

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VW012125\
 Data File : VW038494.D
 Acq On : 21 Jan 2025 19:25
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 22 02:59:05 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	5.526	114	233247	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	241153	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.175	152	127498	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	78020	4.056	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.200%
7) Chloroethane-d5	1.532	69	72152	4.467	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.400%
11) 1,1-Dichloroethene-d2	2.056	65	35448	4.090	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.800%
20) 2-Butanone-d5	3.809	46	196407	48.549	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.100%
24) Chloroform-d	4.240	84	167849	4.656	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.200%
26) 1,2-Dichloroethane-d4	4.937	65	74967	4.538	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.800%
32) Benzene-d6	4.950	84	312200	4.700	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.000%
36) 1,2-Dichloropropane-d6	5.982	67	93814	4.647	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.000%
41) Toluene-d8	7.233	98	282109	4.729	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.600%
43) trans-1,3-Dichloroprop...	7.551	79	33358	4.517	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.400%
46) 2-Hexanone-d5	8.021	63	132052	45.324	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.640%
56) 1,1,2,2-Tetrachloroeth...	10.143	84	79045	4.939	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.800%
66) 1,2-Dichlorobenzene-d4	11.551	152	98725	4.575	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	125922	4.820	ug/L	100
3) Chloromethane	1.214	50	131324	4.912	ug/L	99
5) Vinyl chloride	1.281	62	134717	4.988	ug/L	96
6) Bromomethane	1.487	94	66515	4.923	ug/L	98
8) Chloroethane	1.548	64	80222	4.957	ug/L	99
9) Trichlorofluoromethane	1.712	101	171400	4.986	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	97855	4.980	ug/L	99
12) 1,1-Dichloroethene	2.066	96	92161	4.765	ug/L	96
13) Acetone	2.146	43	142938	45.409	ug/L	100
14) Carbon disulfide	2.236	76	315417	4.854	ug/L	99
15) Methyl Acetate	2.384	43	36111	4.490	ug/L	92
16) Methylene chloride	2.442	84	101860	4.752	ug/L	97
17) Methyl tert-butyl Ether	2.696	73	192069	4.720	ug/L	99
18) trans-1,2-Dichloroethene	2.690	96	98507	4.954	ug/L	96
19) 1,1-Dichloroethane	3.105	63	189446	5.006	ug/L	98
21) 2-Butanone	3.886	43	216112	48.399	ug/L	99
22) cis-1,2-Dichloroethene	3.805	96	98911	4.892	ug/L	95
23) Bromochloromethane	4.143	128	45021	4.894	ug/L	98
25) Chloroform	4.265	83	186979	4.998	ug/L	98

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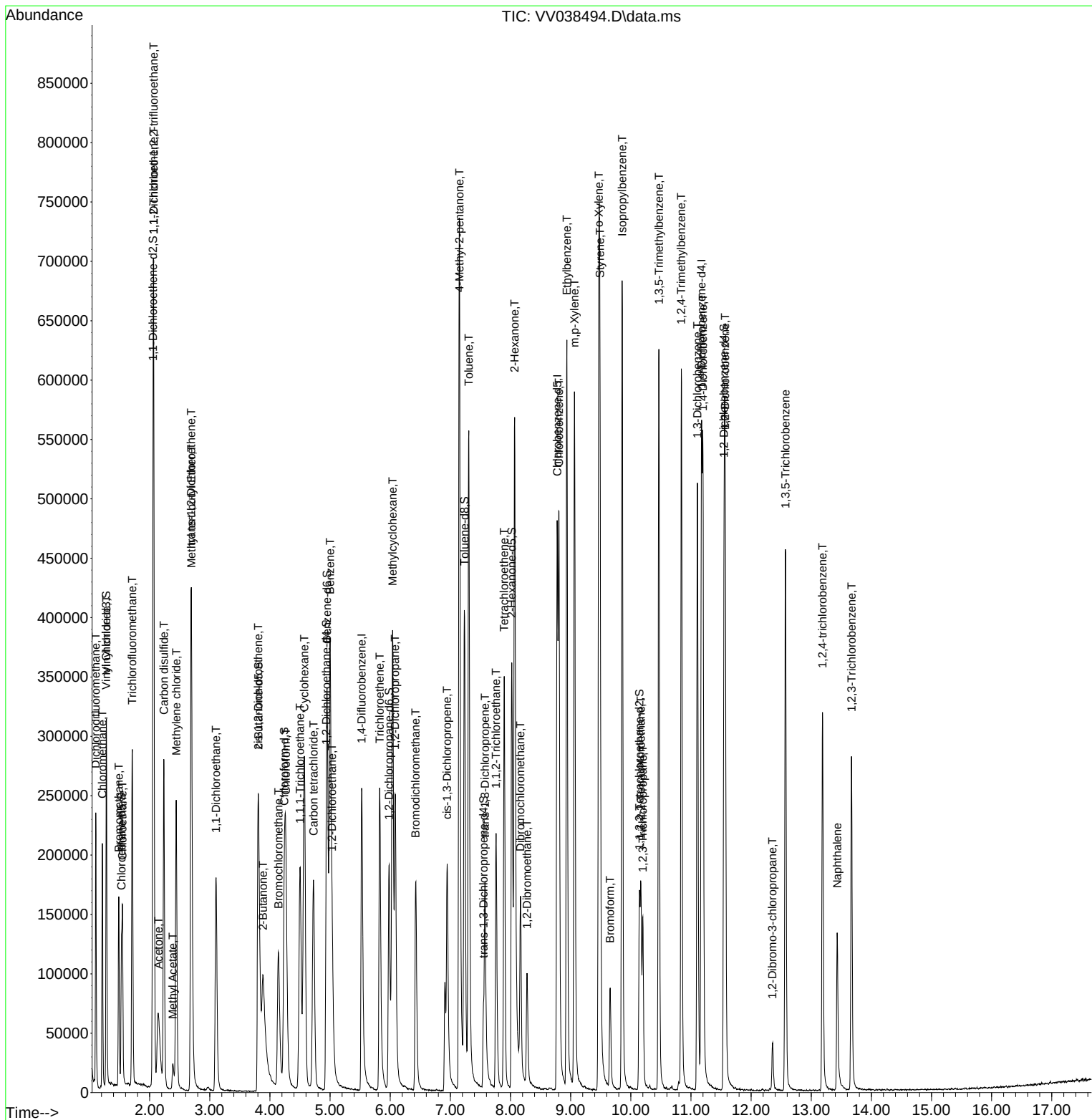
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 ClientSampleId :

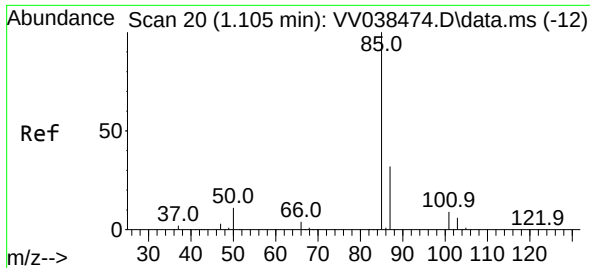
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 Quant Title : TRACE VOA SFAM1.0
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.034	62	105881	5.089	ug/L	98
29) 1,1,1-Trichloroethane	4.500	97	160648	5.011	ug/L	96
30) Cyclohexane	4.571	56	149278	5.112	ug/L	98
31) Carbon tetrachloride	4.725	117	139952	4.939	ug/L	100
33) Benzene	5.002	78	407276	5.319	ug/L	100
34) Trichloroethene	5.825	95	101282	5.089	ug/L	98
35) Methylcyclohexane	6.040	83	153028	5.045	ug/L	97
37) 1,2-Dichloropropane	6.082	63	102752	5.196	ug/L	99
38) Bromodichloromethane	6.423	83	128298	5.002	ug/L	100
39) cis-1,3-Dichloropropene	6.947	75	132593	4.864	ug/L	98
40) 4-Methyl-2-pentanone	7.149	43	532026	51.996	ug/L	99
42) Toluene	7.307	91	424862	5.324	ug/L	100
44) trans-1,3-Dichloropropene	7.577	75	114264	4.947	ug/L	97
45) 1,1,2-Trichloroethane	7.760	97	70969	4.989	ug/L	98
47) Tetrachloroethene	7.895	164	74572	4.841	ug/L	95
48) 2-Hexanone	8.069	43	390614	52.725	ug/L	97
49) Dibromochloromethane	8.165	129	78562	4.798	ug/L	98
50) 1,2-Dibromoethane	8.275	107	66253	5.006	ug/L	99
51) Chlorobenzene	8.805	112	267719	4.985	ug/L	99
52) Ethylbenzene	8.937	91	441065	5.138	ug/L	98
53) m,p-Xylene	9.062	106	168830	5.188	ug/L	94
54) o-Xylene	9.468	106	159568	5.146	ug/L	99
55) Styrene	9.487	104	285164	5.274	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.169	83	87669	5.061	ug/L	99
59) Bromoform	9.657	173	38110	4.286	ug/L	97
60) Isopropylbenzene	9.857	105	435416	5.075	ug/L	99
61) 1,2,3-Trichloropropane	10.201	75	57541	4.697	ug/L	96
62) 1,3,5-Trimethylbenzene	10.468	105	328282	4.886	ug/L	99
63) 1,2,4-Trimethylbenzene	10.841	105	334472	4.985	ug/L	100
64) 1,3-Dichlorobenzene	11.107	146	210799	4.953	ug/L	98
65) 1,4-Dichlorobenzene	11.201	146	212284	4.824	ug/L	99
67) 1,2-Dichlorobenzene	11.570	146	194083	4.870	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.355	75	11798	4.660	ug/L	89
69) 1,3,5-Trichlorobenzene	12.574	180	138608	4.735	ug/L	100
70) 1,2,4-trichlorobenzene	13.188	180	96098	4.417	ug/L	99
71) Naphthalene	13.432	128	112591	3.493	ug/L	97
72) 1,2,3-Trichlorobenzene	13.670	180	81369	4.326	ug/L	98

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

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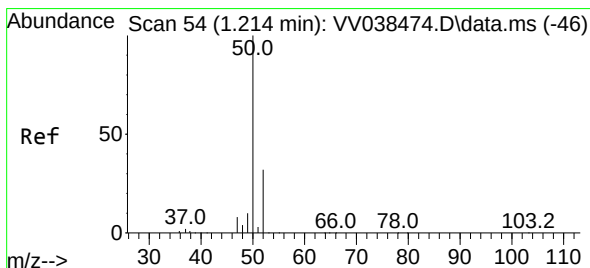
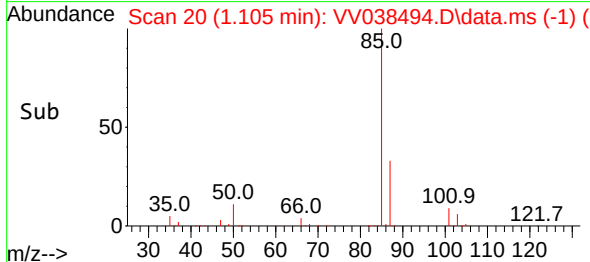
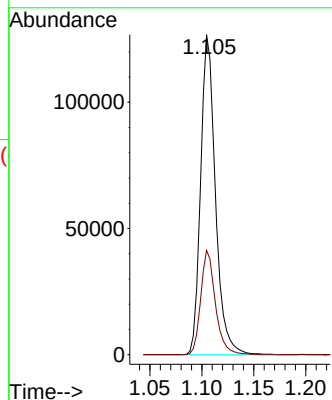
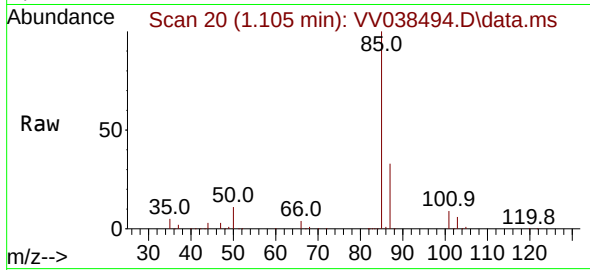




#2
 Dichlorodifluoromethane
 Concen: 4.820 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VV038494.D
 Acq: 21 Jan 2025 19:25

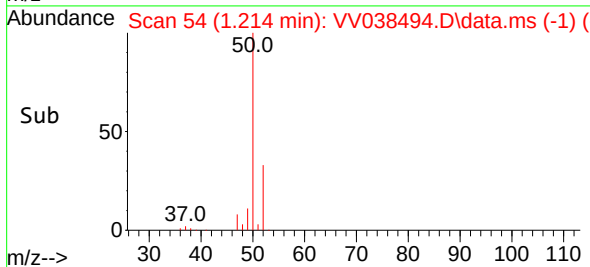
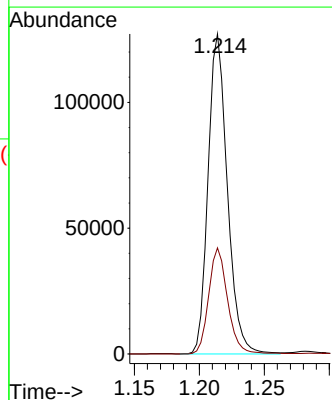
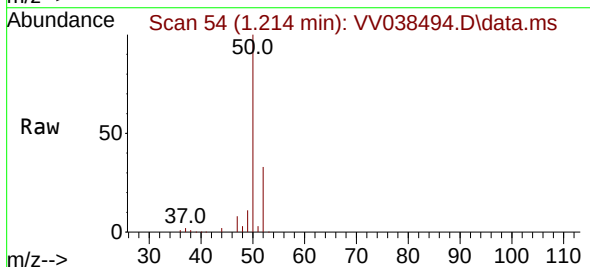
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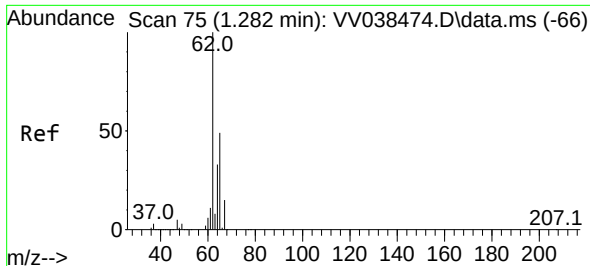
Tgt Ion: 85 Resp: 125922
 Ion Ratio Lower Upper
 85 100
 87 32.2 26.0 39.0



#3
 Chloromethane
 Concen: 4.912 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. -0.000 min
 Lab File: VV038494.D
 Acq: 21 Jan 2025 19:25

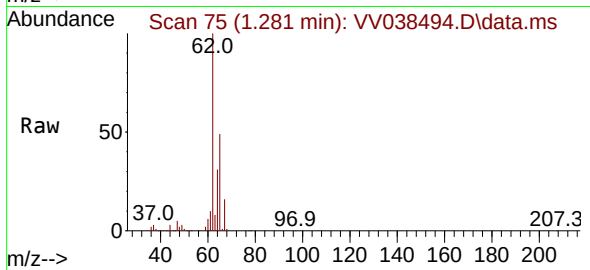
Tgt Ion: 50 Resp: 131324
 Ion Ratio Lower Upper
 50 100
 52 33.1 23.0 42.6



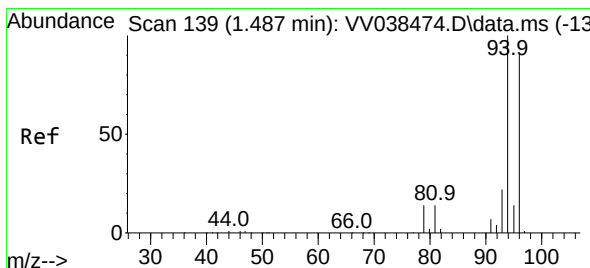
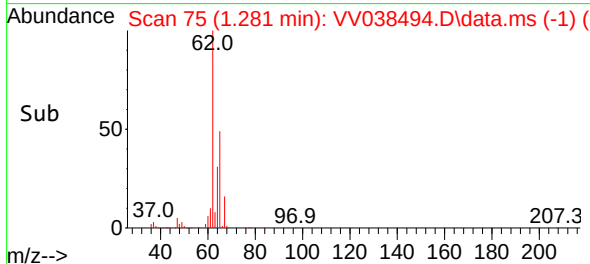
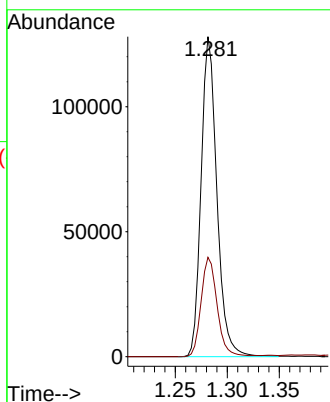


#5
 Vinyl chloride
 Concen: 4.988 ug/L
 RT: 1.281 min Scan# 75
 Delta R.T. -0.000 min
 Lab File: VV038494.D
 Acq: 21 Jan 2025 19:25

Instrument :
 MSVOA_V
 ClientSampleId :

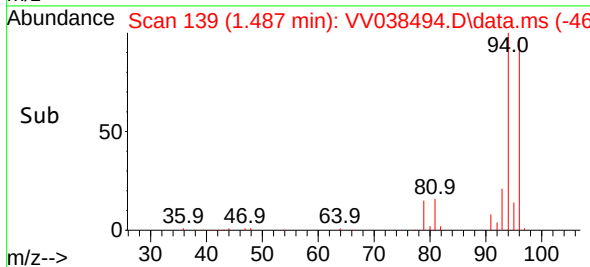
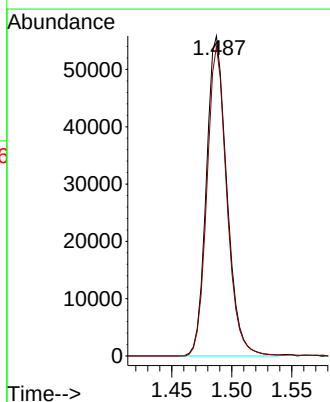
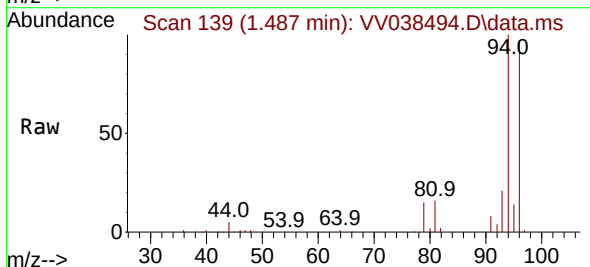


