

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090424\
 Data File : VV037202.D
 Acq On : 04 Sep 2024 16:52
 Operator : SY/MD
 Sample : P3391-03
 Misc : 5.00g/10mL/MSVOA_V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 05 02:27:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM090424SMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 05 02:17:17 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	567733	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	549637	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	263349	25.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	155395	15.281	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	61.120%
7) Chloroethane-d5	1.532	69	133945	16.968	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.880%
11) 1,1-Dichloroethene-d2	2.057	65	74006	16.179	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.720%
21) 2-Butanone-d5	3.835	46	84180	38.276	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.560%
24) Chloroform-d	4.243	84	322978	18.488	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	73.960%
26) 1,2-Dichloroethane-d4	4.941	65	175111	19.762	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	79.040%
32) Benzene-d6	4.954	84	655844	18.884	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	75.520%
36) 1,2-Dichloropropane-d6	5.986	67	210392	19.554	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	78.200%
41) Toluene-d8	7.240	98	568990	18.116	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	72.480%
43) trans-1,3-Dichloroprop...	7.555	79	74784	18.056	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	72.240%
47) 2-Hexanone-d5	8.034	63	51042	34.799	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	69.600%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	163375	19.754	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	79.000%
66) 1,2-Dichlorobenzene-d4	11.555	152	201718	19.623	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	78.480%

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.105	85	5942	0.760 ug/L	97
3) Chloromethane	1.217	50	9712	1.040 ug/L	95
5) Vinyl chloride	1.282	62	8214	0.894 ug/L #	59
6) Bromomethane	1.487	94	5189	0.976 ug/L	89
8) Chloroethane	1.549	64	4493	0.795 ug/L	89
9) Trichlorofluoromethane	1.712	101	9712	0.775 ug/L	89
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	7375	0.941 ug/L	87
12) 1,1-Dichloroethene	2.066	96	6922	0.970 ug/L #	1
13) Acetone	2.147	43	4164	1.513 ug/L	75
14) Carbon disulfide	2.237	76	18656	0.797 ug/L	98
16) Methylene chloride	2.442	84	29336	2.819 ug/L	98
17) trans-1,2-Dichloroethene	2.693	96	7037	0.904 ug/L	93
18) Methyl tert-butyl Ether	2.709	73	17199	0.944 ug/L #	94
19) 1,1-Dichloroethane	3.108	63	13271	0.890 ug/L	96
20) cis-1,2-Dichloroethene	3.812	96	7631	0.929 ug/L	78
23) Bromochloromethane	4.153	128	3232	0.882 ug/L	83
25) Chloroform	4.275	83	16201	1.120 ug/L	98
29) Cyclohexane	4.574	56	8802	0.710 ug/L #	58
30) 1,1,1-Trichloroethane	4.513	97	9519	0.780 ug/L #	47

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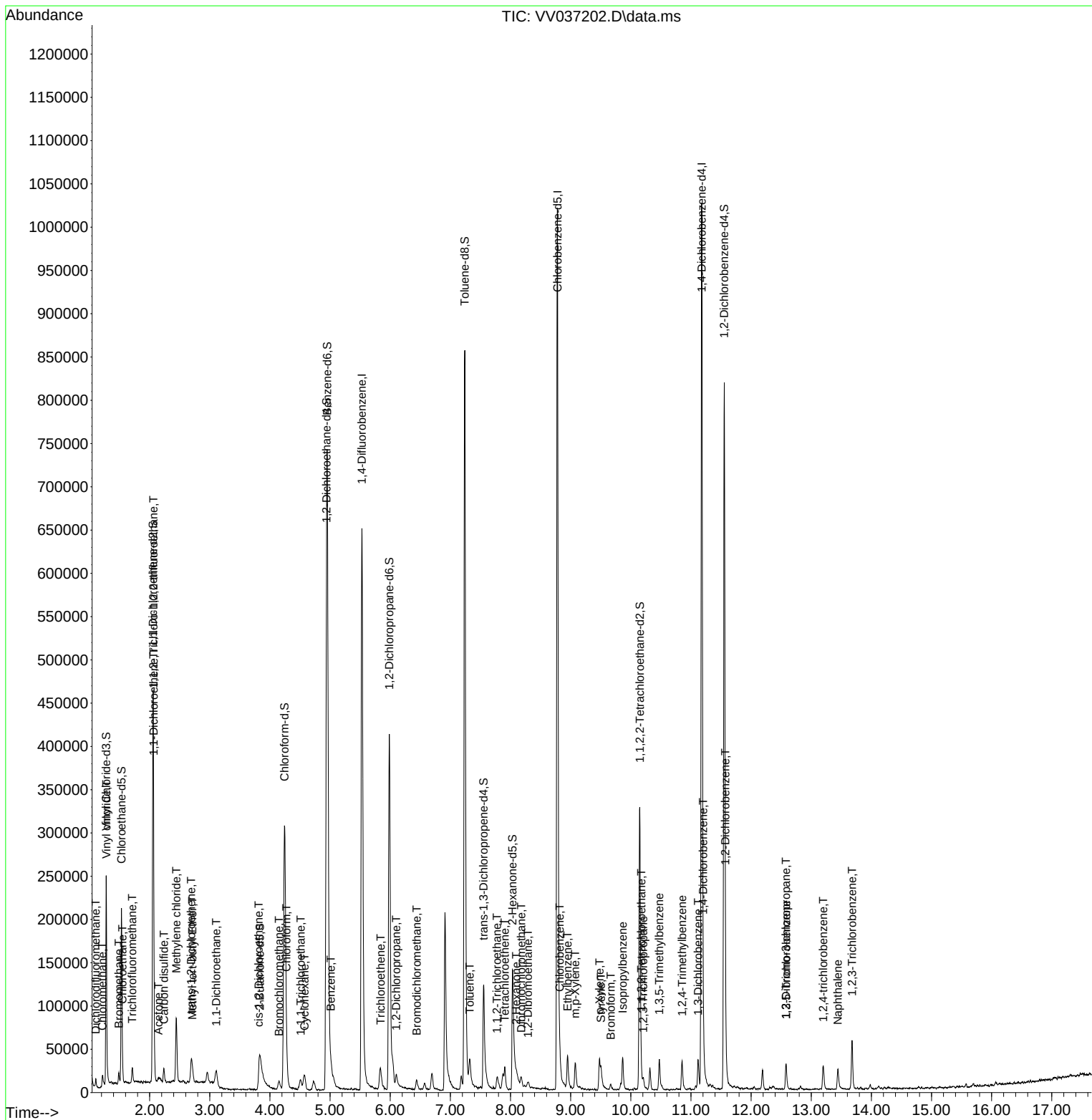
Instrument :
 MSVOA_V
 ClientSampleId :

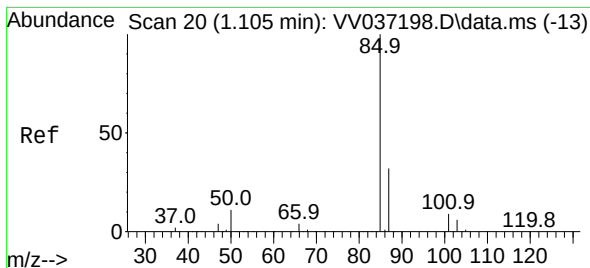
Quant Time: Sep 05 02:27:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM090424SMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 05 02:17:17 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) Benzene	5.011	78	25839	0.838	ug/L	100
34) Trichloroethene	5.841	95	7310	0.871	ug/L	92
37) 1,2-Dichloropropane	6.098	63	5893	0.730	ug/L #	92
38) Bromodichloromethane	6.439	83	7213	0.720	ug/L #	96
42) Toluene	7.323	91	25917	0.799	ug/L	92
45) 1,1,2-Trichloroethane	7.773	97	4957	0.823	ug/L	88
46) Tetrachloroethene	7.905	164	5150	0.835	ug/L	96
48) 2-Hexanone	8.098	43	8238	2.210	ug/L #	55
49) Dibromochloromethane	8.178	129	5425	0.865	ug/L	94
50) 1,2-Dibromoethane	8.291	107	4436	0.770	ug/L #	99
51) Chlorobenzene	8.818	112	17511	0.825	ug/L	93
52) Ethylbenzene	8.950	91	26501	0.729	ug/L	99
53) m,p-Xylene	9.079	106	8748	0.649	ug/L	94
54) o-Xylene	9.481	106	9525	0.733	ug/L	96
55) Styrene	9.506	104	14473	0.657	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.175	83	6667	0.928	ug/L #	79
59) Bromoform	9.667	173	2503	0.749	ug/L #	95
60) Isopropylbenzene	9.867	105	25303	0.740	ug/L	98
61) 1,2,3-Trichloropropane	10.207	75	4444	0.916	ug/L	97
62) 1,3,5-Trimethylbenzene	10.474	105	19541	0.719	ug/L	99
63) 1,2,4-Trimethylbenzene	10.854	105	17926	0.665	ug/L	99
64) 1,3-Dichlorobenzene	11.120	146	13304	0.853	ug/L	94
65) 1,4-Dichlorobenzene	11.204	146	13952	0.878	ug/L	99
67) 1,2-Dichlorobenzene	11.574	146	13281	0.918	ug/L #	90
68) 1,2-Dibromo-3-chloropr...	12.580	75	1780	1.625	ug/L #	5
69) 1,3,5-Trichlorobenzene	12.583	180	8844	0.799	ug/L	97
70) 1,2,4-trichlorobenzene	13.198	180	8436	0.864	ug/L	94
71) Naphthalene	13.442	128	19265	1.011	ug/L #	97
72) 1,2,3-Trichlorobenzene	13.680	180	7966	0.888	ug/L	95

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

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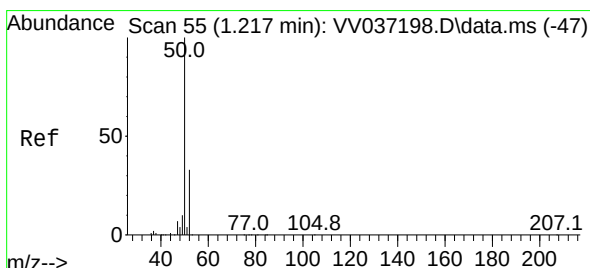
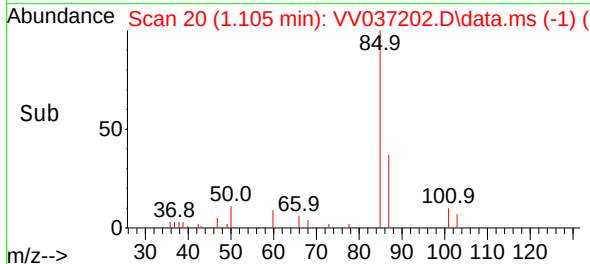
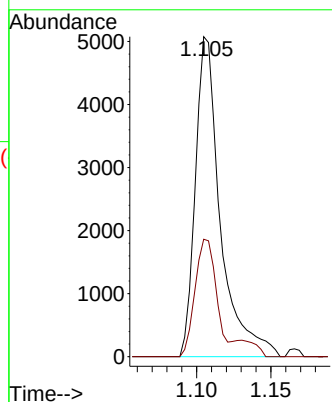
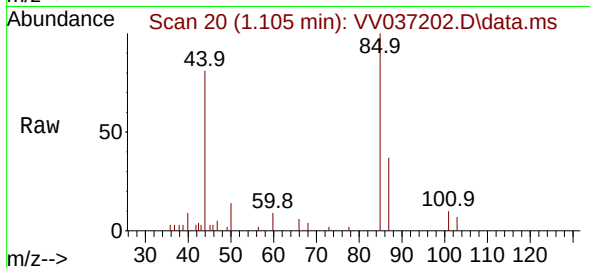




#2
Dichlorodifluoromethane
Concen: 0.760 ug/L
RT: 1.105 min Scan# 20
Delta R.T. 0.000 min
Lab File: VV037202.D
Acq: 04 Sep 2024 16:52

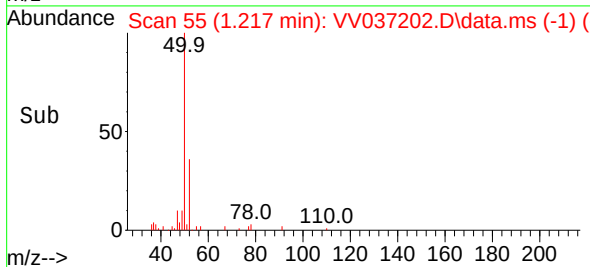
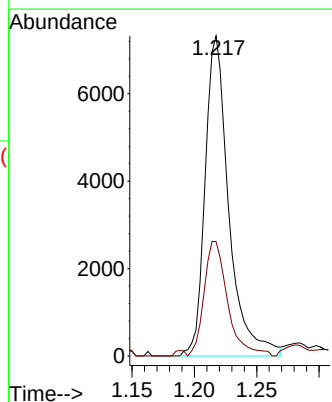
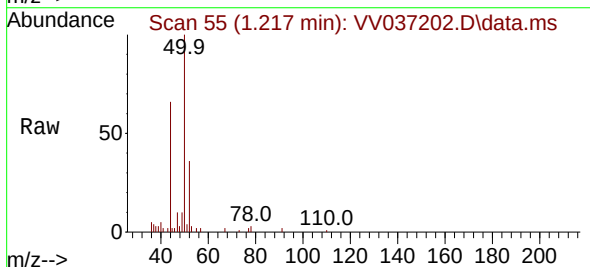
Instrument :
MSVOA_V
ClientSampleId :

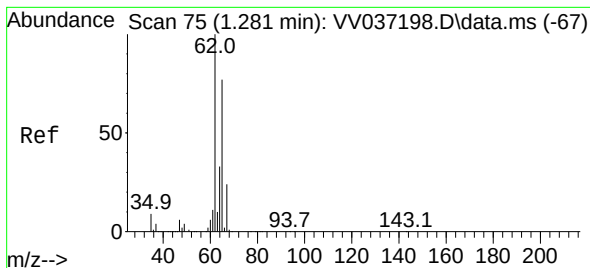
Tgt Ion: 85 Resp: 5942
Ion Ratio Lower Upper
85 100
87 31.1 26.1 39.1



#3
Chloromethane
Concen: 1.040 ug/L
RT: 1.217 min Scan# 55
Delta R.T. 0.000 min
Lab File: VV037202.D
Acq: 04 Sep 2024 16:52

Tgt Ion: 50 Resp: 9712
Ion Ratio Lower Upper
50 100
52 35.8 22.9 42.5





#5

Vinyl chloride

Concen: 0.894 ug/L

RT: 1.282 min Scan# 75

Delta R.T. 0.000 min

Lab File: VV037202.D

Acq: 04 Sep 2024 16:52

Instrument :

