

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VW021025\
 Data File : VW038674.D
 Acq On : 10 Feb 2025 17:40
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 14 11:41:20 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR020625WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Feb 14 11:36:33 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	180043	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	189977	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	96105	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	75581	4.06	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.20%
7) Chloroethane-d5	1.529	69	60396	4.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.20%
11) 1,1-Dichloroethene-d2	2.053	65	32818	4.21	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.20%
20) 2-Butanone-d5	3.802	46	172900	53.48	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.96%
24) Chloroform-d	4.240	84	137604	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.20%
26) 1,2-Dichloroethane-d4	4.937	65	63482	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.80%
32) Benzene-d6	4.950	84	263554	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.80%
36) 1,2-Dichloropropane-d6	5.982	67	80769	4.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.00%
41) Toluene-d8	7.236	98	238678	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.20%
43) trans-1,3-Dichloroprop...	7.551	79	26534	4.39	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.80%
46) 2-Hexanone-d5	8.021	63	139673	59.64	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	119.28%
56) 1,1,2,2-Tetrachloroeth...	10.143	84	69308	4.95	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.00%
66) 1,2-Dichlorobenzene-d4	11.551	152	79748	4.79	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.80%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	105393	4.93	ug/L	98
3) Chloromethane	1.214	50	95628	4.77	ug/L	99
5) Vinyl chloride	1.282	62	103272	4.86	ug/L	97
6) Bromomethane	1.487	94	35796	3.91	ug/L	97
8) Chloroethane	1.548	64	64456	4.90	ug/L	97
9) Trichlorofluoromethane	1.709	101	138084	4.87	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	79771	5.06	ug/L	99
12) 1,1-Dichloroethene	2.066	96	74314	4.85	ug/L	94
13) Acetone	2.137	43	125138	52.71	ug/L	98
14) Carbon disulfide	2.237	76	253115	5.02	ug/L	99
15) Methyl Acetate	2.384	43	31161	5.10	ug/L	98
16) Methylene chloride	2.442	84	82502	4.73	ug/L	97
17) Methyl tert-butyl Ether	2.700	73	168839	5.39	ug/L	99
18) trans-1,2-Dichloroethene	2.690	96	79426	5.18	ug/L	93
19) 1,1-Dichloroethane	3.105	63	151912	5.15	ug/L	99
21) 2-Butanone	3.883	43	183879	51.60	ug/L	97
22) cis-1,2-Dichloroethene	3.806	96	82523	5.22	ug/L	93
23) Bromochloromethane	4.140	128	35651	4.74	ug/L	94
25) Chloroform	4.265	83	151352	5.13	ug/L	95

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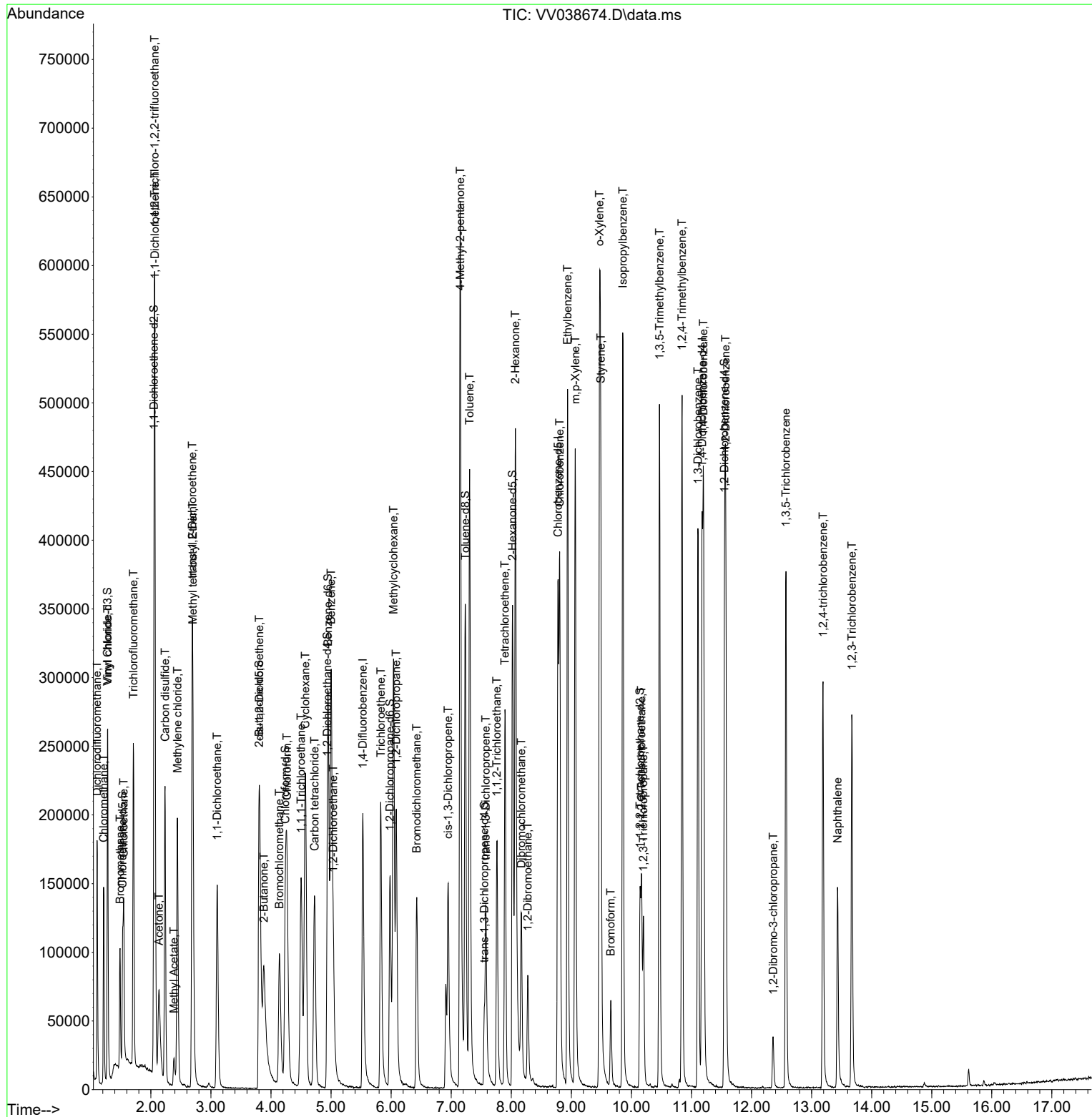
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	87699	5.05	ug/L	100
29) 1,1,1-Trichloroethane	4.503	97	129648	4.84	ug/L	99
30) Cyclohexane	4.571	56	125276	5.42	ug/L	97
31) Carbon tetrachloride	4.725	117	110608	4.73	ug/L	99
33) Benzene	5.002	78	321419	5.35	ug/L	100
34) Trichloroethene	5.828	95	81158	5.25	ug/L	94
35) Methylcyclohexane	6.040	83	127515	5.25	ug/L	100
37) 1,2-Dichloropropane	6.085	63	81242	5.34	ug/L	99
38) Bromodichloromethane	6.426	83	101563	4.86	ug/L	99
39) cis-1,3-Dichloropropene	6.950	75	105864	5.11	ug/L	98
40) 4-Methyl-2-pentanone	7.149	43	469076	58.76	ug/L	97
42) Toluene	7.307	91	342584	5.36	ug/L	97
44) trans-1,3-Dichloropropene	7.577	75	86476	4.97	ug/L	98
45) 1,1,2-Trichloroethane	7.760	97	60024	5.05	ug/L	98
47) Tetrachloroethene	7.895	164	59651	4.96	ug/L	96
48) 2-Hexanone	8.069	43	353310	59.98	ug/L	95
49) Dibromochloromethane	8.169	129	60944	4.62	ug/L	99
50) 1,2-Dibromoethane	8.275	107	56722	5.16	ug/L	94
51) Chlorobenzene	8.805	112	215193	5.12	ug/L	99
52) Ethylbenzene	8.937	91	355190	5.24	ug/L	100
53) m,p-Xylene	9.066	106	135015	5.41	ug/L	96
54) o-Xylene	9.471	106	127445	5.23	ug/L	100
55) Styrene	9.490	104	229998	5.58	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.169	83	74796	5.11	ug/L	99
59) Bromoform	9.657	173	28301	4.41	ug/L	99
60) Isopropylbenzene	9.857	105	349949	5.53	ug/L	100
61) 1,2,3-Trichloropropane	10.201	75	50638	5.12	ug/L	98
62) 1,3,5-Trimethylbenzene	10.468	105	267471	5.36	ug/L	99
63) 1,2,4-Trimethylbenzene	10.844	105	269459	5.44	ug/L	100
64) 1,3-Dichlorobenzene	11.108	146	166709	5.27	ug/L	98
65) 1,4-Dichlorobenzene	11.201	146	170989	5.31	ug/L	99
67) 1,2-Dichlorobenzene	11.571	146	151981	5.12	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.362	75	9852	4.89	ug/L	98
69) 1,3,5-Trichlorobenzene	12.574	180	109967	5.30	ug/L	99
70) 1,2,4-trichlorobenzene	13.191	180	85588	5.45	ug/L	99
71) Naphthalene	13.432	128	123129	4.90	ug/L	97
72) 1,2,3-Trichlorobenzene	13.670	180	80777	5.55	ug/L	97

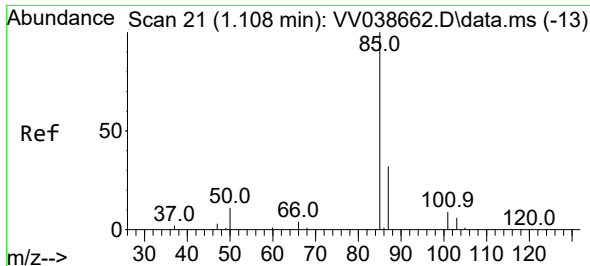
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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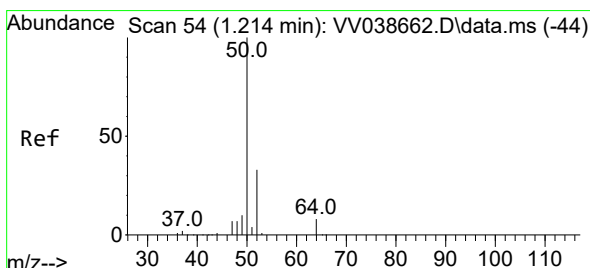
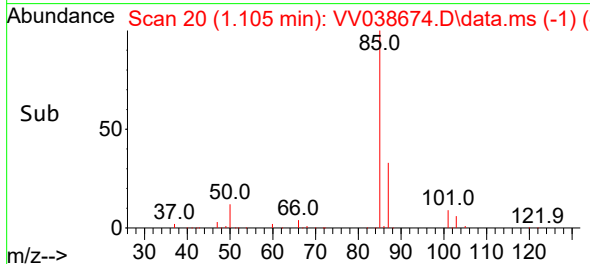
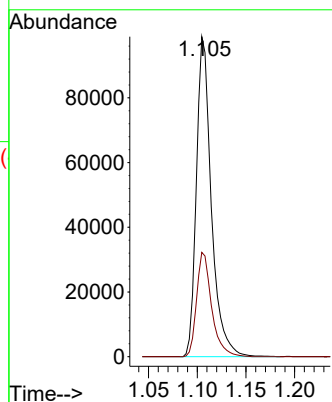
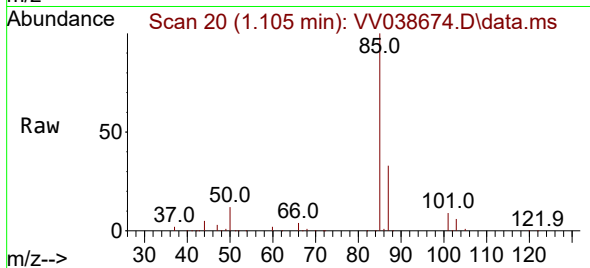




#2
Dichlorodifluoromethane
Concen: 4.93 ug/L
RT: 1.105 min Scan# 20
Delta R.T. -0.003 min
Lab File: VV038674.D
Acq: 10 Feb 2025 17:40

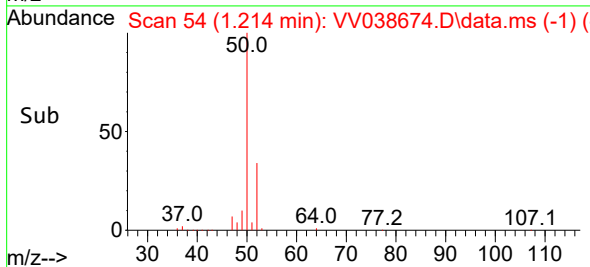
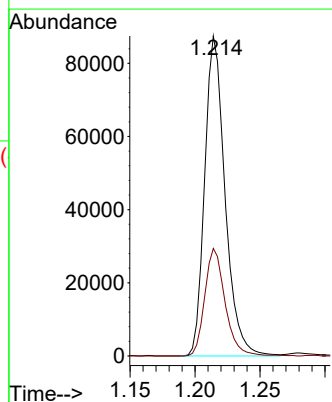
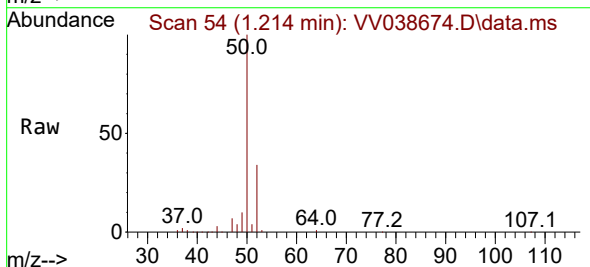
Instrument :
MSVOA_V
ClientSampleId :

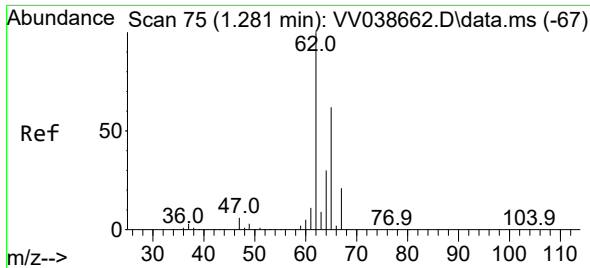
Tgt Ion: 85 Resp: 105393
Ion Ratio Lower Upper
85 100
87 32.8 25.5 38.3



#3
Chloromethane
Concen: 4.77 ug/L
RT: 1.214 min Scan# 54
Delta R.T. 0.000 min
Lab File: VV038674.D
Acq: 10 Feb 2025 17:40

Tgt Ion: 50 Resp: 95628
Ion Ratio Lower Upper
50 100
52 33.6 23.2 43.2

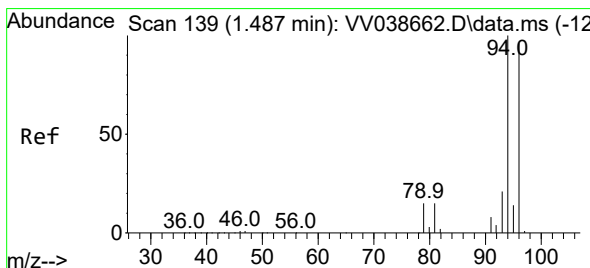
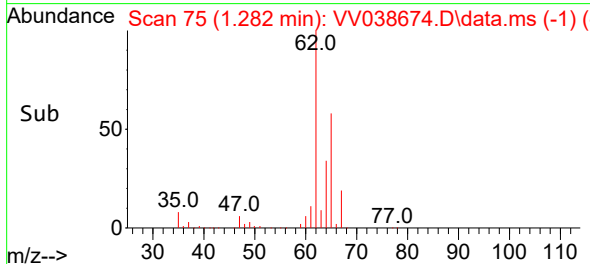
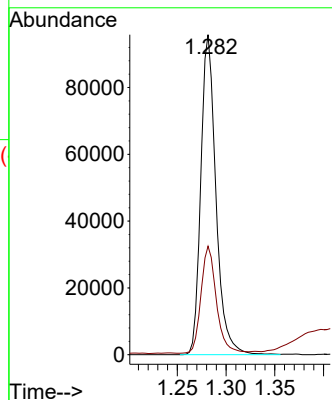
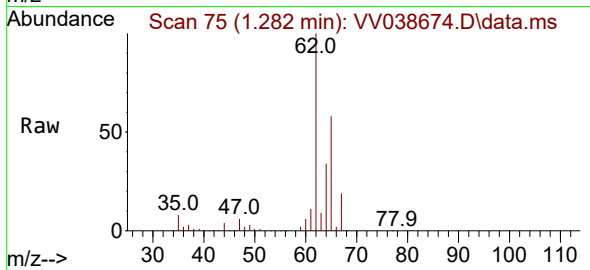




#5
 Vinyl chloride
 Concen: 4.86 ug/L
 RT: 1.282 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VV038674.D
 Acq: 10 Feb 2025 17:40

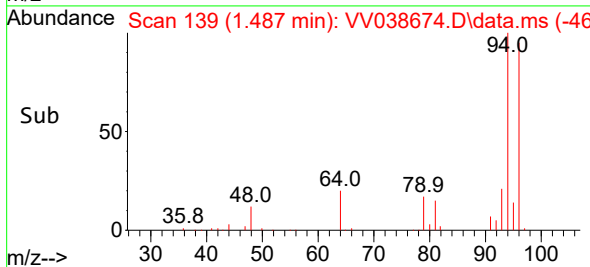
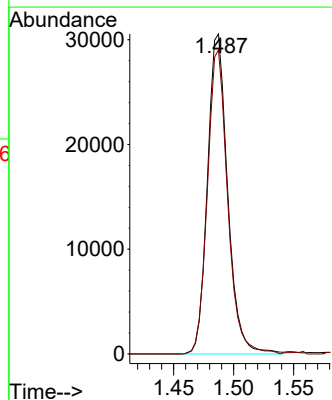
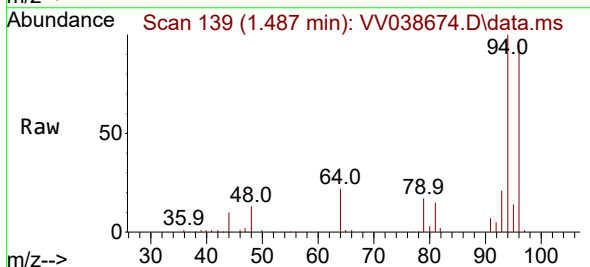
Instrument :
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 ClientSampleId :

