

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV012425\
 Data File : VV038539.D
 Acq On : 24 Jan 2025 17:43
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 24 20:56:10 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011725WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jan 24 20:51:39 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	225779	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	226709	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.175	152	121614	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	53803	2.890	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	57.800%
7) Chloroethane-d5	1.529	69	53431	3.417	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	68.400%
11) 1,1-Dichloroethene-d2	2.053	65	26876	3.203	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.000%
20) 2-Butanone-d5	3.828	46	192419	49.136	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.280%
24) Chloroform-d	4.240	84	143258	4.105	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.200%
26) 1,2-Dichloroethane-d4	4.937	65	66504	4.159	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.200%
32) Benzene-d6	4.953	84	252989	4.052	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.000%
36) 1,2-Dichloropropane-d6	5.982	67	79738	4.201	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.000%
41) Toluene-d8	7.236	98	224459	4.002	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.000%
43) trans-1,3-Dichloroprop...	7.551	79	30411	4.380	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.600%
46) 2-Hexanone-d5	8.024	63	131322	47.945	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.900%
56) 1,1,2,2-Tetrachloroeth...	10.143	84	73827	4.907	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.200%
66) 1,2-Dichlorobenzene-d4	11.551	152	85833	4.170	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	83.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	102615	4.058	ug/L	98
3) Chloromethane	1.214	50	108662	4.199	ug/L	99
5) Vinyl chloride	1.281	62	109179	4.176	ug/L	97
6) Bromomethane	1.487	94	58025	4.437	ug/L	96
8) Chloroethane	1.548	64	65246	4.165	ug/L	99
9) Trichlorofluoromethane	1.709	101	146554	4.404	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	82695	4.348	ug/L	99
12) 1,1-Dichloroethene	2.066	96	80321	4.290	ug/L	90
13) Acetone	2.166	43	62029	20.358	ug/L	56
14) Carbon disulfide	2.236	76	257977	4.102	ug/L	98
15) Methyl Acetate	2.394	43	33602	4.316	ug/L	96
16) Methylene chloride	2.442	84	86943	4.190	ug/L	97
17) Methyl tert-butyl Ether	2.699	73	168546	4.279	ug/L	99
18) trans-1,2-Dichloroethene	2.690	96	83192	4.322	ug/L	99
19) 1,1-Dichloroethane	3.105	63	159008	4.341	ug/L	100
21) 2-Butanone	3.905	43	165882	38.379	ug/L	97
22) cis-1,2-Dichloroethene	3.809	96	83744	4.279	ug/L	99
23) Bromochloromethane	4.143	128	39824	4.472	ug/L	97
25) Chloroform	4.265	83	160782	4.440	ug/L	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV012425\
 Data File : VV038539.D
 Acq On : 24 Jan 2025 17:43
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

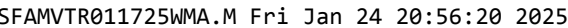
Instrument :
 MSVOA_V
 ClientSampleId :

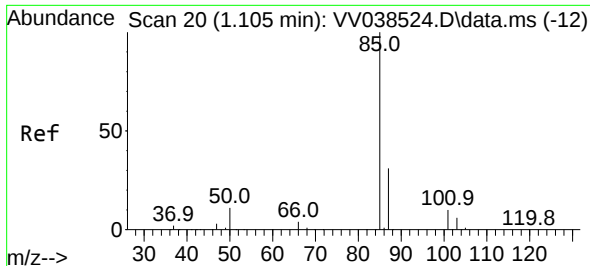
Quant Time: Jan 24 20:56:10 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011725WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jan 24 20:51:39 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	88230	4.381	ug/L	100
29) 1,1,1-Trichloroethane	4.500	97	139147	4.617	ug/L	97
30) Cyclohexane	4.574	56	118770	4.326	ug/L	96
31) Carbon tetrachloride	4.725	117	120868	4.537	ug/L	100
33) Benzene	5.002	78	340549	4.731	ug/L	100
34) Trichloroethene	5.828	95	86131	4.604	ug/L	95
35) Methylcyclohexane	6.040	83	127371	4.466	ug/L	98
37) 1,2-Dichloropropane	6.085	63	84908	4.567	ug/L	100
38) Bromodichloromethane	6.426	83	108950	4.519	ug/L	99
39) cis-1,3-Dichloropropene	6.947	75	116821	4.558	ug/L	99
40) 4-Methyl-2-pentanone	7.153	43	457499	47.561	ug/L	99
42) Toluene	7.307	91	366308	4.882	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	98446	4.533	ug/L	99
45) 1,1,2-Trichloroethane	7.764	97	61238	4.580	ug/L	95
47) Tetrachloroethene	7.899	164	66642	4.602	ug/L	98
48) 2-Hexanone	8.072	43	340908	48.947	ug/L	99
49) Dibromochloromethane	8.169	129	69837	4.537	ug/L	98
50) 1,2-Dibromoethane	8.278	107	57339	4.608	ug/L #	99
51) Chlorobenzene	8.808	112	234342	4.641	ug/L	99
52) Ethylbenzene	8.937	91	380289	4.712	ug/L	99
53) m,p-Xylene	9.066	106	146172	4.778	ug/L	92
54) o-Xylene	9.471	106	137865	4.729	ug/L	98
55) Styrene	9.490	104	245138	4.822	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.169	83	75861	4.659	ug/L	96
59) Bromoform	9.657	173	37643	4.438	ug/L	97
60) Isopropylbenzene	9.857	105	376996	4.607	ug/L	99
61) 1,2,3-Trichloropropane	10.201	75	51512	4.409	ug/L	99
62) 1,3,5-Trimethylbenzene	10.468	105	280466	4.377	ug/L	98
63) 1,2,4-Trimethylbenzene	10.844	105	290369	4.537	ug/L	100
64) 1,3-Dichlorobenzene	11.107	146	187490	4.619	ug/L	99
65) 1,4-Dichlorobenzene	11.201	146	187175	4.460	ug/L	98
67) 1,2-Dichlorobenzene	11.570	146	168562	4.434	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.358	75	9468	3.920	ug/L #	76
69) 1,3,5-Trichlorobenzene	12.574	180	123192	4.412	ug/L	99
70) 1,2,4-trichlorobenzene	13.191	180	89698	4.322	ug/L	100
71) Naphthalene	13.435	128	107414	3.494	ug/L	99
72) 1,2,3-Trichlorobenzene	13.670	180	77368	4.312	ug/L	99

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

Quant Time: Jan 24 20:56:10 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011725WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Jan 24 20:51:39 2025
Response via : Initial Calibration

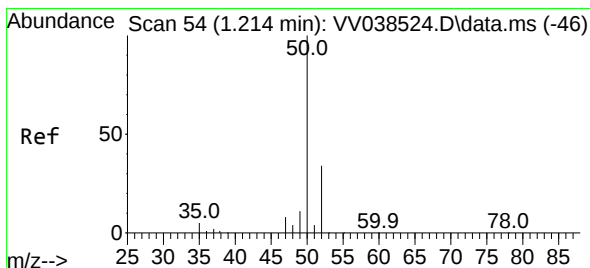
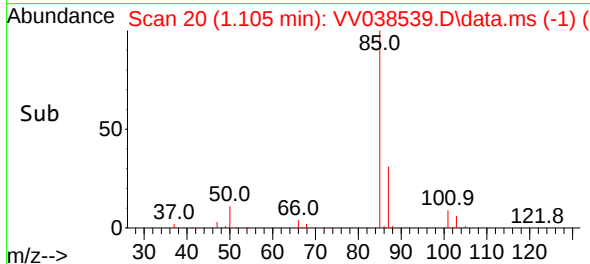
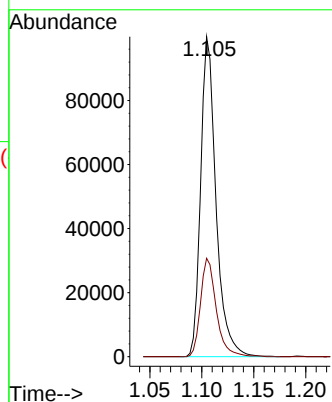
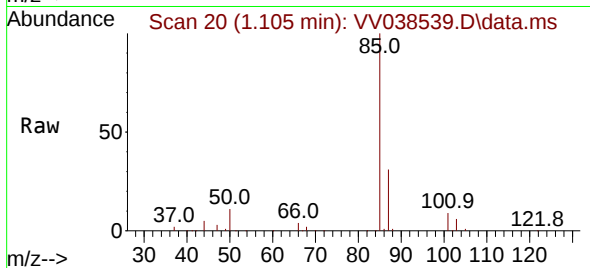




#2
 Dichlorodifluoromethane
 Concen: 4.058 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VV038539.D
 Acq: 24 Jan 2025 17:43

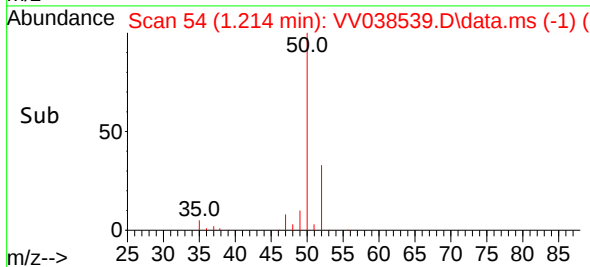
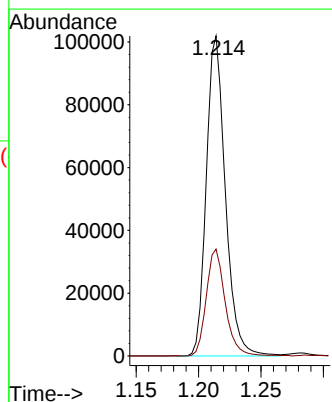
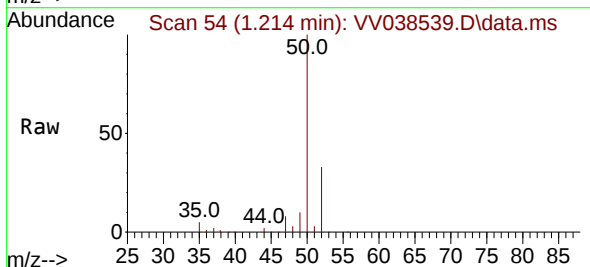
Instrument :
 MSVOA_V
 ClientSampleId :

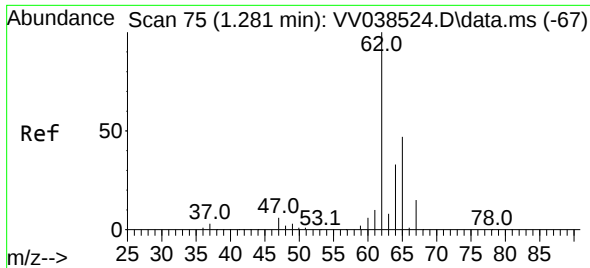
Tgt Ion: 85 Resp: 102615
 Ion Ratio Lower Upper
 85 100
 87 31.6 26.0 39.0



#3
 Chloromethane
 Concen: 4.199 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. 0.000 min
 Lab File: VV038539.D
 Acq: 24 Jan 2025 17:43

Tgt Ion: 50 Resp: 108662
 Ion Ratio Lower Upper
 50 100
 52 33.4 23.0 42.6



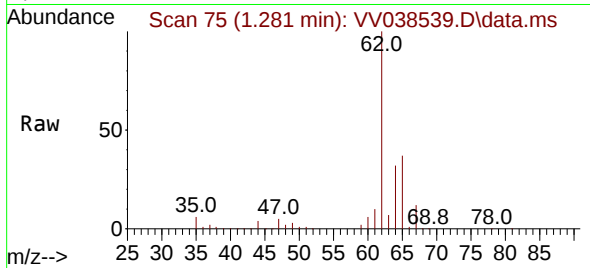


#5
 Vinyl chloride
 Concen: 4.176 ug/L
 RT: 1.281 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VV038539.D
 Acq: 24 Jan 2025 17:43

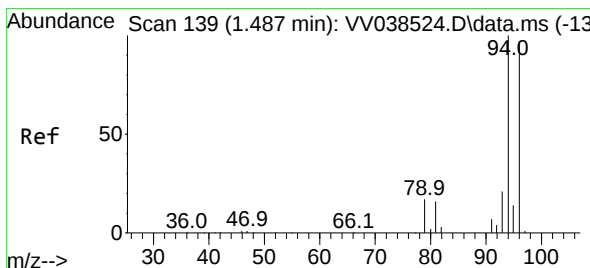
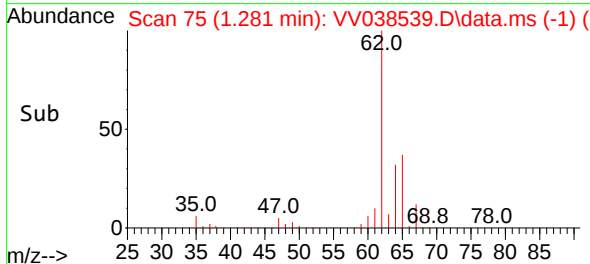
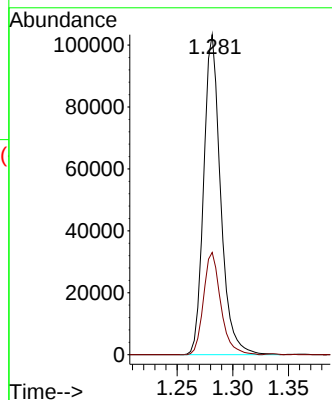
Instrument :

MSVOA_V

ClientSampleId :

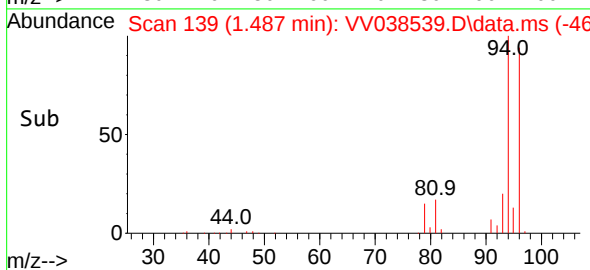
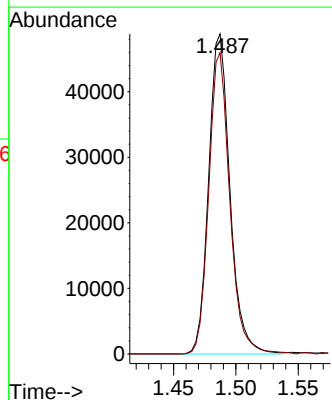
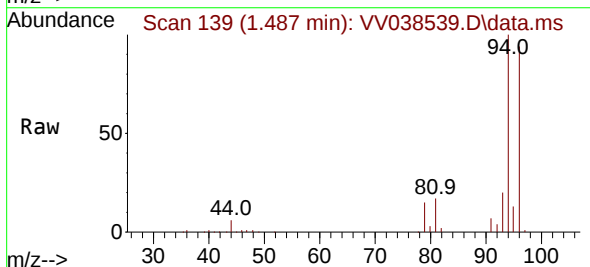


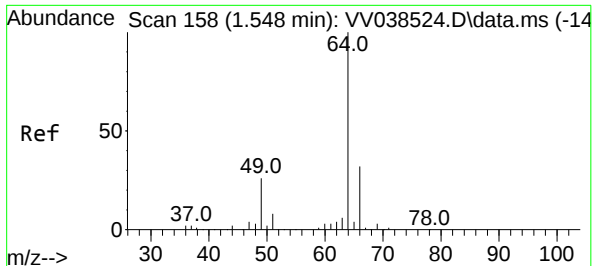
Tgt Ion: 62 Resp: 109179
 Ion Ratio Lower Upper
 62 100
 64 32.0 23.5 43.7



#6
 Bromomethane
 Concen: 4.437 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. 0.000 min
 Lab File: VV038539.D
 Acq: 24 Jan 2025 17:43

Tgt Ion: 94 Resp: 58025
 Ion Ratio Lower Upper
 94 100
 96 94.1 68.9 127.9

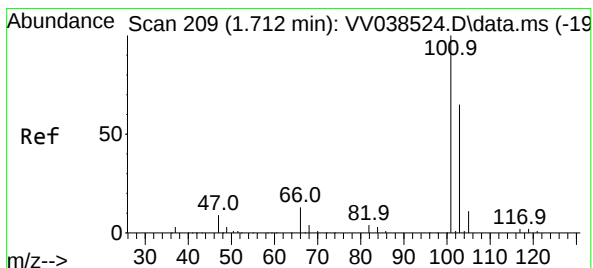
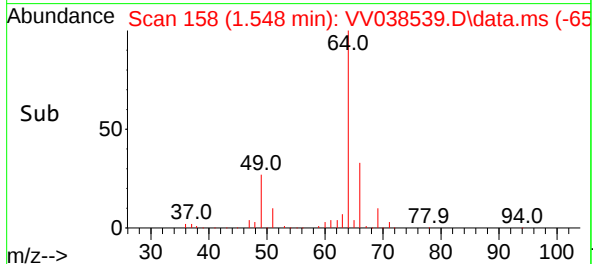
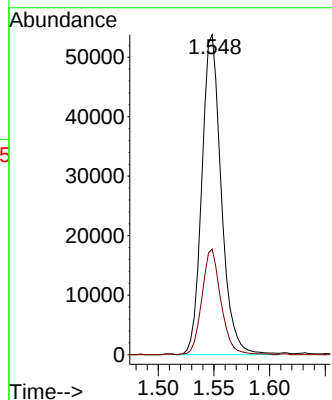
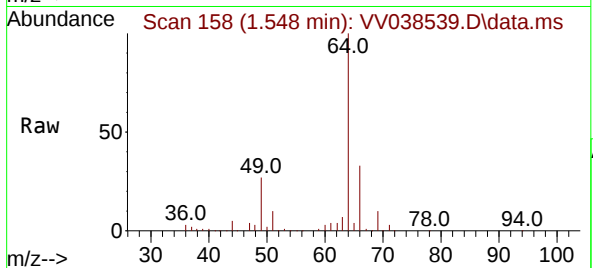