MSVOA_V

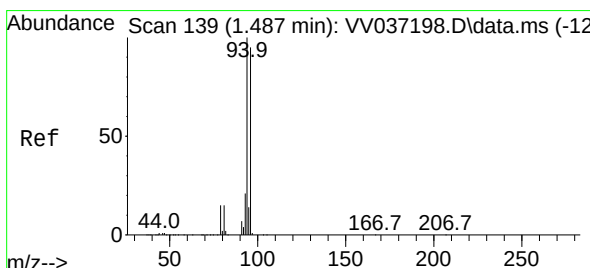
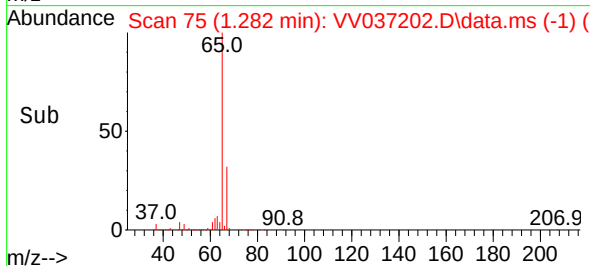
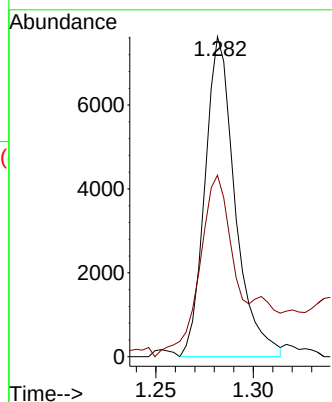
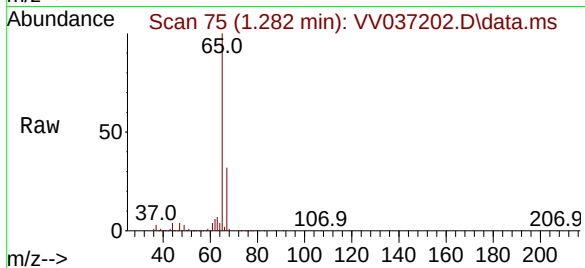
ClientSampleId :

Tgt Ion: 62 Resp: 8214

Ion Ratio Lower Upper

62 100

64 56.7 23.2 43.2#



#6

Bromomethane

Concen: 0.976 ug/L

RT: 1.487 min Scan# 139

Delta R.T. 0.000 min

Lab File: VV037202.D

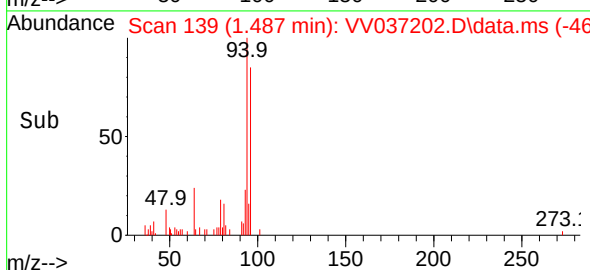
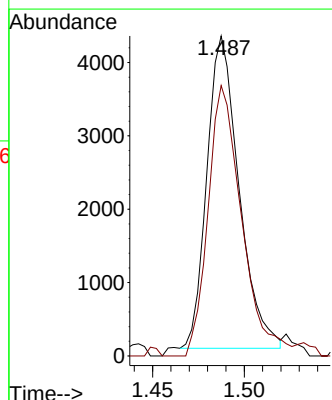
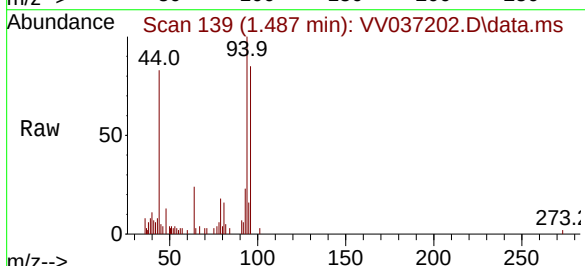
Acq: 04 Sep 2024 16:52

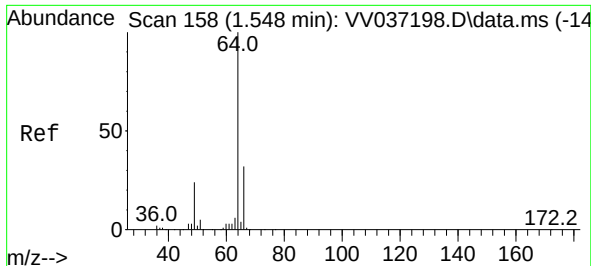
Tgt Ion: 94 Resp: 5189

Ion Ratio Lower Upper

94 100

96 84.5 66.6 123.6

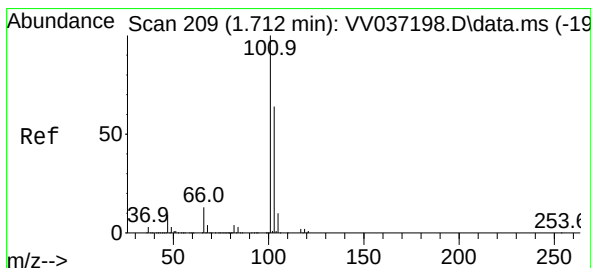
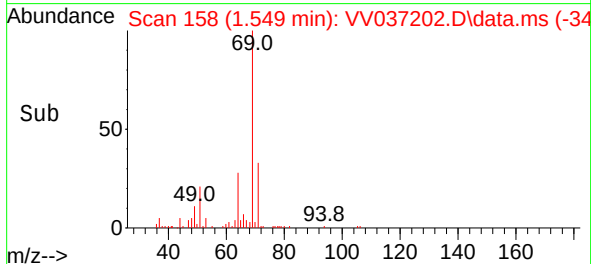
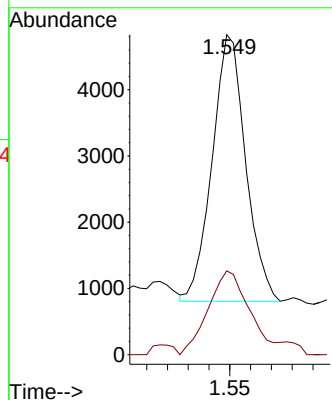
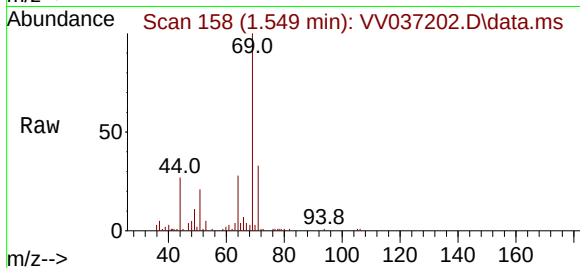




#8
Chloroethane
Concen: 0.795 ug/L
RT: 1.549 min Scan# 158
Delta R.T. 0.000 min
Lab File: VV037202.D
Acq: 04 Sep 2024 16:52

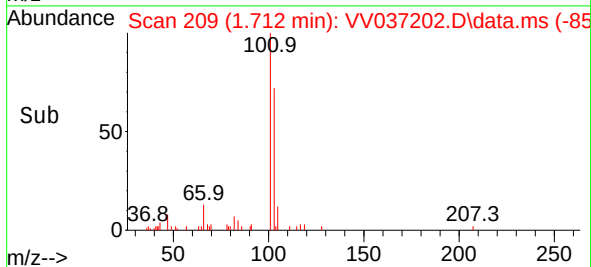
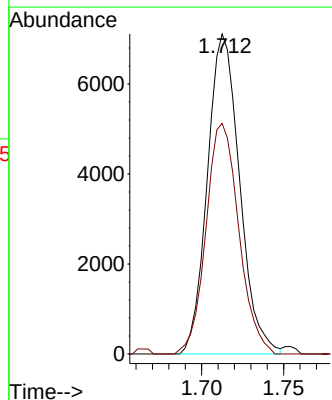
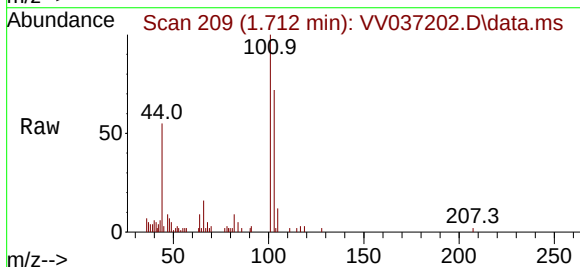
Instrument :
MSVOA_V
ClientSampleId :

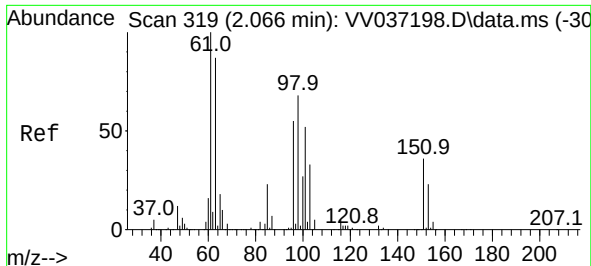
Tgt Ion: 64 Resp: 4493
Ion Ratio Lower Upper
64 100
66 26.2 22.7 42.1



#9
Trichlorofluoromethane
Concen: 0.775 ug/L
RT: 1.712 min Scan# 209
Delta R.T. 0.000 min
Lab File: VV037202.D
Acq: 04 Sep 2024 16:52

Tgt Ion:101 Resp: 9712
Ion Ratio Lower Upper
101 100
103 73.3 51.4 77.2

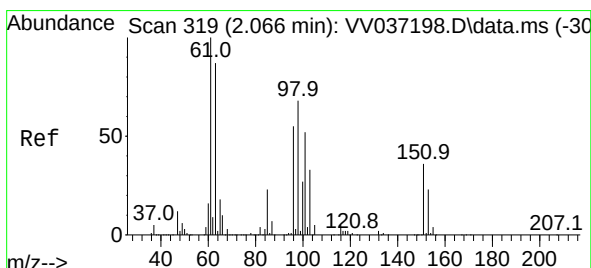
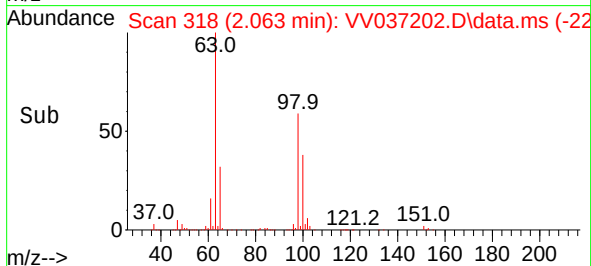
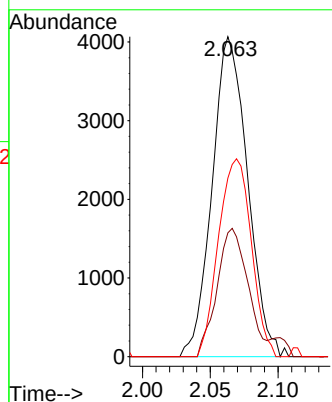
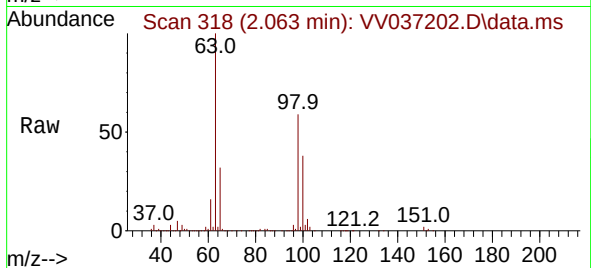




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.941 ug/L
RT: 2.063 min Scan# 318
Delta R.T. -0.003 min
Lab File: VV037202.D
Acq: 04 Sep 2024 16:52

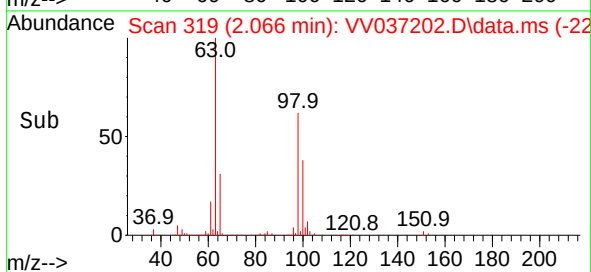
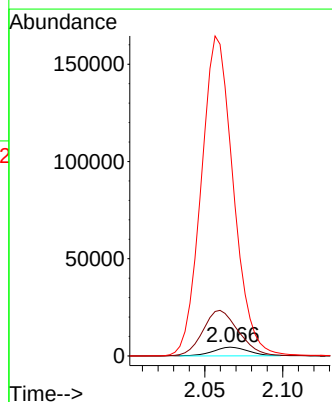
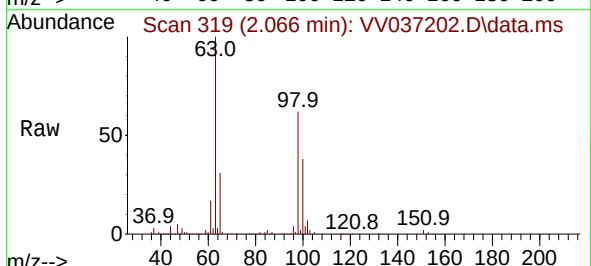
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ClientSampleId :

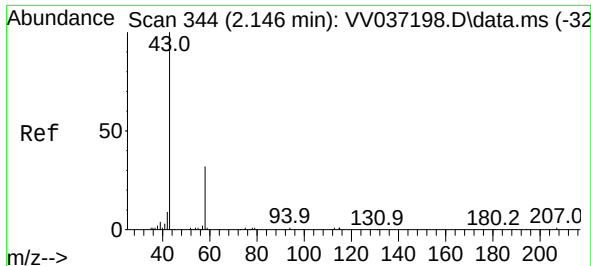
Tgt Ion:101 Resp: 7375
Ion Ratio Lower Upper
101 100
85 35.2 34.7 52.1
151 57.5 54.3 81.5



#12
1,1-Dichloroethene
Concen: 0.970 ug/L
RT: 2.066 min Scan# 319
Delta R.T. 0.000 min
Lab File: VV037202.D
Acq: 04 Sep 2024 16:52

Tgt Ion: 96 Resp: 6922
Ion Ratio Lower Upper
96 100
61 413.9 126.8 235.6#
63 2395.4 110.4 205.0#





#13

Acetone

Concen: 1.513 ug/L

RT: 2.147 min Scan# 344

Delta R.T. 0.000 min

Lab File: VV037202.D

Acq: 04 Sep 2024 16:52

Instrument :

MSVOA_V

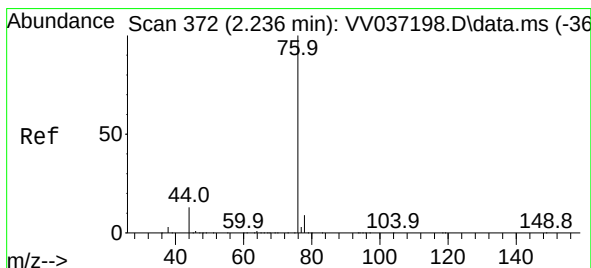
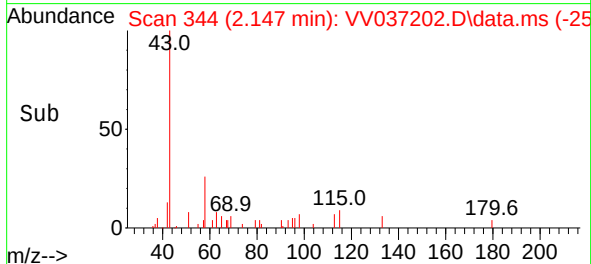
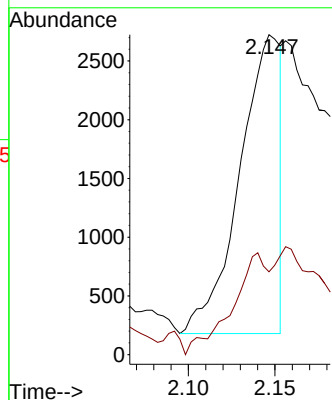
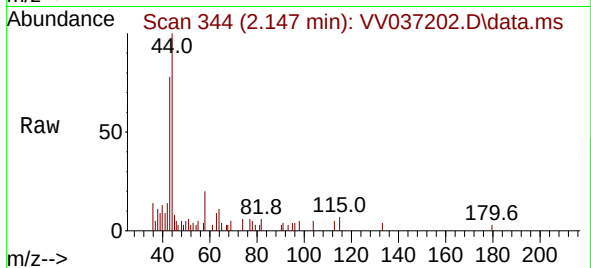
ClientSampleId :

