

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VW020725\
 Data File : VW038640.D
 Acq On : 07 Feb 2025 10:09
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005340

Quant Time: Feb 12 13:06:48 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR020625WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Feb 11 12:57:51 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.526	114	193073	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.777	117	196526	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.175	152	103295	5.00	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	89062	4.46	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.20%
7) Chloroethane-d5	1.529	69	68690	4.57	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.40%
11) 1,1-Dichloroethene-d2	2.053	65	37496	4.49	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.80%
20) 2-Butanone-d5	3.828	46	45937	13.25	ug/L	0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	26.50%#
24) Chloroform-d	4.240	84	152862	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
26) 1,2-Dichloroethane-d4	4.934	65	67722	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.20%
32) Benzene-d6	4.950	84	291573	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.40%
36) 1,2-Dichloropropane-d6	5.979	67	83284	4.89	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.80%
41) Toluene-d8	7.233	98	265332	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.40%
43) trans-1,3-Dichloroprop...	7.551	79	31773	5.08	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.60%
46) 2-Hexanone-d5	8.024	63	107072	44.20	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.40%
56) 1,1,2,2-Tetrachloroeth...	10.143	84	65625	4.53	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.60%
66) 1,2-Dichlorobenzene-d4	11.551	152	84729	4.73	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.60%

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.105	85	115936	5.05	ug/L 99
3) Chloromethane	1.214	50	105576	4.91	ug/L 100
5) Vinyl chloride	1.282	62	113903	5.00	ug/L 94
6) Bromomethane	1.484	94	58736	5.98	ug/L 99
8) Chloroethane	1.549	64	68627	4.86	ug/L 97
9) Trichlorofluoromethane	1.709	101	153691	5.05	ug/L 99
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	88931	5.26	ug/L 99
12) 1,1-Dichloroethene	2.063	96	82608	5.02	ug/L 98
13) Acetone	2.159	43	101256	39.77	ug/L 59
14) Carbon disulfide	2.233	76	279171	5.16	ug/L 99
15) Methyl Acetate	2.388	43	26152	3.99	ug/L 92
16) Methylene chloride	2.439	84	88752	4.75	ug/L 99
17) Methyl tert-butyl Ether	2.700	73	172314	5.13	ug/L 99
18) trans-1,2-Dichloroethene	2.687	96	89048	5.42	ug/L 97
19) 1,1-Dichloroethane	3.102	63	165536	5.23	ug/L 99
21) 2-Butanone	3.909	43	161219	42.19	ug/L 98
22) cis-1,2-Dichloroethene	3.806	96	86300	5.09	ug/L 96
23) Bromochloromethane	4.140	128	39250	4.87	ug/L 100
25) Chloroform	4.262	83	165487	5.23	ug/L 98

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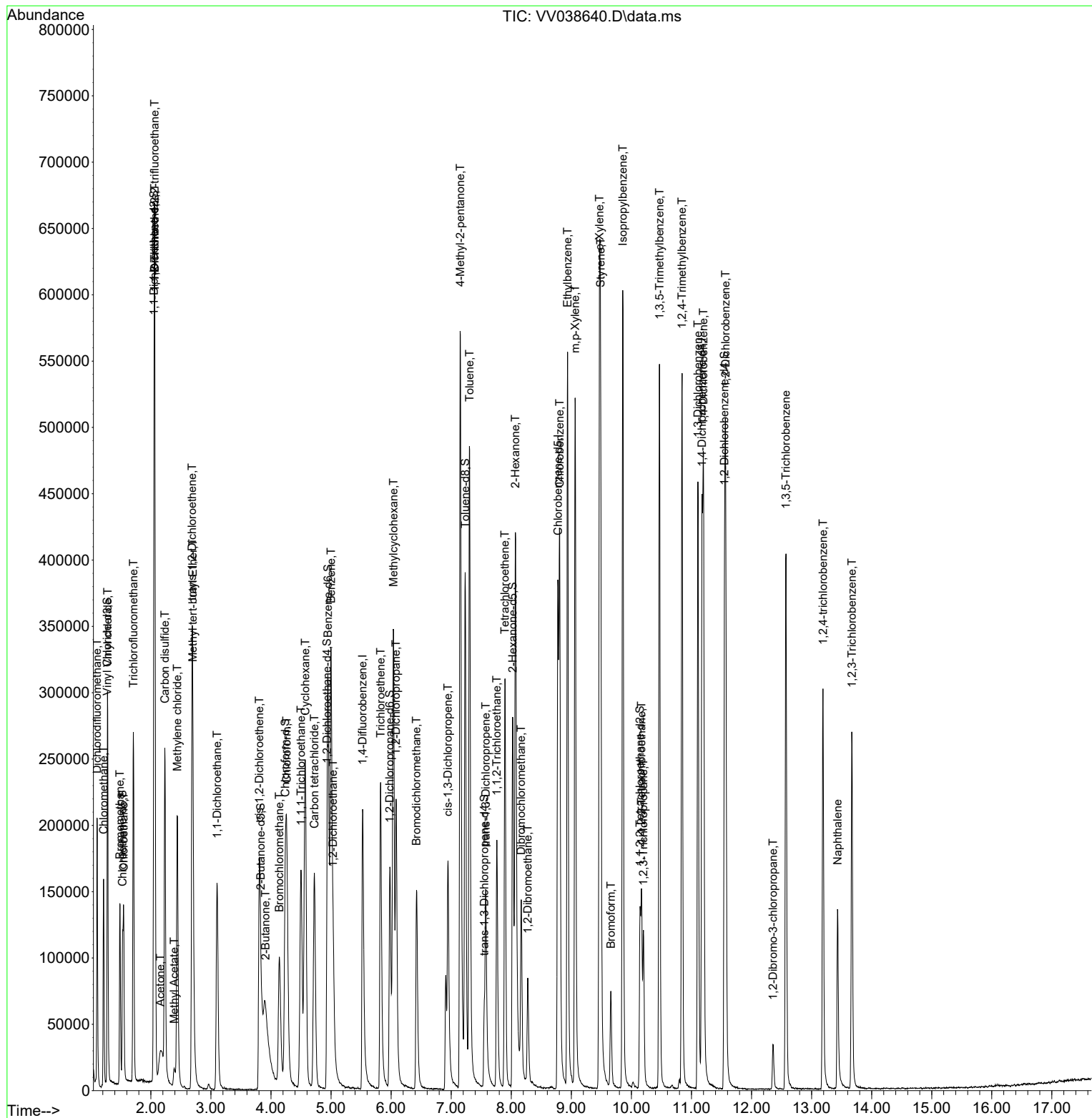
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.034	62	90642	4.87	ug/L	97
29) 1,1,1-Trichloroethane	4.500	97	142204	5.13	ug/L	99
30) Cyclohexane	4.571	56	133580	5.58	ug/L	97
31) Carbon tetrachloride	4.722	117	125733	5.20	ug/L	99
33) Benzene	4.999	78	354178	5.69	ug/L	100
34) Trichloroethene	5.825	95	90332	5.65	ug/L	97
35) Methylcyclohexane	6.040	83	140693	5.60	ug/L	98
37) 1,2-Dichloropropane	6.082	63	85249	5.42	ug/L	98
38) Bromodichloromethane	6.423	83	109504	5.07	ug/L	98
39) cis-1,3-Dichloropropene	6.947	75	119218	5.57	ug/L	98
40) 4-Methyl-2-pentanone	7.150	43	424338	51.39	ug/L	98
42) Toluene	7.304	91	369582	5.59	ug/L	97
44) trans-1,3-Dichloropropene	7.577	75	96429	5.36	ug/L	99
45) 1,1,2-Trichloroethane	7.760	97	61575	5.01	ug/L	96
47) Tetrachloroethene	7.896	164	67839	5.46	ug/L	92
48) 2-Hexanone	8.069	43	308702	50.66	ug/L	98
49) Dibromochloromethane	8.166	129	67782	4.97	ug/L	98
50) 1,2-Dibromoethane	8.275	107	55957	4.92	ug/L	96
51) Chlorobenzene	8.805	112	233040	5.37	ug/L	99
52) Ethylbenzene	8.937	91	387783	5.53	ug/L	99
53) m,p-Xylene	9.063	106	149650	5.79	ug/L	93
54) o-Xylene	9.468	106	138012	5.47	ug/L	98
55) Styrene	9.487	104	248008	5.82	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.169	83	72296	4.78	ug/L	97
59) Bromoform	9.661	173	32957	4.77	ug/L	97
60) Isopropylbenzene	9.857	105	382792	5.63	ug/L	99
61) 1,2,3-Trichloropropane	10.201	75	49576	4.66	ug/L	98
62) 1,3,5-Trimethylbenzene	10.468	105	288874	5.39	ug/L	99
63) 1,2,4-Trimethylbenzene	10.844	105	297103	5.58	ug/L	99
64) 1,3-Dichlorobenzene	11.108	146	183216	5.39	ug/L	99
65) 1,4-Dichlorobenzene	11.201	146	184010	5.32	ug/L	98
67) 1,2-Dichlorobenzene	11.567	146	166016	5.21	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.358	75	9097	4.20	ug/L	90
69) 1,3,5-Trichlorobenzene	12.574	180	121060	5.43	ug/L	99
70) 1,2,4-trichlorobenzene	13.191	180	88842	5.27	ug/L	99
71) Naphthalene	13.432	128	117210	4.34	ug/L	98
72) 1,2,3-Trichlorobenzene	13.670	180	78414	5.02	ug/L	98

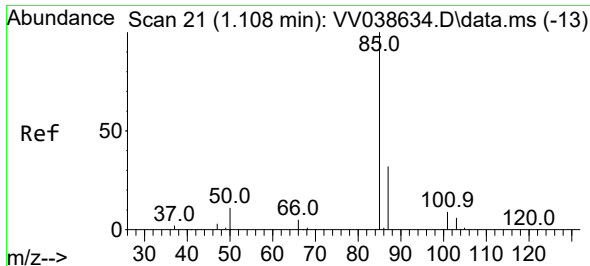
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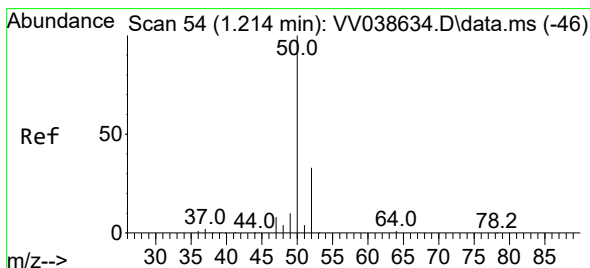
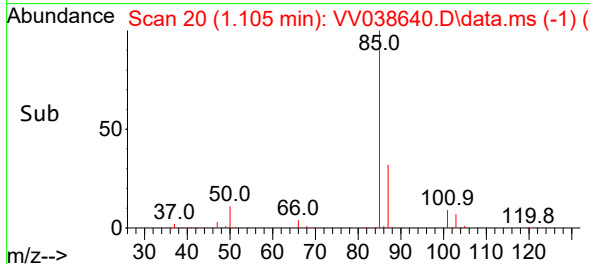
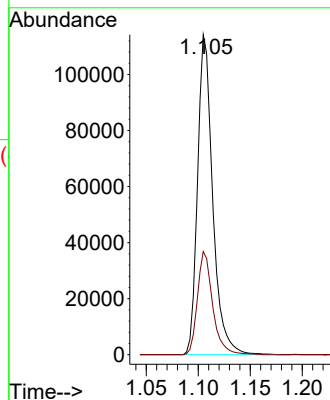
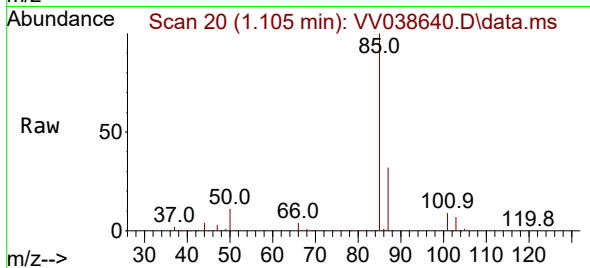




#2
Dichlorodifluoromethane
Concen: 5.05 ug/L
RT: 1.105 min Scan# 20
Delta R.T. -0.003 min
Lab File: VV038640.D
Acq: 07 Feb 2025 10:09

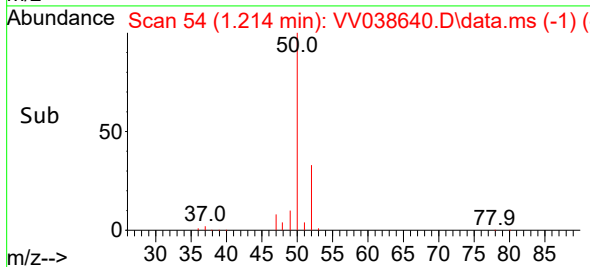
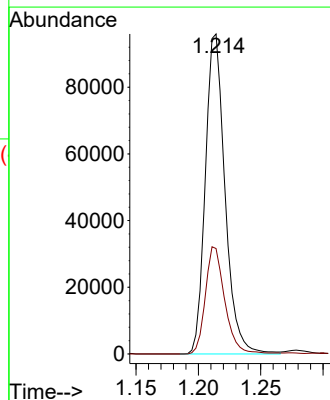
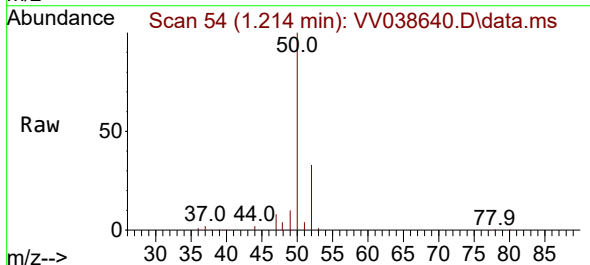
Instrument :
MSVOA_V
ClientSampleId :
VSTD005340

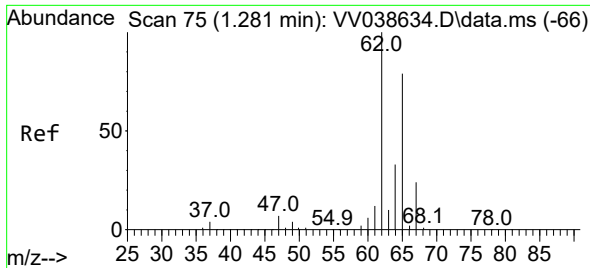
Tgt Ion: 85 Resp: 115936
Ion Ratio Lower Upper
85 100
87 32.4 25.5 38.3



#3
Chloromethane
Concen: 4.91 ug/L
RT: 1.214 min Scan# 54
Delta R.T. 0.000 min
Lab File: VV038640.D
Acq: 07 Feb 2025 10:09

Tgt Ion: 50 Resp: 105576
Ion Ratio Lower Upper
50 100
52 33.0 23.2 43.2

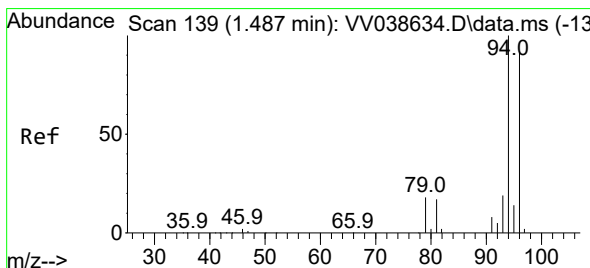
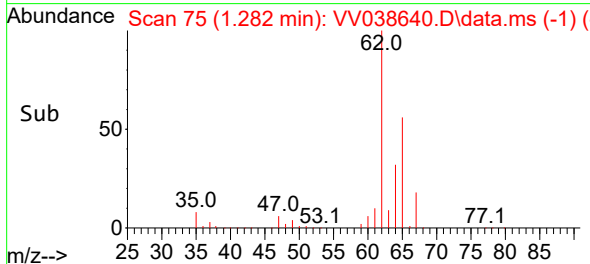
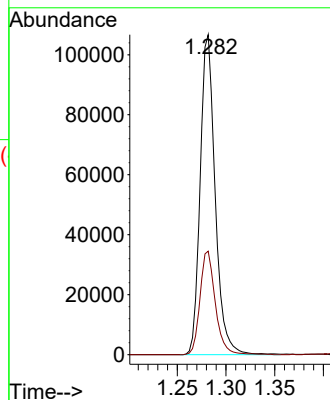
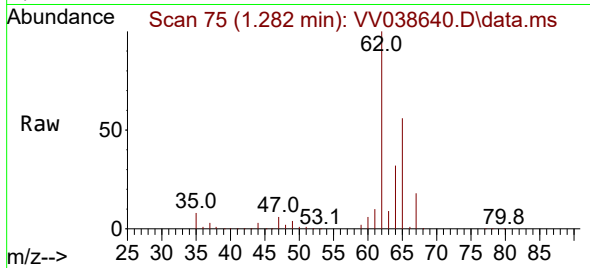




#5
 Vinyl chloride
 Concen: 5.00 ug/L
 RT: 1.282 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VV038640.D
 Acq: 07 Feb 2025 10:09

