

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV120524\
 Data File : VV038415.D
 Acq On : 05 Dec 2024 12:02
 Operator : SY/MD
 Sample : P4776-02
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 06 01:30:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120224WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 06 01:27:20 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.526	114	501795	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	504970	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	230178	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	186349	44.444	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	88.880%	
7) Chloroethane-d5	1.526	69	156309	44.246	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	88.500%	
11) 1,1-Dichloroethene-d2	2.050	65	83310	46.867	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	93.740%	
21) 2-Butanone-d5	3.783	46	228660	114.597	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	114.600%	
24) Chloroform-d	4.236	84	358545	47.000	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	94.000%	
26) 1,2-Dichloroethane-d4	4.931	65	219615	48.764	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	97.520%	
32) Benzene-d6	4.947	84	691915	47.557	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	95.120%	
36) 1,2-Dichloropropane-d6	5.979	67	227082	50.195	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	100.380%	
41) Toluene-d8	7.236	98	592658	45.039	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	90.080%	
43) trans-1,3-Dichloroprop...	7.548	79	98526	45.030	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	90.060%	
47) 2-Hexanone-d5	8.017	63	146372	105.947	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	105.950%	
56) 1,1,2,2-Tetrachloroeth...	10.146	84	318051	50.268	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	100.540%	
66) 1,2-Dichlorobenzene-d4	11.554	152	228884	51.431	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	102.860%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	11761	2.552	ug/L	97
3) Chloromethane	1.211	50	11705	2.448	ug/L	98
5) Vinyl chloride	1.278	62	13894	2.849	ug/L	83
6) Bromomethane	1.481	94	7957	2.634	ug/L	100
8) Chloroethane	1.542	64	7904	2.562	ug/L	100
9) Trichlorofluoromethane	1.706	101	16385	2.548	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.056	101	12012	3.244	ug/L	88
12) 1,1-Dichloroethene	2.059	96	11014	3.123	ug/L	# 1
13) Acetone	2.114	43	17429	6.333	ug/L	100
14) Carbon disulfide	2.233	76	29905	2.577	ug/L	95
15) Methyl Acetate	2.381	43	9448	2.653	ug/L	98
16) Methylene chloride	2.442	84	11837	2.782	ug/L	88
17) trans-1,2-Dichloroethene	2.690	96	9570	2.489	ug/L	91
18) Methyl tert-butyl Ether	2.696	73	23138	2.083	ug/L	95
19) 1,1-Dichloroethane	3.104	63	17089	2.423	ug/L	97
20) cis-1,2-Dichloroethene	3.802	96	10210	2.525	ug/L	93
23) Bromochloromethane	4.156	128	3897	1.773	ug/L	90
29) Cyclohexane	4.567	56	12047	2.221	ug/L	99
30) 1,1,1-Trichloroethane	4.510	97	15065	2.361	ug/L	96

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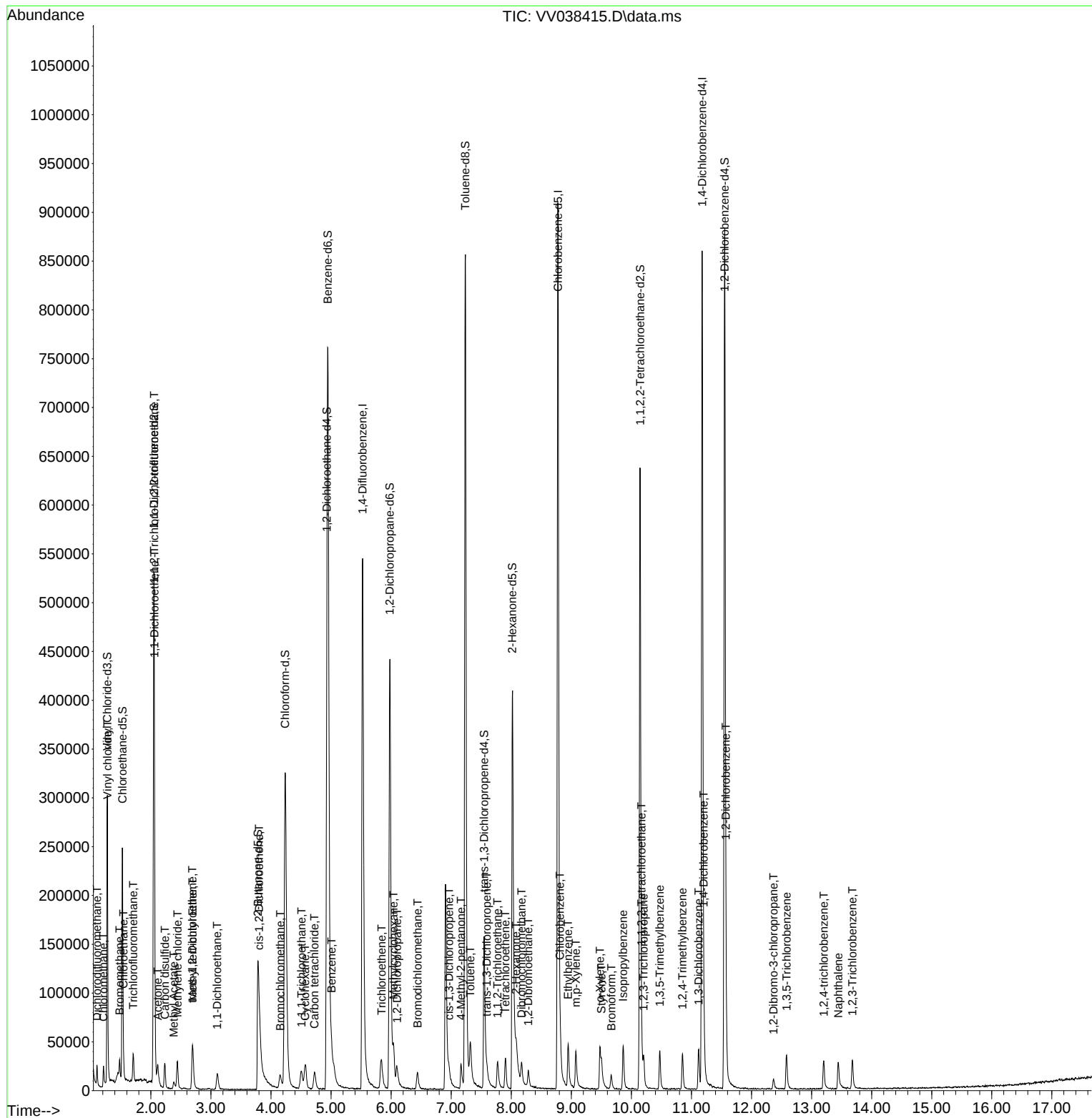
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
31) Carbon tetrachloride	4.722	117	13905	2.480	ug/L	98
33) Benzene	5.008	78	36739	2.410	ug/L	100
34) Trichloroethene	5.841	95	10349	2.541	ug/L	93
35) Methylcyclohexane	6.040	83	12790	2.187	ug/L	97
37) 1,2-Dichloropropane	6.098	63	9342	2.357	ug/L #	97
38) Bromodichloromethane	6.439	83	13316	2.421	ug/L	99
39) cis-1,3-Dichloropropene	6.963	75	13243	2.153	ug/L #	81
40) 4-Methyl-2-pentanone	7.165	43	17785	4.010	ug/L #	92
42) Toluene	7.320	91	37365	2.360	ug/L	99
44) trans-1,3-Dichloropropene	7.590	75	10157	1.710	ug/L	94
45) 1,1,2-Trichloroethane	7.770	97	10855	2.640	ug/L	95
46) Tetrachloroethene	7.902	164	8083	2.571	ug/L	96
48) 2-Hexanone	8.082	43	29352	7.931	ug/L #	80
49) Dibromochloromethane	8.172	129	10834	2.554	ug/L	94
50) 1,2-Dibromoethane	8.284	107	10626	2.452	ug/L	100
51) Chlorobenzene	8.812	112	28184	2.590	ug/L	96
52) Ethylbenzene	8.947	91	33456	1.970	ug/L	99
53) m,p-Xylene	9.075	106	12960	2.013	ug/L	82
54) o-Xylene	9.477	106	11318	1.828	ug/L	95
55) Styrene	9.503	104	18713	1.721	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.168	83	18442	2.887	ug/L #	96
59) Bromoform	9.667	173	6515	2.633	ug/L	99
60) Isopropylbenzene	9.863	105	29622	2.105	ug/L	95
61) 1,2,3-Trichloropropane	10.204	75	12722	3.175	ug/L	98
62) 1,3,5-Trimethylbenzene	10.474	105	22083	1.955	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	21103	1.901	ug/L	94
64) 1,3-Dichlorobenzene	11.120	146	17857	2.472	ug/L	94
65) 1,4-Dichlorobenzene	11.204	146	20350	2.650	ug/L	96
67) 1,2-Dichlorobenzene	11.574	146	20003	2.716	ug/L #	91
68) 1,2-Dibromo-3-chloropr...	12.365	75	3259	3.086	ug/L	95
69) 1,3,5-Trichlorobenzene	12.583	180	12722	2.582	ug/L	97
70) 1,2,4-trichlorobenzene	13.204	180	9782	2.356	ug/L	96
71) Naphthalene	13.445	128	29029	2.579	ug/L	98
72) 1,2,3-Trichlorobenzene	13.680	180	10994	2.699	ug/L	98

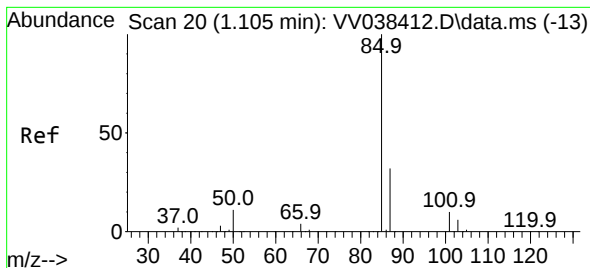
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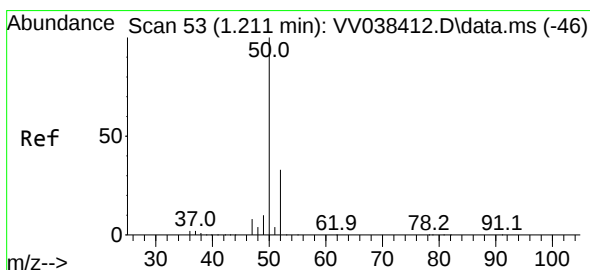
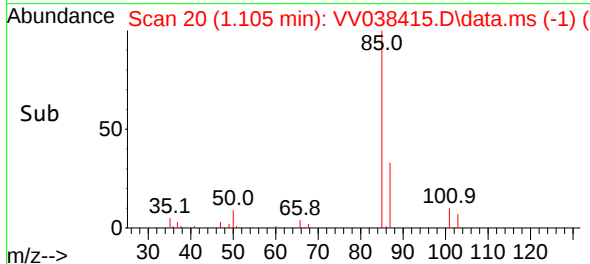
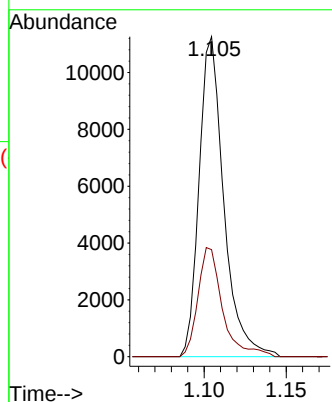
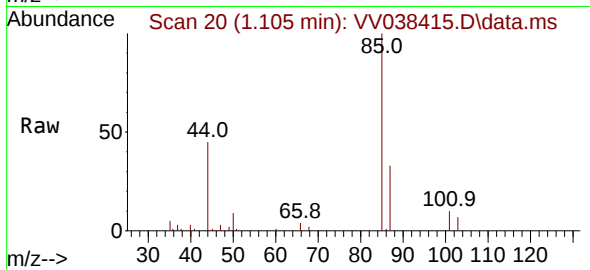




#2
Dichlorodifluoromethane
Concen: 2.552 ug/L
RT: 1.105 min Scan# 20
Delta R.T. -0.000 min
Lab File: VV038415.D
Acq: 05 Dec 2024 12:02

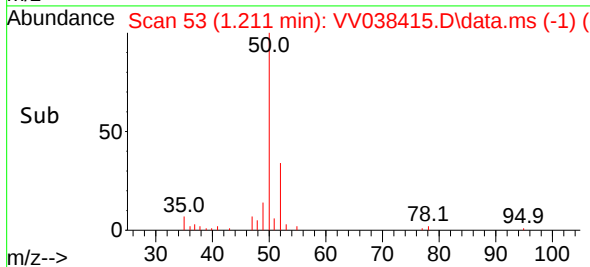
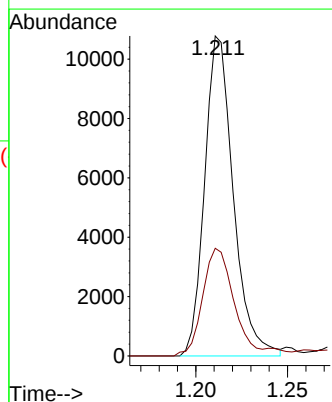
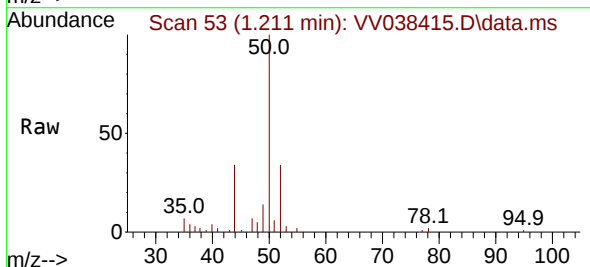
Instrument :
MSVOA_V
ClientSampleId :

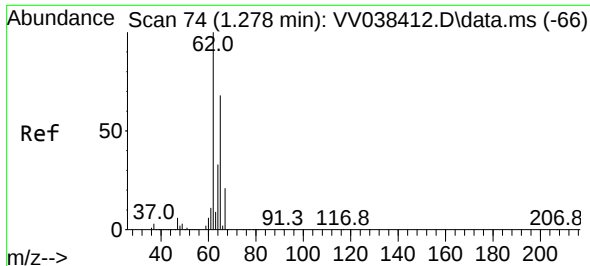
Tgt Ion: 85 Resp: 11761
Ion Ratio Lower Upper
85 100
87 34.0 25.8 38.6



#3
Chloromethane
Concen: 2.448 ug/L
RT: 1.211 min Scan# 53
Delta R.T. -0.000 min
Lab File: VV038415.D
Acq: 05 Dec 2024 12:02

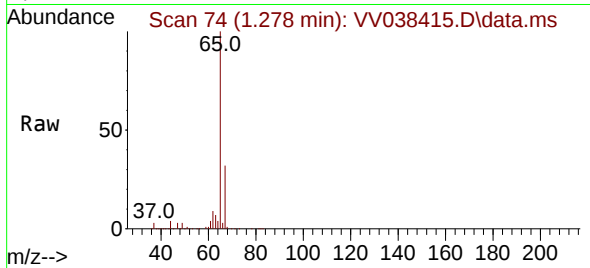
Tgt Ion: 50 Resp: 11705
Ion Ratio Lower Upper
50 100
52 33.7 22.7 42.3



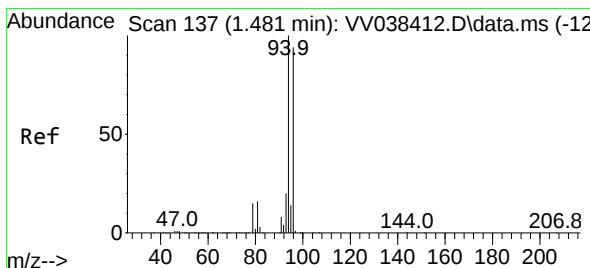
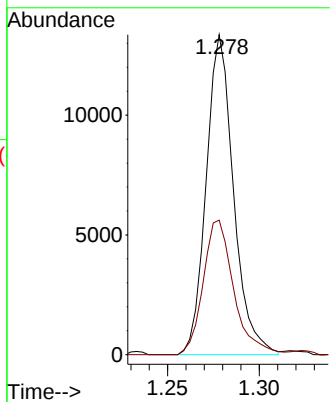
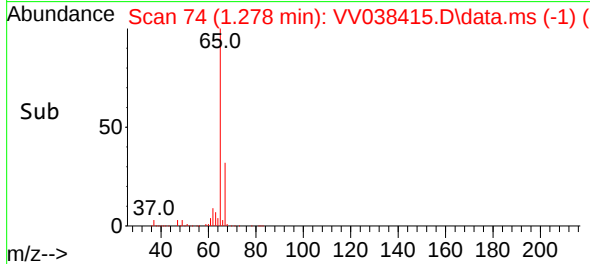


#5
 Vinyl chloride
 Concen: 2.849 ug/L
 RT: 1.278 min Scan# 74
 Delta R.T. -0.000 min
 Lab File: VV038415.D
 Acq: 05 Dec 2024 12:02

Instrument :
 MSVOA_V
 ClientSampleId :

