

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091024\
 Data File : VV037242.D
 Acq On : 10 Sep 2024 10:19
 Operator : SY/MD
 Sample : VSTD010
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 11 04:37:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 11 04:34:16 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	321967	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	328214	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.182	152	170320	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	189591	10.037	ug/L	0.00
7) Chloroethane-d5	1.529	69	197022	10.004	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.053	65	100395	10.292	ug/L	0.00
20) 2-Butanone-d5	3.812	46	614925	119.965	ug/L	0.00
24) Chloroform-d	4.240	84	467393	10.192	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.934	65	220903	10.287	ug/L	0.00
32) Benzene-d6	4.953	84	909782	10.338	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.982	67	284120	9.951	ug/L	0.00
41) Toluene-d8	7.236	98	827822	10.440	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.548	79	95019	10.555	ug/L	0.00
46) 2-Hexanone-d5	8.021	63	491272	116.286	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.146	84	217715	9.761	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.555	152	294525	9.726	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	293891	9.827	ug/L	99
3) Chloromethane	1.214	50	321658	10.080	ug/L	100
5) Vinyl chloride	1.282	62	318986	10.170	ug/L	99
6) Bromomethane	1.487	94	190964	10.149	ug/L	99
8) Chloroethane	1.548	64	192633	10.214	ug/L	100
9) Trichlorofluoromethane	1.709	101	400477	10.265	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	232300	9.832	ug/L	100
12) 1,1-Dichloroethene	2.063	96	229481	10.171	ug/L	88
13) Acetone	2.159	43	390687	103.895	ug/L	98
14) Carbon disulfide	2.233	76	733934	10.316	ug/L	100
15) Methyl Acetate	2.388	43	96733	10.914	ug/L	97
16) Methylene chloride	2.442	84	255846	9.863	ug/L	98
17) Methyl tert-butyl Ether	2.700	73	571980	10.664	ug/L	100
18) trans-1,2-Dichloroethene	2.687	96	247927	10.444	ug/L	95
19) 1,1-Dichloroethane	3.105	63	465278	10.264	ug/L	98
21) 2-Butanone	3.892	43	634882	114.506	ug/L	95
22) cis-1,2-Dichloroethene	3.806	96	269341	10.495	ug/L	99
23) Bromochloromethane	4.140	128	116544	10.486	ug/L	97
25) Chloroform	4.269	83	469733	10.286	ug/L	97
27) 1,2-Dichloroethane	5.034	62	280802	10.867	ug/L	100
29) 1,1,1-Trichloroethane	4.503	97	398159	10.231	ug/L	98
30) Cyclohexane	4.574	56	386588	10.239	ug/L	98
31) Carbon tetrachloride	4.725	117	334391	10.095	ug/L	99
33) Benzene	5.002	78	1023660	10.351	ug/L	100
34) Trichloroethene	5.825	95	271411	10.185	ug/L	97
35) Methylcyclohexane	6.043	83	407332	10.055	ug/L	99
37) 1,2-Dichloropropane	6.085	63	263901	10.833	ug/L	100
38) Bromodichloromethane	6.426	83	324670	10.307	ug/L	97
39) cis-1,3-Dichloropropene	6.947	75	391198	10.980	ug/L	99
40) 4-Methyl-2-pentanone	7.153	43	1577031	110.334	ug/L	99
42) Toluene	7.307	91	1086097	10.558	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	322152	11.101	ug/L	97

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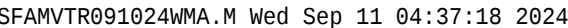
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 11 04:34:16 2024
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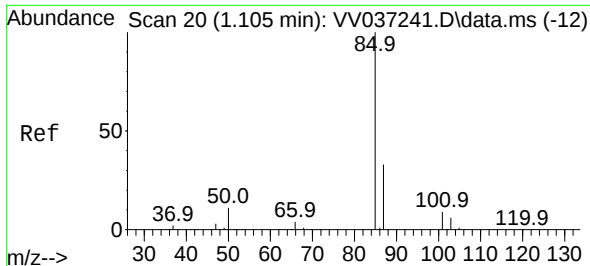
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	7.764	97	186124	10.335	ug/L	99
47) Tetrachloroethene	7.899	164	189748	9.948	ug/L	98
48) 2-Hexanone	8.072	43	1139933	115.765	ug/L	100
49) Dibromochloromethane	8.169	129	200642	10.635	ug/L	98
50) 1,2-Dibromoethane	8.278	107	177850	10.453	ug/L	99
51) Chlorobenzene	8.809	112	697129	10.177	ug/L	100
52) Ethylbenzene	8.940	91	1213811	10.572	ug/L	99
53) m,p-Xylene	9.066	106	453110	10.727	ug/L	99
54) o-Xylene	9.471	106	447899	10.710	ug/L	99
55) Styrene	9.490	104	777312	10.963	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.172	83	224862	10.336	ug/L	98
59) Bromoform	9.661	173	104611	10.499	ug/L	98
60) Isopropylbenzene	9.860	105	1203710	10.559	ug/L	99
61) 1,2,3-Trichloropropane	10.204	75	160591	10.362	ug/L	99
62) 1,3,5-Trimethylbenzene	10.471	105	962618	10.649	ug/L	99
63) 1,2,4-Trimethylbenzene	10.844	105	978322	10.774	ug/L	99
64) 1,3-Dichlorobenzene	11.111	146	539514	10.011	ug/L	98
65) 1,4-Dichlorobenzene	11.204	146	542884	9.823	ug/L	99
67) 1,2-Dichlorobenzene	11.574	146	506051	10.129	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.362	75	34399	11.114	ug/L	94
69) 1,3,5-Trichlorobenzene	12.577	180	378730	9.854	ug/L	98
70) 1,2,4-trichlorobenzene	13.191	180	322691	10.200	ug/L	98
71) Naphthalene	13.435	128	521466	10.786	ug/L	100
72) 1,2,3-Trichlorobenzene	13.673	180	277063	10.584	ug/L	96

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

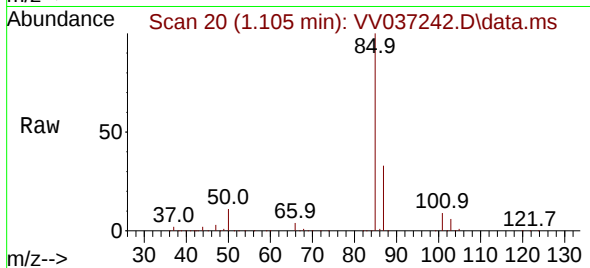
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091024WMA.M
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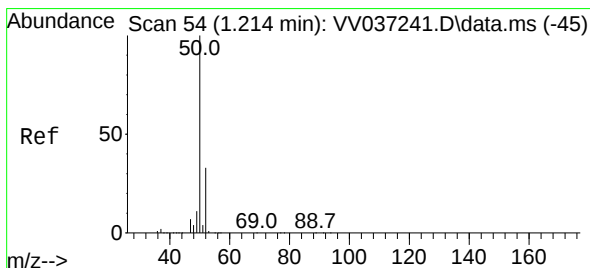
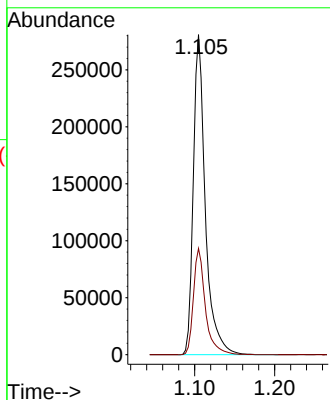
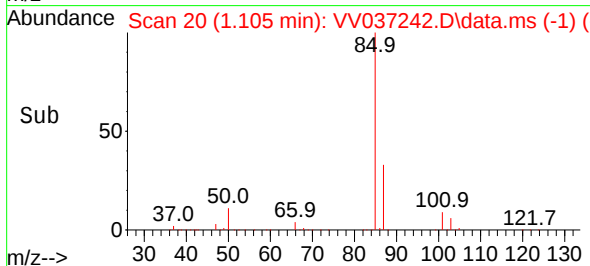


#2
 Dichlorodifluoromethane
 Concen: 9.827 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VV037242.D
 Acq: 10 Sep 2024 10:19

Instrument :
 MSVOA_V
 ClientSampleId :

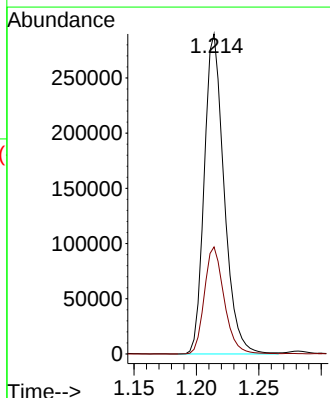
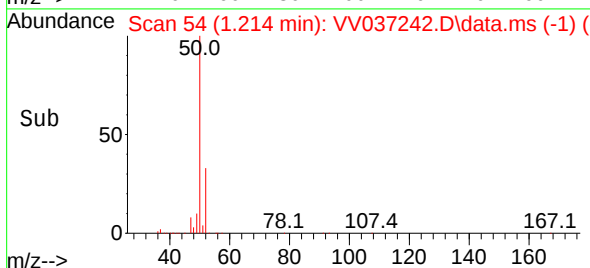
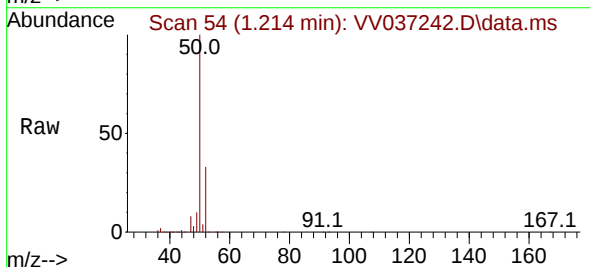


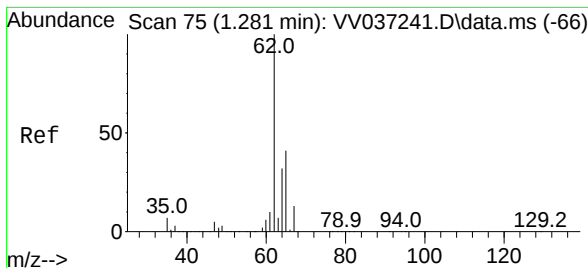
Tgt Ion: 85 Resp: 293891
 Ion Ratio Lower Upper
 85 100
 87 32.9 25.8 38.8



#3
 Chloromethane
 Concen: 10.080 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. 0.000 min
 Lab File: VV037242.D
 Acq: 10 Sep 2024 10:19

Tgt Ion: 50 Resp: 321658
 Ion Ratio Lower Upper
 50 100
 52 33.4 23.3 43.3





#5

Vinyl chloride

Concen: 10.170 ug/L

RT: 1.282 min Scan# 75

Delta R.T. 0.000 min

Lab File: VV037242.D

Acq: 10 Sep 2024 10:19

Instrument :

MSVOA_V

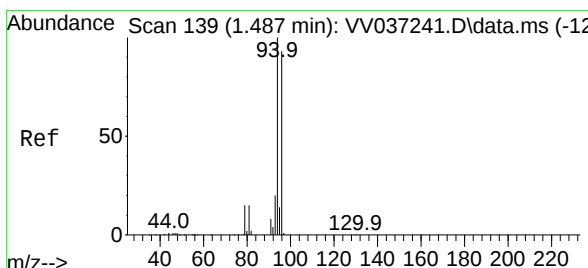
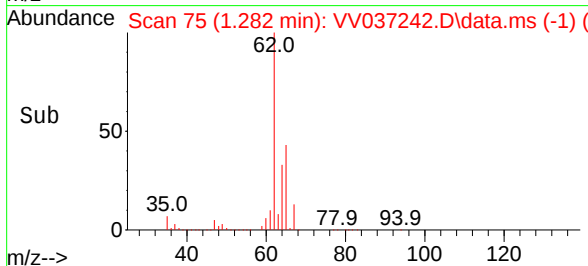
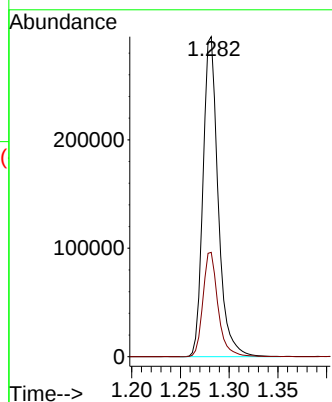
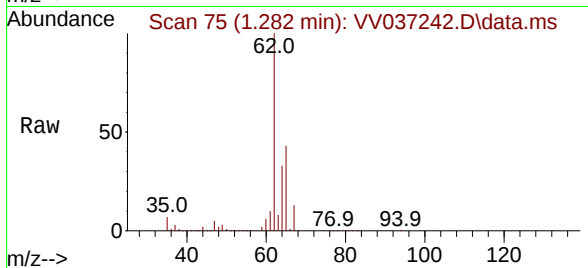
ClientSampleId :

Tgt Ion: 62 Resp: 318986

Ion Ratio Lower Upper

62 100

64 32.6 22.4 41.6



#6

Bromomethane

Concen: 10.149 ug/L

RT: 1.487 min Scan# 139

Delta R.T. 0.000 min

Lab File: VV037242.D

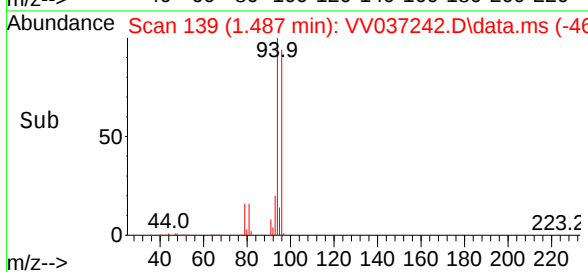
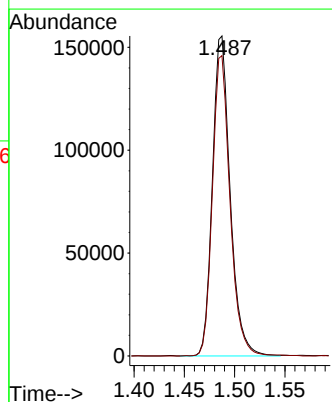
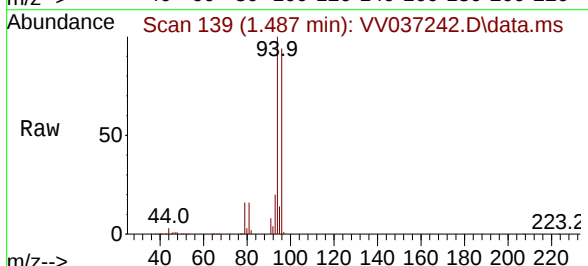
Acq: 10 Sep 2024 10:19

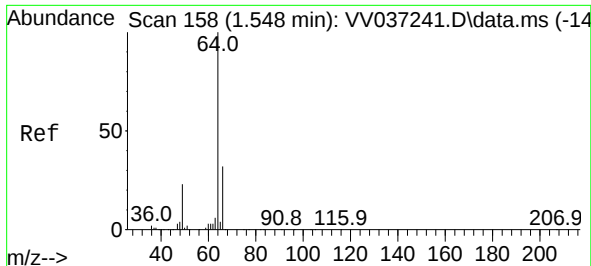
Tgt Ion: 94 Resp: 190964

Ion Ratio Lower Upper

94 100

96 93.9 65.3 121.3





#8

Chloroethane

Concen: 10.214 ug/L

RT: 1.548 min Scan# 158

Delta R.T. 0.000 min

Lab File: VV037242.D

Acq: 10 Sep 2024 10:19

Instrument :

MSVOA_V

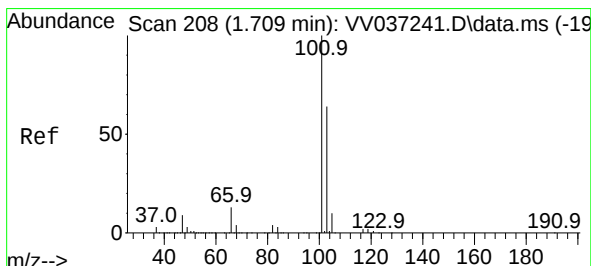
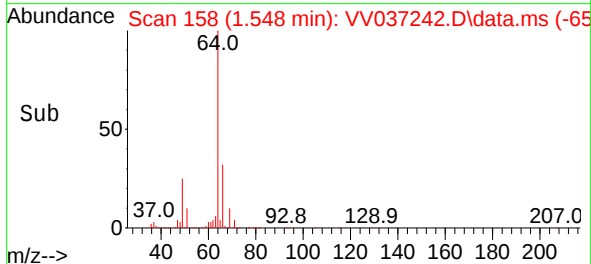
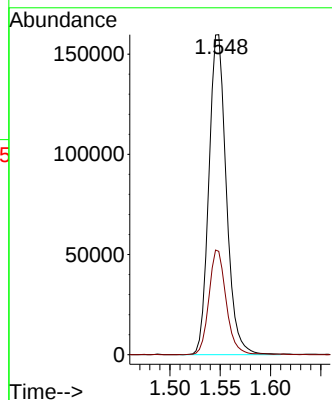
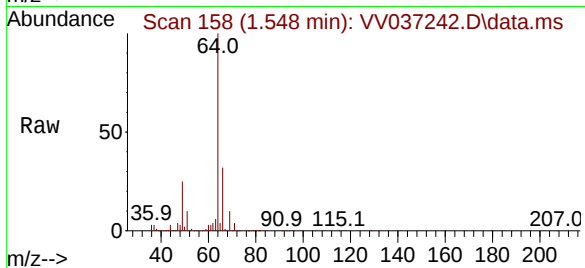
ClientSampleId :

