

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090424\
 Data File : VV037193.D
 Acq On : 04 Sep 2024 11:46
 Operator : SY/MD
 Sample : VSTD2.5
 Misc : 5.00g/10mL/MSVOA_V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 05 01:30:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM090424SMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 05 01:30:05 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	534800	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	504026	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	241077	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	34992	3.653	ug/L	0.00
7) Chloroethane-d5	1.532	69	26118	3.512	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.057	65	14997	3.480	ug/L	0.00
21) 2-Butanone-d5	3.764	46	79	0.041	ug/L	-0.06
24) Chloroform-d	4.246	84	50760	3.085	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.947	65	25259	3.026	ug/L	0.01
32) Benzene-d6	4.960	84	99636	3.128	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.992	67	30366	3.078	ug/L	0.00
41) Toluene-d8	7.243	98	85672	2.974	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.564	79	10888	2.867	ug/L	0.02
47) 2-Hexanone-d5	8.063	63	3977	3.222	ug/L	0.04
56) 1,1,2,2-Tetrachloroeth...	10.153	84	21366	2.817	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.558	152	29700	3.156	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	16880	2.293	ug/L	93
3) Chloromethane	1.214	50	22506	2.558	ug/L	99
5) Vinyl chloride	1.282	62	20674	2.389	ug/L	88
6) Bromomethane	1.487	94	12972	2.591	ug/L	97
8) Chloroethane	1.548	64	12363	2.323	ug/L	97
9) Trichlorofluoromethane	1.712	101	28777	2.436	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	17553	2.379	ug/L	100
12) 1,1-Dichloroethene	2.066	96	15568	2.316	ug/L #	60
13) Acetone	2.156	43	16113	6.330	ug/L	83
14) Carbon disulfide	2.237	76	51567	2.337	ug/L	97
15) Methyl Acetate	2.388	43	7982	2.180	ug/L	99
16) Methylene chloride	2.442	84	34843	3.555	ug/L	98
17) trans-1,2-Dichloroethene	2.690	96	16876	2.301	ug/L	98
18) Methyl tert-butyl Ether	2.709	73	36876	2.148	ug/L	95
19) 1,1-Dichloroethane	3.108	63	32750	2.333	ug/L	96
20) cis-1,2-Dichloroethene	3.815	96	17103	2.209	ug/L	99
22) 2-Butanone	3.809	43	242	0.114	ug/L	89
23) Bromochloromethane	4.146	128	7538	2.185	ug/L	85
25) Chloroform	4.272	83	31616	2.320	ug/L	98
27) 1,2-Dichloroethane	5.047	62	8534	0.988	ug/L	99
29) Cyclohexane	4.571	56	25880	2.276	ug/L	97
30) 1,1,1-Trichloroethane	4.507	97	25634	2.290	ug/L	99
31) Carbon tetrachloride	4.728	117	21871	2.311	ug/L	97
33) Benzene	5.008	78	62299	2.203	ug/L	100
34) Trichloroethene	5.838	95	18222	2.367	ug/L	98
35) Methylcyclohexane	6.043	83	27362	2.182	ug/L	97
37) 1,2-Dichloropropane	5.992	63	2690	0.367	ug/L	98
38) Bromodichloromethane	6.436	83	19088	2.062	ug/L	96
39) cis-1,3-Dichloropropene	6.963	75	19546	1.801	ug/L	92
40) 4-Methyl-2-pentanone	7.178	43	12572	3.074	ug/L #	93
42) Toluene	7.317	91	62861	2.112	ug/L	95
44) trans-1,3-Dichloropropene	7.596	75	15532	1.761	ug/L	98

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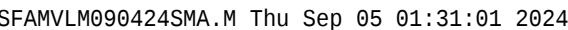
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM090424SMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 05 01:30:05 2024
 Response via : Initial Calibration

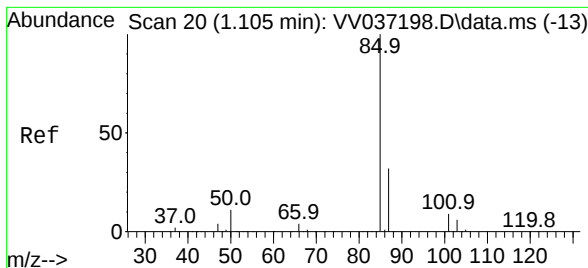
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	7.773	97	12233	2.214	ug/L	98
46) Tetrachloroethene	7.902	164	13936	2.463	ug/L	94
48) 2-Hexanone	8.063	43	112	0.037	ug/L #	1
49) Dibromochloromethane	8.175	129	11341	1.972	ug/L	99
50) 1,2-Dibromoethane	8.291	107	10825	2.050	ug/L	95
51) Chlorobenzene	8.815	112	43363	2.227	ug/L	99
52) Ethylbenzene	8.947	91	68484	2.055	ug/L	100
53) m,p-Xylene	9.072	106	24889	2.013	ug/L	86
54) o-Xylene	9.477	106	24161	2.028	ug/L	99
55) Styrene	9.500	104	37305	1.864	ug/L	92
57) 1,1,2,2-Tetrachloroethane	10.178	83	14265	2.166	ug/L	91
59) Bromoform	9.664	173	6657	2.175	ug/L #	96
60) Isopropylbenzene	9.863	105	67952	2.171	ug/L	98
61) 1,2,3-Trichloropropane	10.207	75	9735	2.191	ug/L	98
62) 1,3,5-Trimethylbenzene	10.474	105	52420	2.108	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	51177	2.075	ug/L	97
64) 1,3-Dichlorobenzene	11.117	146	33176	2.324	ug/L	98
65) 1,4-Dichlorobenzene	11.204	146	35107	2.412	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	31624	2.389	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.368	75	2211	2.205	ug/L #	76
69) 1,3,5-Trichlorobenzene	12.580	180	23516	2.322	ug/L	97
70) 1,2,4-trichlorobenzene	13.198	180	20951	2.343	ug/L	98
71) Naphthalene	13.439	128	40245	2.307	ug/L	100
72) 1,2,3-Trichlorobenzene	13.677	180	19246	2.344	ug/L	95

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

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Quant Title : VOC Analysis
QLast Update : Thu Sep 05 01:30:05 2024
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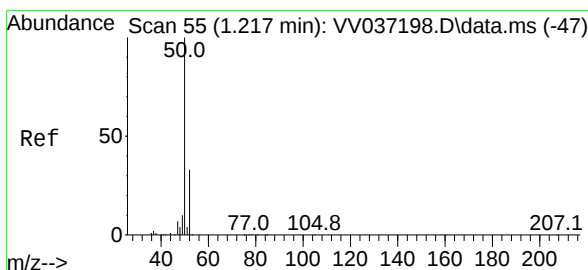
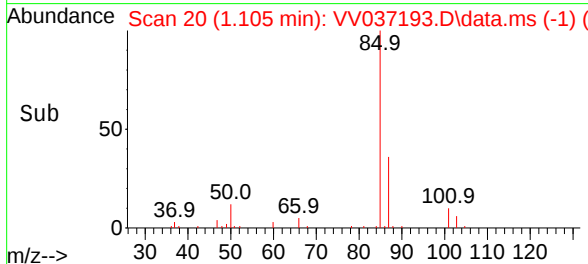
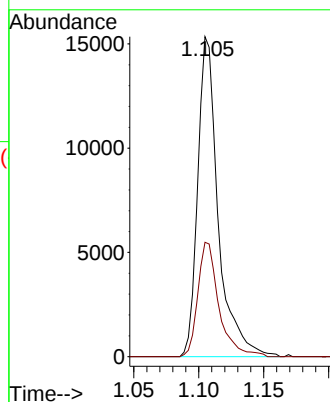
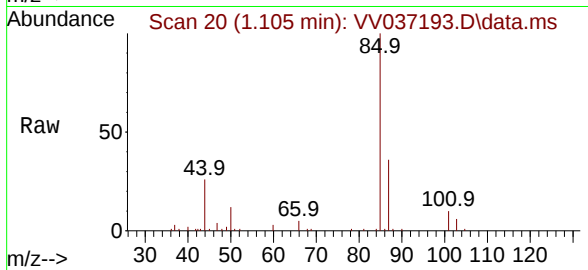




#2
 Dichlorodifluoromethane
 Concen: 2.293 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VV037193.D
 Acq: 04 Sep 2024 11:46

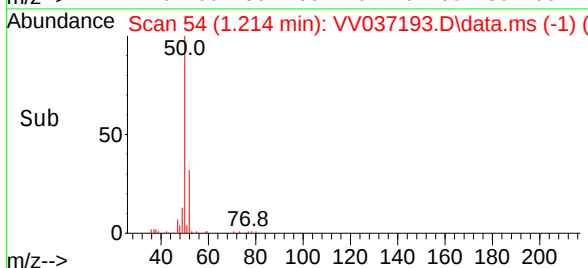
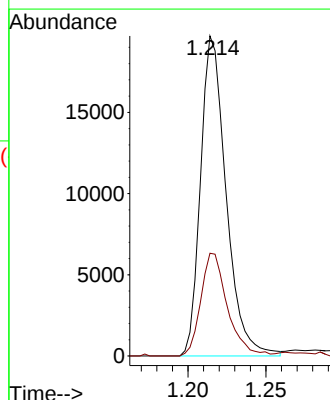
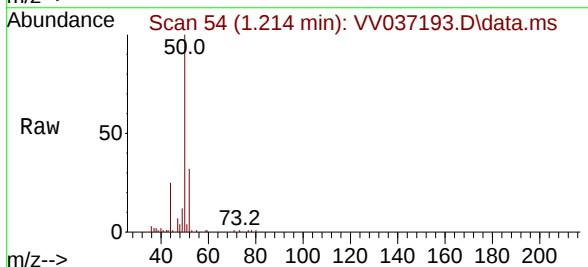
Instrument :
 MSVOA_V
 ClientSampleId :

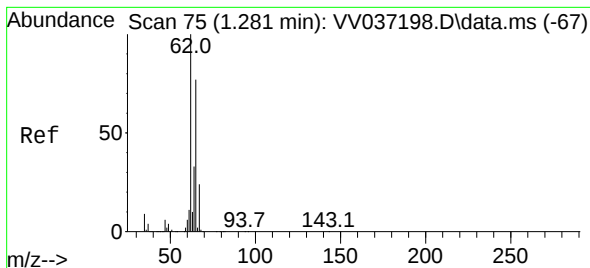
Tgt Ion: 85 Resp: 16880
 Ion Ratio Lower Upper
 85 100
 87 36.8 26.1 39.1



#3
 Chloromethane
 Concen: 2.558 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. -0.003 min
 Lab File: VV037193.D
 Acq: 04 Sep 2024 11:46

Tgt Ion: 50 Resp: 22506
 Ion Ratio Lower Upper
 50 100
 52 32.1 22.9 42.5





#5

Vinyl chloride

Concen: 2.389 ug/L

RT: 1.282 min Scan# 75

Delta R.T. 0.000 min

Lab File: VV037193.D

Acq: 04 Sep 2024 11:46

Instrument :

MSVOA_V

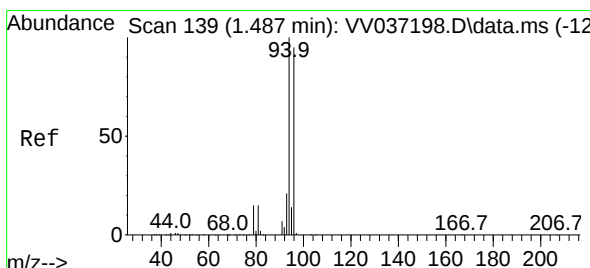
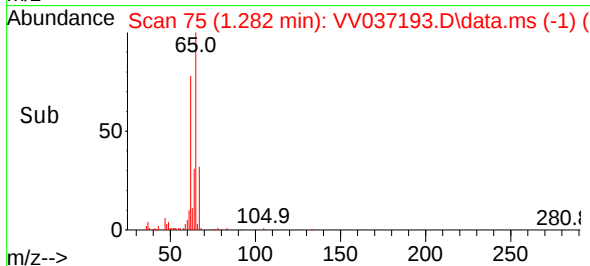
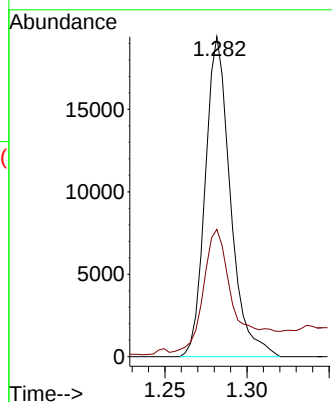
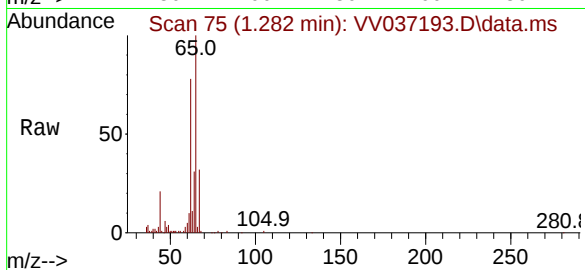
ClientSampleId :

Tgt Ion: 62 Resp: 20674

Ion Ratio Lower Upper

62 100

64 39.8 23.2 43.2



#6

Bromomethane

Concen: 2.591 ug/L

RT: 1.487 min Scan# 139

Delta R.T. 0.000 min

Lab File: VV037193.D

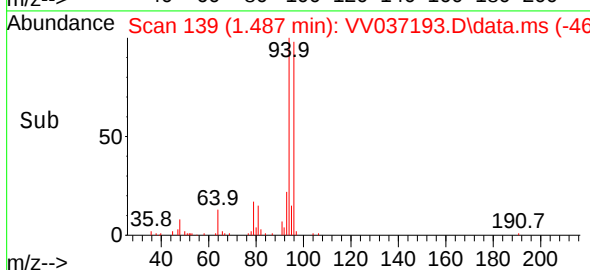
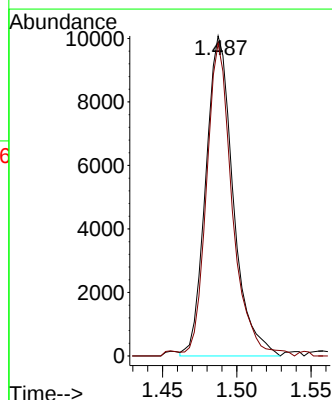
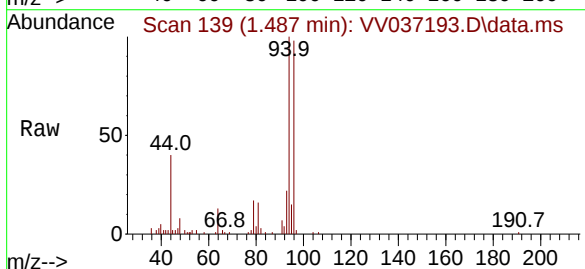
Acq: 04 Sep 2024 11:46

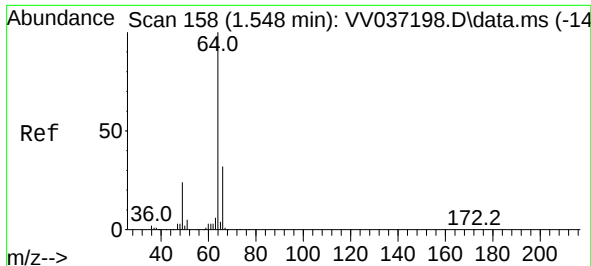
Tgt Ion: 94 Resp: 12972

Ion Ratio Lower Upper

94 100

96 97.7 66.6 123.6

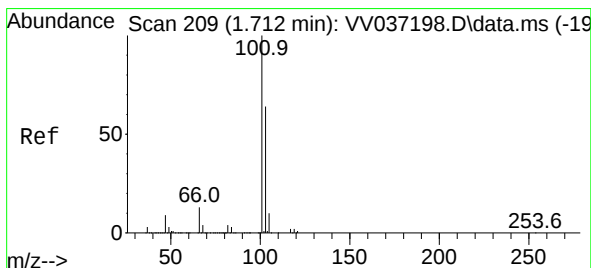
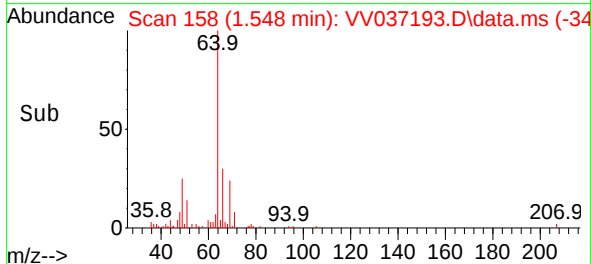
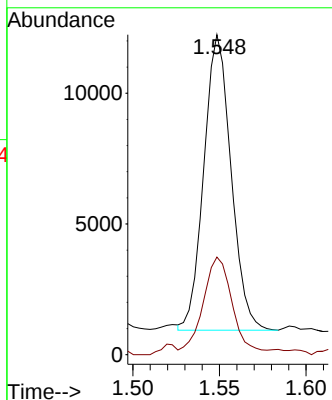
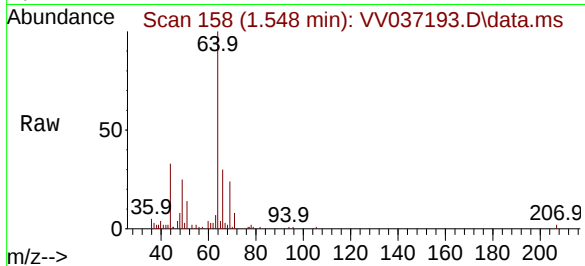




