

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050124\
 Data File : VV035491.D
 Acq On : 01 May 2024 12:36
 Operator : SY/MD
 Sample : VSTD010
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 02 00:48:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050124WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu May 02 00:45:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	527336	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	515483	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	251361	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	37352	8.878	ug/L	0.00
7) Chloroethane-d5	1.529	69	28838	11.484	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.056	65	16502	9.495	ug/L	0.00
21) 2-Butanone-d5	3.822	46	47976	20.726	ug/L	0.03
24) Chloroform-d	4.249	84	68611	9.479	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.947	65	40331	9.559	ug/L	0.00
32) Benzene-d6	4.960	84	132929	9.664	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.989	67	40802	9.557	ug/L	0.00
41) Toluene-d8	7.246	98	119684	9.634	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.558	79	19122	9.534	ug/L	0.00
47) 2-Hexanone-d5	8.034	63	33324	23.595	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.153	84	63014	10.192	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.561	152	48247	10.644	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	35285	9.272	ug/L	100
3) Chloromethane	1.214	50	38917	9.976	ug/L	97
5) Vinyl chloride	1.282	62	41217	10.013	ug/L	100
6) Bromomethane	1.487	94	26789	10.914	ug/L	98
8) Chloroethane	1.545	64	25369	13.266	ug/L	98
9) Trichlorofluoromethane	1.709	101	55933	10.051	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	34685	9.922	ug/L	98
12) 1,1-Dichloroethene	2.066	96	31283	10.060	ug/L	88
13) Acetone	2.127	43	46373	18.084	ug/L	98
14) Carbon disulfide	2.236	76	83876	9.836	ug/L	99
15) Methyl Acetate	2.378	43	41100	10.288	ug/L	98
16) Methylene chloride	2.445	84	39376	9.992	ug/L	97
17) trans-1,2-Dichloroethene	2.696	96	32217	9.676	ug/L	96
18) Methyl tert-butyl Ether	2.703	73	111454	9.869	ug/L	99
19) 1,1-Dichloroethane	3.111	63	68515	9.900	ug/L	98
20) cis-1,2-Dichloroethene	3.815	96	37376	9.875	ug/L	99
22) 2-Butanone	3.899	43	39250	13.556	ug/L	97
23) Bromochloromethane	4.156	128	20877	9.899	ug/L	99
25) Chloroform	4.278	83	70985	9.911	ug/L	97
27) 1,2-Dichloroethane	5.043	62	48781	9.329	ug/L	100
29) Cyclohexane	4.580	56	43796	9.382	ug/L	97
30) 1,1,1-Trichloroethane	4.510	97	60696	10.361	ug/L	99
31) Carbon tetrachloride	4.732	117	51267	10.018	ug/L	97
33) Benzene	5.011	78	139016	10.071	ug/L	100
34) Trichloroethene	5.838	95	37404	10.068	ug/L	96
35) Methylcyclohexane	6.047	83	48564	9.092	ug/L	98
37) 1,2-Dichloropropane	6.095	63	37975	9.875	ug/L	98
38) Bromodichloromethane	6.436	83	52107	10.017	ug/L	99
39) cis-1,3-Dichloropropene	6.960	75	56778	9.821	ug/L	100
40) 4-Methyl-2-pentanone	7.162	43	94916	20.224	ug/L	99
42) Toluene	7.317	91	143139	9.936	ug/L	99
44) trans-1,3-Dichloropropene	7.587	75	52494	9.550	ug/L	96

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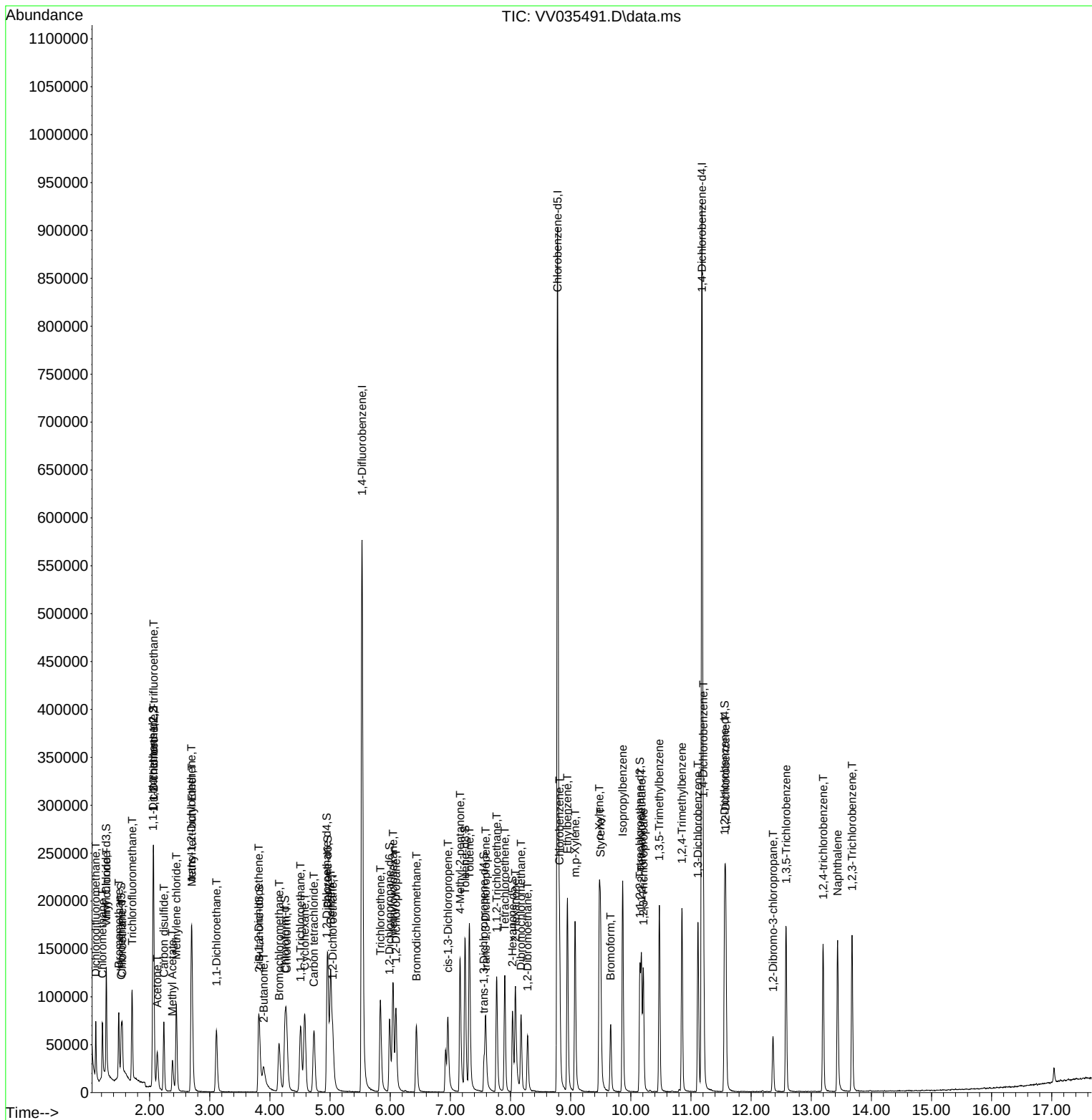
Instrument :
 MSVOA_V
 ClientSampleId :

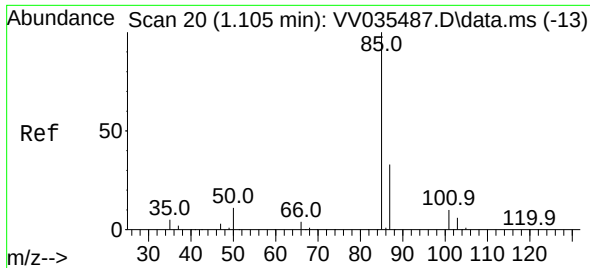
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 Quant Title : VOC Analysis
 QLast Update : Thu May 02 00:45:24 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.770	97	41086	10.162	ug/L	98
46) Tetrachloroethene	7.905	164	30006	10.277	ug/L	98
48) 2-Hexanone	8.082	43	75747	19.111	ug/L	95
49) Dibromochloromethane	8.175	129	42145	10.177	ug/L	99
50) 1,2-Dibromoethane	8.284	107	42292	10.277	ug/L	100
51) Chlorobenzene	8.815	112	101174	9.969	ug/L	99
52) Ethylbenzene	8.947	91	148205	9.432	ug/L	99
53) m,p-Xylene	9.075	106	53093	8.948	ug/L	96
54) o-Xylene	9.477	106	54296	9.306	ug/L	98
55) Styrene	9.497	104	90893	9.040	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.178	83	69679	10.488	ug/L	98
59) Bromoform	9.664	173	33381	10.890	ug/L #	97
60) Isopropylbenzene	9.866	105	144301	9.970	ug/L	98
61) 1,2,3-Trichloropropane	10.210	75	53324	11.117	ug/L	100
62) 1,3,5-Trimethylbenzene	10.474	105	107371	9.247	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	105804	9.289	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	76843	10.309	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	81100	10.347	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	82603	10.796	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.365	75	16496	14.376	ug/L	94
69) 1,3,5-Trichlorobenzene	12.583	180	56506	10.521	ug/L	97
70) 1,2,4-trichlorobenzene	13.197	180	50845	11.714	ug/L	99
71) Naphthalene	13.439	128	133362	13.266	ug/L	100
72) 1,2,3-Trichlorobenzene	13.680	180	54358	12.718	ug/L	98

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

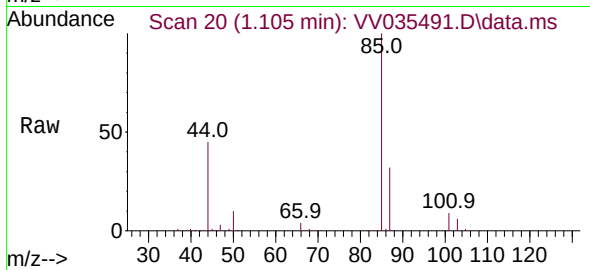
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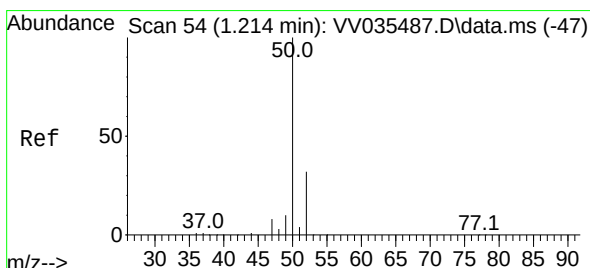
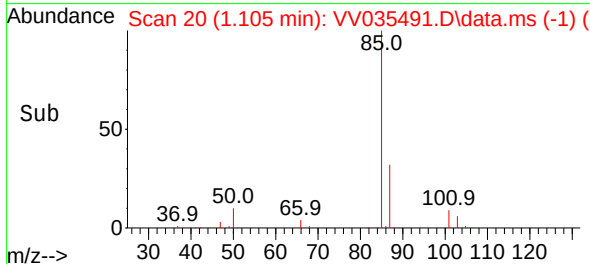
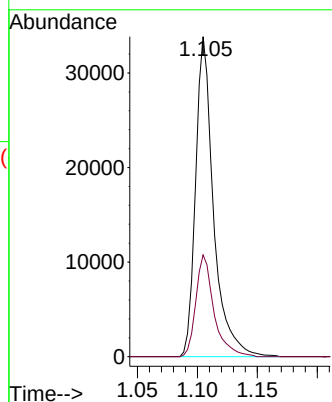


#2
 Dichlorodifluoromethane
 Concen: 9.272 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VV035491.D
 Acq: 01 May 2024 12:36

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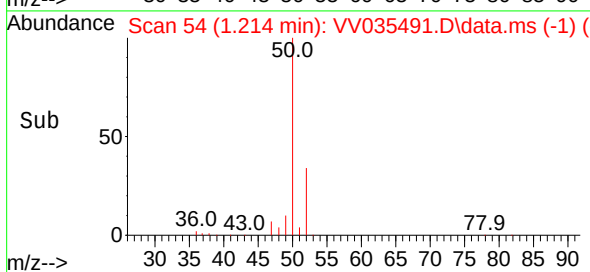
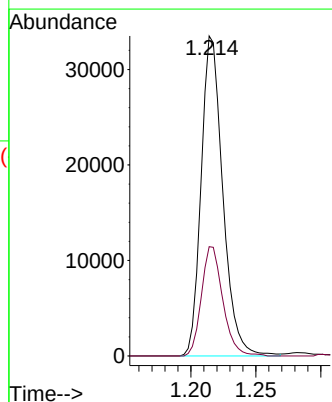
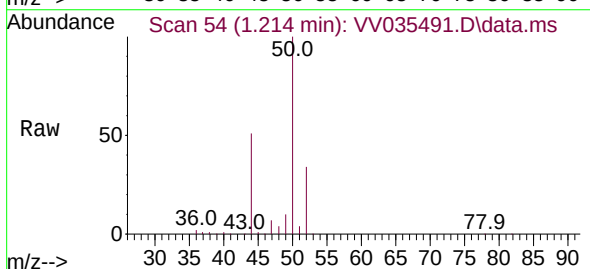


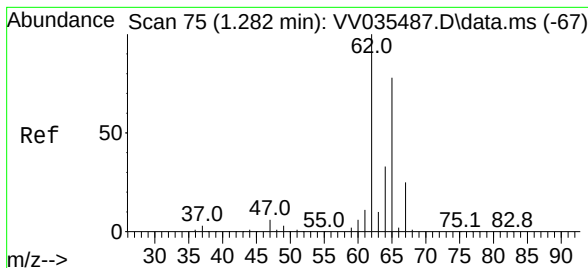
Tgt Ion: 85 Resp: 35285
 Ion Ratio Lower Upper
 85 100
 87 32.1 25.8 38.8



#3
 Chloromethane
 Concen: 9.976 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. 0.000 min
 Lab File: VV035491.D
 Acq: 01 May 2024 12:36

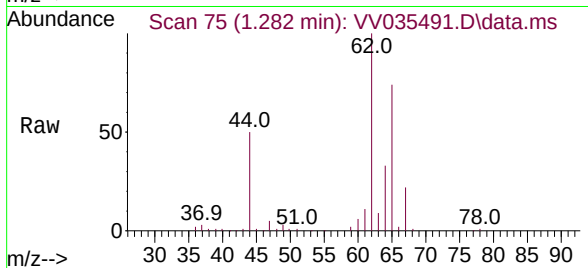
Tgt Ion: 50 Resp: 38917
 Ion Ratio Lower Upper
 50 100
 52 34.2 22.6 42.0



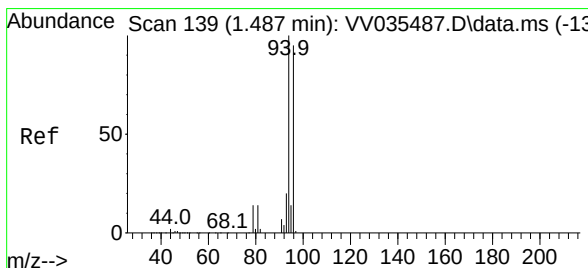
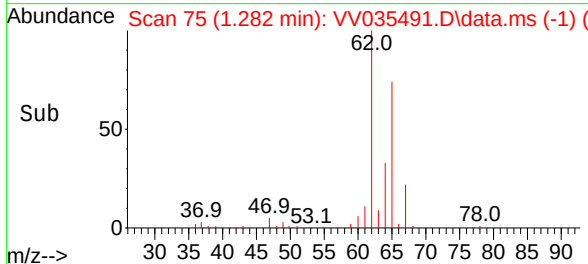
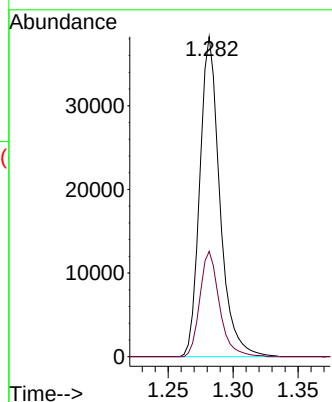


#5
 Vinyl chloride
 Concen: 10.013 ug/L
 RT: 1.282 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VV035491.D
 Acq: 01 May 2024 12:36

Instrument :
 MSVOA_V
 ClientSampleId :

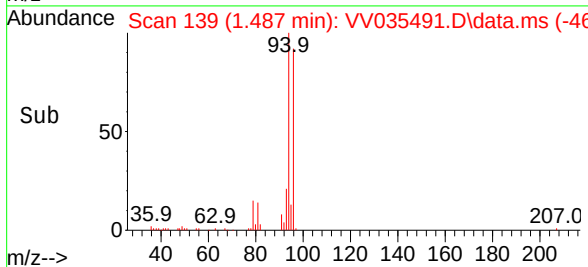
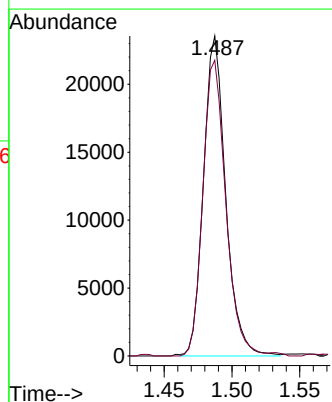
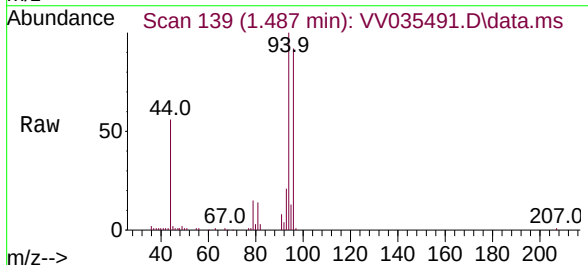