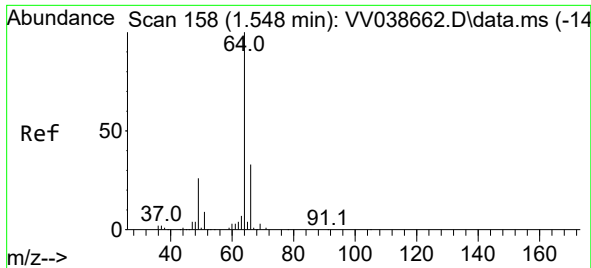
Tgt Ion: 62 Resp: 103272
 Ion Ratio Lower Upper
 62 100
 64 33.9 25.0 46.4



#6
 Bromomethane
 Concen: 3.91 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. 0.000 min
 Lab File: VV038674.D
 Acq: 10 Feb 2025 17:40

Tgt Ion: 94 Resp: 35796
 Ion Ratio Lower Upper
 94 100
 96 95.1 64.3 119.3

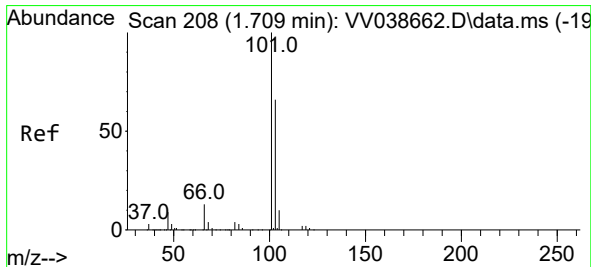
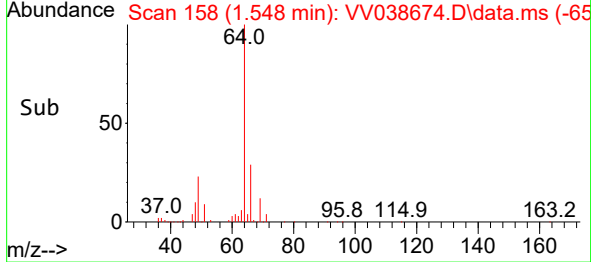
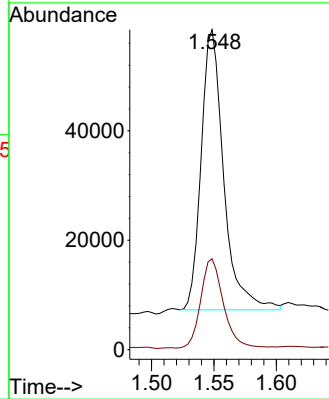
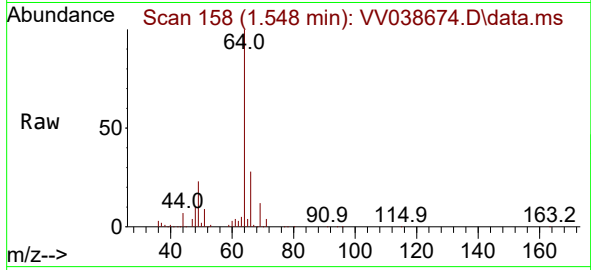




#8
Chloroethane
Concen: 4.90 ug/L
RT: 1.548 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV038674.D
Acq: 10 Feb 2025 17:40

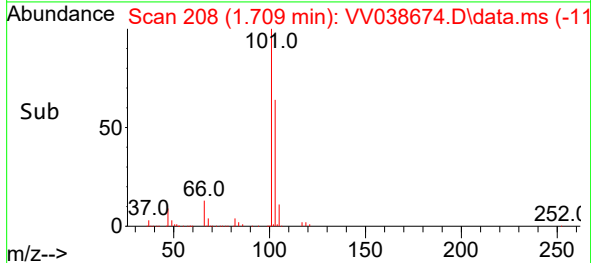
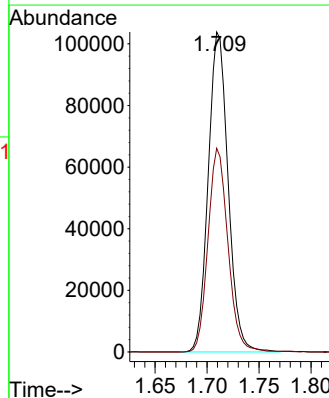
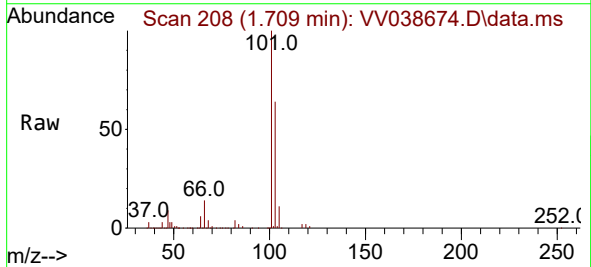
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MSVOA_V
ClientSampleId :

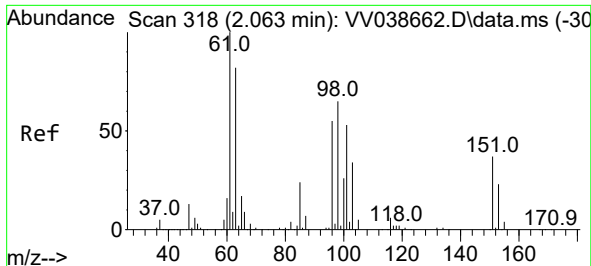
Tgt Ion: 64 Resp: 64456
Ion Ratio Lower Upper
64 100
66 28.4 20.9 38.7



#9
Trichlorofluoromethane
Concen: 4.87 ug/L
RT: 1.709 min Scan# 208
Delta R.T. 0.000 min
Lab File: VV038674.D
Acq: 10 Feb 2025 17:40

Tgt Ion:101 Resp: 138084
Ion Ratio Lower Upper
101 100
103 63.8 52.4 78.6

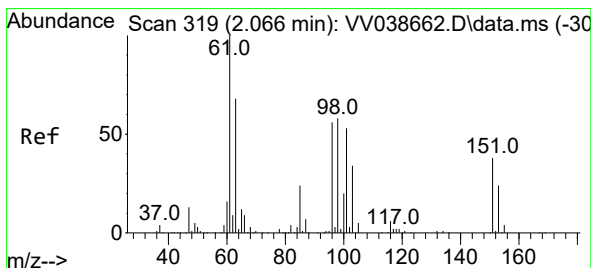
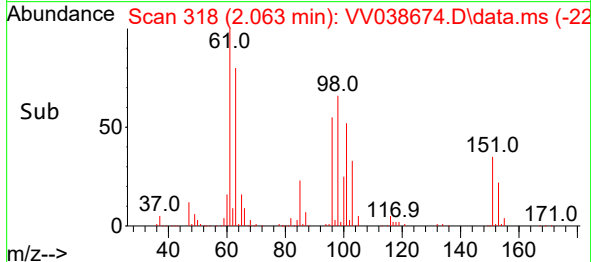
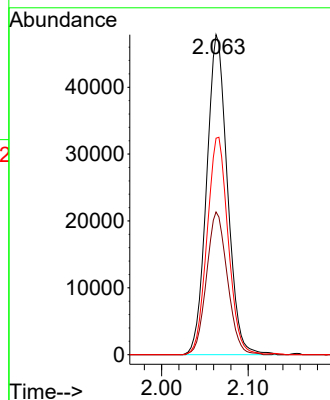
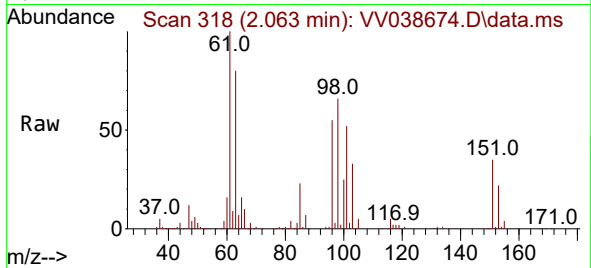




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.06 ug/L
 RT: 2.063 min Scan# 318
 Delta R.T. 0.000 min
 Lab File: VV038674.D
 Acq: 10 Feb 2025 17:40

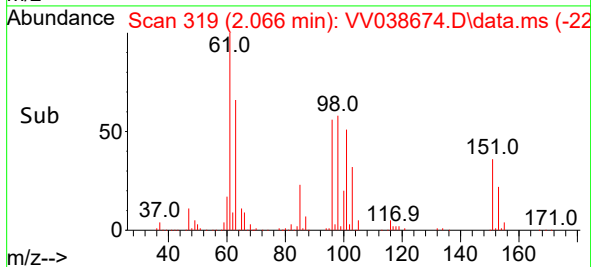
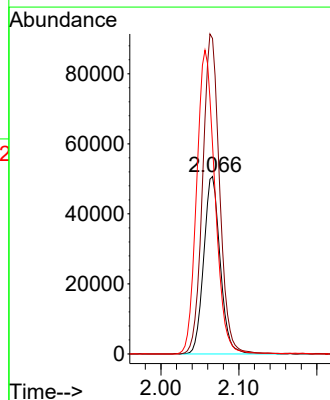
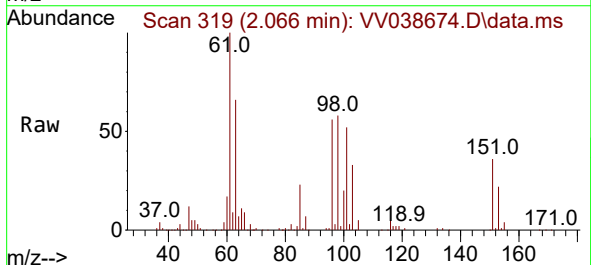
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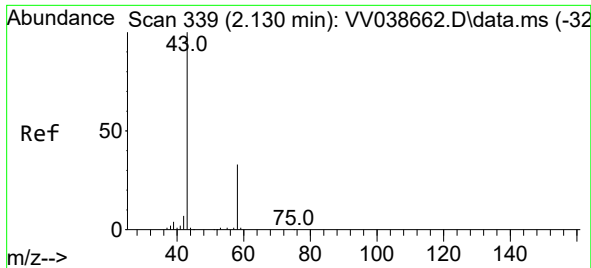
Tgt Ion:101 Resp: 79771
 Ion Ratio Lower Upper
 101 100
 85 44.8 35.0 52.4
 151 68.9 55.1 82.7



#12
 1,1-Dichloroethene
 Concen: 4.85 ug/L
 RT: 2.066 min Scan# 319
 Delta R.T. 0.000 min
 Lab File: VV038674.D
 Acq: 10 Feb 2025 17:40

Tgt Ion: 96 Resp: 74314
 Ion Ratio Lower Upper
 96 100
 61 177.8 122.8 228.1
 63 118.0 92.0 170.8





#13

Acetone

Concen: 52.71 ug/L

RT: 2.137 min Scan# 341

Delta R.T. 0.007 min

Lab File: VV038674.D

Acq: 10 Feb 2025 17:40

Instrument :

MSVOA_V

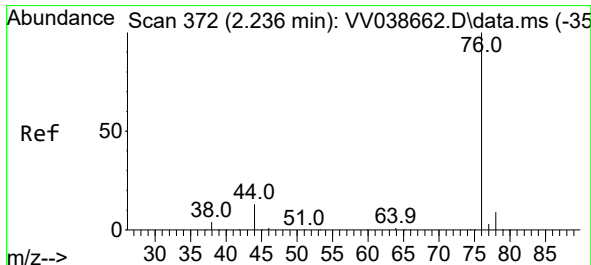
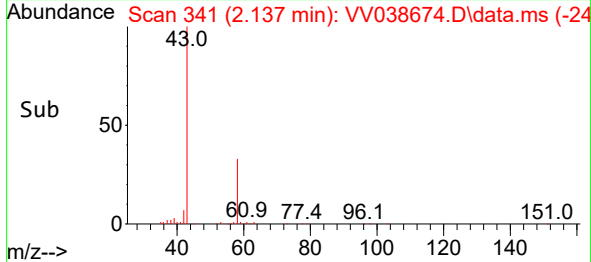
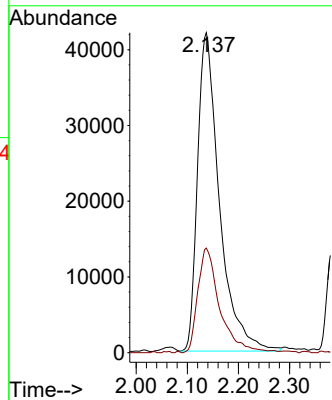
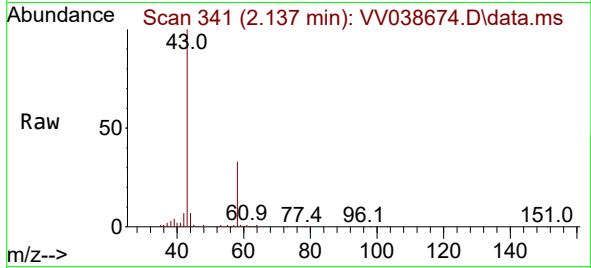
ClientSampleId :

Tgt Ion: 43 Resp: 125138

Ion Ratio Lower Upper

43 100

58 32.7 0.0 67.4



#14

Carbon disulfide

Concen: 5.02 ug/L

RT: 2.237 min Scan# 372

Delta R.T. 0.000 min

Lab File: VV038674.D

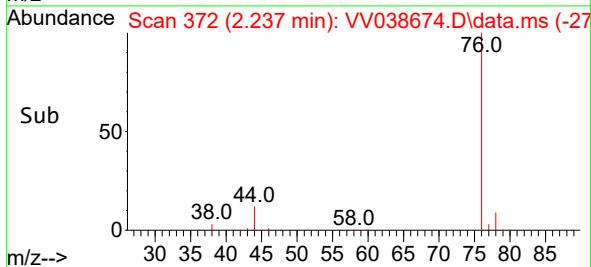
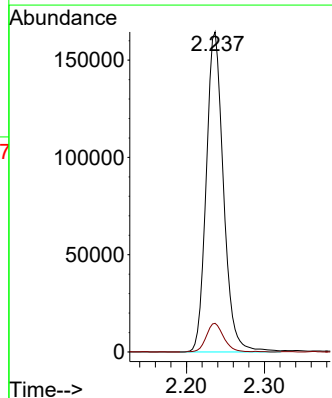
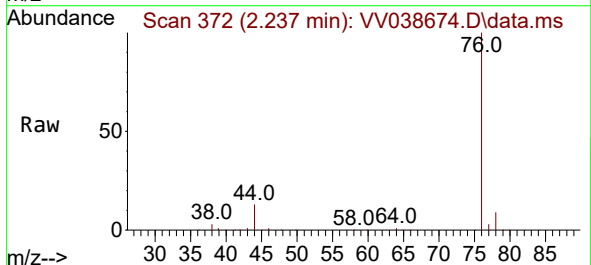
Acq: 10 Feb 2025 17:40

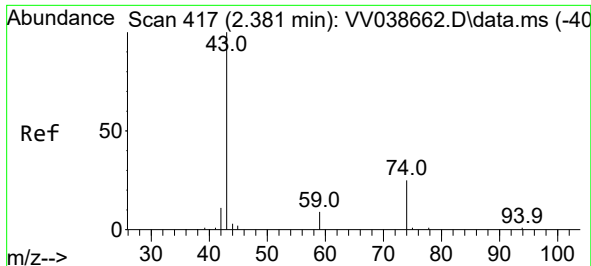
Tgt Ion: 76 Resp: 253115

Ion Ratio Lower Upper

76 100

78 8.9 7.5 11.3





#15

Methyl Acetate

Concen: 5.10 ug/L

RT: 2.384 min Scan# 417

Delta R.T. 0.003 min

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Acq: 10 Feb 2025 17:40

Instrument :

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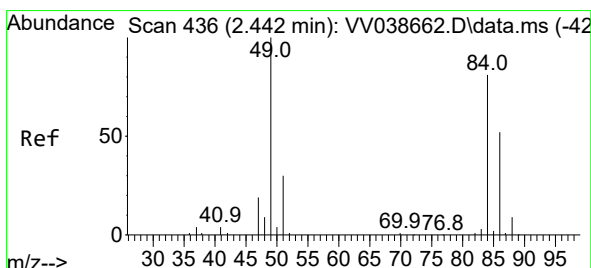
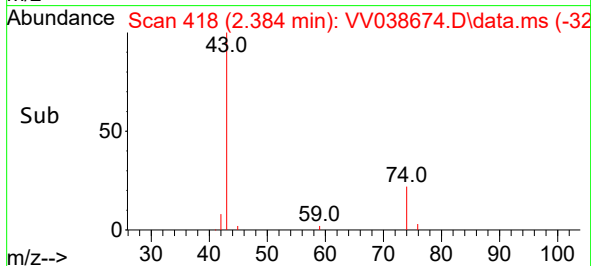
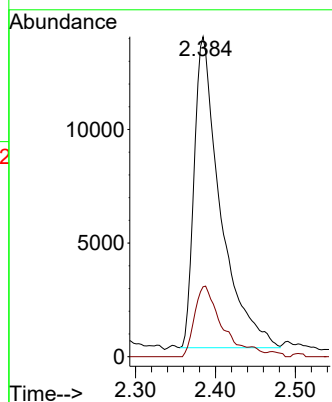
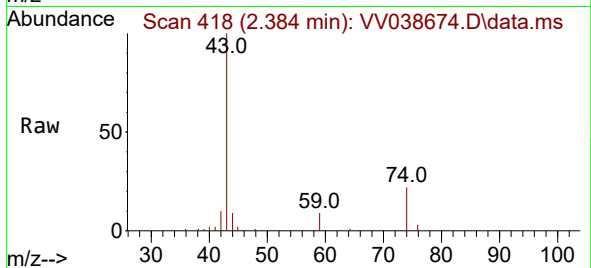
ClientSampleId :

