

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV101624\
 Data File : VV037876.D
 Acq On : 16 Oct 2024 14:03
 Operator : SY/MD
 Sample : VSTD0.5
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 17 01:58:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR101624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 17 01:55:12 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	304373	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	314642	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	151787	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	28217	1.063	ug/L	0.00
7) Chloroethane-d5	1.529	69	23990	1.130	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.050	65	13548	1.176	ug/L	0.00
20) 2-Butanone-d5	3.873	46	19011	3.997	ug/L	0.06
24) Chloroform-d	4.246	84	59691	1.359	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.950	65	23691	1.141	ug/L	0.00
32) Benzene-d6	4.957	84	109684	1.258	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.989	67	36411	1.352	ug/L	0.00
41) Toluene-d8	7.243	98	94174	1.200	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.571	79	10522	1.088	ug/L	0.02
46) 2-Hexanone-d5	8.037	63	42551	10.407	ug/L	0.01
56) 1,1,2,2-Tetrachloroeth...	10.149	84	28083	1.335	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.558	152	38596	1.448	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	12525	0.435	ug/L	99
3) Chloromethane	1.214	50	15063	0.460	ug/L	98
5) Vinyl chloride	1.278	62	13736	0.425	ug/L	94
6) Bromomethane	1.484	94	10857	0.577	ug/L	96
8) Chloroethane	1.545	64	8694	0.438	ug/L	93
9) Trichlorofluoromethane	1.709	101	17075	0.436	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	9773	0.411	ug/L	95
12) 1,1-Dichloroethene	2.063	96	11512	0.502	ug/L #	55
13) Acetone	2.162	43	15686	4.644	ug/L	73
14) Carbon disulfide	2.233	76	35714	0.489	ug/L	99
15) Methyl Acetate	2.397	43	1193	0.136	ug/L #	64
16) Methylene chloride	2.442	84	13809	0.480	ug/L	97
17) Methyl tert-butyl Ether	2.703	73	25030	0.481	ug/L	97
18) trans-1,2-Dichloroethene	2.693	96	12095	0.510	ug/L	97
19) 1,1-Dichloroethane	3.108	63	21325	0.458	ug/L	98
21) 2-Butanone	3.857	43	246	0.046	ug/L	96
22) cis-1,2-Dichloroethene	3.831	96	11142	0.455	ug/L	96
23) Bromochloromethane	4.156	128	5647	0.508	ug/L	93
25) Chloroform	4.275	83	23120	0.503	ug/L	99
27) 1,2-Dichloroethane	5.066	62	9952	0.371	ug/L #	93
29) 1,1,1-Trichloroethane	4.506	97	18129	0.463	ug/L	99
30) Cyclohexane	4.571	56	13349	0.366	ug/L	98
31) Carbon tetrachloride	4.731	117	14272	0.423	ug/L	99
33) Benzene	5.014	78	40962	0.419	ug/L	100
34) Trichloroethene	5.844	95	11754	0.457	ug/L	97
35) Methylcyclohexane	6.043	83	13613	0.357	ug/L	96
37) 1,2-Dichloropropane	6.098	63	9428	0.372	ug/L #	96
38) Bromodichloromethane	6.436	83	14041	0.448	ug/L	94
39) cis-1,3-Dichloropropene	6.973	75	10330	0.302	ug/L	98
40) 4-Methyl-2-pentanone	7.169	43	49982	3.727	ug/L	93
42) Toluene	7.317	91	42741	0.422	ug/L	99
44) trans-1,3-Dichloropropene	7.603	75	11680	0.420	ug/L	92

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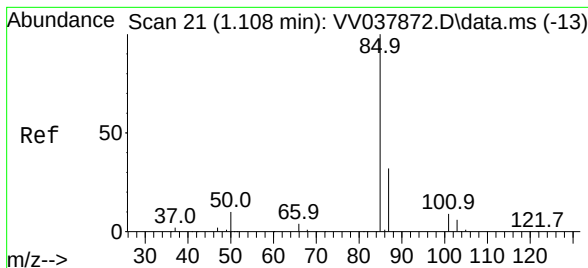
Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 17 01:58:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR101624WMA.M
 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	7.776	97	8483	0.472	ug/L	93
47) Tetrachloroethene	7.905	164	7539	0.370	ug/L	85
48) 2-Hexanone	8.091	43	39262	3.972	ug/L #	86
49) Dibromochloromethane	8.172	129	8926	0.470	ug/L	96
50) 1,2-Dibromoethane	8.288	107	7944	0.467	ug/L #	88
51) Chlorobenzene	8.815	112	32106	0.482	ug/L	99
52) Ethylbenzene	8.947	91	43955	0.403	ug/L	93
53) m,p-Xylene	9.079	106	15173	0.375	ug/L	92
54) o-Xylene	9.477	106	15465	0.397	ug/L	90
55) Styrene	9.503	104	24800	0.376	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.178	83	10732	0.489	ug/L	99
59) Bromoform	9.664	173	4187	0.457	ug/L	93
60) Isopropylbenzene	9.863	105	39150	0.406	ug/L	98
61) 1,2,3-Trichloropropane	10.210	75	7218	0.486	ug/L #	92
62) 1,3,5-Trimethylbenzene	10.474	105	27707	0.356	ug/L	98
63) 1,2,4-Trimethylbenzene	10.853	105	27737	0.361	ug/L	99
64) 1,3-Dichlorobenzene	11.123	146	23887	0.489	ug/L	98
65) 1,4-Dichlorobenzene	11.207	146	24223	0.473	ug/L	98
67) 1,2-Dichlorobenzene	11.577	146	22521	0.497	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.381	75	1324	0.444	ug/L #	55
69) 1,3,5-Trichlorobenzene	12.583	180	15755	0.431	ug/L	95
70) 1,2,4-trichlorobenzene	13.201	180	13914	0.452	ug/L	97
71) Naphthalene	13.445	128	32623	0.711	ug/L #	95
72) 1,2,3-Trichlorobenzene	13.680	180	13067	0.481	ug/L	98

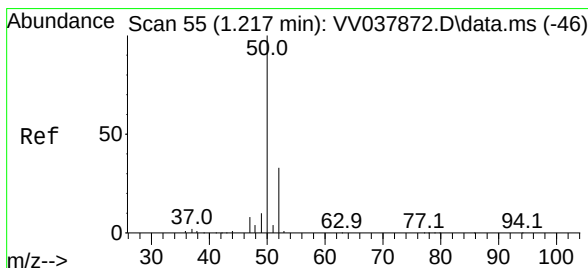
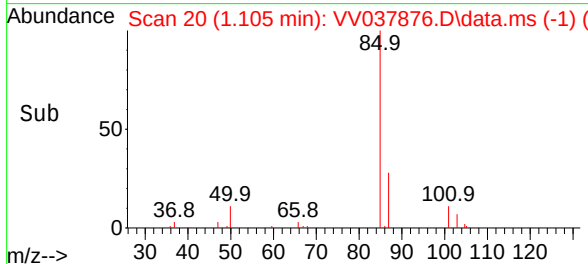
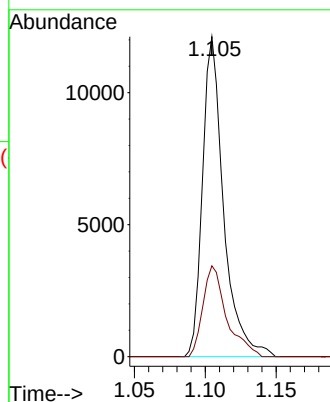
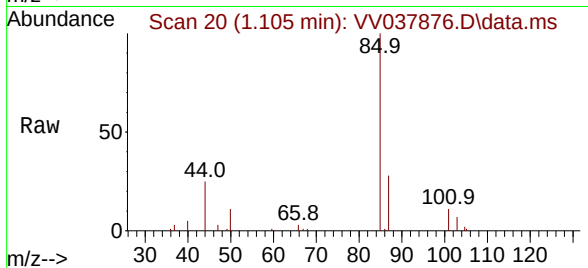
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 0.435 ug/L
RT: 1.105 min Scan# 20
Delta R.T. -0.003 min
Lab File: VV037876.D
Acq: 16 Oct 2024 14:03

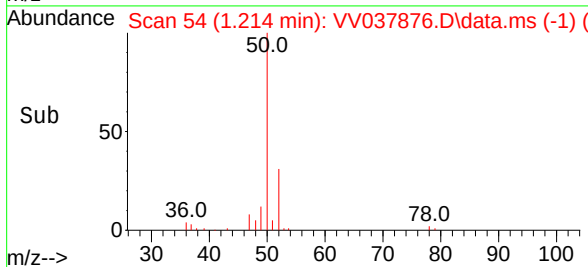
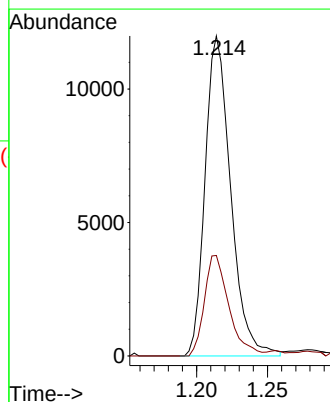
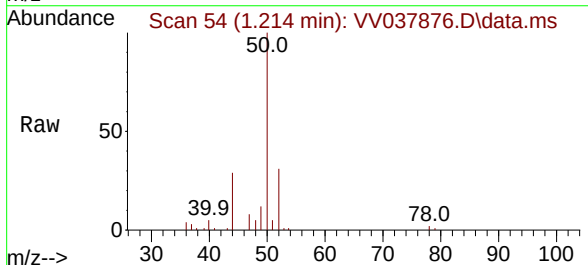
Instrument :
MSVOA_V
ClientSampleId :

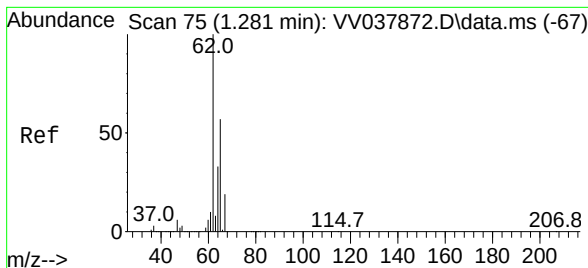
Tgt Ion: 85 Resp: 12525
Ion Ratio Lower Upper
85 100
87 31.9 25.8 38.6



#3
Chloromethane
Concen: 0.460 ug/L
RT: 1.214 min Scan# 54
Delta R.T. -0.003 min
Lab File: VV037876.D
Acq: 16 Oct 2024 14:03

Tgt Ion: 50 Resp: 15063
Ion Ratio Lower Upper
50 100
52 31.4 22.7 42.3

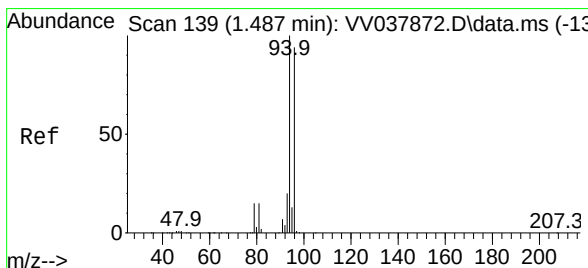
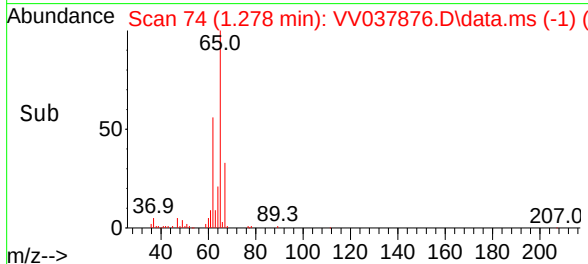
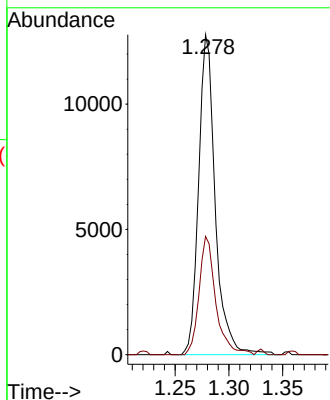
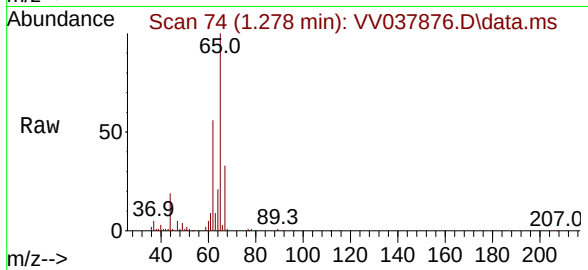




#5
 Vinyl chloride
 Concen: 0.425 ug/L
 RT: 1.278 min Scan# 74
 Delta R.T. -0.003 min
 Lab File: VV037876.D
 Acq: 16 Oct 2024 14:03

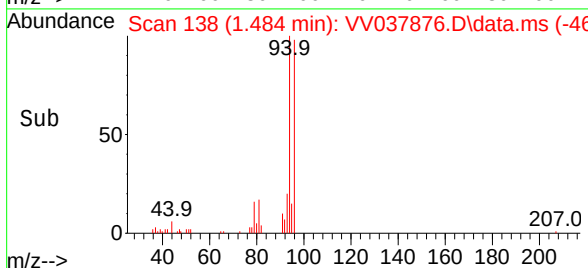
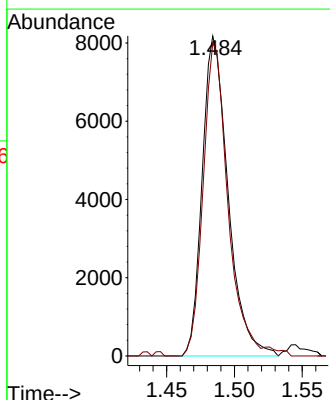
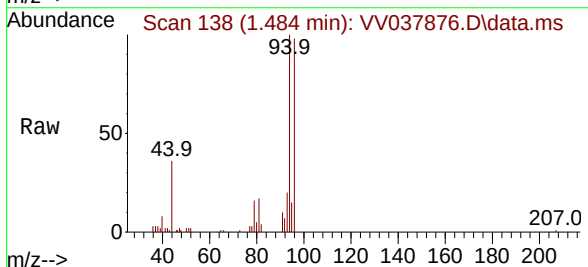
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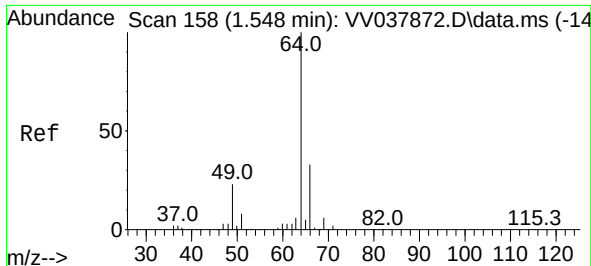
Tgt Ion: 62 Resp: 13736
 Ion Ratio Lower Upper
 62 100
 64 36.9 23.4 43.6



#6
 Bromomethane
 Concen: 0.577 ug/L
 RT: 1.484 min Scan# 138
 Delta R.T. -0.003 min
 Lab File: VV037876.D
 Acq: 16 Oct 2024 14:03

Tgt Ion: 94 Resp: 10857
 Ion Ratio Lower Upper
 94 100
 96 97.8 66.1 122.7

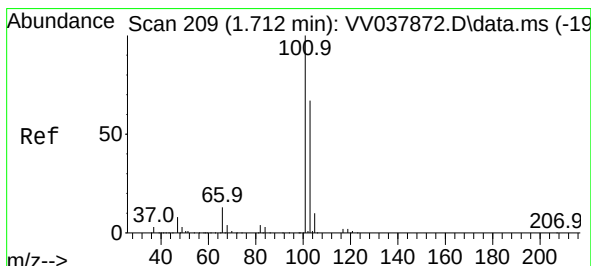
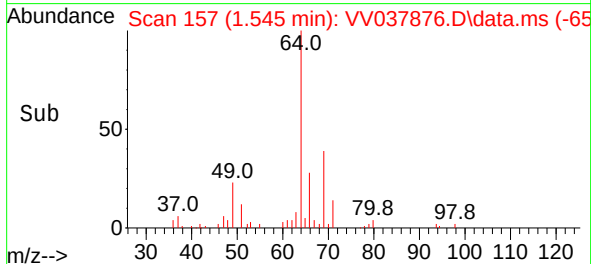
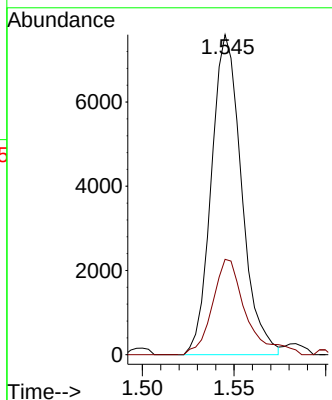
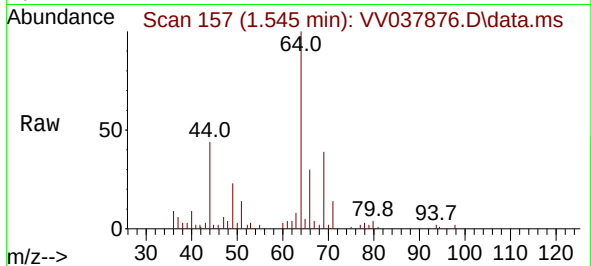




#8
Chloroethane
Concen: 0.438 ug/L
RT: 1.545 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV037876.D
Acq: 16 Oct 2024 14:03

