

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV120524\
 Data File : VV038417.D
 Acq On : 05 Dec 2024 12:56
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.00g/5mL/100uL/5mL/MSVOA_V/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 06 01:31:56 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	526550	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	531118	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	292003	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	202962	46.131	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.260%
7) Chloroethane-d5	1.523	69	166447	44.900	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.800%
11) 1,1-Dichloroethene-d2	2.050	65	88639	47.521	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.040%
21) 2-Butanone-d5	3.780	46	267326	127.677	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	127.680%
24) Chloroform-d	4.236	84	395928	49.460	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.920%
26) 1,2-Dichloroethane-d4	4.931	65	236661	50.079	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.160%
32) Benzene-d6	4.947	84	755884	49.396	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.800%
36) 1,2-Dichloropropane-d6	5.979	67	232878	48.942	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.880%
41) Toluene-d8	7.233	98	708820	51.215	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.420%
43) trans-1,3-Dichloroprop...	7.545	79	113436	49.292	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.580%
47) 2-Hexanone-d5	8.018	63	181208	124.705	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	124.700%
56) 1,1,2,2-Tetrachloroeth...	10.143	84	357404	53.707	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	107.420%
66) 1,2-Dichlorobenzene-d4	11.551	152	271226	48.041	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.080%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	237763	49.167	ug/L	98
3) Chloromethane	1.211	50	237246	47.292	ug/L	99
5) Vinyl chloride	1.278	62	250792	49.012	ug/L	99
6) Bromomethane	1.478	94	160276	50.553	ug/L	98
8) Chloroethane	1.542	64	156757	48.415	ug/L	100
9) Trichlorofluoromethane	1.706	101	332588	49.282	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.060	101	193816	49.878	ug/L	98
12) 1,1-Dichloroethene	2.060	96	184567	49.875	ug/L	94
13) Acetone	2.111	43	336402	116.492	ug/L	98
14) Carbon disulfide	2.230	76	588043	48.283	ug/L	100
15) Methyl Acetate	2.368	43	220594	59.020	ug/L	98
16) Methylene chloride	2.439	84	221900	49.694	ug/L	99
17) trans-1,2-Dichloroethene	2.683	96	200747	49.748	ug/L	96
18) Methyl tert-butyl Ether	2.696	73	591349	50.739	ug/L	99
19) 1,1-Dichloroethane	3.101	63	375981	50.804	ug/L	99
20) cis-1,2-Dichloroethene	3.802	96	214681	50.587	ug/L	98
22) 2-Butanone	3.857	43	339134	123.582	ug/L	97
23) Bromochloromethane	4.133	128	116286	50.411	ug/L	97
25) Chloroform	4.262	83	390648	50.568	ug/L	98

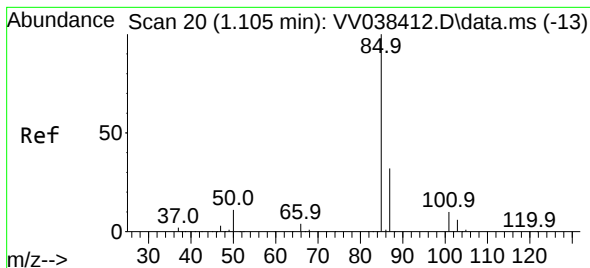
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV120524\
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120224WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 06 01:27:20 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.030	62	288160	51.135	ug/L	97
29) Cyclohexane	4.571	56	291690	51.119	ug/L	99
30) 1,1,1-Trichloroethane	4.497	97	334422	49.828	ug/L	100
31) Carbon tetrachloride	4.722	117	297701	50.473	ug/L	100
33) Benzene	4.998	78	827436	51.614	ug/L	100
34) Trichloroethene	5.821	95	213986	49.963	ug/L	98
35) Methylcyclohexane	6.040	83	321719	52.309	ug/L	99
37) 1,2-Dichloropropane	6.082	63	204797	49.132	ug/L	98
38) Bromodichloromethane	6.423	83	287000	49.611	ug/L	99
39) cis-1,3-Dichloropropene	6.944	75	334307	51.683	ug/L	100
40) 4-Methyl-2-pentanone	7.146	43	555360	119.043	ug/L	99
42) Toluene	7.307	91	880930	52.893	ug/L	100
44) trans-1,3-Dichloropropene	7.574	75	323516	51.774	ug/L	97
45) 1,1,2-Trichloroethane	7.760	97	222124	51.359	ug/L	99
46) Tetrachloroethene	7.895	164	163925	49.577	ug/L	98
48) 2-Hexanone	8.066	43	473201	121.569	ug/L	99
49) Dibromochloromethane	8.169	129	229511	51.451	ug/L	99
50) 1,2-Dibromoethane	8.272	107	240120	52.682	ug/L	98
51) Chlorobenzene	8.805	112	571743	49.962	ug/L	99
52) Ethylbenzene	8.937	91	943257	52.804	ug/L	100
53) m,p-Xylene	9.066	106	368041	54.356	ug/L	99
54) o-Xylene	9.471	106	346810	53.242	ug/L	96
55) Styrene	9.487	104	637482	55.745	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.169	83	361532	53.815	ug/L	100
59) Bromoform	9.657	173	165123	52.602	ug/L	100
60) Isopropylbenzene	9.860	105	928394	51.993	ug/L	100
61) 1,2,3-Trichloropropane	10.201	75	275657	54.227	ug/L	99
62) 1,3,5-Trimethylbenzene	10.468	105	739088	51.585	ug/L	99
63) 1,2,4-Trimethylbenzene	10.844	105	744735	52.874	ug/L	100
64) 1,3-Dichlorobenzene	11.107	146	448200	48.900	ug/L	98
65) 1,4-Dichlorobenzene	11.201	146	474948	48.744	ug/L	99
67) 1,2-Dichlorobenzene	11.570	146	453596	48.542	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.355	75	77438	57.799	ug/L	95
69) 1,3,5-Trichlorobenzene	12.574	180	299749	47.948	ug/L	99
70) 1,2,4-trichlorobenzene	13.191	180	255319	48.477	ug/L	100
71) Naphthalene	13.432	128	723846	50.694	ug/L	99
72) 1,2,3-Trichlorobenzene	13.673	180	272149	52.669	ug/L	100

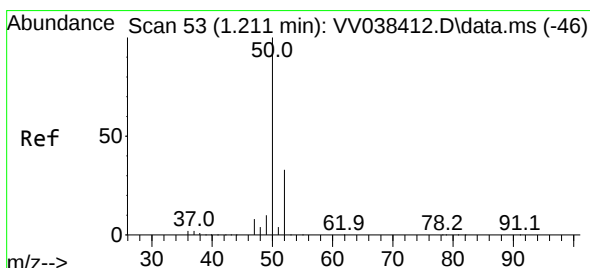
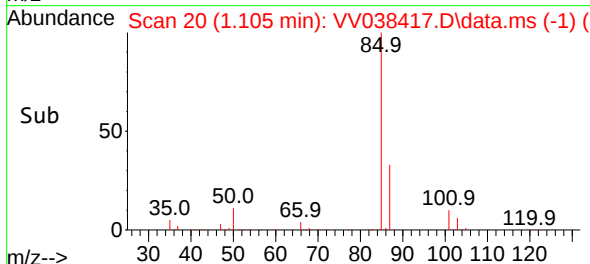
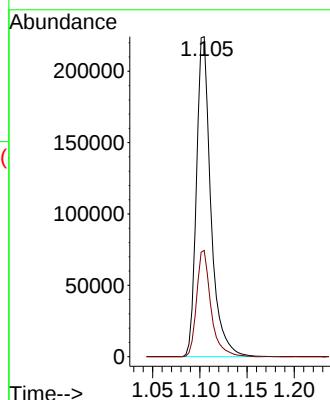
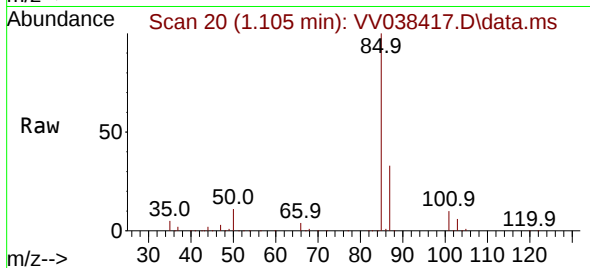
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 49.167 ug/L
RT: 1.105 min Scan# 20
Delta R.T. -0.000 min
Lab File: VV038417.D
Acq: 05 Dec 2024 12:56

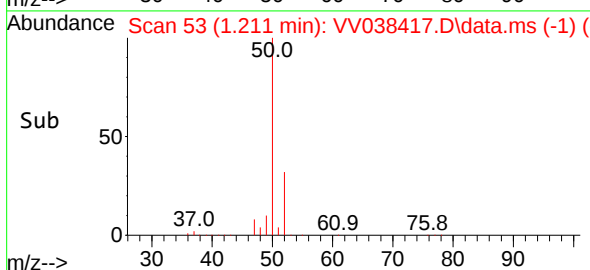
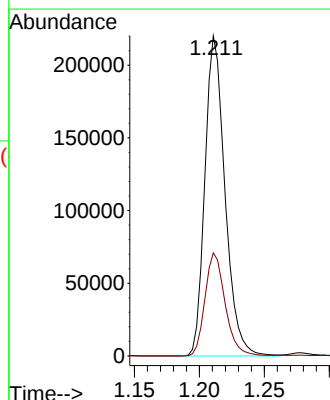
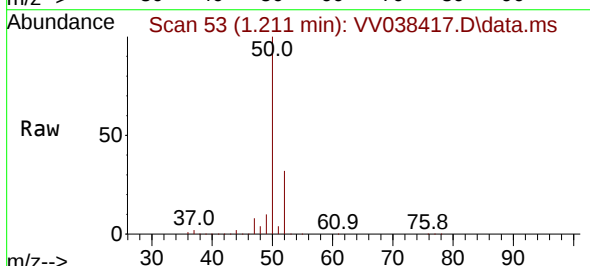
Instrument :
MSVOA_V
ClientSampleId :

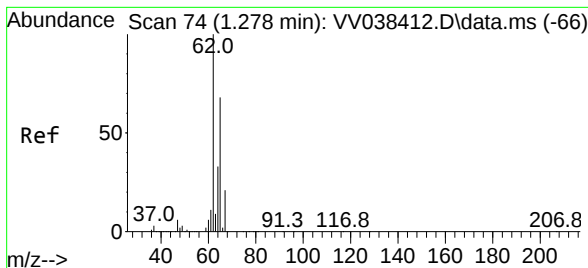
Tgt Ion: 85 Resp: 237763
Ion Ratio Lower Upper
85 100
87 33.1 25.8 38.6



#3
Chloromethane
Concen: 47.292 ug/L
RT: 1.211 min Scan# 53
Delta R.T. -0.000 min
Lab File: VV038417.D
Acq: 05 Dec 2024 12:56

Tgt Ion: 50 Resp: 237246
Ion Ratio Lower Upper
50 100
52 32.2 22.7 42.3

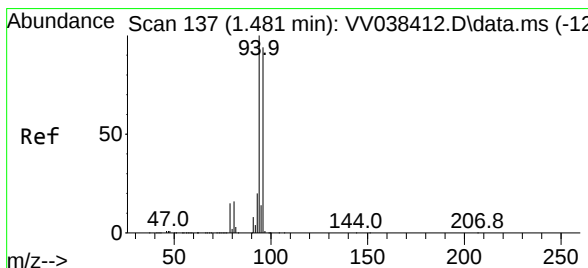
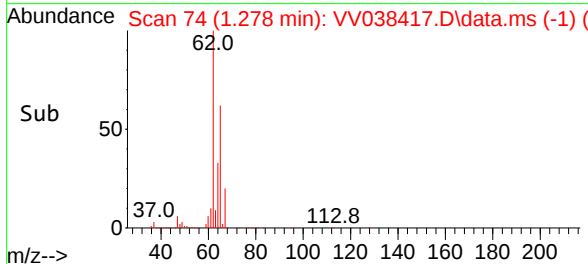
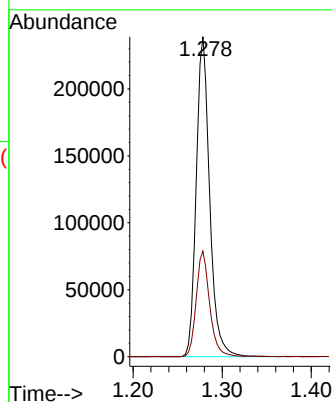
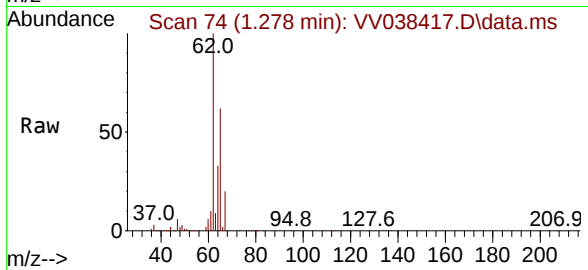




#5
 Vinyl chloride
 Concen: 49.012 ug/L
 RT: 1.278 min Scan# 74
 Delta R.T. 0.000 min
 Lab File: VV038417.D
 Acq: 05 Dec 2024 12:56

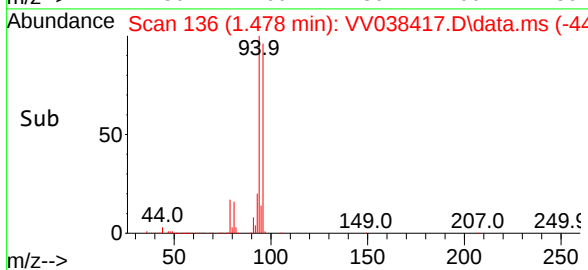
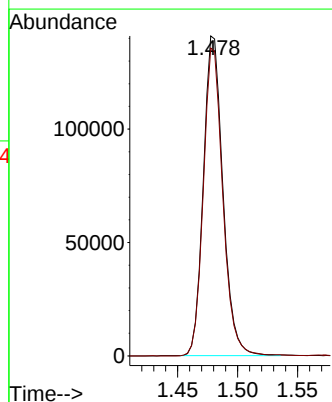
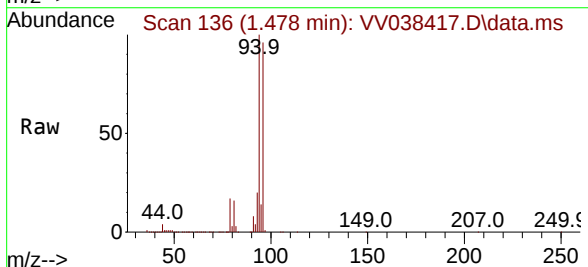
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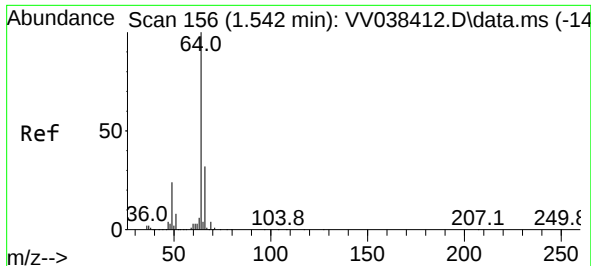
Tgt Ion: 62 Resp: 250792
 Ion Ratio Lower Upper
 62 100
 64 33.0 22.8 42.4



#6
 Bromomethane
 Concen: 50.553 ug/L
 RT: 1.478 min Scan# 136
 Delta R.T. -0.003 min
 Lab File: VV038417.D
 Acq: 05 Dec 2024 12:56

Tgt Ion: 94 Resp: 160276
 Ion Ratio Lower Upper
 94 100
 96 96.2 66.1 122.8

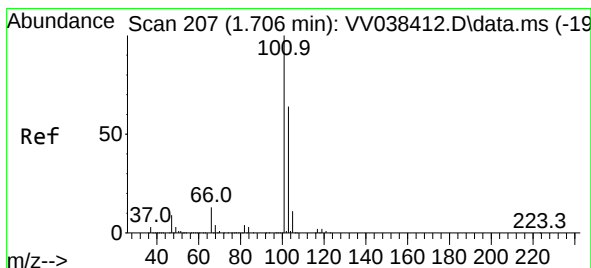
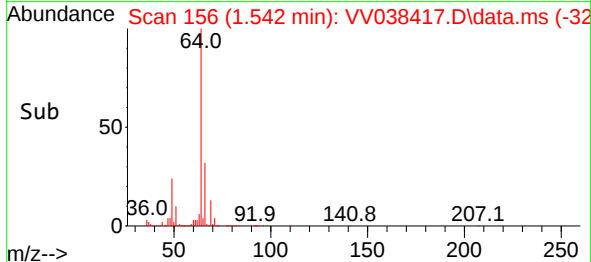
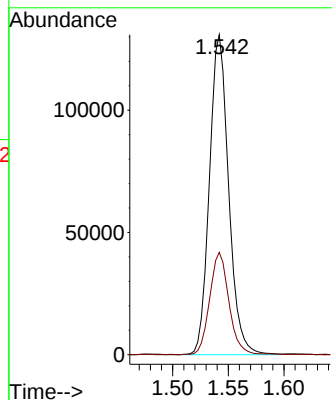
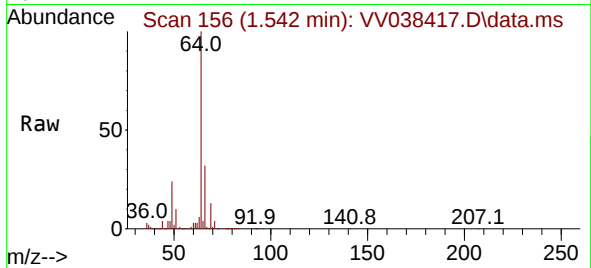