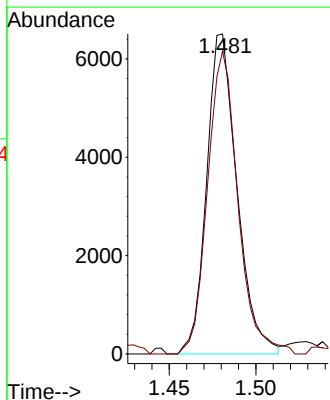
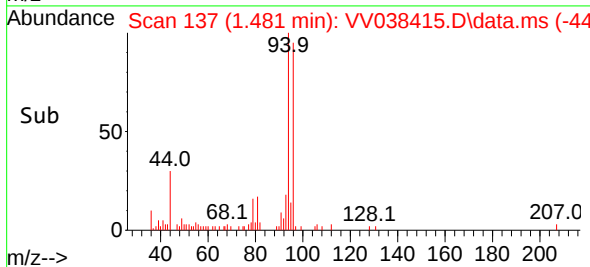
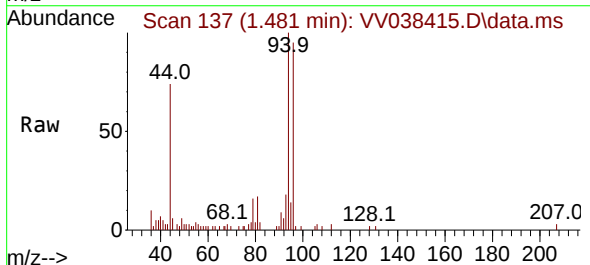


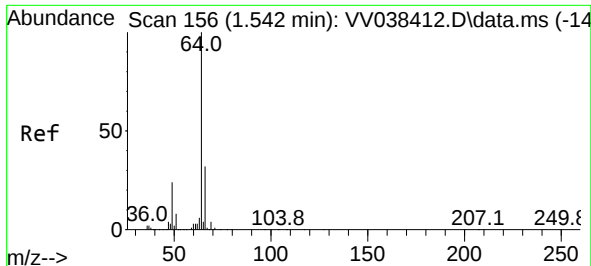
Tgt Ion: 62 Resp: 13894
 Ion Ratio Lower Upper
 62 100
 64 42.1 22.8 42.4



#6
 Bromomethane
 Concen: 2.634 ug/L
 RT: 1.481 min Scan# 137
 Delta R.T. -0.000 min
 Lab File: VV038415.D
 Acq: 05 Dec 2024 12:02

Tgt Ion: 94 Resp: 7957
 Ion Ratio Lower Upper
 94 100
 96 94.5 66.1 122.8

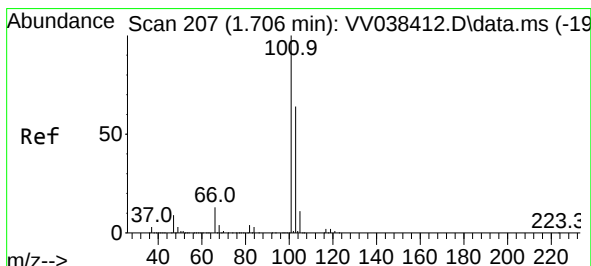
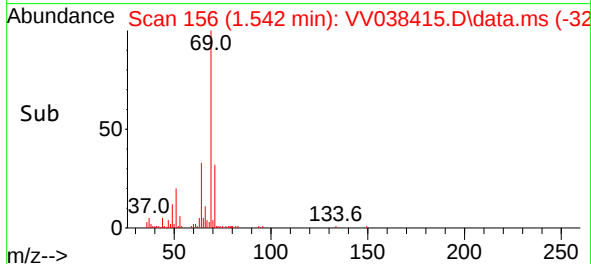
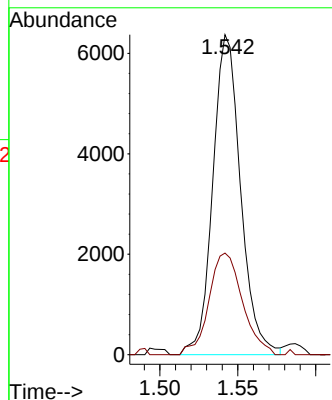
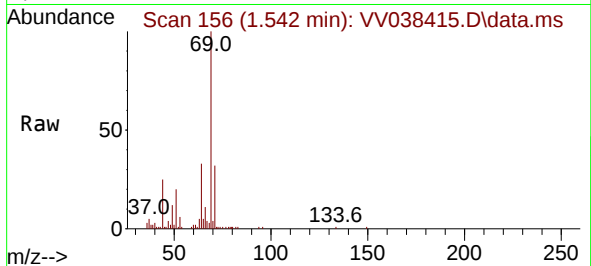




#8
Chloroethane
Concen: 2.562 ug/L
RT: 1.542 min Scan# 156
Delta R.T. -0.000 min
Lab File: VV038415.D
Acq: 05 Dec 2024 12:02

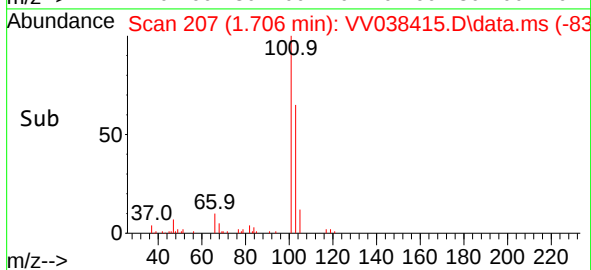
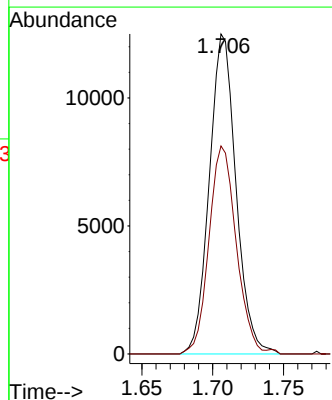
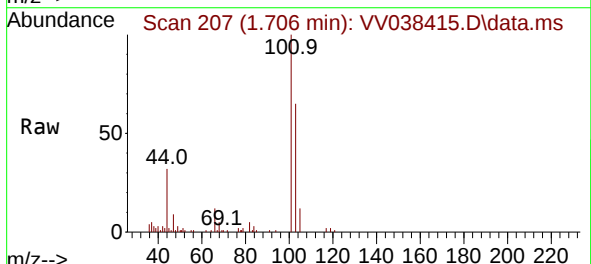
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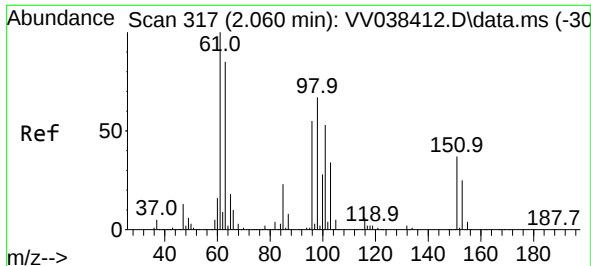
Tgt Ion: 64 Resp: 7904
Ion Ratio Lower Upper
64 100
66 31.8 22.3 41.5



#9
Trichlorofluoromethane
Concen: 2.548 ug/L
RT: 1.706 min Scan# 207
Delta R.T. -0.000 min
Lab File: VV038415.D
Acq: 05 Dec 2024 12:02

Tgt Ion:101 Resp: 16385
Ion Ratio Lower Upper
101 100
103 66.3 51.7 77.5

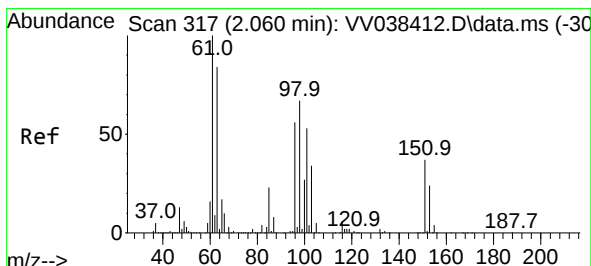
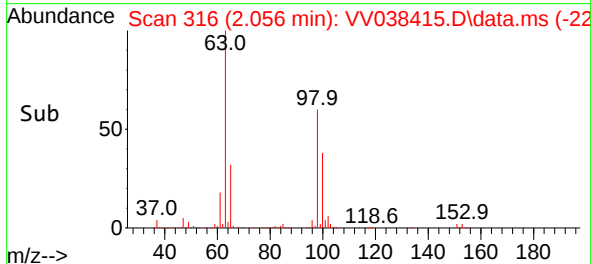
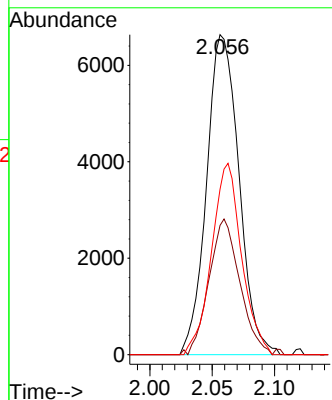
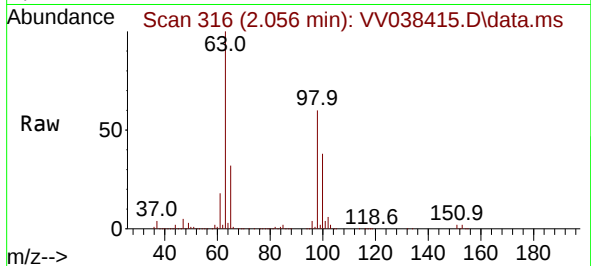




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 3.244 ug/L
 RT: 2.056 min Scan# 316
 Delta R.T. -0.003 min
 Lab File: VV038415.D
 Acq: 05 Dec 2024 12:02

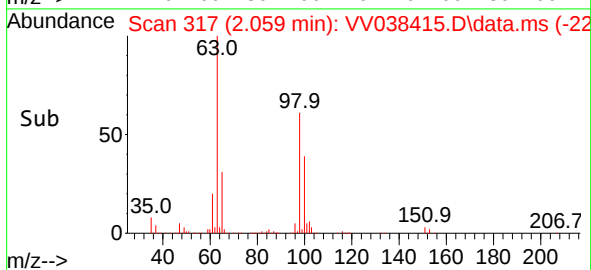
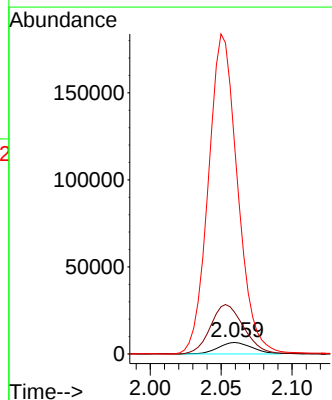
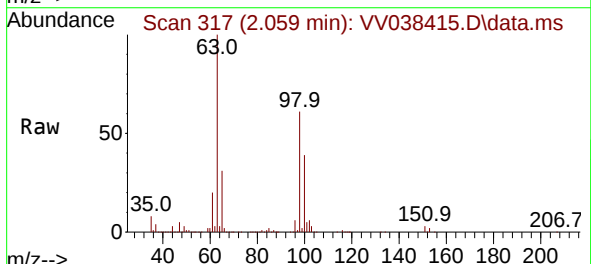
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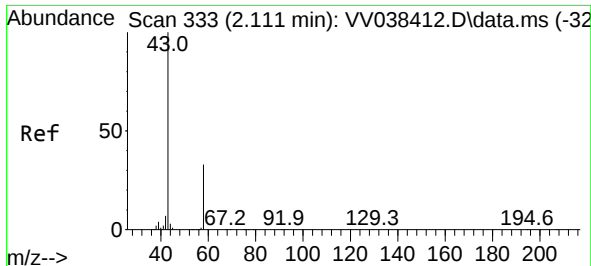
Tgt Ion:101 Resp: 12012
 Ion Ratio Lower Upper
 101 100
 85 40.1 34.7 52.1
 151 55.4 55.3 82.9



#12
 1,1-Dichloroethene
 Concen: 3.123 ug/L
 RT: 2.059 min Scan# 317
 Delta R.T. -0.000 min
 Lab File: VV038415.D
 Acq: 05 Dec 2024 12:02

Tgt Ion: 96 Resp: 11014
 Ion Ratio Lower Upper
 96 100
 61 359.4 120.9 224.5#
 63 1803.0 110.9 205.9#





#13

Acetone

Concen: 6.333 ug/L

RT: 2.114 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV038415.D

Acq: 05 Dec 2024 12:02

Instrument :

MSVOA_V

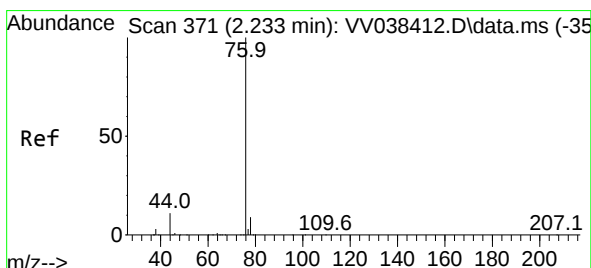
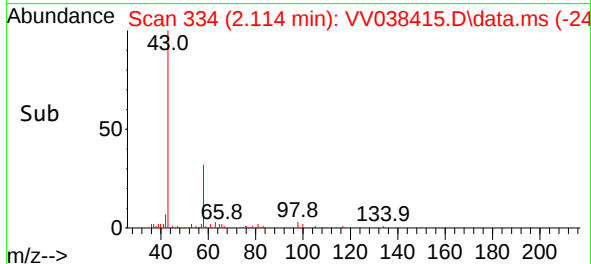
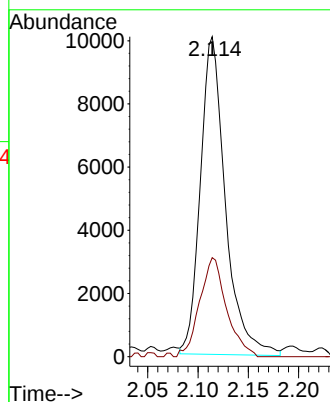
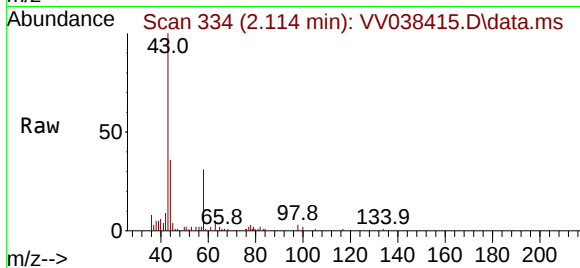
ClientSampleId :

Tgt Ion: 43 Resp: 17429

Ion Ratio Lower Upper

43 100

58 33.3 0.0 67.2



#14

Carbon disulfide

Concen: 2.577 ug/L

RT: 2.233 min Scan# 371

Delta R.T. -0.000 min

Lab File: VV038415.D

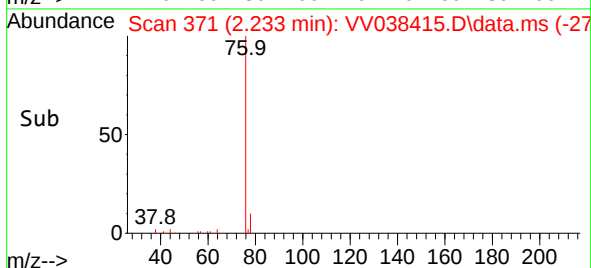
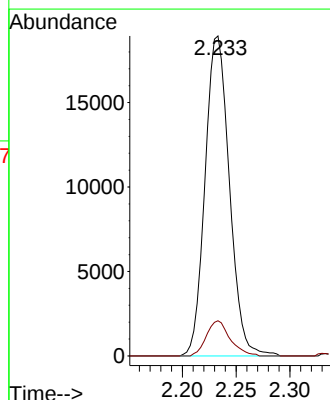
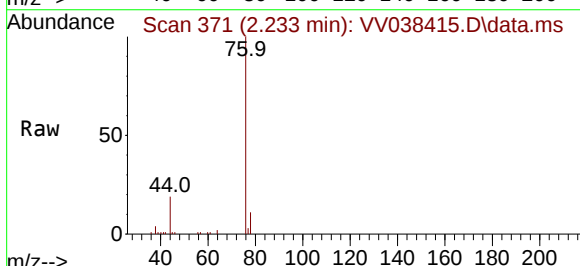
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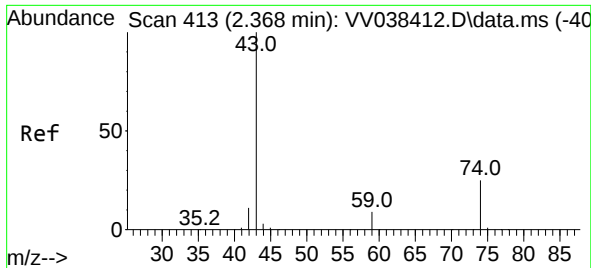
Tgt Ion: 76 Resp: 29905