Tgt Ion: 64 Resp: 192633

Ion Ratio Lower Upper

64 100

66 32.3 22.7 42.1



#9

Trichlorofluoromethane

Concen: 10.265 ug/L

RT: 1.709 min Scan# 208

Delta R.T. 0.000 min

Lab File: VV037242.D

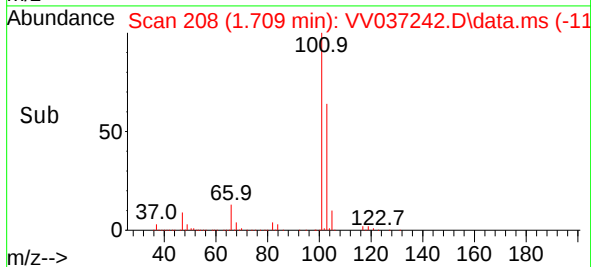
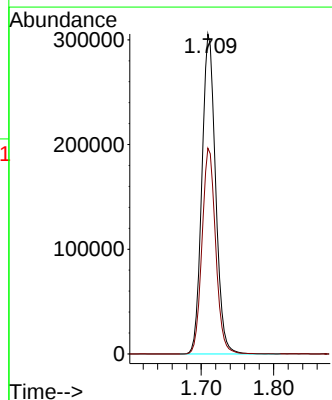
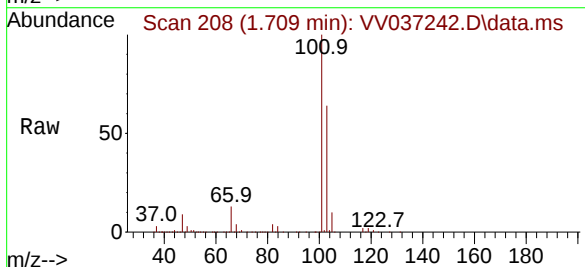
Acq: 10 Sep 2024 10:19

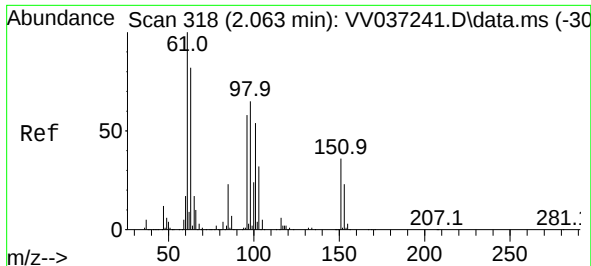
Tgt Ion:101 Resp: 400477

Ion Ratio Lower Upper

101 100

103 64.1 51.5 77.3

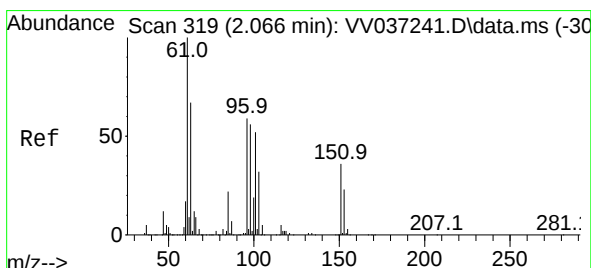
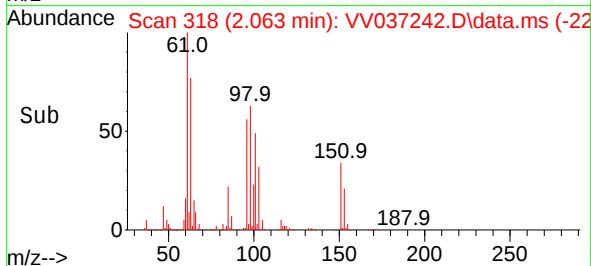
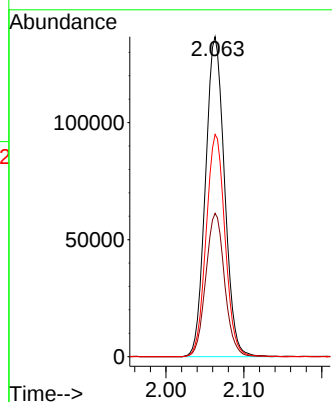
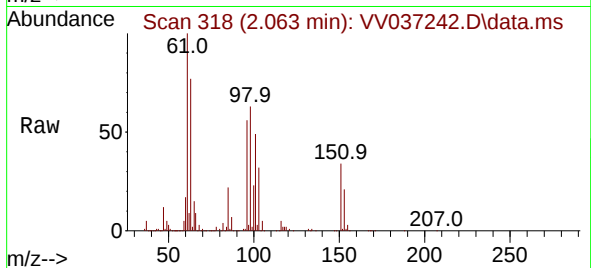




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 9.832 ug/L
 RT: 2.063 min Scan# 318
 Delta R.T. 0.000 min
 Lab File: VV037242.D
 Acq: 10 Sep 2024 10:19

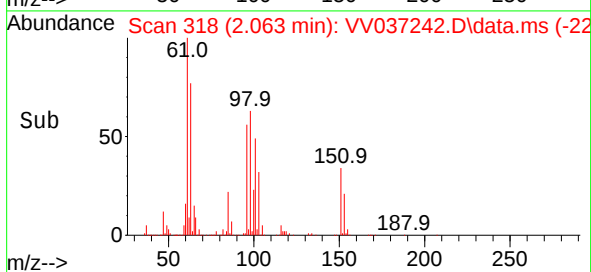
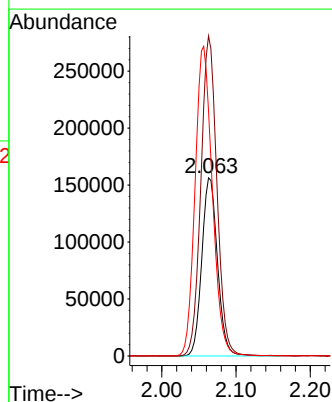
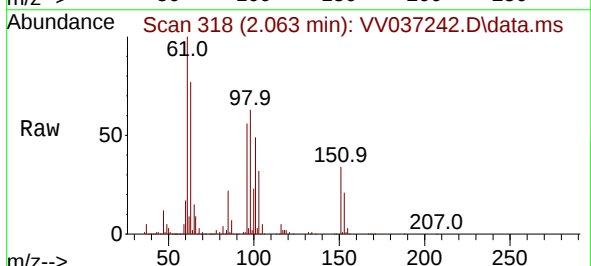
Instrument :
 MSVOA_V
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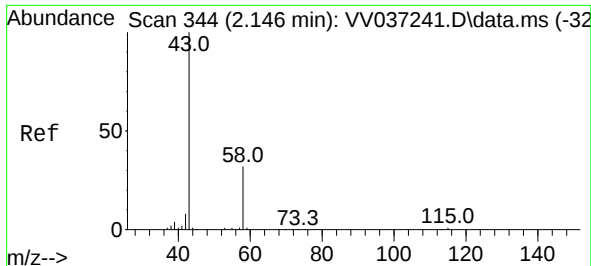
Tgt Ion:101 Resp: 232300
 Ion Ratio Lower Upper
 101 100
 85 44.3 35.1 52.7
 151 68.9 55.3 82.9



#12
 1,1-Dichloroethene
 Concen: 10.171 ug/L
 RT: 2.063 min Scan# 318
 Delta R.T. -0.003 min
 Lab File: VV037242.D
 Acq: 10 Sep 2024 10:19

Tgt Ion: 96 Resp: 229481
 Ion Ratio Lower Upper
 96 100
 61 179.7 119.9 222.7
 63 137.7 81.4 151.2





#13

Acetone

Concen: 103.895 ug/L

RT: 2.159 min Scan# 344

Delta R.T. 0.013 min

Lab File: VV037242.D

Acq: 10 Sep 2024 10:19

Instrument :

MSVOA_V

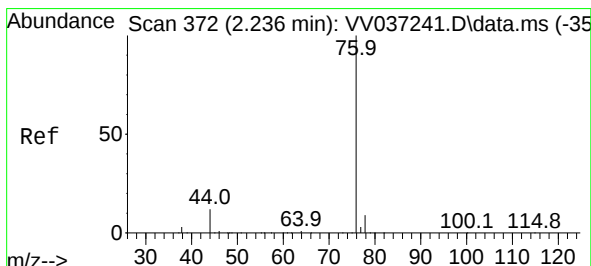
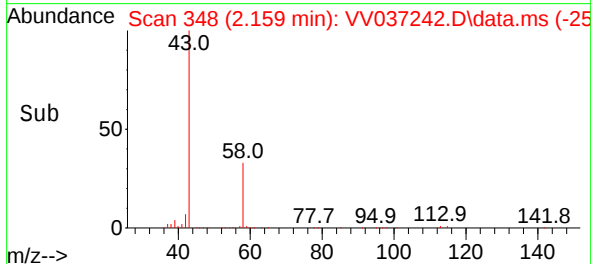
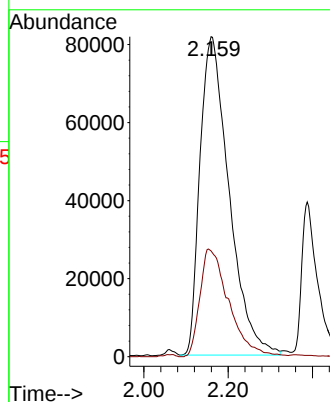
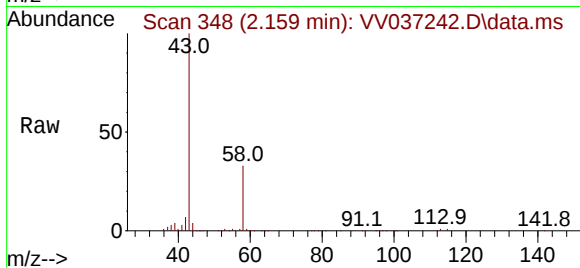
ClientSampleId :

Tgt Ion: 43 Resp: 390687

Ion Ratio Lower Upper

43 100

58 33.4 0.0 69.2



#14

Carbon disulfide

Concen: 10.316 ug/L

RT: 2.233 min Scan# 371

Delta R.T. -0.003 min

Lab File: VV037242.D

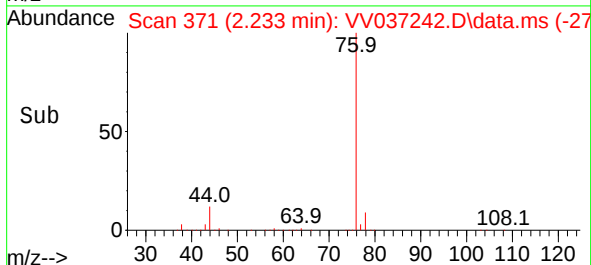
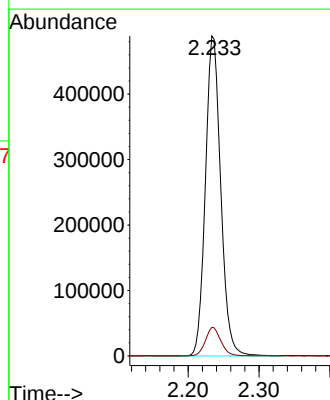
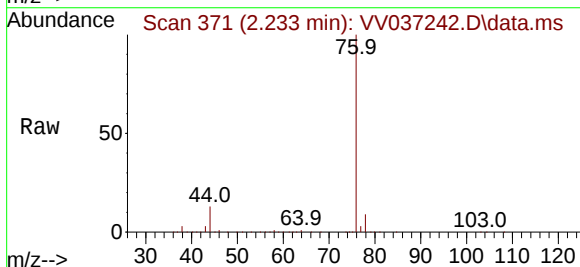
Acq: 10 Sep 2024 10:19

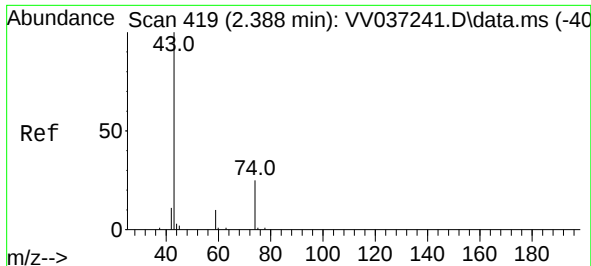
Tgt Ion: 76 Resp: 733934

Ion Ratio Lower Upper

76 100

78 8.9 7.3 10.9





#15

Methyl Acetate

Concen: 10.914 ug/L

RT: 2.388 min Scan# 419

Delta R.T. 0.000 min

Lab File: VV037242.D

Acq: 10 Sep 2024 10:19

Instrument :

MSVOA_V

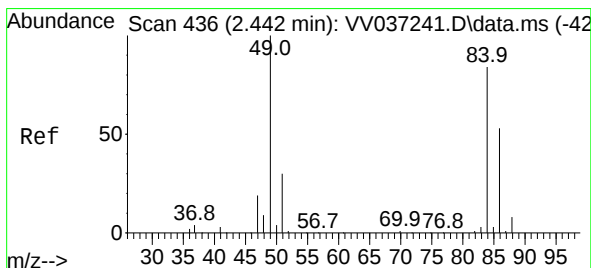
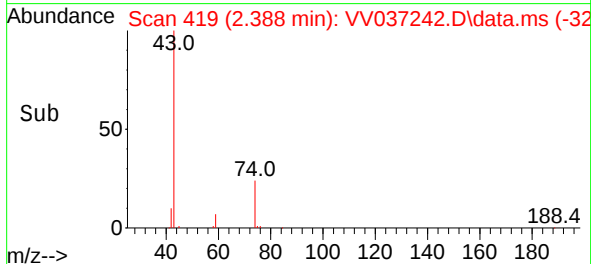
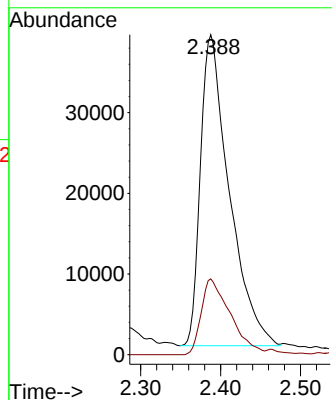
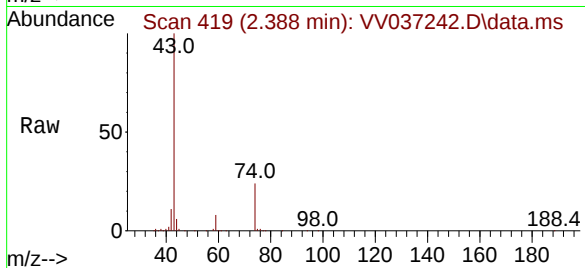
ClientSampleId :

Tgt Ion: 43 Resp: 96733

Ion Ratio Lower Upper

43 100

74 24.5 21.0 31.4



#16

Methylene chloride

Concen: 9.863 ug/L

RT: 2.442 min Scan# 436

Delta R.T. 0.000 min

Lab File: VV037242.D

Acq: 10 Sep 2024 10:19

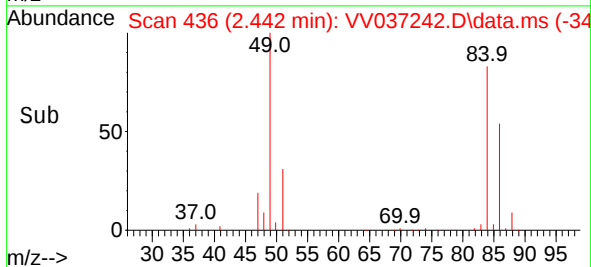
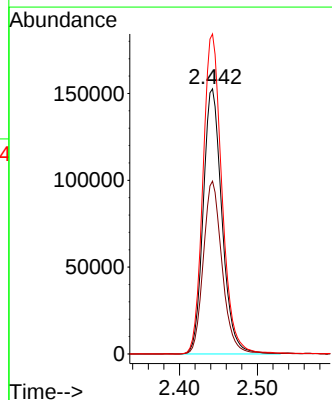
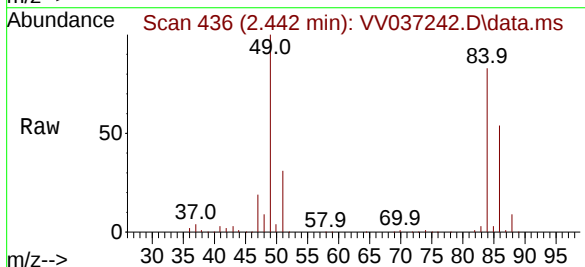
Tgt Ion: 84 Resp: 255846

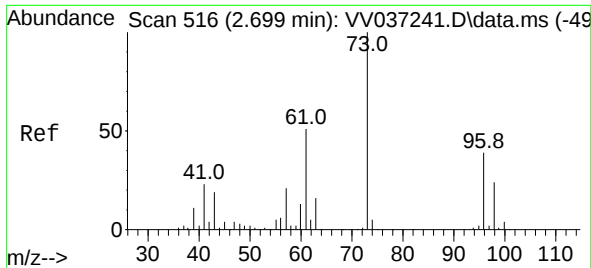
Ion Ratio Lower Upper

84 100

86 65.2 44.0 81.8

49 120.7 83.0 154.1





#17

Methyl tert-butyl Ether

Concen: 10.664 ug/L

RT: 2.700 min Scan# 516

Delta R.T. 0.000 min

Lab File: VV037242.D

Acq: 10 Sep 2024 10:19

Instrument :

