

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV051024\
 Data File : VV035574.D
 Acq On : 10 May 2024 11:16
 Operator : SY/MD
 Sample : P2409-05
 Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 10 23:50:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050124WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 10 23:44:12 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	453017	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	451817	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	198996	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	144227	41.290	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.580%
7) Chloroethane-d5	1.519	69	127748	49.628	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.260%
11) 1,1-Dichloroethene-d2	2.053	65	64206	42.820	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.640%
21) 2-Butanone-d5	3.783	46	211223	89.599	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.600%
24) Chloroform-d	4.243	84	302677	47.241	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.480%
26) 1,2-Dichloroethane-d4	4.937	65	187689	49.743	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.480%
32) Benzene-d6	4.957	84	593236	46.647	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.300%
36) 1,2-Dichloropropane-d6	5.985	67	196064	49.445	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.900%
41) Toluene-d8	7.239	98	507662	43.855	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.700%
43) trans-1,3-Dichloroprop...	7.551	79	83352	43.129	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.260%
47) 2-Hexanone-d5	8.021	63	154907	85.011	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.010%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	268298	44.404	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.800%
66) 1,2-Dichlorobenzene-d4	11.558	152	198779	50.278	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.560%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	7781	2.564	ug/L	98
3) Chloromethane	1.214	50	9538	2.901	ug/L	99
5) Vinyl chloride	1.281	62	9140	2.640	ug/L #	76
6) Bromomethane	1.474	94	4907	2.229	ug/L	100
8) Chloroethane	1.539	64	5861	2.944	ug/L	96
9) Trichlorofluoromethane	1.706	101	11416	2.451	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	9271	3.140	ug/L	85
12) 1,1-Dichloroethene	2.063	96	8005	3.035	ug/L #	1
13) Acetone	2.114	43	10135	4.644	ug/L	91
14) Carbon disulfide	2.236	76	16835	2.430	ug/L	99
15) Methyl Acetate	2.381	43	8487	2.397	ug/L	98
16) Methylene chloride	2.445	84	10161	3.041	ug/L	99
17) trans-1,2-Dichloroethene	2.696	96	6495	2.330	ug/L	95
18) Methyl tert-butyl Ether	2.706	73	21966	2.241	ug/L	96
19) 1,1-Dichloroethane	3.111	63	14201	2.426	ug/L	98
20) cis-1,2-Dichloroethene	3.812	96	8013	2.417	ug/L	93
22) 2-Butanone	3.780	43	703	0.272	ug/L #	71
23) Bromochloromethane	4.156	128	4334	2.390	ug/L #	90
25) Chloroform	4.272	83	18604	3.079	ug/L	98

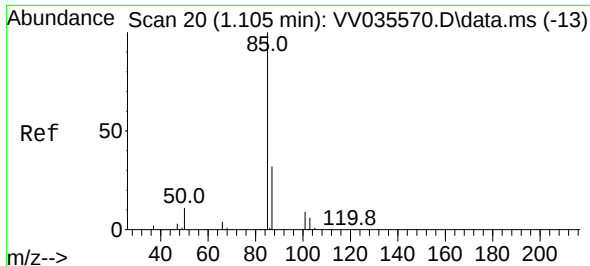
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV051024\
 Data File : VV035574.D
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 Quant Title : VOC Analysis
 QLast Update : Fri May 10 23:44:12 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.056	62	9438	2.183	ug/L #	91
29) Cyclohexane	4.584	56	8663	2.147	ug/L #	92
30) 1,1,1-Trichloroethane	4.513	97	12687	2.454	ug/L	100
31) Carbon tetrachloride	4.735	117	11288	2.525	ug/L	94
33) Benzene	5.014	78	28052	2.299	ug/L	100
34) Trichloroethene	5.841	95	8666	2.669	ug/L	96
35) Methylcyclohexane	6.047	83	8785	1.918	ug/L	91
37) 1,2-Dichloropropane	6.101	63	7613	2.271	ug/L #	95
38) Bromodichloromethane	6.442	83	11548	2.504	ug/L	99
39) cis-1,3-Dichloropropene	6.966	75	10678	2.029	ug/L	93
40) 4-Methyl-2-pentanone	7.165	43	16473	3.681	ug/L	94
42) Toluene	7.323	91	29301	2.289	ug/L	99
44) trans-1,3-Dichloropropene	7.590	75	11013	2.203	ug/L	96
45) 1,1,2-Trichloroethane	7.776	97	8585	2.395	ug/L	97
46) Tetrachloroethene	7.908	164	6080	2.318	ug/L	97
48) 2-Hexanone	8.088	43	17247	4.737	ug/L #	71
49) Dibromochloromethane	8.178	129	9197	2.451	ug/L	96
50) 1,2-Dibromoethane	8.291	107	8950	2.389	ug/L #	95
51) Chlorobenzene	8.815	112	21220	2.388	ug/L	96
52) Ethylbenzene	8.953	91	28742	2.079	ug/L	98
53) m,p-Xylene	9.079	106	10074	1.964	ug/L	99
54) o-Xylene	9.480	106	10207	1.975	ug/L	95
55) Styrene	9.506	104	15377	1.721	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.175	83	14536	2.370	ug/L #	98
59) Bromoform	9.667	173	7005	2.722	ug/L #	97
60) Isopropylbenzene	9.866	105	24846	2.162	ug/L	98
61) 1,2,3-Trichloropropane	10.210	75	11639	2.915	ug/L	98
62) 1,3,5-Trimethylbenzene	10.477	105	18627	2.025	ug/L	99
63) 1,2,4-Trimethylbenzene	10.853	105	18286	1.983	ug/L	98
64) 1,3-Dichlorobenzene	11.124	146	13944	2.343	ug/L	97
65) 1,4-Dichlorobenzene	11.207	146	16306	2.597	ug/L	98
67) 1,2-Dichlorobenzene	11.577	146	17748	2.851	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.365	75	3332	2.834	ug/L #	76
69) 1,3,5-Trichlorobenzene	12.583	180	10696	2.368	ug/L	100
70) 1,2,4-trichlorobenzene	13.204	180	9406	2.364	ug/L	98
71) Naphthalene	13.445	128	21933	1.967	ug/L	100
72) 1,2,3-Trichlorobenzene	13.683	180	9858	2.387	ug/L	99

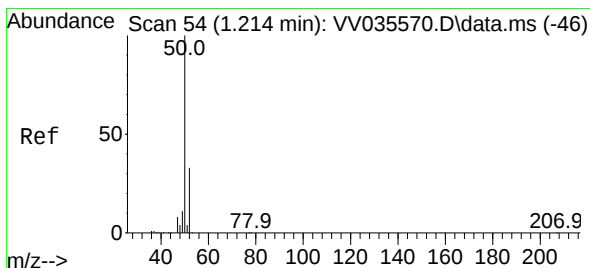
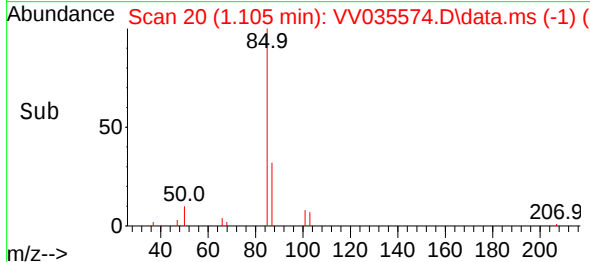
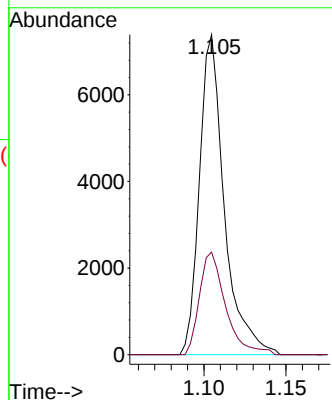
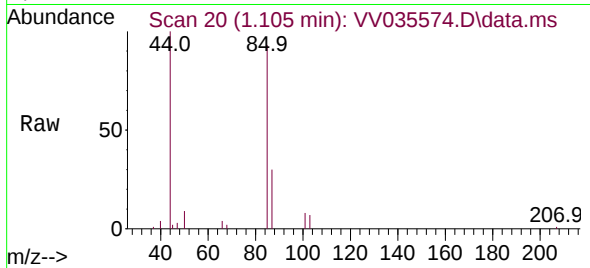
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 2.564 ug/L
RT: 1.105 min Scan# 20
Delta R.T. 0.000 min
Lab File: VV035574.D
Acq: 10 May 2024 11:16

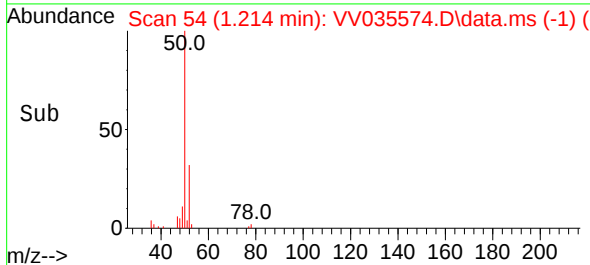
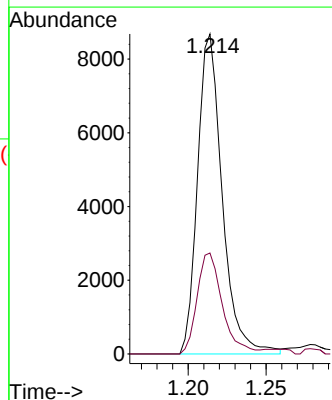
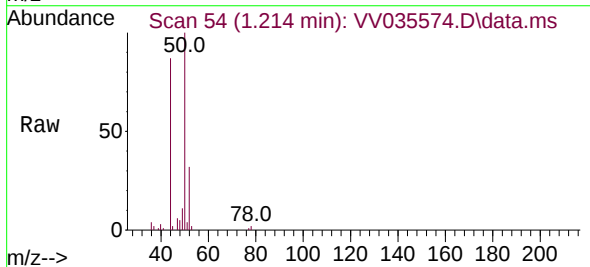
Instrument :
MSVOA_V
ClientSampleId :

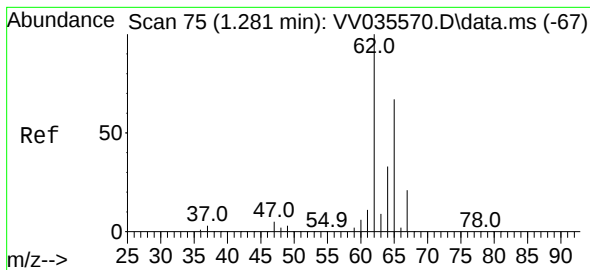
Tgt Ion: 85 Resp: 7781
Ion Ratio Lower Upper
85 100
87 33.7 25.8 38.8



#3
Chloromethane
Concen: 2.901 ug/L
RT: 1.214 min Scan# 54
Delta R.T. 0.000 min
Lab File: VV035574.D
Acq: 10 May 2024 11:16

Tgt Ion: 50 Resp: 9538
Ion Ratio Lower Upper
50 100
52 31.6 22.6 42.0





#5

Vinyl chloride

Concen: 2.640 ug/L

RT: 1.281 min Scan# 75

Delta R.T. 0.000 min

Lab File: VV035574.D

Acq: 10 May 2024 11:16

Instrument :

MSVOA_V

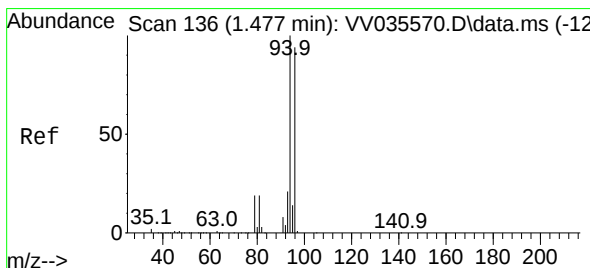
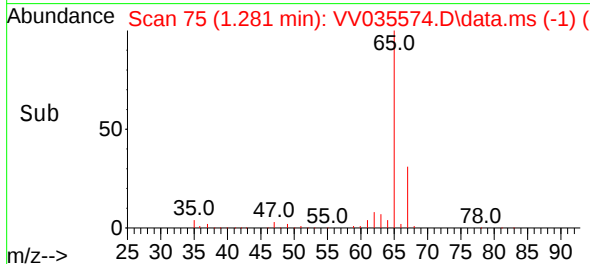
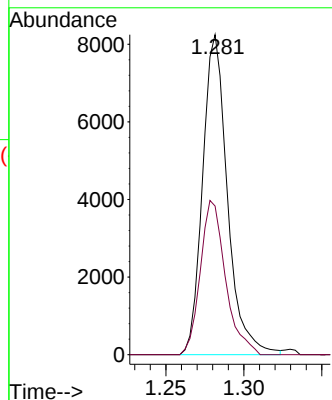
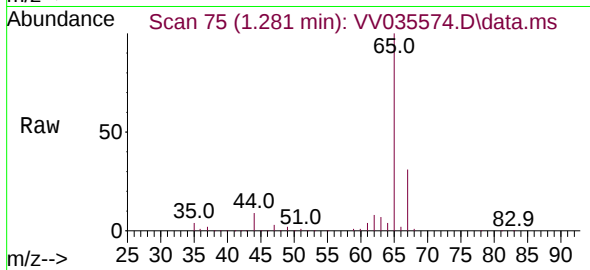
ClientSampleId :

Tgt Ion: 62 Resp: 9140

Ion Ratio Lower Upper

62 100

64 46.5 22.9 42.5#



#6

Bromomethane

Concen: 2.229 ug/L

RT: 1.474 min Scan# 135

Delta R.T. -0.003 min

Lab File: VV035574.D

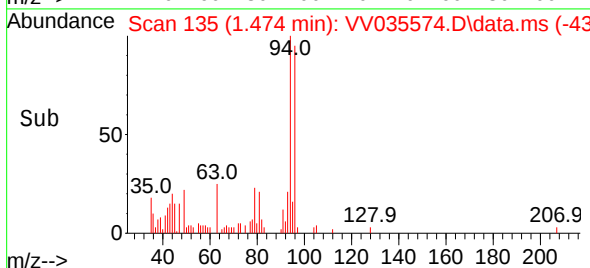
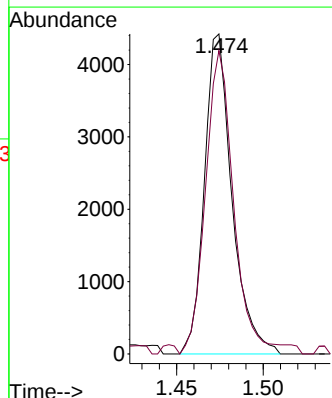
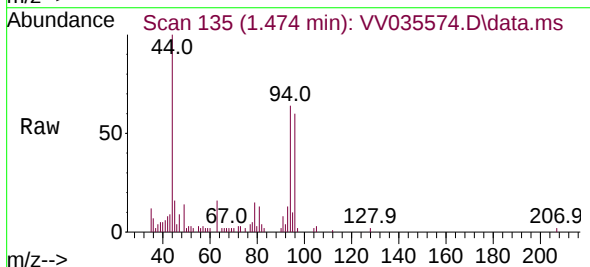
Acq: 10 May 2024 11:16

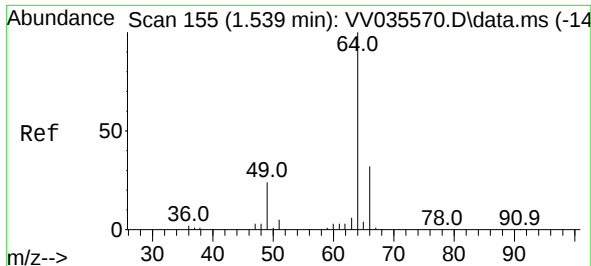
Tgt Ion: 94 Resp: 4907

Ion Ratio Lower Upper

94 100

96 94.8 66.2 123.0

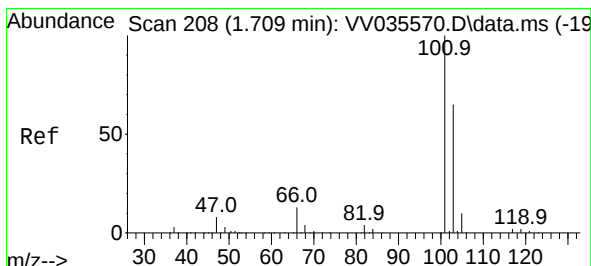
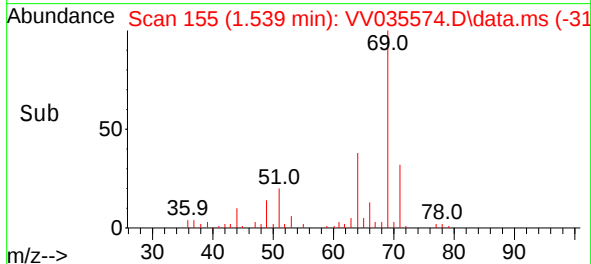
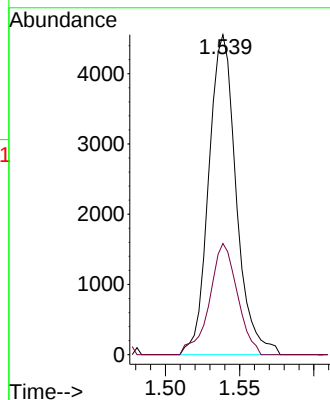
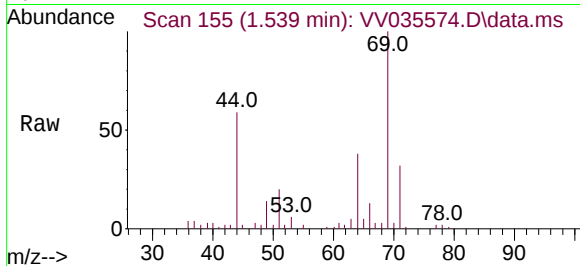