#8
Chloroethane
Concen: 4.165 ug/L
RT: 1.548 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV038539.D
Acq: 24 Jan 2025 17:43

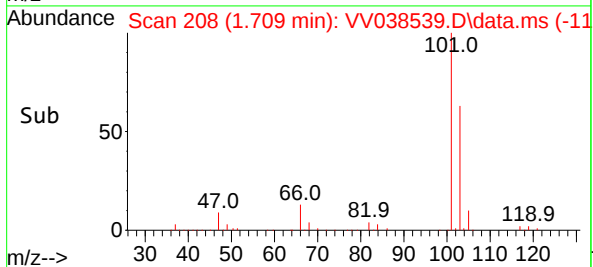
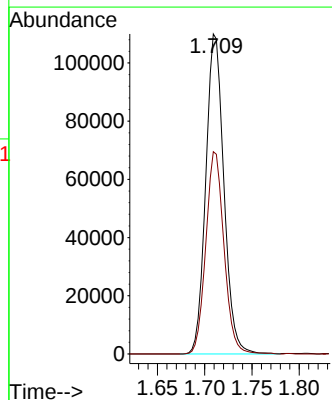
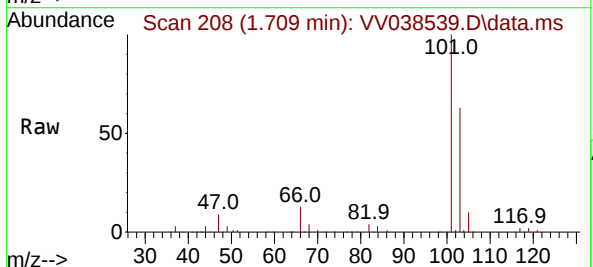
Instrument :
MSVOA_V
ClientSampleId :

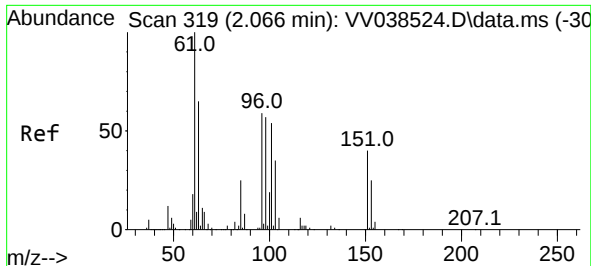
Tgt Ion: 64 Resp: 65246
Ion Ratio Lower Upper
64 100
66 33.0 22.7 42.1



#9
Trichlorofluoromethane
Concen: 4.404 ug/L
RT: 1.709 min Scan# 208
Delta R.T. -0.003 min
Lab File: VV038539.D
Acq: 24 Jan 2025 17:43

Tgt Ion:101 Resp: 146554
Ion Ratio Lower Upper
101 100
103 63.4 51.5 77.3

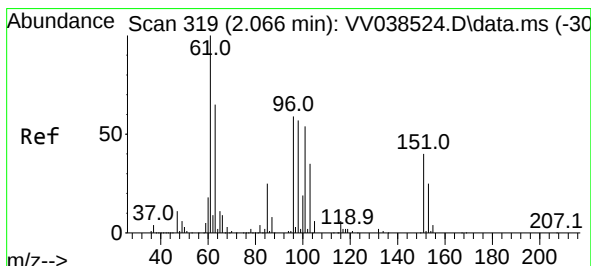
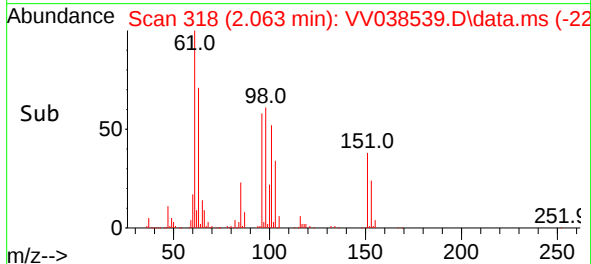
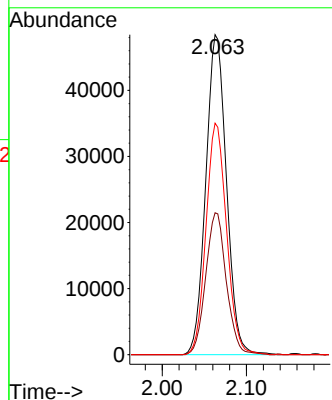
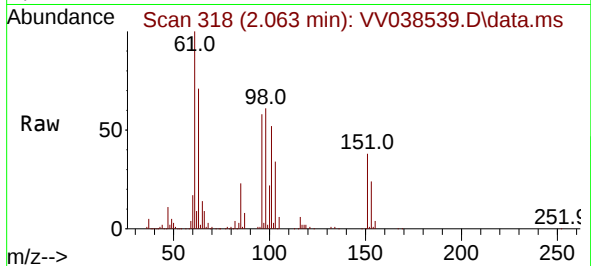




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.348 ug/L
 RT: 2.063 min Scan# 319
 Delta R.T. -0.003 min
 Lab File: VV038539.D
 Acq: 24 Jan 2025 17:43

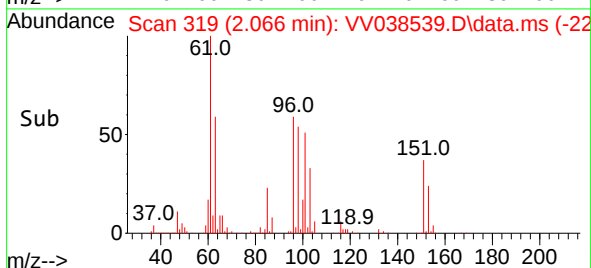
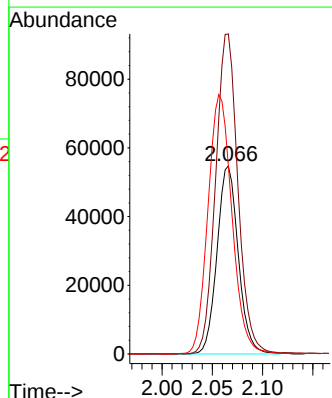
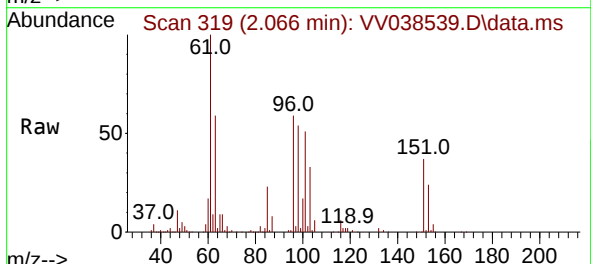
Instrument :
 MSVOA_V
 ClientSampleId :

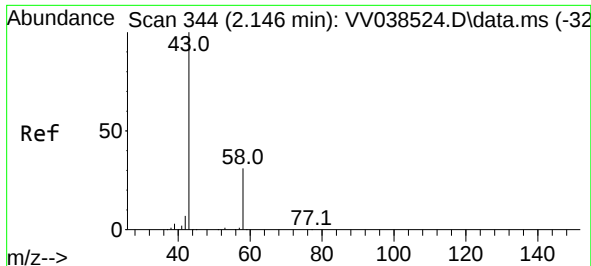
Tgt Ion:101 Resp: 82695
 Ion Ratio Lower Upper
 101 100
 85 44.2 35.2 52.8
 151 71.8 56.6 85.0



#12
 1,1-Dichloroethene
 Concen: 4.290 ug/L
 RT: 2.066 min Scan# 319
 Delta R.T. 0.000 min
 Lab File: VV038539.D
 Acq: 24 Jan 2025 17:43

Tgt Ion: 96 Resp: 80321
 Ion Ratio Lower Upper
 96 100
 61 170.3 122.2 227.0
 63 100.2 86.2 160.0





#13

Acetone

Concen: 20.358 ug/L

RT: 2.166 min Scan# 3

Delta R.T. 0.019 min

Lab File: VV038539.D

Acq: 24 Jan 2025 17:43

Instrument :

MSVOA_V

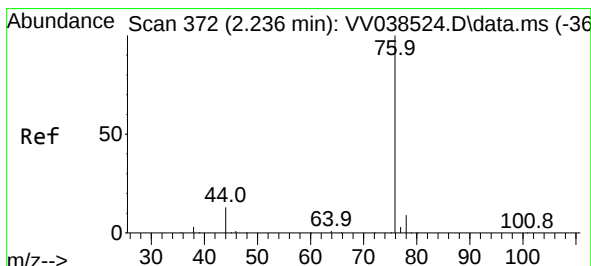
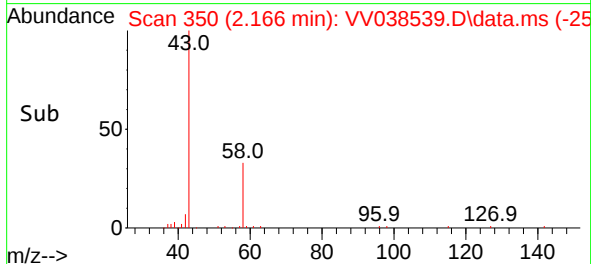
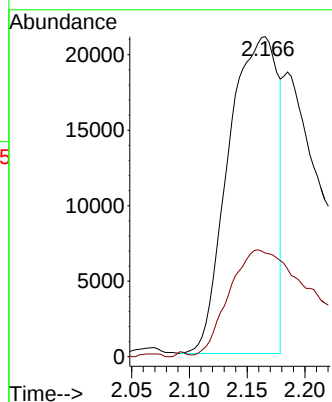
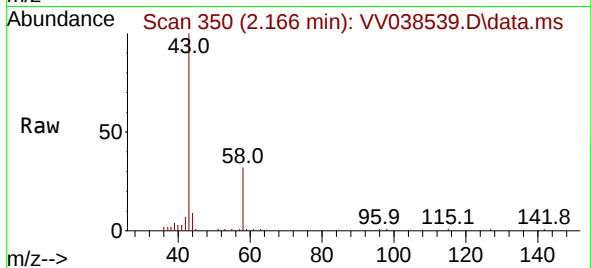
ClientSampleId :

Tgt Ion: 43 Resp: 62029

Ion Ratio Lower Upper

43 100

58 58.6 0.0 67.2



#14

Carbon disulfide

Concen: 4.102 ug/L

RT: 2.236 min Scan# 372

Delta R.T. 0.000 min

Lab File: VV038539.D

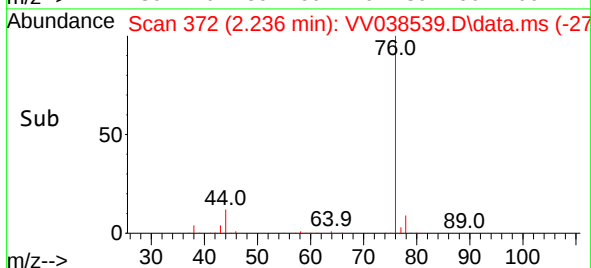
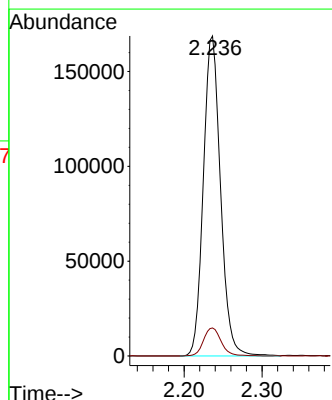
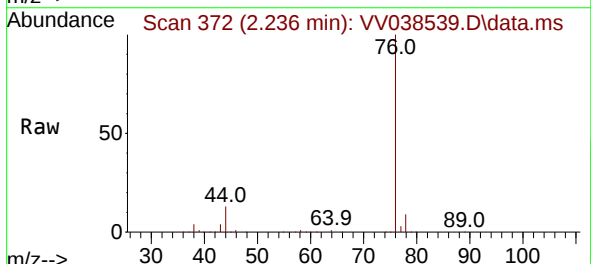
Acq: 24 Jan 2025 17:43

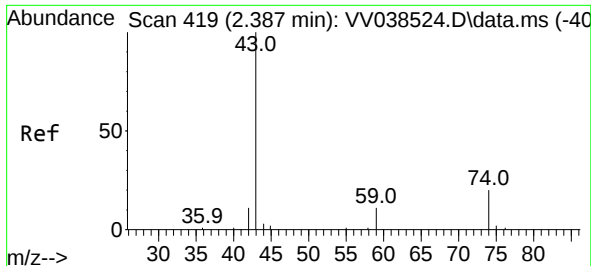
Tgt Ion: 76 Resp: 257977

Ion Ratio Lower Upper

76 100

78 8.7 7.6 11.4

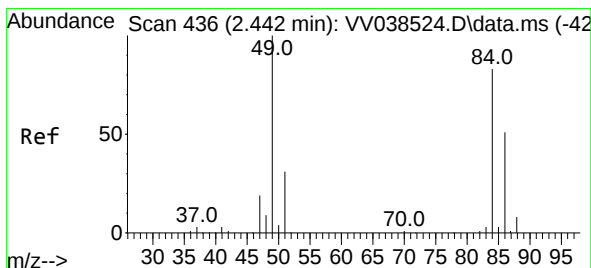
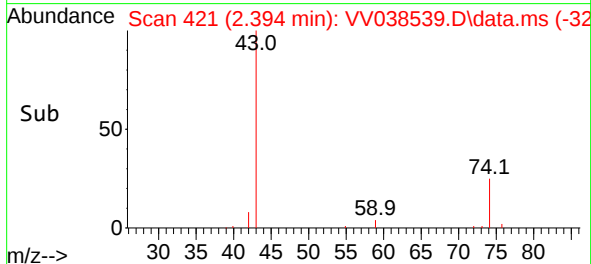
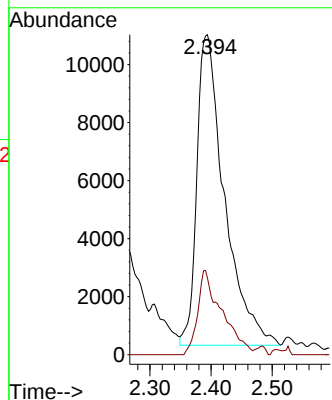
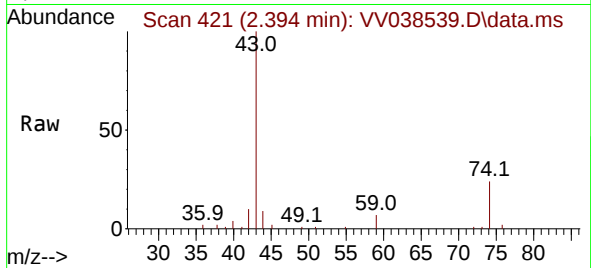




#15
Methyl Acetate
Concen: 4.316 ug/L
RT: 2.394 min Scan# 419
Delta R.T. 0.006 min
Lab File: VV038539.D
Acq: 24 Jan 2025 17:43

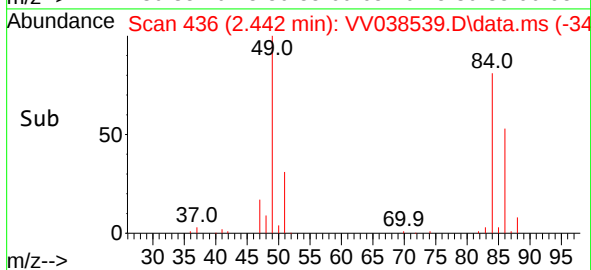
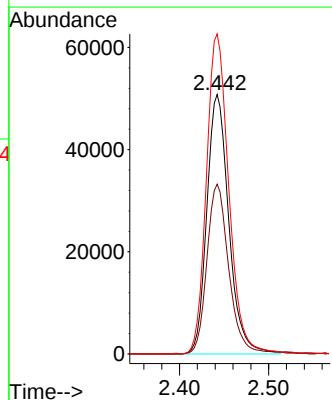
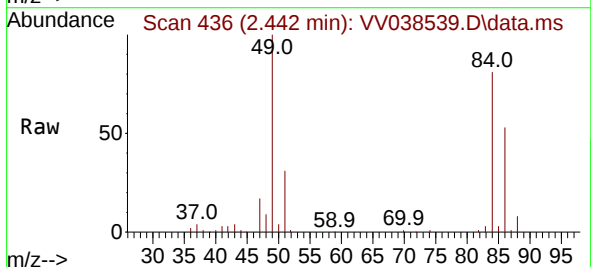
Instrument :
MSVOA_V
ClientSampleId :

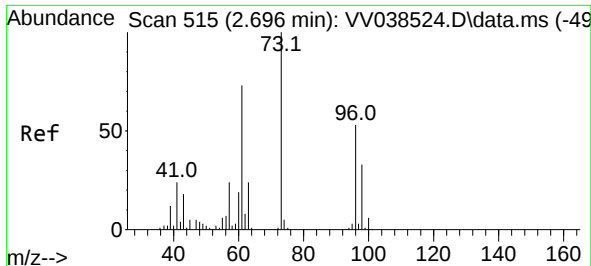
Tgt Ion: 43 Resp: 33602
Ion Ratio Lower Upper
43 100
74 23.7 20.4 30.6



#16
Methylene chloride
Concen: 4.190 ug/L
RT: 2.442 min Scan# 436
Delta R.T. 0.000 min
Lab File: VV038539.D
Acq: 24 Jan 2025 17:43