#8
Chloroethane
Concen: 48.415 ug/L
RT: 1.542 min Scan# 156
Delta R.T. 0.000 min
Lab File: VV038417.D
Acq: 05 Dec 2024 12:56

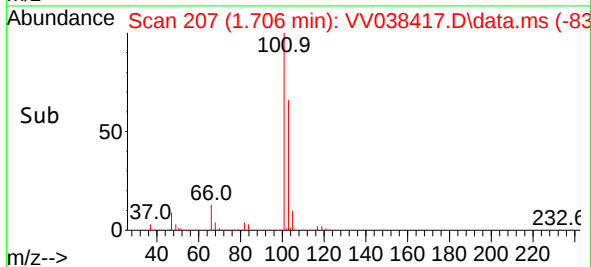
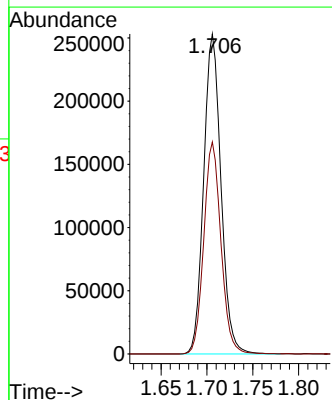
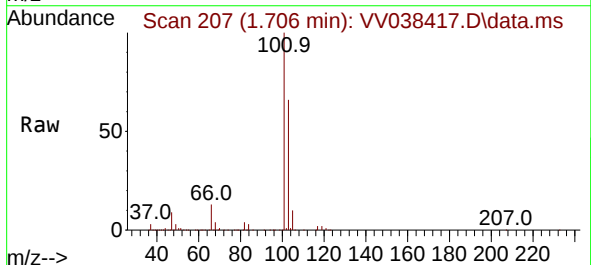
Instrument :
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ClientSampleId :

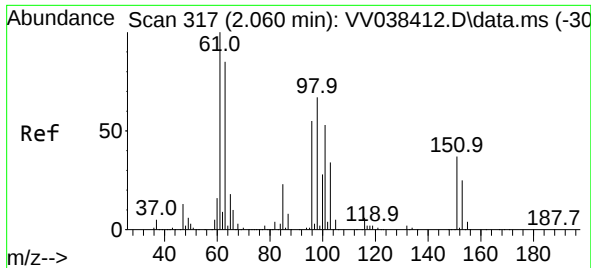
Tgt Ion: 64 Resp: 156757
Ion Ratio Lower Upper
64 100
66 31.9 22.3 41.5



#9
Trichlorofluoromethane
Concen: 49.282 ug/L
RT: 1.706 min Scan# 207
Delta R.T. 0.000 min
Lab File: VV038417.D
Acq: 05 Dec 2024 12:56

Tgt Ion:101 Resp: 332588
Ion Ratio Lower Upper
101 100
103 65.5 51.7 77.5

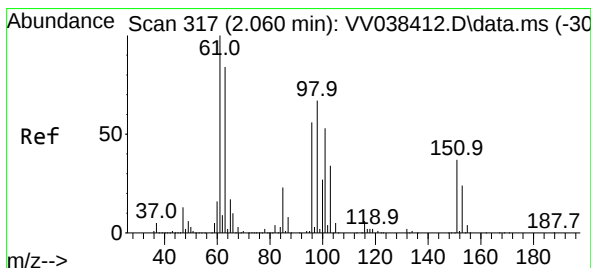
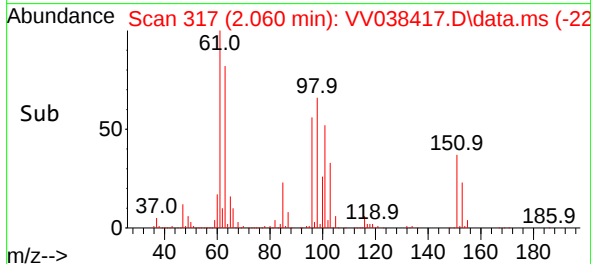
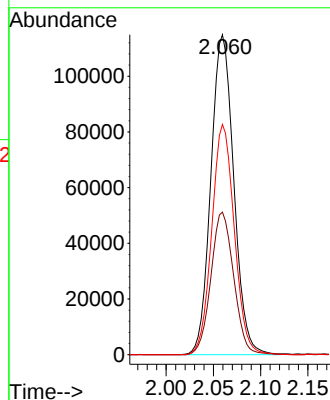
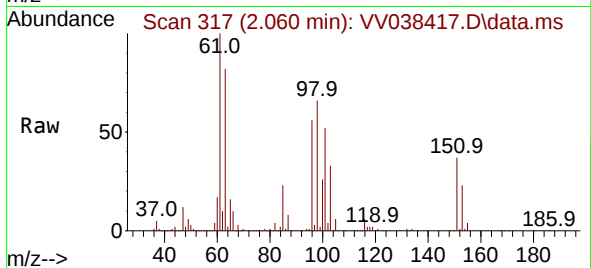




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 49.878 ug/L
 RT: 2.060 min Scan# 317
 Delta R.T. 0.000 min
 Lab File: VV038417.D
 Acq: 05 Dec 2024 12:56

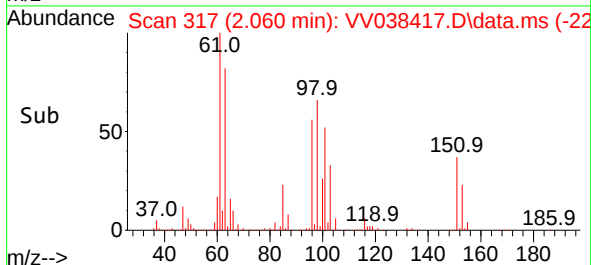
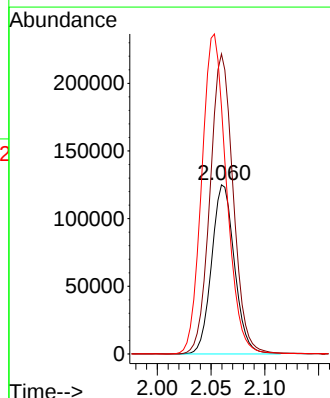
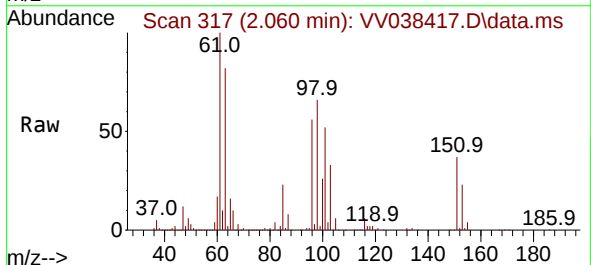
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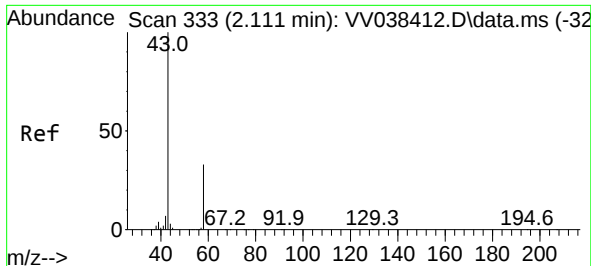
Tgt Ion:101 Resp: 193816
 Ion Ratio Lower Upper
 101 100
 85 44.3 34.7 52.1
 151 70.8 55.3 82.9



#12
 1,1-Dichloroethene
 Concen: 49.875 ug/L
 RT: 2.060 min Scan# 317
 Delta R.T. 0.000 min
 Lab File: VV038417.D
 Acq: 05 Dec 2024 12:56

Tgt Ion: 96 Resp: 184567
 Ion Ratio Lower Upper
 96 100
 61 177.4 120.9 224.5
 63 146.2 110.9 205.9





#13

Acetone

Concen: 116.492 ug/L

RT: 2.111 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV038417.D

Acq: 05 Dec 2024 12:56

Instrument :

MSVOA_V

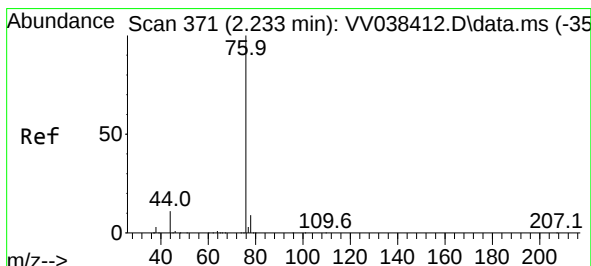
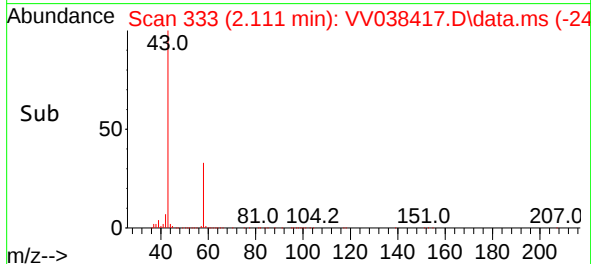
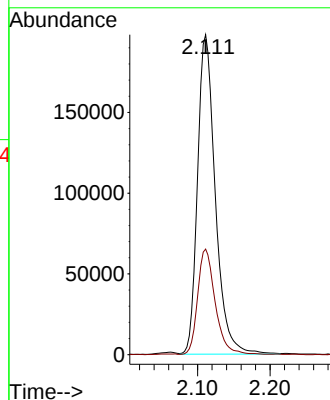
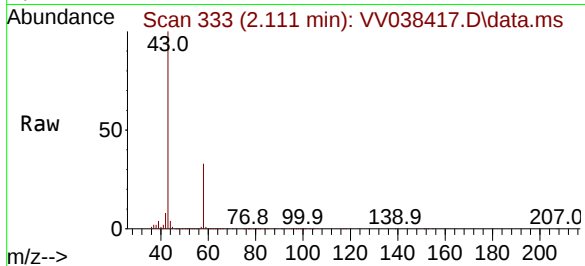
ClientSampleId :

Tgt Ion: 43 Resp: 336402

Ion Ratio Lower Upper

43 100

58 32.3 0.0 67.2



#14

Carbon disulfide

Concen: 48.283 ug/L

RT: 2.230 min Scan# 370

Delta R.T. -0.003 min

Lab File: VV038417.D

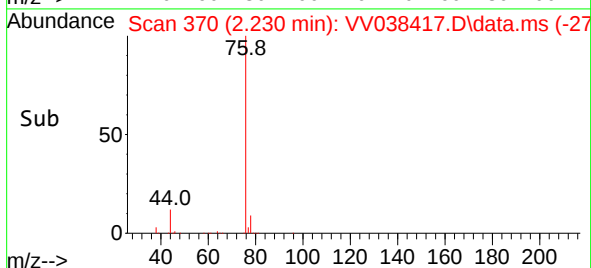
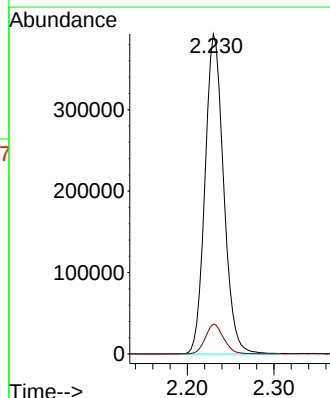
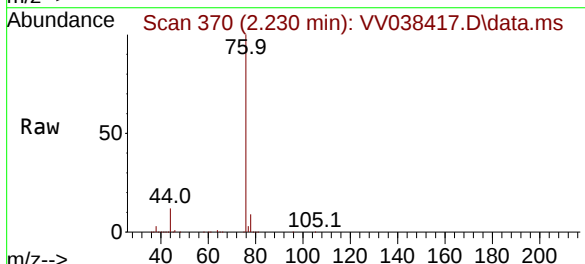
Acq: 05 Dec 2024 12:56

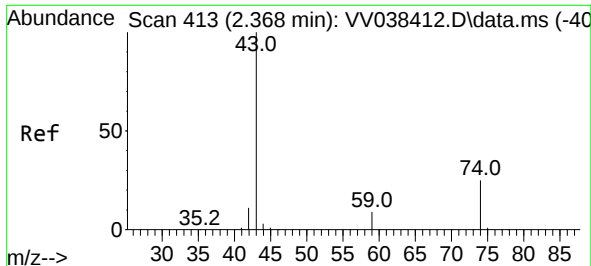
Tgt Ion: 76 Resp: 588043

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.0

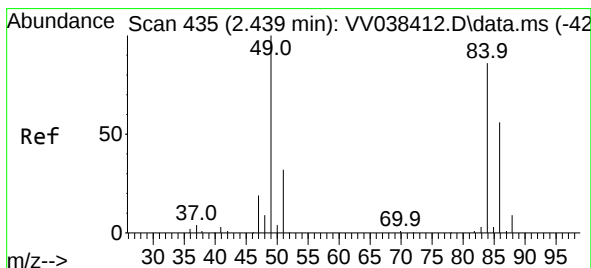
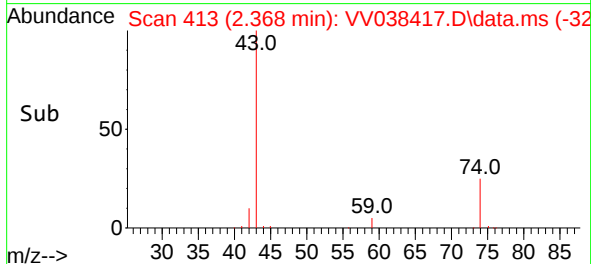
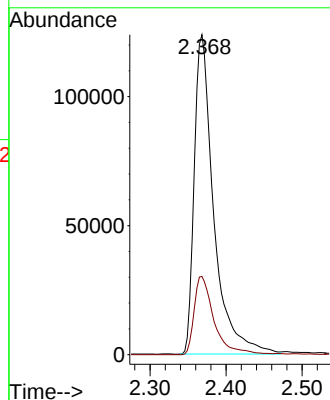
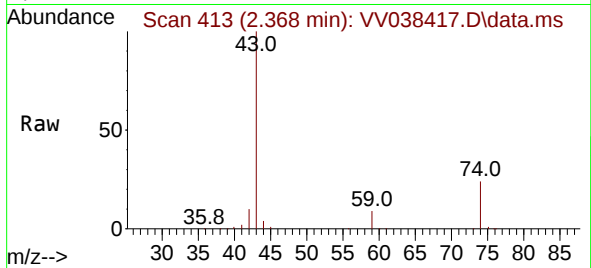




#15
Methyl Acetate
Concen: 59.020 ug/L
RT: 2.368 min Scan# 413
Delta R.T. 0.000 min
Lab File: VV038417.D
Acq: 05 Dec 2024 12:56

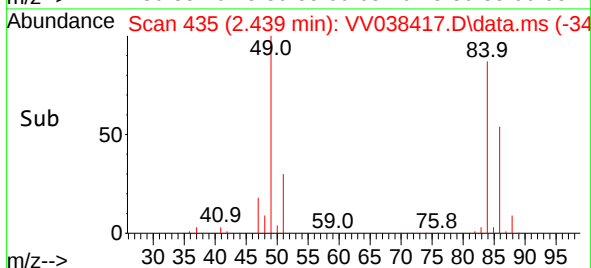
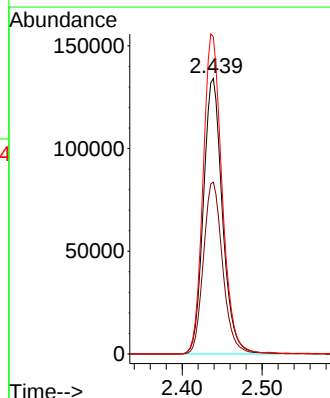
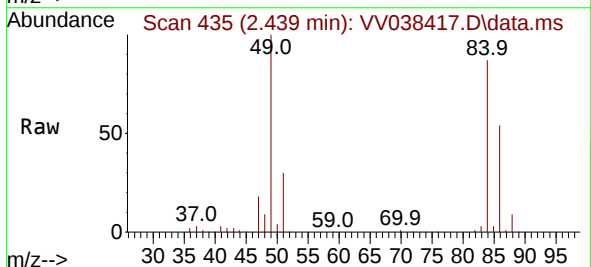
Instrument :
MSVOA_V
ClientSampleId :

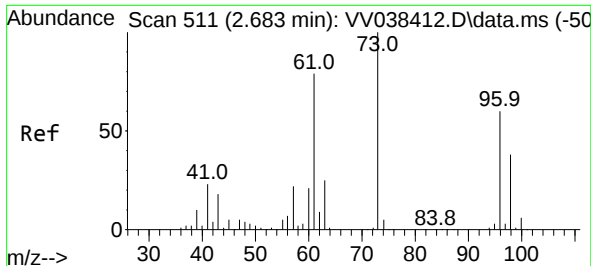
Tgt Ion: 43 Resp: 220594
Ion Ratio Lower Upper
43 100
74 25.0 20.6 31.0



#16
Methylene chloride
Concen: 49.694 ug/L
RT: 2.439 min Scan# 435
Delta R.T. -0.000 min
Lab File: VV038417.D
Acq: 05 Dec 2024 12:56