#8
Chloroethane
Concen: 2.944 ug/L
RT: 1.539 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV035574.D
Acq: 10 May 2024 11:16

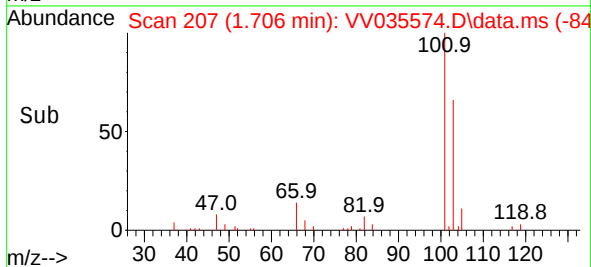
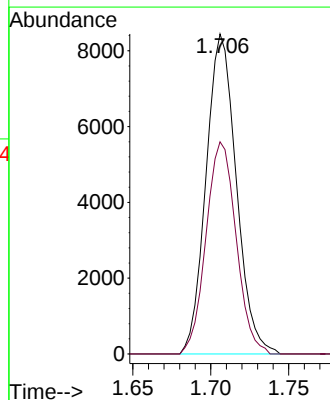
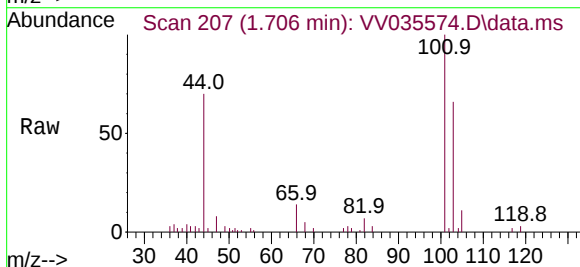
Instrument :
MSVOA_V
ClientSampleId :

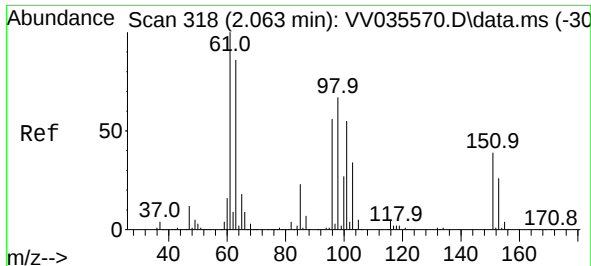
Tgt Ion: 64 Resp: 5861
Ion Ratio Lower Upper
64 100
66 34.7 22.7 42.1



#9
Trichlorofluoromethane
Concen: 2.451 ug/L
RT: 1.706 min Scan# 207
Delta R.T. -0.003 min
Lab File: VV035574.D
Acq: 10 May 2024 11:16

Tgt Ion:101 Resp: 11416
Ion Ratio Lower Upper
101 100
103 65.8 52.0 78.0





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 3.140 ug/L

RT: 2.063 min Scan# 318

Delta R.T. 0.000 min

Lab File: VV035574.D

Acq: 10 May 2024 11:16

Instrument :

MSVOA_V

ClientSampleId :

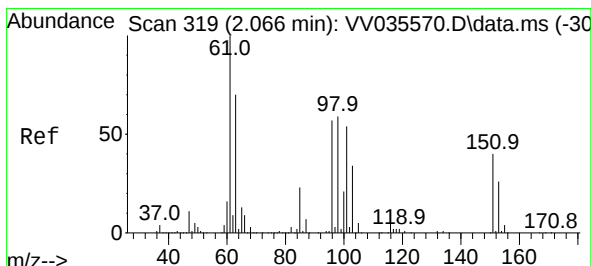
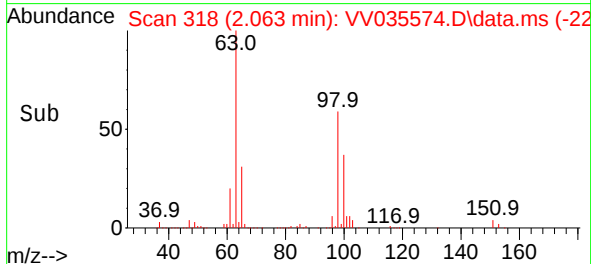
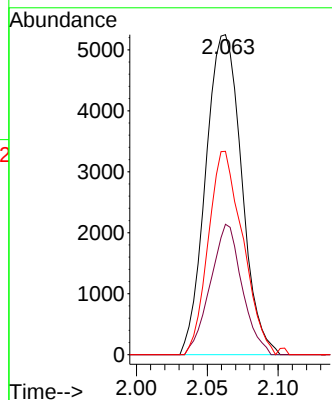
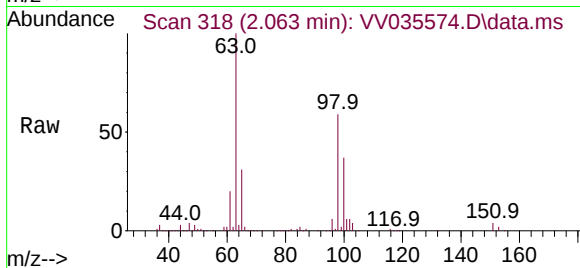
Tgt Ion:101 Resp: 9271

Ion Ratio Lower Upper

101 100

85 35.9 34.4 51.6

151 61.0 60.1 90.1



#12

1,1-Dichloroethene

Concen: 3.035 ug/L

RT: 2.063 min Scan# 318

Delta R.T. -0.003 min

Lab File: VV035574.D

Acq: 10 May 2024 11:16

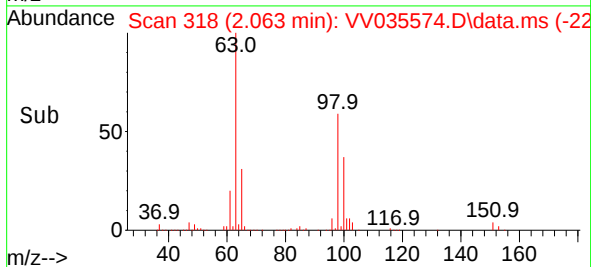
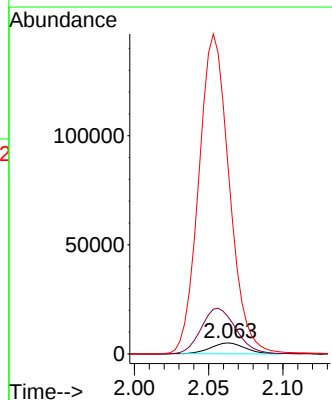
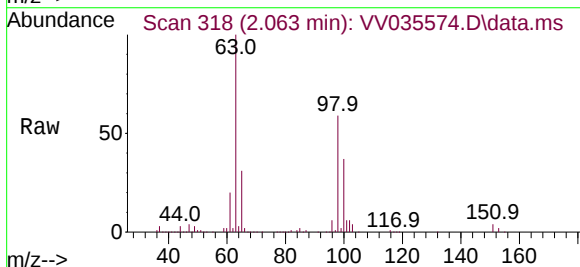
Tgt Ion: 96 Resp: 8005

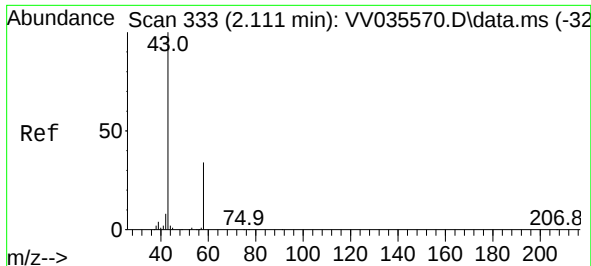
Ion Ratio Lower Upper

96 100

61 342.1 126.5 234.9#

63 1739.0 118.1 219.3#





#13

Acetone

Concen: 4.644 ug/L

RT: 2.114 min Scan# 333

Delta R.T. 0.003 min

Lab File: VV035574.D

Acq: 10 May 2024 11:16

Instrument :

MSVOA_V

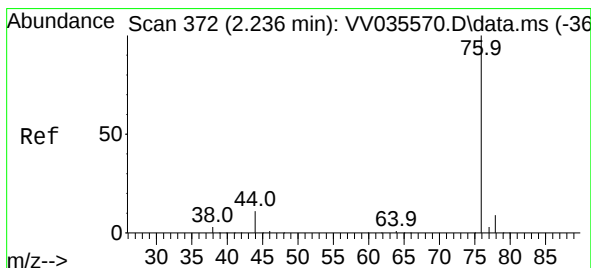
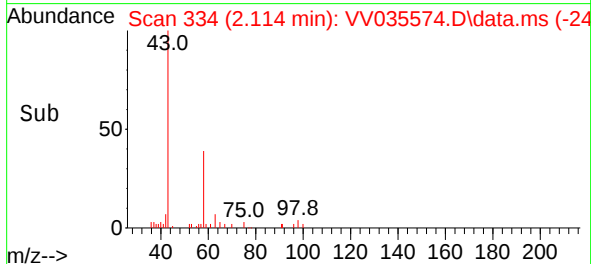
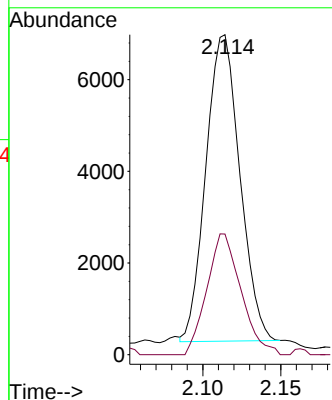
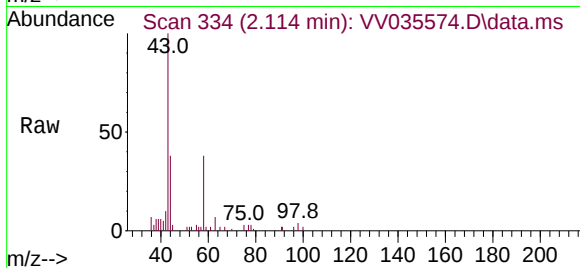
ClientSampleId :

Tgt Ion: 43 Resp: 10135

Ion Ratio Lower Upper

43 100

58 39.6 0.0 68.8



#14

Carbon disulfide

Concen: 2.430 ug/L

RT: 2.236 min Scan# 372

Delta R.T. 0.000 min

Lab File: VV035574.D

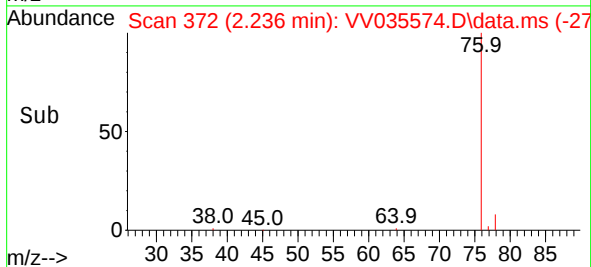
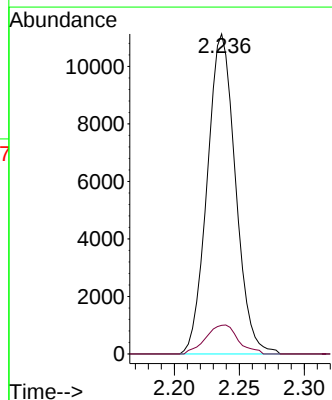
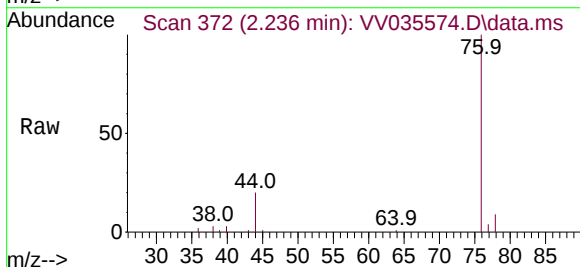
Acq: 10 May 2024 11:16

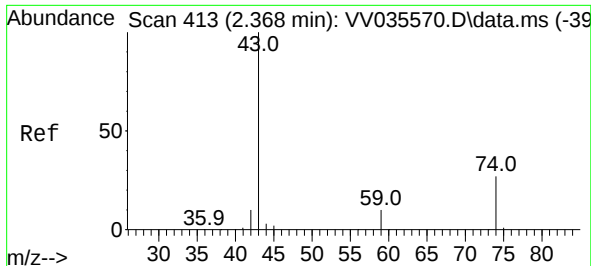
Tgt Ion: 76 Resp: 16835

Ion Ratio Lower Upper

76 100

78 9.0 7.6 11.4





#15

Methyl Acetate

Concen: 2.397 ug/L

RT: 2.381 min Scan# 413

Delta R.T. 0.013 min

Lab File: VV035574.D

Acq: 10 May 2024 11:16

Instrument :

MSVOA_V

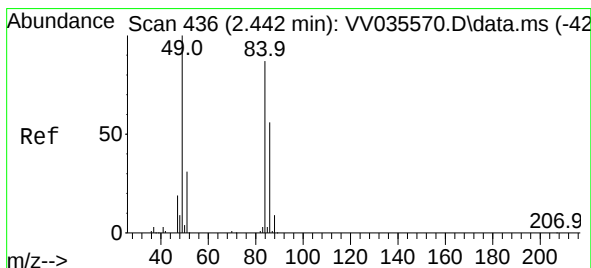
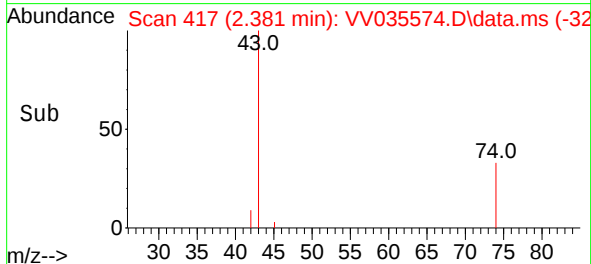
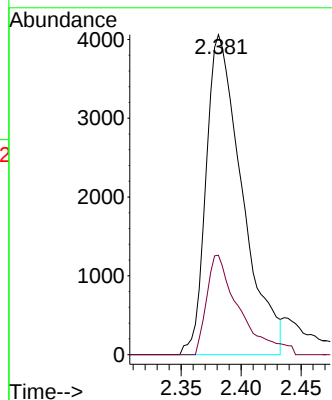
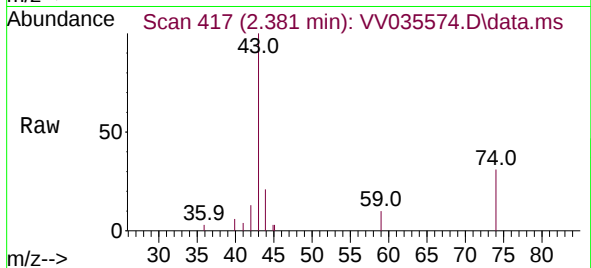
ClientSampleId :

Tgt Ion: 43 Resp: 8487

Ion Ratio Lower Upper

43 100

74 27.9 21.6 32.4



#16

Methylene chloride

Concen: 3.041 ug/L

RT: 2.445 min Scan# 437

Delta R.T. 0.003 min

Lab File: VV035574.D

Acq: 10 May 2024 11:16

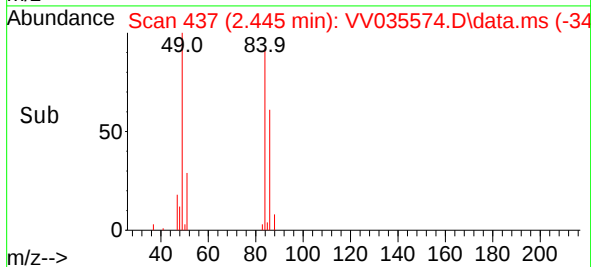
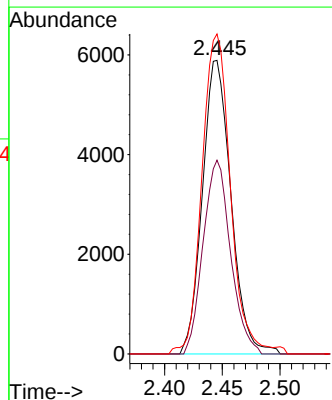
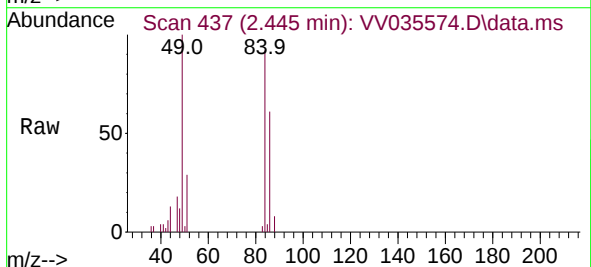
Tgt Ion: 84 Resp: 10161