Tgt Ion: 84 Resp: 86943
Ion Ratio Lower Upper
84 100
86 65.4 44.7 82.9
49 123.3 84.1 156.1

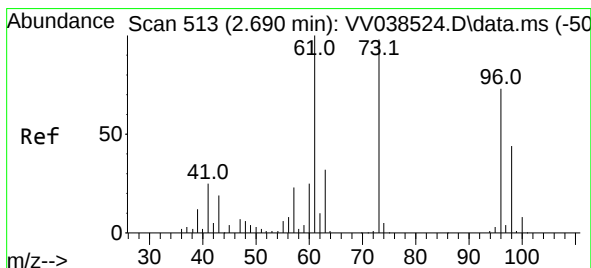
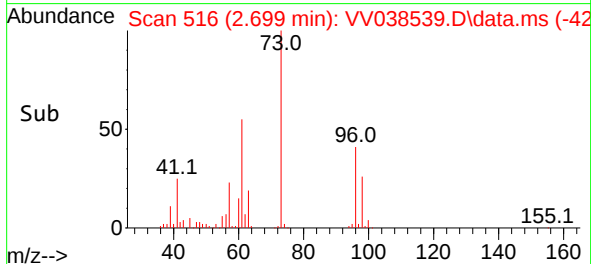
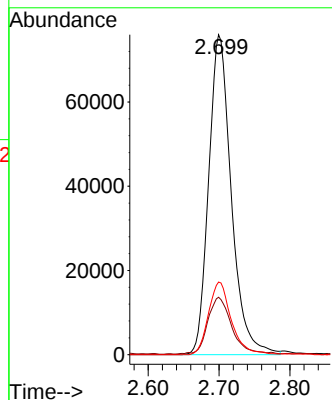
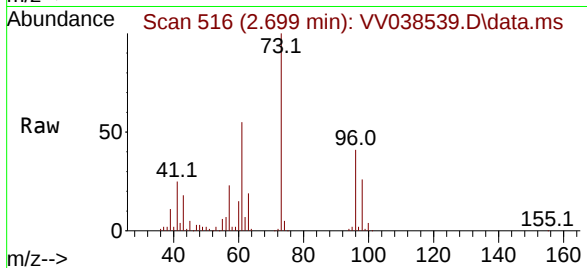




#17
Methyl tert-butyl Ether
Concen: 4.279 ug/L
RT: 2.699 min Scan# 515
Delta R.T. 0.003 min
Lab File: VV038539.D
Acq: 24 Jan 2025 17:43

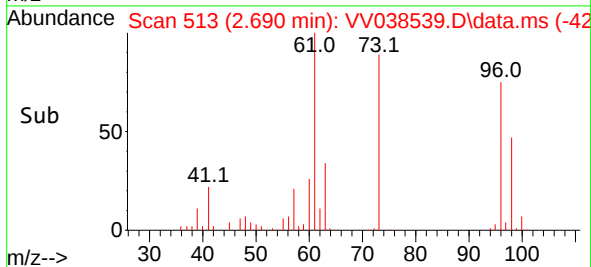
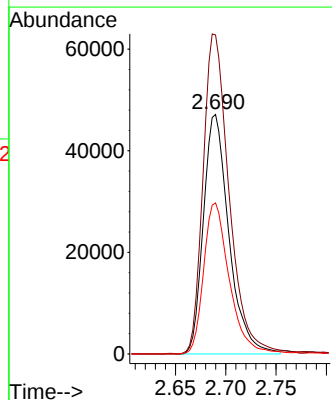
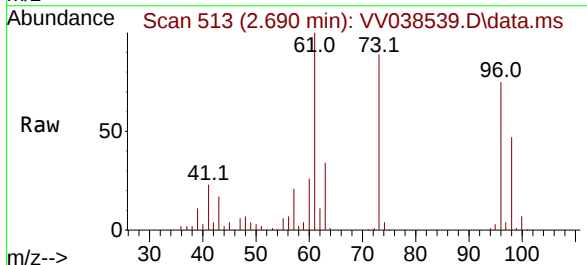
Instrument :
MSVOA_V
ClientSampleId :

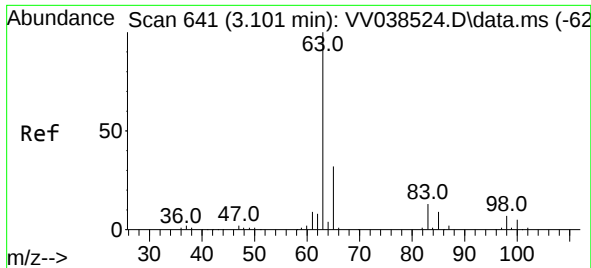
Tgt Ion: 73 Resp: 168546
Ion Ratio Lower Upper
73 100
43 18.6 14.6 21.8
57 22.9 17.9 26.9



#18
trans-1,2-Dichloroethene
Concen: 4.322 ug/L
RT: 2.690 min Scan# 513
Delta R.T. 0.000 min
Lab File: VV038539.D
Acq: 24 Jan 2025 17:43

Tgt Ion: 96 Resp: 83192
Ion Ratio Lower Upper
96 100
61 133.2 94.8 176.2
98 63.1 44.2 82.2

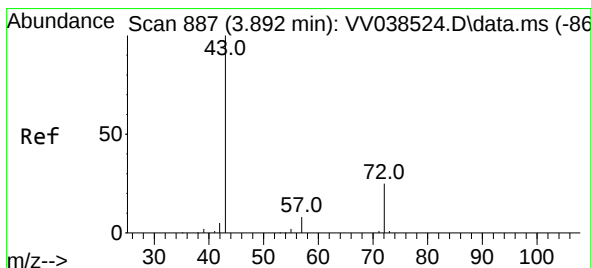
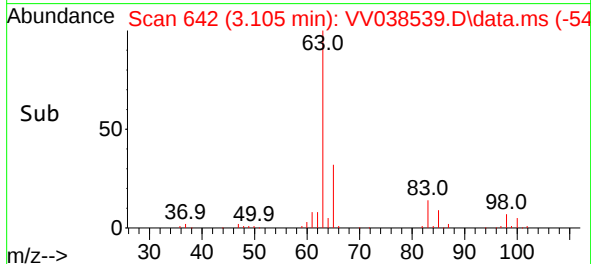
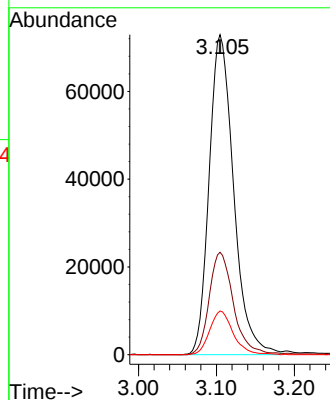
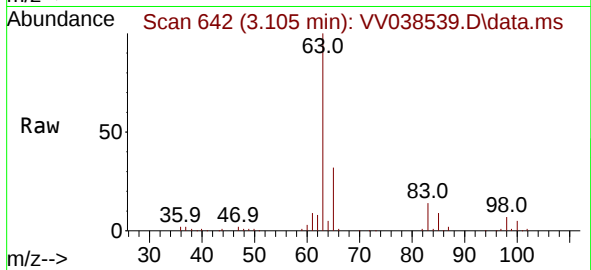




#19
1,1-Dichloroethane
Concen: 4.341 ug/L
RT: 3.105 min Scan# 641
Delta R.T. 0.003 min
Lab File: VV038539.D
Acq: 24 Jan 2025 17:43

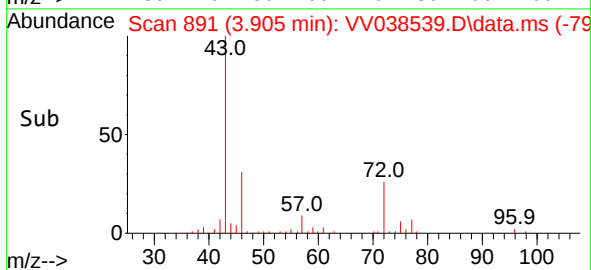
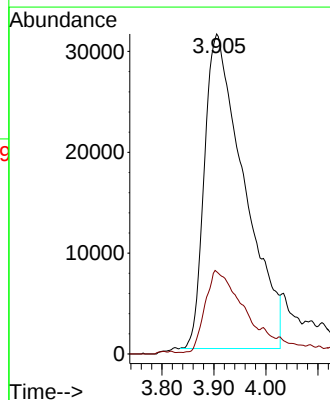
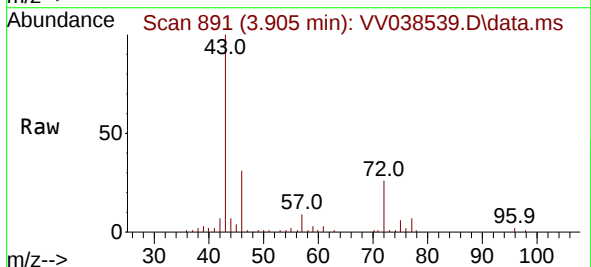
Instrument :
MSVOA_V
ClientSampleId :

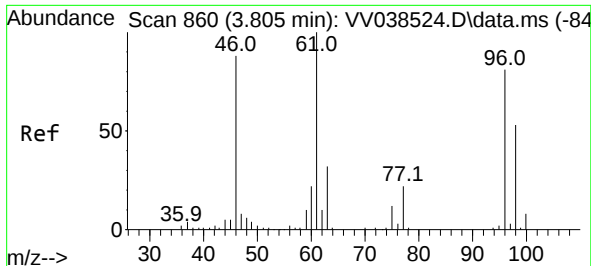
Tgt Ion: 63 Resp: 159008
Ion Ratio Lower Upper
63 100
65 32.0 22.5 41.9
83 13.6 9.4 17.6



#21
2-Butanone
Concen: 38.379 ug/L
RT: 3.905 min Scan# 891
Delta R.T. 0.013 min
Lab File: VV038539.D
Acq: 24 Jan 2025 17:43

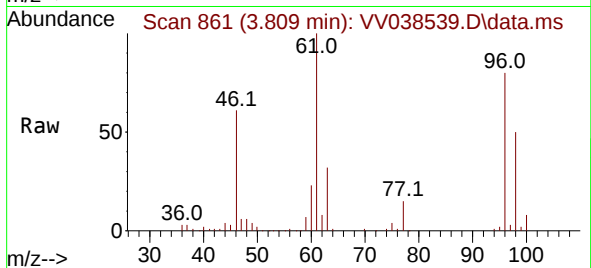
Tgt Ion: 43 Resp: 165882
Ion Ratio Lower Upper
43 100
72 23.0 12.2 36.4





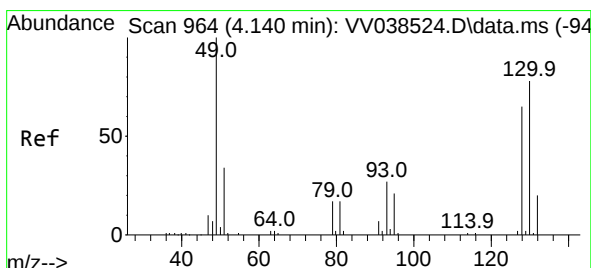
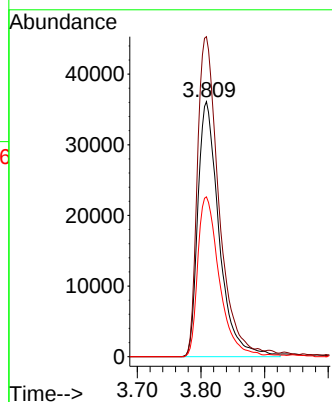
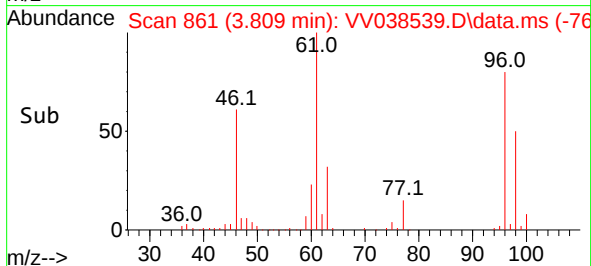
#22
 cis-1,2-Dichloroethene
 Concen: 4.279 ug/L
 RT: 3.809 min Scan# 860
 Delta R.T. 0.003 min
 Lab File: VV038539.D
 Acq: 24 Jan 2025 17:43

Instrument :
 MSVOA_V
 ClientSampleId :

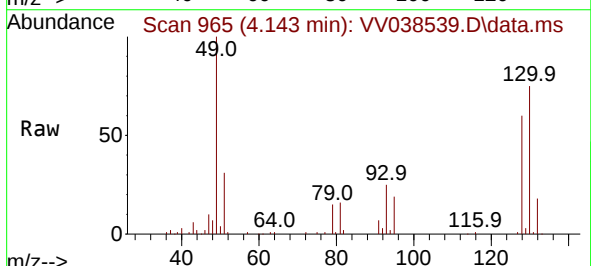


Tgt Ion: 96 Resp: 83744

Ion	Ratio	Lower	Upper
96	100		
61	125.5	86.5	160.7
98	62.7	43.8	81.3

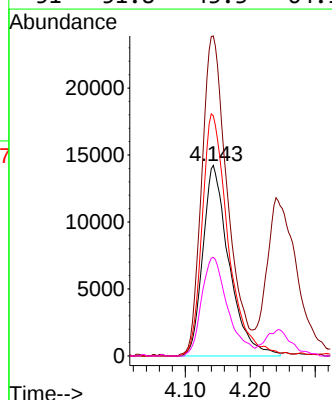
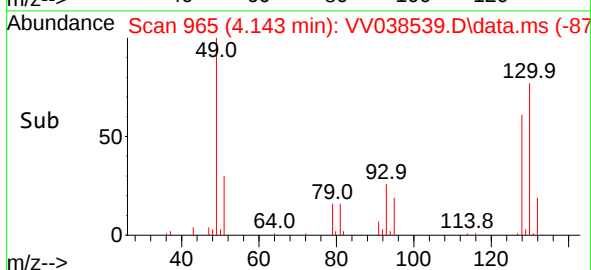


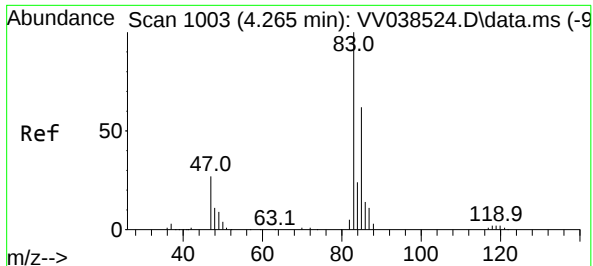
#23
 Bromochloromethane
 Concen: 4.472 ug/L
 RT: 4.143 min Scan# 965
 Delta R.T. 0.003 min
 Lab File: VV038539.D
 Acq: 24 Jan 2025 17:43



Tgt Ion: 128 Resp: 39824

Ion	Ratio	Lower	Upper
128	100		
49	168.0	121.0	224.8
130	126.0	90.1	167.3
51	51.8	43.3	64.9





#25

Chloroform

Concen: 4.440 ug/L

RT: 4.265 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV038539.D

Acq: 24 Jan 2025 17:43

Instrument :

MSVOA_V

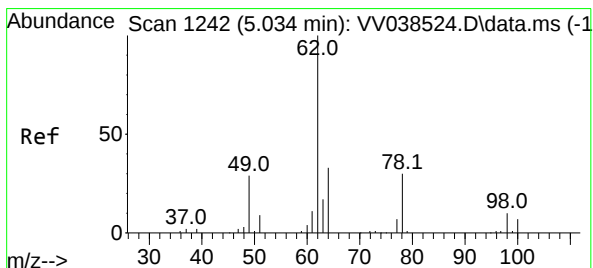
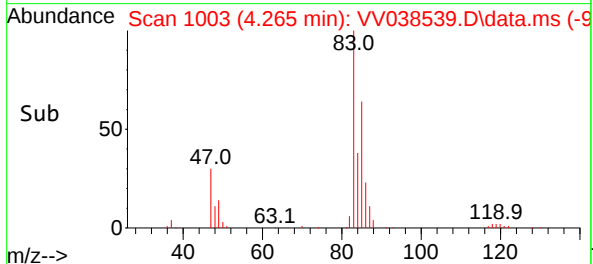
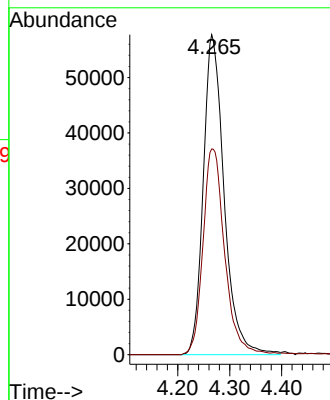
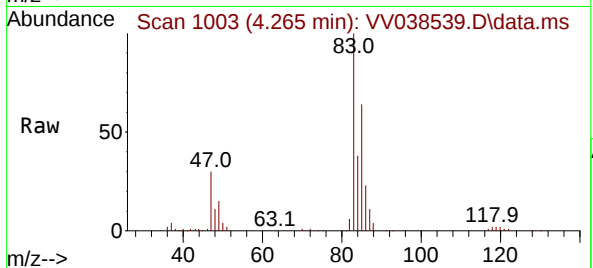
ClientSampleId :