MSVOA_V

ClientSampleId :

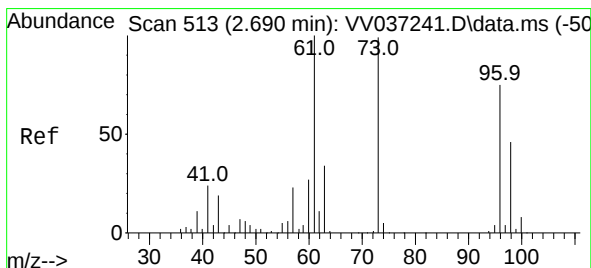
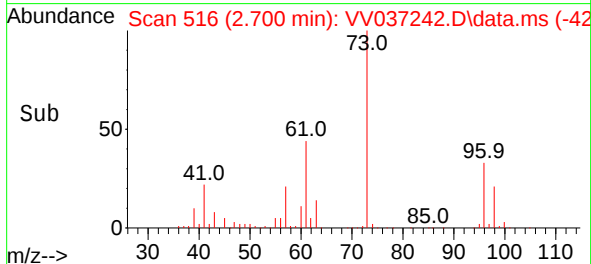
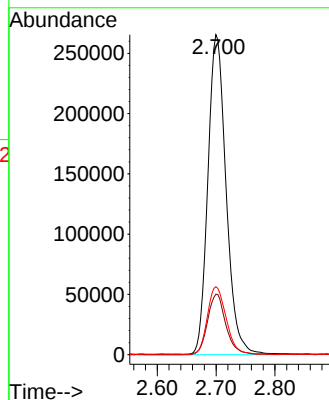
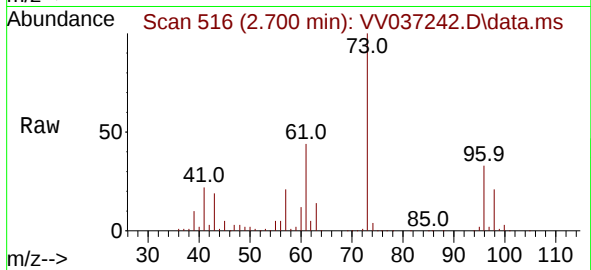
Tgt Ion: 73 Resp: 571980

Ion Ratio Lower Upper

73 100

43 18.5 14.5 21.7

57 22.0 17.7 26.5



#18

trans-1,2-Dichloroethene

Concen: 10.444 ug/L

RT: 2.687 min Scan# 512

Delta R.T. -0.003 min

Lab File: VV037242.D

Acq: 10 Sep 2024 10:19

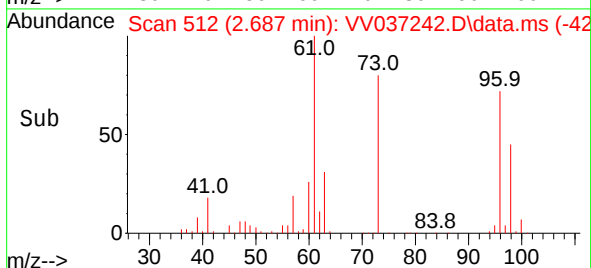
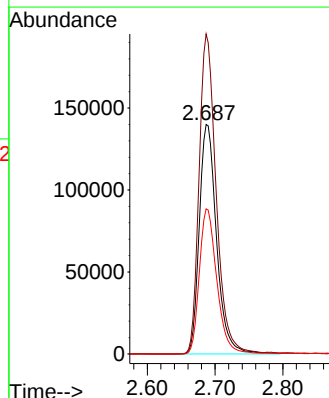
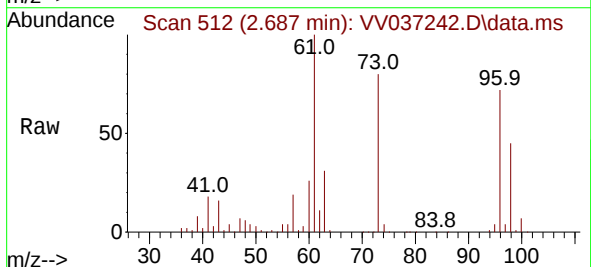
Tgt Ion: 96 Resp: 247927

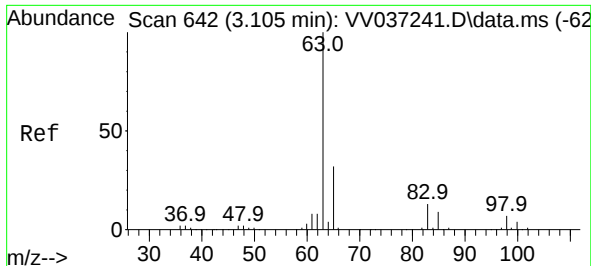
Ion Ratio Lower Upper

96 100

61 139.5 92.8 172.4

98 63.2 43.0 79.8

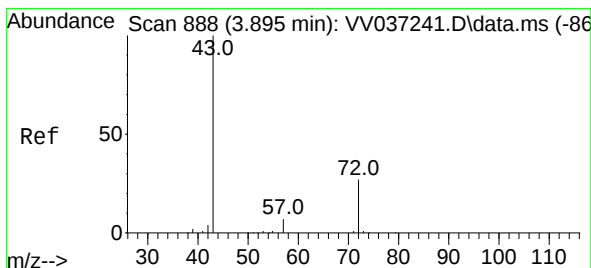
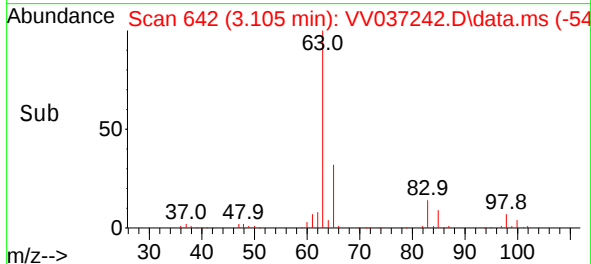
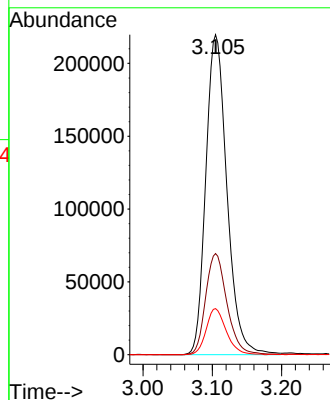
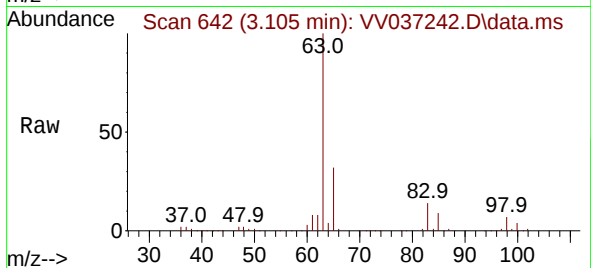




#19
1,1-Dichloroethane
Concen: 10.264 ug/L
RT: 3.105 min Scan# 642
Delta R.T. 0.000 min
Lab File: VV037242.D
Acq: 10 Sep 2024 10:19

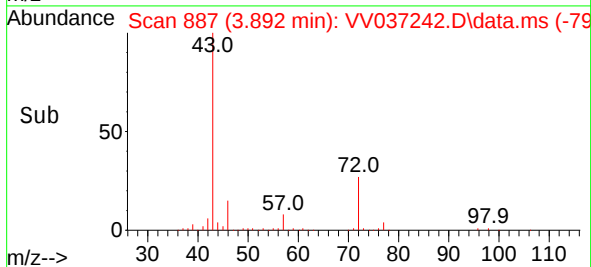
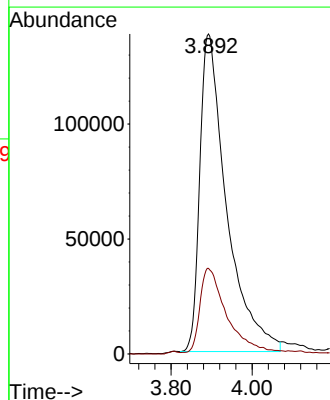
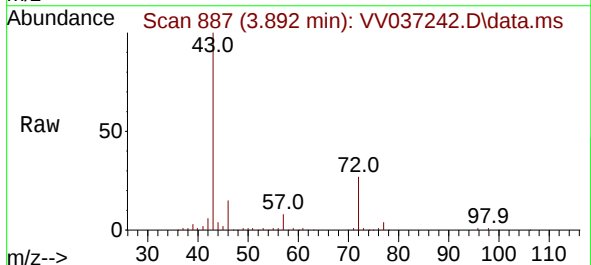
Instrument :
MSVOA_V
ClientSampleId :

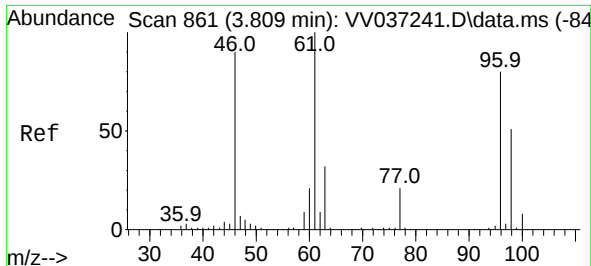
Tgt Ion: 63 Resp: 465278
Ion Ratio Lower Upper
63 100
65 31.6 22.5 41.7
83 14.4 8.9 16.5



#21
2-Butanone
Concen: 114.506 ug/L
RT: 3.892 min Scan# 887
Delta R.T. -0.003 min
Lab File: VV037242.D
Acq: 10 Sep 2024 10:19

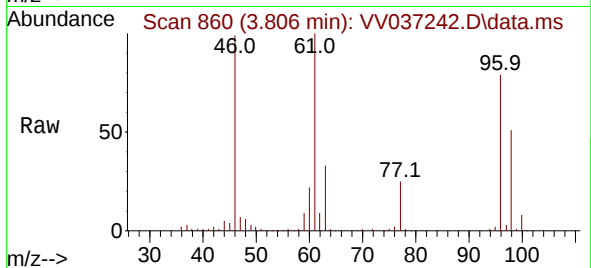
Tgt Ion: 43 Resp: 634882
Ion Ratio Lower Upper
43 100
72 26.7 12.2 36.6





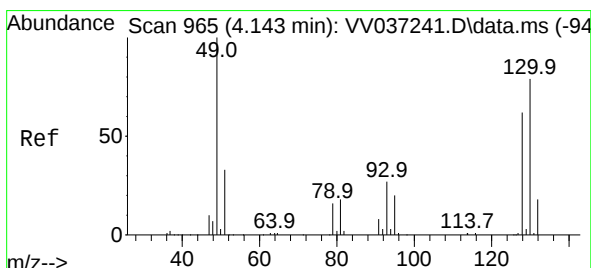
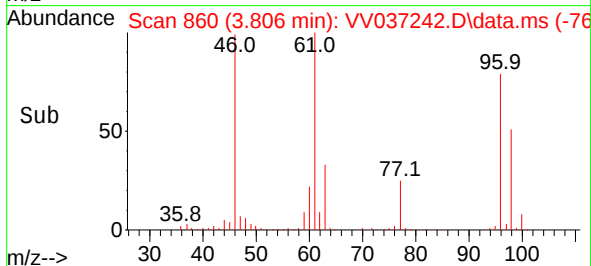
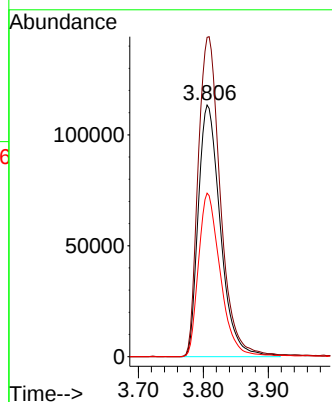
#22
 cis-1,2-Dichloroethene
 Concen: 10.495 ug/L
 RT: 3.806 min Scan# 860
 Delta R.T. -0.003 min
 Lab File: VV037242.D
 Acq: 10 Sep 2024 10:19

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 96 Resp: 269341

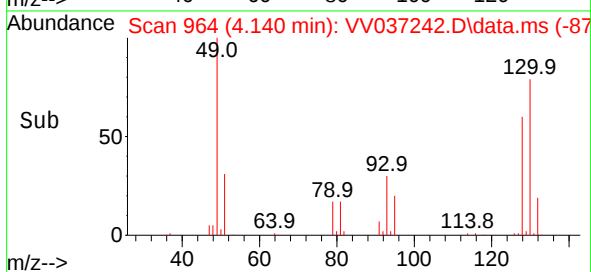
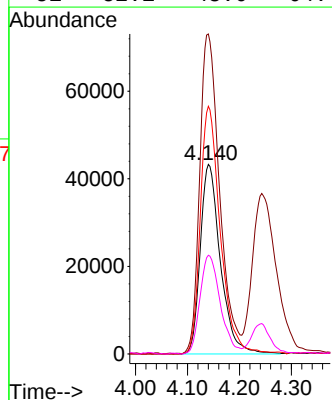
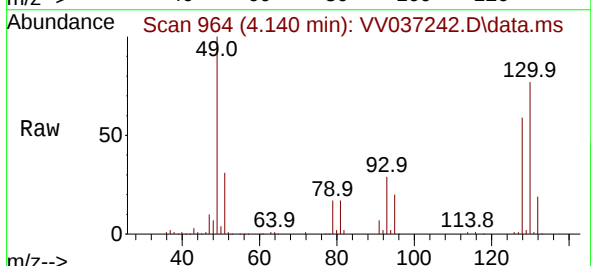
Ion	Ratio	Lower	Upper
96	100		
61	126.9	87.6	162.6
98	65.0	44.9	83.5

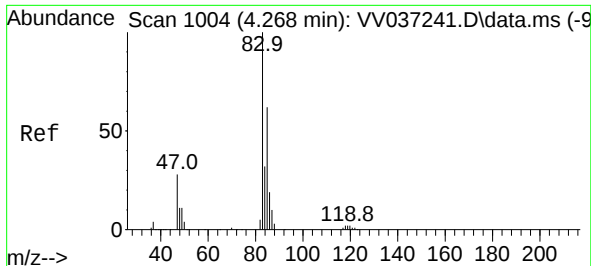


#23
 Bromochloromethane
 Concen: 10.486 ug/L
 RT: 4.140 min Scan# 964
 Delta R.T. -0.003 min
 Lab File: VV037242.D
 Acq: 10 Sep 2024 10:19

Tgt Ion:128 Resp: 116544

Ion	Ratio	Lower	Upper
128	100		
49	168.8	114.0	211.8
130	130.7	89.3	165.9
51	52.1	43.0	64.4





#25

Chloroform

Concen: 10.286 ug/L

RT: 4.269 min Scan# 1004

Delta R.T. 0.000 min

Lab File: VV037242.D

Acq: 10 Sep 2024 10:19

Instrument :

MSVOA_V

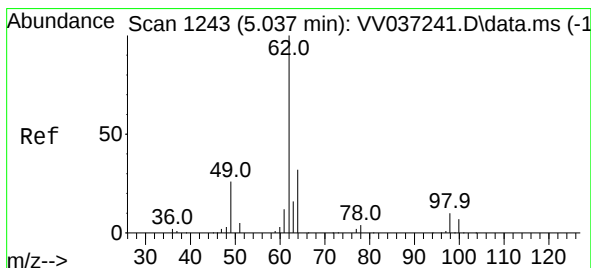
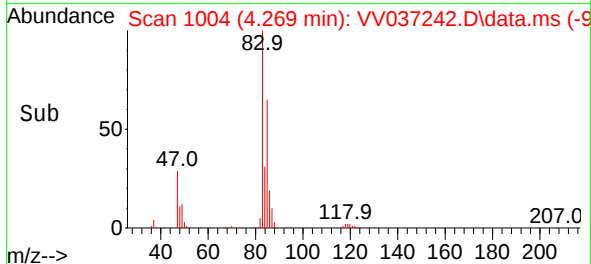
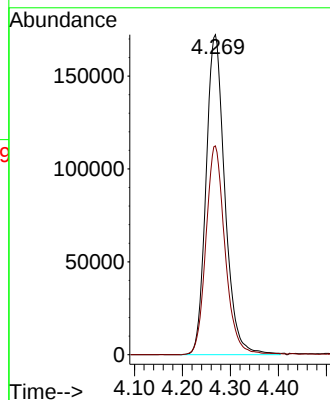
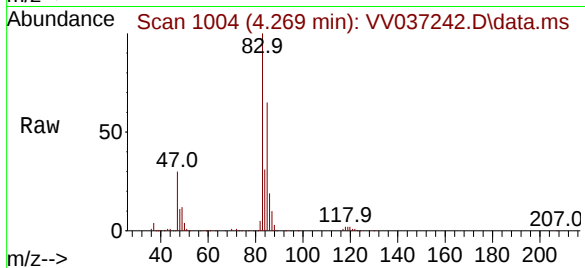
ClientSampleId :