Ion Ratio Lower Upper

76 100

78 11.0 7.4 11.0

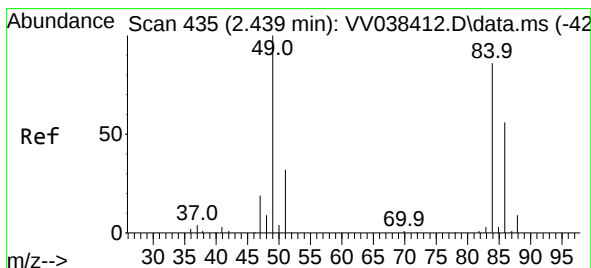
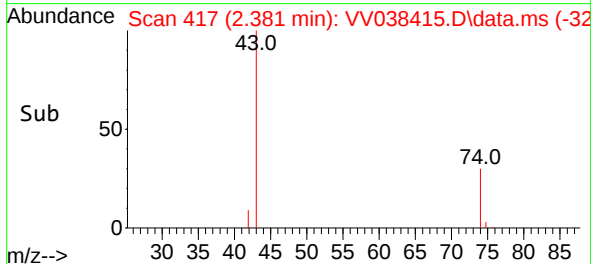
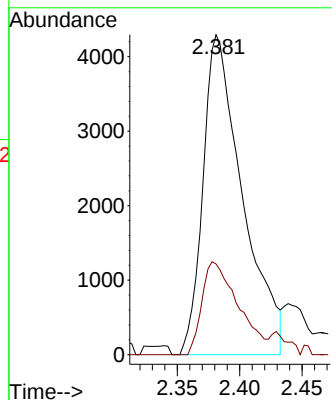
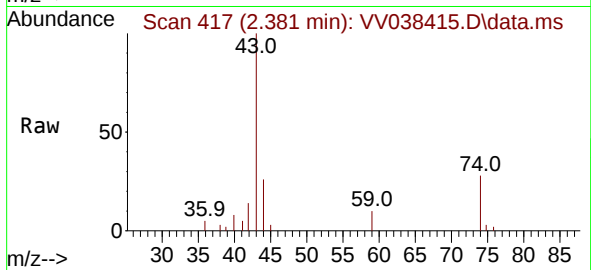




#15
Methyl Acetate
Concen: 2.653 ug/L
RT: 2.381 min Scan# 413
Delta R.T. 0.013 min
Lab File: VV038415.D
Acq: 05 Dec 2024 12:02

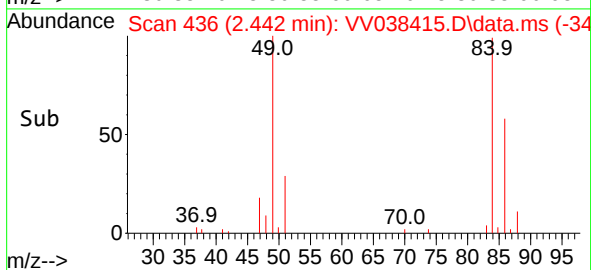
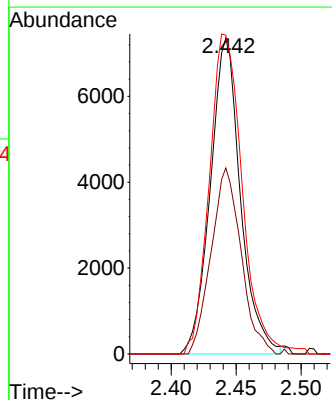
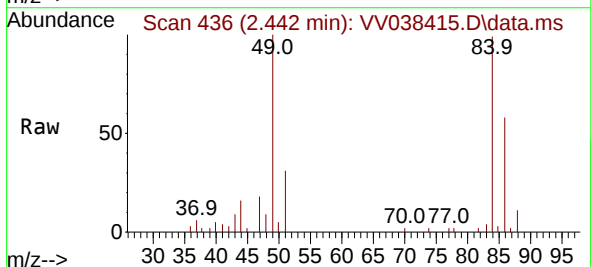
Instrument :
MSVOA_V
ClientSampleId :

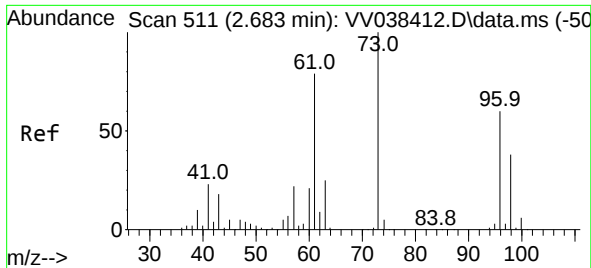
Tgt Ion: 43 Resp: 9448
Ion Ratio Lower Upper
43 100
74 26.9 20.6 31.0



#16
Methylene chloride
Concen: 2.782 ug/L
RT: 2.442 min Scan# 436
Delta R.T. 0.003 min
Lab File: VV038415.D
Acq: 05 Dec 2024 12:02

Tgt Ion: 84 Resp: 11837
Ion Ratio Lower Upper
84 100
86 58.9 44.5 82.7
49 100.9 81.7 151.7

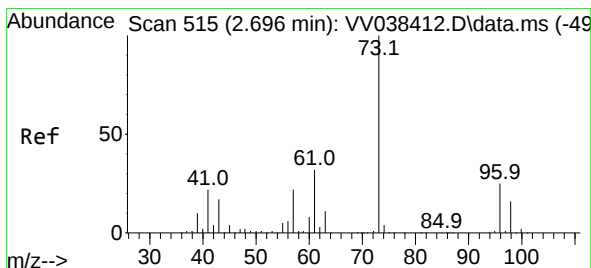
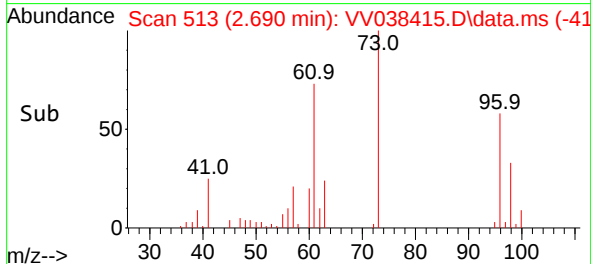
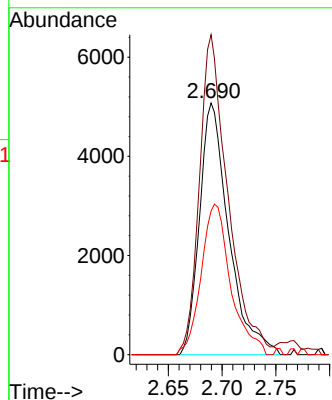
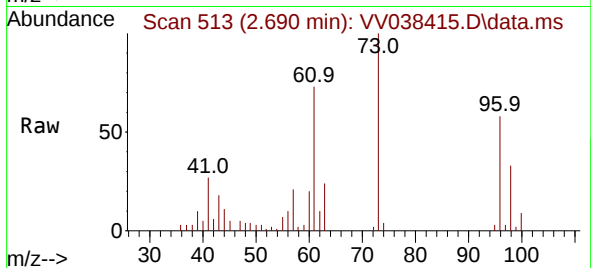




#17
trans-1,2-Dichloroethene
Concen: 2.489 ug/L
RT: 2.690 min Scan# 511
Delta R.T. 0.006 min
Lab File: VV038415.D
Acq: 05 Dec 2024 12:02

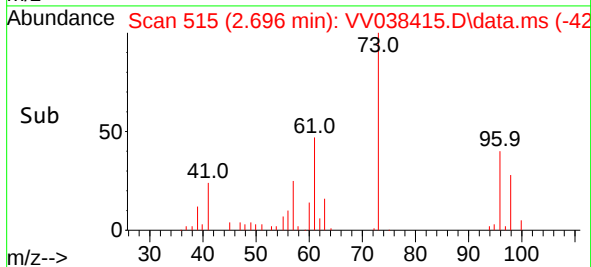
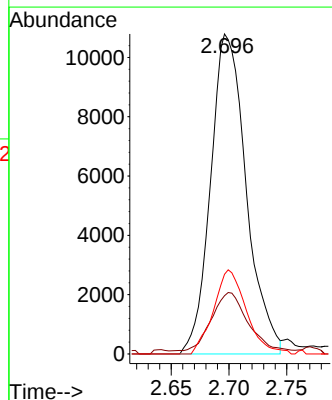
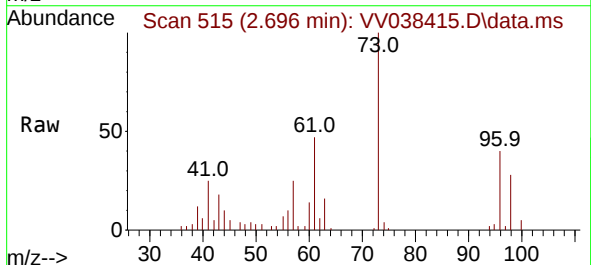
Instrument :
MSVOA_V
ClientSampleId :

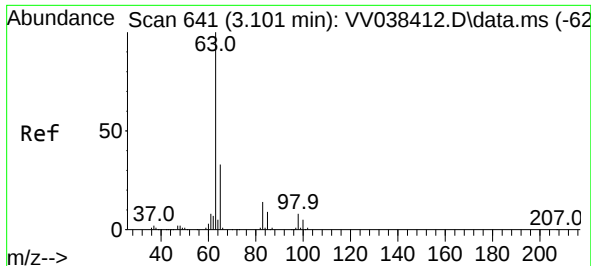
Tgt Ion: 96 Resp: 9570
Ion Ratio Lower Upper
96 100
61 127.2 95.7 177.7
98 57.1 46.4 86.2



#18
Methyl tert-butyl Ether
Concen: 2.083 ug/L
RT: 2.696 min Scan# 515
Delta R.T. -0.000 min
Lab File: VV038415.D
Acq: 05 Dec 2024 12:02

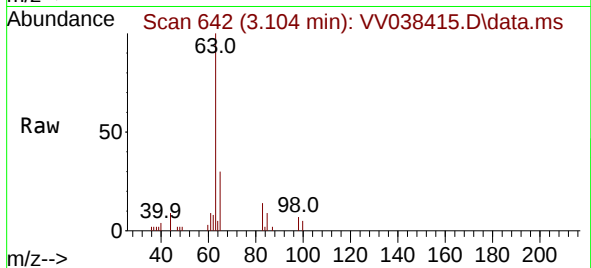
Tgt Ion: 73 Resp: 23138
Ion Ratio Lower Upper
73 100
43 20.8 14.7 22.1
57 24.2 17.7 26.5



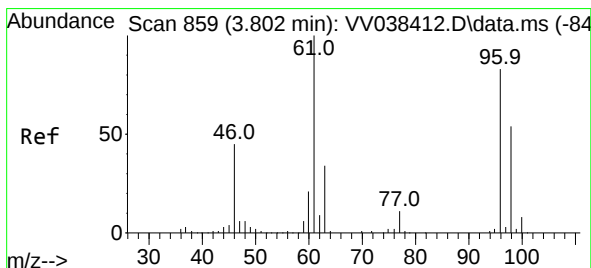
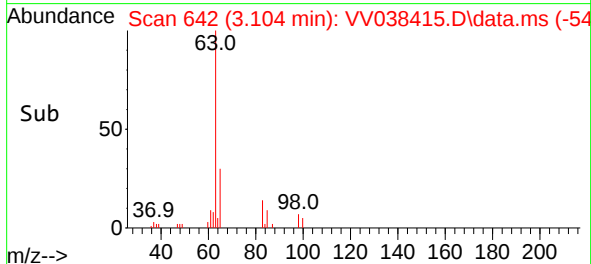
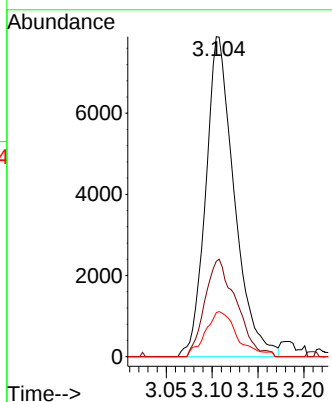


#19
1,1-Dichloroethane
Concen: 2.423 ug/L
RT: 3.104 min Scan# 641
Delta R.T. 0.003 min
Lab File: VV038415.D
Acq: 05 Dec 2024 12:02

Instrument :
MSVOA_V
ClientSampleId :

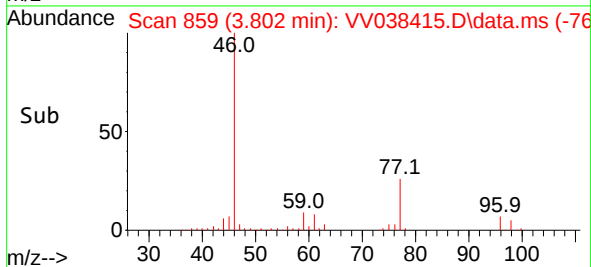
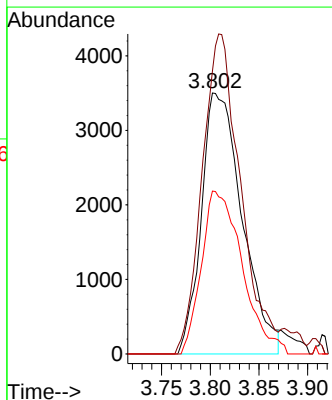
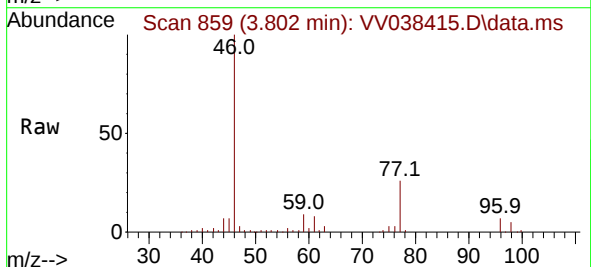


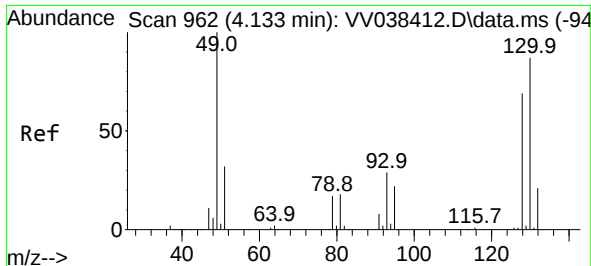
Tgt Ion:	63	Resp:	17089
Ion	Ratio	Lower	Upper
63	100		
65	29.8	22.6	42.0
83	13.7	9.8	18.2



#20
cis-1,2-Dichloroethene
Concen: 2.525 ug/L
RT: 3.802 min Scan# 859
Delta R.T. -0.000 min
Lab File: VV038415.D
Acq: 05 Dec 2024 12:02

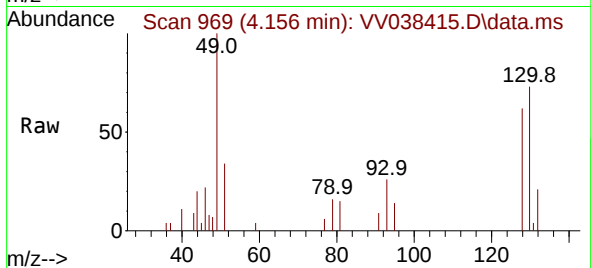
Tgt Ion:	96	Resp:	10210
Ion	Ratio	Lower	Upper
96	100		
61	108.4	83.5	155.1
98	62.4	44.6	82.8





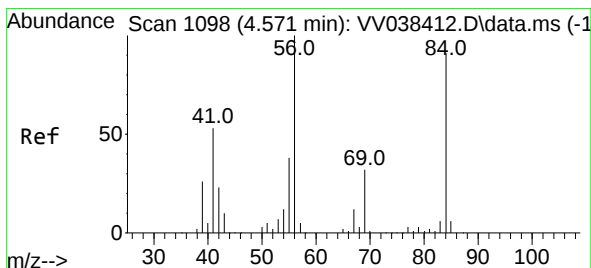
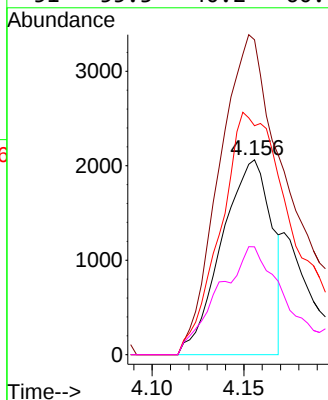
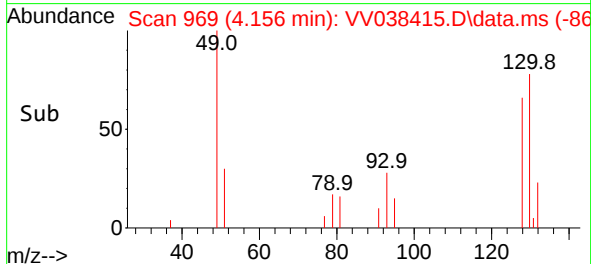
#23
Bromochloromethane
Concen: 1.773 ug/L
RT: 4.156 min Scan# 90
Delta R.T. 0.022 min
Lab File: VV038415.D
Acq: 05 Dec 2024 12:02