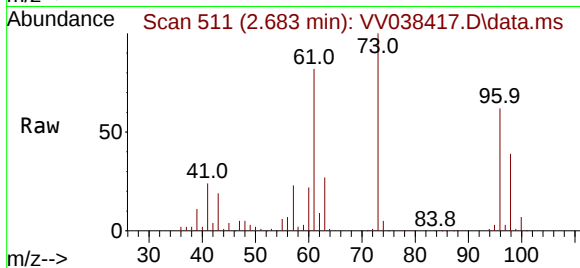
Tgt Ion: 84 Resp: 221900
Ion Ratio Lower Upper
84 100
86 62.4 44.5 82.7
49 115.1 81.7 151.7



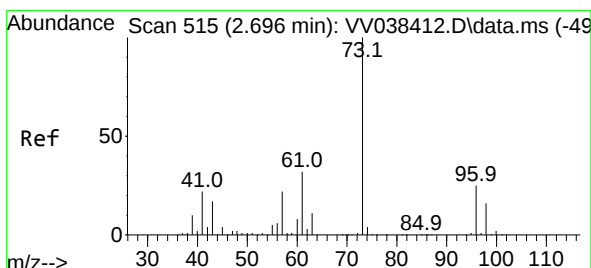
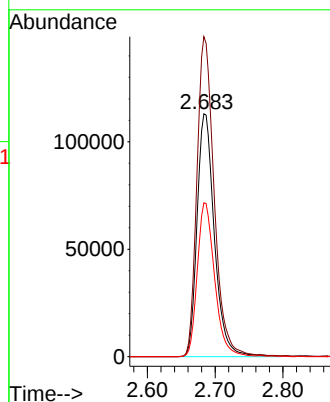
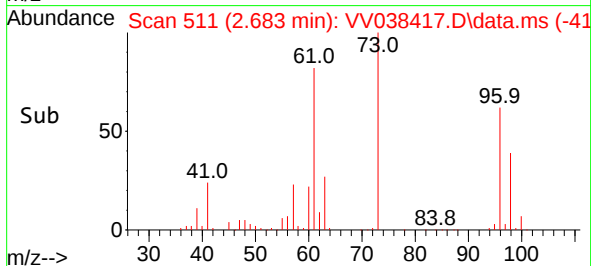


#17
trans-1,2-Dichloroethene
Concen: 49.748 ug/L
RT: 2.683 min Scan# 511
Delta R.T. 0.000 min
Lab File: VV038417.D
Acq: 05 Dec 2024 12:56

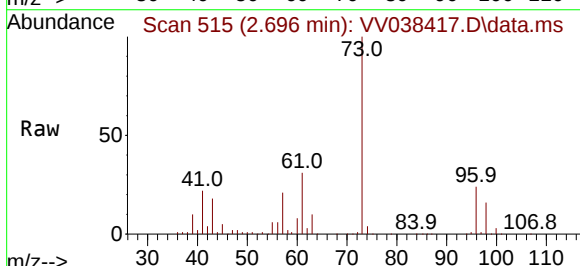
Instrument :
MSVOA_V
ClientSampleId :



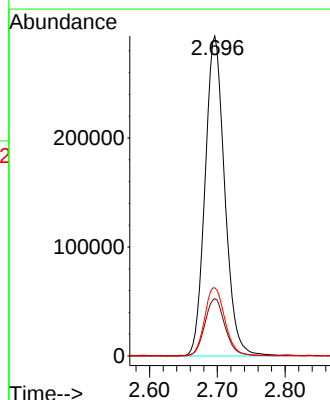
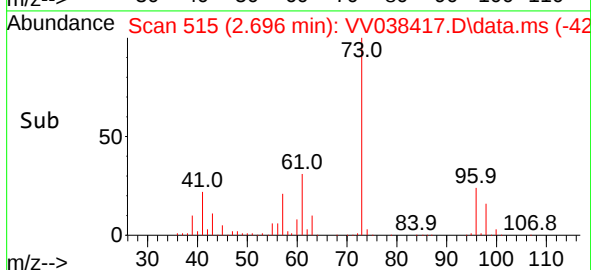
Tgt Ion: 96 Resp: 200747
Ion Ratio Lower Upper
96 100
61 131.8 95.7 177.7
98 63.4 46.4 86.2

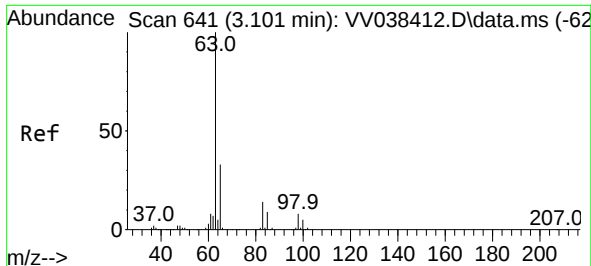


#18
Methyl tert-butyl Ether
Concen: 50.739 ug/L
RT: 2.696 min Scan# 515
Delta R.T. 0.000 min
Lab File: VV038417.D
Acq: 05 Dec 2024 12:56



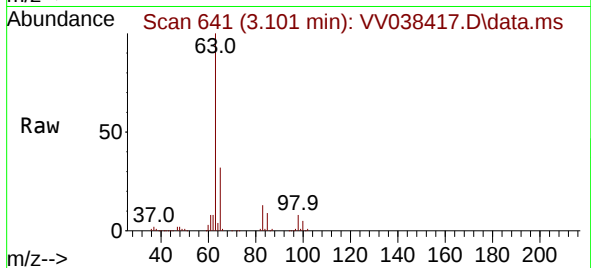
Tgt Ion: 73 Resp: 591349
Ion Ratio Lower Upper
73 100
43 17.9 14.7 22.1
57 22.1 17.7 26.5





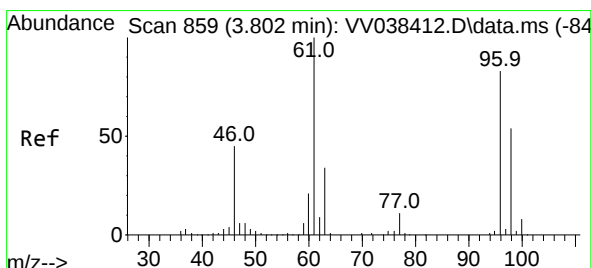
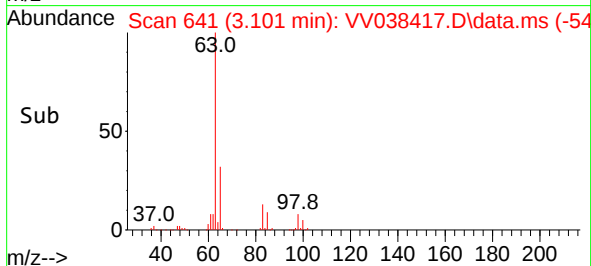
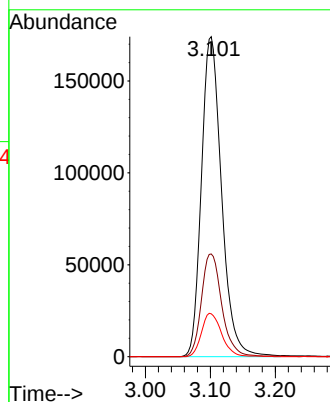
#19
1,1-Dichloroethane
Concen: 50.804 ug/L
RT: 3.101 min Scan# 641
Delta R.T. -0.000 min
Lab File: VV038417.D
Acq: 05 Dec 2024 12:56

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 63 Resp: 375981

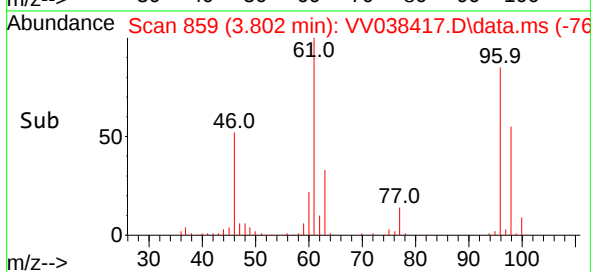
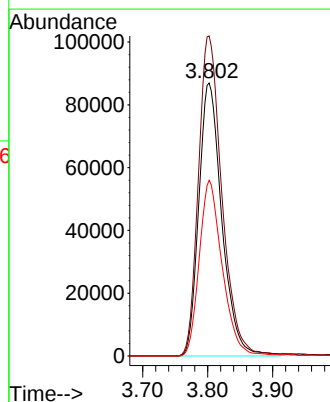
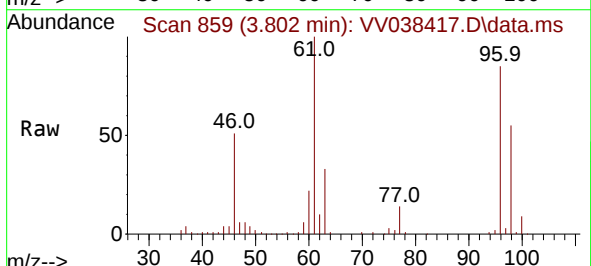
Ion	Ratio	Lower	Upper
63	100		
65	32.1	22.6	42.0
83	13.4	9.8	18.2

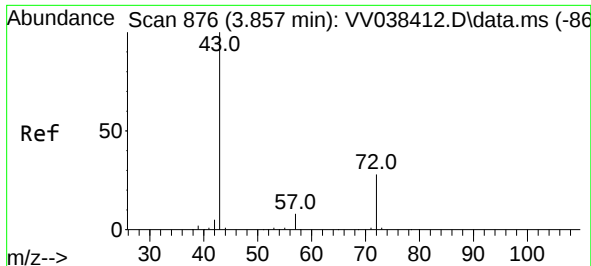


#20
cis-1,2-Dichloroethene
Concen: 50.587 ug/L
RT: 3.802 min Scan# 859
Delta R.T. 0.000 min
Lab File: VV038417.D
Acq: 05 Dec 2024 12:56

Tgt Ion: 96 Resp: 214681

Ion	Ratio	Lower	Upper
96	100		
61	117.2	83.5	155.1
98	64.4	44.6	82.8

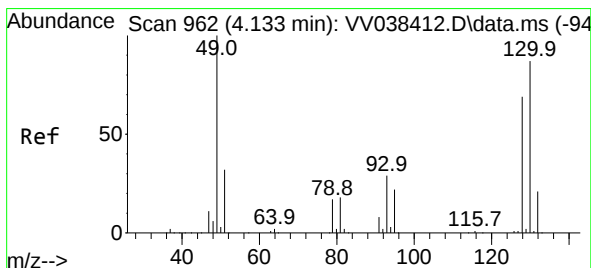
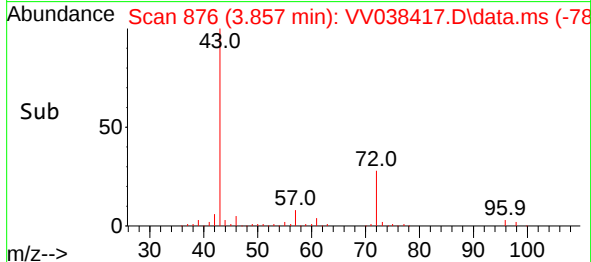
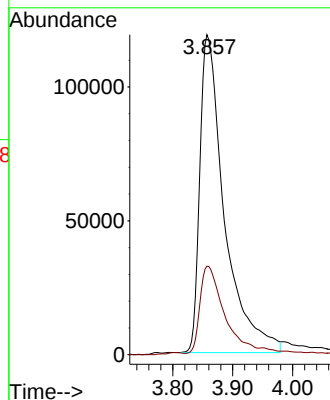
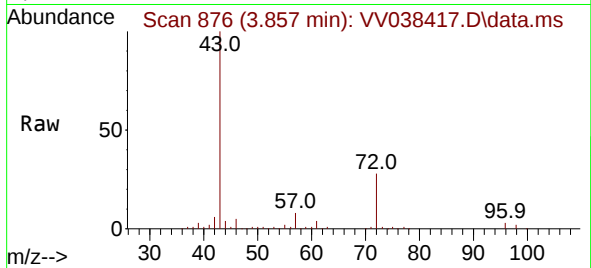




#22
2-Butanone
Concen: 123.582 ug/L
RT: 3.857 min Scan# 876
Delta R.T. -0.000 min
Lab File: VV038417.D
Acq: 05 Dec 2024 12:56

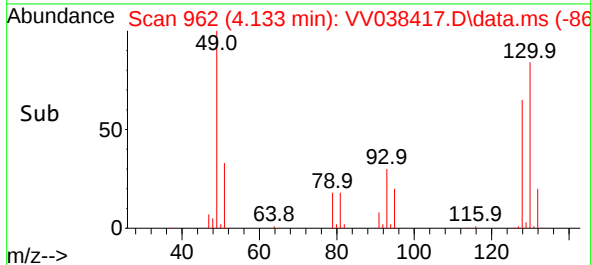
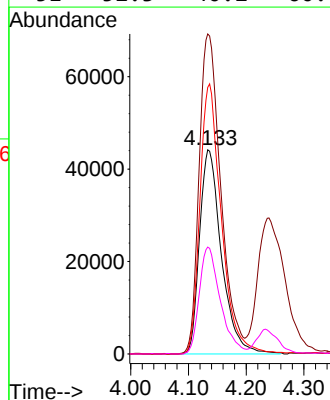
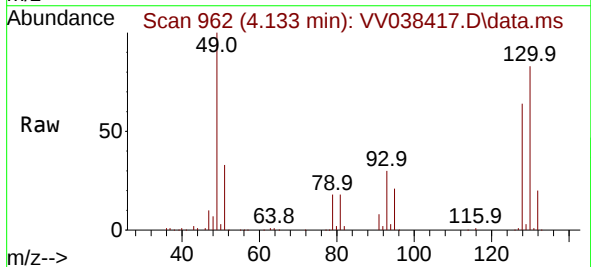
Instrument :
MSVOA_V
ClientSampleId :

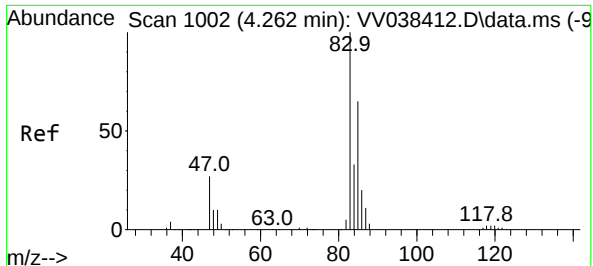
Tgt Ion: 43 Resp: 339134
Ion Ratio Lower Upper
43 100
72 26.7 12.5 37.5



#23
Bromochloromethane
Concen: 50.411 ug/L
RT: 4.133 min Scan# 962
Delta R.T. -0.000 min
Lab File: VV038417.D
Acq: 05 Dec 2024 12:56

Tgt Ion:128 Resp: 116286
Ion Ratio Lower Upper
128 100
49 156.8 106.7 198.3
130 130.6 93.2 173.2
51 52.3 40.2 60.4





#25

Chloroform

Concen: 50.568 ug/L

RT: 4.262 min Scan# 1002

Delta R.T. 0.000 min

Lab File: VV038417.D

Acq: 05 Dec 2024 12:56

Instrument :

MSVOA_V

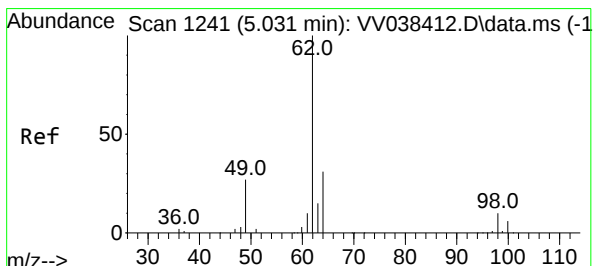
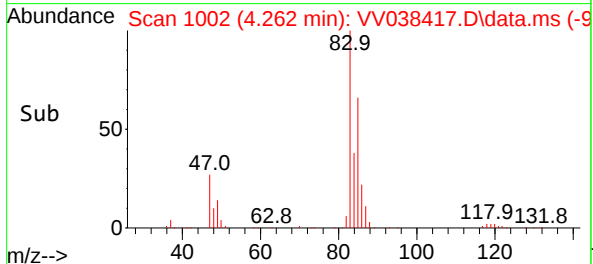
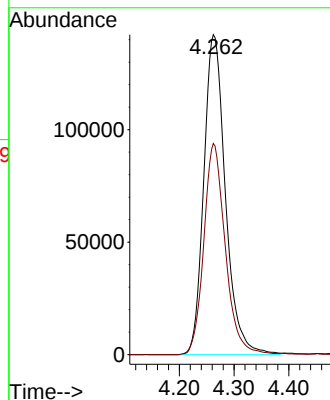
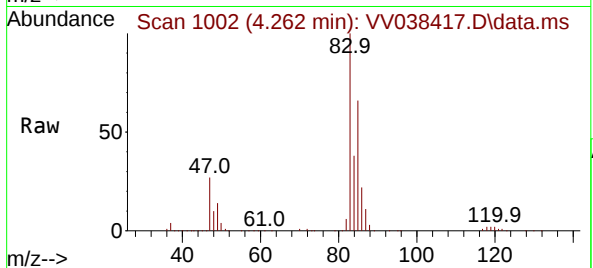
ClientSampleId :