#8
Chloroethane
Concen: 2.323 ug/L
RT: 1.548 min Scan# 158
Delta R.T. 0.000 min
Lab File: VV037193.D
Acq: 04 Sep 2024 11:46

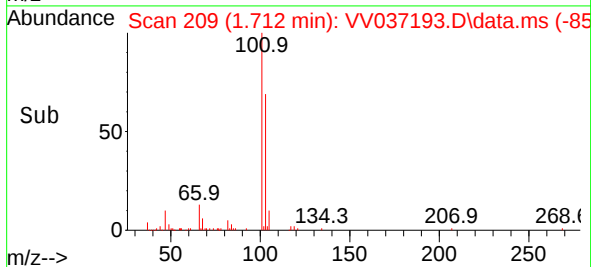
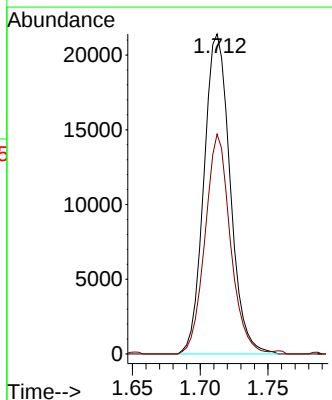
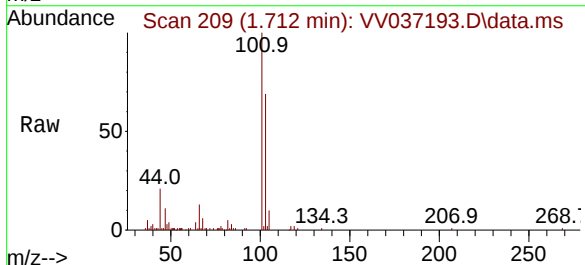
Instrument :
MSVOA_V
ClientSampleId :

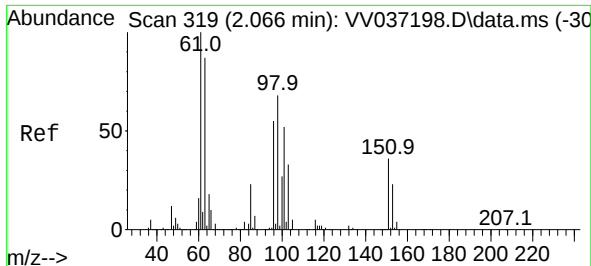
Tgt Ion: 64 Resp: 12363
Ion Ratio Lower Upper
64 100
66 30.5 22.7 42.1



#9
Trichlorofluoromethane
Concen: 2.436 ug/L
RT: 1.712 min Scan# 209
Delta R.T. 0.000 min
Lab File: VV037193.D
Acq: 04 Sep 2024 11:46

Tgt Ion:101 Resp: 28777
Ion Ratio Lower Upper
101 100
103 66.5 51.4 77.2

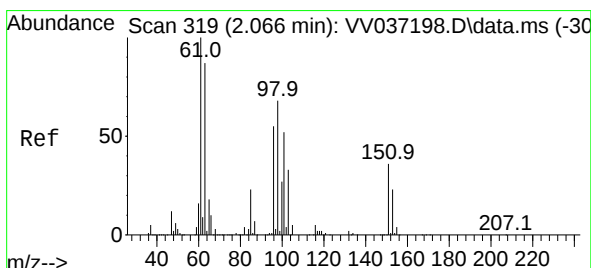
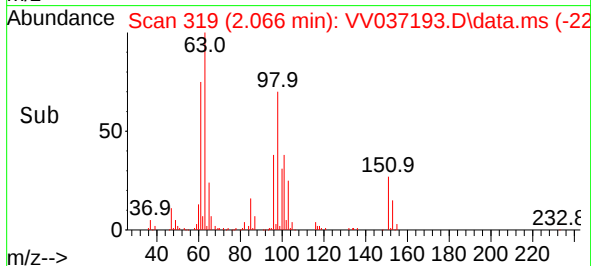
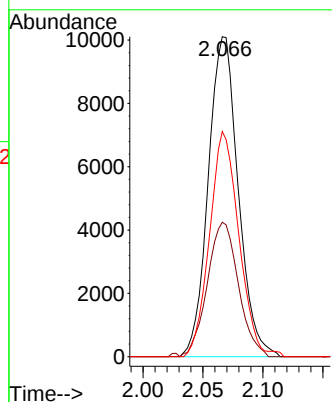
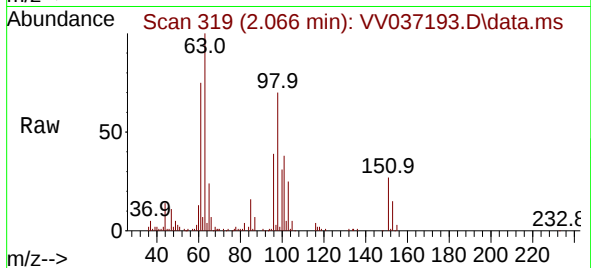




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 2.379 ug/L
 RT: 2.066 min Scan# 319
 Delta R.T. 0.000 min
 Lab File: VV037193.D
 Acq: 04 Sep 2024 11:46

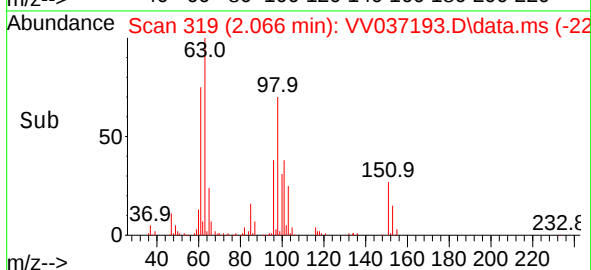
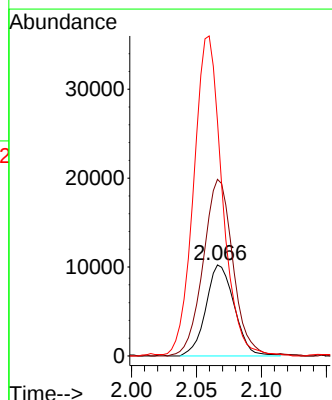
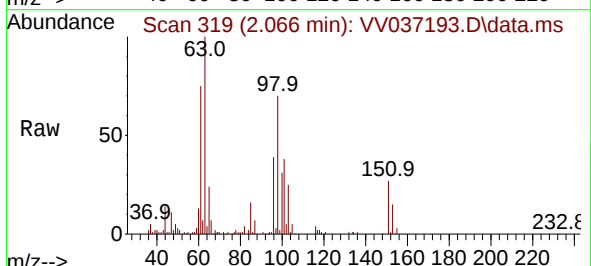
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 MSVOA_V
 ClientSampleId :

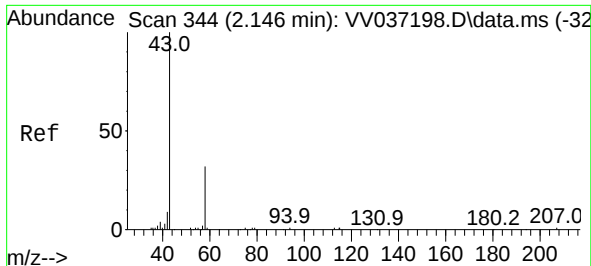
Tgt Ion: 101 Resp: 17553
 Ion Ratio Lower Upper
 101 100
 85 43.5 34.7 52.1
 151 68.5 54.3 81.5



#12
 1,1-Dichloroethene
 Concen: 2.316 ug/L
 RT: 2.066 min Scan# 319
 Delta R.T. 0.000 min
 Lab File: VV037193.D
 Acq: 04 Sep 2024 11:46

Tgt Ion: 96 Resp: 15568
 Ion Ratio Lower Upper
 96 100
 61 194.0 126.8 235.6
 63 257.6 110.4 205.0#





#13

Acetone

Concen: 6.330 ug/L

RT: 2.156 min Scan# 344

Delta R.T. 0.010 min

Lab File: VV037193.D

Acq: 04 Sep 2024 11:46

Instrument :

MSVOA_V

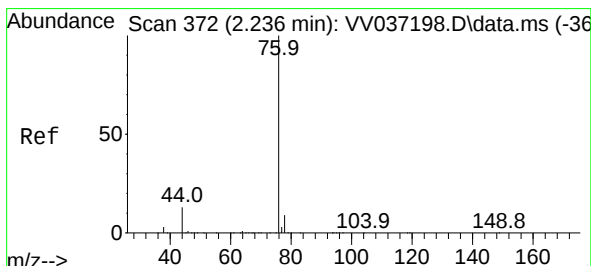
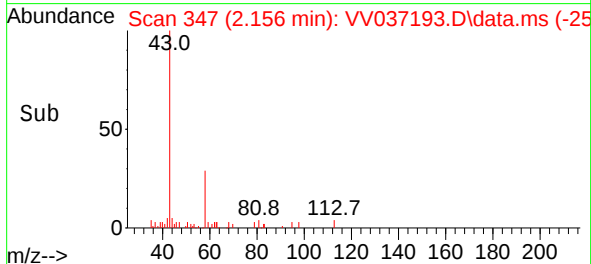
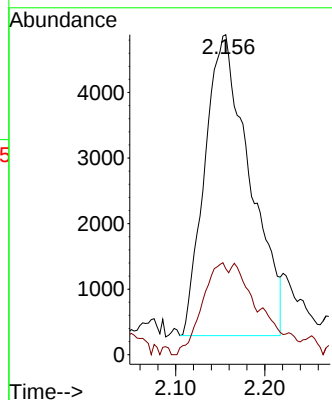
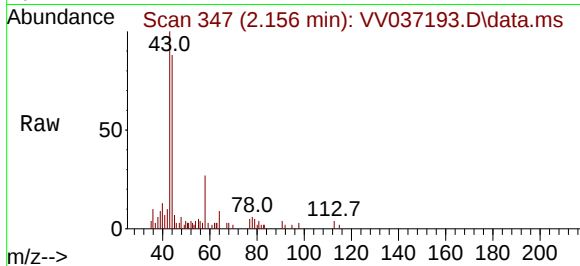
ClientSampleId :

Tgt Ion: 43 Resp: 16113

Ion Ratio Lower Upper

43 100

58 17.5 0.0 22.2



#14

Carbon disulfide

Concen: 2.337 ug/L

RT: 2.237 min Scan# 372

Delta R.T. 0.000 min

Lab File: VV037193.D

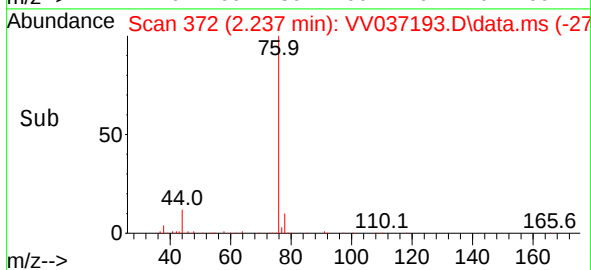
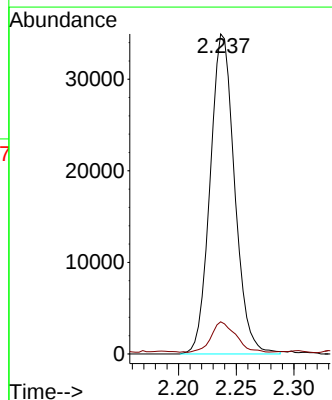
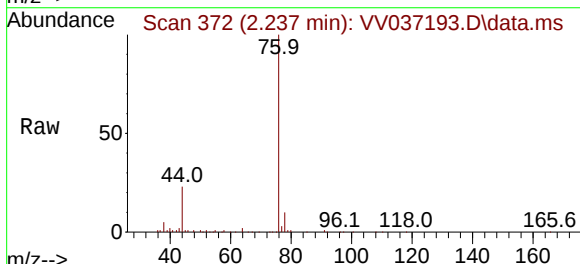
Acq: 04 Sep 2024 11:46

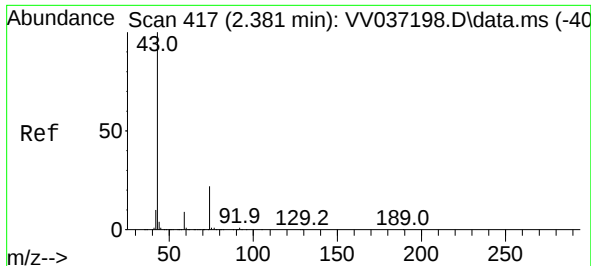
Tgt Ion: 76 Resp: 51567

Ion Ratio Lower Upper

76 100

78 10.0 7.2 10.8





#15

Methyl Acetate

Concen: 2.180 ug/L

RT: 2.388 min Scan# 417

Delta R.T. 0.007 min

Lab File: VV037193.D

Acq: 04 Sep 2024 11:46

Instrument :

MSVOA_V

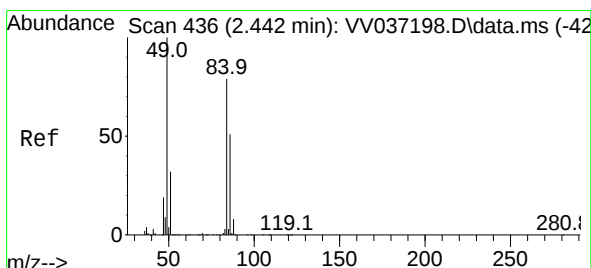
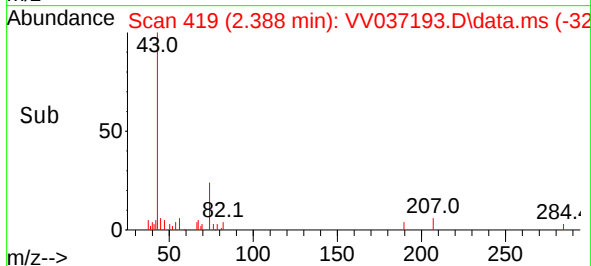
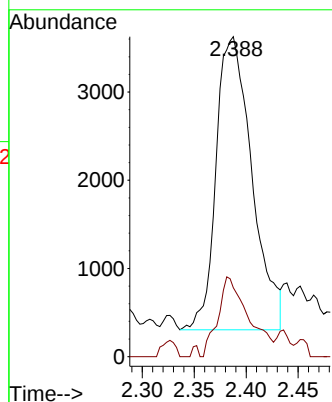
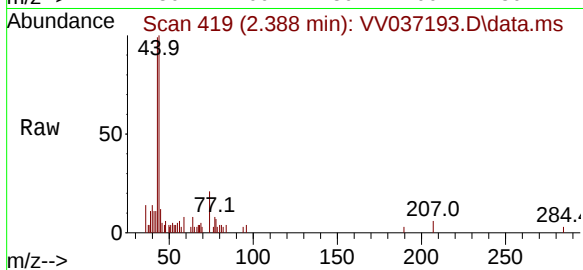
ClientSampleId :

Tgt Ion: 43 Resp: 7982

Ion Ratio Lower Upper

43 100

74 23.4 19.0 28.4



#16

Methylene chloride

Concen: 3.555 ug/L

RT: 2.442 min Scan# 436

Delta R.T. 0.000 min

Lab File: VV037193.D

Acq: 04 Sep 2024 11:46

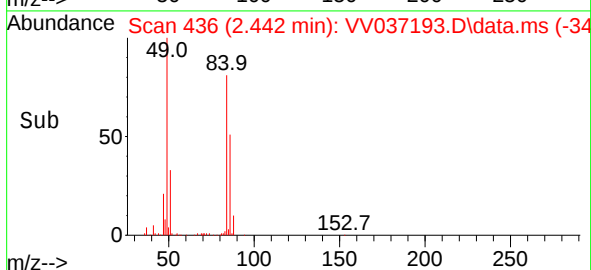
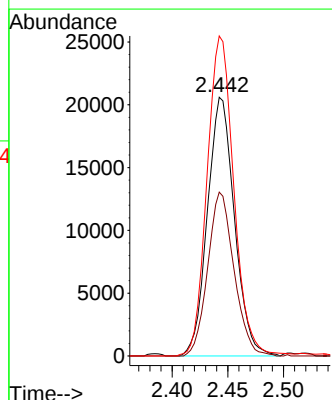
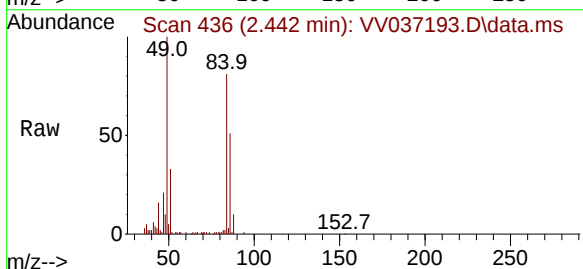
Tgt Ion: 84 Resp: 34843

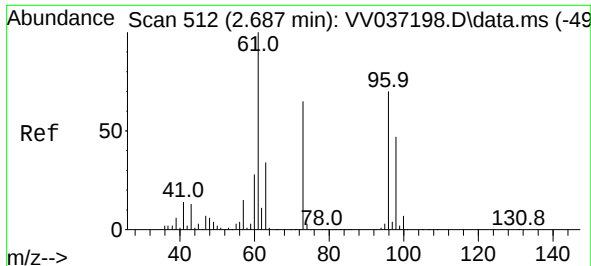
Ion Ratio Lower Upper

84 100

86 63.4 45.4 84.2

49 123.7 88.7 164.7





#17

trans-1,2-Dichloroethene

Concen: 2.301 ug/L

RT: 2.690 min Scan# 512

Delta R.T. 0.003 min

Lab File: VV037193.D

Acq: 04 Sep 2024 11:46

Instrument :