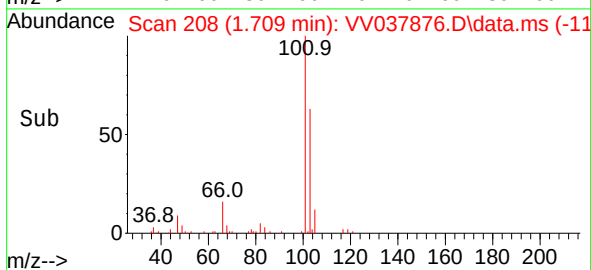
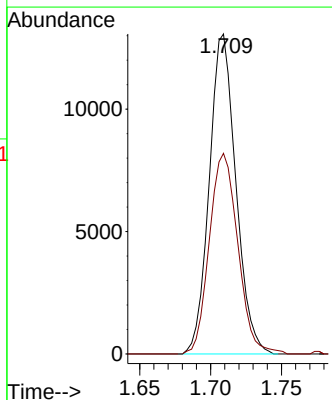
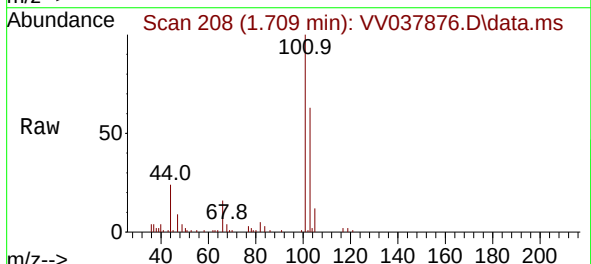
Instrument :
MSVOA_V
ClientSampleId :

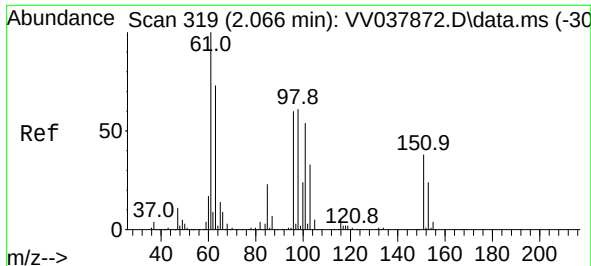
Tgt Ion: 64 Resp: 8694
Ion Ratio Lower Upper
64 100
66 29.8 23.5 43.7



#9
Trichlorofluoromethane
Concen: 0.436 ug/L
RT: 1.709 min Scan# 208
Delta R.T. -0.003 min
Lab File: VV037876.D
Acq: 16 Oct 2024 14:03

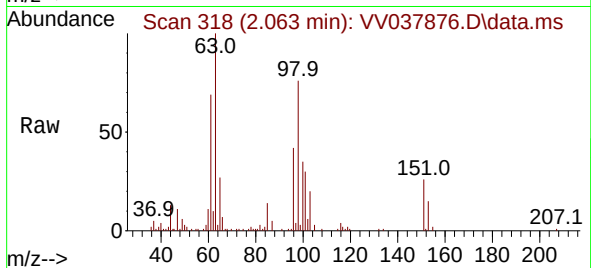
Tgt Ion:101 Resp: 17075
Ion Ratio Lower Upper
101 100
103 67.2 52.2 78.2



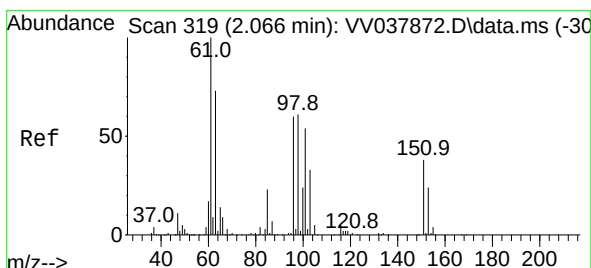
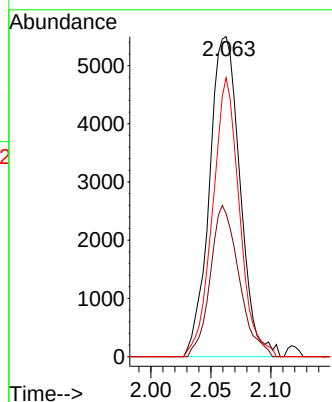
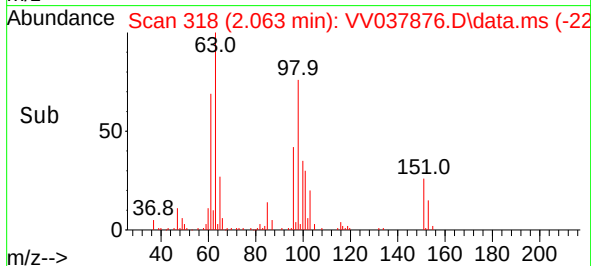


#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.411 ug/L
 RT: 2.063 min Scan# 318
 Delta R.T. -0.003 min
 Lab File: VV037876.D
 Acq: 16 Oct 2024 14:03

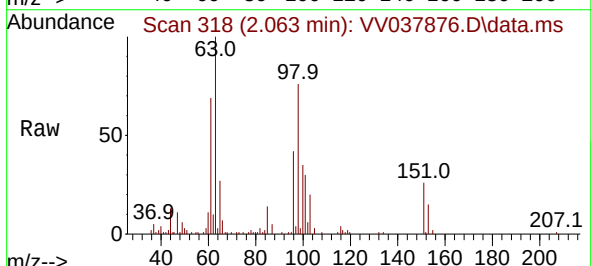
Instrument :
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 ClientSampleId :



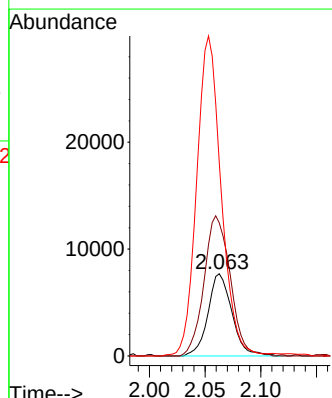
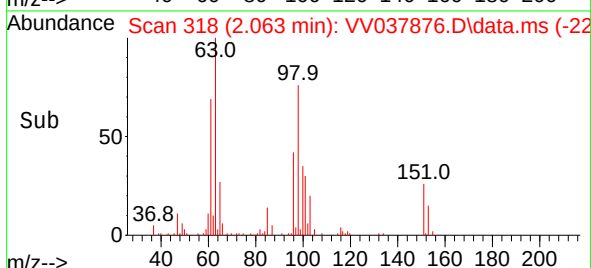
Tgt Ion:101 Resp: 9773
 Ion Ratio Lower Upper
 101 100
 85 44.2 33.6 50.4
 151 76.4 57.3 85.9

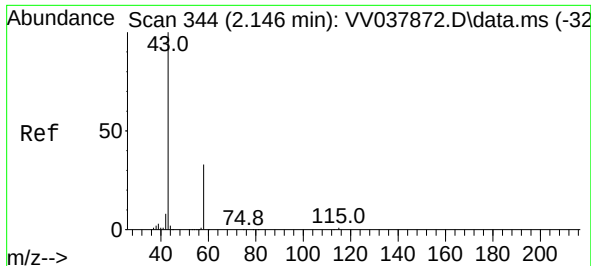


#12
 1,1-Dichloroethene
 Concen: 0.502 ug/L
 RT: 2.063 min Scan# 318
 Delta R.T. -0.003 min
 Lab File: VV037876.D
 Acq: 16 Oct 2024 14:03



Tgt Ion: 96 Resp: 11512
 Ion Ratio Lower Upper
 96 100
 61 161.6 116.3 215.9
 63 235.4 84.9 157.7#





#13

Acetone

Concen: 4.644 ug/L

RT: 2.162 min Scan# 344

Delta R.T. 0.016 min

Lab File: VV037876.D

Acq: 16 Oct 2024 14:03

Instrument :

MSVOA_V

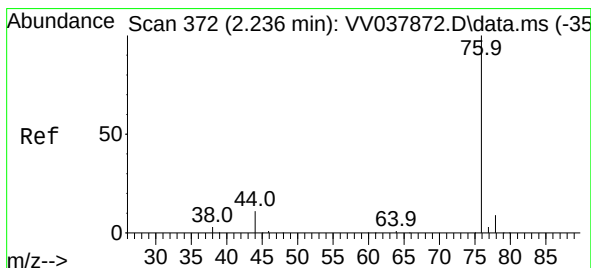
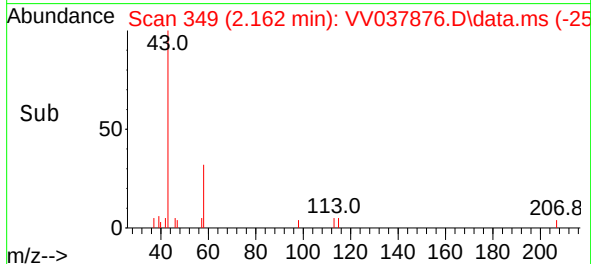
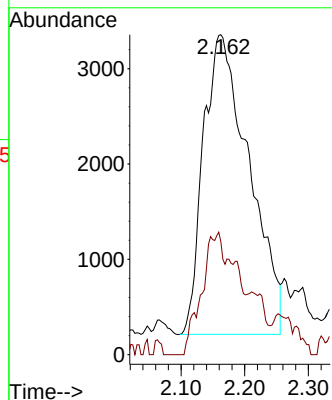
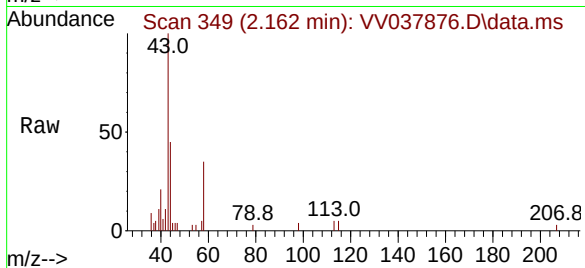
ClientSampleId :

Tgt Ion: 43 Resp: 15686

Ion Ratio Lower Upper

43 100

58 19.4 0.0 70.6



#14

Carbon disulfide

Concen: 0.489 ug/L

RT: 2.233 min Scan# 371

Delta R.T. -0.003 min

Lab File: VV037876.D

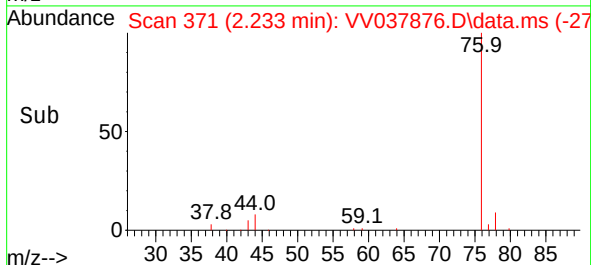
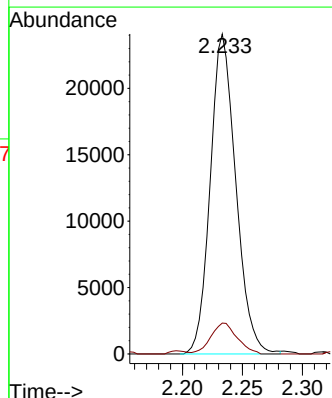
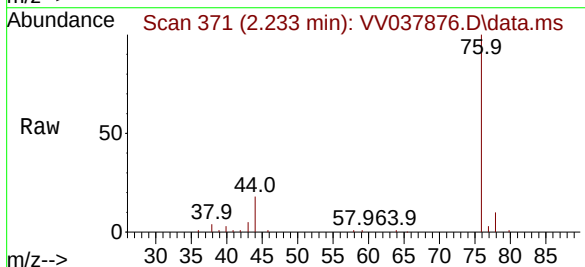
Acq: 16 Oct 2024 14:03

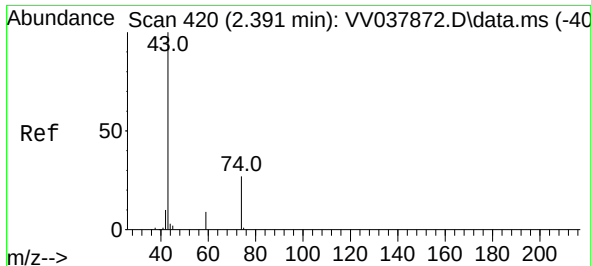
Tgt Ion: 76 Resp: 35714

Ion Ratio Lower Upper

76 100

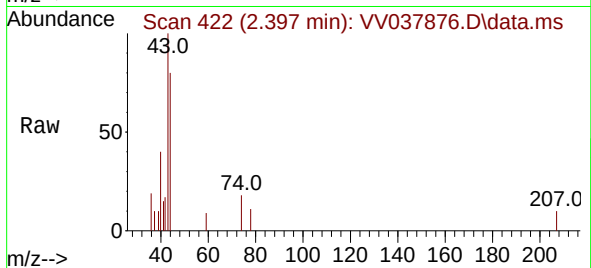
78 9.6 7.5 11.3



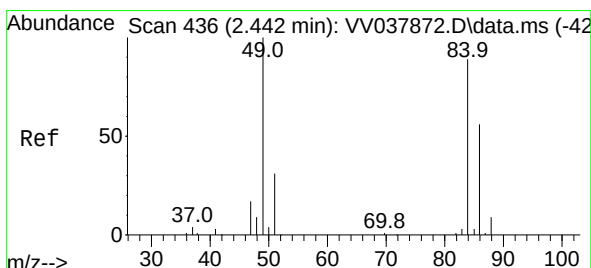
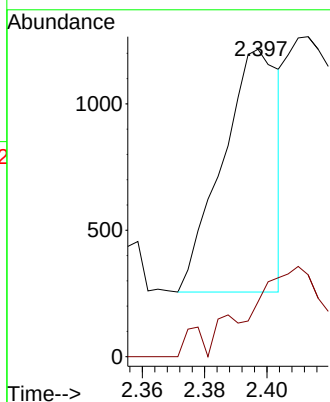
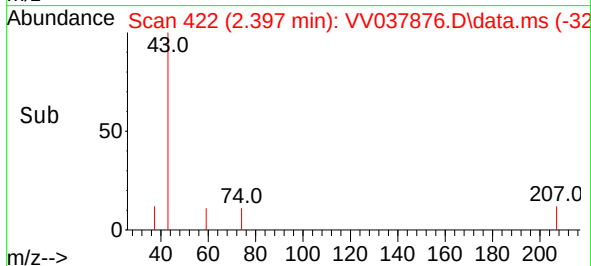


#15
Methyl Acetate
Concen: 0.136 ug/L
RT: 2.397 min Scan# 41
Delta R.T. 0.006 min
Lab File: VV037876.D
Acq: 16 Oct 2024 14:03

Instrument :
MSVOA_V
ClientSampleId :

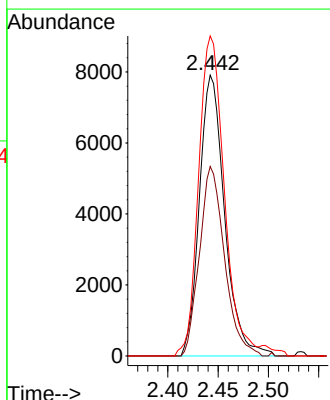
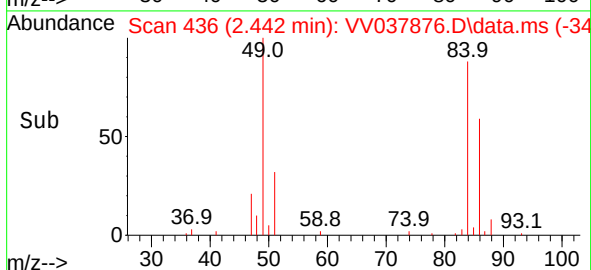
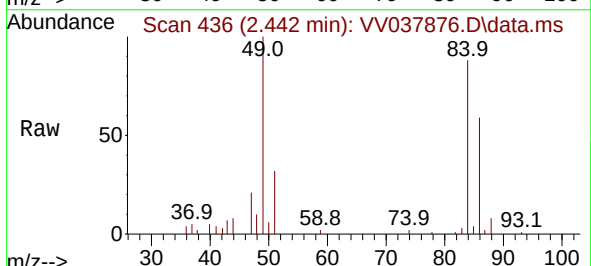


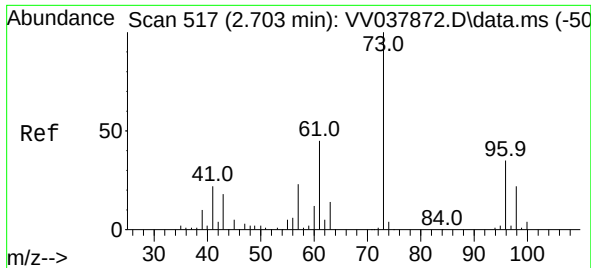
Tgt Ion: 43 Resp: 1193
Ion Ratio Lower Upper
43 100
74 7.2 20.4 30.6#



#16
Methylene chloride
Concen: 0.480 ug/L
RT: 2.442 min Scan# 436
Delta R.T. 0.000 min
Lab File: VV037876.D
Acq: 16 Oct 2024 14:03

Tgt Ion: 84 Resp: 13809
Ion Ratio Lower Upper
84 100
86 67.5 44.0 81.6
49 113.9 78.8 146.4





#17

Methyl tert-butyl Ether

Concen: 0.481 ug/L

RT: 2.703 min Scan# 517

Delta R.T. 0.000 min

Lab File: VV037876.D

Acq: 16 Oct 2024 14:03

Instrument :

MSVOA_V

ClientSampleId :