Tgt Ion: 83 Resp: 160782

Ion Ratio Lower Upper

83 100

85 64.3 44.0 81.8



#27

1,2-Dichloroethane

Concen: 4.381 ug/L

RT: 5.037 min Scan# 1243

Delta R.T. 0.003 min

Lab File: VV038539.D

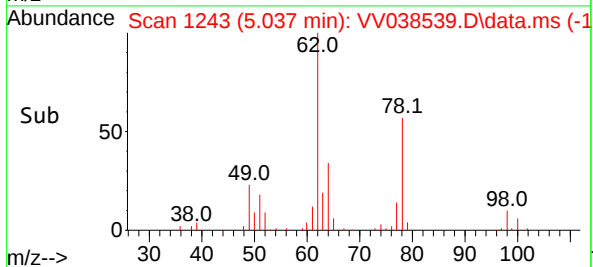
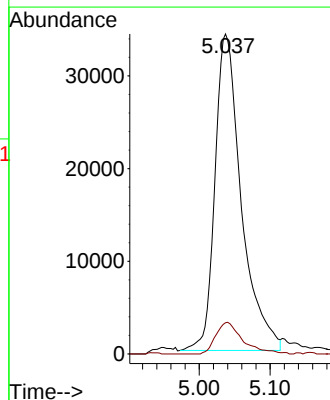
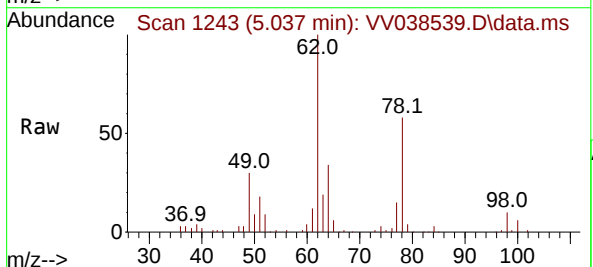
Acq: 24 Jan 2025 17:43

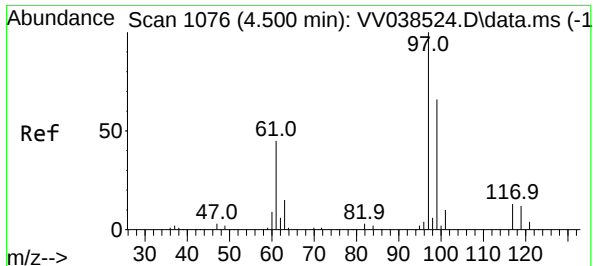
Tgt Ion: 62 Resp: 88230

Ion Ratio Lower Upper

62 100

98 9.8 7.8 11.6





#29

1,1,1-Trichloroethane

Concen: 4.617 ug/L

RT: 4.500 min Scan# 1076

Delta R.T. 0.000 min

Lab File: VV038539.D

Acq: 24 Jan 2025 17:43

Instrument :

MSVOA_V

ClientSampleId :

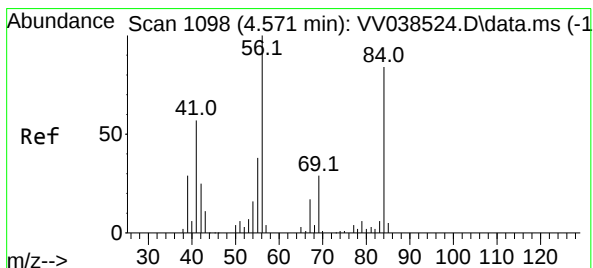
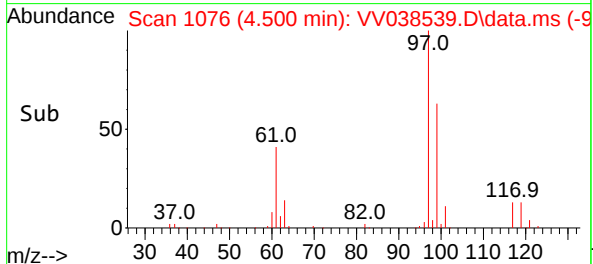
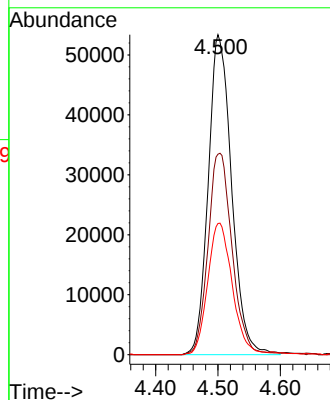
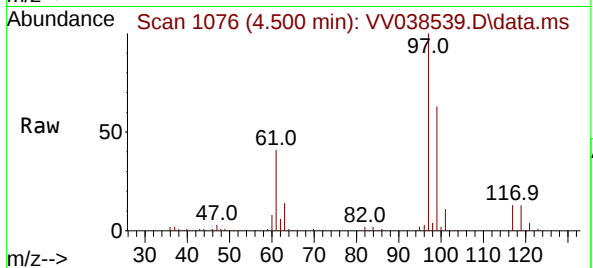
Tgt Ion: 97 Resp: 139147

Ion Ratio Lower Upper

97 100

99 64.7 52.9 79.3

61 43.1 36.4 54.6



#30

Cyclohexane

Concen: 4.326 ug/L

RT: 4.574 min Scan# 1099

Delta R.T. 0.003 min

Lab File: VV038539.D

Acq: 24 Jan 2025 17:43

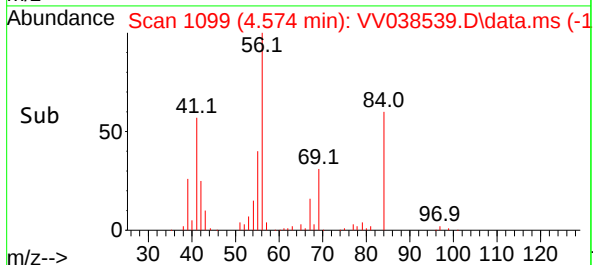
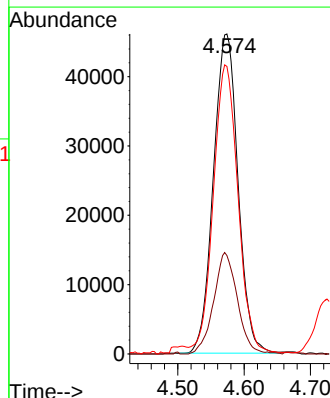
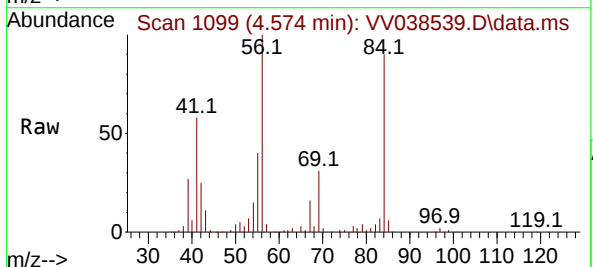
Tgt Ion: 56 Resp: 118770

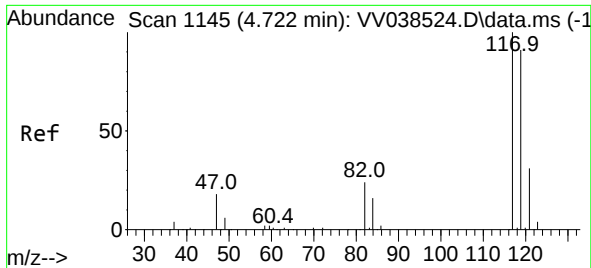
Ion Ratio Lower Upper

56 100

69 30.7 24.7 37.1

84 90.1 68.2 102.2

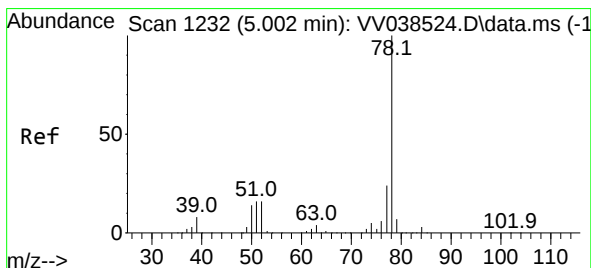
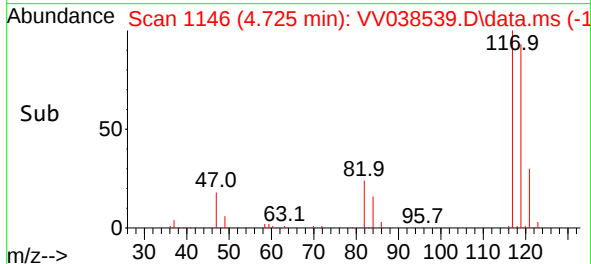
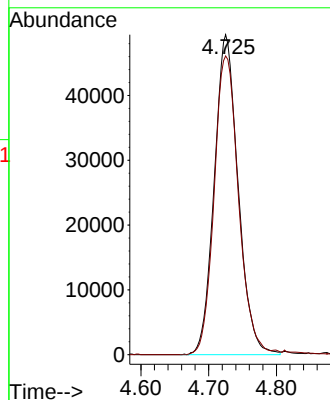
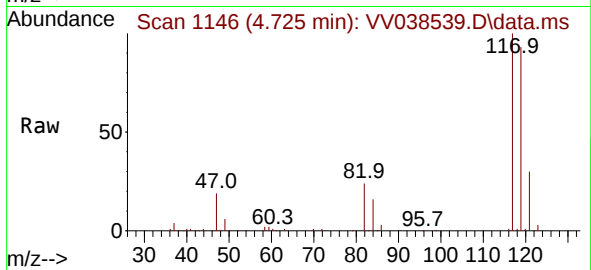




#31
Carbon tetrachloride
Concen: 4.537 ug/L
RT: 4.725 min Scan# 1145
Delta R.T. 0.003 min
Lab File: VV038539.D
Acq: 24 Jan 2025 17:43

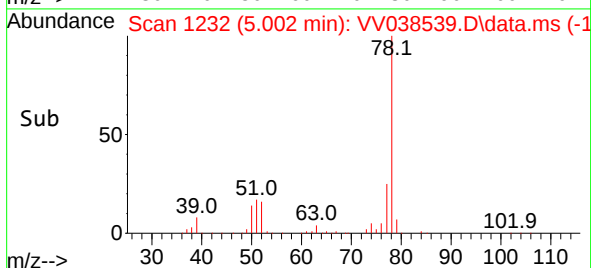
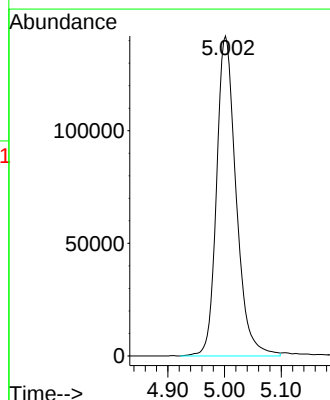
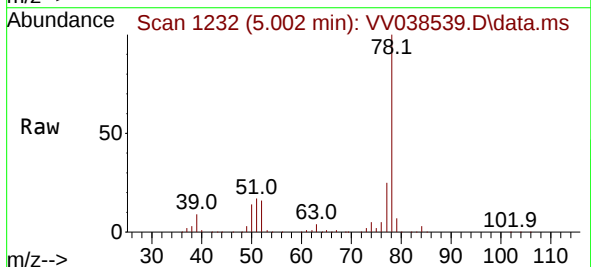
Instrument :
MSVOA_V
ClientSampleId :

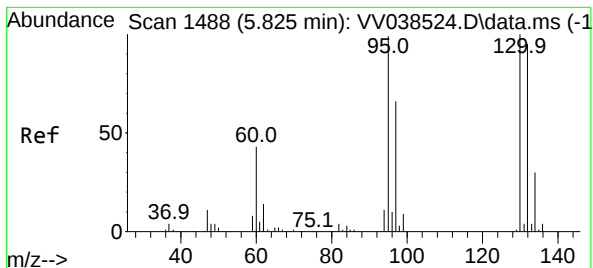
Tgt Ion:117 Resp: 120868
Ion Ratio Lower Upper
117 100
119 95.5 76.6 115.0



#33
Benzene
Concen: 4.731 ug/L
RT: 5.002 min Scan# 1232
Delta R.T. 0.000 min
Lab File: VV038539.D
Acq: 24 Jan 2025 17:43

Tgt Ion: 78 Resp: 340549





#34

Trichloroethene

Concen: 4.604 ug/L

RT: 5.828 min Scan# 1488

Delta R.T. 0.003 min

Lab File: VV038539.D

Acq: 24 Jan 2025 17:43

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 86131

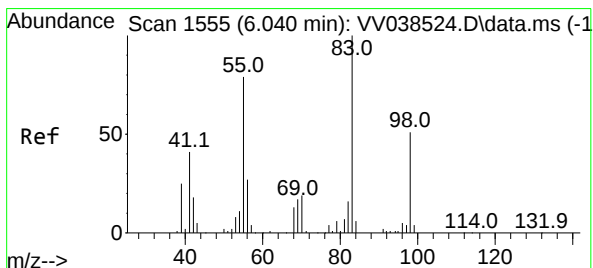
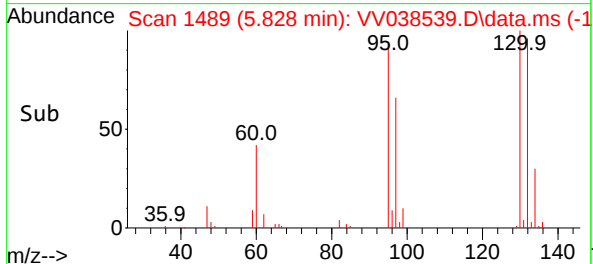
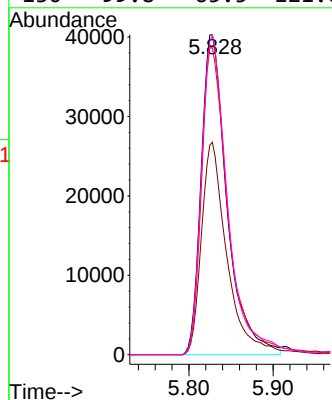
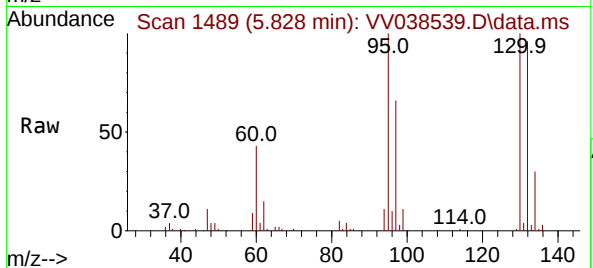
Ion Ratio Lower Upper

95 100

97 66.4 43.4 80.6

132 95.9 65.5 121.6

130 99.8 65.5 121.6



#35

Methylcyclohexane

Concen: 4.466 ug/L

RT: 6.040 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VV038539.D

Acq: 24 Jan 2025 17:43

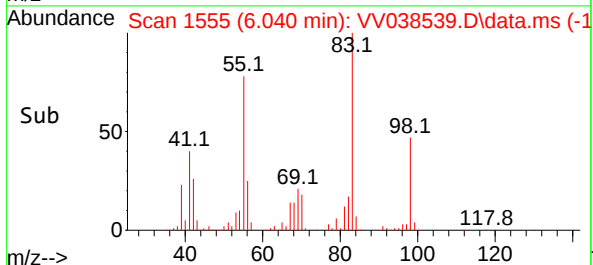
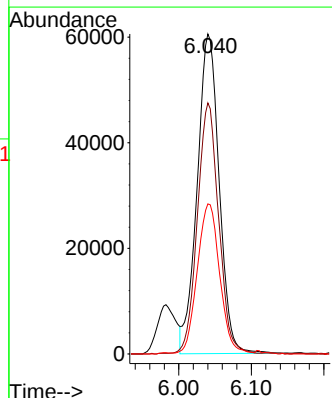
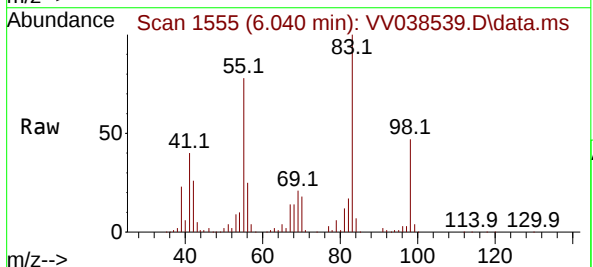
Tgt Ion: 83 Resp: 127371

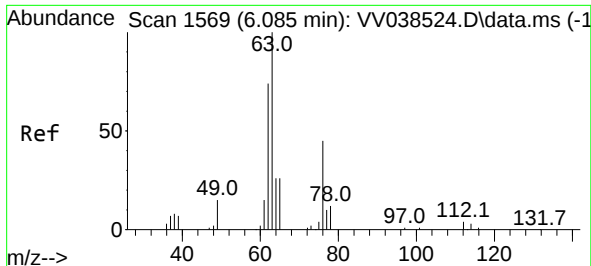
Ion Ratio Lower Upper

83 100

55 76.4 59.4 89.0

98 47.1 37.8 56.8





#37

1,2-Dichloropropane

Concen: 4.567 ug/L

RT: 6.085 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV038539.D

Acq: 24 Jan 2025 17:43

Instrument :