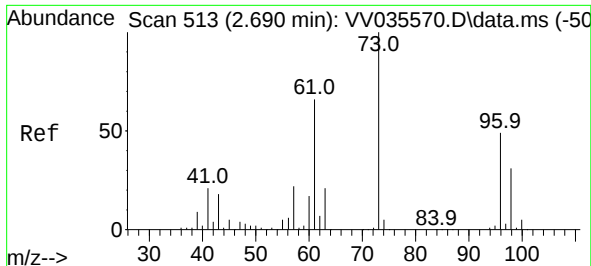
Ion Ratio Lower Upper

84 100

86 66.0 45.3 84.1

49 109.0 76.9 142.7

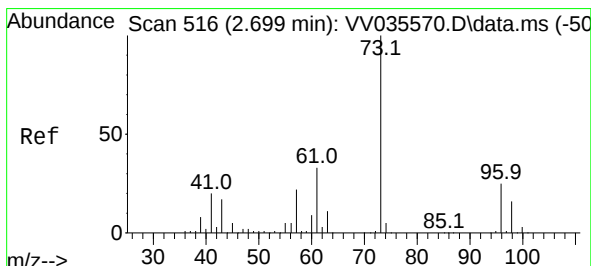
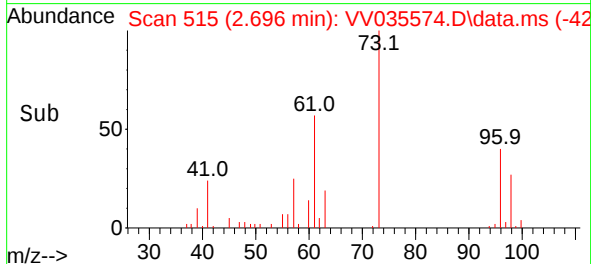
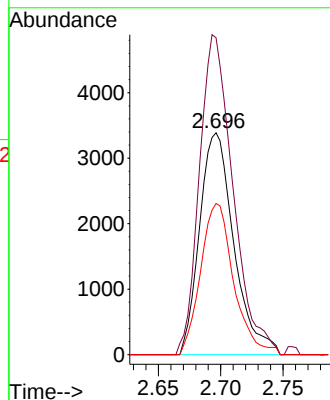
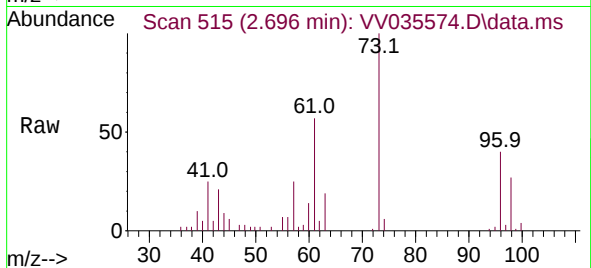




#17
trans-1,2-Dichloroethene
Concen: 2.330 ug/L
RT: 2.696 min Scan# 513
Delta R.T. 0.007 min
Lab File: VV035574.D
Acq: 10 May 2024 11:16

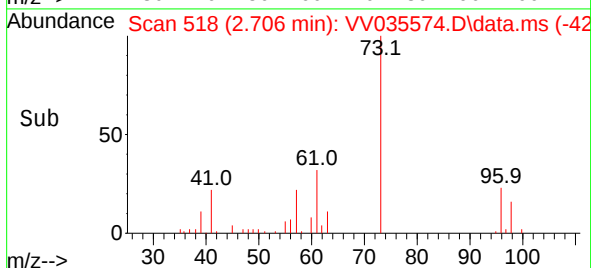
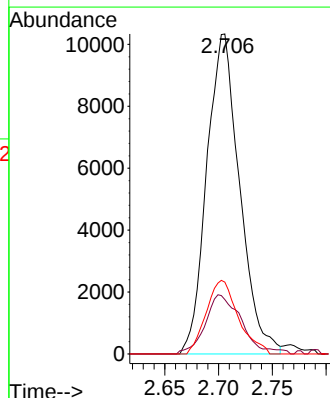
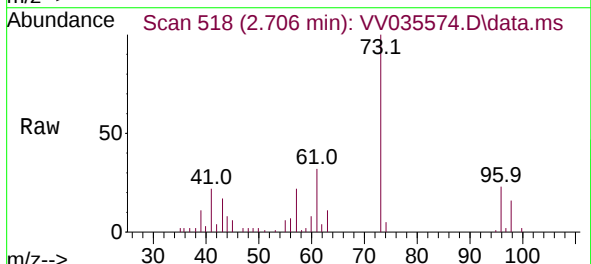
Instrument :
MSVOA_V
ClientSampleId :

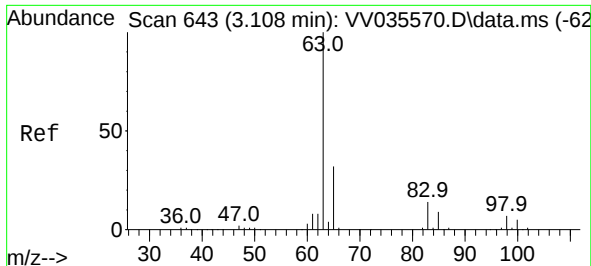
Tgt Ion: 96 Resp: 6495
Ion Ratio Lower Upper
96 100
61 142.9 95.5 177.3
98 68.2 44.9 83.5



#18
Methyl tert-butyl Ether
Concen: 2.241 ug/L
RT: 2.706 min Scan# 518
Delta R.T. 0.007 min
Lab File: VV035574.D
Acq: 10 May 2024 11:16

Tgt Ion: 73 Resp: 21966
Ion Ratio Lower Upper
73 100
43 19.6 13.6 20.4
57 22.5 17.4 26.0

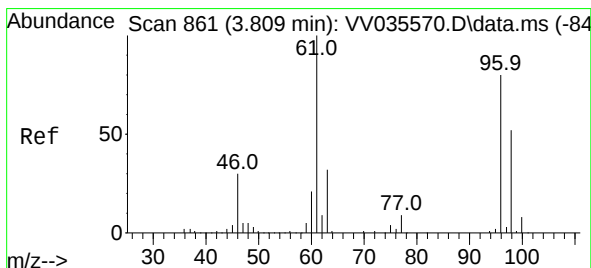
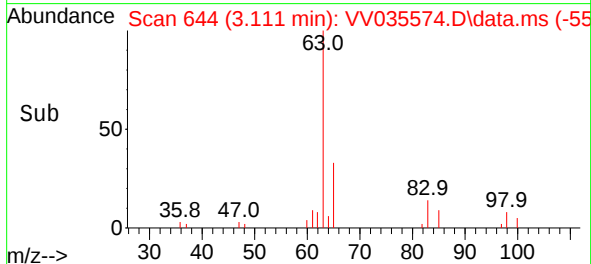
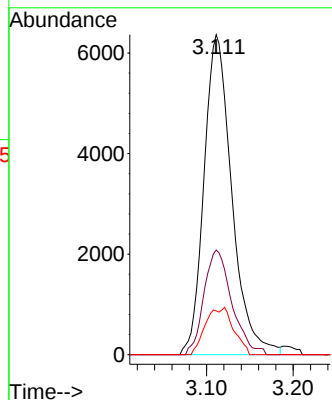
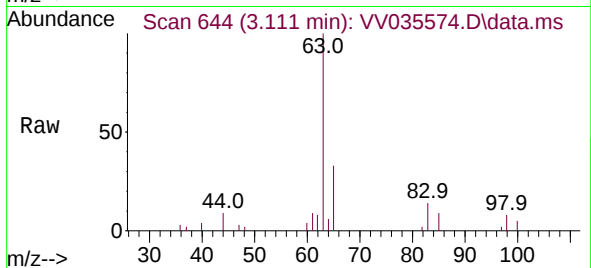




#19
1,1-Dichloroethane
Concen: 2.426 ug/L
RT: 3.111 min Scan# 643
Delta R.T. 0.003 min
Lab File: VV035574.D
Acq: 10 May 2024 11:16

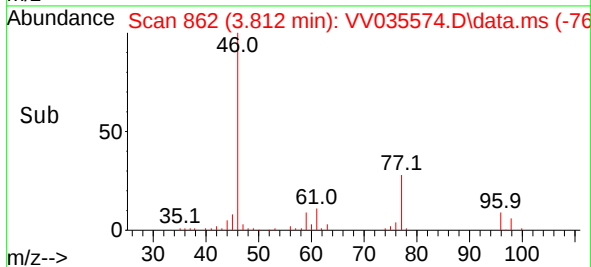
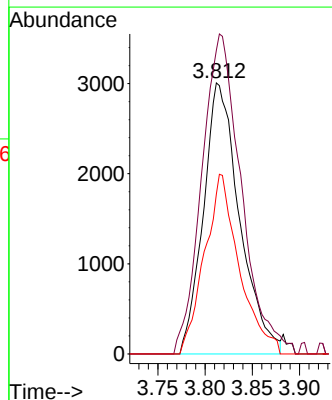
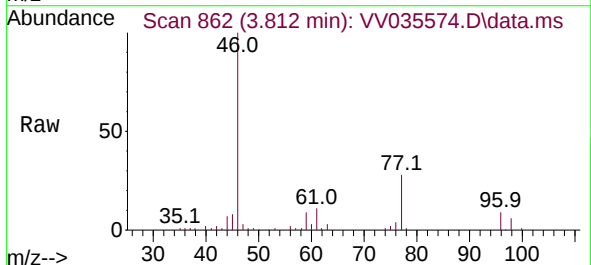
Instrument :
MSVOA_V
ClientSampleId :

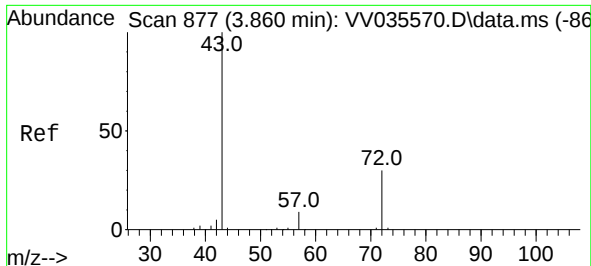
Tgt Ion: 63 Resp: 14201
Ion Ratio Lower Upper
63 100
65 32.7 21.8 40.4
83 13.7 9.2 17.2



#20
cis-1,2-Dichloroethene
Concen: 2.417 ug/L
RT: 3.812 min Scan# 862
Delta R.T. 0.003 min
Lab File: VV035574.D
Acq: 10 May 2024 11:16

Tgt Ion: 96 Resp: 8013
Ion Ratio Lower Upper
96 100
61 112.0 84.0 156.0
98 58.9 44.9 83.5

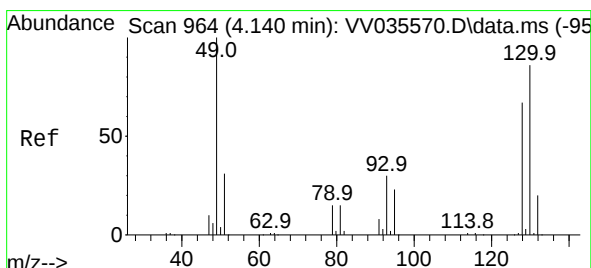
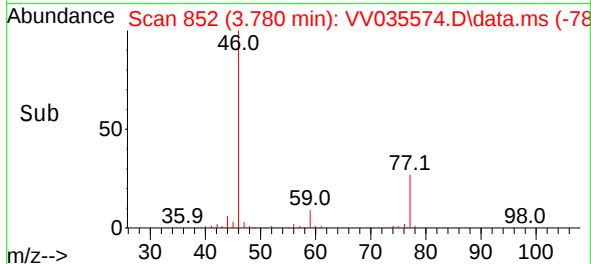
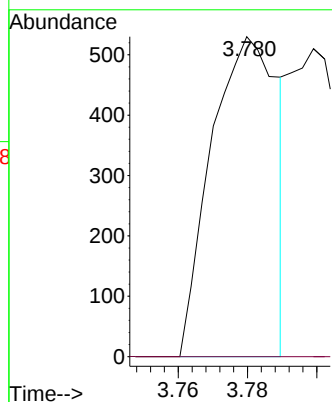
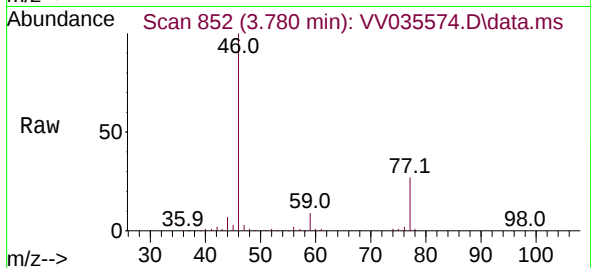




#22
2-Butanone
Concen: 0.272 ug/L
RT: 3.780 min Scan# 81
Delta R.T. -0.080 min
Lab File: VV035574.D
Acq: 10 May 2024 11:16

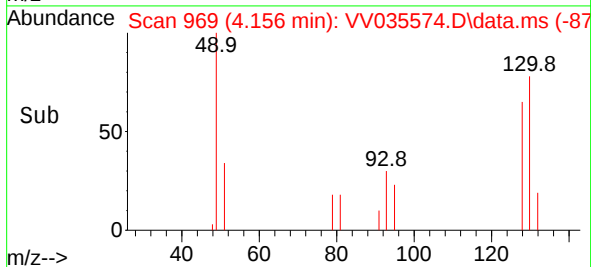
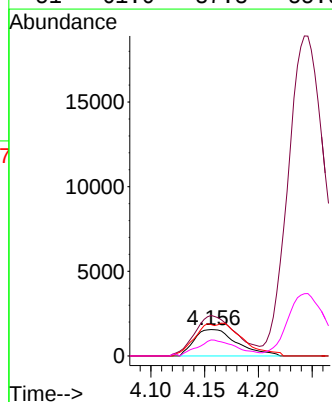
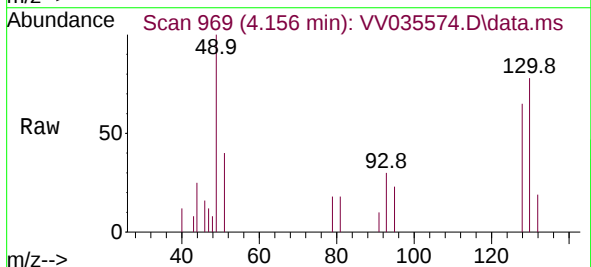
Instrument :
MSVOA_V
ClientSampleId :

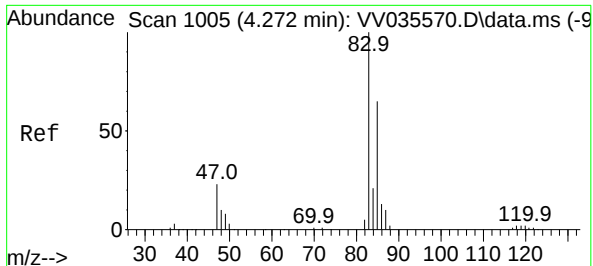
Tgt Ion: 43 Resp: 703
Ion Ratio Lower Upper
43 100
72 13.2 14.4 43.0#



#23
Bromochloromethane
Concen: 2.390 ug/L
RT: 4.156 min Scan# 969
Delta R.T. 0.016 min
Lab File: VV035574.D
Acq: 10 May 2024 11:16

Tgt Ion:128 Resp: 4334
Ion Ratio Lower Upper
128 100
49 153.6 102.0 189.4
130 119.1 91.5 169.9
51 61.0 37.3 55.9#





#25

Chloroform

Concen: 3.079 ug/L

RT: 4.272 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV035574.D

Acq: 10 May 2024 11:16

Instrument :

MSVOA_V

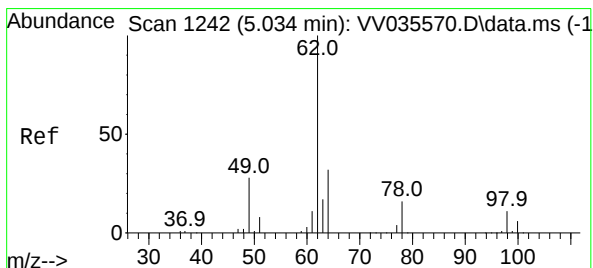
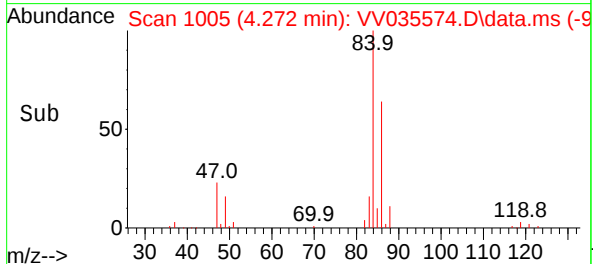
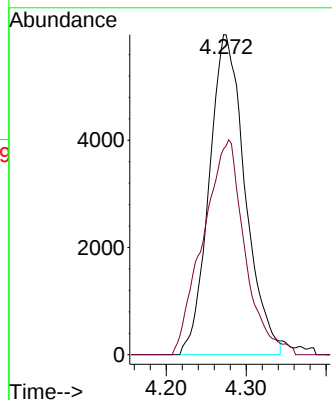
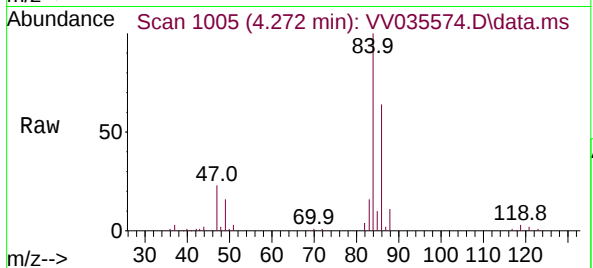
ClientSampleId :

