

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VW012225\
 Data File : VW038496.D
 Acq On : 22 Jan 2025 13:38
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 23 01:33:32 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011725WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 22 02:52:26 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	178704	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	187109	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.175	152	105280	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	63046	4.278	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.600%
7) Chloroethane-d5	1.532	69	56125	4.535	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.800%
11) 1,1-Dichloroethene-d2	2.056	65	28537	4.297	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.000%
20) 2-Butanone-d5	3.818	46	155008	50.010	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.020%
24) Chloroform-d	4.239	84	137606	4.982	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.600%
26) 1,2-Dichloroethane-d4	4.937	65	60944	4.815	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.200%
32) Benzene-d6	4.950	84	248303	4.818	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.400%
36) 1,2-Dichloropropane-d6	5.979	67	76217	4.866	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.400%
41) Toluene-d8	7.233	98	233578	5.046	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.000%
43) trans-1,3-Dichloroprop...	7.551	79	28607	4.993	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.800%
46) 2-Hexanone-d5	8.021	63	101319	44.820	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.640%
56) 1,1,2,2-Tetrachloroeth...	10.143	84	61817	4.978	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.600%
66) 1,2-Dichlorobenzene-d4	11.551	152	82878	4.651	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	114231	5.707	ug/L	99
3) Chloromethane	1.214	50	112222	5.479	ug/L	99
5) Vinyl chloride	1.281	62	112989	5.460	ug/L	97
6) Bromomethane	1.487	94	62164	6.005	ug/L	95
8) Chloroethane	1.548	64	65557	5.288	ug/L	98
9) Trichlorofluoromethane	1.712	101	155754	5.914	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	92421	6.139	ug/L	98
12) 1,1-Dichloroethene	2.066	96	82122	5.542	ug/L	95
13) Acetone	2.159	43	116853	48.453	ug/L	98
14) Carbon disulfide	2.236	76	271386	5.451	ug/L	99
15) Methyl Acetate	2.387	43	28330	4.598	ug/L #	88
16) Methylene chloride	2.442	84	87383	5.320	ug/L	96
17) Methyl tert-butyl Ether	2.696	73	165415	5.305	ug/L	100
18) trans-1,2-Dichloroethene	2.690	96	85334	5.601	ug/L	99
19) 1,1-Dichloroethane	3.104	63	163355	5.634	ug/L	100
21) 2-Butanone	3.899	43	163844	47.893	ug/L #	73
22) cis-1,2-Dichloroethene	3.805	96	84967	5.485	ug/L	98
23) Bromochloromethane	4.140	128	39649	5.626	ug/L	94
25) Chloroform	4.265	83	163332	5.698	ug/L	100

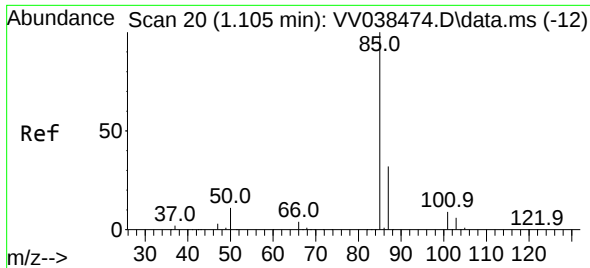
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VW012225\
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 22 02:52:26 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.034	62	87398	5.483	ug/L	100
29) 1,1,1-Trichloroethane	4.500	97	145002	5.829	ug/L	97
30) Cyclohexane	4.571	56	126420	5.580	ug/L	96
31) Carbon tetrachloride	4.725	117	130361	5.929	ug/L	99
33) Benzene	4.998	78	340037	5.723	ug/L	100
34) Trichloroethene	5.825	95	88193	5.712	ug/L	93
35) Methylcyclohexane	6.040	83	136785	5.812	ug/L	98
37) 1,2-Dichloropropane	6.082	63	88417	5.763	ug/L	98
38) Bromodichloromethane	6.423	83	112324	5.644	ug/L	99
39) cis-1,3-Dichloropropene	6.947	75	113145	5.349	ug/L	97
40) 4-Methyl-2-pentanone	7.149	43	430447	54.219	ug/L	99
42) Toluene	7.307	91	372561	6.017	ug/L	98
44) trans-1,3-Dichloropropene	7.574	75	97624	5.447	ug/L	99
45) 1,1,2-Trichloroethane	7.760	97	61143	5.540	ug/L	98
47) Tetrachloroethene	7.895	164	72397	6.058	ug/L	94
48) 2-Hexanone	8.069	43	305766	53.193	ug/L	98
49) Dibromochloromethane	8.165	129	70467	5.546	ug/L	100
50) 1,2-Dibromoethane	8.275	107	56028	5.456	ug/L	99
51) Chlorobenzene	8.805	112	232477	5.579	ug/L	98
52) Ethylbenzene	8.937	91	380596	5.714	ug/L	99
53) m,p-Xylene	9.062	106	147508	5.842	ug/L	93
54) o-Xylene	9.468	106	138186	5.743	ug/L	100
55) Styrene	9.487	104	251174	5.987	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.169	83	70822	5.270	ug/L	98
59) Bromoform	9.657	173	36098	4.917	ug/L	96
60) Isopropylbenzene	9.857	105	386907	5.462	ug/L	99
61) 1,2,3-Trichloropropane	10.201	75	51046	5.046	ug/L	97
62) 1,3,5-Trimethylbenzene	10.468	105	291429	5.253	ug/L	100
63) 1,2,4-Trimethylbenzene	10.841	105	296843	5.357	ug/L	98
64) 1,3-Dichlorobenzene	11.107	146	196698	5.597	ug/L	99
65) 1,4-Dichlorobenzene	11.201	146	194099	5.342	ug/L	98
67) 1,2-Dichlorobenzene	11.570	146	175334	5.328	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.358	75	9307	4.452	ug/L	95
69) 1,3,5-Trichlorobenzene	12.574	180	128126	5.301	ug/L	97
70) 1,2,4-trichlorobenzene	13.188	180	91675	5.103	ug/L	98
71) Naphthalene	13.432	128	113584	4.268	ug/L	99
72) 1,2,3-Trichlorobenzene	13.670	180	78969	5.084	ug/L	98

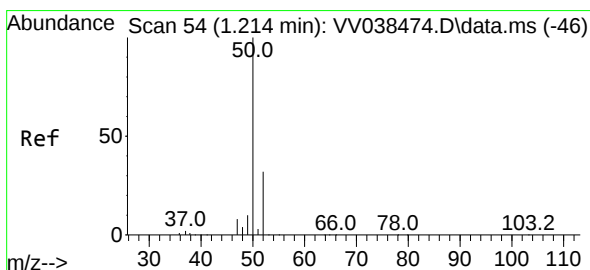
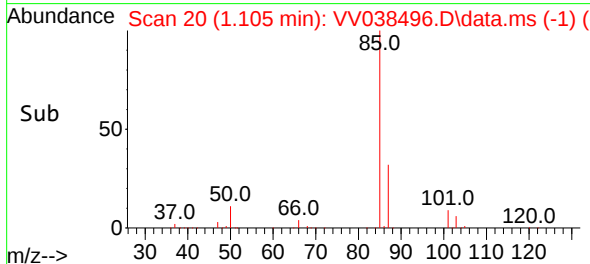
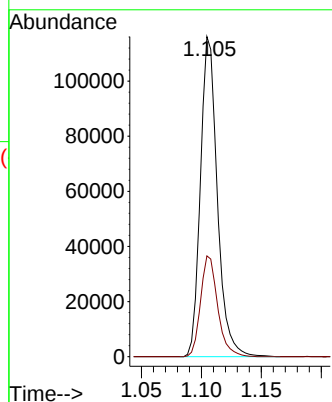
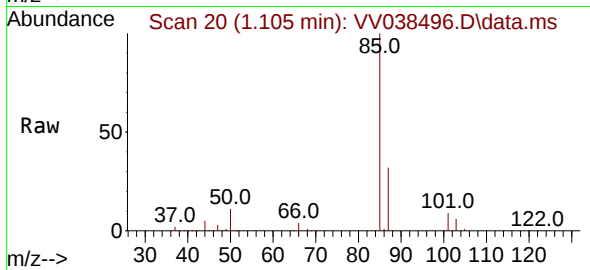
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 5.707 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VV038496.D
 Acq: 22 Jan 2025 13:38

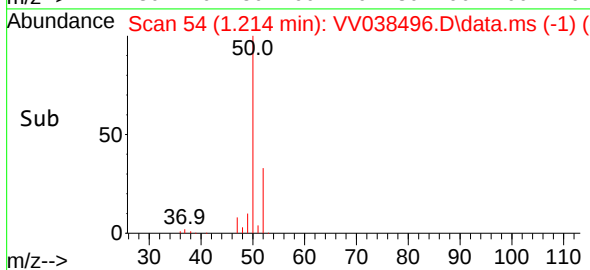
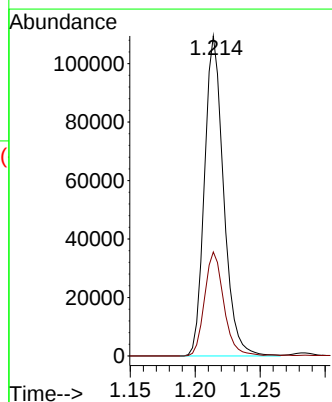
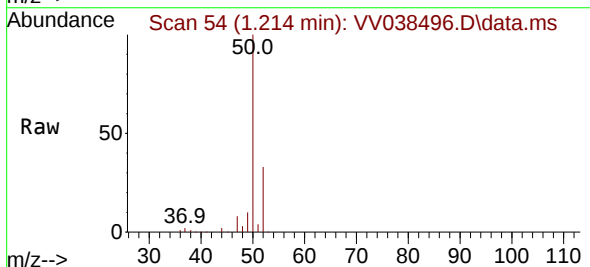
Instrument :
 MSVOA_V
 ClientSampleId :

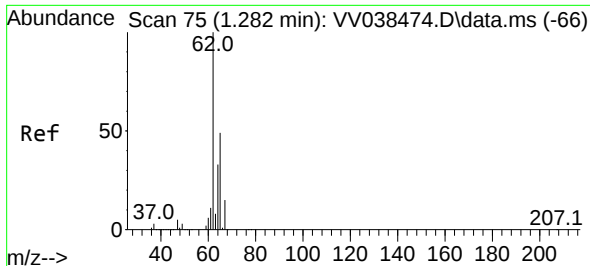
Tgt Ion: 85 Resp: 114231
 Ion Ratio Lower Upper
 85 100
 87 31.8 26.0 39.0



#3
 Chloromethane
 Concen: 5.479 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. -0.000 min
 Lab File: VV038496.D
 Acq: 22 Jan 2025 13:38

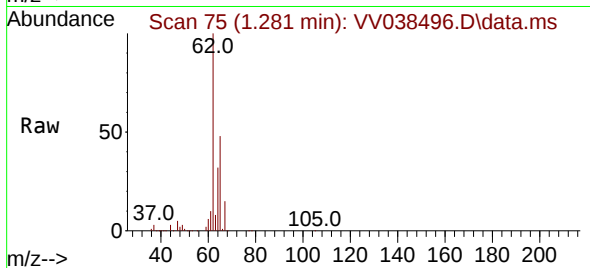
Tgt Ion: 50 Resp: 112222
 Ion Ratio Lower Upper
 50 100
 52 32.5 23.0 42.6



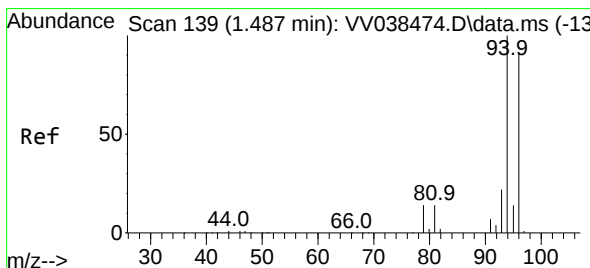
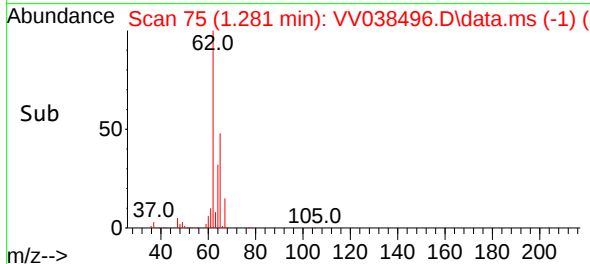
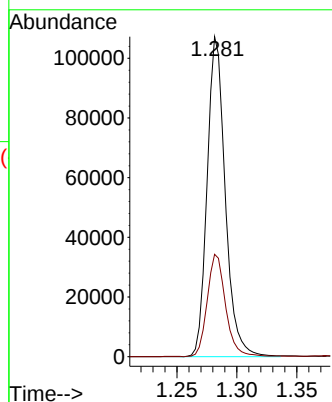


#5
 Vinyl chloride
 Concen: 5.460 ug/L
 RT: 1.281 min Scan# 75
 Delta R.T. -0.000 min
 Lab File: VV038496.D
 Acq: 22 Jan 2025 13:38

Instrument :
 MSVOA_V
 ClientSampleId :

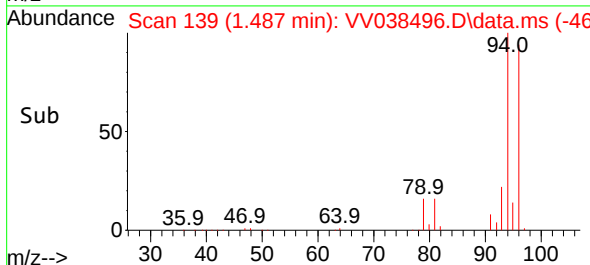
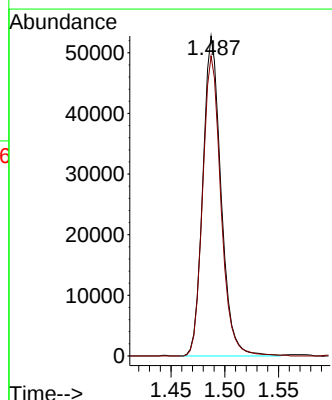
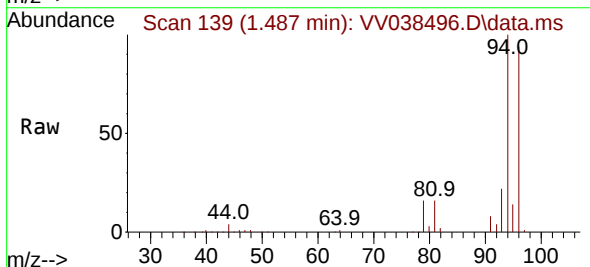


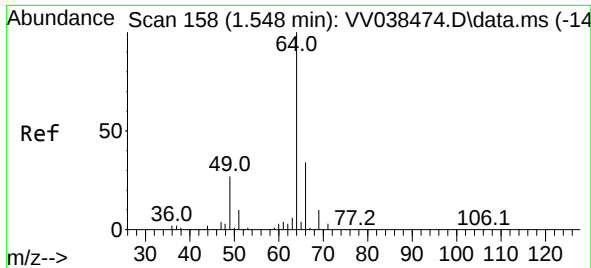
Tgt Ion: 62 Resp: 112989
 Ion Ratio Lower Upper
 62 100
 64 32.0 23.5 43.7



#6
 Bromomethane
 Concen: 6.005 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. -0.000 min
 Lab File: VV038496.D
 Acq: 22 Jan 2025 13:38

Tgt Ion: 94 Resp: 62164
 Ion Ratio Lower Upper
 94 100
 96 93.7 68.9 127.9

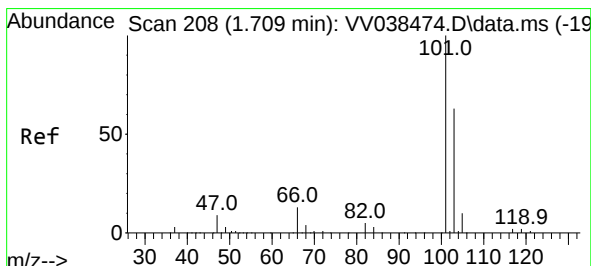
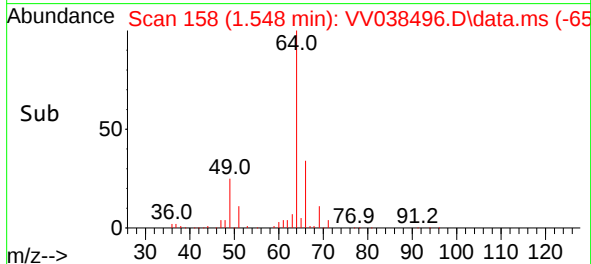
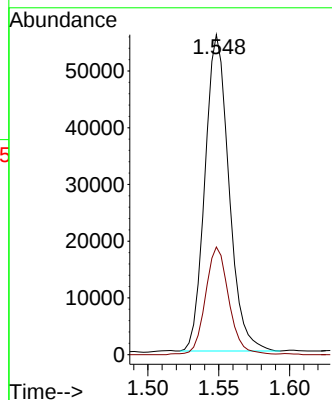
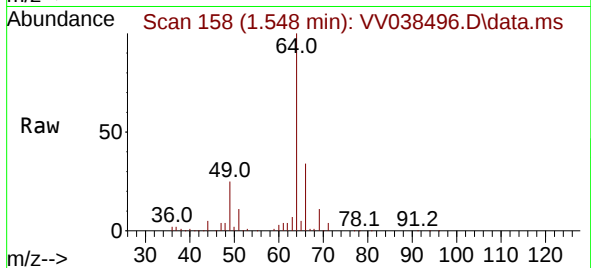