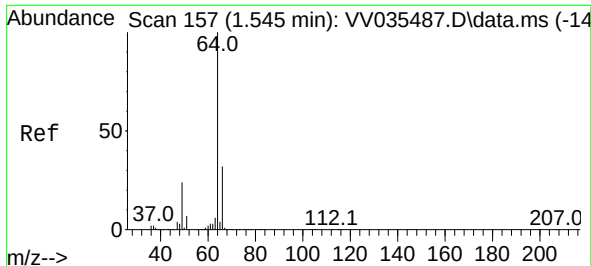
Tgt Ion: 62 Resp: 41217
 Ion Ratio Lower Upper
 62 100
 64 32.9 22.9 42.5



#6
 Bromomethane
 Concen: 10.914 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. 0.000 min
 Lab File: VV035491.D
 Acq: 01 May 2024 12:36

Tgt Ion: 94 Resp: 26789
 Ion Ratio Lower Upper
 94 100
 96 92.4 66.2 123.0

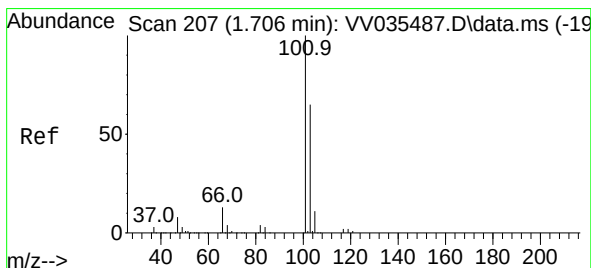
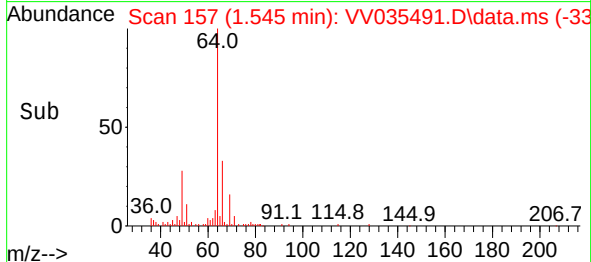
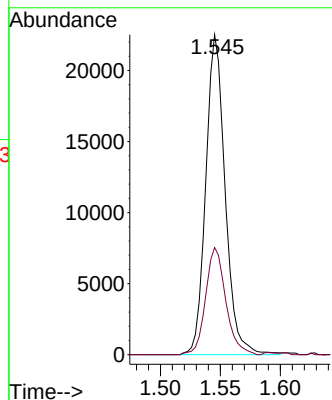
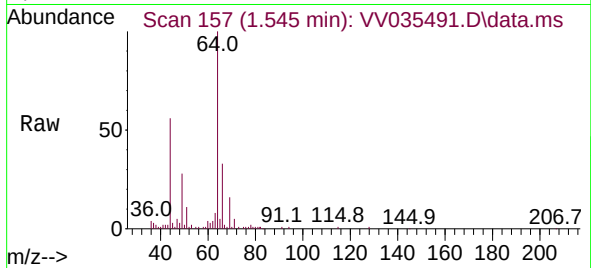




#8
Chloroethane
Concen: 13.266 ug/L
RT: 1.545 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV035491.D
Acq: 01 May 2024 12:36

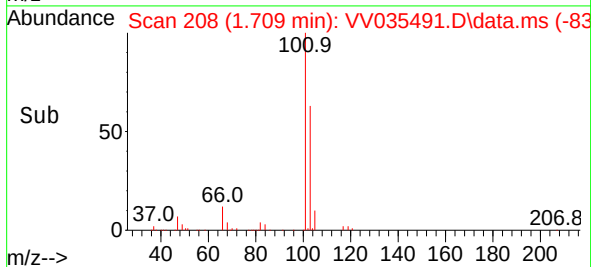
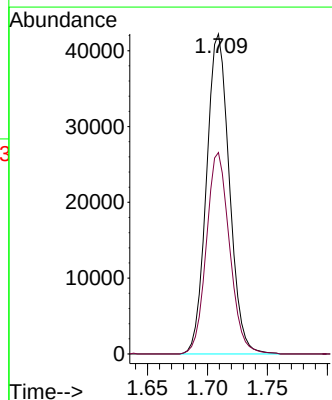
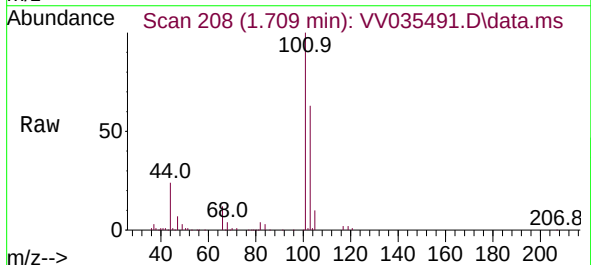
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MSVOA_V
ClientSampleId :

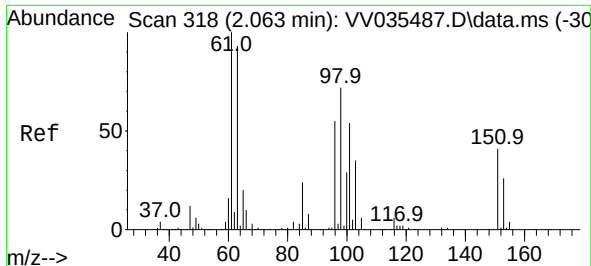
Tgt Ion: 64 Resp: 25369
Ion Ratio Lower Upper
64 100
66 33.5 22.7 42.1



#9
Trichlorofluoromethane
Concen: 10.051 ug/L
RT: 1.709 min Scan# 208
Delta R.T. 0.003 min
Lab File: VV035491.D
Acq: 01 May 2024 12:36

Tgt Ion:101 Resp: 55933
Ion Ratio Lower Upper
101 100
103 64.0 52.0 78.0





#10

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

Concen: 9.922 ug/L

RT: 2.066 min Scan# 319

Delta R.T. 0.003 min

Lab File: VV035491.D

Acq: 01 May 2024 12:36

Instrument :

MSVOA_V

ClientSampleId :

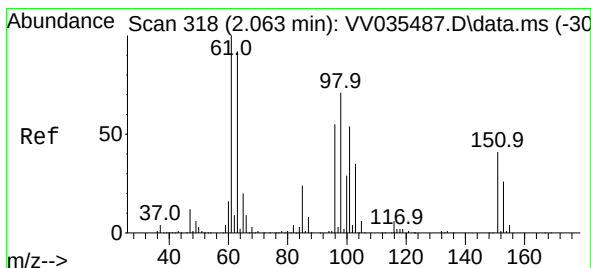
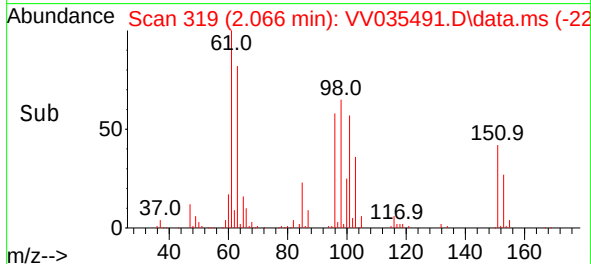
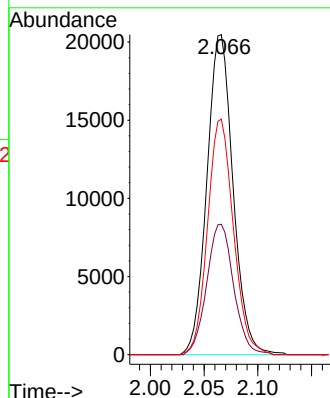
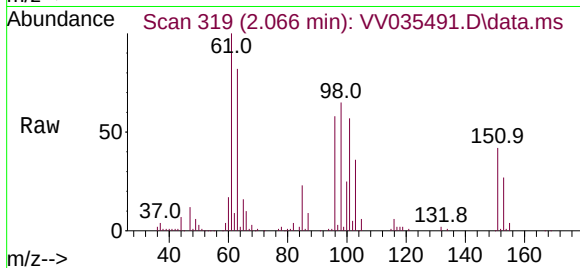
Tgt Ion:101 Resp: 34685

Ion Ratio Lower Upper

101 100

85 41.8 34.4 51.6

151 72.7 60.1 90.1



#12

1,1-Dichloroethene

Concen: 10.060 ug/L

RT: 2.066 min Scan# 319

Delta R.T. 0.003 min

Lab File: VV035491.D

Acq: 01 May 2024 12:36

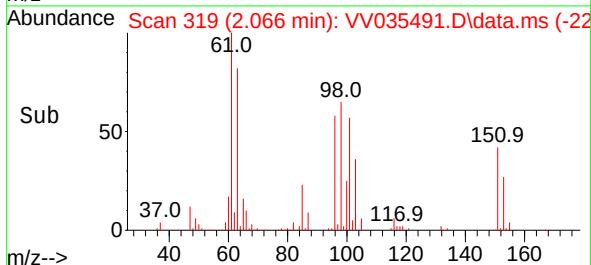
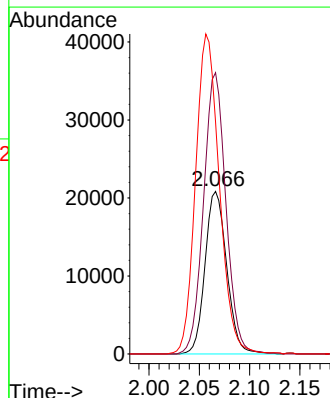
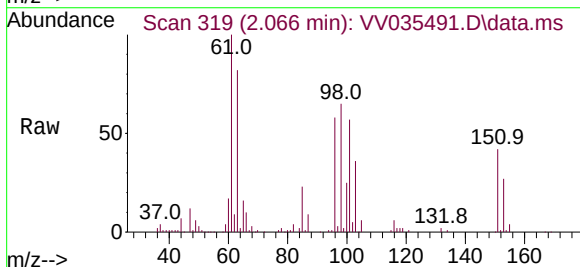
Tgt Ion: 96 Resp: 31283

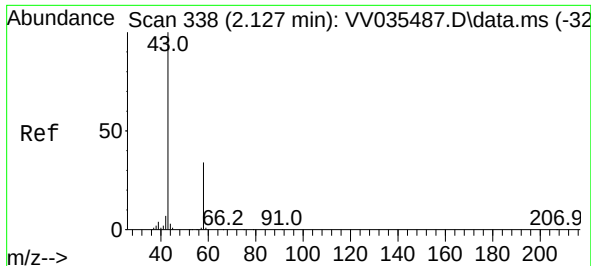
Ion Ratio Lower Upper

96 100

61 173.0 126.5 234.9

63 142.7 118.1 219.3





#13

Acetone

Concen: 18.084 ug/L

RT: 2.127 min Scan# 338

Delta R.T. 0.000 min

Lab File: VV035491.D

Acq: 01 May 2024 12:36

Instrument :

MSVOA_V

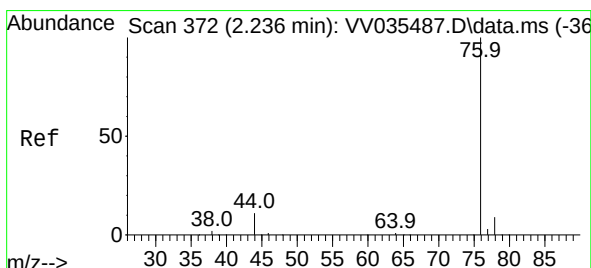
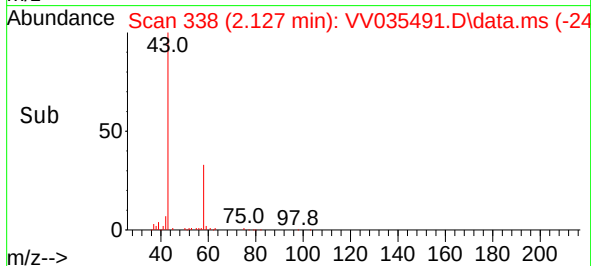
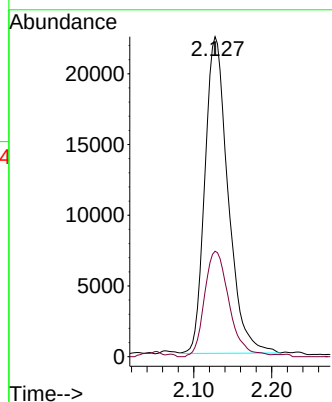
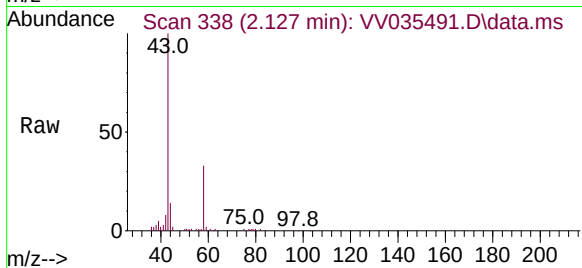
ClientSampleId :

Tgt Ion: 43 Resp: 46373

Ion Ratio Lower Upper

43 100

58 35.5 0.0 68.8



#14

Carbon disulfide

Concen: 9.836 ug/L

RT: 2.236 min Scan# 372

Delta R.T. 0.000 min

Lab File: VV035491.D

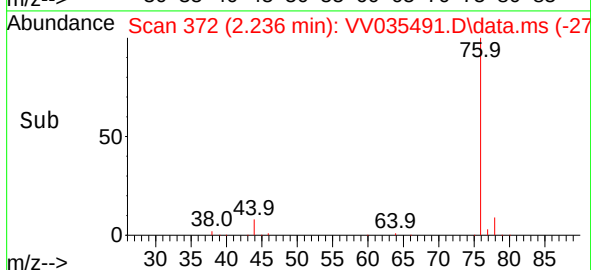
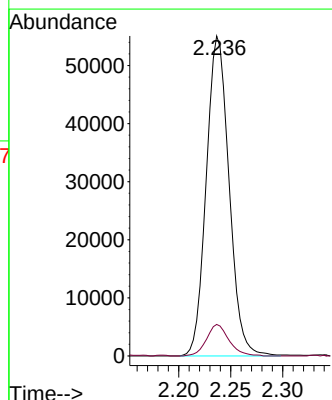
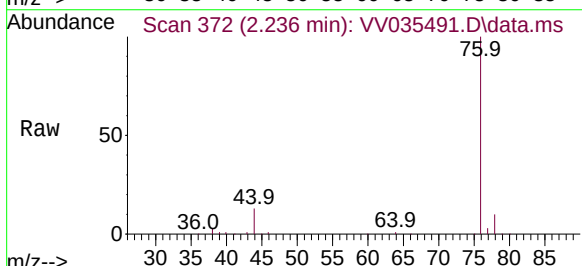
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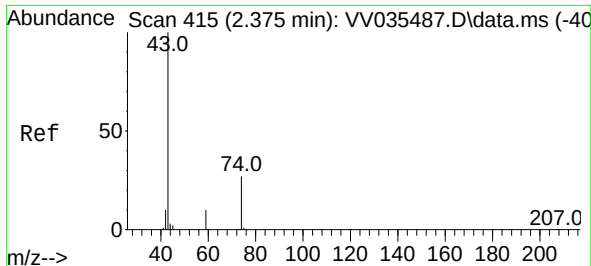
Tgt Ion: 76 Resp: 83876

Ion Ratio Lower Upper

76 100

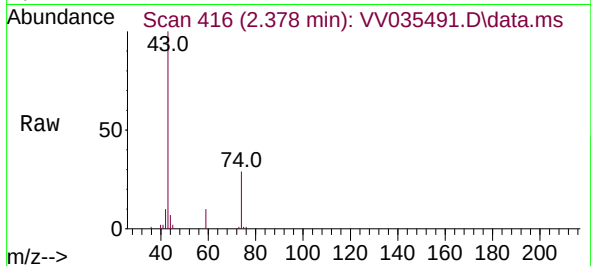
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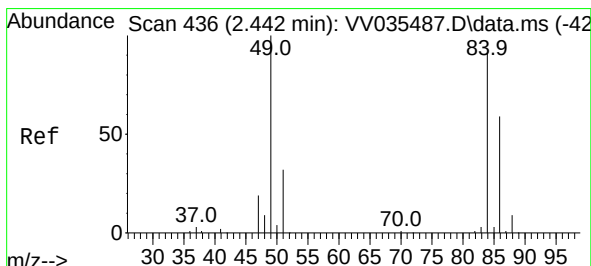
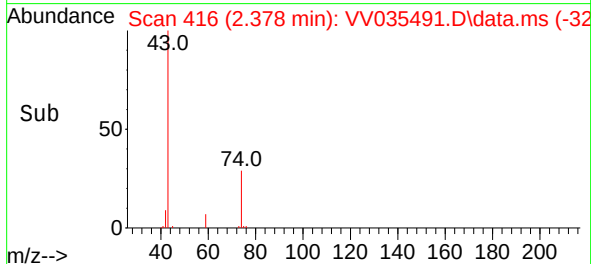
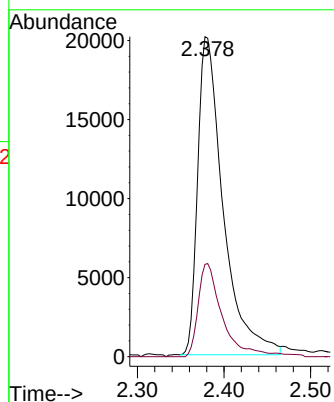


#15
Methyl Acetate
Concen: 10.288 ug/L
RT: 2.378 min Scan# 415
Delta R.T. 0.003 min
Lab File: VV035491.D
Acq: 01 May 2024 12:36

Instrument :
MSVOA_V
ClientSampleId :