Tgt Ion: 83 Resp: 18604

Ion Ratio Lower Upper

83 100

85 64.3 45.8 85.2



#27

1,2-Dichloroethane

Concen: 2.183 ug/L

RT: 5.056 min Scan# 1249

Delta R.T. 0.023 min

Lab File: VV035574.D

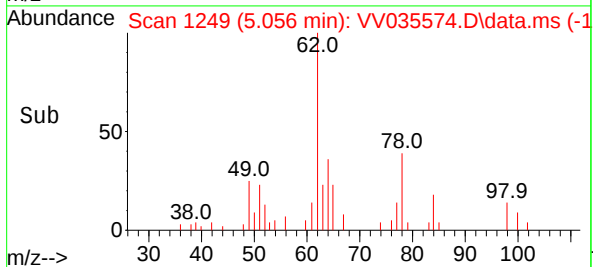
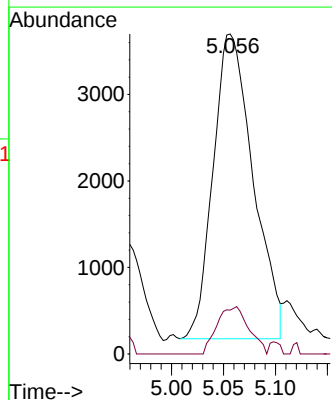
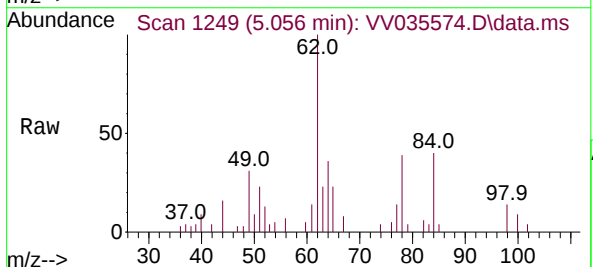
Acq: 10 May 2024 11:16

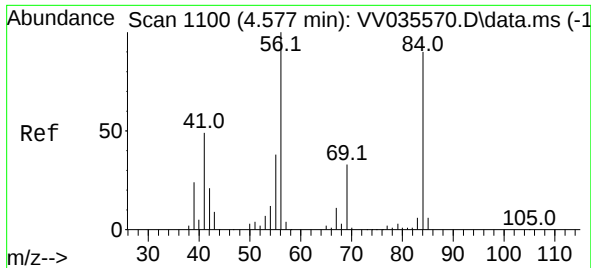
Tgt Ion: 62 Resp: 9438

Ion Ratio Lower Upper

62 100

98 13.7 8.2 12.2#





#29

Cyclohexane

Concen: 2.147 ug/L

RT: 4.584 min Scan# 1100

Delta R.T. 0.007 min

Lab File: VV035574.D

Acq: 10 May 2024 11:16

Instrument :

MSVOA_V

ClientSampleId :

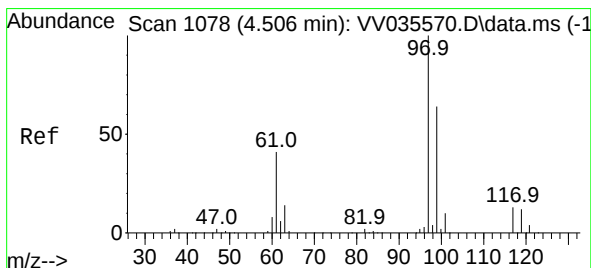
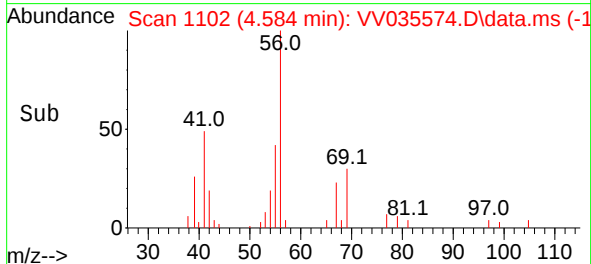
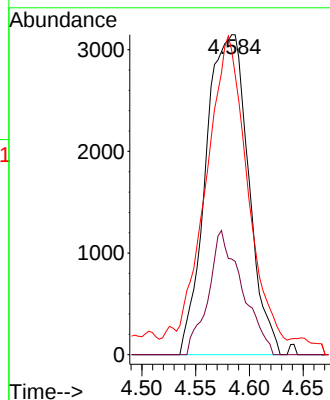
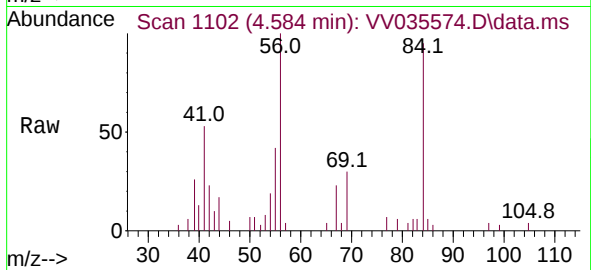
Tgt Ion: 56 Resp: 8663

Ion Ratio Lower Upper

56 100

69 19.9 25.5 38.3#

84 88.8 73.6 110.4



#30

1,1,1-Trichloroethane

Concen: 2.454 ug/L

RT: 4.513 min Scan# 1080

Delta R.T. 0.007 min

Lab File: VV035574.D

Acq: 10 May 2024 11:16

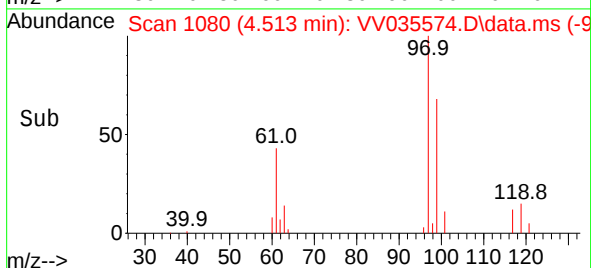
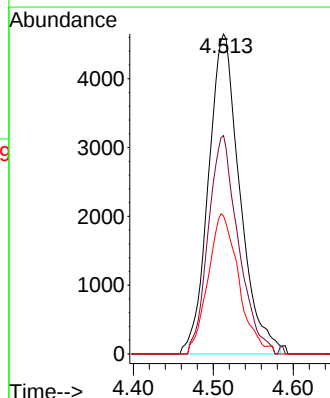
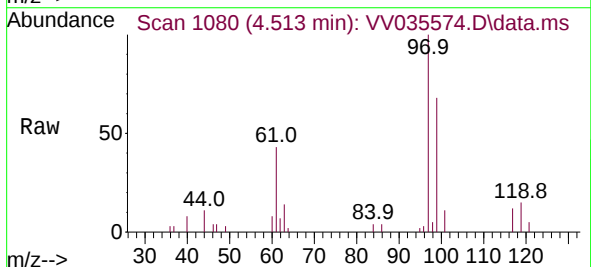
Tgt Ion: 97 Resp: 12687

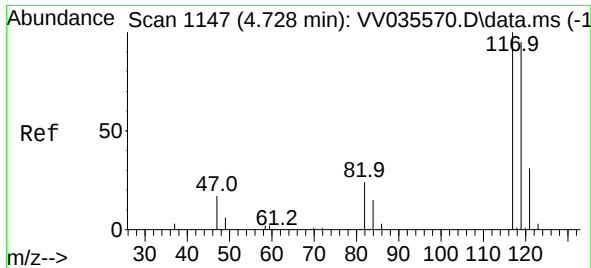
Ion Ratio Lower Upper

97 100

99 65.3 51.9 77.9

61 42.4 34.1 51.1

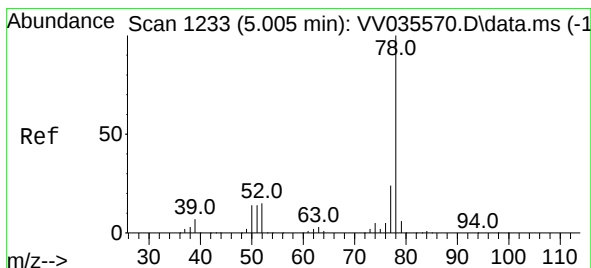
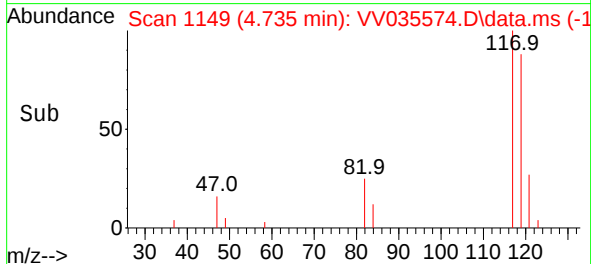
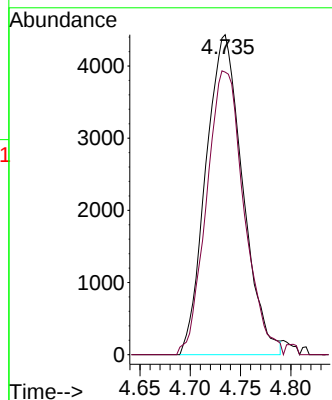
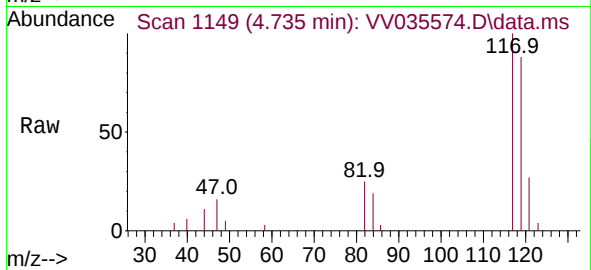




#31
Carbon tetrachloride
Concen: 2.525 ug/L
RT: 4.735 min Scan# 1149
Delta R.T. 0.007 min
Lab File: VV035574.D
Acq: 10 May 2024 11:16

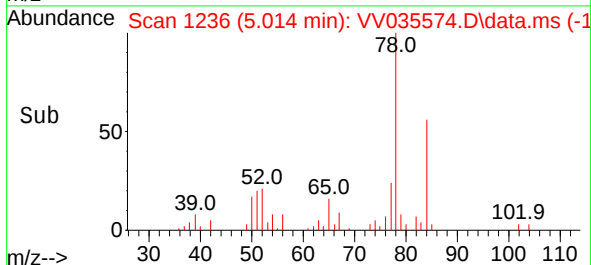
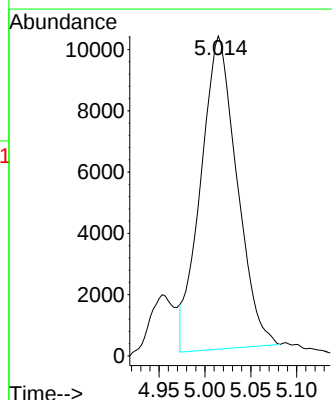
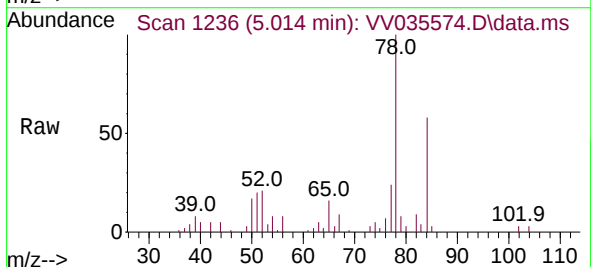
Instrument :
MSVOA_V
ClientSampleId :

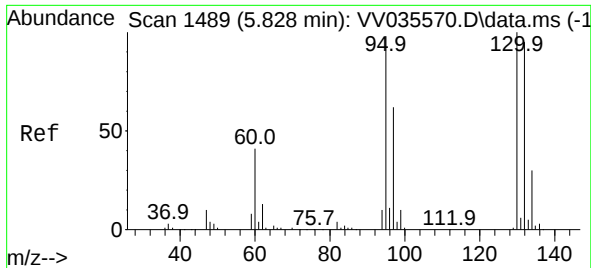
Tgt Ion:117 Resp: 11288
Ion Ratio Lower Upper
117 100
119 90.0 76.5 114.7



#33
Benzene
Concen: 2.299 ug/L
RT: 5.014 min Scan# 1236
Delta R.T. 0.010 min
Lab File: VV035574.D
Acq: 10 May 2024 11:16

Tgt Ion: 78 Resp: 28052

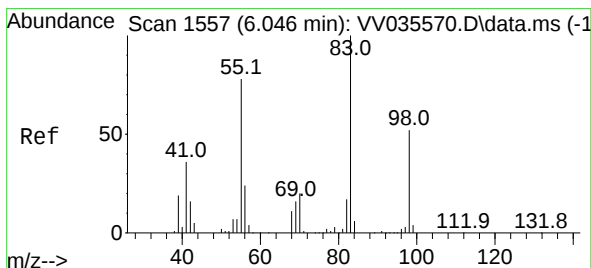
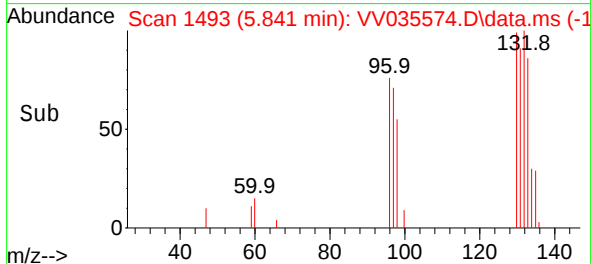
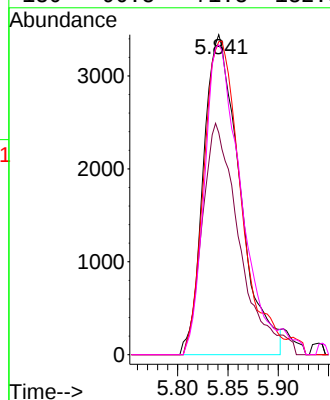
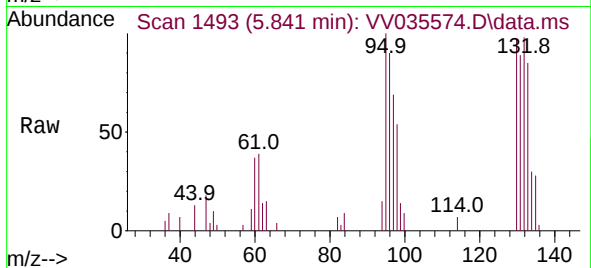




#34
Trichloroethene
Concen: 2.669 ug/L
RT: 5.841 min Scan# 1489
Delta R.T. 0.013 min
Lab File: VV035574.D
Acq: 10 May 2024 11:16

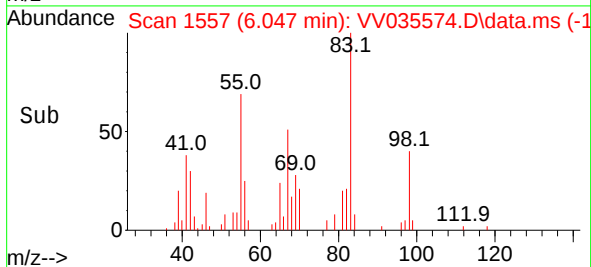
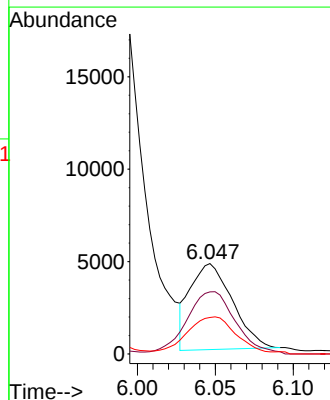
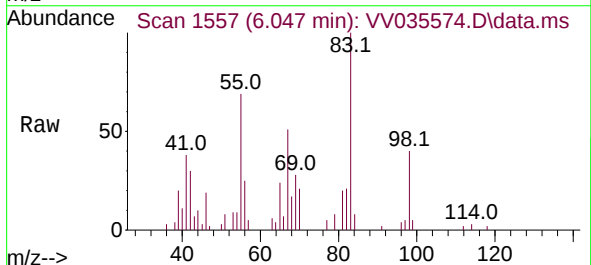
Instrument :
MSVOA_V
ClientSampleId :

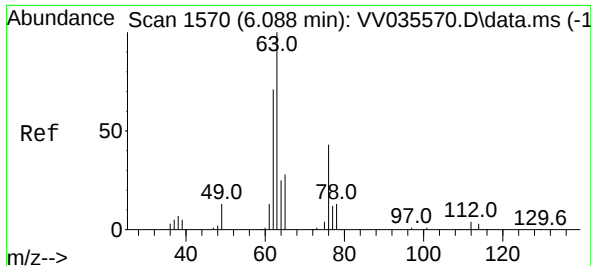
Tgt Ion: 95	Resp: 8666
Ion Ratio	Lower Upper
95	100
97	69.4 45.1 83.9
132	97.8 69.4 128.8
130	96.8 71.3 132.3



#35
Methylcyclohexane
Concen: 1.918 ug/L
RT: 6.047 min Scan# 1557
Delta R.T. 0.000 min
Lab File: VV035574.D
Acq: 10 May 2024 11:16

Tgt Ion: 83	Resp: 8785
Ion Ratio	Lower Upper
83	100
55	83.3 57.5 86.3
98	46.4 38.9 58.3