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 3897

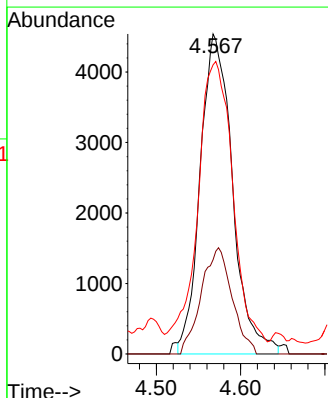
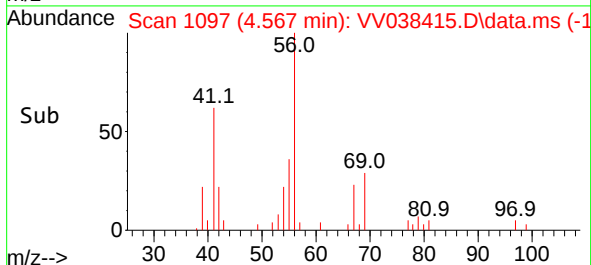
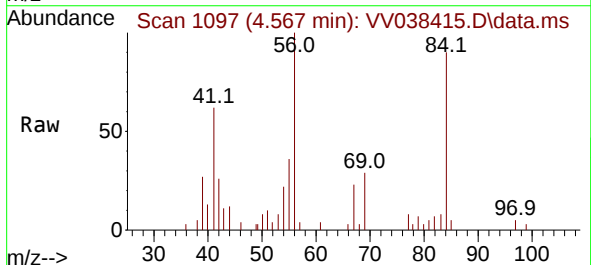
Ion	Ratio	Lower	Upper
128	100		
49	161.5	106.7	198.3
130	117.4	93.2	173.2
51	55.3	40.2	60.4

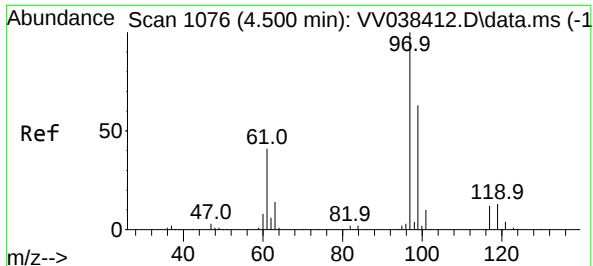


#29
Cyclohexane
Concen: 2.221 ug/L
RT: 4.567 min Scan# 1097
Delta R.T. -0.003 min
Lab File: VV038415.D
Acq: 05 Dec 2024 12:02

Tgt Ion: 56 Resp: 12047

Ion	Ratio	Lower	Upper
56	100		
69	31.8	24.8	37.2
84	93.0	73.7	110.5





#30

1,1,1-Trichloroethane

Concen: 2.361 ug/L

RT: 4.510 min Scan# 1107

Delta R.T. 0.010 min

Lab File: VV038415.D

Acq: 05 Dec 2024 12:02

Instrument :

MSVOA_V

ClientSampleId :

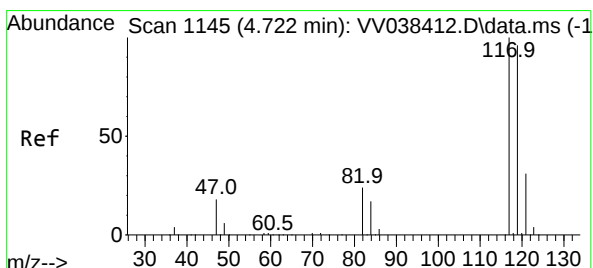
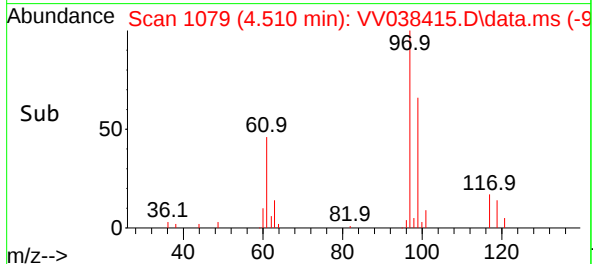
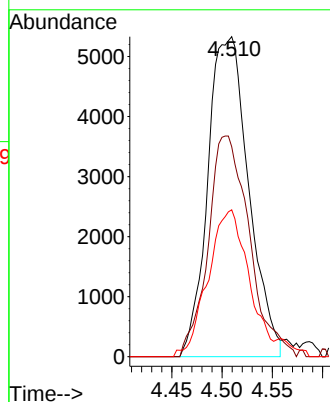
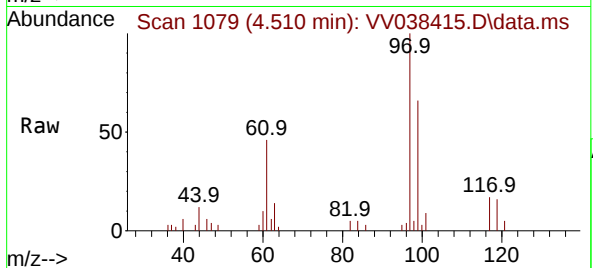
Tgt Ion: 97 Resp: 15065

Ion Ratio Lower Upper

97 100

99 69.4 52.3 78.5

61 43.6 33.6 50.4



#31

Carbon tetrachloride

Concen: 2.480 ug/L

RT: 4.722 min Scan# 1145

Delta R.T. -0.000 min

Lab File: VV038415.D

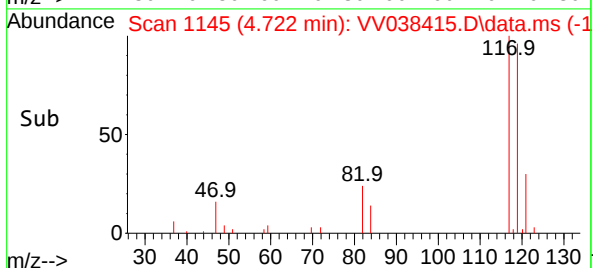
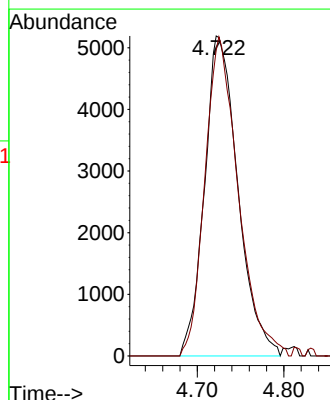
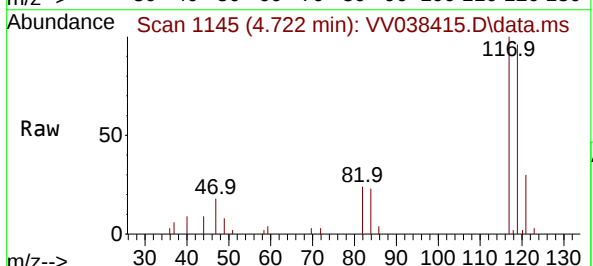
Acq: 05 Dec 2024 12:02

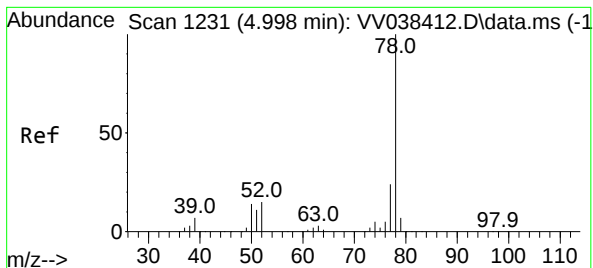
Tgt Ion: 117 Resp: 13905

Ion Ratio Lower Upper

117 100

119 99.6 77.7 116.5





#33

Benzene

Concen: 2.410 ug/L

RT: 5.008 min Scan# 11

Delta R.T. 0.010 min

Lab File: VV038415.D

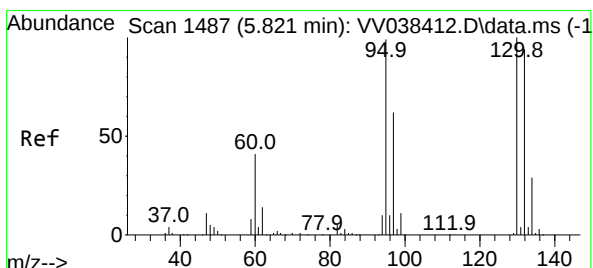
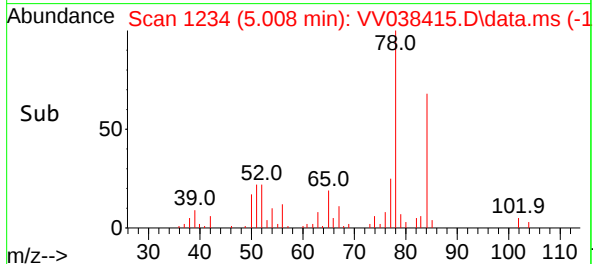
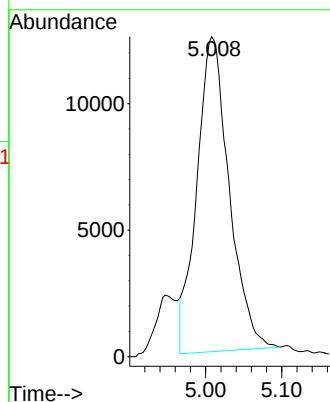
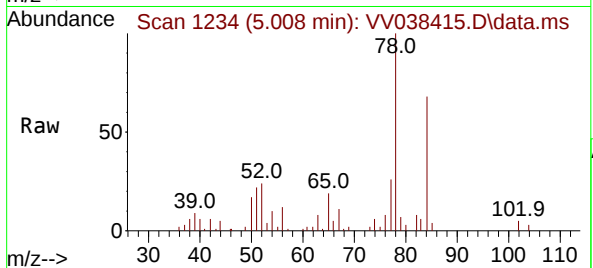
Acq: 05 Dec 2024 12:02

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 78 Resp: 36739



#34

Trichloroethene

Concen: 2.541 ug/L

RT: 5.841 min Scan# 1493

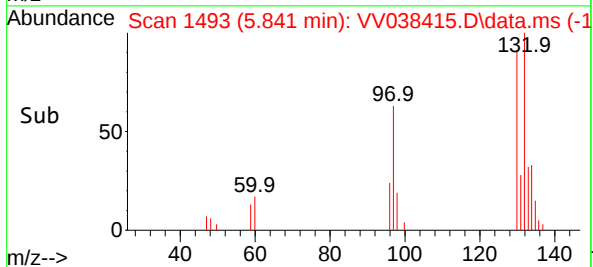
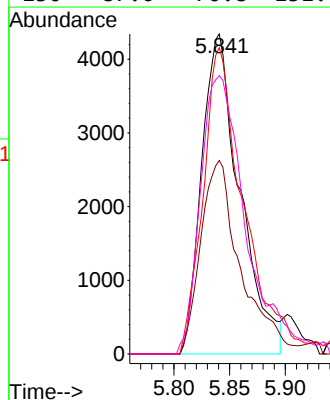
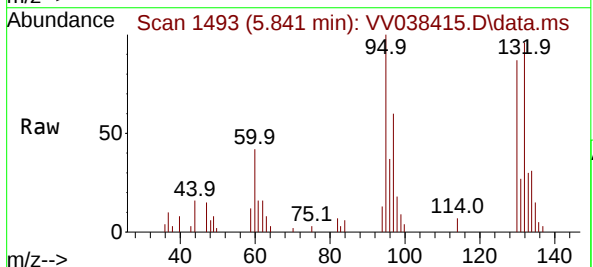
Delta R.T. 0.019 min

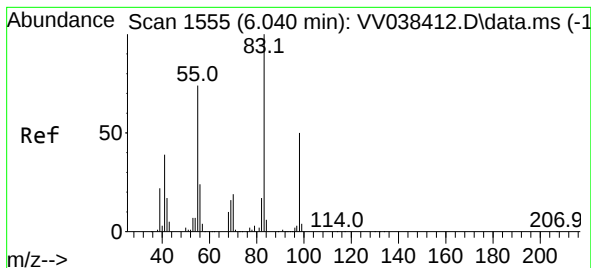
Lab File: VV038415.D

Acq: 05 Dec 2024 12:02

Tgt Ion: 95 Resp: 10349

Ion	Ratio	Lower	Upper
95	100		
97	60.4	45.6	84.8
132	95.7	67.6	125.6
130	87.0	70.8	131.6





#35

Methylcyclohexane

Concen: 2.187 ug/L

RT: 6.040 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV038415.D

Acq: 05 Dec 2024 12:02

Instrument :

MSVOA_V

ClientSampleId :

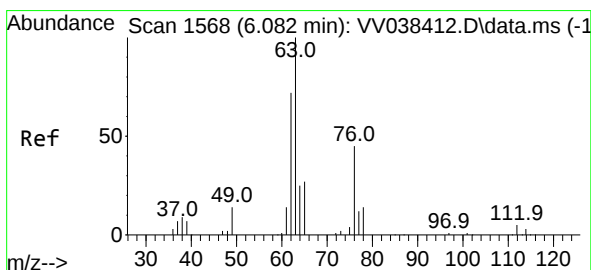
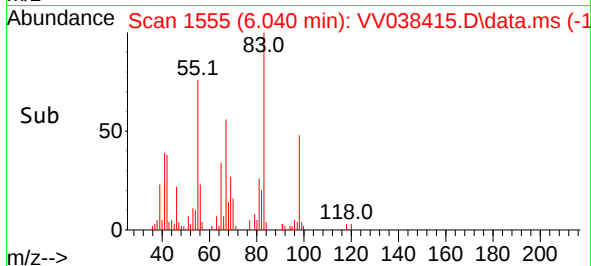
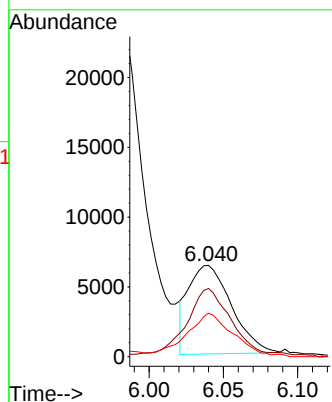
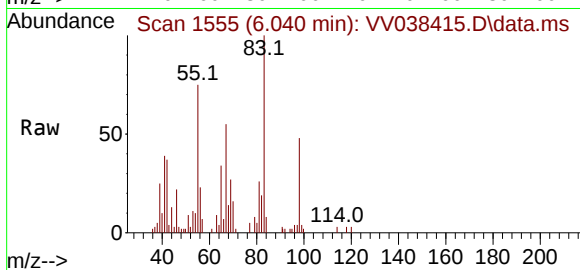
Tgt Ion: 83 Resp: 12790

Ion Ratio Lower Upper

83 100

55 75.2 59.0 88.6

98 53.0 39.5 59.3



#37

1,2-Dichloropropane

Concen: 2.357 ug/L

RT: 6.098 min Scan# 1573

Delta R.T. 0.016 min

Lab File: VV038415.D

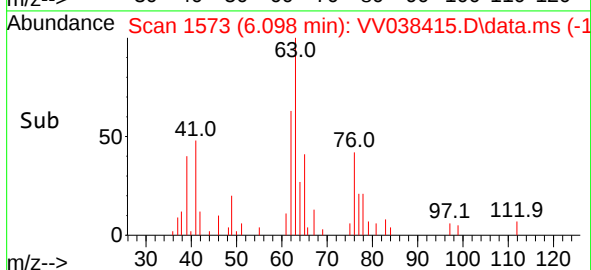
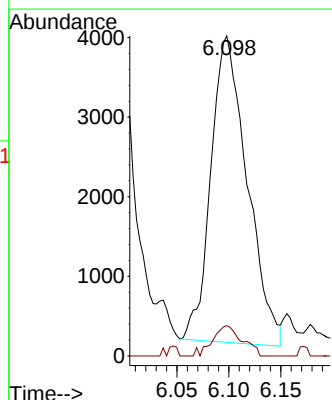
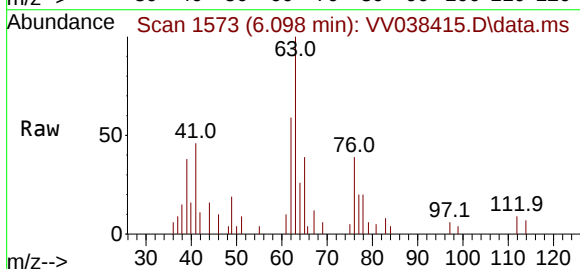
Acq: 05 Dec 2024 12:02

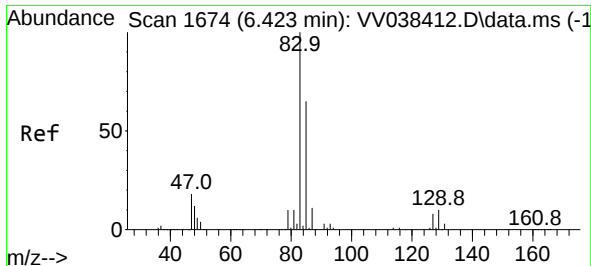
Tgt Ion: 63 Resp: 9342

Ion Ratio Lower Upper

63 100

112 3.6 3.8 5.6#

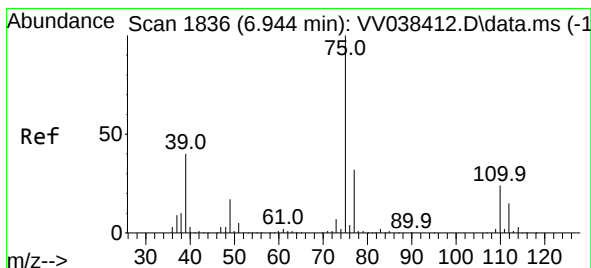
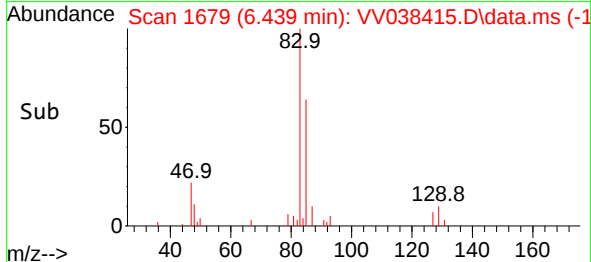
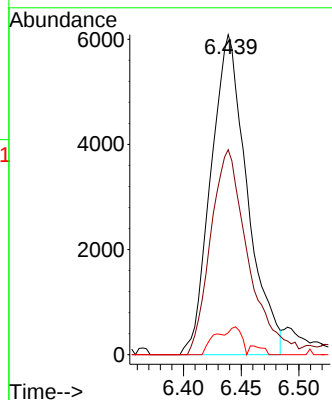
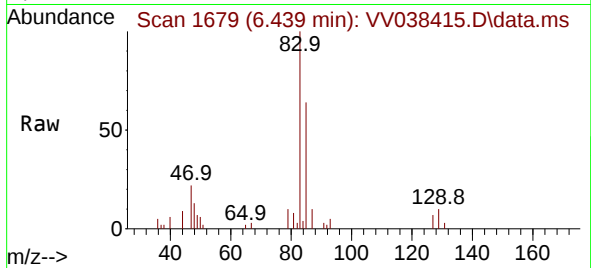