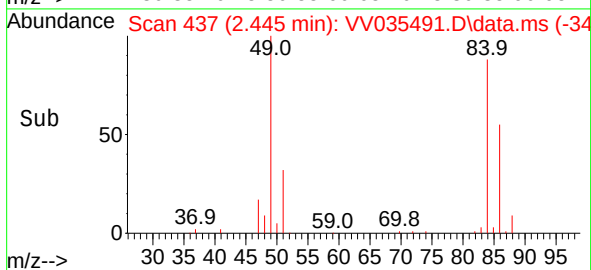
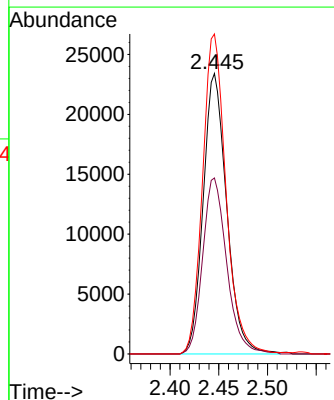
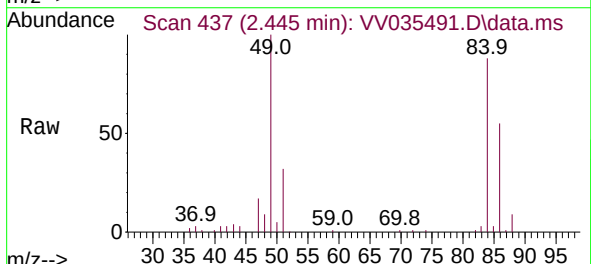


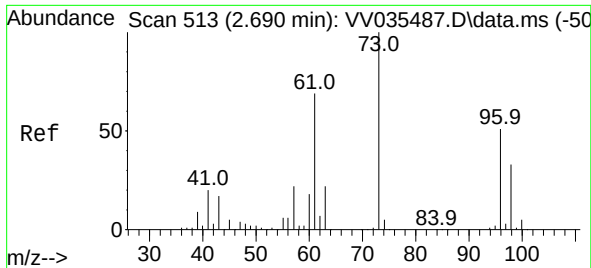
Tgt Ion: 43 Resp: 41100
Ion Ratio Lower Upper
43 100
74 25.8 21.6 32.4



#16
Methylene chloride
Concen: 9.992 ug/L
RT: 2.445 min Scan# 437
Delta R.T. 0.003 min
Lab File: VV035491.D
Acq: 01 May 2024 12:36

Tgt Ion: 84 Resp: 39376
Ion Ratio Lower Upper
84 100
86 62.8 45.3 84.1
49 114.1 76.9 142.7





#17

trans-1,2-Dichloroethene

Concen: 9.676 ug/L

RT: 2.696 min Scan# 513

Delta R.T. 0.006 min

Lab File: VV035491.D

Acq: 01 May 2024 12:36

Instrument :

MSVOA_V

ClientSampleId :

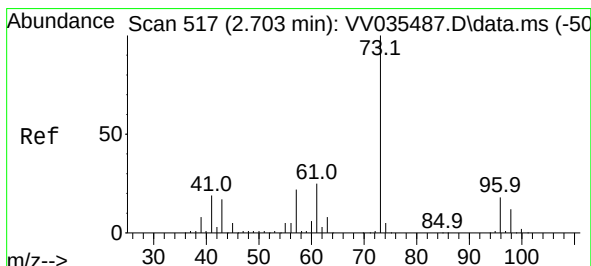
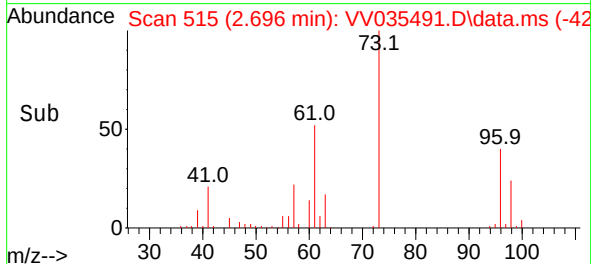
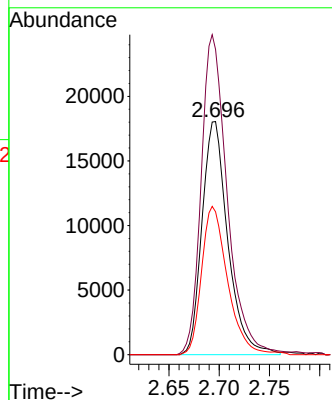
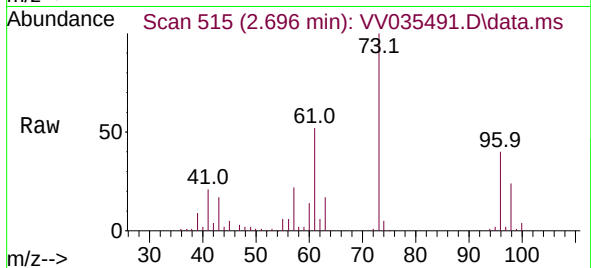
Tgt Ion: 96 Resp: 32217

Ion Ratio Lower Upper

96 100

61 130.9 95.5 177.3

98 61.3 44.9 83.5



#18

Methyl tert-butyl Ether

Concen: 9.869 ug/L

RT: 2.703 min Scan# 517

Delta R.T. 0.000 min

Lab File: VV035491.D

Acq: 01 May 2024 12:36

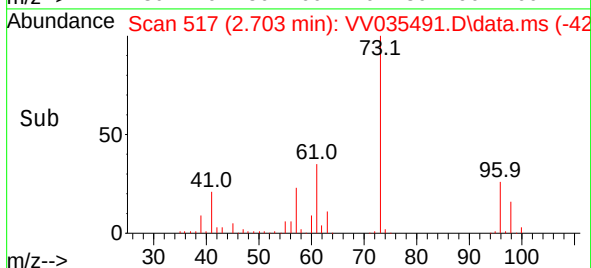
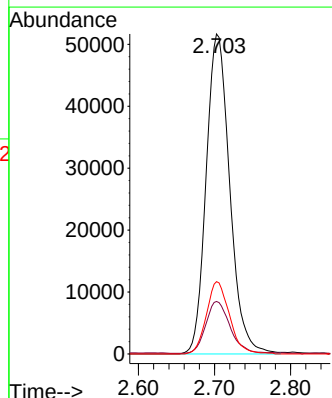
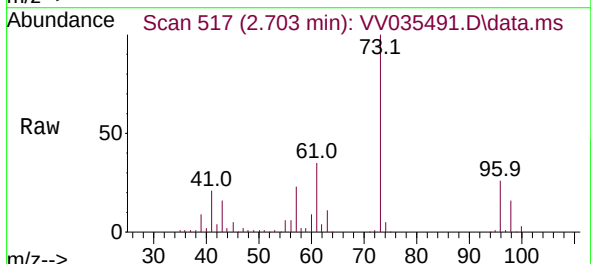
Tgt Ion: 73 Resp: 111454

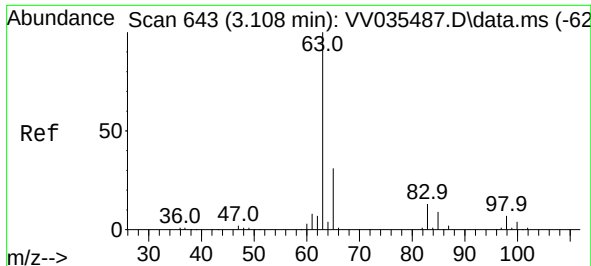
Ion Ratio Lower Upper

73 100

43 16.6 13.6 20.4

57 21.9 17.4 26.0





#19

1,1-Dichloroethane

Concen: 9.900 ug/L

RT: 3.111 min Scan# 64

Delta R.T. 0.003 min

Lab File: VV035491.D

Acq: 01 May 2024 12:36

Instrument :

MSVOA_V

ClientSampleId :

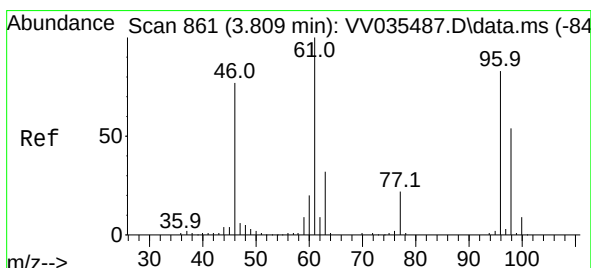
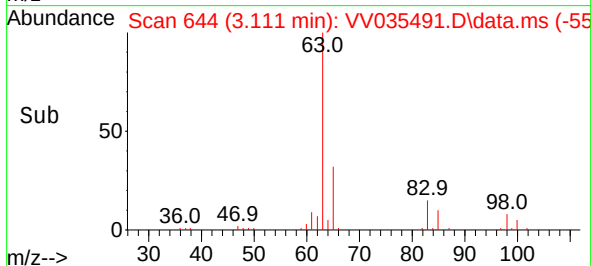
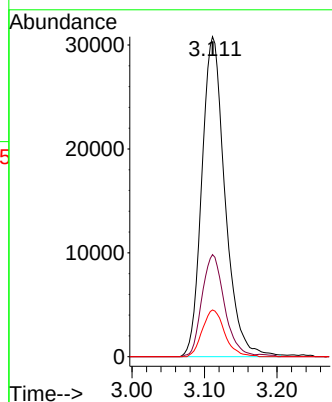
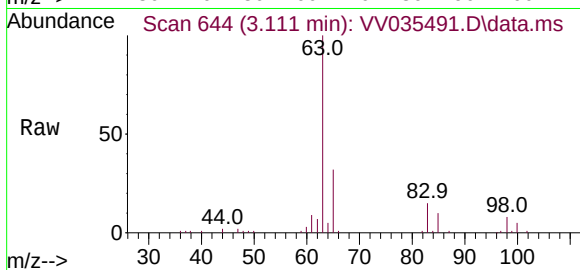
Tgt Ion: 63 Resp: 68515

Ion Ratio Lower Upper

63 100

65 31.9 21.8 40.4

83 14.6 9.2 17.2



#20

cis-1,2-Dichloroethene

Concen: 9.875 ug/L

RT: 3.815 min Scan# 863

Delta R.T. 0.006 min

Lab File: VV035491.D

Acq: 01 May 2024 12:36

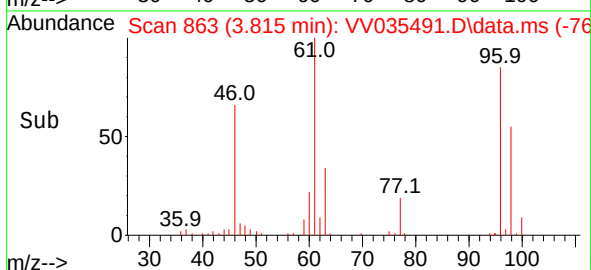
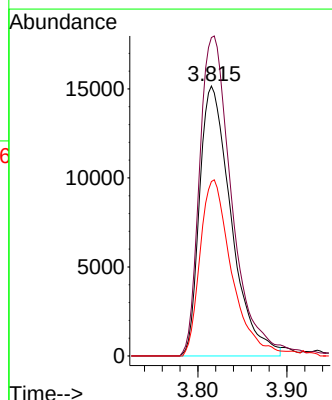
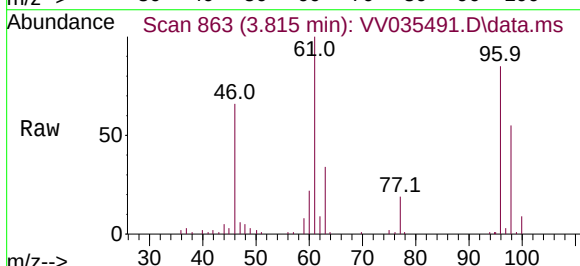
Tgt Ion: 96 Resp: 37376

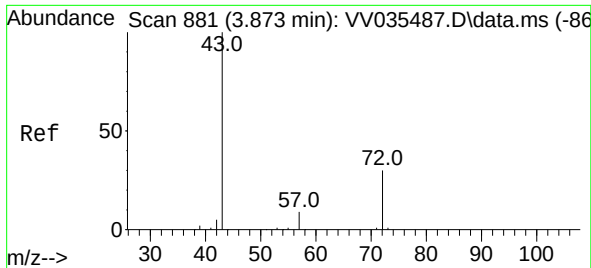
Ion Ratio Lower Upper

96 100

61 118.0 84.0 156.0

98 64.6 44.9 83.5

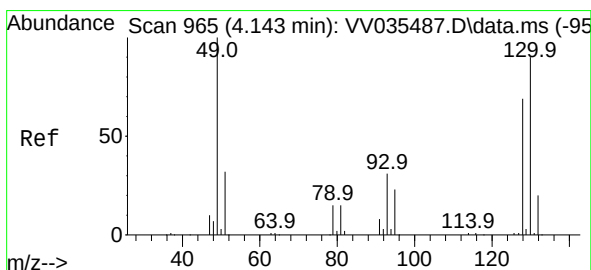
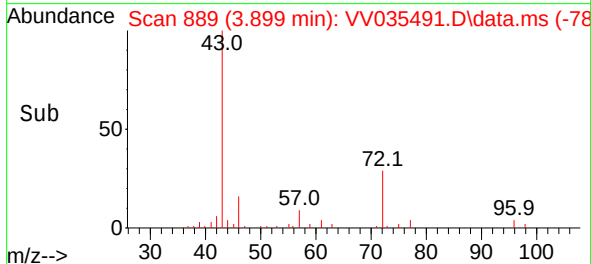
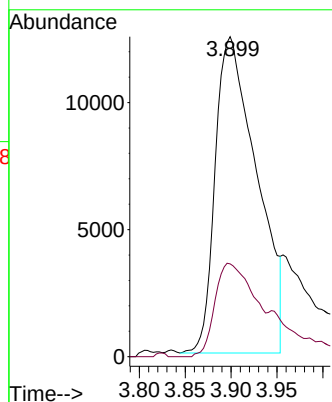
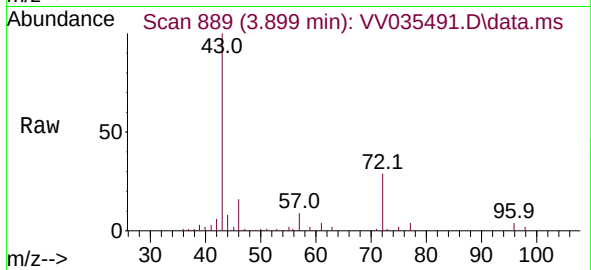




#22
2-Butanone
Concen: 13.556 ug/L
RT: 3.899 min Scan# 881
Delta R.T. 0.026 min
Lab File: VV035491.D
Acq: 01 May 2024 12:36

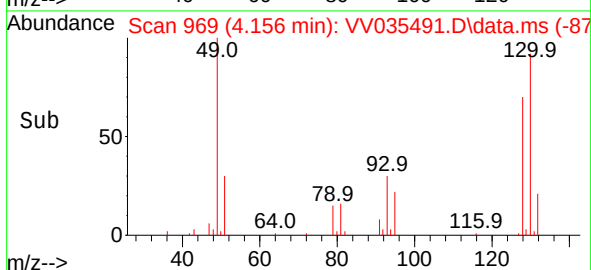
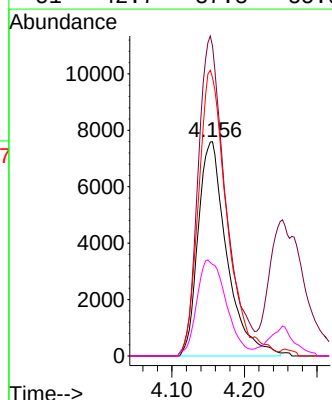
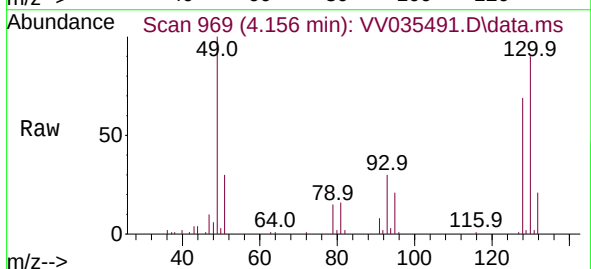
Instrument :
MSVOA_V
ClientSampleId :

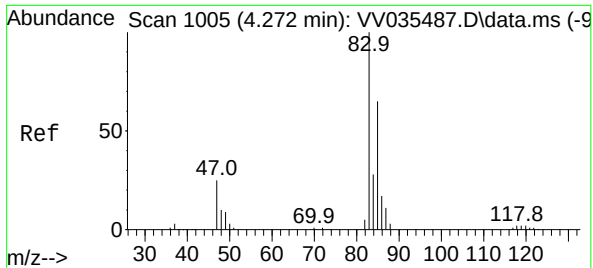
Tgt Ion: 43 Resp: 39250
Ion Ratio Lower Upper
43 100
72 27.3 14.4 43.0



#23
Bromochloromethane
Concen: 9.899 ug/L
RT: 4.156 min Scan# 969
Delta R.T. 0.013 min
Lab File: VV035491.D
Acq: 01 May 2024 12:36

Tgt Ion:128 Resp: 20877
Ion Ratio Lower Upper
128 100
49 144.6 102.0 189.4
130 129.9 91.5 169.9
51 42.7 37.3 55.9





#25

Chloroform

Concen: 9.911 ug/L

RT: 4.278 min Scan# 1

Delta R.T. 0.006 min

Lab File: VV035491.D

Acq: 01 May 2024 12:36

Instrument :