Tgt Ion: 83 Resp: 469733

Ion Ratio Lower Upper

83 100

85 65.3 43.8 81.4



#27

1,2-Dichloroethane

Concen: 10.867 ug/L

RT: 5.034 min Scan# 1242

Delta R.T. -0.003 min

Lab File: VV037242.D

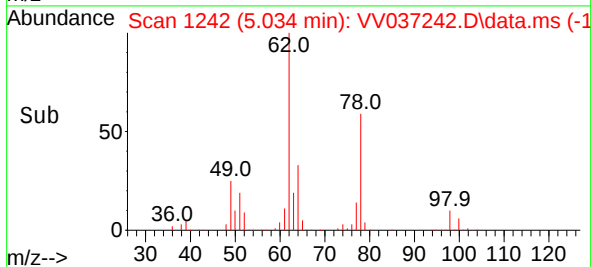
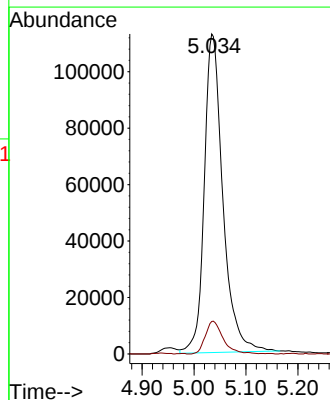
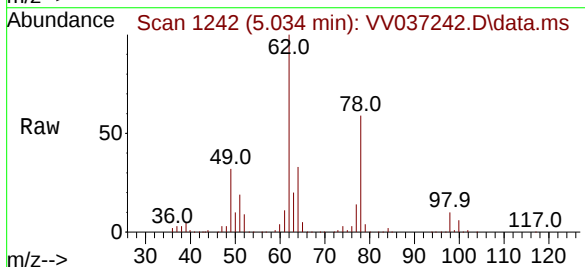
Acq: 10 Sep 2024 10:19

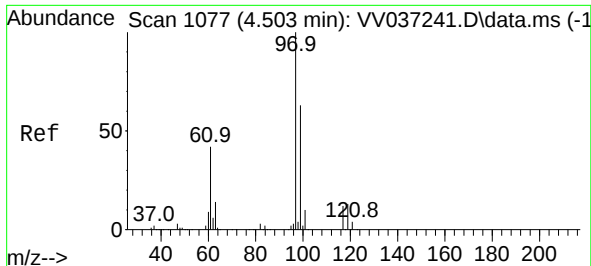
Tgt Ion: 62 Resp: 280802

Ion Ratio Lower Upper

62 100

98 10.2 8.2 12.4





#29

1,1,1-Trichloroethane

Concen: 10.231 ug/L

RT: 4.503 min Scan# 1077

Delta R.T. 0.000 min

Lab File: VV037242.D

Acq: 10 Sep 2024 10:19

Instrument :

MSVOA_V

ClientSampleId :

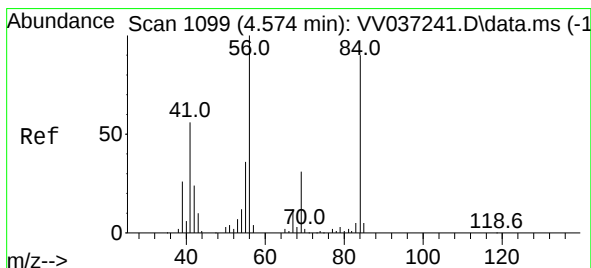
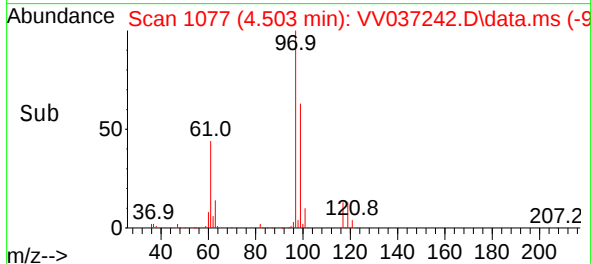
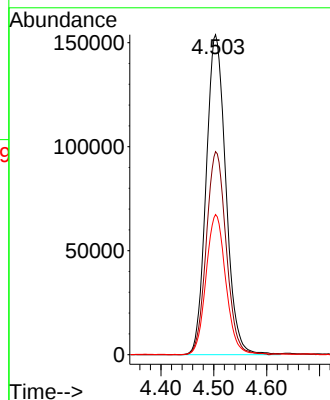
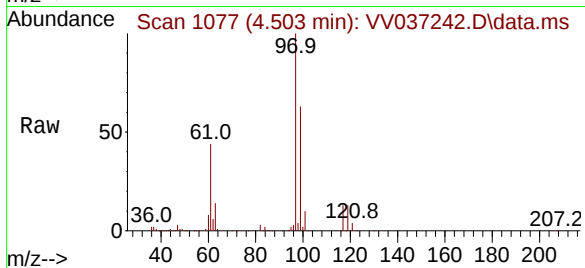
Tgt Ion: 97 Resp: 398159

Ion Ratio Lower Upper

97 100

99 64.1 50.0 75.0

61 44.2 34.3 51.5



#30

Cyclohexane

Concen: 10.239 ug/L

RT: 4.574 min Scan# 1099

Delta R.T. 0.000 min

Lab File: VV037242.D

Acq: 10 Sep 2024 10:19

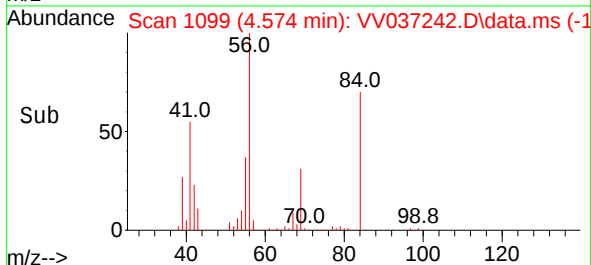
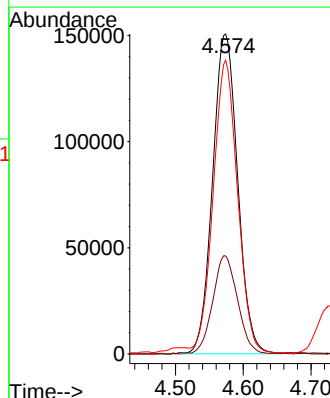
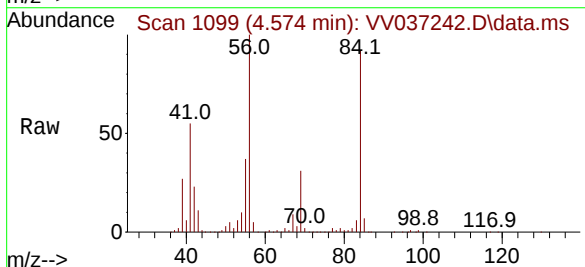
Tgt Ion: 56 Resp: 386588

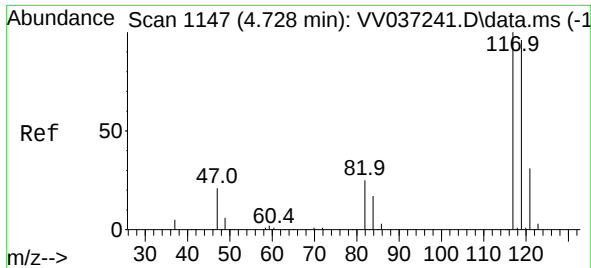
Ion Ratio Lower Upper

56 100

69 30.5 24.1 36.1

84 89.1 73.1 109.7

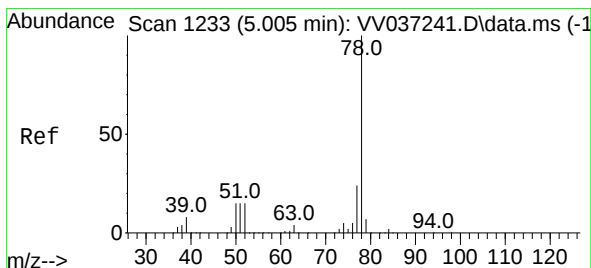
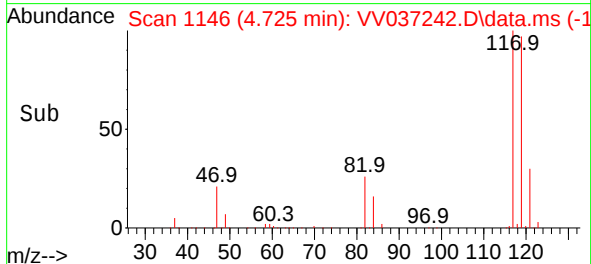
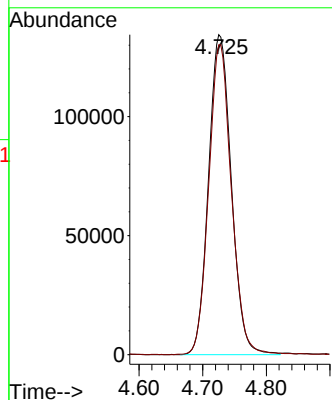
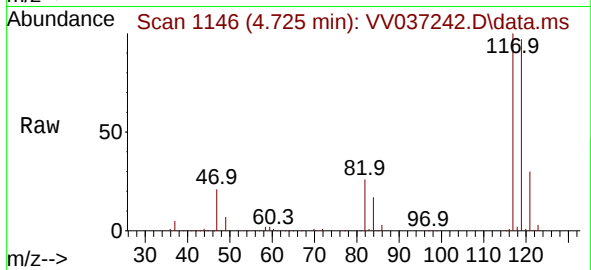




#31
Carbon tetrachloride
Concen: 10.095 ug/L
RT: 4.725 min Scan# 1147
Delta R.T. -0.003 min
Lab File: VV037242.D
Acq: 10 Sep 2024 10:19

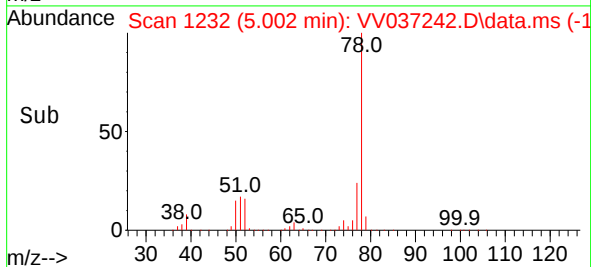
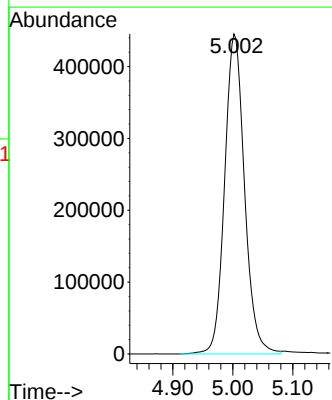
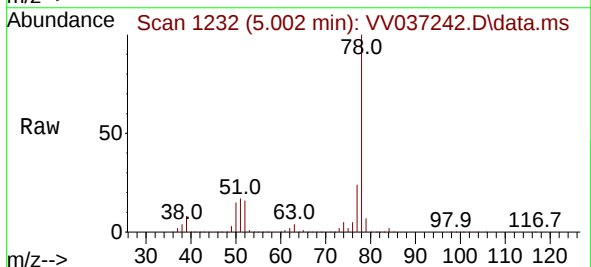
Instrument :
MSVOA_V
ClientSampleId :

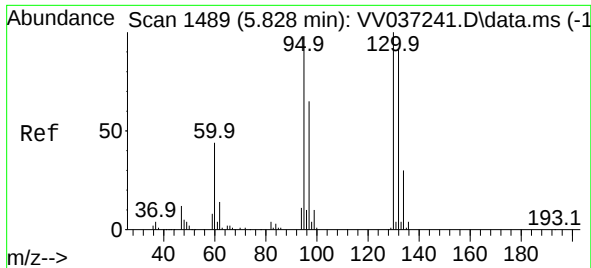
Tgt Ion:117 Resp: 334391
Ion Ratio Lower Upper
117 100
119 96.7 76.2 114.4



#33
Benzene
Concen: 10.351 ug/L
RT: 5.002 min Scan# 1232
Delta R.T. -0.003 min
Lab File: VV037242.D
Acq: 10 Sep 2024 10:19

Tgt Ion: 78 Resp: 1023660





#34

Trichloroethene

Concen: 10.185 ug/L

RT: 5.825 min Scan# 1489

Delta R.T. -0.003 min

Lab File: VV037242.D

Acq: 10 Sep 2024 10:19

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 271411

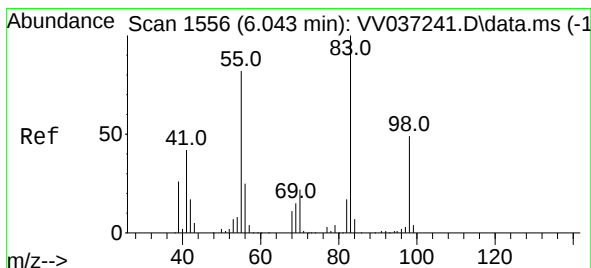
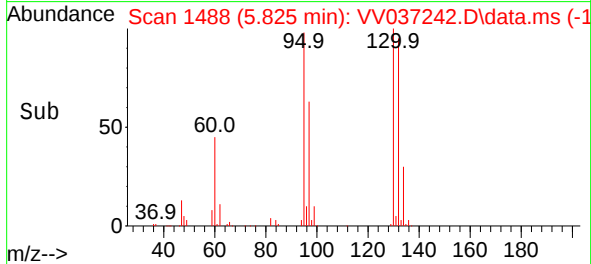
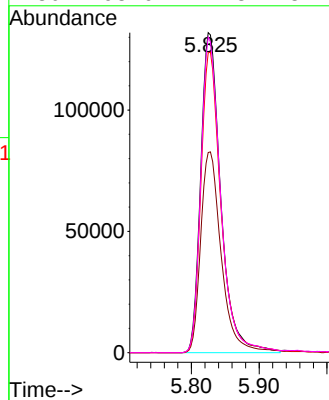
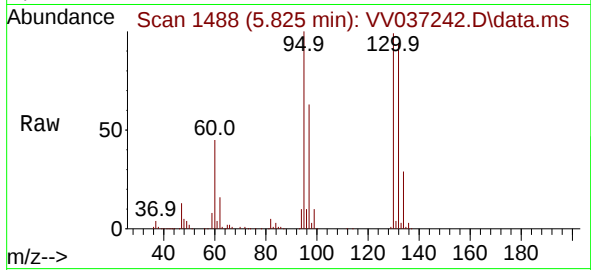
Ion Ratio Lower Upper

95 100

97 62.5 46.5 86.5

132 93.7 65.5 121.7

130 98.6 71.3 132.3



#35

Methylcyclohexane

Concen: 10.055 ug/L

RT: 6.043 min Scan# 1556

Delta R.T. 0.000 min

Lab File: VV037242.D

Acq: 10 Sep 2024 10:19

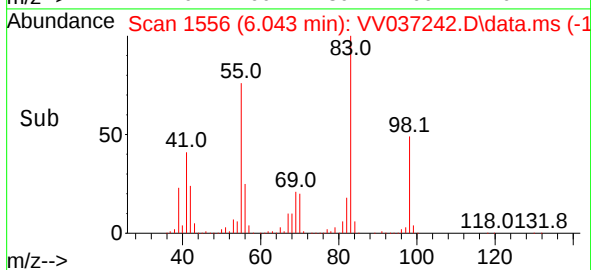
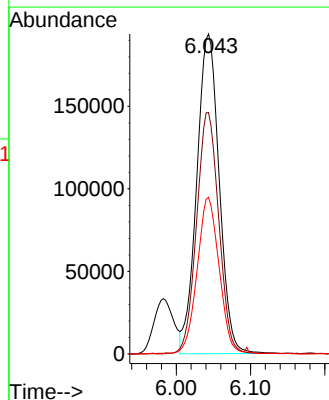
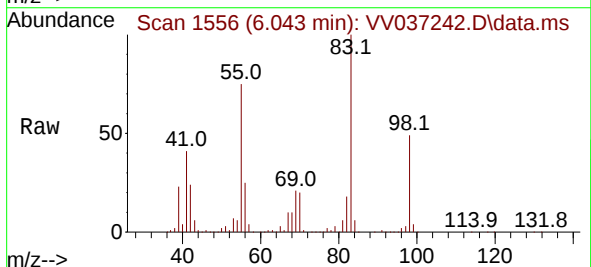
Tgt Ion: 83 Resp: 407332

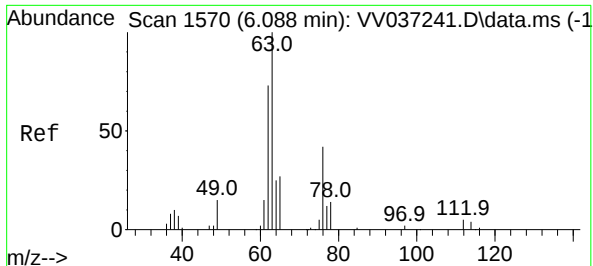
Ion Ratio Lower Upper

83 100

55 74.2 60.3 90.5

98 47.9 38.2 57.4





#37

1,2-Dichloropropane

Concen: 10.833 ug/L

RT: 6.085 min Scan# 1569

Delta R.T. -0.003 min

Lab File: VV037242.D

Acq: 10 Sep 2024 10:19

Instrument :