Tgt Ion: 43 Resp: 31161

Ion Ratio Lower Upper

43 100

74 24.0 18.6 27.8



#16

Methylene chloride

Concen: 4.73 ug/L

RT: 2.442 min Scan# 436

Delta R.T. 0.000 min

Lab File: VV038674.D

Acq: 10 Feb 2025 17:40

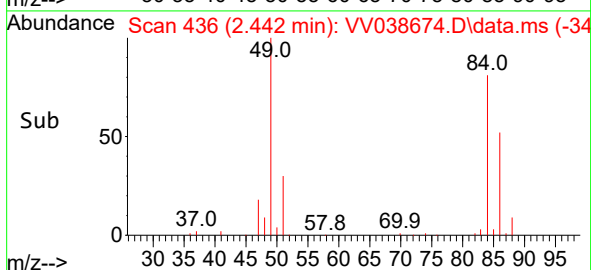
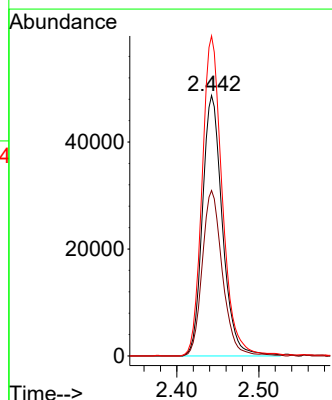
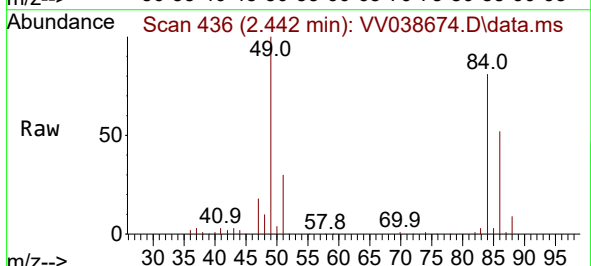
Tgt Ion: 84 Resp: 82502

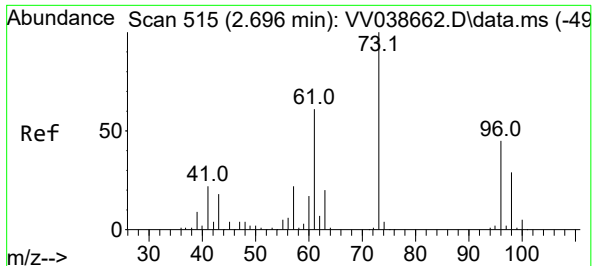
Ion Ratio Lower Upper

84 100

86 63.5 46.0 85.4

49 122.9 83.9 155.9

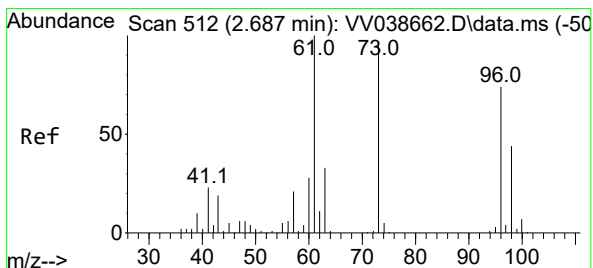
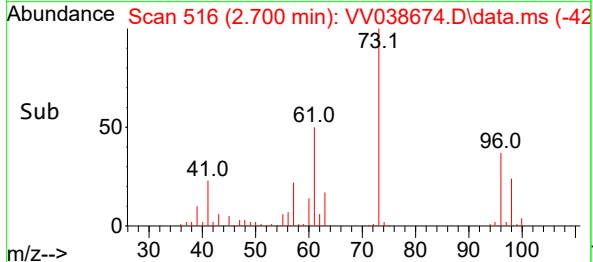
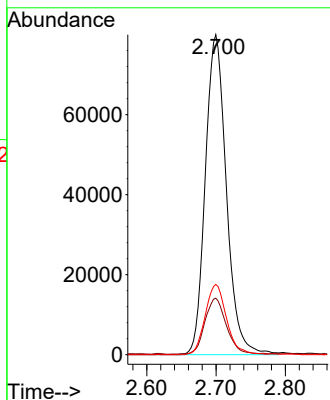
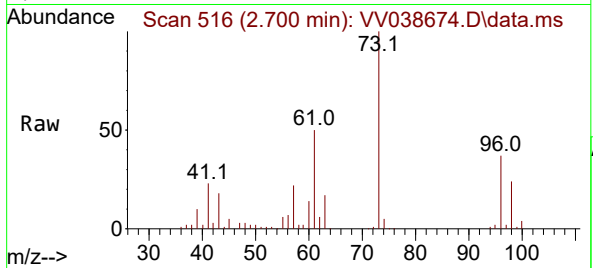




#17
Methyl tert-butyl Ether
Concen: 5.39 ug/L
RT: 2.700 min Scan# 516
Delta R.T. 0.003 min
Lab File: VV038674.D
Acq: 10 Feb 2025 17:40

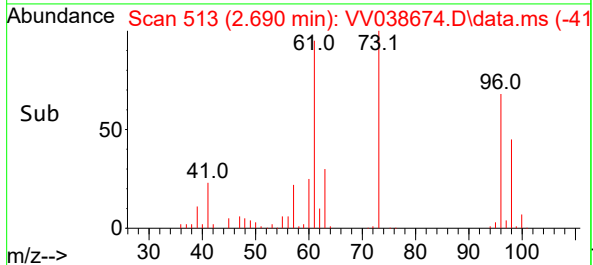
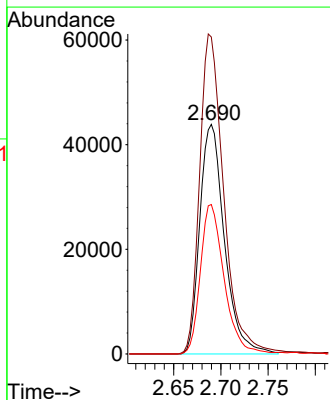
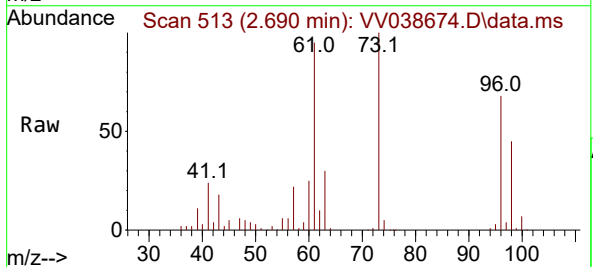
Instrument :
MSVOA_V
ClientSampleId :

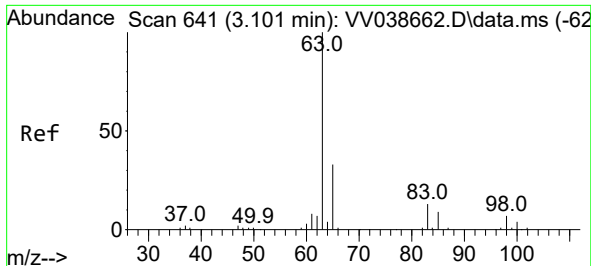
Tgt Ion: 73 Resp: 168839
Ion Ratio Lower Upper
73 100
43 17.8 14.6 22.0
57 22.3 18.2 27.2



#18
trans-1,2-Dichloroethene
Concen: 5.18 ug/L
RT: 2.690 min Scan# 513
Delta R.T. 0.003 min
Lab File: VV038674.D
Acq: 10 Feb 2025 17:40

Tgt Ion: 96 Resp: 79426
Ion Ratio Lower Upper
96 100
61 138.0 91.4 169.8
98 65.1 41.6 77.2





#19

1,1-Dichloroethane

Concen: 5.15 ug/L

RT: 3.105 min Scan# 641

Delta R.T. 0.003 min

Lab File: VV038674.D

Acq: 10 Feb 2025 17:40

Instrument :

MSVOA_V

ClientSampleId :

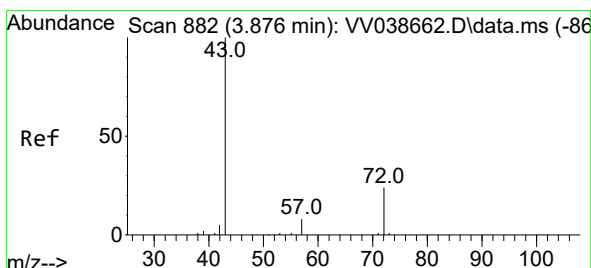
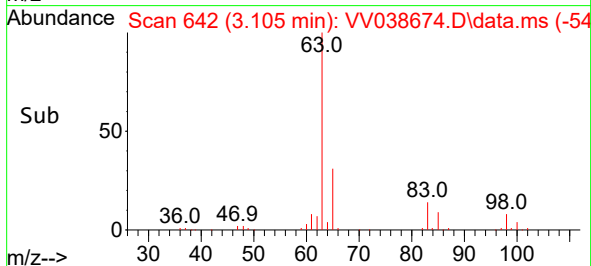
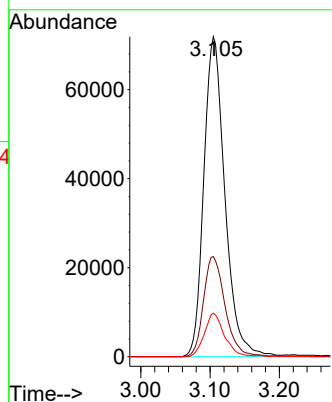
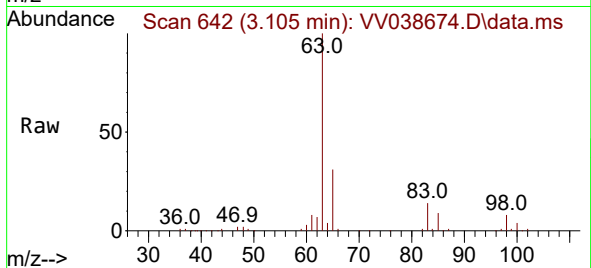
Tgt Ion: 63 Resp: 151912

Ion Ratio Lower Upper

63 100

65 31.3 21.8 40.4

83 13.6 9.2 17.2



#21

2-Butanone

Concen: 51.60 ug/L

RT: 3.883 min Scan# 884

Delta R.T. 0.007 min

Lab File: VV038674.D

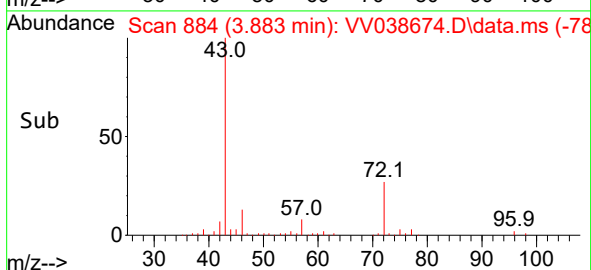
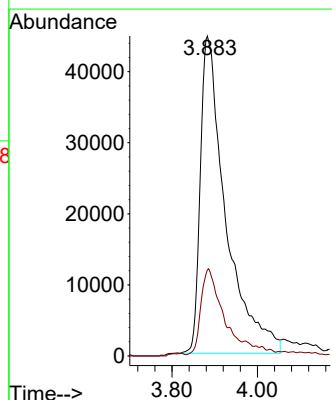
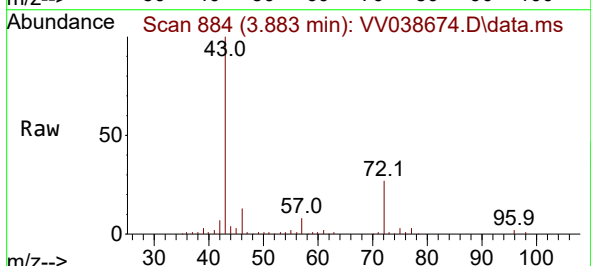
Acq: 10 Feb 2025 17:40

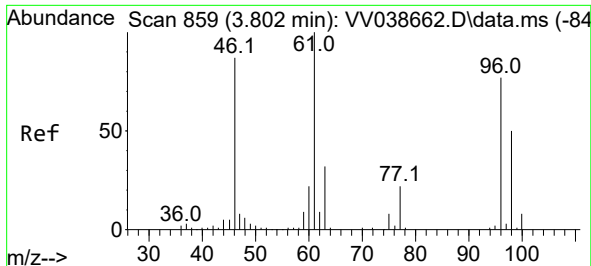
Tgt Ion: 43 Resp: 183879

Ion Ratio Lower Upper

43 100

72 22.5 11.9 35.5





#22

cis-1,2-Dichloroethene

Concen: 5.22 ug/L

RT: 3.806 min Scan# 859

Delta R.T. 0.003 min

Lab File: VV038674.D

Acq: 10 Feb 2025 17:40

Instrument :

MSVOA_V

ClientSampleId :

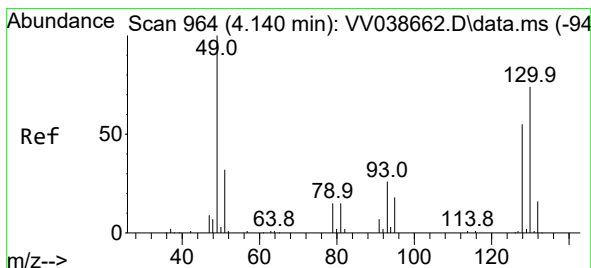
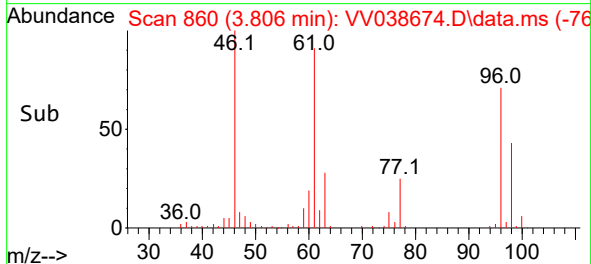
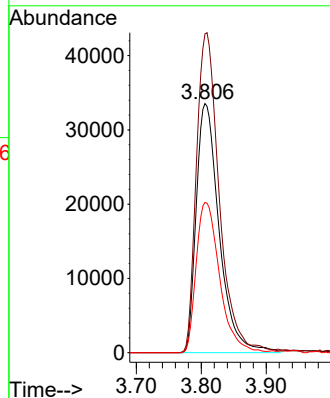
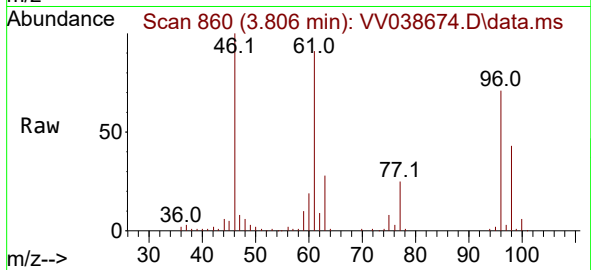
Tgt Ion: 96 Resp: 82523

Ion Ratio Lower Upper

96 100

61 128.0 83.6 155.2

98 60.3 45.6 84.8



#23

Bromochloromethane

Concen: 4.74 ug/L

RT: 4.140 min Scan# 964

Delta R.T. 0.000 min

Lab File: VV038674.D

Acq: 10 Feb 2025 17:40

Tgt Ion:128 Resp: 35651

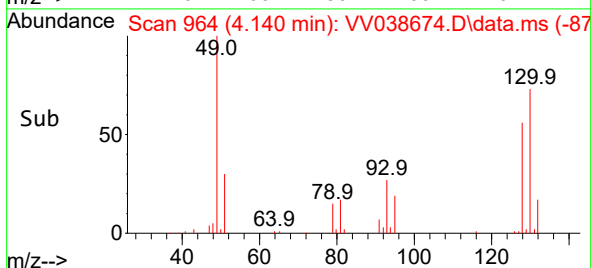
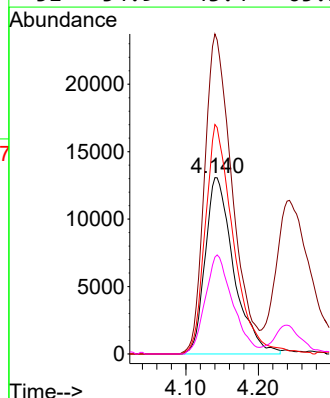
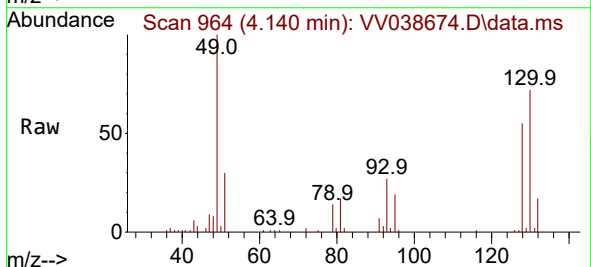
Ion Ratio Lower Upper

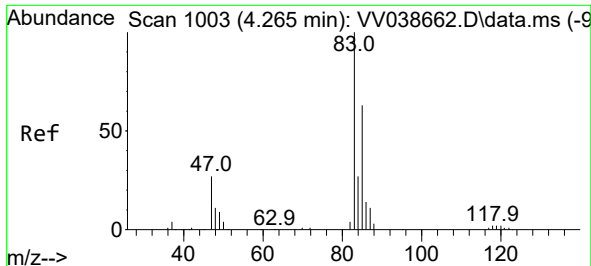
128 100

49 181.6 116.0 215.4

130 130.2 90.2 167.6

51 54.9 43.4 65.2





#25

Chloroform

Concen: 5.13 ug/L

RT: 4.265 min Scan# 1003

Delta R.T. 0.000 min

Lab File: VV038674.D

Acq: 10 Feb 2025 17:40

Instrument :