MSVOA_V

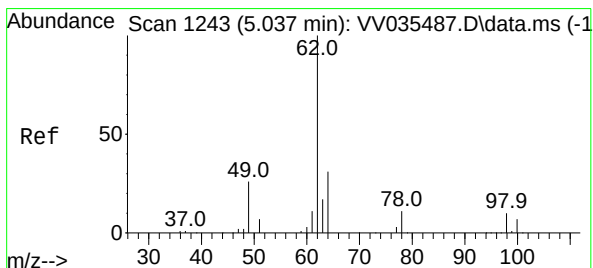
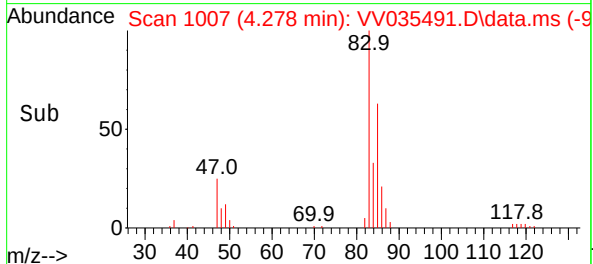
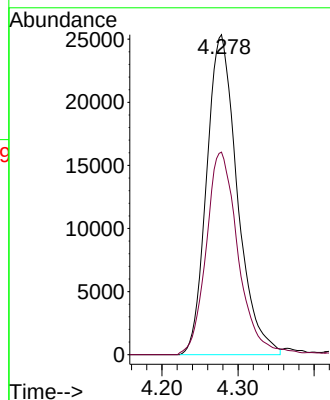
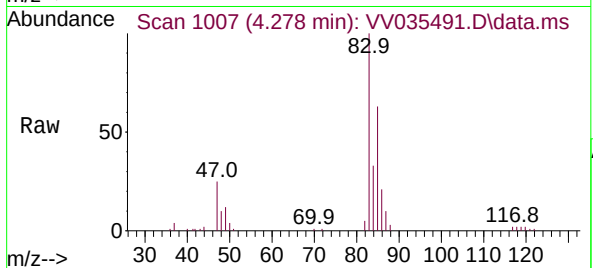
ClientSampleId :

Tgt Ion: 83 Resp: 70985

Ion Ratio Lower Upper

83 100

85 63.3 45.8 85.2



#27

1,2-Dichloroethane

Concen: 9.329 ug/L

RT: 5.043 min Scan# 1245

Delta R.T. 0.006 min

Lab File: VV035491.D

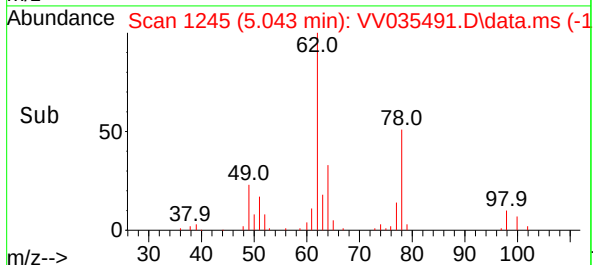
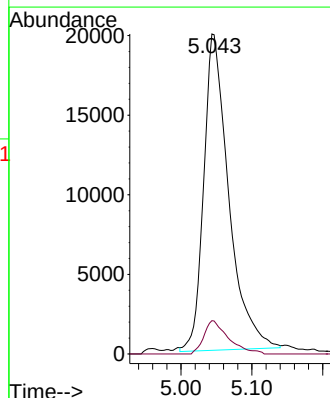
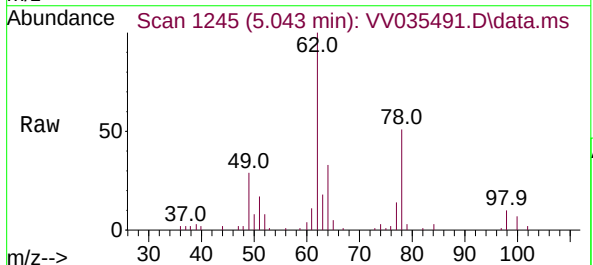
Acq: 01 May 2024 12:36

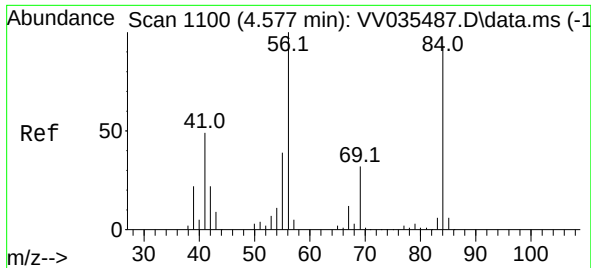
Tgt Ion: 62 Resp: 48781

Ion Ratio Lower Upper

62 100

98 10.4 8.2 12.2





#29

Cyclohexane

Concen: 9.382 ug/L

RT: 4.580 min Scan# 1100

Delta R.T. 0.003 min

Lab File: VV035491.D

Acq: 01 May 2024 12:36

Instrument :

MSVOA_V

ClientSampleId :

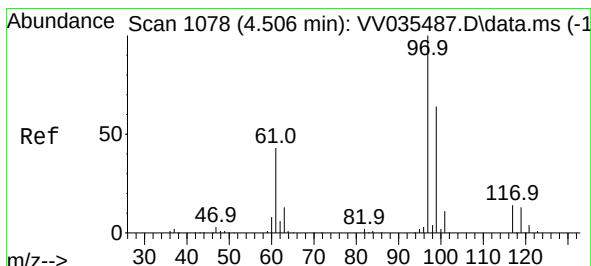
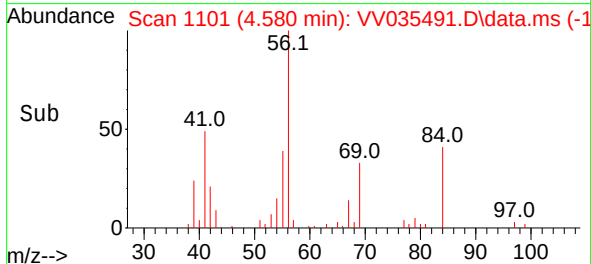
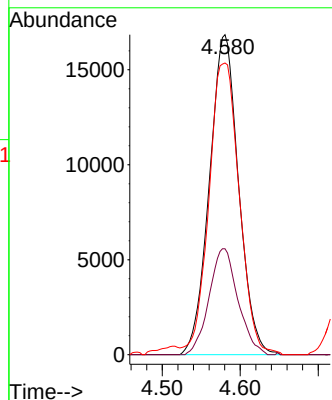
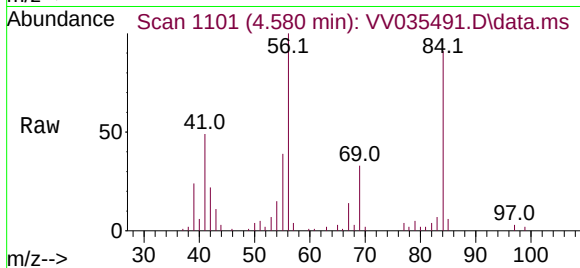
Tgt Ion: 56 Resp: 43796

Ion Ratio Lower Upper

56 100

69 32.8 25.5 38.3

84 95.3 73.6 110.4



#30

1,1,1-Trichloroethane

Concen: 10.361 ug/L

RT: 4.510 min Scan# 1079

Delta R.T. 0.003 min

Lab File: VV035491.D

Acq: 01 May 2024 12:36

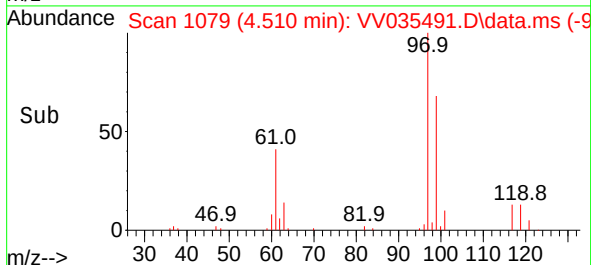
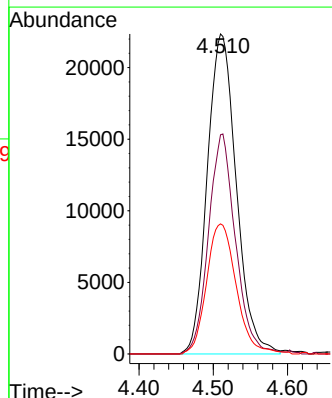
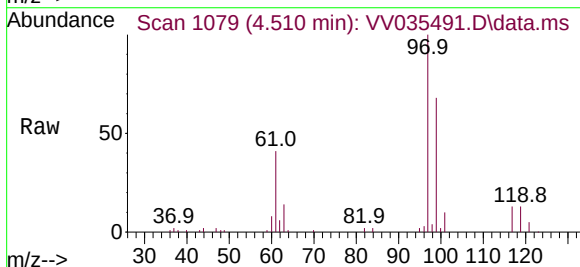
Tgt Ion: 97 Resp: 60696

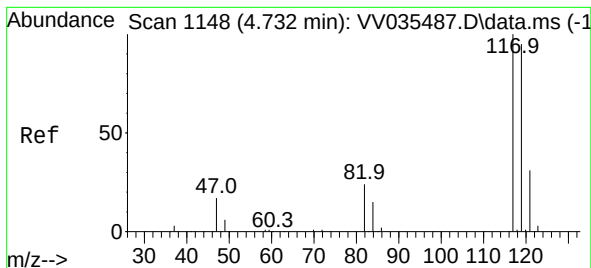
Ion Ratio Lower Upper

97 100

99 64.0 51.9 77.9

61 41.5 34.1 51.1





#31

Carbon tetrachloride

Concen: 10.018 ug/L

RT: 4.732 min Scan# 1148

Delta R.T. 0.000 min

Lab File: VV035491.D

Acq: 01 May 2024 12:36

Instrument :

MSVOA_V

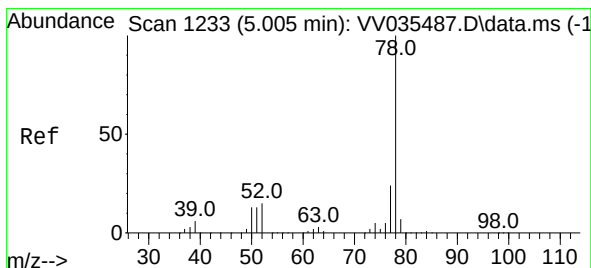
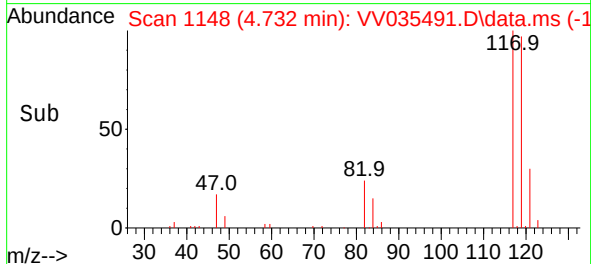
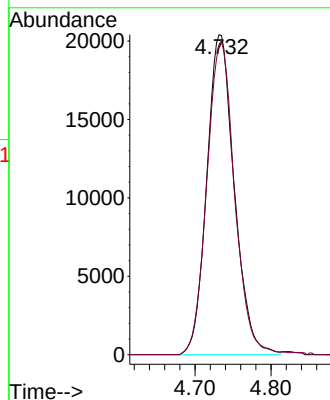
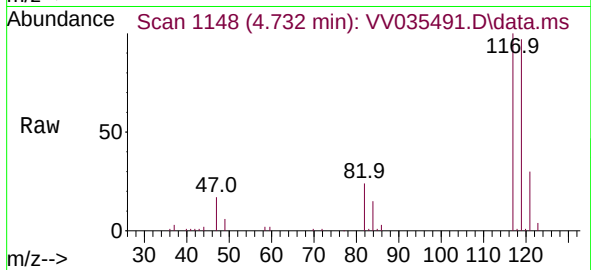
ClientSampleId :

Tgt Ion:117 Resp: 51267

Ion Ratio Lower Upper

117 100

119 98.4 76.5 114.7



#33

Benzene

Concen: 10.071 ug/L

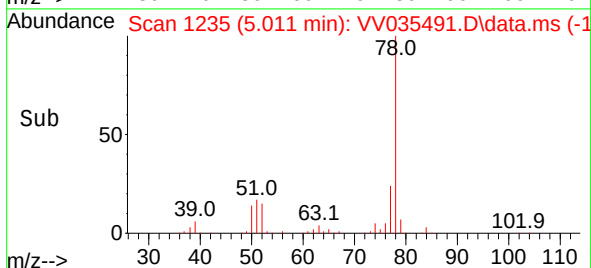
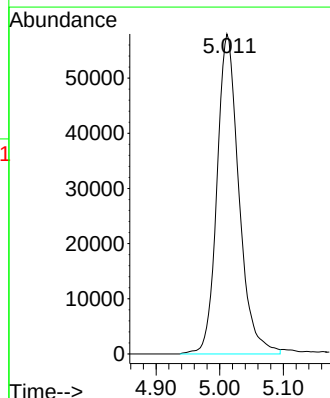
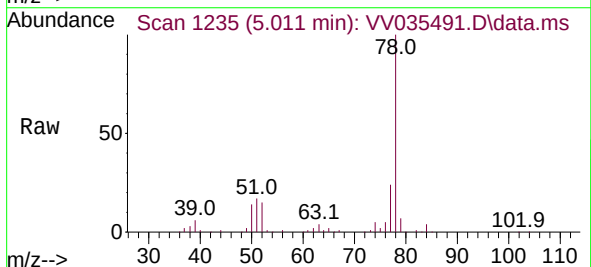
RT: 5.011 min Scan# 1235

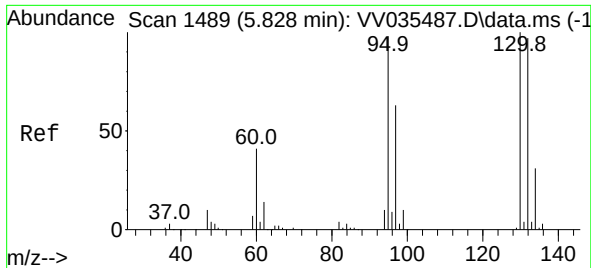
Delta R.T. 0.006 min

Lab File: VV035491.D

Acq: 01 May 2024 12:36

Tgt Ion: 78 Resp: 139016



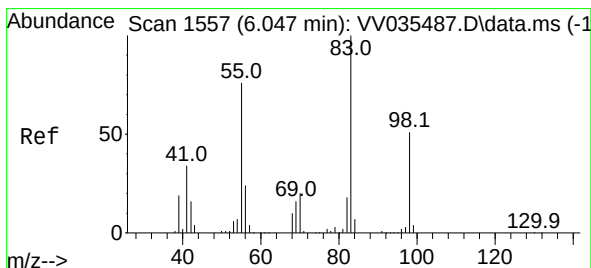
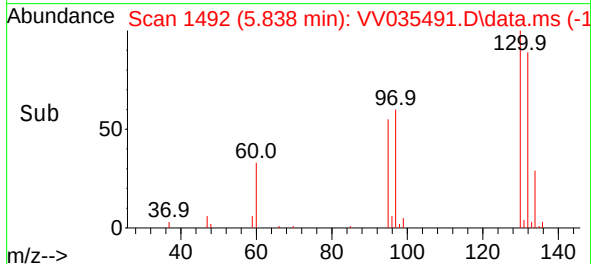
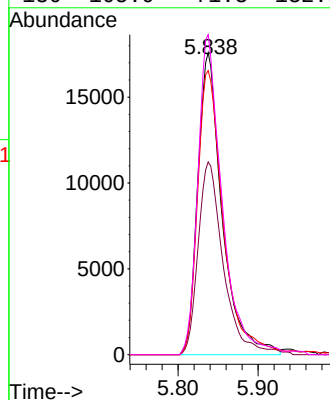
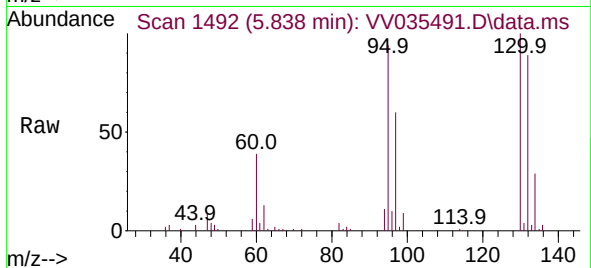


#34
Trichloroethene
Concen: 10.068 ug/L
RT: 5.838 min Scan# 1492
Delta R.T. 0.010 min
Lab File: VV035491.D
Acq: 01 May 2024 12:36

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 95 Resp: 37404

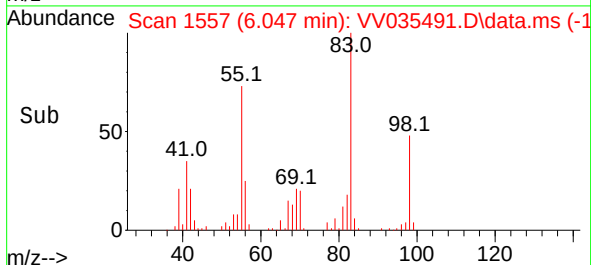
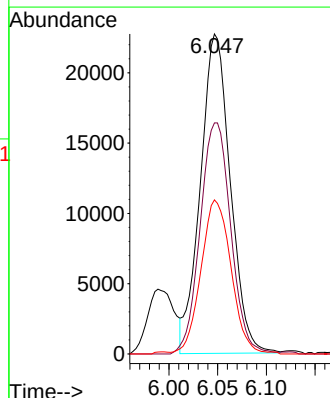
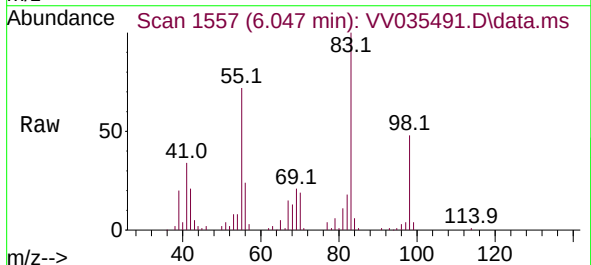
Ion	Ratio	Lower	Upper
95	100		
97	63.8	45.1	83.9
132	94.0	69.4	128.8
130	105.9	71.3	132.3