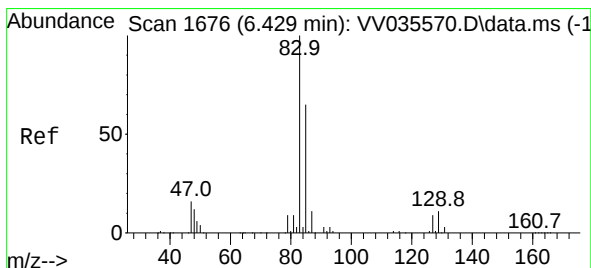
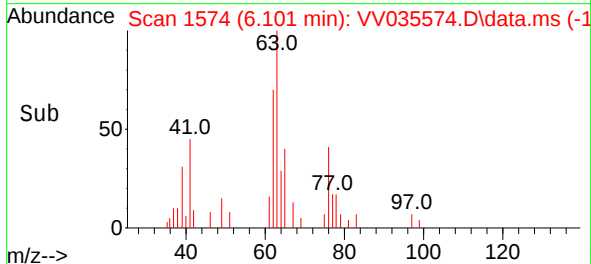
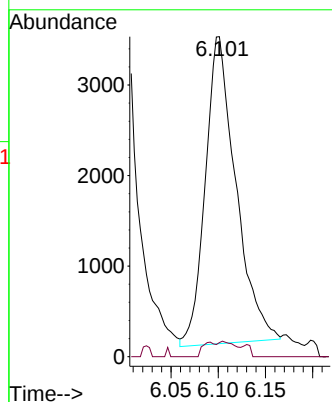
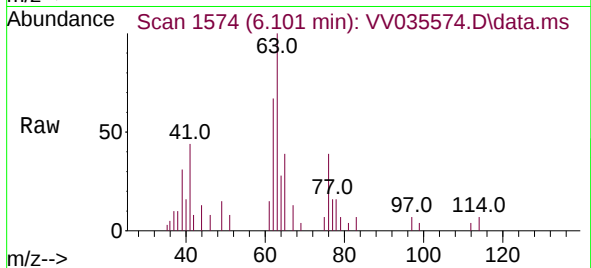




#37
1,2-Dichloropropane
Concen: 2.271 ug/L
RT: 6.101 min Scan# 1570
Delta R.T. 0.013 min
Lab File: VV035574.D
Acq: 10 May 2024 11:16

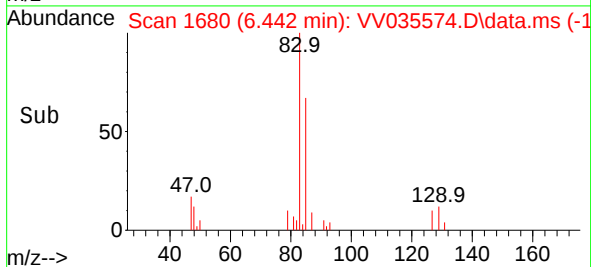
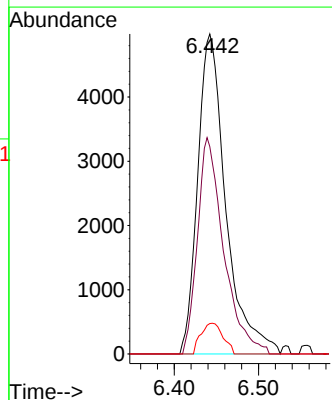
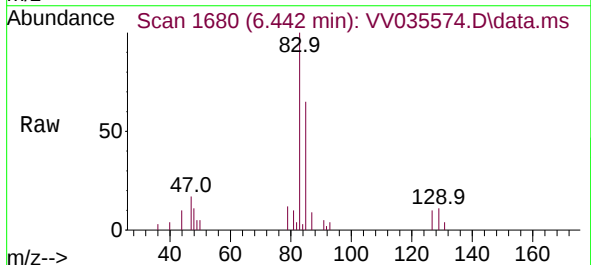
Instrument :
MSVOA_V
ClientSampleId :

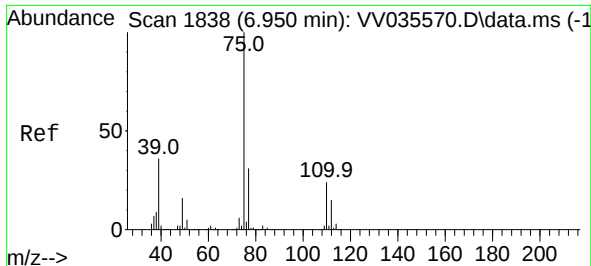
Tgt Ion: 63 Resp: 7613
Ion Ratio Lower Upper
63 100
112 2.8 3.4 5.2#



#38
Bromodichloromethane
Concen: 2.504 ug/L
RT: 6.442 min Scan# 1680
Delta R.T. 0.013 min
Lab File: VV035574.D
Acq: 10 May 2024 11:16

Tgt Ion: 83 Resp: 11548
Ion Ratio Lower Upper
83 100
85 64.8 45.1 83.9
127 9.5 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 2.029 ug/L

RT: 6.966 min Scan# 11

Delta R.T. 0.016 min

Lab File: VV035574.D

Acq: 10 May 2024 11:16

Instrument :

MSVOA_V

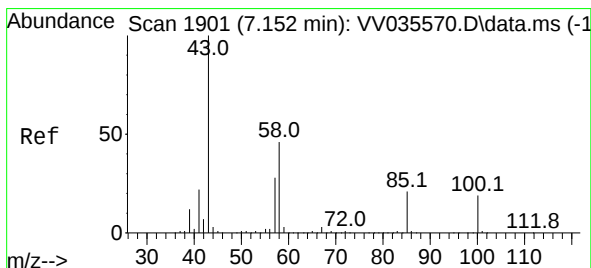
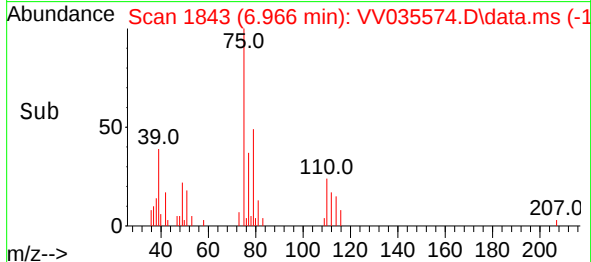
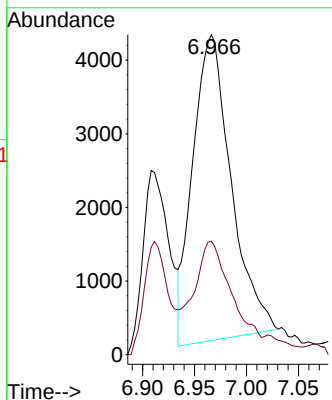
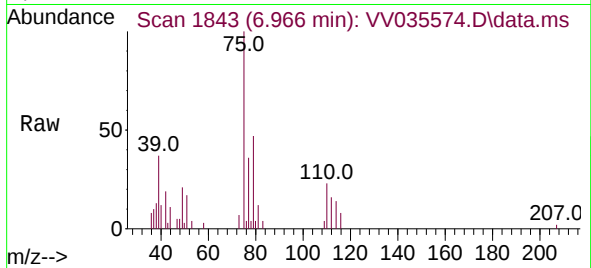
ClientSampleId :

Tgt Ion: 75 Resp: 10678

Ion Ratio Lower Upper

75 100

77 35.5 22.3 41.3



#40

4-Methyl-2-pentanone

Concen: 3.681 ug/L

RT: 7.165 min Scan# 1905

Delta R.T. 0.013 min

Lab File: VV035574.D

Acq: 10 May 2024 11:16

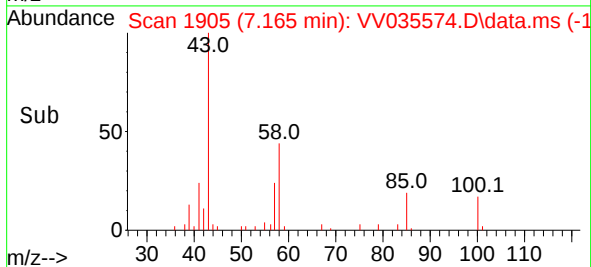
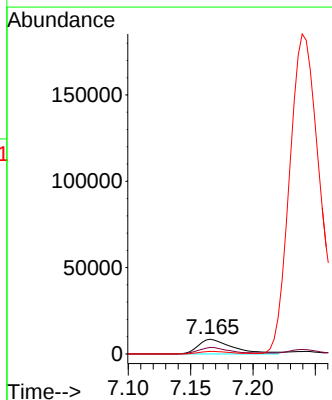
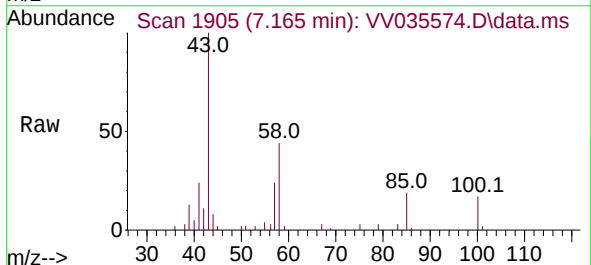
Tgt Ion: 43 Resp: 16473

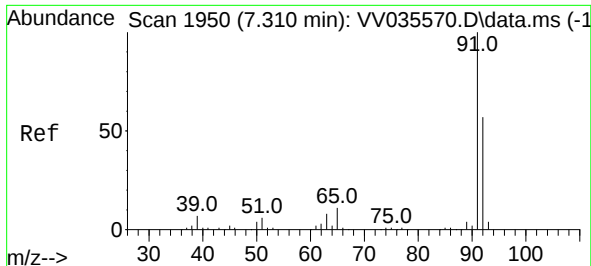
Ion Ratio Lower Upper

43 100

58 41.6 36.1 54.1

100 15.9 15.0 22.4





#42

Toluene

Concen: 2.289 ug/L

RT: 7.323 min Scan# 1954

Delta R.T. 0.013 min

Lab File: VV035574.D

Acq: 10 May 2024 11:16

Instrument :

MSVOA_V

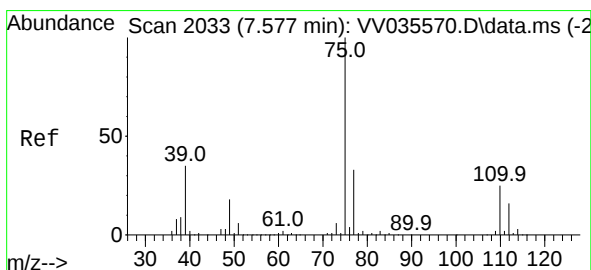
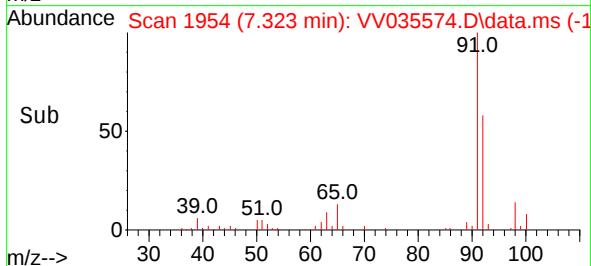
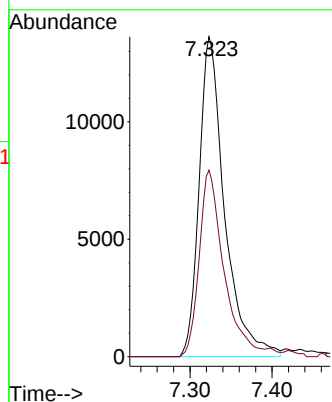
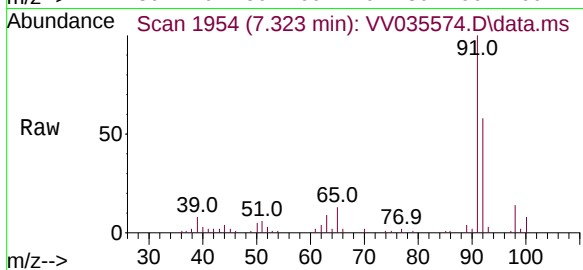
ClientSampleId :

Tgt Ion: 91 Resp: 29301

Ion Ratio Lower Upper

91 100

92 58.3 40.3 74.9



#44

trans-1,3-Dichloropropene

Concen: 2.203 ug/L

RT: 7.590 min Scan# 2037

Delta R.T. 0.013 min

Lab File: VV035574.D

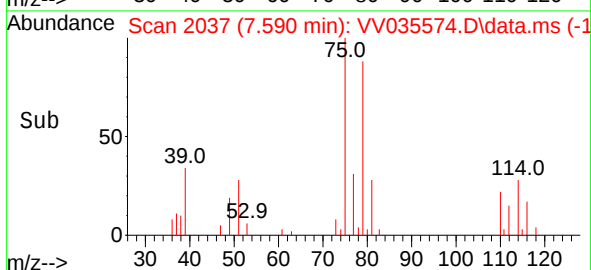
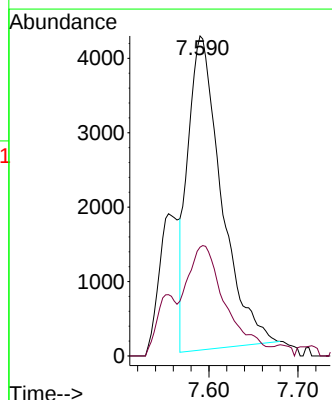
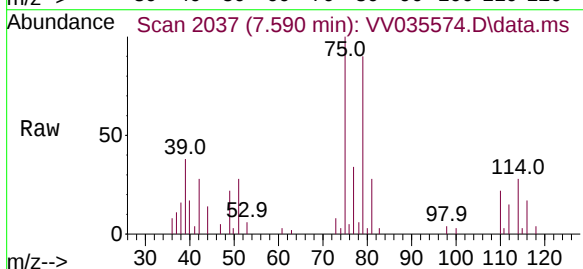
Acq: 10 May 2024 11:16

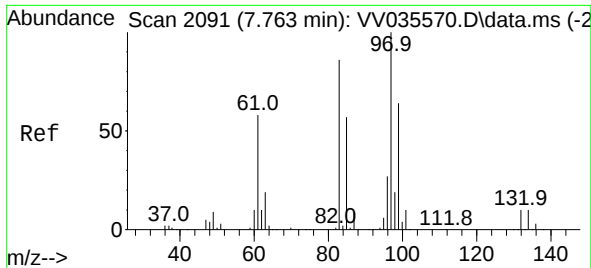
Tgt Ion: 75 Resp: 11013

Ion Ratio Lower Upper

75 100

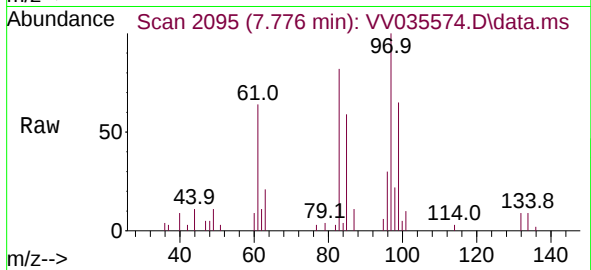
77 34.0 22.4 41.6



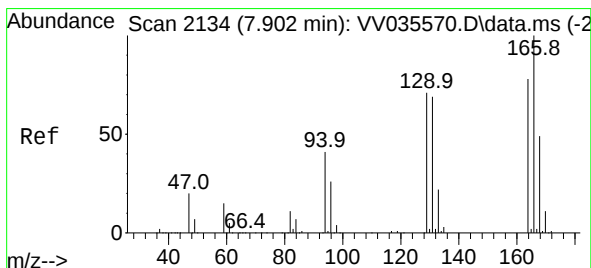
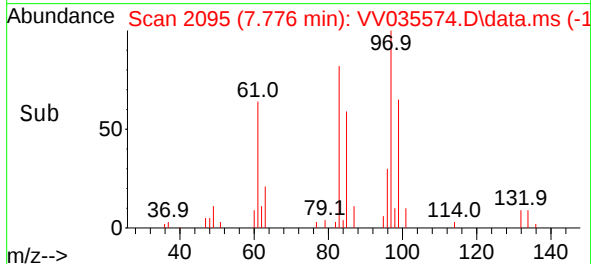
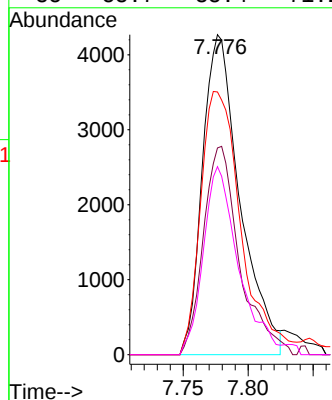


#45
1,1,2-Trichloroethane
Concen: 2.395 ug/L
RT: 7.776 min Scan# 2095
Delta R.T. 0.013 min
Lab File: VV035574.D
Acq: 10 May 2024 11:16

Instrument :
MSVOA_V
ClientSampleId :

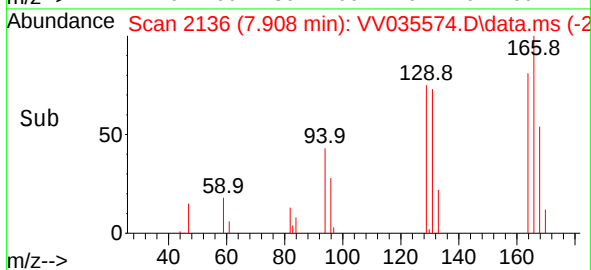
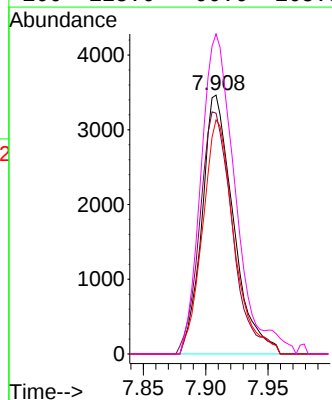
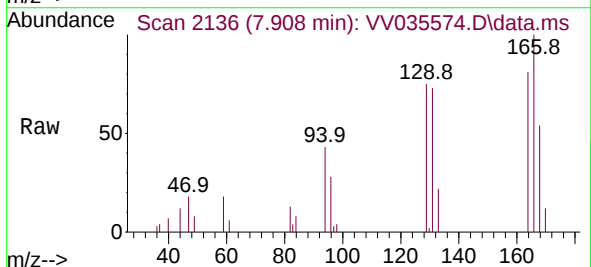