MSVOA_V

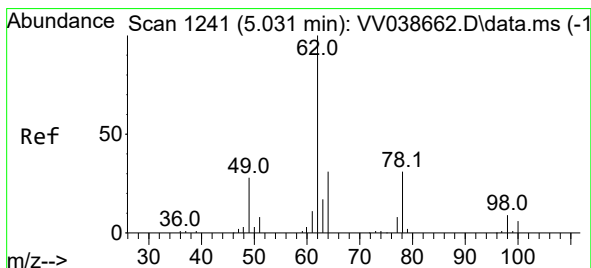
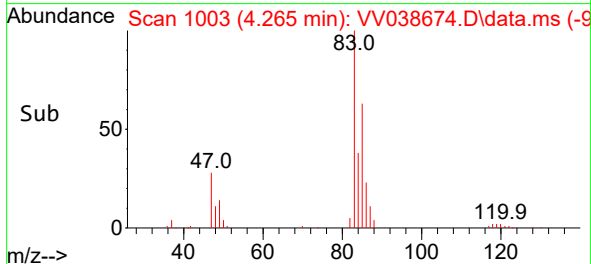
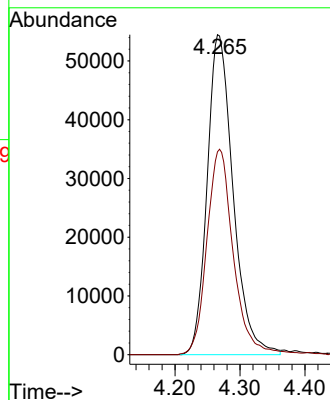
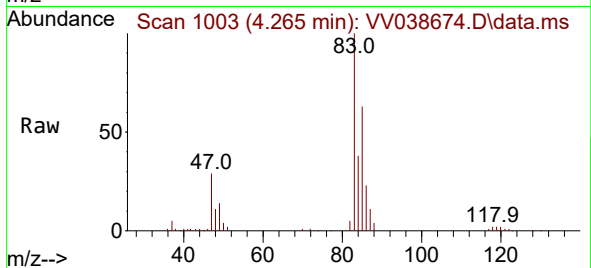
ClientSampleId :

Tgt Ion: 83 Resp: 151352

Ion Ratio Lower Upper

83 100

85 63.4 47.2 87.6



#27

1,2-Dichloroethane

Concen: 5.05 ug/L

RT: 5.037 min Scan# 1243

Delta R.T. 0.007 min

Lab File: VV038674.D

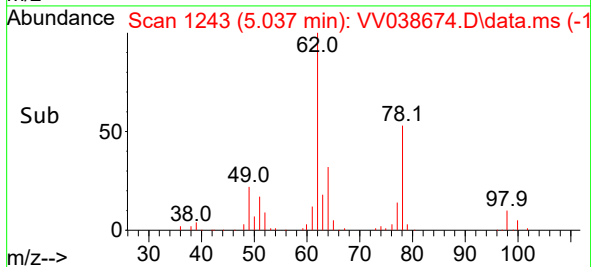
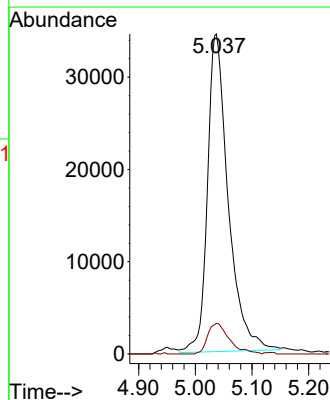
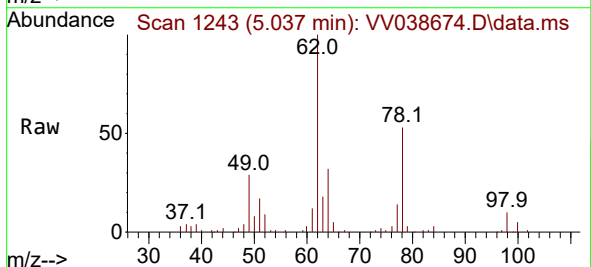
Acq: 10 Feb 2025 17:40

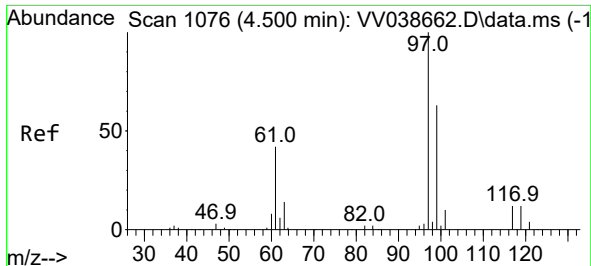
Tgt Ion: 62 Resp: 87699

Ion Ratio Lower Upper

62 100

98 9.6 7.7 11.5





#29

1,1,1-Trichloroethane

Concen: 4.84 ug/L

RT: 4.503 min Scan# 1077

Delta R.T. 0.003 min

Lab File: VV038674.D

Acq: 10 Feb 2025 17:40

Instrument :

MSVOA_V

ClientSampleId :

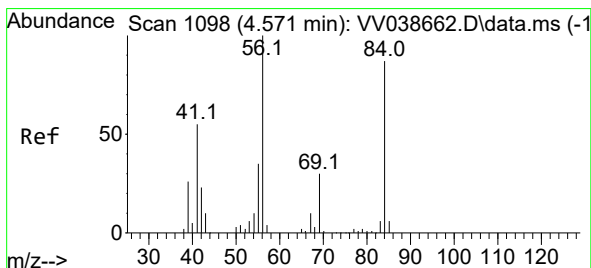
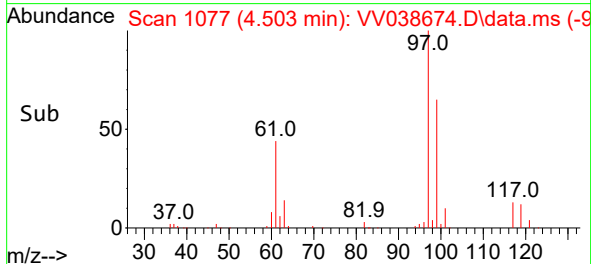
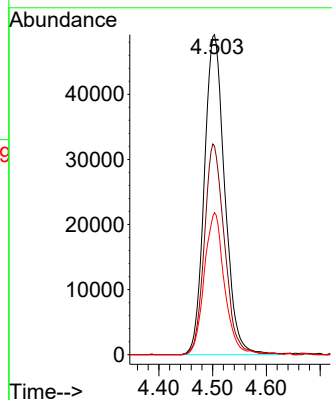
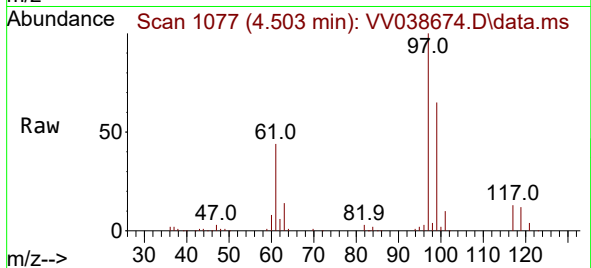
Tgt Ion: 97 Resp: 129648

Ion Ratio Lower Upper

97 100

99 64.9 50.9 76.3

61 44.0 35.8 53.6



#30

Cyclohexane

Concen: 5.42 ug/L

RT: 4.571 min Scan# 1098

Delta R.T. 0.000 min

Lab File: VV038674.D

Acq: 10 Feb 2025 17:40

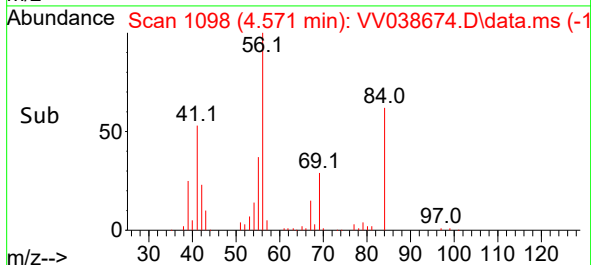
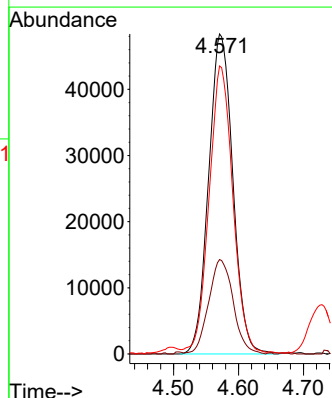
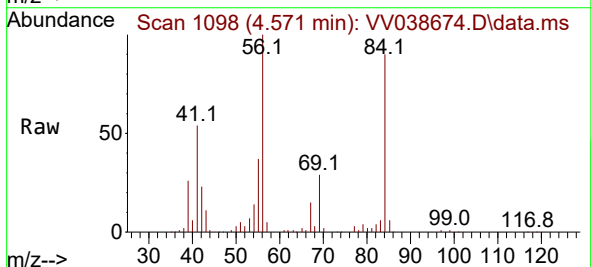
Tgt Ion: 56 Resp: 125276

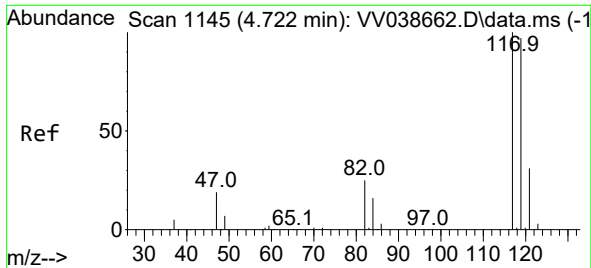
Ion Ratio Lower Upper

56 100

69 29.9 24.0 36.0

84 87.7 72.7 109.1

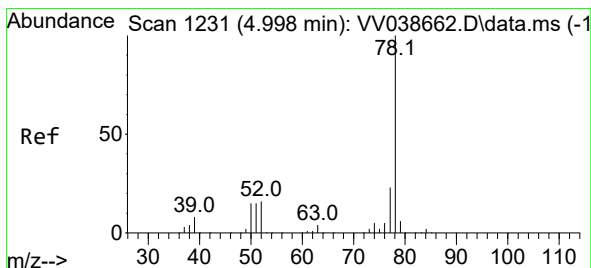
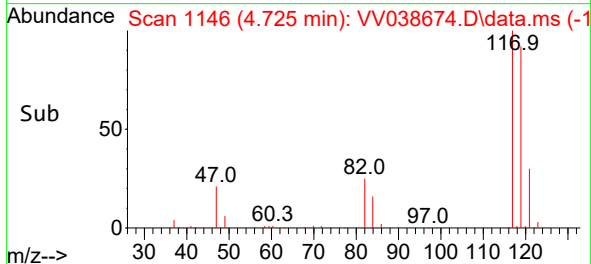
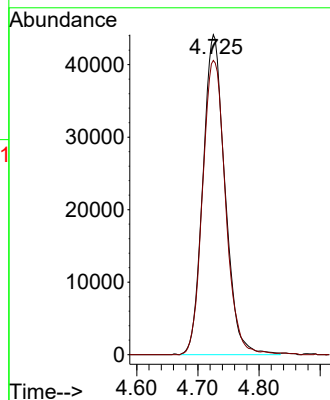
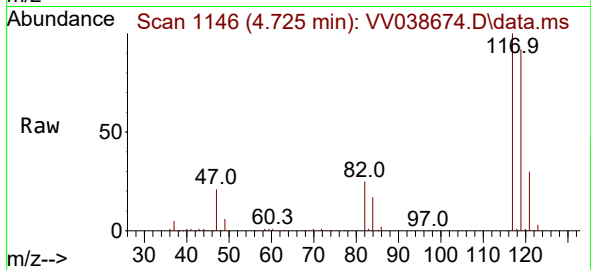




#31
Carbon tetrachloride
Concen: 4.73 ug/L
RT: 4.725 min Scan# 1146
Delta R.T. 0.003 min
Lab File: VV038674.D
Acq: 10 Feb 2025 17:40

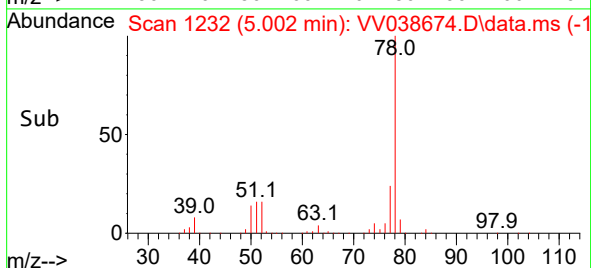
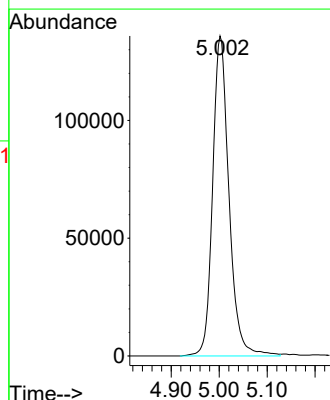
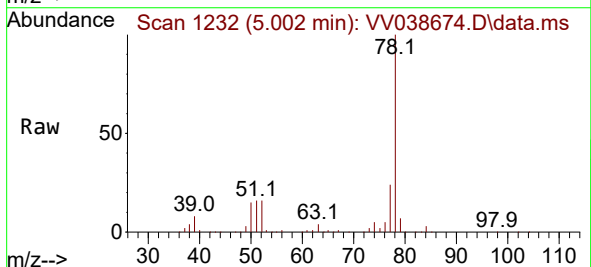
Instrument :
MSVOA_V
ClientSampleId :

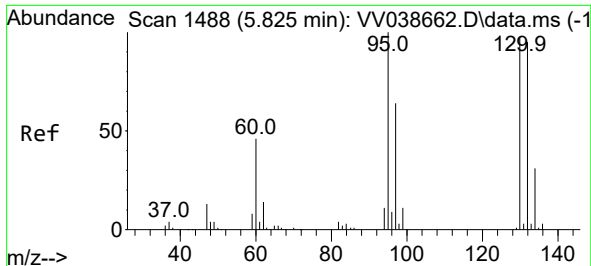
Tgt Ion:117 Resp: 110608
Ion Ratio Lower Upper
117 100
119 95.1 76.5 114.7



#33
Benzene
Concen: 5.35 ug/L
RT: 5.002 min Scan# 1232
Delta R.T. 0.003 min
Lab File: VV038674.D
Acq: 10 Feb 2025 17:40

Tgt Ion: 78 Resp: 321419





#34

Trichloroethene

Concen: 5.25 ug/L

RT: 5.828 min Scan# 1488

Delta R.T. 0.003 min

Lab File: VV038674.D

Acq: 10 Feb 2025 17:40

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 81158

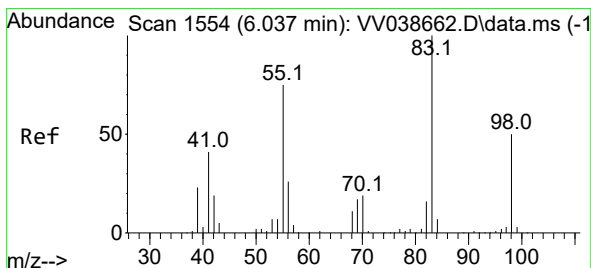
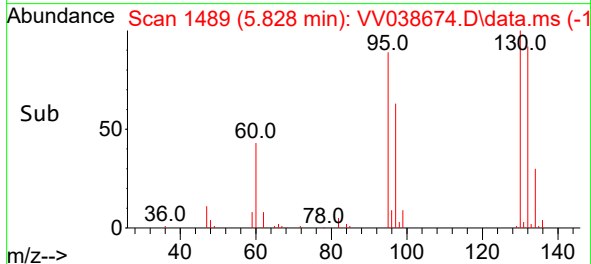
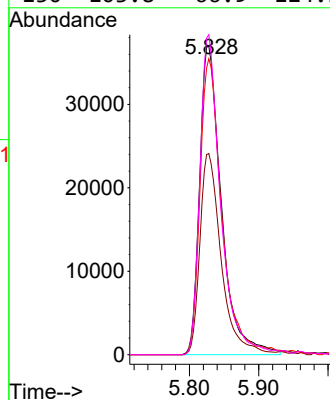
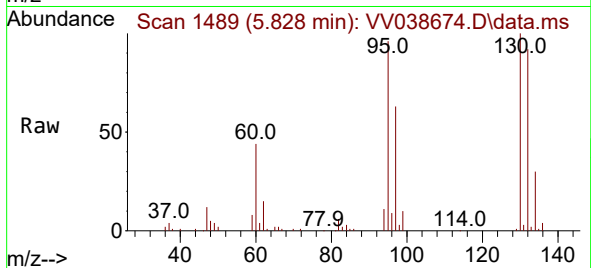
Ion Ratio Lower Upper

95 100

97 65.2 43.5 80.9

132 95.9 64.0 118.8

130 103.8 66.9 124.3



#35

Methylcyclohexane

Concen: 5.25 ug/L

RT: 6.040 min Scan# 1555

Delta R.T. 0.003 min

Lab File: VV038674.D

Acq: 10 Feb 2025 17:40

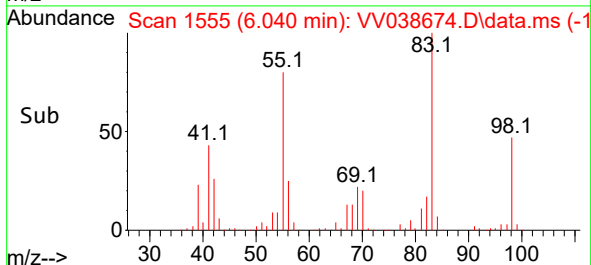
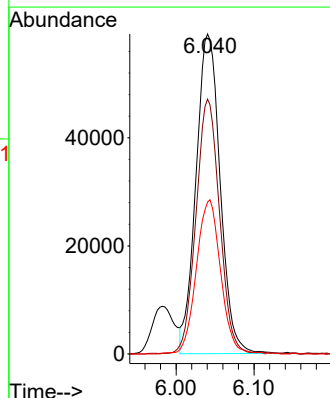
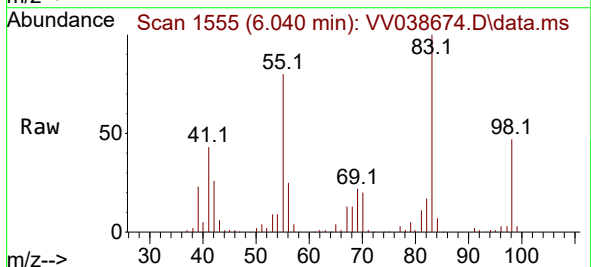
Tgt Ion: 83 Resp: 127515