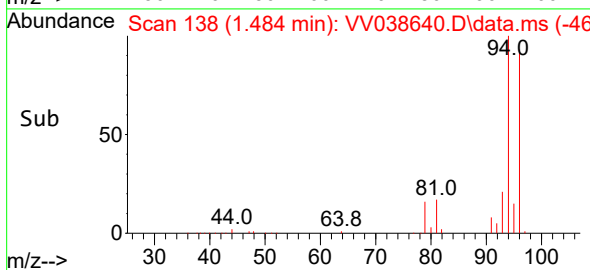
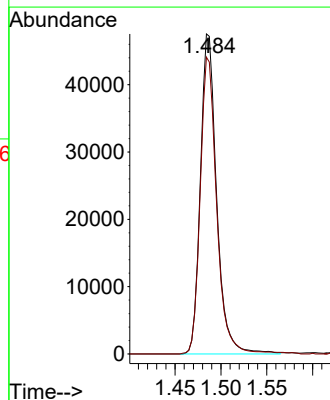
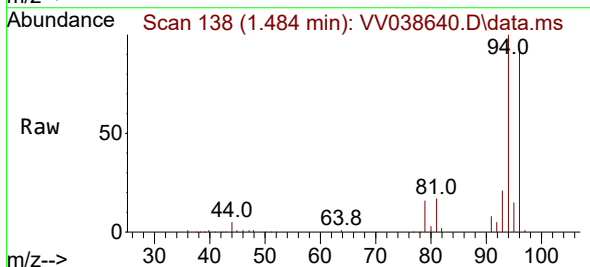
Instrument :
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 ClientSampleId :
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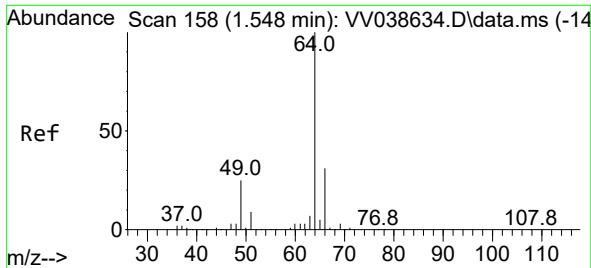
Tgt Ion: 62 Resp: 113903
 Ion Ratio Lower Upper
 62 100
 64 32.4 25.0 46.4



#6
 Bromomethane
 Concen: 5.98 ug/L
 RT: 1.484 min Scan# 138
 Delta R.T. -0.003 min
 Lab File: VV038640.D
 Acq: 07 Feb 2025 10:09

Tgt Ion: 94 Resp: 58736
 Ion Ratio Lower Upper
 94 100
 96 92.7 64.3 119.3

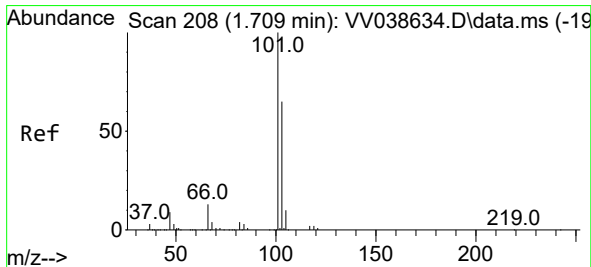
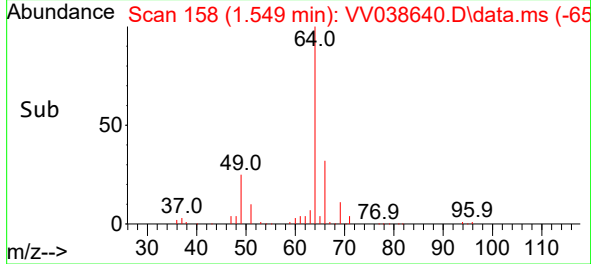
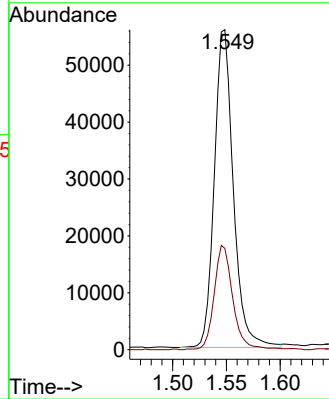
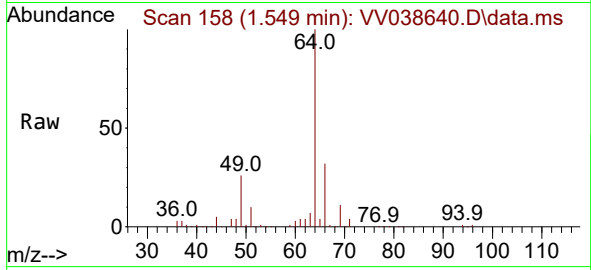




#8
Chloroethane
Concen: 4.86 ug/L
RT: 1.549 min Scan# 11
Delta R.T. 0.001 min
Lab File: VV038640.D
Acq: 07 Feb 2025 10:09

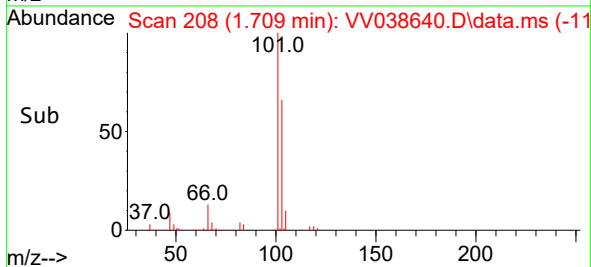
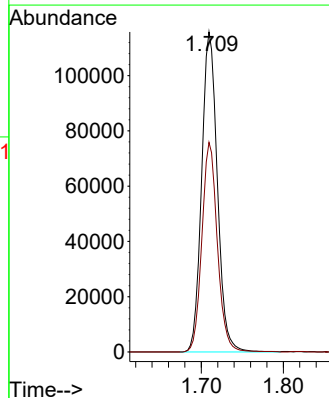
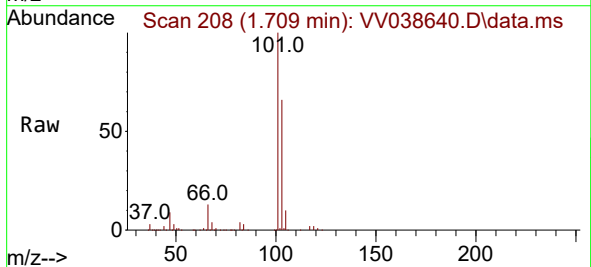
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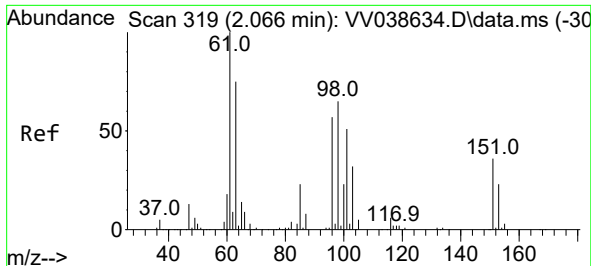
Tgt Ion: 64 Resp: 68627
Ion Ratio Lower Upper
64 100
66 31.7 20.9 38.7



#9
Trichlorofluoromethane
Concen: 5.05 ug/L
RT: 1.709 min Scan# 208
Delta R.T. 0.000 min
Lab File: VV038640.D
Acq: 07 Feb 2025 10:09

Tgt Ion:101 Resp: 153691
Ion Ratio Lower Upper
101 100
103 64.6 52.4 78.6

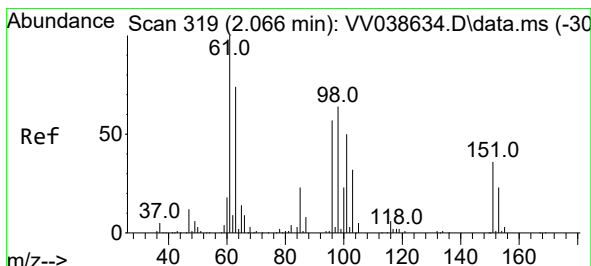
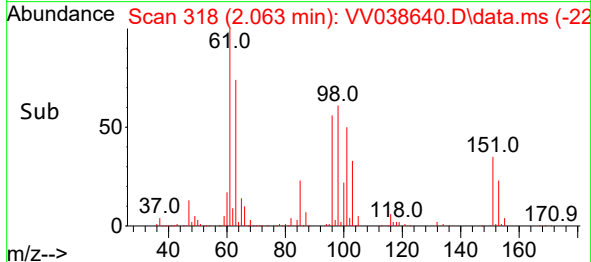
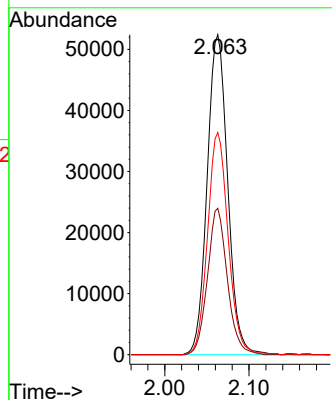
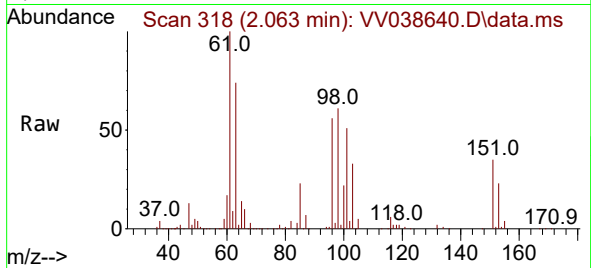




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.26 ug/L
RT: 2.063 min Scan# 318
Delta R.T. -0.003 min
Lab File: VV038640.D
Acq: 07 Feb 2025 10:09

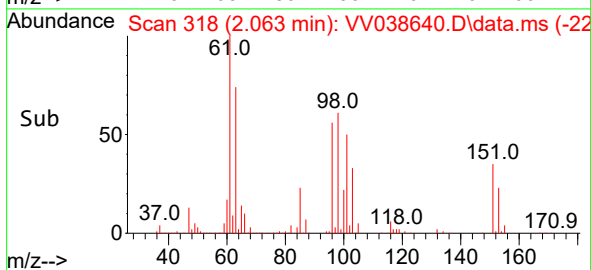
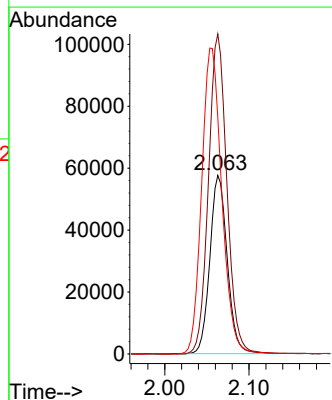
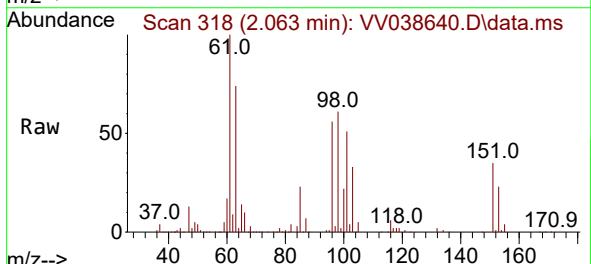
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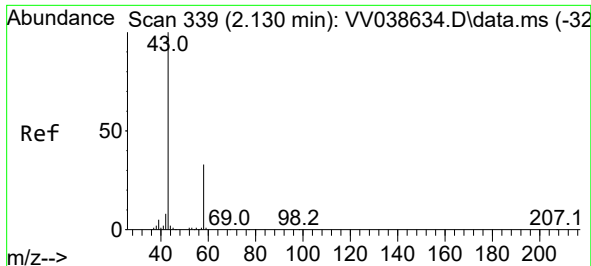
Tgt Ion:101 Resp: 88931
Ion Ratio Lower Upper
101 100
85 44.3 35.0 52.4
151 69.6 55.1 82.7



#12
1,1-Dichloroethene
Concen: 5.02 ug/L
RT: 2.063 min Scan# 318
Delta R.T. -0.003 min
Lab File: VV038640.D
Acq: 07 Feb 2025 10:09

Tgt Ion: 96 Resp: 82608
Ion Ratio Lower Upper
96 100
61 179.2 122.8 228.1
63 132.4 92.0 170.8





#13

Acetone

Concen: 39.77 ug/L

RT: 2.159 min Scan# 34

Delta R.T. 0.029 min

Lab File: VV038640.D

Acq: 07 Feb 2025 10:09

Instrument :

MSVOA_V

ClientSampleId :

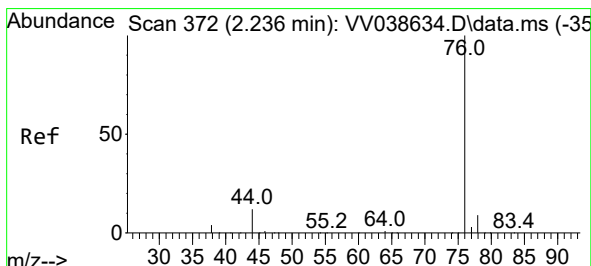
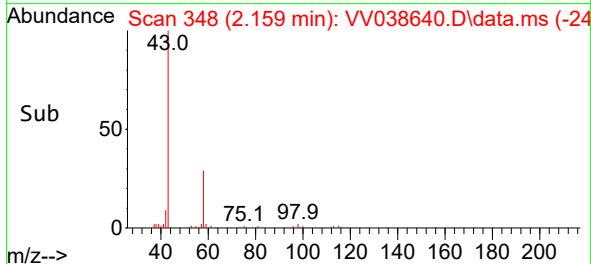
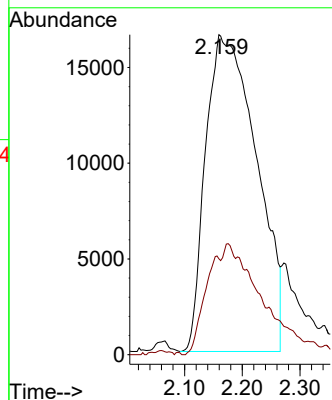
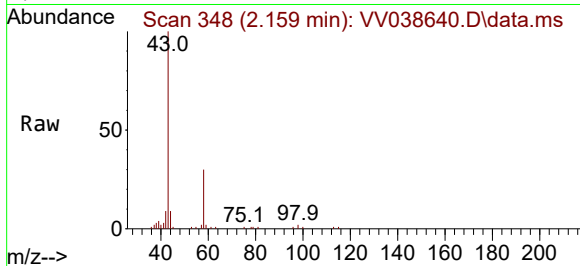
VSTD005340

Tgt Ion: 43 Resp: 101256

Ion Ratio Lower Upper

43 100

58 10.3 0.0 67.4



#14

Carbon disulfide

Concen: 5.16 ug/L

RT: 2.233 min Scan# 371

Delta R.T. -0.003 min

Lab File: VV038640.D

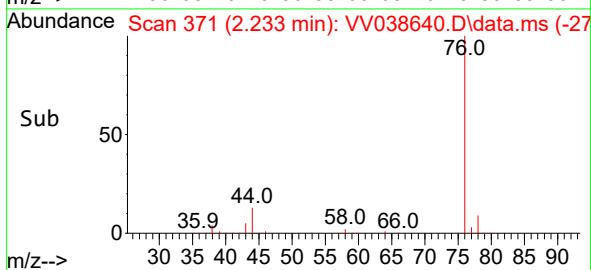
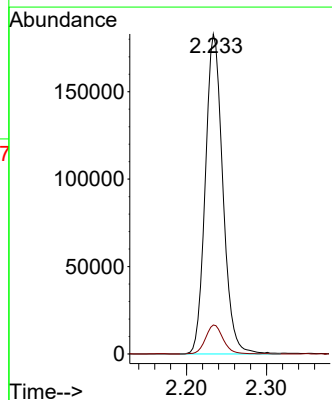
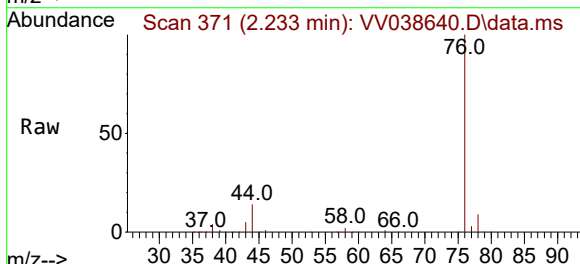
Acq: 07 Feb 2025 10:09

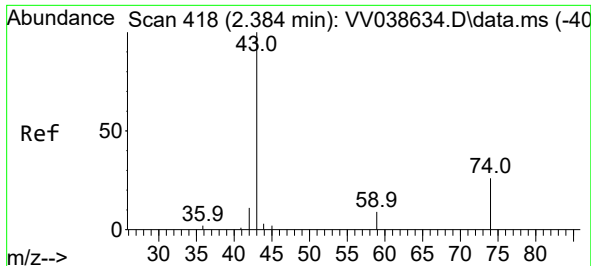
Tgt Ion: 76 Resp: 279171

Ion Ratio Lower Upper

76 100

78 9.1 7.5 11.3

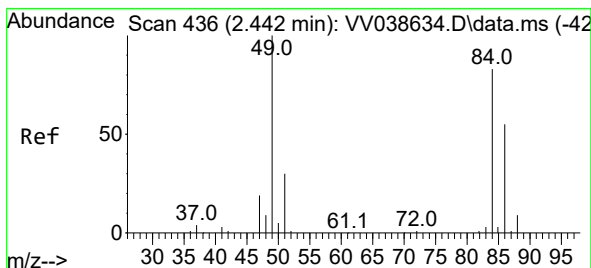
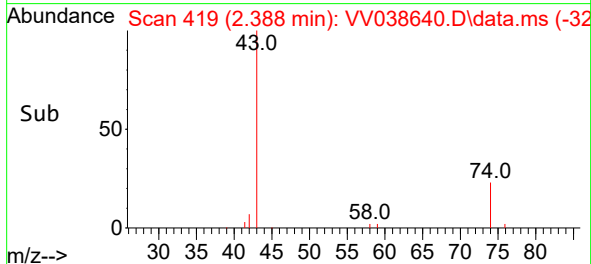
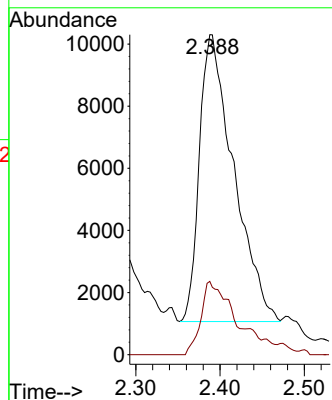
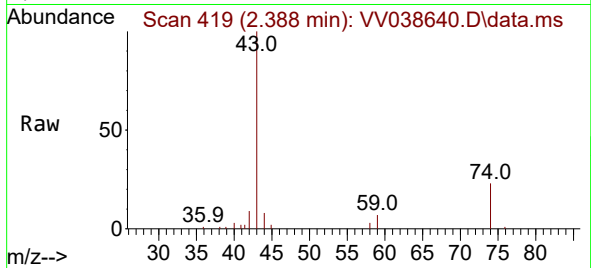