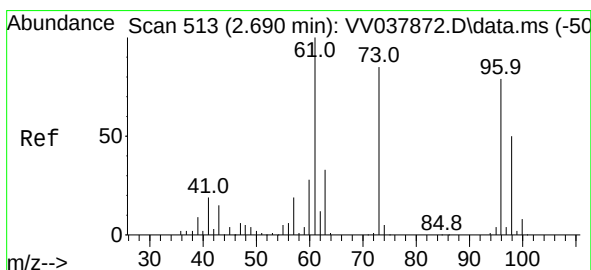
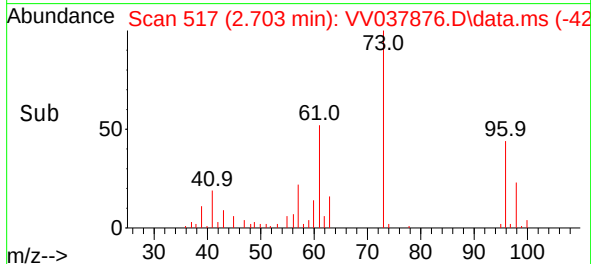
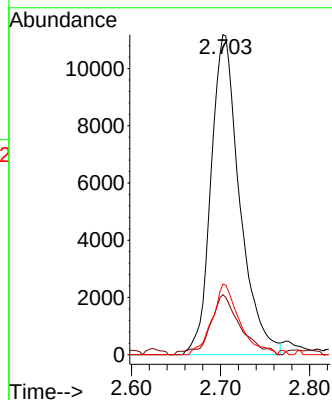
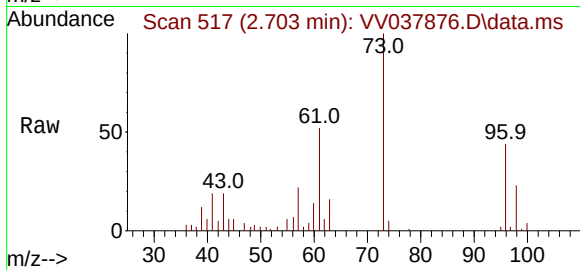
Tgt Ion: 73 Resp: 25030

Ion Ratio Lower Upper

73 100

43 19.5 14.2 21.2

57 21.0 17.9 26.9



#18

trans-1,2-Dichloroethene

Concen: 0.510 ug/L

RT: 2.693 min Scan# 514

Delta R.T. 0.003 min

Lab File: VV037876.D

Acq: 16 Oct 2024 14:03

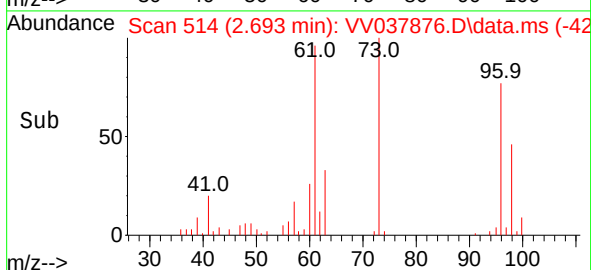
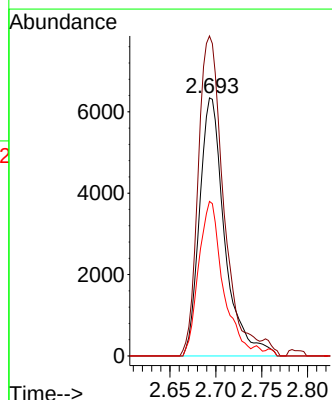
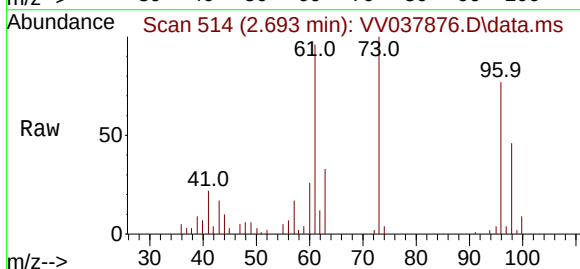
Tgt Ion: 96 Resp: 12095

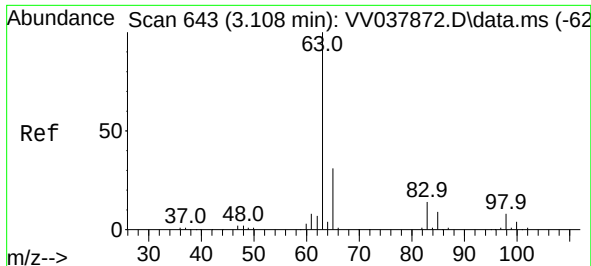
Ion Ratio Lower Upper

96 100

61 124.0 88.4 164.2

98 59.9 44.6 82.8

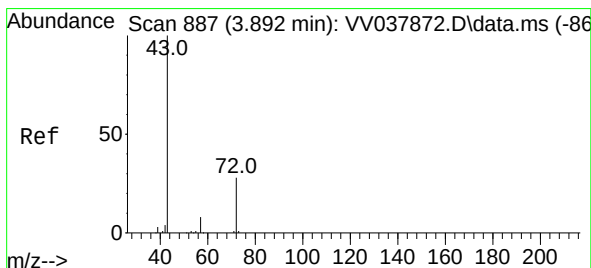
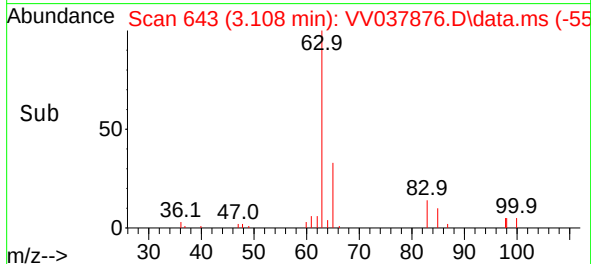
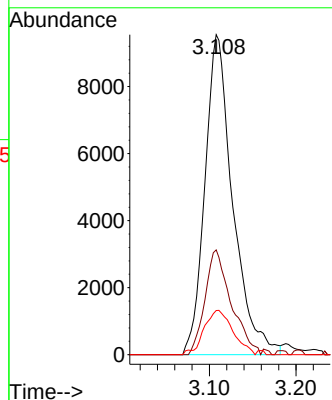
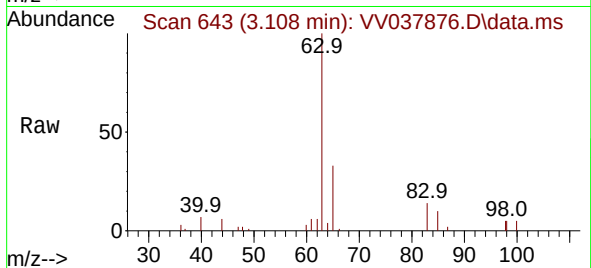




#19
1,1-Dichloroethane
Concen: 0.458 ug/L
RT: 3.108 min Scan# 643
Delta R.T. 0.000 min
Lab File: VV037876.D
Acq: 16 Oct 2024 14:03

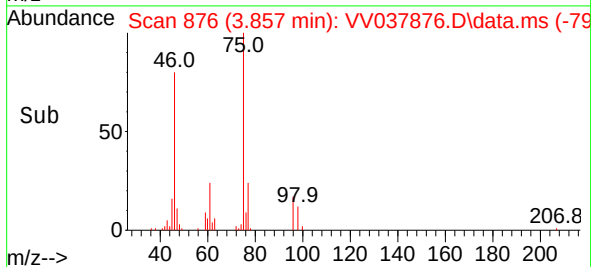
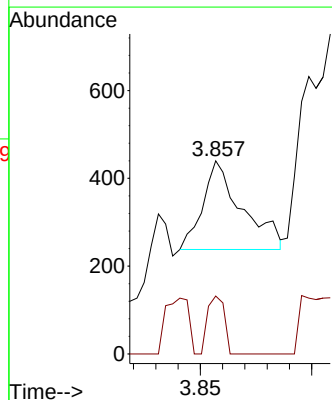
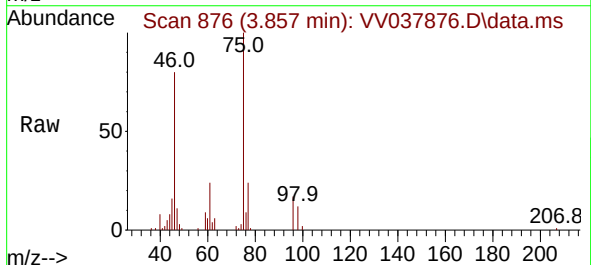
Instrument :
MSVOA_V
ClientSampleId :

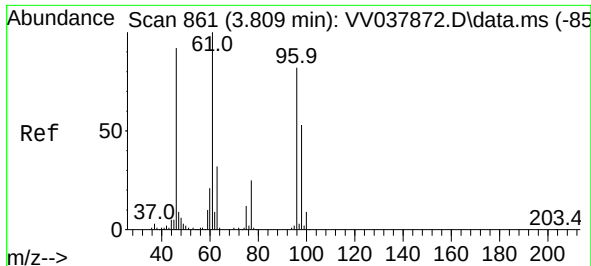
Tgt Ion:	63	Resp:	21325
Ion	Ratio	Lower	Upper
63	100		
65	32.7	21.8	40.4
83	13.8	9.9	18.3



#21
2-Butanone
Concen: 0.046 ug/L
RT: 3.857 min Scan# 876
Delta R.T. -0.035 min
Lab File: VV037876.D
Acq: 16 Oct 2024 14:03

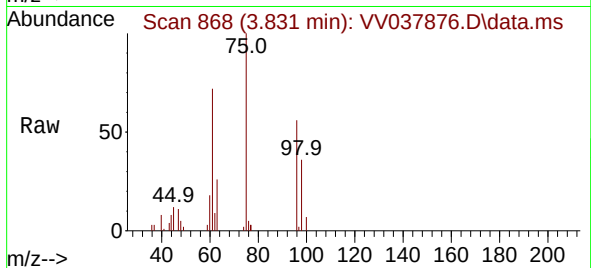
Tgt Ion:	43	Resp:	246
Ion	Ratio	Lower	Upper
43	100		
72	28.0	13.0	38.9





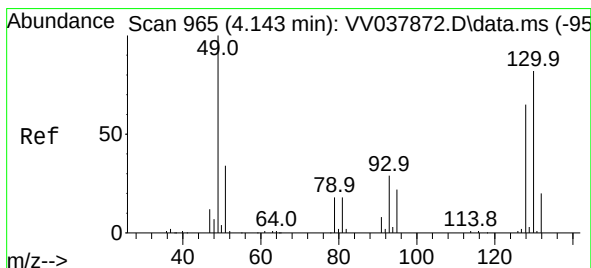
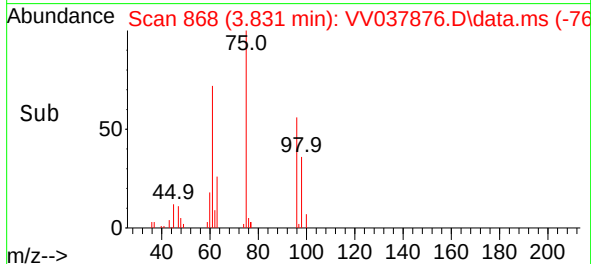
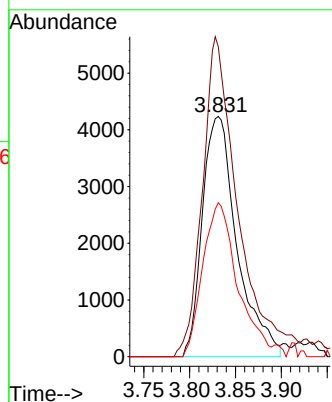
#22
cis-1,2-Dichloroethene
Concen: 0.455 ug/L
RT: 3.831 min Scan# 861
Delta R.T. 0.022 min
Lab File: VV037876.D
Acq: 16 Oct 2024 14:03

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 96 Resp: 11142

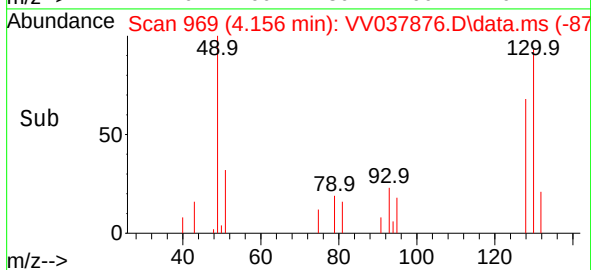
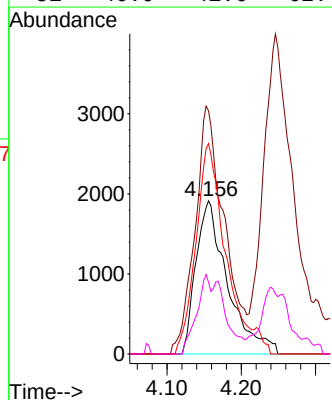
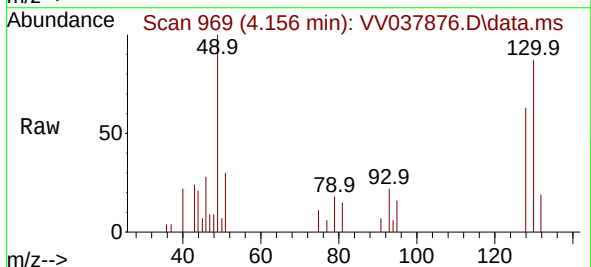
Ion	Ratio	Lower	Upper
96	100		
61	129.1	85.5	158.9
98	64.1	45.5	84.5

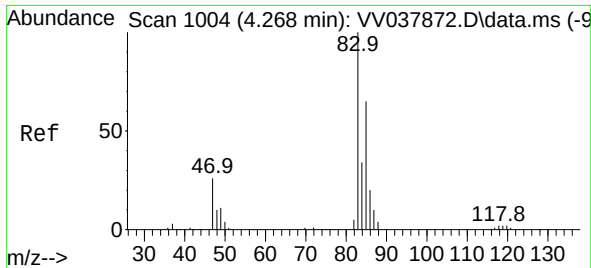


#23
Bromochloromethane
Concen: 0.508 ug/L
RT: 4.156 min Scan# 969
Delta R.T. 0.013 min
Lab File: VV037876.D
Acq: 16 Oct 2024 14:03

Tgt Ion:128 Resp: 5647

Ion	Ratio	Lower	Upper
128	100		
49	158.8	107.0	198.6
130	137.4	88.0	163.4
51	46.9	41.6	62.4





#25

Chloroform

Concen: 0.503 ug/L

RT: 4.275 min Scan# 1

Delta R.T. 0.006 min

Lab File: VV037876.D

Acq: 16 Oct 2024 14:03

Instrument :

MSVOA_V

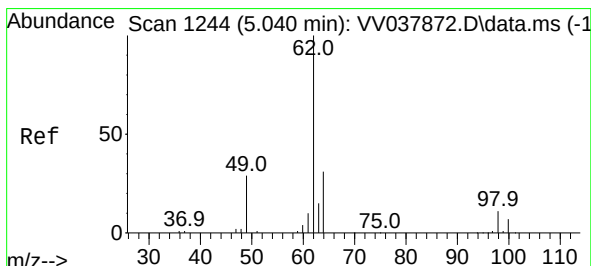
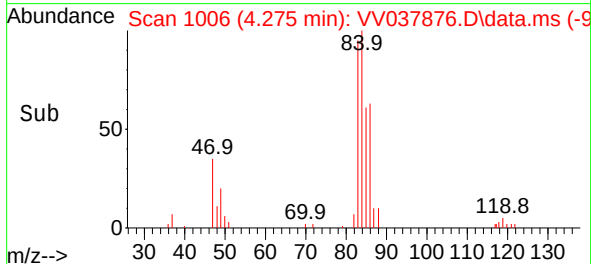
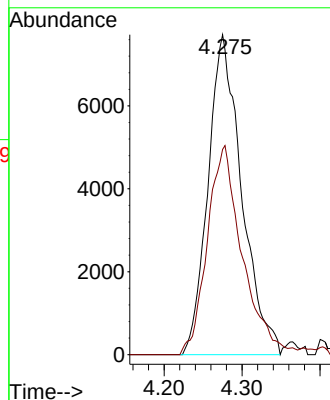
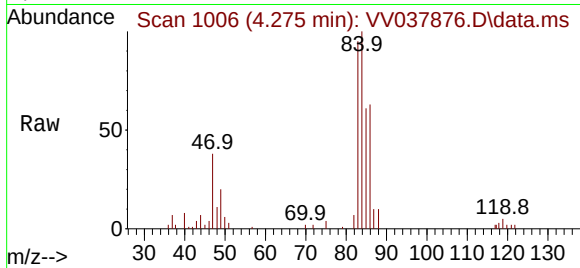
ClientSampleId :