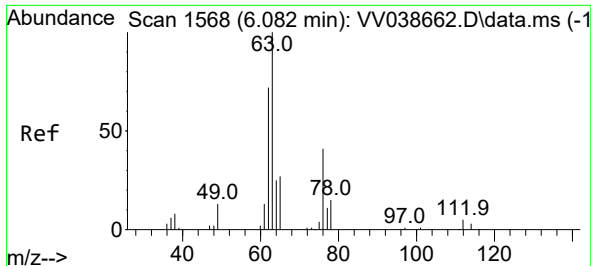
Ion Ratio Lower Upper

83 100

55 77.9 62.6 94.0

98 48.4 38.7 58.1





#37

1,2-Dichloropropane

Concen: 5.34 ug/L

RT: 6.085 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV038674.D

Acq: 10 Feb 2025 17:40

Instrument :

MSVOA_V

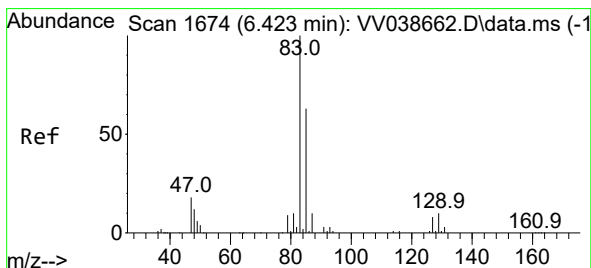
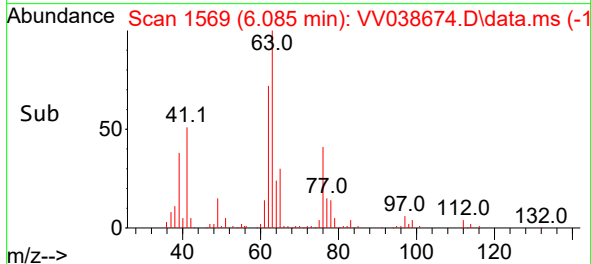
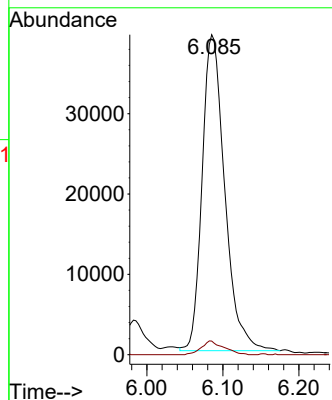
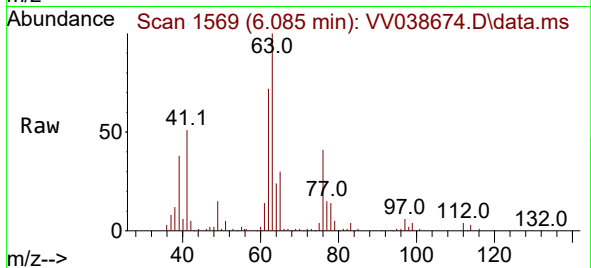
ClientSampleId :

Tgt Ion: 63 Resp: 81242

Ion Ratio Lower Upper

63 100

112 4.3 3.6 5.4



#38

Bromodichloromethane

Concen: 4.86 ug/L

RT: 6.426 min Scan# 1675

Delta R.T. 0.003 min

Lab File: VV038674.D

Acq: 10 Feb 2025 17:40

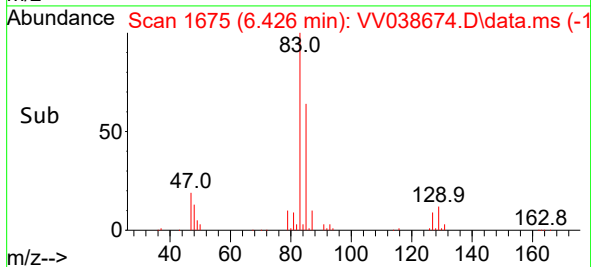
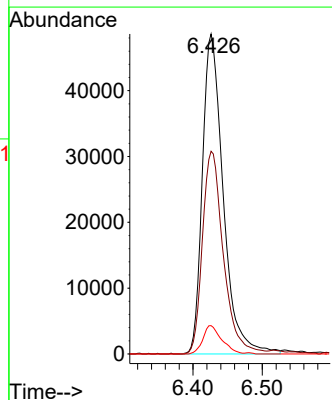
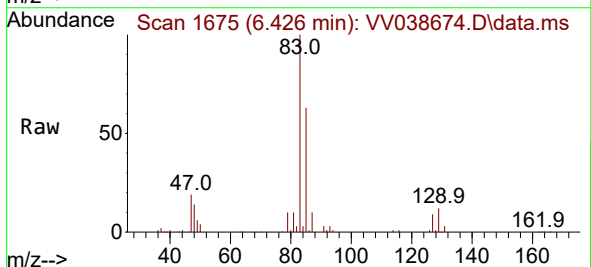
Tgt Ion: 83 Resp: 101563

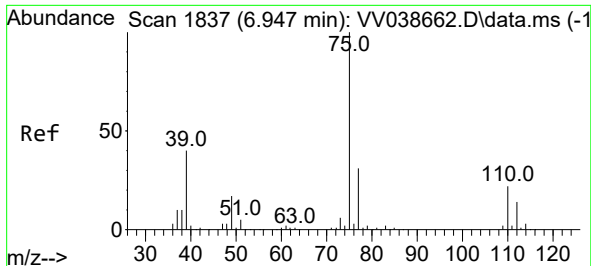
Ion Ratio Lower Upper

83 100

85 63.3 44.0 81.6

127 8.9 6.2 9.4





#39

cis-1,3-Dichloropropene

Concen: 5.11 ug/L

RT: 6.950 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV038674.D

Acq: 10 Feb 2025 17:40

Instrument :

MSVOA_V

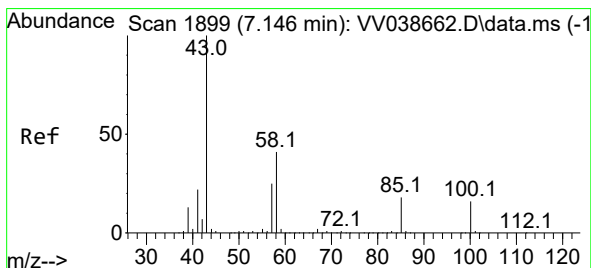
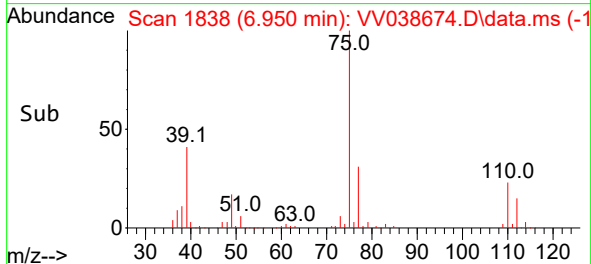
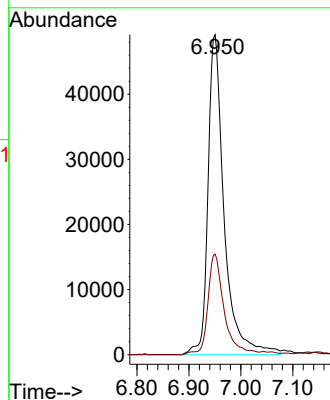
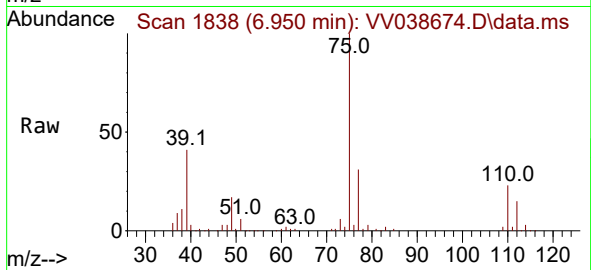
ClientSampleId :

Tgt Ion: 75 Resp: 105864

Ion Ratio Lower Upper

75 100

77 31.4 21.3 39.5



#40

4-Methyl-2-pentanone

Concen: 58.76 ug/L

RT: 7.149 min Scan# 1900

Delta R.T. 0.003 min

Lab File: VV038674.D

Acq: 10 Feb 2025 17:40

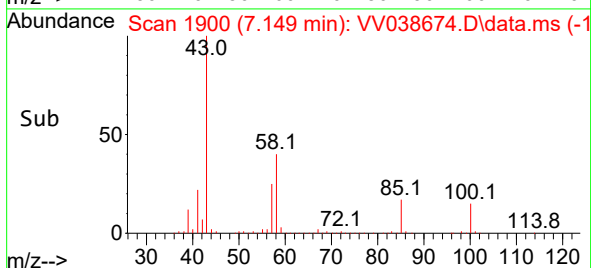
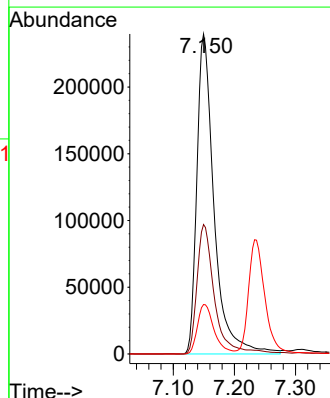
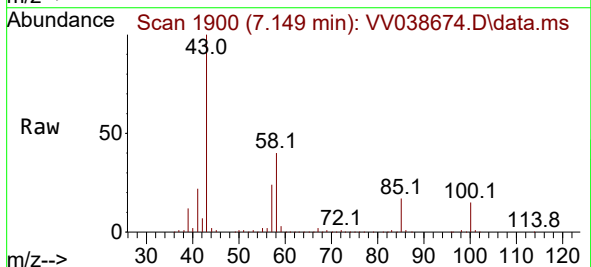
Tgt Ion: 43 Resp: 469076

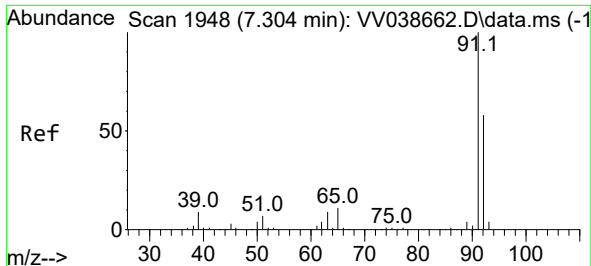
Ion Ratio Lower Upper

43 100

58 41.2 31.1 46.7

100 15.0 12.0 18.0

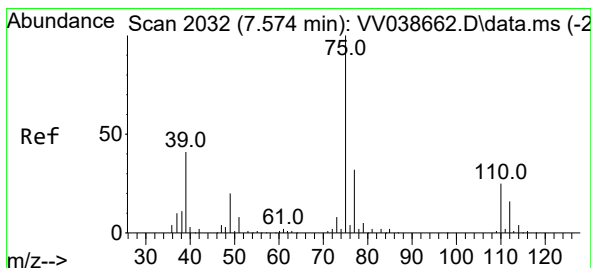
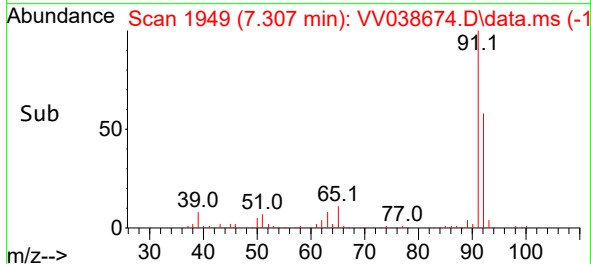
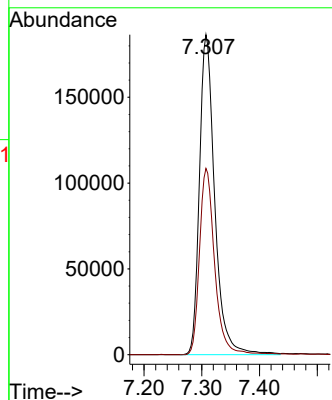
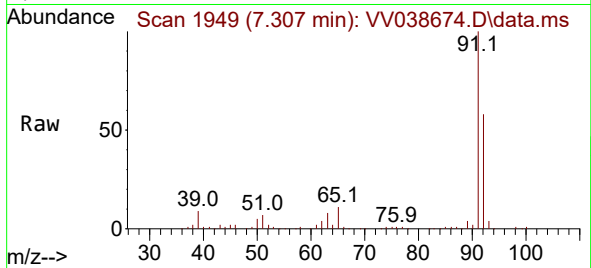




#42
Toluene
Concen: 5.36 ug/L
RT: 7.307 min Scan# 1948
Delta R.T. 0.003 min
Lab File: VV038674.D
Acq: 10 Feb 2025 17:40

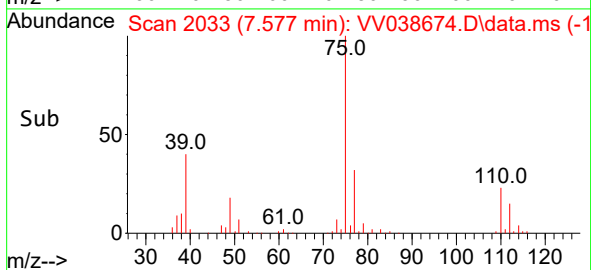
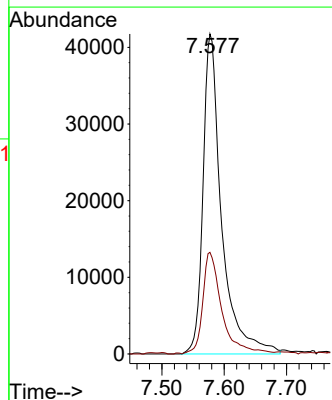
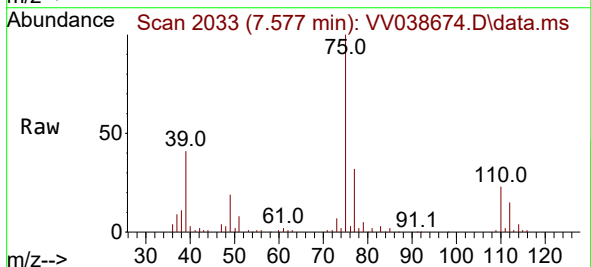
Instrument :
MSVOA_V
ClientSampleId :

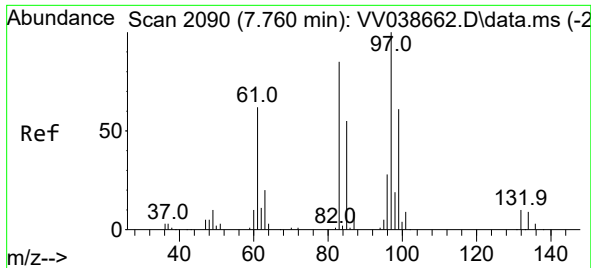
Tgt Ion: 91 Resp: 342584
Ion Ratio Lower Upper
91 100
92 58.2 39.3 72.9



#44
trans-1,3-Dichloropropene
Concen: 4.97 ug/L
RT: 7.577 min Scan# 2033
Delta R.T. 0.003 min
Lab File: VV038674.D
Acq: 10 Feb 2025 17:40

Tgt Ion: 75 Resp: 86476
Ion Ratio Lower Upper
75 100
77 31.8 21.4 39.8

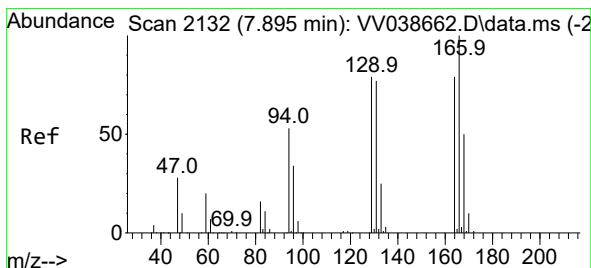
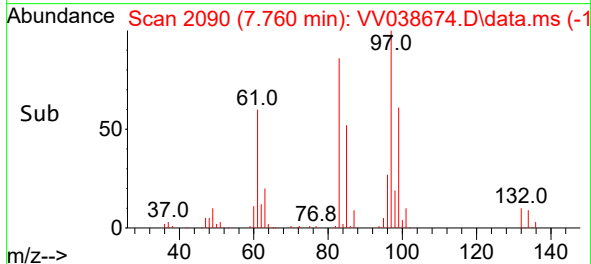
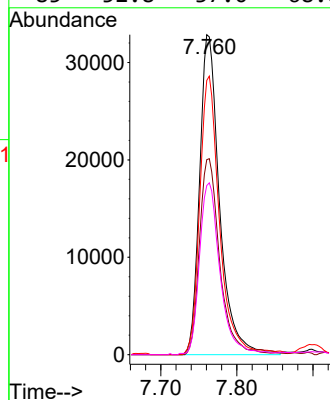
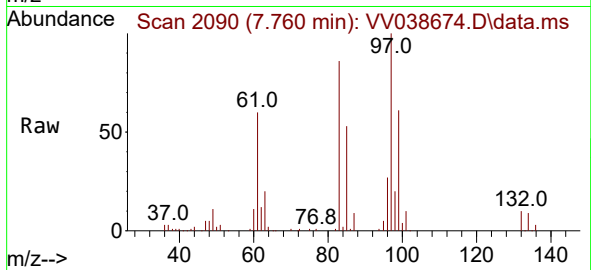




#45
1,1,2-Trichloroethane
Concen: 5.05 ug/L
RT: 7.760 min Scan# 2090
Delta R.T. 0.000 min
Lab File: VV038674.D
Acq: 10 Feb 2025 17:40