MSVOA_V

ClientSampleId :

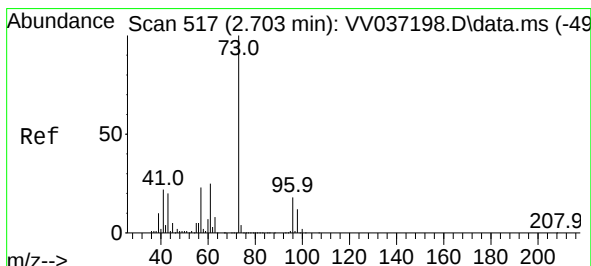
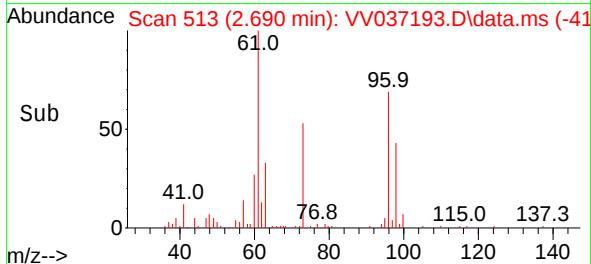
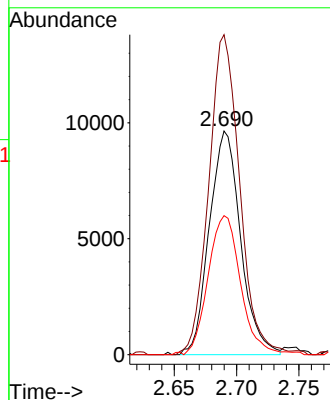
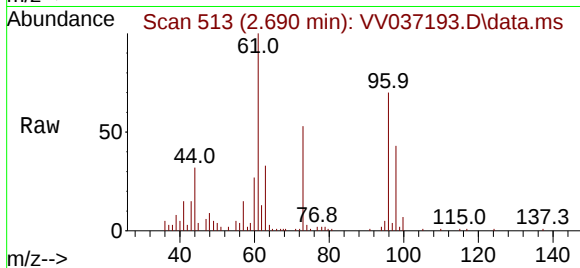
Tgt Ion: 96 Resp: 16876

Ion Ratio Lower Upper

96 100

61 143.1 99.7 185.1

98 62.2 46.4 86.2



#18

Methyl tert-butyl Ether

Concen: 2.148 ug/L

RT: 2.709 min Scan# 519

Delta R.T. 0.007 min

Lab File: VV037193.D

Acq: 04 Sep 2024 11:46

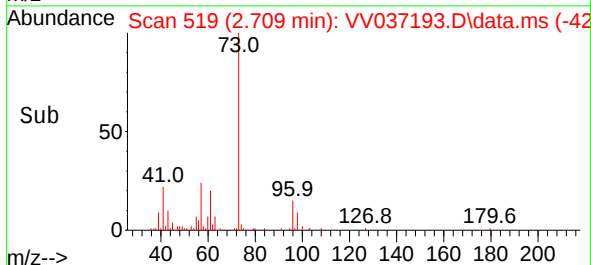
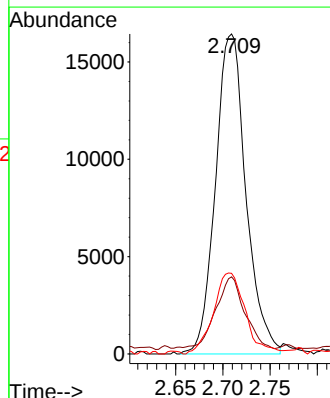
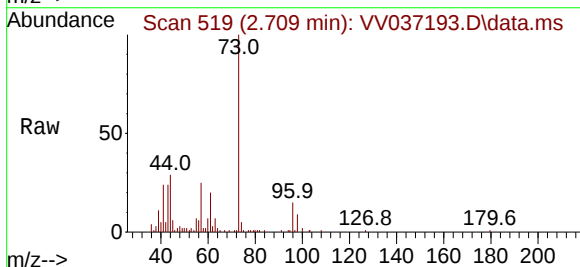
Tgt Ion: 73 Resp: 36876

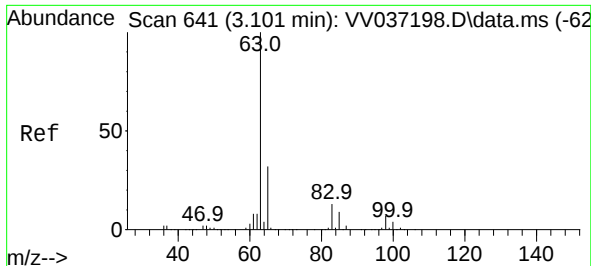
Ion Ratio Lower Upper

73 100

43 21.2 15.7 23.5

57 26.4 18.3 27.5





#19

1,1-Dichloroethane

Concen: 2.333 ug/L

RT: 3.108 min Scan# 641

Delta R.T. 0.007 min

Lab File: VV037193.D

Acq: 04 Sep 2024 11:46

Instrument :

MSVOA_V

ClientSampleId :

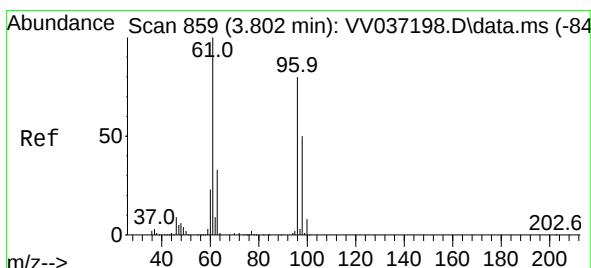
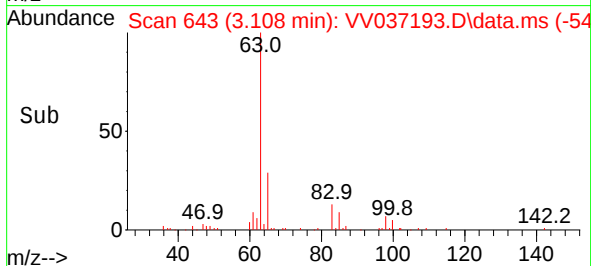
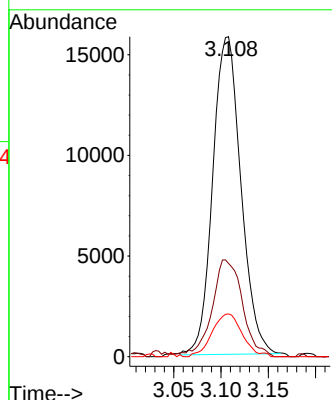
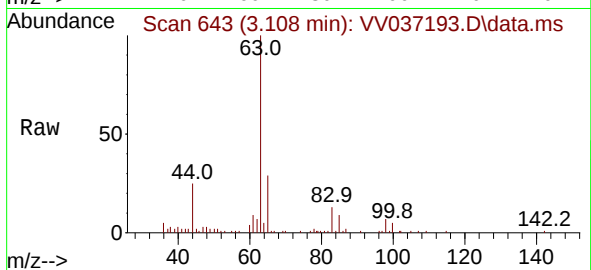
Tgt Ion: 63 Resp: 32750

Ion Ratio Lower Upper

63 100

65 29.2 22.4 41.6

83 13.3 9.3 17.3



#20

cis-1,2-Dichloroethene

Concen: 2.209 ug/L

RT: 3.815 min Scan# 863

Delta R.T. 0.013 min

Lab File: VV037193.D

Acq: 04 Sep 2024 11:46

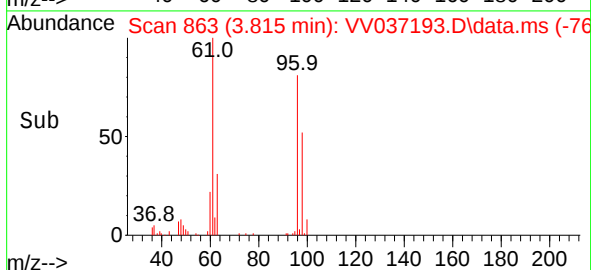
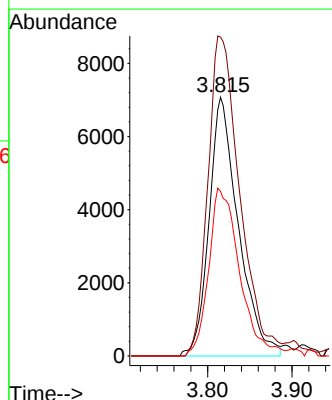
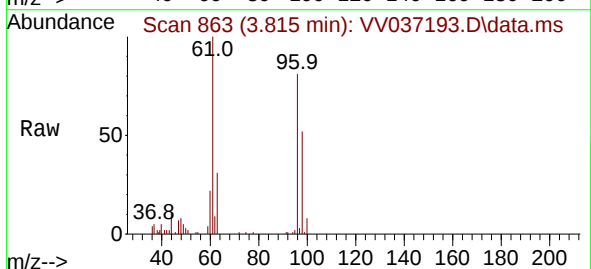
Tgt Ion: 96 Resp: 17103

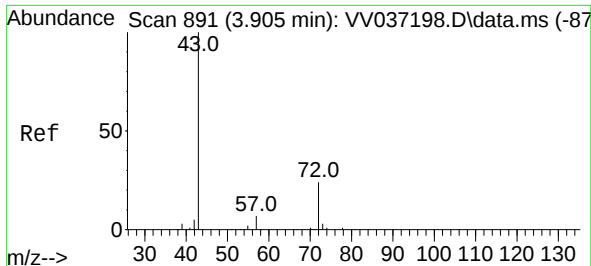
Ion Ratio Lower Upper

96 100

61 123.3 87.6 162.6

98 63.7 44.0 81.6

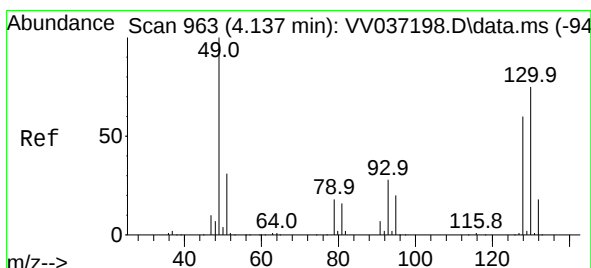
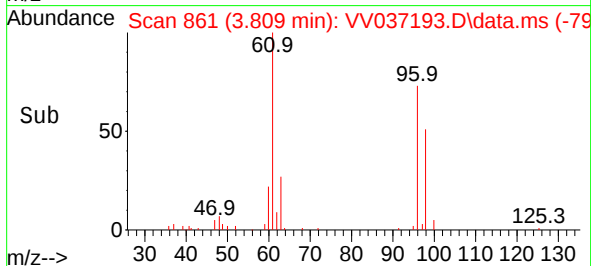
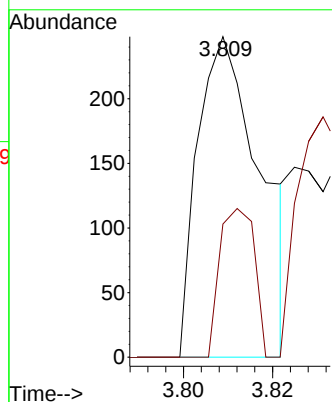
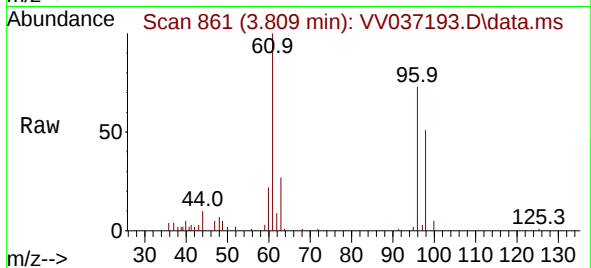




#22
2-Butanone
Concen: 0.114 ug/L
RT: 3.809 min Scan# 891
Delta R.T. -0.096 min
Lab File: VV037193.D
Acq: 04 Sep 2024 11:46

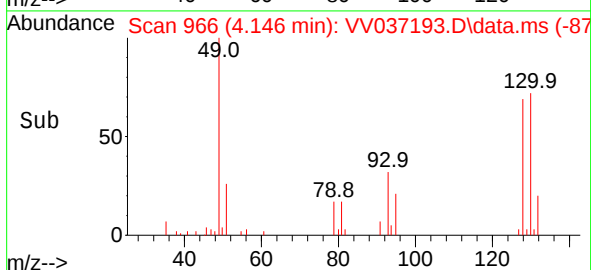
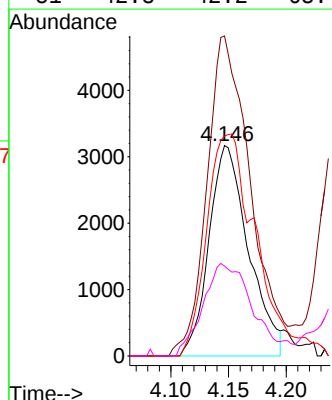
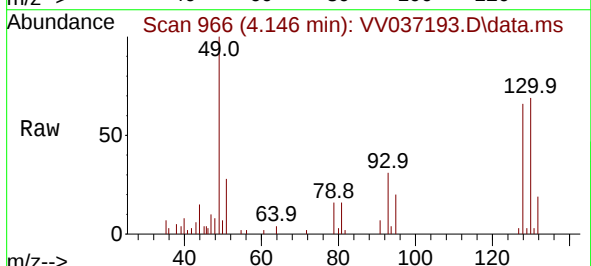
Instrument :
MSVOA_V
ClientSampleId :

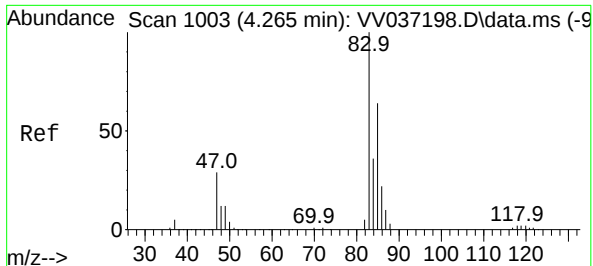
Tgt Ion: 43 Resp: 242
Ion Ratio Lower Upper
43 100
72 25.6 10.2 30.6



#23
Bromochloromethane
Concen: 2.185 ug/L
RT: 4.146 min Scan# 966
Delta R.T. 0.010 min
Lab File: VV037193.D
Acq: 04 Sep 2024 11:46

Tgt Ion:128 Resp: 7538
Ion Ratio Lower Upper
128 100
49 152.1 117.8 218.8
130 104.5 88.4 164.2
51 42.8 42.2 63.4

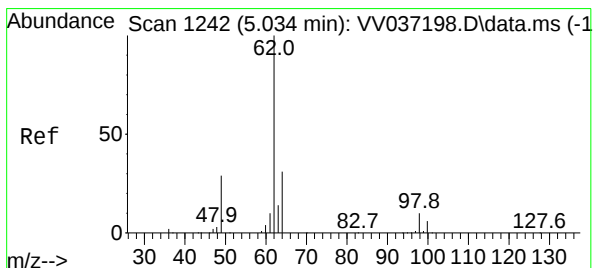
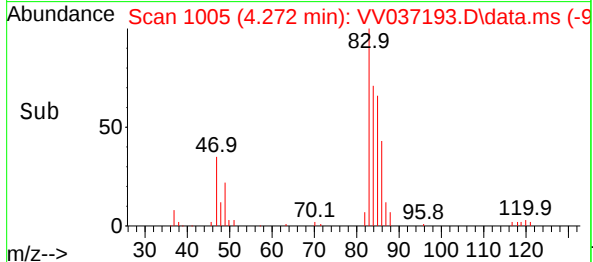
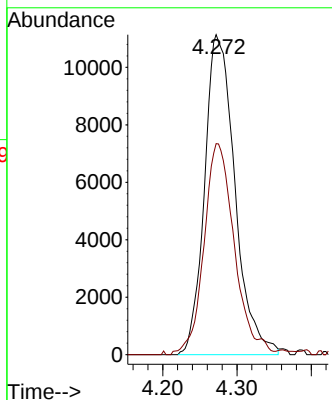
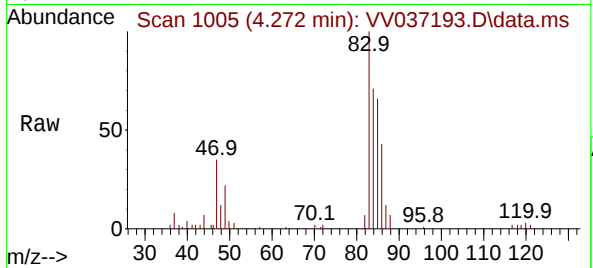




#25
Chloroform
Concen: 2.320 ug/L
RT: 4.272 min Scan# 1005
Delta R.T. 0.007 min
Lab File: VV037193.D
Acq: 04 Sep 2024 11:46