Tgt Ion: 83 Resp: 23120

Ion Ratio Lower Upper

83 100

85 64.1 45.3 84.1



#27

1,2-Dichloroethane

Concen: 0.371 ug/L

RT: 5.066 min Scan# 1252

Delta R.T. 0.026 min

Lab File: VV037876.D

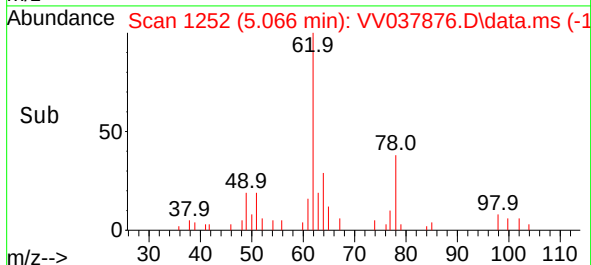
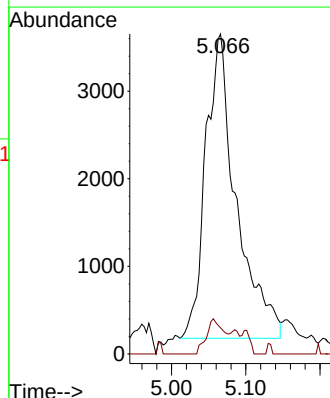
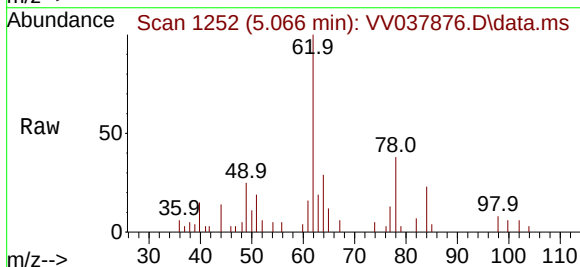
Acq: 16 Oct 2024 14:03

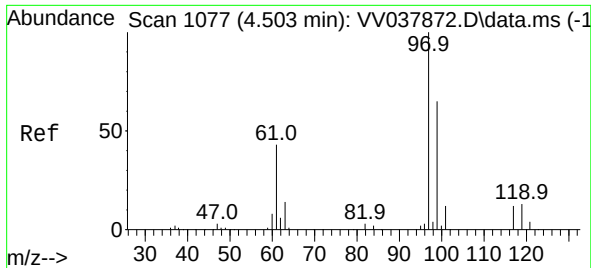
Tgt Ion: 62 Resp: 9952

Ion Ratio Lower Upper

62 100

98 8.2 8.8 13.2#

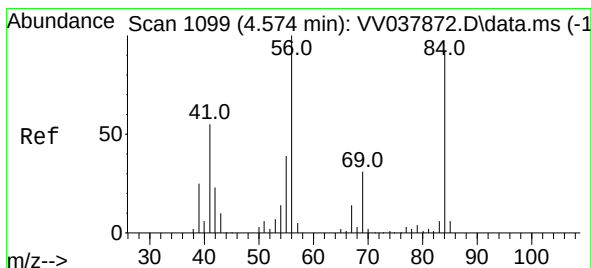
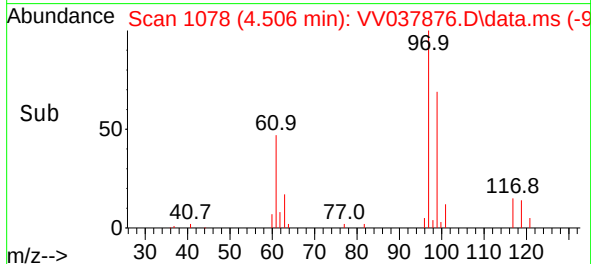
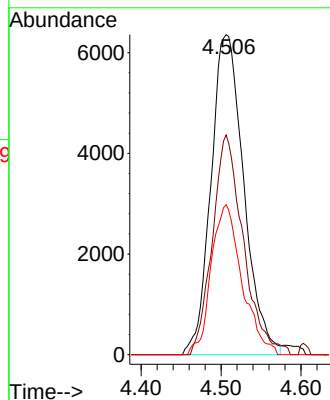
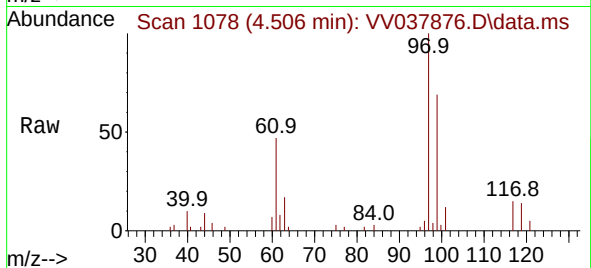




#29
1,1,1-Trichloroethane
Concen: 0.463 ug/L
RT: 4.506 min Scan# 1077
Delta R.T. 0.003 min
Lab File: VV037876.D
Acq: 16 Oct 2024 14:03

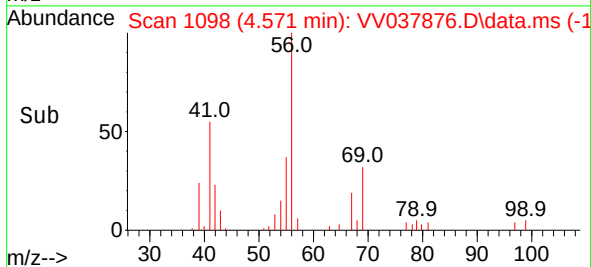
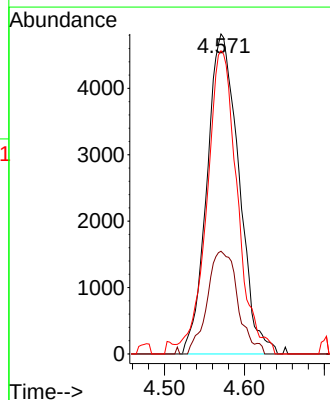
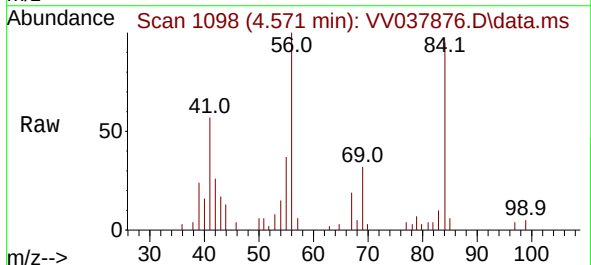
Instrument :
MSVOA_V
ClientSampleId :

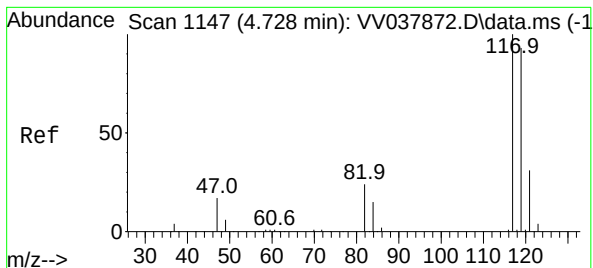
Tgt Ion: 97 Resp: 18129
Ion Ratio Lower Upper
97 100
99 64.7 51.9 77.9
61 44.0 33.9 50.9



#30
Cyclohexane
Concen: 0.366 ug/L
RT: 4.571 min Scan# 1098
Delta R.T. -0.003 min
Lab File: VV037876.D
Acq: 16 Oct 2024 14:03

Tgt Ion: 56 Resp: 13349
Ion Ratio Lower Upper
56 100
69 30.6 25.3 37.9
84 90.2 73.9 110.9





#31

Carbon tetrachloride

Concen: 0.423 ug/L

RT: 4.731 min Scan# 1148

Delta R.T. 0.003 min

Lab File: VV037876.D

Acq: 16 Oct 2024 14:03

Instrument :

MSVOA_V

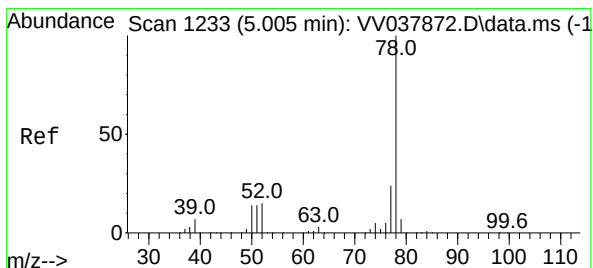
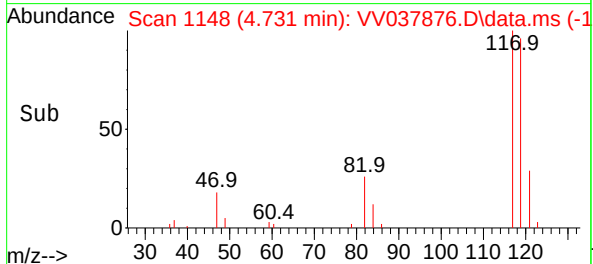
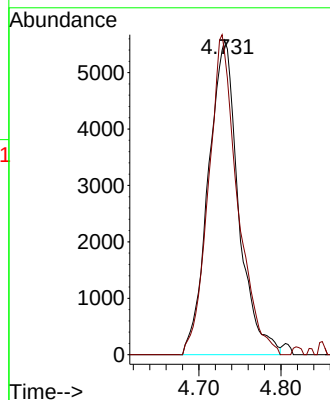
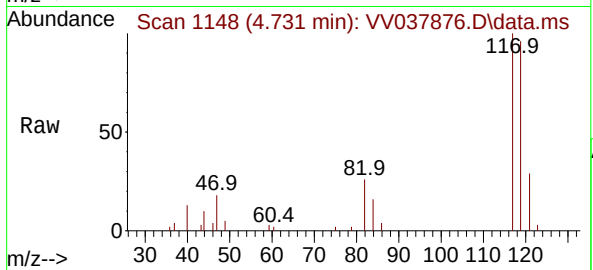
ClientSampleId :

Tgt Ion:117 Resp: 14272

Ion Ratio Lower Upper

117 100

119 97.8 77.4 116.0



#33

Benzene

Concen: 0.419 ug/L

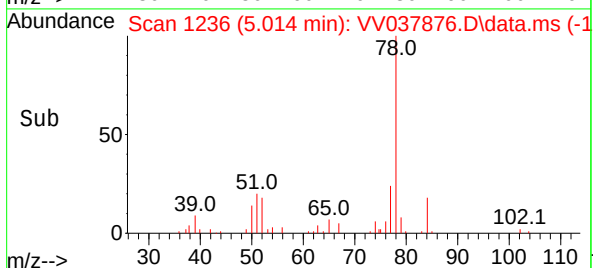
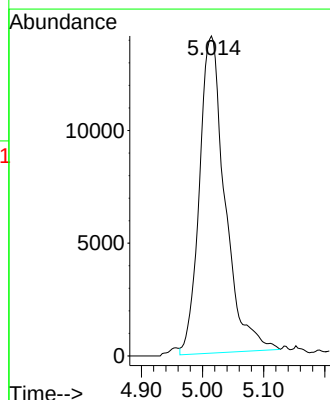
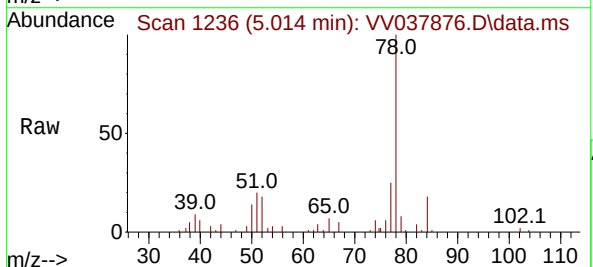
RT: 5.014 min Scan# 1236

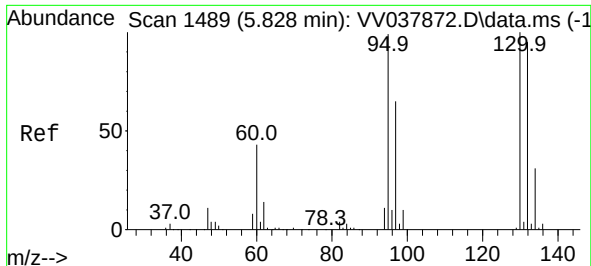
Delta R.T. 0.010 min

Lab File: VV037876.D

Acq: 16 Oct 2024 14:03

Tgt Ion: 78 Resp: 40962





#34

Trichloroethene

Concen: 0.457 ug/L

RT: 5.844 min Scan# 1489

Delta R.T. 0.016 min

Lab File: VV037876.D

Acq: 16 Oct 2024 14:03

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 11754

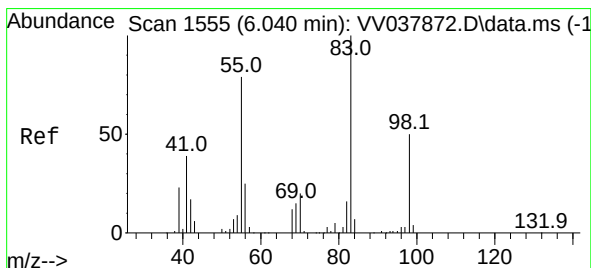
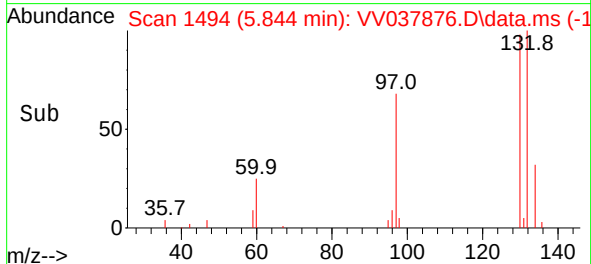
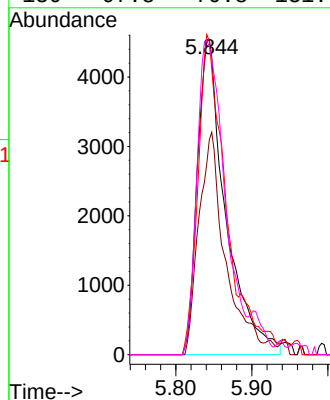
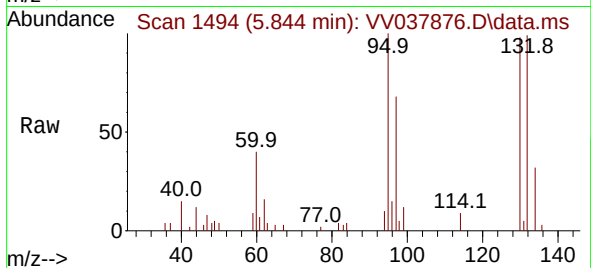
Ion Ratio Lower Upper

95 100

97 68.1 46.1 85.5

132 99.5 67.3 124.9

130 97.8 70.8 131.6



#35

Methylcyclohexane

Concen: 0.357 ug/L

RT: 6.043 min Scan# 1556

Delta R.T. 0.003 min

Lab File: VV037876.D

Acq: 16 Oct 2024 14:03

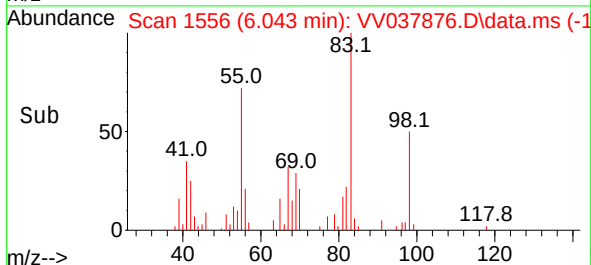
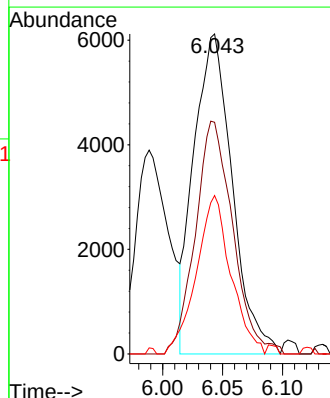
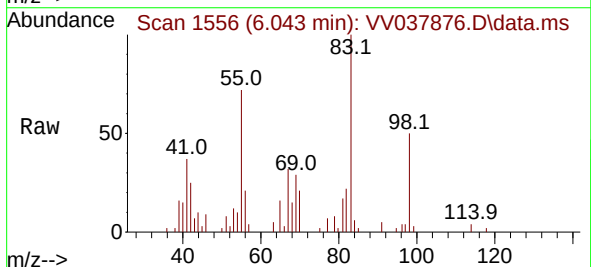
Tgt Ion: 83 Resp: 13613

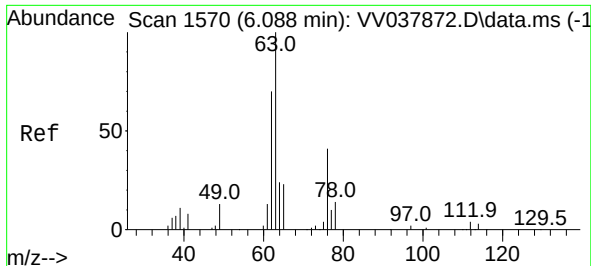
Ion Ratio Lower Upper

83 100

55 70.9 59.7 89.5

98 44.4 37.8 56.6





#37

1,2-Dichloropropane

Concen: 0.372 ug/L

RT: 6.098 min Scan# 1570

Delta R.T. 0.010 min

Lab File: VV037876.D

Acq: 16 Oct 2024 14:03

Instrument :