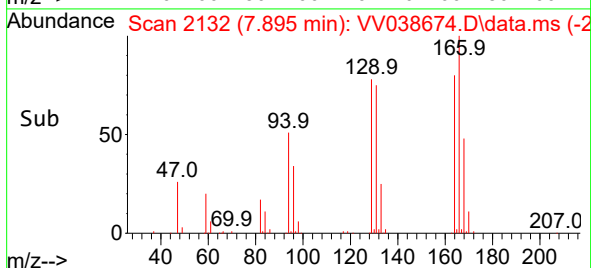
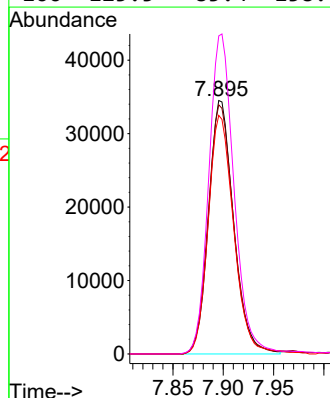
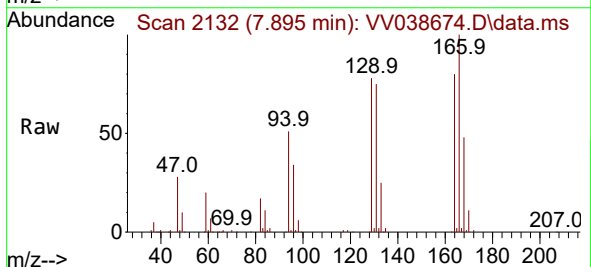
Instrument :
MSVOA_V
ClientSampleId :

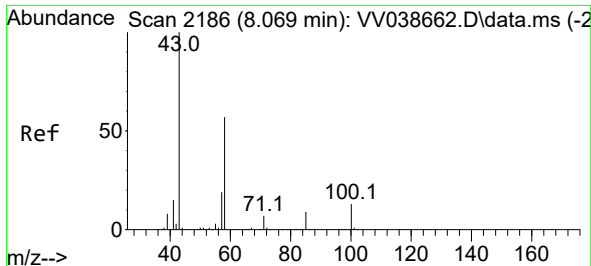
Tgt Ion:	97	Resp:	60024
Ion	Ratio	Lower	Upper
97	100		
99	60.9	42.7	79.3
83	85.7	57.2	106.2
85	52.8	37.0	68.8



#47
Tetrachloroethene
Concen: 4.96 ug/L
RT: 7.895 min Scan# 2132
Delta R.T. 0.000 min
Lab File: VV038674.D
Acq: 10 Feb 2025 17:40

Tgt Ion:	164	Resp:	59651
Ion	Ratio	Lower	Upper
164	100		
129	98.3	66.3	123.1
131	94.1	63.2	117.4
166	125.5	85.4	158.6



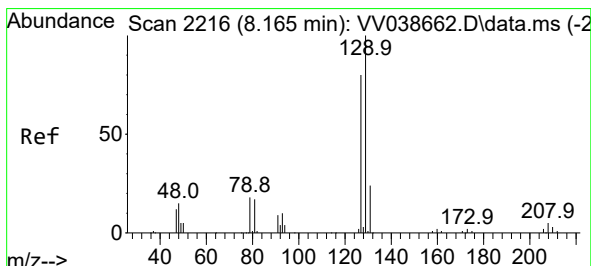
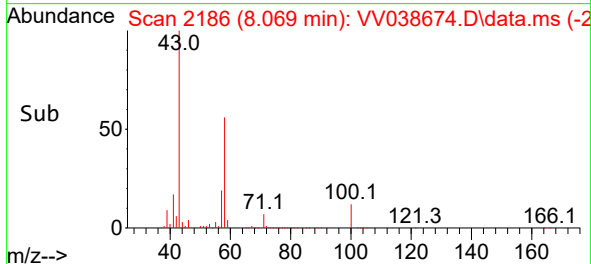
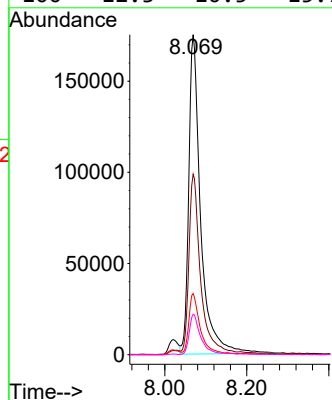
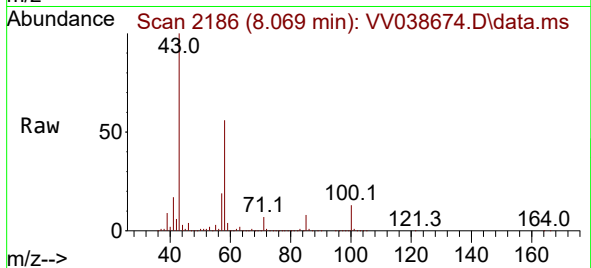


#48
2-Hexanone
Concen: 59.98 ug/L
RT: 8.069 min Scan# 2186
Delta R.T. 0.000 min
Lab File: VV038674.D
Acq: 10 Feb 2025 17:40

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 353310

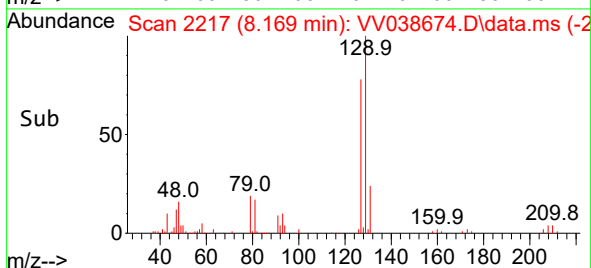
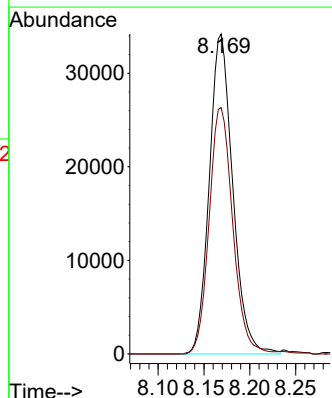
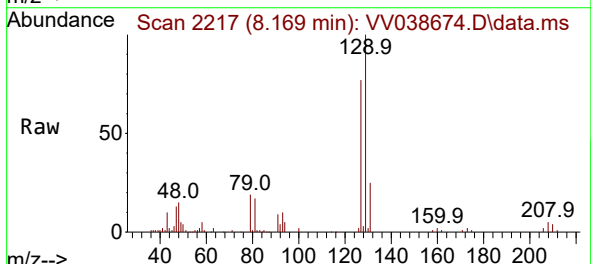
Ion	Ratio	Lower	Upper
43	100		
58	53.4	46.1	69.1
57	17.2	15.0	22.6
100	12.3	10.5	15.7

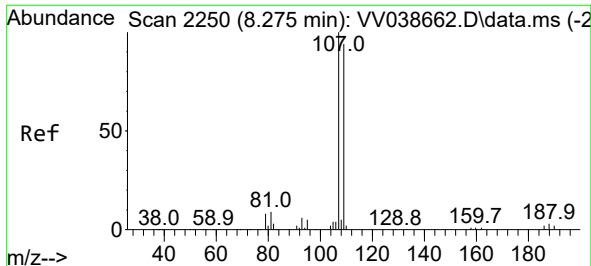


#49
Dibromochloromethane
Concen: 4.62 ug/L
RT: 8.169 min Scan# 2217
Delta R.T. 0.003 min
Lab File: VV038674.D
Acq: 10 Feb 2025 17:40

Tgt Ion: 129 Resp: 60944

Ion	Ratio	Lower	Upper
129	100		
127	77.0	53.5	99.3





#50

1,2-Dibromoethane

Concen: 5.16 ug/L

RT: 8.275 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV038674.D

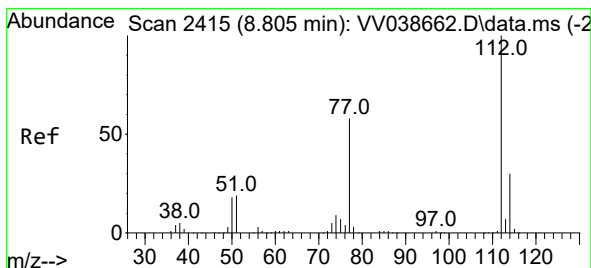
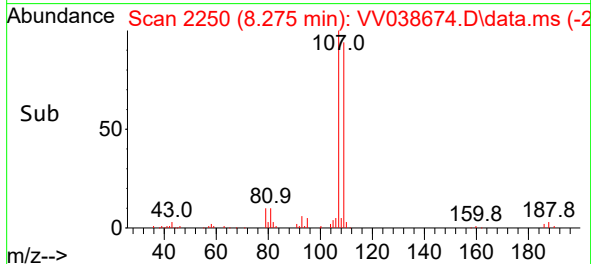
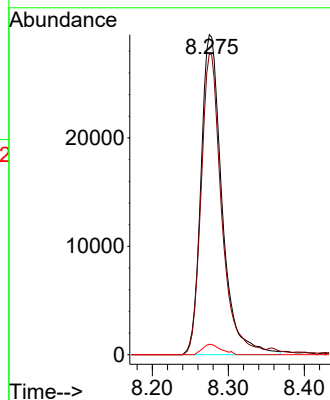
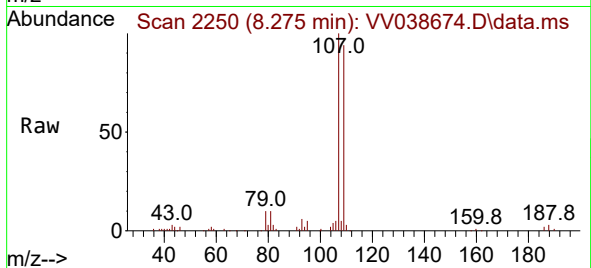
Acq: 10 Feb 2025 17:40

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	107	Resp:	56722
Ion	Ratio	Lower	Upper
107	100		
109	94.1	70.2	130.4
188	3.2	2.8	4.2



#51

Chlorobenzene

Concen: 5.12 ug/L

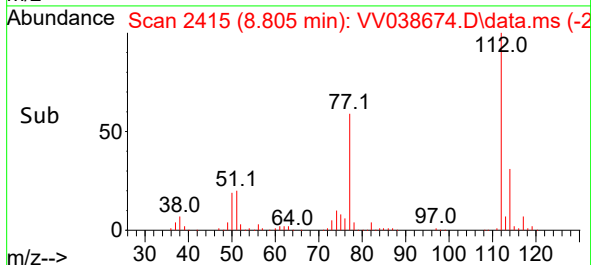
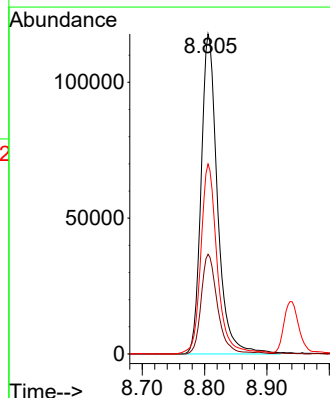
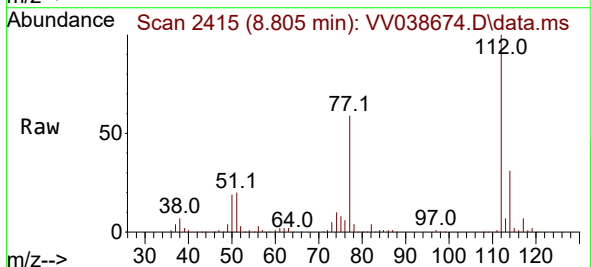
RT: 8.805 min Scan# 2415

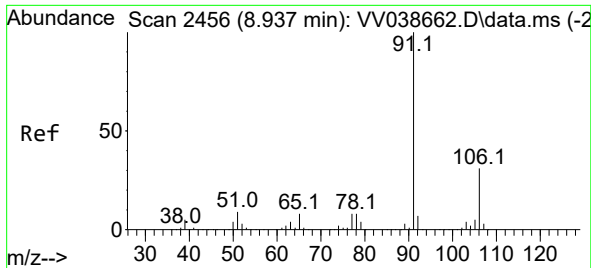
Delta R.T. 0.000 min

Lab File: VV038674.D

Acq: 10 Feb 2025 17:40

Tgt Ion:	112	Resp:	215193
Ion	Ratio	Lower	Upper
112	100		
114	31.1	22.6	42.0
77	59.4	47.0	70.6

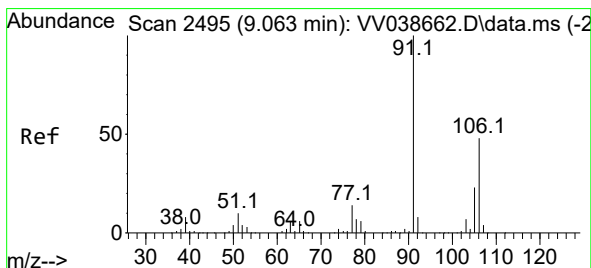
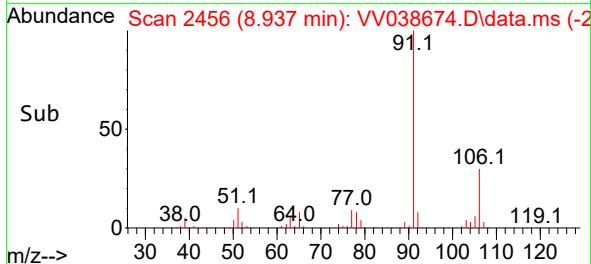
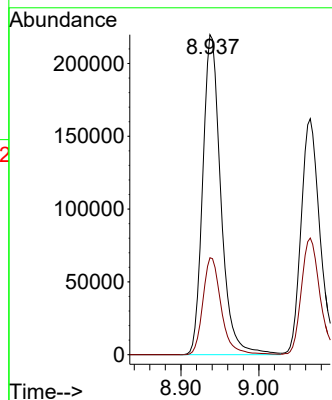
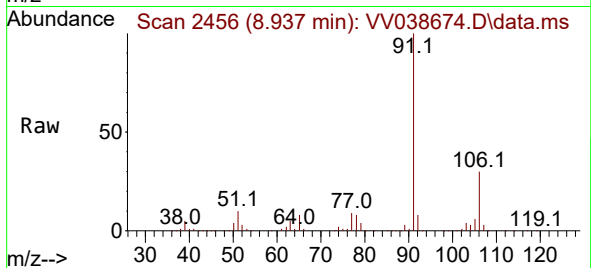




#52
Ethylbenzene
Concen: 5.24 ug/L
RT: 8.937 min Scan# 2456
Delta R.T. 0.000 min
Lab File: VV038674.D
Acq: 10 Feb 2025 17:40

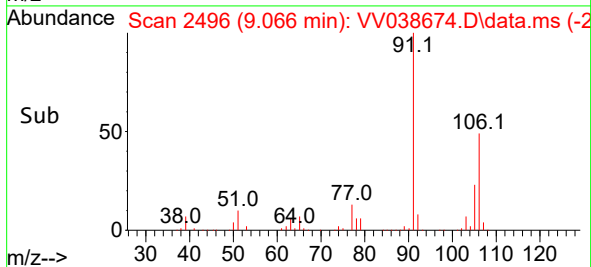
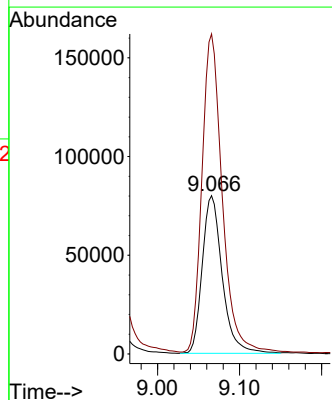
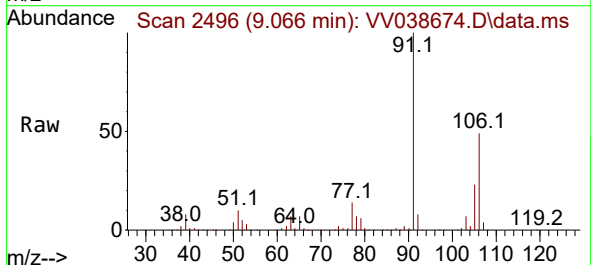
Instrument :
MSVOA_V
ClientSampleId :

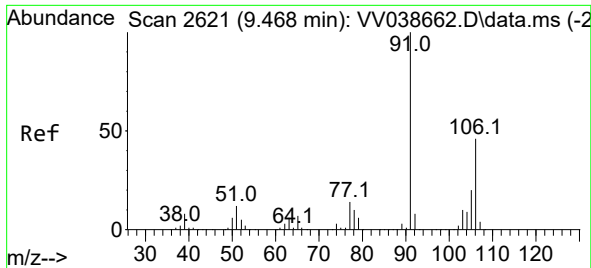
Tgt Ion: 91 Resp: 355190
Ion Ratio Lower Upper
91 100
106 30.3 21.3 39.6



#53
m,p-Xylene
Concen: 5.41 ug/L
RT: 9.066 min Scan# 2496
Delta R.T. 0.003 min
Lab File: VV038674.D
Acq: 10 Feb 2025 17:40

Tgt Ion: 106 Resp: 135015
Ion Ratio Lower Upper
106 100
91 202.3 146.3 271.7

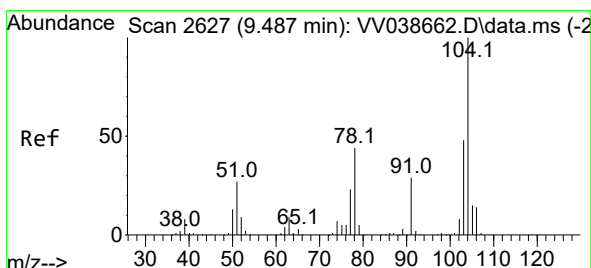
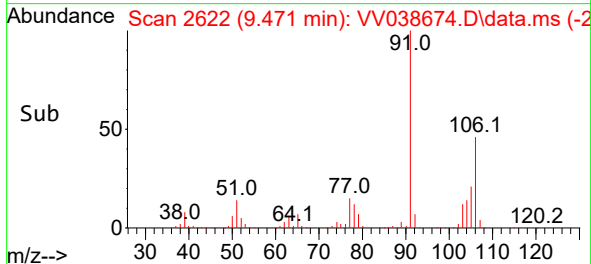
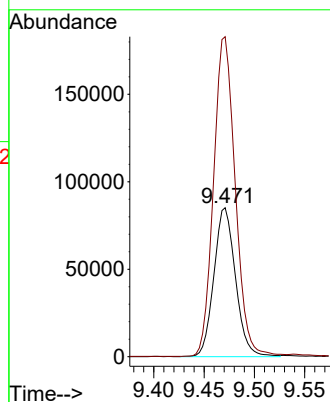
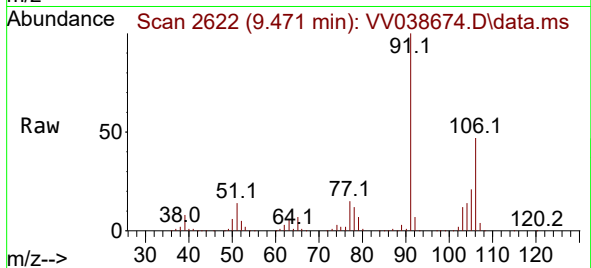