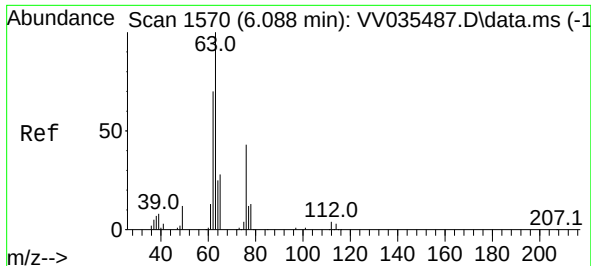


#35
Methylcyclohexane
Concen: 9.092 ug/L
RT: 6.047 min Scan# 1557
Delta R.T. 0.000 min
Lab File: VV035491.D
Acq: 01 May 2024 12:36

Tgt Ion: 83 Resp: 48564

Ion	Ratio	Lower	Upper
83	100		
55	74.1	57.5	86.3
98	48.6	38.9	58.3

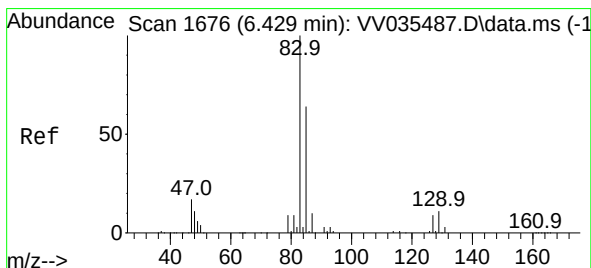
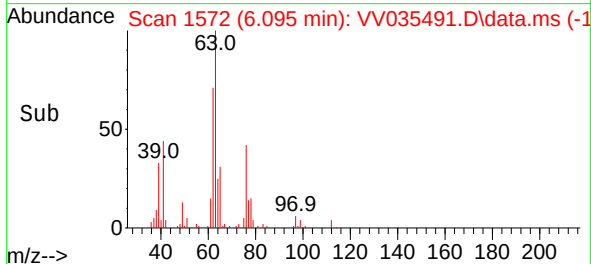
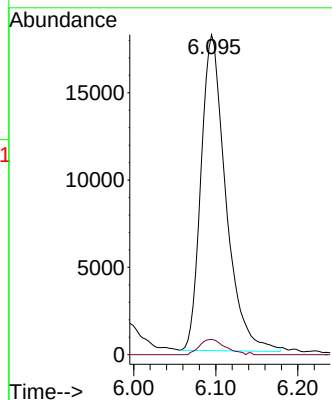
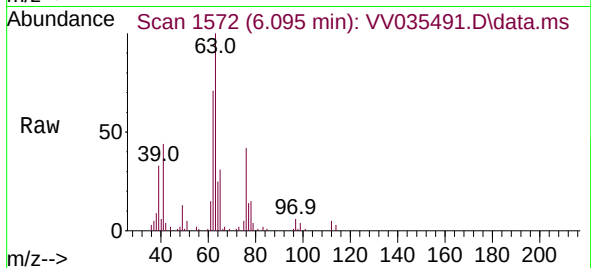




#37
1,2-Dichloropropane
Concen: 9.875 ug/L
RT: 6.095 min Scan# 1570
Delta R.T. 0.006 min
Lab File: VV035491.D
Acq: 01 May 2024 12:36

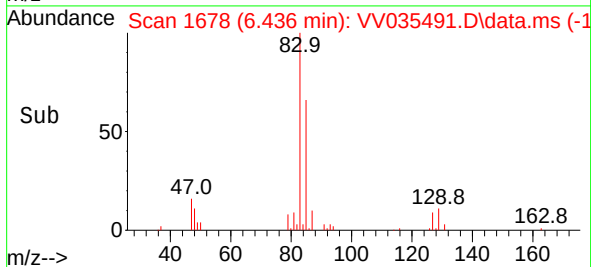
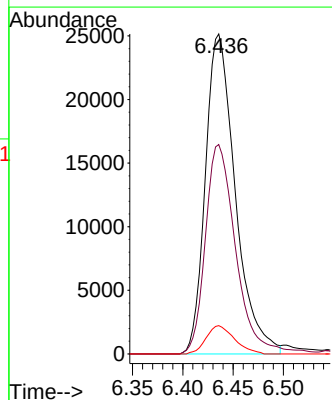
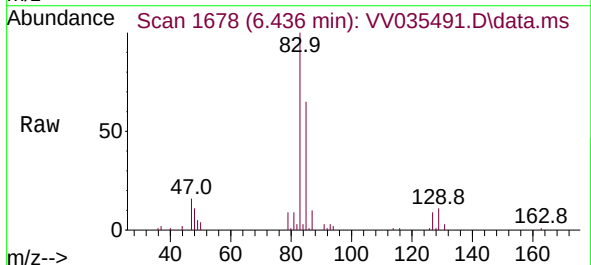
Instrument :
MSVOA_V
ClientSampleId :

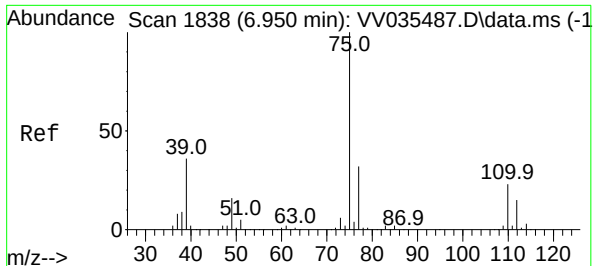
Tgt Ion: 63 Resp: 37975
Ion Ratio Lower Upper
63 100
112 5.0 3.4 5.2



#38
Bromodichloromethane
Concen: 10.017 ug/L
RT: 6.436 min Scan# 1678
Delta R.T. 0.006 min
Lab File: VV035491.D
Acq: 01 May 2024 12:36

Tgt Ion: 83 Resp: 52107
Ion Ratio Lower Upper
83 100
85 65.5 45.1 83.9
127 8.8 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 9.821 ug/L

RT: 6.960 min Scan# 11

Delta R.T. 0.010 min

Lab File: VV035491.D

Acq: 01 May 2024 12:36

Instrument :

MSVOA_V

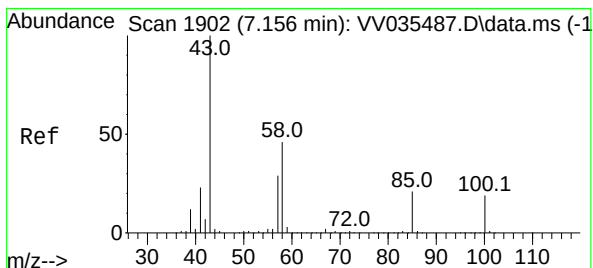
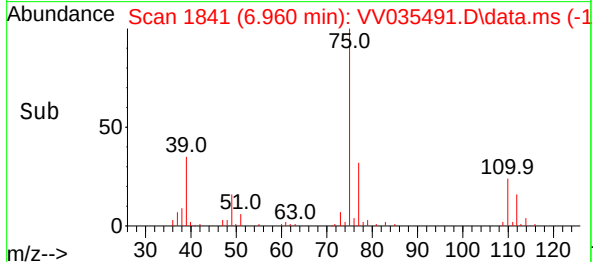
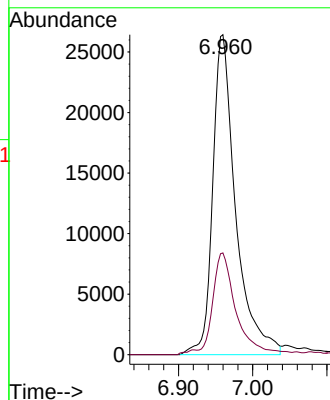
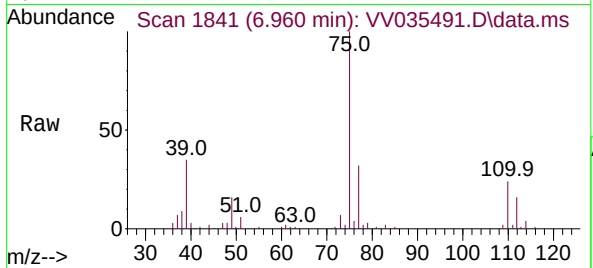
ClientSampleId :

Tgt Ion: 75 Resp: 56778

Ion Ratio Lower Upper

75 100

77 31.8 22.3 41.3



#40

4-Methyl-2-pentanone

Concen: 20.224 ug/L

RT: 7.162 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VV035491.D

Acq: 01 May 2024 12:36

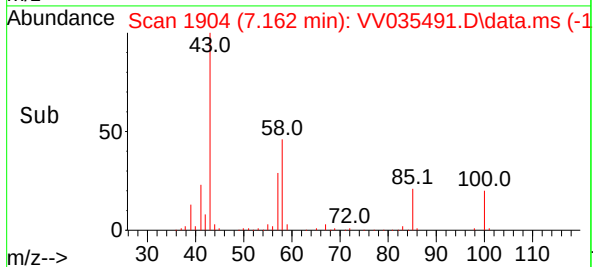
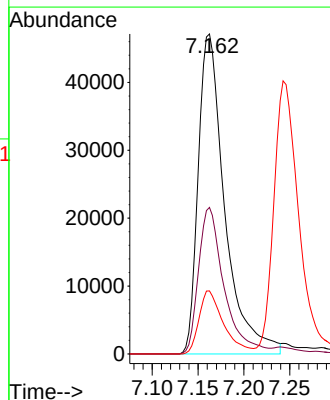
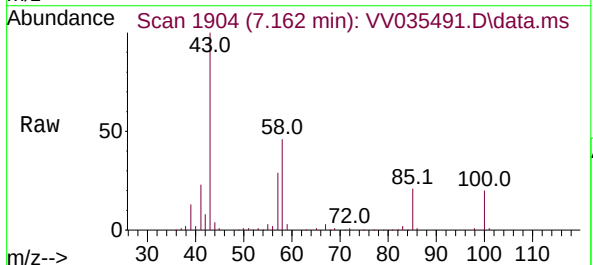
Tgt Ion: 43 Resp: 94916

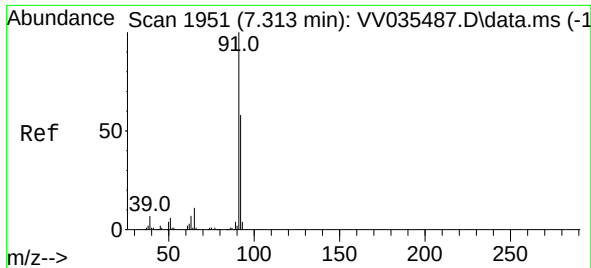
Ion Ratio Lower Upper

43 100

58 44.2 36.1 54.1

100 18.3 15.0 22.4





#42

Toluene

Concen: 9.936 ug/L

RT: 7.317 min Scan# 1951

Delta R.T. 0.003 min

Lab File: VV035491.D

Acq: 01 May 2024 12:36

Instrument :

MSVOA_V

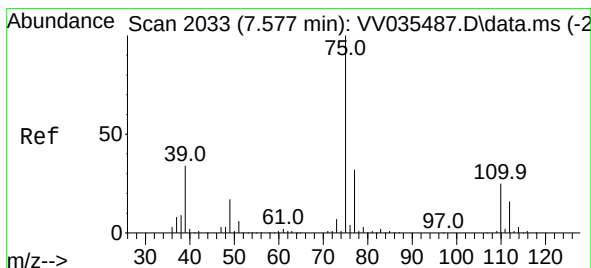
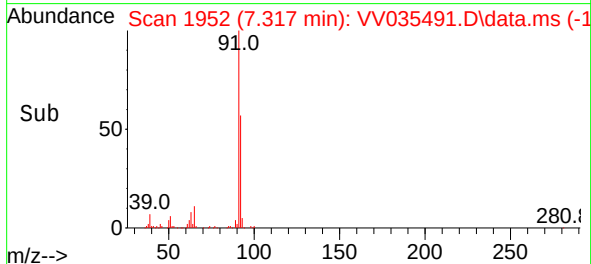
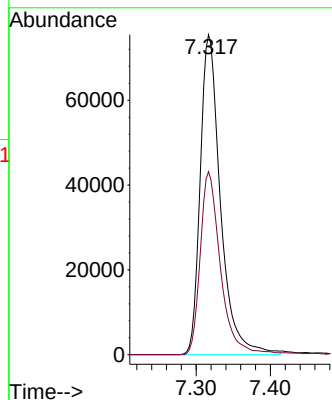
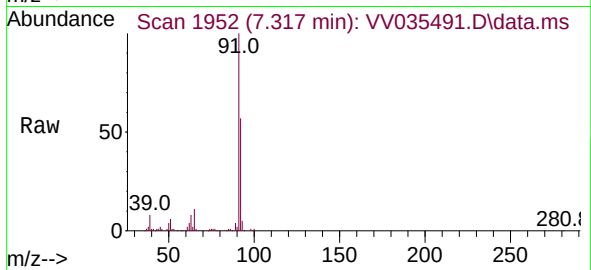
ClientSampleId :

Tgt Ion: 91 Resp: 143139

Ion Ratio Lower Upper

91 100

92 57.2 40.3 74.9



#44

trans-1,3-Dichloropropene

Concen: 9.550 ug/L

RT: 7.587 min Scan# 2036

Delta R.T. 0.010 min

Lab File: VV035491.D

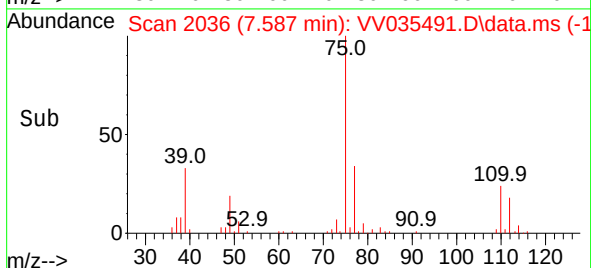
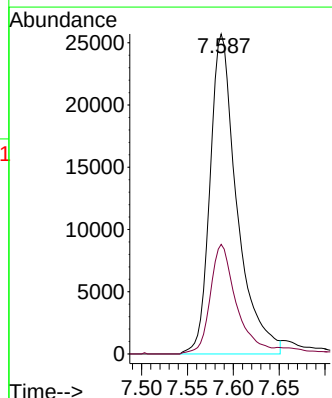
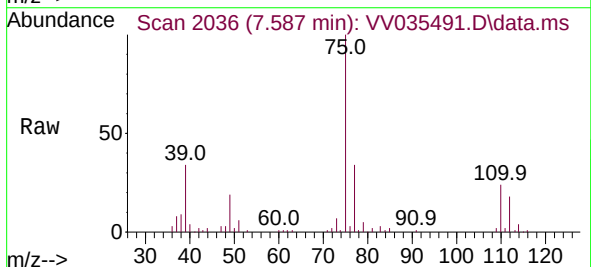
Acq: 01 May 2024 12:36

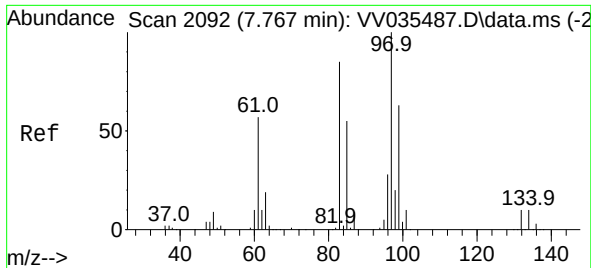
Tgt Ion: 75 Resp: 52494

Ion Ratio Lower Upper

75 100

77 34.3 22.4 41.6





#45

1,1,2-Trichloroethane

Concen: 10.162 ug/L

RT: 7.770 min Scan# 2092

Delta R.T. 0.003 min

Lab File: VV035491.D

Acq: 01 May 2024 12:36

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 41086

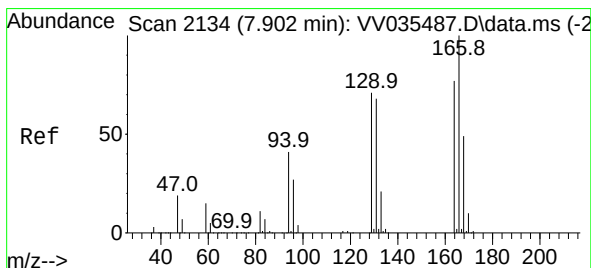
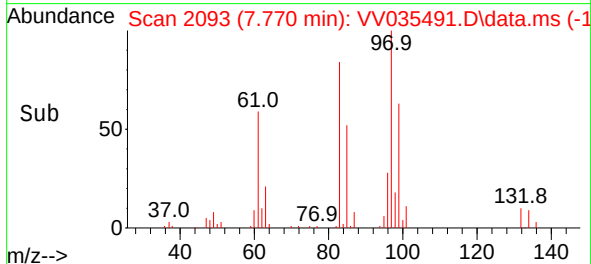
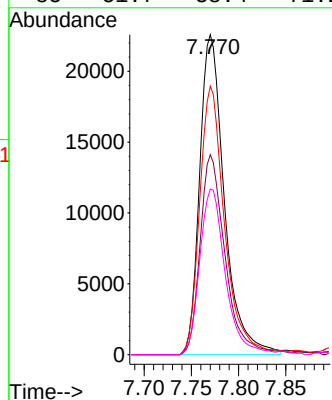
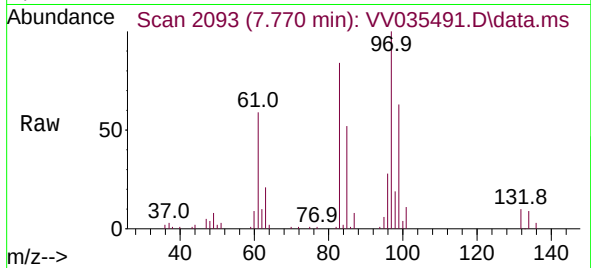
Ion Ratio Lower Upper

