb 2025 17:07

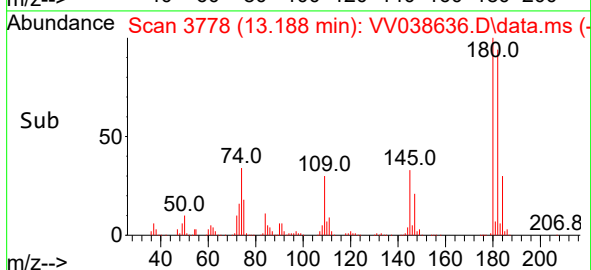
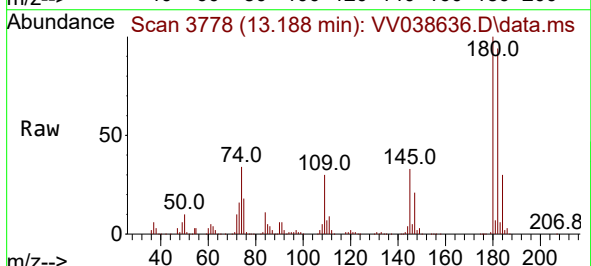
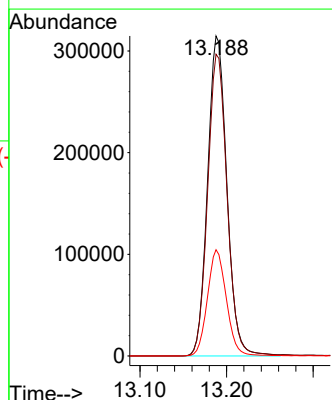
Tgt Ion:180 Resp: 487129

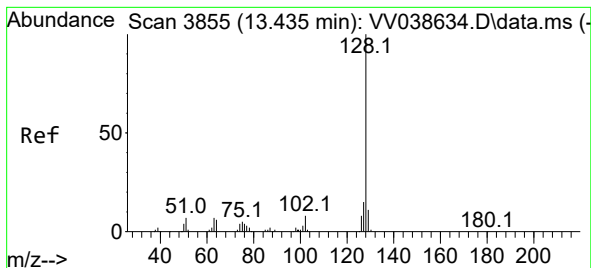
Ion Ratio Lower Upper

180 100

182 95.4 76.6 115.0

145 32.7 26.0 39.0





#71

Naphthalene

Concen: 29.34 ug/L

RT: 13.429 min Scan# 3853

Delta R.T. -0.006 min

Lab File: VV038636.D

Acq: 06 Feb 2025 17:07

Instrument :

MSVOA_V

ClientSampleId :

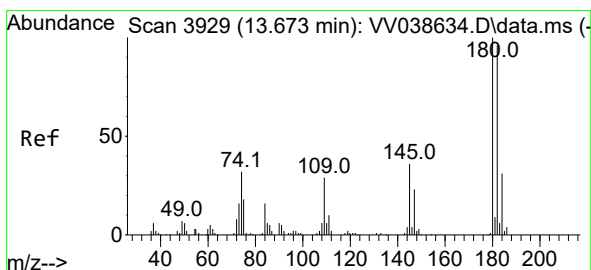
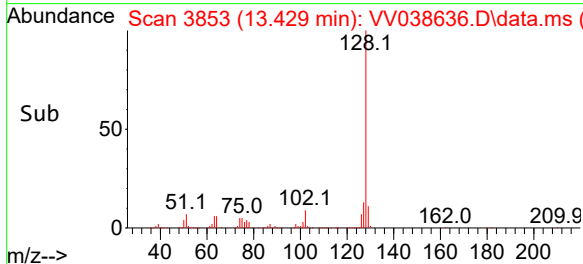
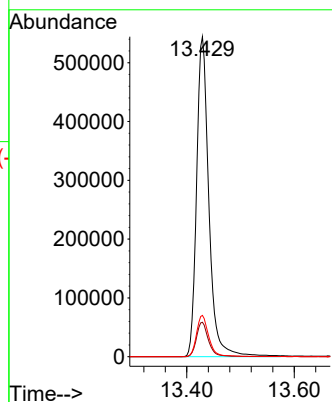
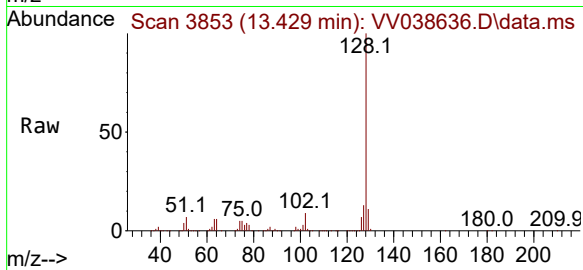
Tgt Ion:128 Resp: 863041

Ion Ratio Lower Upper

128 100

129 10.6 7.6 11.4

127 12.9 10.9 16.3



#72

1,2,3-Trichlorobenzene

Concen: 26.50 ug/L

RT: 13.670 min Scan# 3928

Delta R.T. -0.003 min

Lab File: VV038636.D

Acq: 06 Feb 2025 17:07

Tgt Ion:180 Resp: 450622

Ion Ratio Lower Upper

180 100

182 94.2 76.0 114.0

145 34.0 28.4 42.6