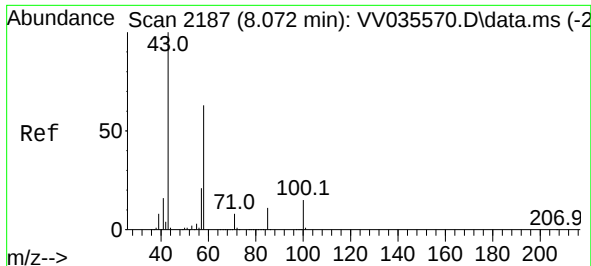
Tgt Ion:	97	Resp:	8585
Ion	Ratio	Lower	Upper
97	100		
99	64.6	44.2	82.2
83	82.1	59.3	110.1
85	58.7	38.4	71.2



#46
Tetrachloroethene
Concen: 2.318 ug/L
RT: 7.908 min Scan# 2136
Delta R.T. 0.007 min
Lab File: VV035574.D
Acq: 10 May 2024 11:16

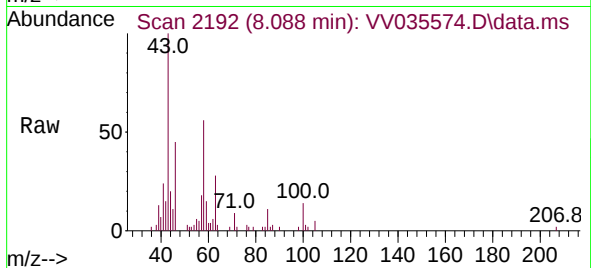
Tgt Ion:	164	Resp:	6080
Ion	Ratio	Lower	Upper
164	100		
129	93.0	64.7	120.1
131	90.4	61.5	114.1
166	123.6	90.6	168.3



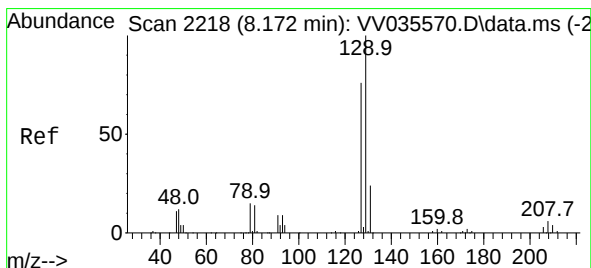
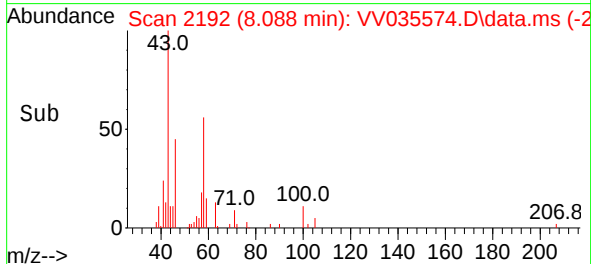
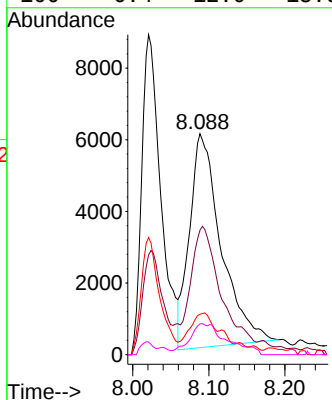


#48
2-Hexanone
Concen: 4.737 ug/L
RT: 8.088 min Scan# 2187
Delta R.T. 0.016 min
Lab File: VV035574.D
Acq: 10 May 2024 11:16

Instrument :
MSVOA_V
ClientSampleId :

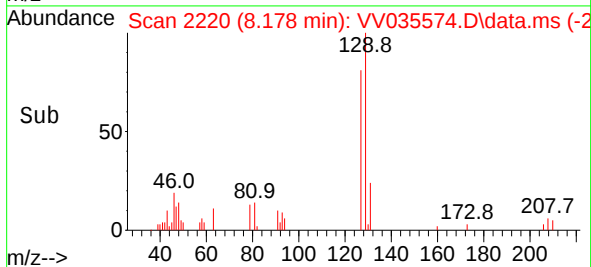
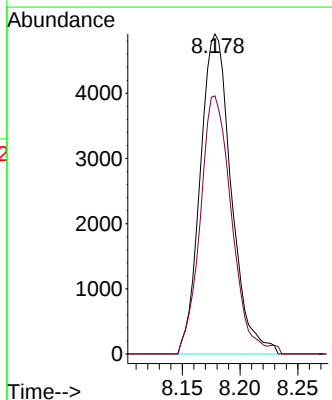
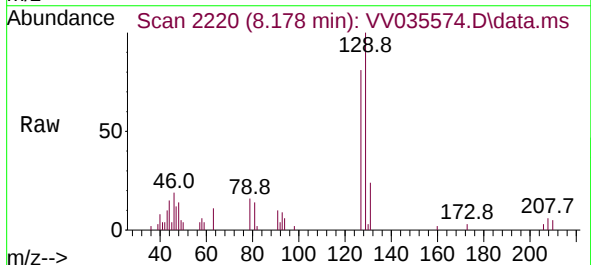


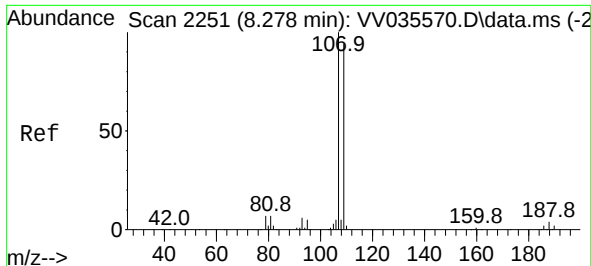
Tgt Ion: 43 Resp: 17247
Ion Ratio Lower Upper
43 100
58 39.2 50.8 76.2#
57 8.8 17.6 26.4#
100 6.4 12.0 18.0#



#49
Dibromochloromethane
Concen: 2.451 ug/L
RT: 8.178 min Scan# 2220
Delta R.T. 0.007 min
Lab File: VV035574.D
Acq: 10 May 2024 11:16

Tgt Ion: 129 Resp: 9197
Ion Ratio Lower Upper
129 100
127 80.7 54.3 100.8

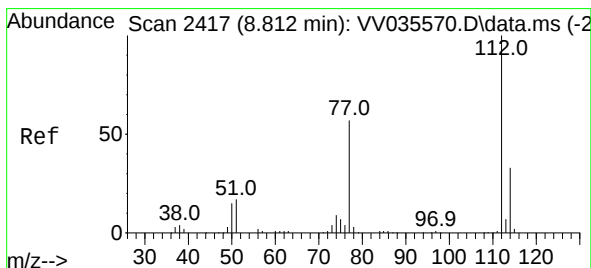
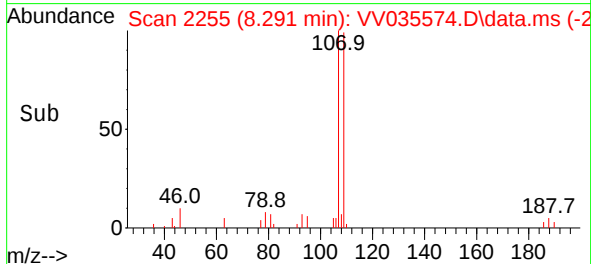
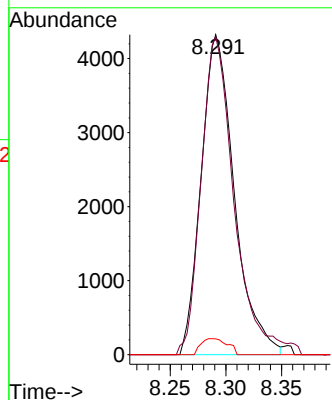
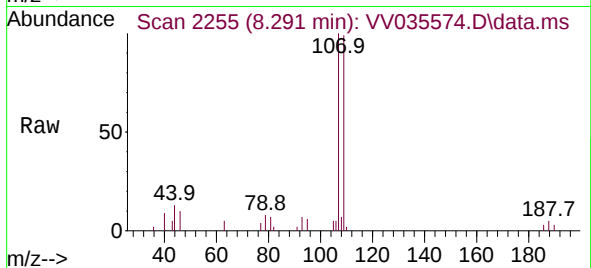




#50
1,2-Dibromoethane
Concen: 2.389 ug/L
RT: 8.291 min Scan# 21
Delta R.T. 0.013 min
Lab File: VV035574.D
Acq: 10 May 2024 11:16

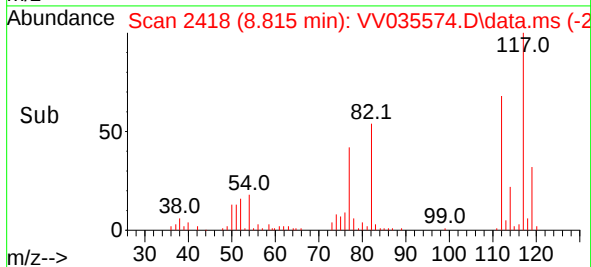
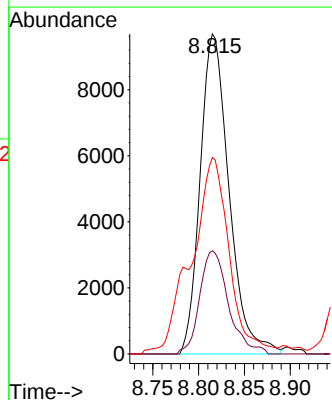
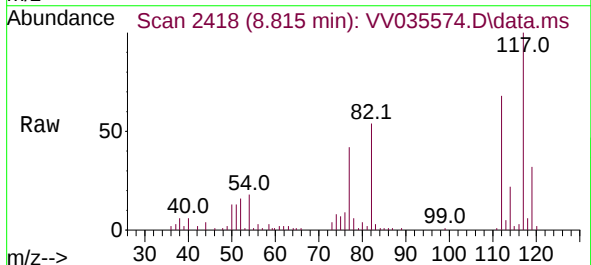
Instrument :
MSVOA_V
ClientSampleId :

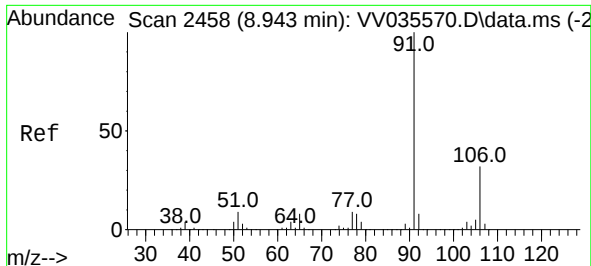
Tgt Ion:107 Resp: 8950
Ion Ratio Lower Upper
107 100
109 99.3 65.7 122.1
188 5.0 3.1 4.7#



#51
Chlorobenzene
Concen: 2.388 ug/L
RT: 8.815 min Scan# 2418
Delta R.T. 0.003 min
Lab File: VV035574.D
Acq: 10 May 2024 11:16

Tgt Ion:112 Resp: 21220
Ion Ratio Lower Upper
112 100
114 32.2 22.4 41.6
77 61.4 45.9 68.9





#52

Ethylbenzene

Concen: 2.079 ug/L

RT: 8.953 min Scan# 2458

Delta R.T. 0.010 min

Lab File: VV035574.D

Acq: 10 May 2024 11:16

Instrument :

MSVOA_V

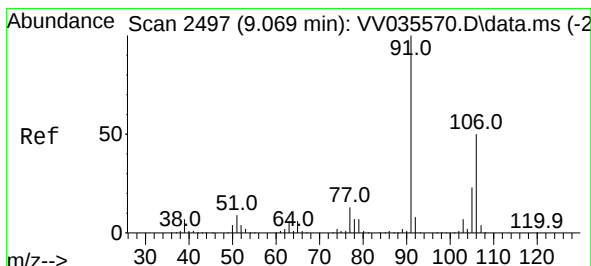
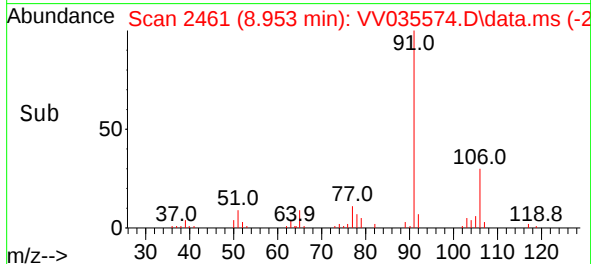
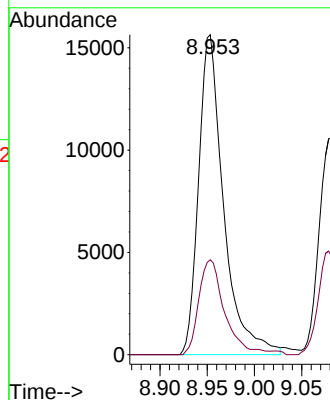
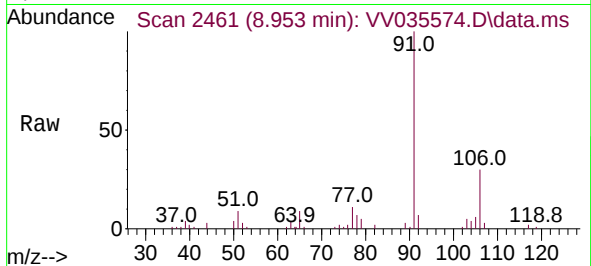
ClientSampleId :

Tgt Ion: 91 Resp: 28742

Ion Ratio Lower Upper

91 100

106 29.6 21.6 40.0



#53

m,p-Xylene

Concen: 1.964 ug/L

RT: 9.079 min Scan# 2500

Delta R.T. 0.010 min

Lab File: VV035574.D

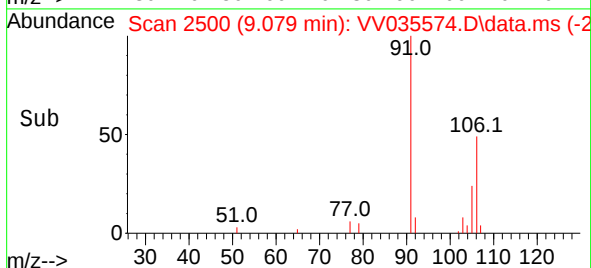
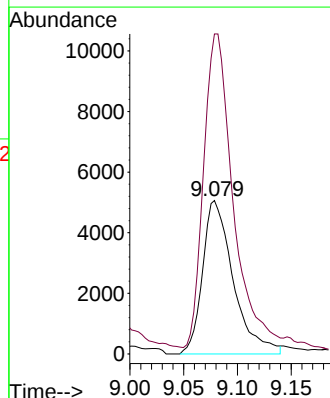
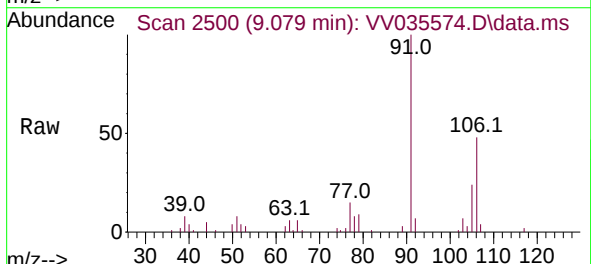
Acq: 10 May 2024 11:16

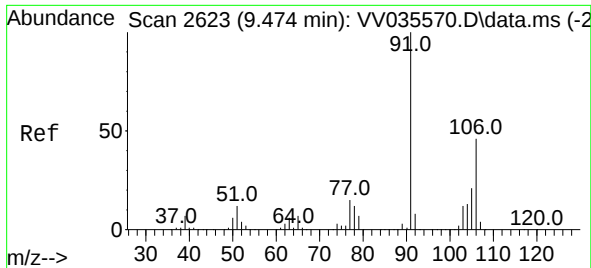
Tgt Ion:106 Resp: 10074

Ion Ratio Lower Upper

106 100

91 208.6 144.8 268.8

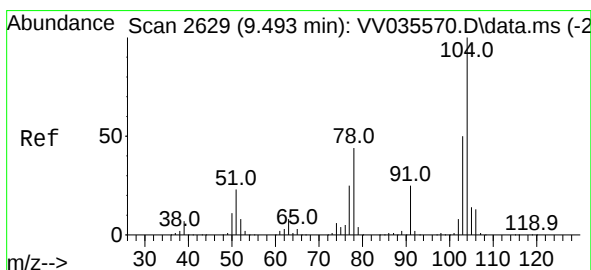
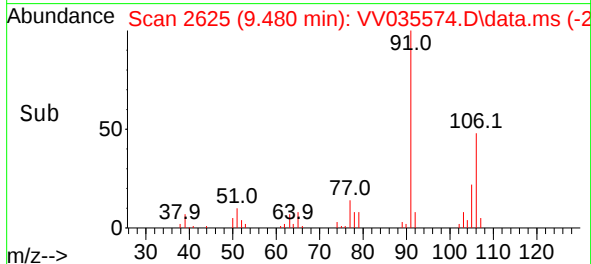
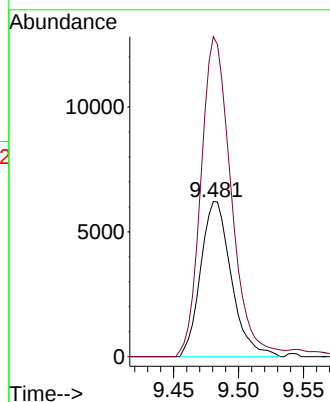
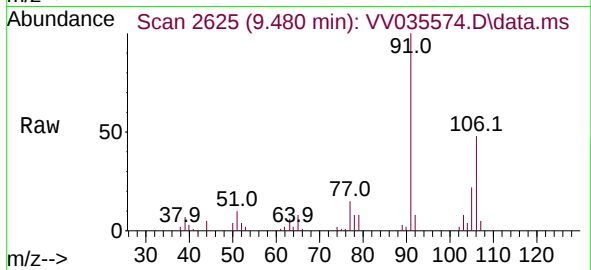