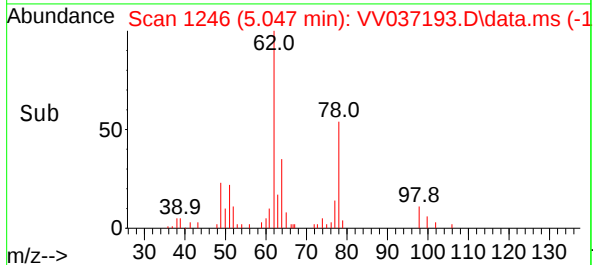
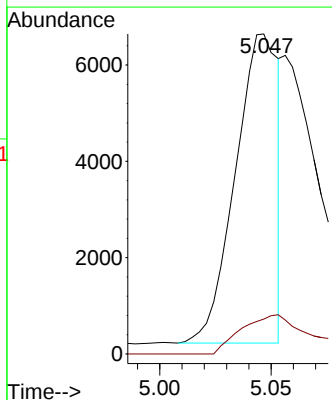
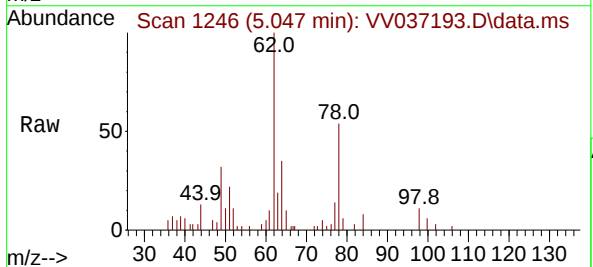
Instrument :
MSVOA_V
ClientSampleId :

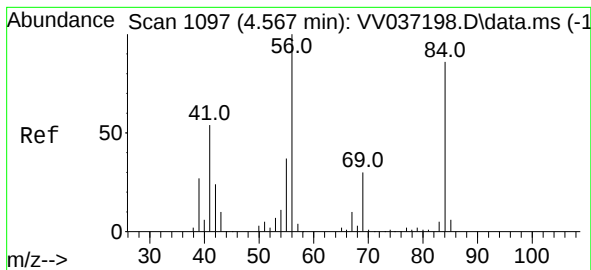
Tgt Ion: 83 Resp: 31616
Ion Ratio Lower Upper
83 100
85 66.0 44.9 83.3



#27
1,2-Dichloroethane
Concen: 0.988 ug/L
RT: 5.047 min Scan# 1246
Delta R.T. 0.013 min
Lab File: VV037193.D
Acq: 04 Sep 2024 11:46

Tgt Ion: 62 Resp: 8534
Ion Ratio Lower Upper
62 100
98 10.9 8.3 12.5





#29

Cyclohexane

Concen: 2.276 ug/L

RT: 4.571 min Scan# 1098

Delta R.T. 0.003 min

Lab File: VV037193.D

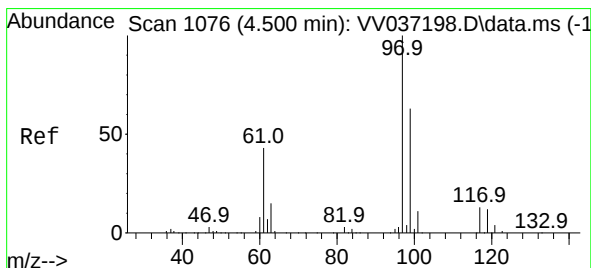
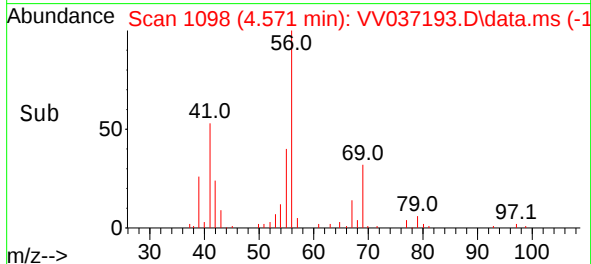
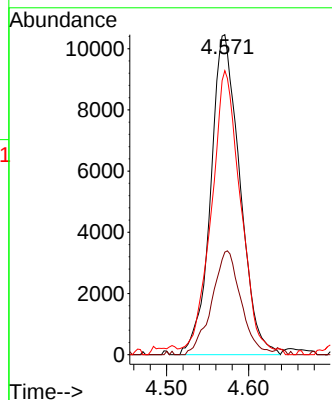
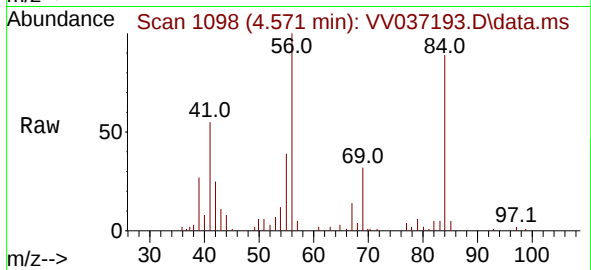
Acq: 04 Sep 2024 11:46

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	56	Resp:	25880
Ion	Ratio	Lower	Upper
56	100		
69	32.2	24.3	36.5
84	86.1	71.1	106.7



#30

1,1,1-Trichloroethane

Concen: 2.290 ug/L

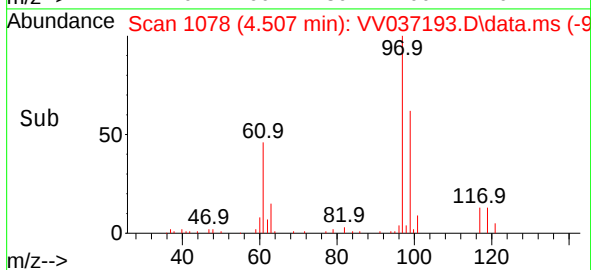
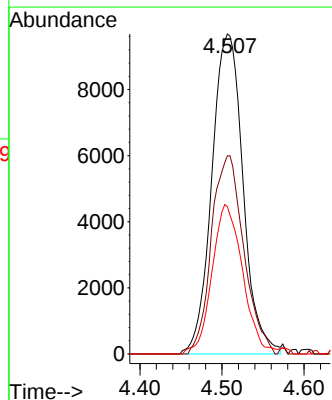
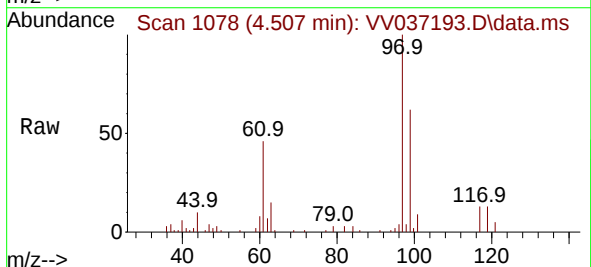
RT: 4.507 min Scan# 1078

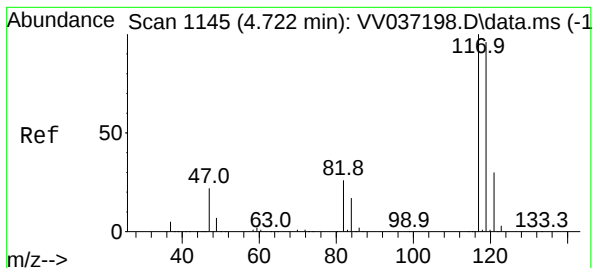
Delta R.T. 0.007 min

Lab File: VV037193.D

Acq: 04 Sep 2024 11:46

Tgt Ion:	97	Resp:	25634
Ion	Ratio	Lower	Upper
97	100		
99	64.0	51.5	77.3
61	45.3	35.4	53.2





#31

Carbon tetrachloride

Concen: 2.311 ug/L

RT: 4.728 min Scan# 1145

Delta R.T. 0.007 min

Lab File: VV037193.D

Acq: 04 Sep 2024 11:46

Instrument :

MSVOA_V

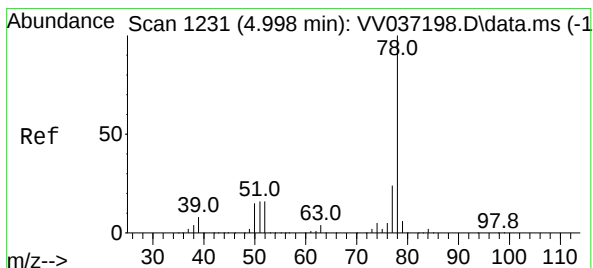
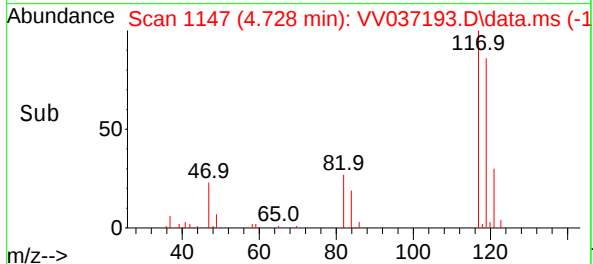
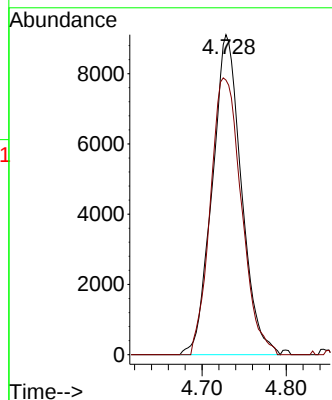
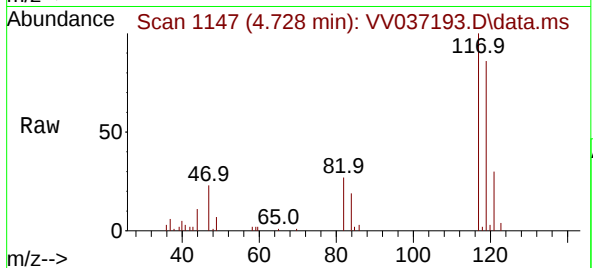
ClientSampleId :

Tgt Ion:117 Resp: 21871

Ion Ratio Lower Upper

117 100

119 92.2 76.2 114.4



#33

Benzene

Concen: 2.203 ug/L

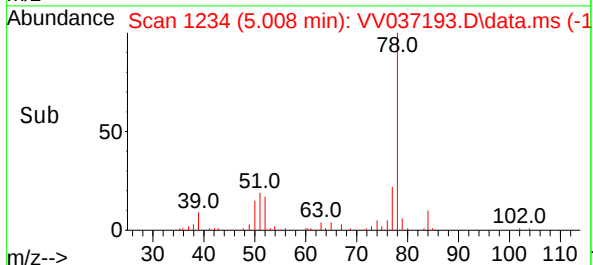
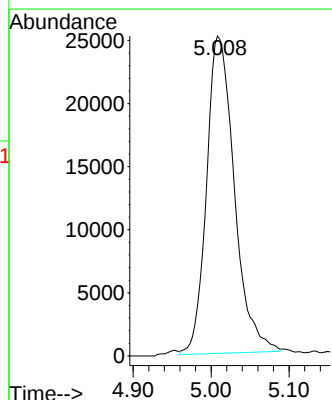
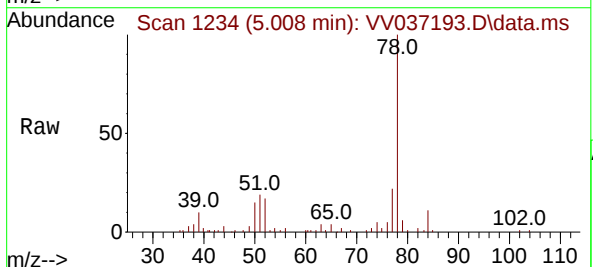
RT: 5.008 min Scan# 1234

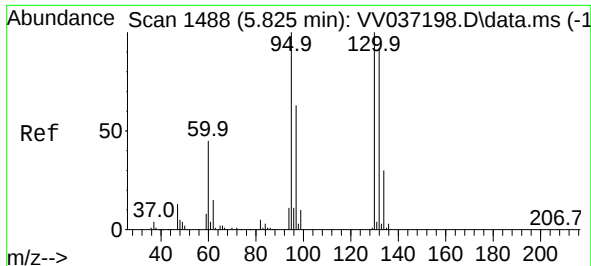
Delta R.T. 0.010 min

Lab File: VV037193.D

Acq: 04 Sep 2024 11:46

Tgt Ion: 78 Resp: 62299





#34

Trichloroethene

Concen: 2.367 ug/L

RT: 5.838 min Scan# 1488

Delta R.T. 0.013 min

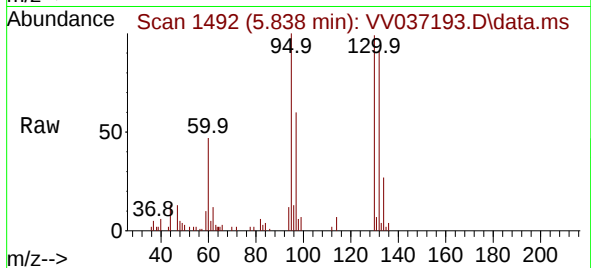
Lab File: VV037193.D

Acq: 04 Sep 2024 11:46

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 95 Resp: 18222

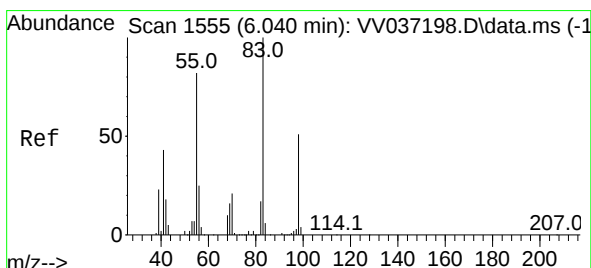
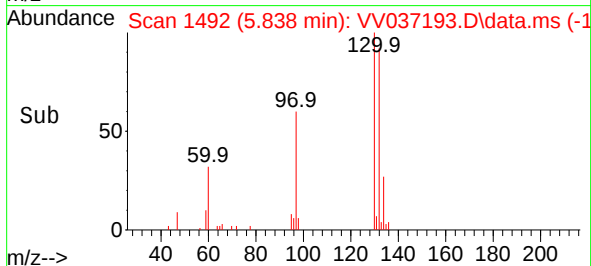
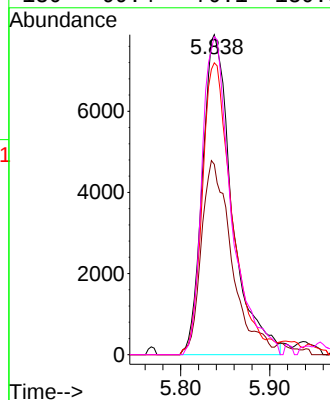
Ion Ratio Lower Upper

95 100

97 59.5 44.0 81.6

132 91.2 64.3 119.5

130 99.4 70.1 130.3



#35

Methylcyclohexane

Concen: 2.182 ug/L

RT: 6.043 min Scan# 1556

Delta R.T. 0.003 min

Lab File: VV037193.D

Acq: 04 Sep 2024 11:46

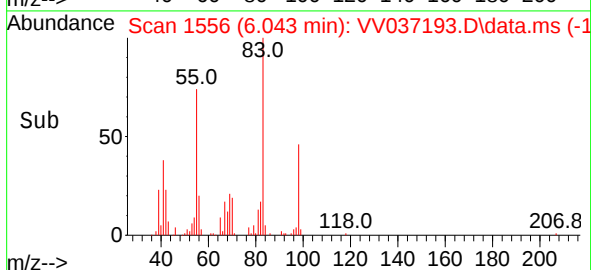
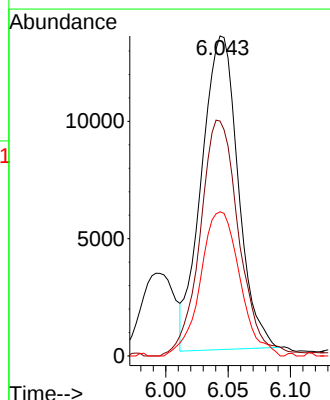
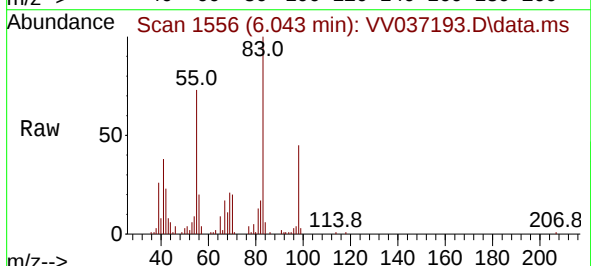
Tgt Ion: 83 Resp: 27362

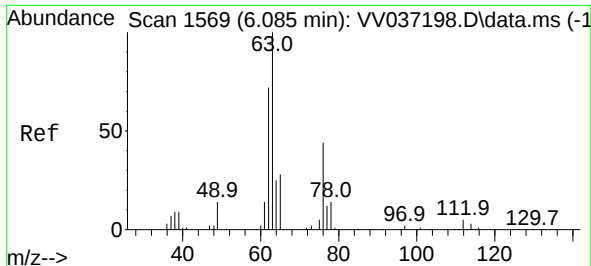
Ion Ratio Lower Upper

83 100

55 79.7 61.6 92.4

98 49.4 38.5 57.7

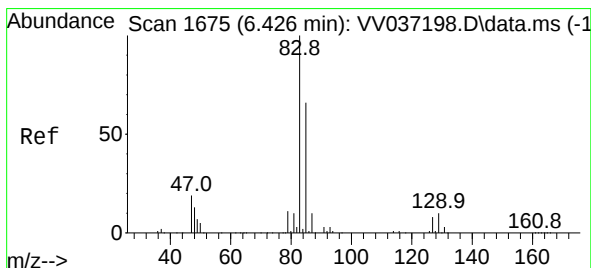
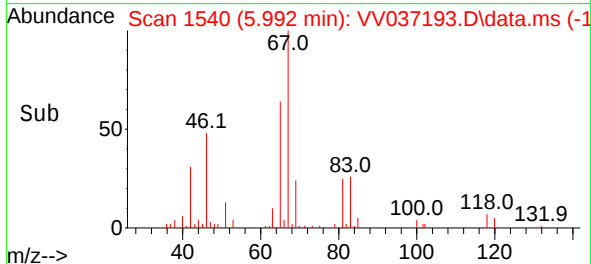
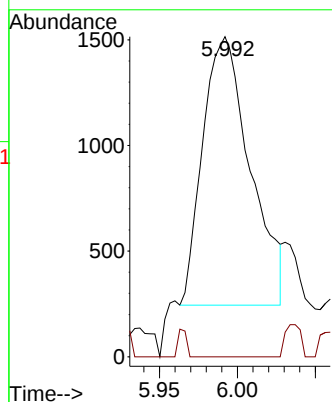
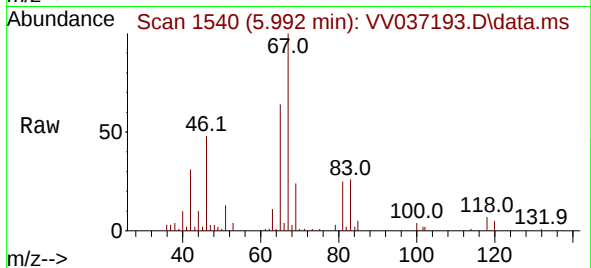