MSVOA_V

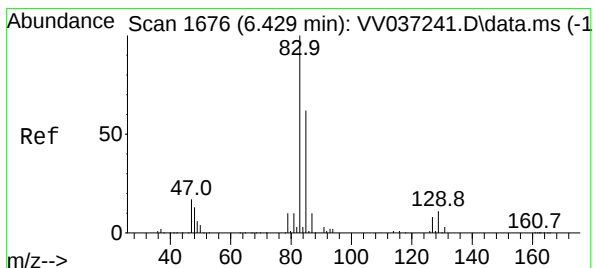
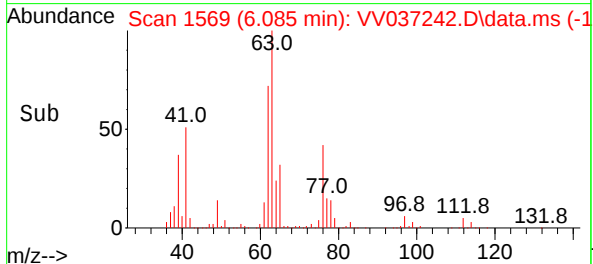
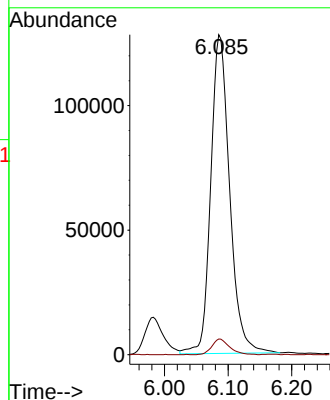
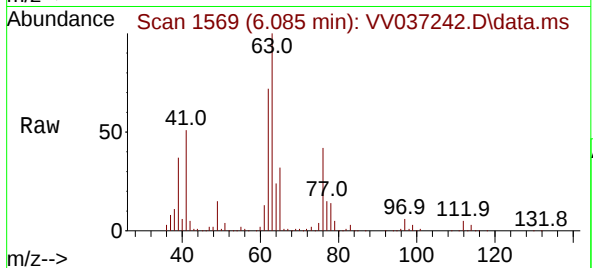
ClientSampleId :

Tgt Ion: 63 Resp: 263901

Ion Ratio Lower Upper

63 100

112 4.6 3.7 5.5



#38

Bromodichloromethane

Concen: 10.307 ug/L

RT: 6.426 min Scan# 1675

Delta R.T. -0.003 min

Lab File: VV037242.D

Acq: 10 Sep 2024 10:19

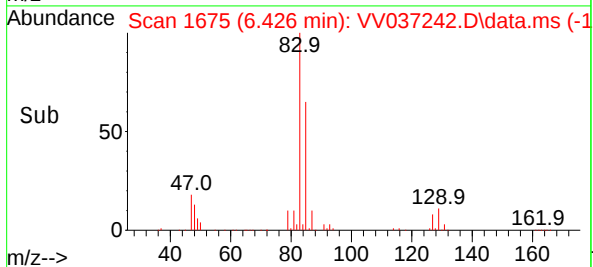
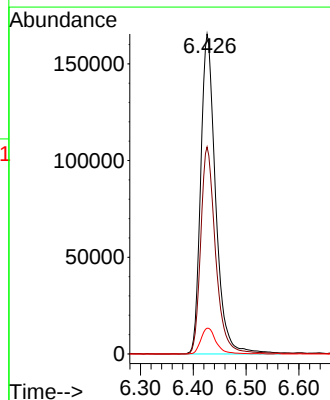
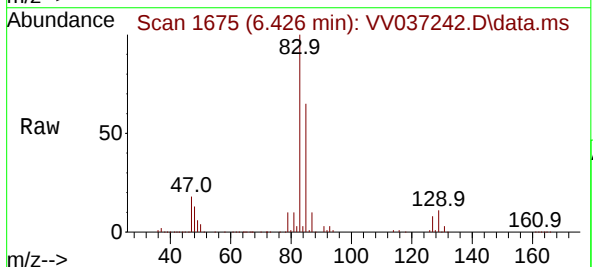
Tgt Ion: 83 Resp: 324670

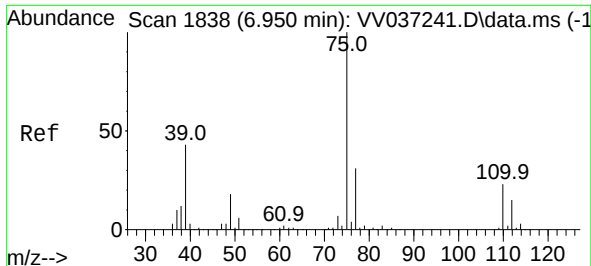
Ion Ratio Lower Upper

83 100

85 64.7 43.7 81.1

127 8.1 6.7 10.1

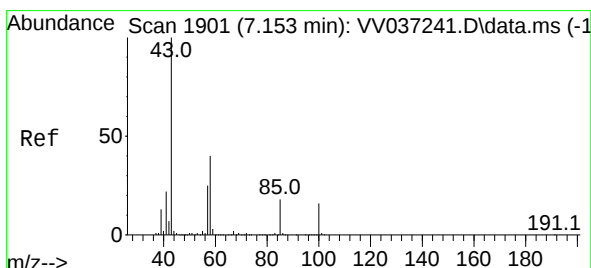
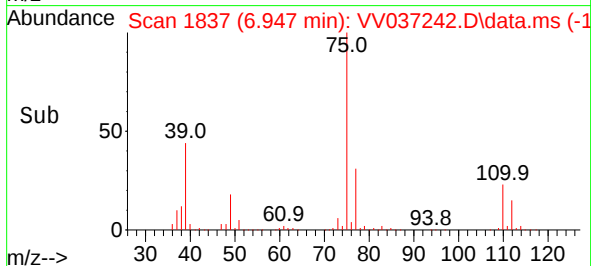
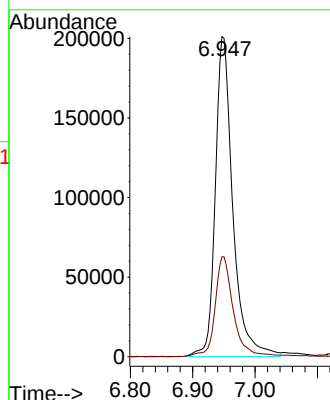
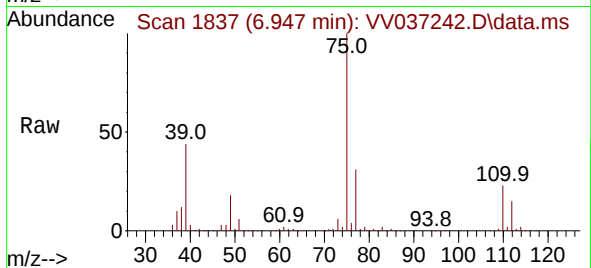




#39
cis-1,3-Dichloropropene
Concen: 10.980 ug/L
RT: 6.947 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV037242.D
Acq: 10 Sep 2024 10:19

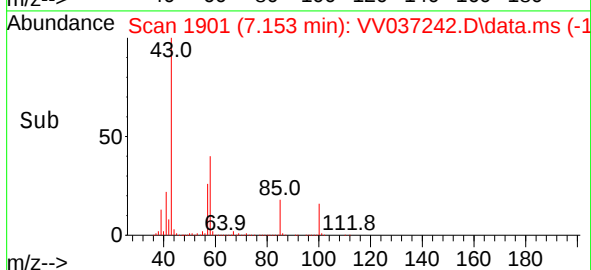
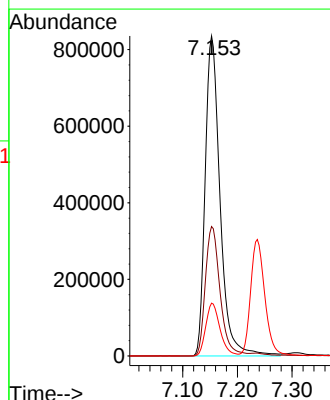
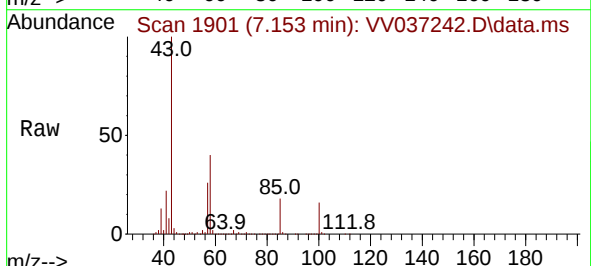
Instrument :
MSVOA_V
ClientSampleId :

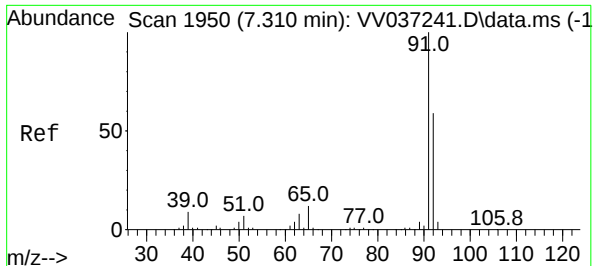
Tgt Ion: 75 Resp: 391198
Ion Ratio Lower Upper
75 100
77 31.2 22.2 41.2



#40
4-Methyl-2-pentanone
Concen: 110.334 ug/L
RT: 7.153 min Scan# 1901
Delta R.T. 0.000 min
Lab File: VV037242.D
Acq: 10 Sep 2024 10:19

Tgt Ion: 43 Resp: 1577031
Ion Ratio Lower Upper
43 100
58 40.1 31.7 47.5
100 15.8 12.6 19.0





#42

Toluene

Concen: 10.558 ug/L

RT: 7.307 min Scan# 1949

Delta R.T. -0.003 min

Lab File: VV037242.D

Acq: 10 Sep 2024 10:19

Instrument :

MSVOA_V

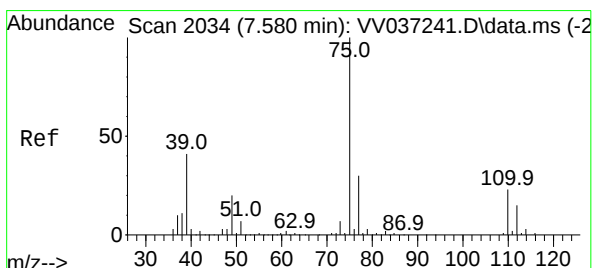
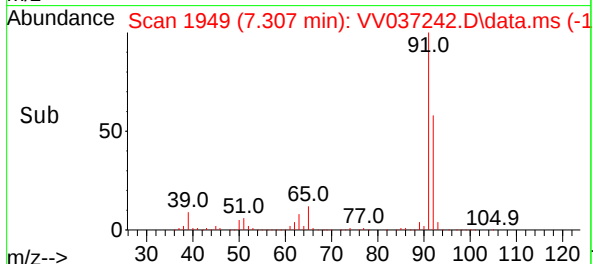
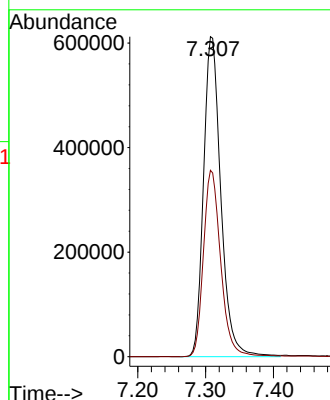
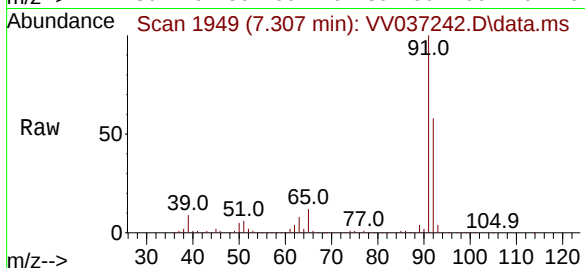
ClientSampleId :

Tgt Ion: 91 Resp: 1086097

Ion Ratio Lower Upper

91 100

92 58.3 41.4 77.0



#44

trans-1,3-Dichloropropene

Concen: 11.101 ug/L

RT: 7.577 min Scan# 2033

Delta R.T. -0.003 min

Lab File: VV037242.D

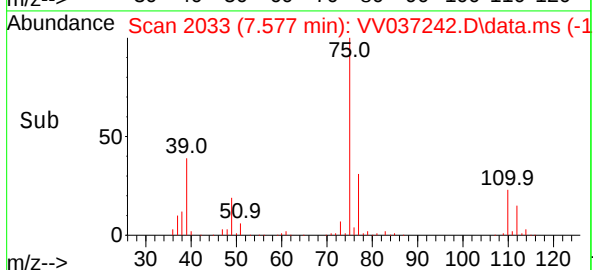
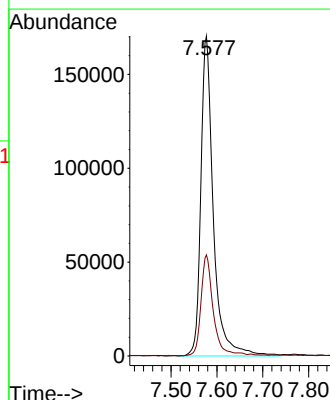
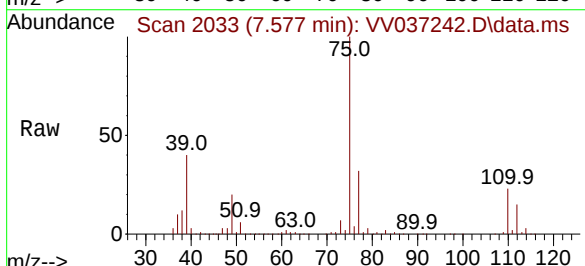
Acq: 10 Sep 2024 10:19

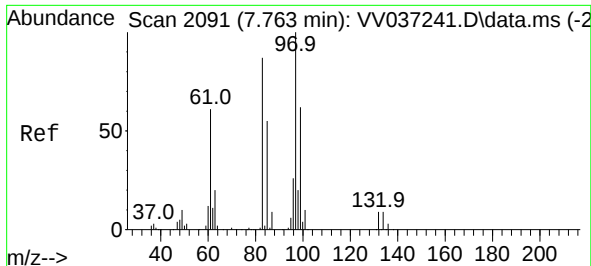
Tgt Ion: 75 Resp: 322152

Ion Ratio Lower Upper

75 100

77 31.6 20.9 38.9

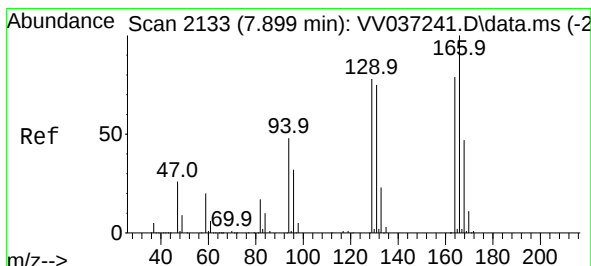
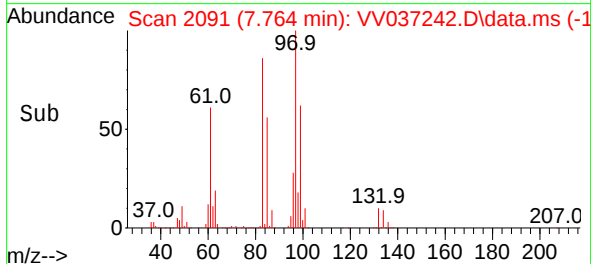
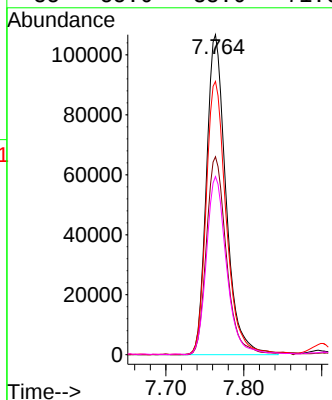
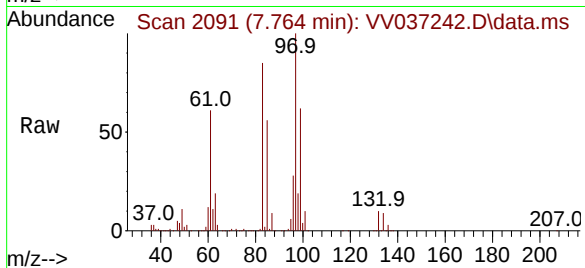




#45
1,1,2-Trichloroethane
Concen: 10.335 ug/L
RT: 7.764 min Scan# 2091
Delta R.T. 0.000 min
Lab File: VV037242.D
Acq: 10 Sep 2024 10:19