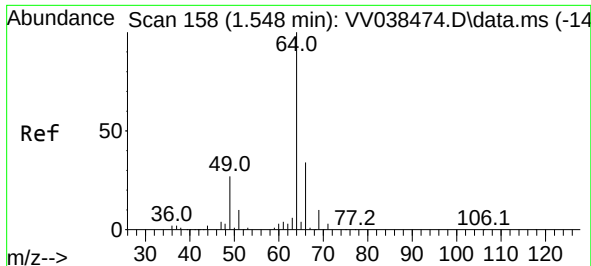
Tgt Ion: 62 Resp: 134717
 Ion Ratio Lower Upper
 62 100
 64 31.1 23.5 43.7



#6
 Bromomethane
 Concen: 4.923 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. -0.000 min
 Lab File: VV038494.D
 Acq: 21 Jan 2025 19:25

Tgt Ion: 94 Resp: 66515
 Ion Ratio Lower Upper
 94 100
 96 96.7 68.9 127.9

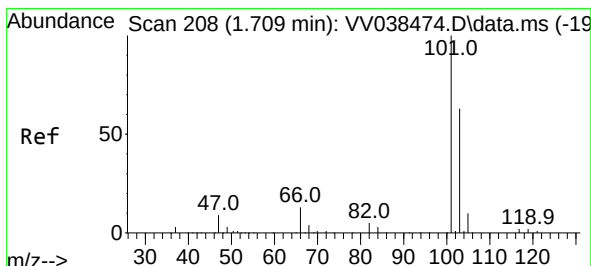
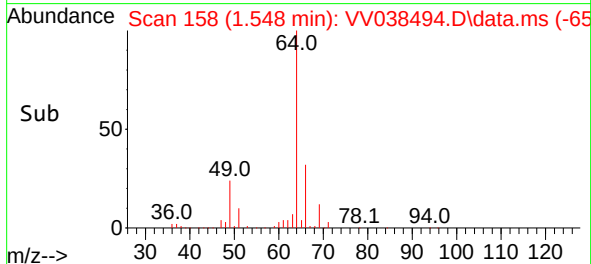
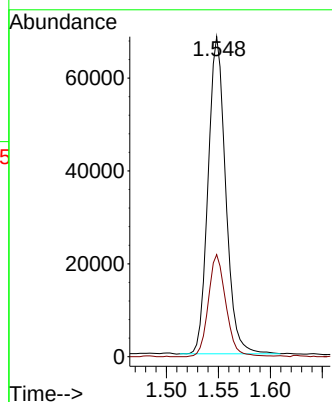
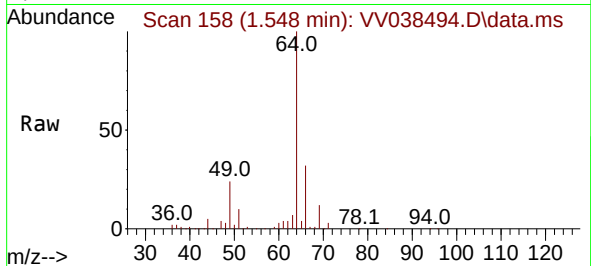




#8
Chloroethane
Concen: 4.957 ug/L
RT: 1.548 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV038494.D
Acq: 21 Jan 2025 19:25

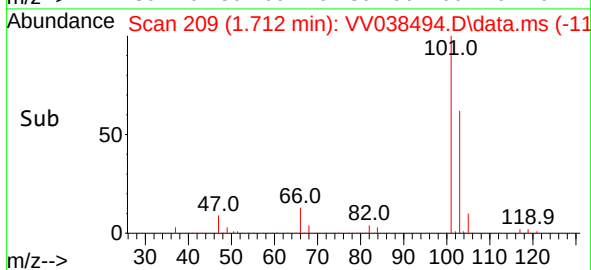
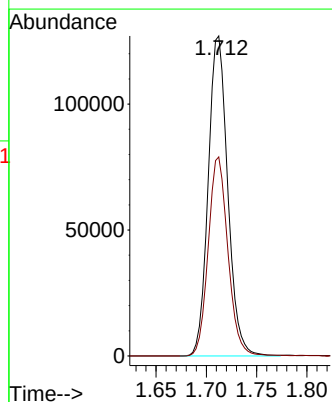
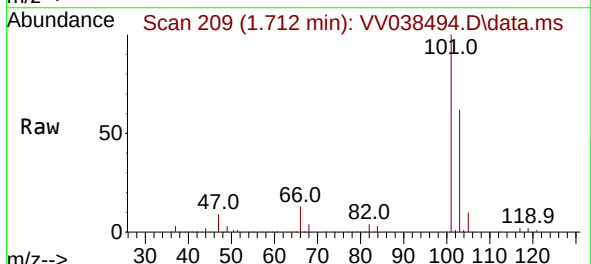
Instrument :
MSVOA_V
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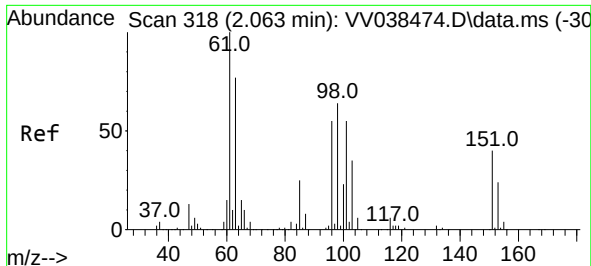
Tgt Ion: 64 Resp: 80222
Ion Ratio Lower Upper
64 100
66 31.9 22.7 42.1



#9
Trichlorofluoromethane
Concen: 4.986 ug/L
RT: 1.712 min Scan# 209
Delta R.T. 0.003 min
Lab File: VV038494.D
Acq: 21 Jan 2025 19:25

Tgt Ion:101 Resp: 171400
Ion Ratio Lower Upper
101 100
103 62.8 51.5 77.3

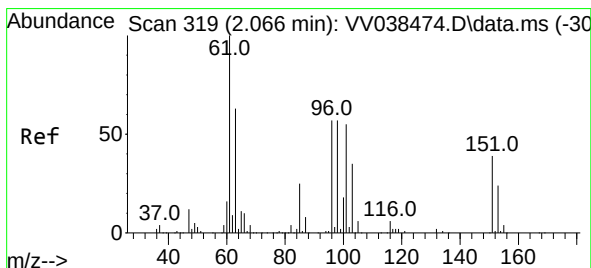
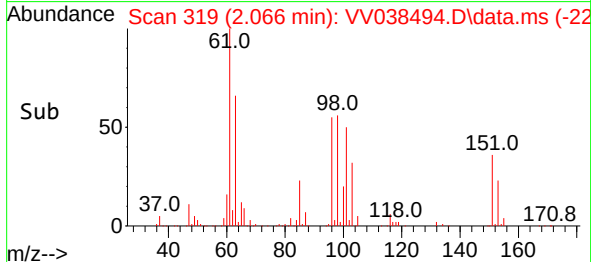
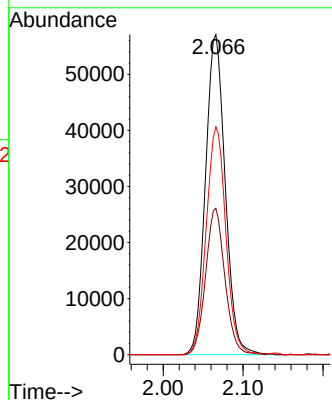
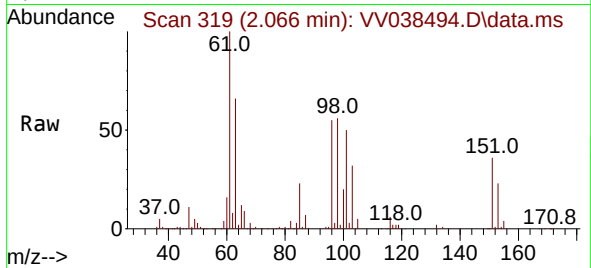




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.980 ug/L
 RT: 2.066 min Scan# 318
 Delta R.T. 0.003 min
 Lab File: VV038494.D
 Acq: 21 Jan 2025 19:25

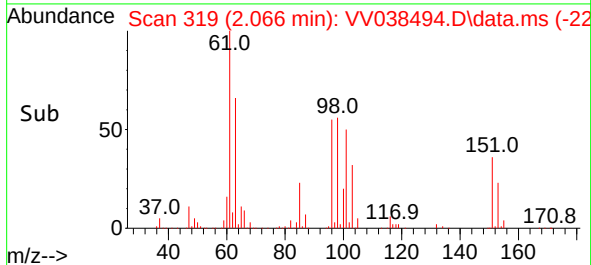
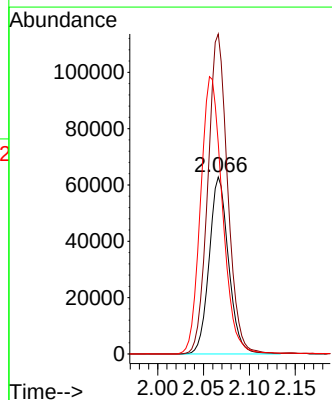
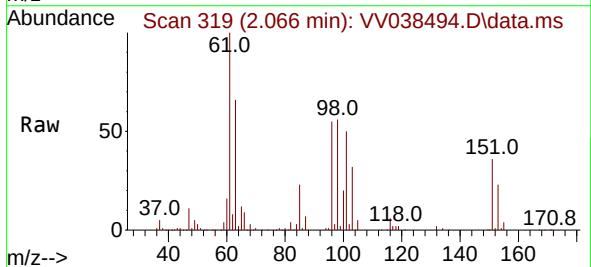
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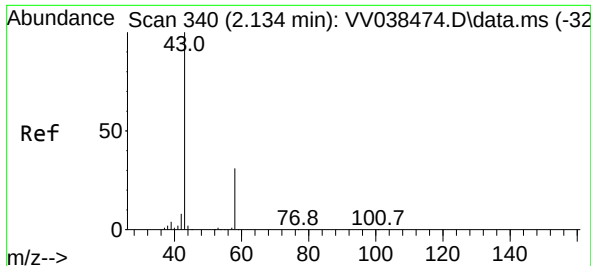
Tgt Ion:101 Resp: 97855
 Ion Ratio Lower Upper
 101 100
 85 44.8 35.2 52.8
 151 71.1 56.6 85.0



#12
 1,1-Dichloroethene
 Concen: 4.765 ug/L
 RT: 2.066 min Scan# 319
 Delta R.T. -0.000 min
 Lab File: VV038494.D
 Acq: 21 Jan 2025 19:25

Tgt Ion: 96 Resp: 92161
 Ion Ratio Lower Upper
 96 100
 61 180.8 122.2 227.0
 63 118.9 86.2 160.0





#13

Acetone

Concen: 45.409 ug/L

RT: 2.146 min Scan# 34

Delta R.T. 0.013 min

Lab File: VV038494.D

Acq: 21 Jan 2025 19:25

Instrument :

MSVOA_V

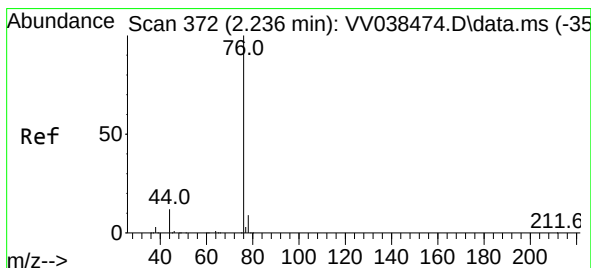
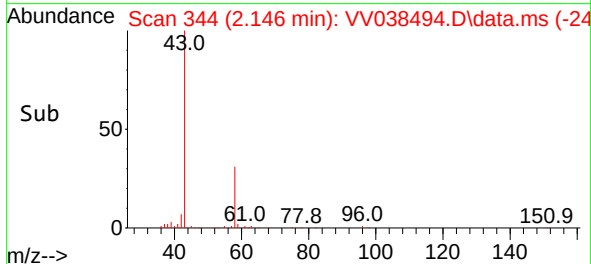
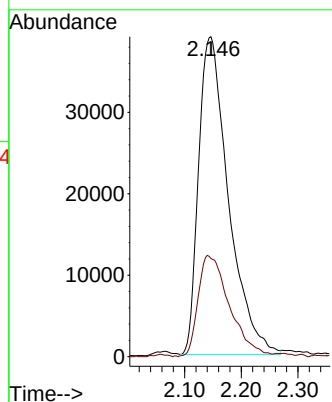
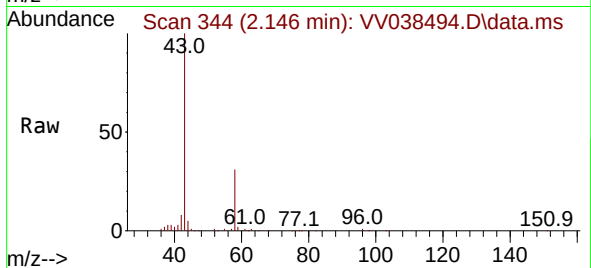
ClientSampleId :

Tgt Ion: 43 Resp: 142938

Ion Ratio Lower Upper

43 100

58 33.4 0.0 67.2



#14

Carbon disulfide

Concen: 4.854 ug/L

RT: 2.236 min Scan# 372

Delta R.T. -0.000 min

Lab File: VV038494.D

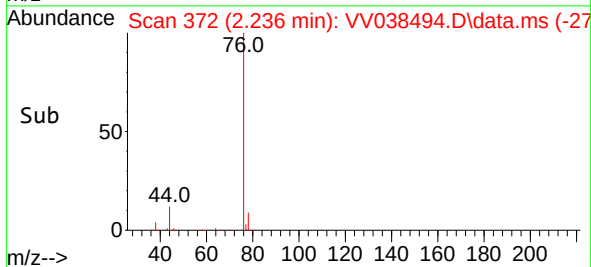
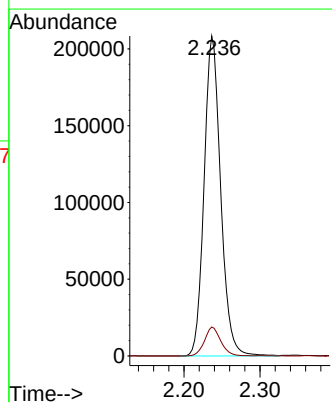
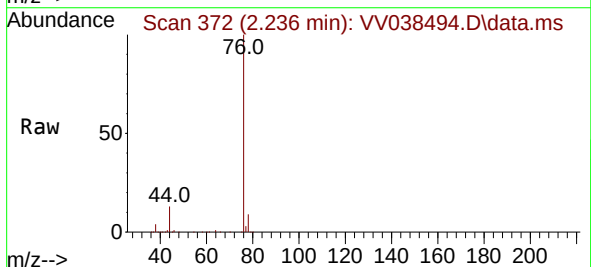
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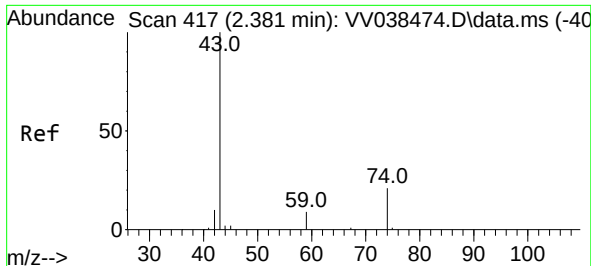
Tgt Ion: 76 Resp: 315417

Ion Ratio Lower Upper

76 100

78 9.0 7.6 11.4

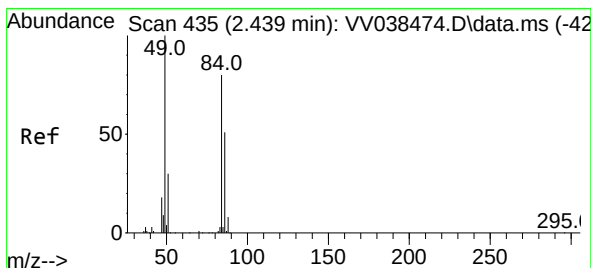
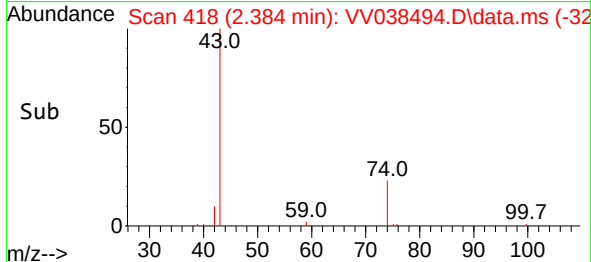
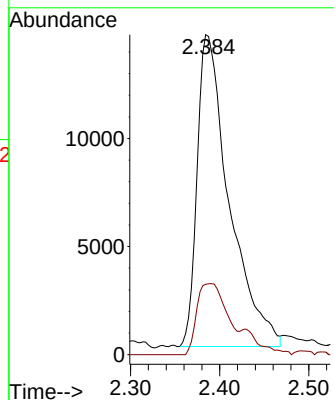
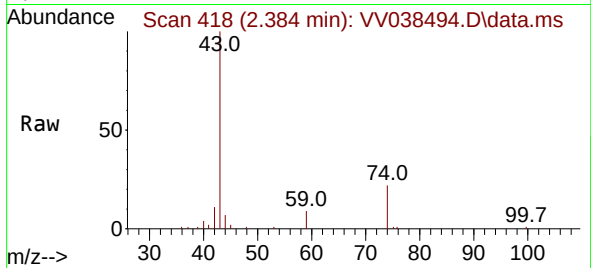




#15
Methyl Acetate
Concen: 4.490 ug/L
RT: 2.384 min Scan# 417
Delta R.T. 0.003 min
Lab File: VV038494.D
Acq: 21 Jan 2025 19:25