97 100

99 62.5 44.2 82.2

83 83.9 59.3 110.1

85 51.7 38.4 71.2



#46

Tetrachloroethene

Concen: 10.277 ug/L

RT: 7.905 min Scan# 2135

Delta R.T. 0.003 min

Lab File: VV035491.D

Acq: 01 May 2024 12:36

Tgt Ion: 164 Resp: 30006

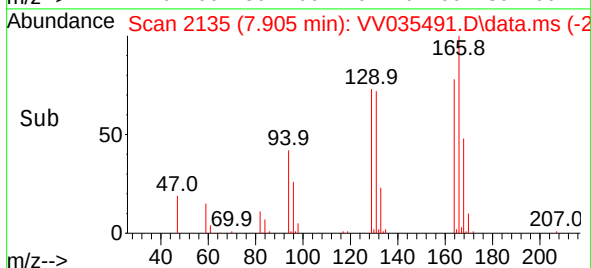
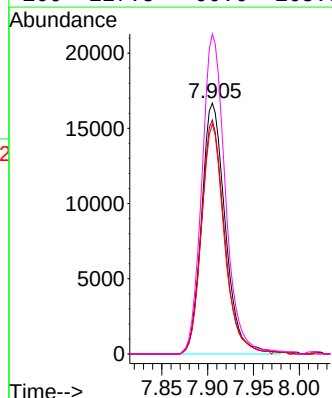
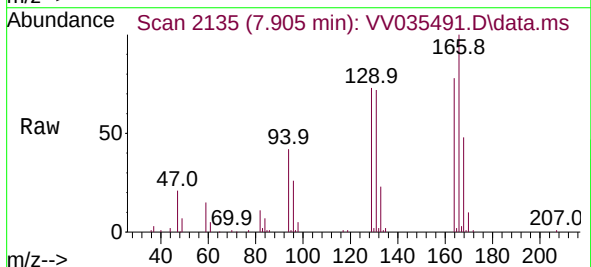
Ion Ratio Lower Upper

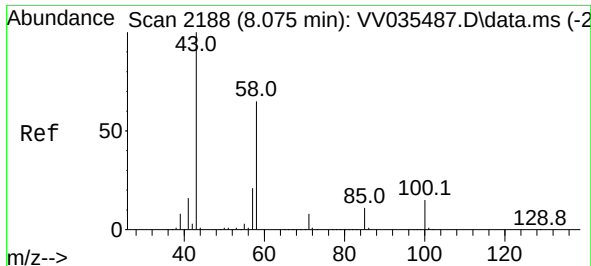
164 100

129 93.2 64.7 120.1

131 91.6 61.5 114.1

166 127.5 90.6 168.3

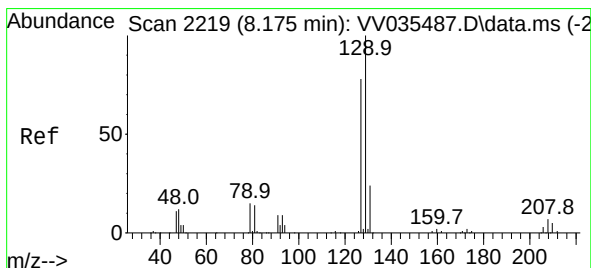
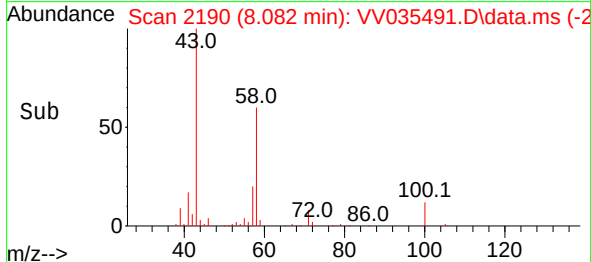
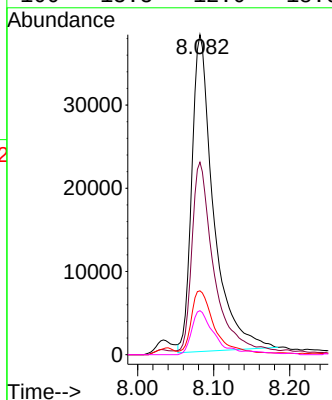
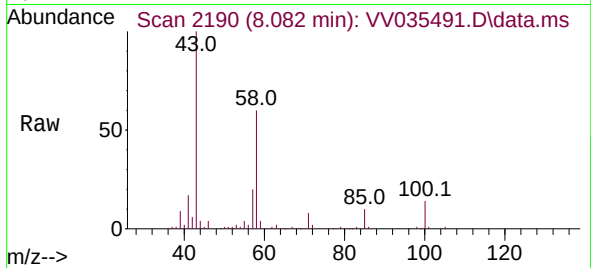




#48
2-Hexanone
Concen: 19.111 ug/L
RT: 8.082 min Scan# 2188
Delta R.T. 0.006 min
Lab File: VV035491.D
Acq: 01 May 2024 12:36

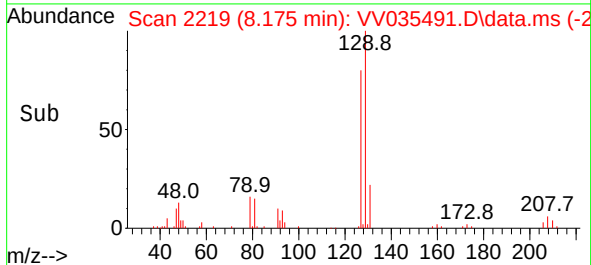
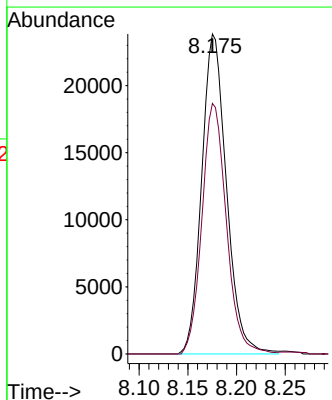
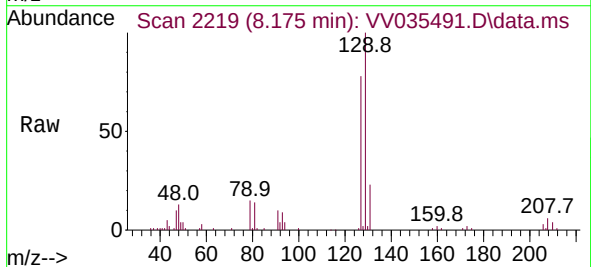
Instrument :
MSVOA_V
ClientSampleId :

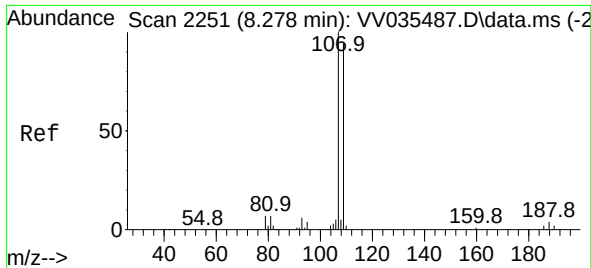
Tgt Ion: 43 Resp: 75747
Ion Ratio Lower Upper
43 100
58 58.8 50.8 76.2
57 20.8 17.6 26.4
100 13.3 12.0 18.0



#49
Dibromochloromethane
Concen: 10.177 ug/L
RT: 8.175 min Scan# 2219
Delta R.T. 0.000 min
Lab File: VV035491.D
Acq: 01 May 2024 12:36

Tgt Ion: 129 Resp: 42145
Ion Ratio Lower Upper
129 100
127 78.3 54.3 100.8

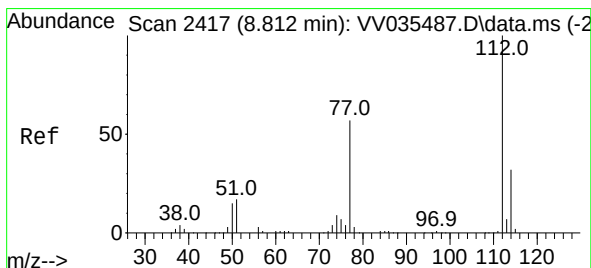
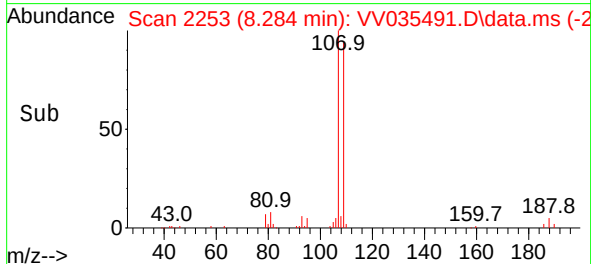
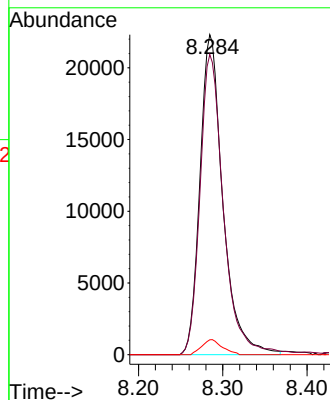
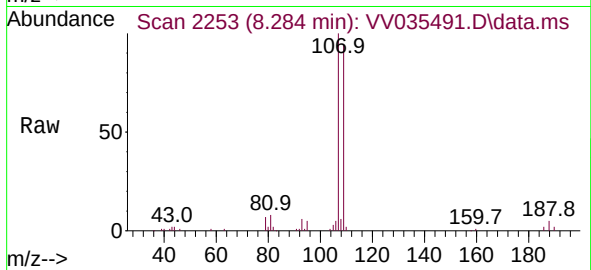




#50
1,2-Dibromoethane
Concen: 10.277 ug/L
RT: 8.284 min Scan# 21
Delta R.T. 0.006 min
Lab File: VV035491.D
Acq: 01 May 2024 12:36

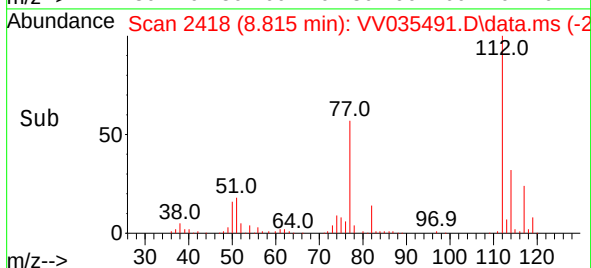
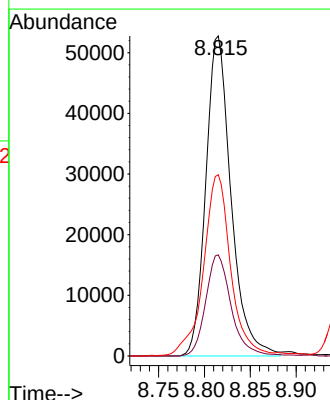
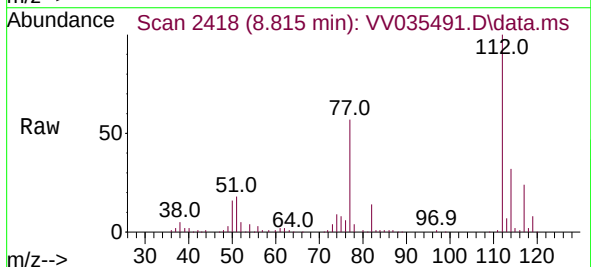
Instrument :
MSVOA_V
ClientSampleId :

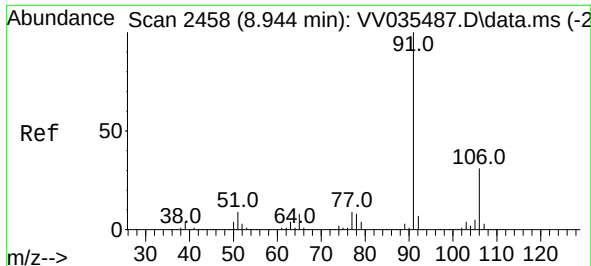
Tgt Ion:107 Resp: 42292
Ion Ratio Lower Upper
107 100
109 93.8 65.7 122.1
188 4.6 3.1 4.7



#51
Chlorobenzene
Concen: 9.969 ug/L
RT: 8.815 min Scan# 2418
Delta R.T. 0.003 min
Lab File: VV035491.D
Acq: 01 May 2024 12:36

Tgt Ion:112 Resp: 101174
Ion Ratio Lower Upper
112 100
114 31.6 22.4 41.6
77 56.7 45.9 68.9





#52

Ethylbenzene

Concen: 9.432 ug/L

RT: 8.947 min Scan# 2458

Delta R.T. 0.003 min

Lab File: VV035491.D

Acq: 01 May 2024 12:36

Instrument :

MSVOA_V

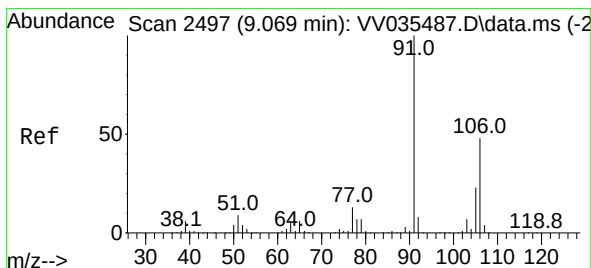
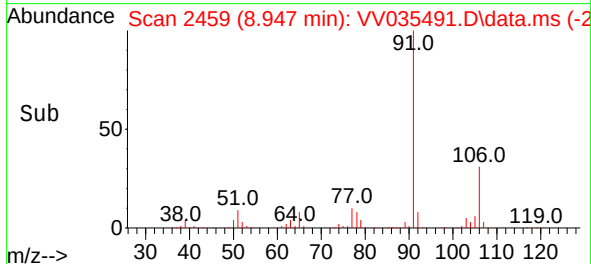
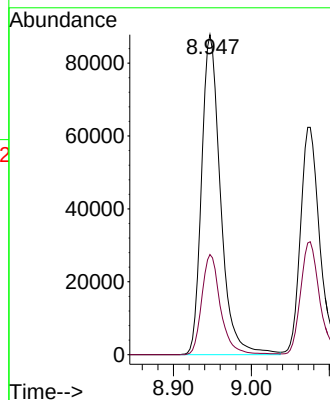
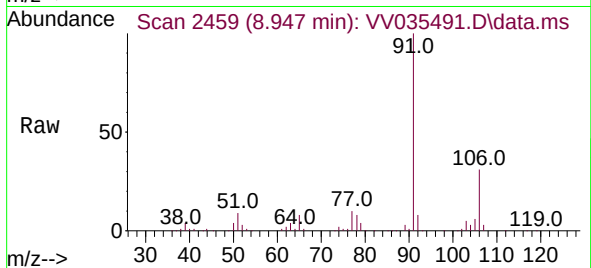
ClientSampleId :

Tgt Ion: 91 Resp: 148205

Ion Ratio Lower Upper

91 100

106 31.3 21.6 40.0



#53

m,p-Xylene

Concen: 8.948 ug/L

RT: 9.075 min Scan# 2499

Delta R.T. 0.006 min

Lab File: VV035491.D

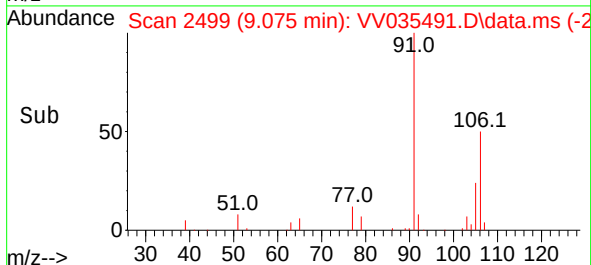
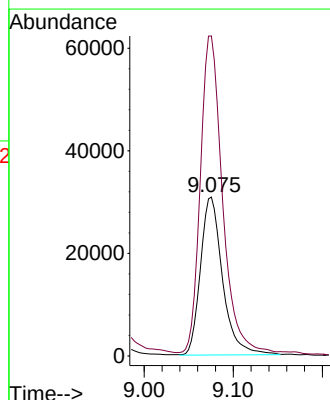
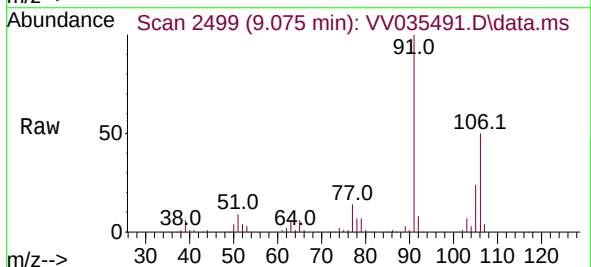
Acq: 01 May 2024 12:36

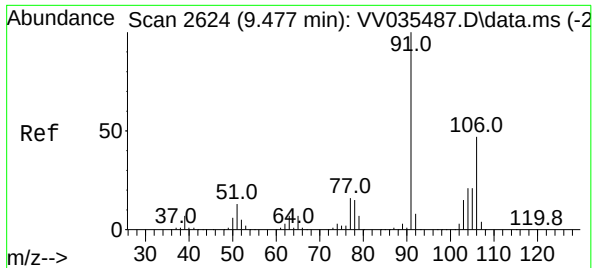
Tgt Ion:106 Resp: 53093

Ion Ratio Lower Upper

106 100

91 201.4 144.8 268.8

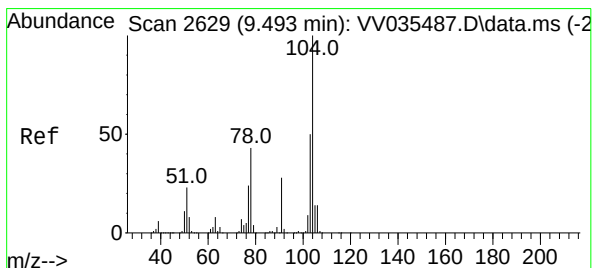
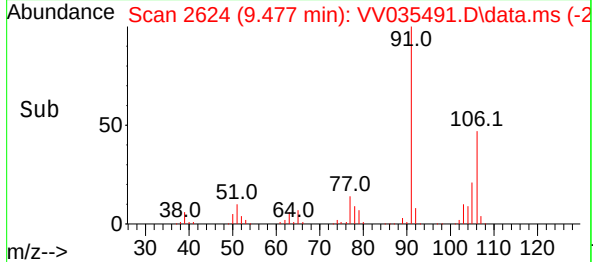
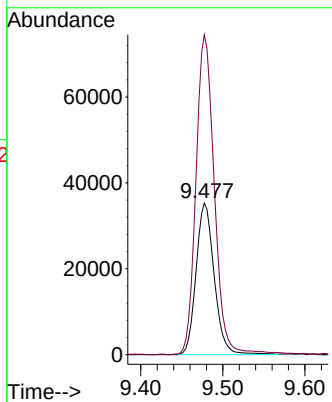
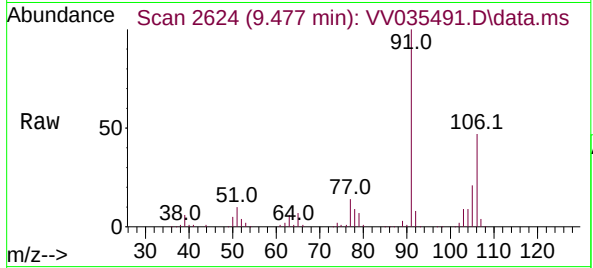