MSVOA_V

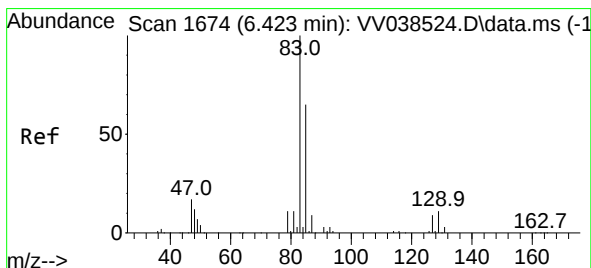
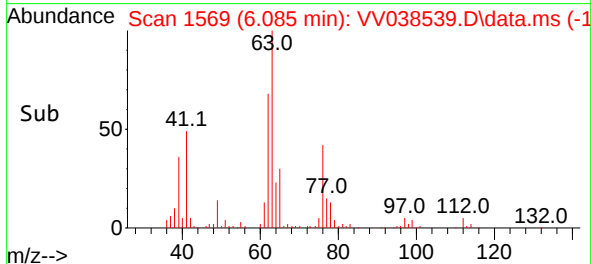
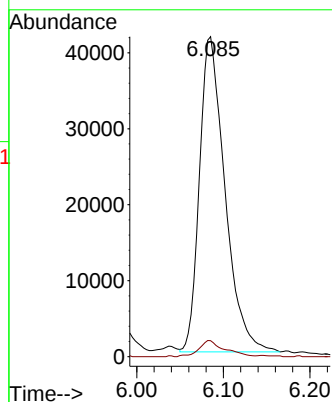
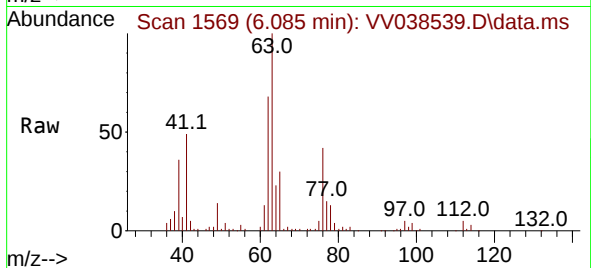
ClientSampleId :

Tgt Ion: 63 Resp: 84908

Ion Ratio Lower Upper

63 100

112 5.1 4.1 6.1



#38

Bromodichloromethane

Concen: 4.519 ug/L

RT: 6.426 min Scan# 1675

Delta R.T. 0.003 min

Lab File: VV038539.D

Acq: 24 Jan 2025 17:43

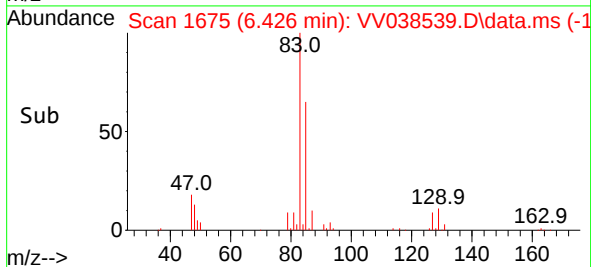
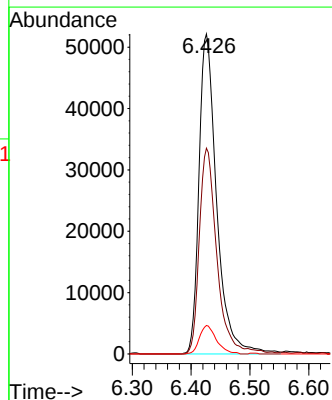
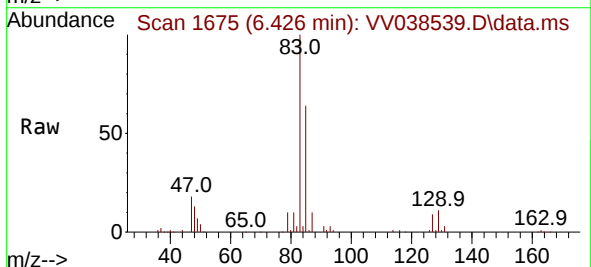
Tgt Ion: 83 Resp: 108950

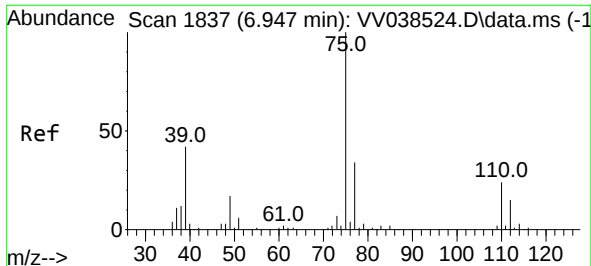
Ion Ratio Lower Upper

83 100

85 64.3 44.7 83.1

127 8.9 6.8 10.2





#39

cis-1,3-Dichloropropene

Concen: 4.558 ug/L

RT: 6.947 min Scan# 11

Delta R.T. 0.000 min

Lab File: VV038539.D

Acq: 24 Jan 2025 17:43

Instrument :

MSVOA_V

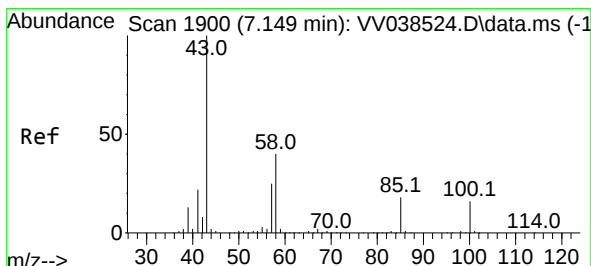
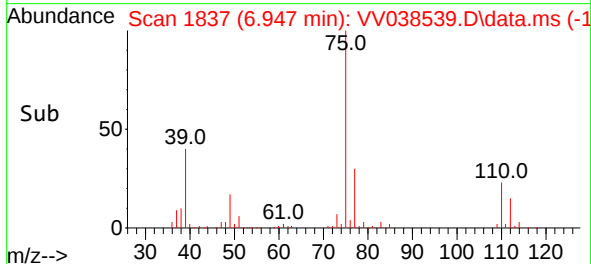
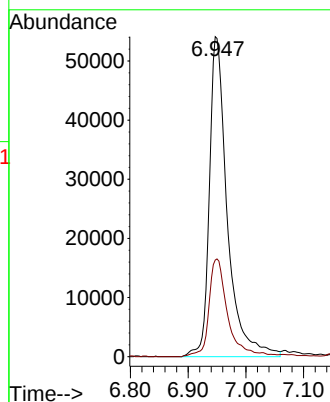
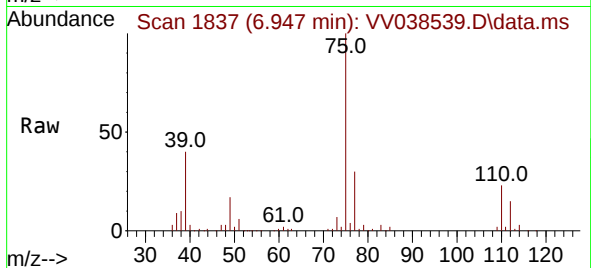
ClientSampleId :

Tgt Ion: 75 Resp: 116821

Ion Ratio Lower Upper

75 100

77 30.2 21.7 40.3



#40

4-Methyl-2-pentanone

Concen: 47.561 ug/L

RT: 7.153 min Scan# 1901

Delta R.T. 0.003 min

Lab File: VV038539.D

Acq: 24 Jan 2025 17:43

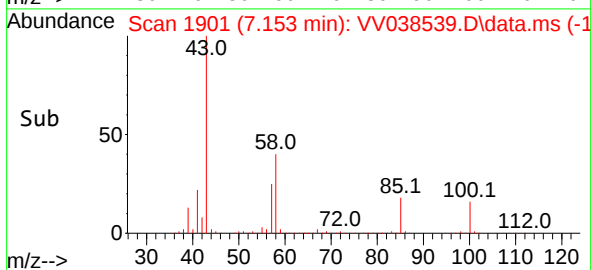
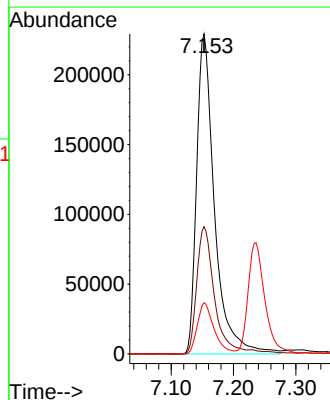
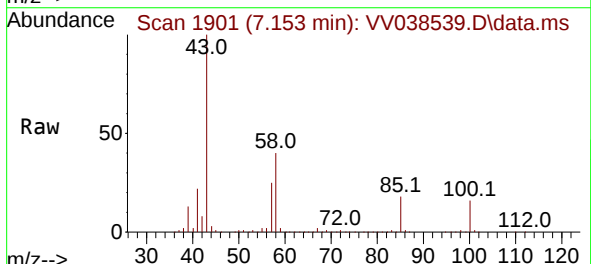
Tgt Ion: 43 Resp: 457499

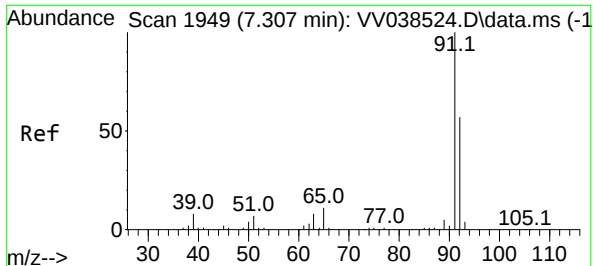
Ion Ratio Lower Upper

43 100

58 38.7 31.7 47.5

100 15.0 12.4 18.6





#42

Toluene

Concen: 4.882 ug/L

RT: 7.307 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VV038539.D

Acq: 24 Jan 2025 17:43

Instrument :

MSVOA_V

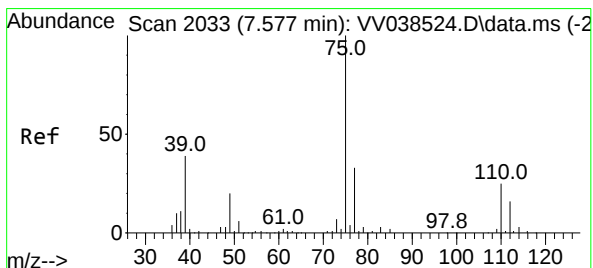
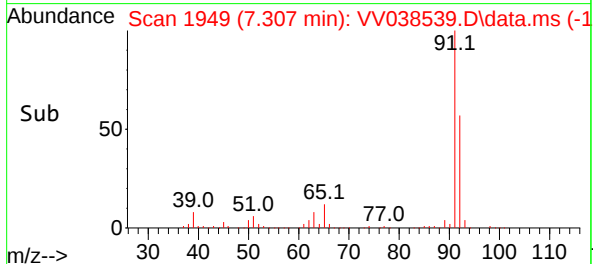
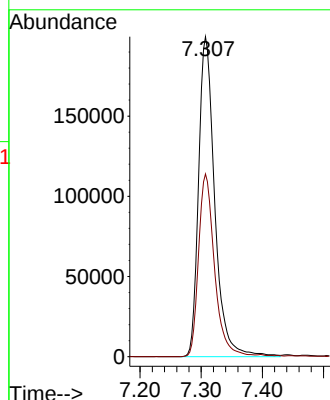
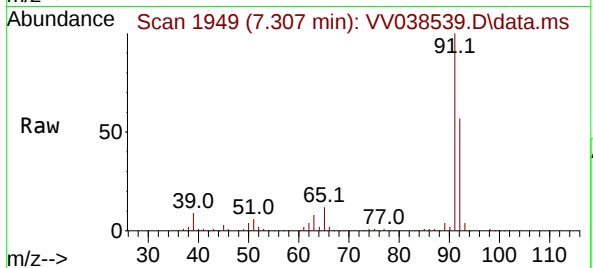
ClientSampleId :

Tgt Ion: 91 Resp: 366308

Ion Ratio Lower Upper

91 100

92 57.1 40.6 75.4



#44

trans-1,3-Dichloropropene

Concen: 4.533 ug/L

RT: 7.577 min Scan# 2033

Delta R.T. 0.000 min

Lab File: VV038539.D

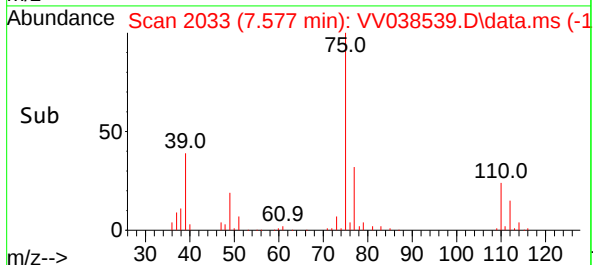
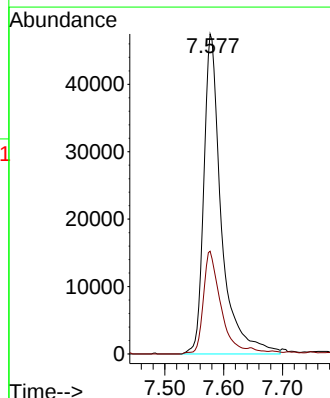
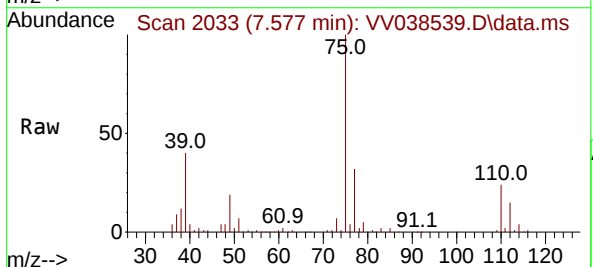
Acq: 24 Jan 2025 17:43

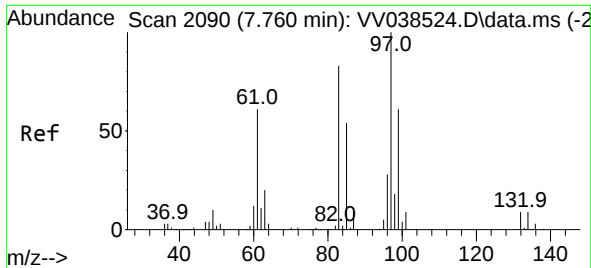
Tgt Ion: 75 Resp: 98446

Ion Ratio Lower Upper

75 100

77 32.1 22.8 42.4

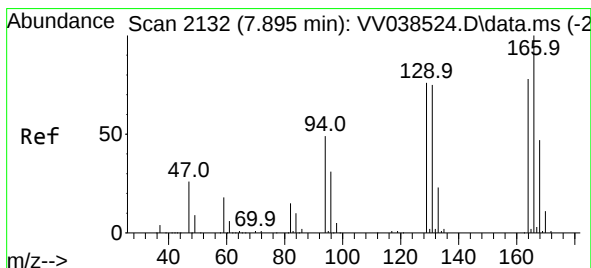
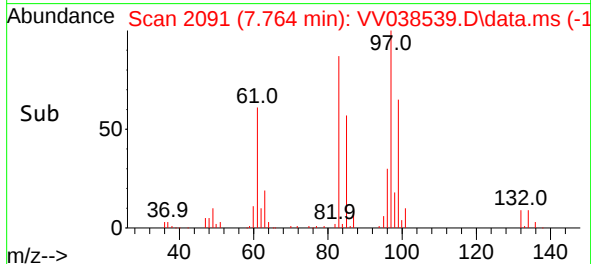
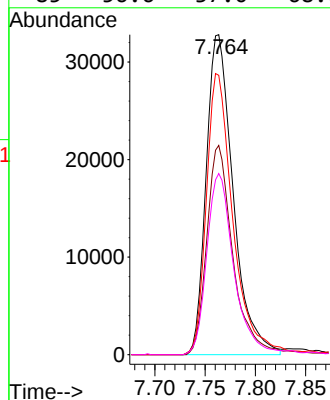
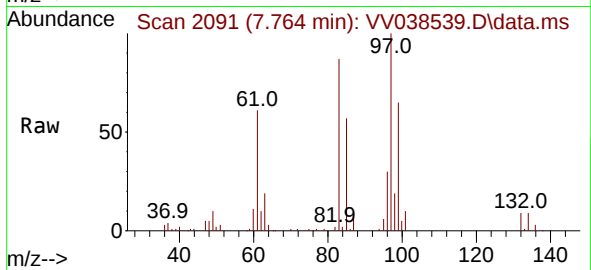




#45
1,1,2-Trichloroethane
Concen: 4.580 ug/L
RT: 7.764 min Scan# 2090
Delta R.T. 0.003 min
Lab File: VV038539.D
Acq: 24 Jan 2025 17:43

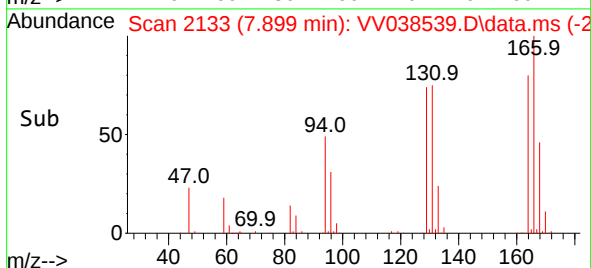
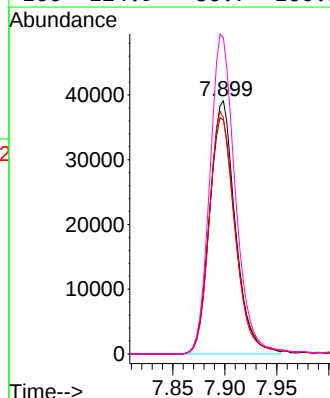
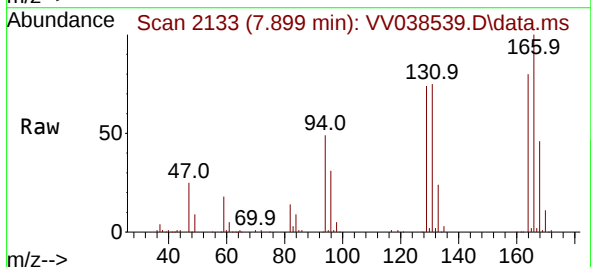
Instrument :
MSVOA_V
ClientSampleId :