#38
Bromodichloromethane
Concen: 2.421 ug/L
RT: 6.439 min Scan# 1
Delta R.T. 0.016 min
Lab File: VV038415.D
Acq: 05 Dec 2024 12:02

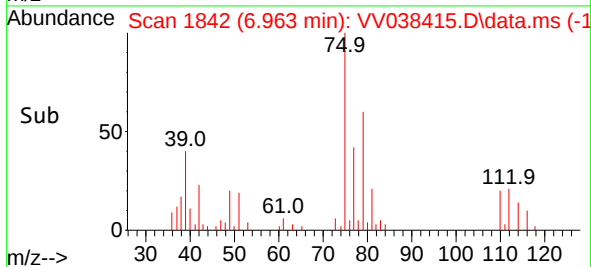
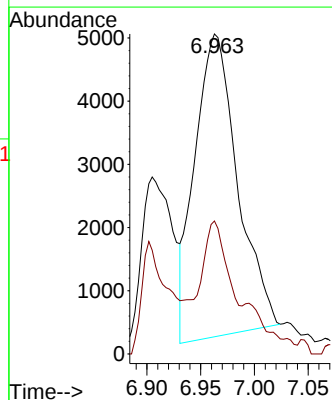
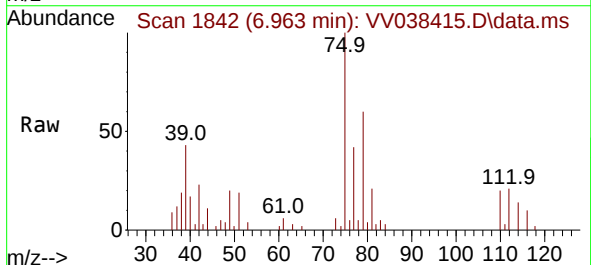
Instrument :
MSVOA_V
ClientSampleId :

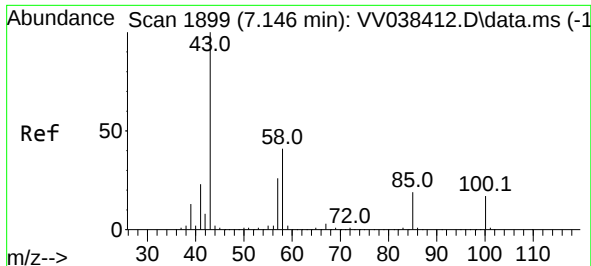
Tgt Ion: 83 Resp: 13316
Ion Ratio Lower Upper
83 100
85 64.1 44.9 83.5
127 6.8 6.8 10.2



#39
cis-1,3-Dichloropropene
Concen: 2.153 ug/L
RT: 6.963 min Scan# 1842
Delta R.T. 0.019 min
Lab File: VV038415.D
Acq: 05 Dec 2024 12:02

Tgt Ion: 75 Resp: 13243
Ion Ratio Lower Upper
75 100
77 41.5 21.9 40.7#





#40

4-Methyl-2-pentanone

Concen: 4.010 ug/L

RT: 7.165 min Scan# 1905

Delta R.T. 0.019 min

Lab File: VV038415.D

Acq: 05 Dec 2024 12:02

Instrument :

MSVOA_V

ClientSampleId :

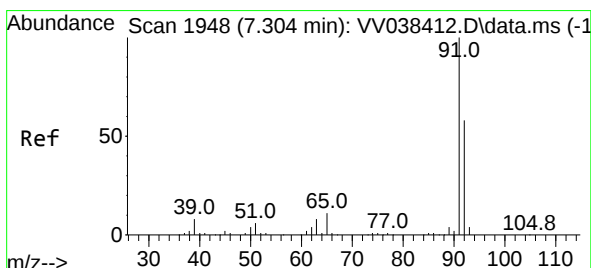
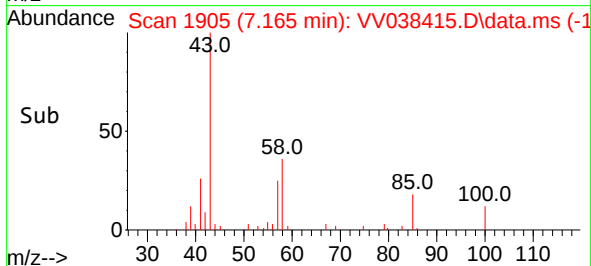
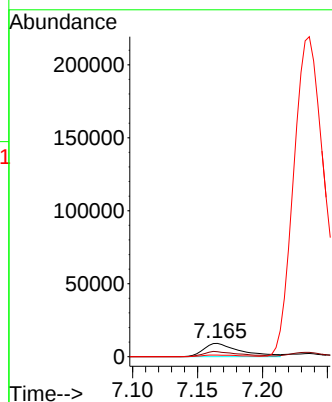
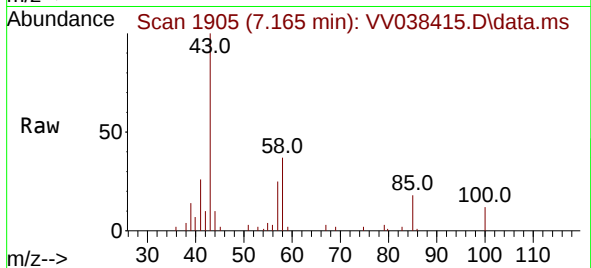
Tgt Ion: 43 Resp: 17785

Ion Ratio Lower Upper

43 100

58 39.0 32.7 49.1

100 8.0 13.7 20.5#



#42

Toluene

Concen: 2.360 ug/L

RT: 7.320 min Scan# 1953

Delta R.T. 0.016 min

Lab File: VV038415.D

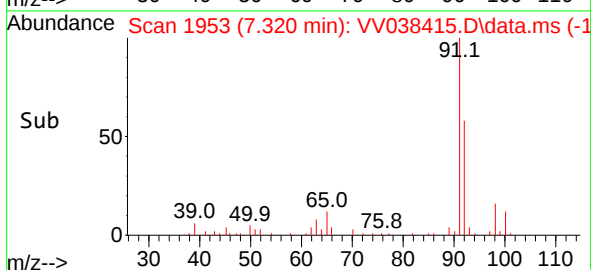
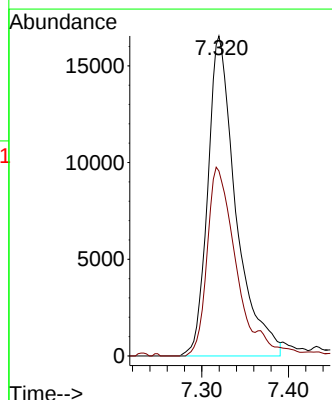
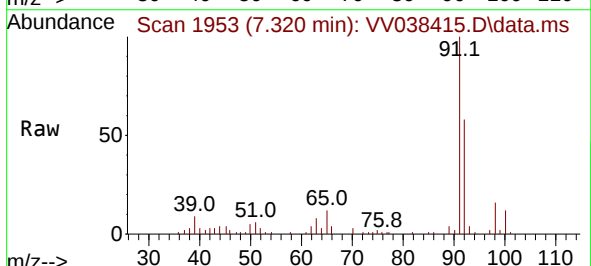
Acq: 05 Dec 2024 12:02

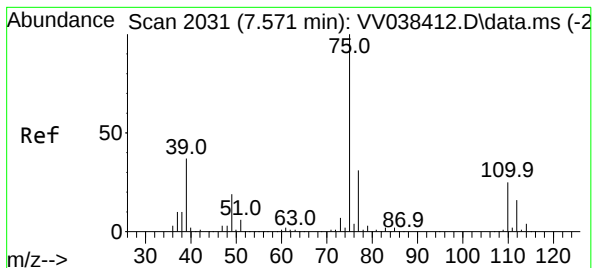
Tgt Ion: 91 Resp: 37365

Ion Ratio Lower Upper

91 100

92 57.8 41.2 76.4





#44

trans-1,3-Dichloropropene

Concen: 1.710 ug/L

RT: 7.590 min Scan# 2037

Delta R.T. 0.019 min

Lab File: VV038415.D

Acq: 05 Dec 2024 12:02

Instrument :

MSVOA_V

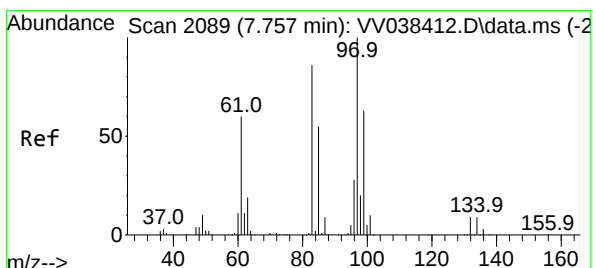
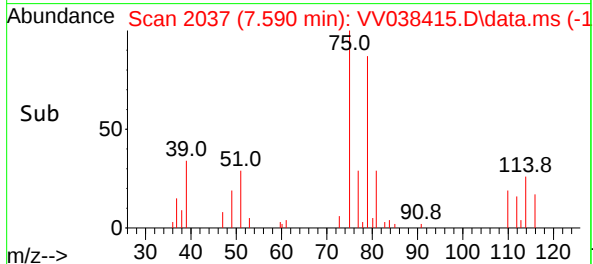
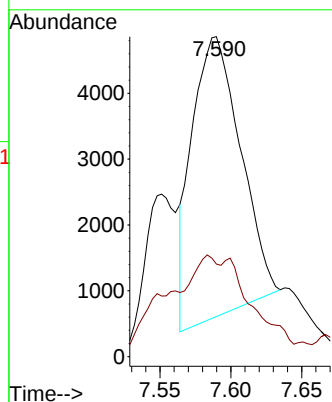
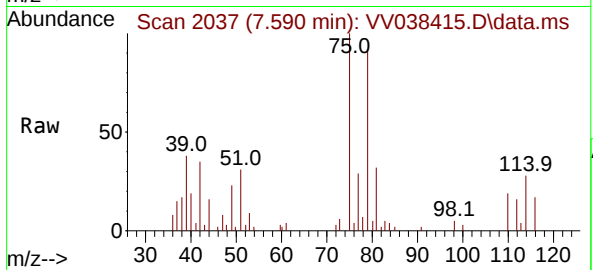
ClientSampleId :

Tgt Ion: 75 Resp: 10157

Ion Ratio Lower Upper

75 100

77 28.9 22.7 42.1



#45

1,1,2-Trichloroethane

Concen: 2.640 ug/L

RT: 7.770 min Scan# 2093

Delta R.T. 0.013 min

Lab File: VV038415.D

Acq: 05 Dec 2024 12:02

Tgt Ion: 97 Resp: 10855

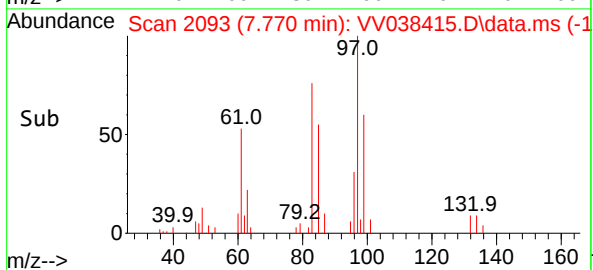
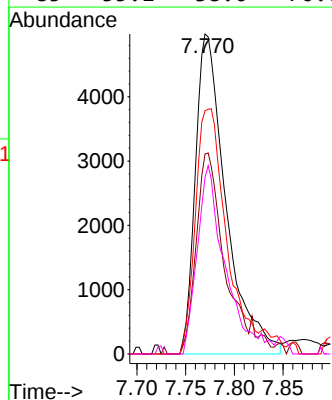
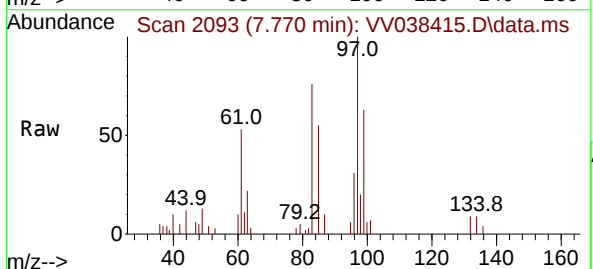
Ion Ratio Lower Upper

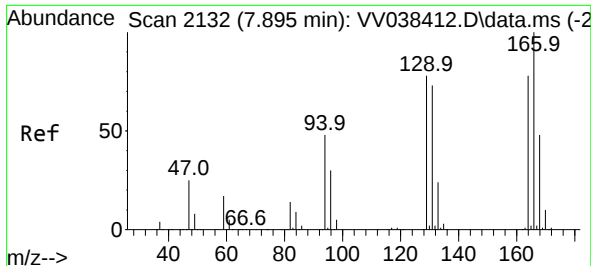
97 100

99 62.5 43.6 81.0

83 76.0 60.5 112.5

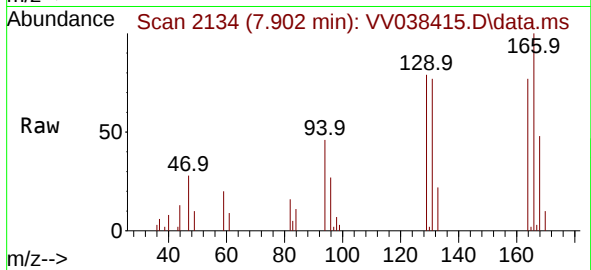
85 55.1 38.0 70.6



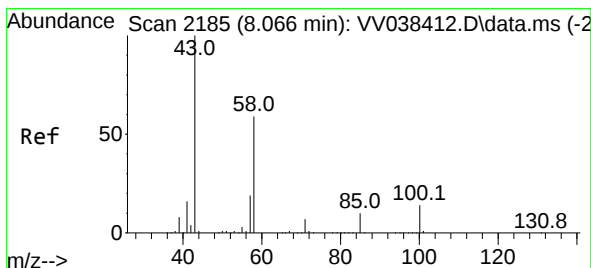
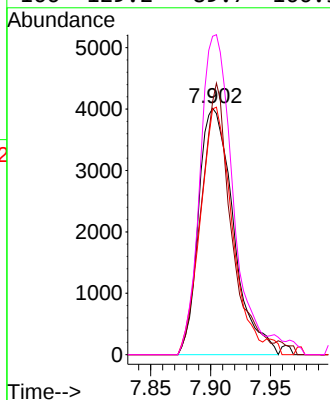
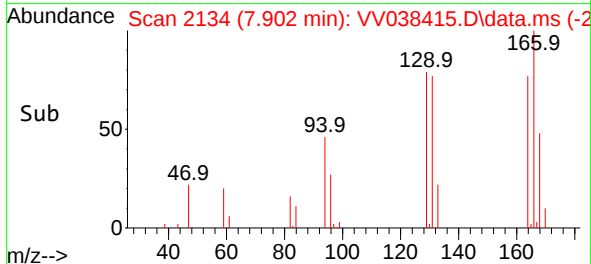


#46
Tetrachloroethene
Concen: 2.571 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. 0.006 min
Lab File: VV038415.D
Acq: 05 Dec 2024 12:02

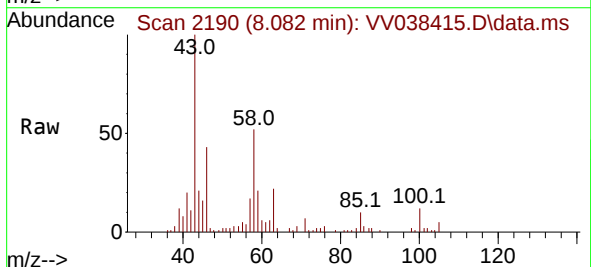
Instrument :
MSVOA_V
ClientSampleId :