Tgt Ion: 43 Resp: 4164

Ion Ratio Lower Upper

43 100

58 20.7 0.0 22.2



#14

Carbon disulfide

Concen: 0.797 ug/L

RT: 2.237 min Scan# 372

Delta R.T. 0.000 min

Lab File: VV037202.D

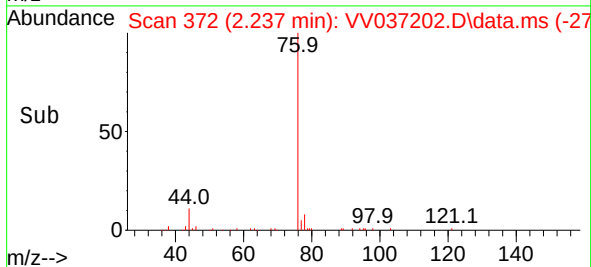
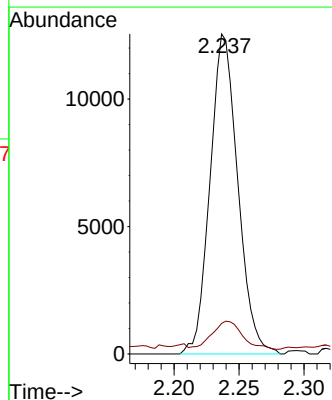
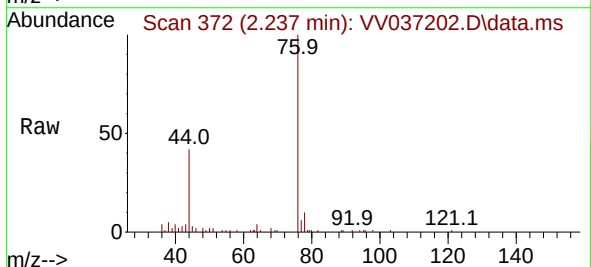
Acq: 04 Sep 2024 16:52

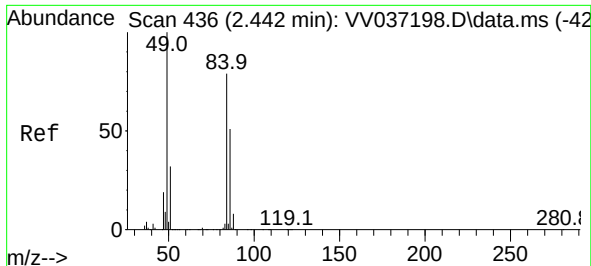
Tgt Ion: 76 Resp: 18656

Ion Ratio Lower Upper

76 100

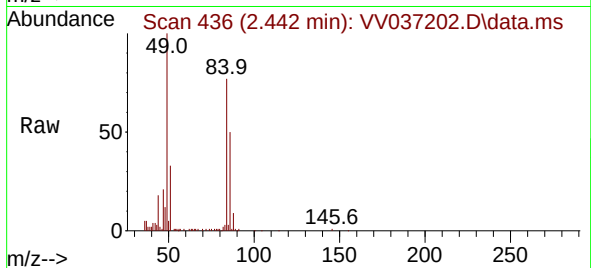
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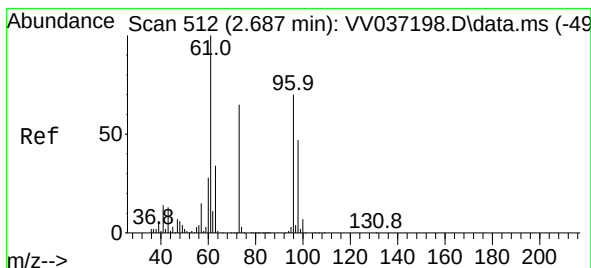
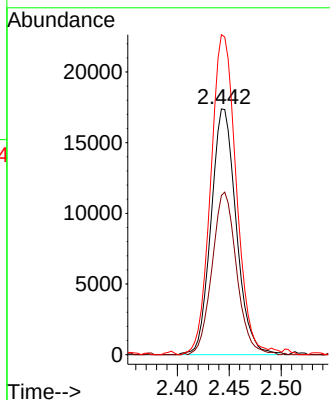
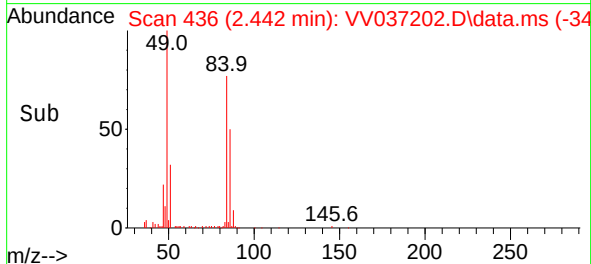


#16
Methylene chloride
Concen: 2.819 ug/L
RT: 2.442 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV037202.D
Acq: 04 Sep 2024 16:52

Instrument :
MSVOA_V
ClientSampleId :

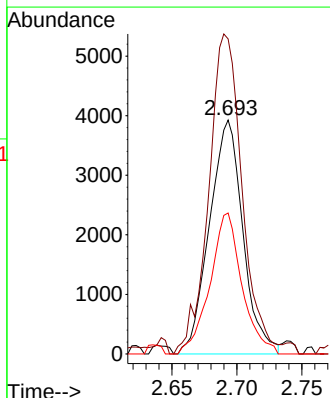
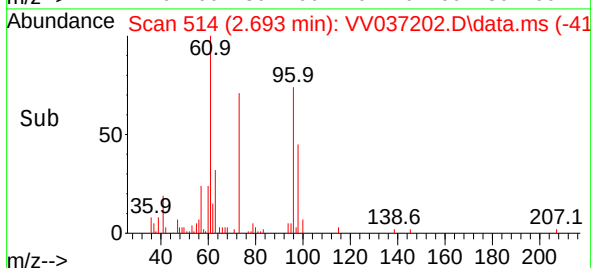
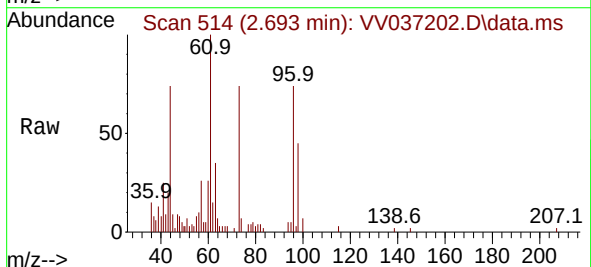


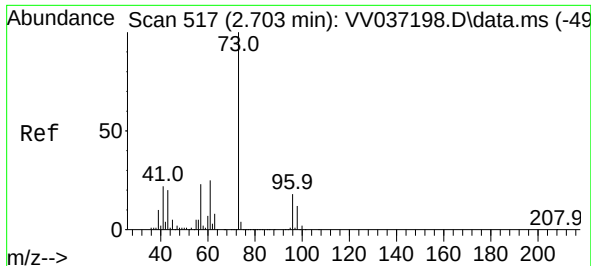
Tgt Ion: 84 Resp: 29336
Ion Ratio Lower Upper
84 100
86 64.7 45.4 84.2
49 130.2 88.7 164.7



#17
trans-1,2-Dichloroethene
Concen: 0.904 ug/L
RT: 2.693 min Scan# 514
Delta R.T. 0.007 min
Lab File: VV037202.D
Acq: 04 Sep 2024 16:52

Tgt Ion: 96 Resp: 7037
Ion Ratio Lower Upper
96 100
61 134.7 99.7 185.1
98 60.2 46.4 86.2





#18

Methyl tert-butyl Ether

Concen: 0.944 ug/L

RT: 2.709 min Scan# 517

Delta R.T. 0.007 min

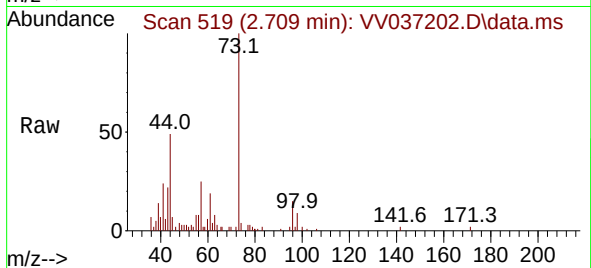
Lab File: VV037202.D

Acq: 04 Sep 2024 16:52

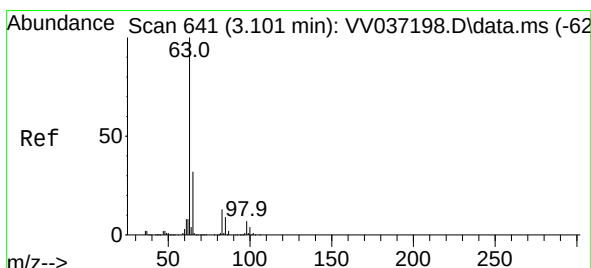
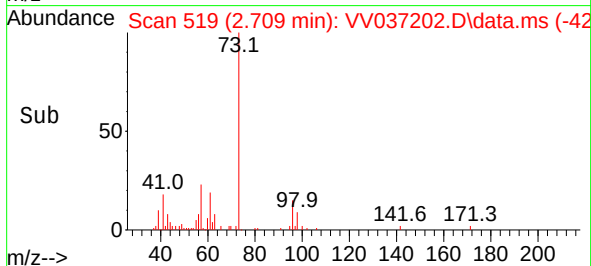
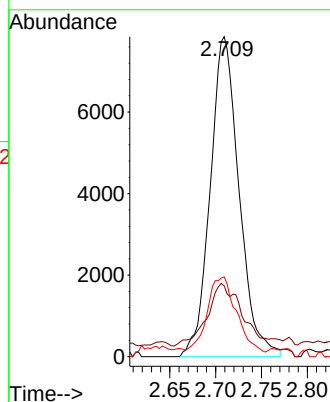
Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:	73	Resp:	17199
Ion	Ratio	Lower	Upper
73	100		
43	14.9	15.7	23.5#
57	23.8	18.3	27.5



#19

1,1-Dichloroethane

Concen: 0.890 ug/L

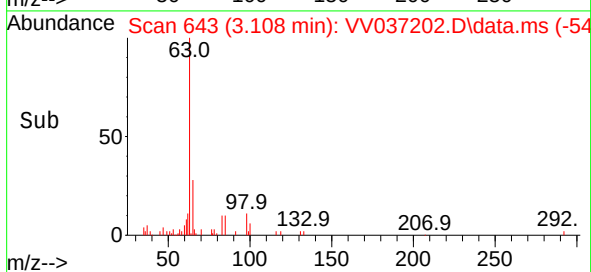
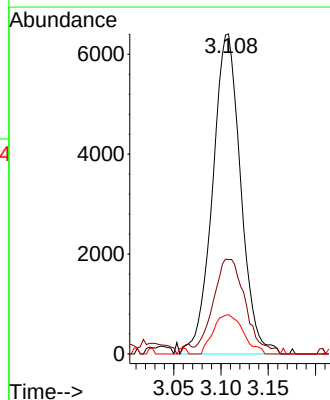
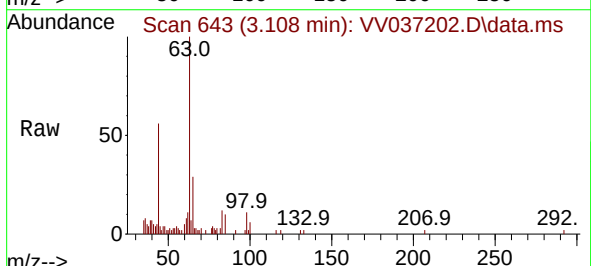
RT: 3.108 min Scan# 643

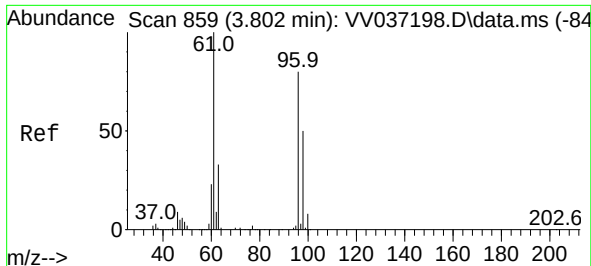
Delta R.T. 0.007 min

Lab File: VV037202.D

Acq: 04 Sep 2024 16:52

Tgt Ion:	63	Resp:	13271
Ion	Ratio	Lower	Upper
63	100		
65	29.4	22.4	41.6
83	12.3	9.3	17.3





#20

cis-1,2-Dichloroethene

Concen: 0.929 ug/L

RT: 3.812 min Scan# 862

Delta R.T. 0.010 min

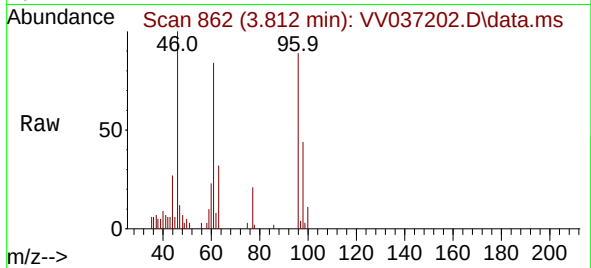
Lab File: VV037202.D

Acq: 04 Sep 2024 16:52

Instrument :

MSVOA_V

ClientSampleId :



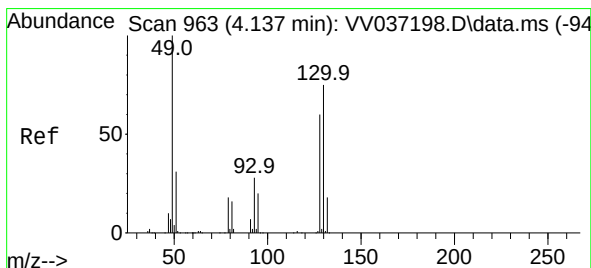
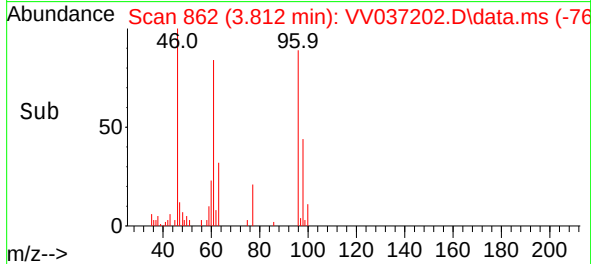
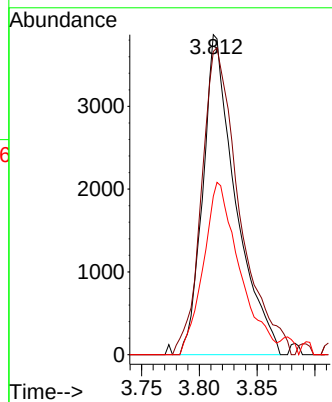
Tgt Ion: 96 Resp: 7631