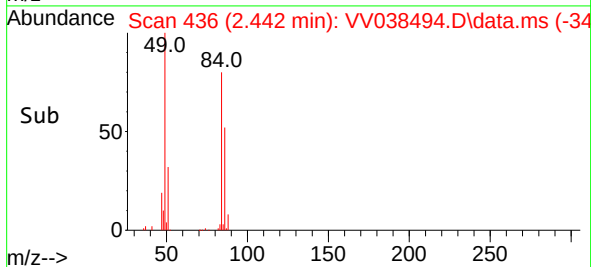
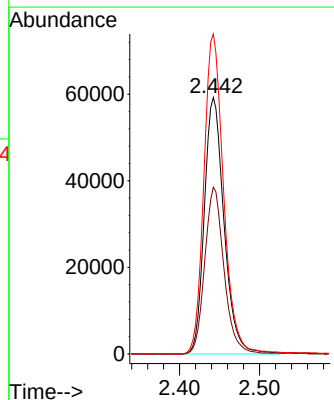
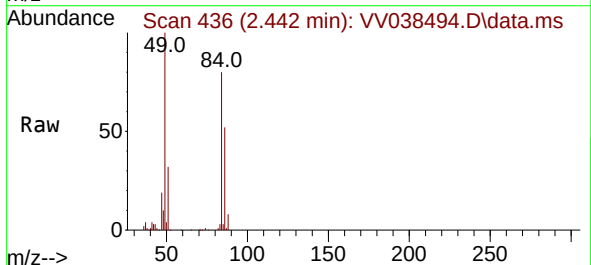
Instrument :
MSVOA_V
ClientSampleId :

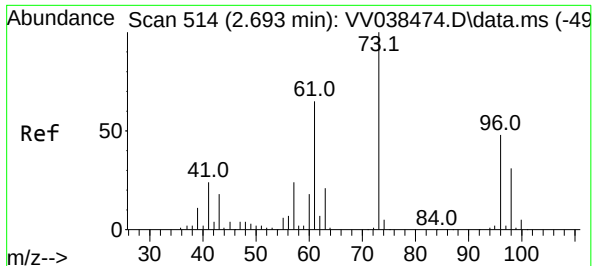
Tgt Ion: 43 Resp: 36111
Ion Ratio Lower Upper
43 100
74 21.5 20.4 30.6



#16
Methylene chloride
Concen: 4.752 ug/L
RT: 2.442 min Scan# 436
Delta R.T. 0.003 min
Lab File: VV038494.D
Acq: 21 Jan 2025 19:25

Tgt Ion: 84 Resp: 101860
Ion Ratio Lower Upper
84 100
86 65.0 44.7 82.9
49 124.8 84.1 156.1





#17

Methyl tert-butyl Ether

Concen: 4.720 ug/L

RT: 2.696 min Scan# 514

Delta R.T. 0.003 min

Lab File: VV038494.D

Acq: 21 Jan 2025 19:25

Instrument :

MSVOA_V

ClientSampleId :

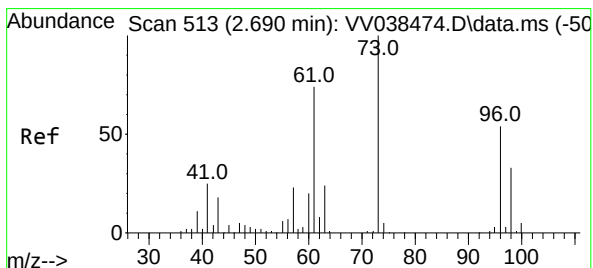
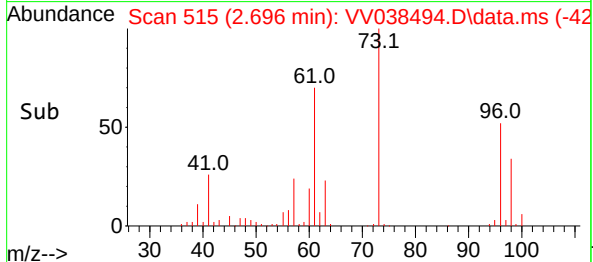
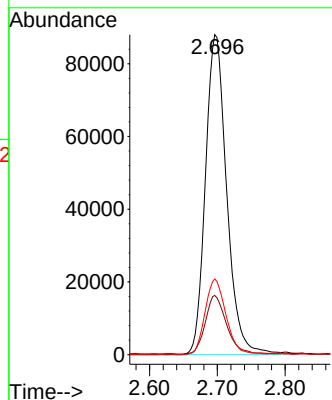
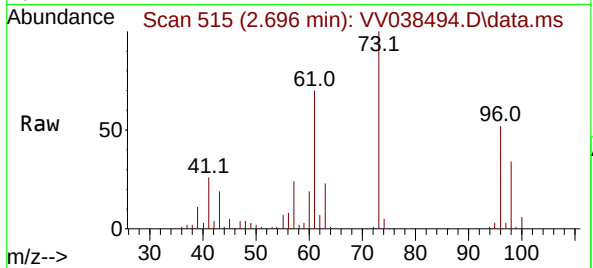
Tgt Ion: 73 Resp: 192069

Ion Ratio Lower Upper

73 100

43 18.4 14.6 21.8

57 23.3 17.9 26.9



#18

trans-1,2-Dichloroethene

Concen: 4.954 ug/L

RT: 2.690 min Scan# 513

Delta R.T. -0.000 min

Lab File: VV038494.D

Acq: 21 Jan 2025 19:25

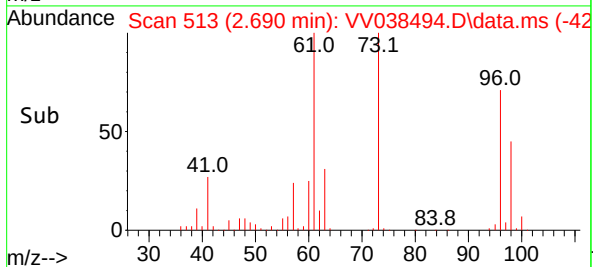
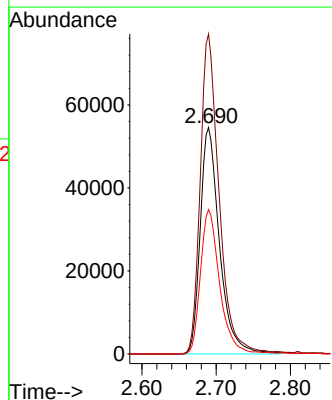
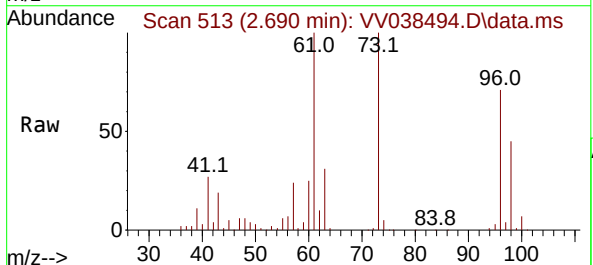
Tgt Ion: 96 Resp: 98507

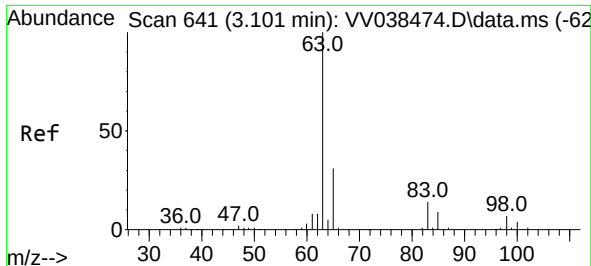
Ion Ratio Lower Upper

96 100

61 141.3 94.8 176.2

98 63.7 44.2 82.2





#19

1,1-Dichloroethane

Concen: 5.006 ug/L

RT: 3.105 min Scan# 641

Delta R.T. 0.003 min

Lab File: VV038494.D

Acq: 21 Jan 2025 19:25

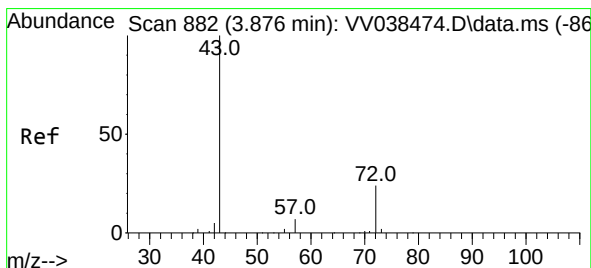
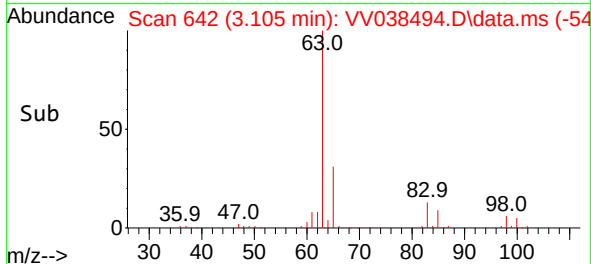
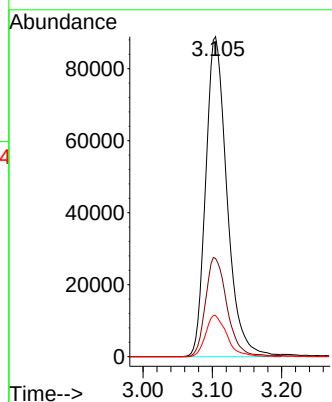
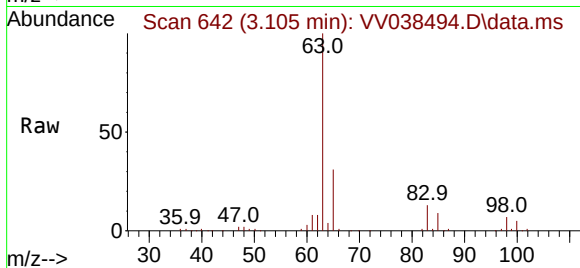
Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 63 Resp: 189446

Ion	Ratio	Lower	Upper
63	100		
65	30.7	22.5	41.9
83	12.9	9.4	17.6



#21

2-Butanone

Concen: 48.399 ug/L

RT: 3.886 min Scan# 885

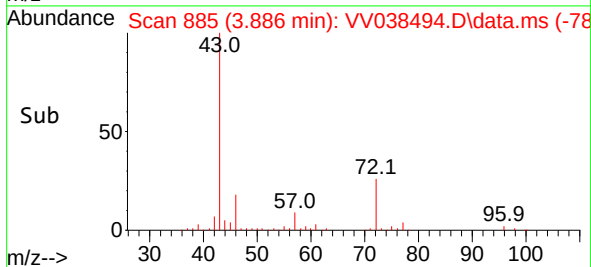
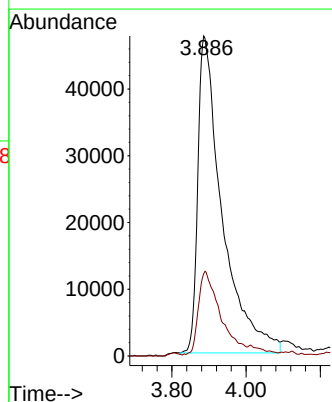
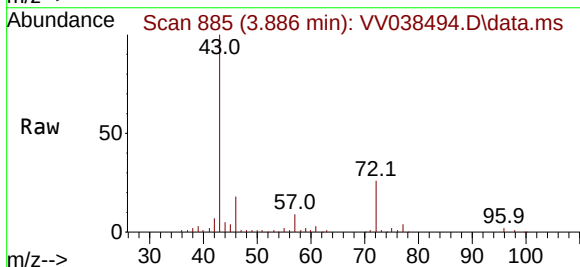
Delta R.T. 0.010 min

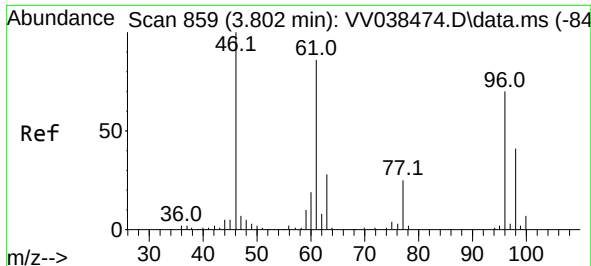
Lab File: VV038494.D

Acq: 21 Jan 2025 19:25

Tgt Ion: 43 Resp: 216112

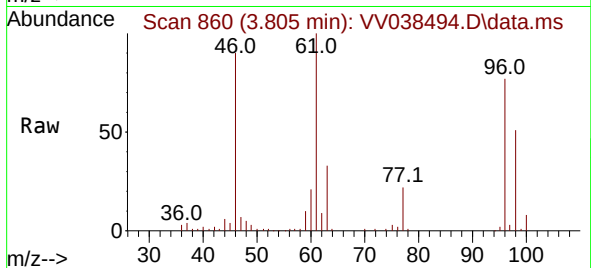
Ion	Ratio	Lower	Upper
43	100		
72	23.8	12.2	36.4



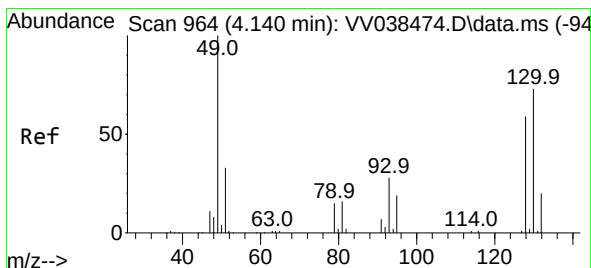
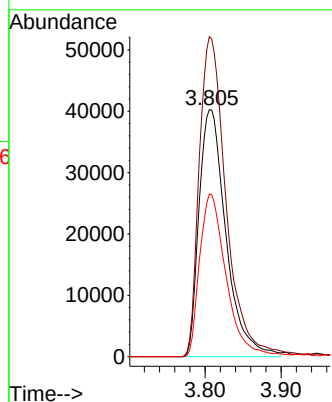
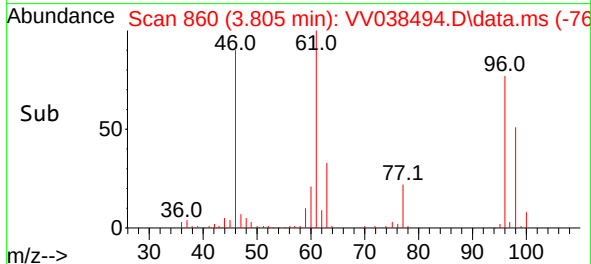


#22
 cis-1,2-Dichloroethene
 Concen: 4.892 ug/L
 RT: 3.805 min Scan# 859
 Delta R.T. 0.003 min
 Lab File: VV038494.D
 Acq: 21 Jan 2025 19:25

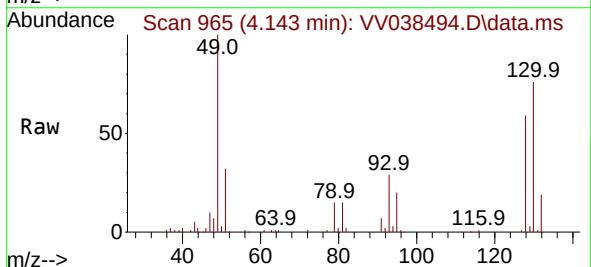
Instrument :
 MSVOA_V
 ClientSampleId :



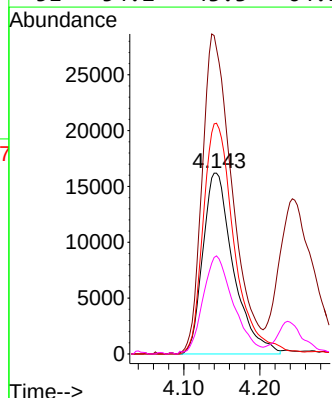
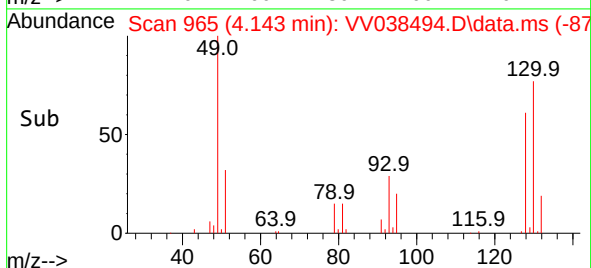
Tgt Ion: 96 Resp: 98911
 Ion Ratio Lower Upper
 96 100
 61 129.5 86.5 160.7
 98 65.8 43.8 81.3

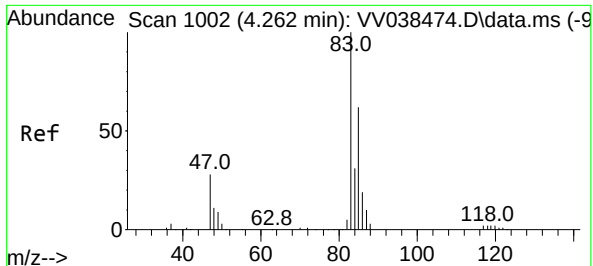


#23
 Bromochloromethane
 Concen: 4.894 ug/L
 RT: 4.143 min Scan# 965
 Delta R.T. 0.003 min
 Lab File: VV038494.D
 Acq: 21 Jan 2025 19:25



Tgt Ion: 128 Resp: 45021
 Ion Ratio Lower Upper
 128 100
 49 168.8 121.0 224.8
 130 127.5 90.1 167.3
 51 54.2 43.3 64.9





#25

Chloroform

Concen: 4.998 ug/L

RT: 4.265 min Scan# 1002

Delta R.T. 0.003 min

Lab File: VV038494.D

Acq: 21 Jan 2025 19:25

Instrument :