#37
1,2-Dichloropropane
Concen: 0.367 ug/L
RT: 5.992 min Scan# 1569
Delta R.T. -0.093 min
Lab File: VV037193.D
Acq: 04 Sep 2024 11:46

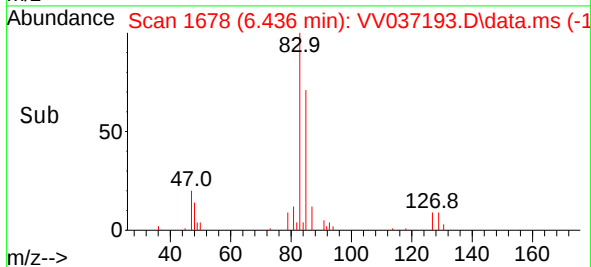
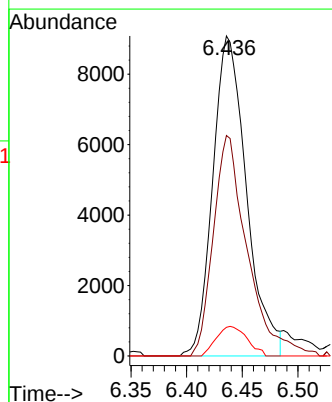
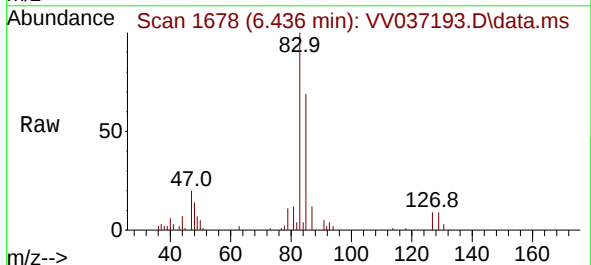
Instrument :
MSVOA_V
ClientSampleId :

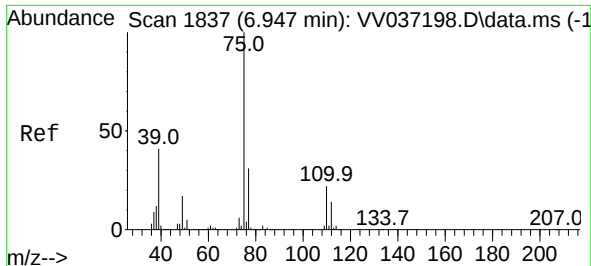
Tgt Ion: 63 Resp: 2690
Ion Ratio Lower Upper
63 100
112 3.9 3.8 5.6



#38
Bromodichloromethane
Concen: 2.062 ug/L
RT: 6.436 min Scan# 1678
Delta R.T. 0.010 min
Lab File: VV037193.D
Acq: 04 Sep 2024 11:46

Tgt Ion: 83 Resp: 19088
Ion Ratio Lower Upper
83 100
85 68.9 45.9 85.3
127 9.0 6.5 9.7

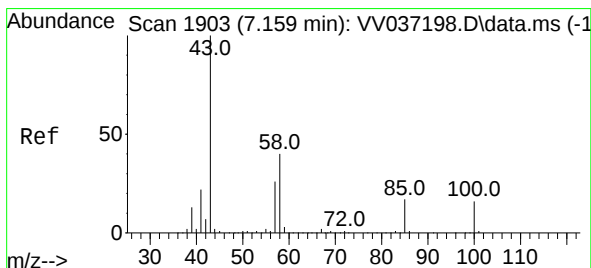
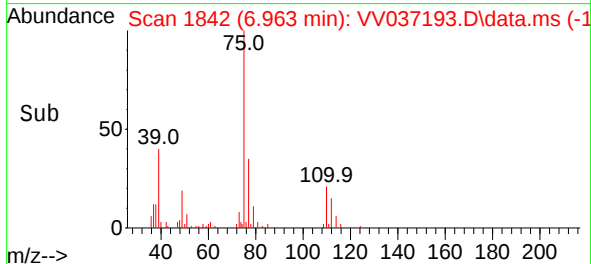
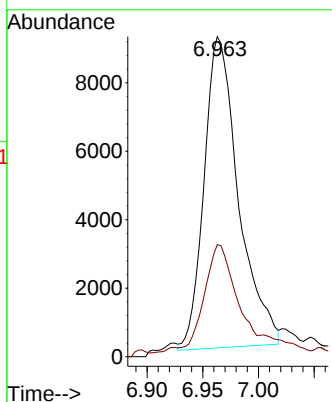
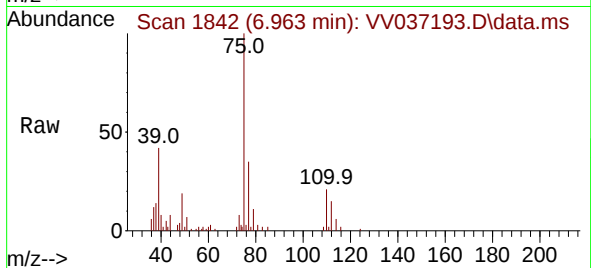




#39
 cis-1,3-Dichloropropene
 Concen: 1.801 ug/L
 RT: 6.963 min Scan# 11
 Delta R.T. 0.016 min
 Lab File: VV037193.D
 Acq: 04 Sep 2024 11:46

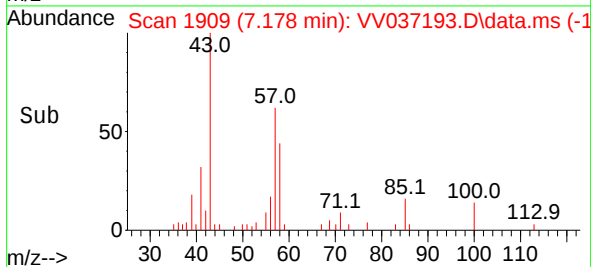
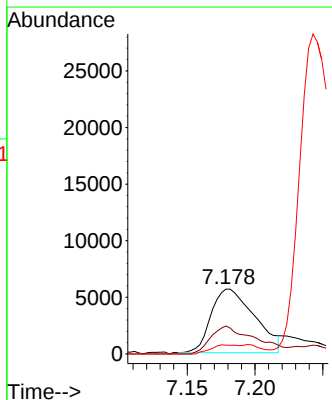
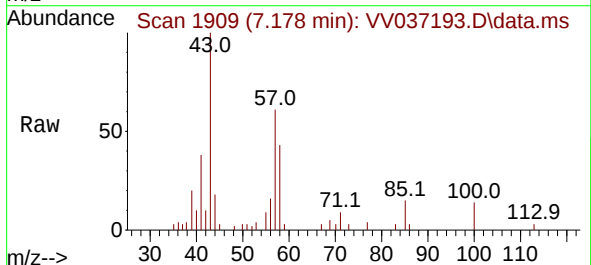
Instrument :
 MSVOA_V
 ClientSampleId :

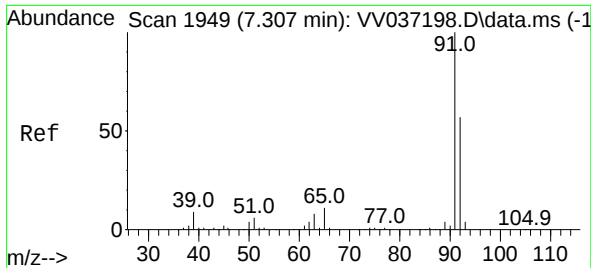
Tgt Ion: 75 Resp: 19546
 Ion Ratio Lower Upper
 75 100
 77 35.0 21.6 40.0



#40
 4-Methyl-2-pentanone
 Concen: 3.074 ug/L
 RT: 7.178 min Scan# 1909
 Delta R.T. 0.019 min
 Lab File: VV037193.D
 Acq: 04 Sep 2024 11:46

Tgt Ion: 43 Resp: 12572
 Ion Ratio Lower Upper
 43 100
 58 39.0 30.3 45.5
 100 6.7 11.6 17.4#





#42

Toluene

Concen: 2.112 ug/L

RT: 7.317 min Scan# 1949

Delta R.T. 0.010 min

Lab File: VV037193.D

Acq: 04 Sep 2024 11:46

Instrument :

MSVOA_V

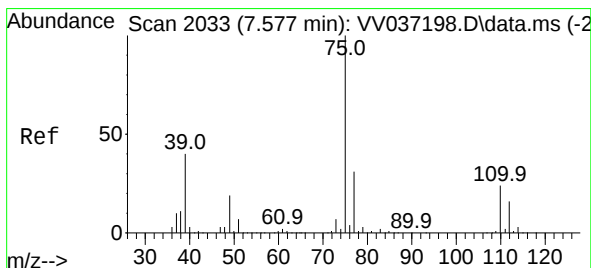
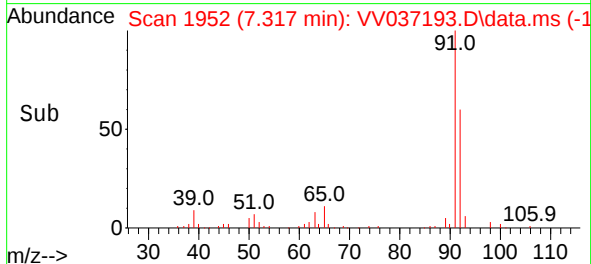
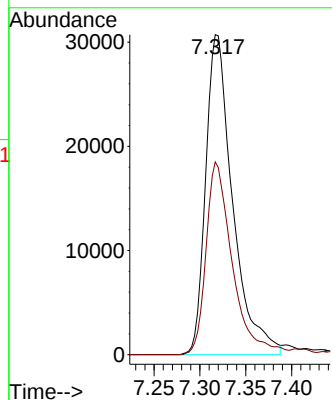
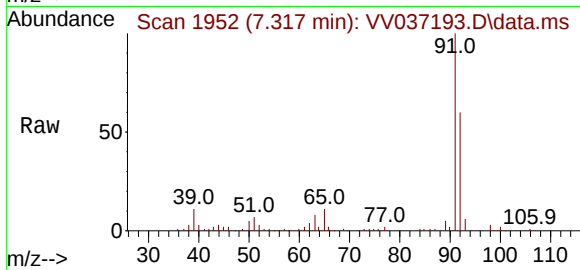
ClientSampleId :

Tgt Ion: 91 Resp: 62861

Ion Ratio Lower Upper

91 100

92 60.3 39.7 73.7



#44

trans-1,3-Dichloropropene

Concen: 1.761 ug/L

RT: 7.596 min Scan# 2039

Delta R.T. 0.019 min

Lab File: VV037193.D

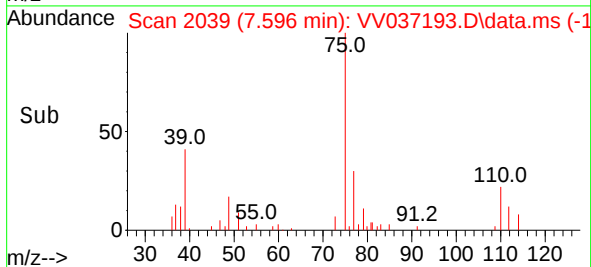
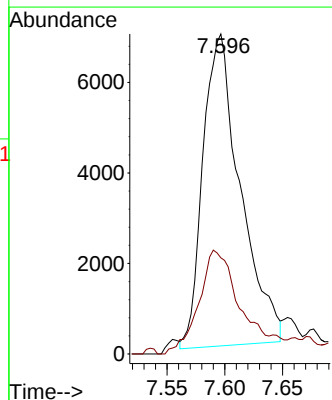
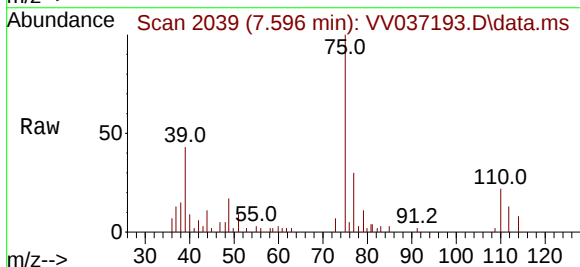
Acq: 04 Sep 2024 11:46

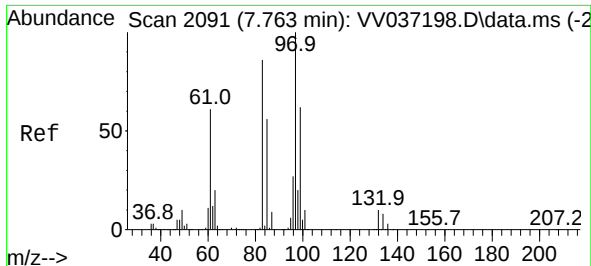
Tgt Ion: 75 Resp: 15532

Ion Ratio Lower Upper

75 100

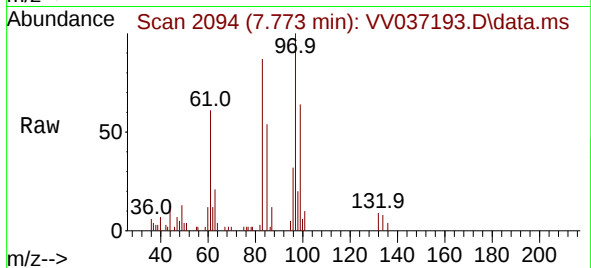
77 30.0 21.8 40.4



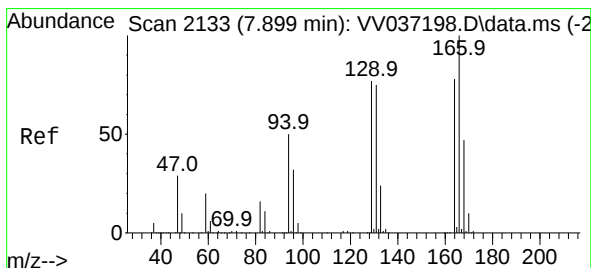
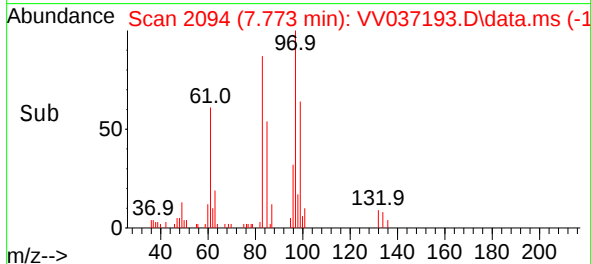
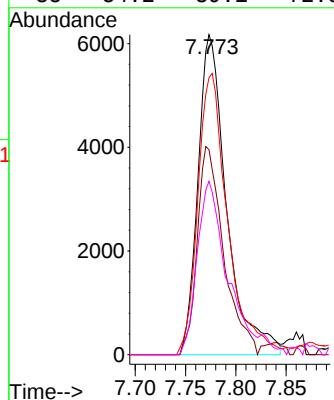


#45
1,1,2-Trichloroethane
Concen: 2.214 ug/L
RT: 7.773 min Scan# 2091
Delta R.T. 0.010 min
Lab File: VV037193.D
Acq: 04 Sep 2024 11:46

Instrument :
MSVOA_V
ClientSampleId :

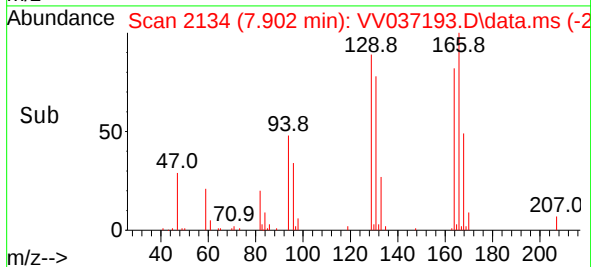
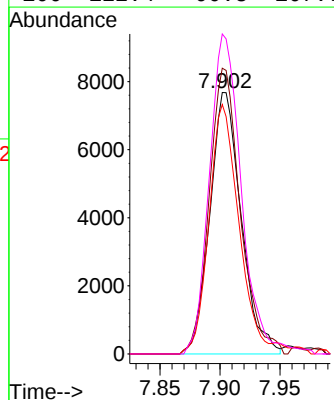
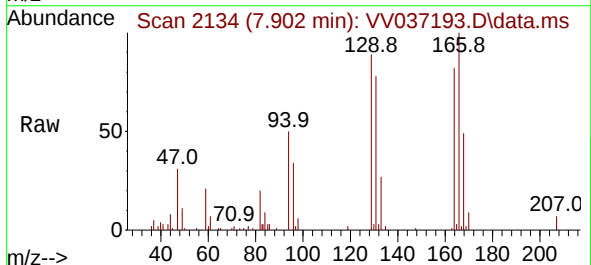