#8
Chloroethane
Concen: 5.288 ug/L
RT: 1.548 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV038496.D
Acq: 22 Jan 2025 13:38

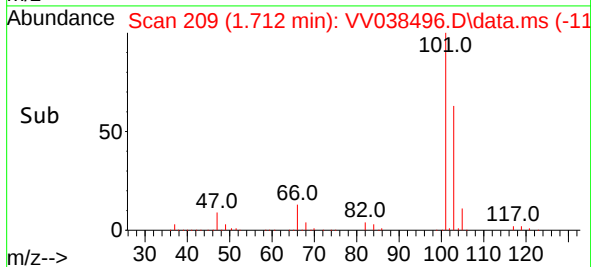
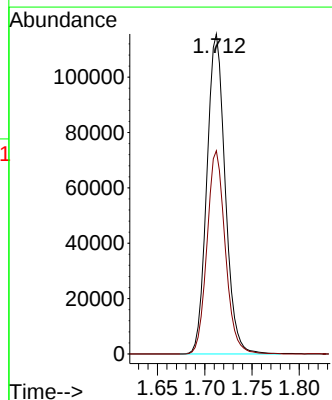
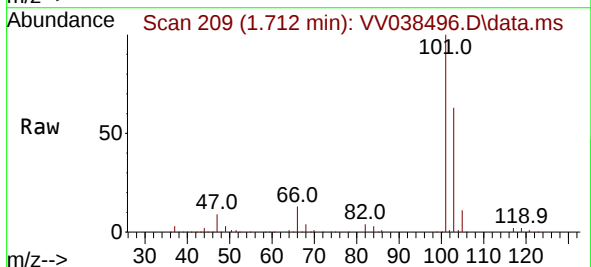
Instrument :
MSVOA_V
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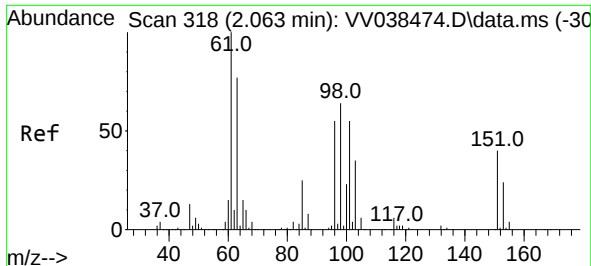
Tgt Ion: 64 Resp: 65557
Ion Ratio Lower Upper
64 100
66 33.7 22.7 42.1



#9
Trichlorofluoromethane
Concen: 5.914 ug/L
RT: 1.712 min Scan# 209
Delta R.T. 0.003 min
Lab File: VV038496.D
Acq: 22 Jan 2025 13:38

Tgt Ion:101 Resp: 155754
Ion Ratio Lower Upper
101 100
103 63.2 51.5 77.3

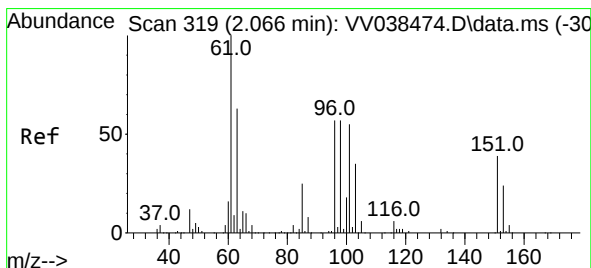
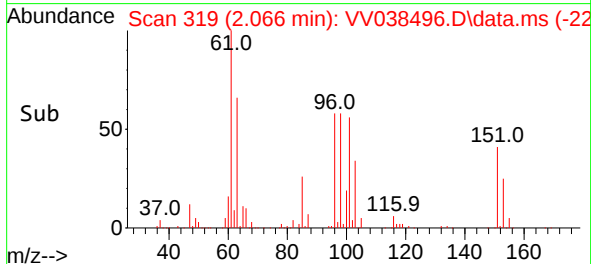
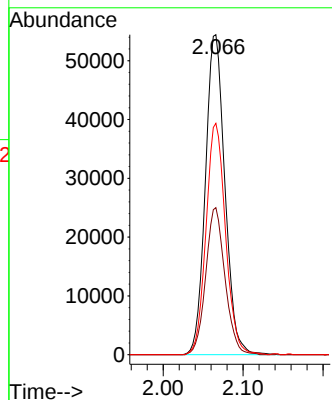
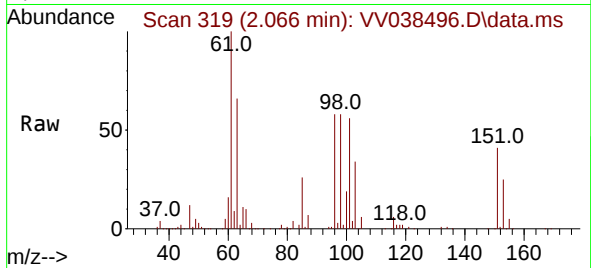




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 6.139 ug/L
 RT: 2.066 min Scan# 318
 Delta R.T. 0.003 min
 Lab File: VV038496.D
 Acq: 22 Jan 2025 13:38

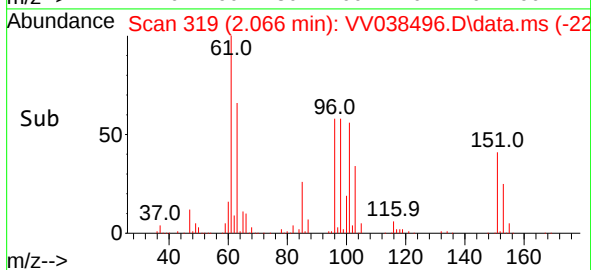
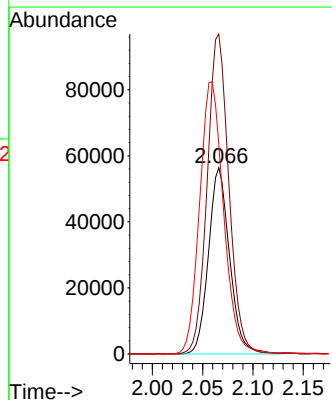
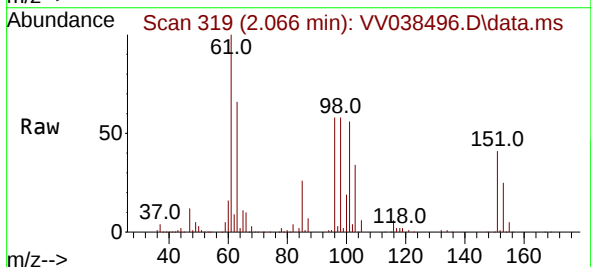
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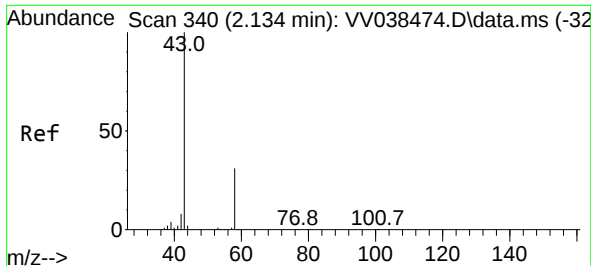
Tgt Ion:101 Resp: 92421
 Ion Ratio Lower Upper
 101 100
 85 45.4 35.2 52.8
 151 72.4 56.6 85.0



#12
 1,1-Dichloroethene
 Concen: 5.542 ug/L
 RT: 2.066 min Scan# 319
 Delta R.T. -0.000 min
 Lab File: VV038496.D
 Acq: 22 Jan 2025 13:38

Tgt Ion: 96 Resp: 82122
 Ion Ratio Lower Upper
 96 100
 61 171.8 122.2 227.0
 63 113.0 86.2 160.0





#13

Acetone

Concen: 48.453 ug/L

RT: 2.159 min Scan# 340

Delta R.T. 0.026 min

Lab File: VV038496.D

Acq: 22 Jan 2025 13:38

Instrument :

MSVOA_V

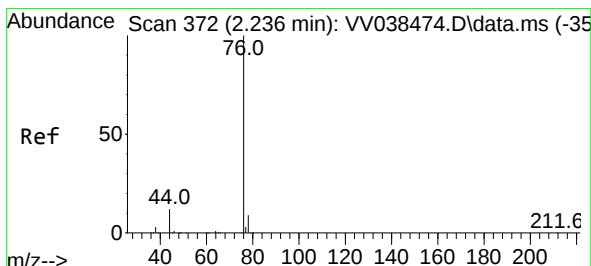
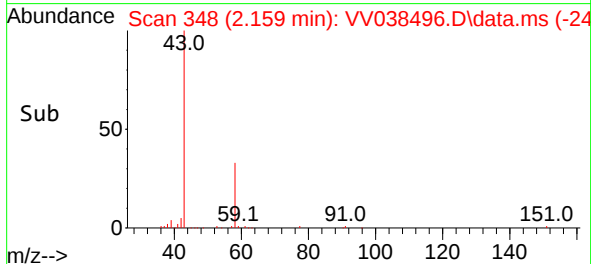
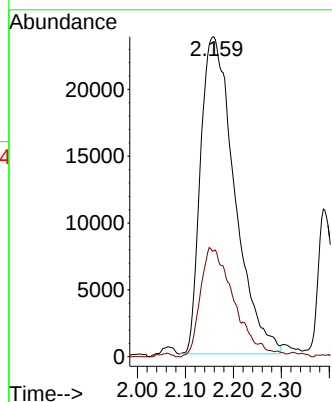
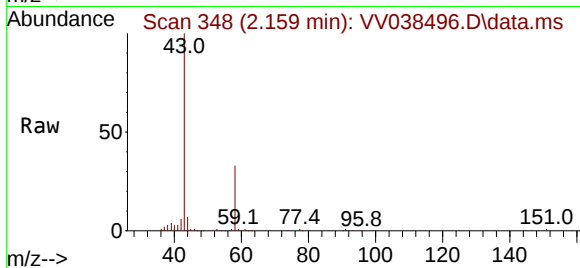
ClientSampleId :

Tgt Ion: 43 Resp: 116853

Ion Ratio Lower Upper

43 100

58 32.5 0.0 67.2



#14

Carbon disulfide

Concen: 5.451 ug/L

RT: 2.236 min Scan# 372

Delta R.T. -0.000 min

Lab File: VV038496.D

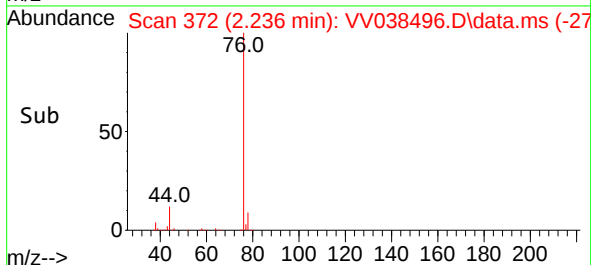
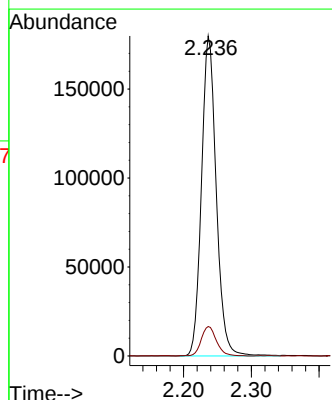
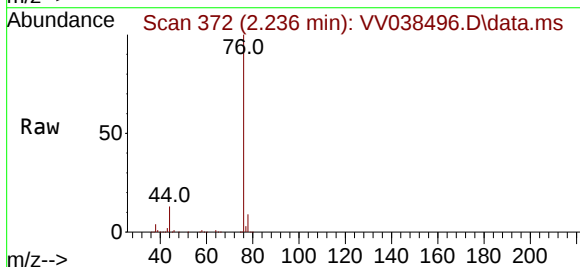
Acq: 22 Jan 2025 13:38

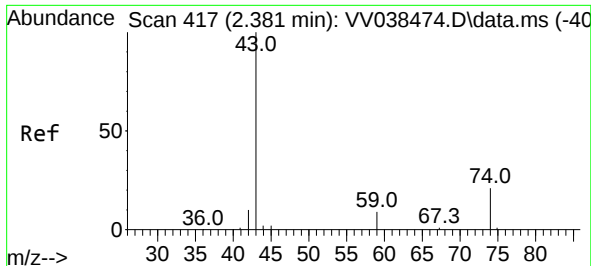
Tgt Ion: 76 Resp: 271386

Ion Ratio Lower Upper

76 100

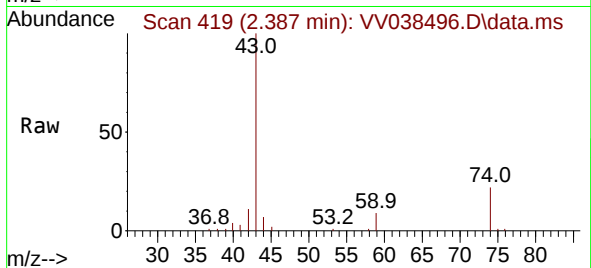
78 9.2 7.6 11.4



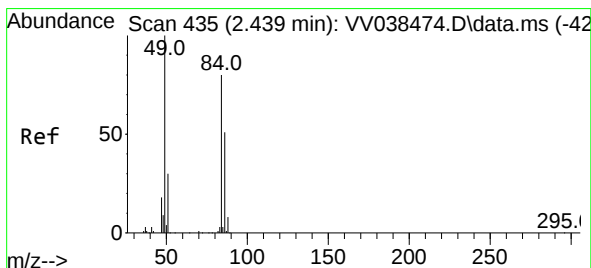
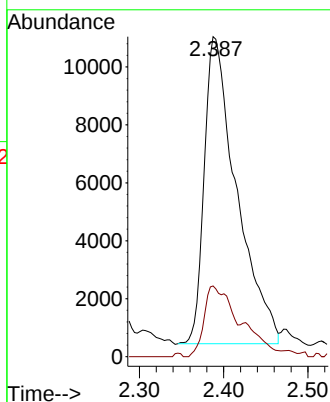
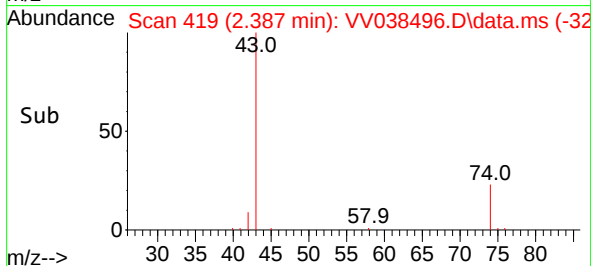


#15
Methyl Acetate
Concen: 4.598 ug/L
RT: 2.387 min Scan# 417
Delta R.T. 0.006 min
Lab File: VV038496.D
Acq: 22 Jan 2025 13:38

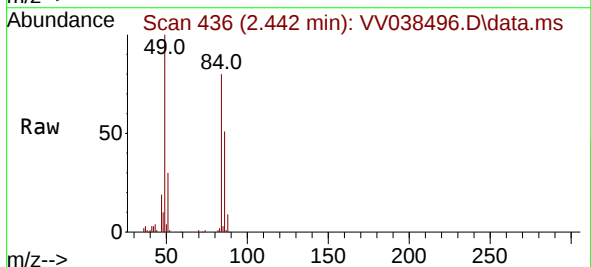
Instrument :
MSVOA_V
ClientSampleId :



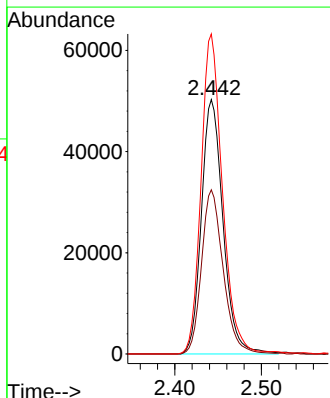
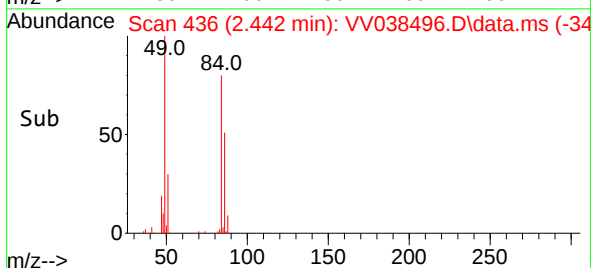
Tgt Ion: 43 Resp: 28330
Ion Ratio Lower Upper
43 100
74 19.4 20.4 30.6#

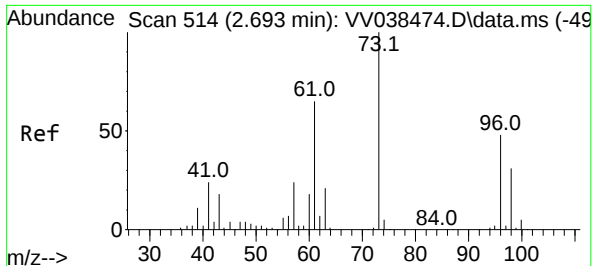


#16
Methylene chloride
Concen: 5.320 ug/L
RT: 2.442 min Scan# 436
Delta R.T. 0.003 min
Lab File: VV038496.D
Acq: 22 Jan 2025 13:38



Tgt Ion: 84 Resp: 87383
Ion Ratio Lower Upper
84 100
86 64.5 44.7 82.9
49 125.8 84.1 156.1





#17

Methyl tert-butyl Ether

Concen: 5.305 ug/L

RT: 2.696 min Scan# 514

Delta R.T. 0.003 min

Lab File: VV038496.D

Acq: 22 Jan 2025 13:38

Instrument :

MSVOA_V

ClientSampleId :