#54
o-Xylene
Concen: 9.306 ug/L
RT: 9.477 min Scan# 2624
Delta R.T. 0.000 min
Lab File: VV035491.D
Acq: 01 May 2024 12:36

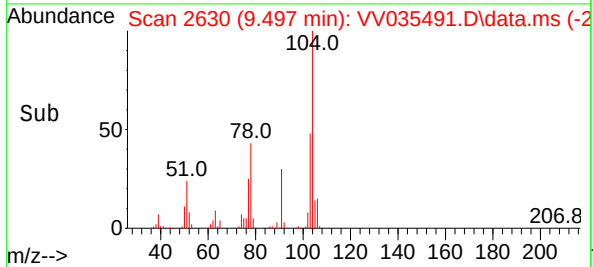
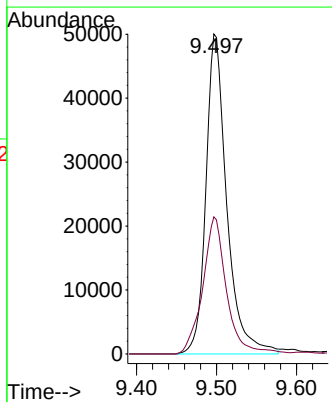
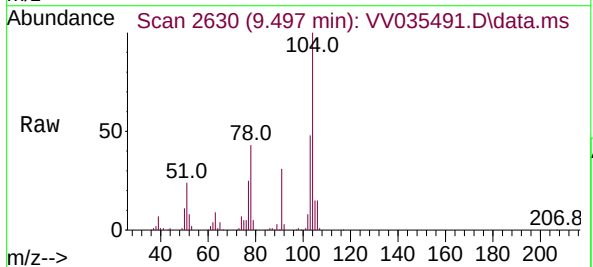
Instrument :
MSVOA_V
ClientSampleId :

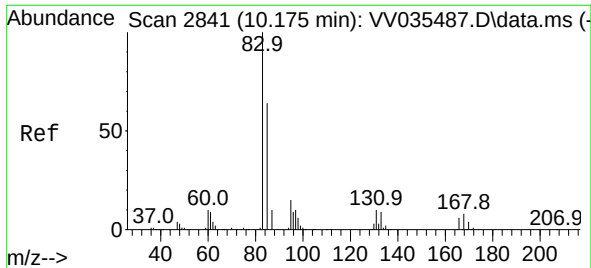
Tgt Ion:106 Resp: 54296
Ion Ratio Lower Upper
106 100
91 211.2 149.9 278.3



#55
Styrene
Concen: 9.040 ug/L
RT: 9.497 min Scan# 2630
Delta R.T. 0.003 min
Lab File: VV035491.D
Acq: 01 May 2024 12:36

Tgt Ion:104 Resp: 90893
Ion Ratio Lower Upper
104 100
78 42.9 29.9 55.5

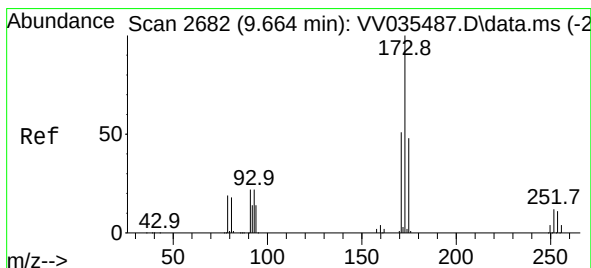
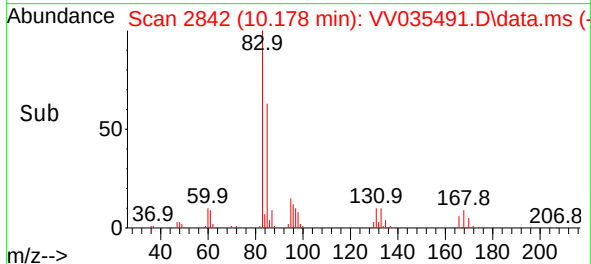
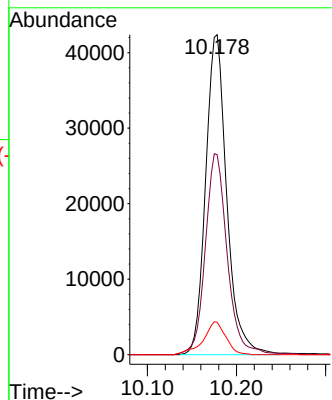
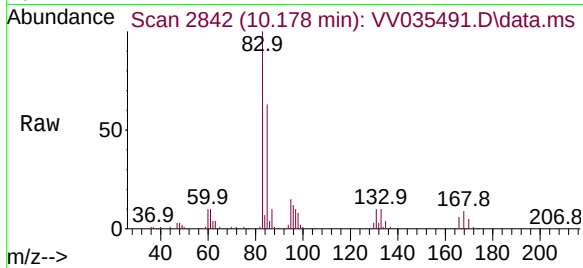




#57
1,1,2,2-Tetrachloroethane
Concen: 10.488 ug/L
RT: 10.178 min Scan# 2841
Delta R.T. 0.003 min
Lab File: VV035491.D
Acq: 01 May 2024 12:36

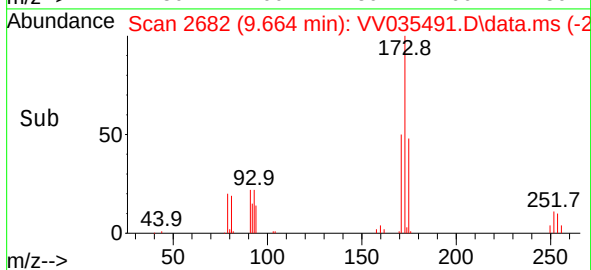
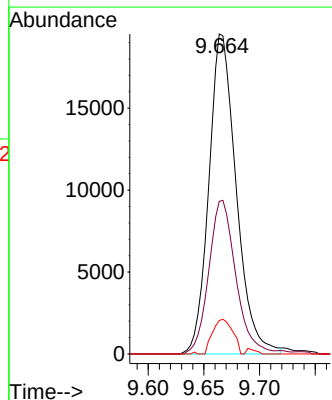
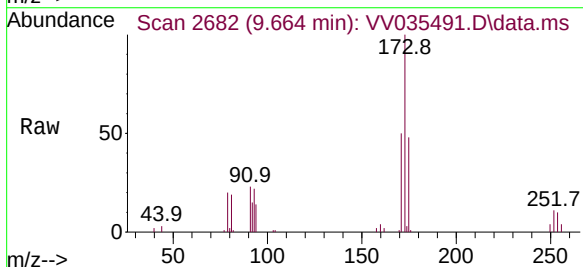
Instrument :
MSVOA_V
ClientSampleId :

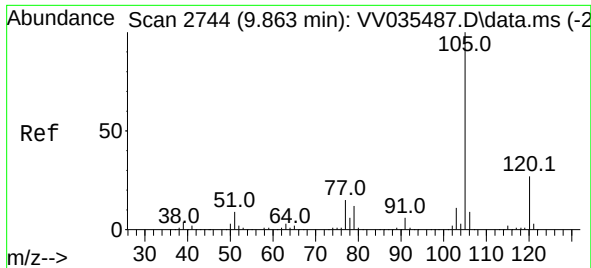
Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.5	44.9	83.5
131	10.2	8.1	12.1



#59
Bromoform
Concen: 10.890 ug/L
RT: 9.664 min Scan# 2682
Delta R.T. 0.000 min
Lab File: VV035491.D
Acq: 01 May 2024 12:36

Tgt Ion	Ratio	Lower	Upper
173	100		
175	47.4	39.0	58.6
254	8.0	8.5	12.7#

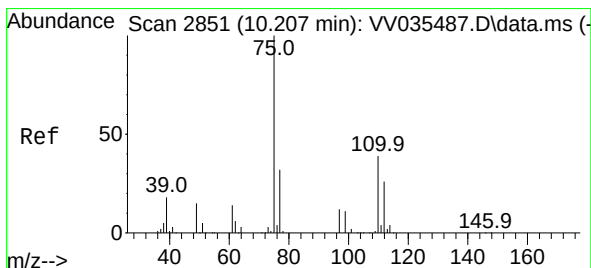
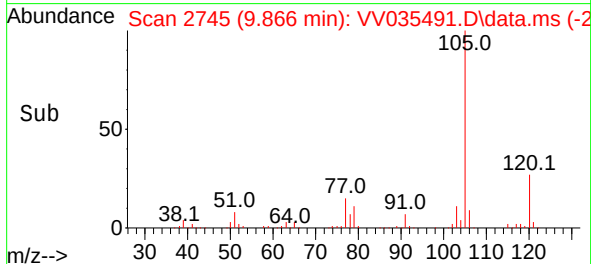
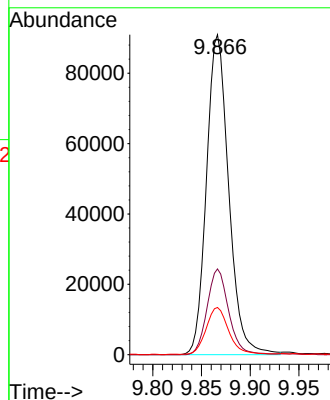
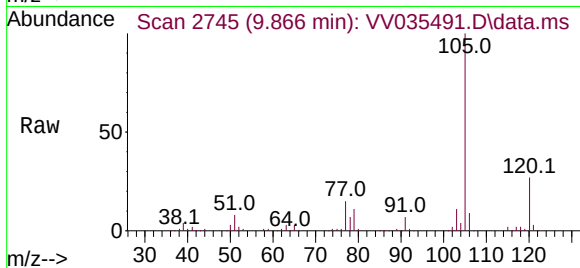




#60
Isopropylbenzene
Concen: 9.970 ug/L
RT: 9.866 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV035491.D
Acq: 01 May 2024 12:36

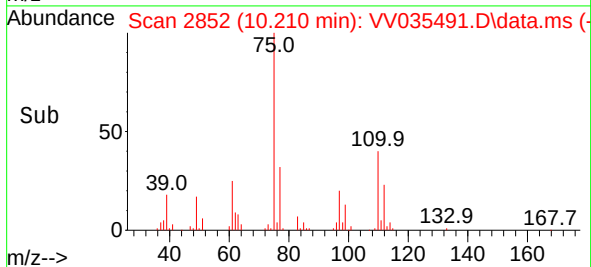
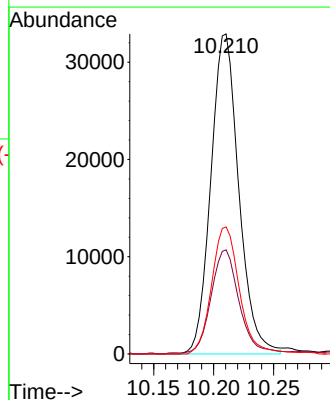
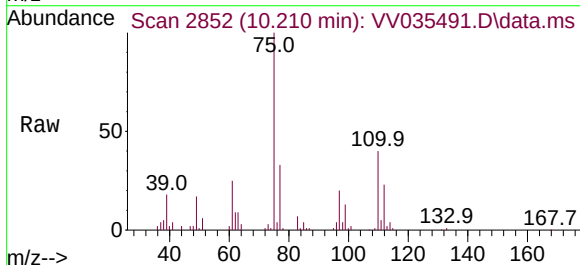
Instrument :
MSVOA_V
ClientSampleId :

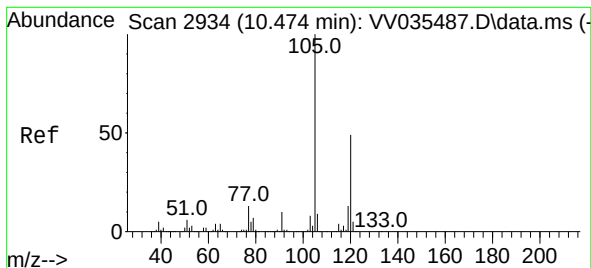
Tgt Ion:105 Resp: 144301
Ion Ratio Lower Upper
105 100
120 25.9 21.5 32.3
77 14.7 12.3 18.5



#61
1,2,3-Trichloropropane
Concen: 11.117 ug/L
RT: 10.210 min Scan# 2852
Delta R.T. 0.003 min
Lab File: VV035491.D
Acq: 01 May 2024 12:36

Tgt Ion: 75 Resp: 53324
Ion Ratio Lower Upper
75 100
77 32.1 25.8 38.6
110 39.5 31.6 47.4





#62

1,3,5-Trimethylbenzene

Concen: 9.247 ug/L

RT: 10.474 min Scan# 2934

Delta R.T. 0.000 min

Lab File: VV035491.D

Acq: 01 May 2024 12:36

Instrument :

MSVOA_V

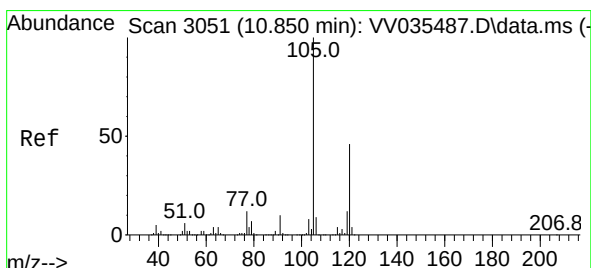
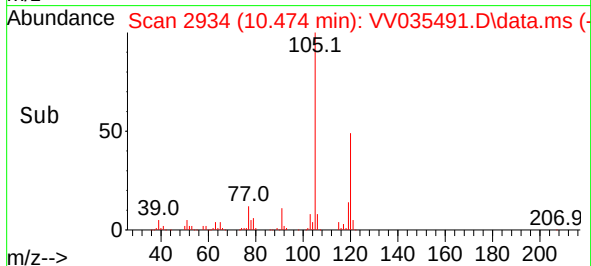
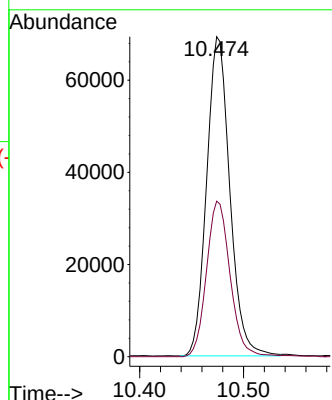
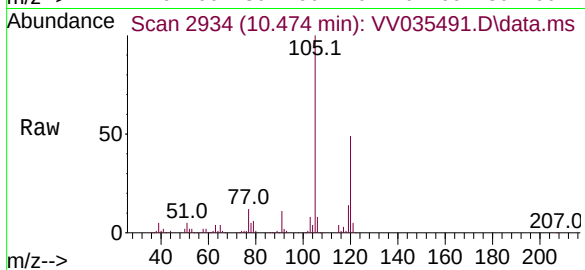
ClientSampleId :

Tgt Ion:105 Resp: 107371

Ion Ratio Lower Upper

105 100

120 49.6 39.5 59.3



#63

1,2,4-Trimethylbenzene

Concen: 9.289 ug/L

RT: 10.850 min Scan# 3051

Delta R.T. 0.000 min

Lab File: VV035491.D

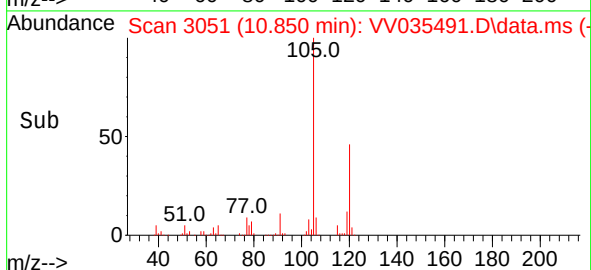
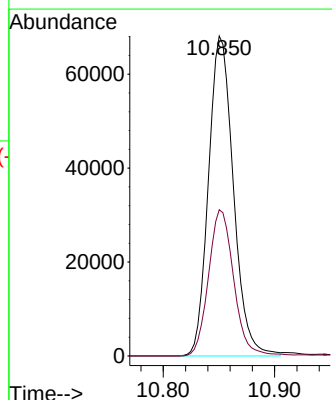
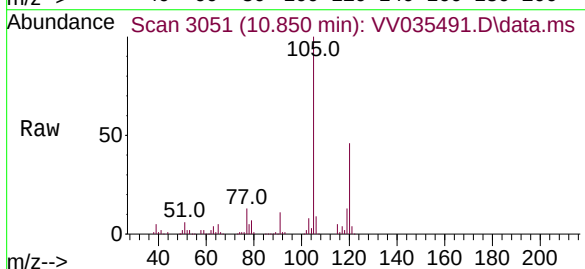
Acq: 01 May 2024 12:36