MSVOA_V

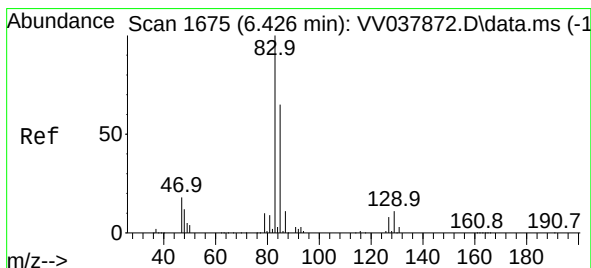
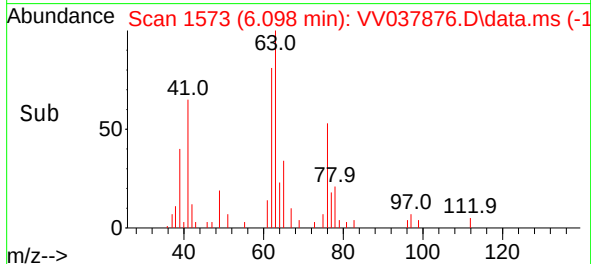
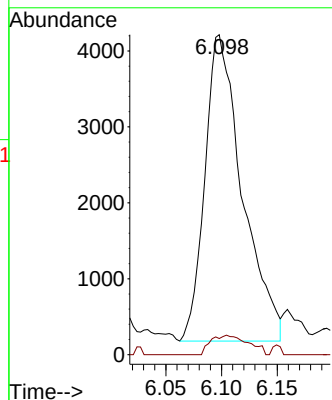
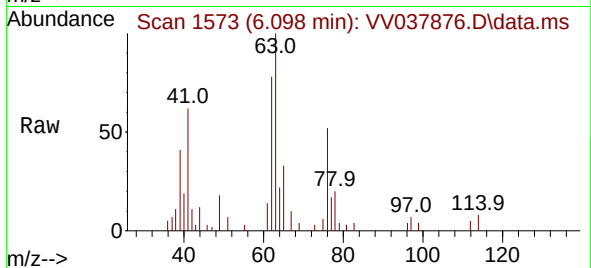
ClientSampleId :

Tgt Ion: 63 Resp: 9428

Ion Ratio Lower Upper

63 100

112 6.4 3.9 5.9#



#38

Bromodichloromethane

Concen: 0.448 ug/L

RT: 6.436 min Scan# 1678

Delta R.T. 0.010 min

Lab File: VV037876.D

Acq: 16 Oct 2024 14:03

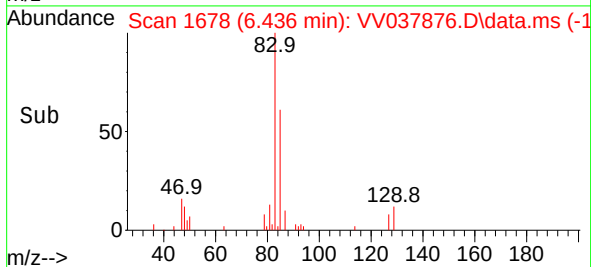
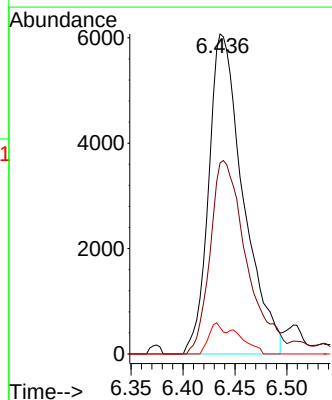
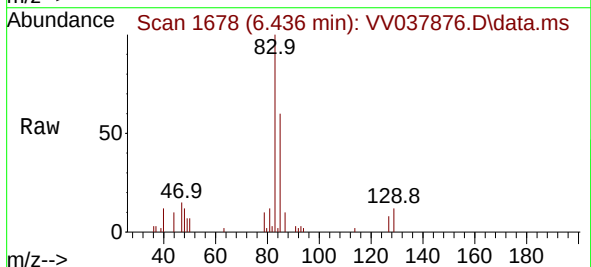
Tgt Ion: 83 Resp: 14041

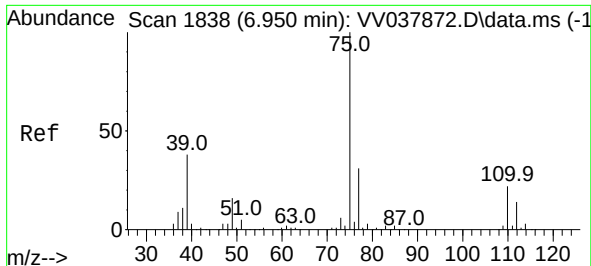
Ion Ratio Lower Upper

83 100

85 59.7 45.3 84.1

127 8.3 6.6 10.0

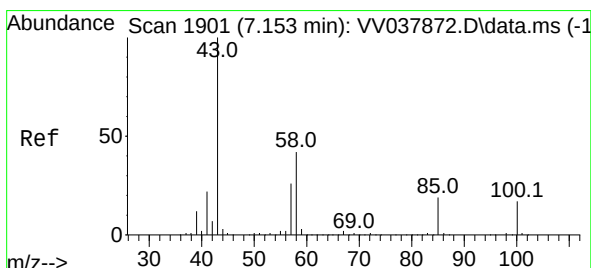
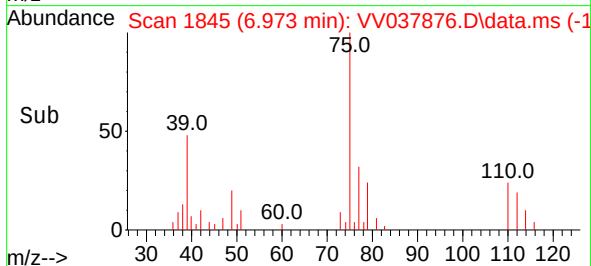
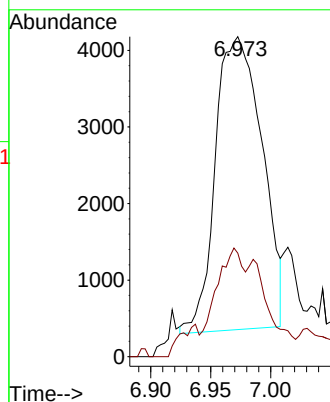
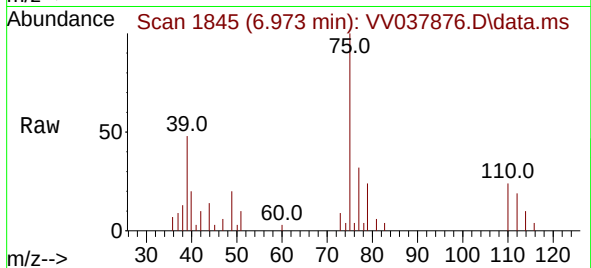




#39
 cis-1,3-Dichloropropene
 Concen: 0.302 ug/L
 RT: 6.973 min Scan# 11
 Delta R.T. 0.023 min
 Lab File: VV037876.D
 Acq: 16 Oct 2024 14:03

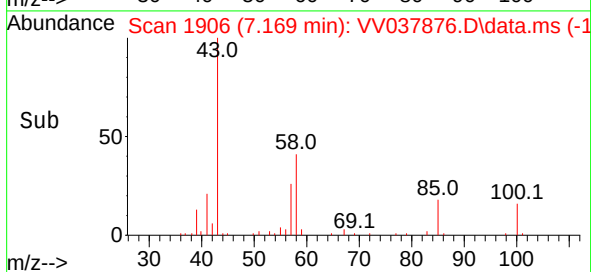
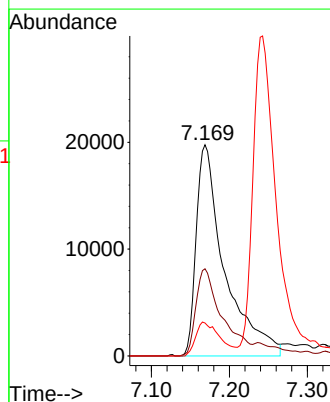
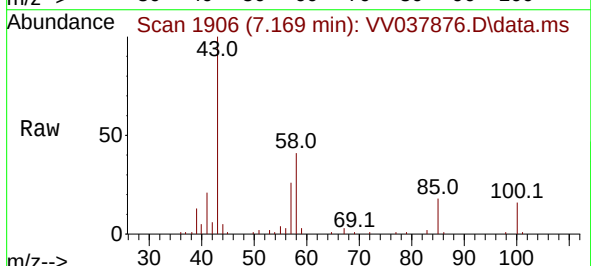
Instrument :
 MSVOA_V
 ClientSampleId :

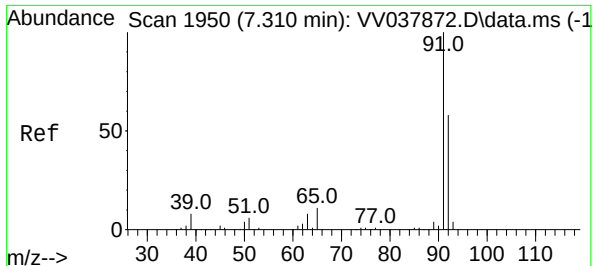
Tgt Ion: 75 Resp: 10330
 Ion Ratio Lower Upper
 75 100
 77 32.4 21.8 40.6



#40
 4-Methyl-2-pentanone
 Concen: 3.727 ug/L
 RT: 7.169 min Scan# 1906
 Delta R.T. 0.016 min
 Lab File: VV037876.D
 Acq: 16 Oct 2024 14:03

Tgt Ion: 43 Resp: 49982
 Ion Ratio Lower Upper
 43 100
 58 38.1 34.3 51.5
 100 14.0 13.3 19.9





#42

Toluene

Concen: 0.422 ug/L

RT: 7.317 min Scan# 1950

Delta R.T. 0.006 min

Lab File: VV037876.D

Acq: 16 Oct 2024 14:03

Instrument :

MSVOA_V

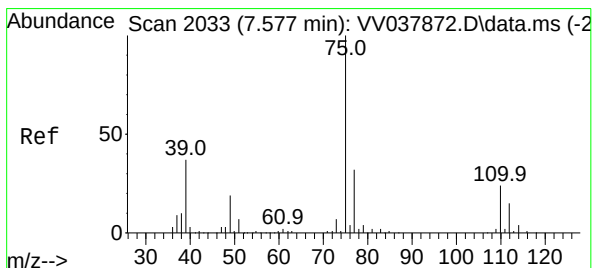
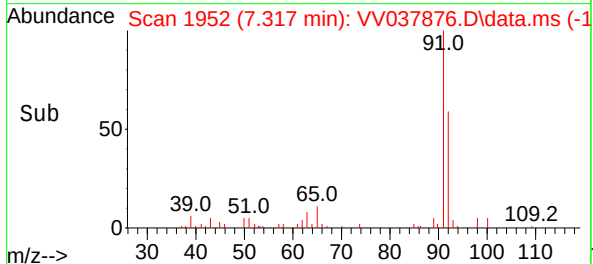
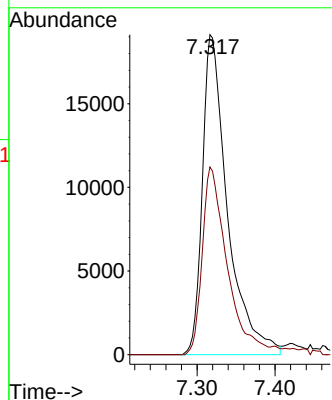
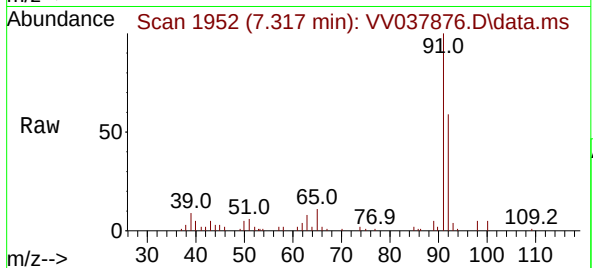
ClientSampleId :

Tgt Ion: 91 Resp: 42741

Ion Ratio Lower Upper

91 100

92 58.6 40.3 74.9



#44

trans-1,3-Dichloropropene

Concen: 0.420 ug/L

RT: 7.603 min Scan# 2041

Delta R.T. 0.026 min

Lab File: VV037876.D

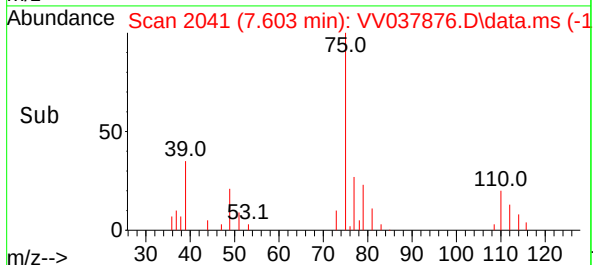
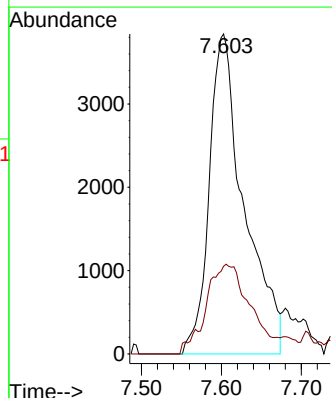
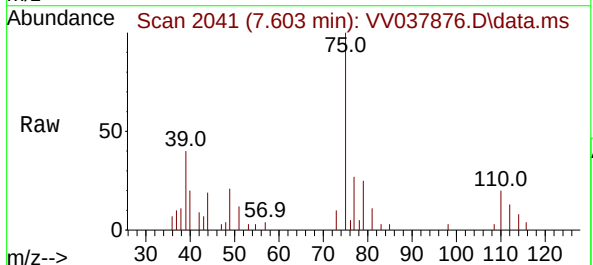
Acq: 16 Oct 2024 14:03

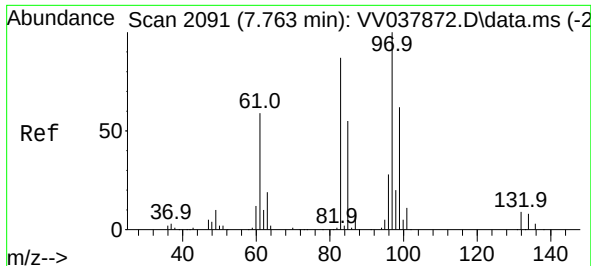
Tgt Ion: 75 Resp: 11680

Ion Ratio Lower Upper

75 100

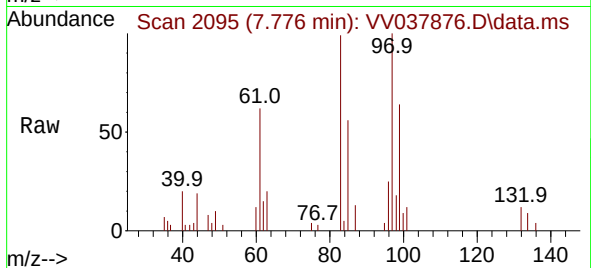
77 27.4 22.4 41.6



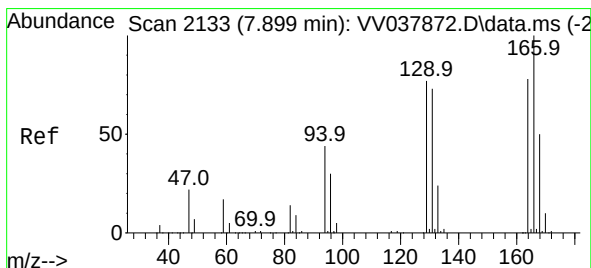
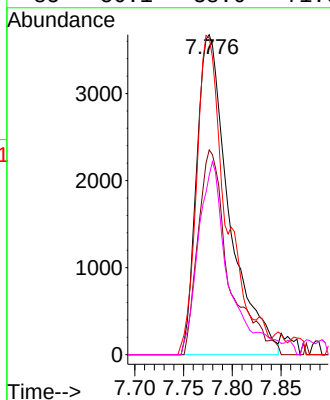
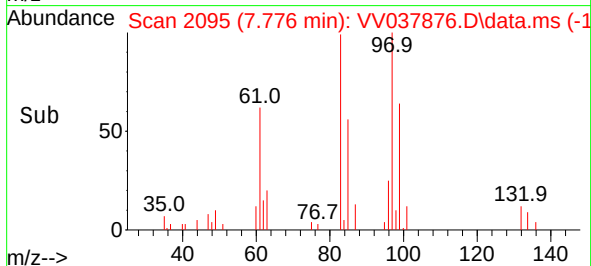


#45
1,1,2-Trichloroethane
Concen: 0.472 ug/L
RT: 7.776 min Scan# 2091
Delta R.T. 0.013 min
Lab File: VV037876.D
Acq: 16 Oct 2024 14:03

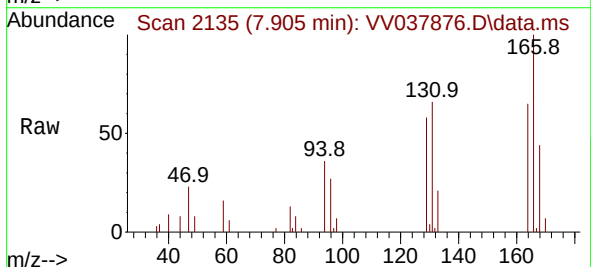
Instrument :
MSVOA_V
ClientSampleId :



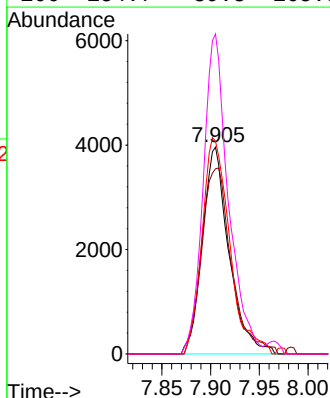
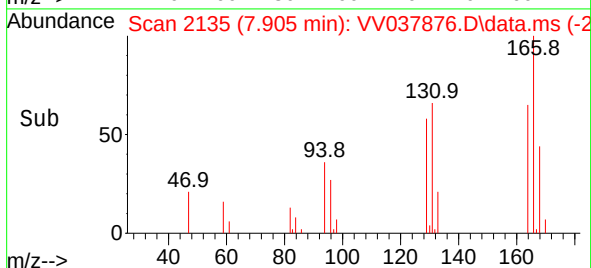
Tgt Ion:	97	Resp:	8483
Ion	Ratio	Lower	Upper
97	100		
99	64.0	43.5	80.7
83	99.0	61.0	113.2
85	56.1	38.6	71.6