Tgt Ion: 83 Resp: 390648

Ion Ratio Lower Upper

83 100

85 66.0 45.2 84.0



#27

1,2-Dichloroethane

Concen: 51.135 ug/L

RT: 5.030 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VV038417.D

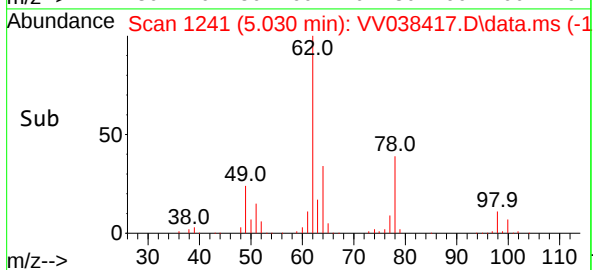
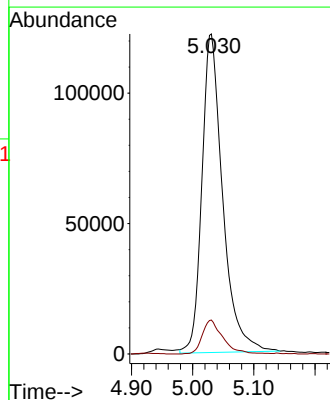
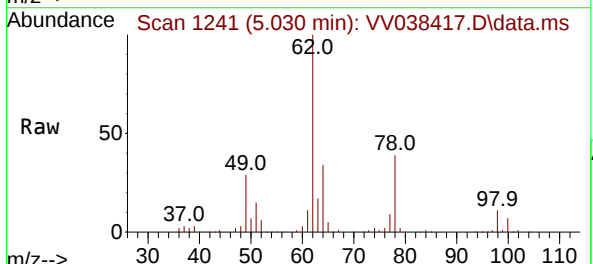
Acq: 05 Dec 2024 12:56

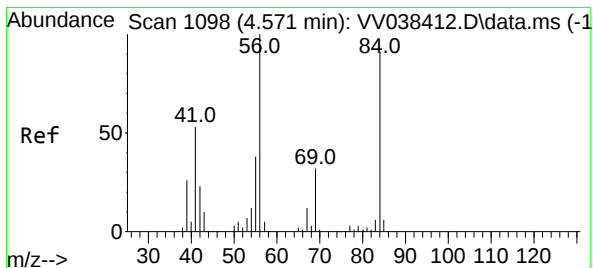
Tgt Ion: 62 Resp: 288160

Ion Ratio Lower Upper

62 100

98 10.6 7.5 11.3





#29

Cyclohexane

Concen: 51.119 ug/L

RT: 4.571 min Scan# 1098

Delta R.T. 0.000 min

Lab File: VV038417.D

Acq: 05 Dec 2024 12:56

Instrument :

MSVOA_V

ClientSampleId :

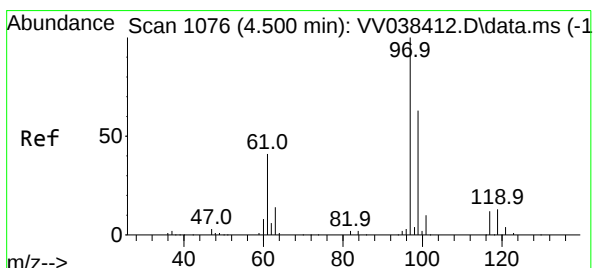
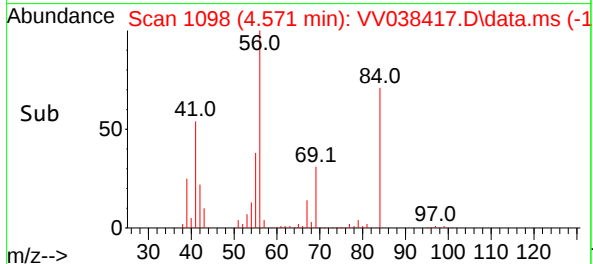
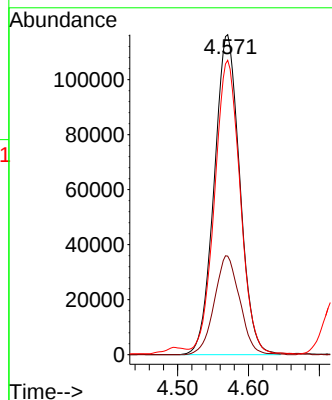
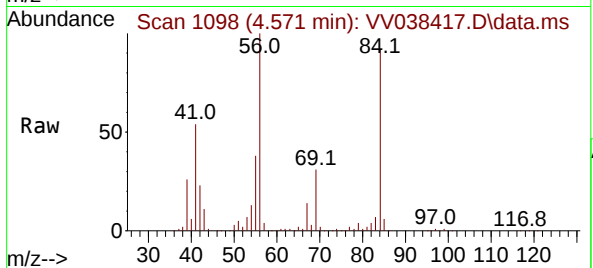
Tgt Ion: 56 Resp: 291690

Ion Ratio Lower Upper

56 100

69 30.6 24.8 37.2

84 91.0 73.7 110.5



#30

1,1,1-Trichloroethane

Concen: 49.828 ug/L

RT: 4.497 min Scan# 1075

Delta R.T. -0.003 min

Lab File: VV038417.D

Acq: 05 Dec 2024 12:56

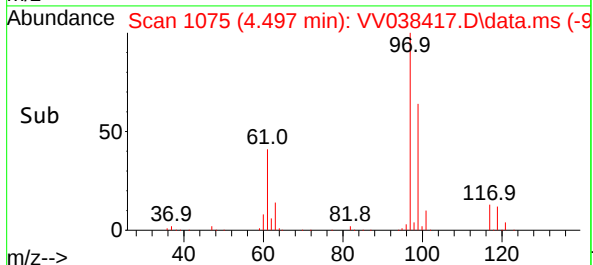
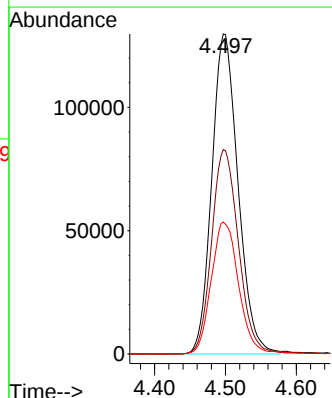
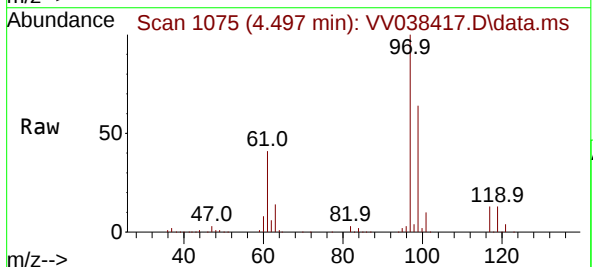
Tgt Ion: 97 Resp: 334422

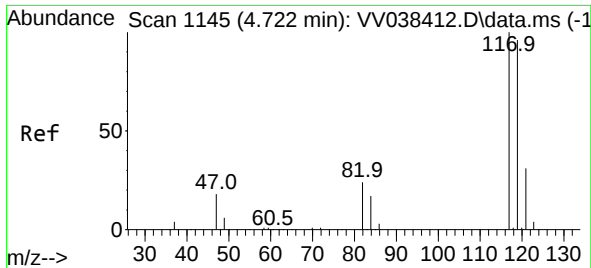
Ion Ratio Lower Upper

97 100

99 65.2 52.3 78.5

61 42.5 33.6 50.4

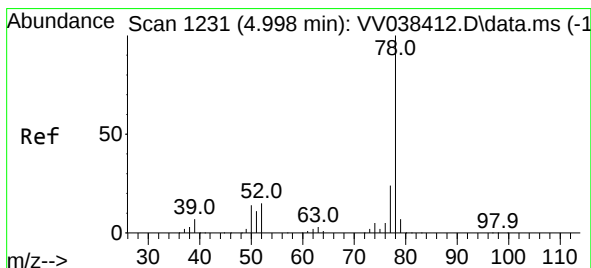
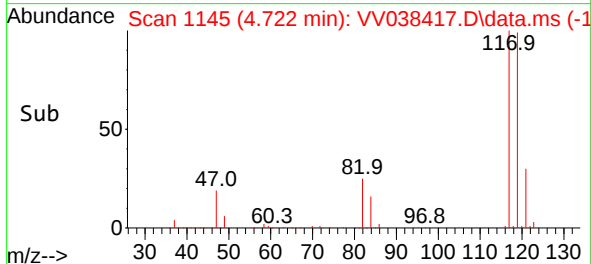
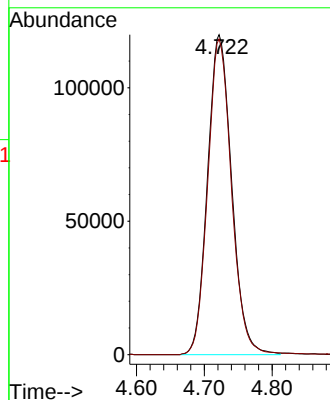
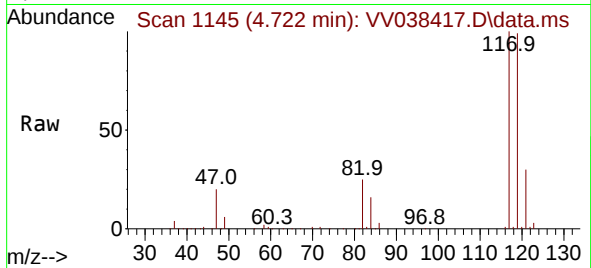




#31
Carbon tetrachloride
Concen: 50.473 ug/L
RT: 4.722 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VV038417.D
Acq: 05 Dec 2024 12:56

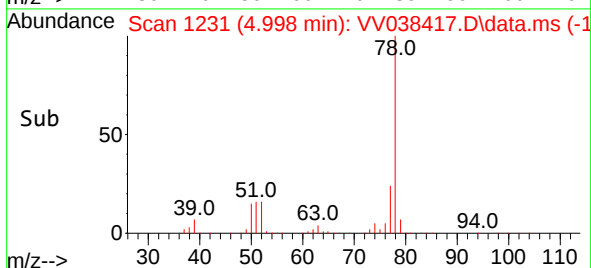
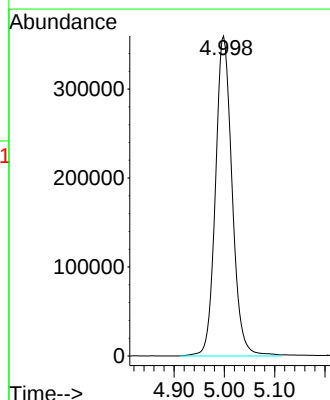
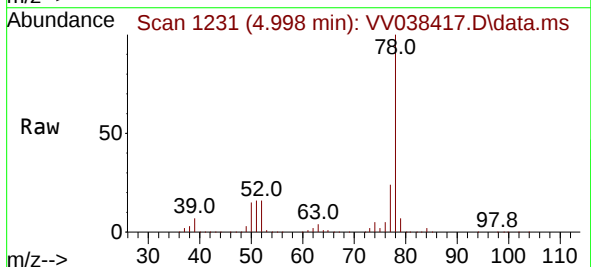
Instrument :
MSVOA_V
ClientSampleId :

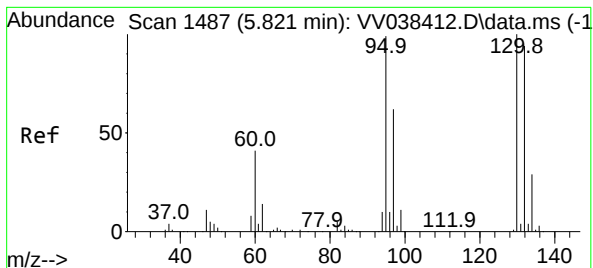
Tgt Ion:117 Resp: 297701
Ion Ratio Lower Upper
117 100
119 96.7 77.7 116.5



#33
Benzene
Concen: 51.614 ug/L
RT: 4.998 min Scan# 1231
Delta R.T. -0.000 min
Lab File: VV038417.D
Acq: 05 Dec 2024 12:56

Tgt Ion: 78 Resp: 827436





#34

Trichloroethene

Concen: 49.963 ug/L

RT: 5.821 min Scan# 1487

Delta R.T. -0.000 min

Lab File: VV038417.D

Acq: 05 Dec 2024 12:56

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 213986

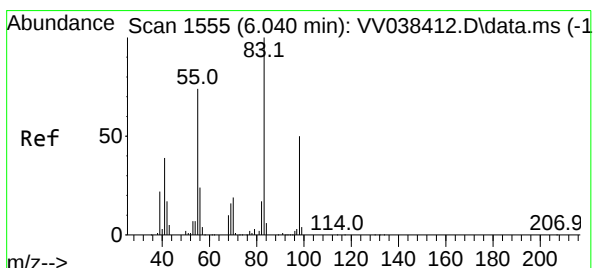
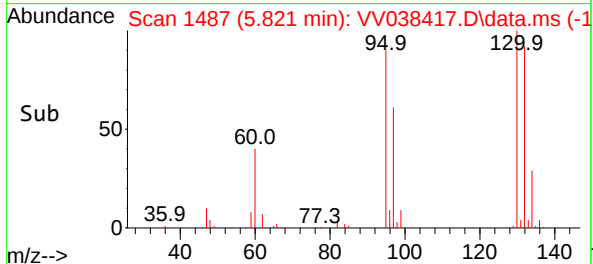
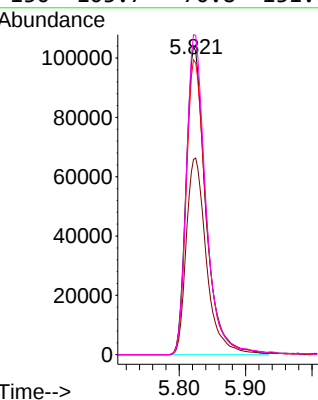
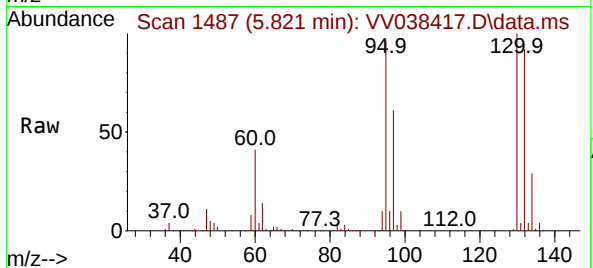
Ion Ratio Lower Upper

95 100

97 63.3 45.6 84.8

132 95.6 67.6 125.6

130 103.7 70.8 131.6



#35

Methylcyclohexane

Concen: 52.309 ug/L

RT: 6.040 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VV038417.D

Acq: 05 Dec 2024 12:56

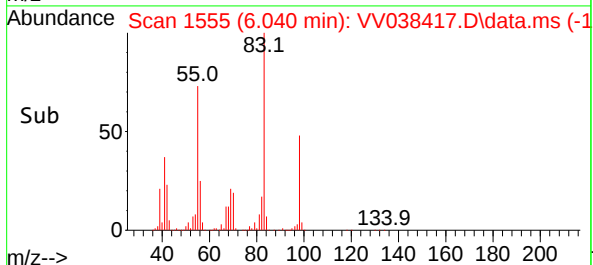
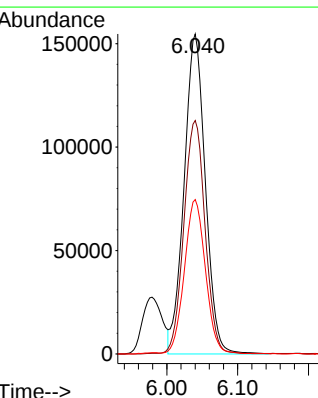
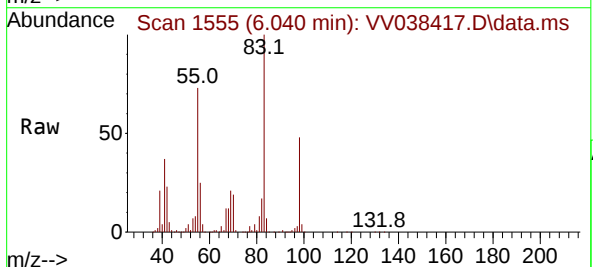
Tgt Ion: 83 Resp: 321719

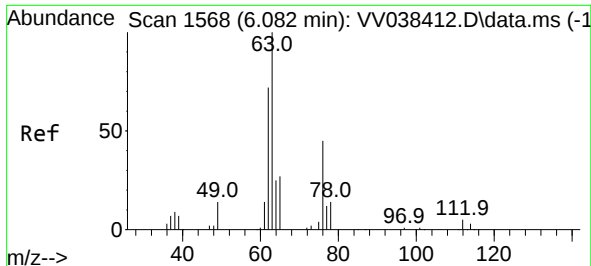
Ion Ratio Lower Upper

83 100

55 73.3 59.0 88.6

98 47.6 39.5 59.3

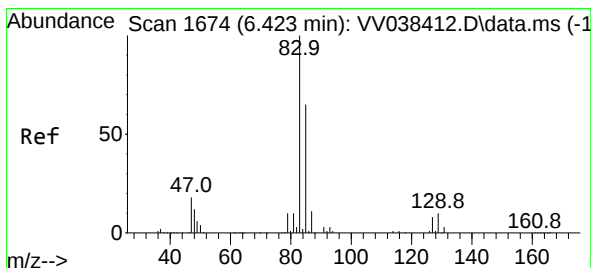
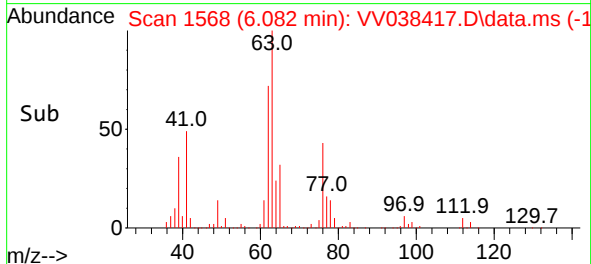
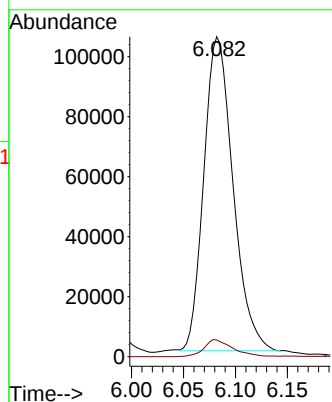
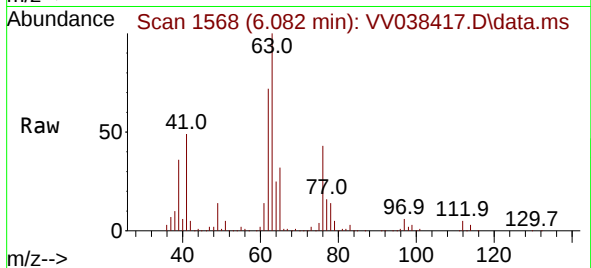