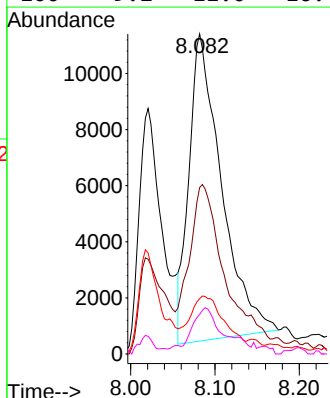
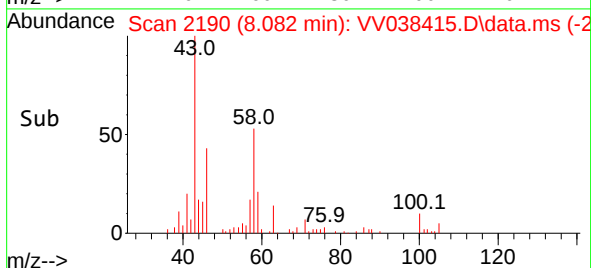
Tgt Ion:	164	Resp:	8083
Ion	Ratio	Lower	Upper
164	100		
129	102.6	69.2	128.4
131	99.8	63.1	117.3
166	129.2	89.7	166.5

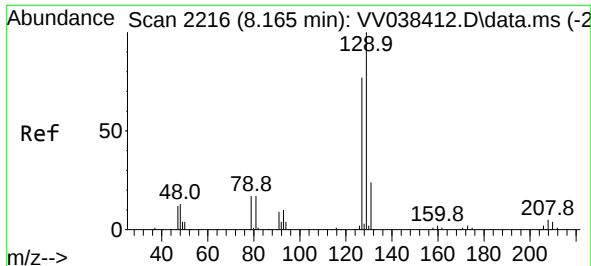


#48
2-Hexanone
Concen: 7.931 ug/L
RT: 8.082 min Scan# 2190
Delta R.T. 0.016 min
Lab File: VV038415.D
Acq: 05 Dec 2024 12:02



Tgt Ion:	43	Resp:	29352
Ion	Ratio	Lower	Upper
43	100		
58	42.1	48.0	72.0#
57	13.3	15.5	23.3#
100	9.2	11.0	16.4#





#49

Dibromochloromethane

Concen: 2.554 ug/L

RT: 8.172 min Scan# 21

Delta R.T. 0.006 min

Lab File: VV038415.D

Acq: 05 Dec 2024 12:02

Instrument :

MSVOA_V

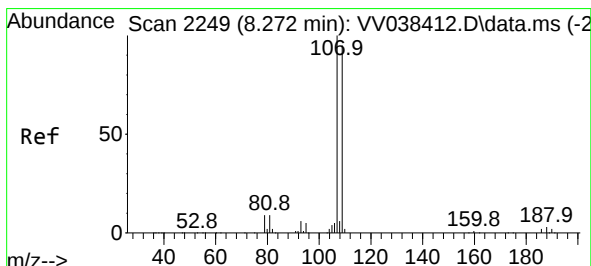
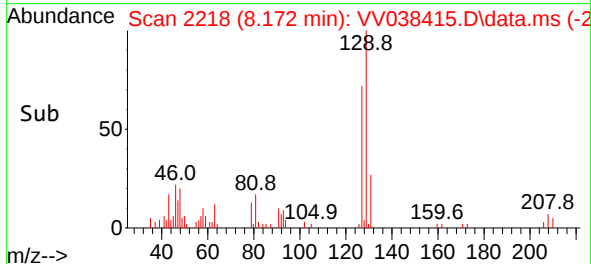
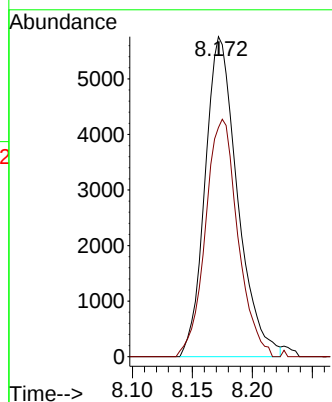
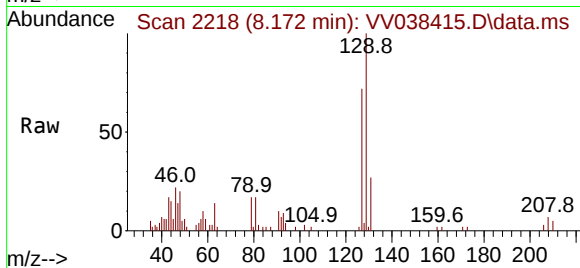
ClientSampleId :

Tgt Ion:129 Resp: 10834

Ion Ratio Lower Upper

129 100

127 71.6 53.8 100.0



#50

1,2-Dibromoethane

Concen: 2.452 ug/L

RT: 8.284 min Scan# 2253

Delta R.T. 0.013 min

Lab File: VV038415.D

Acq: 05 Dec 2024 12:02

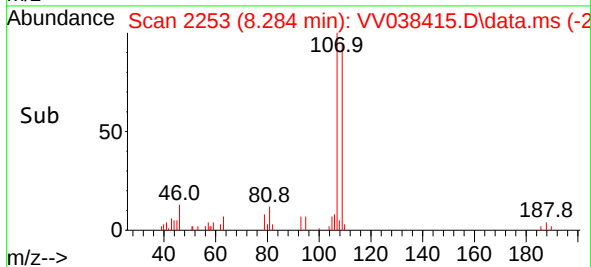
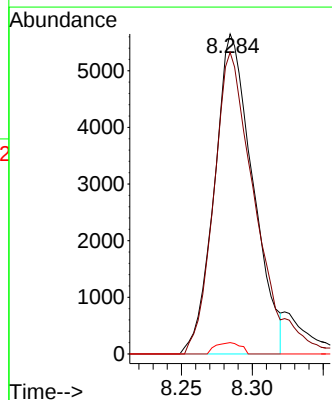
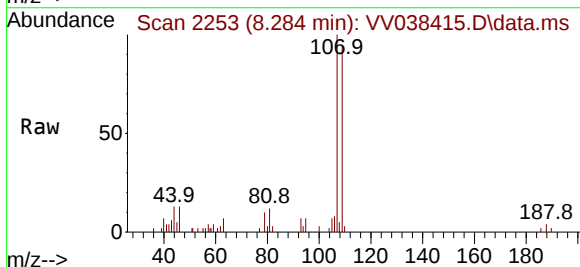
Tgt Ion:107 Resp: 10626

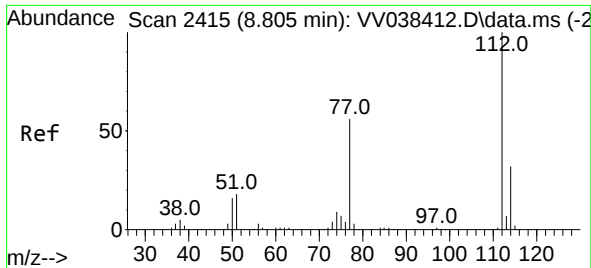
Ion Ratio Lower Upper

107 100

109 94.3 66.1 122.7

188 3.6 2.6 3.8

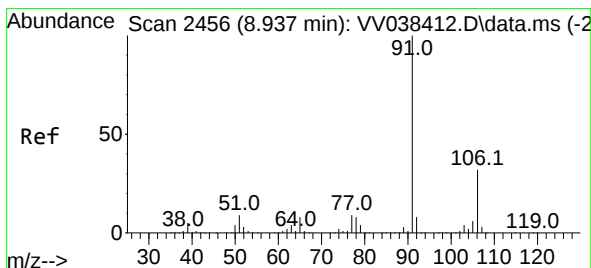
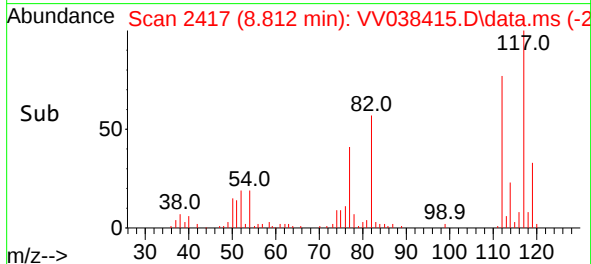
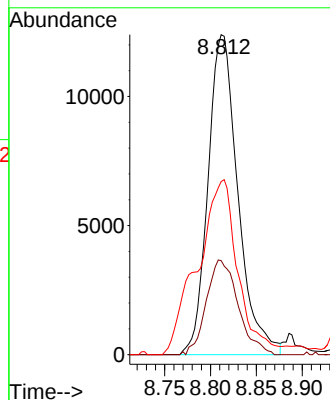
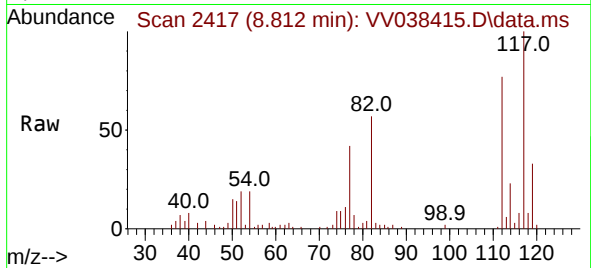




#51
Chlorobenzene
Concen: 2.590 ug/L
RT: 8.812 min Scan# 2415
Delta R.T. 0.006 min
Lab File: VV038415.D
Acq: 05 Dec 2024 12:02

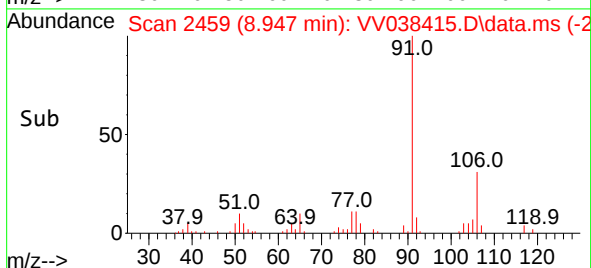
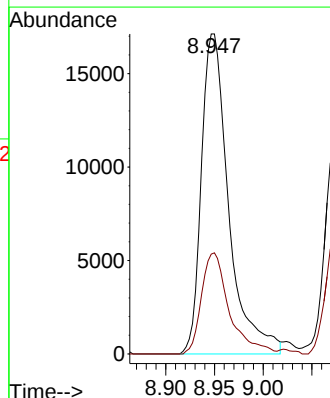
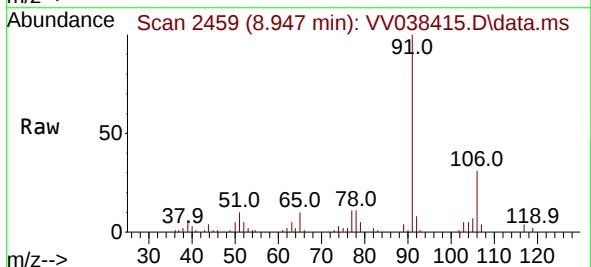
Instrument :
MSVOA_V
ClientSampleId :

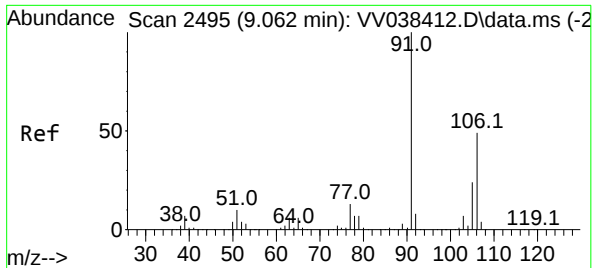
Tgt Ion:112 Resp: 28184
Ion Ratio Lower Upper
112 100
114 29.4 21.9 40.7
77 54.1 45.4 68.0



#52
Ethylbenzene
Concen: 1.970 ug/L
RT: 8.947 min Scan# 2459
Delta R.T. 0.010 min
Lab File: VV038415.D
Acq: 05 Dec 2024 12:02

Tgt Ion: 91 Resp: 33456
Ion Ratio Lower Upper
91 100
106 31.2 21.6 40.0

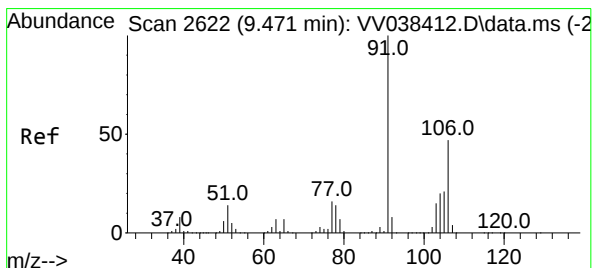
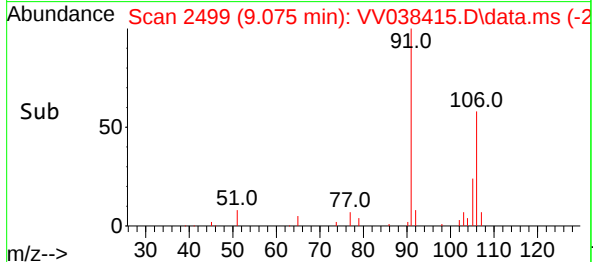
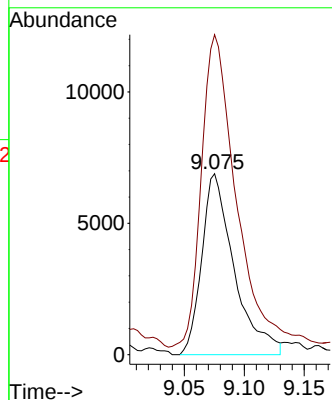
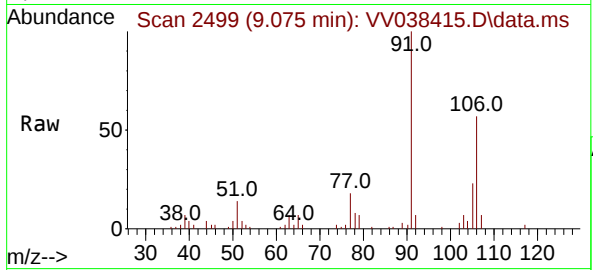




#53
m,p-Xylene
Concen: 2.013 ug/L
RT: 9.075 min Scan# 2495
Delta R.T. 0.013 min
Lab File: VV038415.D
Acq: 05 Dec 2024 12:02

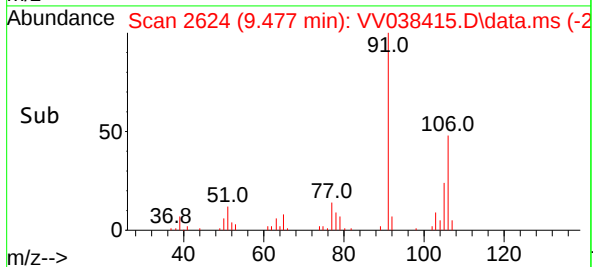
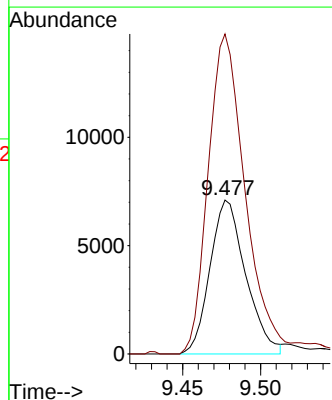
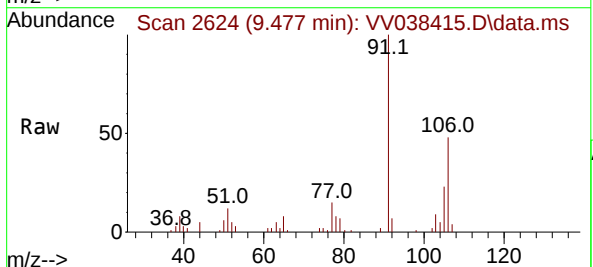
Instrument :
MSVOA_V
ClientSampleId :

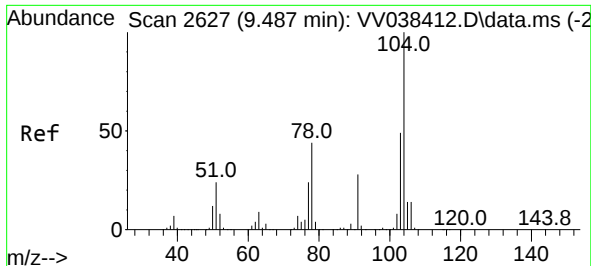
Tgt Ion:106 Resp: 12960
Ion Ratio Lower Upper
106 100
91 176.9 142.6 264.8



#54
o-Xylene
Concen: 1.828 ug/L
RT: 9.477 min Scan# 2624
Delta R.T. 0.006 min
Lab File: VV038415.D
Acq: 05 Dec 2024 12:02