MSVOA_V

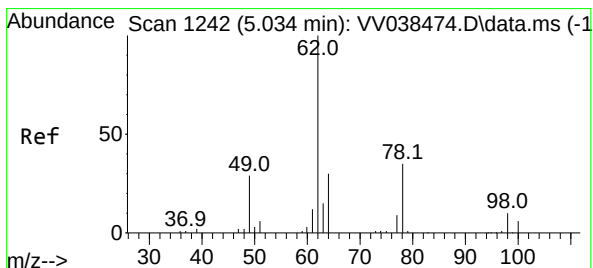
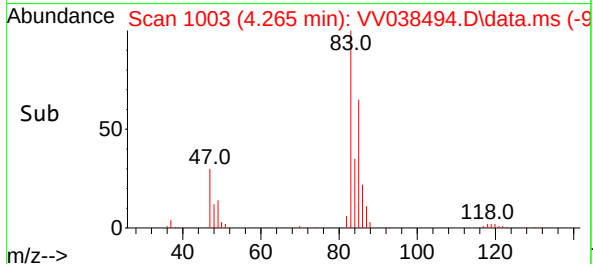
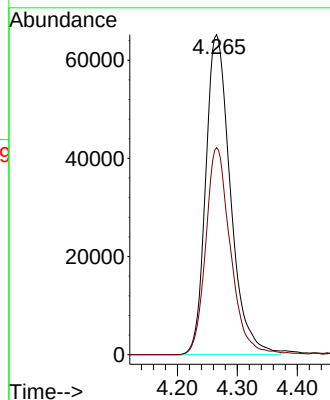
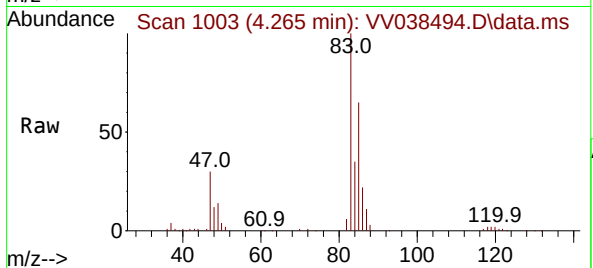
ClientSampleId :

Tgt Ion: 83 Resp: 186979

Ion Ratio Lower Upper

83 100

85 64.7 44.0 81.8



#27

1,2-Dichloroethane

Concen: 5.089 ug/L

RT: 5.034 min Scan# 1242

Delta R.T. -0.000 min

Lab File: VV038494.D

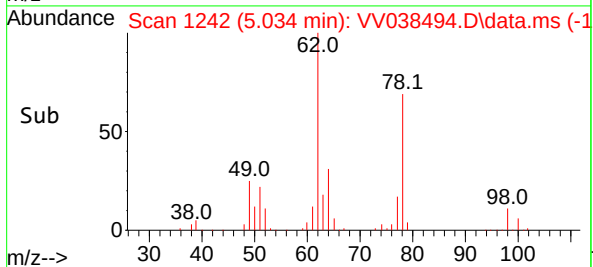
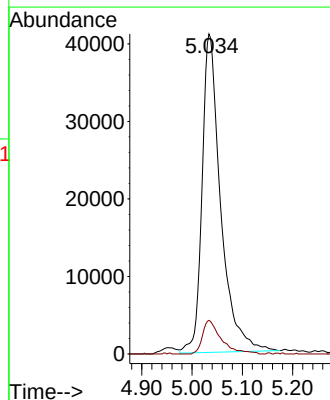
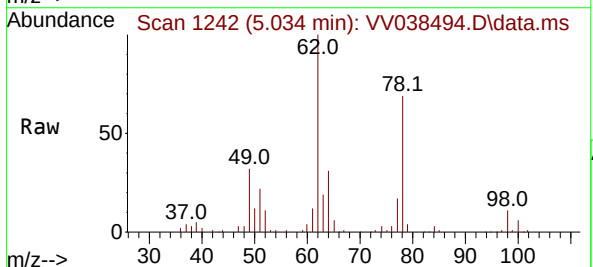
Acq: 21 Jan 2025 19:25

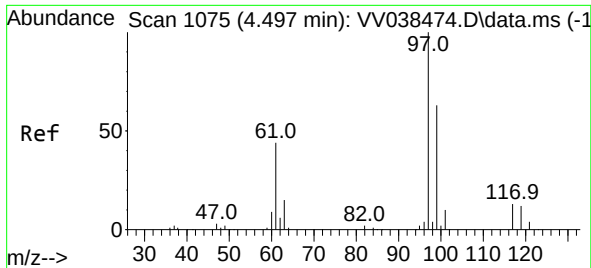
Tgt Ion: 62 Resp: 105881

Ion Ratio Lower Upper

62 100

98 10.5 7.8 11.6

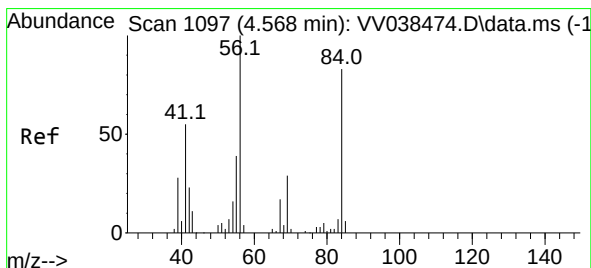
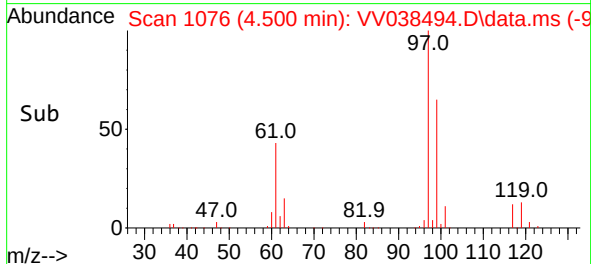
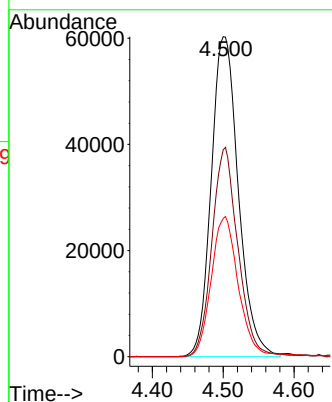
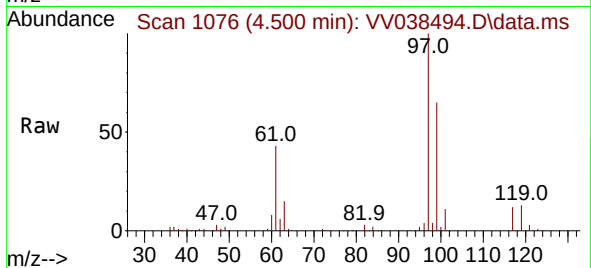




#29
1,1,1-Trichloroethane
Concen: 5.011 ug/L
RT: 4.500 min Scan# 1075
Delta R.T. 0.003 min
Lab File: VV038494.D
Acq: 21 Jan 2025 19:25

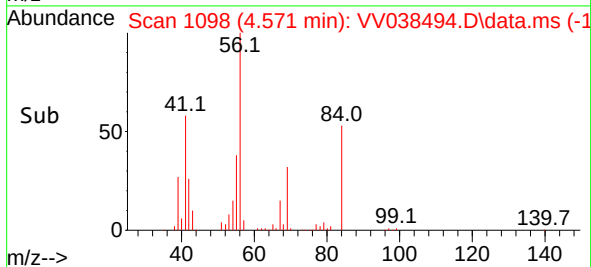
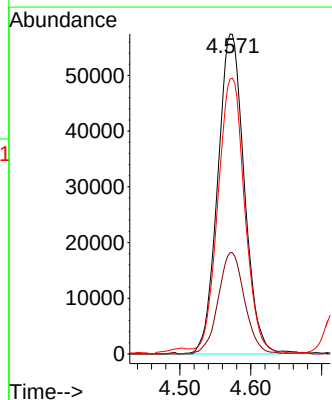
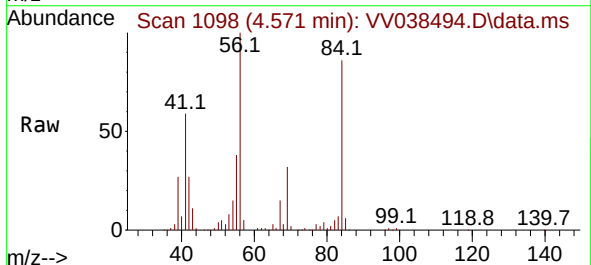
Instrument :
MSVOA_V
ClientSampleId :

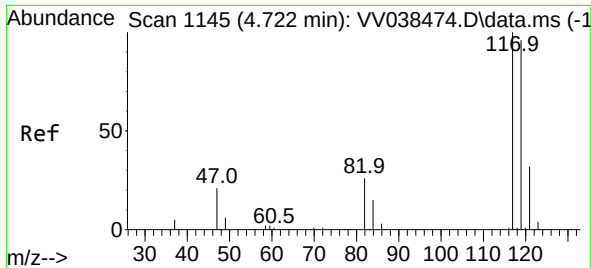
Tgt Ion: 97 Resp: 160648
Ion Ratio Lower Upper
97 100
99 62.7 52.9 79.3
61 43.5 36.4 54.6



#30
Cyclohexane
Concen: 5.112 ug/L
RT: 4.571 min Scan# 1098
Delta R.T. 0.003 min
Lab File: VV038494.D
Acq: 21 Jan 2025 19:25

Tgt Ion: 56 Resp: 149278
Ion Ratio Lower Upper
56 100
69 31.5 24.7 37.1
84 87.4 68.2 102.2

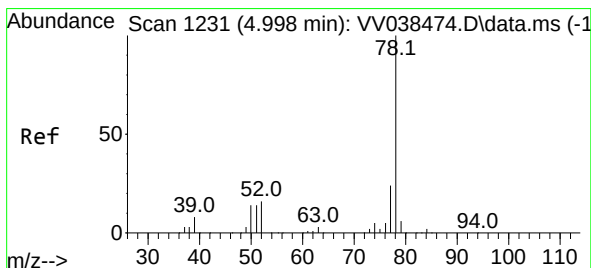
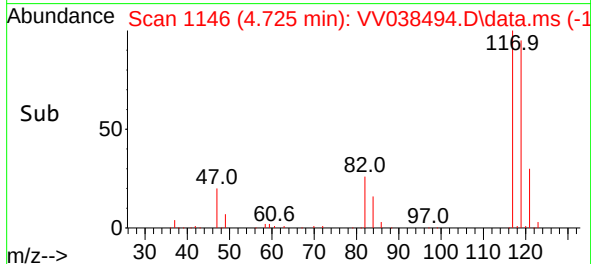
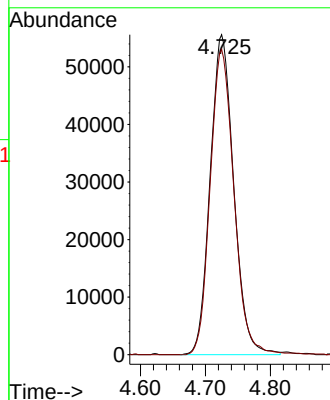
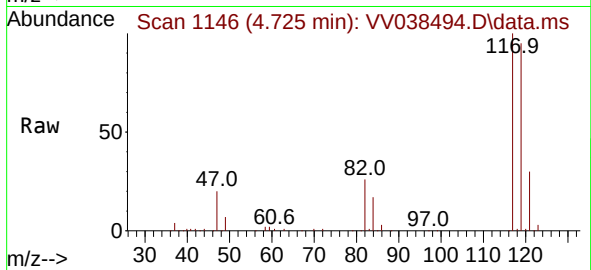




#31
Carbon tetrachloride
Concen: 4.939 ug/L
RT: 4.725 min Scan# 1145
Delta R.T. 0.003 min
Lab File: VV038494.D
Acq: 21 Jan 2025 19:25

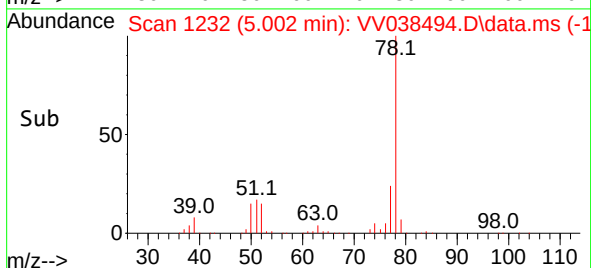
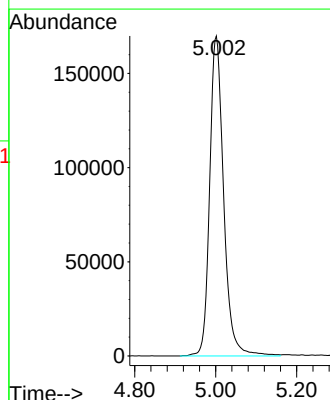
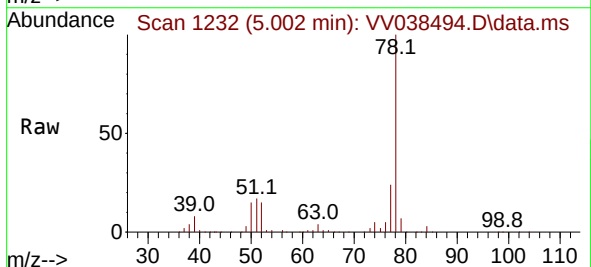
Instrument :
MSVOA_V
ClientSampleId :

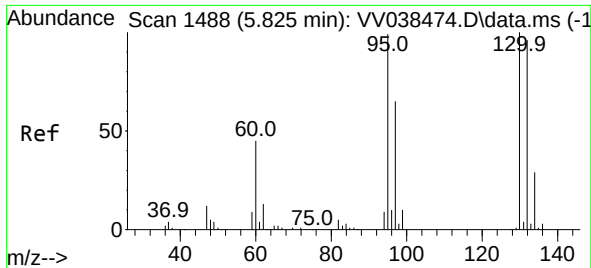
Tgt Ion:117 Resp: 139952
Ion Ratio Lower Upper
117 100
119 96.0 76.6 115.0



#33
Benzene
Concen: 5.319 ug/L
RT: 5.002 min Scan# 1232
Delta R.T. 0.003 min
Lab File: VV038494.D
Acq: 21 Jan 2025 19:25

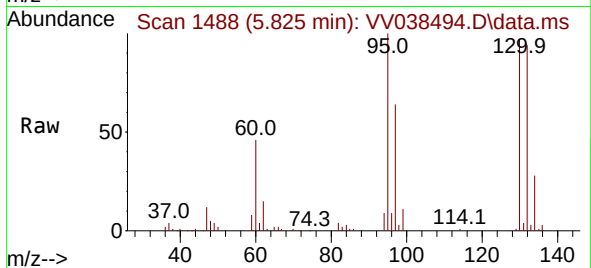
Tgt Ion: 78 Resp: 407276



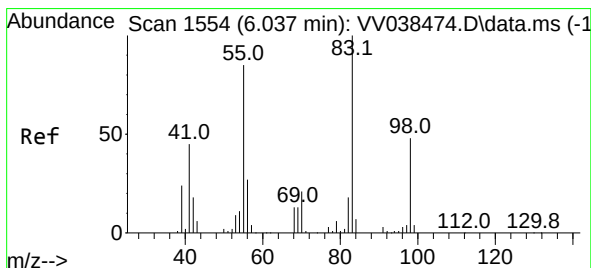
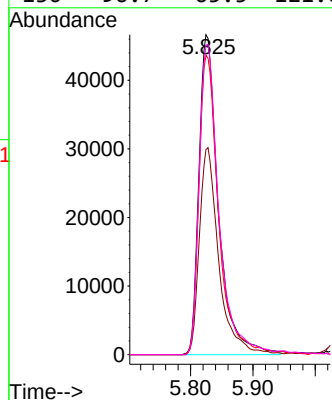
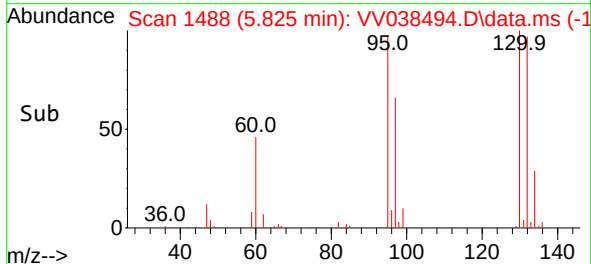


#34
Trichloroethene
Concen: 5.089 ug/L
RT: 5.825 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VV038494.D
Acq: 21 Jan 2025 19:25

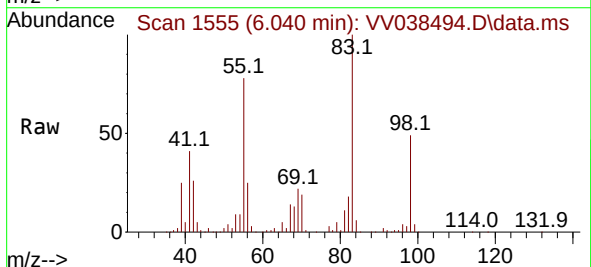
Instrument :
MSVOA_V
ClientSampleId :



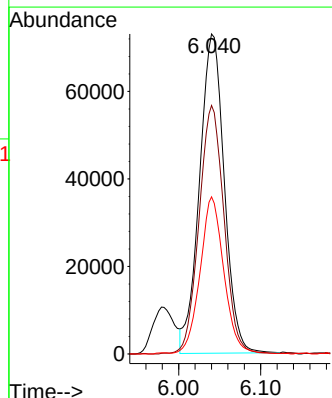
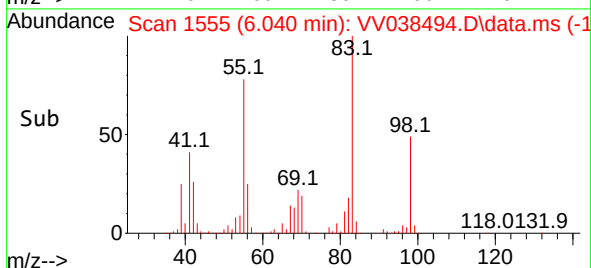
Tgt Ion: 95 Resp: 101282
Ion Ratio Lower Upper
95 100
97 64.1 43.4 80.6
132 93.6 65.5 121.6
130 96.7 65.5 121.6