#15
Methyl Acetate
Concen: 3.99 ug/L
RT: 2.388 min Scan# 418
Delta R.T. 0.004 min
Lab File: VV038640.D
Acq: 07 Feb 2025 10:09

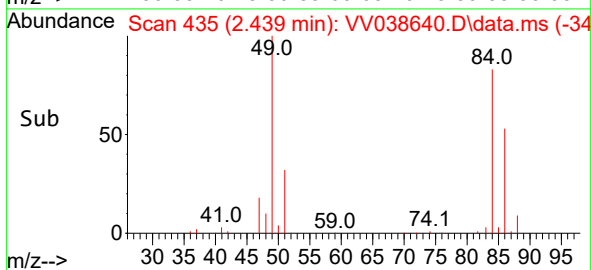
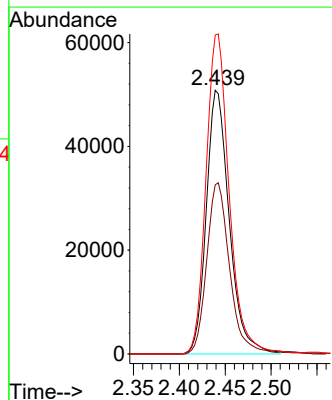
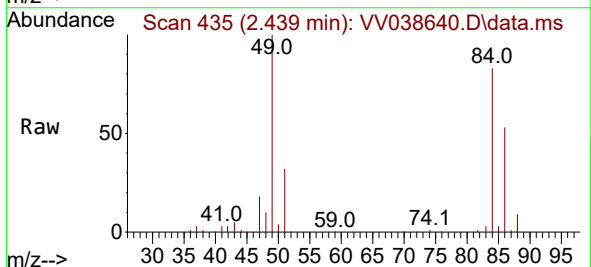
Instrument :
MSVOA_V
ClientSampleId :
VSTD005340

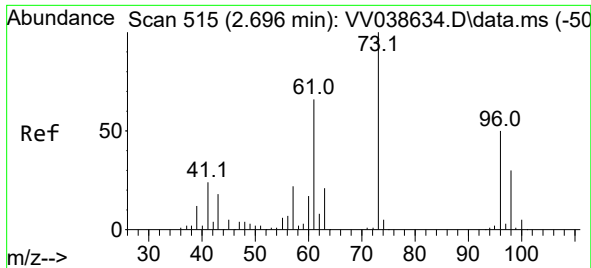
Tgt Ion: 43 Resp: 26152
Ion Ratio Lower Upper
43 100
74 26.9 18.6 27.8



#16
Methylene chloride
Concen: 4.75 ug/L
RT: 2.439 min Scan# 435
Delta R.T. -0.003 min
Lab File: VV038640.D
Acq: 07 Feb 2025 10:09

Tgt Ion: 84 Resp: 88752
Ion Ratio Lower Upper
84 100
86 64.2 46.0 85.4
49 121.0 83.9 155.9

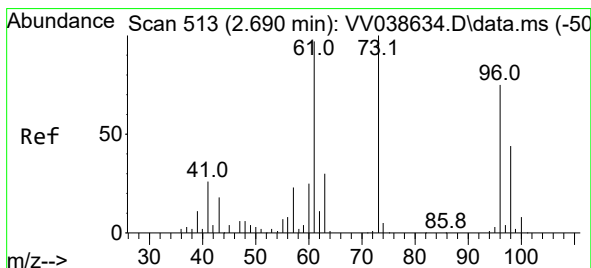
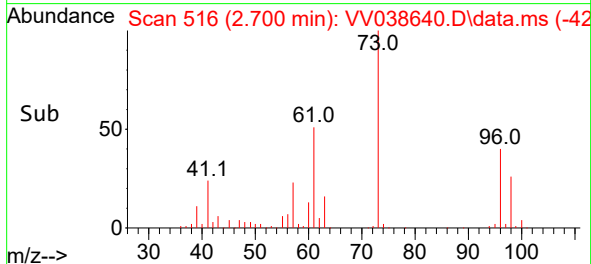
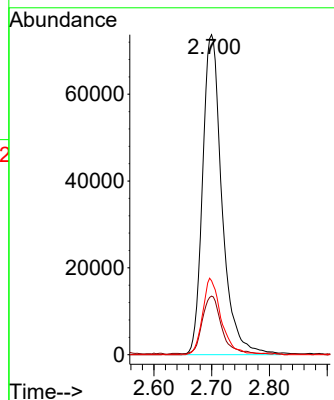
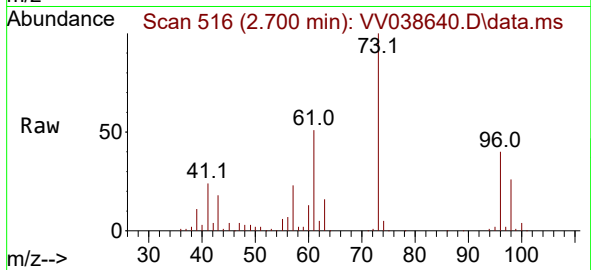




#17
Methyl tert-butyl Ether
Concen: 5.13 ug/L
RT: 2.700 min Scan# 516
Delta R.T. 0.004 min
Lab File: VV038640.D
Acq: 07 Feb 2025 10:09

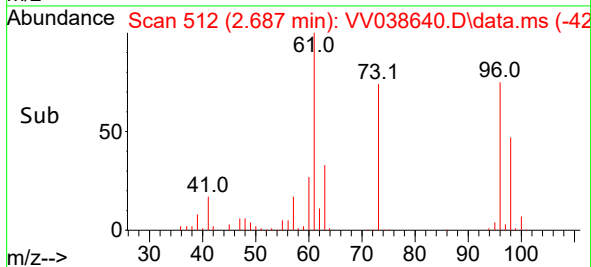
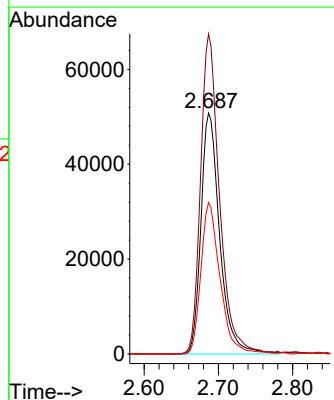
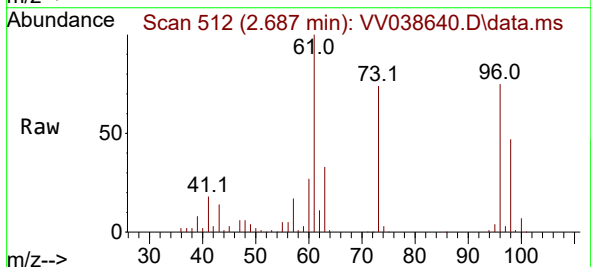
Instrument :
MSVOA_V
ClientSampleId :
VSTD005340

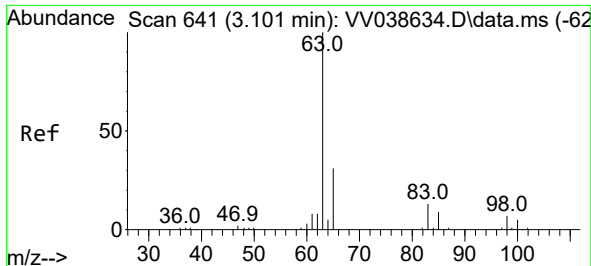
Tgt Ion: 73 Resp: 172314
Ion Ratio Lower Upper
73 100
43 17.4 14.6 22.0
57 22.8 18.2 27.2



#18
trans-1,2-Dichloroethene
Concen: 5.42 ug/L
RT: 2.687 min Scan# 512
Delta R.T. -0.003 min
Lab File: VV038640.D
Acq: 07 Feb 2025 10:09

Tgt Ion: 96 Resp: 89048
Ion Ratio Lower Upper
96 100
61 132.8 91.4 169.8
98 62.8 41.6 77.2





#19

1,1-Dichloroethane

Concen: 5.23 ug/L

RT: 3.102 min Scan# 641

Delta R.T. 0.001 min

Lab File: VV038640.D

Acq: 07 Feb 2025 10:09

Instrument :

MSVOA_V

ClientSampleId :

VSTD005340

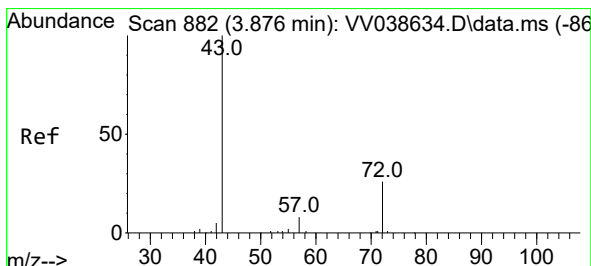
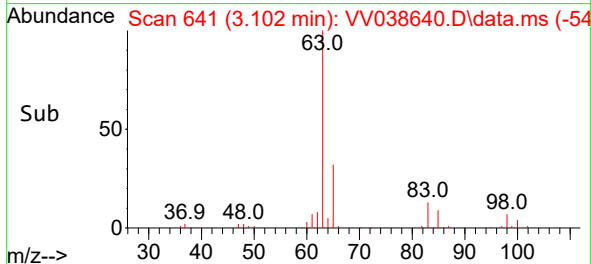
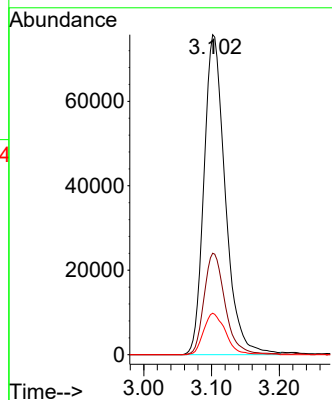
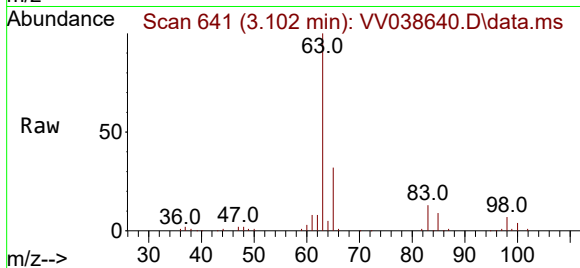
Tgt Ion: 63 Resp: 165536

Ion Ratio Lower Upper

63 100

65 31.7 21.8 40.4

83 13.0 9.2 17.2



#21

2-Butanone

Concen: 42.19 ug/L

RT: 3.909 min Scan# 892

Delta R.T. 0.033 min

Lab File: VV038640.D

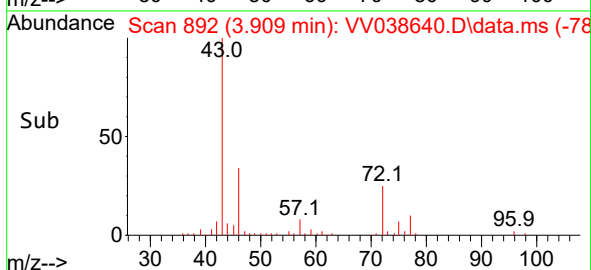
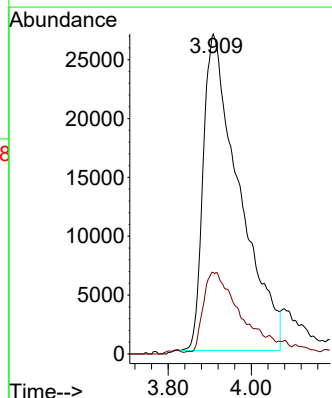
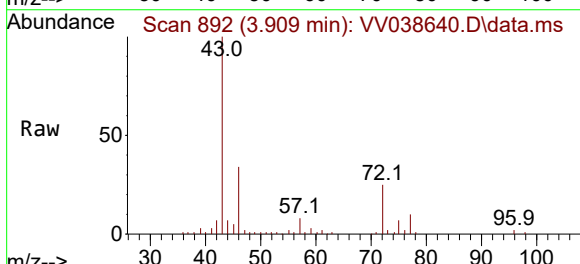
Acq: 07 Feb 2025 10:09

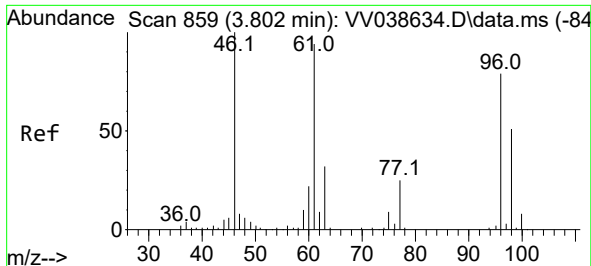
Tgt Ion: 43 Resp: 161219

Ion Ratio Lower Upper

43 100

72 24.5 11.9 35.5

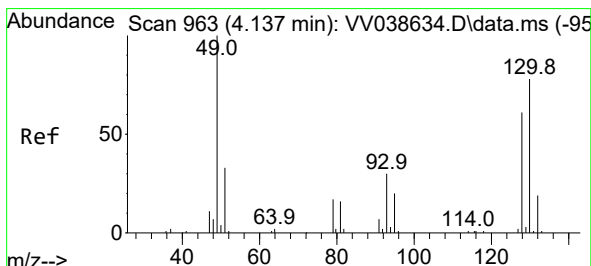
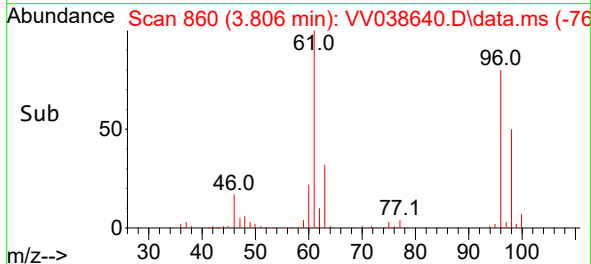
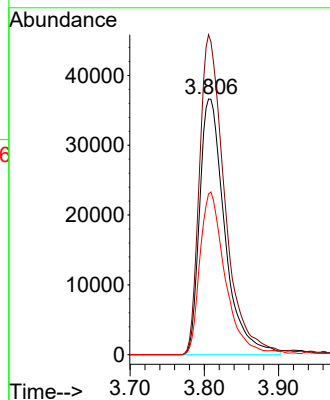
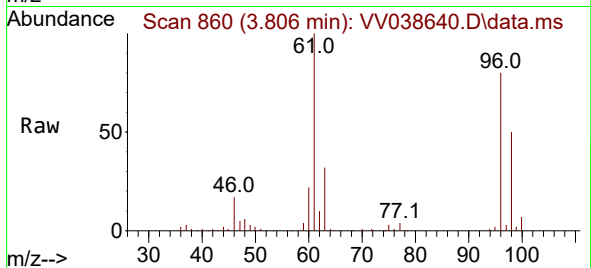




#22
cis-1,2-Dichloroethene
Concen: 5.09 ug/L
RT: 3.806 min Scan# 859
Delta R.T. 0.004 min
Lab File: VV038640.D
Acq: 07 Feb 2025 10:09

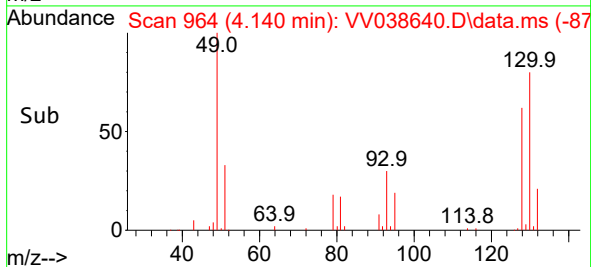
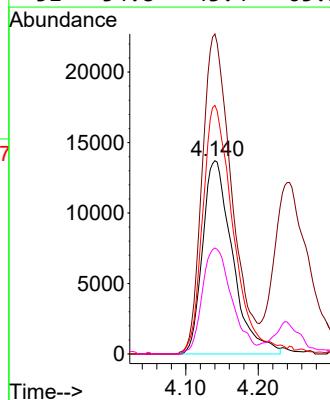
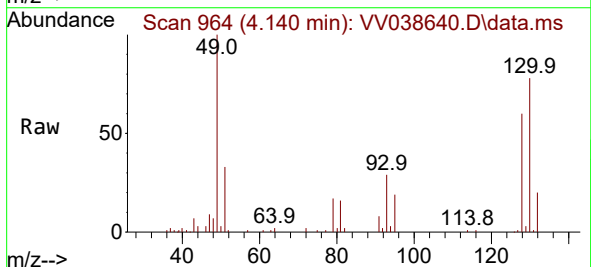
Instrument :
MSVOA_V
ClientSampleId :
VSTD005340

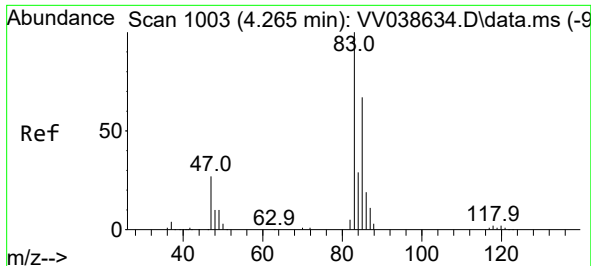
Tgt Ion: 96 Resp: 86300
Ion Ratio Lower Upper
96 100
61 125.2 83.6 155.2
98 62.9 45.6 84.8



#23
Bromochloromethane
Concen: 4.87 ug/L
RT: 4.140 min Scan# 964
Delta R.T. 0.003 min
Lab File: VV038640.D
Acq: 07 Feb 2025 10:09

Tgt Ion: 128 Resp: 39250
Ion Ratio Lower Upper
128 100
49 165.5 116.0 215.4
130 128.5 90.2 167.6
51 54.8 43.4 65.2





#25

Chloroform

Concen: 5.23 ug/L

RT: 4.262 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV038640.D

Acq: 07 Feb 2025 10:09

Instrument :

MSVOA_V

ClientSampleId :