Ion Ratio Lower Upper

96 100

61 94.7 87.6 162.6

98 53.1 44.0 81.6



#23

Bromochloromethane

Concen: 0.882 ug/L

RT: 4.153 min Scan# 968

Delta R.T. 0.016 min

Lab File: VV037202.D

Acq: 04 Sep 2024 16:52

Tgt Ion:128 Resp: 3232

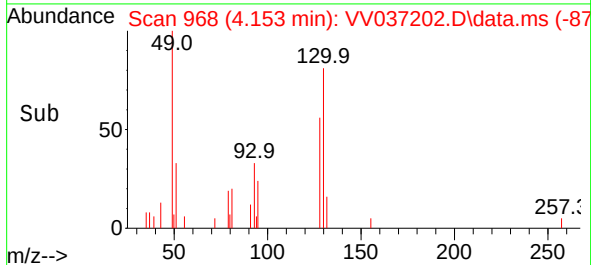
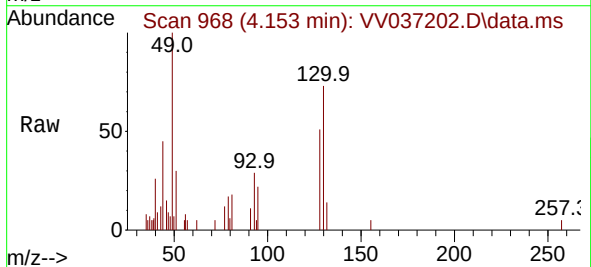
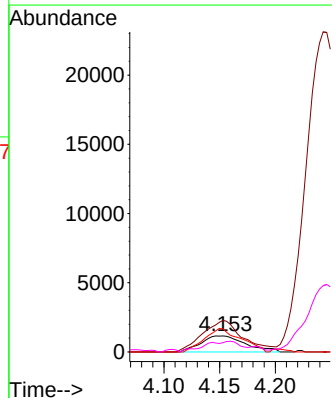
Ion Ratio Lower Upper

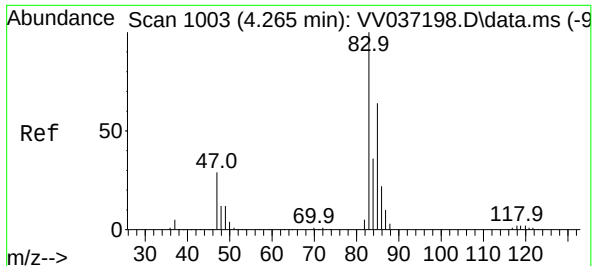
128 100

49 196.8 117.8 218.8

130 143.8 88.4 164.2

51 58.1 42.2 63.4





#25

Chloroform

Concen: 1.120 ug/L

RT: 4.275 min Scan# 1

Delta R.T. 0.010 min

Lab File: VV037202.D

Acq: 04 Sep 2024 16:52

Instrument :

MSVOA_V

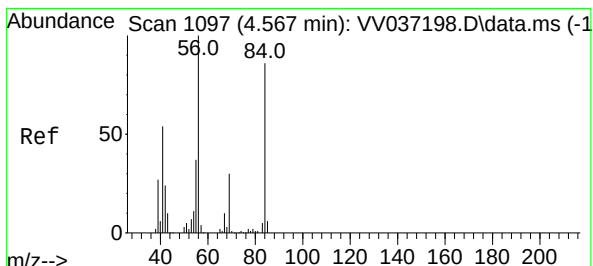
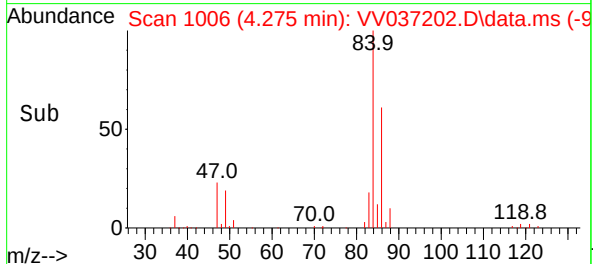
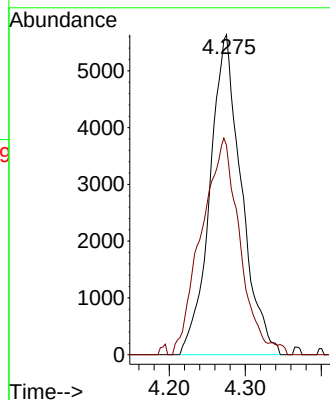
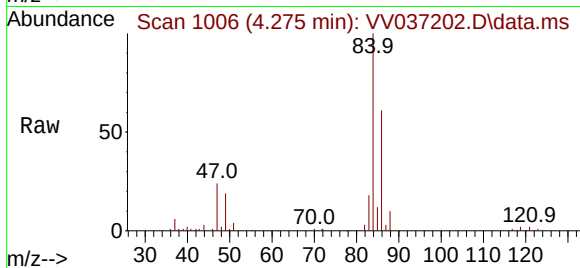
ClientSampleId :

Tgt Ion: 83 Resp: 16201

Ion Ratio Lower Upper

83 100

85 65.5 44.9 83.3



#29

Cyclohexane

Concen: 0.710 ug/L

RT: 4.574 min Scan# 1099

Delta R.T. 0.007 min

Lab File: VV037202.D

Acq: 04 Sep 2024 16:52

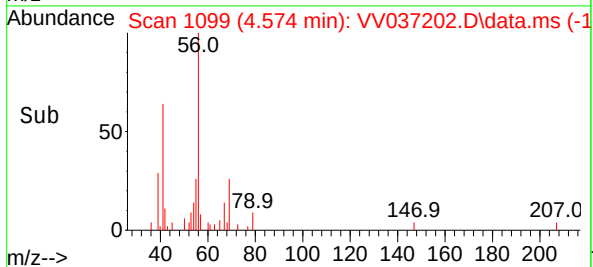
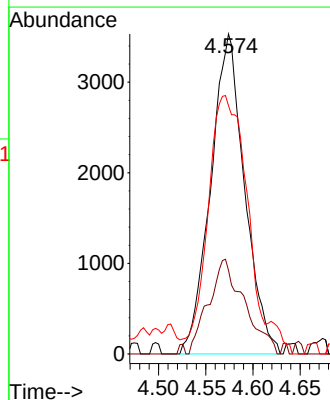
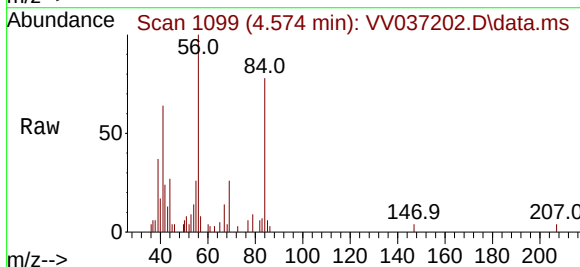
Tgt Ion: 56 Resp: 8802

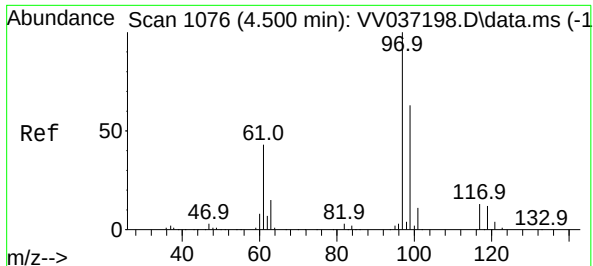
Ion Ratio Lower Upper

56 100

69 5.7 24.3 36.5#

84 50.2 71.1 106.7#





#30

1,1,1-Trichloroethane

Concen: 0.780 ug/L

RT: 4.513 min Scan# 1

Delta R.T. 0.013 min

Lab File: VV037202.D

Acq: 04 Sep 2024 16:52

Instrument :

MSVOA_V

ClientSampleId :

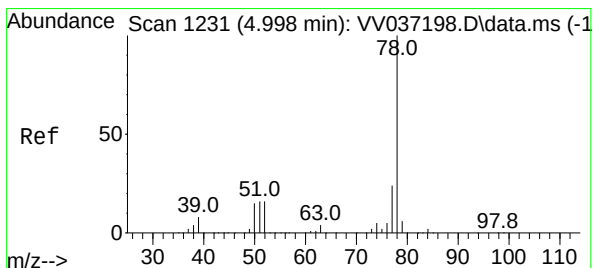
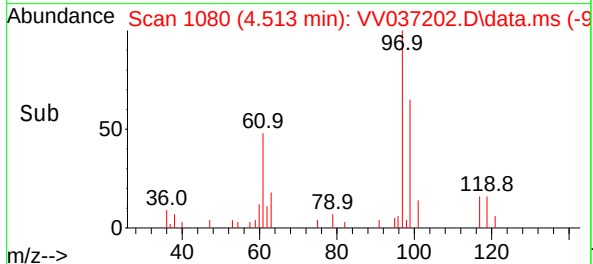
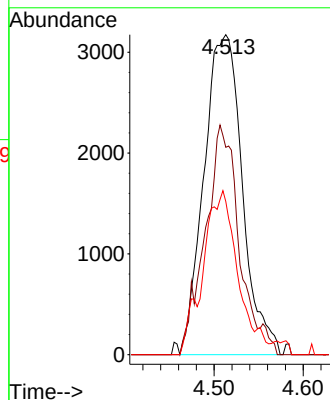
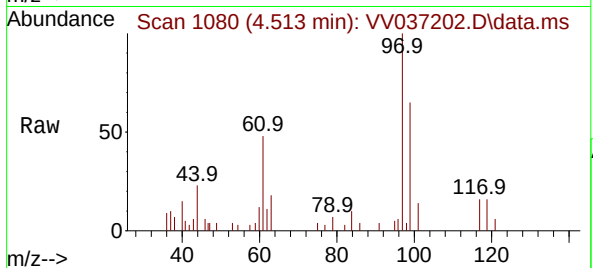
Tgt Ion: 97 Resp: 9519

Ion Ratio Lower Upper

97 100

99 23.6 51.5 77.3#

61 9.6 35.4 53.2#



#33

Benzene

Concen: 0.838 ug/L

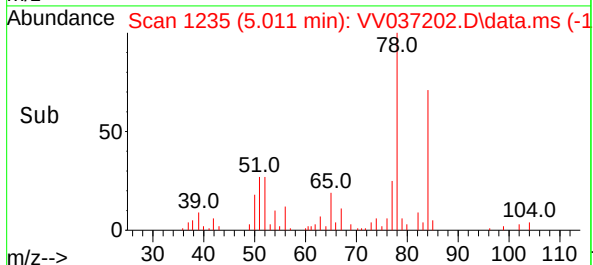
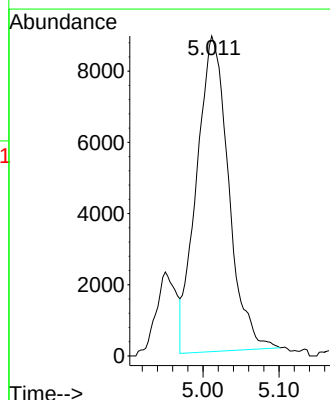
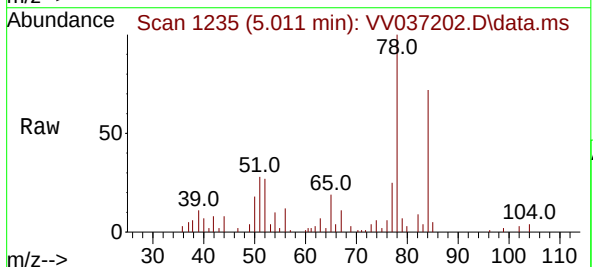
RT: 5.011 min Scan# 1235

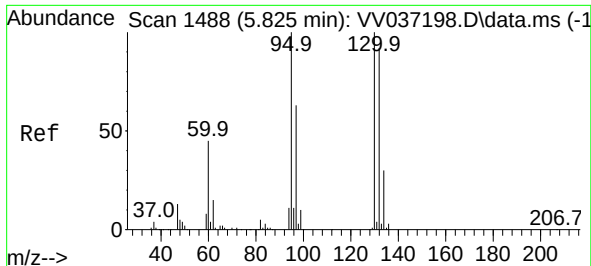
Delta R.T. 0.013 min

Lab File: VV037202.D

Acq: 04 Sep 2024 16:52

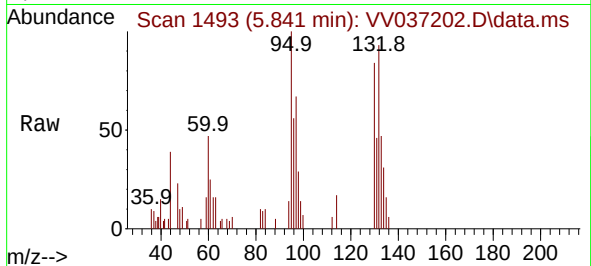
Tgt Ion: 78 Resp: 25839





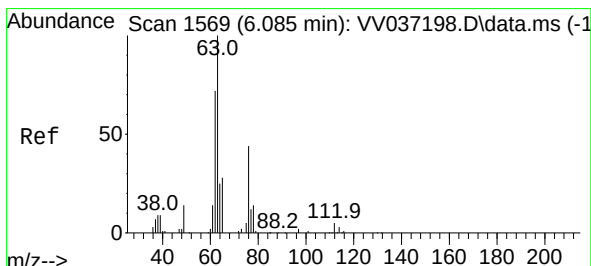
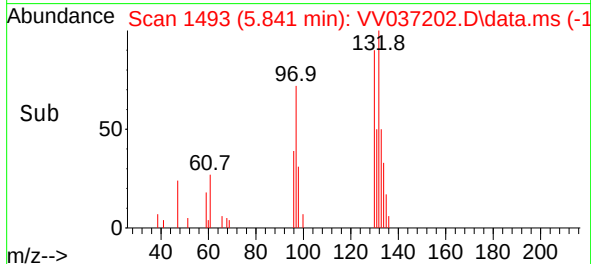
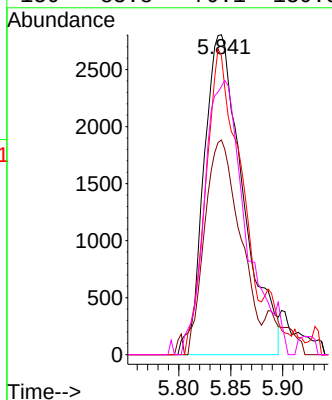
#34
Trichloroethene
Concen: 0.871 ug/L
RT: 5.841 min Scan# 1488
Delta R.T. 0.016 min
Lab File: VV037202.D
Acq: 04 Sep 2024 16:52

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 95 Resp: 7310

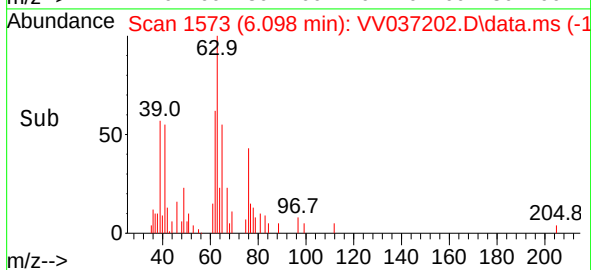
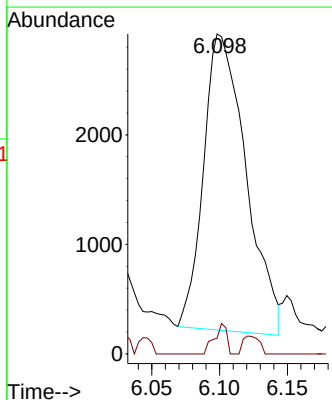
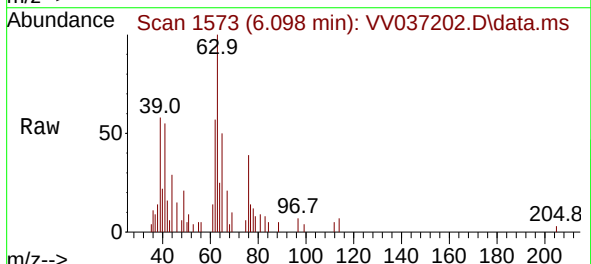
Ion	Ratio	Lower	Upper
95	100		
97	67.1	44.0	81.6
132	93.4	64.3	119.5
130	83.8	70.1	130.3