#54
o-Xylene
Concen: 1.975 ug/L
RT: 9.480 min Scan# 2623
Delta R.T. 0.007 min
Lab File: VV035574.D
Acq: 10 May 2024 11:16

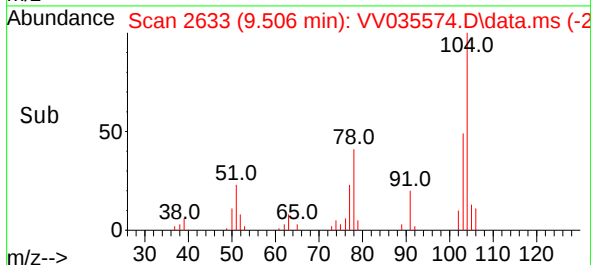
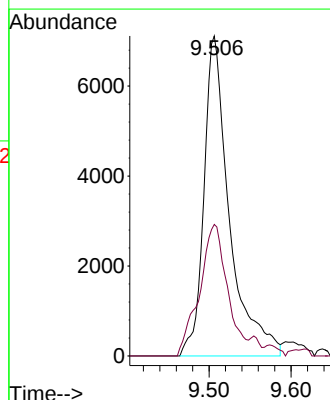
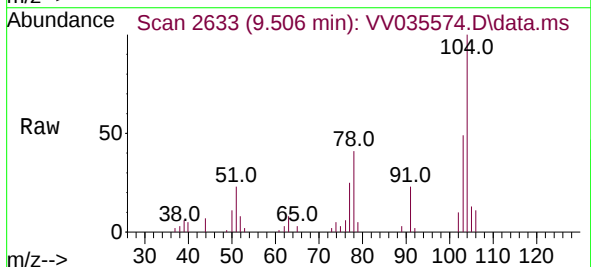
Instrument :
MSVOA_V
ClientSampleId :

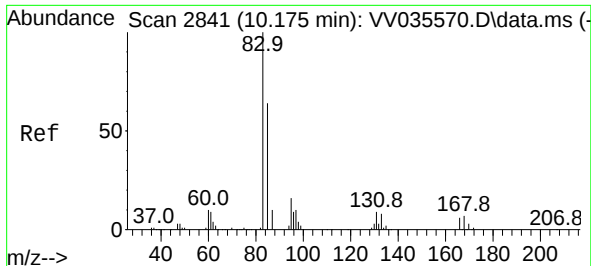
Tgt Ion:106 Resp: 10207
Ion Ratio Lower Upper
106 100
91 206.3 149.9 278.3



#55
Styrene
Concen: 1.721 ug/L
RT: 9.506 min Scan# 2633
Delta R.T. 0.013 min
Lab File: VV035574.D
Acq: 10 May 2024 11:16

Tgt Ion:104 Resp: 15377
Ion Ratio Lower Upper
104 100
78 41.1 29.9 55.5

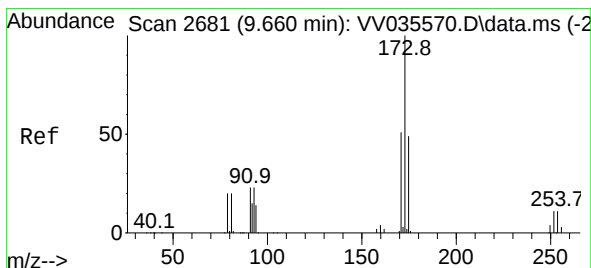
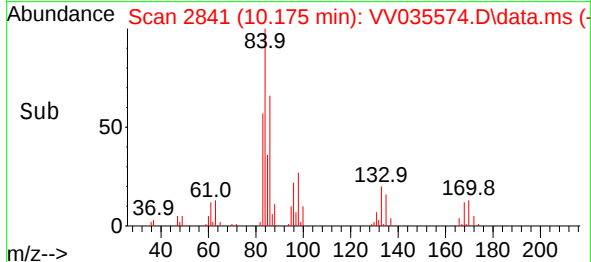
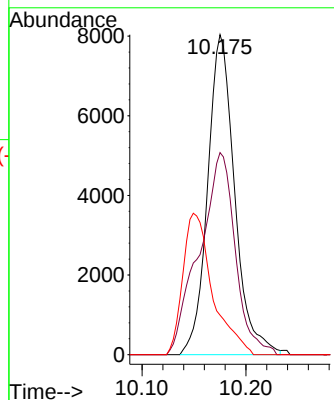
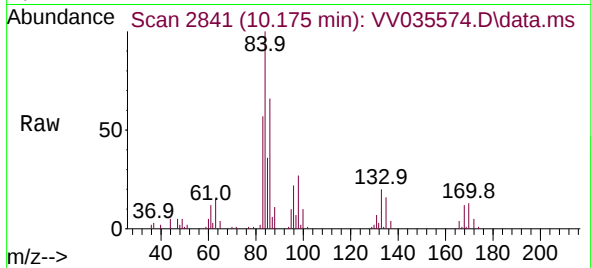




#57
1,1,2,2-Tetrachloroethane
Concen: 2.370 ug/L
RT: 10.175 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV035574.D
Acq: 10 May 2024 11:16

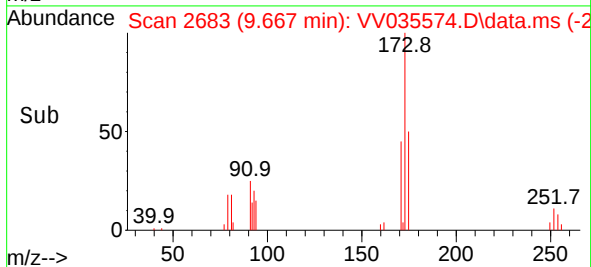
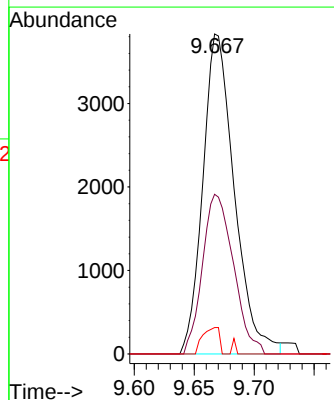
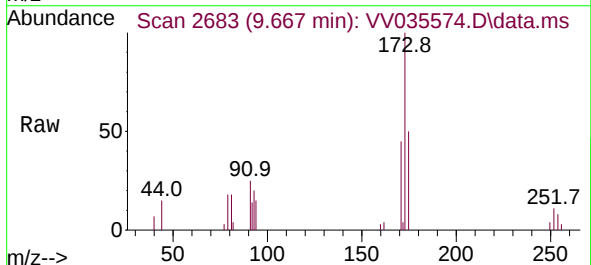
Instrument :
MSVOA_V
ClientSampleId :

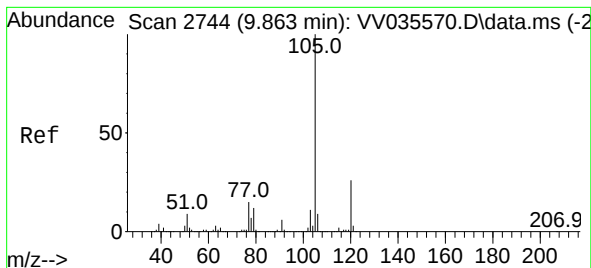
Tgt Ion: 83 Resp: 14536
Ion Ratio Lower Upper
83 100
85 63.2 44.9 83.5
131 12.3 8.1 12.1#



#59
Bromoform
Concen: 2.722 ug/L
RT: 9.667 min Scan# 2683
Delta R.T. 0.007 min
Lab File: VV035574.D
Acq: 10 May 2024 11:16

Tgt Ion: 173 Resp: 7005
Ion Ratio Lower Upper
173 100
175 49.0 39.0 58.6
254 4.4 8.5 12.7#





#60

Isopropylbenzene

Concen: 2.162 ug/L

RT: 9.866 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV035574.D

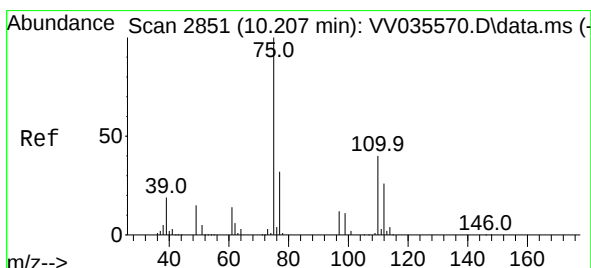
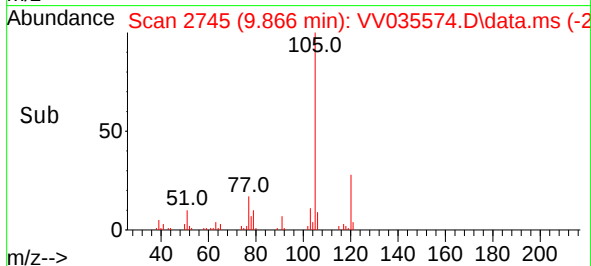
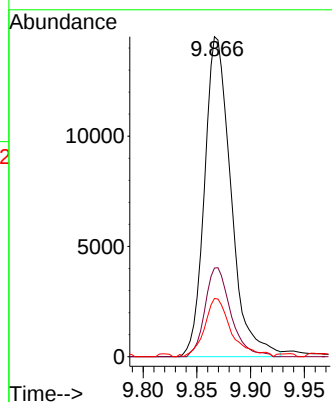
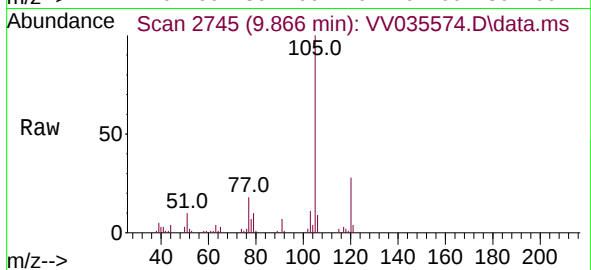
Acq: 10 May 2024 11:16

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:105	Resp:	24846
Ion Ratio	Lower	Upper
105	100	
120	27.1	21.5 32.3
77	17.9	12.3 18.5



#61

1,2,3-Trichloropropane

Concen: 2.915 ug/L

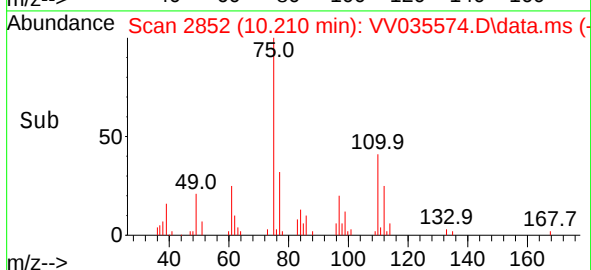
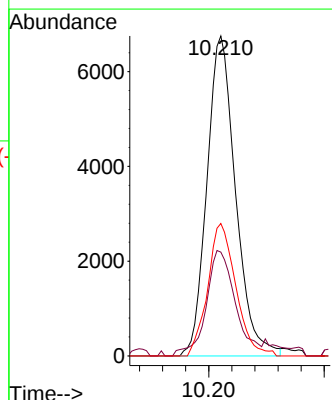
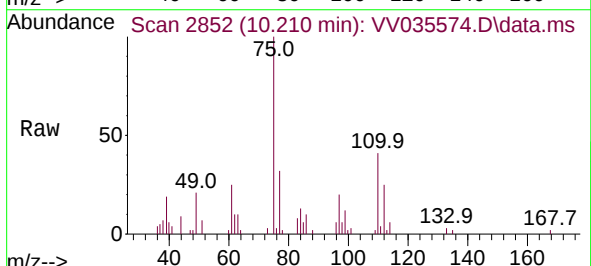
RT: 10.210 min Scan# 2852

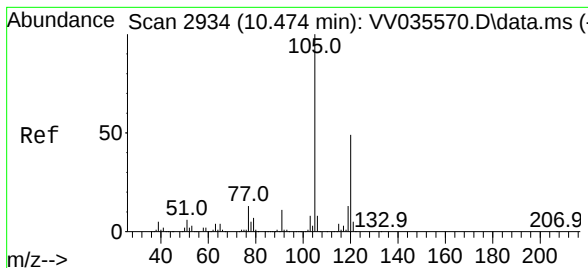
Delta R.T. 0.003 min

Lab File: VV035574.D

Acq: 10 May 2024 11:16

Tgt Ion: 75	Resp:	11639
Ion Ratio	Lower	Upper
75	100	
77	33.5	25.8 38.6
110	40.4	31.6 47.4





#62

1,3,5-Trimethylbenzene

Concen: 2.025 ug/L

RT: 10.477 min Scan# 2934

Delta R.T. 0.003 min

Lab File: VV035574.D

Acq: 10 May 2024 11:16

Instrument :

MSVOA_V

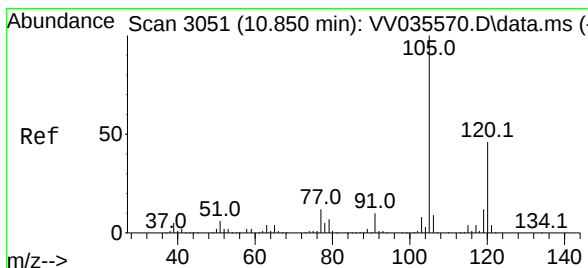
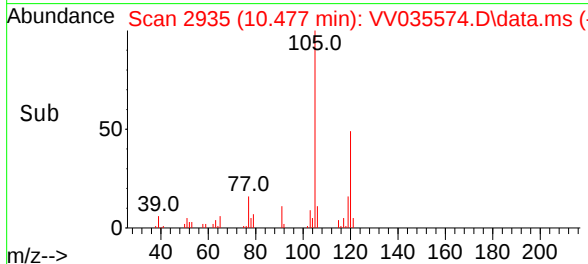
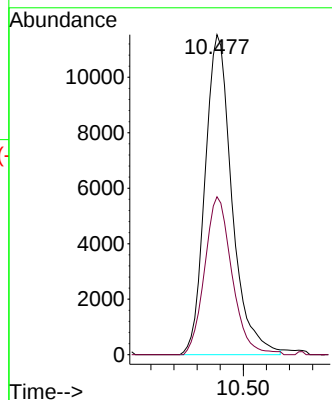
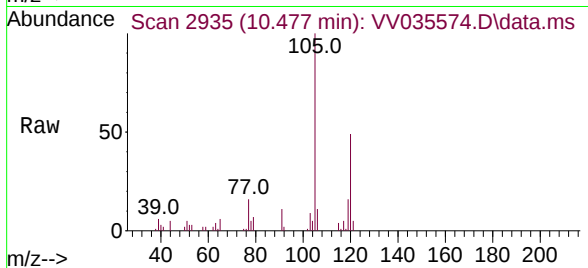
ClientSampleId :

Tgt Ion:105 Resp: 18627

Ion Ratio Lower Upper

105 100

120 50.0 39.5 59.3



#63

1,2,4-Trimethylbenzene

Concen: 1.983 ug/L

RT: 10.853 min Scan# 3052

Delta R.T. 0.003 min

Lab File: VV035574.D

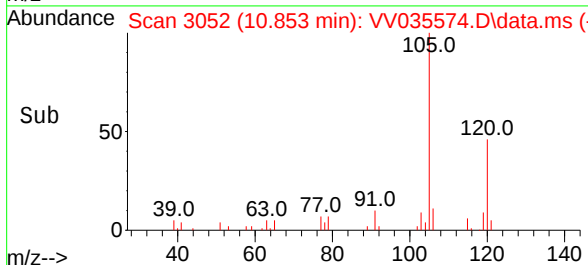
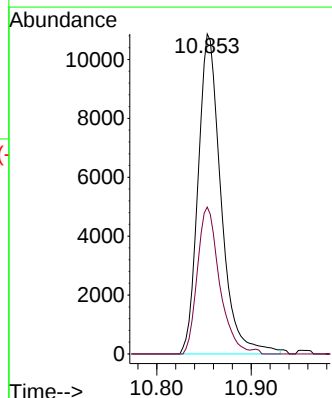
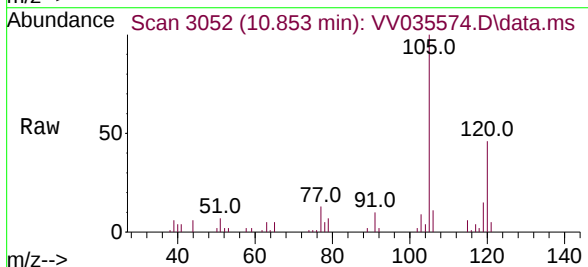
Acq: 10 May 2024 11:16

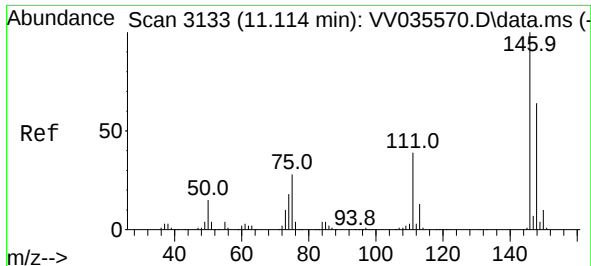
Tgt Ion:105 Resp: 18286

Ion Ratio Lower Upper

105 100

120 44.3 36.6 55.0





#64

1,3-Dichlorobenzene

Concen: 2.343 ug/L

RT: 11.124 min Scan# 3133

Delta R.T. 0.010 min

Lab File: VV035574.D

Acq: 10 May 2024 11:16

Instrument :