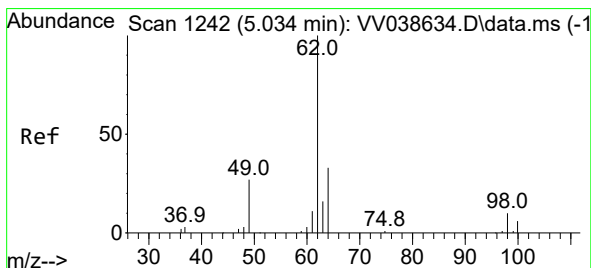
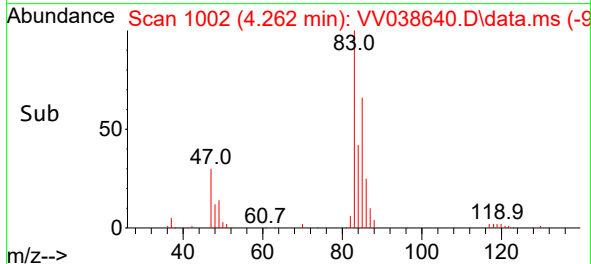
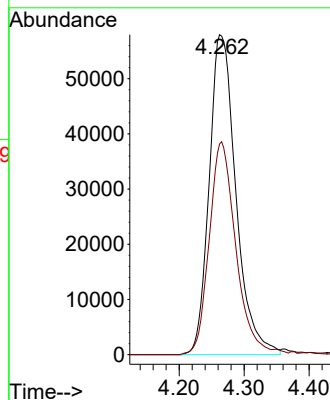
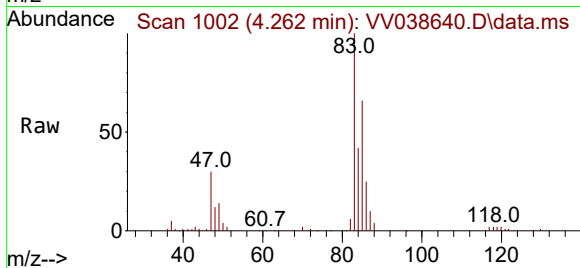
VSTD005340

Tgt Ion: 83 Resp: 165487

Ion Ratio Lower Upper

83 100

85 65.9 47.2 87.6



#27

1,2-Dichloroethane

Concen: 4.87 ug/L

RT: 5.034 min Scan# 1242

Delta R.T. -0.000 min

Lab File: VV038640.D

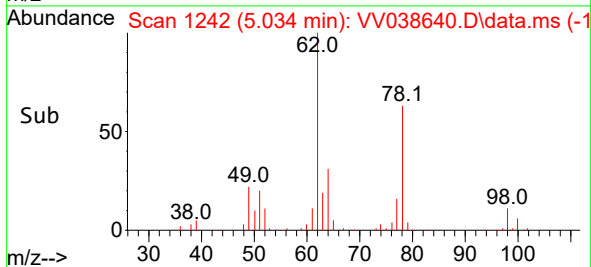
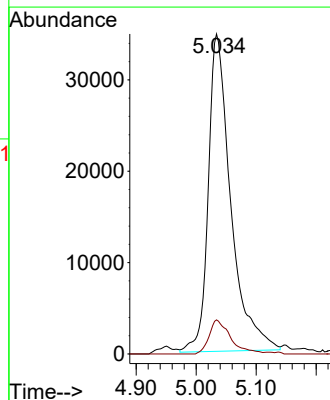
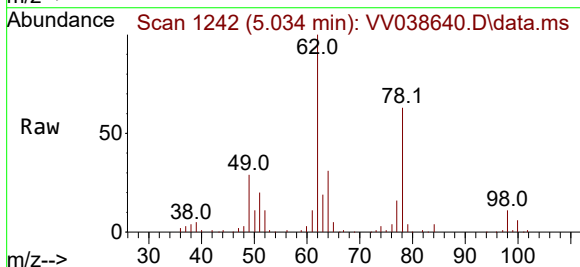
Acq: 07 Feb 2025 10:09

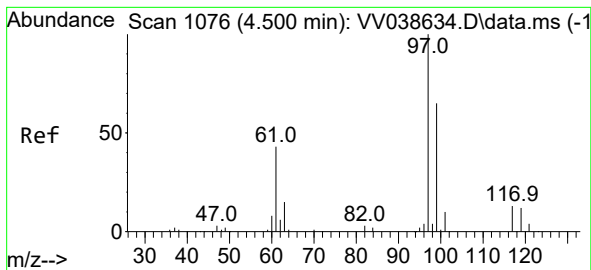
Tgt Ion: 62 Resp: 90642

Ion Ratio Lower Upper

62 100

98 10.7 7.7 11.5





#29

1,1,1-Trichloroethane

Concen: 5.13 ug/L

RT: 4.500 min Scan# 1076

Delta R.T. 0.000 min

Lab File: VV038640.D

Acq: 07 Feb 2025 10:09

Instrument :

MSVOA_V

ClientSampleId :

VSTD005340

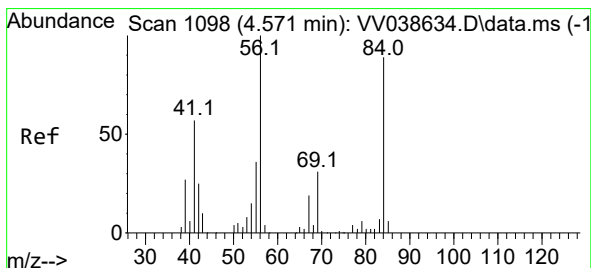
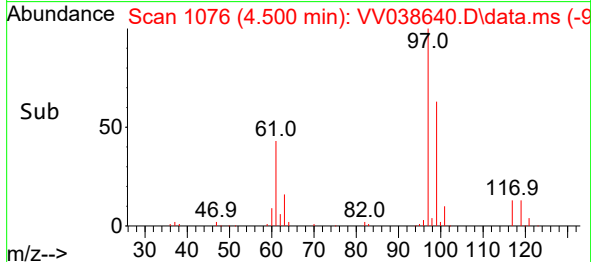
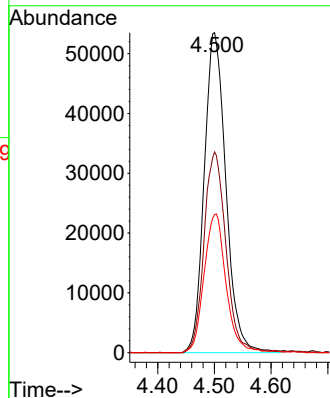
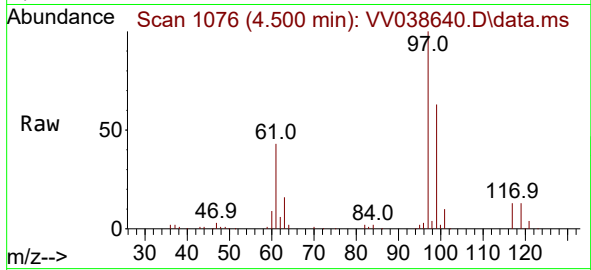
Tgt Ion: 97 Resp: 142204

Ion Ratio Lower Upper

97 100

99 63.5 50.9 76.3

61 43.8 35.8 53.6



#30

Cyclohexane

Concen: 5.58 ug/L

RT: 4.571 min Scan# 1098

Delta R.T. -0.000 min

Lab File: VV038640.D

Acq: 07 Feb 2025 10:09

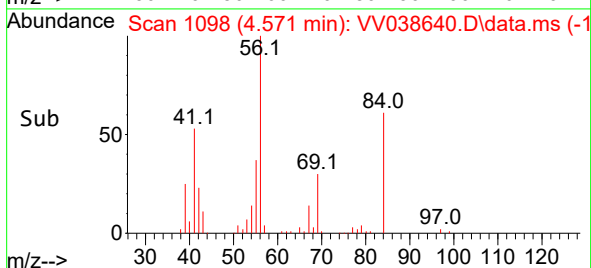
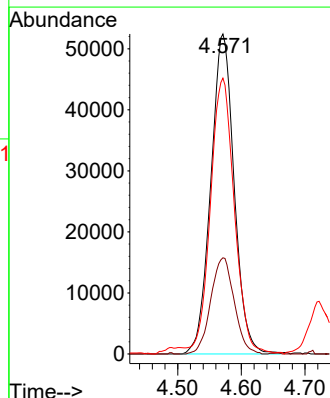
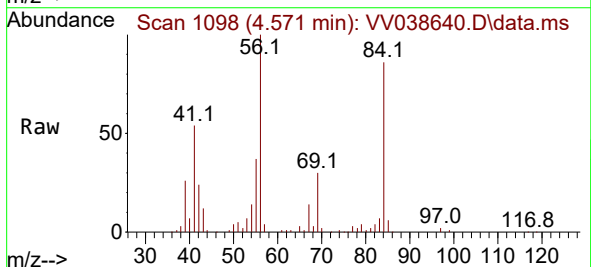
Tgt Ion: 56 Resp: 133580

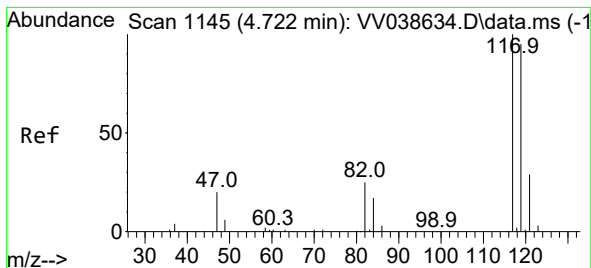
Ion Ratio Lower Upper

56 100

69 30.2 24.0 36.0

84 87.1 72.7 109.1

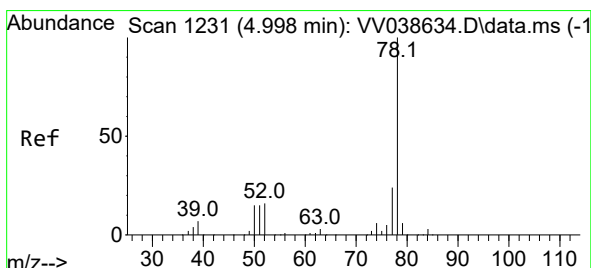
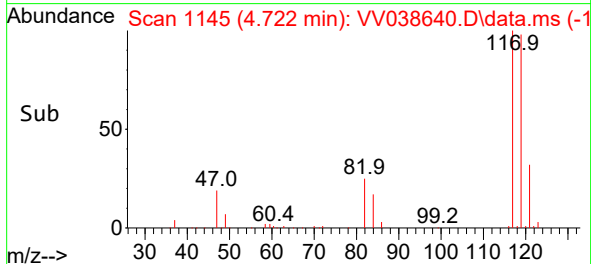
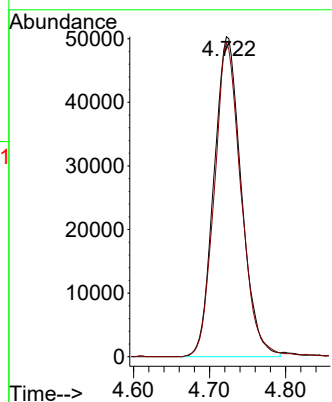
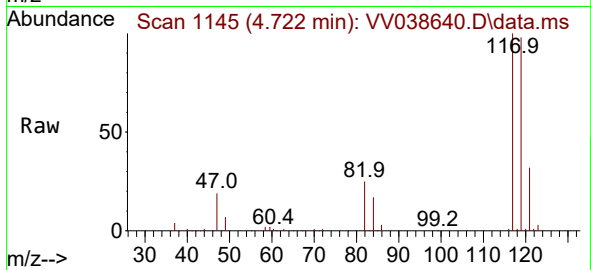




#31
Carbon tetrachloride
Concen: 5.20 ug/L
RT: 4.722 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VV038640.D
Acq: 07 Feb 2025 10:09

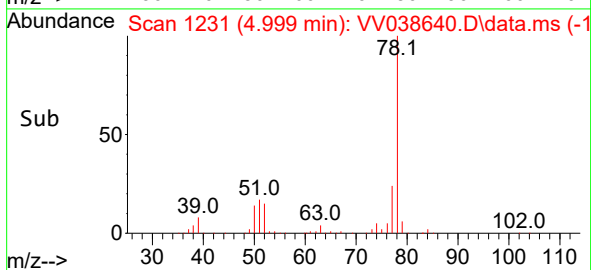
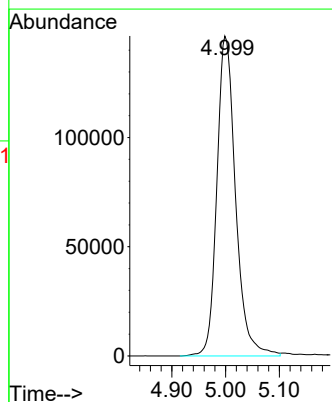
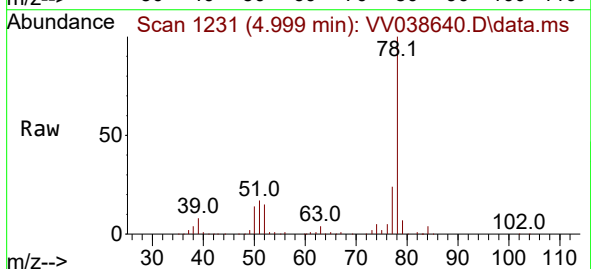
Instrument :
MSVOA_V
ClientSampleId :
VSTD005340

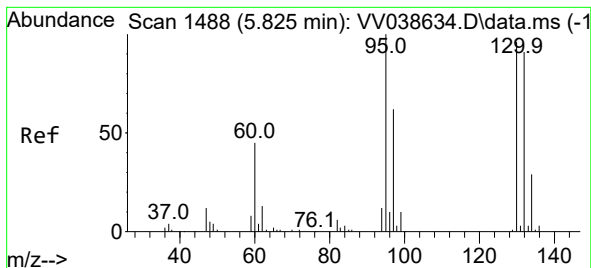
Tgt Ion:117 Resp: 125733
Ion Ratio Lower Upper
117 100
119 96.2 76.5 114.7



#33
Benzene
Concen: 5.69 ug/L
RT: 4.999 min Scan# 1231
Delta R.T. 0.001 min
Lab File: VV038640.D
Acq: 07 Feb 2025 10:09

Tgt Ion: 78 Resp: 354178





#34

Trichloroethene

Concen: 5.65 ug/L

RT: 5.825 min Scan# 1488

Delta R.T. -0.000 min

Lab File: VV038640.D

Acq: 07 Feb 2025 10:09

Instrument :

MSVOA_V

ClientSampleId :

VSTD005340

Tgt Ion: 95 Resp: 90332

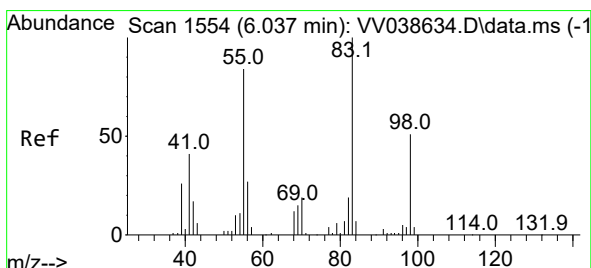
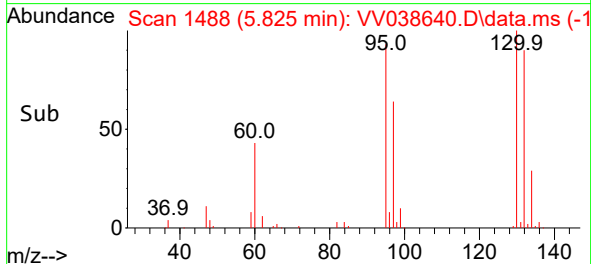
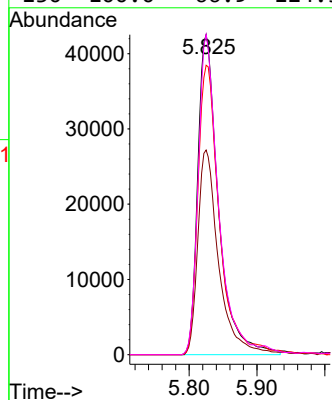
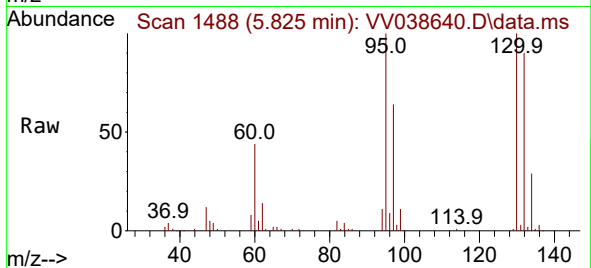
Ion Ratio Lower Upper

95 100

97 64.0 43.5 80.9

132 90.5 64.0 118.8

130 100.0 66.9 124.3



#35

Methylcyclohexane

Concen: 5.60 ug/L

RT: 6.040 min Scan# 1555

Delta R.T. 0.003 min

Lab File: VV038640.D

Acq: 07 Feb 2025 10:09

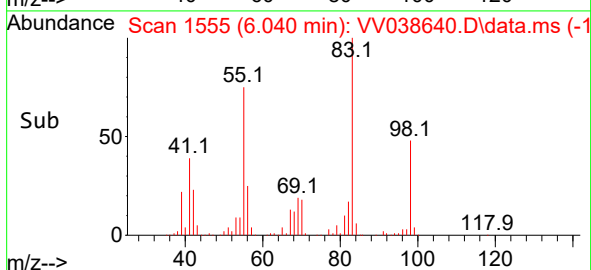
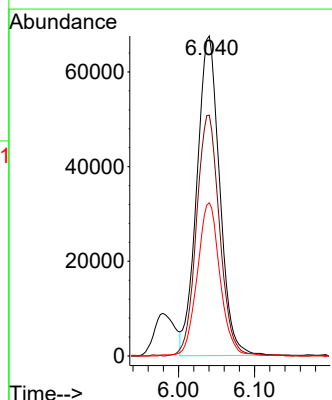
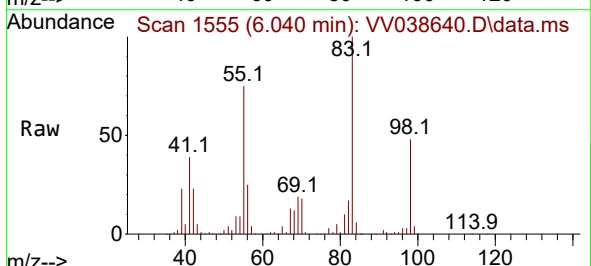
Tgt Ion: 83 Resp: 140693