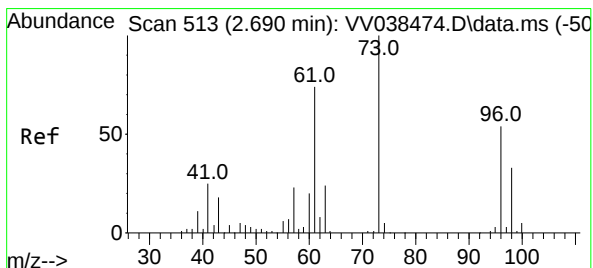
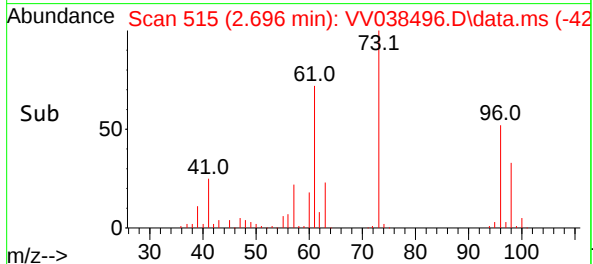
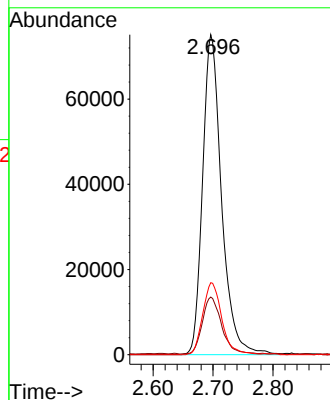
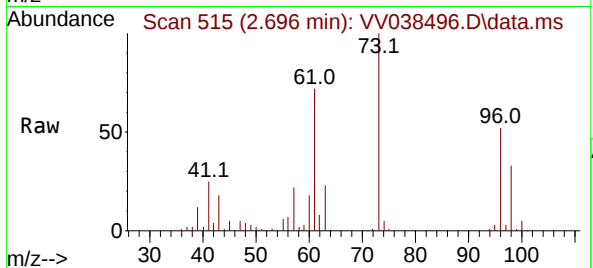
Tgt Ion: 73 Resp: 165415

Ion Ratio Lower Upper

73 100

43 18.0 14.6 21.8

57 22.6 17.9 26.9



#18

trans-1,2-Dichloroethene

Concen: 5.601 ug/L

RT: 2.690 min Scan# 513

Delta R.T. -0.000 min

Lab File: VV038496.D

Acq: 22 Jan 2025 13:38

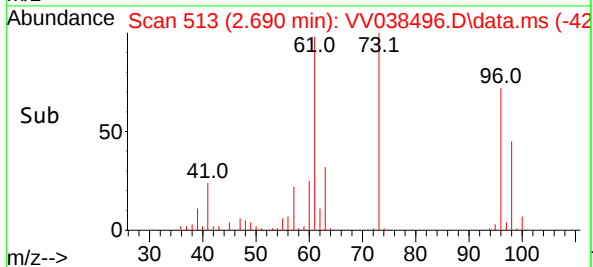
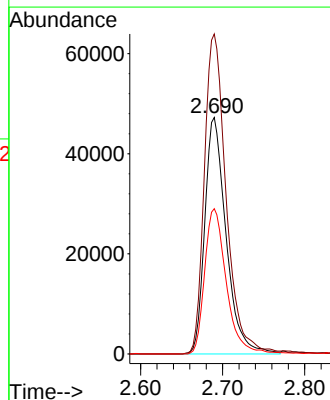
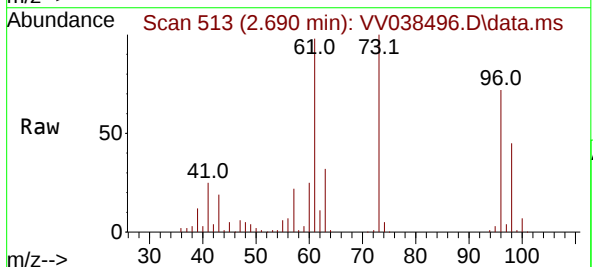
Tgt Ion: 96 Resp: 85334

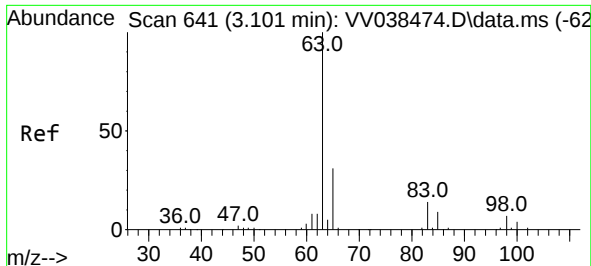
Ion Ratio Lower Upper

96 100

61 135.3 94.8 176.2

98 61.4 44.2 82.2





#19

1,1-Dichloroethane

Concen: 5.634 ug/L

RT: 3.104 min Scan# 641

Delta R.T. 0.003 min

Lab File: VV038496.D

Acq: 22 Jan 2025 13:38

Instrument :

MSVOA_V

ClientSampleId :

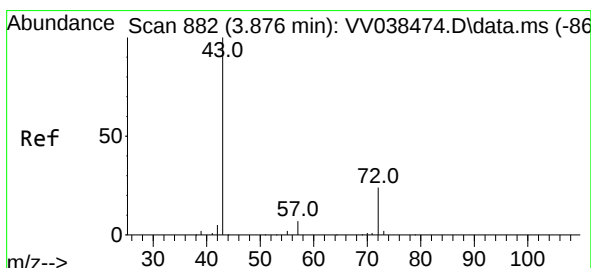
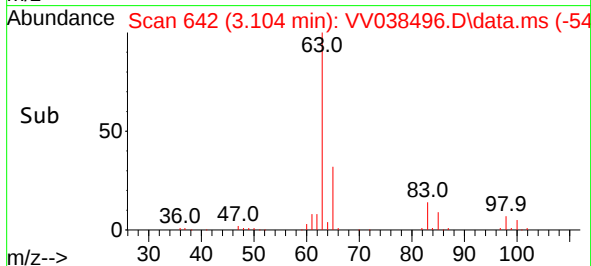
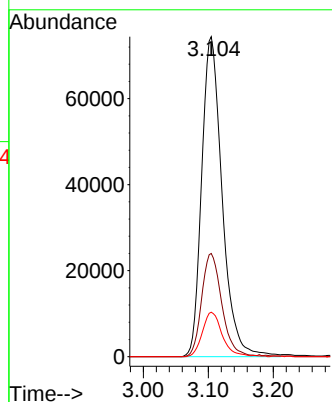
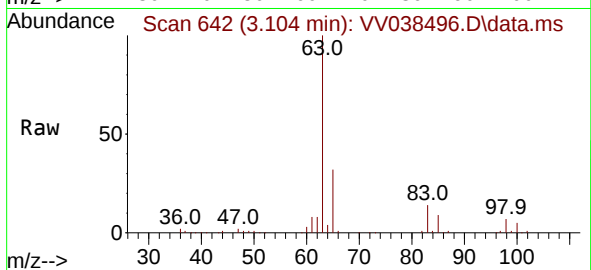
Tgt Ion: 63 Resp: 163355

Ion Ratio Lower Upper

63 100

65 32.2 22.5 41.9

83 13.9 9.4 17.6



#21

2-Butanone

Concen: 47.893 ug/L

RT: 3.899 min Scan# 889

Delta R.T. 0.022 min

Lab File: VV038496.D

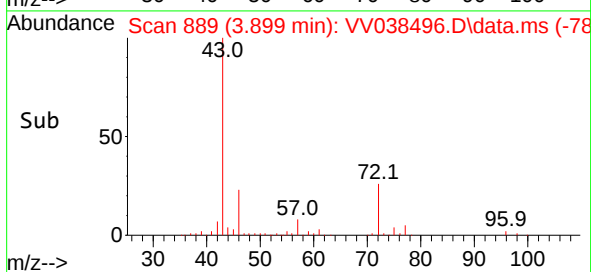
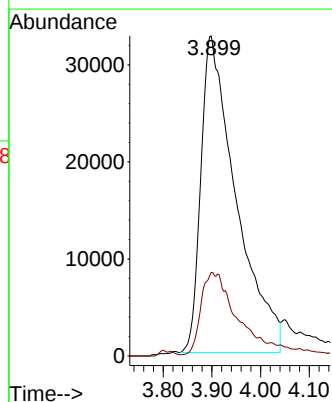
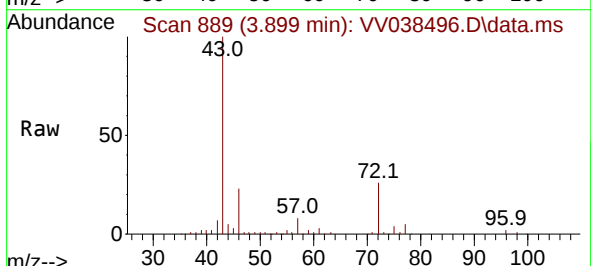
Acq: 22 Jan 2025 13:38

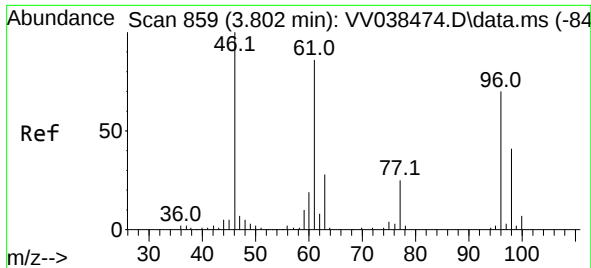
Tgt Ion: 43 Resp: 163844

Ion Ratio Lower Upper

43 100

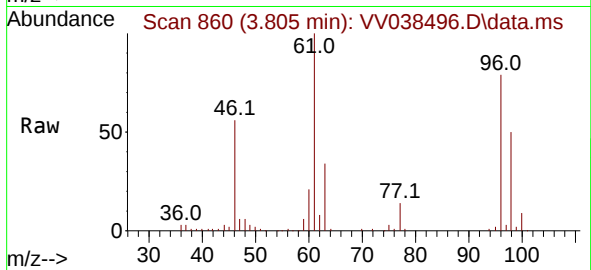
72 10.9 12.2 36.4#



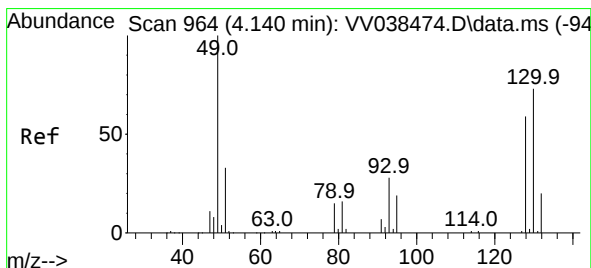
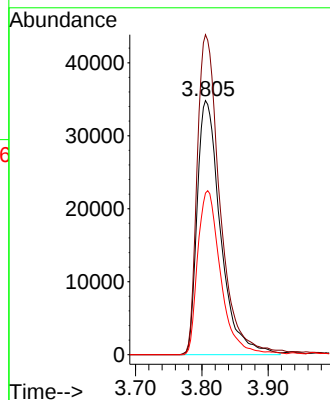
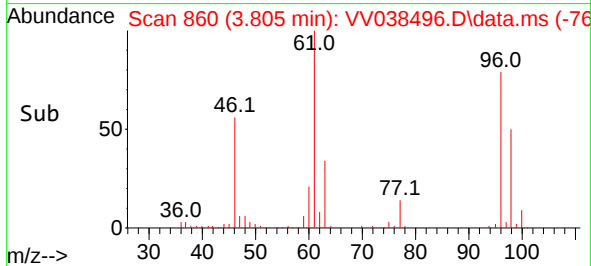


#22
 cis-1,2-Dichloroethene
 Concen: 5.485 ug/L
 RT: 3.805 min Scan# 859
 Delta R.T. 0.003 min
 Lab File: VV038496.D
 Acq: 22 Jan 2025 13:38

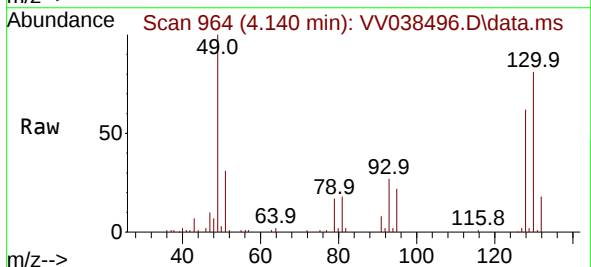
Instrument :
 MSVOA_V
 ClientSampleId :



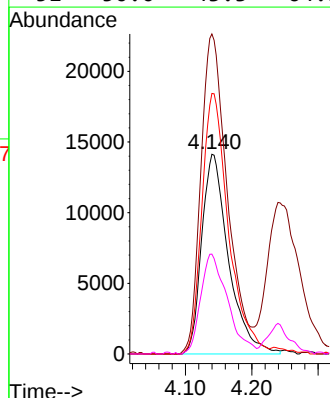
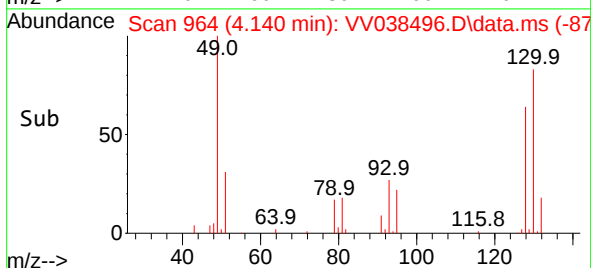
Tgt Ion: 96 Resp: 84967
 Ion Ratio Lower Upper
 96 100
 61 126.0 86.5 160.7
 98 63.6 43.8 81.3

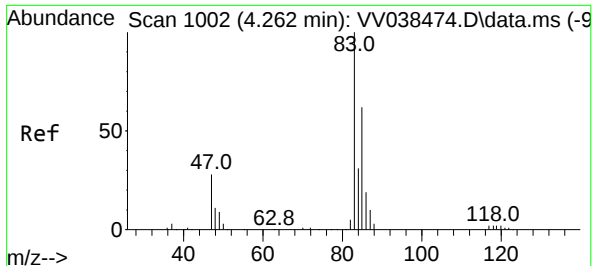


#23
 Bromochloromethane
 Concen: 5.626 ug/L
 RT: 4.140 min Scan# 964
 Delta R.T. -0.000 min
 Lab File: VV038496.D
 Acq: 22 Jan 2025 13:38



Tgt Ion: 128 Resp: 39649
 Ion Ratio Lower Upper
 128 100
 49 160.3 121.0 224.8
 130 130.5 90.1 167.3
 51 50.0 43.3 64.9





#25

Chloroform

Concen: 5.698 ug/L

RT: 4.265 min Scan# 1002

Delta R.T. 0.003 min

Lab File: VV038496.D

Acq: 22 Jan 2025 13:38

Instrument :

MSVOA_V

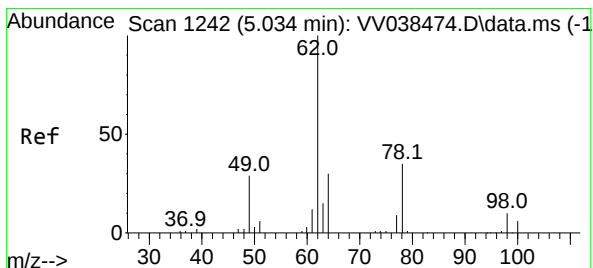
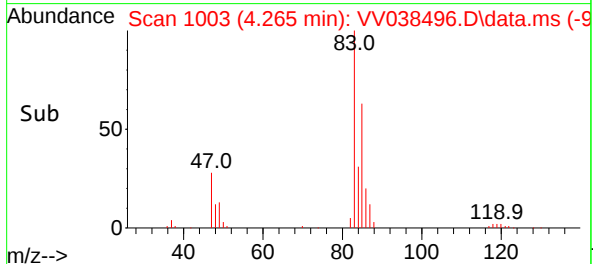
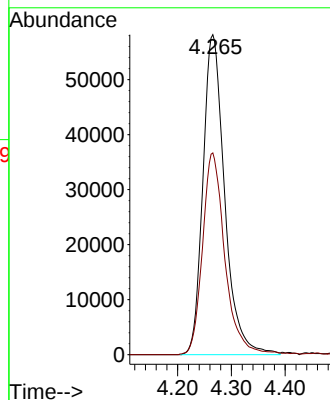
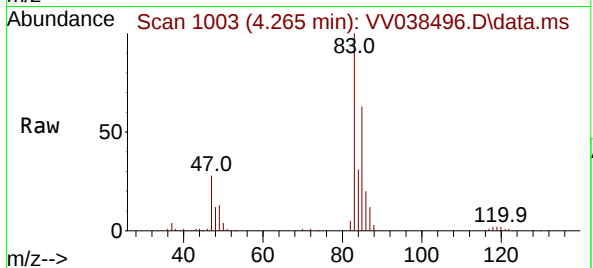
ClientSampleId :