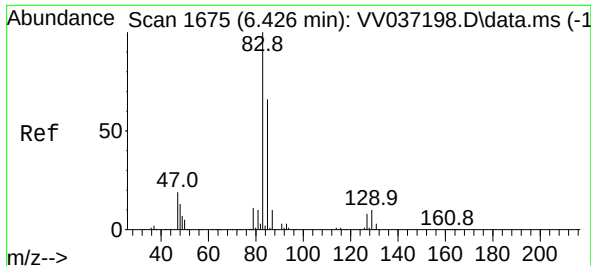


#37
1,2-Dichloropropane
Concen: 0.730 ug/L
RT: 6.098 min Scan# 1573
Delta R.T. 0.013 min
Lab File: VV037202.D
Acq: 04 Sep 2024 16:52

Tgt Ion: 63 Resp: 5893

Ion	Ratio	Lower	Upper
63	100		
112	2.2	3.8	5.6#





#38

Bromodichloromethane

Concen: 0.720 ug/L

RT: 6.439 min Scan# 1

Delta R.T. 0.013 min

Lab File: VV037202.D

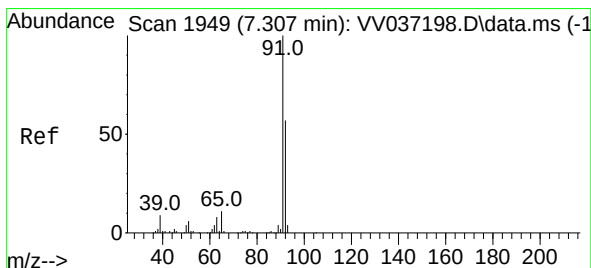
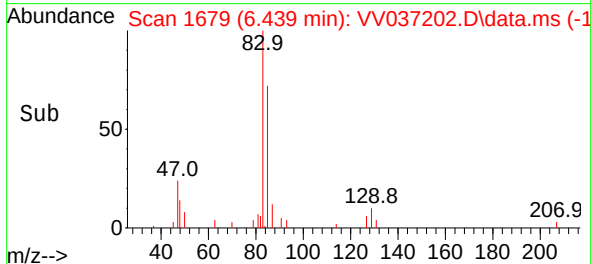
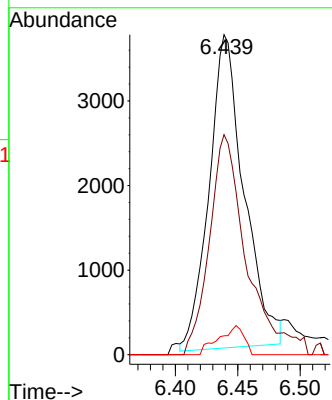
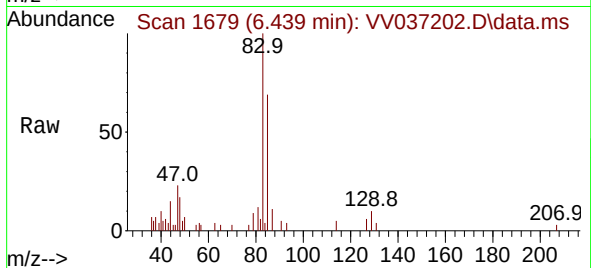
Acq: 04 Sep 2024 16:52

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 83	Resp:	7213
Ion Ratio	Lower	Upper
83	100	
85	68.8	45.9 85.3
127	5.9	6.5 9.7#



#42

Toluene

Concen: 0.799 ug/L

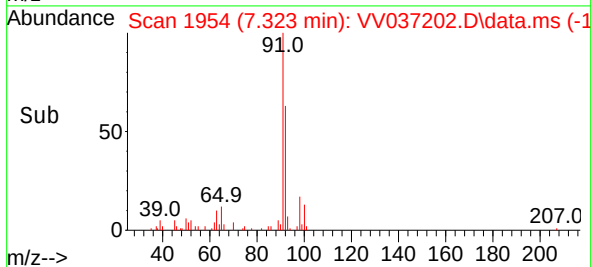
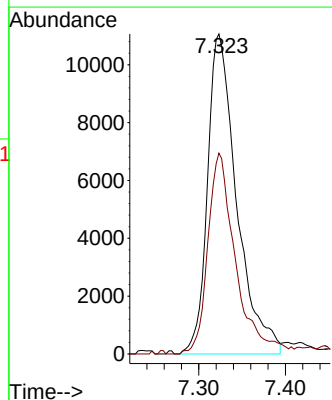
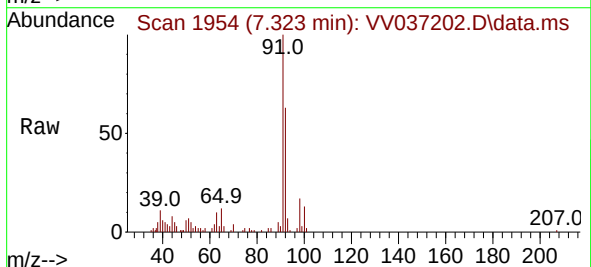
RT: 7.323 min Scan# 1954

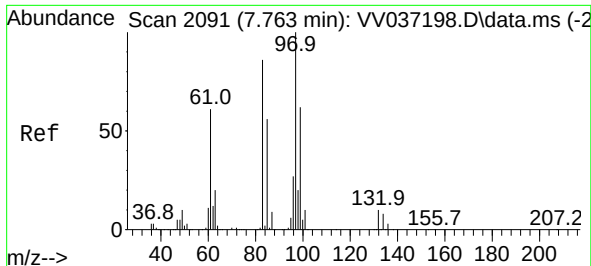
Delta R.T. 0.016 min

Lab File: VV037202.D

Acq: 04 Sep 2024 16:52

Tgt Ion: 91	Resp:	25917
Ion Ratio	Lower	Upper
91	100	
92	62.7	39.7 73.7





#45

1,1,2-Trichloroethane

Concen: 0.823 ug/L

RT: 7.773 min Scan# 2091

Delta R.T. 0.010 min

Lab File: VV037202.D

Acq: 04 Sep 2024 16:52

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 4957

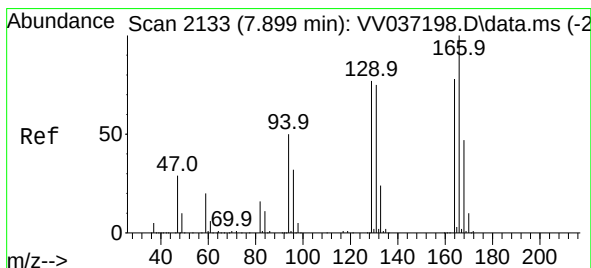
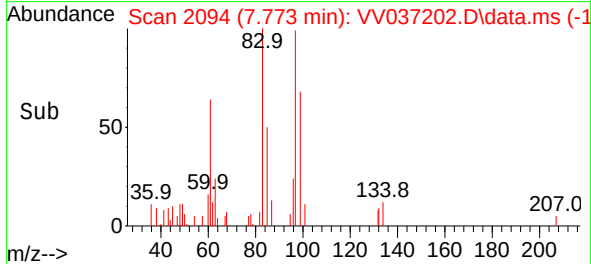
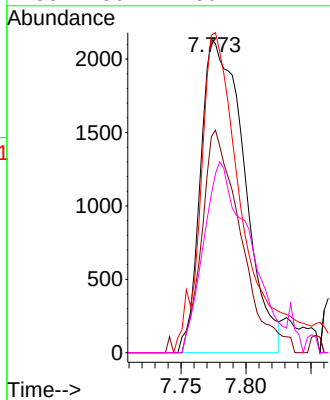
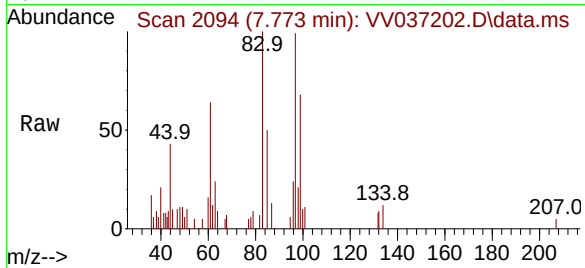
Ion Ratio Lower Upper

97 100

99 68.8 43.2 80.2

83 101.2 60.0 111.4

85 50.4 39.1 72.5



#46

Tetrachloroethene

Concen: 0.835 ug/L

RT: 7.905 min Scan# 2135

Delta R.T. 0.007 min

Lab File: VV037202.D

Acq: 04 Sep 2024 16:52

Tgt Ion: 164 Resp: 5150

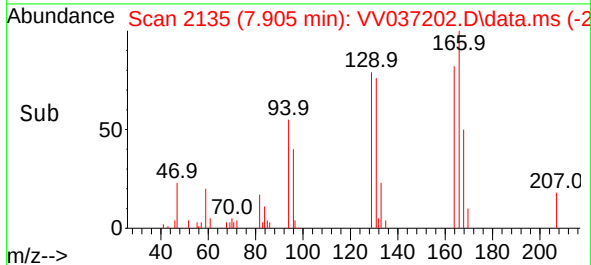
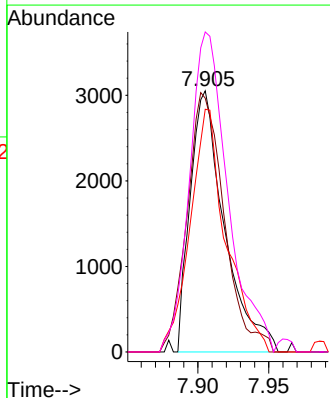
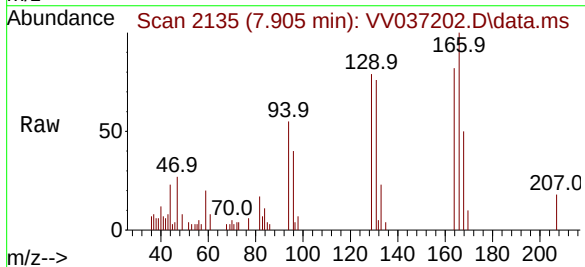
Ion Ratio Lower Upper

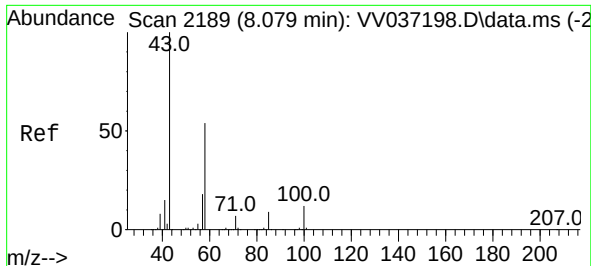
164 100

129 97.2 70.0 130.0

131 93.0 68.0 126.2

166 122.6 90.3 167.7





#48

2-Hexanone

Concen: 2.210 ug/L

RT: 8.098 min Scan# 2195

Delta R.T. 0.019 min

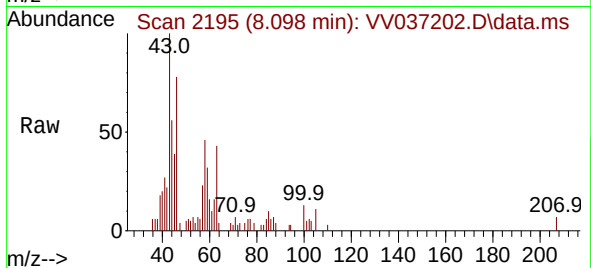
Lab File: VV037202.D

Acq: 04 Sep 2024 16:52

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 43 Resp: 8238

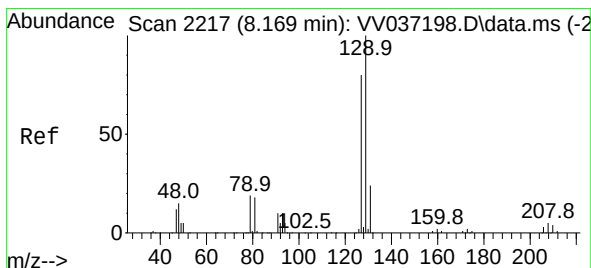
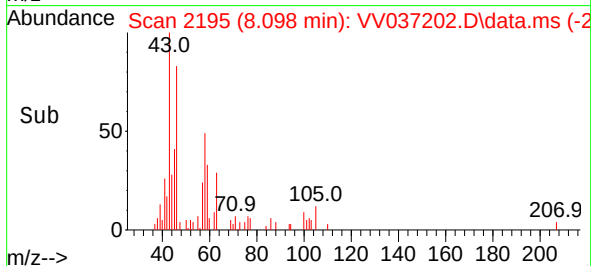
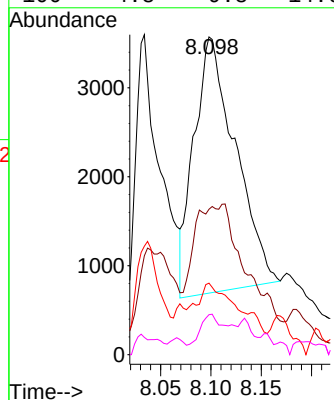
Ion	Ratio	Lower	Upper
-----	-------	-------	-------

43	100		
----	-----	--	--

58	10.5	42.9	64.3#
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57	10.0	14.6	21.8#
----	------	------	-------

100	4.8	9.8	14.6#
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#49

Dibromochloromethane

Concen: 0.865 ug/L

RT: 8.178 min Scan# 2220

Delta R.T. 0.010 min

Lab File: VV037202.D

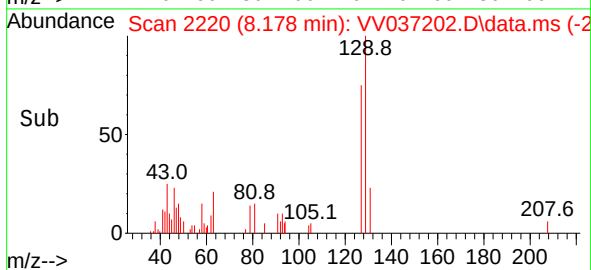
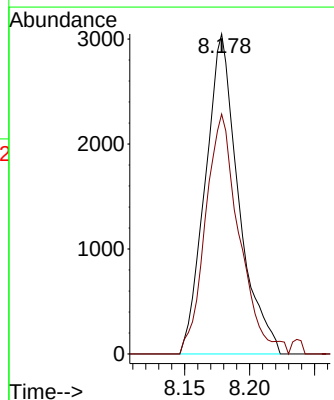
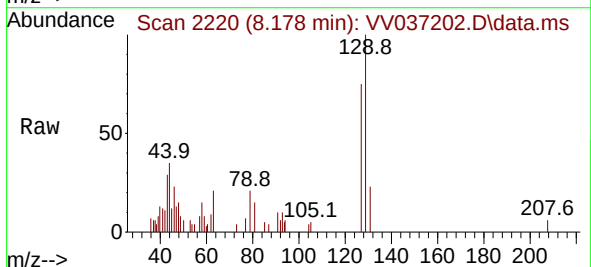
Acq: 04 Sep 2024 16:52