#37
1,2-Dichloropropane
Concen: 49.132 ug/L
RT: 6.082 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VV038417.D
Acq: 05 Dec 2024 12:56

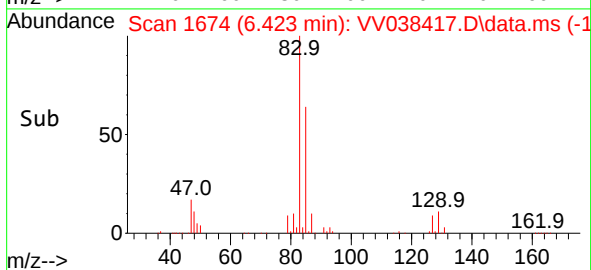
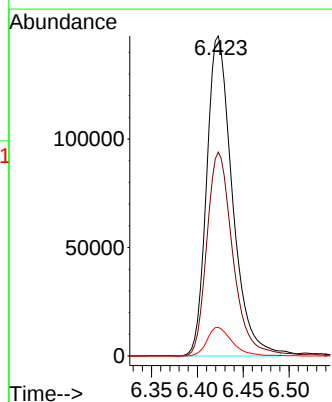
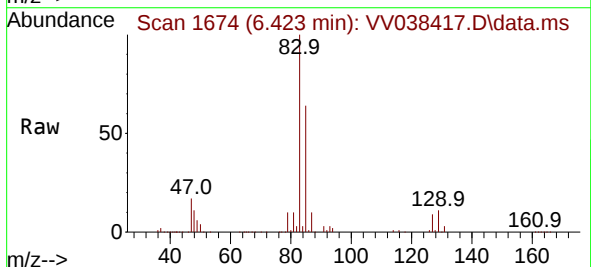
Instrument :
MSVOA_V
ClientSampleId :

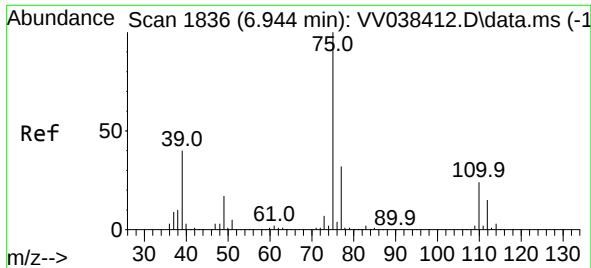
Tgt Ion: 63 Resp: 204797
Ion Ratio Lower Upper
63 100
112 5.3 3.8 5.6



#38
Bromodichloromethane
Concen: 49.611 ug/L
RT: 6.423 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VV038417.D
Acq: 05 Dec 2024 12:56

Tgt Ion: 83 Resp: 287000
Ion Ratio Lower Upper
83 100
85 63.7 44.9 83.5
127 8.9 6.8 10.2





#39

cis-1,3-Dichloropropene

Concen: 51.683 ug/L

RT: 6.944 min Scan# 1836

Delta R.T. 0.000 min

Lab File: VV038417.D

Acq: 05 Dec 2024 12:56

Instrument :

MSVOA_V

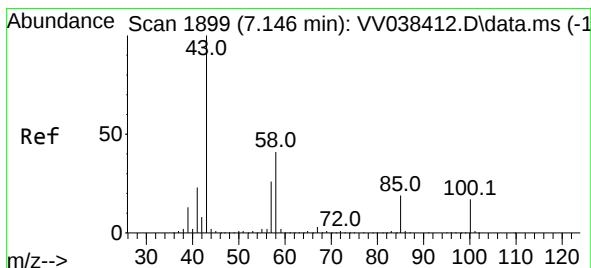
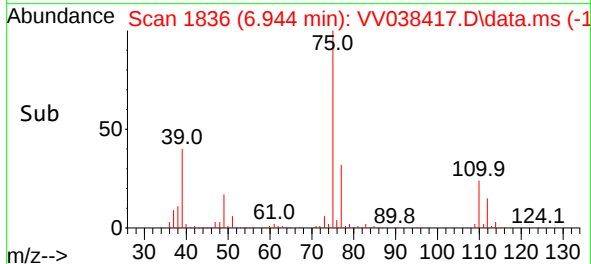
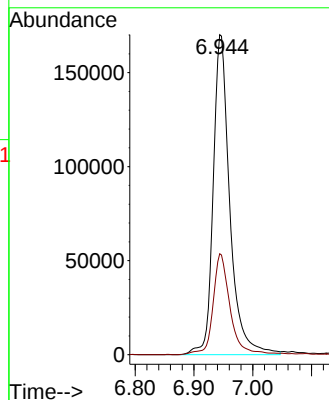
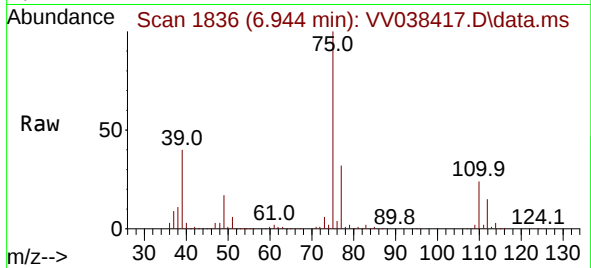
ClientSampleId :

Tgt Ion: 75 Resp: 334307

Ion Ratio Lower Upper

75 100

77 31.6 21.9 40.7



#40

4-Methyl-2-pentanone

Concen: 119.043 ug/L

RT: 7.146 min Scan# 1899

Delta R.T. 0.000 min

Lab File: VV038417.D

Acq: 05 Dec 2024 12:56

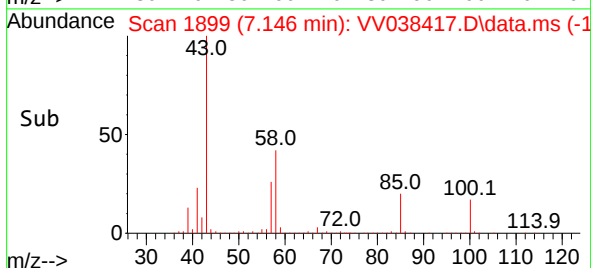
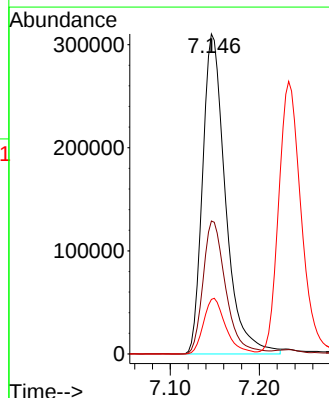
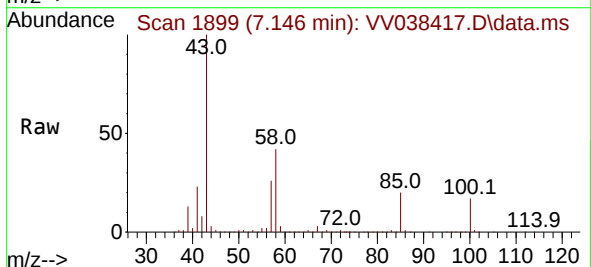
Tgt Ion: 43 Resp: 555360

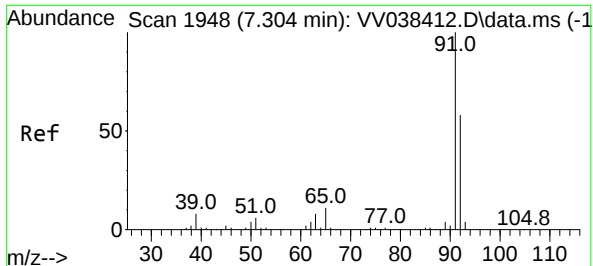
Ion Ratio Lower Upper

43 100

58 41.2 32.7 49.1

100 16.9 13.7 20.5

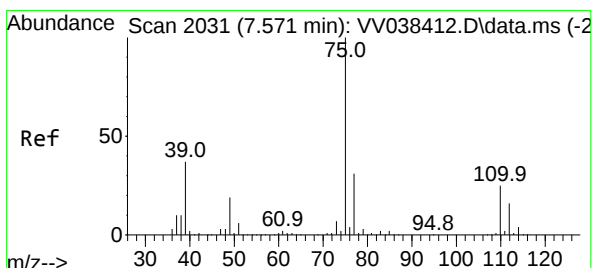
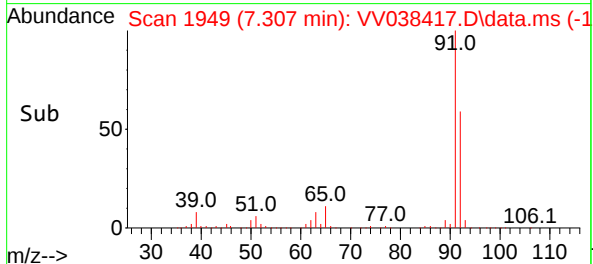
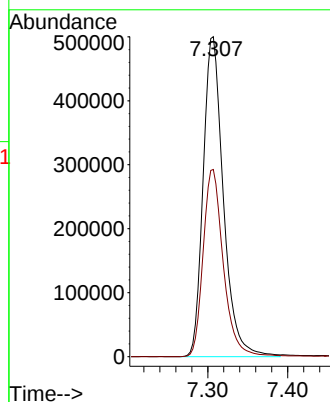
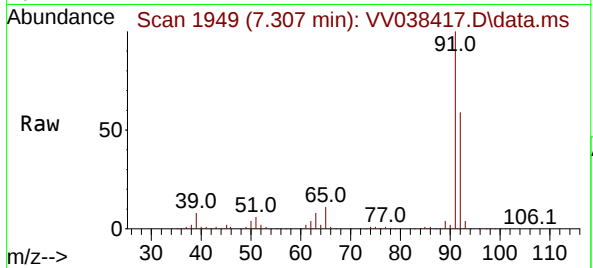




#42
Toluene
Concen: 52.893 ug/L
RT: 7.307 min Scan# 1949
Delta R.T. 0.003 min
Lab File: VV038417.D
Acq: 05 Dec 2024 12:56

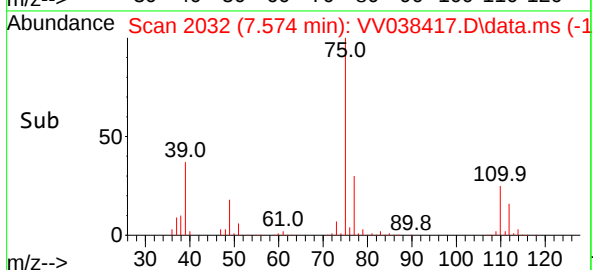
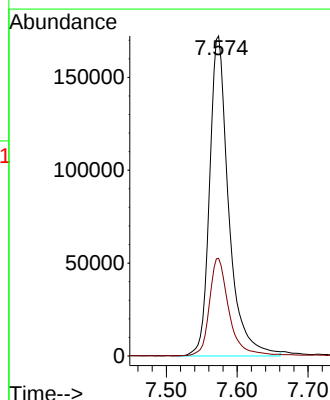
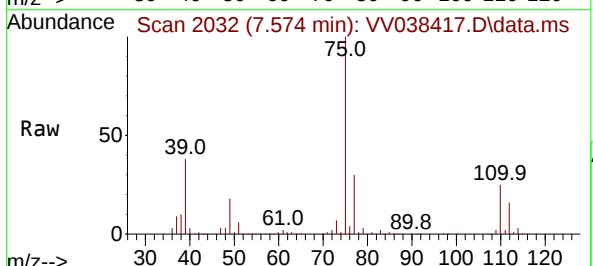
Instrument :
MSVOA_V
ClientSampleId :

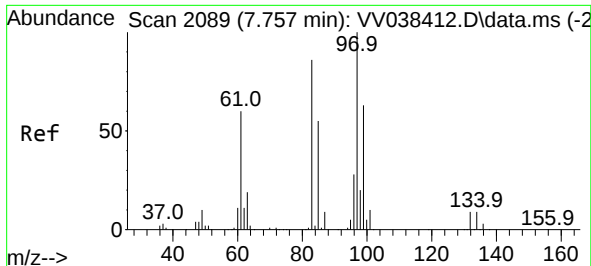
Tgt Ion: 91 Resp: 880930
Ion Ratio Lower Upper
91 100
92 58.5 41.2 76.4



#44
trans-1,3-Dichloropropene
Concen: 51.774 ug/L
RT: 7.574 min Scan# 2032
Delta R.T. 0.003 min
Lab File: VV038417.D
Acq: 05 Dec 2024 12:56

Tgt Ion: 75 Resp: 323516
Ion Ratio Lower Upper
75 100
77 30.5 22.7 42.1





#45

1,1,2-Trichloroethane

Concen: 51.359 ug/L

RT: 7.760 min Scan# 2089

Delta R.T. 0.003 min

Lab File: VV038417.D

Acq: 05 Dec 2024 12:56

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 222124

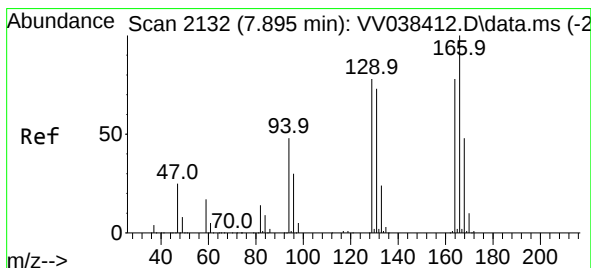
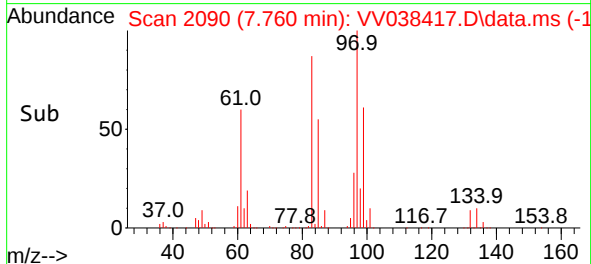
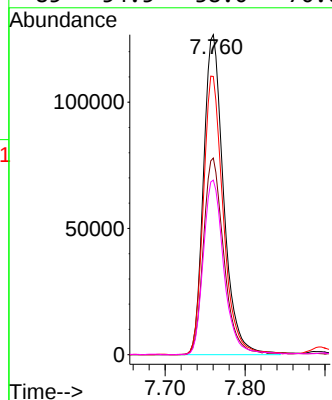
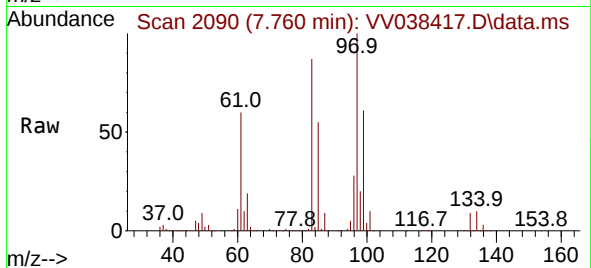
Ion Ratio Lower Upper

97 100

99 61.5 43.6 81.0

83 86.9 60.5 112.5

85 54.5 38.0 70.6



#46

Tetrachloroethene

Concen: 49.577 ug/L

RT: 7.895 min Scan# 2132

Delta R.T. 0.000 min

Lab File: VV038417.D

Acq: 05 Dec 2024 12:56

Tgt Ion:164 Resp: 163925

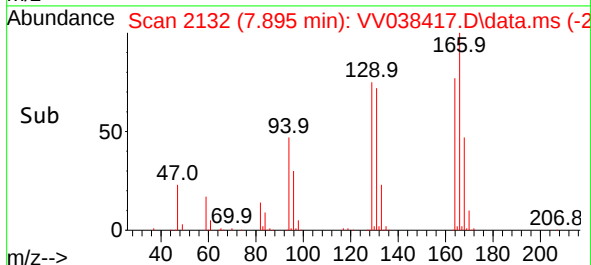
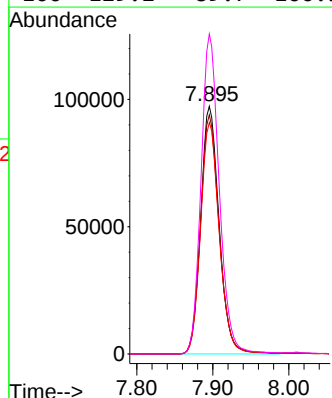
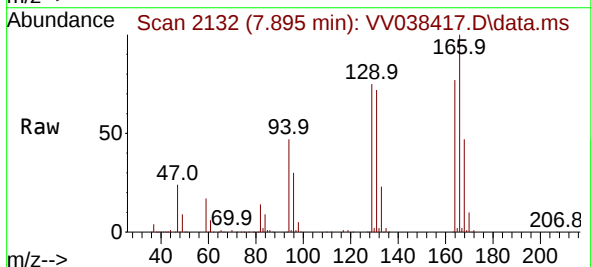
Ion Ratio Lower Upper