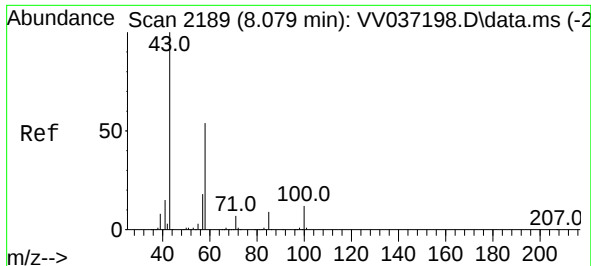
Tgt Ion:	97	Resp:	12233
Ion	Ratio	Lower	Upper
97	100		
99	64.0	43.2	80.2
83	86.6	60.0	111.4
85	54.2	39.1	72.5



#46
Tetrachloroethene
Concen: 2.463 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. 0.003 min
Lab File: VV037193.D
Acq: 04 Sep 2024 11:46

Tgt Ion:	164	Resp:	13936
Ion	Ratio	Lower	Upper
164	100		
129	109.4	70.0	130.0
131	95.4	68.0	126.2
166	122.4	90.3	167.7





#48

2-Hexanone

Concen: 0.037 ug/L

RT: 8.063 min Scan# 2189

Delta R.T. -0.016 min

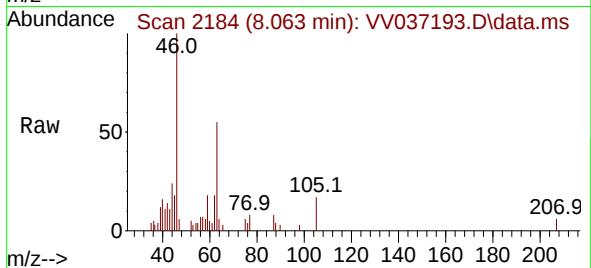
Lab File: VV037193.D

Acq: 04 Sep 2024 11:46

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 43 Resp: 112

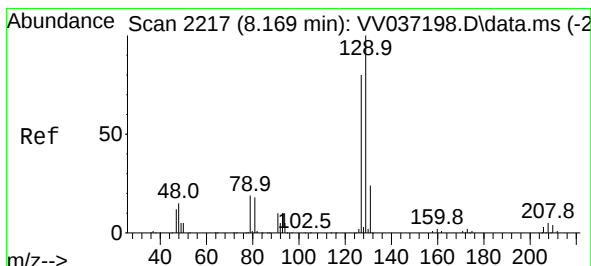
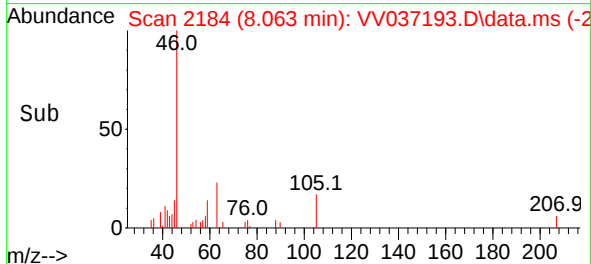
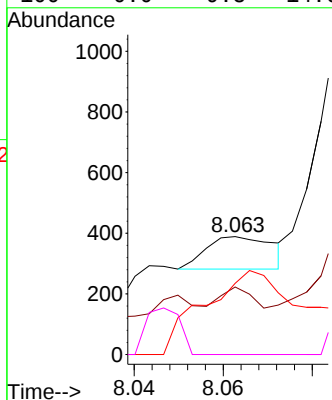
Ion Ratio Lower Upper

43 100

58 26.8 42.9 64.3#

57 384.8 14.6 21.8#

100 0.0 9.8 14.6#



#49

Dibromochloromethane

Concen: 1.972 ug/L

RT: 8.175 min Scan# 2219

Delta R.T. 0.007 min

Lab File: VV037193.D

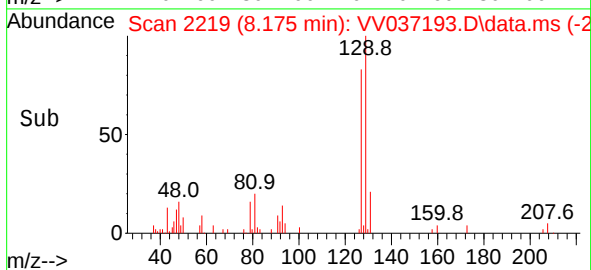
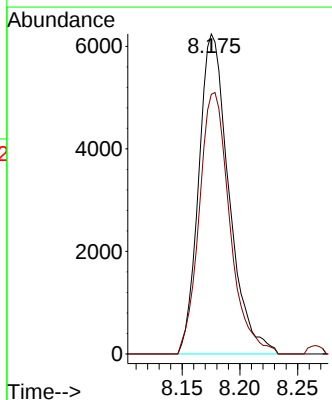
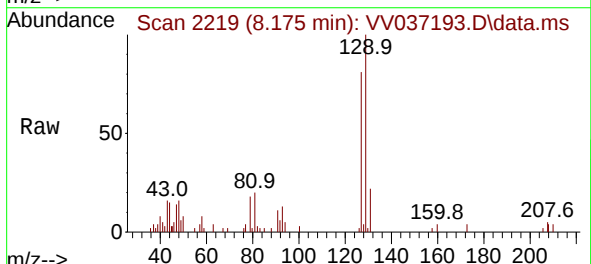
Acq: 04 Sep 2024 11:46

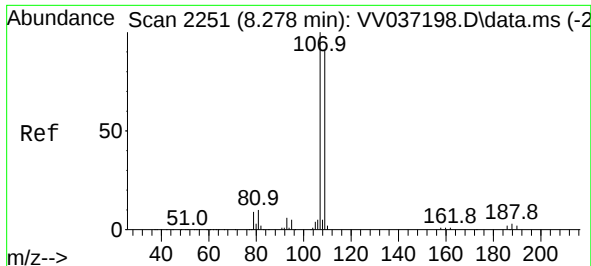
Tgt Ion: 129 Resp: 11341

Ion Ratio Lower Upper

129 100

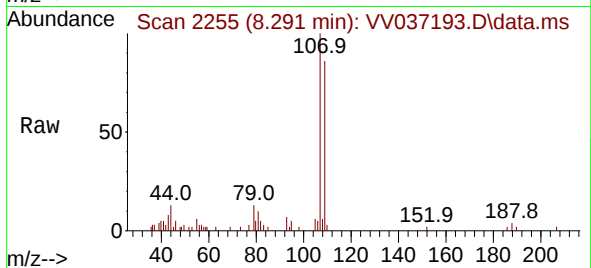
127 81.2 56.0 104.0



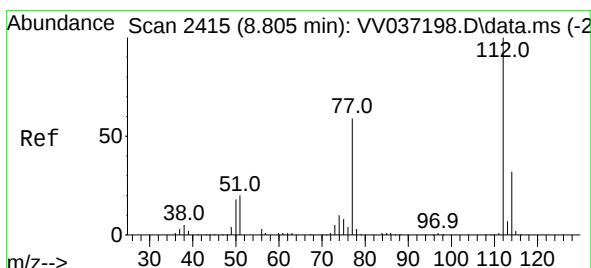
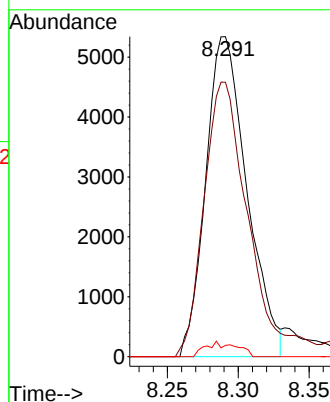
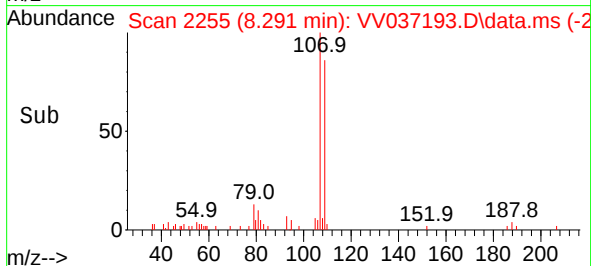


#50
1,2-Dibromoethane
Concen: 2.050 ug/L
RT: 8.291 min Scan# 21
Delta R.T. 0.013 min
Lab File: VV037193.D
Acq: 04 Sep 2024 11:46

Instrument :
MSVOA_V
ClientSampleId :

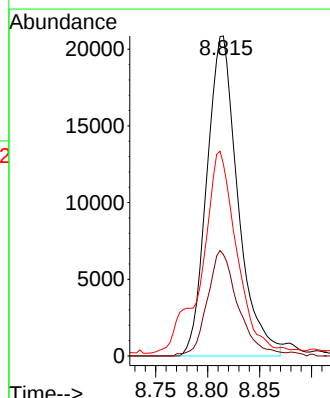
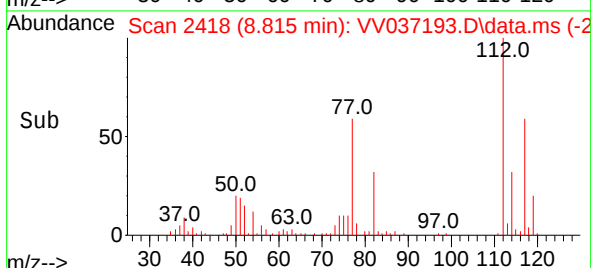
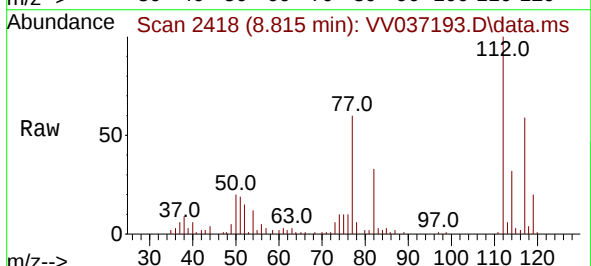


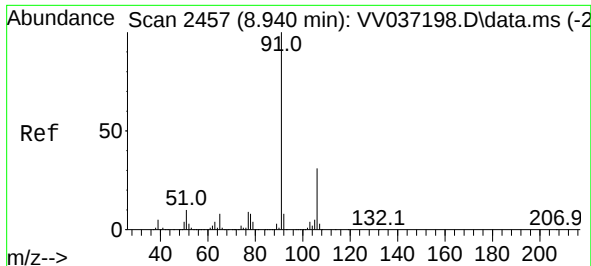
Tgt Ion:107 Resp: 10825
Ion Ratio Lower Upper
107 100
109 85.8 63.5 117.9
188 3.6 2.5 3.7



#51
Chlorobenzene
Concen: 2.227 ug/L
RT: 8.815 min Scan# 2418
Delta R.T. 0.010 min
Lab File: VV037193.D
Acq: 04 Sep 2024 11:46

Tgt Ion:112 Resp: 43363
Ion Ratio Lower Upper
112 100
114 31.7 22.4 41.6
77 59.9 47.5 71.3





#52

Ethylbenzene

Concen: 2.055 ug/L

RT: 8.947 min Scan# 2457

Delta R.T. 0.007 min

Lab File: VV037193.D

Acq: 04 Sep 2024 11:46

Instrument :

MSVOA_V

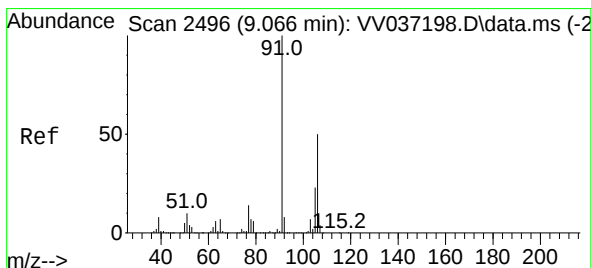
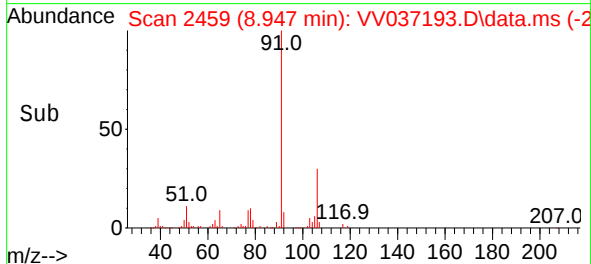
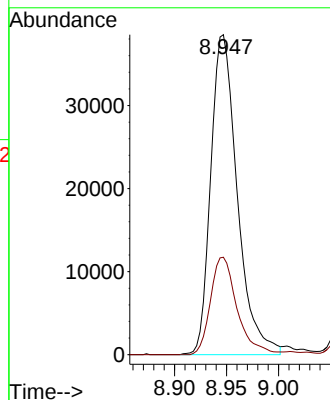
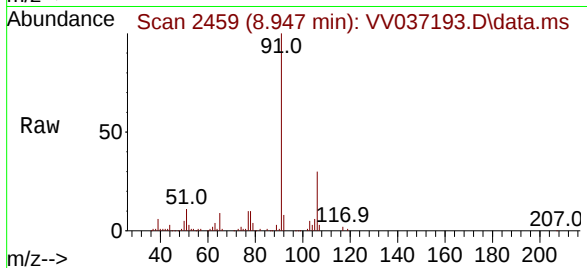
ClientSampleId :

Tgt Ion: 91 Resp: 68484

Ion Ratio Lower Upper

91 100

106 30.4 21.5 39.9



#53

m,p-Xylene

Concen: 2.013 ug/L

RT: 9.072 min Scan# 2498

Delta R.T. 0.007 min

Lab File: VV037193.D

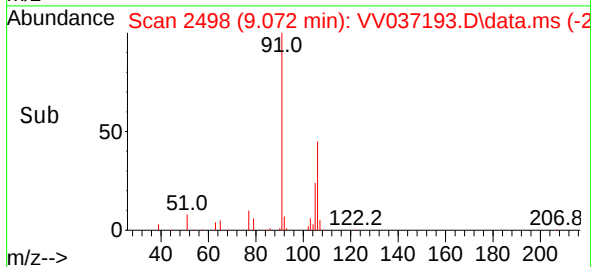
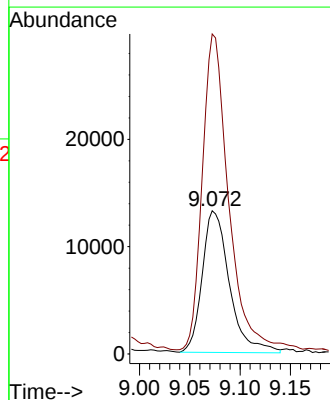
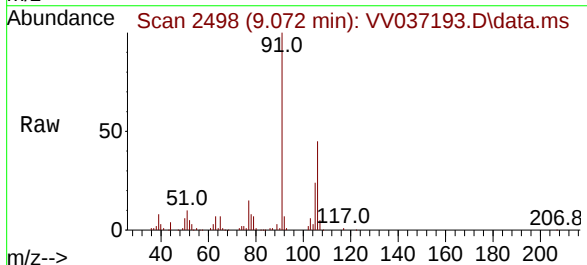
Acq: 04 Sep 2024 11:46

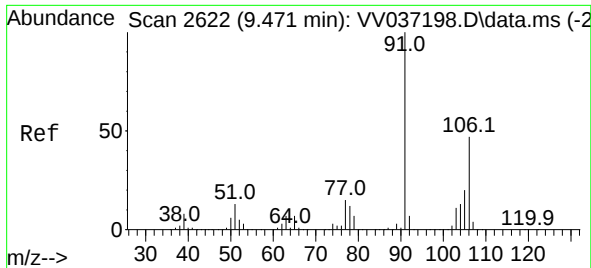
Tgt Ion: 106 Resp: 24889

Ion Ratio Lower Upper

106 100

91 223.5 141.6 263.0





#54

o-Xylene

Concen: 2.028 ug/L

RT: 9.477 min Scan# 2

Delta R.T. 0.007 min

Lab File: VV037193.D

Acq: 04 Sep 2024 11:46

Instrument :

MSVOA_V

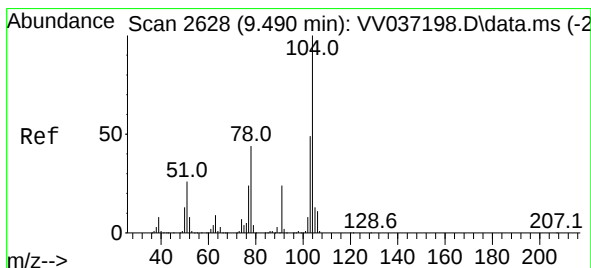
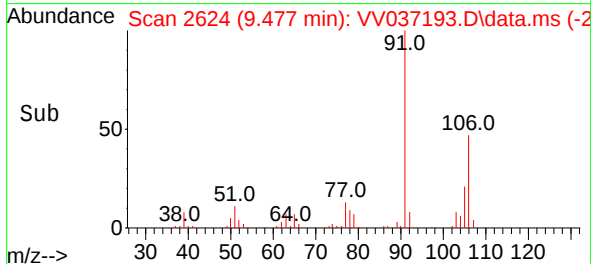
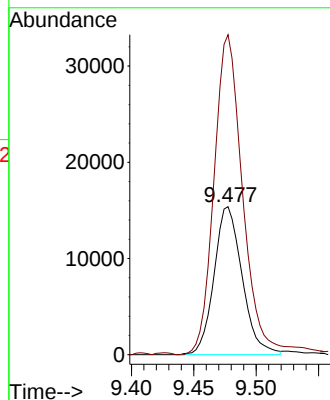
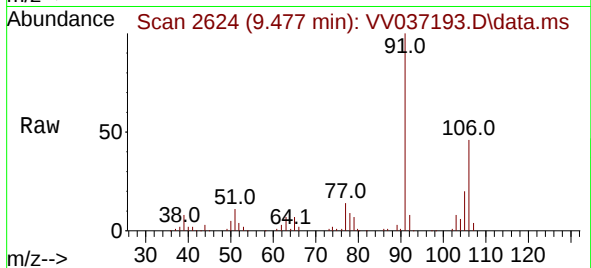
ClientSampleId :