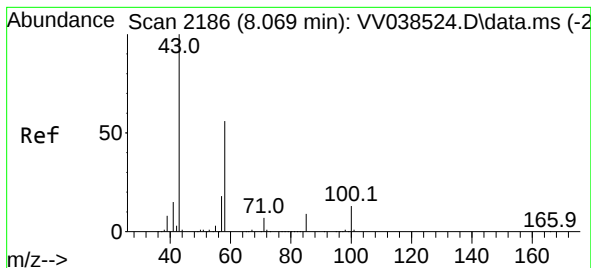
Tgt Ion: 97	Resp: 61238
Ion Ratio	Lower Upper
97 100	
99 65.4	42.3 78.5
83 87.3	59.4 110.4
85 56.6	37.0 68.6



#47
Tetrachloroethene
Concen: 4.602 ug/L
RT: 7.899 min Scan# 2133
Delta R.T. 0.003 min
Lab File: VV038539.D
Acq: 24 Jan 2025 17:43

Tgt	Ion:164	Resp:	66642
Ion	Ratio	Lower	Upper
164	100		
129	92.5	68.9	127.9
131	93.3	65.2	121.2
166	124.9	86.7	160.9





#48

2-Hexanone

Concen: 48.947 ug/L

RT: 8.072 min Scan# 2186

Delta R.T. 0.003 min

Lab File: VV038539.D

Acq: 24 Jan 2025 17:43

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 43 Resp: 340908

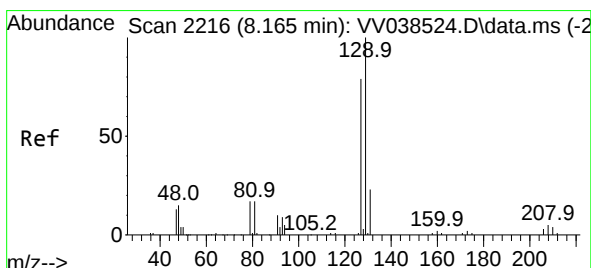
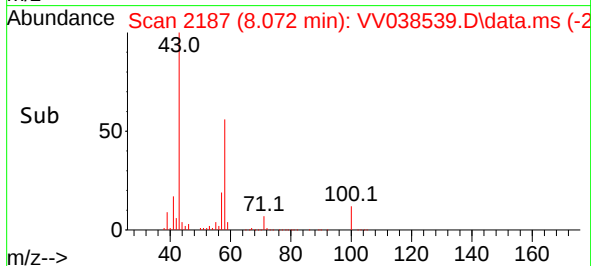
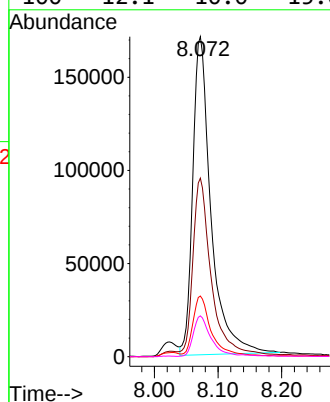
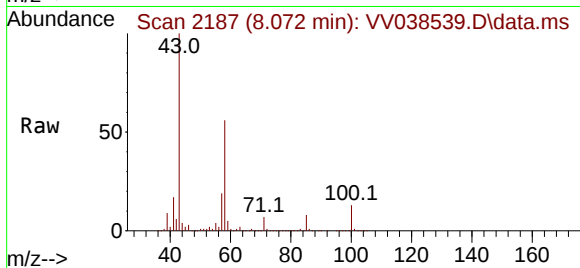
Ion Ratio Lower Upper

43 100

58 55.6 43.6 65.4

57 18.8 15.0 22.4

100 12.1 10.0 15.0



#49

Dibromochloromethane

Concen: 4.537 ug/L

RT: 8.169 min Scan# 2217

Delta R.T. 0.003 min

Lab File: VV038539.D

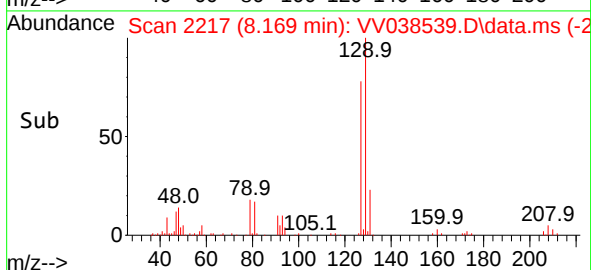
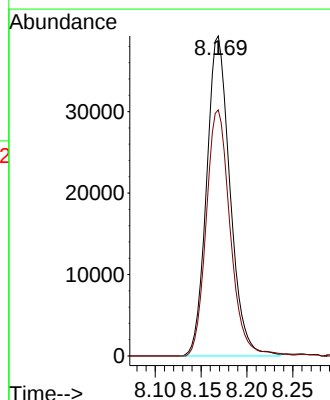
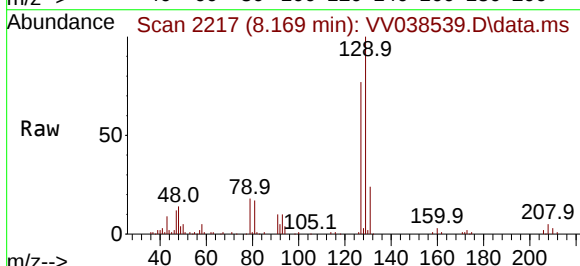
Acq: 24 Jan 2025 17:43

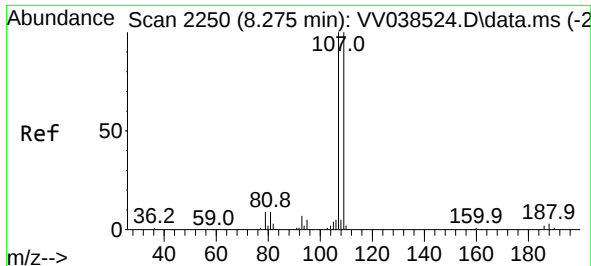
Tgt Ion:129 Resp: 69837

Ion Ratio Lower Upper

129 100

127 76.9 52.8 98.2





#50

1,2-Dibromoethane

Concen: 4.608 ug/L

RT: 8.278 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV038539.D

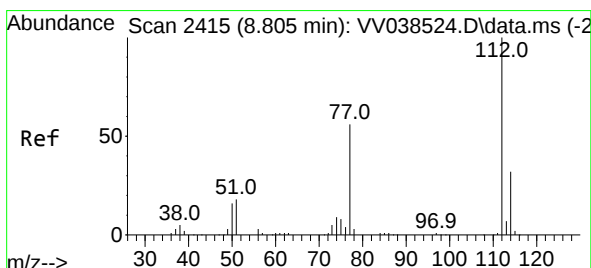
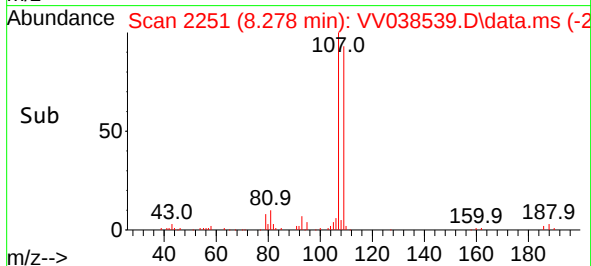
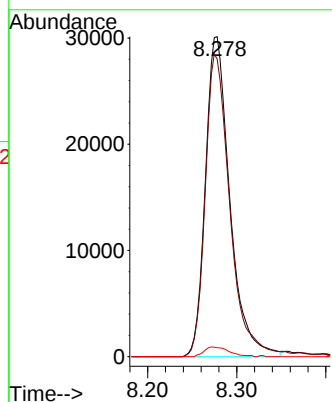
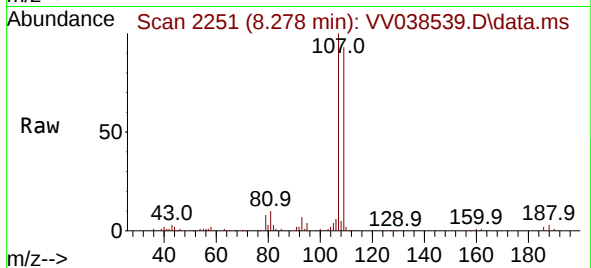
Acq: 24 Jan 2025 17:43

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	107	Resp:	57339
Ion	Ratio	Lower	Upper
107	100		
109	93.0	65.9	122.3
188	2.8	2.8	4.2#



#51

Chlorobenzene

Concen: 4.641 ug/L

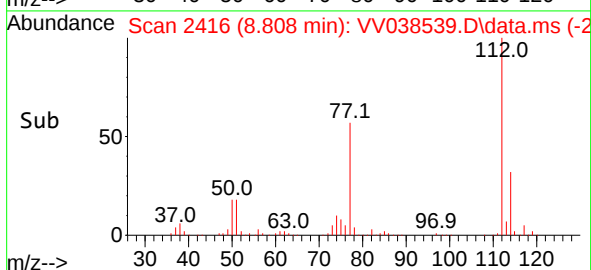
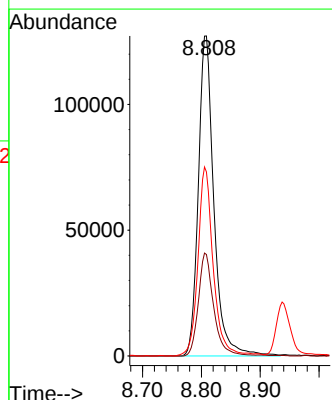
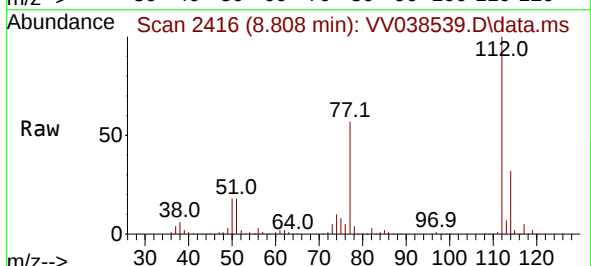
RT: 8.808 min Scan# 2416

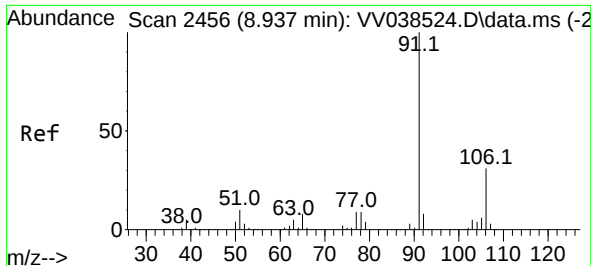
Delta R.T. 0.003 min

Lab File: VV038539.D

Acq: 24 Jan 2025 17:43

Tgt Ion:	112	Resp:	234342
Ion	Ratio	Lower	Upper
112	100		
114	31.7	22.9	42.5
77	57.5	46.1	69.1

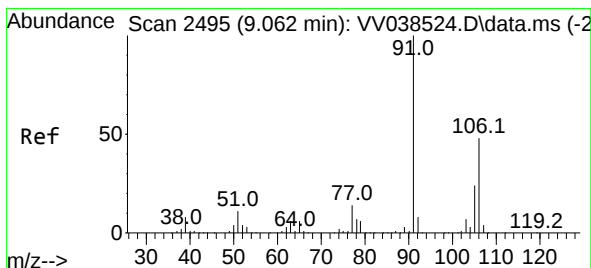
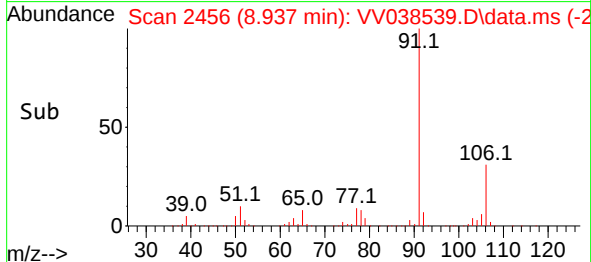
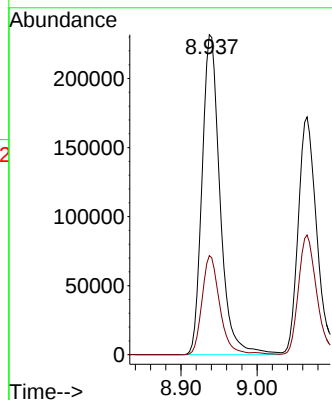
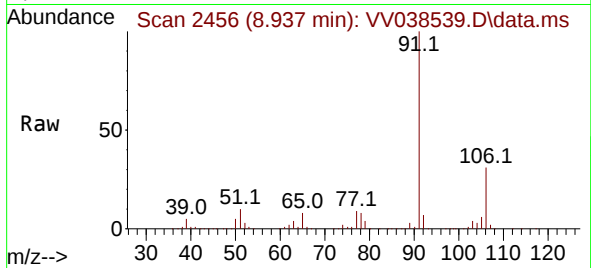




#52
Ethylbenzene
Concen: 4.712 ug/L
RT: 8.937 min Scan# 2456
Delta R.T. 0.000 min
Lab File: VV038539.D
Acq: 24 Jan 2025 17:43

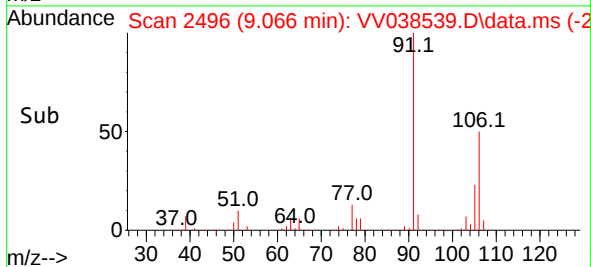
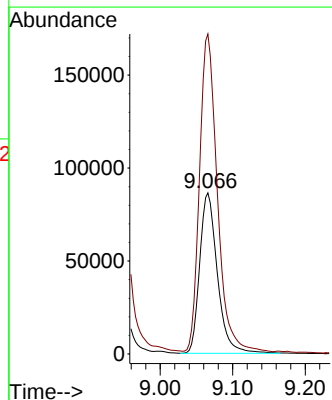
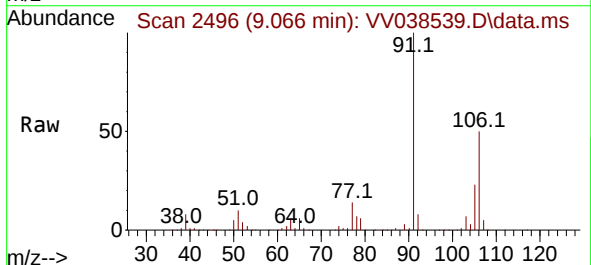
Instrument :
MSVOA_V
ClientSampleId :

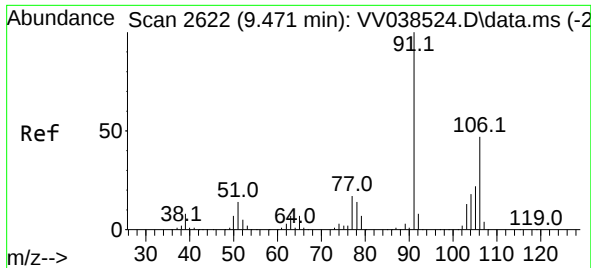
Tgt Ion: 91 Resp: 380289
Ion Ratio Lower Upper
91 100
106 31.0 22.0 40.8



#53
m,p-Xylene
Concen: 4.778 ug/L
RT: 9.066 min Scan# 2496
Delta R.T. 0.003 min
Lab File: VV038539.D
Acq: 24 Jan 2025 17:43

Tgt Ion: 106 Resp: 146172
Ion Ratio Lower Upper
106 100
91 198.6 148.2 275.2

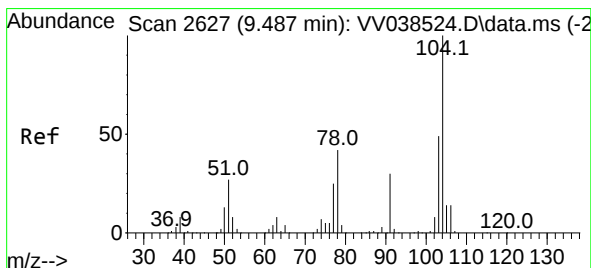
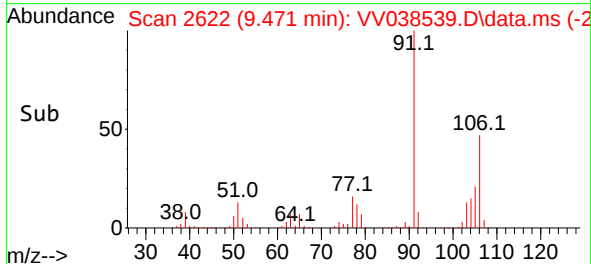
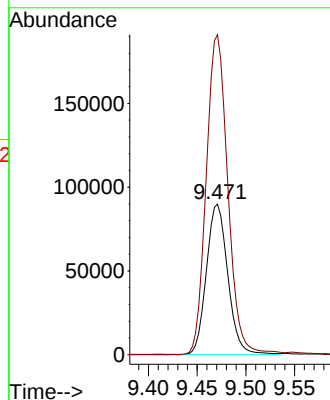
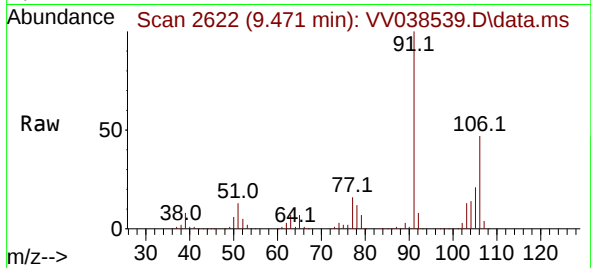