Tgt Ion:106 Resp: 11318
Ion Ratio Lower Upper
106 100
91 208.0 151.1 280.7

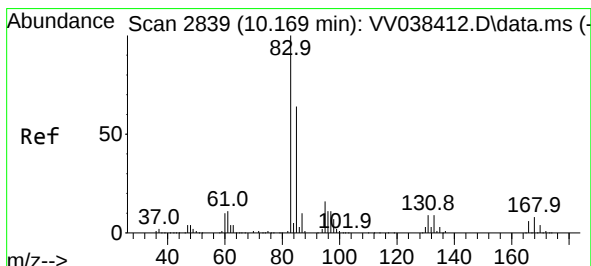
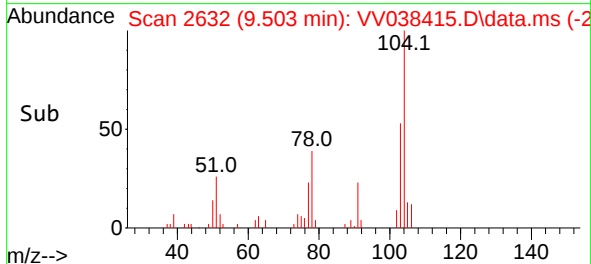
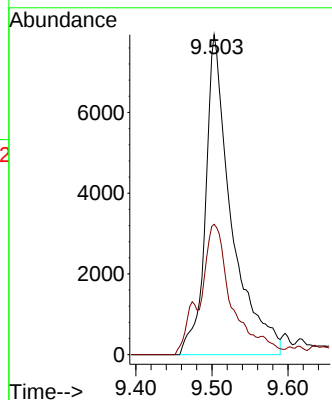
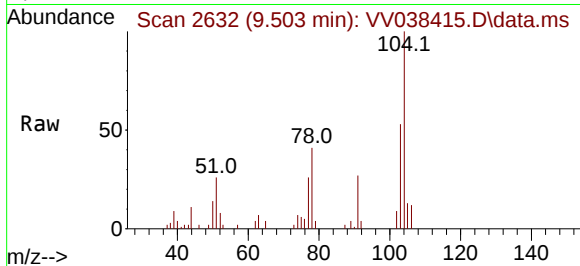




#55
Styrene
Concen: 1.721 ug/L
RT: 9.503 min Scan# 2632
Delta R.T. 0.016 min
Lab File: VV038415.D
Acq: 05 Dec 2024 12:02

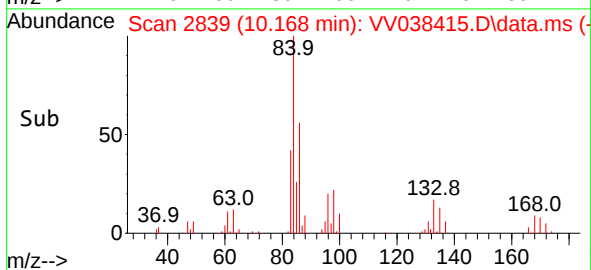
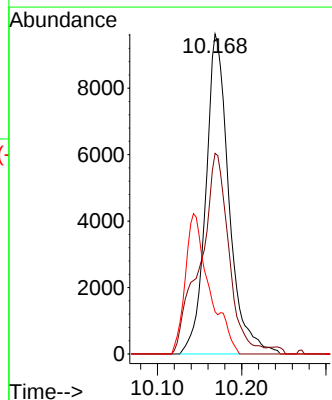
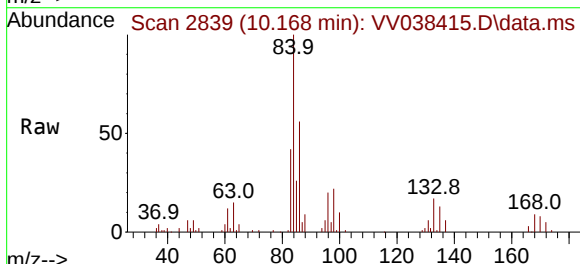
Instrument :
MSVOA_V
ClientSampleId :

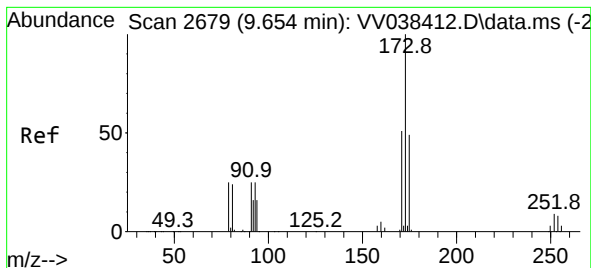
Tgt Ion:104 Resp: 18713
Ion Ratio Lower Upper
104 100
78 40.7 29.7 55.1



#57
1,1,2,2-Tetrachloroethane
Concen: 2.887 ug/L
RT: 10.168 min Scan# 2839
Delta R.T. -0.000 min
Lab File: VV038415.D
Acq: 05 Dec 2024 12:02

Tgt Ion: 83 Resp: 18442
Ion Ratio Lower Upper
83 100
85 62.7 44.7 82.9
131 17.7 8.0 12.0#





#59

Bromoform

Concen: 2.633 ug/L

RT: 9.667 min Scan# 2

Delta R.T. 0.013 min

Lab File: VV038415.D

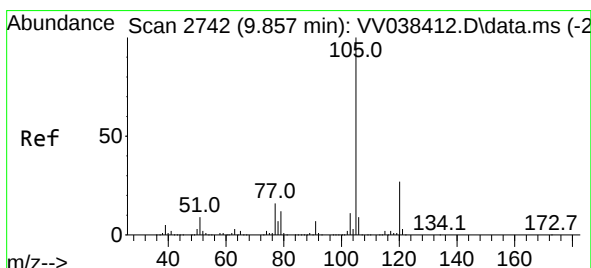
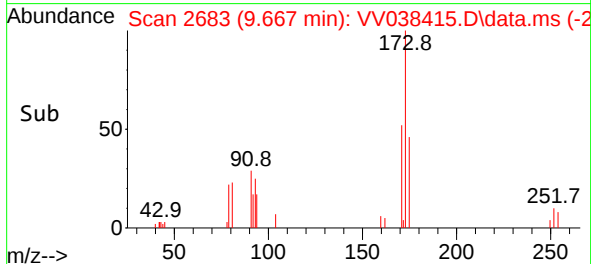
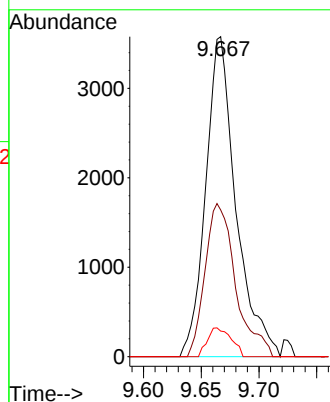
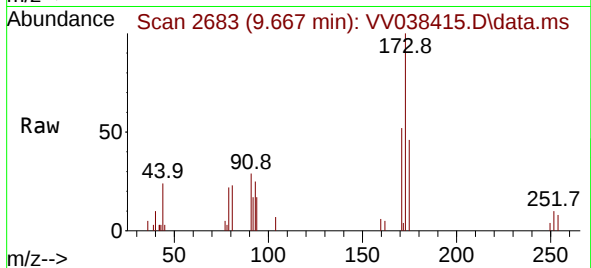
Acq: 05 Dec 2024 12:02

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:173	Resp:	6515
Ion Ratio	Lower	Upper
173	100	
175	48.4	38.8 58.2
254	7.0	6.9 10.3



#60

Isopropylbenzene

Concen: 2.105 ug/L

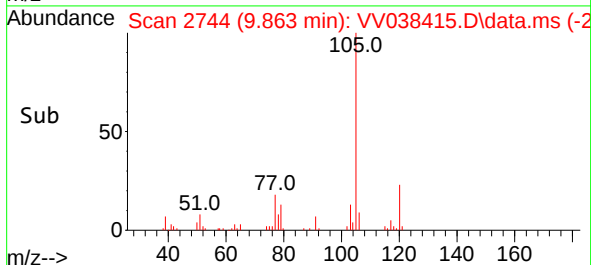
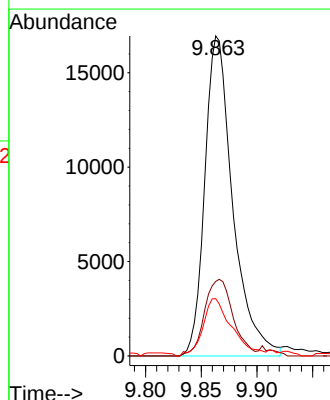
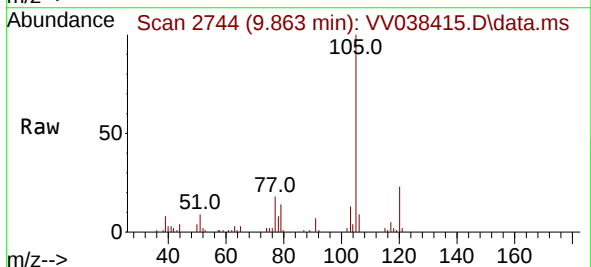
RT: 9.863 min Scan# 2744

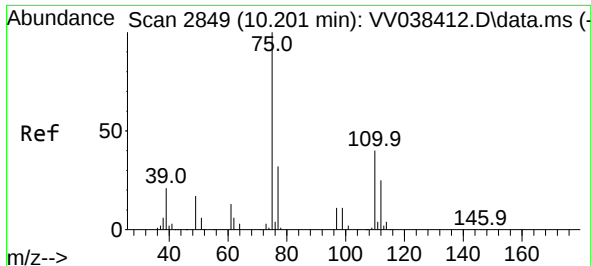
Delta R.T. 0.006 min

Lab File: VV038415.D

Acq: 05 Dec 2024 12:02

Tgt Ion:105	Resp:	29622
Ion Ratio	Lower	Upper
105	100	
120	24.4	21.0 31.4
77	18.3	12.2 18.4

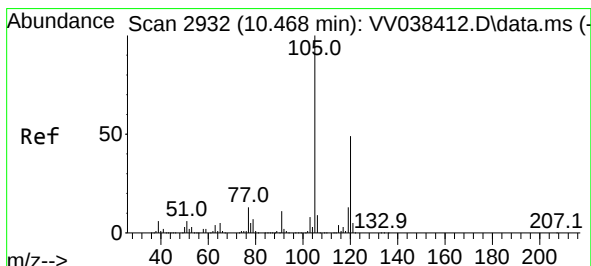
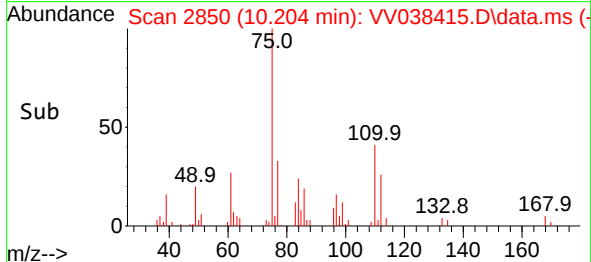
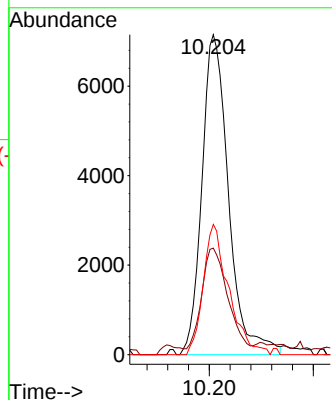
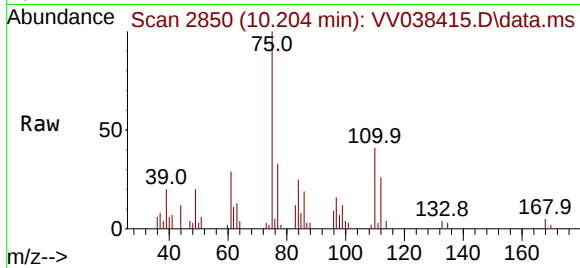




#61
1,2,3-Trichloropropane
Concen: 3.175 ug/L
RT: 10.204 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV038415.D
Acq: 05 Dec 2024 12:02

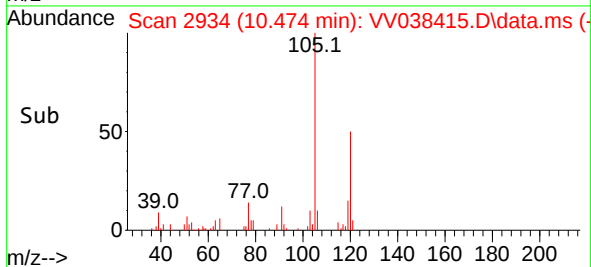
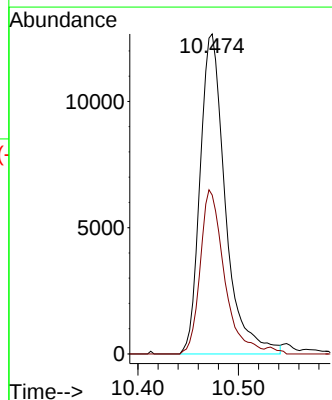
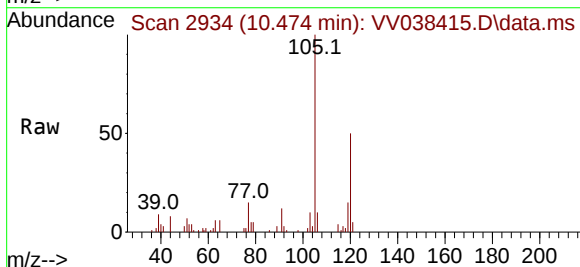
Instrument :
MSVOA_V
ClientSampleId :

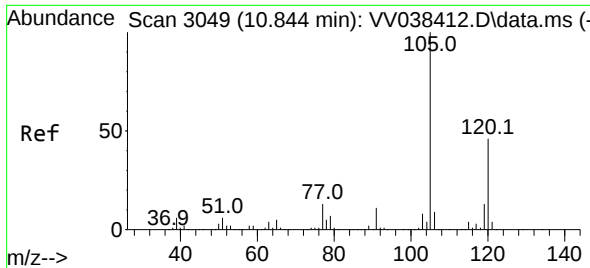
Tgt Ion: 75 Resp: 12722
Ion Ratio Lower Upper
75 100
77 30.7 25.8 38.6
110 38.9 32.2 48.4



#62
1,3,5-Trimethylbenzene
Concen: 1.955 ug/L
RT: 10.474 min Scan# 2934
Delta R.T. 0.006 min
Lab File: VV038415.D
Acq: 05 Dec 2024 12:02

Tgt Ion: 105 Resp: 22083
Ion Ratio Lower Upper
105 100
120 48.9 39.1 58.7

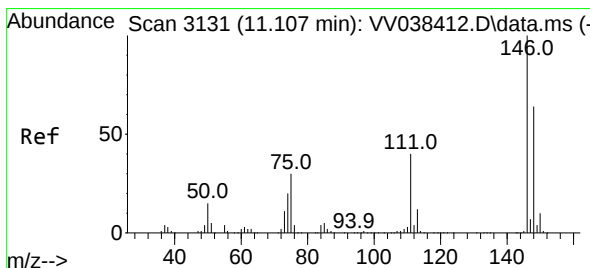
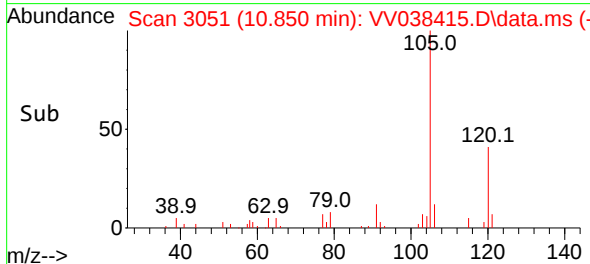
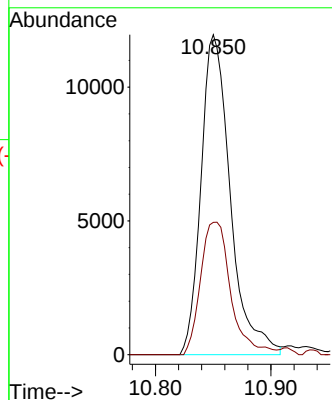
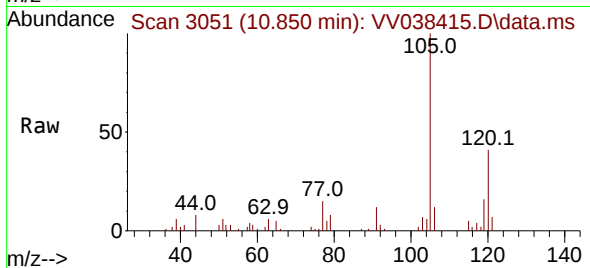




#63
1,2,4-Trimethylbenzene
Concen: 1.901 ug/L
RT: 10.850 min Scan# 3049
Delta R.T. 0.006 min
Lab File: VV038415.D
Acq: 05 Dec 2024 12:02

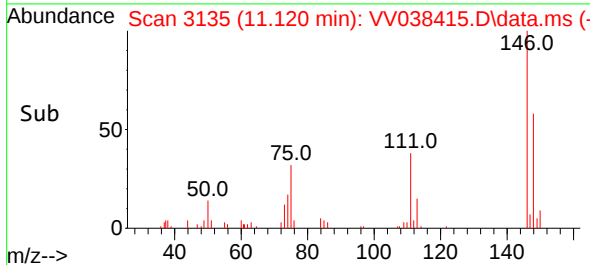
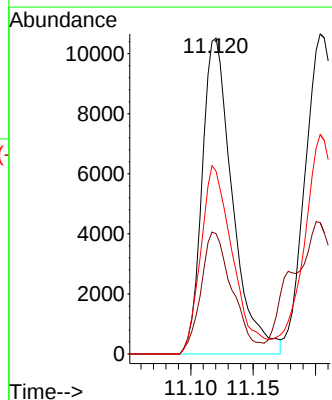
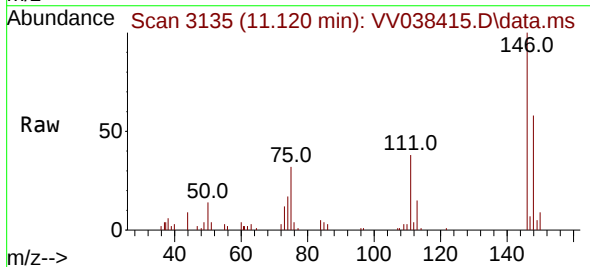
Instrument :
MSVOA_V
ClientSampleId :