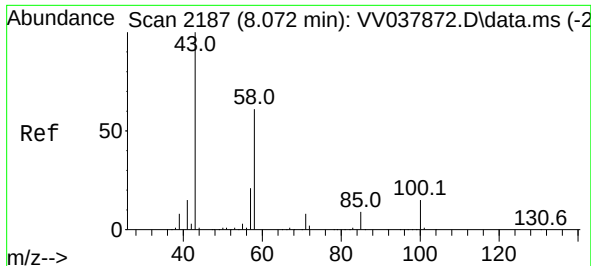


#47
Tetrachloroethene
Concen: 0.370 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. 0.006 min
Lab File: VV037876.D
Acq: 16 Oct 2024 14:03



Tgt Ion:	164	Resp:	7539
Ion	Ratio	Lower	Upper
164	100		
129	89.4	68.7	127.7
131	102.8	65.0	120.8
166	154.7	89.3	165.9

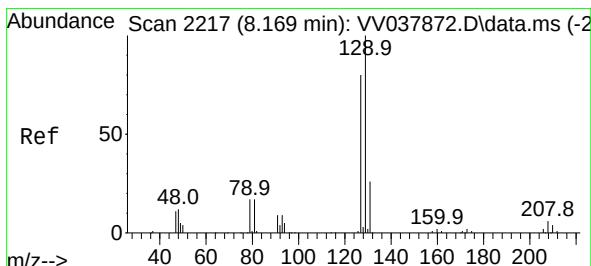
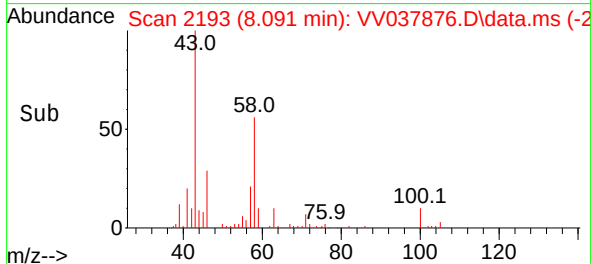
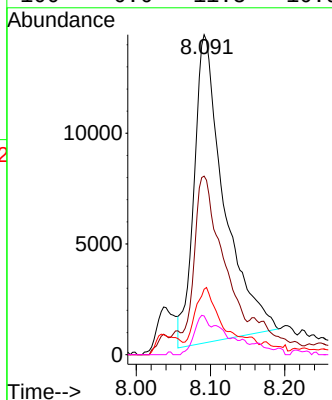
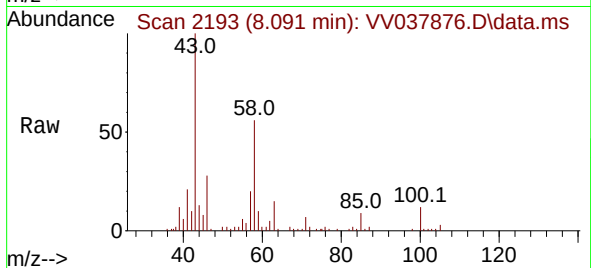




#48
2-Hexanone
Concen: 3.972 ug/L
RT: 8.091 min Scan# 2187
Delta R.T. 0.019 min
Lab File: VV037876.D
Acq: 16 Oct 2024 14:03

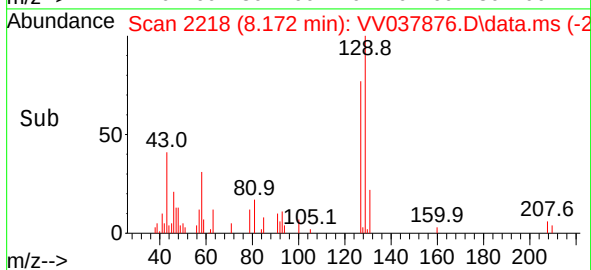
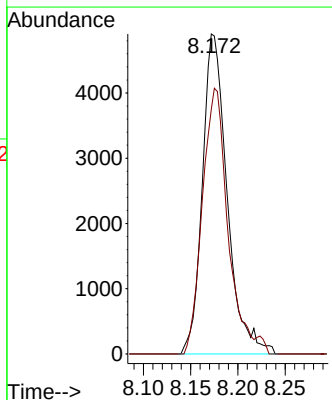
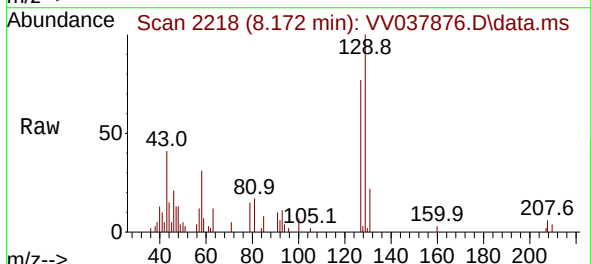
Instrument :
MSVOA_V
ClientSampleId :

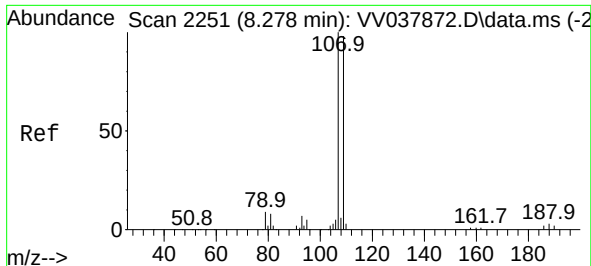
Tgt	Ion: 43	Resp:	39262
Ion	Ratio	Lower	Upper
43	100		
58	47.3	47.8	71.6#
57	20.6	15.4	23.0
100	6.6	11.3	16.9#



#49
Dibromochloromethane
Concen: 0.470 ug/L
RT: 8.172 min Scan# 2218
Delta R.T. 0.003 min
Lab File: VV037876.D
Acq: 16 Oct 2024 14:03

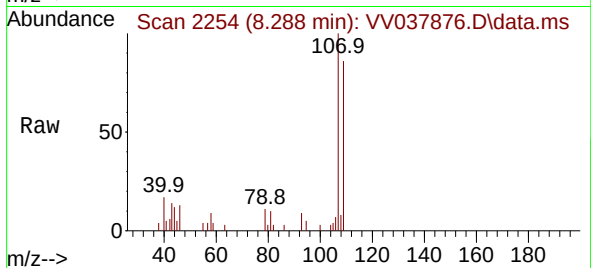
Tgt Ion:129	Resp:	8926	
Ion	Ratio	Lower	Upper
129	100		
127	76.5	55.8	103.6



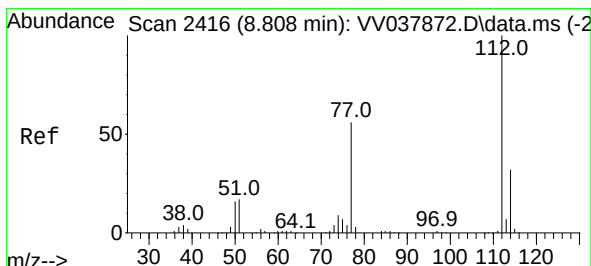
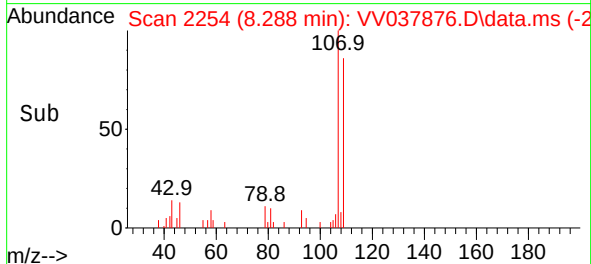
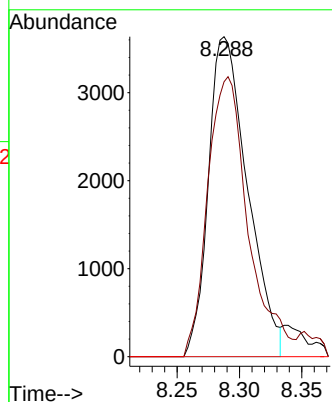


#50
1,2-Dibromoethane
Concen: 0.467 ug/L
RT: 8.288 min Scan# 21
Delta R.T. 0.010 min
Lab File: VV037876.D
Acq: 16 Oct 2024 14:03

Instrument :
MSVOA_V
ClientSampleId :

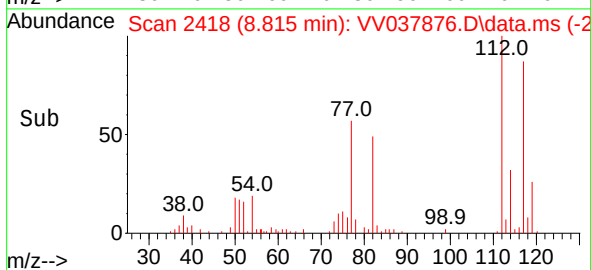
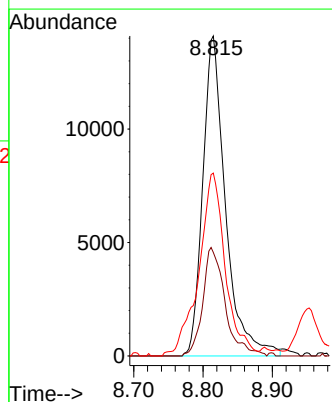
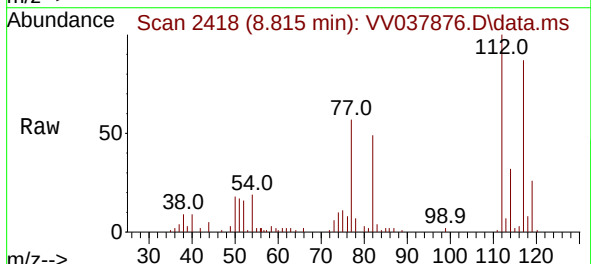


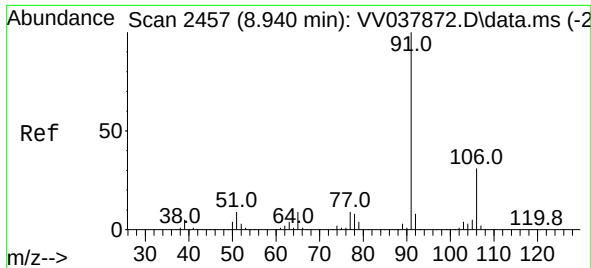
Tgt Ion:107 Resp: 7944
Ion Ratio Lower Upper
107 100
109 85.9 68.3 126.9
188 0.0 2.7 4.1#



#51
Chlorobenzene
Concen: 0.482 ug/L
RT: 8.815 min Scan# 2418
Delta R.T. 0.006 min
Lab File: VV037876.D
Acq: 16 Oct 2024 14:03

Tgt Ion:112 Resp: 32106
Ion Ratio Lower Upper
112 100
114 32.3 22.0 41.0
77 57.2 45.3 67.9

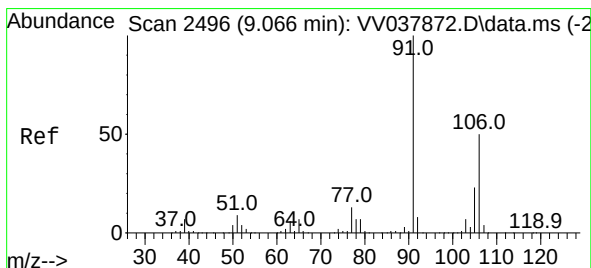
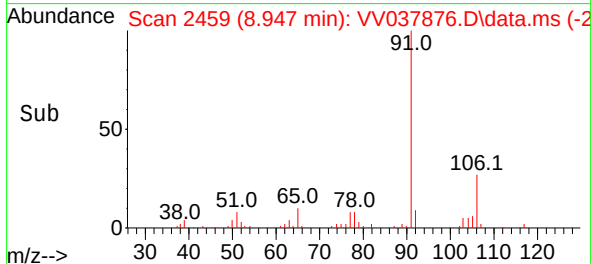
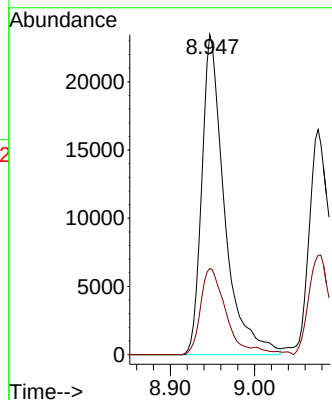
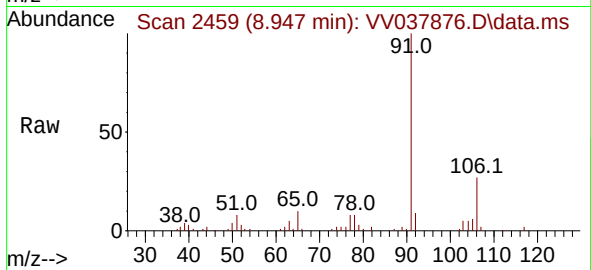




#52
Ethylbenzene
Concen: 0.403 ug/L
RT: 8.947 min Scan# 2457
Delta R.T. 0.006 min
Lab File: VV037876.D
Acq: 16 Oct 2024 14:03

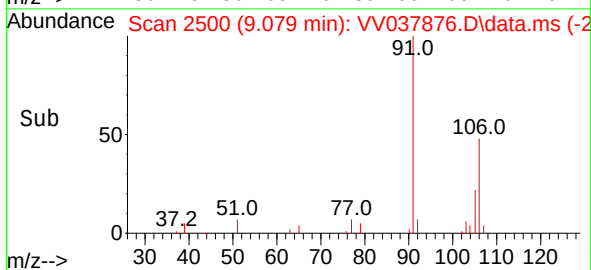
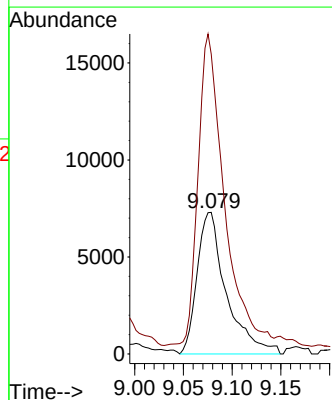
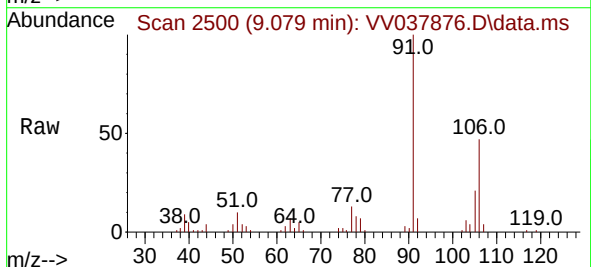
Instrument :
MSVOA_V
ClientSampleId :

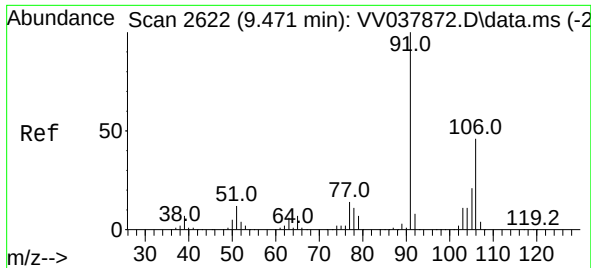
Tgt Ion: 91 Resp: 43955
Ion Ratio Lower Upper
91 100
106 26.9 21.6 40.0



#53
m,p-Xylene
Concen: 0.375 ug/L
RT: 9.079 min Scan# 2500
Delta R.T. 0.013 min
Lab File: VV037876.D
Acq: 16 Oct 2024 14:03

Tgt Ion: 106 Resp: 15173
Ion Ratio Lower Upper
106 100
91 211.7 140.0 260.0





#54

o-Xylene

Concen: 0.397 ug/L

RT: 9.477 min Scan# 2

Delta R.T. 0.006 min

Lab File: VV037876.D

Acq: 16 Oct 2024 14:03

Instrument :

MSVOA_V

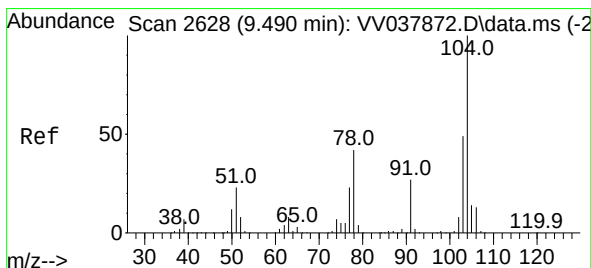
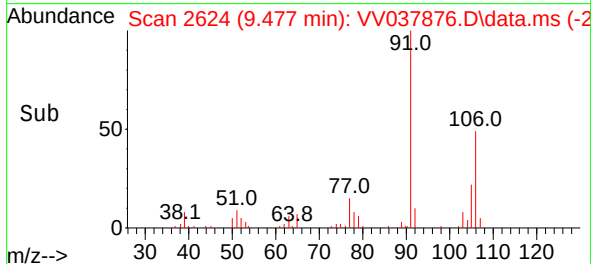
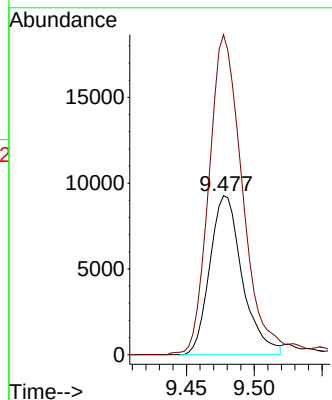
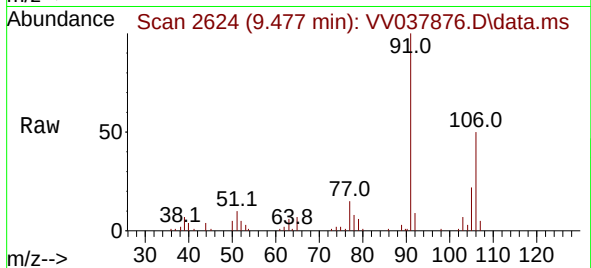
ClientSampleId :