Tgt Ion: 83 Resp: 163332

Ion Ratio Lower Upper

83 100

85 63.1 44.0 81.8



#27

1,2-Dichloroethane

Concen: 5.483 ug/L

RT: 5.034 min Scan# 1242

Delta R.T. -0.000 min

Lab File: VV038496.D

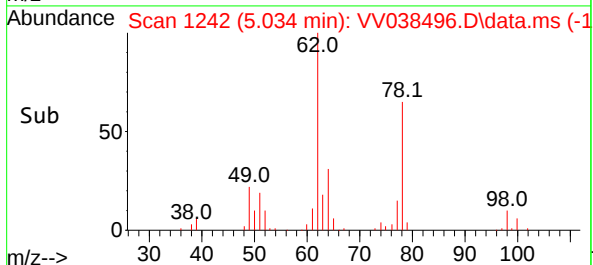
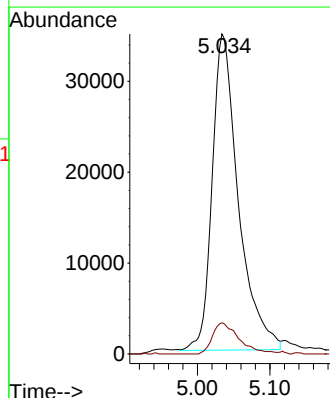
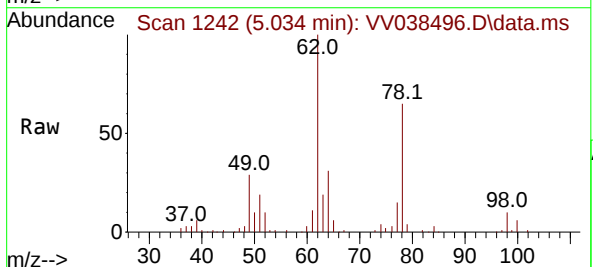
Acq: 22 Jan 2025 13:38

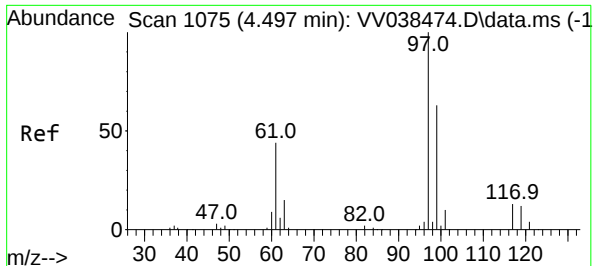
Tgt Ion: 62 Resp: 87398

Ion Ratio Lower Upper

62 100

98 9.8 7.8 11.6





#29

1,1,1-Trichloroethane

Concen: 5.829 ug/L

RT: 4.500 min Scan# 1075

Delta R.T. 0.003 min

Lab File: VV038496.D

Acq: 22 Jan 2025 13:38

Instrument :

MSVOA_V

ClientSampleId :

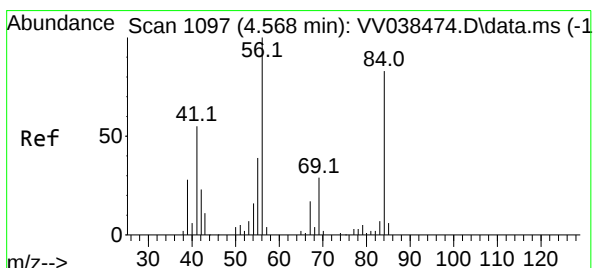
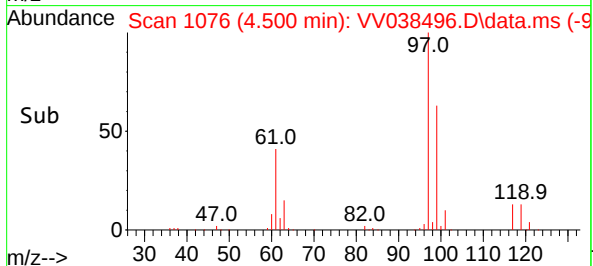
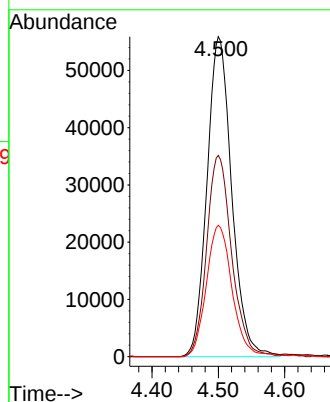
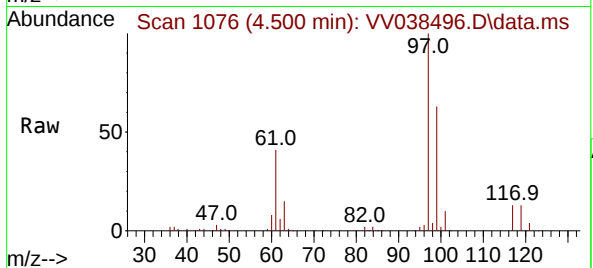
Tgt Ion: 97 Resp: 145002

Ion Ratio Lower Upper

97 100

99 63.8 52.9 79.3

61 42.6 36.4 54.6



#30

Cyclohexane

Concen: 5.580 ug/L

RT: 4.571 min Scan# 1098

Delta R.T. 0.003 min

Lab File: VV038496.D

Acq: 22 Jan 2025 13:38

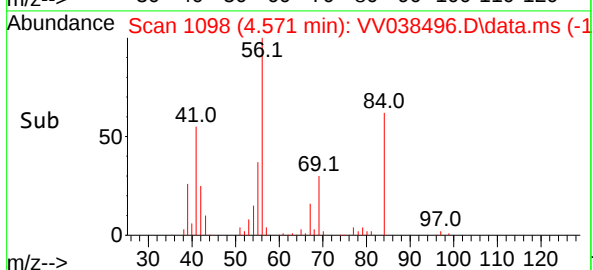
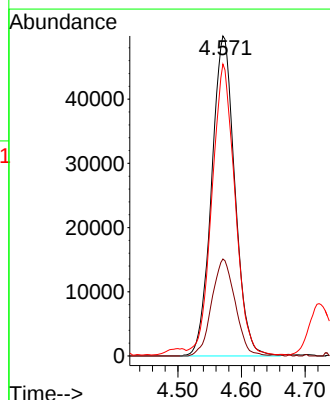
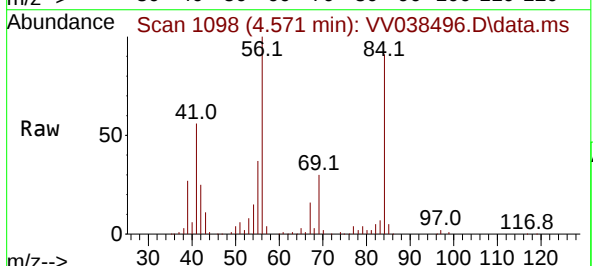
Tgt Ion: 56 Resp: 126420

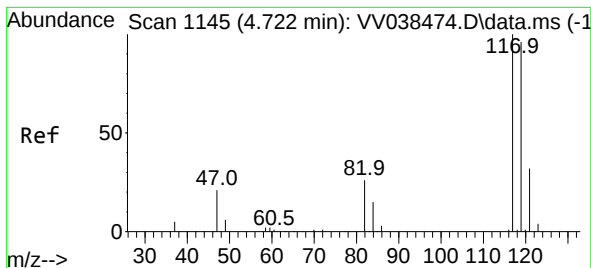
Ion Ratio Lower Upper

56 100

69 30.5 24.7 37.1

84 89.7 68.2 102.2





#31

Carbon tetrachloride

Concen: 5.929 ug/L

RT: 4.725 min Scan# 1146

Delta R.T. 0.003 min

Lab File: VV038496.D

Acq: 22 Jan 2025 13:38

Instrument :

MSVOA_V

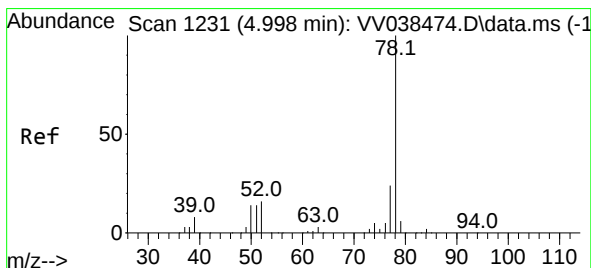
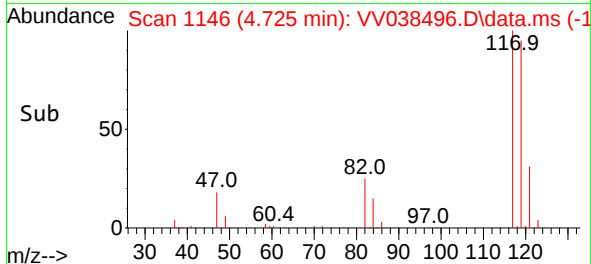
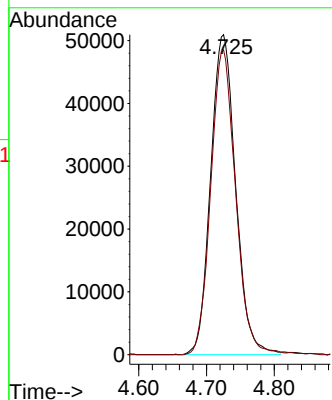
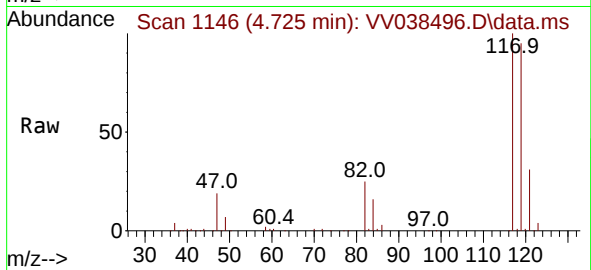
ClientSampleId :

Tgt Ion:117 Resp: 130361

Ion Ratio Lower Upper

117 100

119 94.5 76.6 115.0



#33

Benzene

Concen: 5.723 ug/L

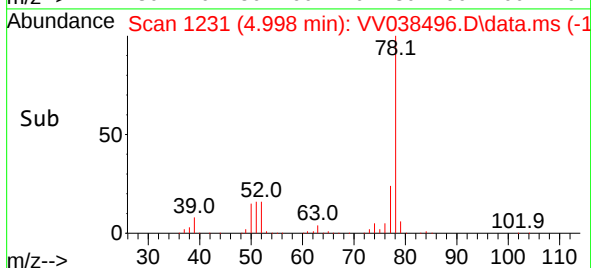
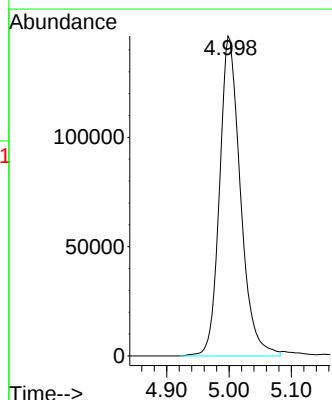
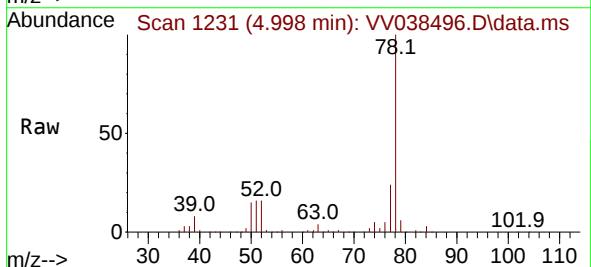
RT: 4.998 min Scan# 1231

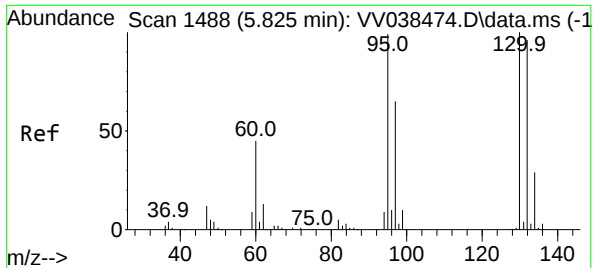
Delta R.T. -0.000 min

Lab File: VV038496.D

Acq: 22 Jan 2025 13:38

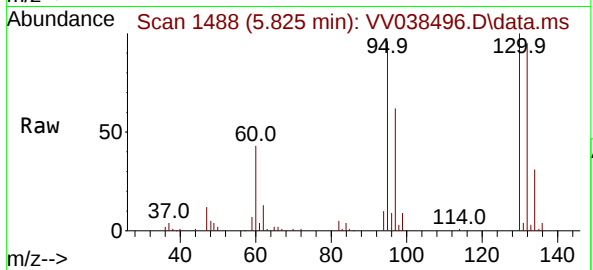
Tgt Ion: 78 Resp: 340037



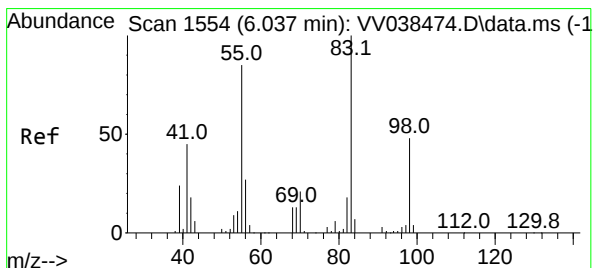
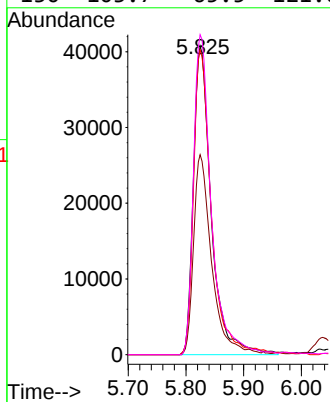
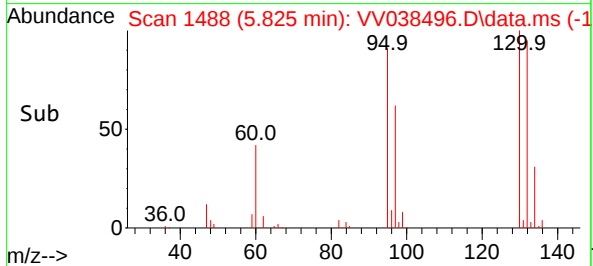


#34
Trichloroethene
Concen: 5.712 ug/L
RT: 5.825 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VV038496.D
Acq: 22 Jan 2025 13:38

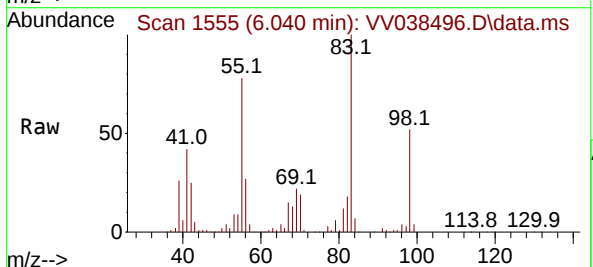
Instrument :
MSVOA_V
ClientSampleId :



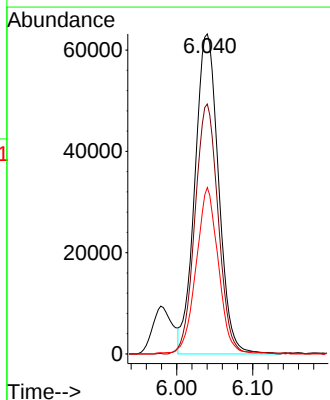
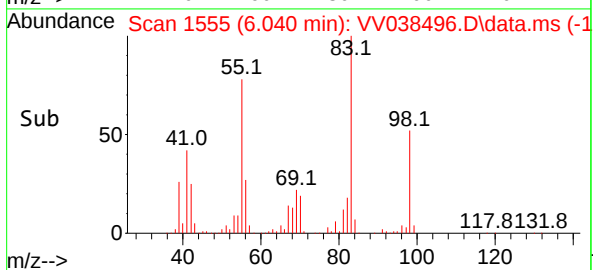
Tgt Ion: 95 Resp: 88193
Ion Ratio Lower Upper
95 100
97 64.8 43.4 80.6
132 98.8 65.5 121.6
130 103.7 65.5 121.6

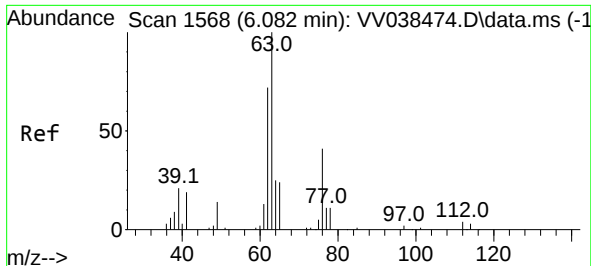


#35
Methylcyclohexane
Concen: 5.812 ug/L
RT: 6.040 min Scan# 1555
Delta R.T. 0.003 min
Lab File: VV038496.D
Acq: 22 Jan 2025 13:38



Tgt Ion: 83 Resp: 136785
Ion Ratio Lower Upper
83 100
55 76.3 59.4 89.0
98 47.6 37.8 56.8





#37

1,2-Dichloropropane

Concen: 5.763 ug/L

RT: 6.082 min Scan# 1568

Delta R.T. -0.000 min

Lab File: VV038496.D

Acq: 22 Jan 2025 13:38

Instrument :