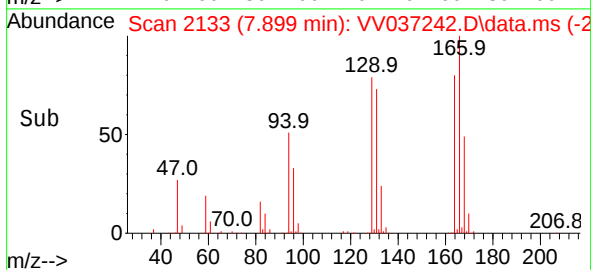
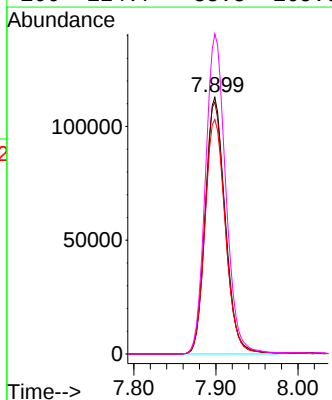
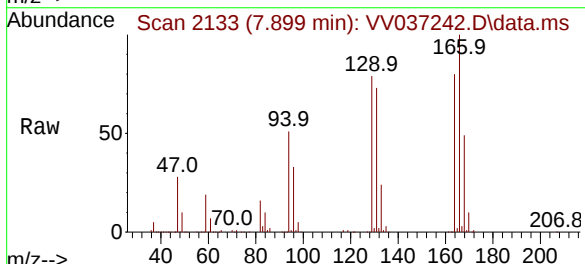
Instrument :
MSVOA_V
ClientSampleId :

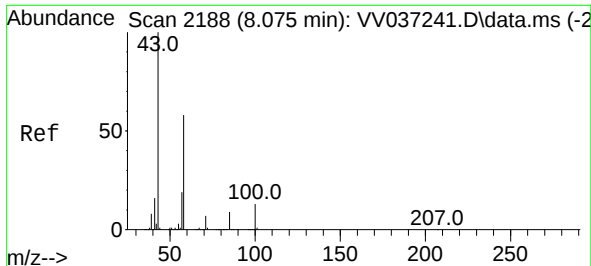
Tgt Ion:	97	Resp:	186124
Ion	Ratio	Lower	Upper
97	100		
99	61.8	43.1	80.1
83	85.4	61.0	113.4
85	55.6	38.6	71.6



#47
Tetrachloroethene
Concen: 9.948 ug/L
RT: 7.899 min Scan# 2133
Delta R.T. 0.000 min
Lab File: VV037242.D
Acq: 10 Sep 2024 10:19

Tgt Ion:	164	Resp:	189748
Ion	Ratio	Lower	Upper
164	100		
129	98.1	69.2	128.4
131	91.3	66.6	123.8
166	124.7	88.8	165.0





#48

2-Hexanone

Concen: 115.765 ug/L

RT: 8.072 min Scan# 2188

Delta R.T. -0.003 min

Lab File: VV037242.D

Acq: 10 Sep 2024 10:19

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 43 Resp: 1139933

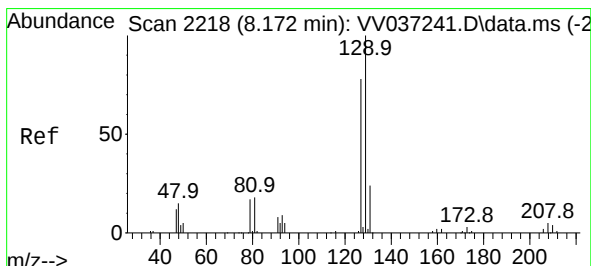
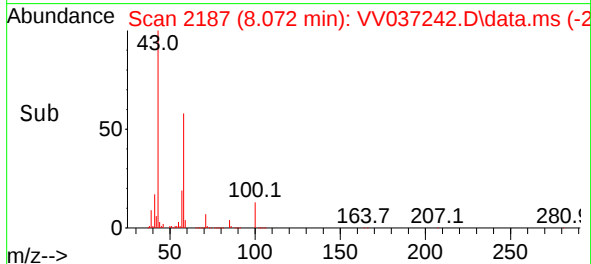
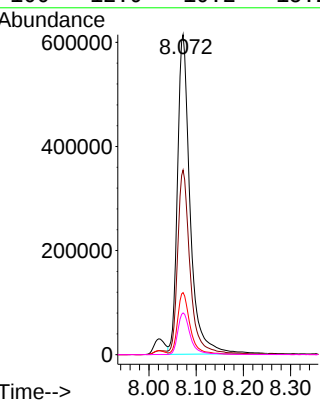
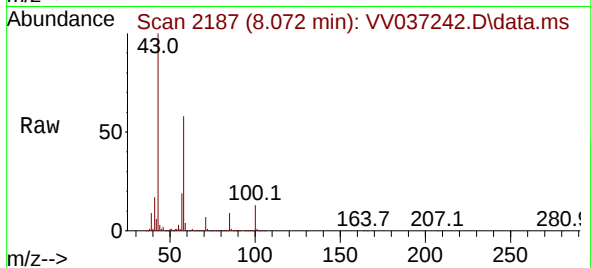
Ion Ratio Lower Upper

43 100

58 57.0 45.5 68.3

57 19.1 15.3 22.9

100 12.9 10.2 15.2



#49

Dibromochloromethane

Concen: 10.635 ug/L

RT: 8.169 min Scan# 2217

Delta R.T. -0.003 min

Lab File: VV037242.D

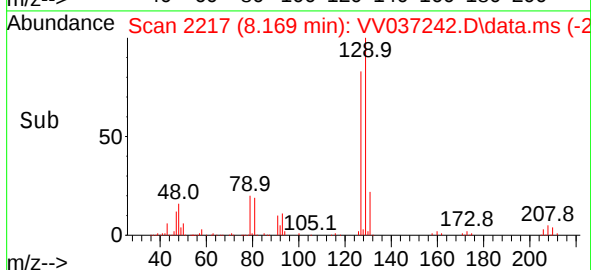
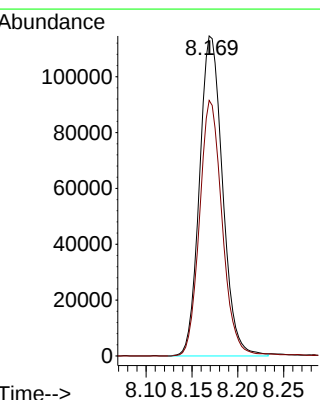
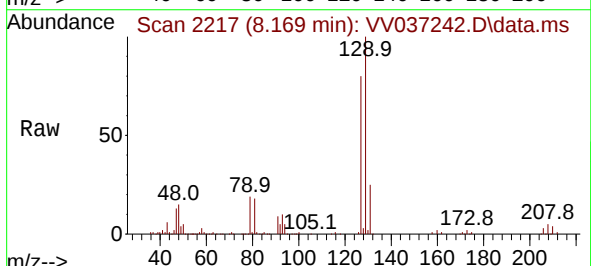
Acq: 10 Sep 2024 10:19

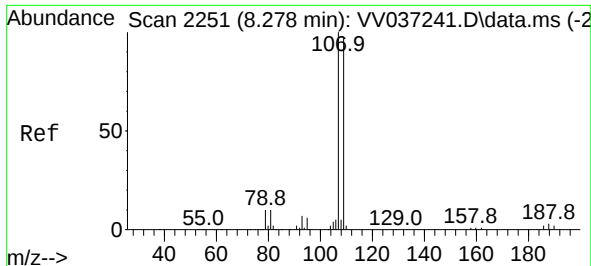
Tgt Ion: 129 Resp: 200642

Ion Ratio Lower Upper

129 100

127 79.8 54.5 101.1

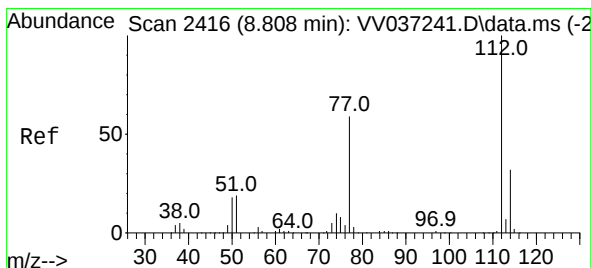
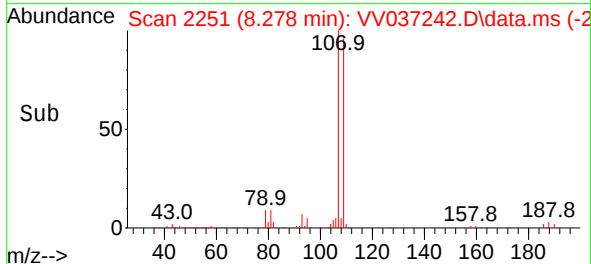
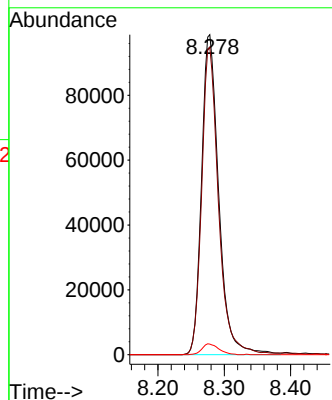
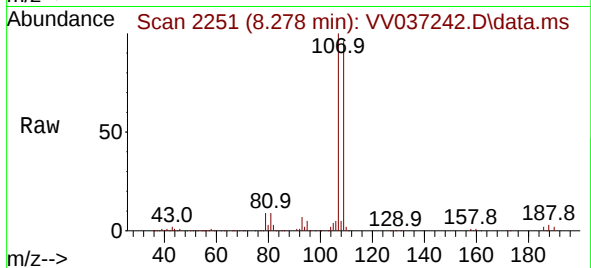




#50
1,2-Dibromoethane
Concen: 10.453 ug/L
RT: 8.278 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV037242.D
Acq: 10 Sep 2024 10:19

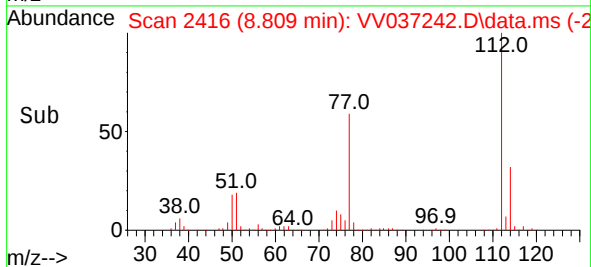
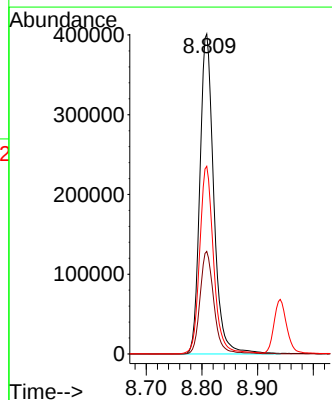
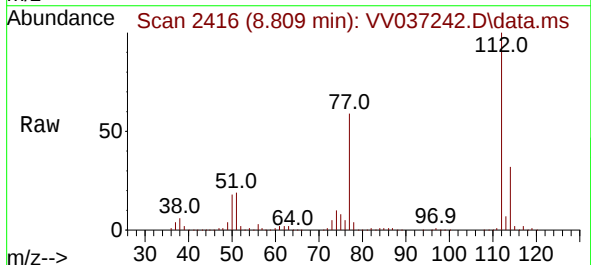
Instrument :
MSVOA_V
ClientSampleId :

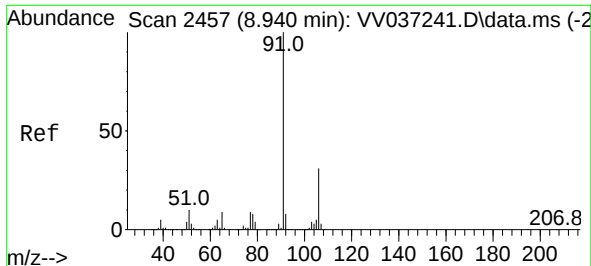
Tgt Ion:107 Resp: 177850
Ion Ratio Lower Upper
107 100
109 96.1 68.1 126.5
188 3.3 2.7 4.1



#51
Chlorobenzene
Concen: 10.177 ug/L
RT: 8.809 min Scan# 2416
Delta R.T. 0.000 min
Lab File: VV037242.D
Acq: 10 Sep 2024 10:19

Tgt Ion:112 Resp: 697129
Ion Ratio Lower Upper
112 100
114 32.0 22.6 42.0
77 58.7 47.0 70.6

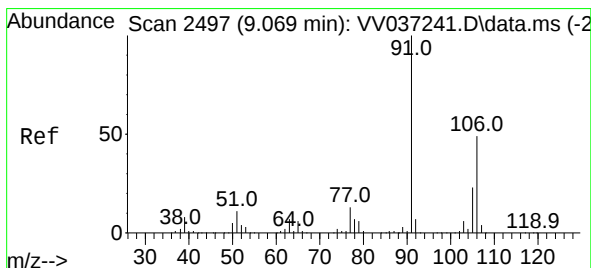
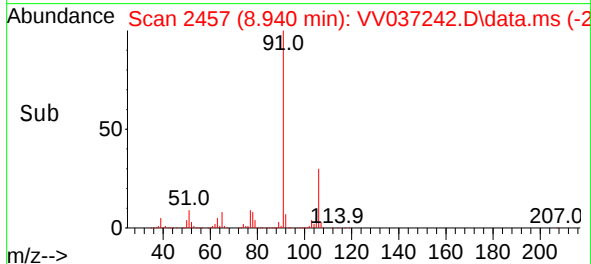
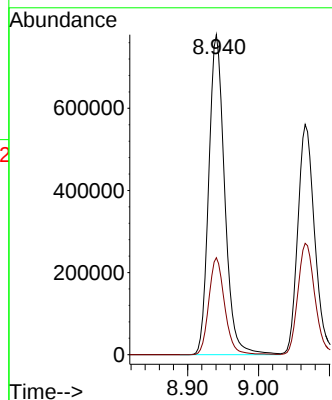
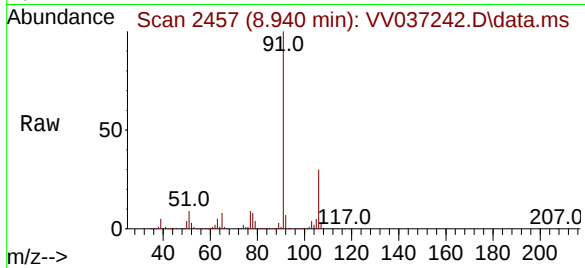




#52
Ethylbenzene
Concen: 10.572 ug/L
RT: 8.940 min Scan# 2457
Delta R.T. 0.000 min
Lab File: VV037242.D
Acq: 10 Sep 2024 10:19

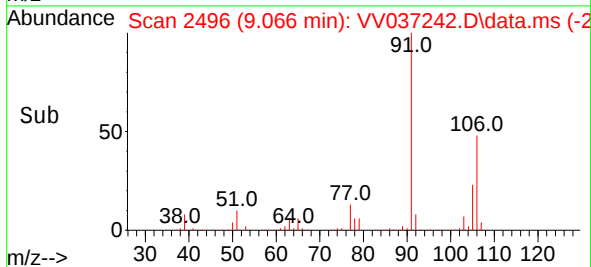
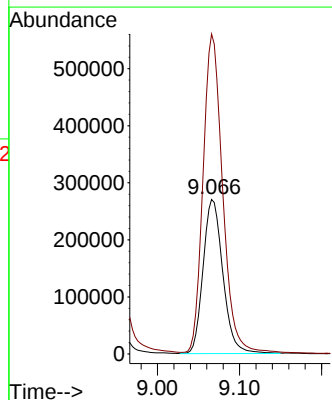
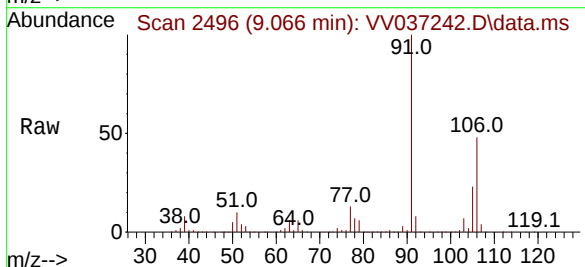
Instrument :
MSVOA_V
ClientSampleId :

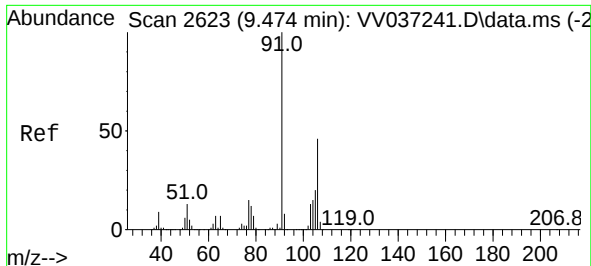
Tgt Ion: 91 Resp: 1213811
Ion Ratio Lower Upper
91 100
106 30.3 21.7 40.3



#53
m,p-Xylene
Concen: 10.727 ug/L
RT: 9.066 min Scan# 2496
Delta R.T. -0.003 min
Lab File: VV037242.D
Acq: 10 Sep 2024 10:19