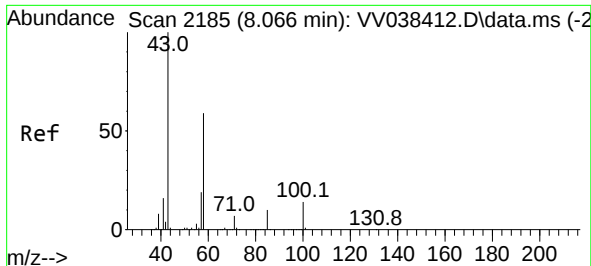
164 100

129 96.6 69.2 128.4

131 93.4 63.1 117.3

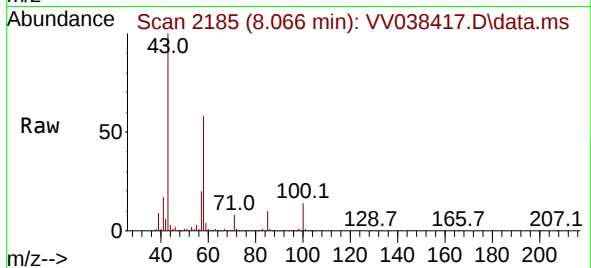
166 129.2 89.7 166.5



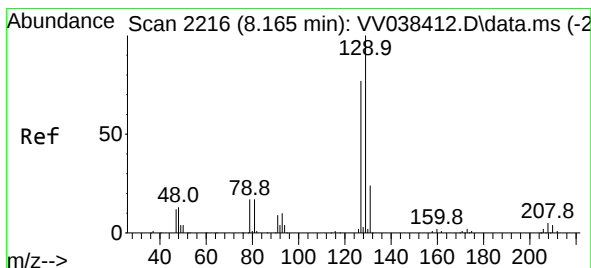
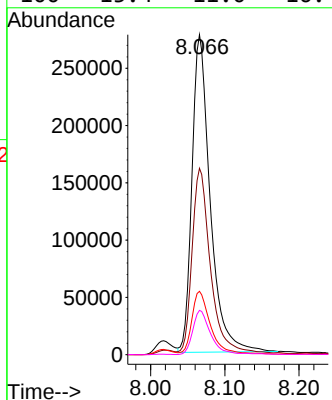
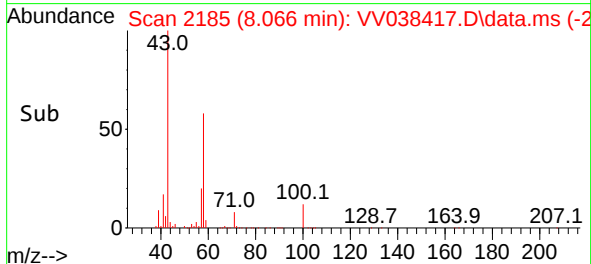


#48
2-Hexanone
Concen: 121.569 ug/L
RT: 8.066 min Scan# 2185
Delta R.T. -0.000 min
Lab File: VV038417.D
Acq: 05 Dec 2024 12:56

Instrument :
MSVOA_V
ClientSampleId :

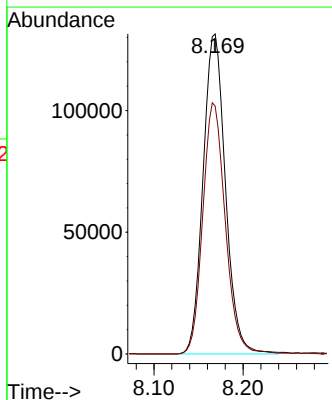
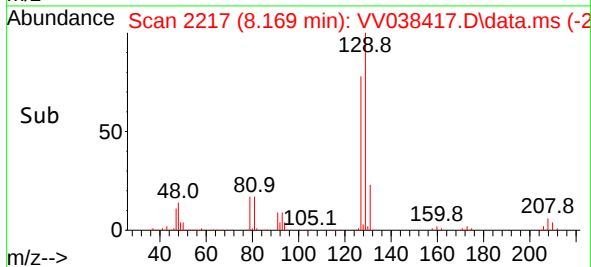
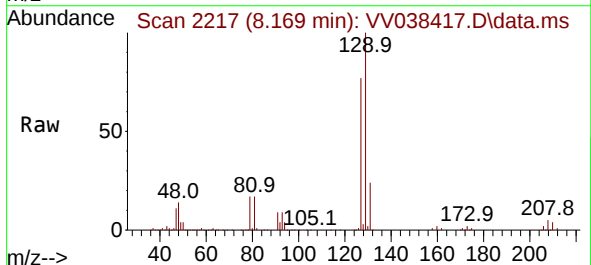


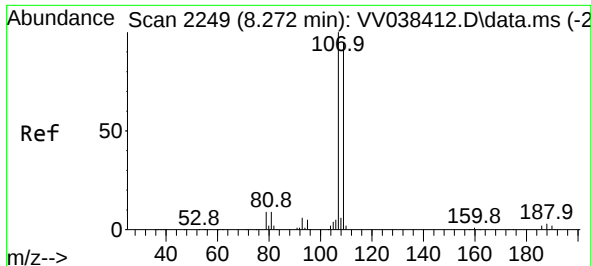
Tgt Ion: 43 Resp: 473201
Ion Ratio Lower Upper
43 100
58 59.7 48.0 72.0
57 20.4 15.5 23.3
100 13.4 11.0 16.4



#49
Dibromochloromethane
Concen: 51.451 ug/L
RT: 8.169 min Scan# 2217
Delta R.T. 0.003 min
Lab File: VV038417.D
Acq: 05 Dec 2024 12:56

Tgt Ion: 129 Resp: 229511
Ion Ratio Lower Upper
129 100
127 77.5 53.8 100.0

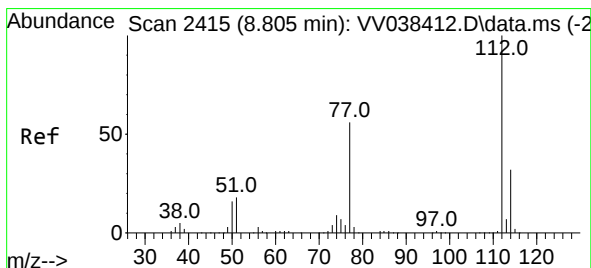
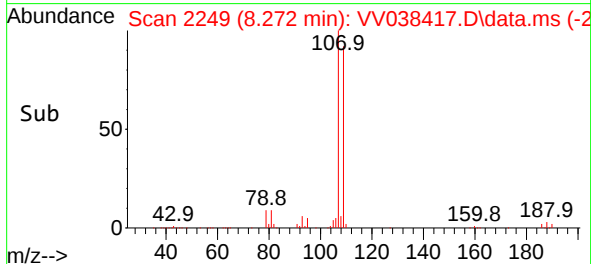
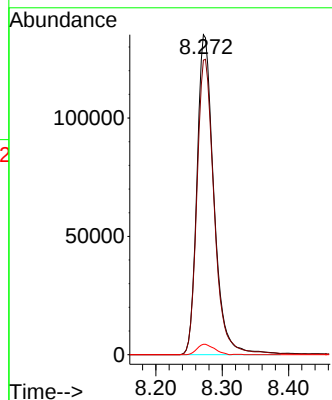
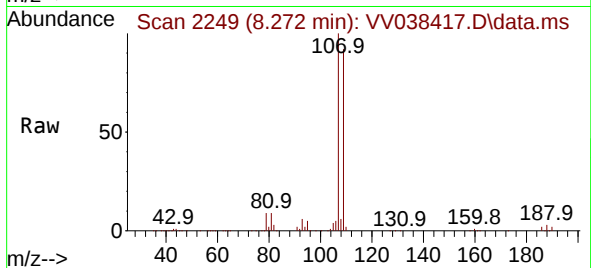




#50
1,2-Dibromoethane
Concen: 52.682 ug/L
RT: 8.272 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV038417.D
Acq: 05 Dec 2024 12:56

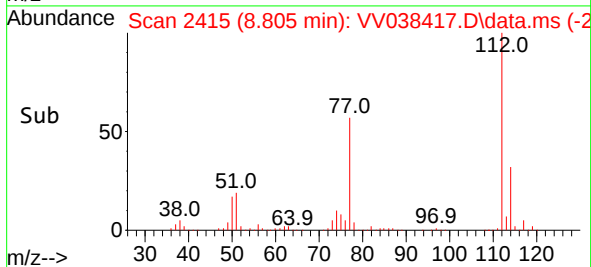
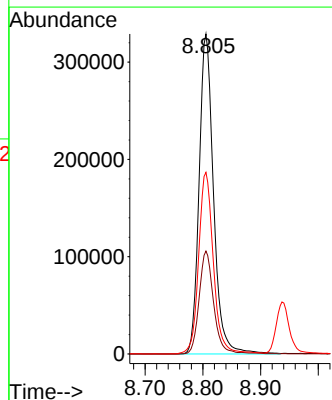
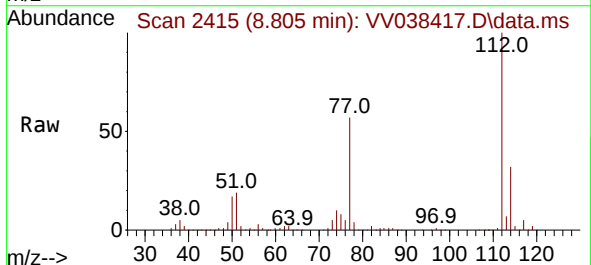
Instrument :
MSVOA_V
ClientSampleId :

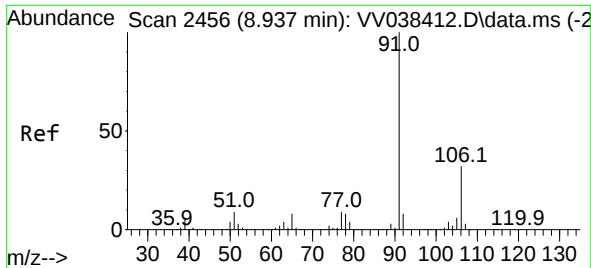
Tgt Ion:107 Resp: 240120
Ion Ratio Lower Upper
107 100
109 92.1 66.1 122.7
188 3.3 2.6 3.8



#51
Chlorobenzene
Concen: 49.962 ug/L
RT: 8.805 min Scan# 2415
Delta R.T. -0.000 min
Lab File: VV038417.D
Acq: 05 Dec 2024 12:56

Tgt Ion:112 Resp: 571743
Ion Ratio Lower Upper
112 100
114 32.2 21.9 40.7
77 56.7 45.4 68.0

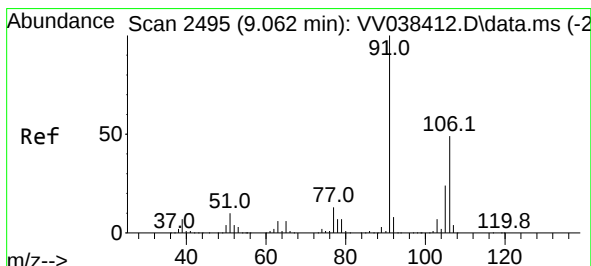
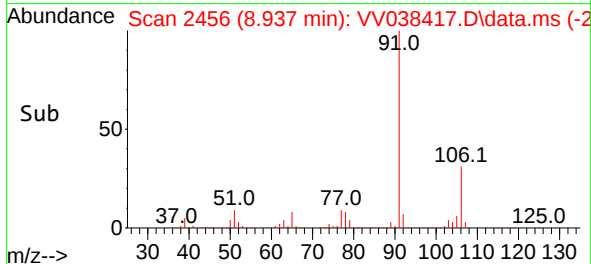
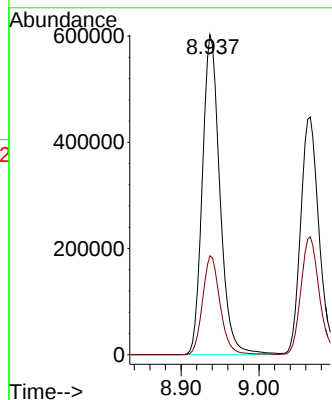
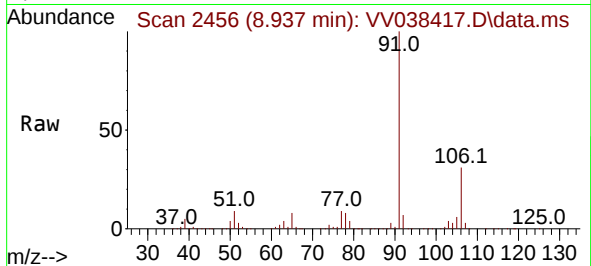




#52
Ethylbenzene
Concen: 52.804 ug/L
RT: 8.937 min Scan# 2456
Delta R.T. -0.000 min
Lab File: VV038417.D
Acq: 05 Dec 2024 12:56

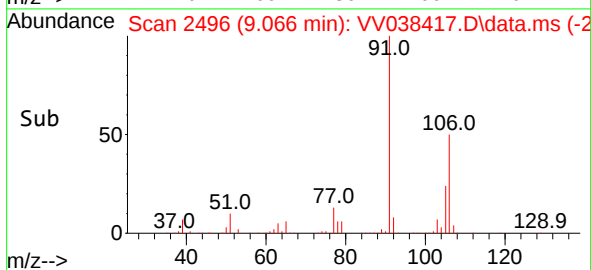
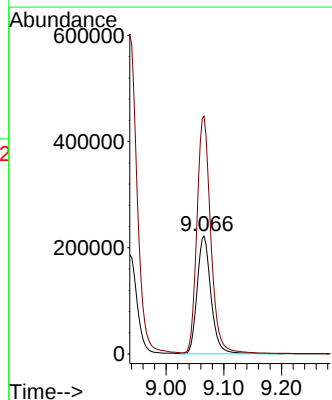
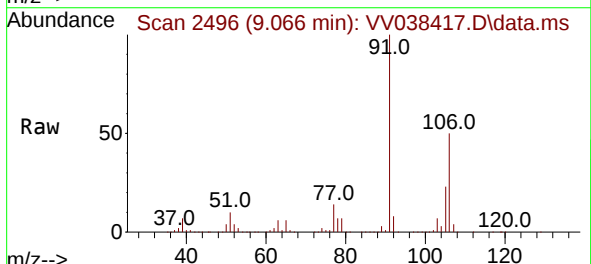
Instrument :
MSVOA_V
ClientSampleId :

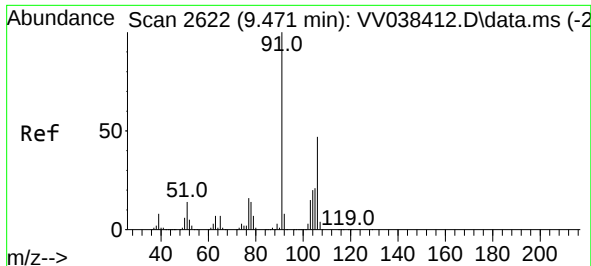
Tgt Ion: 91 Resp: 943257
Ion Ratio Lower Upper
91 100
106 30.9 21.6 40.0



#53
m,p-Xylene
Concen: 54.356 ug/L
RT: 9.066 min Scan# 2496
Delta R.T. 0.003 min
Lab File: VV038417.D
Acq: 05 Dec 2024 12:56

Tgt Ion: 106 Resp: 368041
Ion Ratio Lower Upper
106 100
91 201.5 142.6 264.8

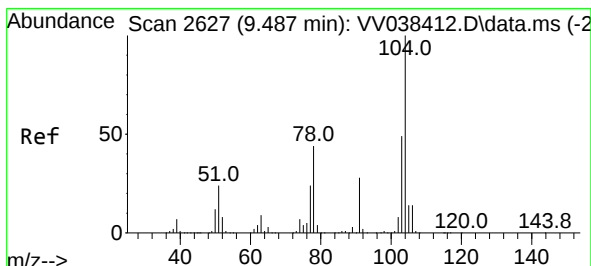
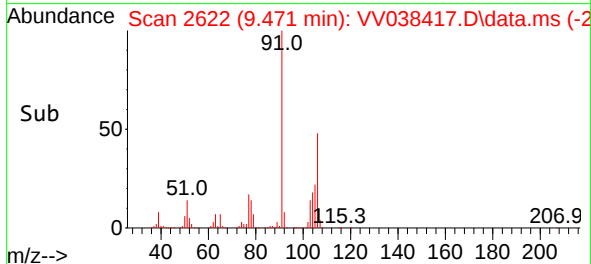
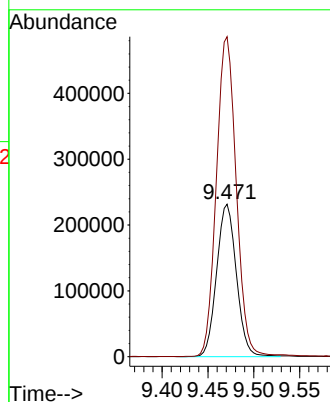
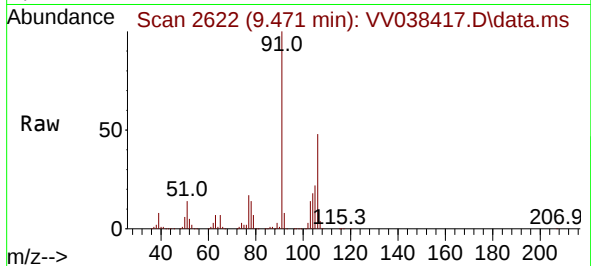