MSVOA_V

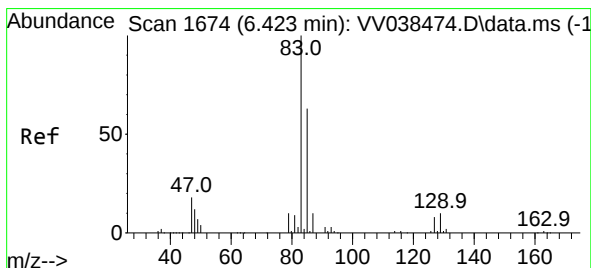
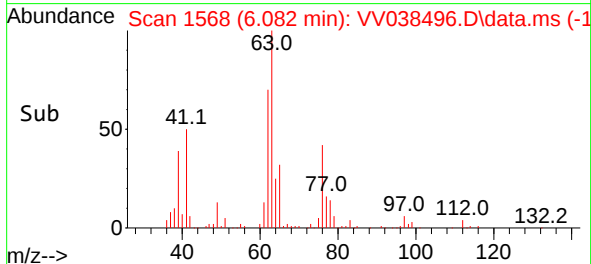
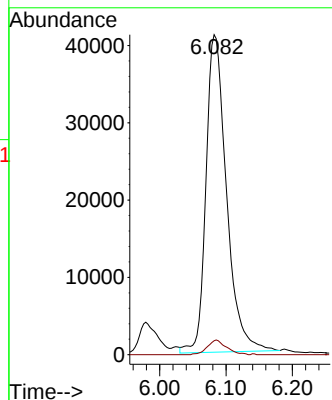
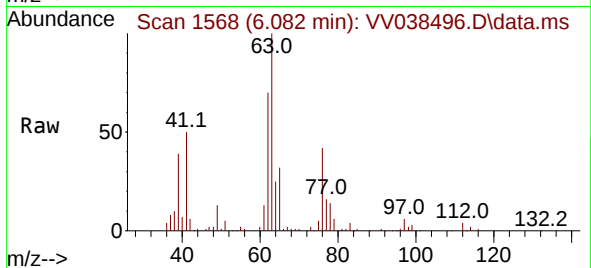
ClientSampleId :

Tgt Ion: 63 Resp: 88417

Ion Ratio Lower Upper

63 100

112 4.3 4.1 6.1



#38

Bromodichloromethane

Concen: 5.644 ug/L

RT: 6.423 min Scan# 1674

Delta R.T. -0.000 min

Lab File: VV038496.D

Acq: 22 Jan 2025 13:38

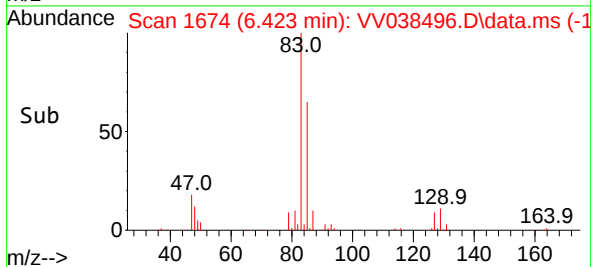
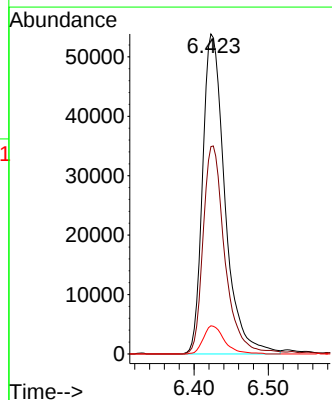
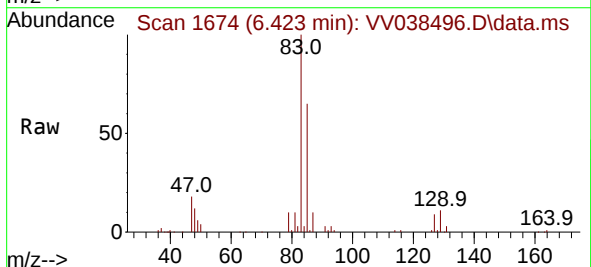
Tgt Ion: 83 Resp: 112324

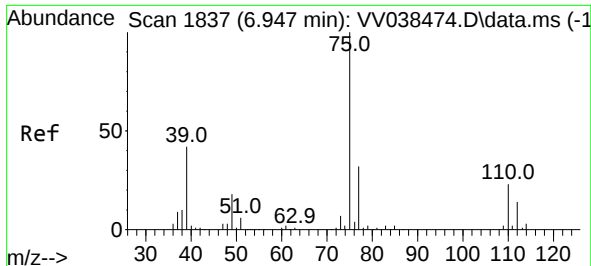
Ion Ratio Lower Upper

83 100

85 64.8 44.7 83.1

127 8.8 6.8 10.2





#39

cis-1,3-Dichloropropene

Concen: 5.349 ug/L

RT: 6.947 min Scan# 11

Delta R.T. -0.000 min

Lab File: VV038496.D

Acq: 22 Jan 2025 13:38

Instrument :

MSVOA_V

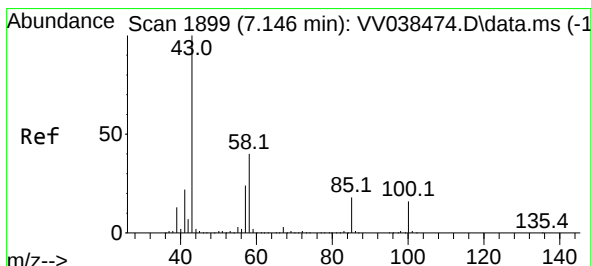
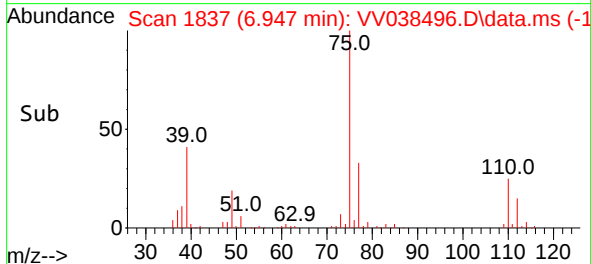
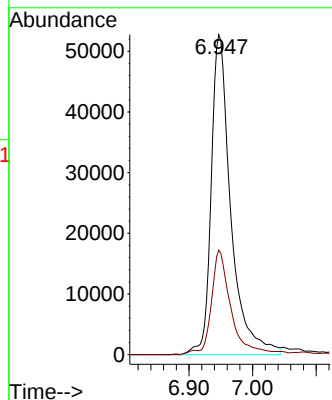
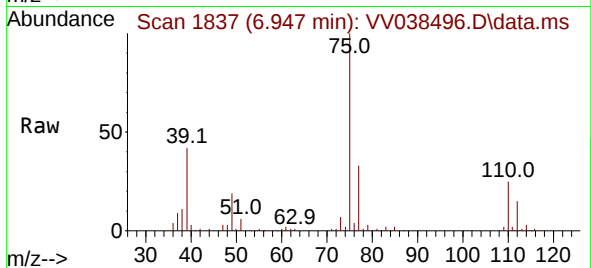
ClientSampleId :

Tgt Ion: 75 Resp: 113145

Ion Ratio Lower Upper

75 100

77 32.7 21.7 40.3



#40

4-Methyl-2-pentanone

Concen: 54.219 ug/L

RT: 7.149 min Scan# 1900

Delta R.T. 0.003 min

Lab File: VV038496.D

Acq: 22 Jan 2025 13:38

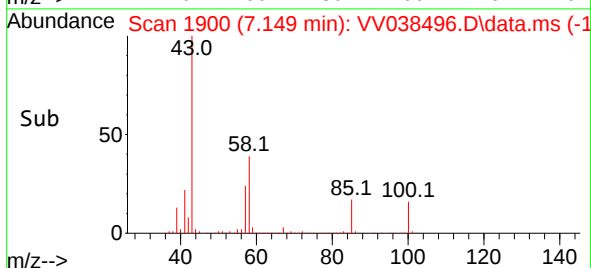
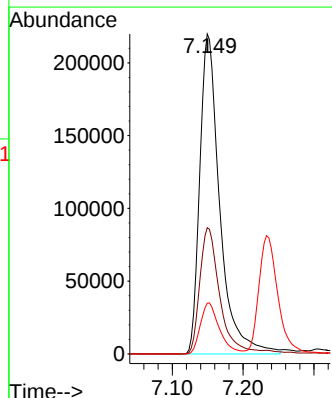
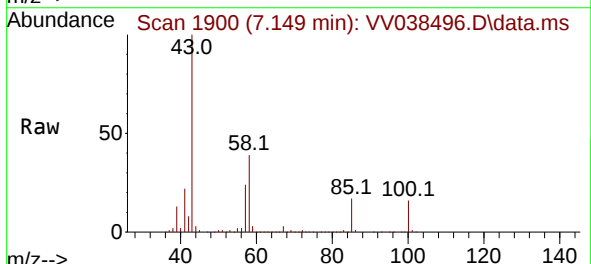
Tgt Ion: 43 Resp: 430447

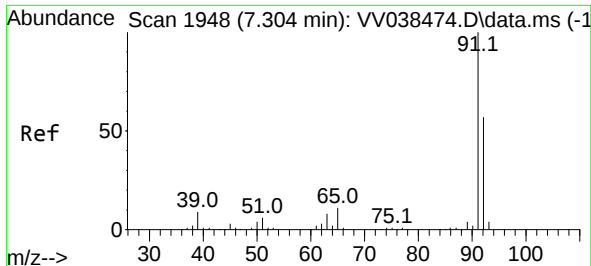
Ion Ratio Lower Upper

43 100

58 39.1 31.7 47.5

100 15.3 12.4 18.6





#42

Toluene

Concen: 6.017 ug/L

RT: 7.307 min Scan# 1948

Delta R.T. 0.003 min

Lab File: VV038496.D

Acq: 22 Jan 2025 13:38

Instrument :

MSVOA_V

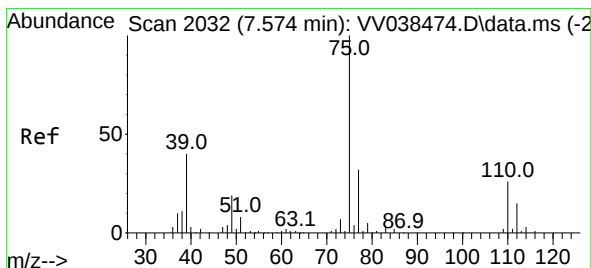
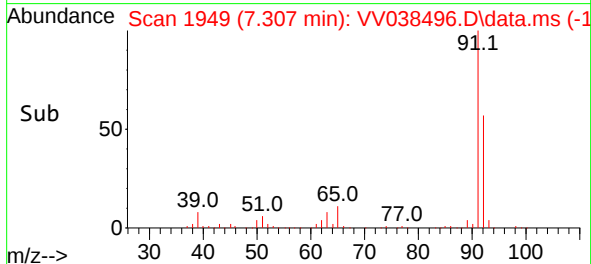
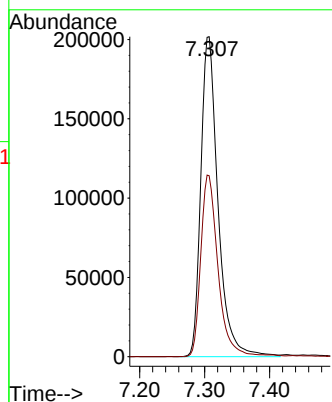
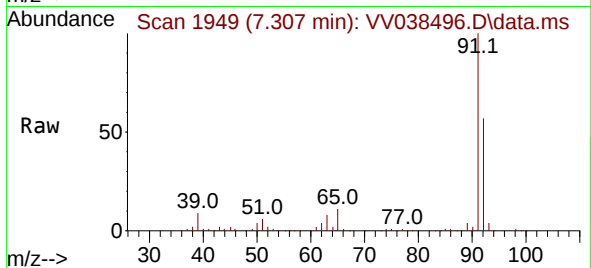
ClientSampleId :

Tgt Ion: 91 Resp: 372561

Ion Ratio Lower Upper

91 100

92 56.6 40.6 75.4



#44

trans-1,3-Dichloropropene

Concen: 5.447 ug/L

RT: 7.574 min Scan# 2032

Delta R.T. -0.000 min

Lab File: VV038496.D

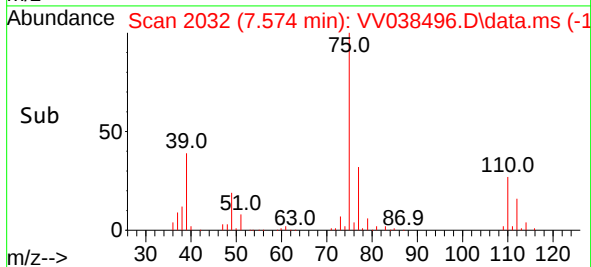
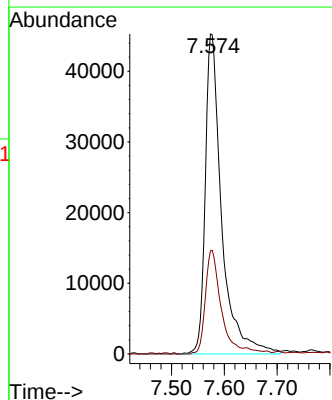
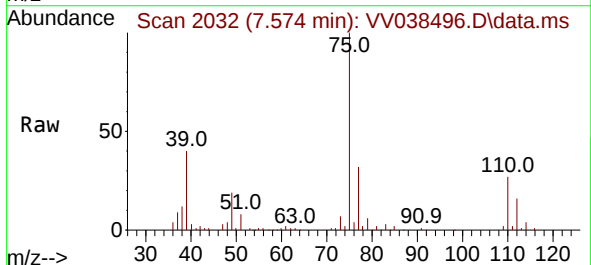
Acq: 22 Jan 2025 13:38

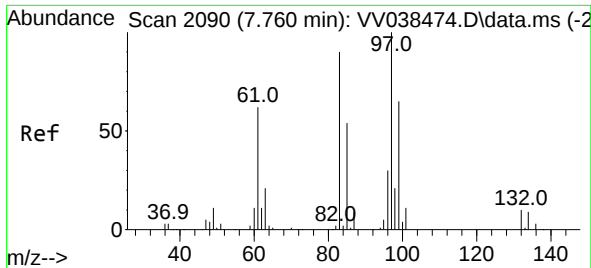
Tgt Ion: 75 Resp: 97624

Ion Ratio Lower Upper

75 100

77 32.2 22.8 42.4

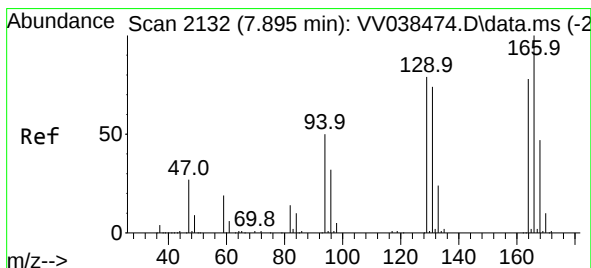
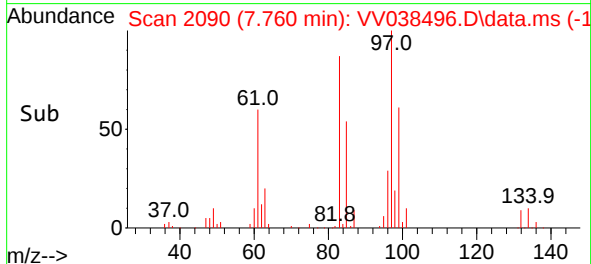
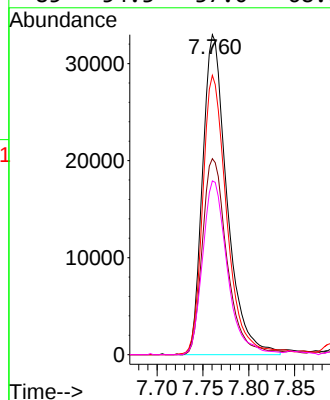
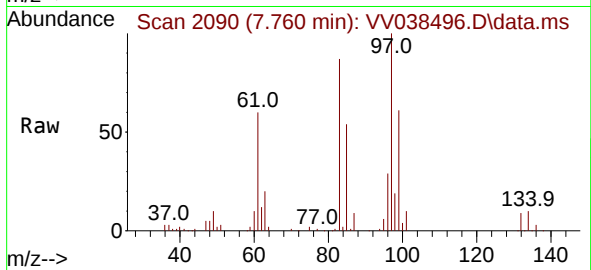




#45
1,1,2-Trichloroethane
Concen: 5.540 ug/L
RT: 7.760 min Scan# 2090
Delta R.T. -0.000 min
Lab File: VV038496.D
Acq: 22 Jan 2025 13:38

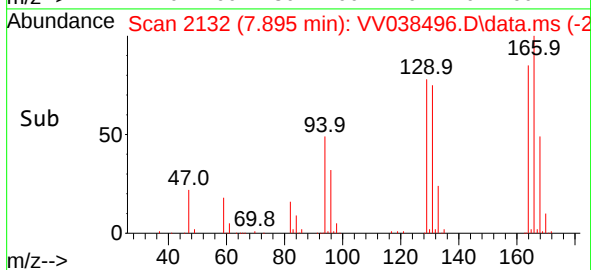
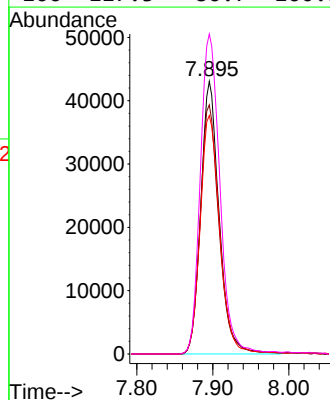
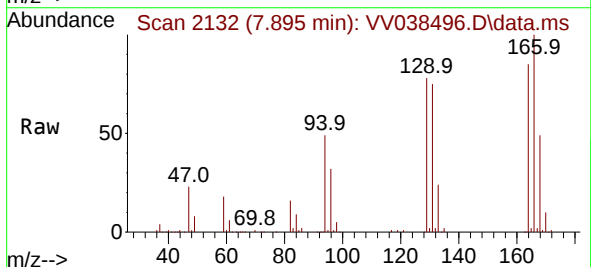
Instrument :
MSVOA_V
ClientSampleId :