#54
o-Xylene
Concen: 4.729 ug/L
RT: 9.471 min Scan# 2622
Delta R.T. 0.000 min
Lab File: VV038539.D
Acq: 24 Jan 2025 17:43

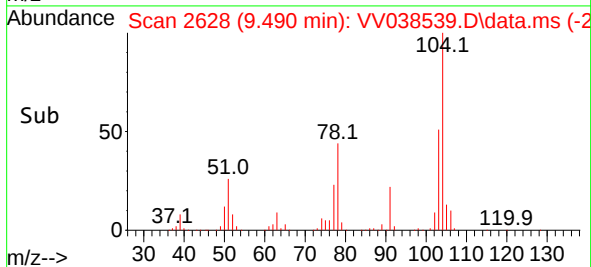
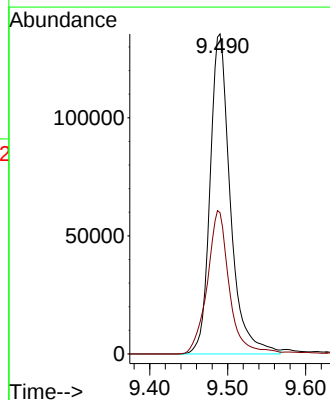
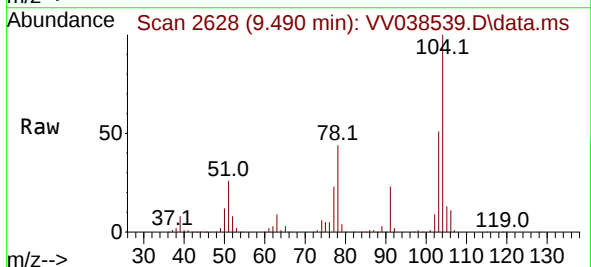
Instrument :
MSVOA_V
ClientSampleId :

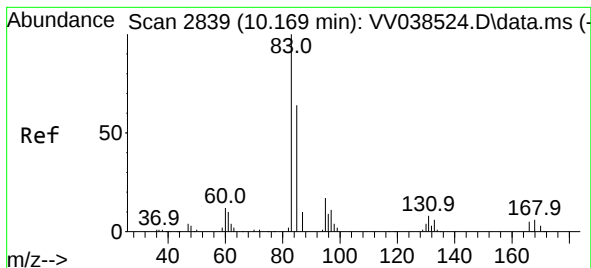
Tgt Ion:106 Resp: 137865
Ion Ratio Lower Upper
106 100
91 212.5 151.4 281.2



#55
Styrene
Concen: 4.822 ug/L
RT: 9.490 min Scan# 2628
Delta R.T. 0.003 min
Lab File: VV038539.D
Acq: 24 Jan 2025 17:43

Tgt Ion:104 Resp: 245138
Ion Ratio Lower Upper
104 100
78 44.2 30.8 57.2

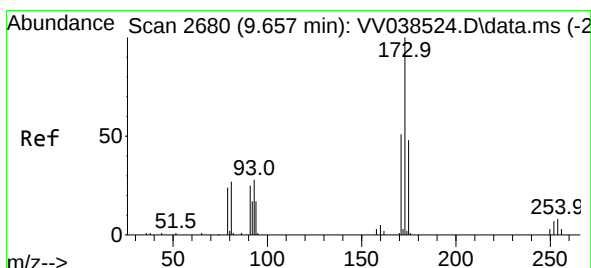
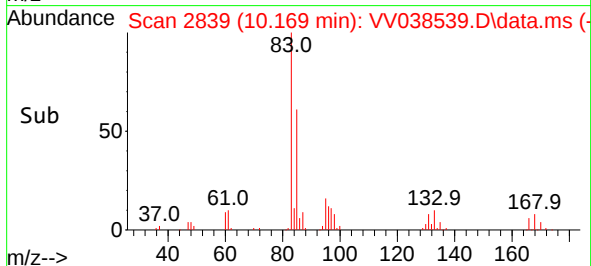
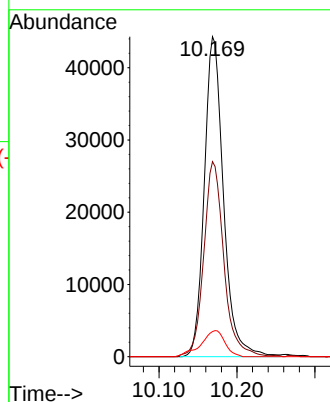
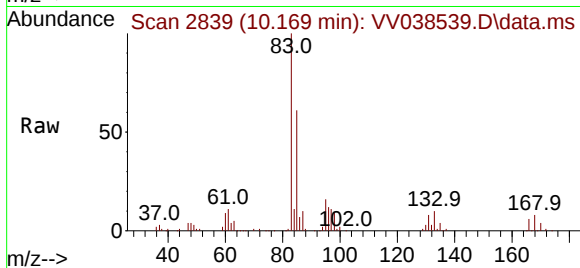




#57
 1,1,2,2-Tetrachloroethane
 Concen: 4.659 ug/L
 RT: 10.169 min Scan# 2839
 Delta R.T. 0.000 min
 Lab File: VV038539.D
 Acq: 24 Jan 2025 17:43

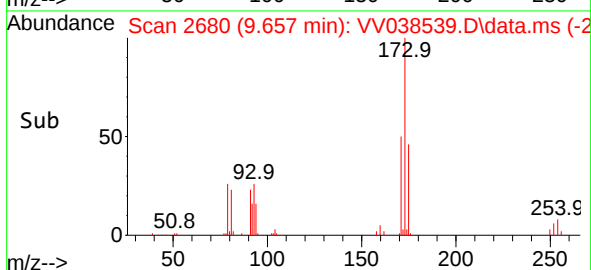
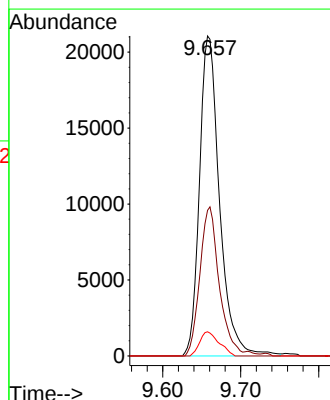
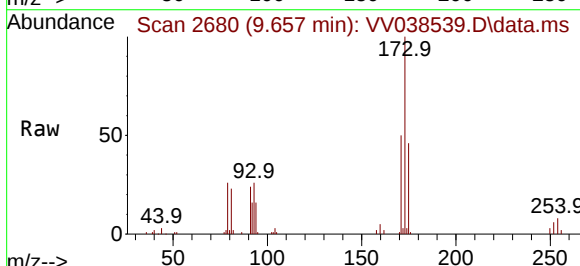
Instrument :
 MSVOA_V
 ClientSampleId :

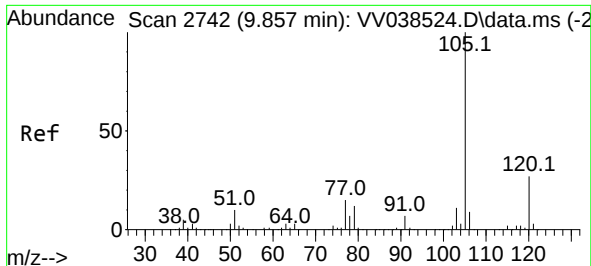
Tgt Ion: 83 Resp: 75861
 Ion Ratio Lower Upper
 83 100
 85 61.0 45.1 83.7
 131 7.9 7.5 11.3



#59
 Bromoform
 Concen: 4.438 ug/L
 RT: 9.657 min Scan# 2680
 Delta R.T. 0.000 min
 Lab File: VV038539.D
 Acq: 24 Jan 2025 17:43

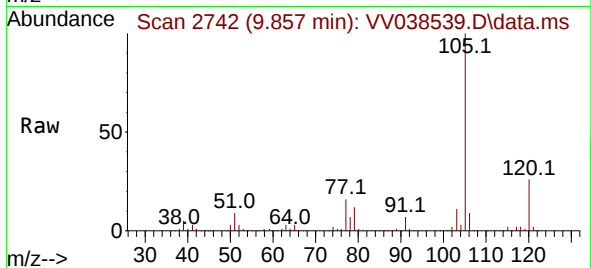
Tgt Ion: 173 Resp: 37643
 Ion Ratio Lower Upper
 173 100
 175 44.8 37.6 56.4
 254 7.3 5.6 8.4



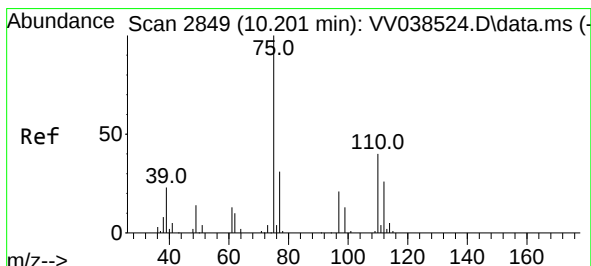
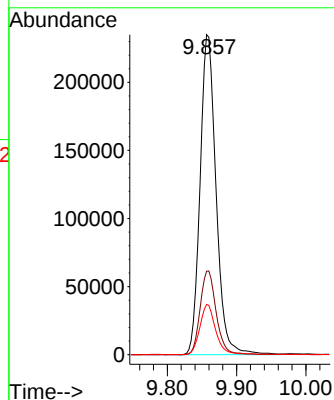
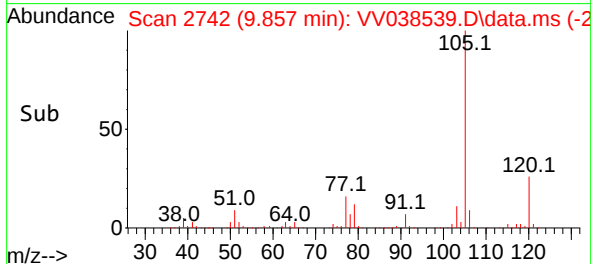


#60
Isopropylbenzene
Concen: 4.607 ug/L
RT: 9.857 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV038539.D
Acq: 24 Jan 2025 17:43

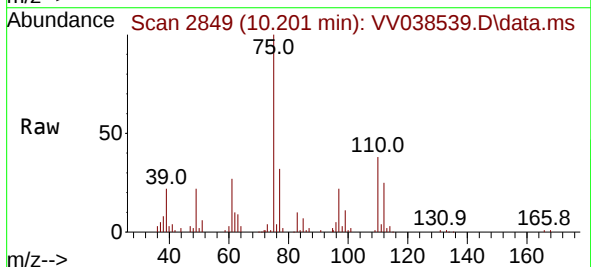
Instrument :
MSVOA_V
ClientSampleId :



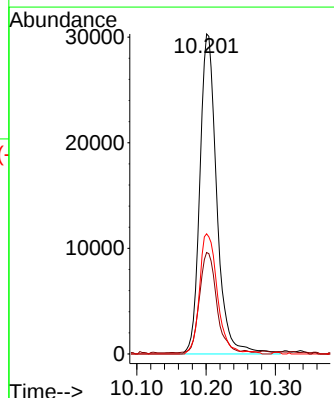
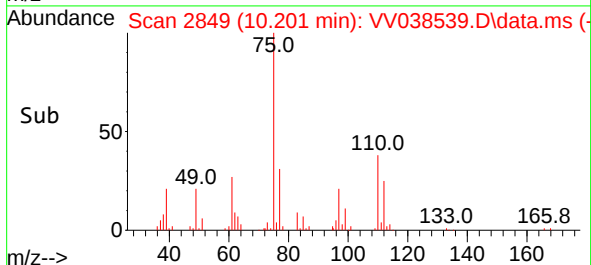
Tgt Ion:105 Resp: 376996
Ion Ratio Lower Upper
105 100
120 26.2 21.4 32.2
77 15.7 12.7 19.1

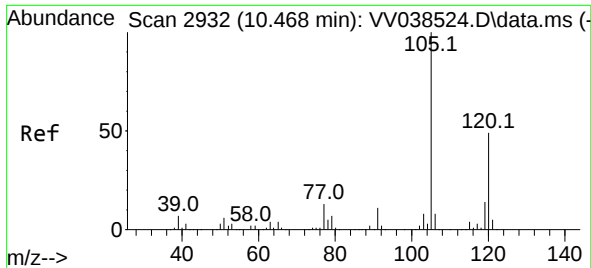


#61
1,2,3-Trichloropropane
Concen: 4.409 ug/L
RT: 10.201 min Scan# 2849
Delta R.T. 0.000 min
Lab File: VV038539.D
Acq: 24 Jan 2025 17:43



Tgt Ion: 75 Resp: 51512
Ion Ratio Lower Upper
75 100
77 31.5 25.4 38.0
110 39.3 32.6 48.8

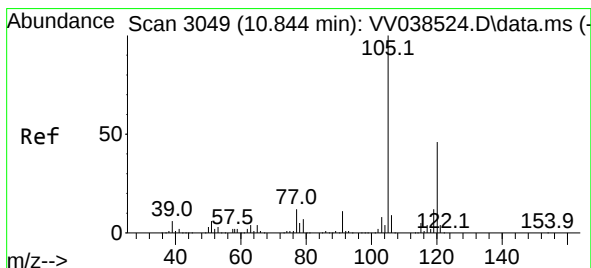
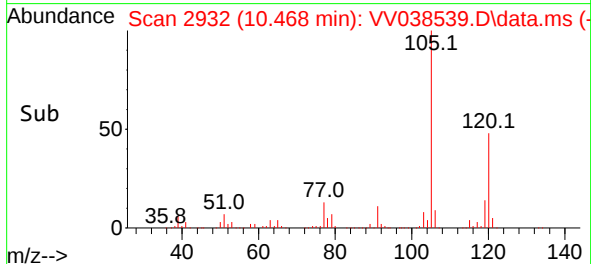
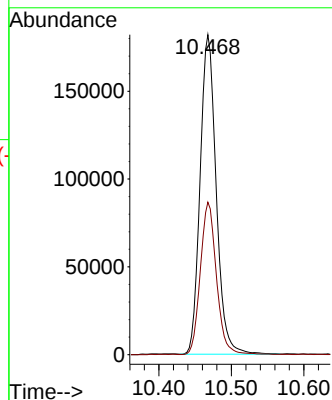
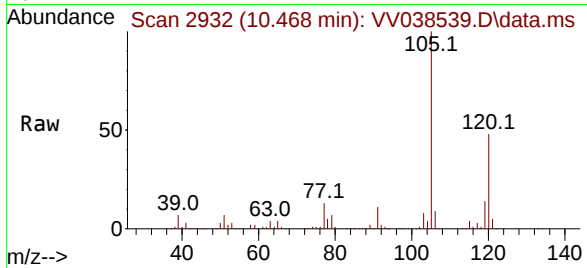




#62
1,3,5-Trimethylbenzene
Concen: 4.377 ug/L
RT: 10.468 min Scan# 2932
Delta R.T. 0.000 min
Lab File: VV038539.D
Acq: 24 Jan 2025 17:43

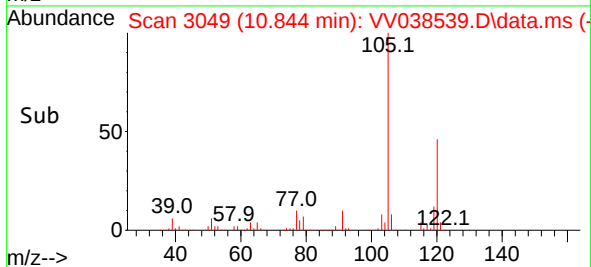
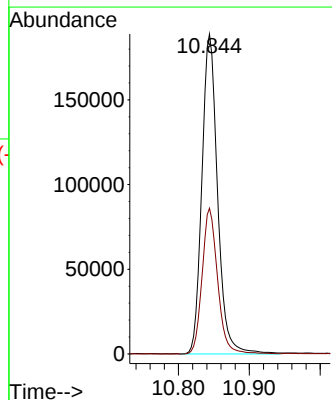
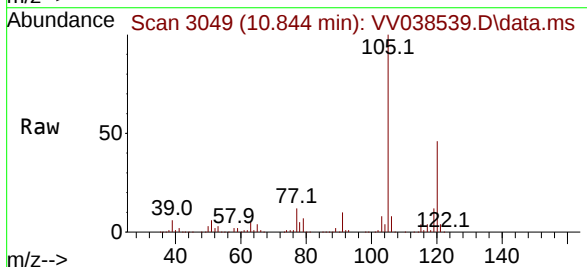
Instrument :
MSVOA_V
ClientSampleId :

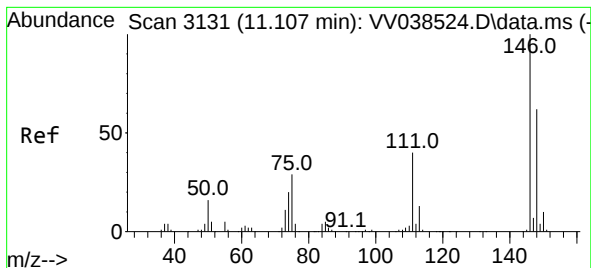
Tgt Ion:105 Resp: 280466
Ion Ratio Lower Upper
105 100
120 47.6 39.4 59.0



#63
1,2,4-Trimethylbenzene
Concen: 4.537 ug/L
RT: 10.844 min Scan# 3049
Delta R.T. 0.000 min
Lab File: VV038539.D
Acq: 24 Jan 2025 17:43

Tgt Ion:105 Resp: 290369
Ion Ratio Lower Upper
105 100
120 45.1 35.8 53.8





#64

1,3-Dichlorobenzene

Concen: 4.619 ug/L

RT: 11.107 min Scan# 3131

Delta R.T. 0.000 min

Lab File: VV038539.D

Acq: 24 Jan 2025 17:43

Instrument :