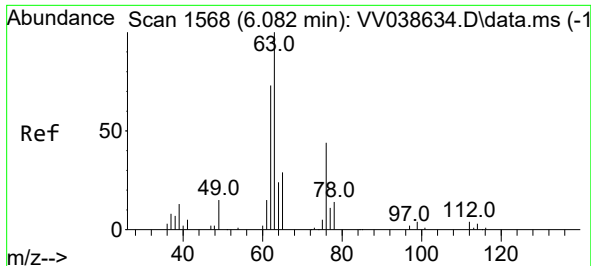
Ion Ratio Lower Upper

83 100

55 76.8 62.6 94.0

98 47.3 38.7 58.1





#37

1,2-Dichloropropane

Concen: 5.42 ug/L

RT: 6.082 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV038640.D

Acq: 07 Feb 2025 10:09

Instrument :

MSVOA_V

ClientSampleId :

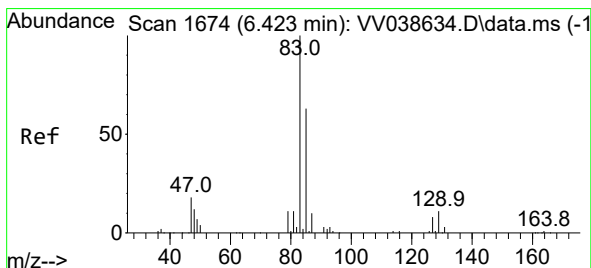
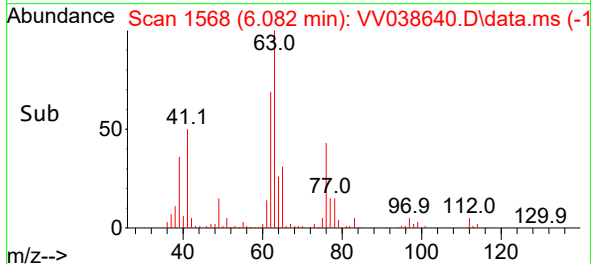
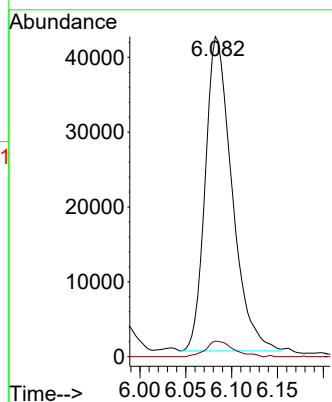
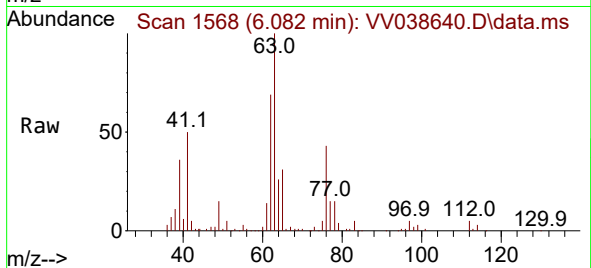
VSTD005340

Tgt Ion: 63 Resp: 85249

Ion Ratio Lower Upper

63 100

112 5.1 3.6 5.4



#38

Bromodichloromethane

Concen: 5.07 ug/L

RT: 6.423 min Scan# 1674

Delta R.T. -0.000 min

Lab File: VV038640.D

Acq: 07 Feb 2025 10:09

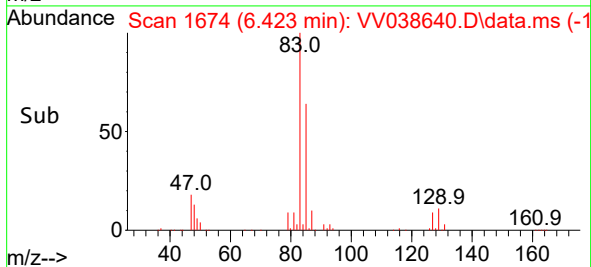
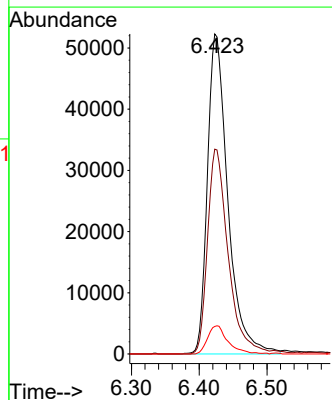
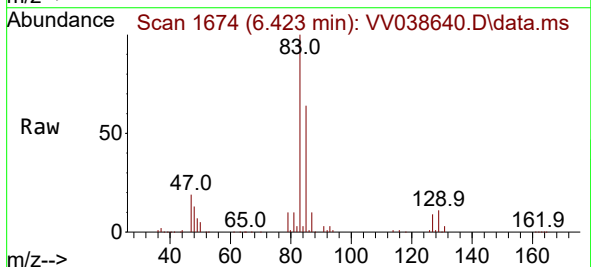
Tgt Ion: 83 Resp: 109504

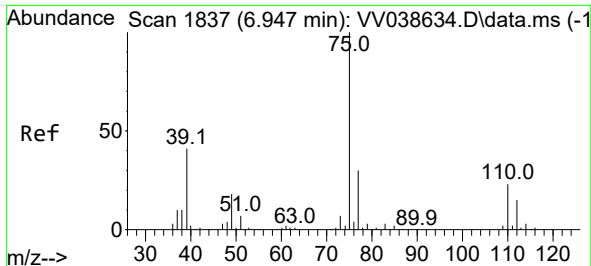
Ion Ratio Lower Upper

83 100

85 64.0 44.0 81.6

127 8.6 6.2 9.4





#39

cis-1,3-Dichloropropene

Concen: 5.57 ug/L

RT: 6.947 min Scan# 11

Delta R.T. 0.000 min

Lab File: VV038640.D

Acq: 07 Feb 2025 10:09

Instrument :

MSVOA_V

ClientSampleId :

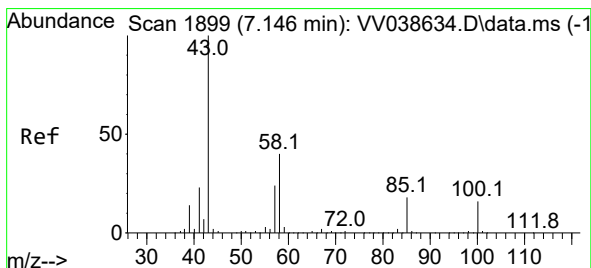
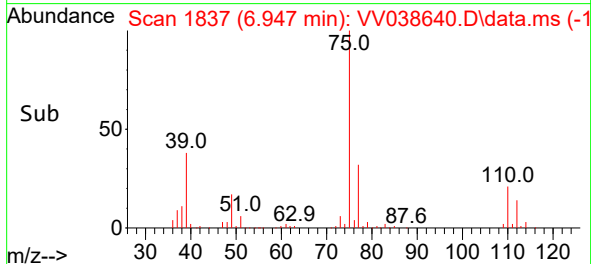
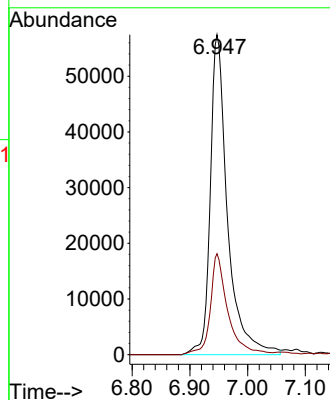
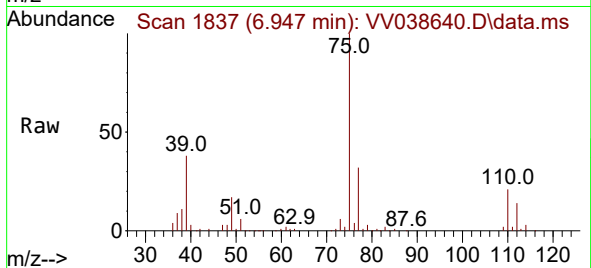
VSTD005340

Tgt Ion: 75 Resp: 119218

Ion Ratio Lower Upper

75 100

77 31.6 21.3 39.5



#40

4-Methyl-2-pentanone

Concen: 51.39 ug/L

RT: 7.150 min Scan# 1900

Delta R.T. 0.004 min

Lab File: VV038640.D

Acq: 07 Feb 2025 10:09

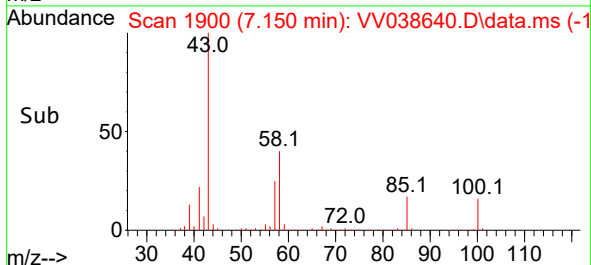
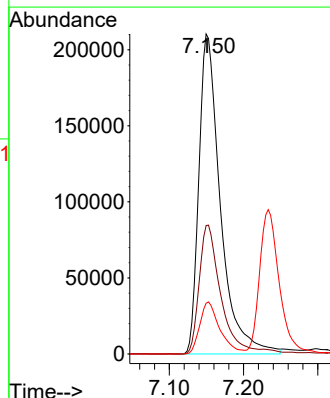
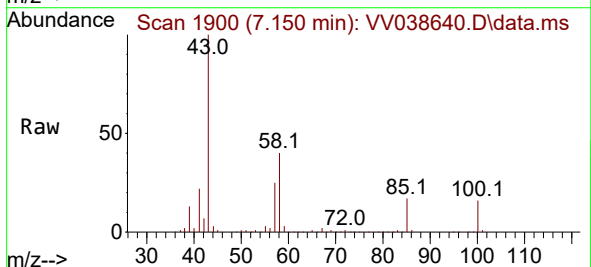
Tgt Ion: 43 Resp: 424338

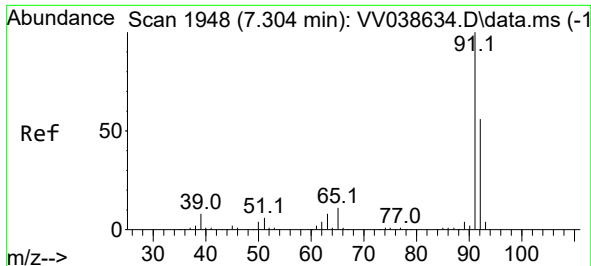
Ion Ratio Lower Upper

43 100

58 40.8 31.1 46.7

100 15.2 12.0 18.0

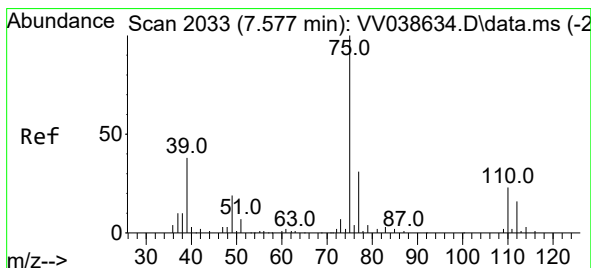
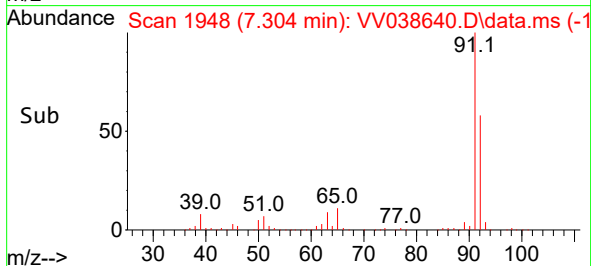
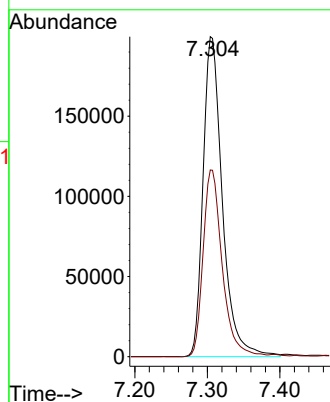
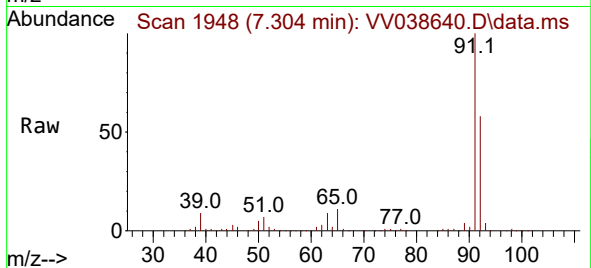




#42
Toluene
Concen: 5.59 ug/L
RT: 7.304 min Scan# 1948
Delta R.T. -0.000 min
Lab File: VV038640.D
Acq: 07 Feb 2025 10:09

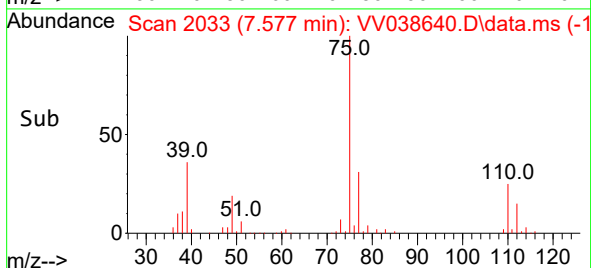
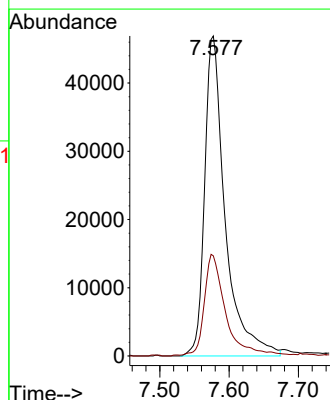
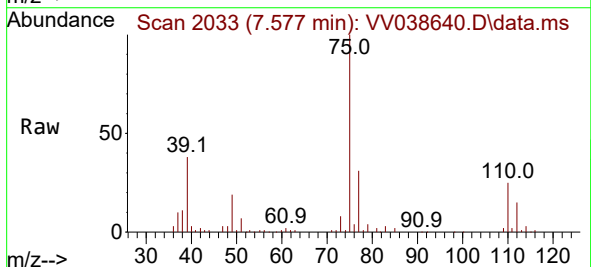
Instrument :
MSVOA_V
ClientSampleId :
VSTD005340

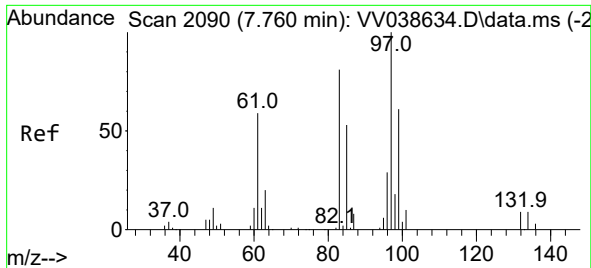
Tgt Ion: 91 Resp: 369582
Ion Ratio Lower Upper
91 100
92 58.4 39.3 72.9



#44
trans-1,3-Dichloropropene
Concen: 5.36 ug/L
RT: 7.577 min Scan# 2033
Delta R.T. 0.000 min
Lab File: VV038640.D
Acq: 07 Feb 2025 10:09

Tgt Ion: 75 Resp: 96429
Ion Ratio Lower Upper
75 100
77 31.3 21.4 39.8



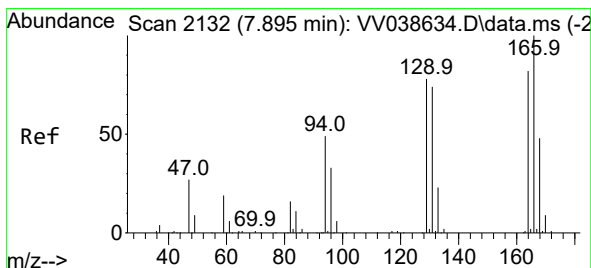
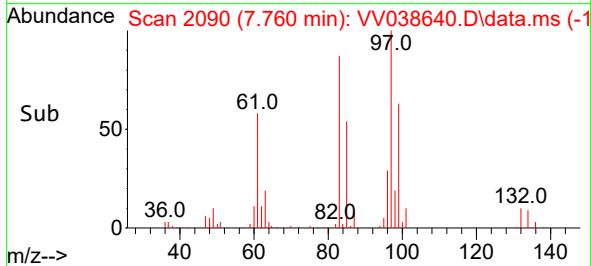
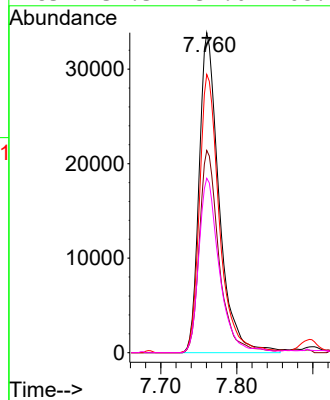
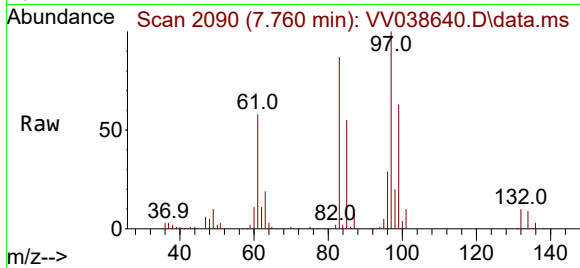


#45
1,1,2-Trichloroethane
Concen: 5.01 ug/L
RT: 7.760 min Scan# 2090
Delta R.T. 0.000 min
Lab File: VV038640.D
Acq: 07 Feb 2025 10:09