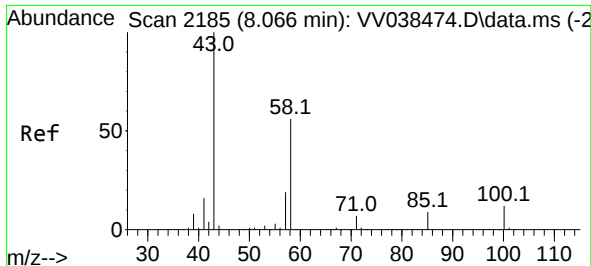
Tgt Ion: 97	Resp: 61143
Ion Ratio	Lower Upper
97 100	
99 61.3	42.3 78.5
83 87.3	59.4 110.4
85 54.3	37.0 68.6



#47
Tetrachloroethene
Concen: 6.058 ug/L
RT: 7.895 min Scan# 2132
Delta R.T. -0.000 min
Lab File: VV038496.D
Acq: 22 Jan 2025 13:38

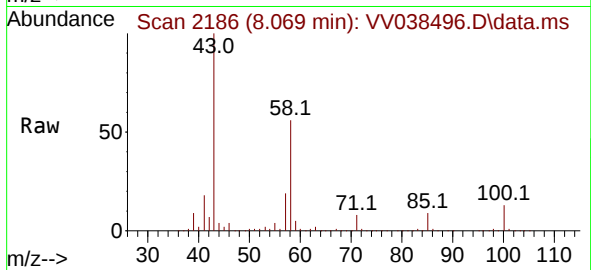
Tgt	Ion:164	Resp:	72397
Ion	Ratio	Lower	Upper
164	100		
129	91.4	68.9	127.9
131	87.4	65.2	121.2
166	117.3	86.7	160.9



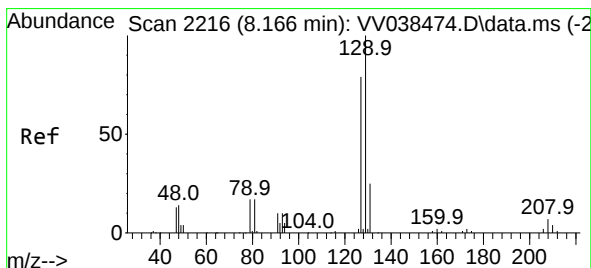
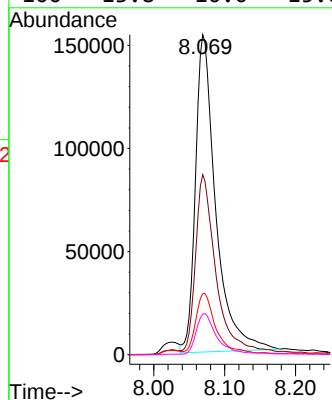
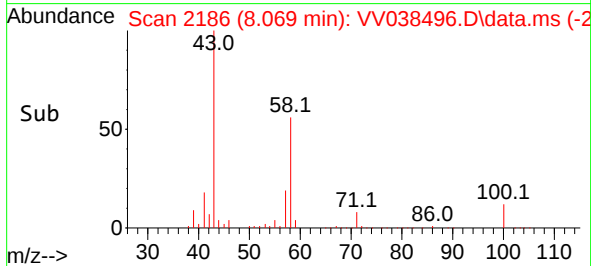


#48
2-Hexanone
Concen: 53.193 ug/L
RT: 8.069 min Scan# 2185
Delta R.T. 0.003 min
Lab File: VV038496.D
Acq: 22 Jan 2025 13:38

Instrument :
MSVOA_V
ClientSampleId :

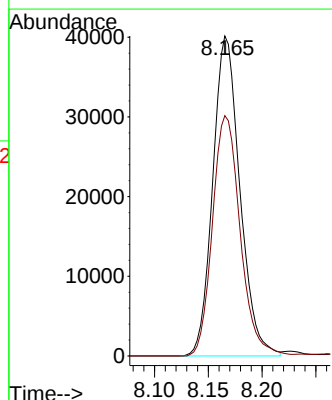
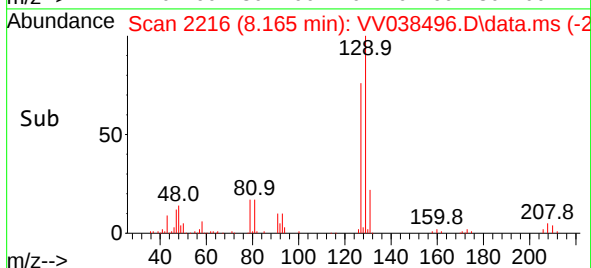
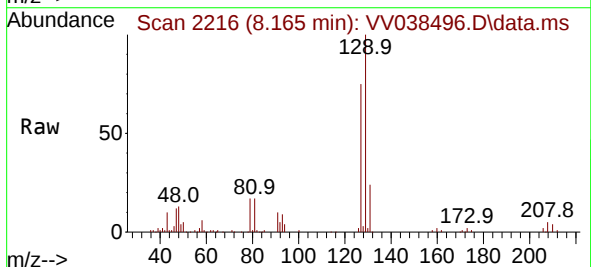


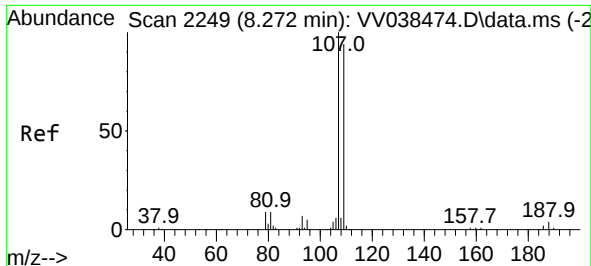
Tgt Ion: 43 Resp: 305766
Ion Ratio Lower Upper
43 100
58 55.8 43.6 65.4
57 18.4 15.0 22.4
100 13.8 10.0 15.0



#49
Dibromochloromethane
Concen: 5.546 ug/L
RT: 8.165 min Scan# 2216
Delta R.T. -0.000 min
Lab File: VV038496.D
Acq: 22 Jan 2025 13:38

Tgt Ion: 129 Resp: 70467
Ion Ratio Lower Upper
129 100
127 75.1 52.8 98.2





#50

1,2-Dibromoethane

Concen: 5.456 ug/L

RT: 8.275 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV038496.D

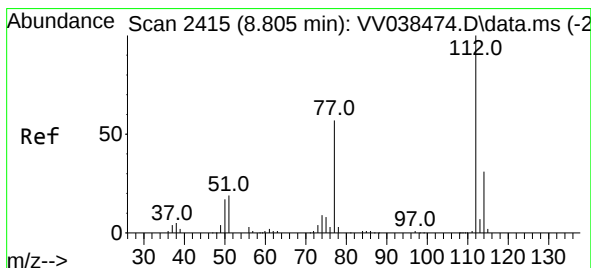
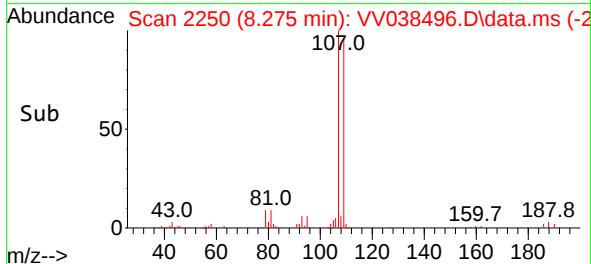
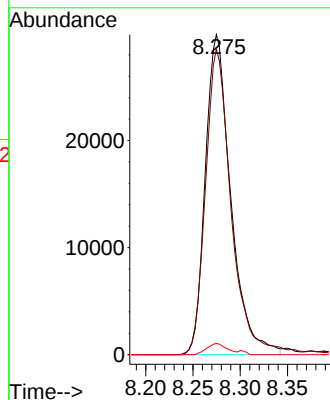
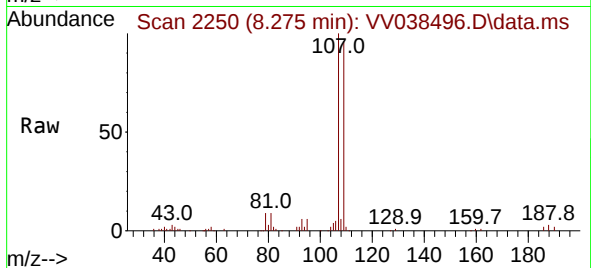
Acq: 22 Jan 2025 13:38

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	107	Resp:	56028
Ion	Ratio	Lower	Upper
107	100		
109	95.6	65.9	122.3
188	3.5	2.8	4.2



#51

Chlorobenzene

Concen: 5.579 ug/L

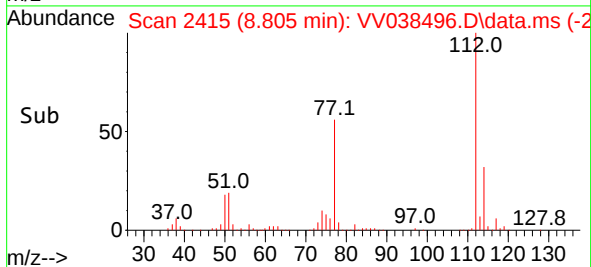
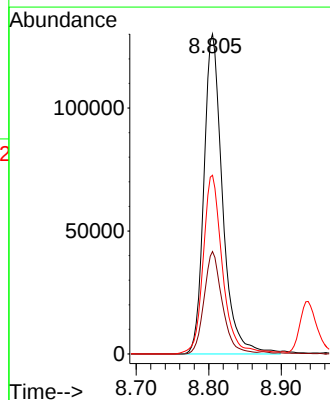
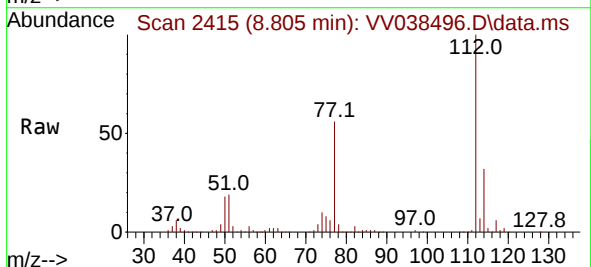
RT: 8.805 min Scan# 2415

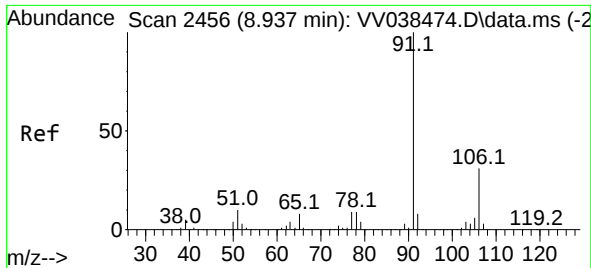
Delta R.T. -0.000 min

Lab File: VV038496.D

Acq: 22 Jan 2025 13:38

Tgt Ion:	112	Resp:	232477
Ion	Ratio	Lower	Upper
112	100		
114	32.0	22.9	42.5
77	55.9	46.1	69.1

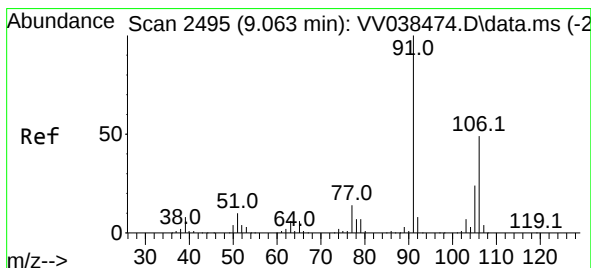
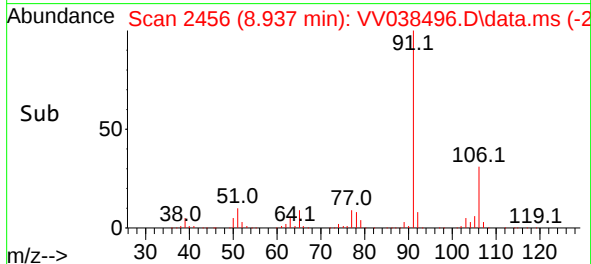
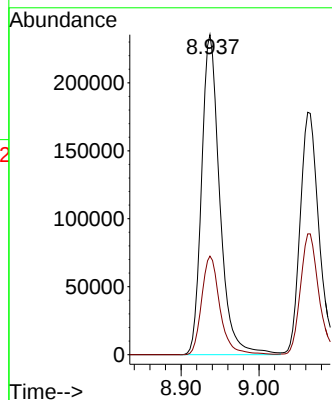
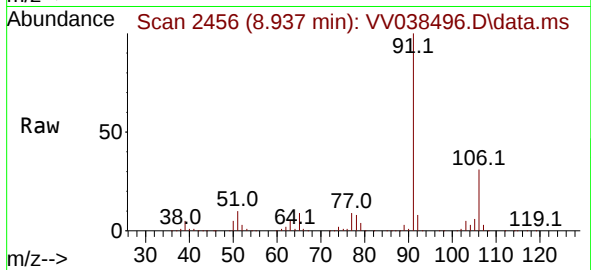




#52
Ethylbenzene
Concen: 5.714 ug/L
RT: 8.937 min Scan# 2456
Delta R.T. -0.000 min
Lab File: VV038496.D
Acq: 22 Jan 2025 13:38

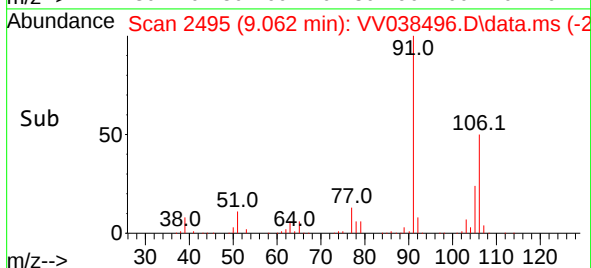
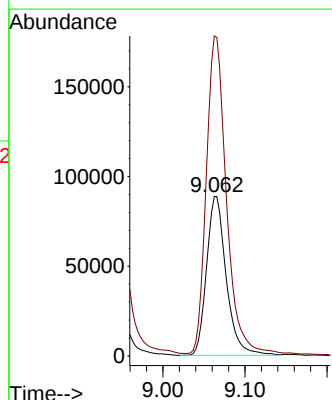
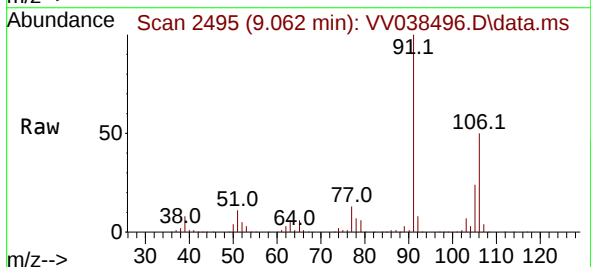
Instrument :
MSVOA_V
ClientSampleId :

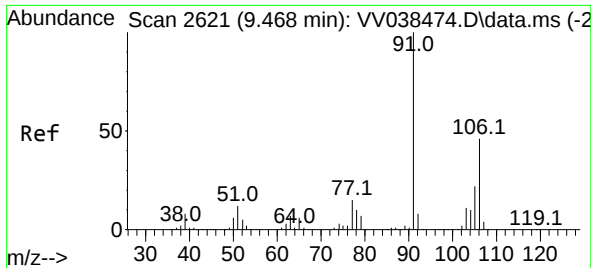
Tgt Ion: 91 Resp: 380596
Ion Ratio Lower Upper
91 100
106 30.8 22.0 40.8



#53
m,p-Xylene
Concen: 5.842 ug/L
RT: 9.062 min Scan# 2495
Delta R.T. -0.000 min
Lab File: VV038496.D
Acq: 22 Jan 2025 13:38

Tgt Ion: 106 Resp: 147508
Ion Ratio Lower Upper
106 100
91 200.7 148.2 275.2

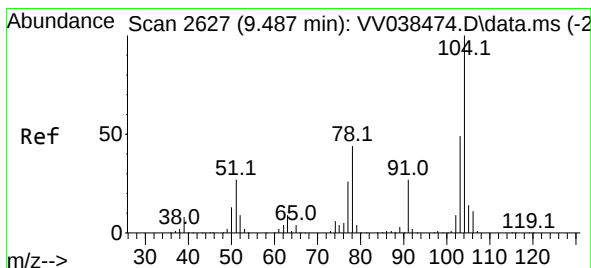
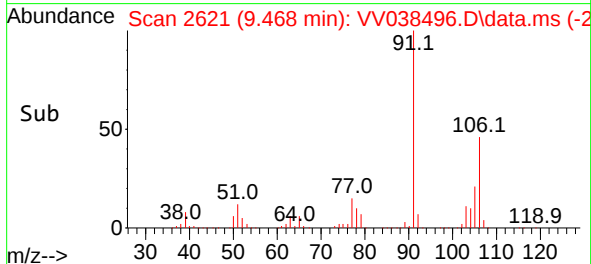
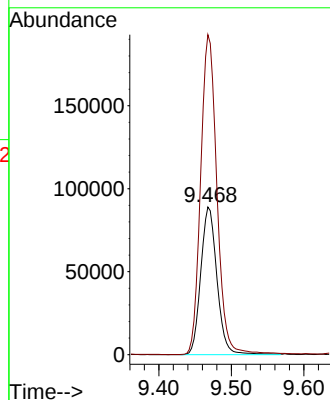
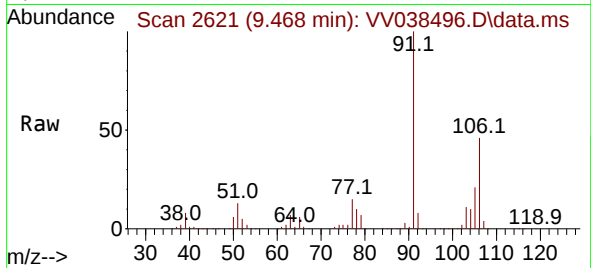