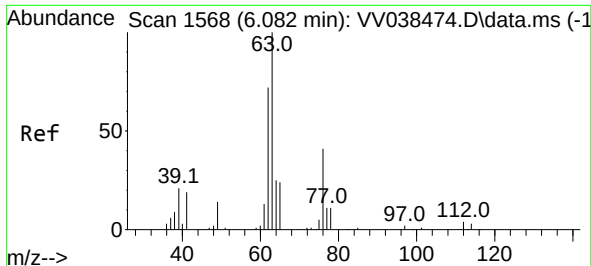


#35
Methylcyclohexane
Concen: 5.045 ug/L
RT: 6.040 min Scan# 1555
Delta R.T. 0.003 min
Lab File: VV038494.D
Acq: 21 Jan 2025 19:25



Tgt Ion: 83 Resp: 153028
Ion Ratio Lower Upper
83 100
55 78.4 59.4 89.0
98 46.8 37.8 56.8

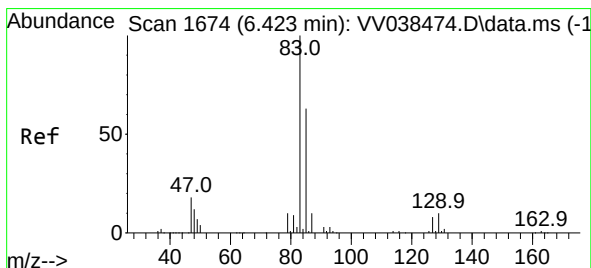
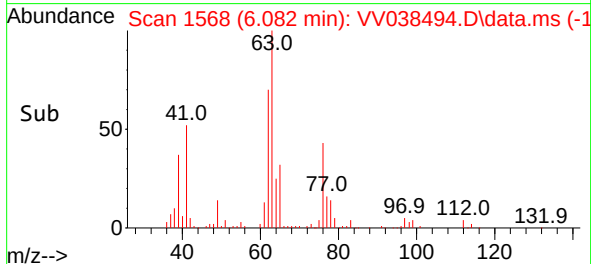
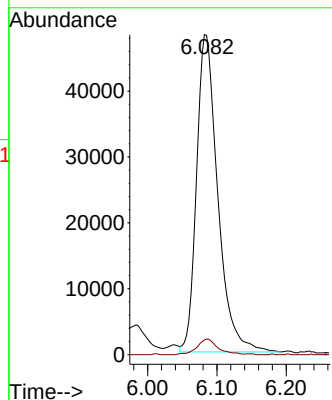
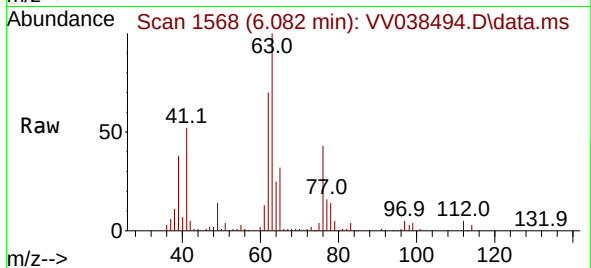




#37
1,2-Dichloropropane
Concen: 5.196 ug/L
RT: 6.082 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VV038494.D
Acq: 21 Jan 2025 19:25

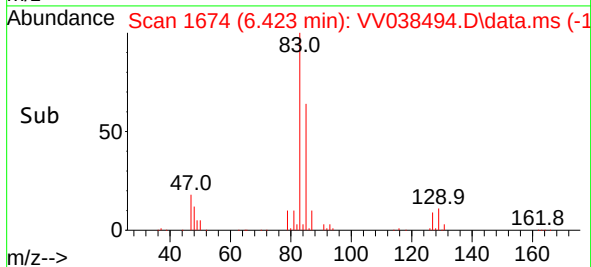
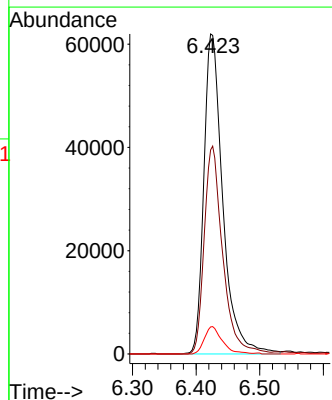
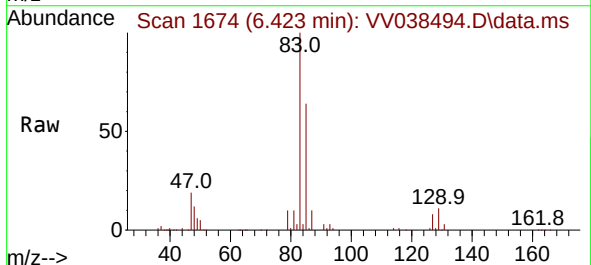
Instrument :
MSVOA_V
ClientSampleId :

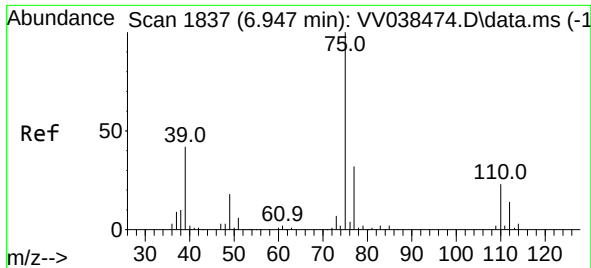
Tgt Ion: 63 Resp: 102752
Ion Ratio Lower Upper
63 100
112 4.8 4.1 6.1



#38
Bromodichloromethane
Concen: 5.002 ug/L
RT: 6.423 min Scan# 1674
Delta R.T. -0.000 min
Lab File: VV038494.D
Acq: 21 Jan 2025 19:25

Tgt Ion: 83 Resp: 128298
Ion Ratio Lower Upper
83 100
85 63.7 44.7 83.1
127 8.5 6.8 10.2





#39

cis-1,3-Dichloropropene

Concen: 4.864 ug/L

RT: 6.947 min Scan# 11

Delta R.T. -0.000 min

Lab File: VV038494.D

Acq: 21 Jan 2025 19:25

Instrument :

MSVOA_V

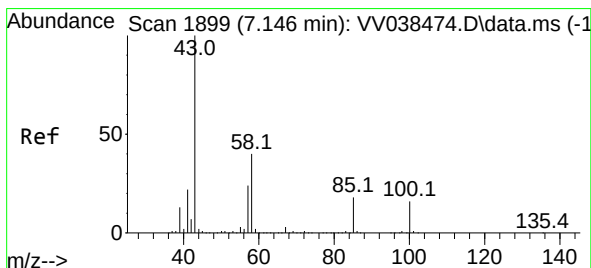
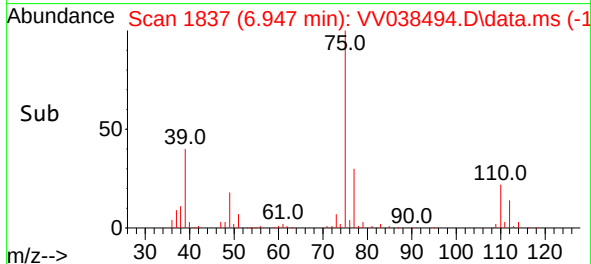
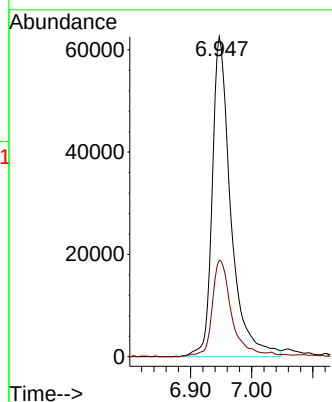
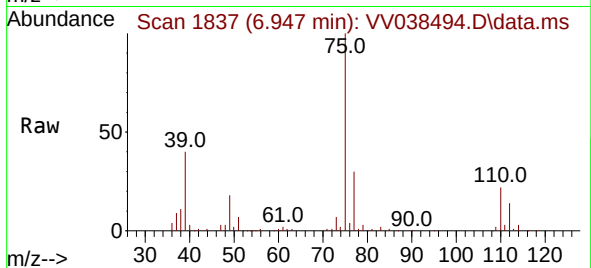
ClientSampleId :

Tgt Ion: 75 Resp: 132593

Ion Ratio Lower Upper

75 100

77 30.2 21.7 40.3



#40

4-Methyl-2-pentanone

Concen: 51.996 ug/L

RT: 7.149 min Scan# 1900

Delta R.T. 0.003 min

Lab File: VV038494.D

Acq: 21 Jan 2025 19:25

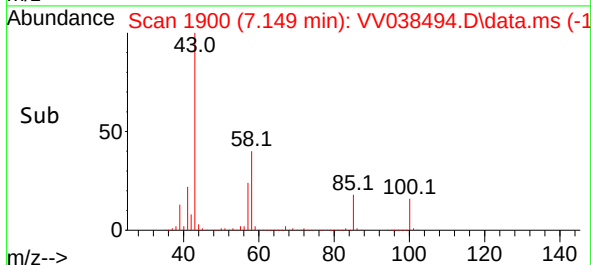
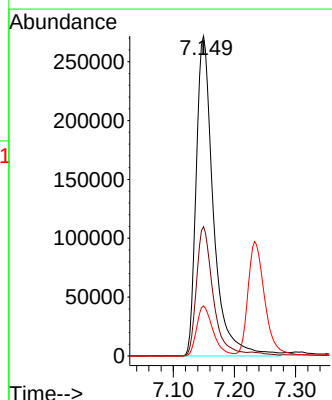
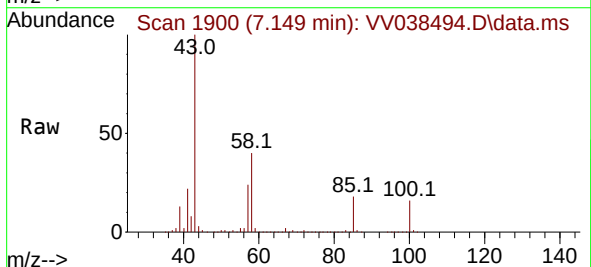
Tgt Ion: 43 Resp: 532026

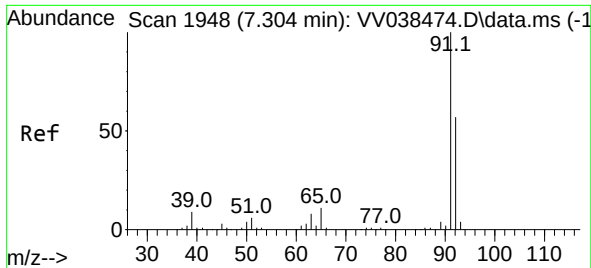
Ion Ratio Lower Upper

43 100

58 39.0 31.7 47.5

100 14.9 12.4 18.6

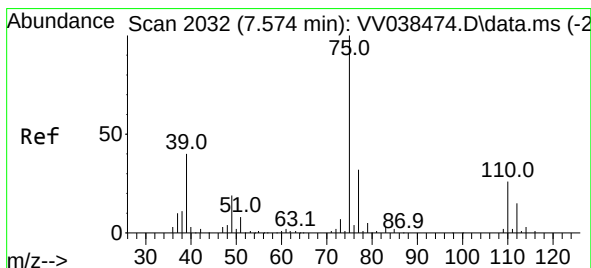
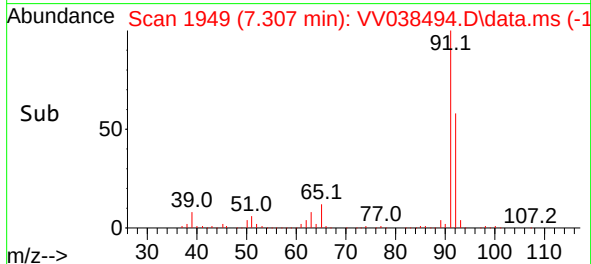
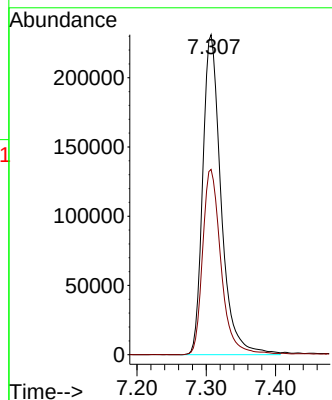
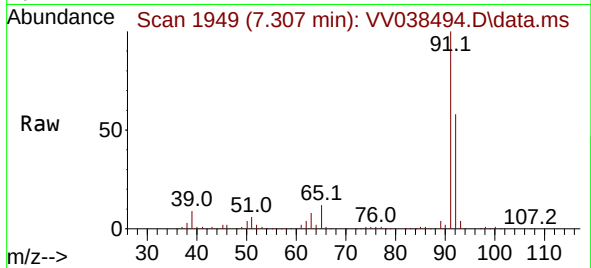




#42
Toluene
Concen: 5.324 ug/L
RT: 7.307 min Scan# 1948
Delta R.T. 0.003 min
Lab File: VV038494.D
Acq: 21 Jan 2025 19:25

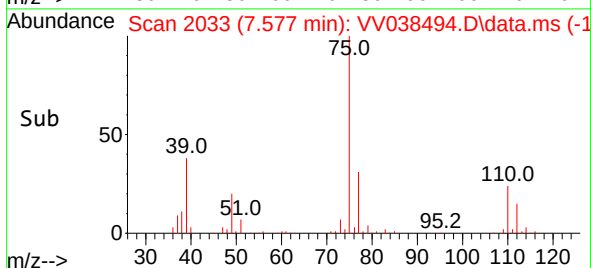
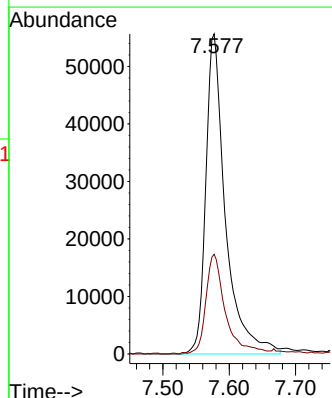
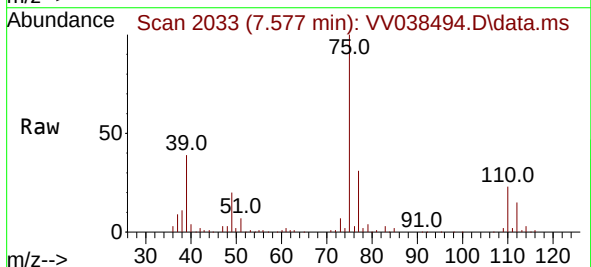
Instrument :
MSVOA_V
ClientSampleId :

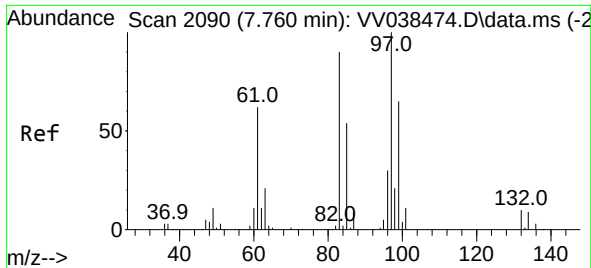
Tgt Ion: 91 Resp: 424862
Ion Ratio Lower Upper
91 100
92 57.9 40.6 75.4



#44
trans-1,3-Dichloropropene
Concen: 4.947 ug/L
RT: 7.577 min Scan# 2033
Delta R.T. 0.003 min
Lab File: VV038494.D
Acq: 21 Jan 2025 19:25

Tgt Ion: 75 Resp: 114264
Ion Ratio Lower Upper
75 100
77 31.2 22.8 42.4

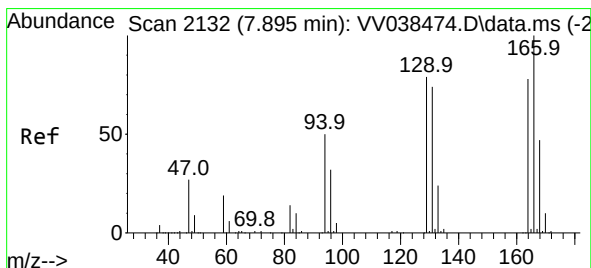
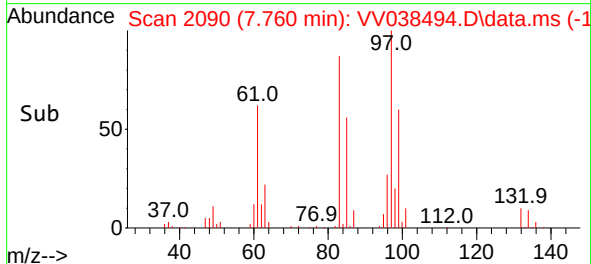
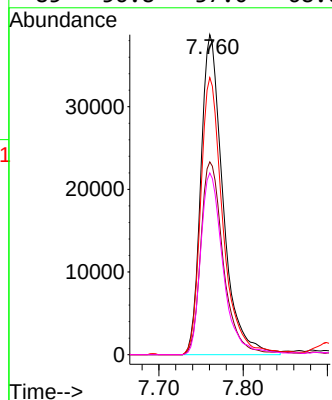
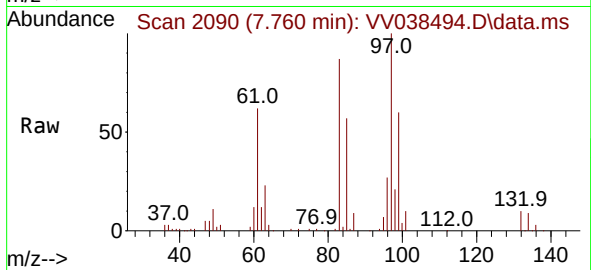




#45
1,1,2-Trichloroethane
Concen: 4.989 ug/L
RT: 7.760 min Scan# 2090
Delta R.T. -0.000 min
Lab File: VV038494.D
Acq: 21 Jan 2025 19:25