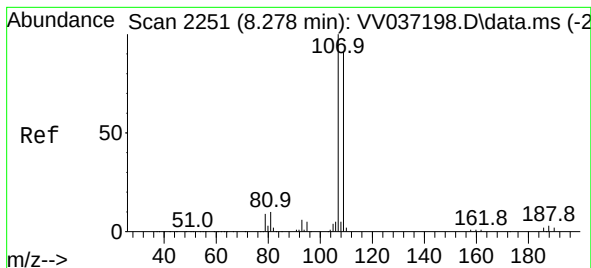
Tgt Ion: 129 Resp: 5425

Ion	Ratio	Lower	Upper
-----	-------	-------	-------

129	100		
-----	-----	--	--

127	74.9	56.0	104.0
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#50

1,2-Dibromoethane

Concen: 0.770 ug/L

RT: 8.291 min Scan# 2419

Delta R.T. 0.013 min

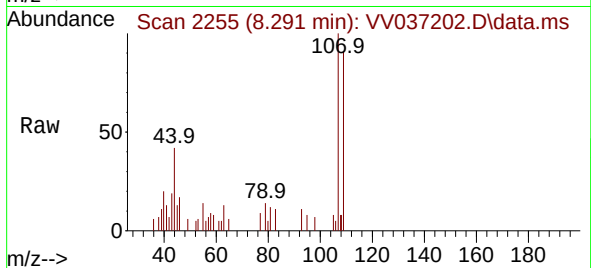
Lab File: VV037202.D

Acq: 04 Sep 2024 16:52

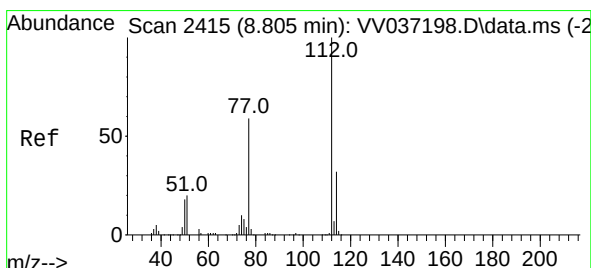
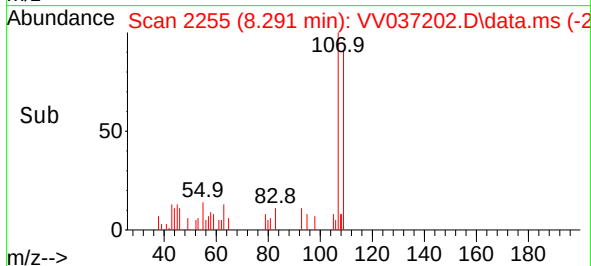
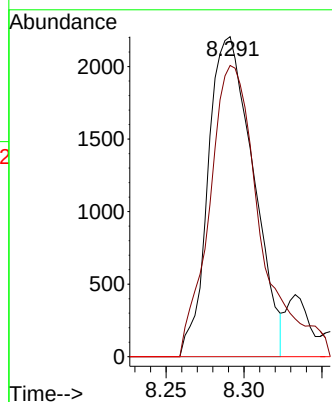
Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:	107	Resp:	4436
Ion Ratio	Lower	Upper	
107	100		
109	91.0	63.5	117.9
188	0.0	2.5	3.7#



#51

Chlorobenzene

Concen: 0.825 ug/L

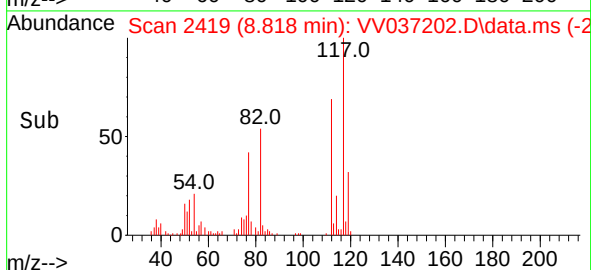
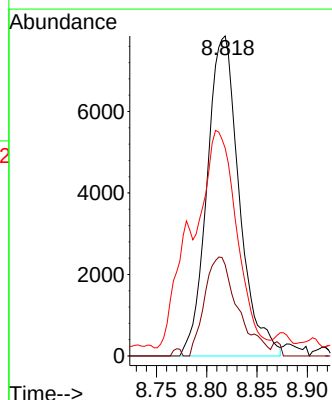
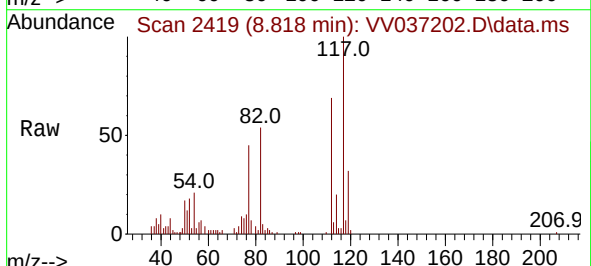
RT: 8.818 min Scan# 2419

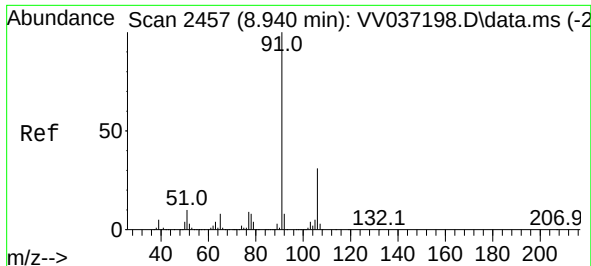
Delta R.T. 0.013 min

Lab File: VV037202.D

Acq: 04 Sep 2024 16:52

Tgt Ion:	112	Resp:	17511
Ion Ratio	Lower	Upper	
112	100		
114	28.5	22.4	41.6
77	65.0	47.5	71.3





#52

Ethylbenzene

Concen: 0.729 ug/L

RT: 8.950 min Scan# 2457

Delta R.T. 0.010 min

Lab File: VV037202.D

Acq: 04 Sep 2024 16:52

Instrument :

MSVOA_V

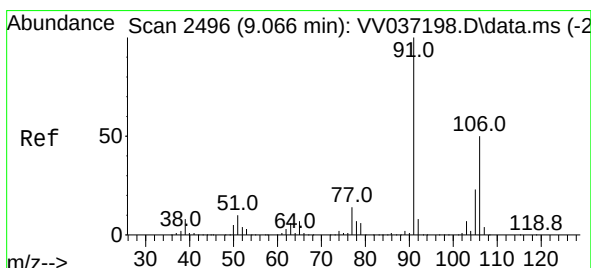
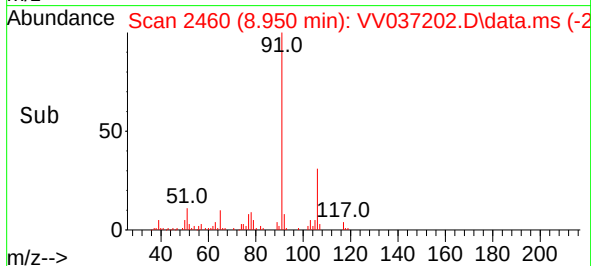
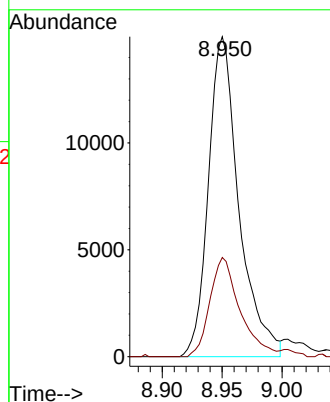
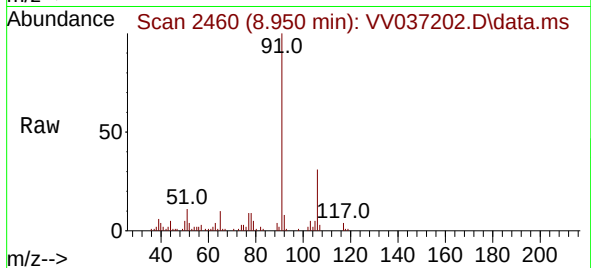
ClientSampleId :

Tgt Ion: 91 Resp: 26501

Ion Ratio Lower Upper

91 100

106 31.0 21.5 39.9



#53

m,p-Xylene

Concen: 0.649 ug/L

RT: 9.079 min Scan# 2500

Delta R.T. 0.013 min

Lab File: VV037202.D

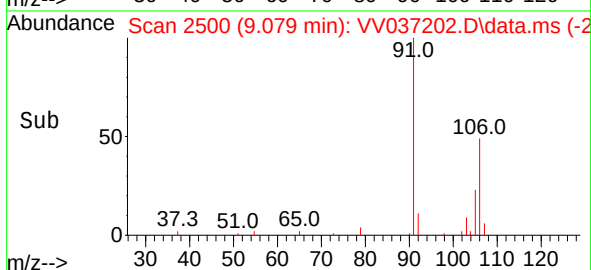
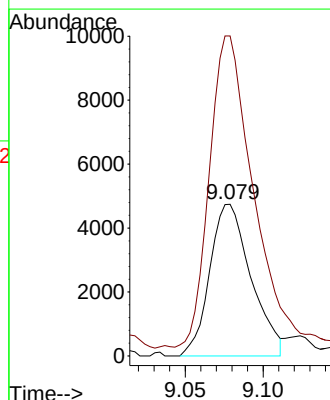
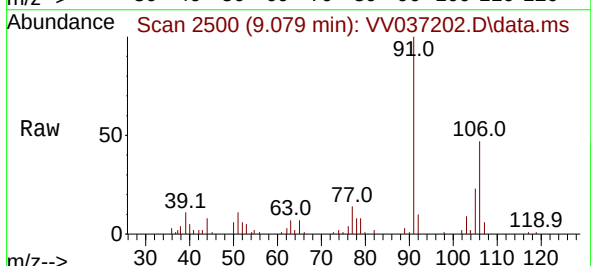
Acq: 04 Sep 2024 16:52

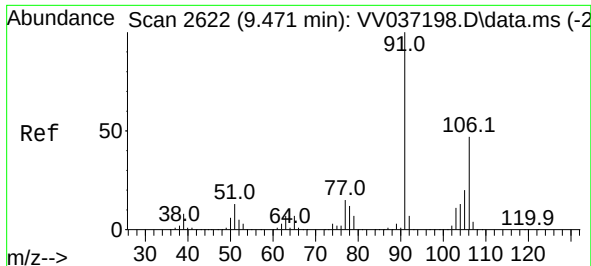
Tgt Ion: 106 Resp: 8748

Ion Ratio Lower Upper

106 100

91 211.0 141.6 263.0

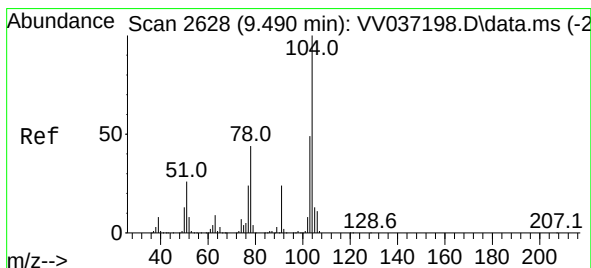
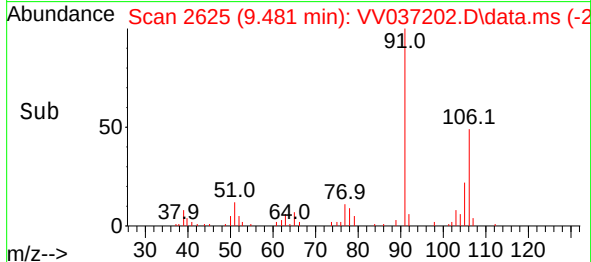
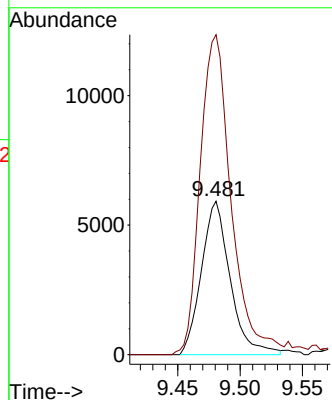
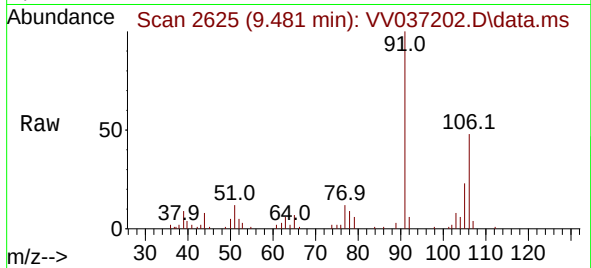




#54
o-Xylene
Concen: 0.733 ug/L
RT: 9.481 min Scan# 2622
Delta R.T. 0.010 min
Lab File: VV037202.D
Acq: 04 Sep 2024 16:52

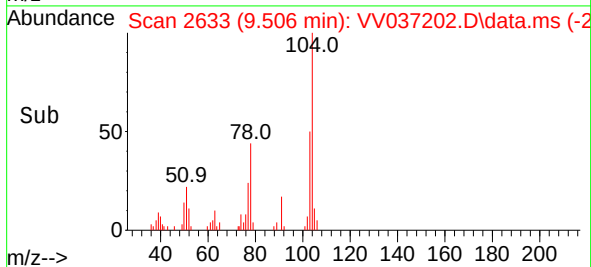
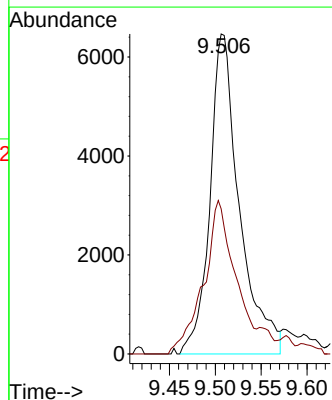
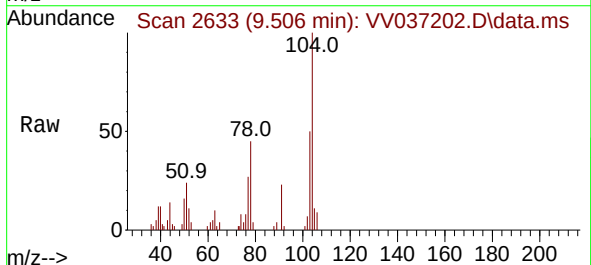
Instrument :
MSVOA_V
ClientSampleId :

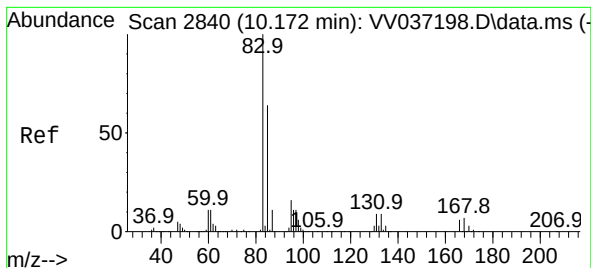
Tgt Ion:106 Resp: 9525
Ion Ratio Lower Upper
106 100
91 208.5 150.4 279.4



#55
Styrene
Concen: 0.657 ug/L
RT: 9.506 min Scan# 2633
Delta R.T. 0.016 min
Lab File: VV037202.D
Acq: 04 Sep 2024 16:52