#54
o-Xylene
Concen: 5.743 ug/L
RT: 9.468 min Scan# 2621
Delta R.T. -0.000 min
Lab File: VV038496.D
Acq: 22 Jan 2025 13:38

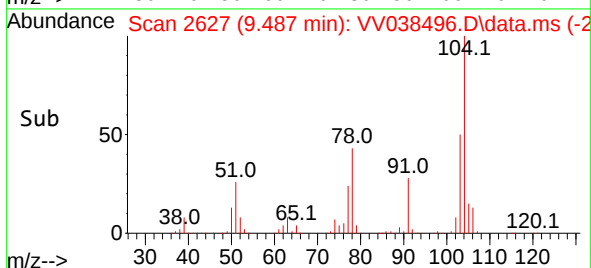
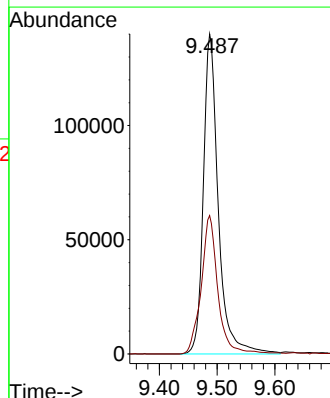
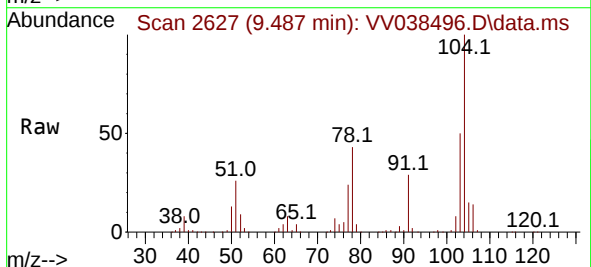
Instrument :
MSVOA_V
ClientSampleId :

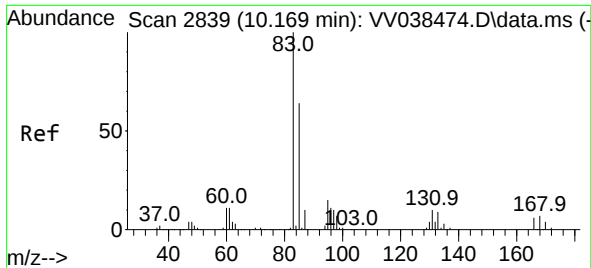
Tgt Ion:106 Resp: 138186
Ion Ratio Lower Upper
106 100
91 216.8 151.4 281.2



#55
Styrene
Concen: 5.987 ug/L
RT: 9.487 min Scan# 2627
Delta R.T. -0.000 min
Lab File: VV038496.D
Acq: 22 Jan 2025 13:38

Tgt Ion:104 Resp: 251174
Ion Ratio Lower Upper
104 100
78 43.2 30.8 57.2

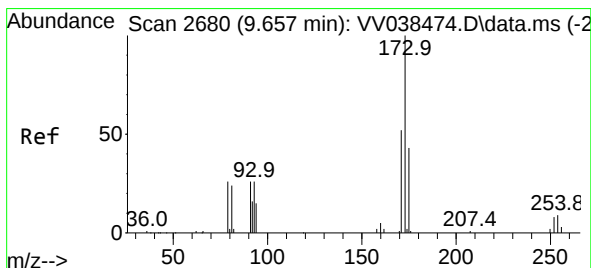
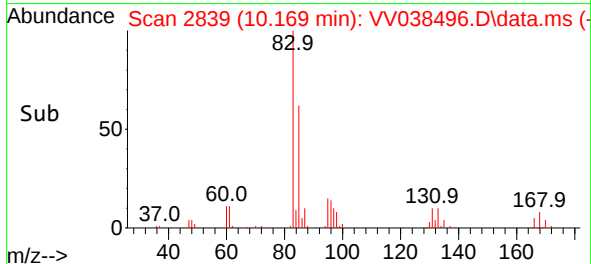
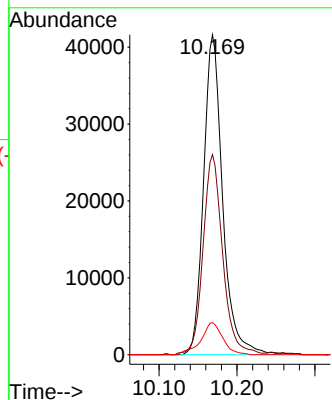
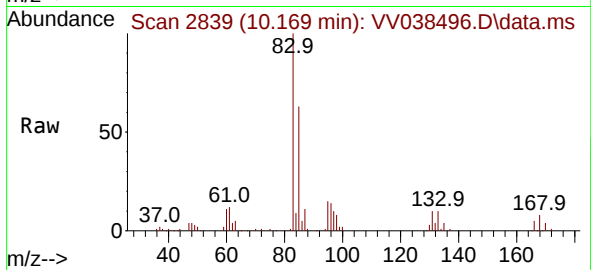




#57
 1,1,2,2-Tetrachloroethane
 Concen: 5.270 ug/L
 RT: 10.169 min Scan# 2839
 Delta R.T. -0.000 min
 Lab File: VV038496.D
 Acq: 22 Jan 2025 13:38

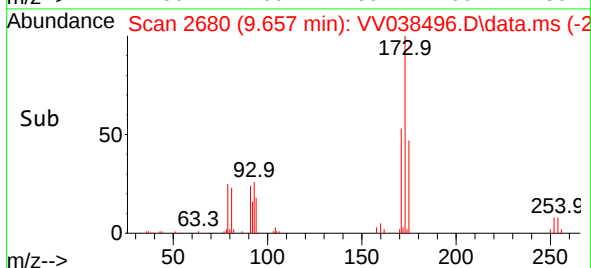
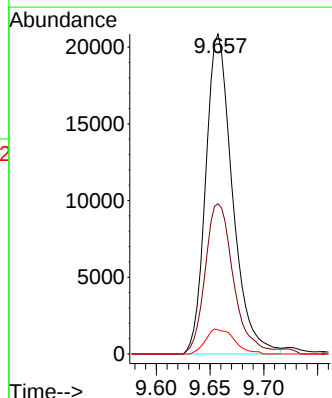
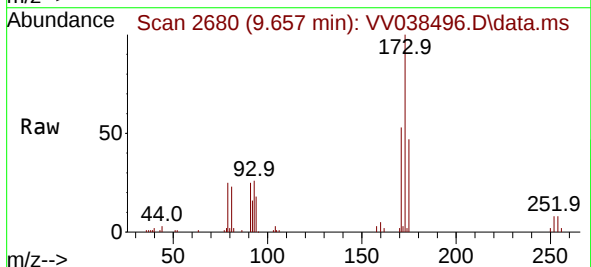
Instrument :
 MSVOA_V
 ClientSampleId :

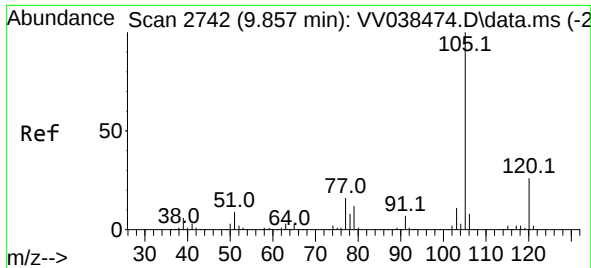
Tgt Ion: 83 Resp: 70822
 Ion Ratio Lower Upper
 83 100
 85 62.5 45.1 83.7
 131 10.0 7.5 11.3



#59
 Bromoform
 Concen: 4.917 ug/L
 RT: 9.657 min Scan# 2680
 Delta R.T. -0.000 min
 Lab File: VV038496.D
 Acq: 22 Jan 2025 13:38

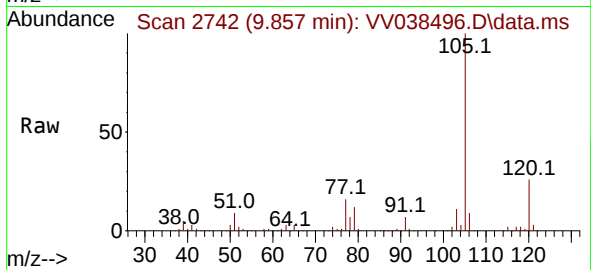
Tgt Ion: 173 Resp: 36098
 Ion Ratio Lower Upper
 173 100
 175 49.6 37.6 56.4
 254 8.4 5.6 8.4



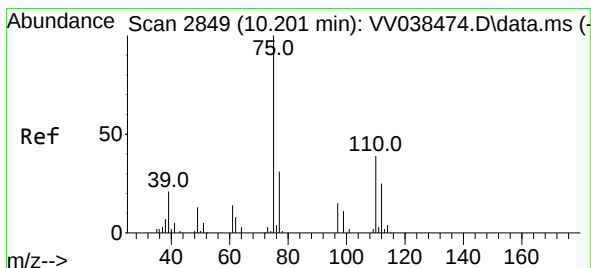
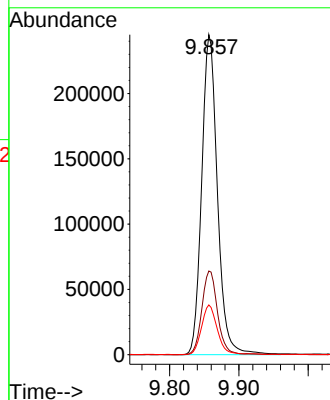
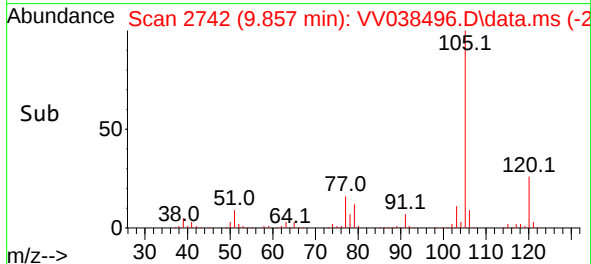


#60
Isopropylbenzene
Concen: 5.462 ug/L
RT: 9.857 min Scan# 2742
Delta R.T. -0.000 min
Lab File: VV038496.D
Acq: 22 Jan 2025 13:38

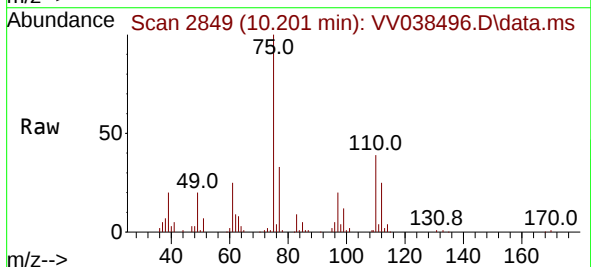
Instrument :
MSVOA_V
ClientSampleId :



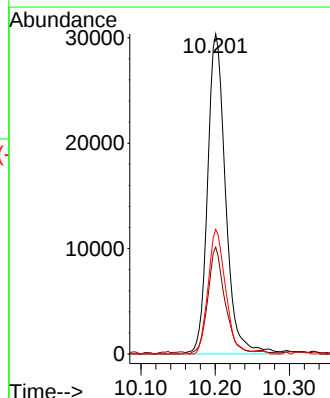
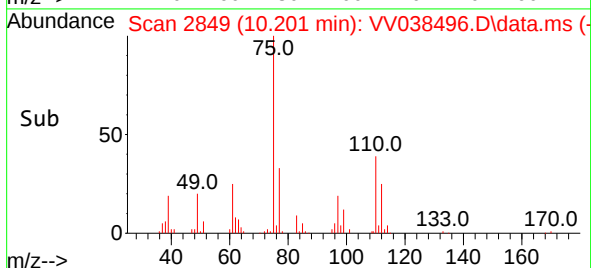
Tgt Ion:105 Resp: 386907
Ion Ratio Lower Upper
105 100
120 25.8 21.4 32.2
77 15.6 12.7 19.1

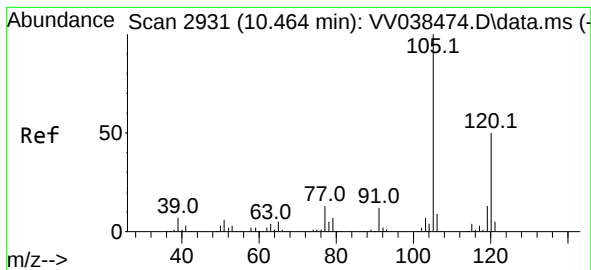


#61
1,2,3-Trichloropropane
Concen: 5.046 ug/L
RT: 10.201 min Scan# 2849
Delta R.T. -0.000 min
Lab File: VV038496.D
Acq: 22 Jan 2025 13:38



Tgt Ion: 75 Resp: 51046
Ion Ratio Lower Upper
75 100
77 31.9 25.4 38.0
110 37.8 32.6 48.8





#62

1,3,5-Trimethylbenzene

Concen: 5.253 ug/L

RT: 10.468 min Scan# 2931

Delta R.T. 0.003 min

Lab File: VV038496.D

Acq: 22 Jan 2025 13:38

Instrument :

MSVOA_V

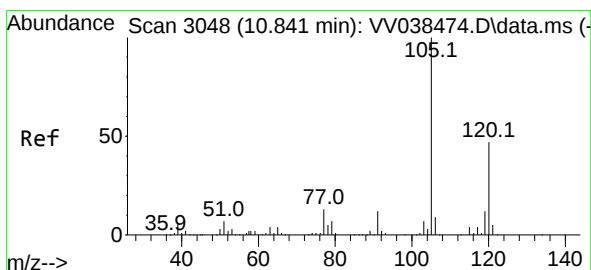
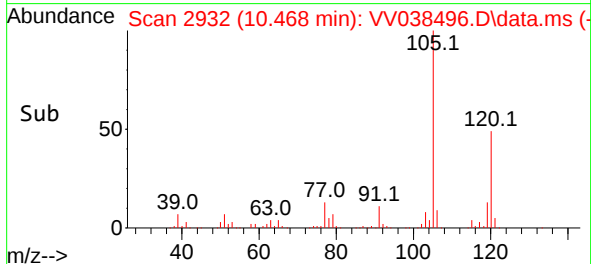
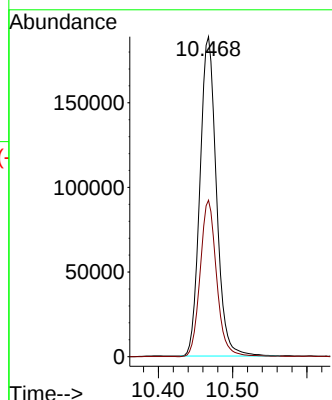
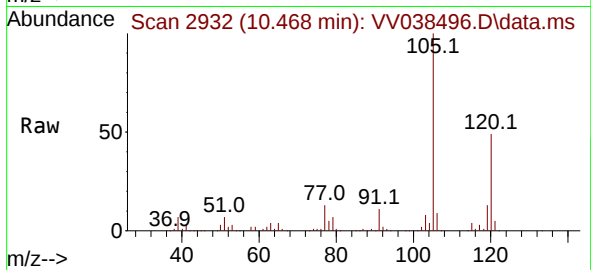
ClientSampleId :

Tgt Ion:105 Resp: 291429

Ion Ratio Lower Upper

105 100

120 49.0 39.4 59.0



#63

1,2,4-Trimethylbenzene

Concen: 5.357 ug/L

RT: 10.841 min Scan# 3048

Delta R.T. -0.000 min

Lab File: VV038496.D

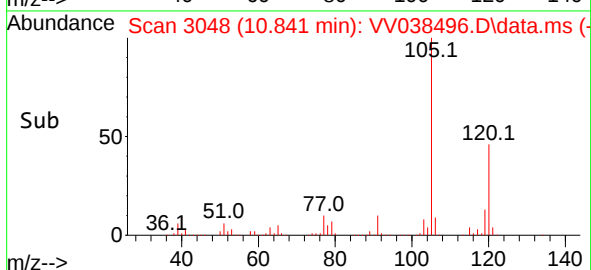
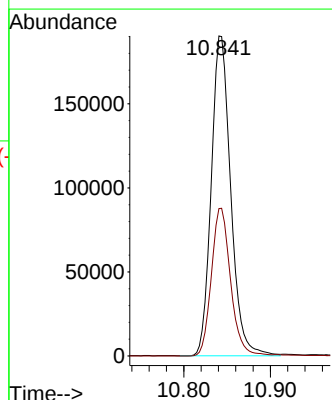
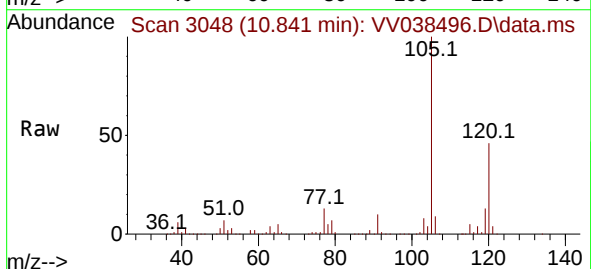
Acq: 22 Jan 2025 13:38

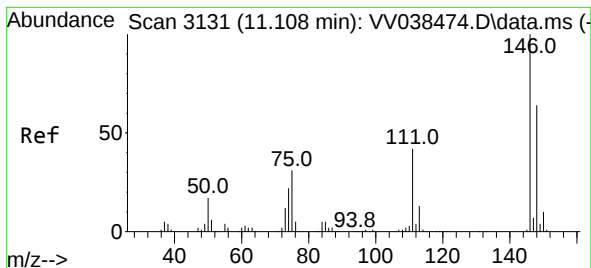
Tgt Ion:105 Resp: 296843

Ion Ratio Lower Upper

105 100

120 46.0 35.8 53.8





#64

1,3-Dichlorobenzene

Concen: 5.597 ug/L

RT: 11.107 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV038496.D

Acq: 22 Jan 2025 13:38

Instrument :