#54
o-Xylene
Concen: 53.242 ug/L
RT: 9.471 min Scan# 2622
Delta R.T. -0.000 min
Lab File: VV038417.D
Acq: 05 Dec 2024 12:56

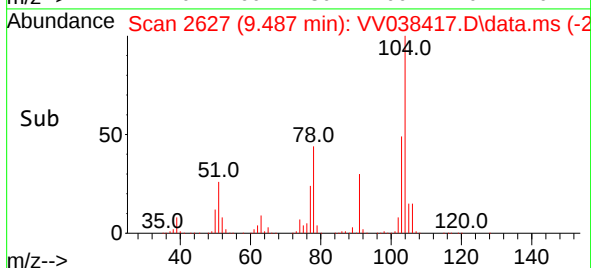
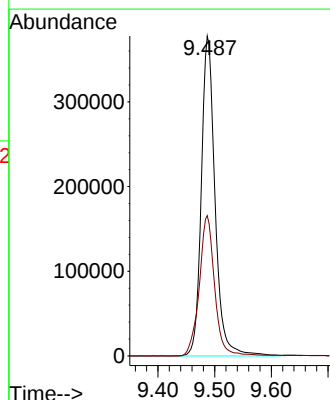
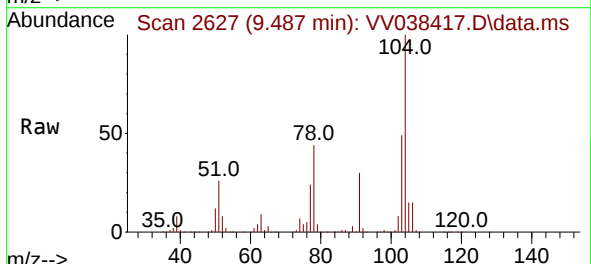
Instrument :
MSVOA_V
ClientSampleId :

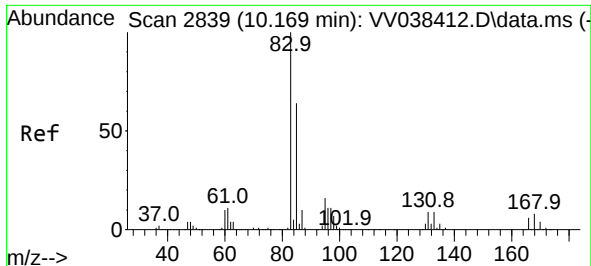
Tgt Ion:106 Resp: 346810
Ion Ratio Lower Upper
106 100
91 209.9 151.1 280.7



#55
Styrene
Concen: 55.745 ug/L
RT: 9.487 min Scan# 2627
Delta R.T. -0.000 min
Lab File: VV038417.D
Acq: 05 Dec 2024 12:56

Tgt Ion:104 Resp: 637482
Ion Ratio Lower Upper
104 100
78 43.9 29.7 55.1

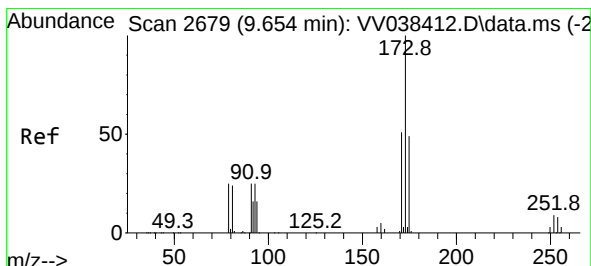
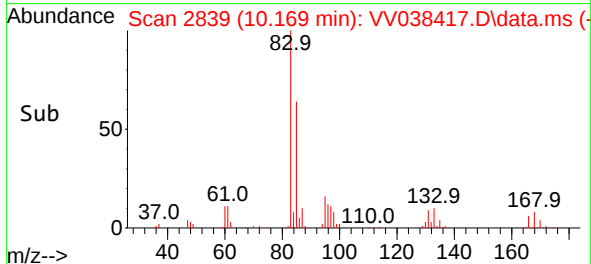
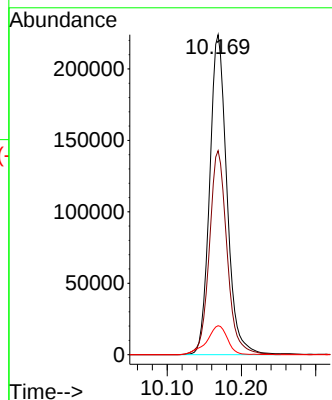
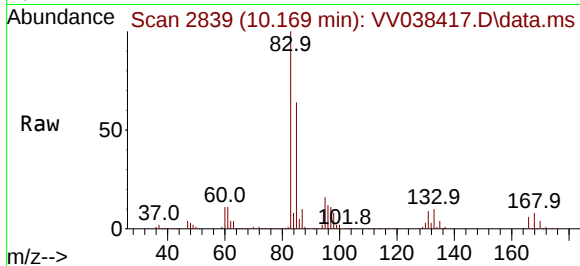




#57
1,1,2,2-Tetrachloroethane
Concen: 53.815 ug/L
RT: 10.169 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV038417.D
Acq: 05 Dec 2024 12:56

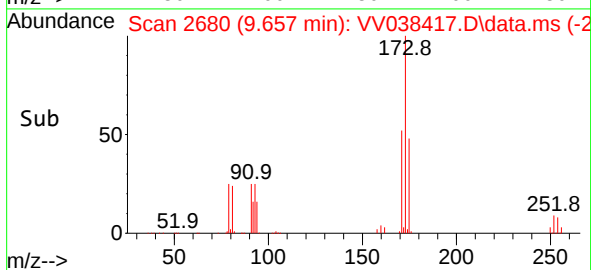
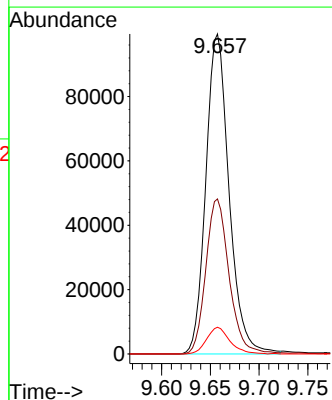
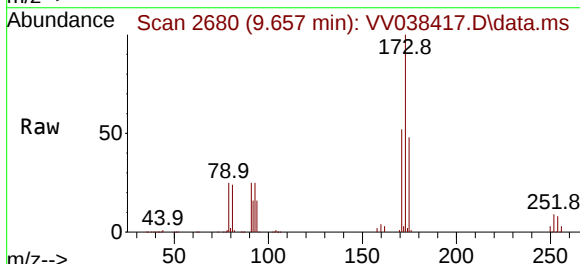
Instrument :
MSVOA_V
ClientSampleId :

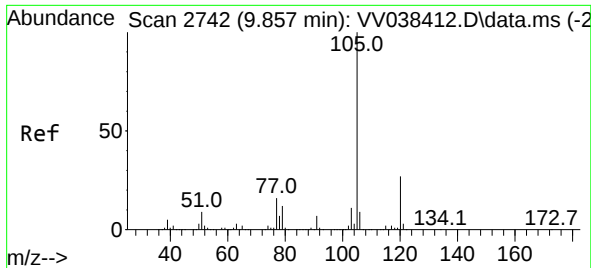
Tgt Ion: 83 Resp: 361532
Ion Ratio Lower Upper
83 100
85 63.8 44.7 82.9
131 9.1 8.0 12.0



#59
Bromoform
Concen: 52.602 ug/L
RT: 9.657 min Scan# 2680
Delta R.T. 0.003 min
Lab File: VV038417.D
Acq: 05 Dec 2024 12:56

Tgt Ion: 173 Resp: 165123
Ion Ratio Lower Upper
173 100
175 48.6 38.8 58.2
254 8.3 6.9 10.3

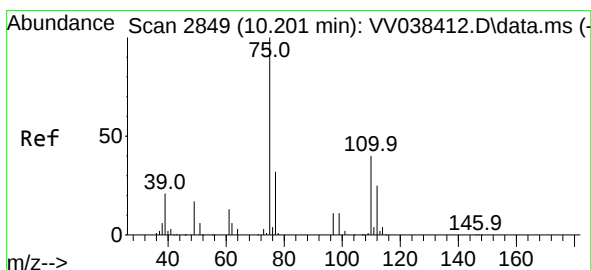
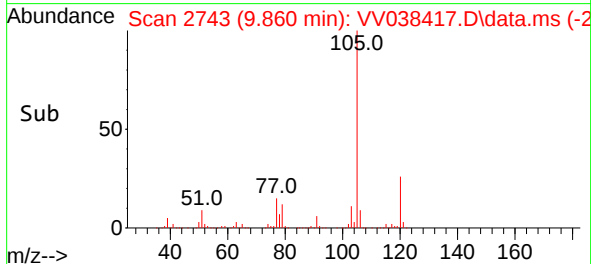
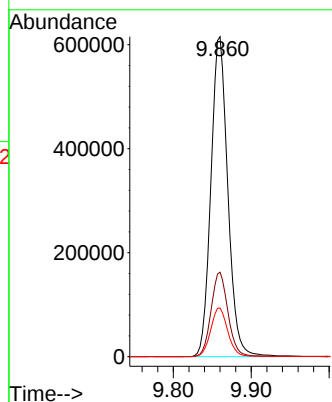
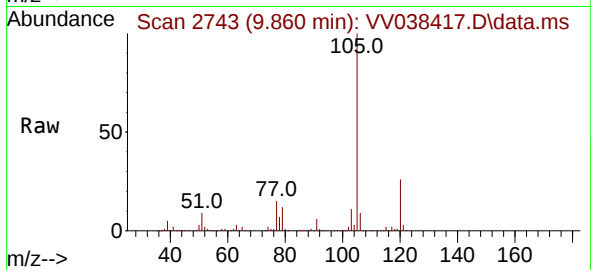




#60
Isopropylbenzene
Concen: 51.993 ug/L
RT: 9.860 min Scan# 2743
Delta R.T. 0.003 min
Lab File: VV038417.D
Acq: 05 Dec 2024 12:56

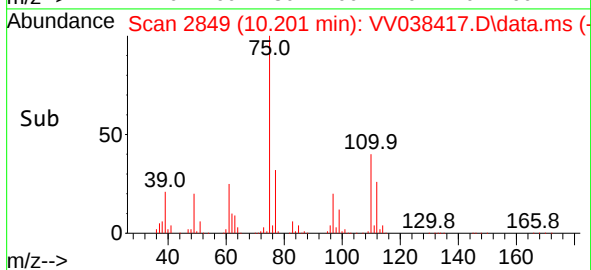
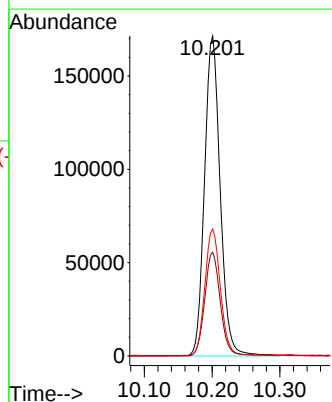
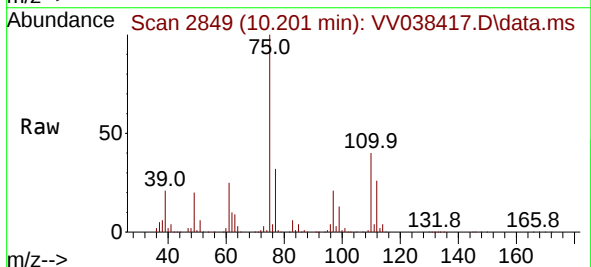
Instrument :
MSVOA_V
ClientSampleId :

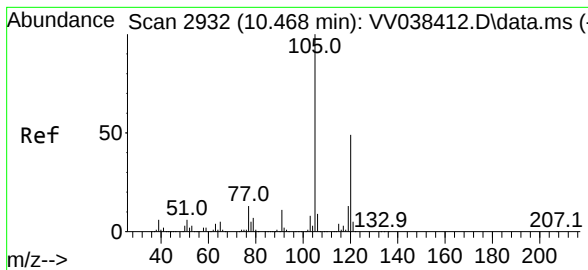
Tgt Ion:105 Resp: 928394
Ion Ratio Lower Upper
105 100
120 26.6 21.0 31.4
77 15.3 12.2 18.4



#61
1,2,3-Trichloropropane
Concen: 54.227 ug/L
RT: 10.201 min Scan# 2849
Delta R.T. 0.000 min
Lab File: VV038417.D
Acq: 05 Dec 2024 12:56

Tgt Ion: 75 Resp: 275657
Ion Ratio Lower Upper
75 100
77 31.6 25.8 38.6
110 39.4 32.2 48.4

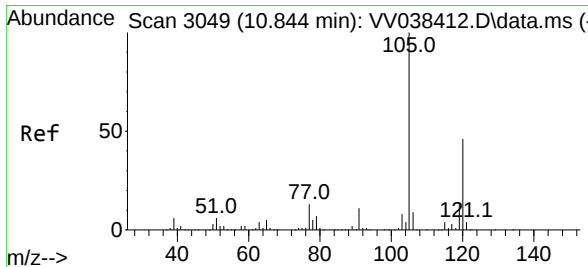
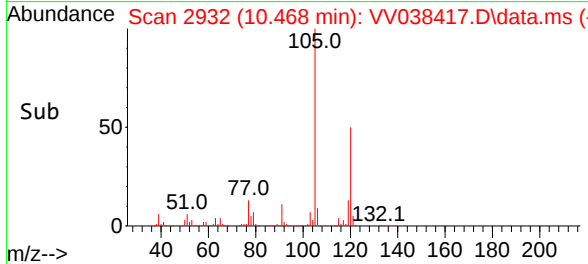
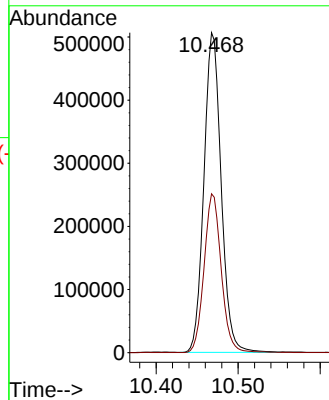
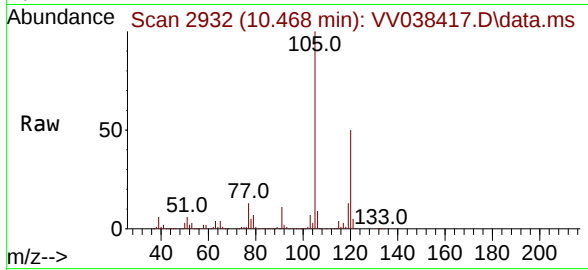




#62
1,3,5-Trimethylbenzene
Concen: 51.585 ug/L
RT: 10.468 min Scan# 2932
Delta R.T. -0.000 min
Lab File: VV038417.D
Acq: 05 Dec 2024 12:56

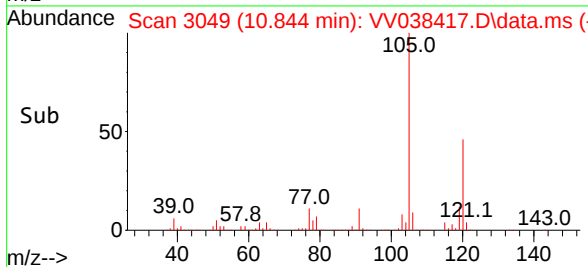
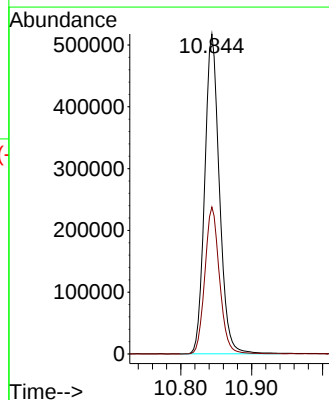
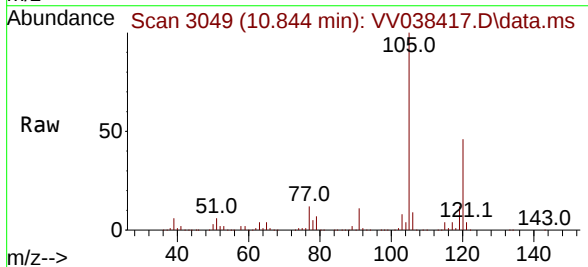
Instrument :
MSVOA_V
ClientSampleId :

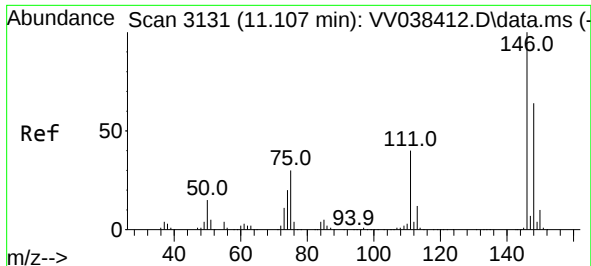
Tgt Ion:105 Resp: 739088
Ion Ratio Lower Upper
105 100
120 49.6 39.1 58.7



#63
1,2,4-Trimethylbenzene
Concen: 52.874 ug/L
RT: 10.844 min Scan# 3049
Delta R.T. 0.000 min
Lab File: VV038417.D
Acq: 05 Dec 2024 12:56