Instrument :
MSVOA_V
ClientSampleId :
VSTD005340

Tgt Ion: 97 Resp: 61575

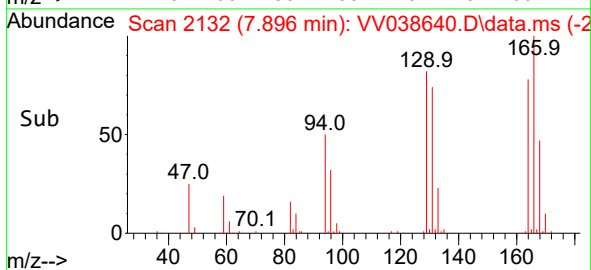
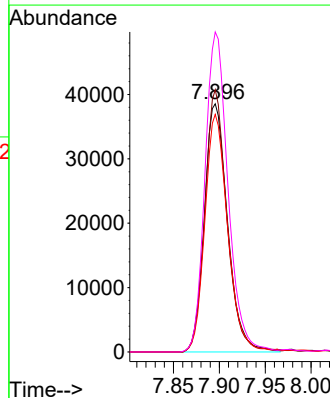
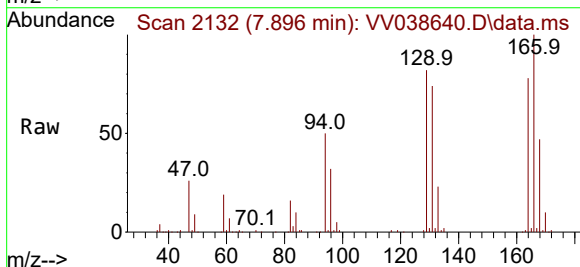
Ion	Ratio	Lower	Upper
97	100		
99	63.2	42.7	79.3
83	86.9	57.2	106.2
85	54.5	37.0	68.8

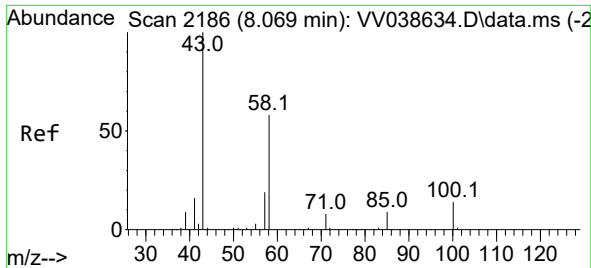


#47
Tetrachloroethene
Concen: 5.46 ug/L
RT: 7.896 min Scan# 2132
Delta R.T. 0.001 min
Lab File: VV038640.D
Acq: 07 Feb 2025 10:09

Tgt Ion: 164 Resp: 67839

Ion	Ratio	Lower	Upper
164	100		
129	105.7	66.3	123.1
131	95.8	63.2	117.4
166	128.9	85.4	158.6

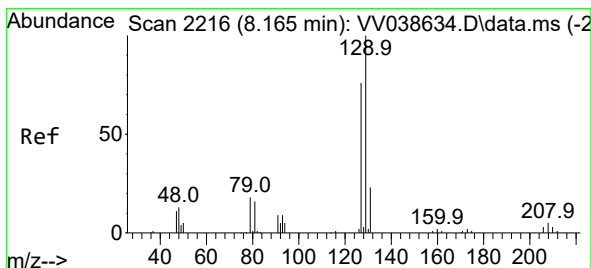
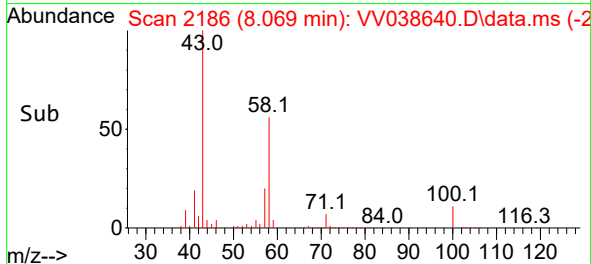
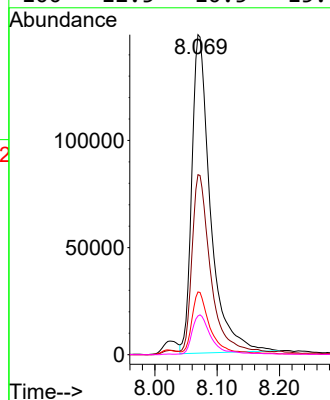
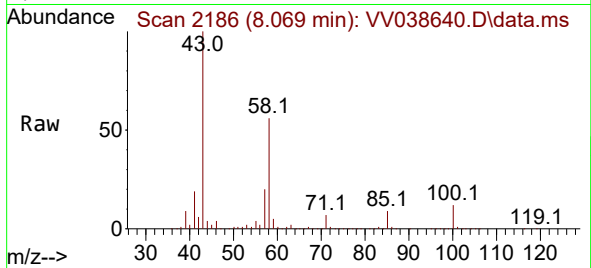




#48
2-Hexanone
Concen: 50.66 ug/L
RT: 8.069 min Scan# 2186
Delta R.T. 0.000 min
Lab File: VV038640.D
Acq: 07 Feb 2025 10:09

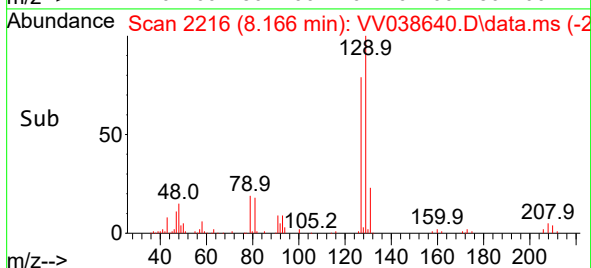
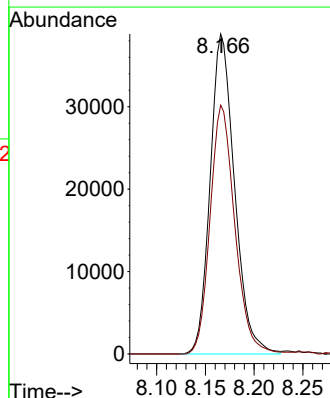
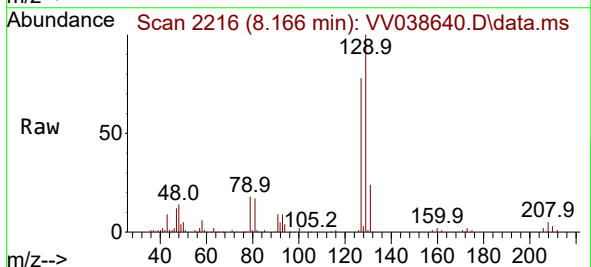
Instrument :
MSVOA_V
ClientSampleId :
VSTD005340

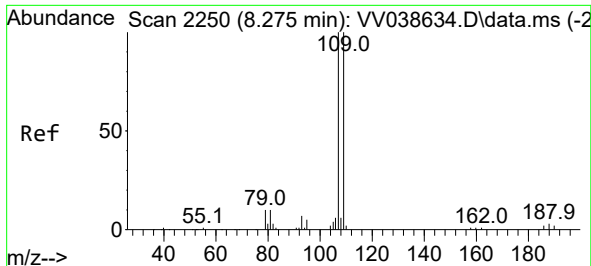
Tgt Ion:	43	Resp:	308702
Ion	Ratio	Lower	Upper
43	100		
58	55.5	46.1	69.1
57	19.3	15.0	22.6
100	12.5	10.5	15.7



#49
Dibromochloromethane
Concen: 4.97 ug/L
RT: 8.166 min Scan# 2216
Delta R.T. 0.001 min
Lab File: VV038640.D
Acq: 07 Feb 2025 10:09

Tgt Ion:	129	Resp:	67782
Ion	Ratio	Lower	Upper
129	100		
127	77.7	53.5	99.3

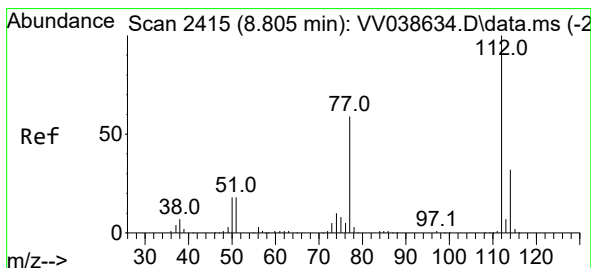
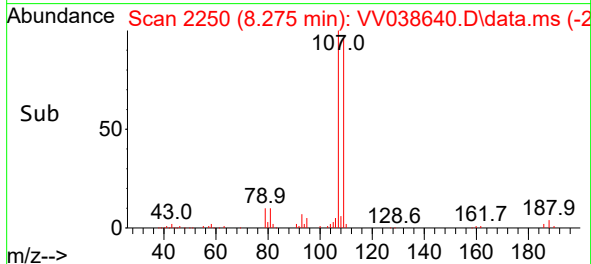
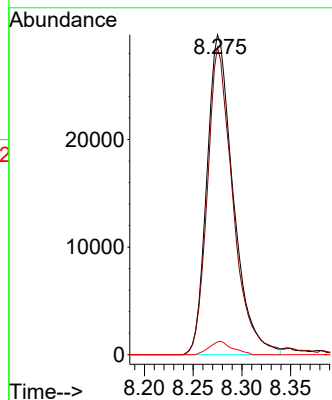
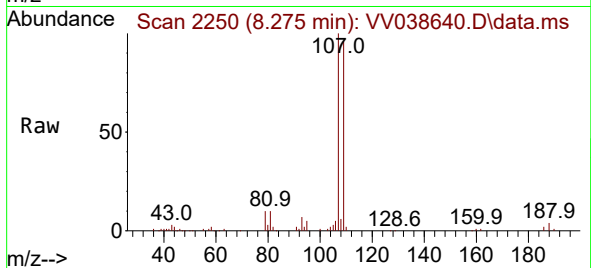




#50
1,2-Dibromoethane
Concen: 4.92 ug/L
RT: 8.275 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV038640.D
Acq: 07 Feb 2025 10:09

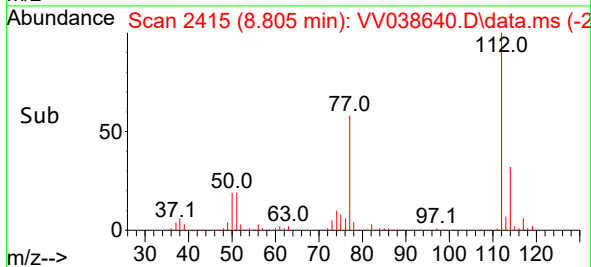
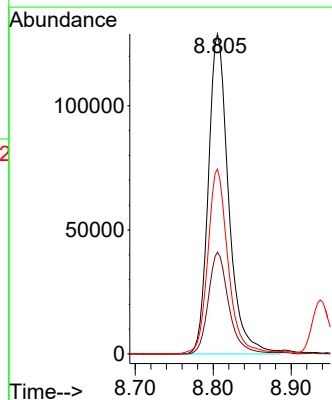
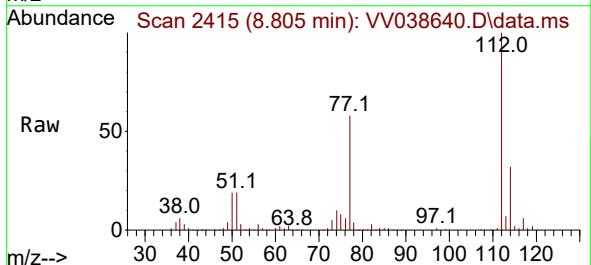
Instrument :
MSVOA_V
ClientSampleId :
VSTD005340

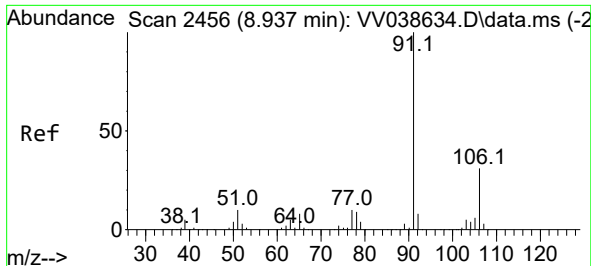
Tgt Ion:107 Resp: 55957
Ion Ratio Lower Upper
107 100
109 96.1 70.2 130.4
188 4.0 2.8 4.2



#51
Chlorobenzene
Concen: 5.37 ug/L
RT: 8.805 min Scan# 2415
Delta R.T. 0.000 min
Lab File: VV038640.D
Acq: 07 Feb 2025 10:09

Tgt Ion:112 Resp: 233040
Ion Ratio Lower Upper
112 100
114 31.8 22.6 42.0
77 57.7 47.0 70.6

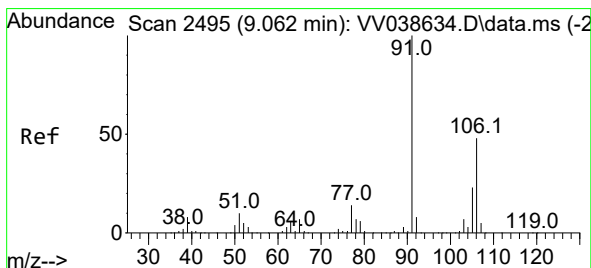
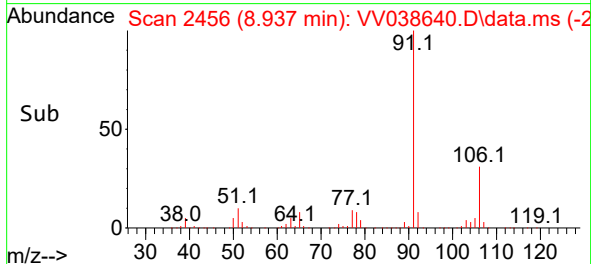
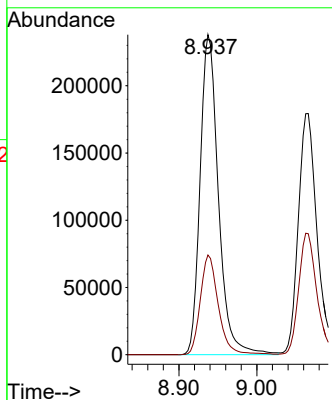
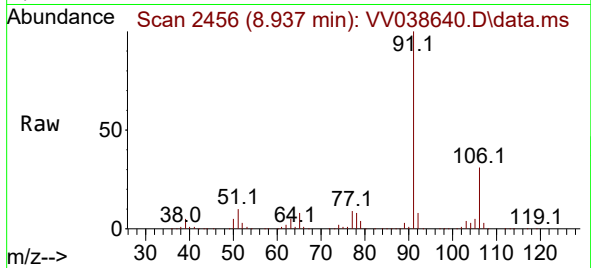




#52
Ethylbenzene
Concen: 5.53 ug/L
RT: 8.937 min Scan# 2456
Delta R.T. 0.000 min
Lab File: VV038640.D
Acq: 07 Feb 2025 10:09

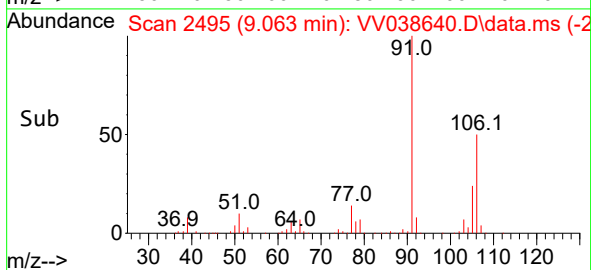
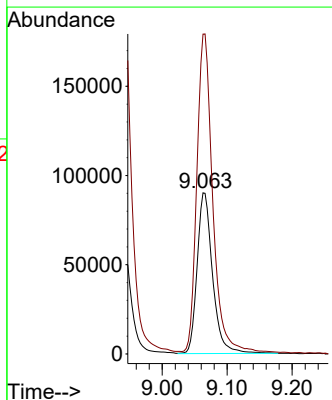
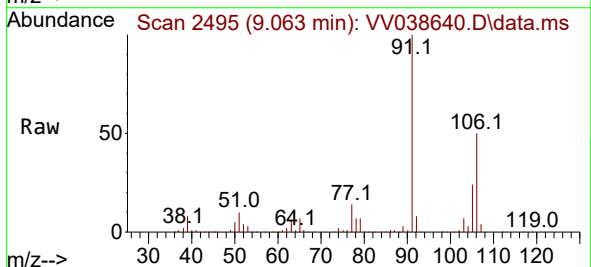
Instrument :
MSVOA_V
ClientSampleId :
VSTD005340

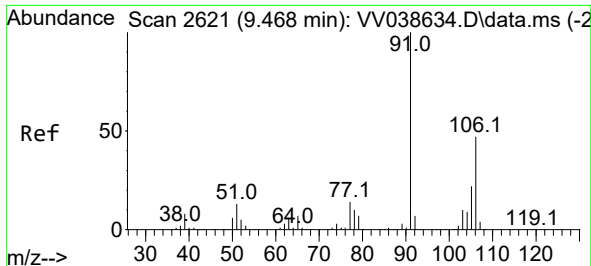
Tgt Ion: 91 Resp: 387783
Ion Ratio Lower Upper
91 100
106 31.1 21.3 39.6



#53
m,p-Xylene
Concen: 5.79 ug/L
RT: 9.063 min Scan# 2495
Delta R.T. 0.001 min
Lab File: VV038640.D
Acq: 07 Feb 2025 10:09

Tgt Ion: 106 Resp: 149650
Ion Ratio Lower Upper
106 100
91 198.5 146.3 271.7

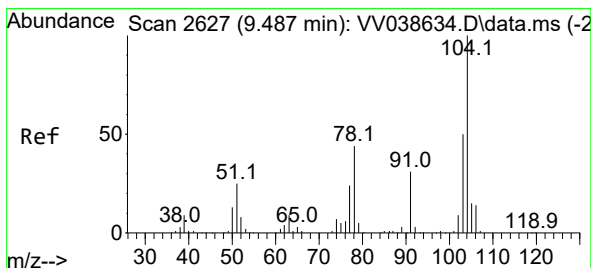
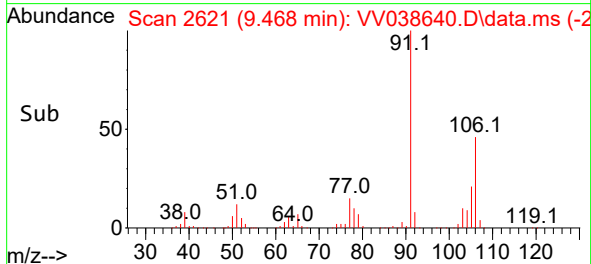
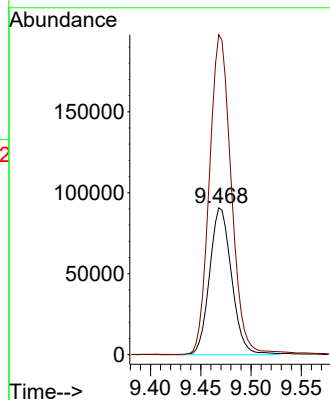
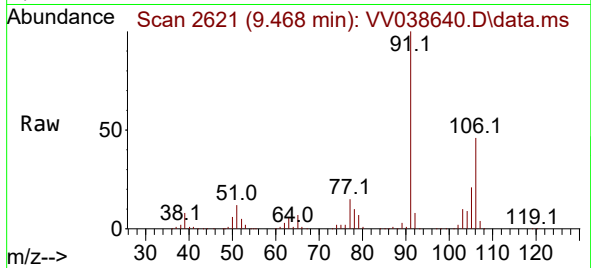