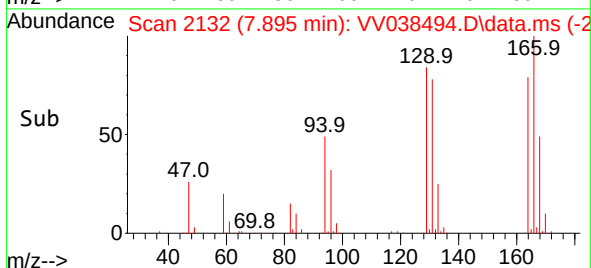
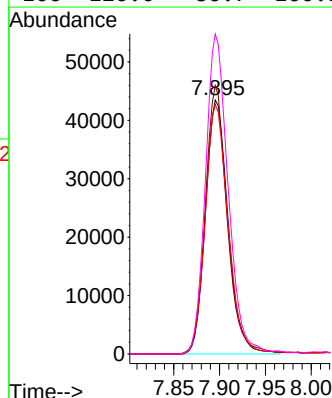
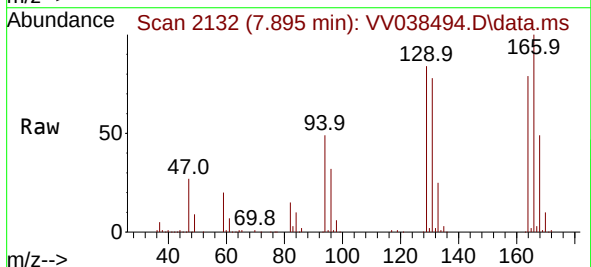
Instrument :
MSVOA_V
ClientSampleId :

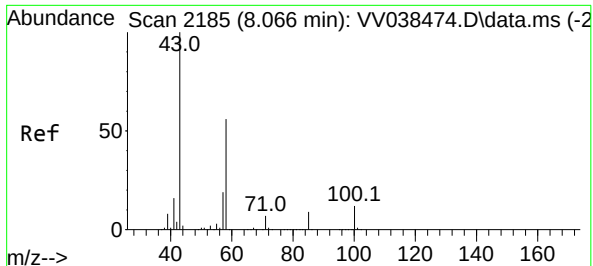
Tgt Ion:	97	Resp:	70969
Ion	Ratio	Lower	Upper
97	100		
99	60.2	42.3	78.5
83	86.6	59.4	110.4
85	56.8	37.0	68.6



#47
Tetrachloroethene
Concen: 4.841 ug/L
RT: 7.895 min Scan# 2132
Delta R.T. -0.000 min
Lab File: VV038494.D
Acq: 21 Jan 2025 19:25

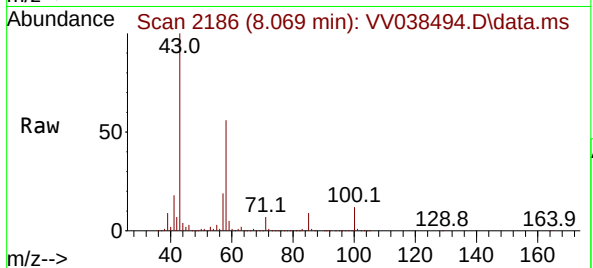
Tgt Ion:	164	Resp:	74572
Ion	Ratio	Lower	Upper
164	100		
129	105.7	68.9	127.9
131	98.3	65.2	121.2
166	126.0	86.7	160.9



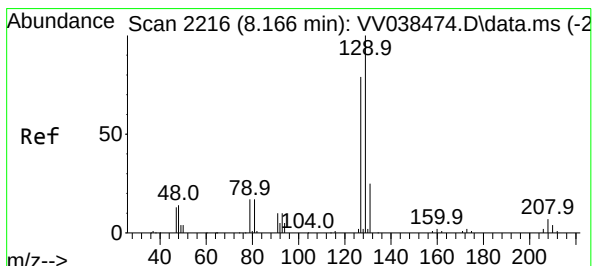
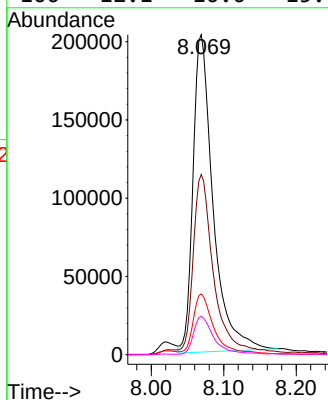
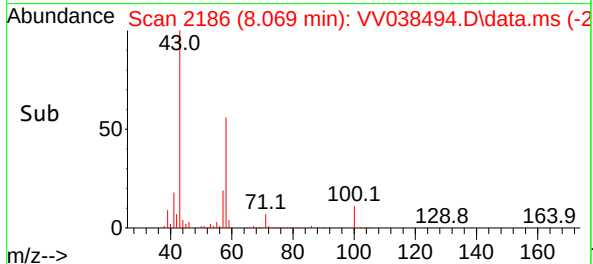


#48
2-Hexanone
Concen: 52.725 ug/L
RT: 8.069 min Scan# 2185
Delta R.T. 0.003 min
Lab File: VV038494.D
Acq: 21 Jan 2025 19:25

Instrument :
MSVOA_V
ClientSampleId :

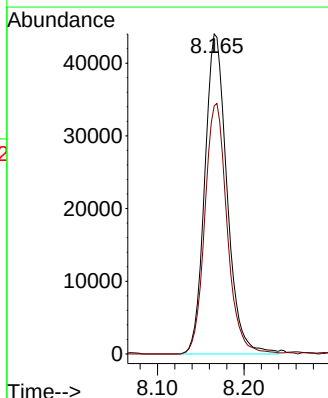
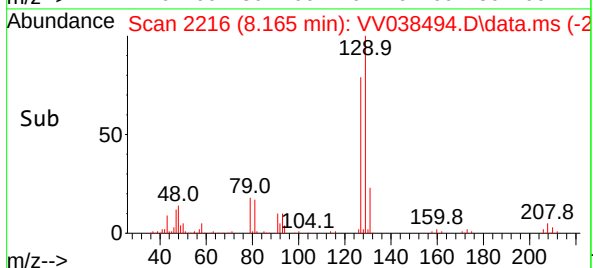
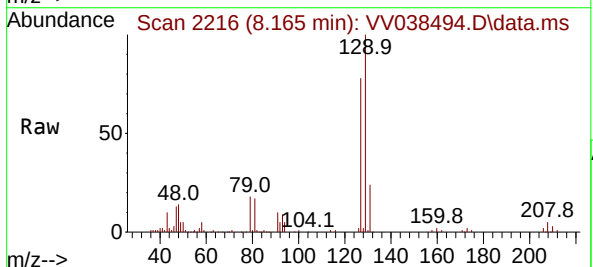


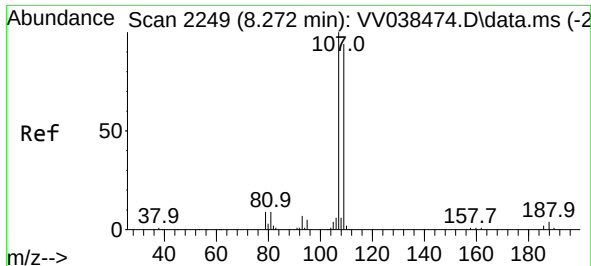
Tgt Ion: 43 Resp: 390614
Ion Ratio Lower Upper
43 100
58 57.0 43.6 65.4
57 19.6 15.0 22.4
100 12.1 10.0 15.0



#49
Dibromochloromethane
Concen: 4.798 ug/L
RT: 8.165 min Scan# 2216
Delta R.T. -0.000 min
Lab File: VV038494.D
Acq: 21 Jan 2025 19:25

Tgt Ion: 129 Resp: 78562
Ion Ratio Lower Upper
129 100
127 77.5 52.8 98.2





#50

1,2-Dibromoethane

Concen: 5.006 ug/L

RT: 8.275 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV038494.D

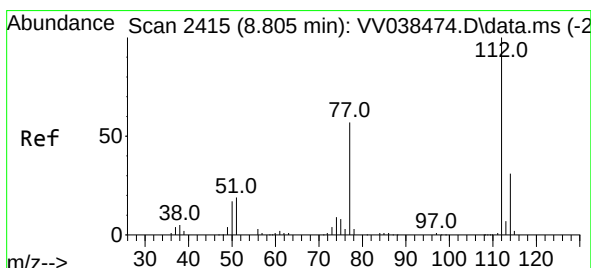
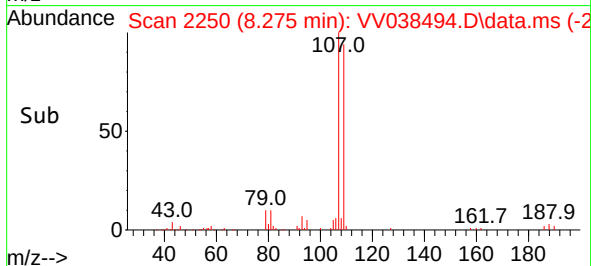
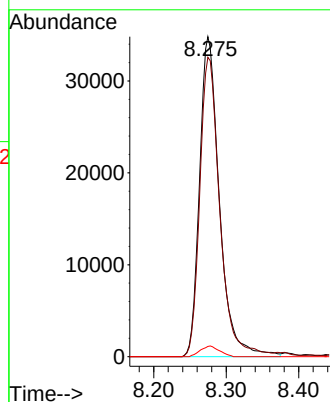
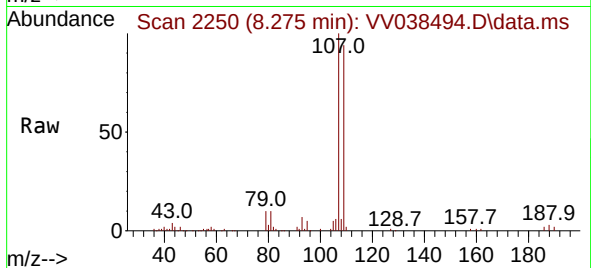
Acq: 21 Jan 2025 19:25

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:107	Resp:	66253
Ion	Ratio	Lower Upper
107	100	
109	93.5	65.9 122.3
188	3.2	2.8 4.2



#51

Chlorobenzene

Concen: 4.985 ug/L

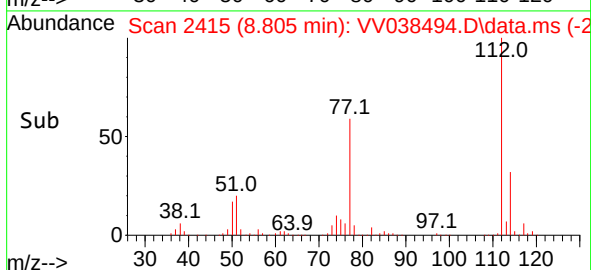
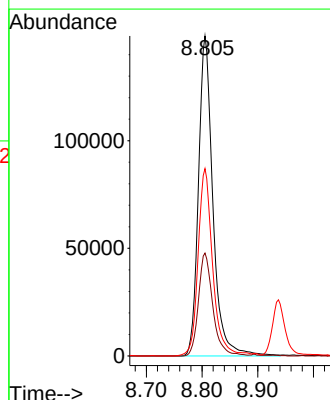
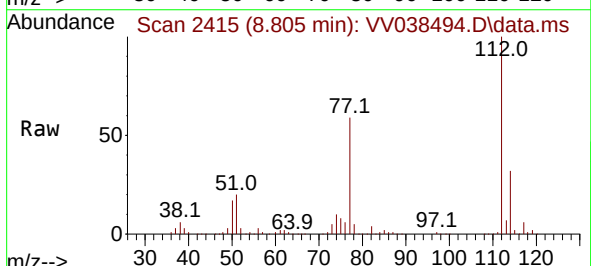
RT: 8.805 min Scan# 2415

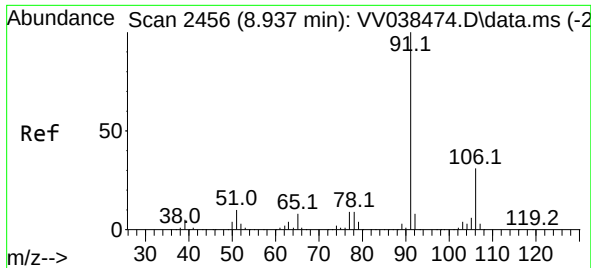
Delta R.T. -0.000 min

Lab File: VV038494.D

Acq: 21 Jan 2025 19:25

Tgt Ion:112	Resp:	267719
Ion	Ratio	Lower Upper
112	100	
114	32.1	22.9 42.5
77	58.5	46.1 69.1

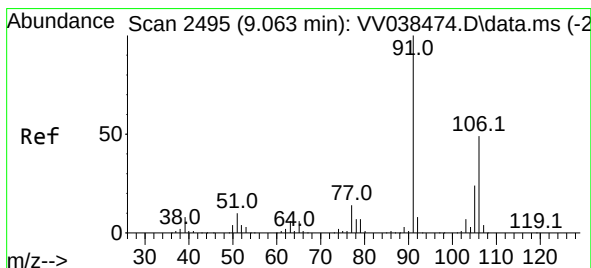
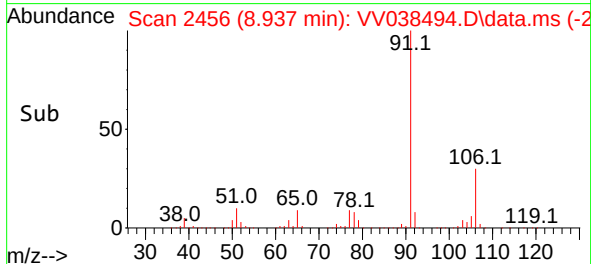
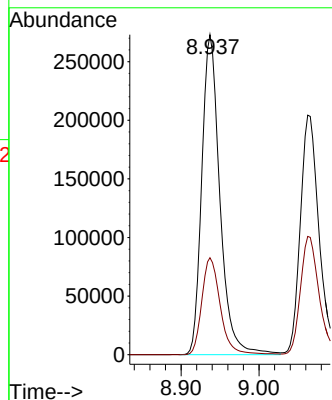
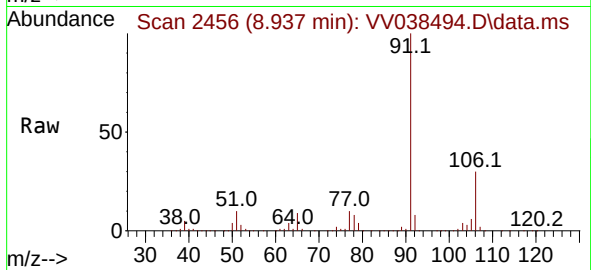




#52
Ethylbenzene
Concen: 5.138 ug/L
RT: 8.937 min Scan# 2456
Delta R.T. -0.000 min
Lab File: VV038494.D
Acq: 21 Jan 2025 19:25

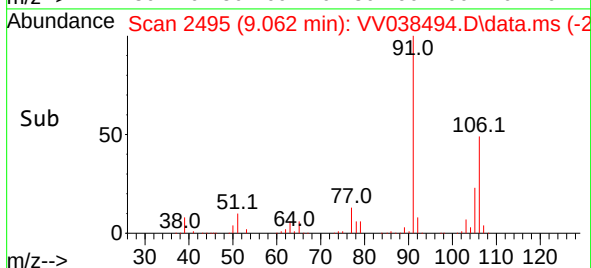
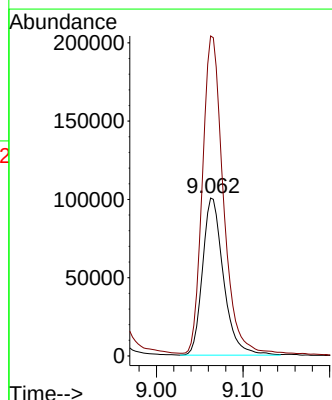
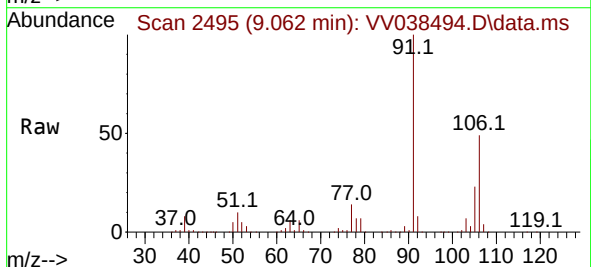
Instrument :
MSVOA_V
ClientSampleId :

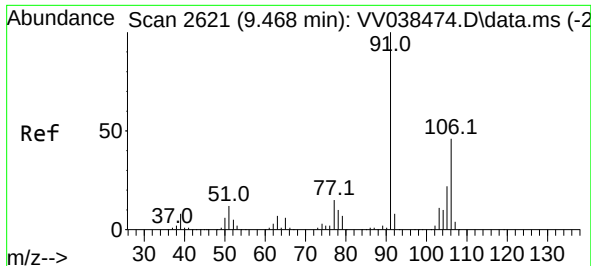
Tgt Ion: 91 Resp: 441065
Ion Ratio Lower Upper
91 100
106 30.3 22.0 40.8



#53
m,p-Xylene
Concen: 5.188 ug/L
RT: 9.062 min Scan# 2495
Delta R.T. -0.000 min
Lab File: VV038494.D
Acq: 21 Jan 2025 19:25

Tgt Ion: 106 Resp: 168830
Ion Ratio Lower Upper
106 100
91 202.6 148.2 275.2

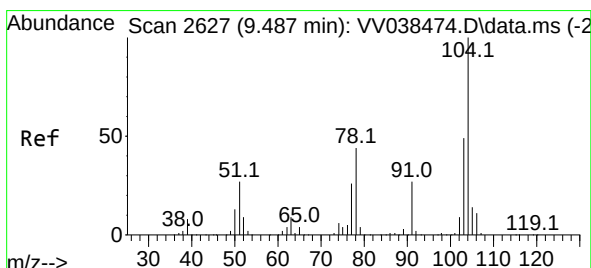
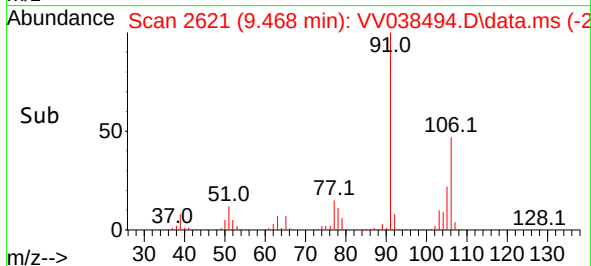
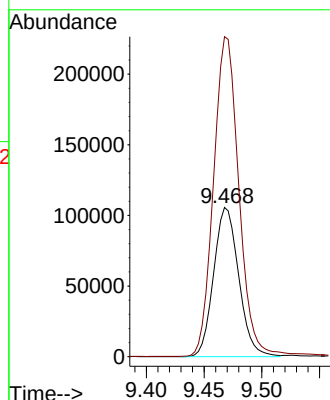
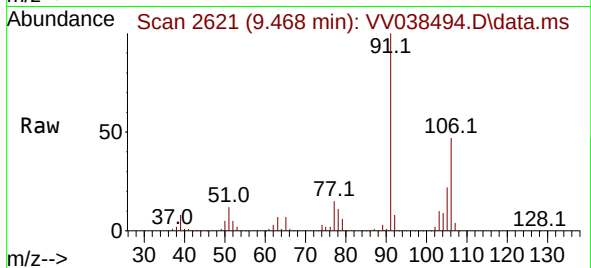