#54
o-Xylene
Concen: 5.23 ug/L
RT: 9.471 min Scan# 2621
Delta R.T. 0.003 min
Lab File: VV038674.D
Acq: 10 Feb 2025 17:40

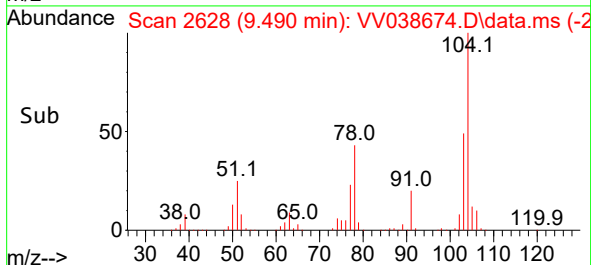
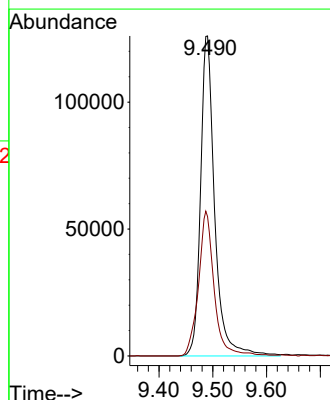
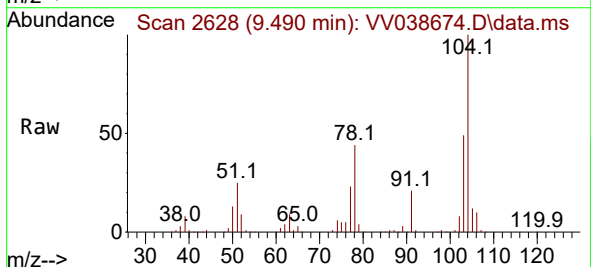
Instrument :
MSVOA_V
ClientSampleId :

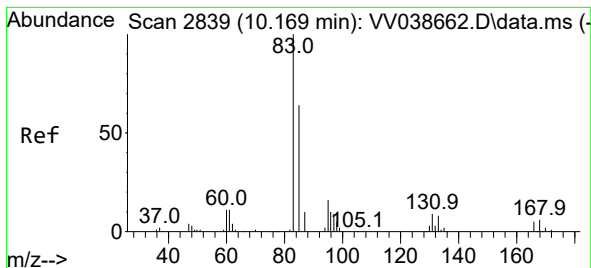
Tgt Ion:106 Resp: 127445
Ion Ratio Lower Upper
106 100
91 214.8 150.8 280.0



#55
Styrene
Concen: 5.58 ug/L
RT: 9.490 min Scan# 2628
Delta R.T. 0.003 min
Lab File: VV038674.D
Acq: 10 Feb 2025 17:40

Tgt Ion:104 Resp: 229998
Ion Ratio Lower Upper
104 100
78 43.6 30.5 56.7

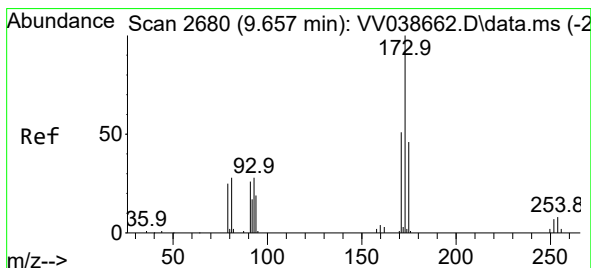
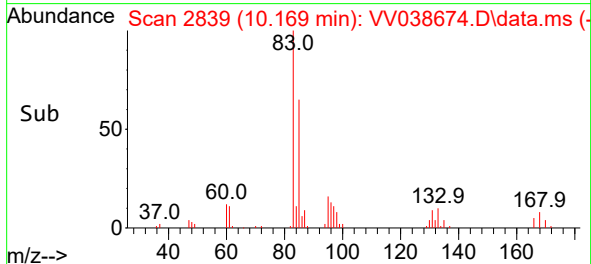
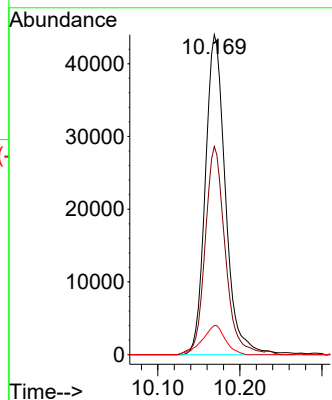
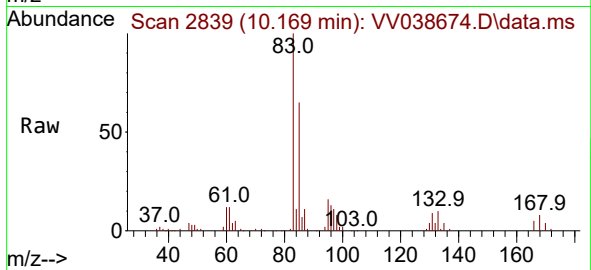




#57
1,1,2,2-Tetrachloroethane
Concen: 5.11 ug/L
RT: 10.169 min Scan# 2839
Delta R.T. 0.000 min
Lab File: VV038674.D
Acq: 10 Feb 2025 17:40

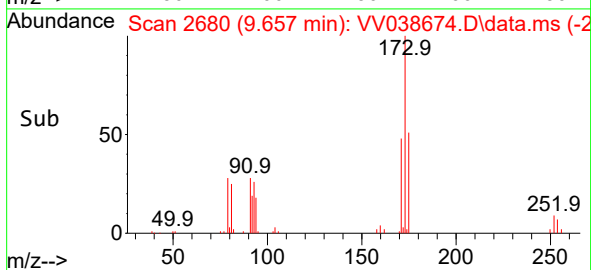
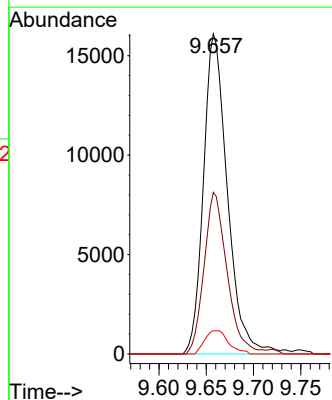
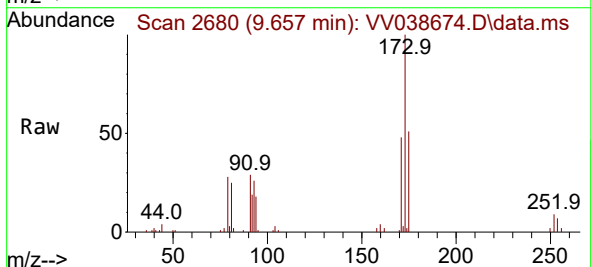
Instrument :
MSVOA_V
ClientSampleId :

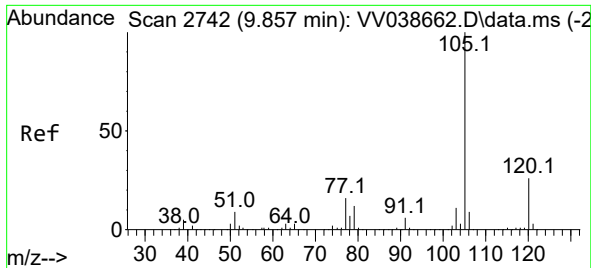
Tgt Ion: 83 Resp: 74796
Ion Ratio Lower Upper
83 100
85 65.1 46.1 85.5
131 9.1 8.5 12.7



#59
Bromoform
Concen: 4.41 ug/L
RT: 9.657 min Scan# 2680
Delta R.T. 0.000 min
Lab File: VV038674.D
Acq: 10 Feb 2025 17:40

Tgt Ion: 173 Resp: 28301
Ion Ratio Lower Upper
173 100
175 48.5 39.5 59.3
254 7.2 5.7 8.5

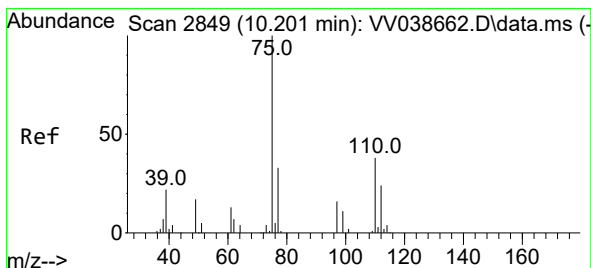
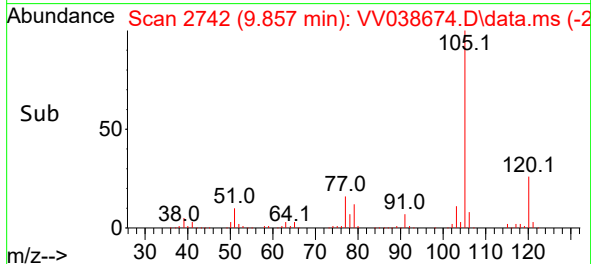
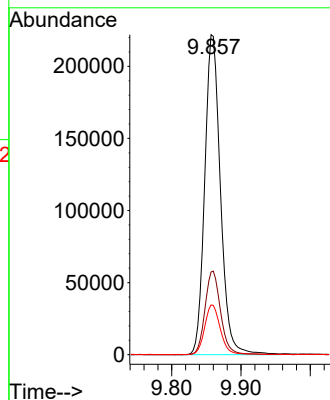
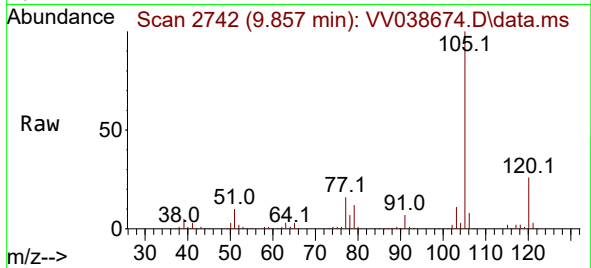




#60
Isopropylbenzene
Concen: 5.53 ug/L
RT: 9.857 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV038674.D
Acq: 10 Feb 2025 17:40

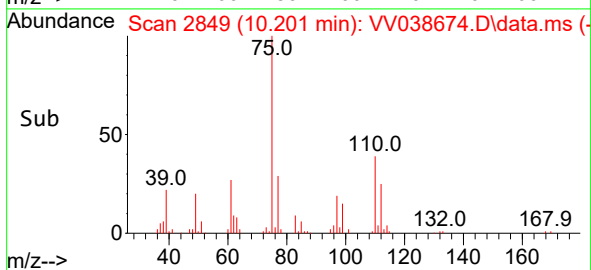
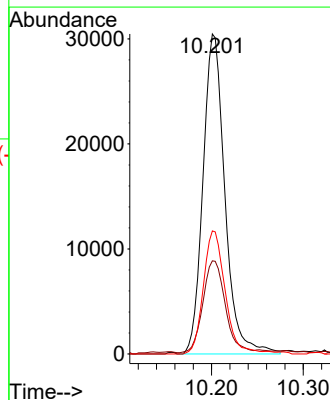
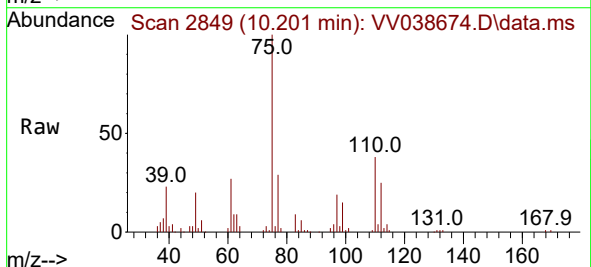
Instrument :
MSVOA_V
ClientSampleId :

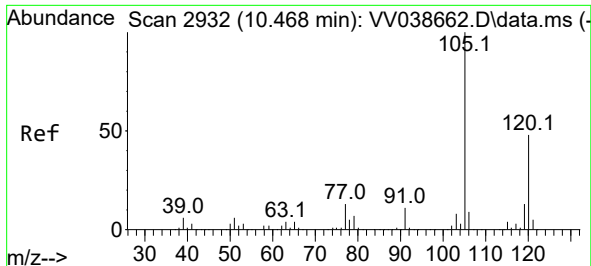
Tgt Ion:105 Resp: 349949
Ion Ratio Lower Upper
105 100
120 26.0 21.0 31.4
77 15.3 12.2 18.4



#61
1,2,3-Trichloropropane
Concen: 5.12 ug/L
RT: 10.201 min Scan# 2849
Delta R.T. 0.000 min
Lab File: VV038674.D
Acq: 10 Feb 2025 17:40

Tgt Ion: 75 Resp: 50638
Ion Ratio Lower Upper
75 100
77 29.2 25.5 38.3
110 38.3 30.9 46.3





#62

1,3,5-Trimethylbenzene

Concen: 5.36 ug/L

RT: 10.468 min Scan# 2932

Delta R.T. 0.000 min

Lab File: VV038674.D

Acq: 10 Feb 2025 17:40

Instrument :

MSVOA_V

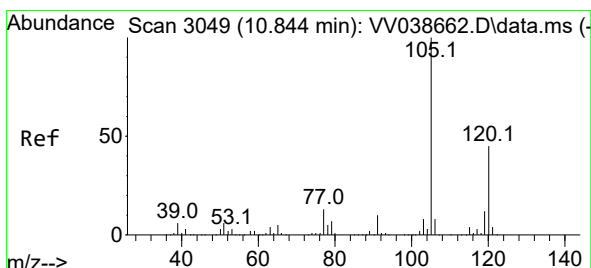
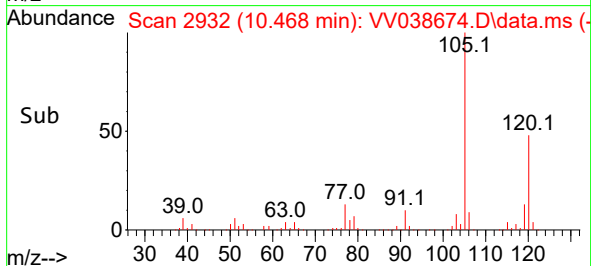
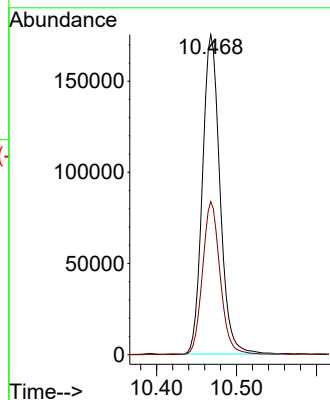
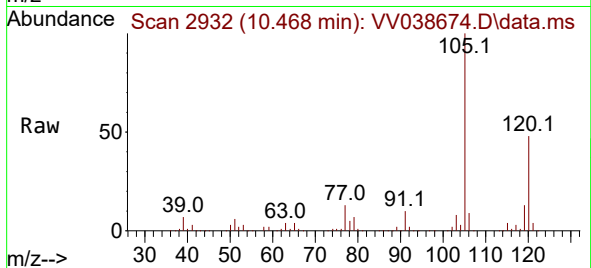
ClientSampleId :

Tgt Ion:105 Resp: 267471

Ion Ratio Lower Upper

105 100

120 48.4 38.3 57.5



#63

1,2,4-Trimethylbenzene

Concen: 5.44 ug/L

RT: 10.844 min Scan# 3049

Delta R.T. 0.000 min

Lab File: VV038674.D

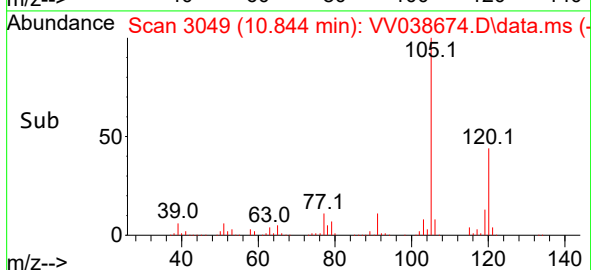
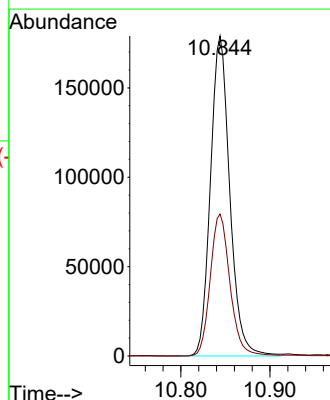
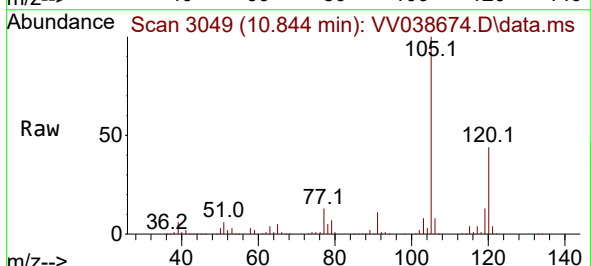
Acq: 10 Feb 2025 17:40