Tgt Ion:104 Resp: 14473
Ion Ratio Lower Upper
104 100
78 45.3 30.6 56.8





#57

1,1,2,2-Tetrachloroethane

Concen: 0.928 ug/L

RT: 10.175 min Scan# 2840

Delta R.T. 0.003 min

Lab File: VV037202.D

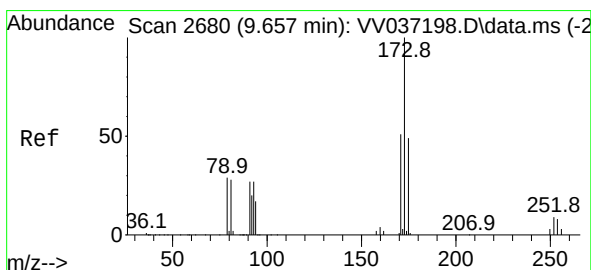
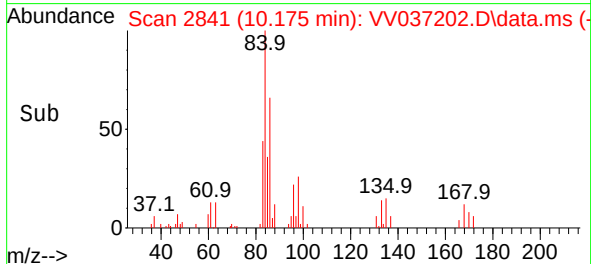
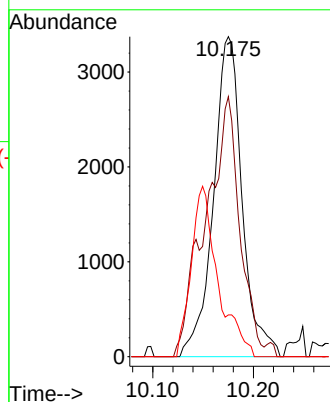
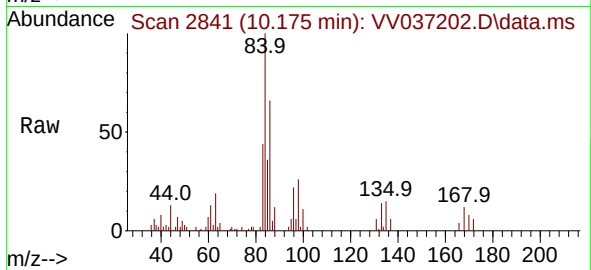
Acq: 04 Sep 2024 16:52

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	83	Resp:	6667
Ion	Ratio	Lower	Upper
83	100		
85	81.2	44.9	83.3
131	13.1	7.1	10.7#



#59

Bromoform

Concen: 0.749 ug/L

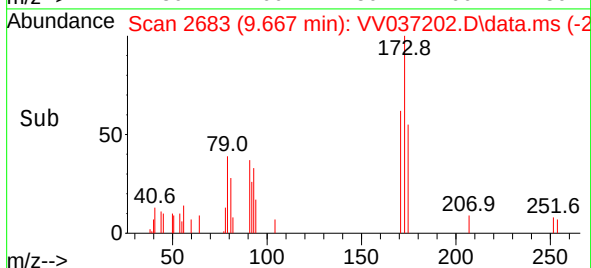
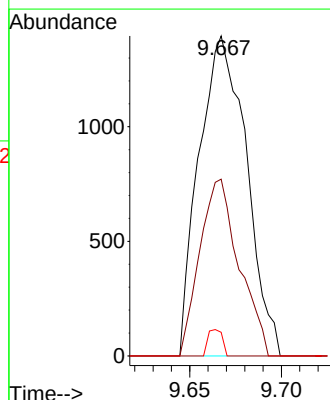
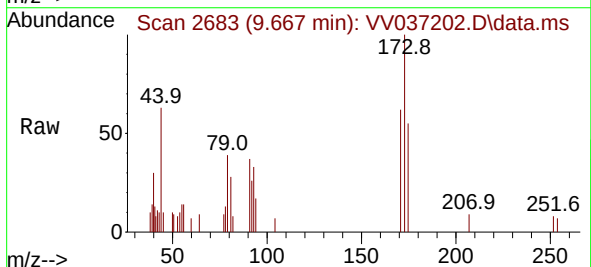
RT: 9.667 min Scan# 2683

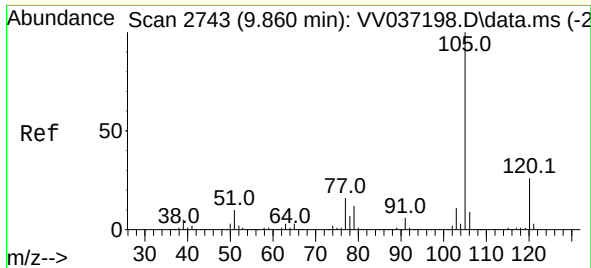
Delta R.T. 0.010 min

Lab File: VV037202.D

Acq: 04 Sep 2024 16:52

Tgt Ion:	173	Resp:	2503
Ion	Ratio	Lower	Upper
173	100		
175	45.9	38.6	57.8
254	2.5	6.6	9.8#

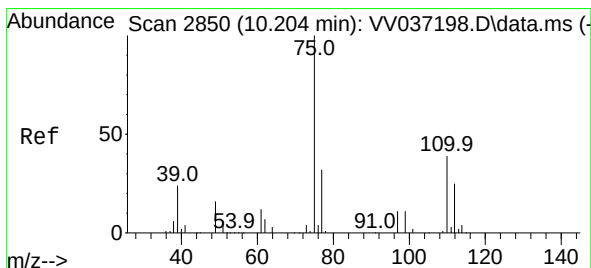
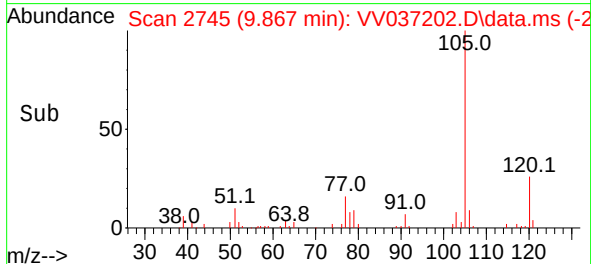
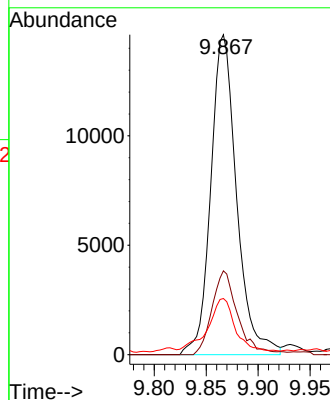
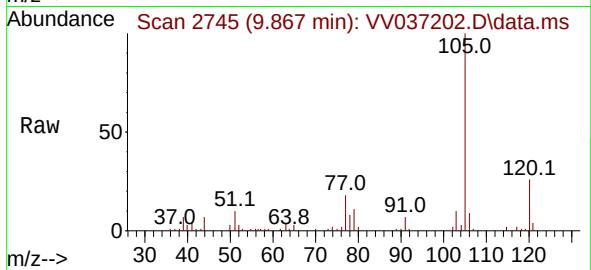




#60
Isopropylbenzene
Concen: 0.740 ug/L
RT: 9.867 min Scan# 21
Delta R.T. 0.007 min
Lab File: VV037202.D
Acq: 04 Sep 2024 16:52

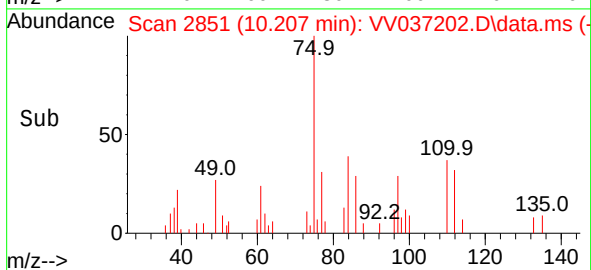
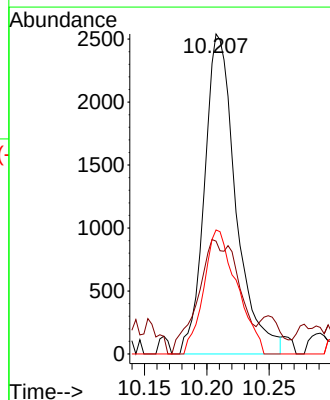
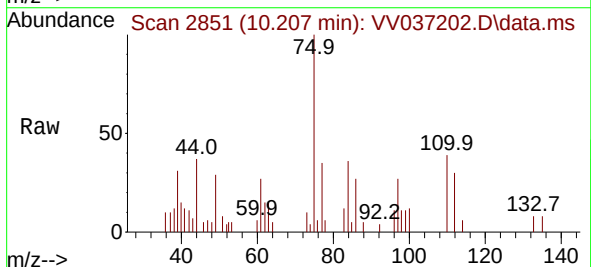
Instrument :
MSVOA_V
ClientSampleId :

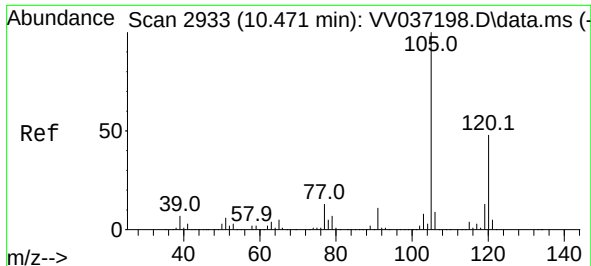
Tgt Ion:105 Resp: 25303
Ion Ratio Lower Upper
105 100
120 24.9 20.6 31.0
77 16.1 12.4 18.6



#61
1,2,3-Trichloropropane
Concen: 0.916 ug/L
RT: 10.207 min Scan# 2851
Delta R.T. 0.003 min
Lab File: VV037202.D
Acq: 04 Sep 2024 16:52

Tgt Ion: 75 Resp: 4444
Ion Ratio Lower Upper
75 100
77 29.5 24.6 36.8
110 41.2 30.8 46.2





#62

1,3,5-Trimethylbenzene

Concen: 0.719 ug/L

RT: 10.474 min Scan# 2933

Delta R.T. 0.003 min

Lab File: VV037202.D

Acq: 04 Sep 2024 16:52

Instrument :

MSVOA_V

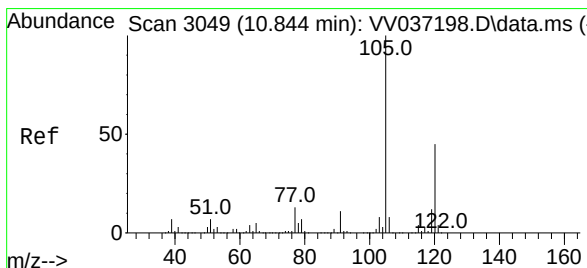
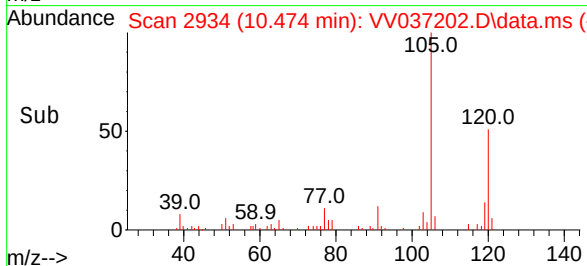
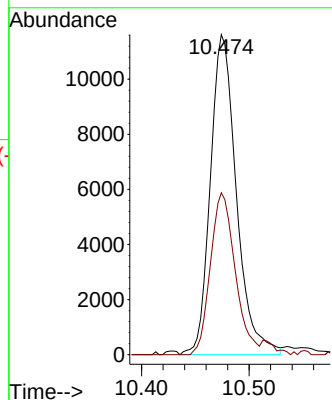
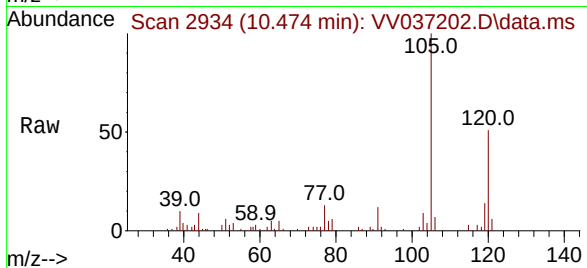
ClientSampleId :

Tgt Ion:105 Resp: 19541

Ion Ratio Lower Upper

105 100

120 47.9 38.7 58.1



#63

1,2,4-Trimethylbenzene

Concen: 0.665 ug/L

RT: 10.854 min Scan# 3052

Delta R.T. 0.010 min

Lab File: VV037202.D

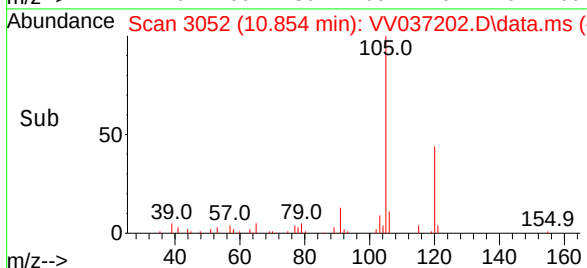
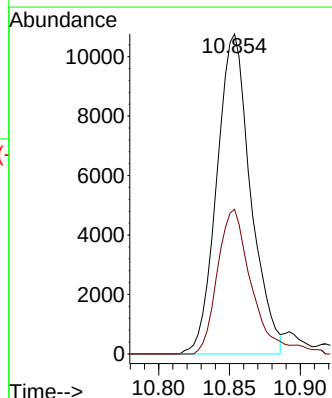
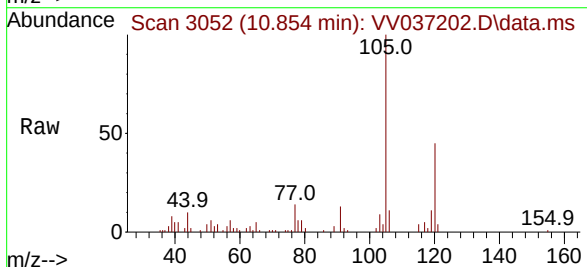
Acq: 04 Sep 2024 16:52

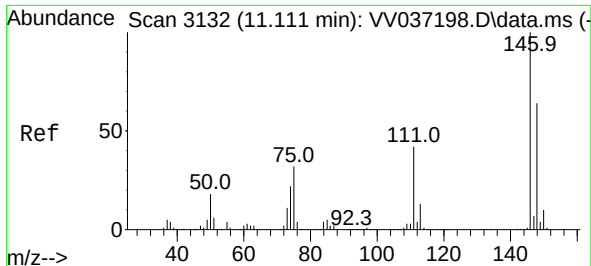
Tgt Ion:105 Resp: 17926

Ion Ratio Lower Upper

105 100

120 44.4 35.8 53.6





#64

1,3-Dichlorobenzene

Concen: 0.853 ug/L

RT: 11.120 min Scan# 3135

Delta R.T. 0.010 min

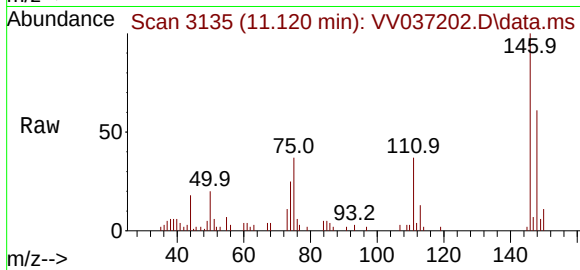
Lab File: VV037202.D

Acq: 04 Sep 2024 16:52

Instrument :

MSVOA_V

ClientSampleId :



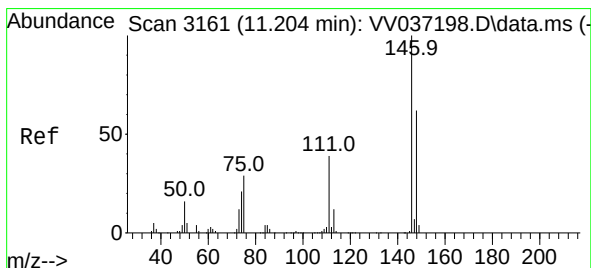
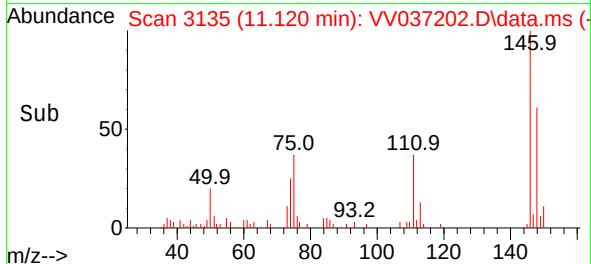
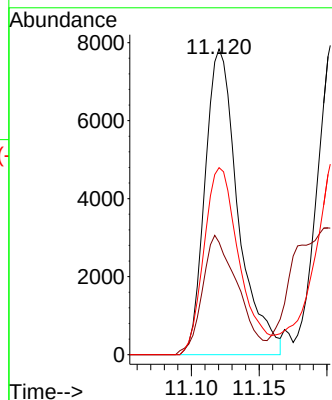
Tgt Ion:146 Resp: 13304