#54
o-Xylene
Concen: 5.146 ug/L
RT: 9.468 min Scan# 2621
Delta R.T. -0.000 min
Lab File: VV038494.D
Acq: 21 Jan 2025 19:25

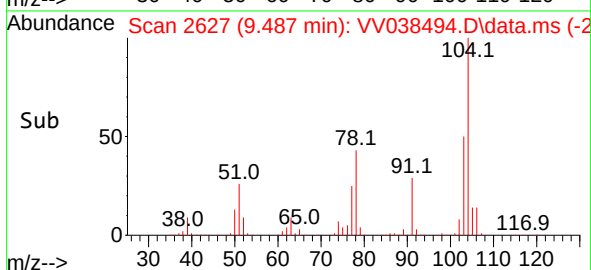
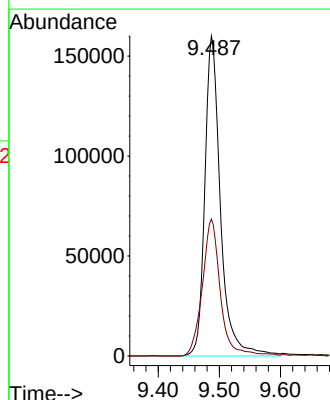
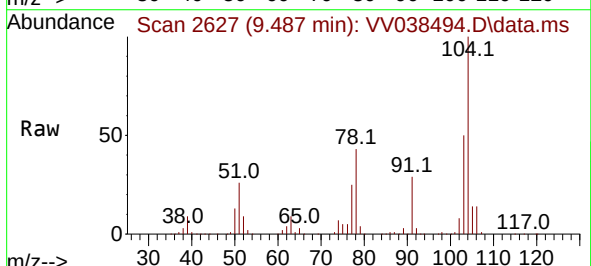
Instrument :
MSVOA_V
ClientSampleId :

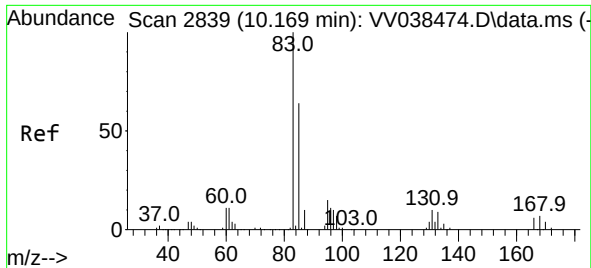
Tgt Ion:106 Resp: 159568
Ion Ratio Lower Upper
106 100
91 214.5 151.4 281.2



#55
Styrene
Concen: 5.274 ug/L
RT: 9.487 min Scan# 2627
Delta R.T. -0.000 min
Lab File: VV038494.D
Acq: 21 Jan 2025 19:25

Tgt Ion:104 Resp: 285164
Ion Ratio Lower Upper
104 100
78 42.8 30.8 57.2

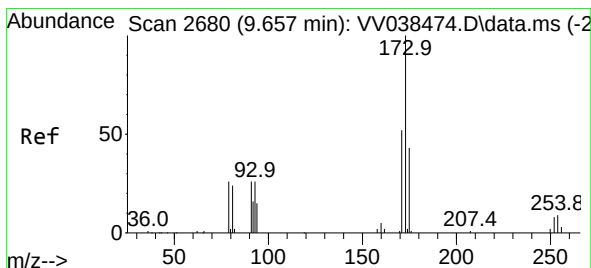
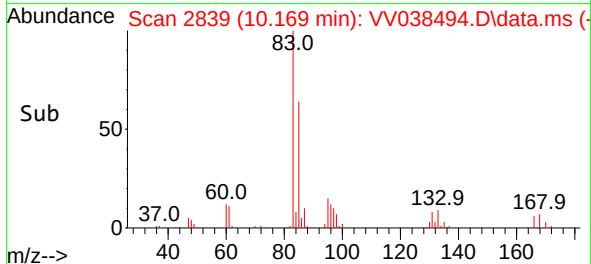
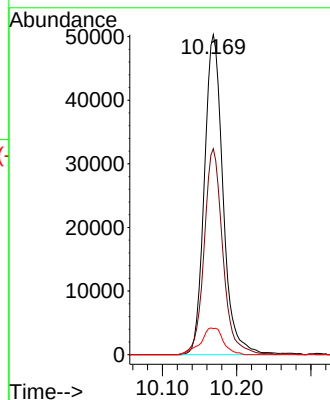
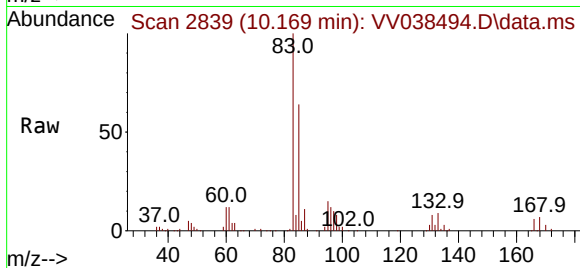




#57
1,1,2,2-Tetrachloroethane
Concen: 5.061 ug/L
RT: 10.169 min Scan# 2839
Delta R.T. -0.000 min
Lab File: VV038494.D
Acq: 21 Jan 2025 19:25

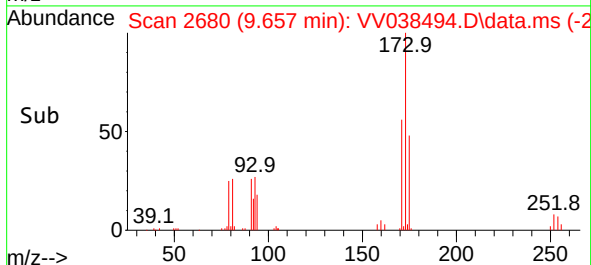
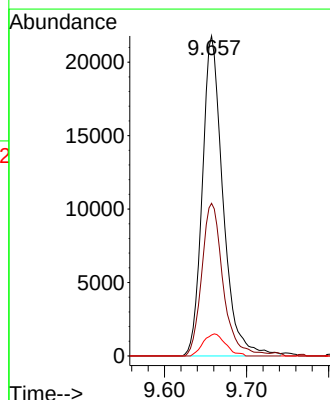
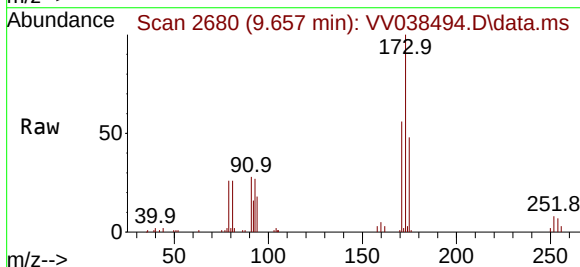
Instrument :
MSVOA_V
ClientSampleId :

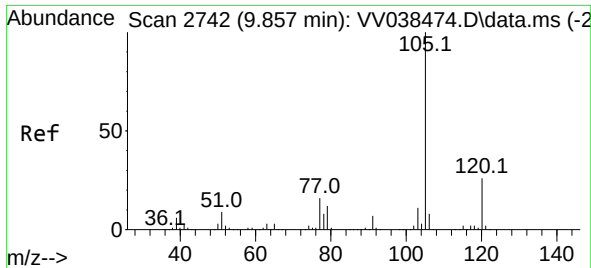
Tgt Ion: 83 Resp: 87669
Ion Ratio Lower Upper
83 100
85 64.3 45.1 83.7
131 8.2 7.5 11.3



#59
Bromoform
Concen: 4.286 ug/L
RT: 9.657 min Scan# 2680
Delta R.T. -0.000 min
Lab File: VV038494.D
Acq: 21 Jan 2025 19:25

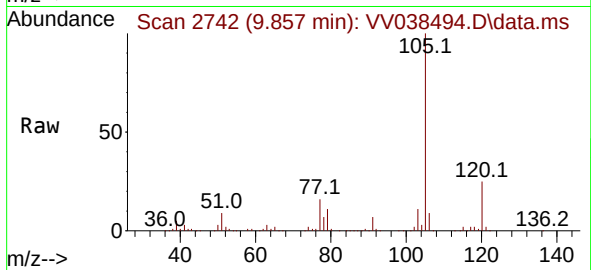
Tgt Ion: 173 Resp: 38110
Ion Ratio Lower Upper
173 100
175 49.3 37.6 56.4
254 7.5 5.6 8.4



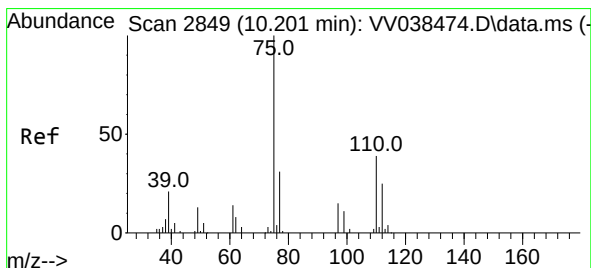
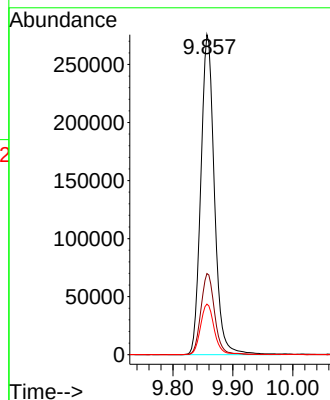
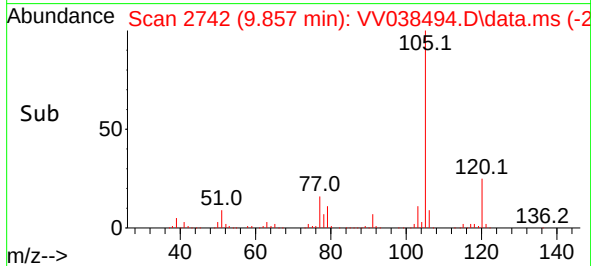


#60
Isopropylbenzene
Concen: 5.075 ug/L
RT: 9.857 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV038494.D
Acq: 21 Jan 2025 19:25

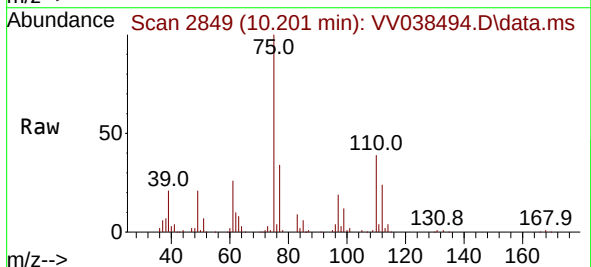
Instrument :
MSVOA_V
ClientSampleId :



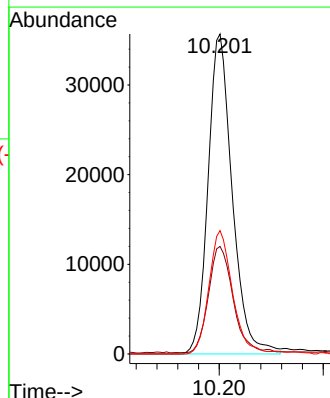
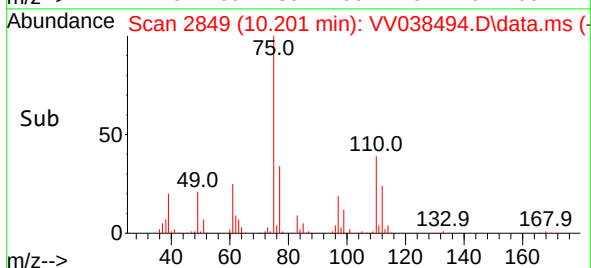
Tgt Ion:105 Resp: 435416
Ion Ratio Lower Upper
105 100
120 25.6 21.4 32.2
77 15.9 12.7 19.1

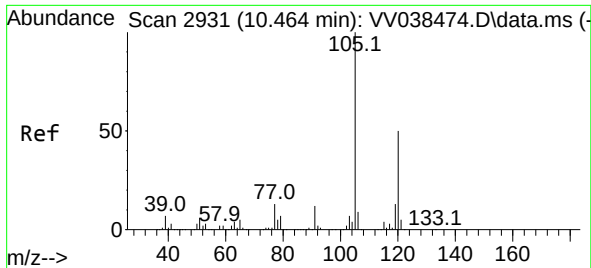


#61
1,2,3-Trichloropropane
Concen: 4.697 ug/L
RT: 10.201 min Scan# 2849
Delta R.T. -0.000 min
Lab File: VV038494.D
Acq: 21 Jan 2025 19:25



Tgt Ion: 75 Resp: 57541
Ion Ratio Lower Upper
75 100
77 33.4 25.4 38.0
110 37.5 32.6 48.8

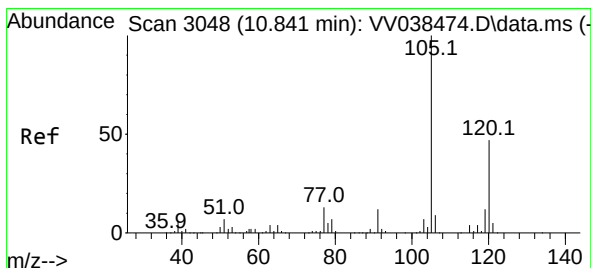
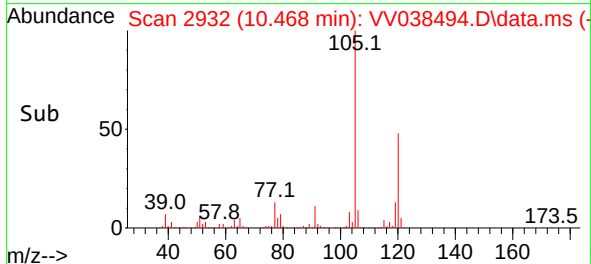
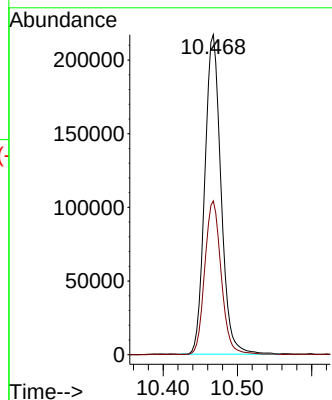
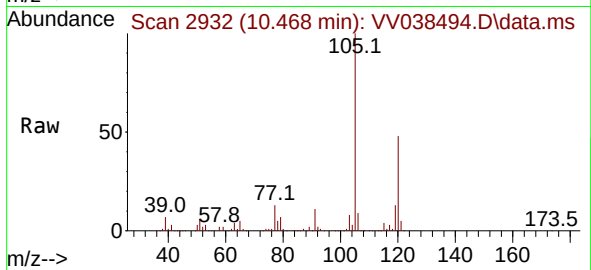




#62
 1,3,5-Trimethylbenzene
 Concen: 4.886 ug/L
 RT: 10.468 min Scan# 2931
 Delta R.T. 0.003 min
 Lab File: VV038494.D
 Acq: 21 Jan 2025 19:25

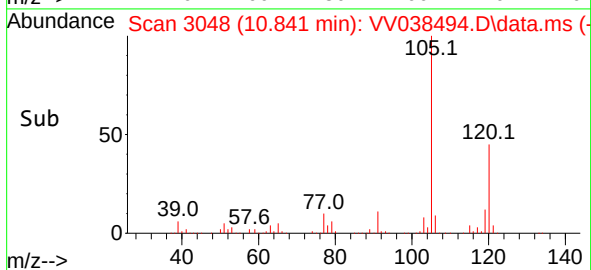
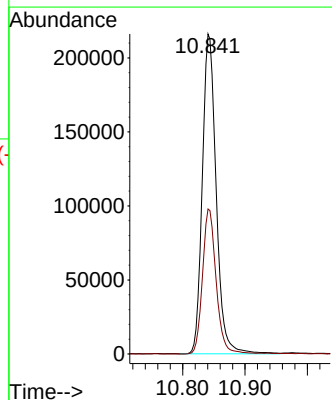
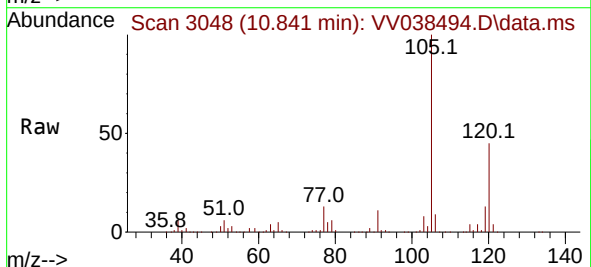
Instrument :
 MSVOA_V
 ClientSampleId :

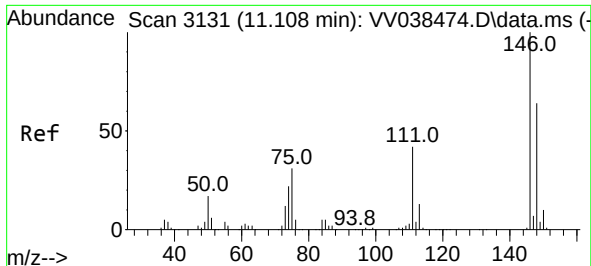
Tgt Ion:105 Resp: 328282
 Ion Ratio Lower Upper
 105 100
 120 48.8 39.4 59.0