Tgt Ion:105 Resp: 744735
Ion Ratio Lower Upper
105 100
120 45.8 36.6 55.0

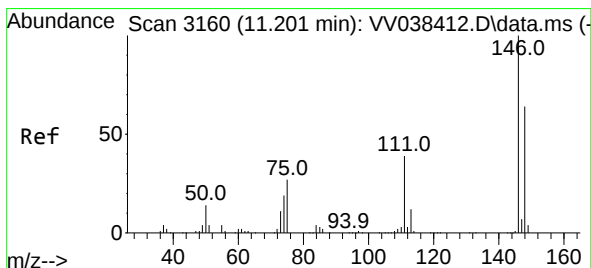
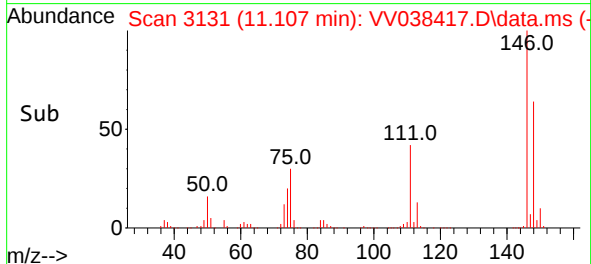
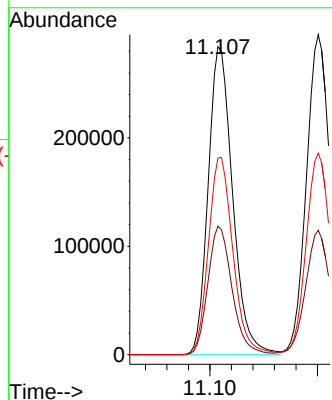
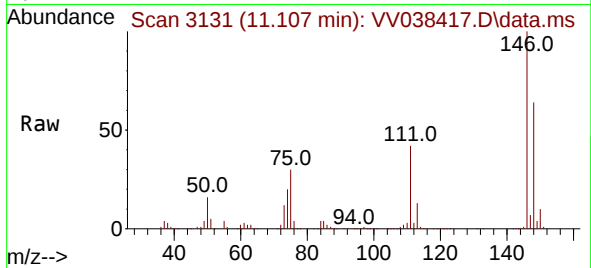




#64
 1,3-Dichlorobenzene
 Concen: 48.900 ug/L
 RT: 11.107 min Scan# 3131
 Delta R.T. 0.000 min
 Lab File: VV038417.D
 Acq: 05 Dec 2024 12:56

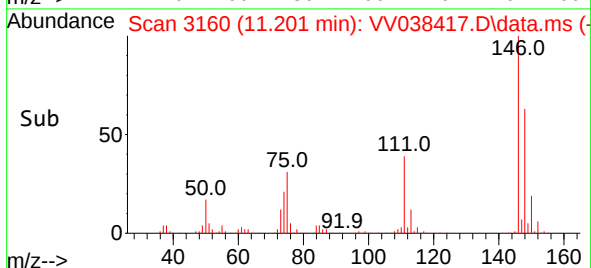
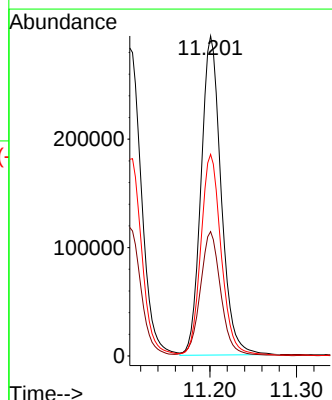
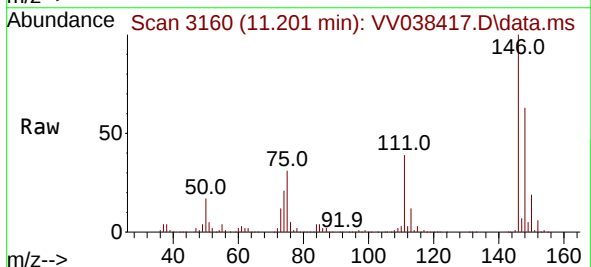
Instrument :
 MSVOA_V
 ClientSampleId :

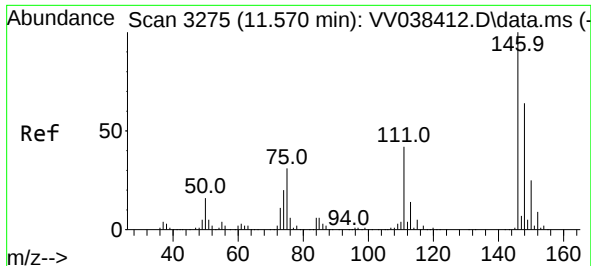
Tgt Ion:146 Resp: 448200
 Ion Ratio Lower Upper
 146 100
 111 41.7 27.8 51.6
 148 63.8 45.1 83.7



#65
 1,4-Dichlorobenzene
 Concen: 48.744 ug/L
 RT: 11.201 min Scan# 3160
 Delta R.T. 0.000 min
 Lab File: VV038417.D
 Acq: 05 Dec 2024 12:56

Tgt Ion:146 Resp: 474948
 Ion Ratio Lower Upper
 146 100
 111 38.9 27.6 51.4
 148 63.0 44.9 83.3





#67

1,2-Dichlorobenzene

Concen: 48.542 ug/L

RT: 11.570 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV038417.D

Acq: 05 Dec 2024 12:56

Instrument :

MSVOA_V

ClientSampleId :

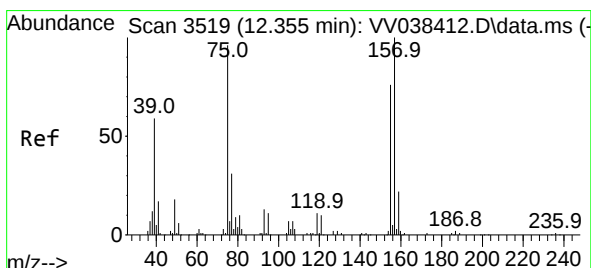
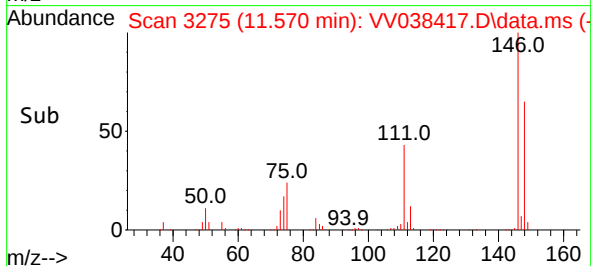
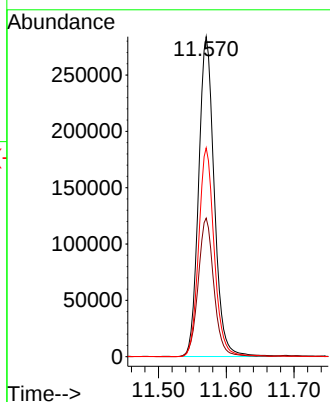
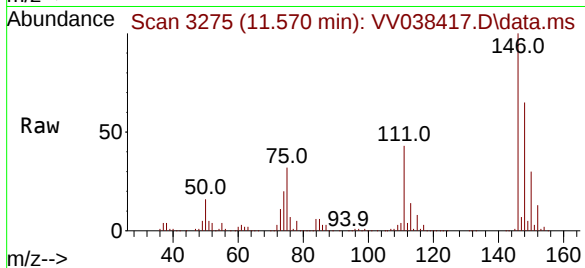
Tgt Ion:146 Resp: 453596

Ion Ratio Lower Upper

146 100

111 43.3 34.2 51.2

148 65.3 50.5 75.7



#68

1,2-Dibromo-3-chloropropane

Concen: 57.799 ug/L

RT: 12.355 min Scan# 3519

Delta R.T. -0.000 min

Lab File: VV038417.D

Acq: 05 Dec 2024 12:56

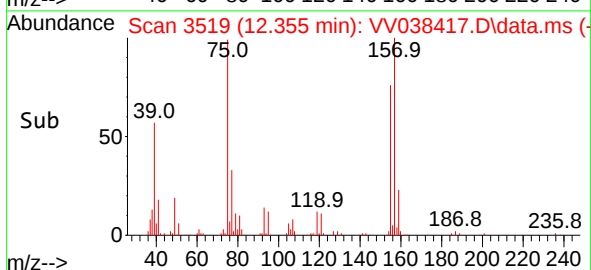
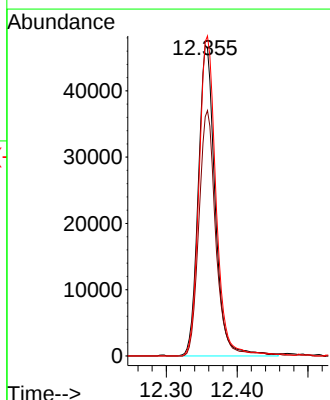
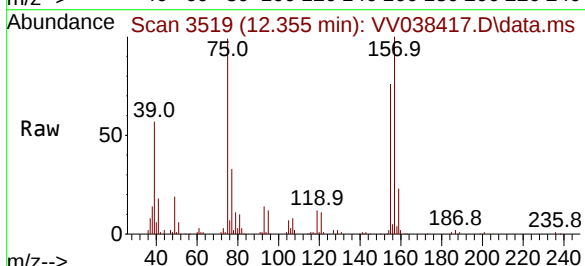
Tgt Ion: 75 Resp: 77438

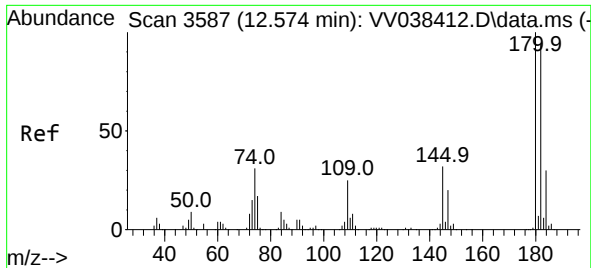
Ion Ratio Lower Upper

75 100

155 76.9 66.8 100.2

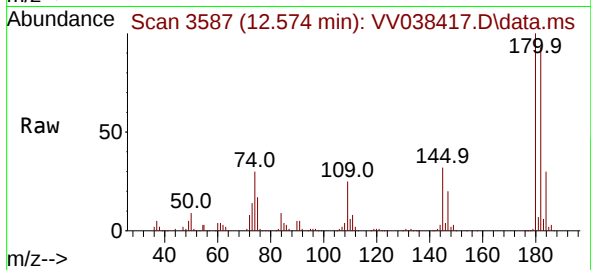
157 101.1 83.4 125.2



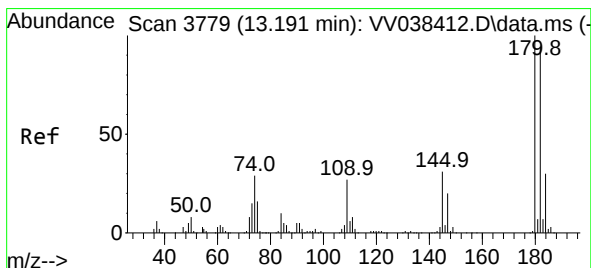
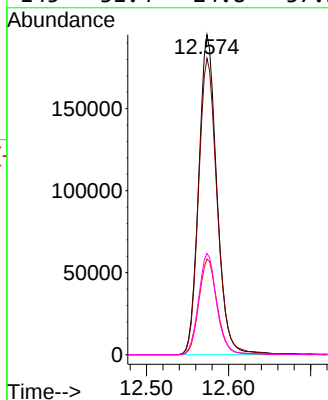
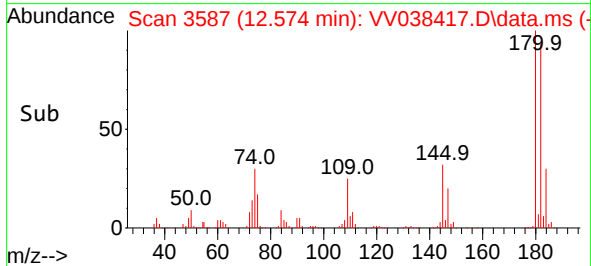


#69
 1,3,5-Trichlorobenzene
 Concen: 47.948 ug/L
 RT: 12.574 min Scan# 3587
 Delta R.T. 0.000 min
 Lab File: VV038417.D
 Acq: 05 Dec 2024 12:56

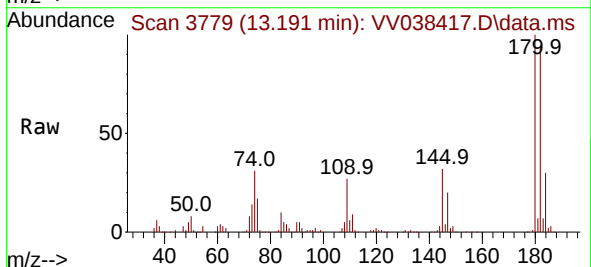
Instrument :
 MSVOA_V
 ClientSampleId :



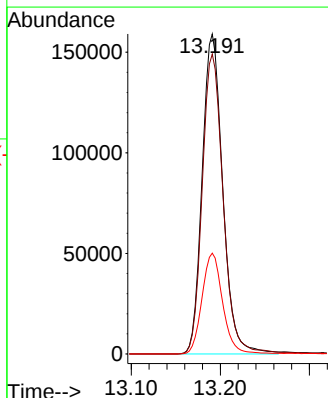
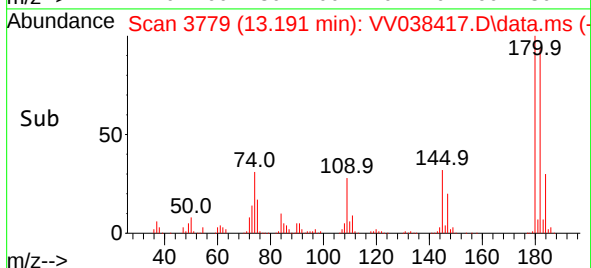
Tgt Ion:180 Resp: 299749
 Ion Ratio Lower Upper
 180 100
 182 94.6 76.2 114.4
 184 30.3 23.8 35.6
 145 31.4 24.8 37.2

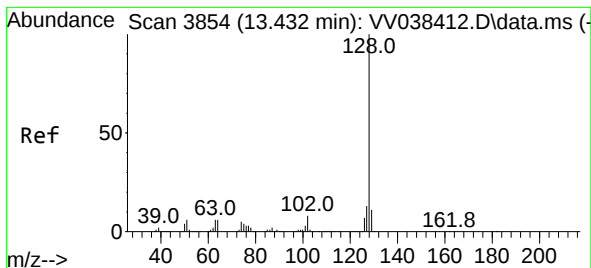


#70
 1,2,4-trichlorobenzene
 Concen: 48.477 ug/L
 RT: 13.191 min Scan# 3779
 Delta R.T. 0.000 min
 Lab File: VV038417.D
 Acq: 05 Dec 2024 12:56



Tgt Ion:180 Resp: 255319
 Ion Ratio Lower Upper
 180 100
 182 94.9 76.2 114.2
 145 31.4 24.7 37.1





#71

Naphthalene

Concen: 50.694 ug/L

RT: 13.432 min Scan# 3854

Delta R.T. 0.000 min

Lab File: VV038417.D

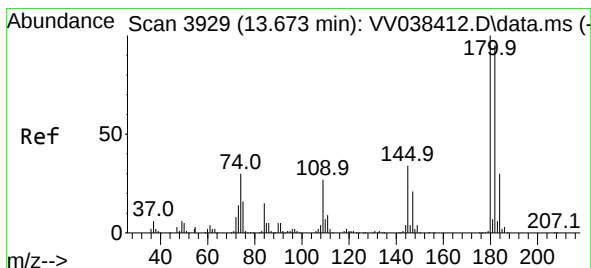
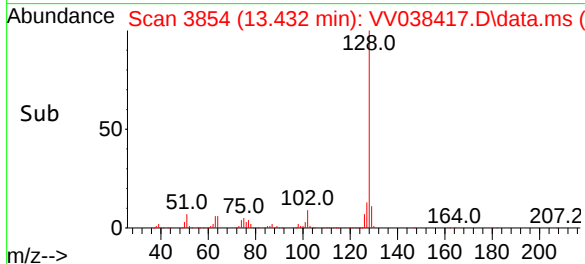
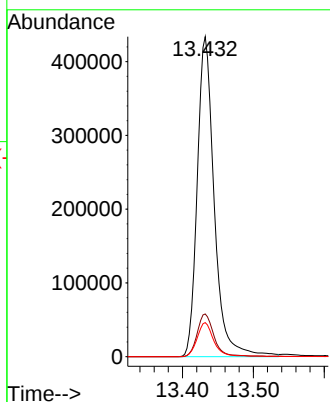
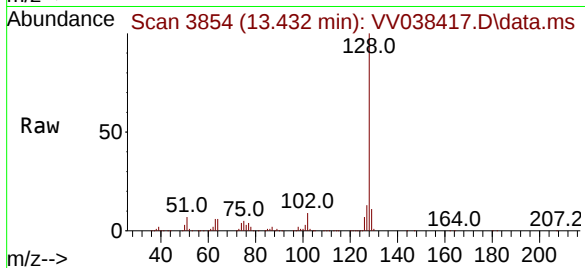
Acq: 05 Dec 2024 12:56

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	128	Resp:	723846
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.1	15.1
129	10.3	8.6	12.8



#72

1,2,3-Trichlorobenzene

Concen: 52.669 ug/L

RT: 13.673 min Scan# 3929

Delta R.T. 0.000 min

Lab File: VV038417.D

Acq: 05 Dec 2024 12:56

Tgt Ion:	180	Resp:	272149
Ion Ratio	Lower	Upper	
180	100		
182	94.3	75.8	113.6
145	33.6	27.1	40.7