MSVOA_V

ClientSampleId :

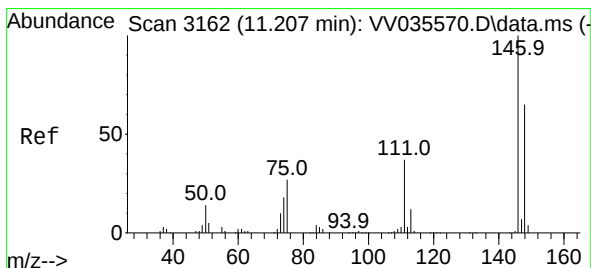
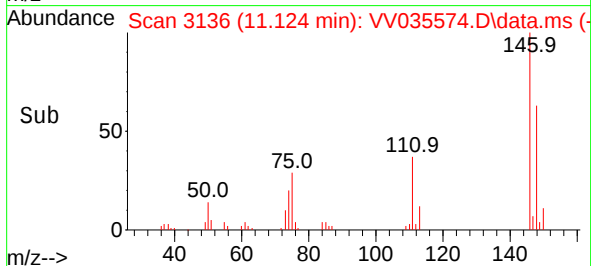
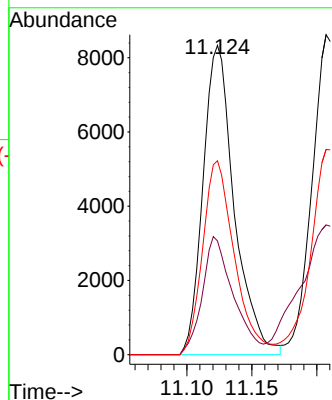
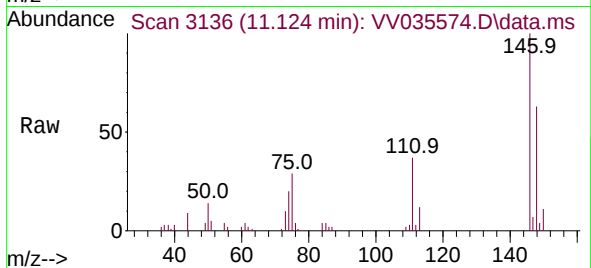
Tgt Ion:146 Resp: 13944

Ion Ratio Lower Upper

146 100

111 36.8 27.9 51.7

148 62.7 45.1 83.9



#65

1,4-Dichlorobenzene

Concen: 2.597 ug/L

RT: 11.207 min Scan# 3162

Delta R.T. 0.000 min

Lab File: VV035574.D

Acq: 10 May 2024 11:16

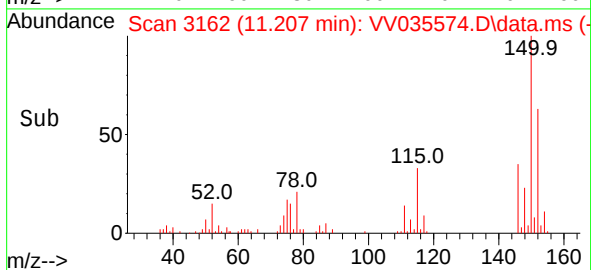
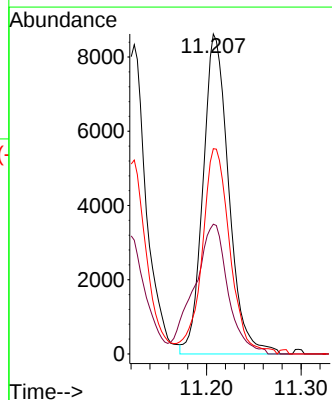
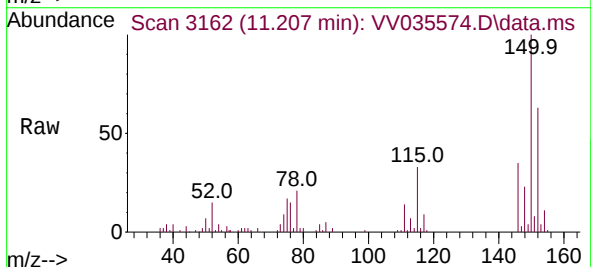
Tgt Ion:146 Resp: 16306

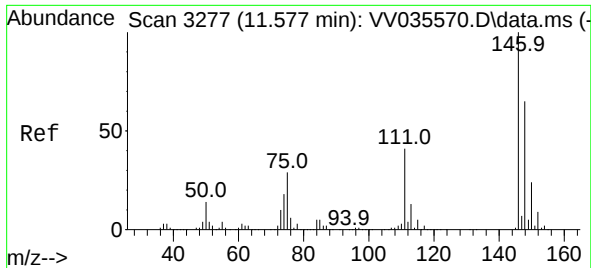
Ion Ratio Lower Upper

146 100

111 40.6 26.4 49.0

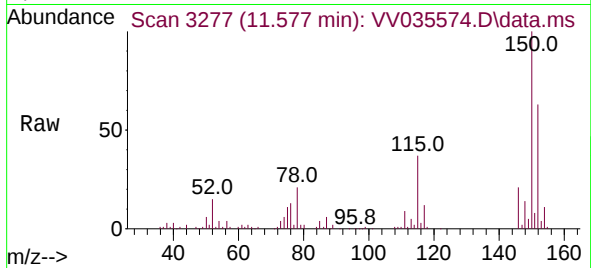
148 64.2 44.3 82.3



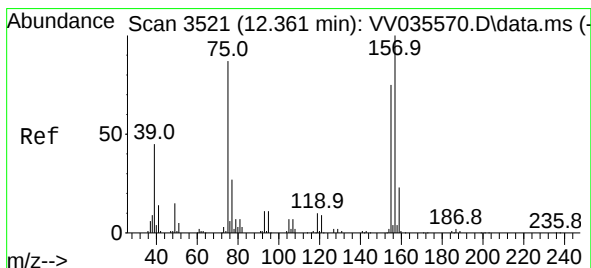
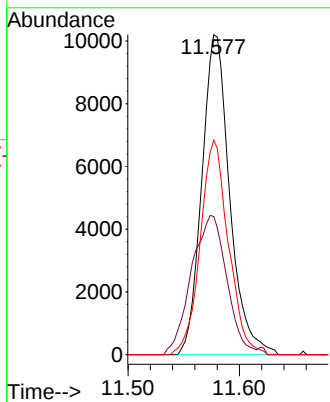
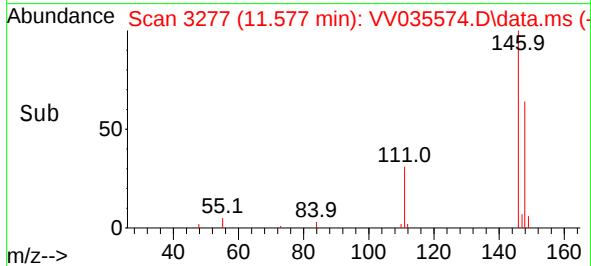


#67
1,2-Dichlorobenzene
Concen: 2.851 ug/L
RT: 11.577 min Scan# 3277
Delta R.T. 0.000 min
Lab File: VV035574.D
Acq: 10 May 2024 11:16

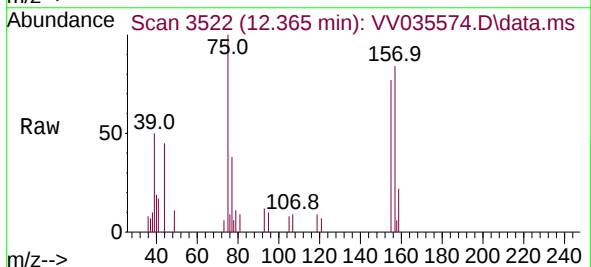
Instrument :
MSVOA_V
ClientSampleId :



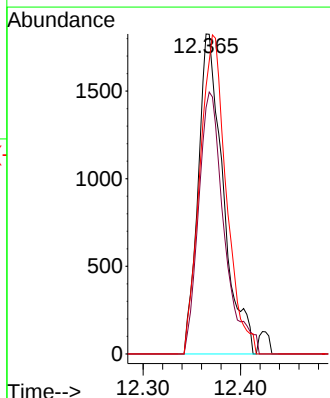
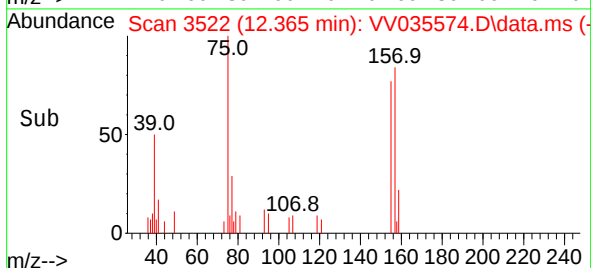
Tgt Ion:146 Resp: 17748
Ion Ratio Lower Upper
146 100
111 43.2 32.1 48.1
148 67.0 51.5 77.3

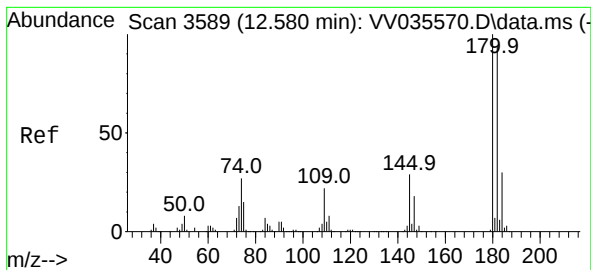


#68
1,2-Dibromo-3-chloropropane
Concen: 2.834 ug/L
RT: 12.365 min Scan# 3522
Delta R.T. 0.003 min
Lab File: VV035574.D
Acq: 10 May 2024 11:16



Tgt Ion: 75 Resp: 3332
Ion Ratio Lower Upper
75 100
155 76.9 71.4 107.2
157 83.5 95.0 142.4#





#69

1,3,5-Trichlorobenzene

Concen: 2.368 ug/L

RT: 12.583 min Scan# 3590

Delta R.T. 0.003 min

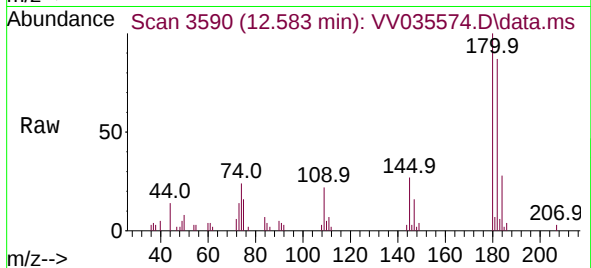
Lab File: VV035574.D

Acq: 10 May 2024 11:16

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 10696

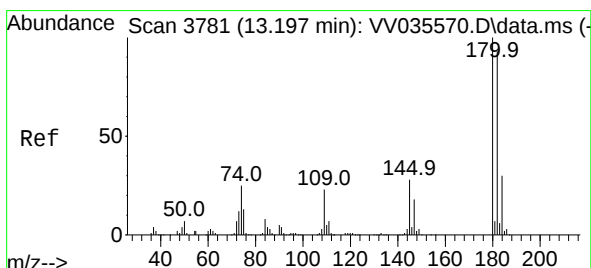
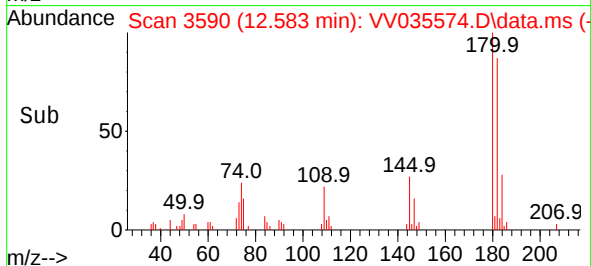
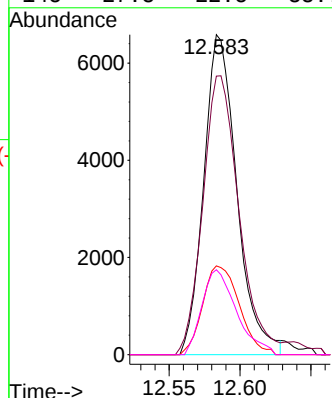
Ion Ratio Lower Upper

180 100

182 95.0 75.7 113.5

184 30.4 24.1 36.1

145 27.8 22.5 33.7



#70

1,2,4-trichlorobenzene

Concen: 2.364 ug/L

RT: 13.204 min Scan# 3783

Delta R.T. 0.007 min

Lab File: VV035574.D

Acq: 10 May 2024 11:16

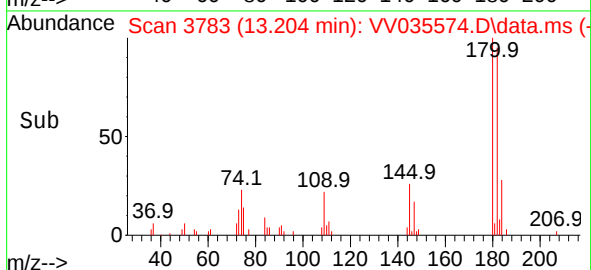
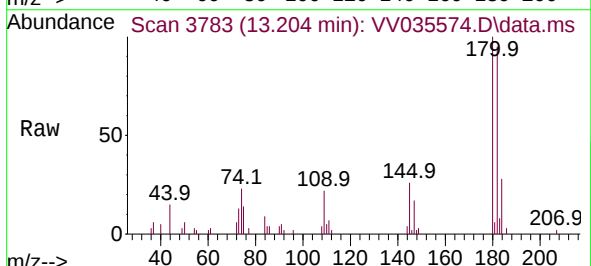
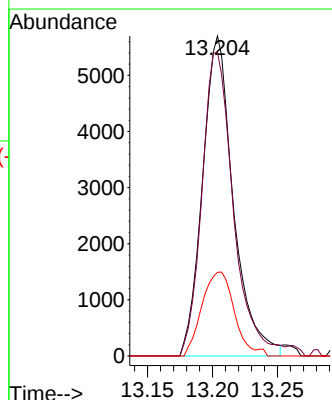
Tgt Ion:180 Resp: 9406

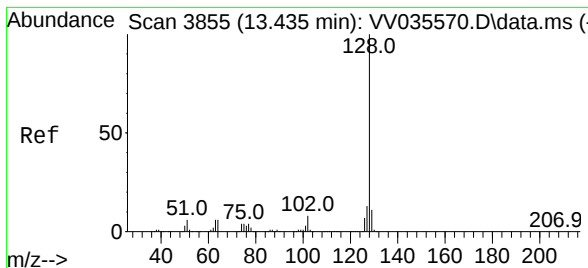
Ion Ratio Lower Upper

180 100

182 96.6 75.7 113.5

145 27.1 23.0 34.4





#71

Naphthalene

Concen: 1.967 ug/L

RT: 13.445 min Scan# 3855

Delta R.T. 0.010 min

Lab File: VV035574.D

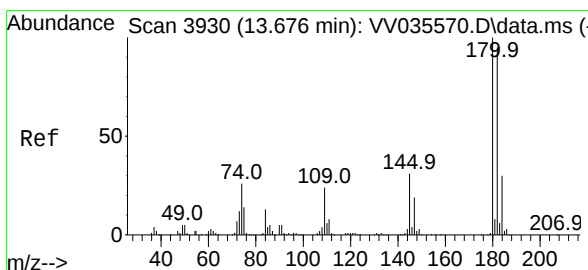
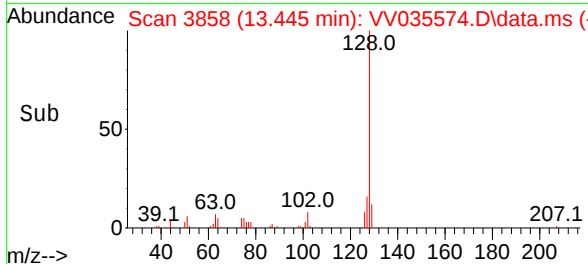
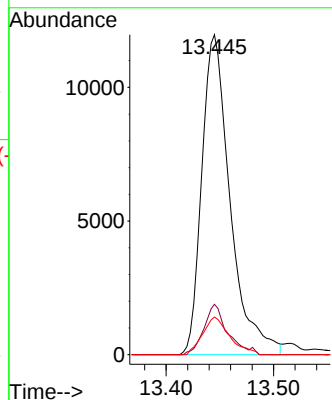
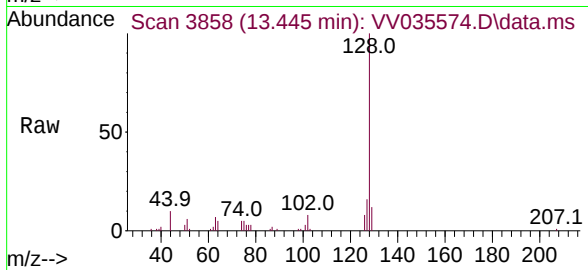
Acq: 10 May 2024 11:16

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	128	Resp:	21933
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.2	15.4
129	11.2	8.7	13.1



#72

1,2,3-Trichlorobenzene

Concen: 2.387 ug/L

RT: 13.683 min Scan# 3932

Delta R.T. 0.007 min

Lab File: VV035574.D

Acq: 10 May 2024 11:16

Tgt Ion:	180	Resp:	9858
Ion Ratio	Lower	Upper	
180	100		
182	93.4	76.2	114.2
145	31.0	24.9	37.3