Tgt Ion:106 Resp: 453110
Ion Ratio Lower Upper
106 100
91 206.9 143.3 266.1

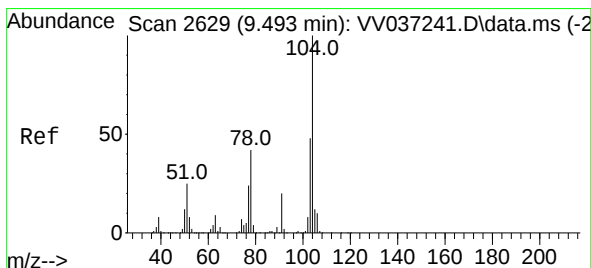
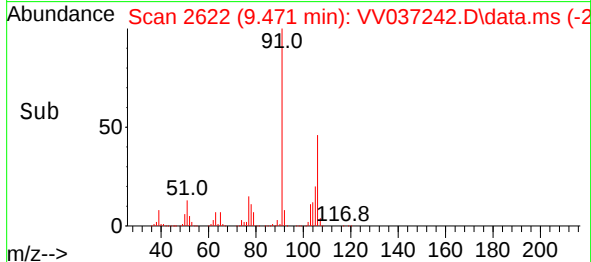
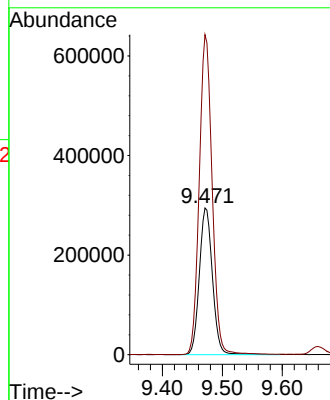
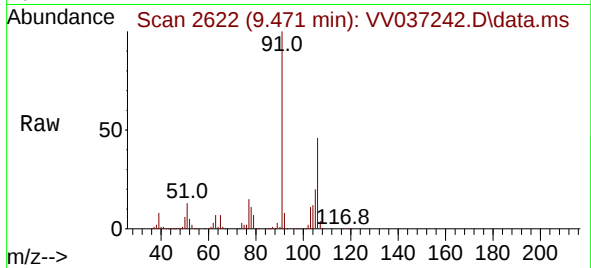




#54
o-Xylene
Concen: 10.710 ug/L
RT: 9.471 min Scan# 2622
Delta R.T. -0.003 min
Lab File: VV037242.D
Acq: 10 Sep 2024 10:19

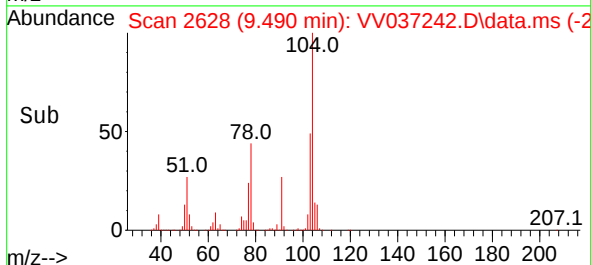
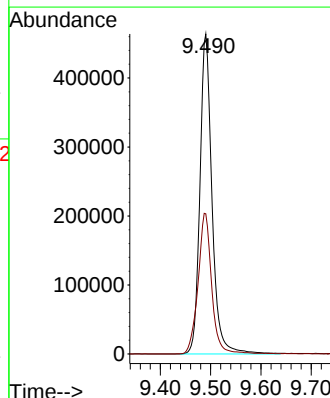
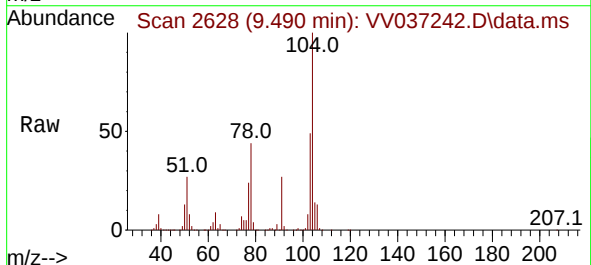
Instrument :
MSVOA_V
ClientSampleId :

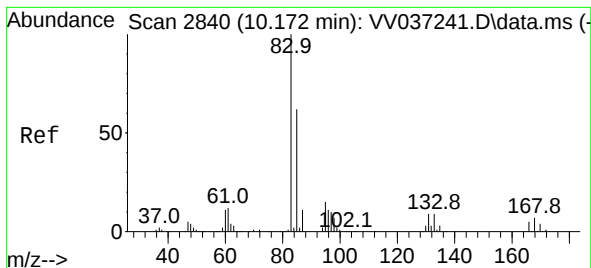
Tgt Ion:106 Resp: 447899
Ion Ratio Lower Upper
106 100
91 218.2 151.8 282.0



#55
Styrene
Concen: 10.963 ug/L
RT: 9.490 min Scan# 2628
Delta R.T. -0.003 min
Lab File: VV037242.D
Acq: 10 Sep 2024 10:19

Tgt Ion:104 Resp: 777312
Ion Ratio Lower Upper
104 100
78 43.8 29.2 54.2





#57

1,1,2,2-Tetrachloroethane

Concen: 10.336 ug/L

RT: 10.172 min Scan# 2840

Delta R.T. 0.000 min

Lab File: VV037242.D

Acq: 10 Sep 2024 10:19

Instrument :

MSVOA_V

ClientSampleId :

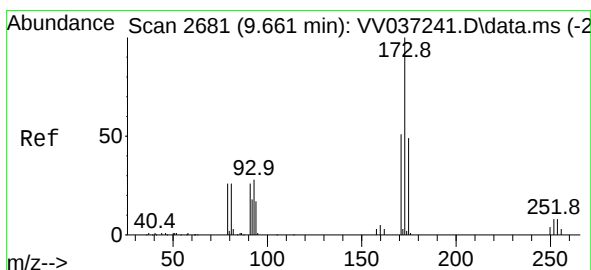
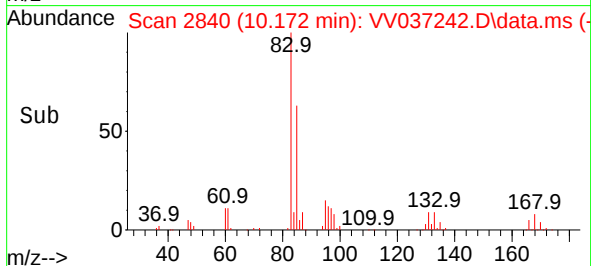
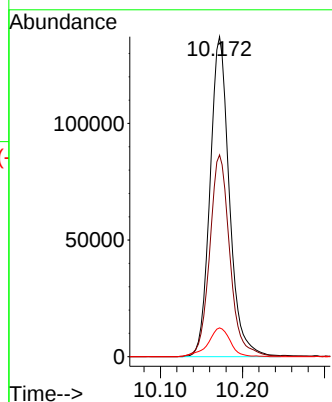
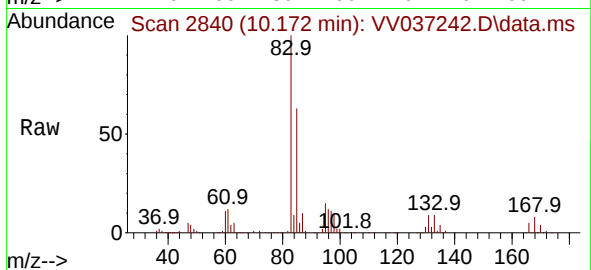
Tgt Ion: 83 Resp: 224862

Ion Ratio Lower Upper

83 100

85 63.1 43.2 80.2

131 9.0 6.9 10.3



#59

Bromoform

Concen: 10.499 ug/L

RT: 9.661 min Scan# 2681

Delta R.T. 0.000 min

Lab File: VV037242.D

Acq: 10 Sep 2024 10:19

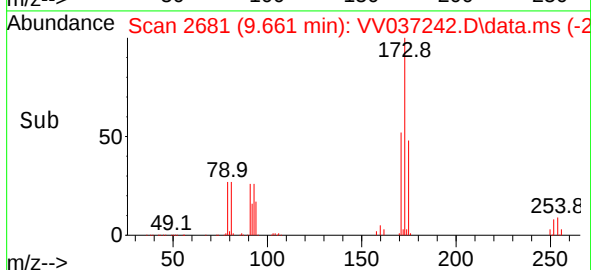
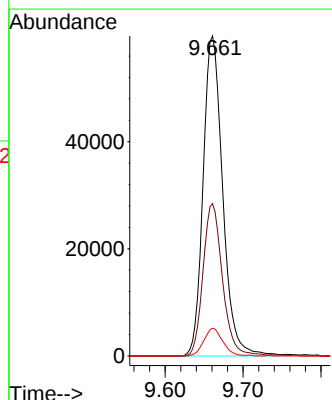
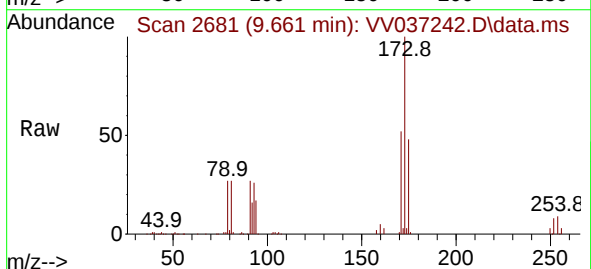
Tgt Ion:173 Resp: 104611

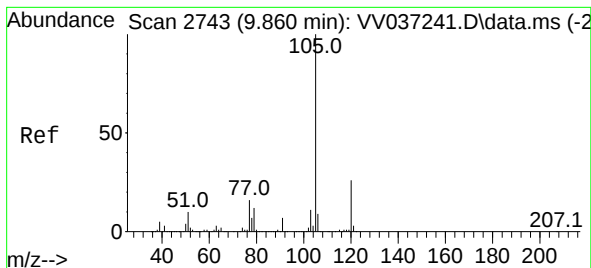
Ion Ratio Lower Upper

173 100

175 47.1 38.7 58.1

254 8.3 6.8 10.2





#60

Isopropylbenzene

Concen: 10.559 ug/L

RT: 9.860 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV037242.D

Acq: 10 Sep 2024 10:19

Instrument :

MSVOA_V

ClientSampleId :

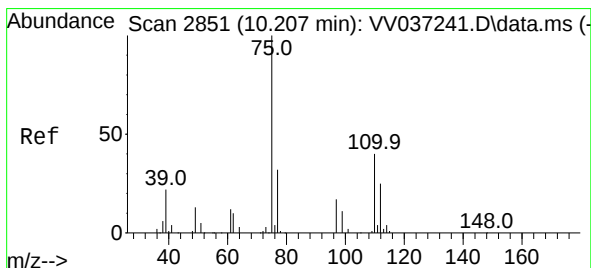
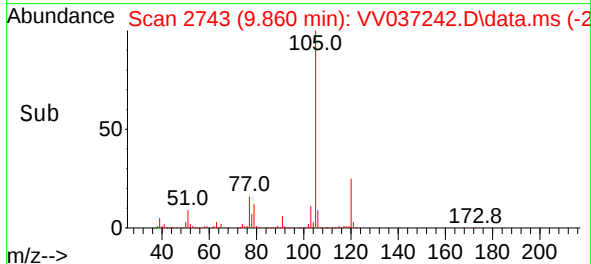
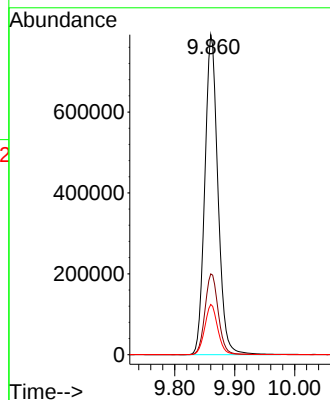
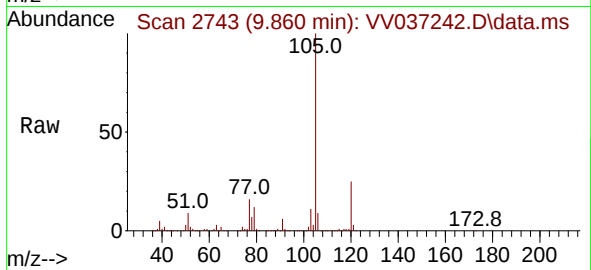
Tgt Ion:105 Resp: 1203710

Ion Ratio Lower Upper

105 100

120 25.8 20.2 30.4

77 15.6 12.7 19.1



#61

1,2,3-Trichloropropane

Concen: 10.362 ug/L

RT: 10.204 min Scan# 2850

Delta R.T. -0.003 min

Lab File: VV037242.D

Acq: 10 Sep 2024 10:19

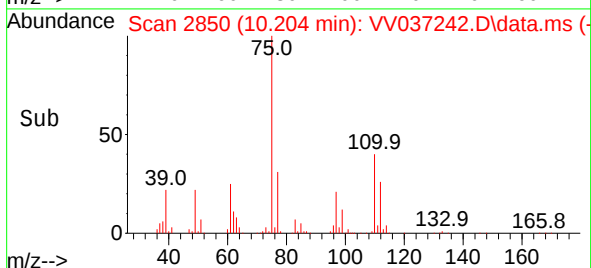
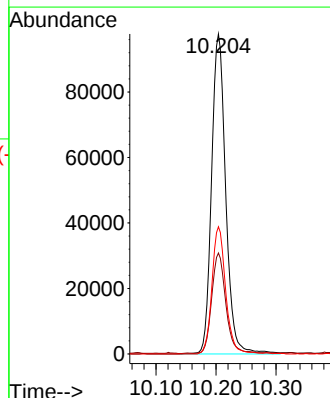
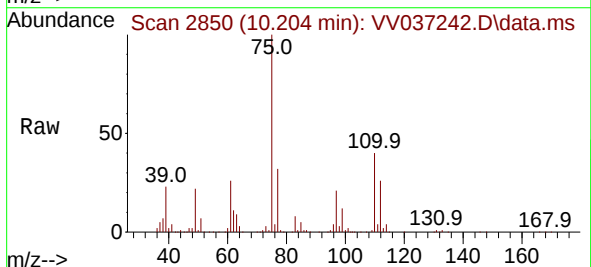
Tgt Ion: 75 Resp: 160591

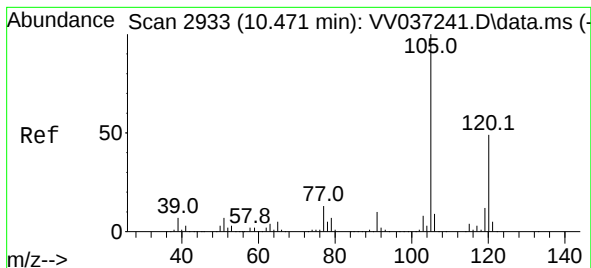
Ion Ratio Lower Upper

75 100

77 31.3 25.6 38.4

110 38.5 31.0 46.4





#62

1,3,5-Trimethylbenzene

Concen: 10.649 ug/L

RT: 10.471 min Scan# 2933

Delta R.T. 0.000 min

Lab File: VV037242.D

Acq: 10 Sep 2024 10:19

Instrument :

MSVOA_V

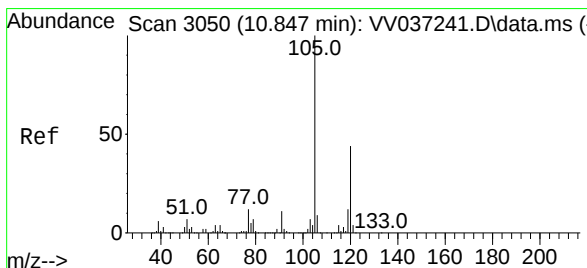
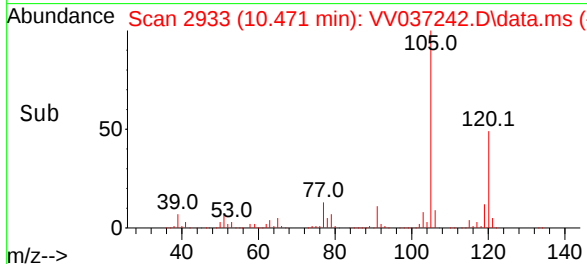
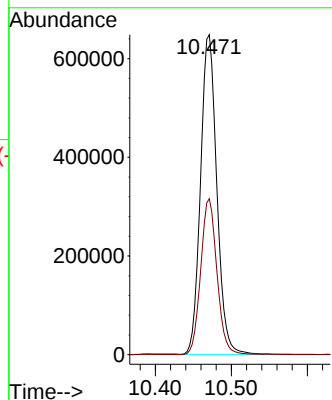
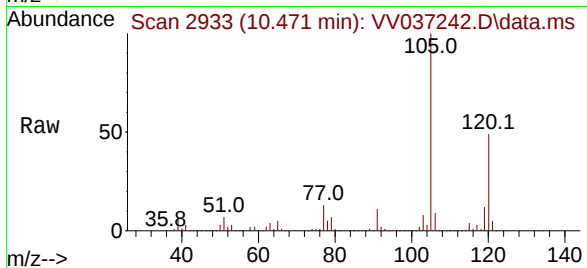
ClientSampleId :