Tgt Ion:106 Resp: 24161

Ion Ratio Lower Upper

106 100

91 216.1 150.4 279.4



#55

Styrene

Concen: 1.864 ug/L

RT: 9.500 min Scan# 2631

Delta R.T. 0.010 min

Lab File: VV037193.D

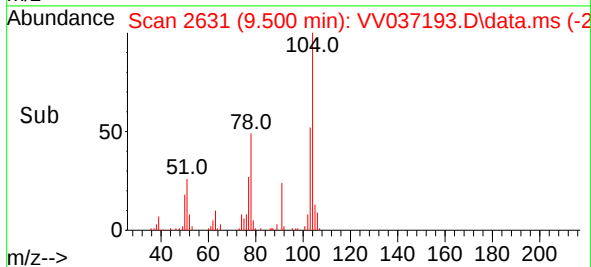
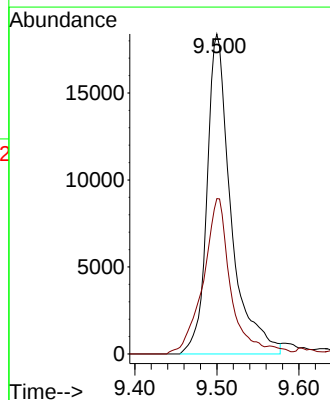
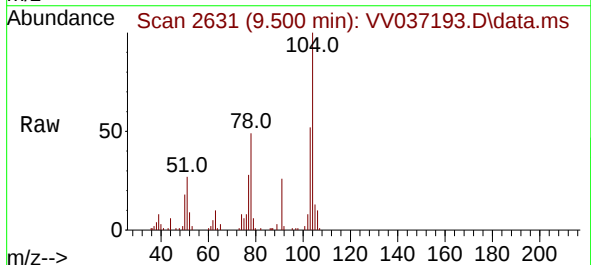
Acq: 04 Sep 2024 11:46

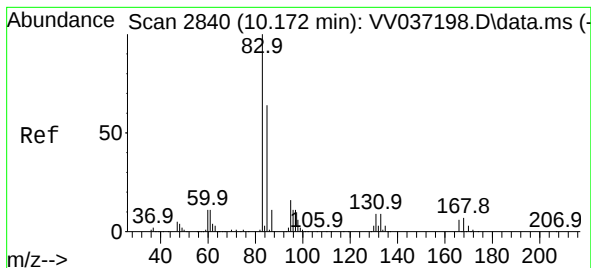
Tgt Ion:104 Resp: 37305

Ion Ratio Lower Upper

104 100

78 48.6 30.6 56.8





#57

1,1,2,2-Tetrachloroethane

Concen: 2.166 ug/L

RT: 10.178 min Scan# 21

Delta R.T. 0.007 min

Lab File: VV037193.D

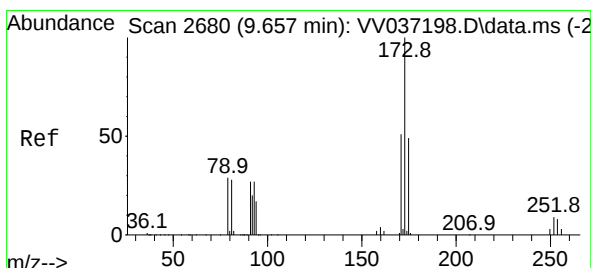
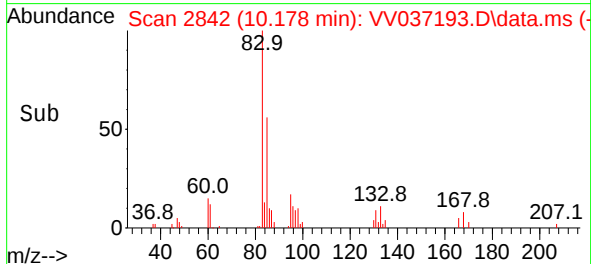
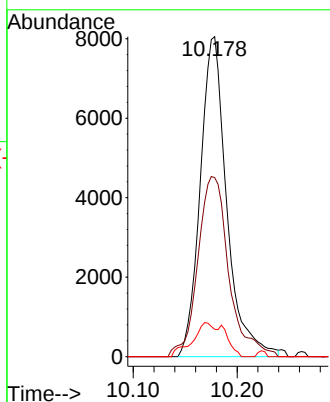
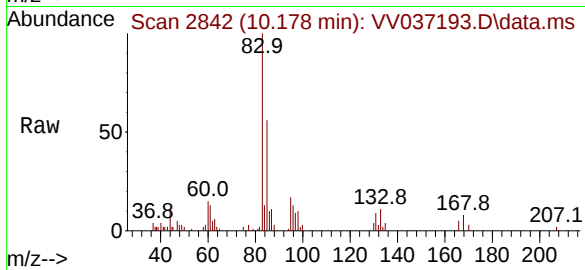
Acq: 04 Sep 2024 11:46

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	83	Resp:	14265
Ion Ratio	Lower	Upper	
83	100		
85	55.9	44.9	83.3
131	8.6	7.1	10.7



#59

Bromoform

Concen: 2.175 ug/L

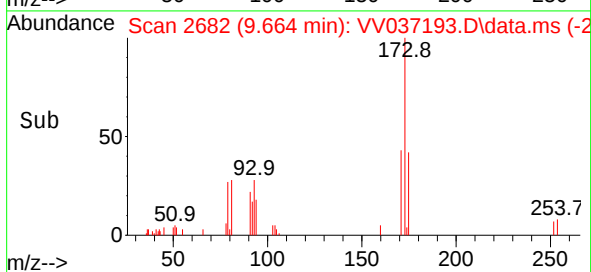
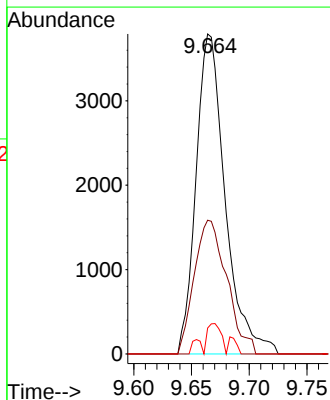
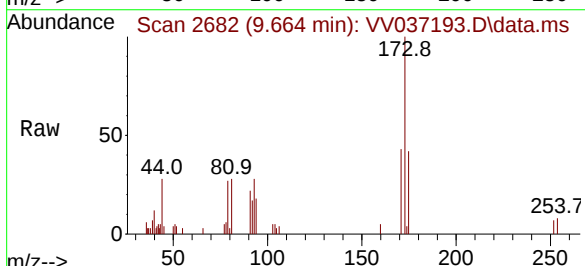
RT: 9.664 min Scan# 2682

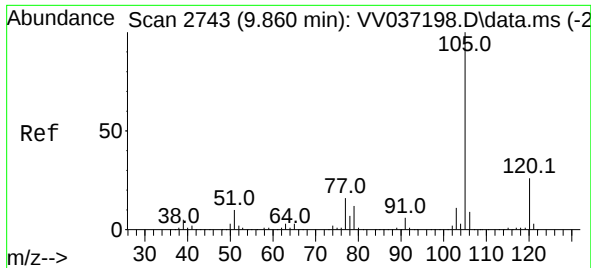
Delta R.T. 0.007 min

Lab File: VV037193.D

Acq: 04 Sep 2024 11:46

Tgt Ion:	173	Resp:	6657
Ion Ratio	Lower	Upper	
173	100		
175	46.0	38.6	57.8
254	4.5	6.6	9.8#

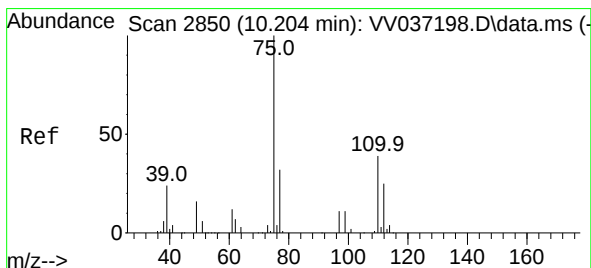
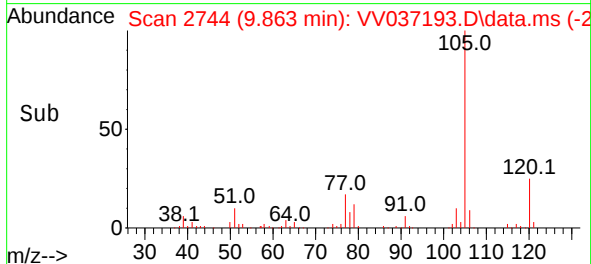
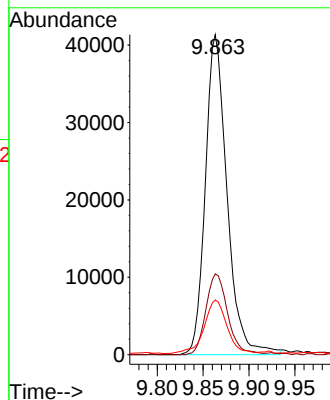
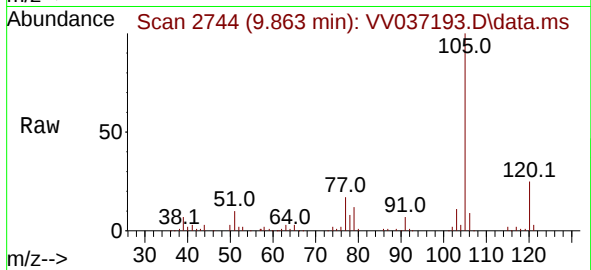




#60
Isopropylbenzene
Concen: 2.171 ug/L
RT: 9.863 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV037193.D
Acq: 04 Sep 2024 11:46

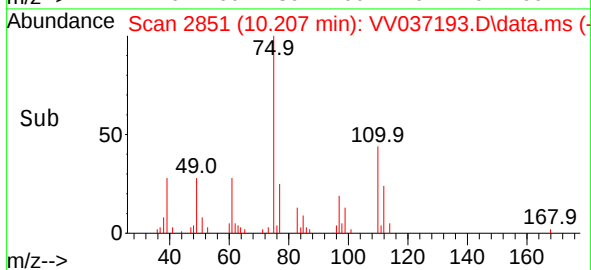
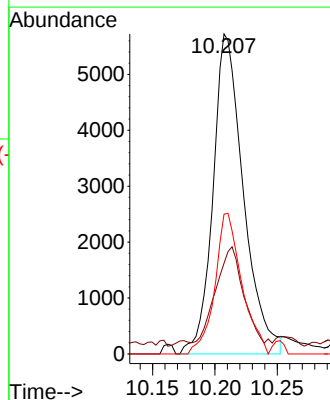
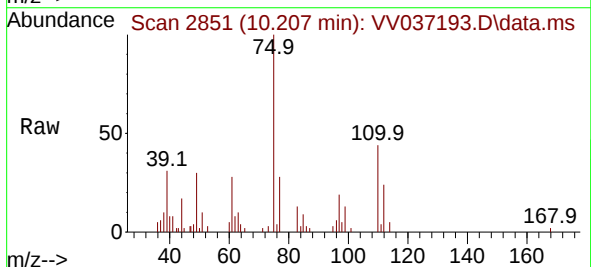
Instrument :
MSVOA_V
ClientSampleId :

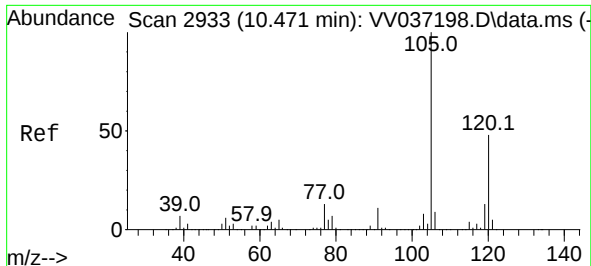
Tgt Ion:105 Resp: 67952
Ion Ratio Lower Upper
105 100
120 25.3 20.6 31.0
77 17.4 12.4 18.6



#61
1,2,3-Trichloropropane
Concen: 2.191 ug/L
RT: 10.207 min Scan# 2851
Delta R.T. 0.003 min
Lab File: VV037193.D
Acq: 04 Sep 2024 11:46

Tgt Ion: 75 Resp: 9735
Ion Ratio Lower Upper
75 100
77 28.1 24.6 36.8
110 38.8 30.8 46.2





#62

1,3,5-Trimethylbenzene

Concen: 2.108 ug/L

RT: 10.474 min Scan# 2933

Delta R.T. 0.003 min

Lab File: VV037193.D

Acq: 04 Sep 2024 11:46

Instrument :

MSVOA_V

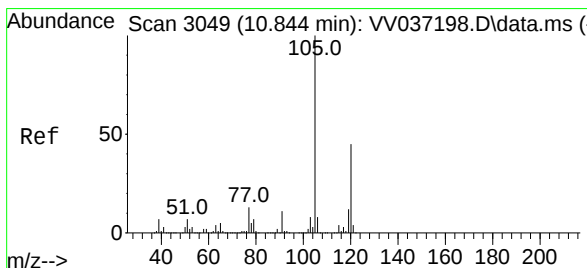
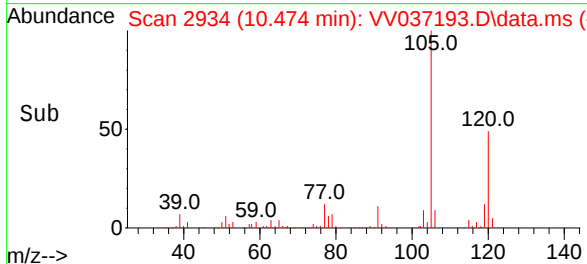
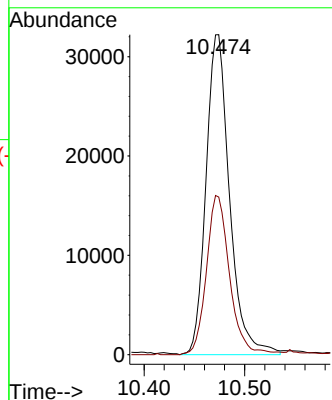
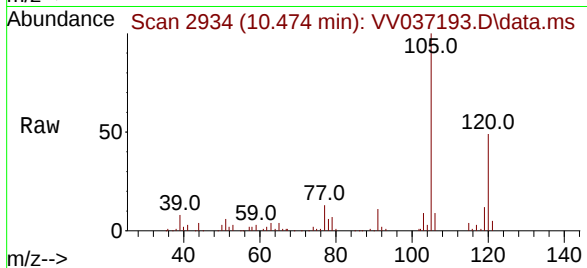
ClientSampleId :

Tgt Ion:105 Resp: 52420

Ion Ratio Lower Upper

105 100

120 48.0 38.7 58.1



#63

1,2,4-Trimethylbenzene

Concen: 2.075 ug/L

RT: 10.850 min Scan# 3051

Delta R.T. 0.007 min

Lab File: VV037193.D

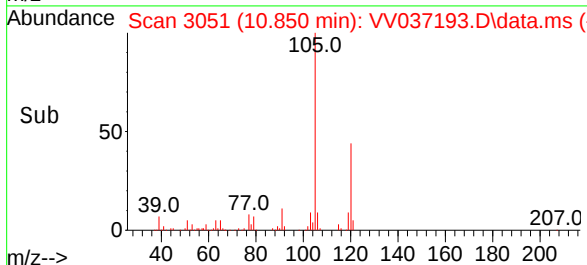
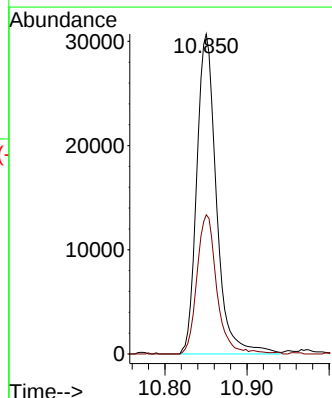
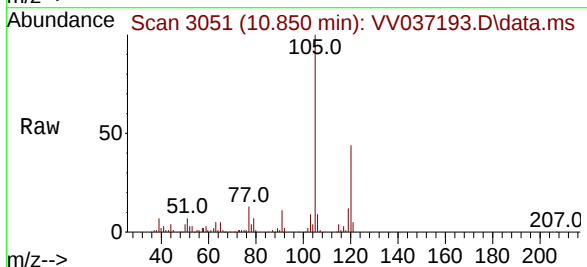
Acq: 04 Sep 2024 11:46

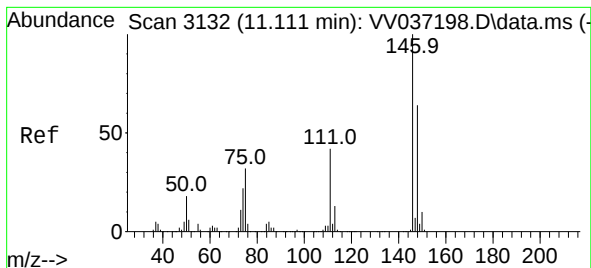
Tgt Ion:105 Resp: 51177

Ion Ratio Lower Upper

105 100

120 42.9 35.8 53.6





#64

1,3-Dichlorobenzene

Concen: 2.324 ug/L

RT: 11.117 min Scan# 3132

Delta R.T. 0.007 min

Lab File: VV037193.D

Acq: 04 Sep 2024 11:46

Instrument :