Tgt Ion:106 Resp: 15465

Ion Ratio Lower Upper

106 100

91 201.2 152.1 282.5



#55

Styrene

Concen: 0.376 ug/L

RT: 9.503 min Scan# 2632

Delta R.T. 0.013 min

Lab File: VV037876.D

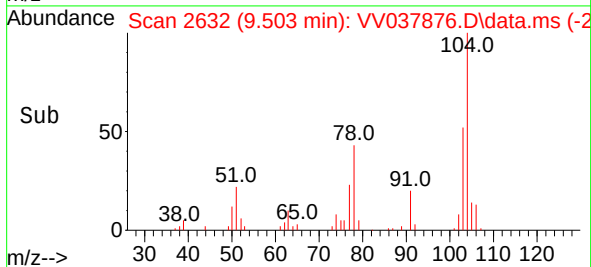
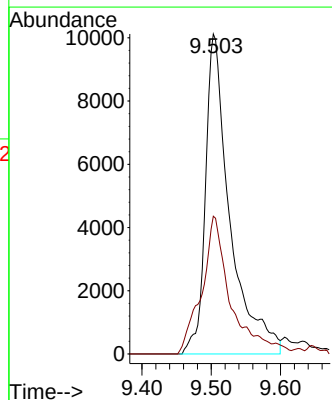
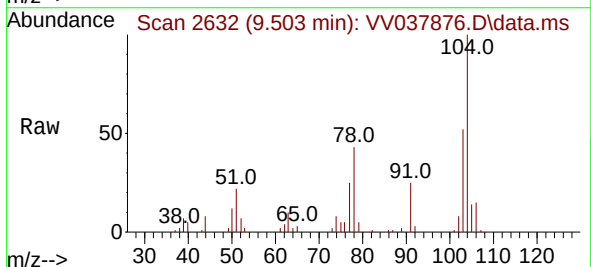
Acq: 16 Oct 2024 14:03

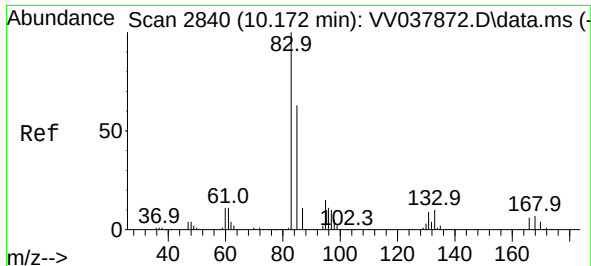
Tgt Ion:104 Resp: 24800

Ion Ratio Lower Upper

104 100

78 43.1 29.7 55.1





#57

1,1,2,2-Tetrachloroethane

Concen: 0.489 ug/L

RT: 10.178 min Scan# 2840

Delta R.T. 0.006 min

Lab File: VV037876.D

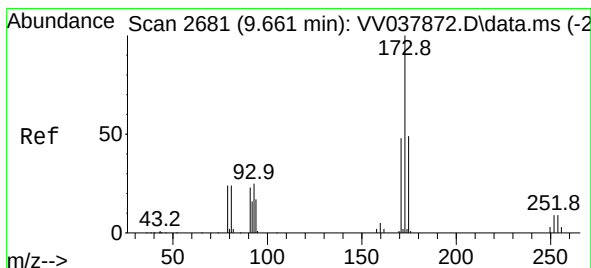
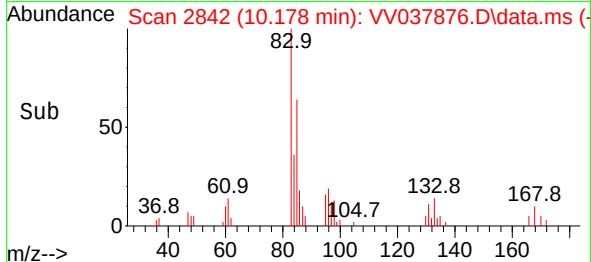
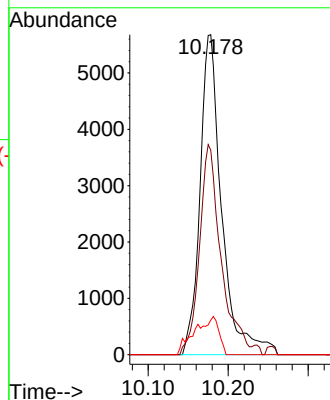
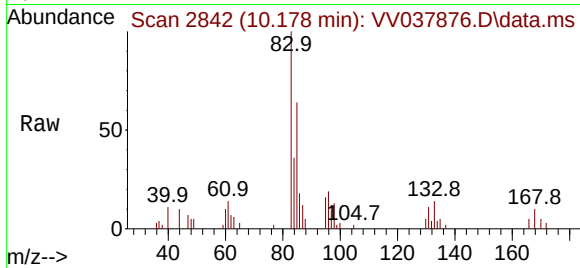
Acq: 16 Oct 2024 14:03

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	83	Resp:	10732
Ion	Ratio	Lower	Upper
83	100		
85	63.9	44.3	82.3
131	10.8	7.8	11.8



#59

Bromoform

Concen: 0.457 ug/L

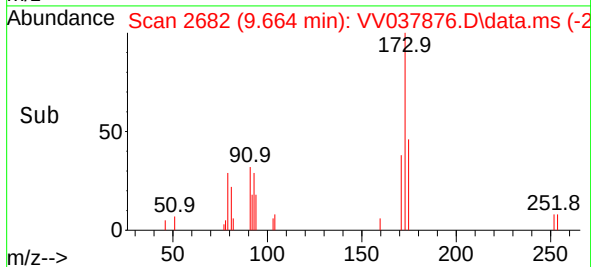
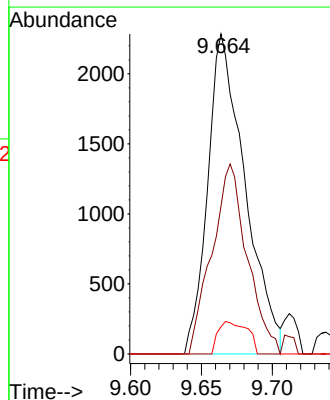
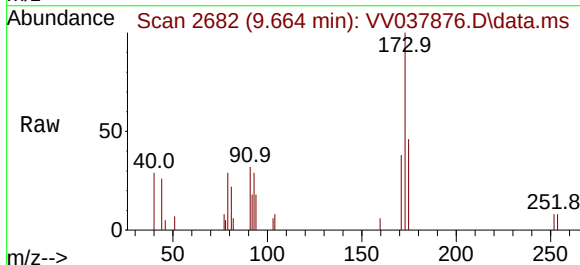
RT: 9.664 min Scan# 2682

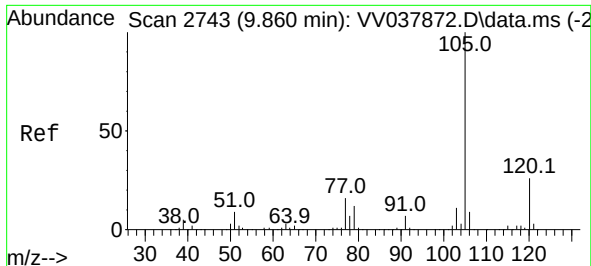
Delta R.T. 0.003 min

Lab File: VV037876.D

Acq: 16 Oct 2024 14:03

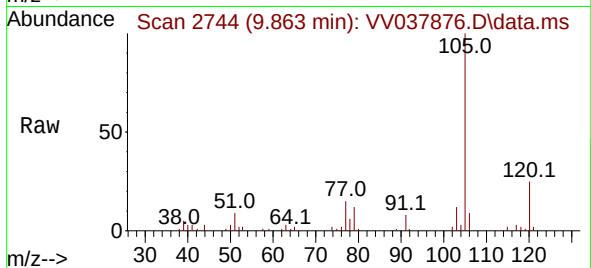
Tgt Ion:	173	Resp:	4187
Ion	Ratio	Lower	Upper
173	100		
175	56.0	40.3	60.5
254	7.9	7.3	10.9



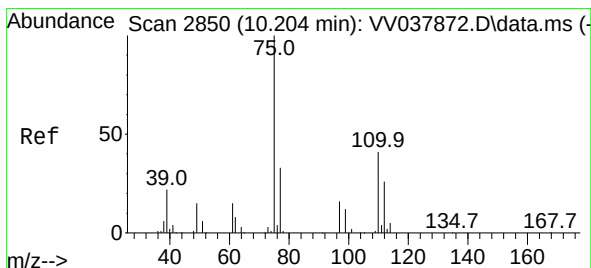
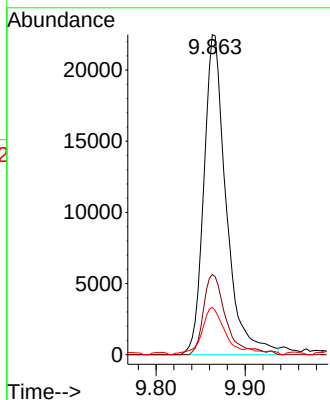
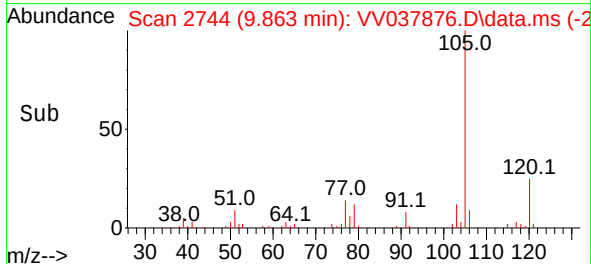


#60
Isopropylbenzene
Concen: 0.406 ug/L
RT: 9.863 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV037876.D
Acq: 16 Oct 2024 14:03

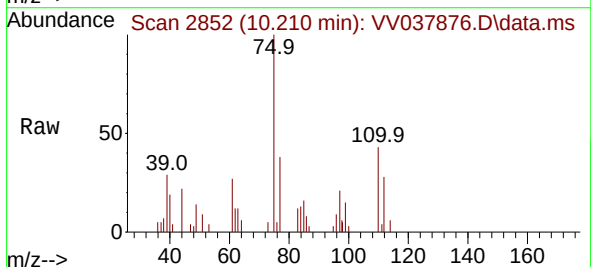
Instrument :
MSVOA_V
ClientSampleId :



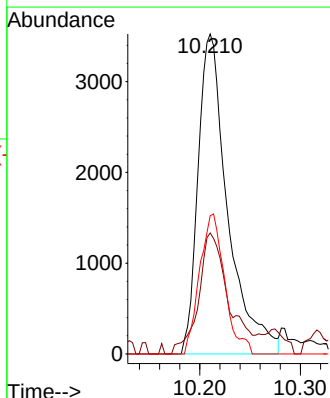
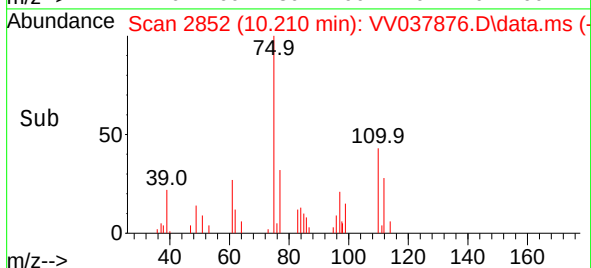
Tgt Ion:105 Resp: 39150
Ion Ratio Lower Upper
105 100
120 25.1 21.2 31.8
77 14.9 12.3 18.5

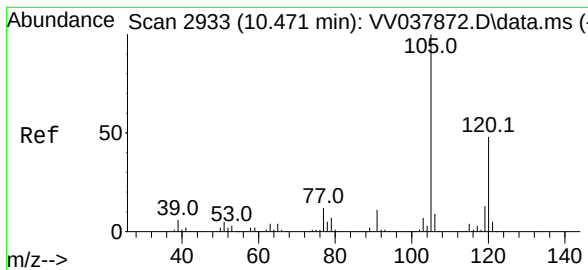


#61
1,2,3-Trichloropropane
Concen: 0.486 ug/L
RT: 10.210 min Scan# 2852
Delta R.T. 0.006 min
Lab File: VV037876.D
Acq: 16 Oct 2024 14:03



Tgt Ion: 75 Resp: 7218
Ion Ratio Lower Upper
75 100
77 38.2 25.4 38.2#
110 37.0 31.8 47.8

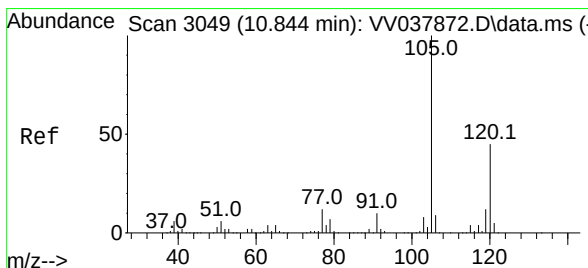
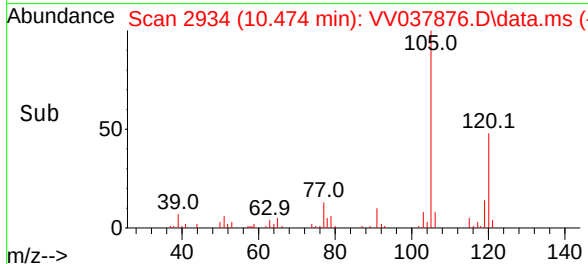
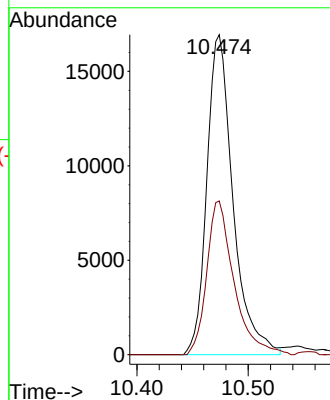
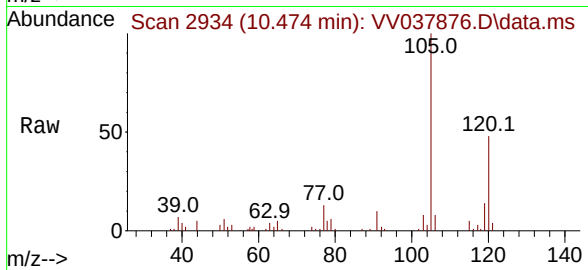




#62
 1,3,5-Trimethylbenzene
 Concen: 0.356 ug/L
 RT: 10.474 min Scan# 20
 Delta R.T. 0.003 min
 Lab File: VV037876.D
 Acq: 16 Oct 2024 14:03

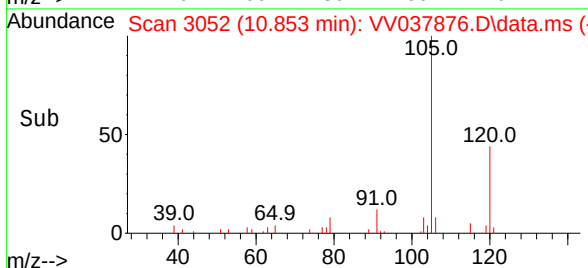
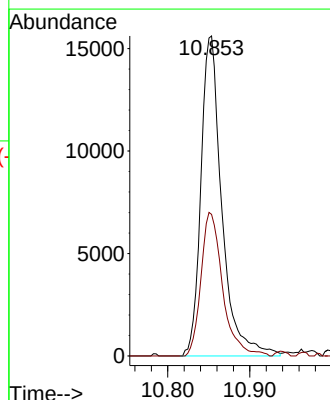
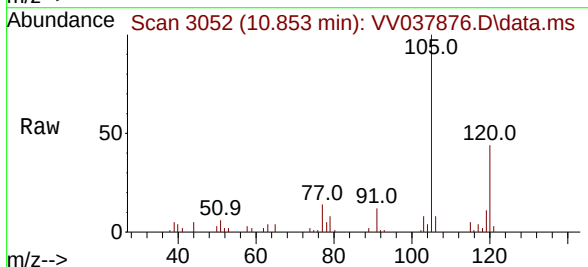
Instrument :
 MSVOA_V
 ClientSampleId :

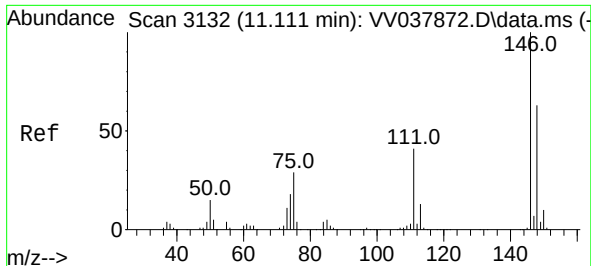
Tgt Ion:105 Resp: 27707
 Ion Ratio Lower Upper
 105 100
 120 49.8 39.0 58.4



#63
 1,2,4-Trimethylbenzene
 Concen: 0.361 ug/L
 RT: 10.853 min Scan# 3052
 Delta R.T. 0.010 min
 Lab File: VV037876.D
 Acq: 16 Oct 2024 14:03