#63
 1,2,4-Trimethylbenzene
 Concen: 4.985 ug/L
 RT: 10.841 min Scan# 3048
 Delta R.T. -0.000 min
 Lab File: VV038494.D
 Acq: 21 Jan 2025 19:25

Tgt Ion:105 Resp: 334472
 Ion Ratio Lower Upper
 105 100
 120 44.5 35.8 53.8

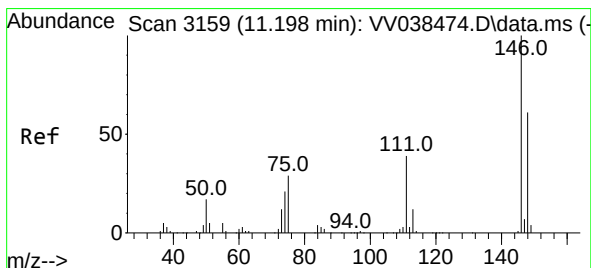
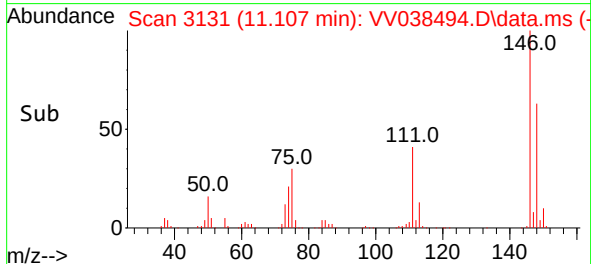
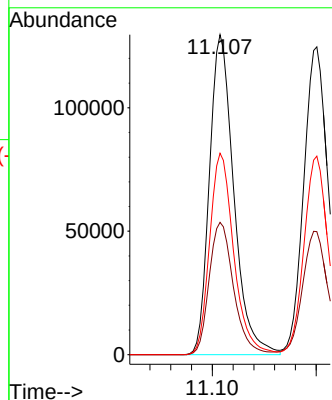
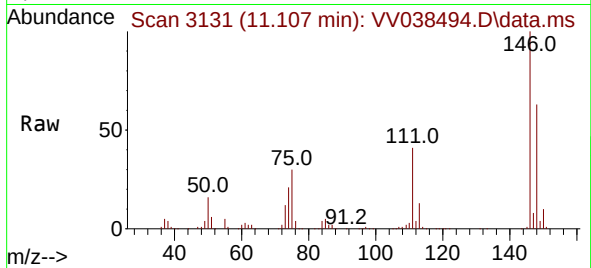




#64
1,3-Dichlorobenzene
Concen: 4.953 ug/L
RT: 11.107 min Scan# 3131
Delta R.T. -0.000 min
Lab File: VV038494.D
Acq: 21 Jan 2025 19:25

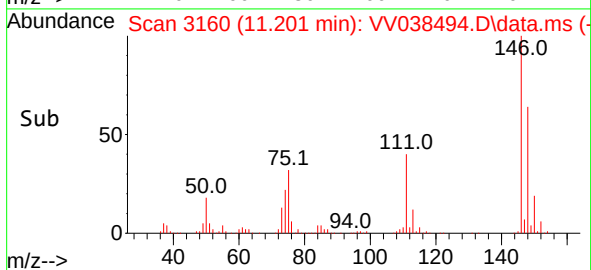
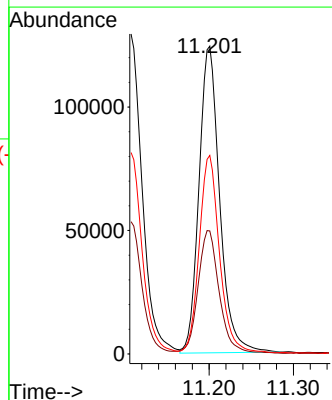
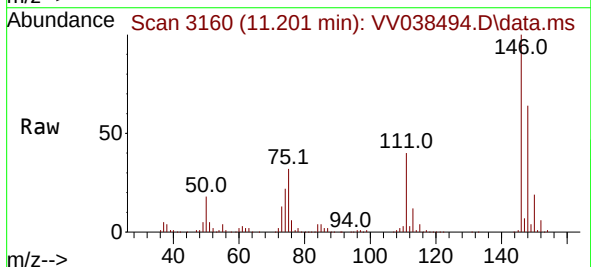
Instrument :
MSVOA_V
ClientSampleId :

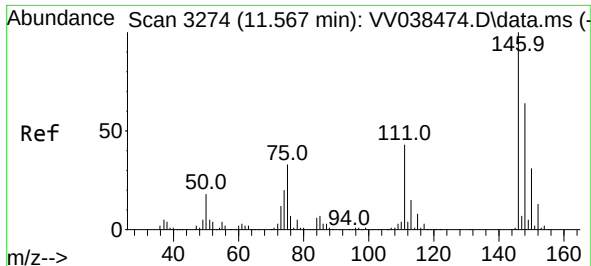
Tgt Ion:146 Resp: 210799
Ion Ratio Lower Upper
146 100
111 41.4 27.9 51.9
148 63.0 44.7 83.1



#65
1,4-Dichlorobenzene
Concen: 4.824 ug/L
RT: 11.201 min Scan# 3160
Delta R.T. 0.003 min
Lab File: VV038494.D
Acq: 21 Jan 2025 19:25

Tgt Ion:146 Resp: 212284
Ion Ratio Lower Upper
146 100
111 40.0 28.1 52.3
148 64.5 44.7 83.1

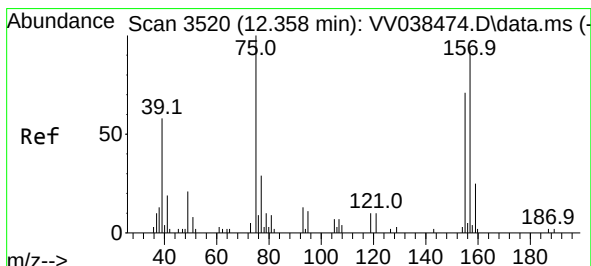
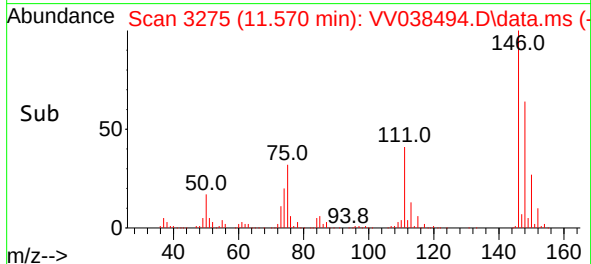
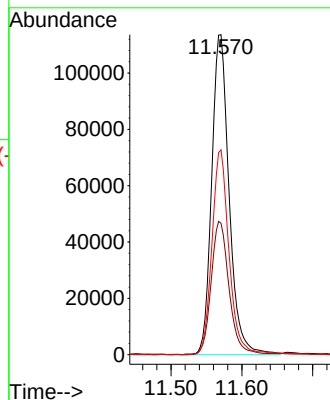
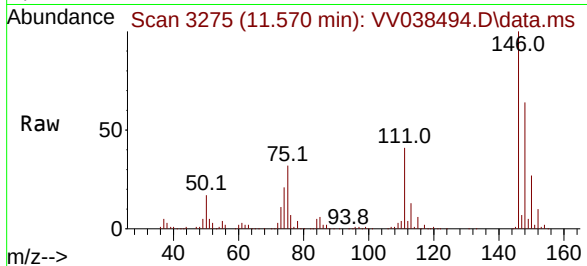




#67
1,2-Dichlorobenzene
Concen: 4.870 ug/L
RT: 11.570 min Scan# 311
Delta R.T. 0.003 min
Lab File: VV038494.D
Acq: 21 Jan 2025 19:25

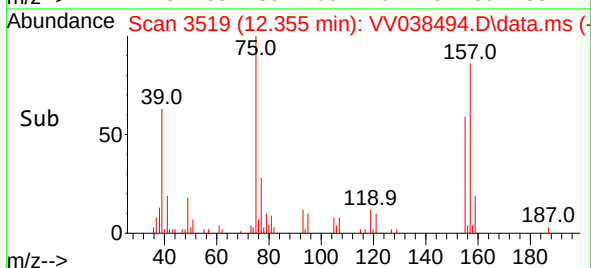
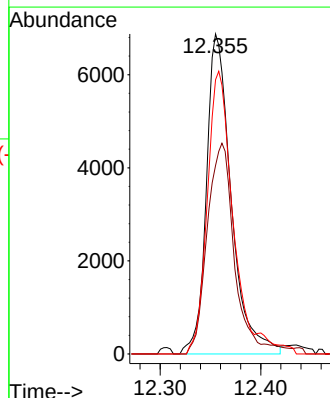
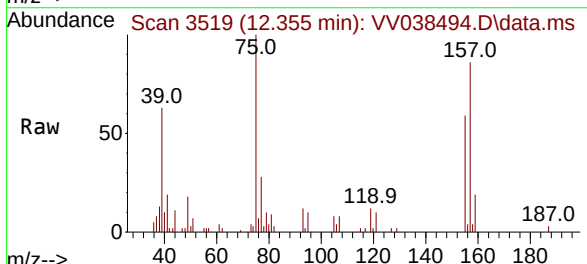
Instrument :
MSVOA_V
ClientSampleId :

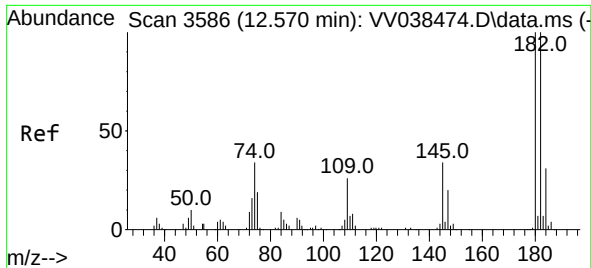
Tgt Ion:146 Resp: 194083
Ion Ratio Lower Upper
146 100
111 41.1 33.4 50.0
148 64.0 49.9 74.9



#68
1,2-Dibromo-3-chloropropane
Concen: 4.660 ug/L
RT: 12.355 min Scan# 3519
Delta R.T. -0.003 min
Lab File: VV038494.D
Acq: 21 Jan 2025 19:25

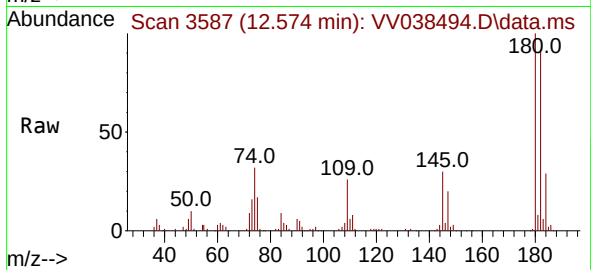
Tgt Ion: 75 Resp: 11798
Ion Ratio Lower Upper
75 100
155 58.9 56.7 85.1
157 85.7 74.4 111.6



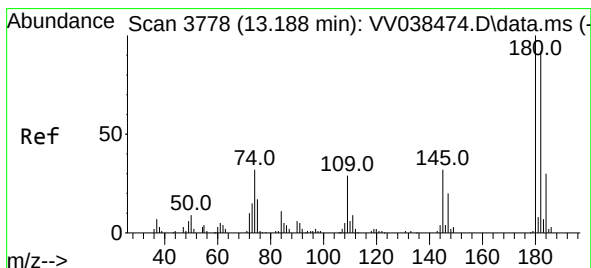
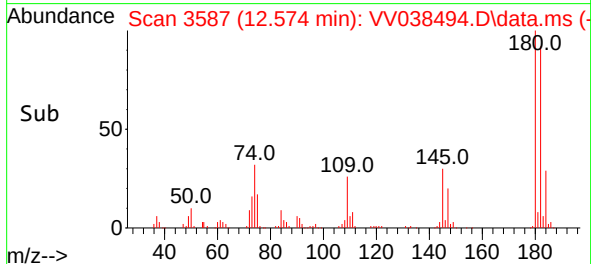
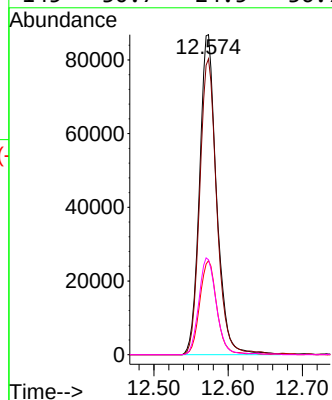


#69
 1,3,5-Trichlorobenzene
 Concen: 4.735 ug/L
 RT: 12.574 min Scan# 3587
 Delta R.T. 0.003 min
 Lab File: VV038494.D
 Acq: 21 Jan 2025 19:25

Instrument :
 MSVOA_V
 ClientSampleId :

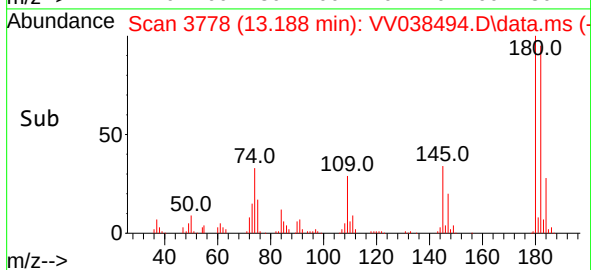
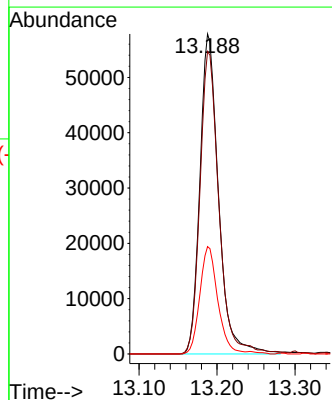
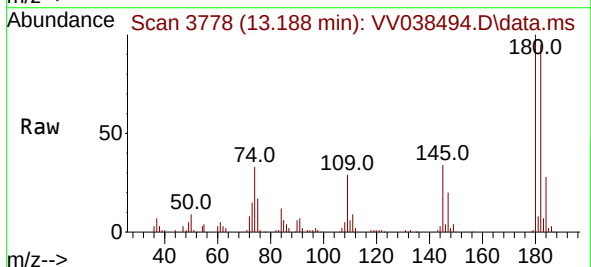


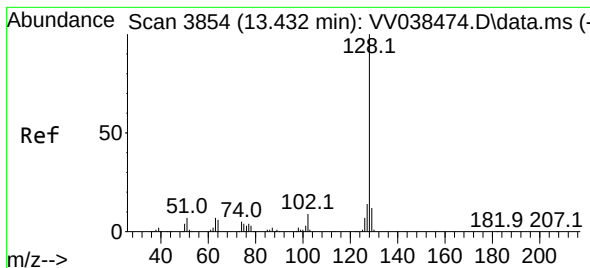
Tgt Ion:180 Resp: 138608
 Ion Ratio Lower Upper
 180 100
 182 92.8 74.3 111.5
 184 29.2 23.2 34.8
 145 30.7 24.5 36.7



#70
 1,2,4-trichlorobenzene
 Concen: 4.417 ug/L
 RT: 13.188 min Scan# 3778
 Delta R.T. -0.000 min
 Lab File: VV038494.D
 Acq: 21 Jan 2025 19:25

Tgt Ion:180 Resp: 96098
 Ion Ratio Lower Upper
 180 100
 182 95.5 77.5 116.3
 145 32.2 26.2 39.4





#71

Naphthalene

Concen: 3.493 ug/L

RT: 13.432 min Scan# 3854

Delta R.T. -0.000 min

Lab File: VV038494.D

Acq: 21 Jan 2025 19:25

Instrument :

MSVOA_V

ClientSampleId :

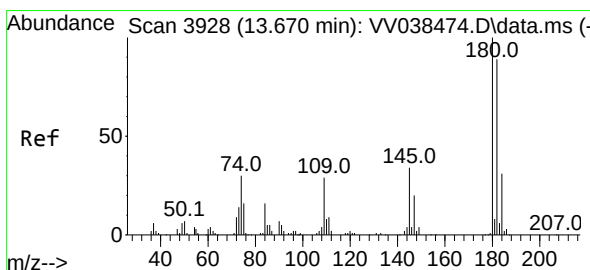
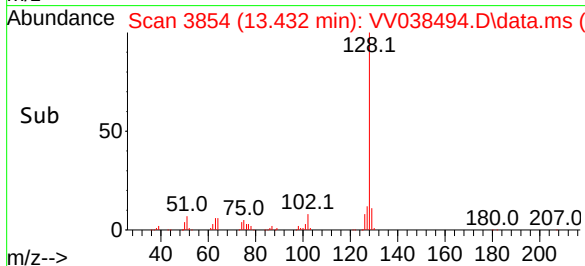
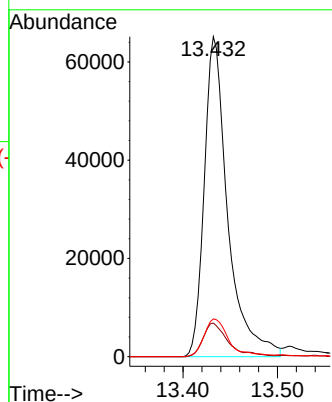
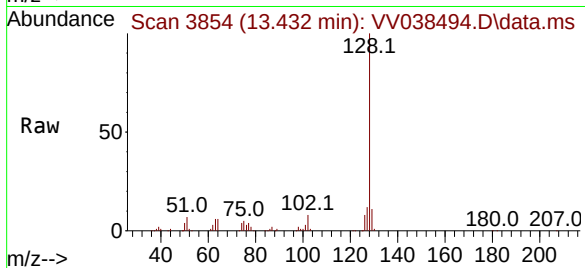
Tgt Ion:128 Resp: 112591

Ion Ratio Lower Upper

128 100

129 11.2 8.3 12.5

127 12.5 11.0 16.6



#72

1,2,3-Trichlorobenzene

Concen: 4.326 ug/L

RT: 13.670 min Scan# 3928

Delta R.T. -0.000 min

Lab File: VV038494.D

Acq: 21 Jan 2025 19:25

Tgt Ion:180 Resp: 81369

Ion Ratio Lower Upper

180 100

182 98.6 77.0 115.6

145 34.4 27.1 40.7