MSVOA_V

ClientSampleId :

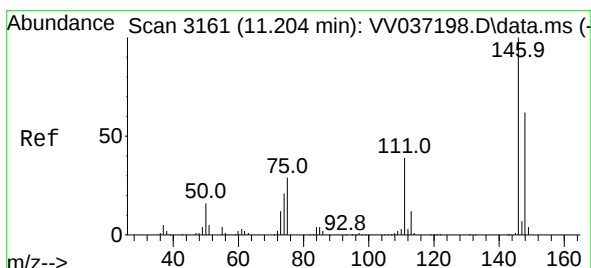
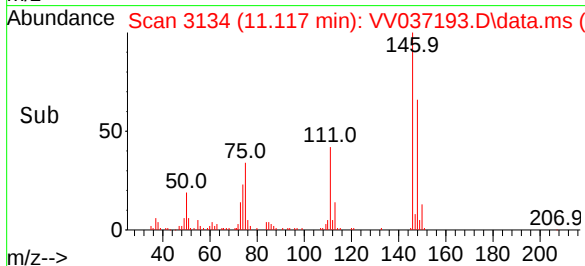
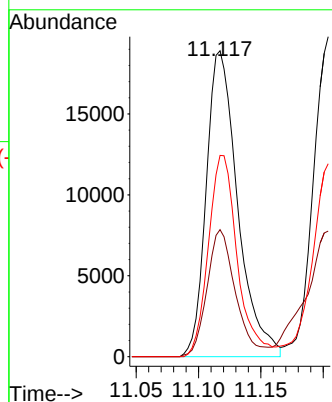
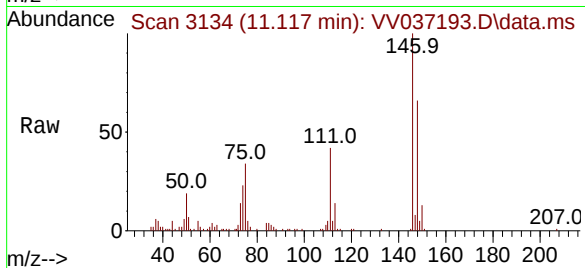
Tgt Ion:146 Resp: 33176

Ion Ratio Lower Upper

146 100

111 41.6 29.7 55.1

148 65.8 45.0 83.6



#65

1,4-Dichlorobenzene

Concen: 2.412 ug/L

RT: 11.204 min Scan# 3161

Delta R.T. 0.000 min

Lab File: VV037193.D

Acq: 04 Sep 2024 11:46

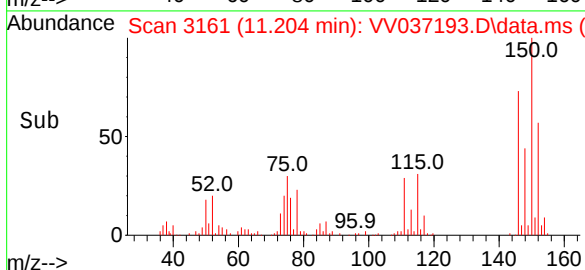
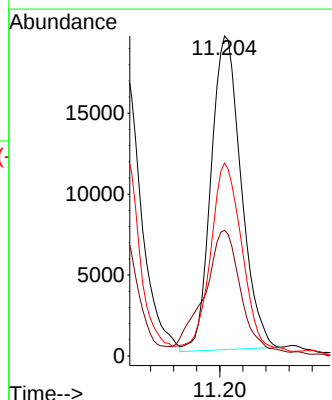
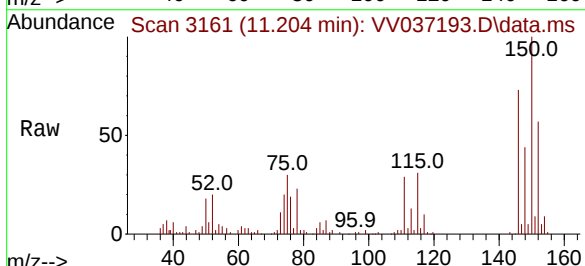
Tgt Ion:146 Resp: 35107

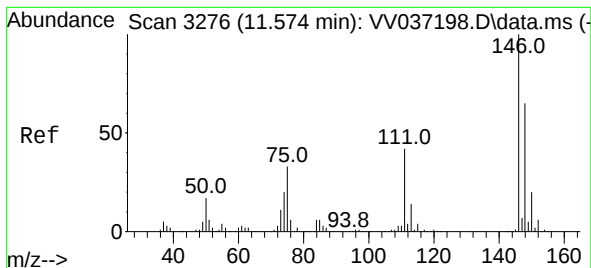
Ion Ratio Lower Upper

146 100

111 39.3 27.6 51.4

148 60.3 43.3 80.5





#67

1,2-Dichlorobenzene

Concen: 2.389 ug/L

RT: 11.577 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV037193.D

Acq: 04 Sep 2024 11:46

Instrument :

MSVOA_V

ClientSampleId :

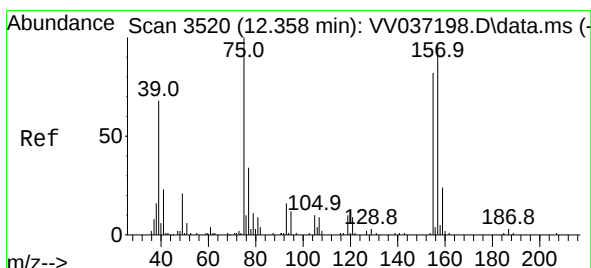
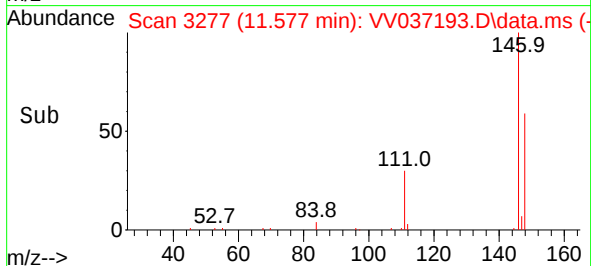
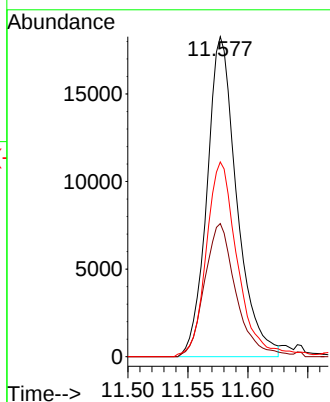
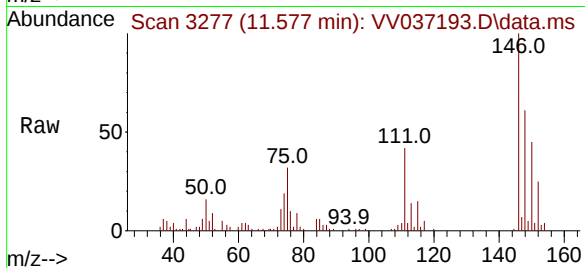
Tgt Ion:146 Resp: 31624

Ion Ratio Lower Upper

146 100

111 41.6 34.1 51.1

148 60.9 51.8 77.6



#68

1,2-Dibromo-3-chloropropane

Concen: 2.205 ug/L

RT: 12.368 min Scan# 3523

Delta R.T. 0.010 min

Lab File: VV037193.D

Acq: 04 Sep 2024 11:46

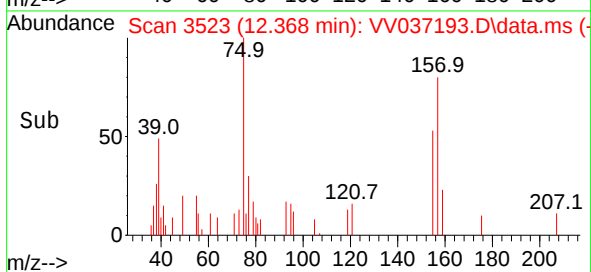
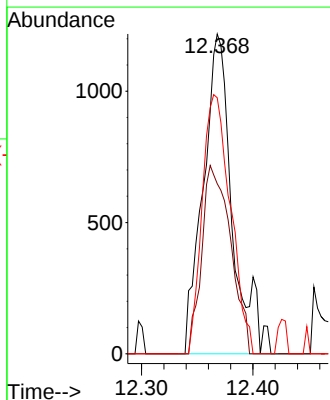
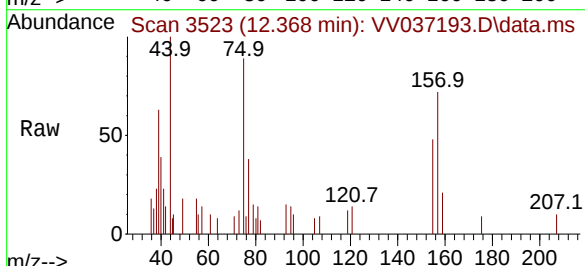
Tgt Ion: 75 Resp: 2211

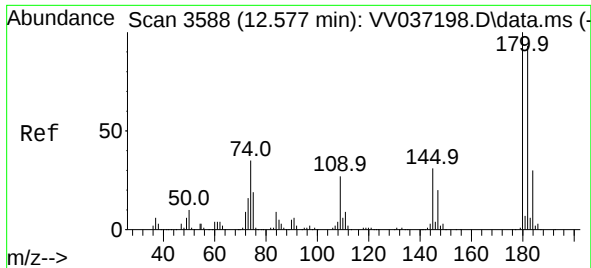
Ion Ratio Lower Upper

75 100

155 53.2 65.6 98.4#

157 80.0 76.9 115.3





#69

1,3,5-Trichlorobenzene

Concen: 2.322 ug/L

RT: 12.580 min Scan# 3589

Delta R.T. 0.003 min

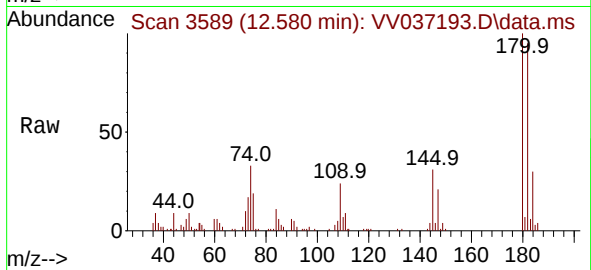
Lab File: VV037193.D

Acq: 04 Sep 2024 11:46

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 23516

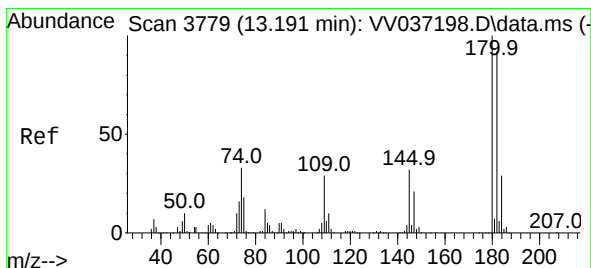
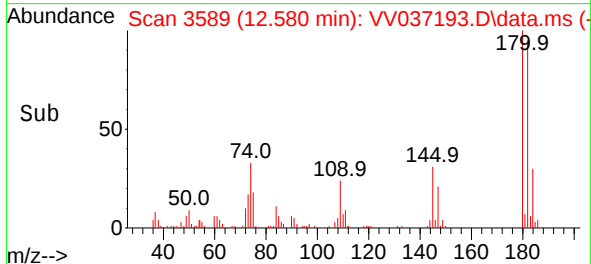
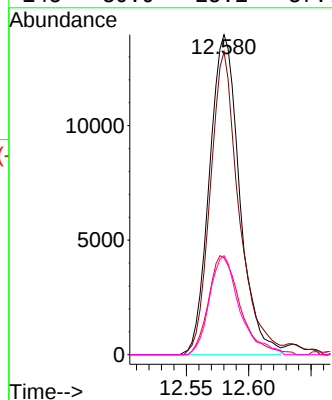
Ion Ratio Lower Upper

180 100

182 89.8 74.6 111.8

184 32.6 23.8 35.8

145 30.9 25.1 37.7



#70

1,2,4-trichlorobenzene

Concen: 2.343 ug/L

RT: 13.198 min Scan# 3781

Delta R.T. 0.007 min

Lab File: VV037193.D

Acq: 04 Sep 2024 11:46

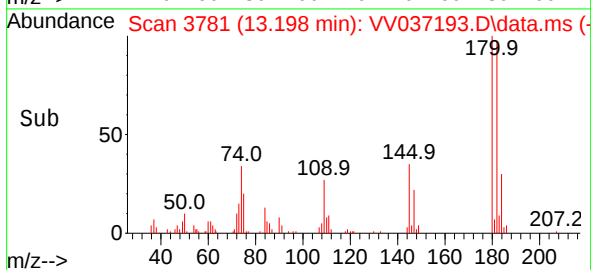
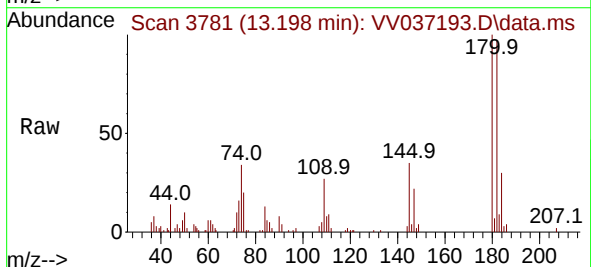
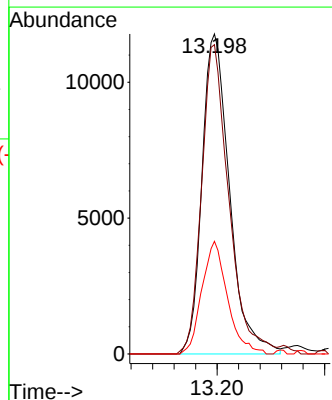
Tgt Ion:180 Resp: 20951

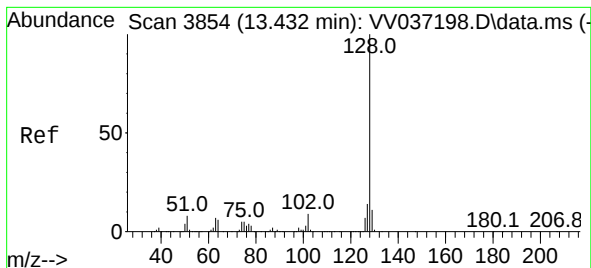
Ion Ratio Lower Upper

180 100

182 95.4 74.9 112.3

145 32.7 25.4 38.0





#71

Naphthalene

Concen: 2.307 ug/L

RT: 13.439 min Scan# 3854

Delta R.T. 0.007 min

Lab File: VV037193.D

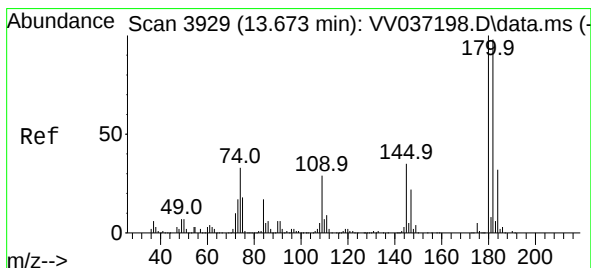
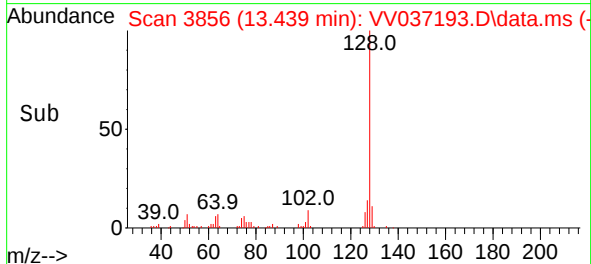
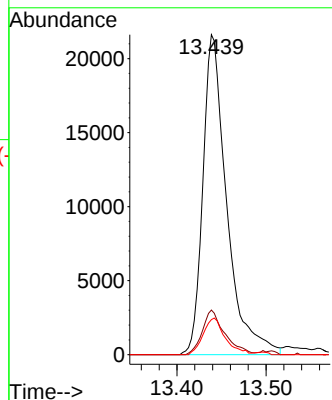
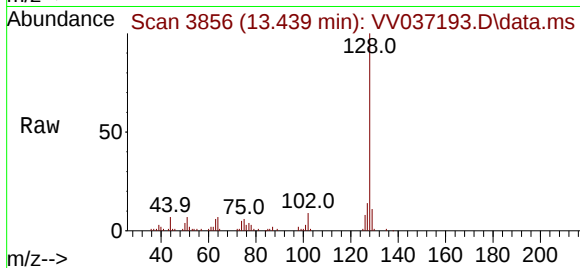
Acq: 04 Sep 2024 11:46

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:128	Resp:	40245
Ion Ratio	Lower	Upper
128	100	
127	13.1	10.5 15.7
129	10.5	8.2 12.2



#72

1,2,3-Trichlorobenzene

Concen: 2.344 ug/L

RT: 13.677 min Scan# 3930

Delta R.T. 0.003 min

Lab File: VV037193.D

Acq: 04 Sep 2024 11:46

Tgt Ion:180	Resp:	19246
Ion Ratio	Lower	Upper
180	100	
182	91.3	78.0 117.0
145	33.7	27.9 41.9