#54
o-Xylene
Concen: 5.47 ug/L
RT: 9.468 min Scan# 2621
Delta R.T. -0.000 min
Lab File: VV038640.D
Acq: 07 Feb 2025 10:09

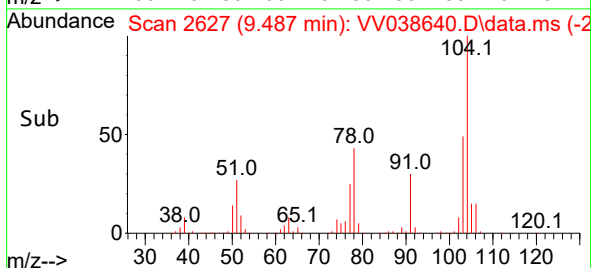
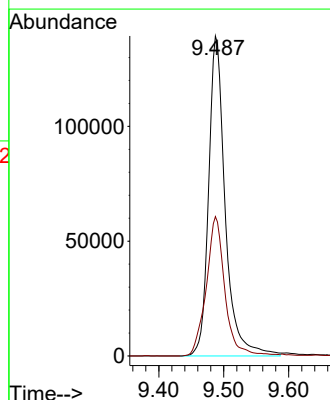
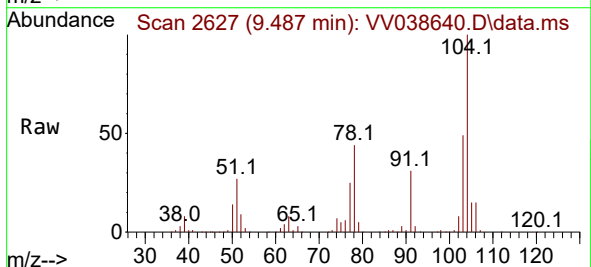
Instrument :
MSVOA_V
ClientSampleId :
VSTD005340

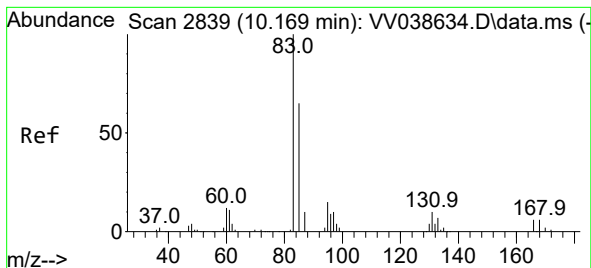
Tgt Ion:106 Resp: 138012
Ion Ratio Lower Upper
106 100
91 217.9 150.8 280.0



#55
Styrene
Concen: 5.82 ug/L
RT: 9.487 min Scan# 2627
Delta R.T. 0.000 min
Lab File: VV038640.D
Acq: 07 Feb 2025 10:09

Tgt Ion:104 Resp: 248008
Ion Ratio Lower Upper
104 100
78 43.5 30.5 56.7

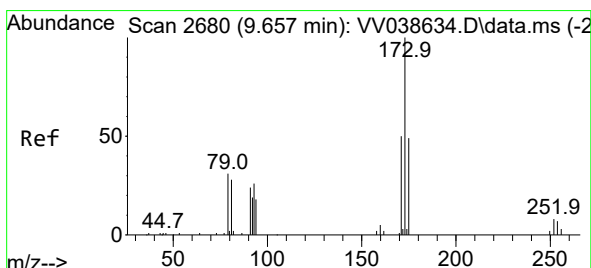
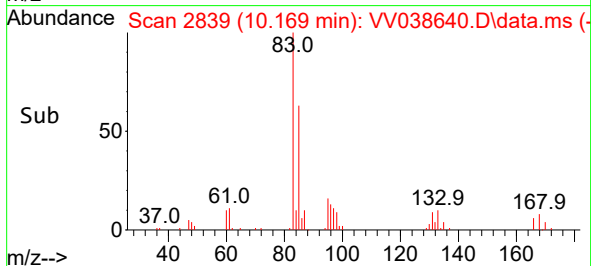
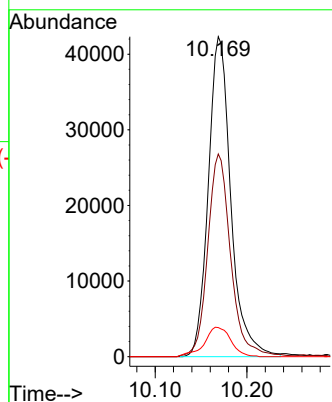
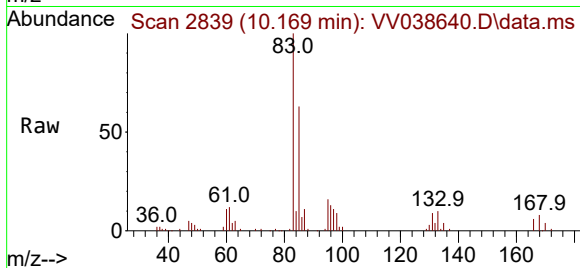




#57
 1,1,2,2-Tetrachloroethane
 Concen: 4.78 ug/L
 RT: 10.169 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV038640.D
 Acq: 07 Feb 2025 10:09

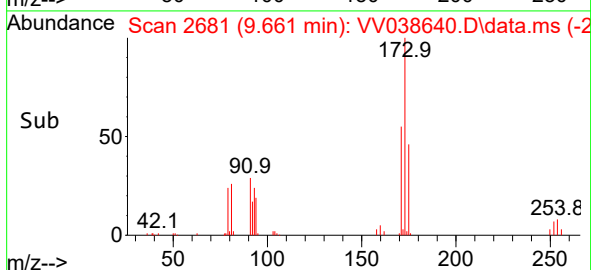
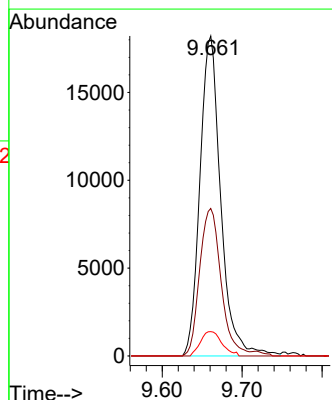
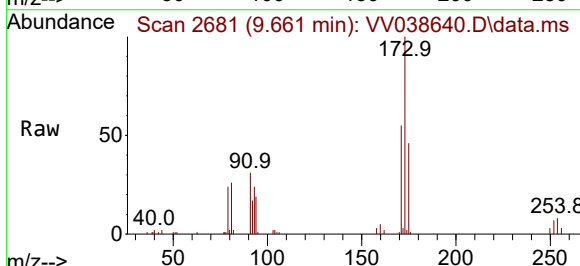
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005340

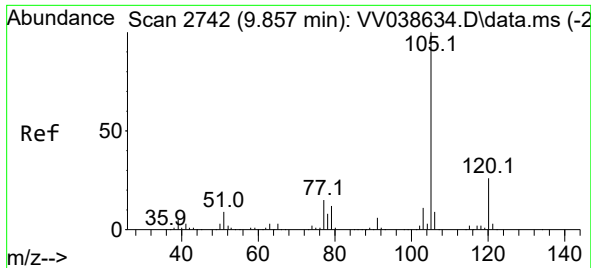
Tgt Ion: 83 Resp: 72296
 Ion Ratio Lower Upper
 83 100
 85 63.4 46.1 85.5
 131 9.1 8.5 12.7



#59
 Bromoform
 Concen: 4.77 ug/L
 RT: 9.661 min Scan# 2681
 Delta R.T. 0.004 min
 Lab File: VV038640.D
 Acq: 07 Feb 2025 10:09

Tgt Ion: 173 Resp: 32957
 Ion Ratio Lower Upper
 173 100
 175 47.4 39.5 59.3
 254 7.9 5.7 8.5

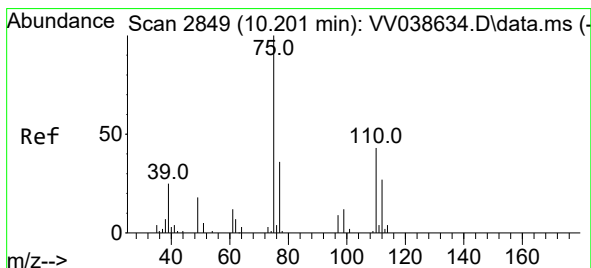
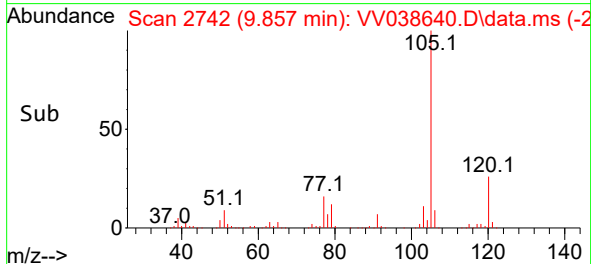
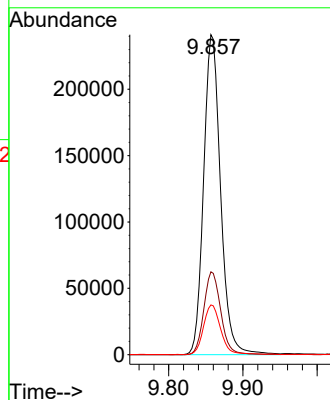
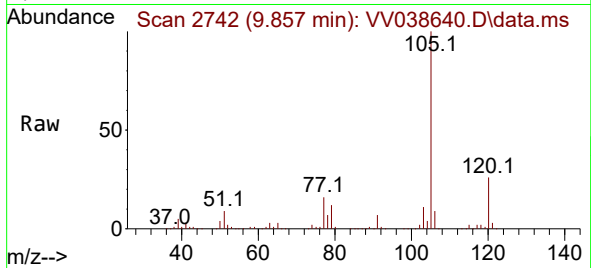




#60
Isopropylbenzene
Concen: 5.63 ug/L
RT: 9.857 min Scan# 2742
Delta R.T. -0.000 min
Lab File: VV038640.D
Acq: 07 Feb 2025 10:09

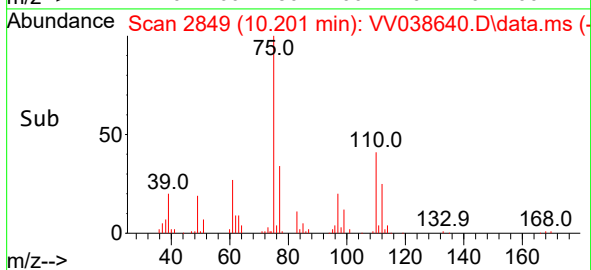
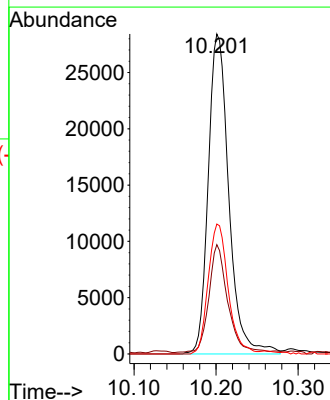
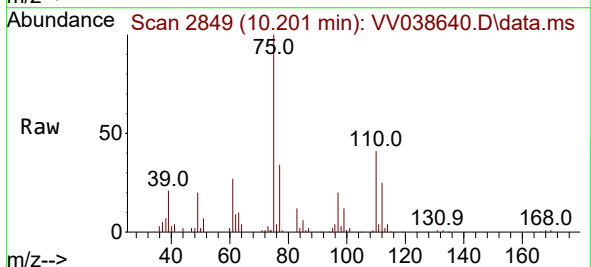
Instrument :
MSVOA_V
ClientSampleId :
VSTD005340

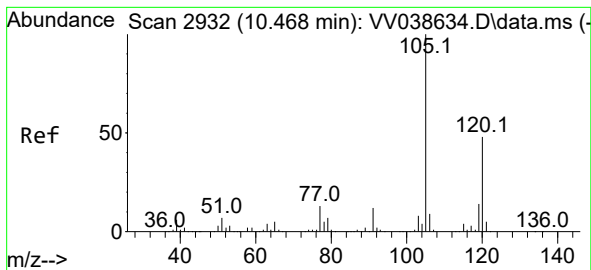
Tgt Ion:105 Resp: 382792
Ion Ratio Lower Upper
105 100
120 26.0 21.0 31.4
77 15.8 12.2 18.4



#61
1,2,3-Trichloropropane
Concen: 4.66 ug/L
RT: 10.201 min Scan# 2849
Delta R.T. -0.000 min
Lab File: VV038640.D
Acq: 07 Feb 2025 10:09

Tgt Ion: 75 Resp: 49576
Ion Ratio Lower Upper
75 100
77 30.7 25.5 38.3
110 39.3 30.9 46.3

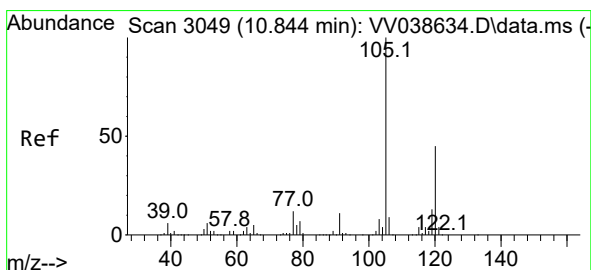
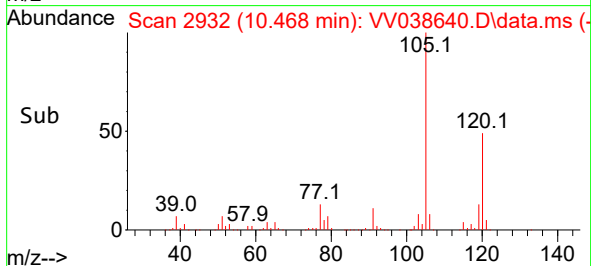
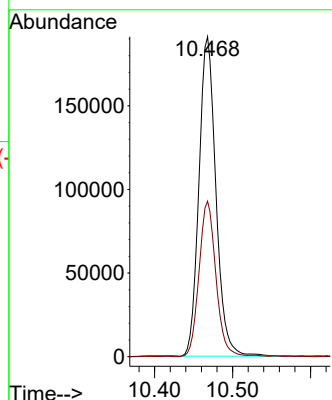
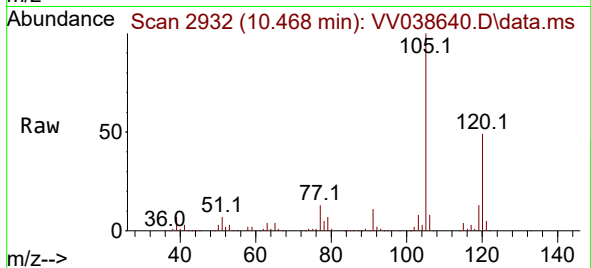




#62
 1,3,5-Trimethylbenzene
 Concen: 5.39 ug/L
 RT: 10.468 min Scan# 2932
 Delta R.T. -0.000 min
 Lab File: VV038640.D
 Acq: 07 Feb 2025 10:09

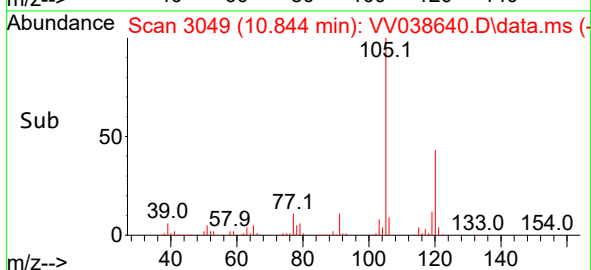
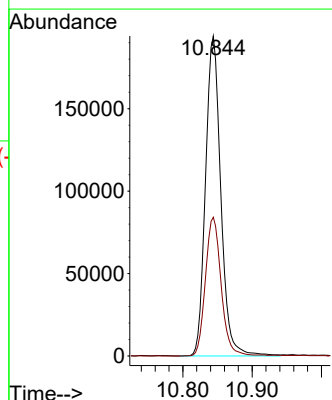
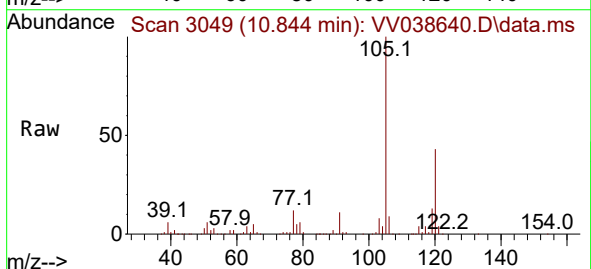
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005340

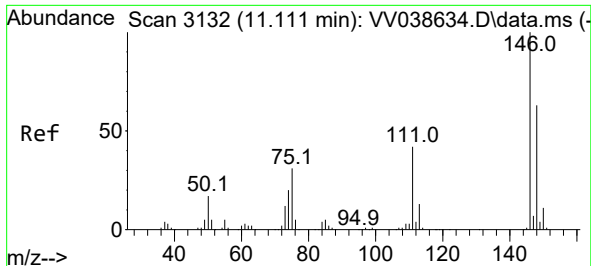
Tgt Ion:105 Resp: 288874
 Ion Ratio Lower Upper
 105 100
 120 48.3 38.3 57.5