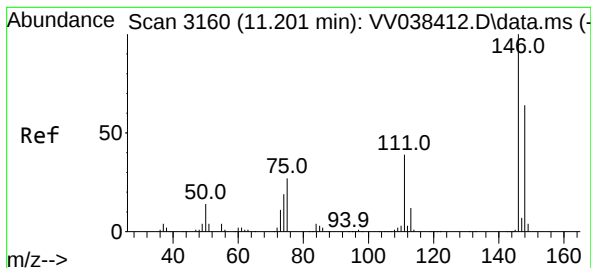
Tgt Ion:105 Resp: 21103
Ion Ratio Lower Upper
105 100
120 41.6 36.6 55.0



#64
1,3-Dichlorobenzene
Concen: 2.472 ug/L
RT: 11.120 min Scan# 3135
Delta R.T. 0.013 min
Lab File: VV038415.D
Acq: 05 Dec 2024 12:02

Tgt Ion:146 Resp: 17857
Ion Ratio Lower Upper
146 100
111 38.1 27.8 51.6
148 57.9 45.1 83.7





#65

1,4-Dichlorobenzene

Concen: 2.650 ug/L

RT: 11.204 min Scan# 3160

Delta R.T. 0.003 min

Lab File: VV038415.D

Acq: 05 Dec 2024 12:02

Instrument :

MSVOA_V

ClientSampleId :

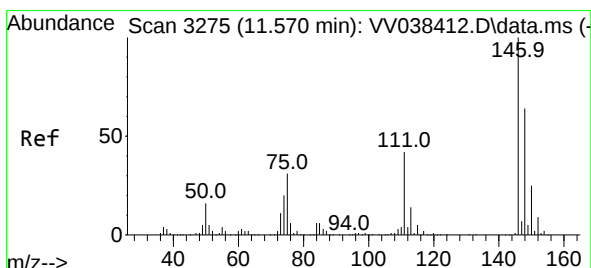
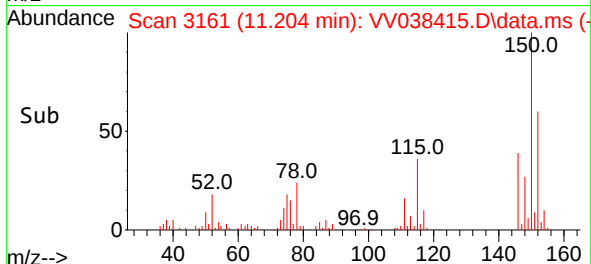
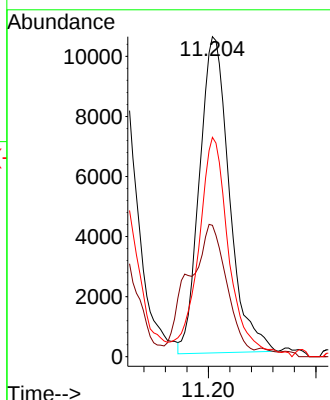
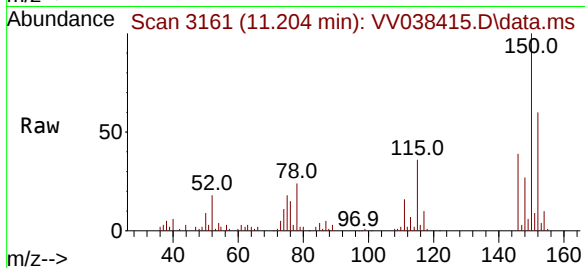
Tgt Ion:146 Resp: 20350

Ion Ratio Lower Upper

146 100

111 41.1 27.6 51.4

148 68.5 44.9 83.3



#67

1,2-Dichlorobenzene

Concen: 2.716 ug/L

RT: 11.574 min Scan# 3276

Delta R.T. 0.003 min

Lab File: VV038415.D

Acq: 05 Dec 2024 12:02

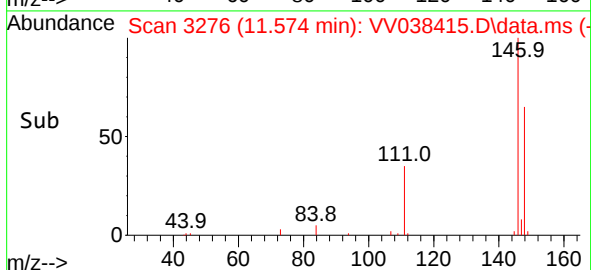
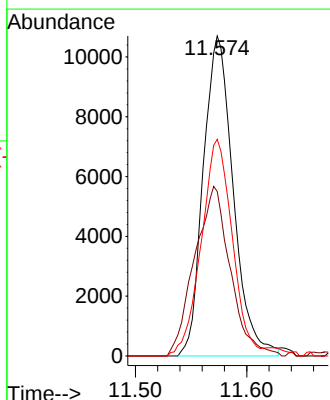
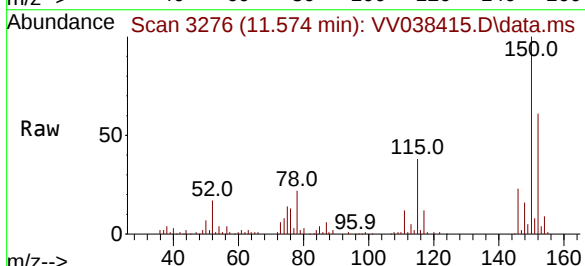
Tgt Ion:146 Resp: 20003

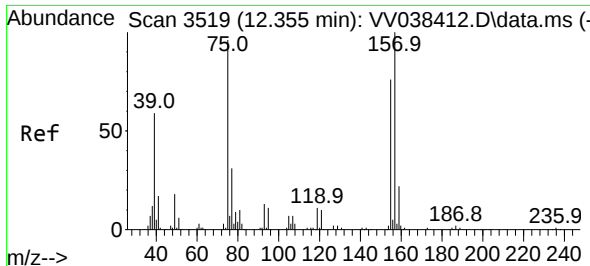
Ion Ratio Lower Upper

146 100

111 51.4 34.2 51.2#

148 67.7 50.5 75.7





#68

1,2-Dibromo-3-chloropropane

Concen: 3.086 ug/L

RT: 12.365 min Scan# 3522

Delta R.T. 0.010 min

Lab File: VV038415.D

Acq: 05 Dec 2024 12:02

Instrument :

MSVOA_V

ClientSampleId :

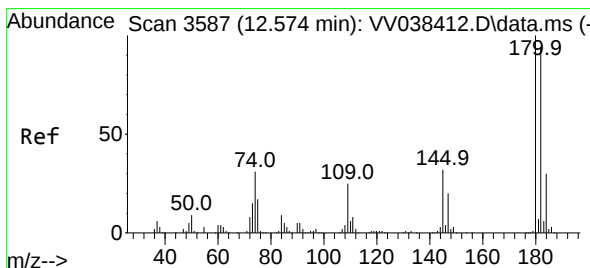
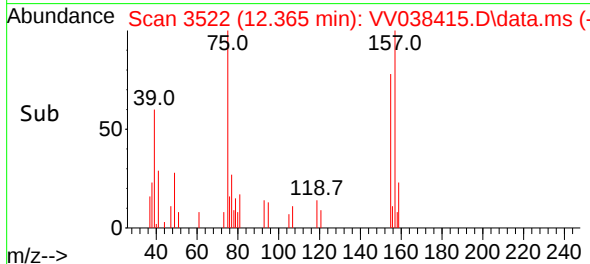
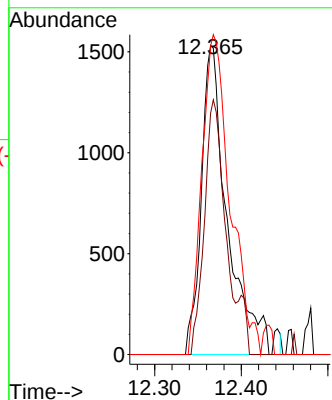
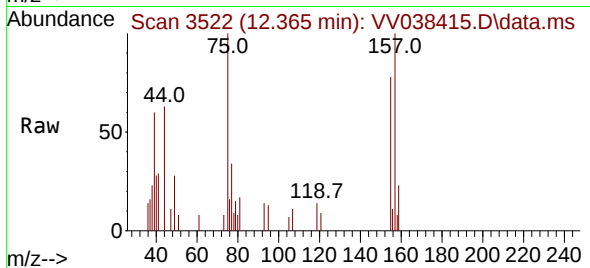
Tgt Ion: 75 Resp: 3259

Ion Ratio Lower Upper

75 100

155 88.8 66.8 100.2

157 99.7 83.4 125.2



#69

1,3,5-Trichlorobenzene

Concen: 2.582 ug/L

RT: 12.583 min Scan# 3590

Delta R.T. 0.010 min

Lab File: VV038415.D

Acq: 05 Dec 2024 12:02

Tgt Ion: 180 Resp: 12722

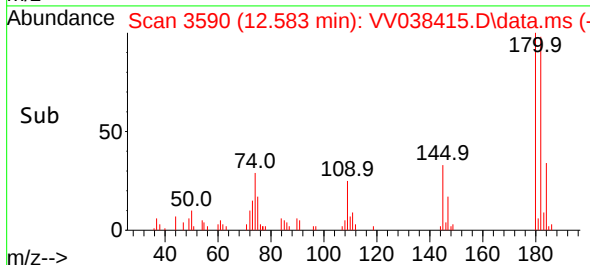
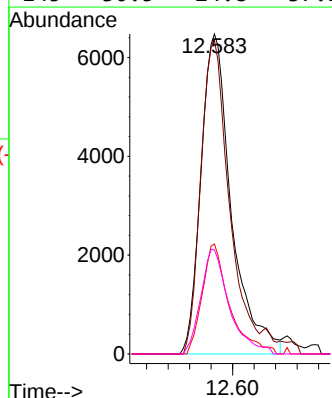
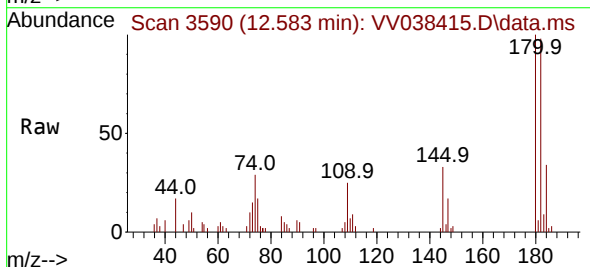
Ion Ratio Lower Upper

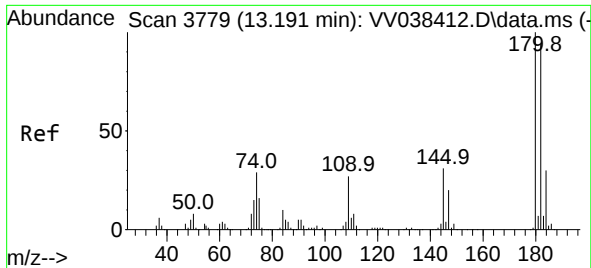
180 100

182 90.7 76.2 114.4

184 30.3 23.8 35.6

145 30.5 24.8 37.2

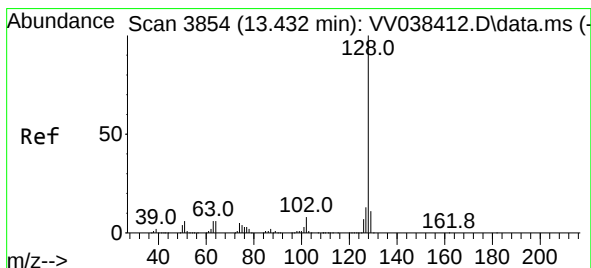
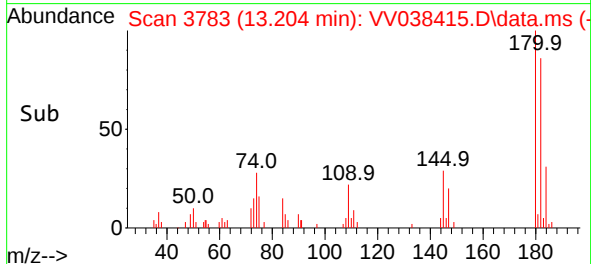
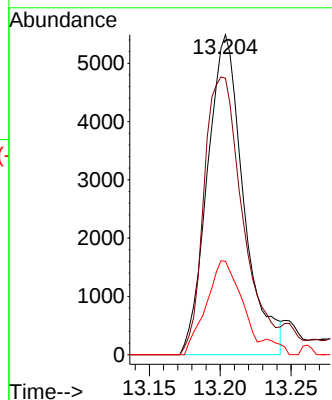
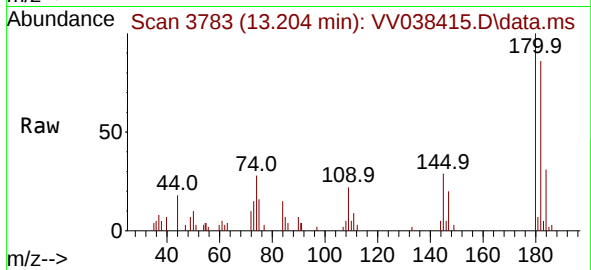




#70
1,2,4-trichlorobenzene
Concen: 2.356 ug/L
RT: 13.204 min Scan# 31
Delta R.T. 0.013 min
Lab File: VV038415.D
Acq: 05 Dec 2024 12:02

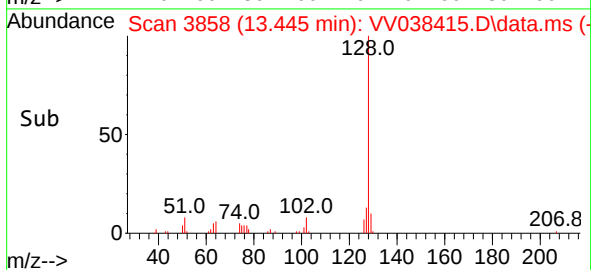
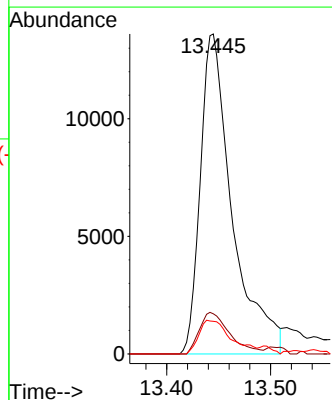
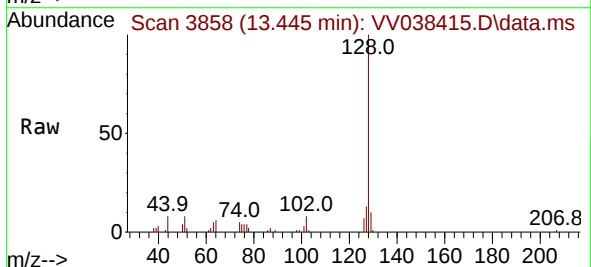
Instrument :
MSVOA_V
ClientSampleId :

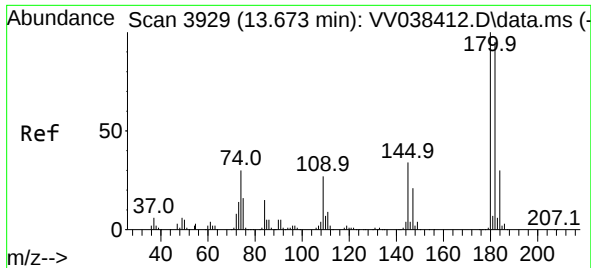
Tgt Ion:180 Resp: 9782
Ion Ratio Lower Upper
180 100
182 92.1 76.2 114.2
145 28.3 24.7 37.1



#71
Naphthalene
Concen: 2.579 ug/L
RT: 13.445 min Scan# 3858
Delta R.T. 0.013 min
Lab File: VV038415.D
Acq: 05 Dec 2024 12:02

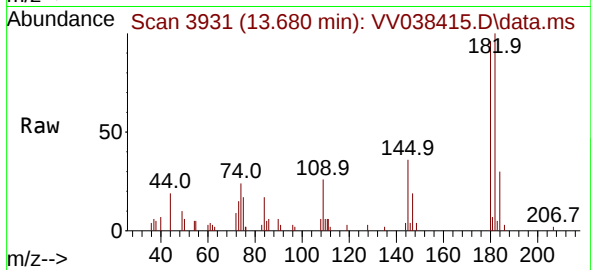
Tgt Ion:128 Resp: 29029
Ion Ratio Lower Upper
128 100
127 12.4 10.1 15.1
129 9.6 8.6 12.8





#72
 1,2,3-Trichlorobenzene
 Concen: 2.699 ug/L
 RT: 13.680 min Scan# 3929
 Delta R.T. 0.006 min
 Lab File: VV038415.D
 Acq: 05 Dec 2024 12:02

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:	180	Resp:	10994
Ion Ratio	Lower	Upper	
180	100		
182	92.6	75.8	113.6
145	32.1	27.1	40.7