MSVOA_V

ClientSampleId :

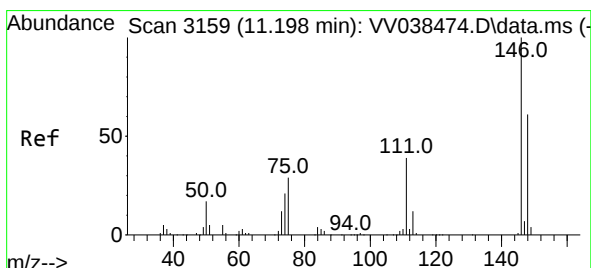
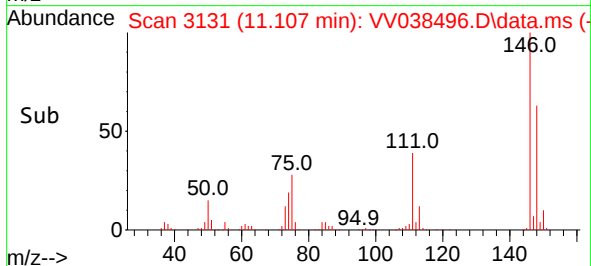
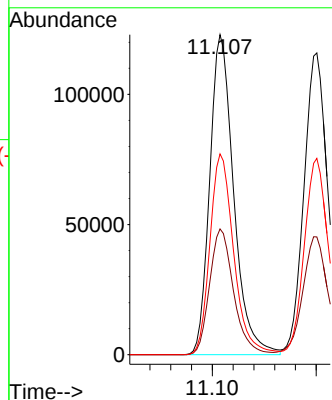
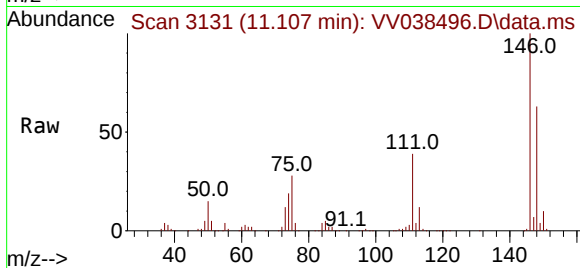
Tgt Ion:146 Resp: 196698

Ion Ratio Lower Upper

146 100

111 39.3 27.9 51.9

148 62.8 44.7 83.1



#65

1,4-Dichlorobenzene

Concen: 5.342 ug/L

RT: 11.201 min Scan# 3160

Delta R.T. 0.003 min

Lab File: VV038496.D

Acq: 22 Jan 2025 13:38

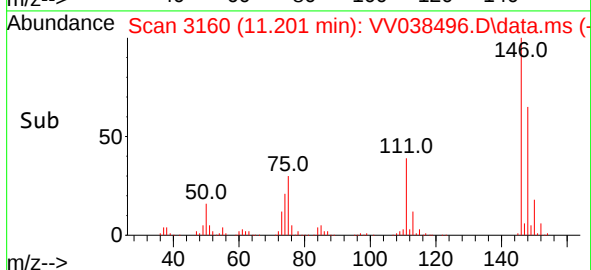
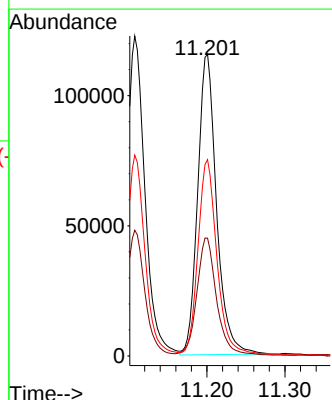
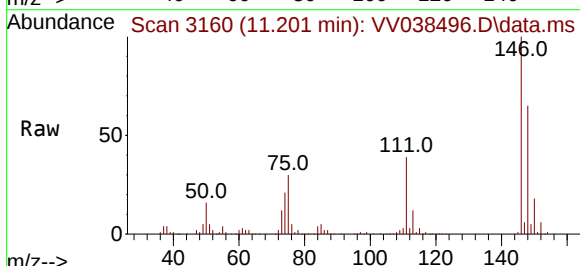
Tgt Ion:146 Resp: 194099

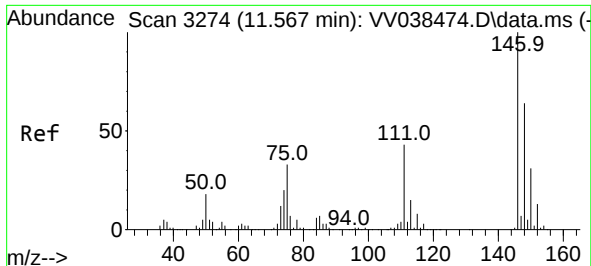
Ion Ratio Lower Upper

146 100

111 39.1 28.1 52.3

148 65.1 44.7 83.1





#67

1,2-Dichlorobenzene

Concen: 5.328 ug/L

RT: 11.570 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV038496.D

Acq: 22 Jan 2025 13:38

Instrument :

MSVOA_V

ClientSampleId :

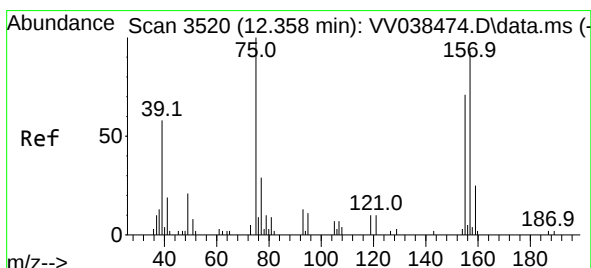
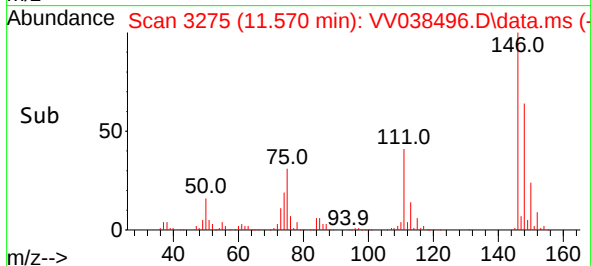
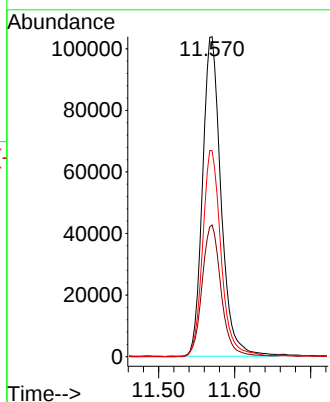
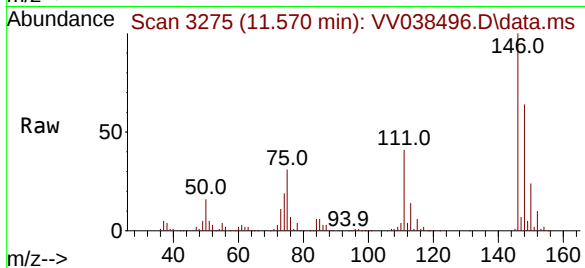
Tgt Ion:146 Resp: 175334

Ion Ratio Lower Upper

146 100

111 41.1 33.4 50.0

148 64.4 49.9 74.9



#68

1,2-Dibromo-3-chloropropane

Concen: 4.452 ug/L

RT: 12.358 min Scan# 3520

Delta R.T. -0.000 min

Lab File: VV038496.D

Acq: 22 Jan 2025 13:38

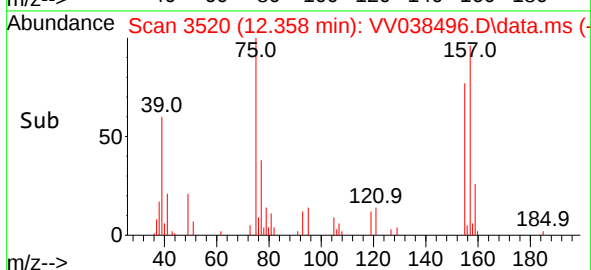
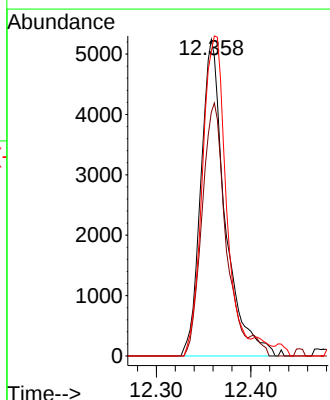
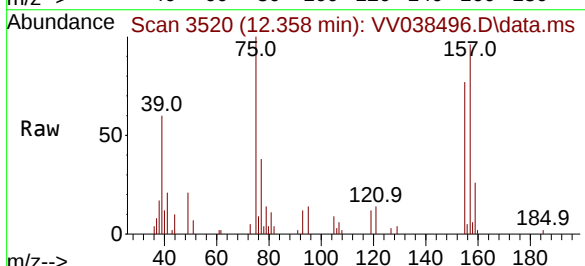
Tgt Ion: 75 Resp: 9307

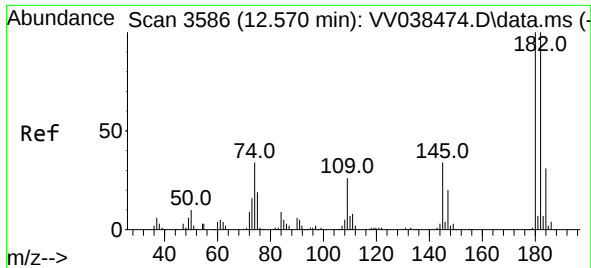
Ion Ratio Lower Upper

75 100

155 77.0 56.7 85.1

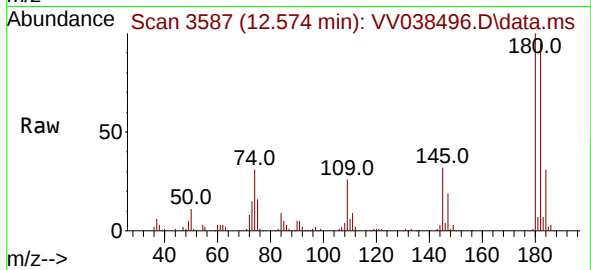
157 96.3 74.4 111.6



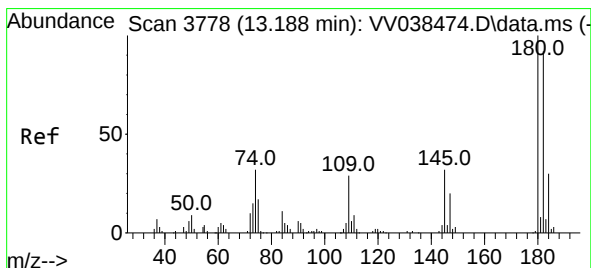
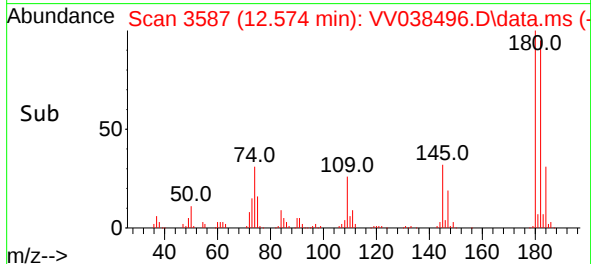
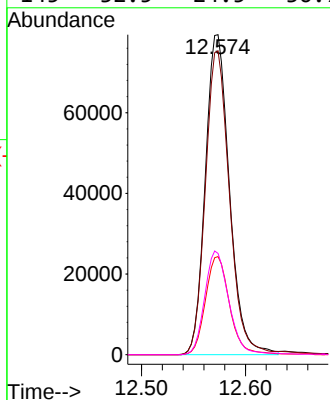


#69
 1,3,5-Trichlorobenzene
 Concen: 5.301 ug/L
 RT: 12.574 min Scan# 3587
 Delta R.T. 0.003 min
 Lab File: VV038496.D
 Acq: 22 Jan 2025 13:38

Instrument :
 MSVOA_V
 ClientSampleId :

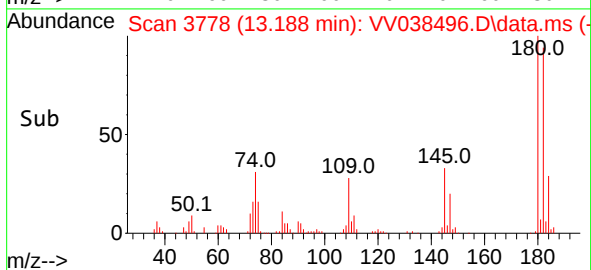
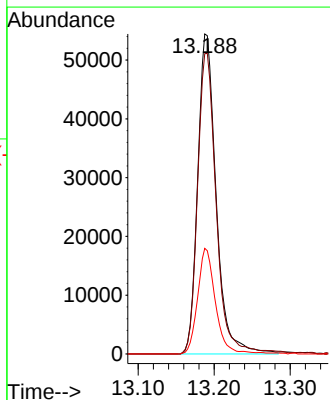
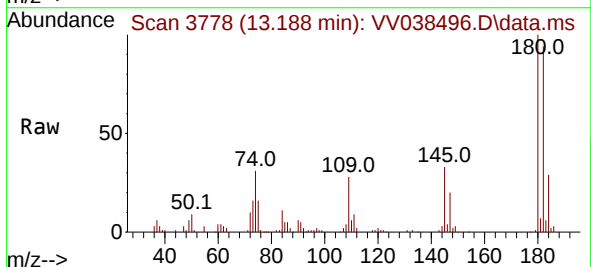


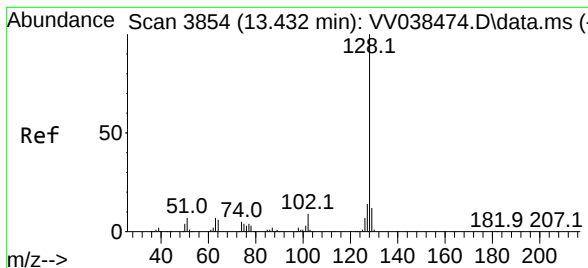
Tgt Ion:180 Resp: 128126
 Ion Ratio Lower Upper
 180 100
 182 95.6 74.3 111.5
 184 30.7 23.2 34.8
 145 32.5 24.5 36.7



#70
 1,2,4-trichlorobenzene
 Concen: 5.103 ug/L
 RT: 13.188 min Scan# 3778
 Delta R.T. -0.000 min
 Lab File: VV038496.D
 Acq: 22 Jan 2025 13:38

Tgt Ion:180 Resp: 91675
 Ion Ratio Lower Upper
 180 100
 182 95.4 77.5 116.3
 145 31.2 26.2 39.4





#71

Naphthalene

Concen: 4.268 ug/L

RT: 13.432 min Scan# 3854

Delta R.T. -0.000 min

Lab File: VV038496.D

Acq: 22 Jan 2025 13:38

Instrument :

MSVOA_V

ClientSampleId :

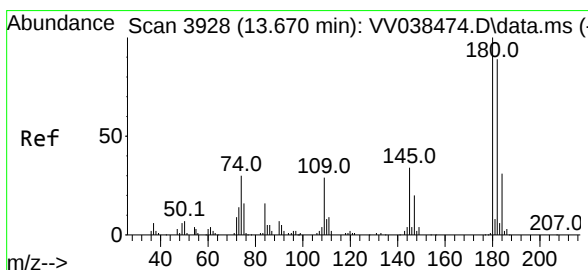
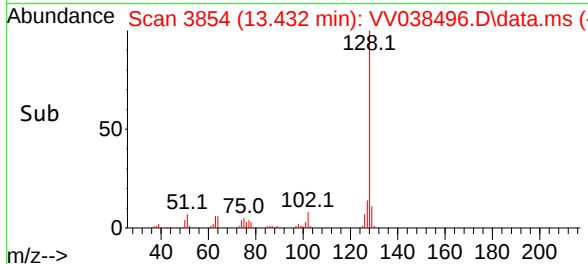
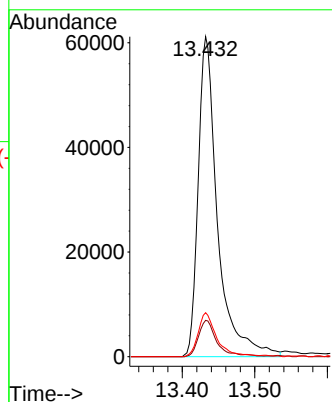
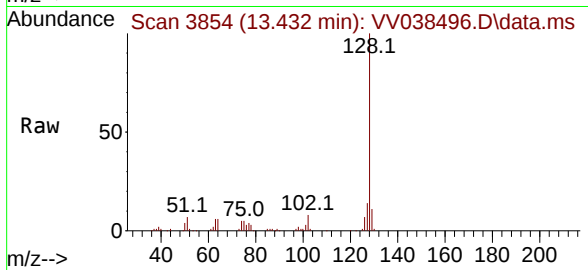
Tgt Ion:128 Resp: 113584

Ion Ratio Lower Upper

128 100

129 10.4 8.3 12.5

127 13.2 11.0 16.6



#72

1,2,3-Trichlorobenzene

Concen: 5.084 ug/L

RT: 13.670 min Scan# 3928

Delta R.T. -0.000 min

Lab File: VV038496.D

Acq: 22 Jan 2025 13:38

Tgt Ion:180 Resp: 78969

Ion Ratio Lower Upper

180 100

182 93.4 77.0 115.6

145 33.3 27.1 40.7