Tgt Ion:105 Resp: 27737
 Ion Ratio Lower Upper
 105 100
 120 46.3 36.5 54.7





#64

1,3-Dichlorobenzene

Concen: 0.489 ug/L

RT: 11.123 min Scan# 3132

Delta R.T. 0.013 min

Lab File: VV037876.D

Acq: 16 Oct 2024 14:03

Instrument :

MSVOA_V

ClientSampleId :

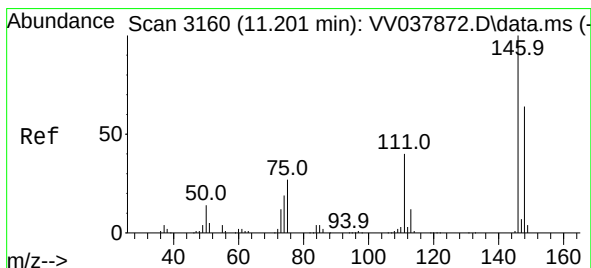
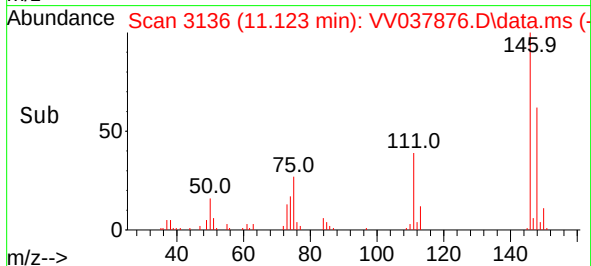
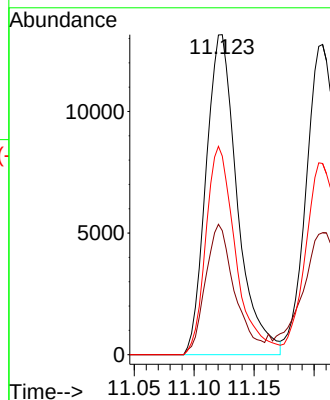
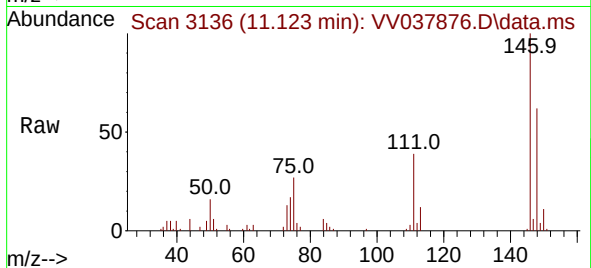
Tgt Ion:146 Resp: 23887

Ion Ratio Lower Upper

146 100

111 38.8 28.6 53.0

148 62.0 44.1 81.9



#65

1,4-Dichlorobenzene

Concen: 0.473 ug/L

RT: 11.207 min Scan# 3162

Delta R.T. 0.006 min

Lab File: VV037876.D

Acq: 16 Oct 2024 14:03

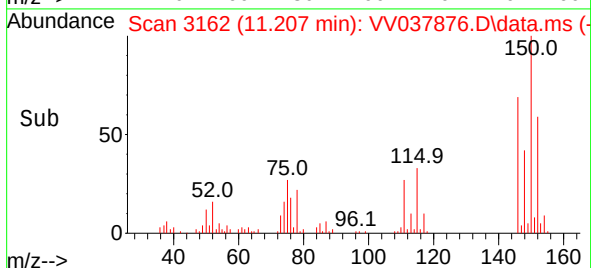
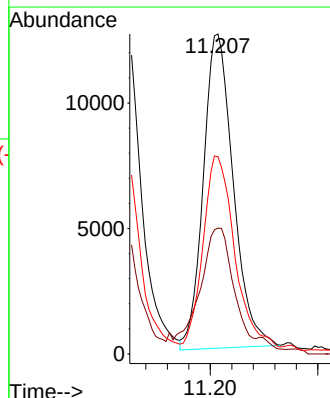
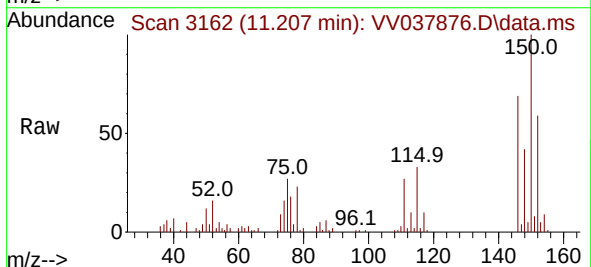
Tgt Ion:146 Resp: 24223

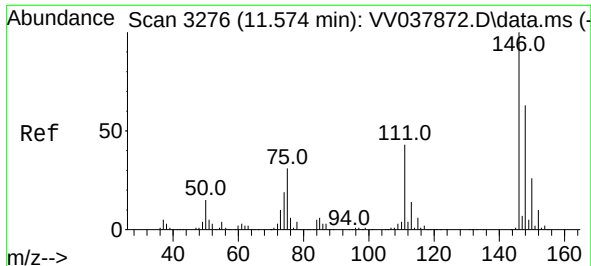
Ion Ratio Lower Upper

146 100

111 39.3 28.1 52.1

148 61.7 44.9 83.3





#67

1,2-Dichlorobenzene

Concen: 0.497 ug/L

RT: 11.577 min Scan# 3276

Delta R.T. 0.003 min

Lab File: VV037876.D

Acq: 16 Oct 2024 14:03

Instrument :

MSVOA_V

ClientSampleId :

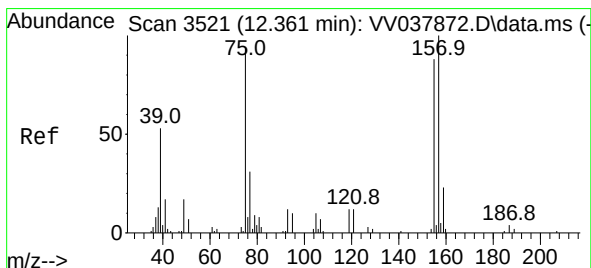
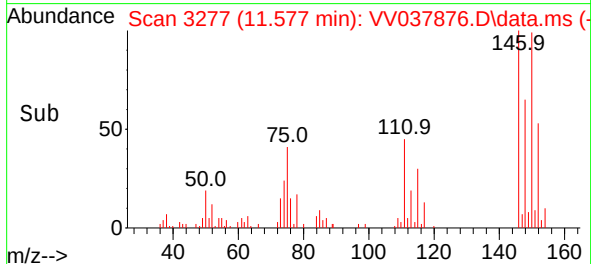
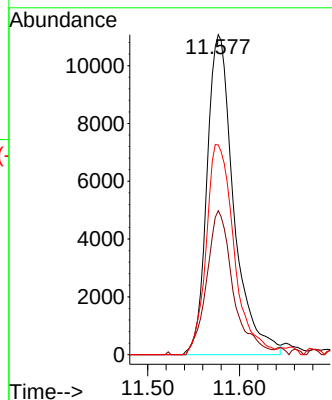
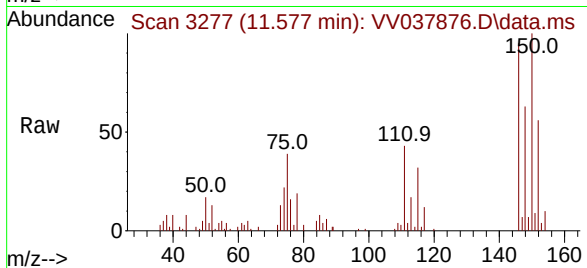
Tgt Ion:146 Resp: 22521

Ion Ratio Lower Upper

146 100

111 45.0 34.6 51.8

148 65.6 50.8 76.2



#68

1,2-Dibromo-3-chloropropane

Concen: 0.444 ug/L

RT: 12.381 min Scan# 3527

Delta R.T. 0.019 min

Lab File: VV037876.D

Acq: 16 Oct 2024 14:03

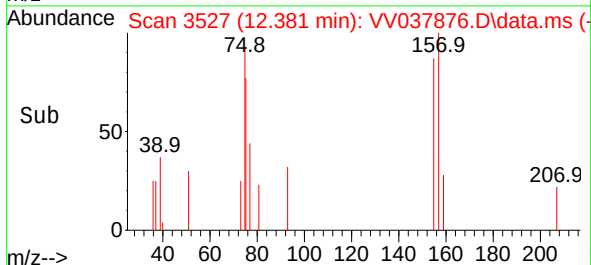
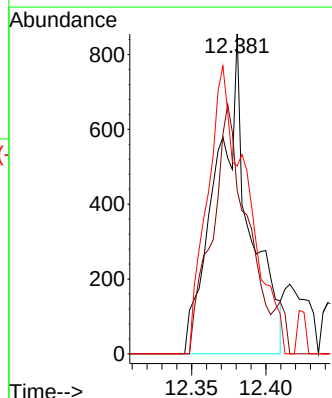
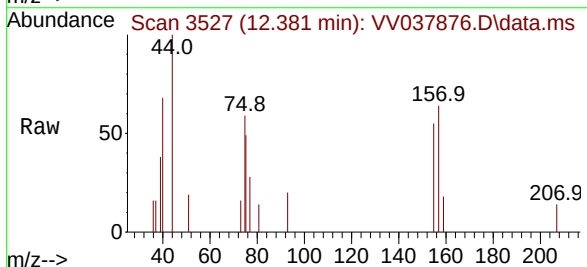
Tgt Ion: 75 Resp: 1324

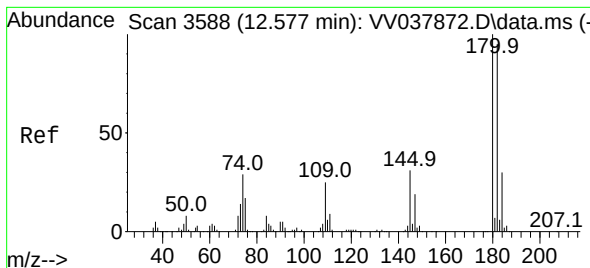
Ion Ratio Lower Upper

75 100

155 51.1 74.8 112.2#

157 58.7 85.2 127.8#





#69

1,3,5-Trichlorobenzene

Concen: 0.431 ug/L

RT: 12.583 min Scan# 3590

Delta R.T. 0.006 min

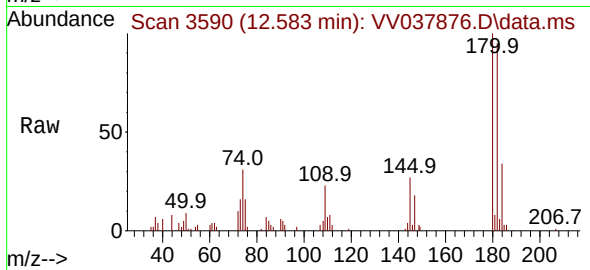
Lab File: VV037876.D

Acq: 16 Oct 2024 14:03

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 15755

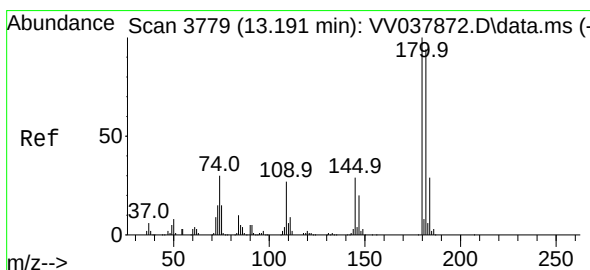
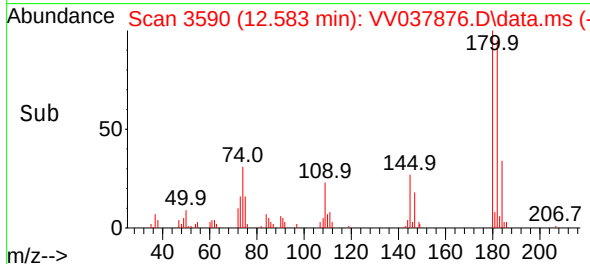
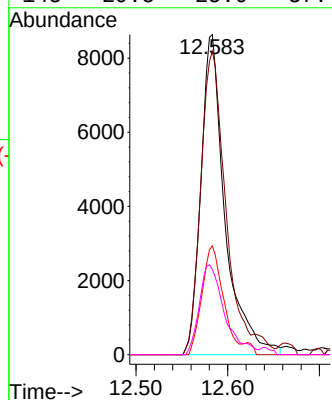
Ion Ratio Lower Upper

180 100

182 100.1 75.1 112.7

184 30.1 24.0 36.0

145 29.5 25.0 37.4



#70

1,2,4-trichlorobenzene

Concen: 0.452 ug/L

RT: 13.201 min Scan# 3782

Delta R.T. 0.010 min

Lab File: VV037876.D

Acq: 16 Oct 2024 14:03

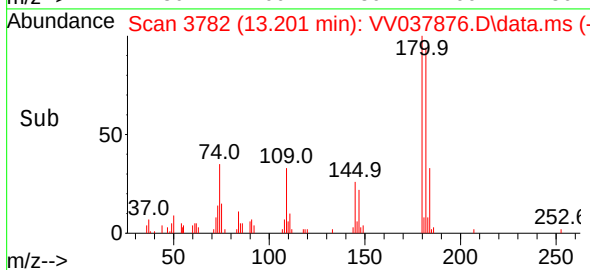
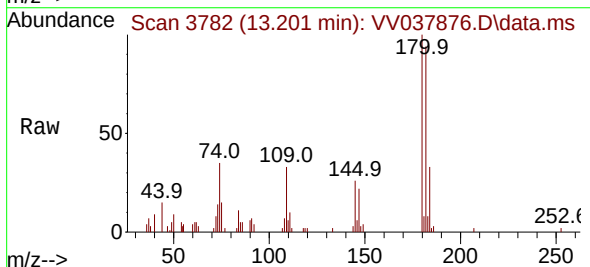
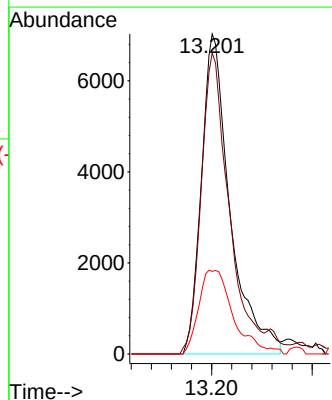
Tgt Ion:180 Resp: 13914

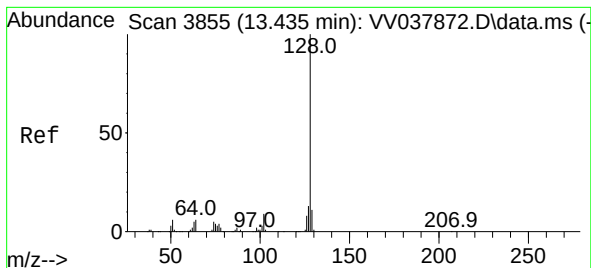
Ion Ratio Lower Upper

180 100

182 90.4 74.6 112.0

145 31.5 24.2 36.2





#71

Naphthalene

Concen: 0.711 ug/L

RT: 13.445 min Scan# 3855

Delta R.T. 0.010 min

Lab File: VV037876.D

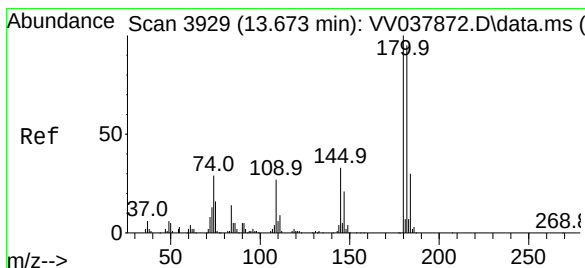
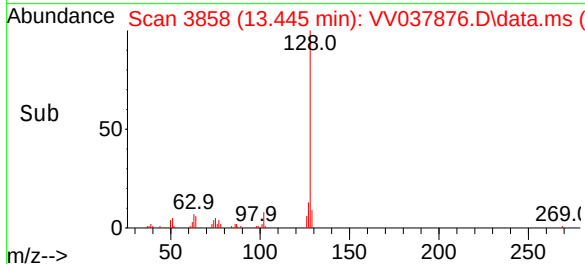
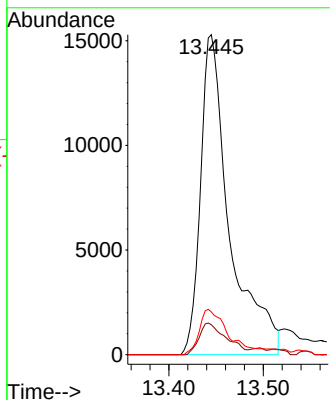
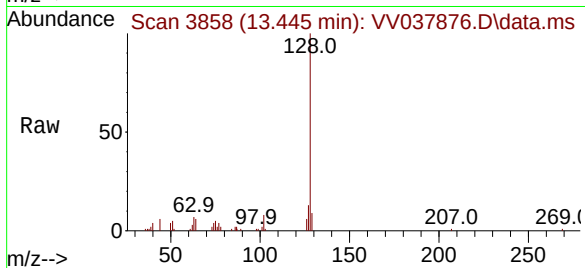
Acq: 16 Oct 2024 14:03

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:128	Resp:	32623
Ion Ratio	Lower	Upper
128	100	
129	9.3	8.4 12.6
127	14.9	9.7 14.5#



#72

1,2,3-Trichlorobenzene

Concen: 0.481 ug/L

RT: 13.680 min Scan# 3931

Delta R.T. 0.006 min

Lab File: VV037876.D

Acq: 16 Oct 2024 14:03

Tgt Ion:180	Resp:	13067
Ion Ratio	Lower	Upper
180	100	
182	98.4	77.0 115.6
145	32.9	27.3 40.9