MSVOA_V

ClientSampleId :

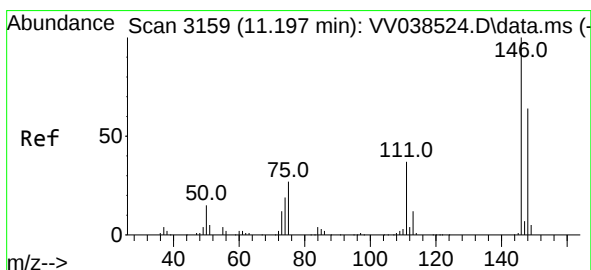
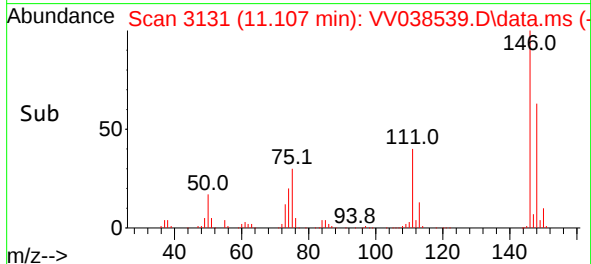
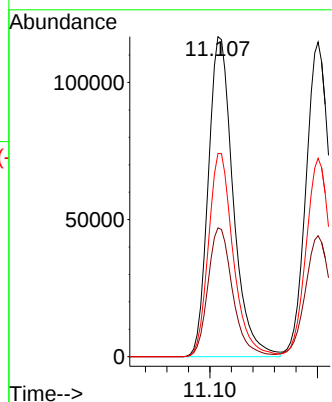
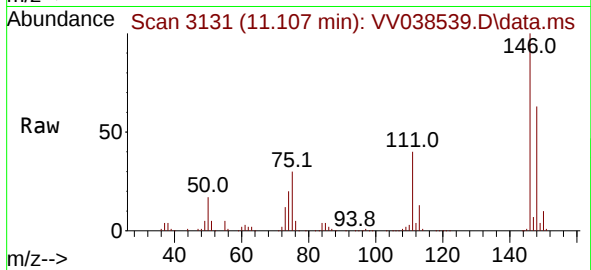
Tgt Ion:146 Resp: 187490

Ion Ratio Lower Upper

146 100

111 40.2 27.9 51.9

148 63.5 44.7 83.1



#65

1,4-Dichlorobenzene

Concen: 4.460 ug/L

RT: 11.201 min Scan# 3160

Delta R.T. 0.003 min

Lab File: VV038539.D

Acq: 24 Jan 2025 17:43

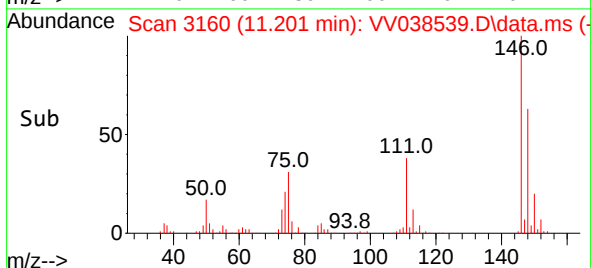
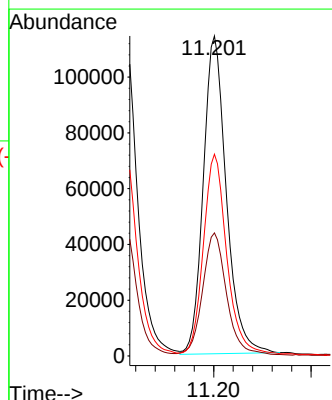
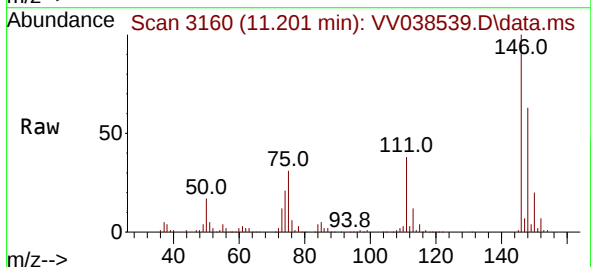
Tgt Ion:146 Resp: 187175

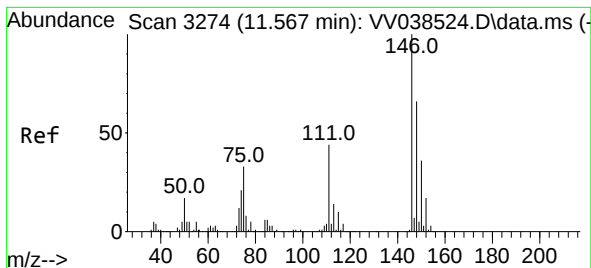
Ion Ratio Lower Upper

146 100

111 38.4 28.1 52.3

148 63.0 44.7 83.1





#67

1,2-Dichlorobenzene

Concen: 4.434 ug/L

RT: 11.570 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV038539.D

Acq: 24 Jan 2025 17:43

Instrument :

MSVOA_V

ClientSampleId :

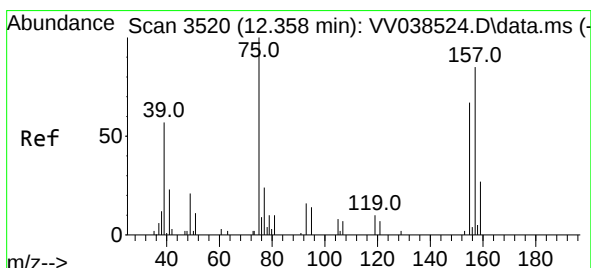
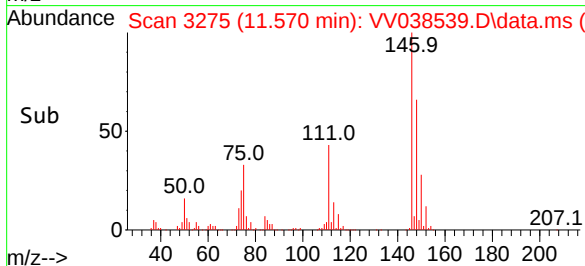
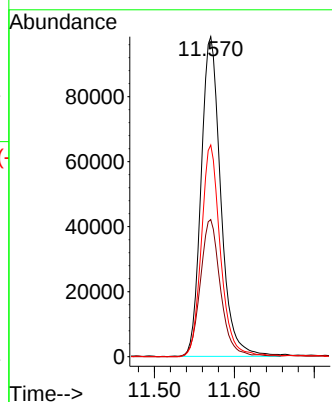
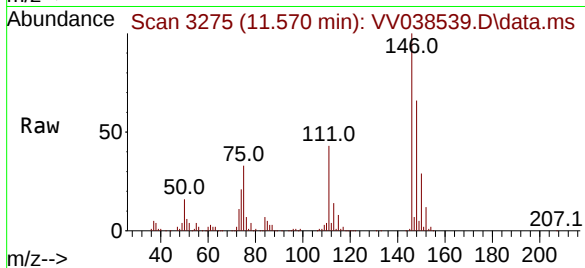
Tgt Ion:146 Resp: 168562

Ion Ratio Lower Upper

146 100

111 42.9 33.4 50.0

148 66.2 49.9 74.9



#68

1,2-Dibromo-3-chloropropane

Concen: 3.920 ug/L

RT: 12.358 min Scan# 3520

Delta R.T. 0.000 min

Lab File: VV038539.D

Acq: 24 Jan 2025 17:43

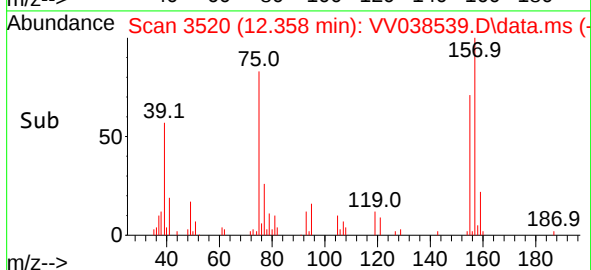
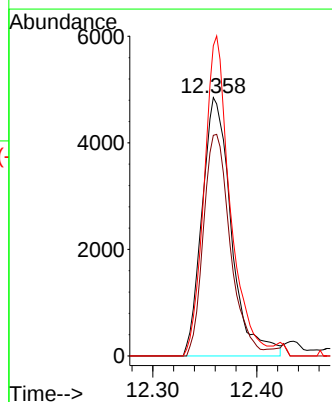
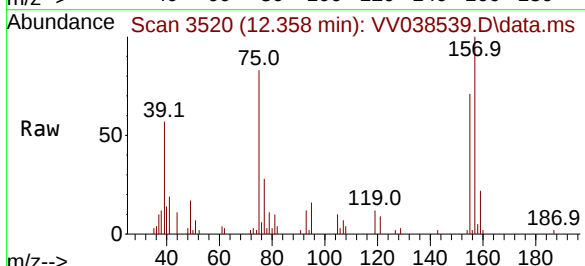
Tgt Ion: 75 Resp: 9468

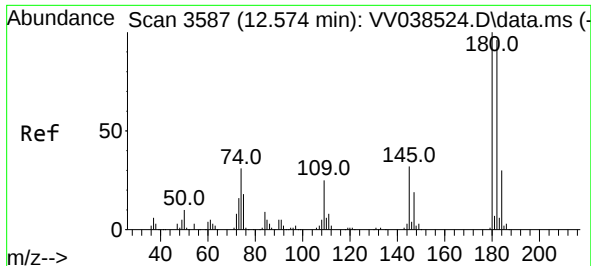
Ion Ratio Lower Upper

75 100

155 85.4 56.7 85.1#

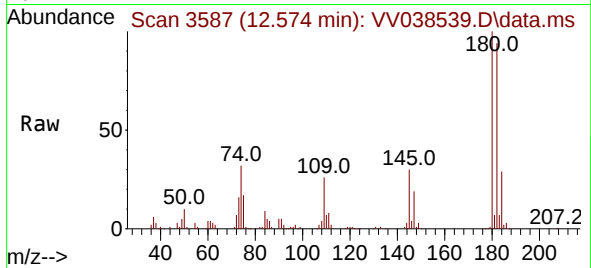
157 120.1 74.4 111.6#



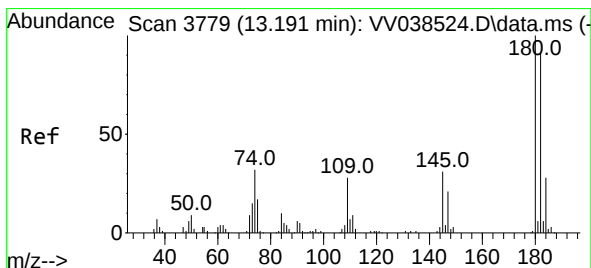
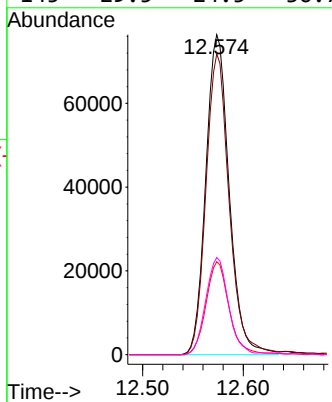
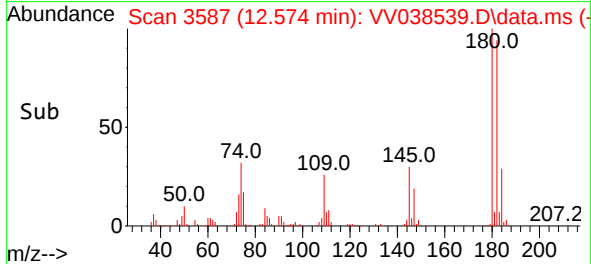


#69
 1,3,5-Trichlorobenzene
 Concen: 4.412 ug/L
 RT: 12.574 min Scan# 3587
 Delta R.T. 0.000 min
 Lab File: VV038539.D
 Acq: 24 Jan 2025 17:43

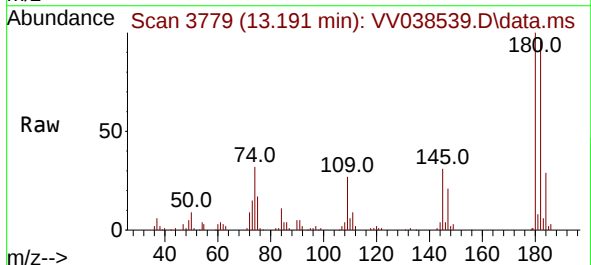
Instrument :
 MSVOA_V
 ClientSampleId :



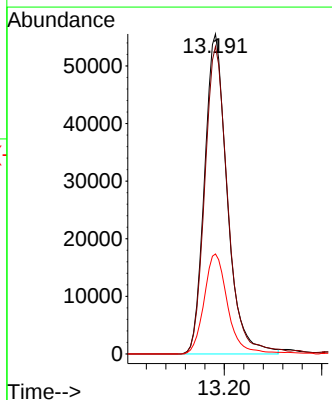
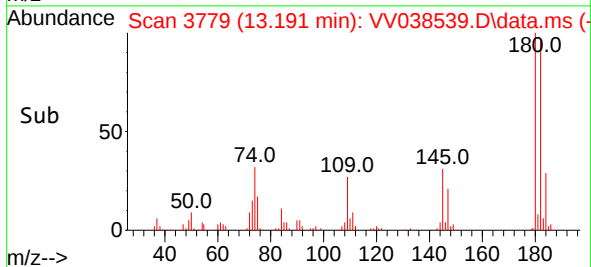
Tgt Ion:180 Resp: 123192
 Ion Ratio Lower Upper
 180 100
 182 93.5 74.3 111.5
 184 28.9 23.2 34.8
 145 29.5 24.5 36.7

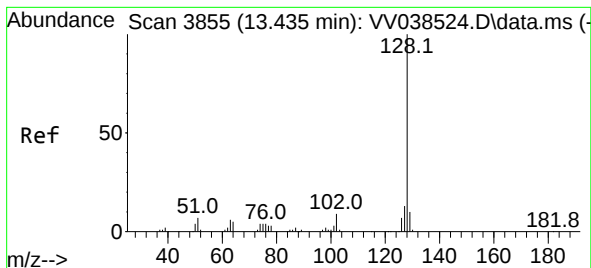


#70
 1,2,4-trichlorobenzene
 Concen: 4.322 ug/L
 RT: 13.191 min Scan# 3779
 Delta R.T. 0.000 min
 Lab File: VV038539.D
 Acq: 24 Jan 2025 17:43



Tgt Ion:180 Resp: 89698
 Ion Ratio Lower Upper
 180 100
 182 97.5 77.5 116.3
 145 32.8 26.2 39.4





#71

Naphthalene

Concen: 3.494 ug/L

RT: 13.435 min Scan# 3855

Delta R.T. 0.000 min

Lab File: VV038539.D

Acq: 24 Jan 2025 17:43

Instrument :

MSVOA_V

ClientSampleId :

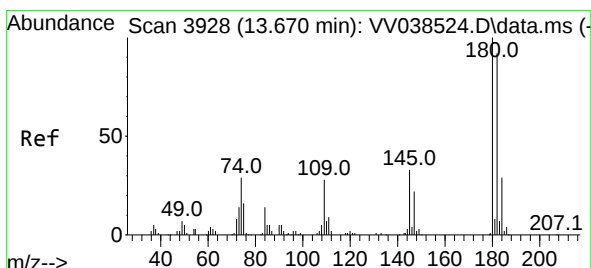
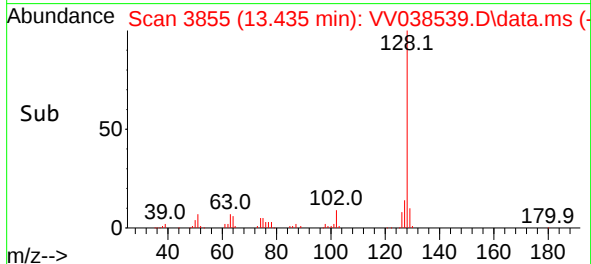
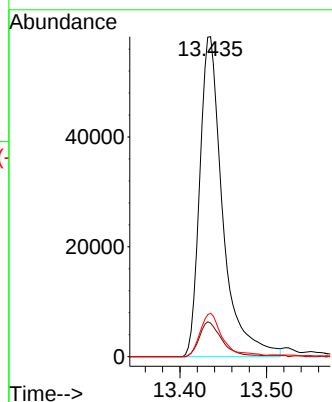
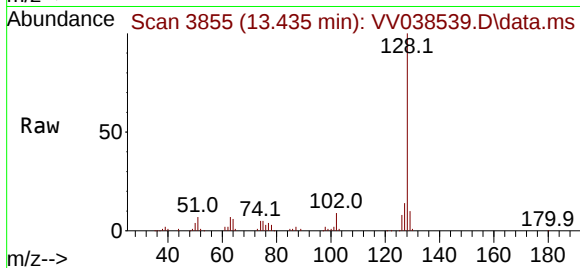
Tgt Ion:128 Resp: 107414

Ion Ratio Lower Upper

128 100

129 10.7 8.3 12.5

127 13.3 11.0 16.6



#72

1,2,3-Trichlorobenzene

Concen: 4.312 ug/L

RT: 13.670 min Scan# 3928

Delta R.T. 0.000 min

Lab File: VV038539.D

Acq: 24 Jan 2025 17:43

Tgt Ion:180 Resp: 77368

Ion Ratio Lower Upper

180 100

182 96.0 77.0 115.6

145 33.0 27.1 40.7