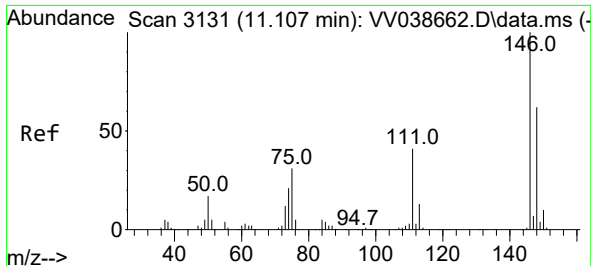
Tgt Ion:105 Resp: 269459

Ion Ratio Lower Upper

105 100

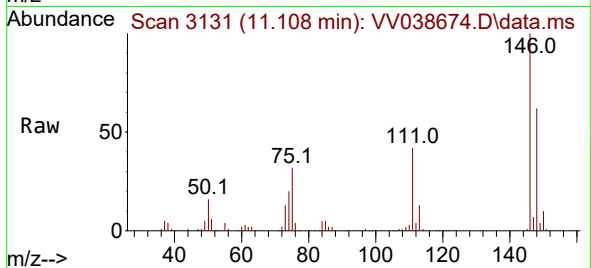
120 45.3 36.2 54.2



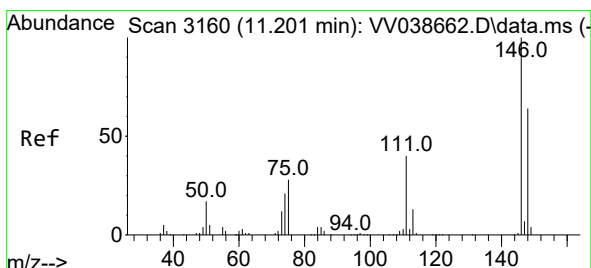
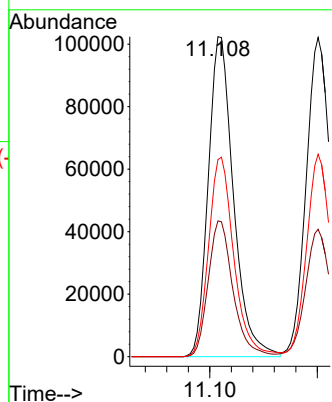
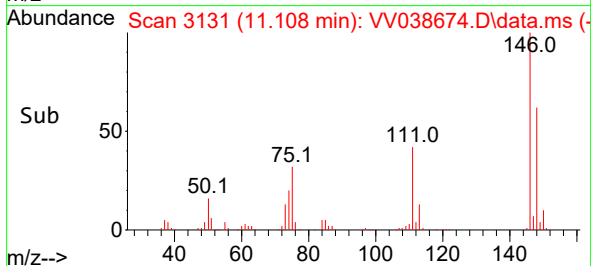


#64
1,3-Dichlorobenzene
Concen: 5.27 ug/L
RT: 11.108 min Scan# 3131
Delta R.T. 0.000 min
Lab File: VV038674.D
Acq: 10 Feb 2025 17:40

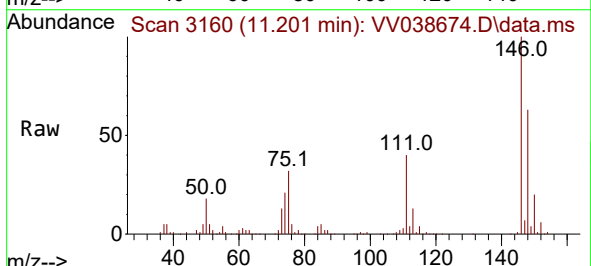
Instrument :
MSVOA_V
ClientSampleId :



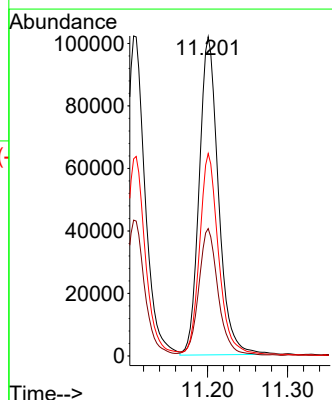
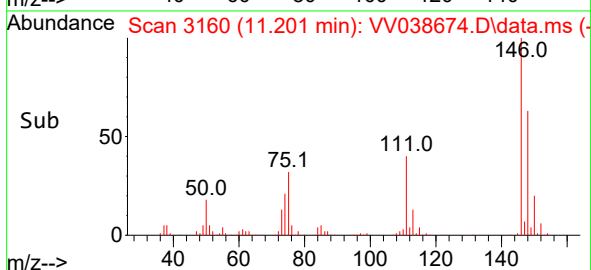
Tgt Ion:146 Resp: 166709
Ion Ratio Lower Upper
146 100
111 42.5 29.0 53.9
148 61.6 44.1 81.9

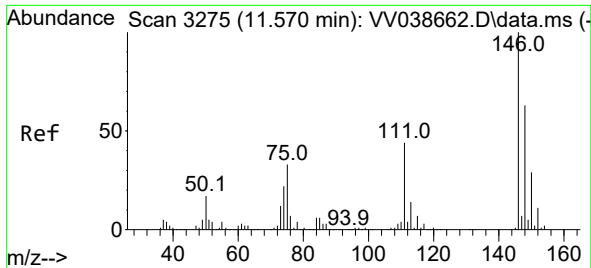


#65
1,4-Dichlorobenzene
Concen: 5.31 ug/L
RT: 11.201 min Scan# 3160
Delta R.T. 0.000 min
Lab File: VV038674.D
Acq: 10 Feb 2025 17:40



Tgt Ion:146 Resp: 170989
Ion Ratio Lower Upper
146 100
111 39.9 27.7 51.5
148 63.4 44.9 83.5

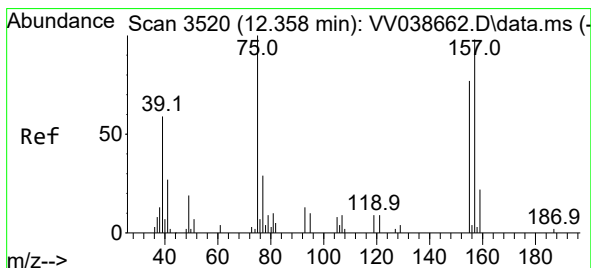
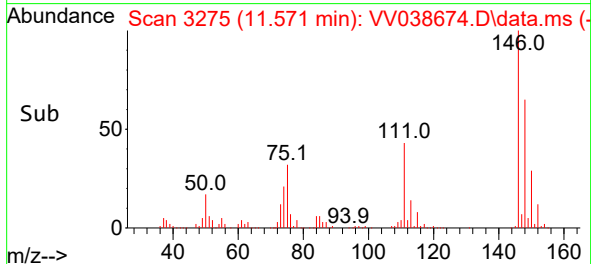
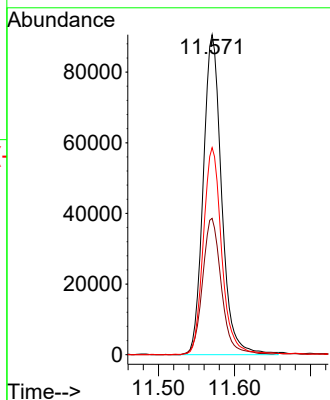
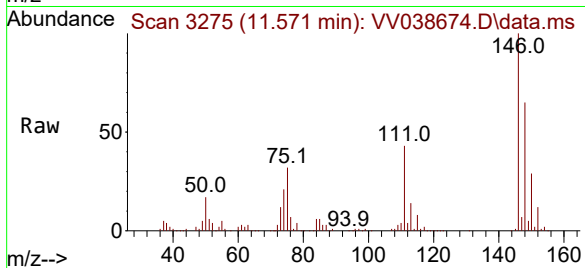




#67
1,2-Dichlorobenzene
Concen: 5.12 ug/L
RT: 11.571 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV038674.D
Acq: 10 Feb 2025 17:40

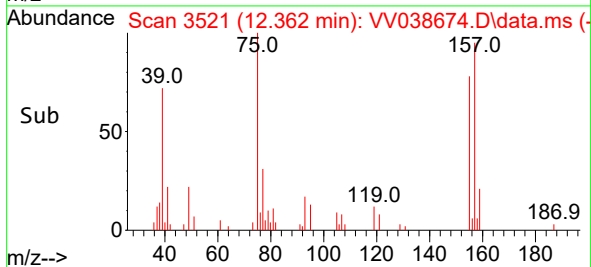
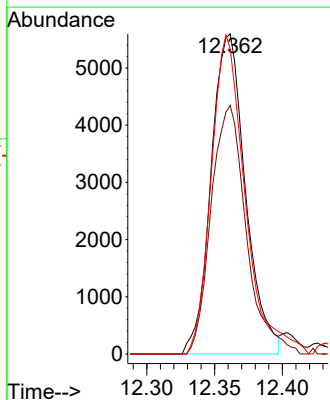
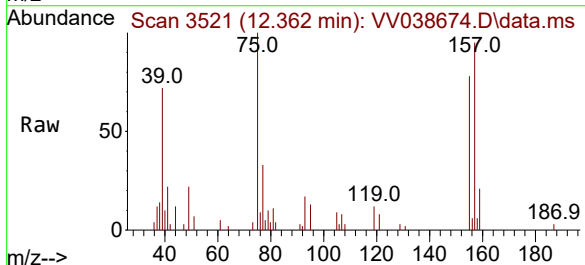
Instrument :
MSVOA_V
ClientSampleId :

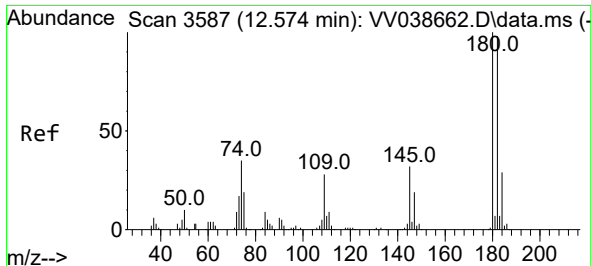
Tgt Ion:146 Resp: 151981
Ion Ratio Lower Upper
146 100
111 42.6 35.4 53.0
148 64.7 52.2 78.2



#68
1,2-Dibromo-3-chloropropane
Concen: 4.89 ug/L
RT: 12.362 min Scan# 3521
Delta R.T. 0.003 min
Lab File: VV038674.D
Acq: 10 Feb 2025 17:40

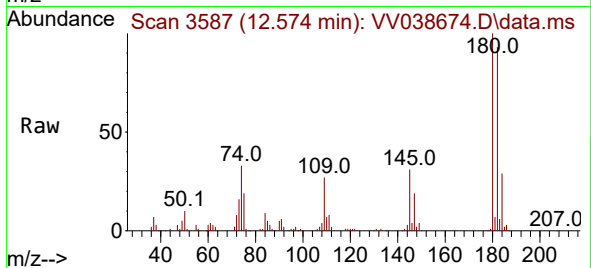
Tgt Ion: 75 Resp: 9852
Ion Ratio Lower Upper
75 100
155 77.7 60.3 90.5
157 95.4 76.9 115.3



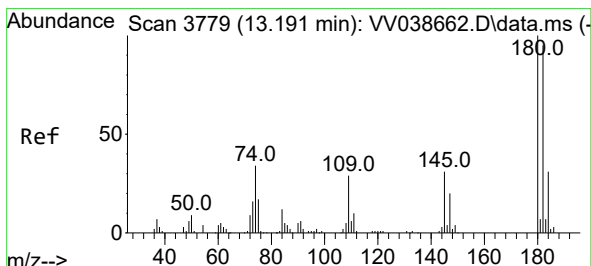
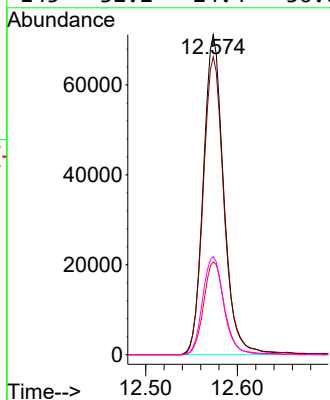
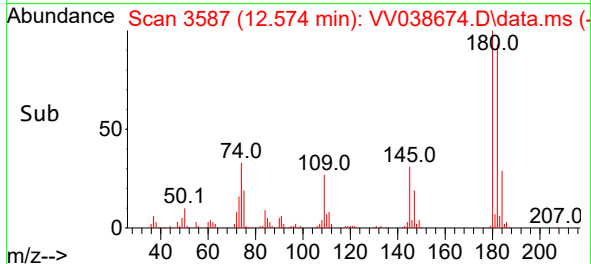


#69
 1,3,5-Trichlorobenzene
 Concen: 5.30 ug/L
 RT: 12.574 min Scan# 3587
 Delta R.T. 0.000 min
 Lab File: VV038674.D
 Acq: 10 Feb 2025 17:40

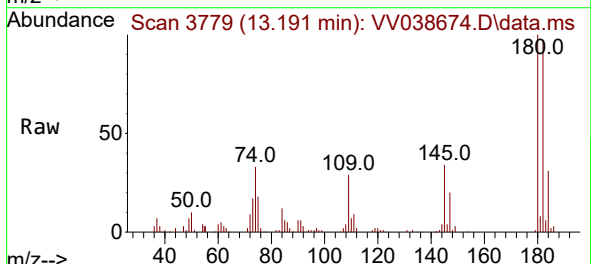
Instrument :
 MSVOA_V
 ClientSampleId :



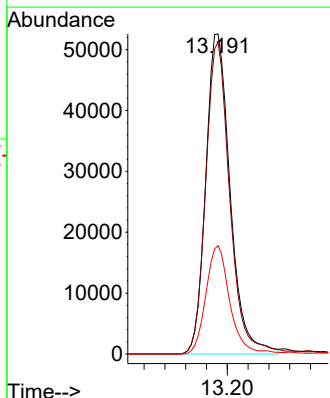
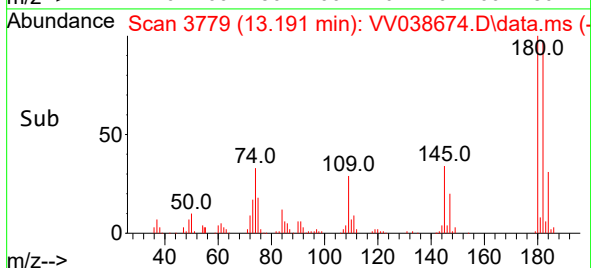
Tgt Ion:180 Resp: 109967
 Ion Ratio Lower Upper
 180 100
 182 94.7 75.6 113.4
 184 29.7 24.1 36.1
 145 32.2 24.4 36.6

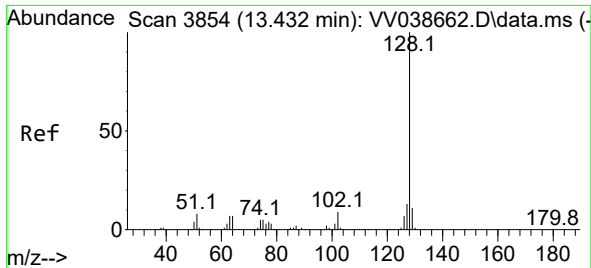


#70
 1,2,4-trichlorobenzene
 Concen: 5.45 ug/L
 RT: 13.191 min Scan# 3779
 Delta R.T. 0.000 min
 Lab File: VV038674.D
 Acq: 10 Feb 2025 17:40



Tgt Ion:180 Resp: 85588
 Ion Ratio Lower Upper
 180 100
 182 96.3 76.6 115.0
 145 33.1 26.0 39.0

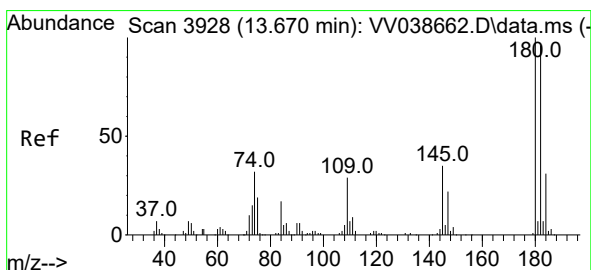
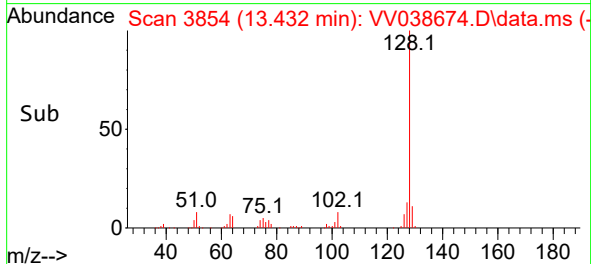
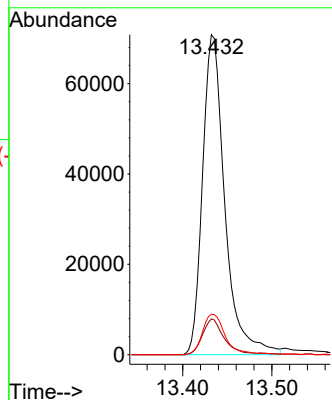
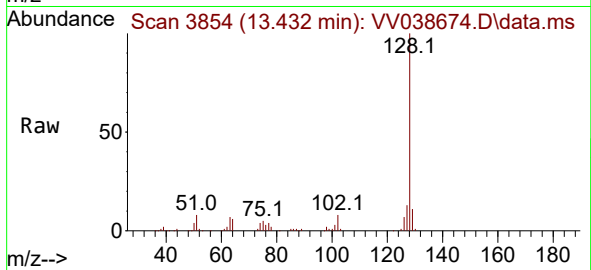




#71
Naphthalene
Concen: 4.90 ug/L
RT: 13.432 min Scan# 3854
Delta R.T. 0.000 min
Lab File: VV038674.D
Acq: 10 Feb 2025 17:40

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 123129
Ion Ratio Lower Upper
128 100
129 11.1 7.6 11.4
127 12.7 10.9 16.3



#72
1,2,3-Trichlorobenzene
Concen: 5.55 ug/L
RT: 13.670 min Scan# 3928
Delta R.T. 0.000 min
Lab File: VV038674.D
Acq: 10 Feb 2025 17:40

Tgt Ion:180 Resp: 80777
Ion Ratio Lower Upper
180 100
182 93.1 76.0 114.0
145 32.7 28.4 42.6