#63
 1,2,4-Trimethylbenzene
 Concen: 5.58 ug/L
 RT: 10.844 min Scan# 3049
 Delta R.T. -0.000 min
 Lab File: VV038640.D
 Acq: 07 Feb 2025 10:09

Tgt Ion:105 Resp: 297103
 Ion Ratio Lower Upper
 105 100
 120 44.4 36.2 54.2

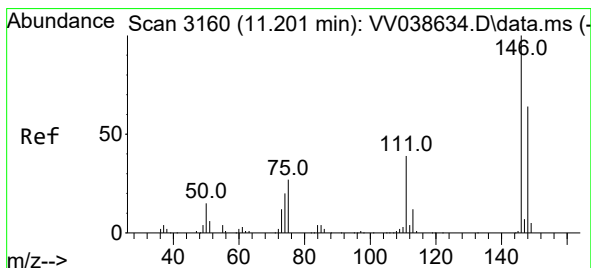
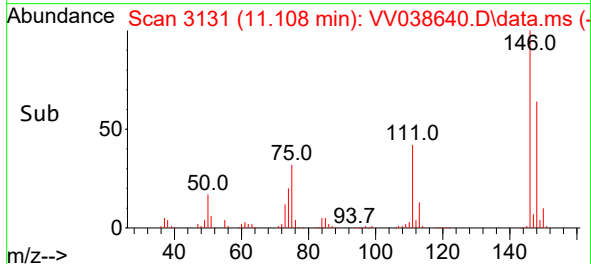
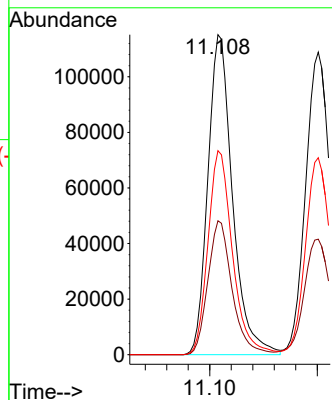
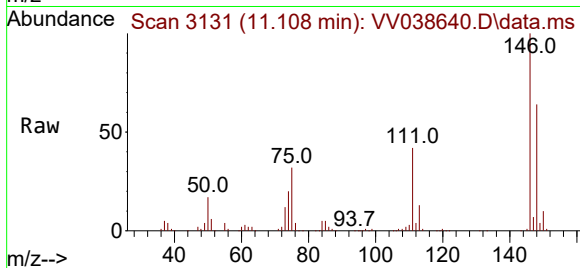




#64
1,3-Dichlorobenzene
Concen: 5.39 ug/L
RT: 11.108 min Scan# 3132
Delta R.T. -0.003 min
Lab File: VV038640.D
Acq: 07 Feb 2025 10:09

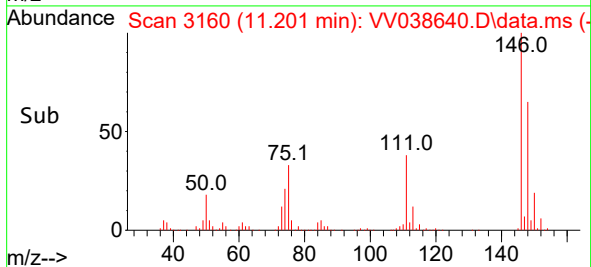
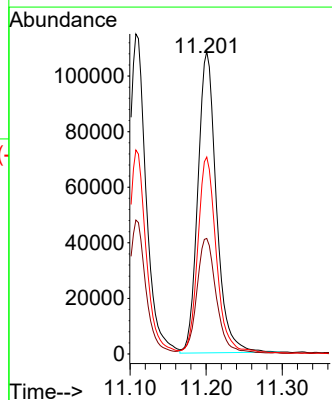
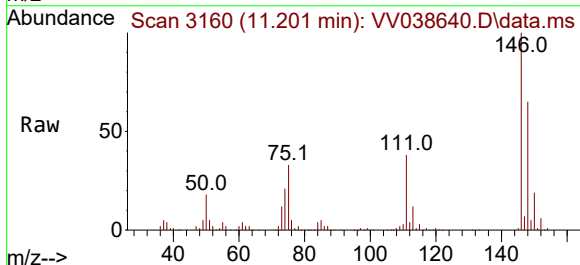
Instrument :
MSVOA_V
ClientSampleId :
VSTD005340

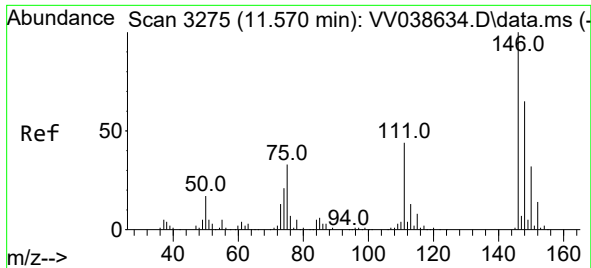
Tgt Ion:146 Resp: 183216
Ion Ratio Lower Upper
146 100
111 41.8 29.0 53.9
148 63.7 44.1 81.9



#65
1,4-Dichlorobenzene
Concen: 5.32 ug/L
RT: 11.201 min Scan# 3160
Delta R.T. -0.000 min
Lab File: VV038640.D
Acq: 07 Feb 2025 10:09

Tgt Ion:146 Resp: 184010
Ion Ratio Lower Upper
146 100
111 38.2 27.7 51.5
148 65.1 44.9 83.5

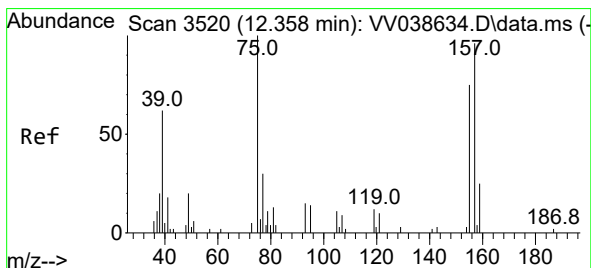
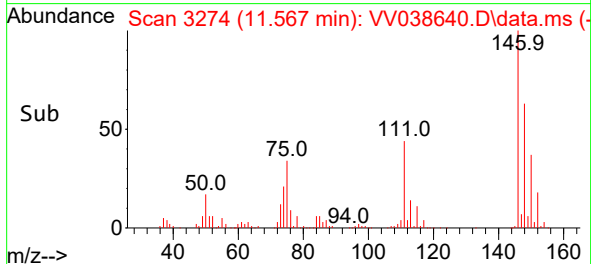
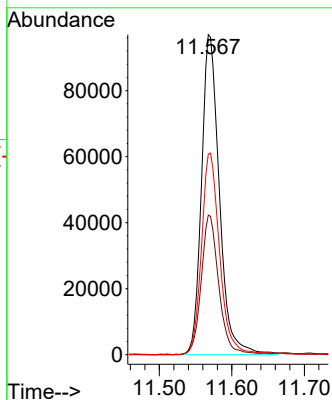
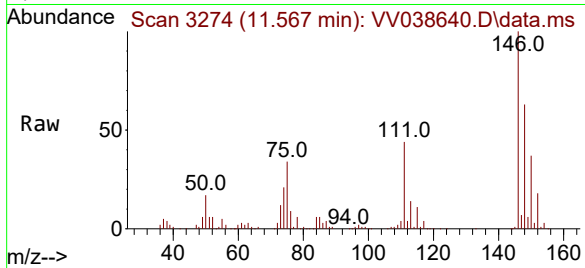




#67
1,2-Dichlorobenzene
Concen: 5.21 ug/L
RT: 11.567 min Scan# 311
Delta R.T. -0.003 min
Lab File: VV038640.D
Acq: 07 Feb 2025 10:09

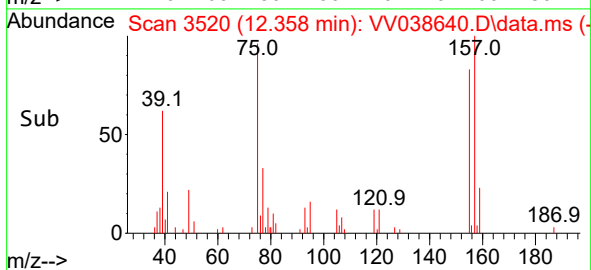
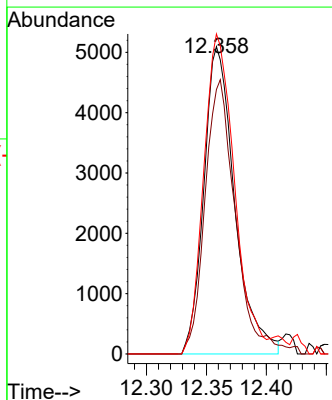
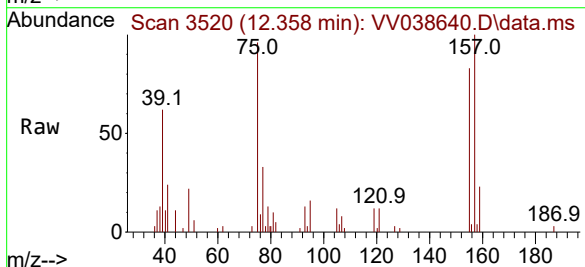
Instrument :
MSVOA_V
ClientSampleId :
VSTD005340

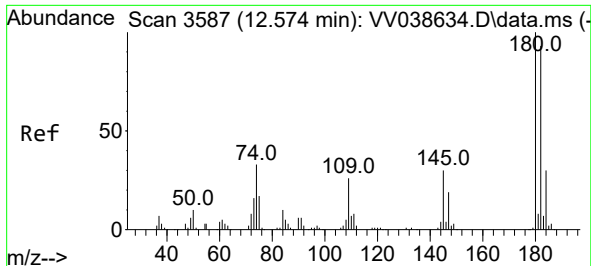
Tgt Ion:146 Resp: 166016
Ion Ratio Lower Upper
146 100
111 43.6 35.4 53.0
148 62.7 52.2 78.2



#68
1,2-Dibromo-3-chloropropane
Concen: 4.20 ug/L
RT: 12.358 min Scan# 3520
Delta R.T. 0.000 min
Lab File: VV038640.D
Acq: 07 Feb 2025 10:09

Tgt Ion: 75 Resp: 9097
Ion Ratio Lower Upper
75 100
155 86.0 60.3 90.5
157 104.1 76.9 115.3

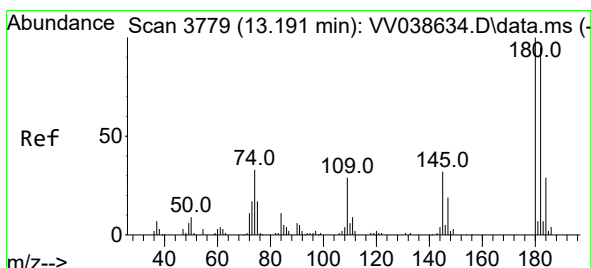
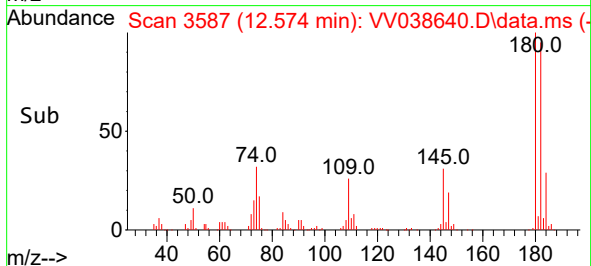
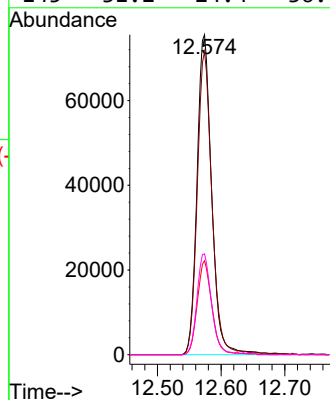
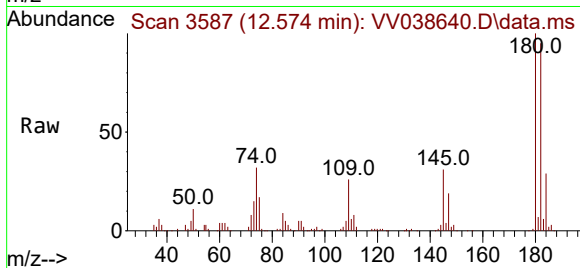




#69
 1,3,5-Trichlorobenzene
 Concen: 5.43 ug/L
 RT: 12.574 min Scan# 3587
 Delta R.T. -0.000 min
 Lab File: VV038640.D
 Acq: 07 Feb 2025 10:09

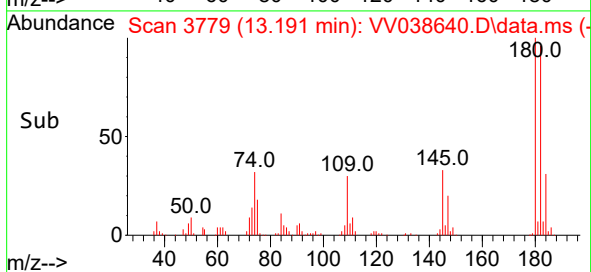
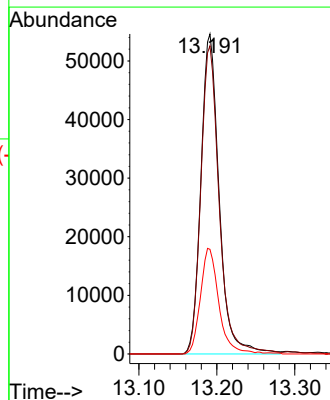
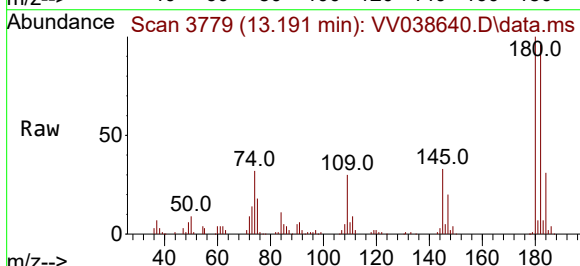
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005340

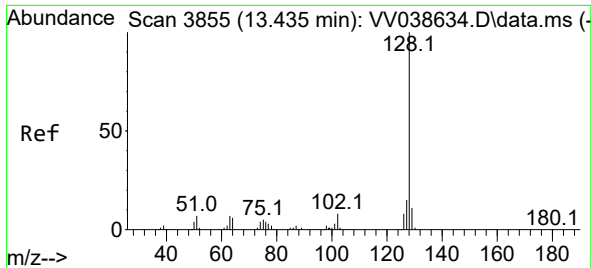
Tgt Ion:180	Resp:	121060
Ion Ratio	Lower	Upper
180	100	
182	94.4	75.6 113.4
184	28.9	24.1 36.1
145	31.2	24.4 36.6



#70
 1,2,4-trichlorobenzene
 Concen: 5.27 ug/L
 RT: 13.191 min Scan# 3779
 Delta R.T. 0.000 min
 Lab File: VV038640.D
 Acq: 07 Feb 2025 10:09

Tgt Ion:180	Resp:	88842
Ion Ratio	Lower	Upper
180	100	
182	96.7	76.6 115.0
145	33.3	26.0 39.0

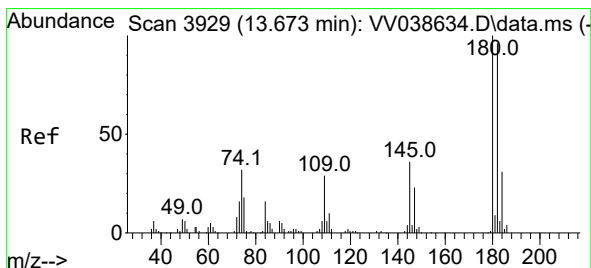
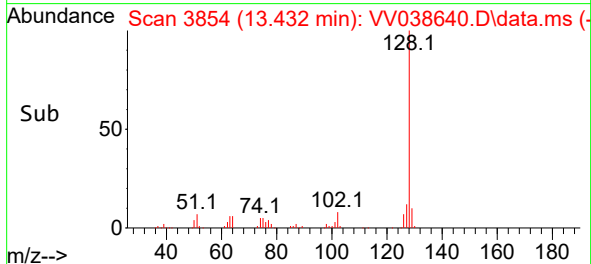
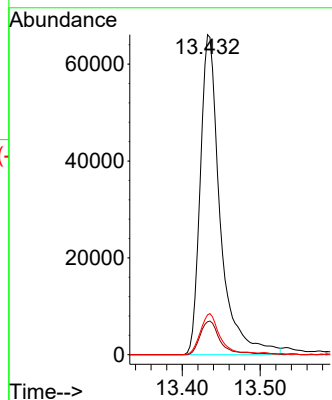
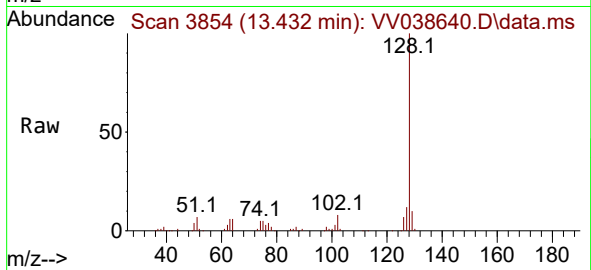




#71
Naphthalene
Concen: 4.34 ug/L
RT: 13.432 min Scan# 3854
Delta R.T. -0.003 min
Lab File: VV038640.D
Acq: 07 Feb 2025 10:09

Instrument :
MSVOA_V
ClientSampleId :
VSTD005340

Tgt Ion:128 Resp: 117210
Ion Ratio Lower Upper
128 100
129 10.5 7.6 11.4
127 12.8 10.9 16.3



#72
1,2,3-Trichlorobenzene
Concen: 5.02 ug/L
RT: 13.670 min Scan# 3928
Delta R.T. -0.003 min
Lab File: VV038640.D
Acq: 07 Feb 2025 10:09

Tgt Ion:180 Resp: 78414
Ion Ratio Lower Upper
180 100
182 96.1 76.0 114.0
145 33.5 28.4 42.6