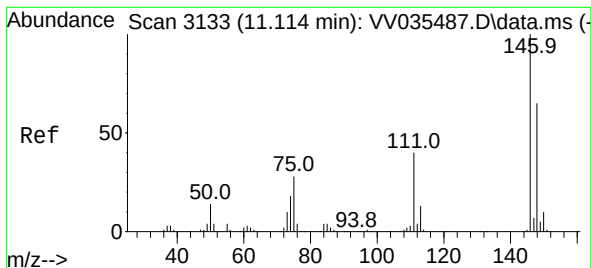
Tgt Ion:105 Resp: 105804

Ion Ratio Lower Upper

105 100

120 46.3 36.6 55.0





#64

1,3-Dichlorobenzene

Concen: 10.309 ug/L

RT: 11.117 min Scan# 3133

Delta R.T. 0.003 min

Lab File: VV035491.D

Acq: 01 May 2024 12:36

Instrument :

MSVOA_V

ClientSampleId :

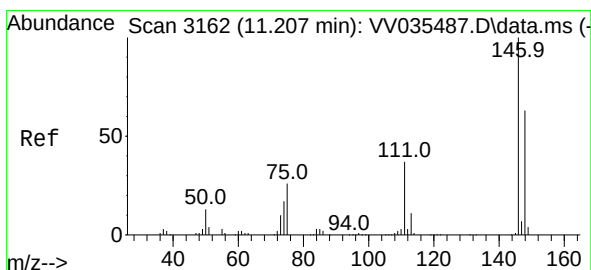
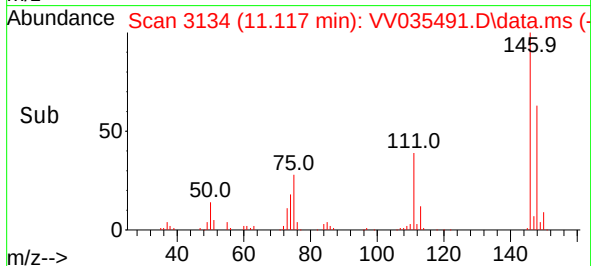
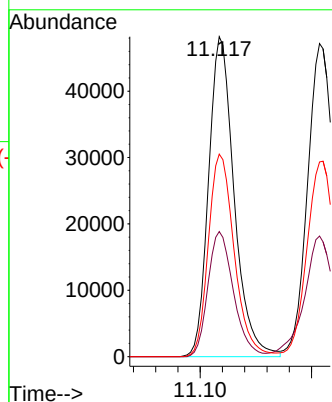
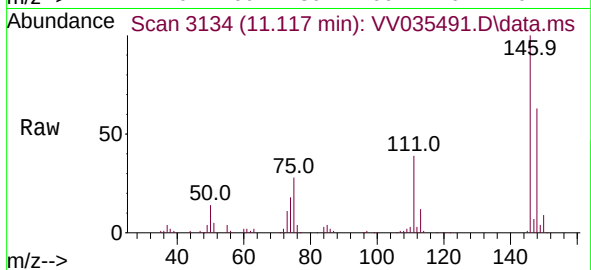
Tgt Ion:146 Resp: 76843

Ion Ratio Lower Upper

146 100

111 39.1 27.9 51.7

148 63.3 45.1 83.9



#65

1,4-Dichlorobenzene

Concen: 10.347 ug/L

RT: 11.207 min Scan# 3162

Delta R.T. 0.000 min

Lab File: VV035491.D

Acq: 01 May 2024 12:36

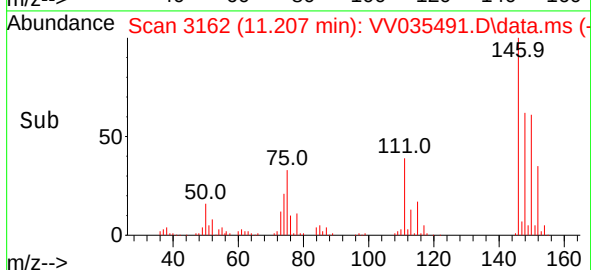
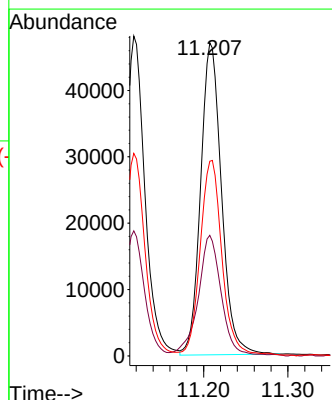
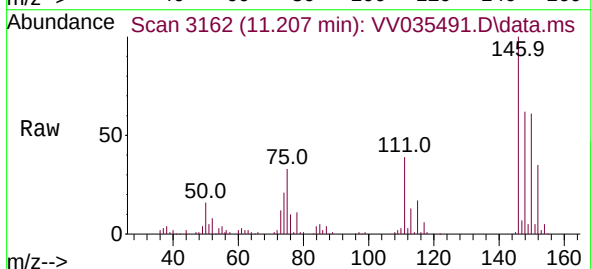
Tgt Ion:146 Resp: 81100

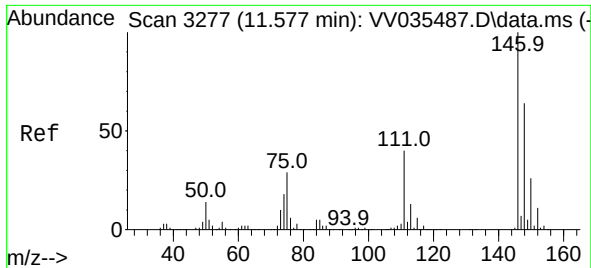
Ion Ratio Lower Upper

146 100

111 38.5 26.4 49.0

148 62.2 44.3 82.3





#67

1,2-Dichlorobenzene

Concen: 10.796 ug/L

RT: 11.577 min Scan# 3277

Delta R.T. 0.000 min

Lab File: VV035491.D

Acq: 01 May 2024 12:36

Instrument :

MSVOA_V

ClientSampleId :

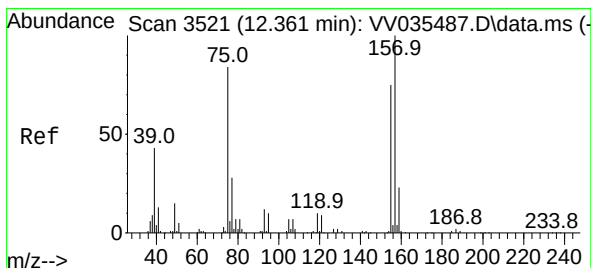
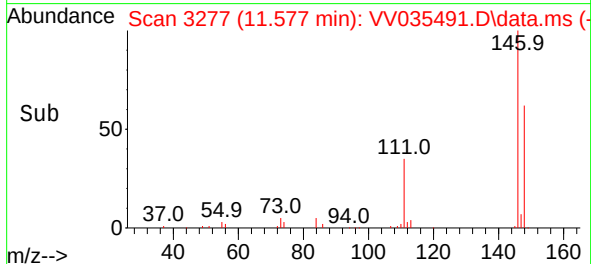
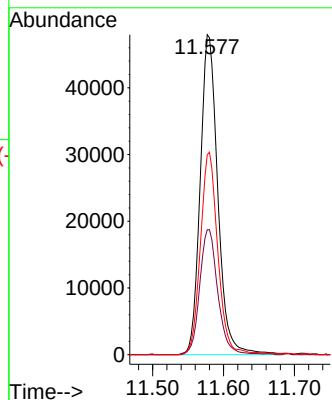
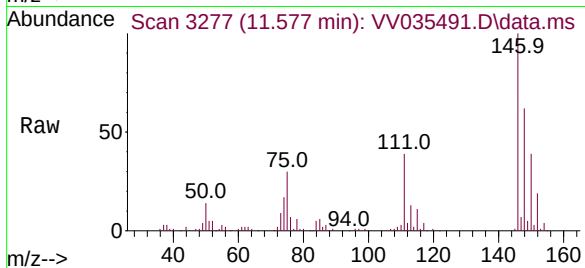
Tgt Ion:146 Resp: 82603

Ion Ratio Lower Upper

146 100

111 39.1 32.1 48.1

148 62.5 51.5 77.3



#68

1,2-Dibromo-3-chloropropane

Concen: 14.376 ug/L

RT: 12.365 min Scan# 3522

Delta R.T. 0.003 min

Lab File: VV035491.D

Acq: 01 May 2024 12:36

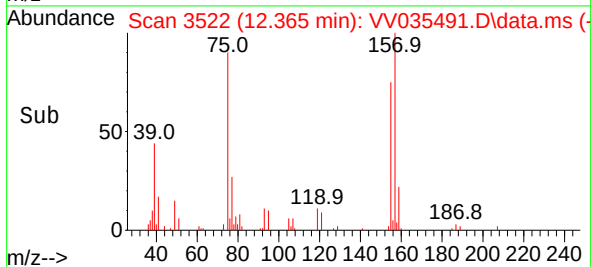
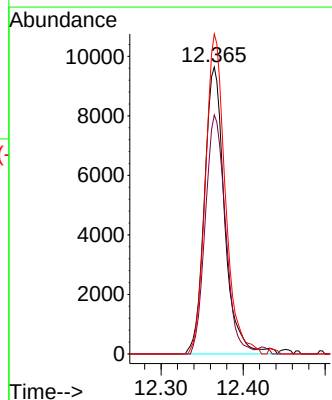
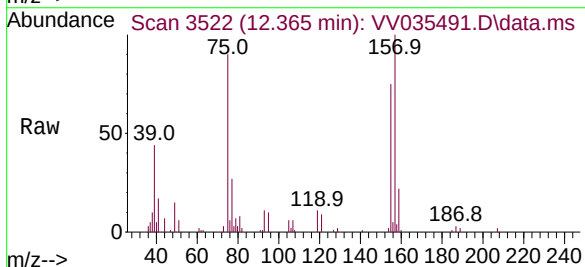
Tgt Ion: 75 Resp: 16496

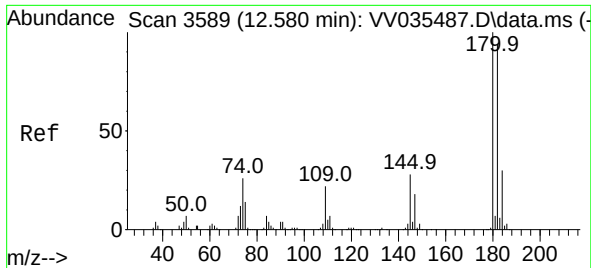
Ion Ratio Lower Upper

75 100

155 83.3 71.4 107.2

157 111.5 95.0 142.4





#69

1,3,5-Trichlorobenzene

Concen: 10.521 ug/L

RT: 12.583 min Scan# 3590

Delta R.T. 0.003 min

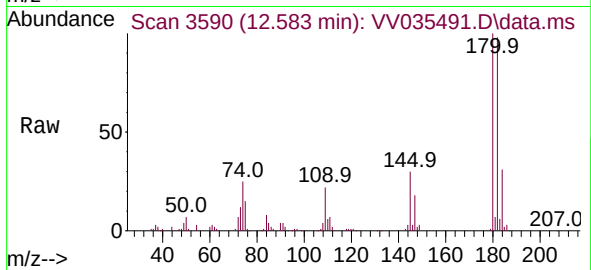
Lab File: VV035491.D

Acq: 01 May 2024 12:36

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 56506

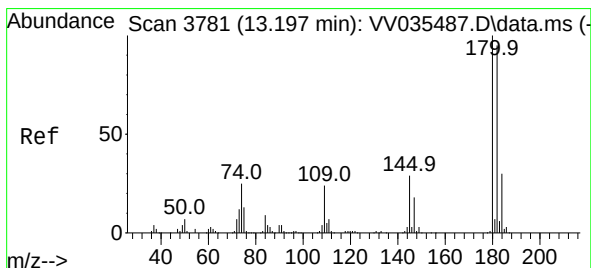
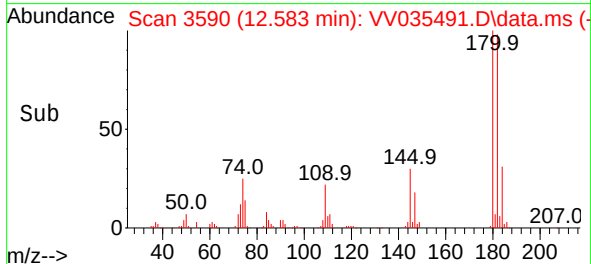
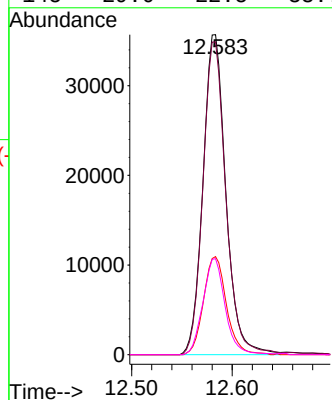
Ion Ratio Lower Upper

180 100

182 97.8 75.7 113.5

184 30.7 24.1 36.1

145 29.0 22.5 33.7



#70

1,2,4-trichlorobenzene

Concen: 11.714 ug/L

RT: 13.197 min Scan# 3781

Delta R.T. 0.000 min

Lab File: VV035491.D

Acq: 01 May 2024 12:36

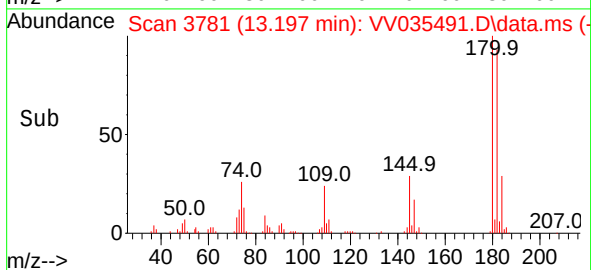
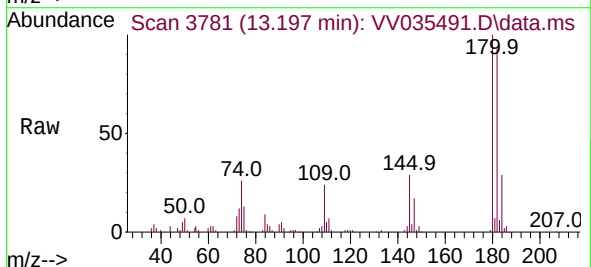
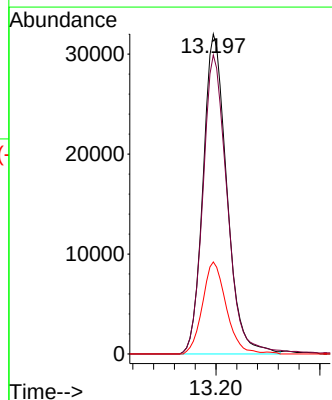
Tgt Ion:180 Resp: 50845

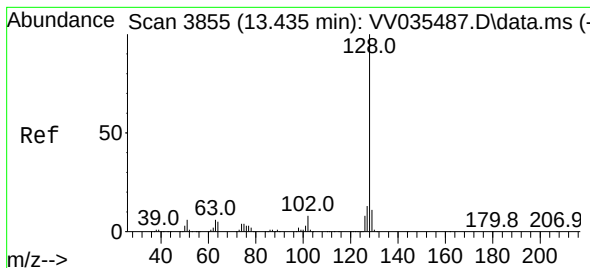
Ion Ratio Lower Upper

180 100

182 95.6 75.7 113.5

145 28.7 23.0 34.4





#71

Naphthalene

Concen: 13.266 ug/L

RT: 13.439 min Scan# 3855

Delta R.T. 0.003 min

Lab File: VV035491.D

Acq: 01 May 2024 12:36

Instrument :

MSVOA_V

ClientSampleId :

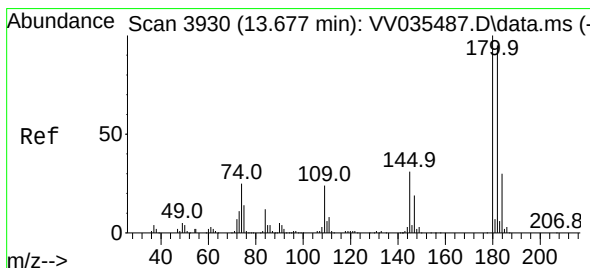
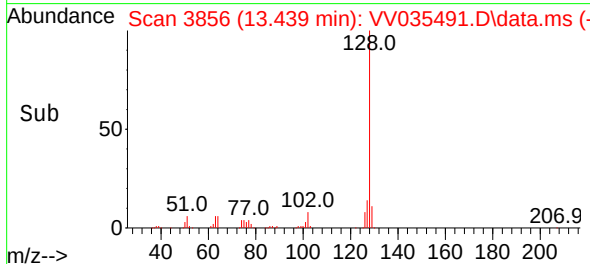
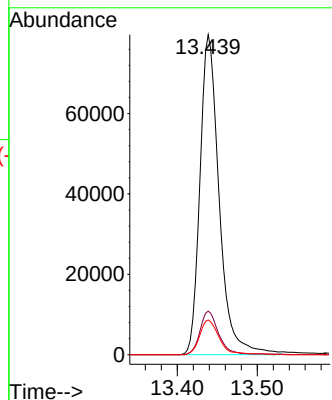
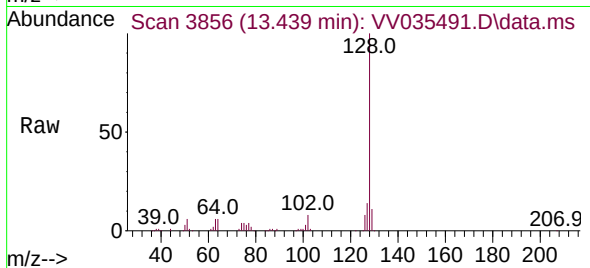
Tgt Ion:128 Resp: 133362

Ion Ratio Lower Upper

128 100

127 13.1 10.2 15.4

129 11.0 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 12.718 ug/L

RT: 13.680 min Scan# 3931

Delta R.T. 0.003 min

Lab File: VV035491.D

Acq: 01 May 2024 12:36

Tgt Ion:180 Resp: 54358

Ion Ratio Lower Upper

180 100

182 92.8 76.2 114.2

145 31.1 24.9 37.3