Ion Ratio Lower Upper

146 100

111 36.7 29.7 55.1

148 61.1 45.0 83.6



#65

1,4-Dichlorobenzene

Concen: 0.878 ug/L

RT: 11.204 min Scan# 3161

Delta R.T. 0.000 min

Lab File: VV037202.D

Acq: 04 Sep 2024 16:52

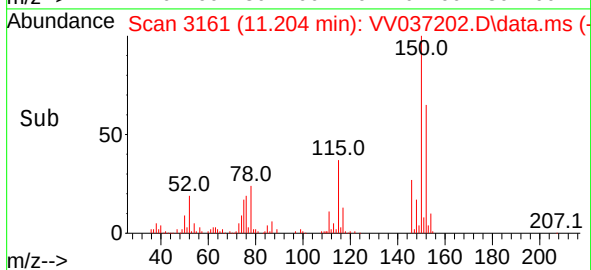
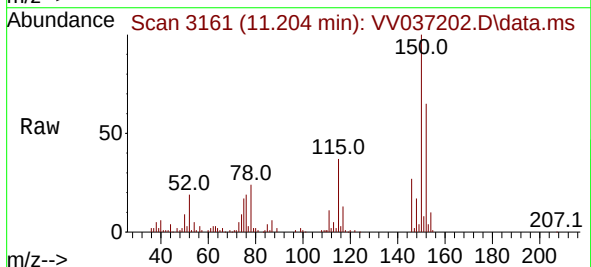
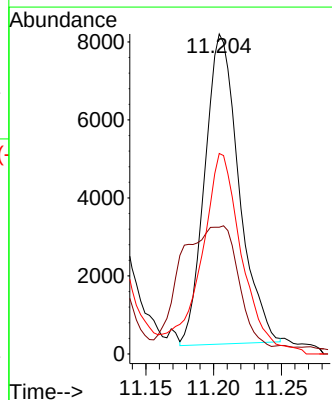
Tgt Ion:146 Resp: 13952

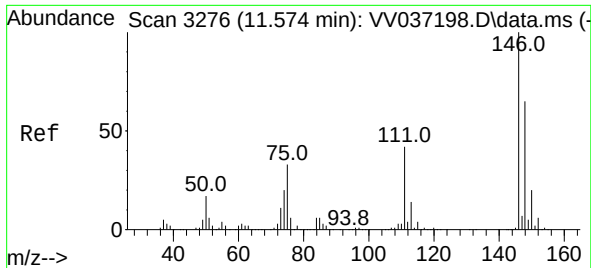
Ion Ratio Lower Upper

146 100

111 39.6 27.6 51.4

148 62.7 43.3 80.5





#67

1,2-Dichlorobenzene

Concen: 0.918 ug/L

RT: 11.574 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV037202.D

Acq: 04 Sep 2024 16:52

Instrument :

MSVOA_V

ClientSampleId :

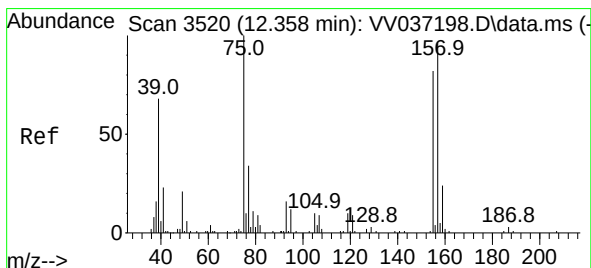
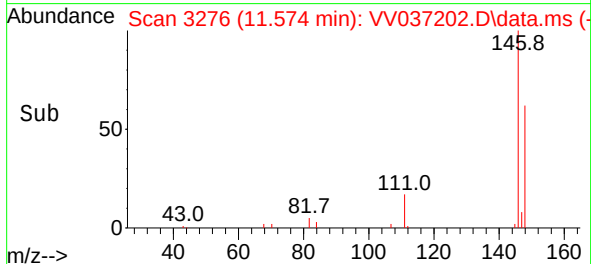
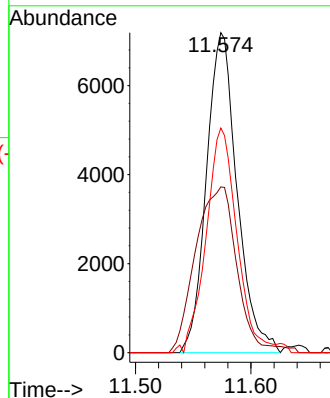
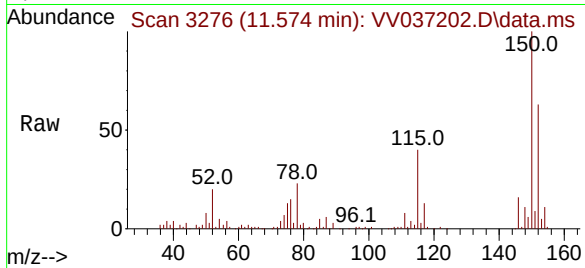
Tgt Ion:146 Resp: 13281

Ion Ratio Lower Upper

146 100

111 51.8 34.1 51.1#

148 70.2 51.8 77.6



#68

1,2-Dibromo-3-chloropropane

Concen: 1.625 ug/L

RT: 12.580 min Scan# 3589

Delta R.T. 0.222 min

Lab File: VV037202.D

Acq: 04 Sep 2024 16:52

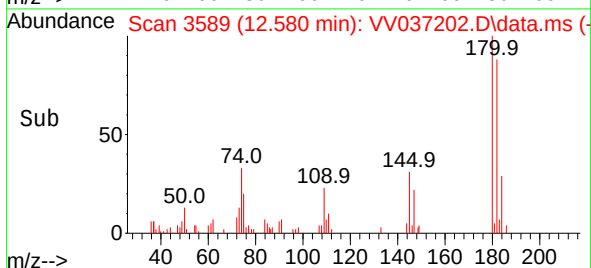
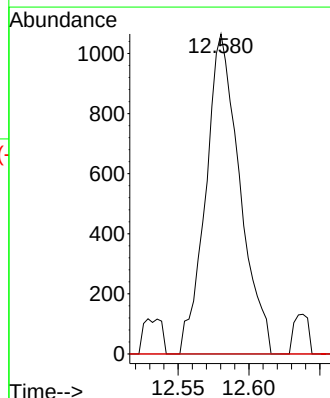
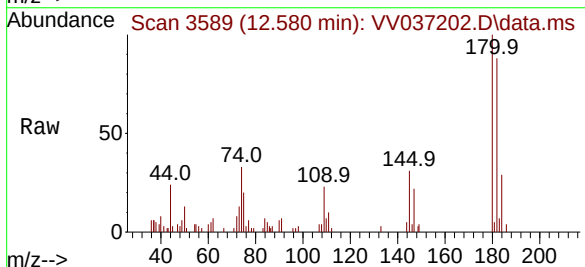
Tgt Ion: 75 Resp: 1780

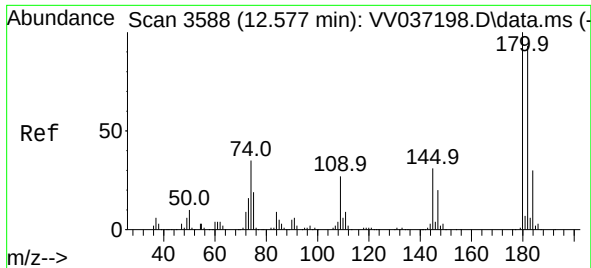
Ion Ratio Lower Upper

75 100

155 0.0 65.6 98.4#

157 0.0 76.9 115.3#





#69

1,3,5-Trichlorobenzene

Concen: 0.799 ug/L

RT: 12.583 min Scan# 3590

Delta R.T. 0.007 min

Lab File: VV037202.D

Acq: 04 Sep 2024 16:52

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:180 Resp: 8844

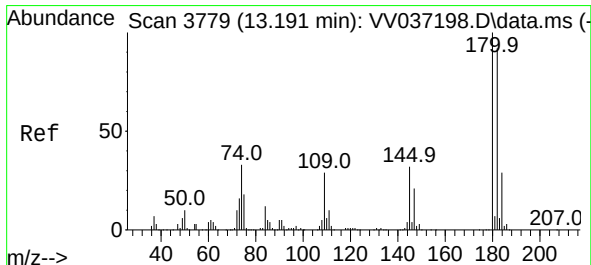
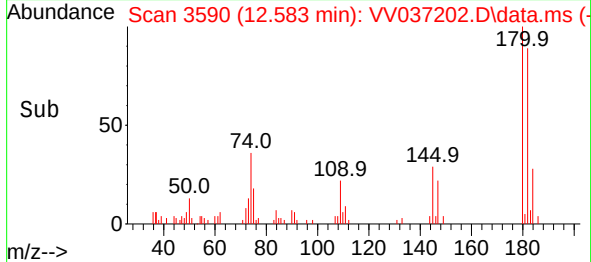
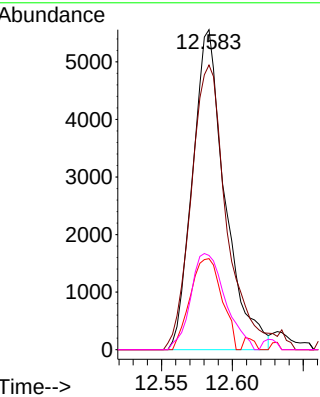
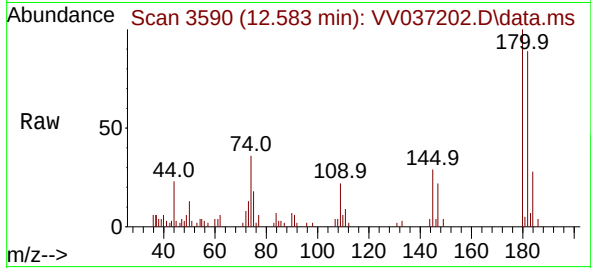
Ion Ratio Lower Upper

180 100

182 96.1 74.6 111.8

184 27.8 23.8 35.8

145 32.0 25.1 37.7



#70

1,2,4-trichlorobenzene

Concen: 0.864 ug/L

RT: 13.198 min Scan# 3781

Delta R.T. 0.007 min

Lab File: VV037202.D

Acq: 04 Sep 2024 16:52

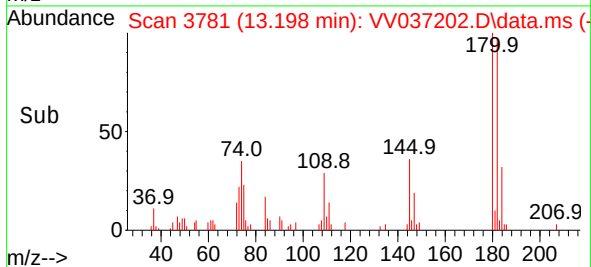
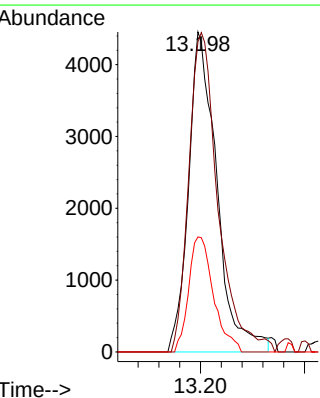
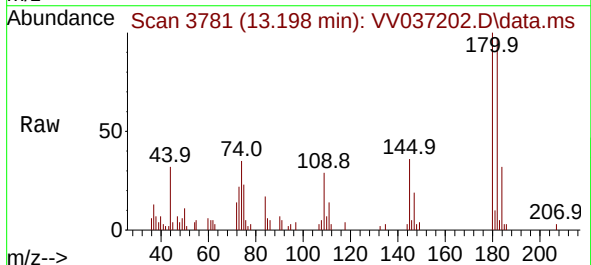
Tgt Ion:180 Resp: 8436

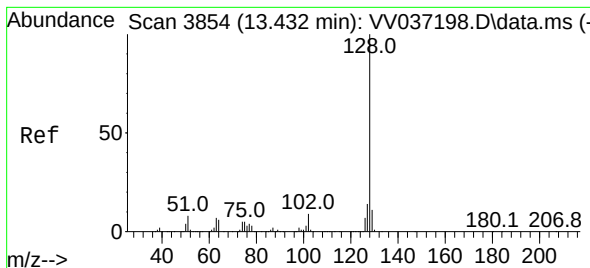
Ion Ratio Lower Upper

180 100

182 101.4 74.9 112.3

145 31.5 25.4 38.0





#71

Naphthalene

Concen: 1.011 ug/L

RT: 13.442 min Scan# 3854

Delta R.T. 0.010 min

Lab File: VV037202.D

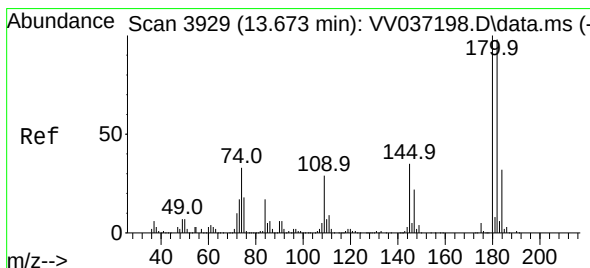
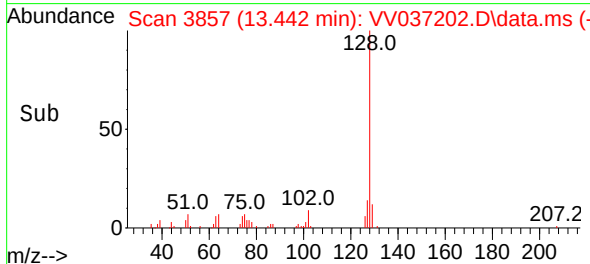
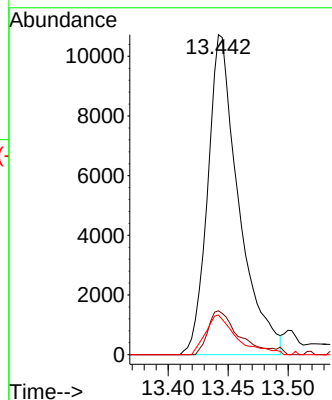
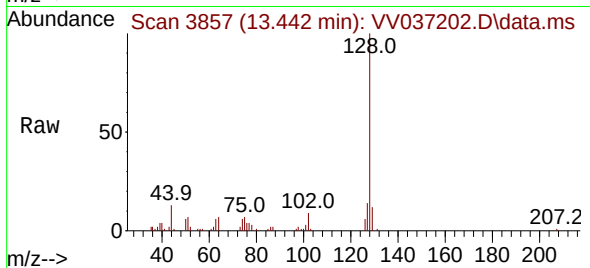
Acq: 04 Sep 2024 16:52

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:128	Resp:	19265
Ion Ratio	Lower	Upper
128	100	
127	13.2	10.5 15.7
129	12.4	8.2 12.2#



#72

1,2,3-Trichlorobenzene

Concen: 0.888 ug/L

RT: 13.680 min Scan# 3931

Delta R.T. 0.007 min

Lab File: VV037202.D

Acq: 04 Sep 2024 16:52

Tgt Ion:180	Resp:	7966
Ion Ratio	Lower	Upper
180	100	
182	93.7	78.0 117.0
145	38.7	27.9 41.9