Tgt Ion:105 Resp: 962618

Ion Ratio Lower Upper

105 100

120 48.6 38.6 57.8



#63

1,2,4-Trimethylbenzene

Concen: 10.774 ug/L

RT: 10.844 min Scan# 3049

Delta R.T. -0.003 min

Lab File: VV037242.D

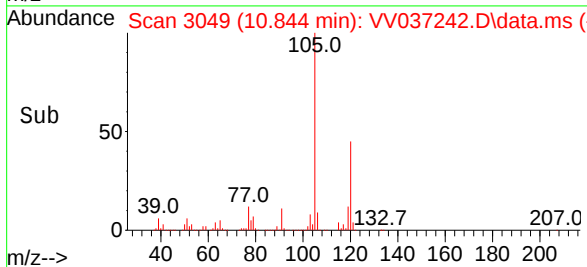
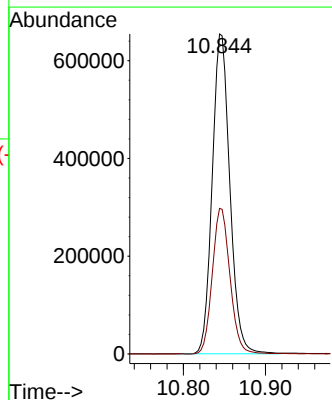
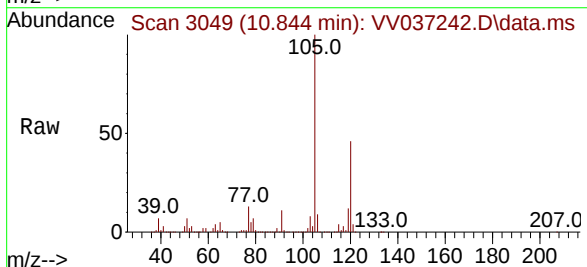
Acq: 10 Sep 2024 10:19

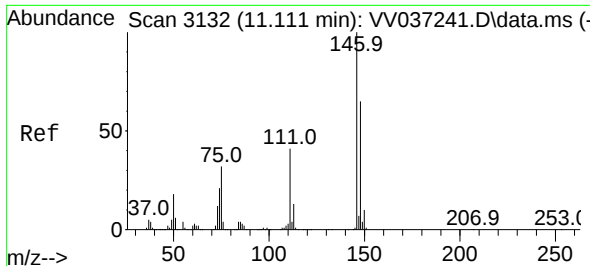
Tgt Ion:105 Resp: 978322

Ion Ratio Lower Upper

105 100

120 45.6 36.2 54.2

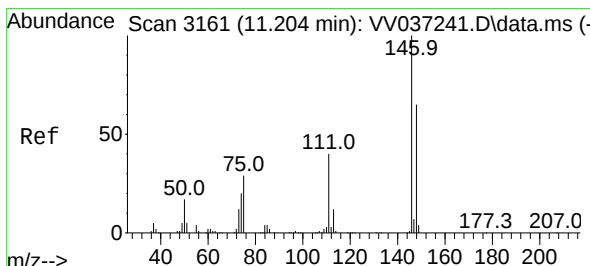
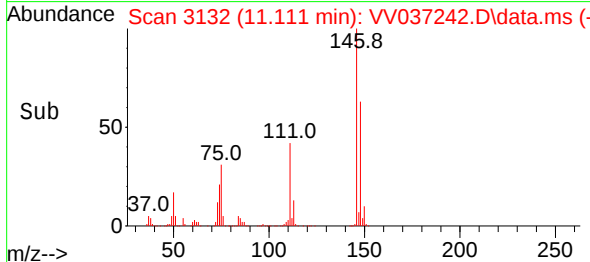
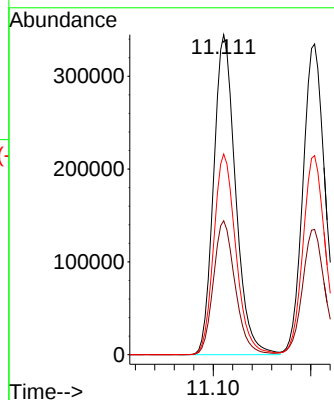
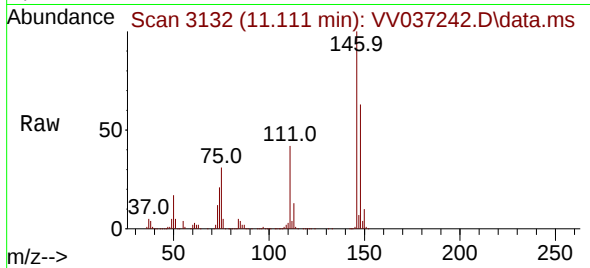




#64
1,3-Dichlorobenzene
Concen: 10.011 ug/L
RT: 11.111 min Scan# 3132
Delta R.T. 0.000 min
Lab File: VV037242.D
Acq: 10 Sep 2024 10:19

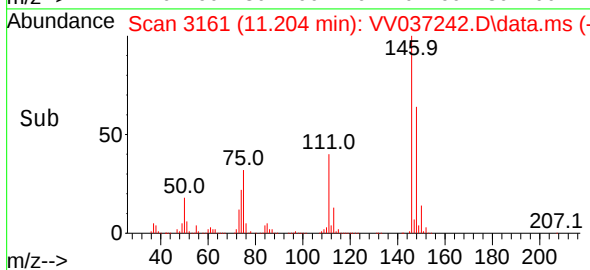
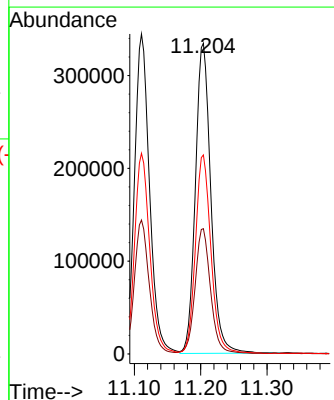
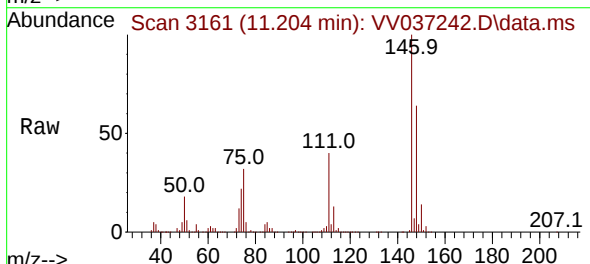
Instrument :
MSVOA_V
ClientSampleId :

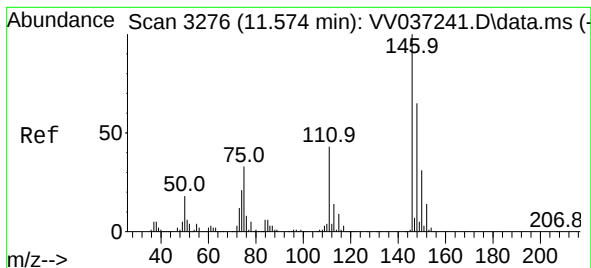
Tgt Ion:146 Resp: 539514
Ion Ratio Lower Upper
146 100
111 41.8 28.8 53.4
148 62.7 45.6 84.6



#65
1,4-Dichlorobenzene
Concen: 9.823 ug/L
RT: 11.204 min Scan# 3161
Delta R.T. 0.000 min
Lab File: VV037242.D
Acq: 10 Sep 2024 10:19

Tgt Ion:146 Resp: 542884
Ion Ratio Lower Upper
146 100
111 40.3 28.2 52.4
148 64.1 45.8 85.0





#67

1,2-Dichlorobenzene

Concen: 10.129 ug/L

RT: 11.574 min Scan# 3276

Delta R.T. 0.000 min

Lab File: VV037242.D

Acq: 10 Sep 2024 10:19

Instrument :

MSVOA_V

ClientSampleId :

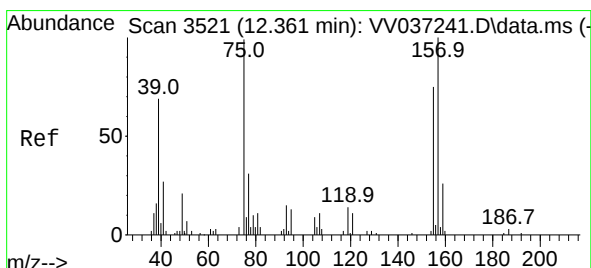
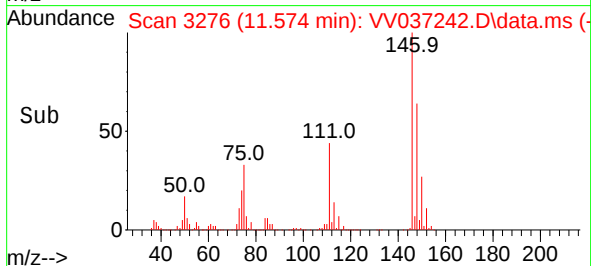
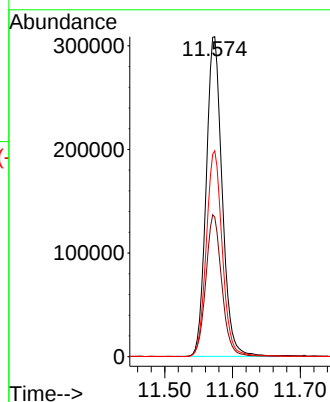
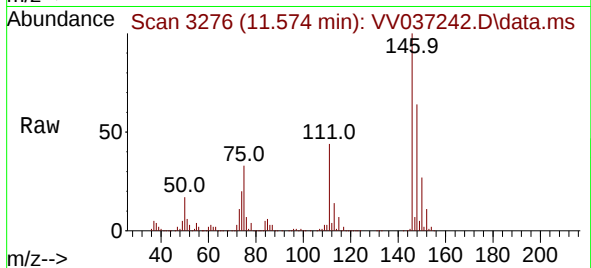
Tgt Ion:146 Resp: 506051

Ion Ratio Lower Upper

146 100

111 43.6 34.4 51.6

148 64.3 51.8 77.6



#68

1,2-Dibromo-3-chloropropane

Concen: 11.114 ug/L

RT: 12.362 min Scan# 3521

Delta R.T. 0.000 min

Lab File: VV037242.D

Acq: 10 Sep 2024 10:19

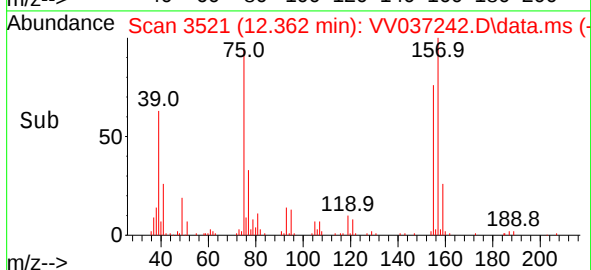
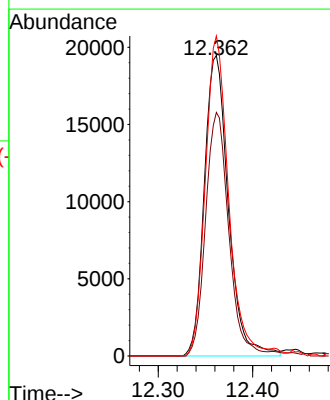
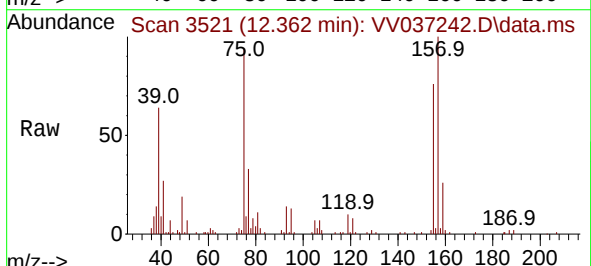
Tgt Ion: 75 Resp: 34399

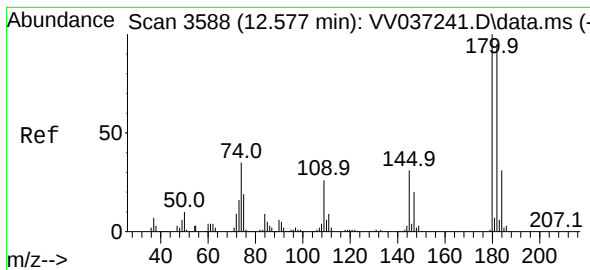
Ion Ratio Lower Upper

75 100

155 81.0 60.6 90.8

157 106.5 81.1 121.7





#69

1,3,5-Trichlorobenzene

Concen: 9.854 ug/L

RT: 12.577 min Scan# 3588

Delta R.T. 0.000 min

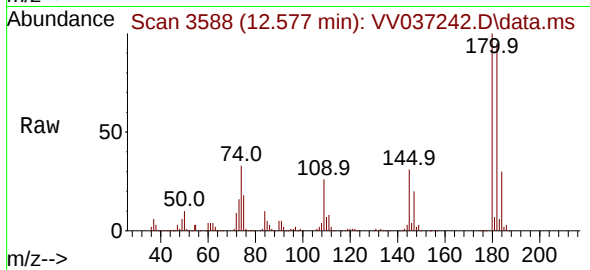
Lab File: VV037242.D

Acq: 10 Sep 2024 10:19

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 378730

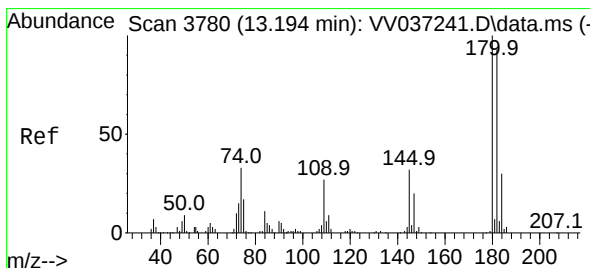
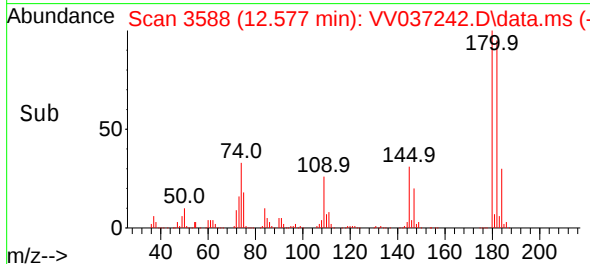
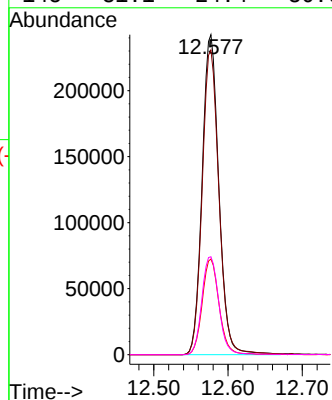
Ion Ratio Lower Upper

180 100

182 95.7 74.3 111.5

184 30.2 24.3 36.5

145 31.1 24.4 36.6



#70

1,2,4-trichlorobenzene

Concen: 10.200 ug/L

RT: 13.191 min Scan# 3779

Delta R.T. -0.003 min

Lab File: VV037242.D

Acq: 10 Sep 2024 10:19

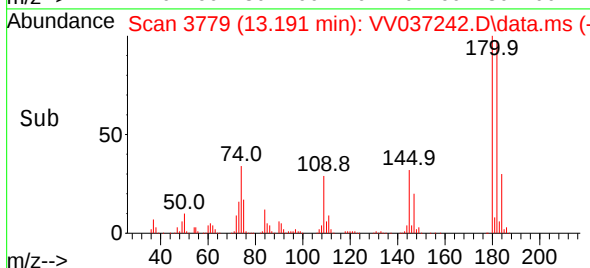
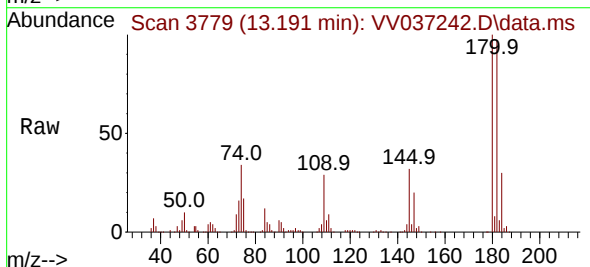
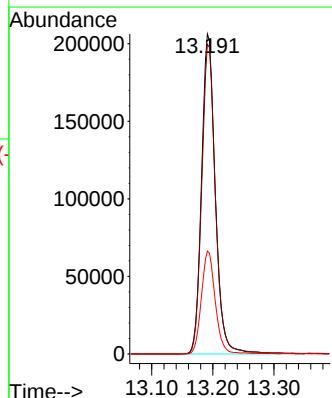
Tgt Ion:180 Resp: 322691

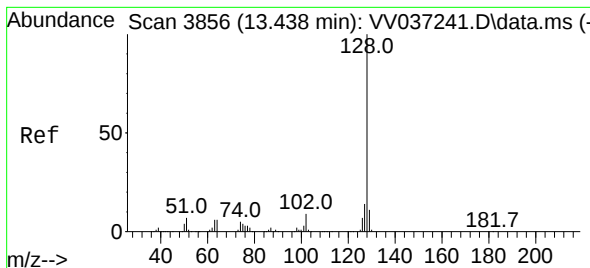
Ion Ratio Lower Upper

180 100

182 96.5 75.4 113.0

145 32.2 25.8 38.6





#71

Naphthalene

Concen: 10.786 ug/L

RT: 13.435 min Scan# 3856

Delta R.T. -0.003 min

Lab File: VV037242.D

Acq: 10 Sep 2024 10:19

Instrument :

MSVOA_V

ClientSampleId :

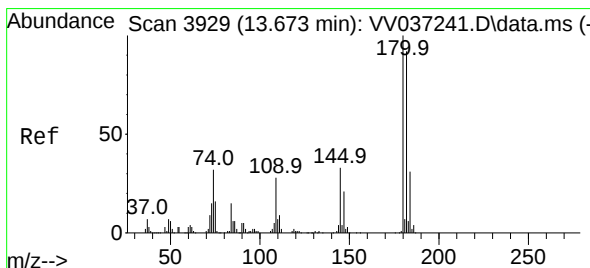
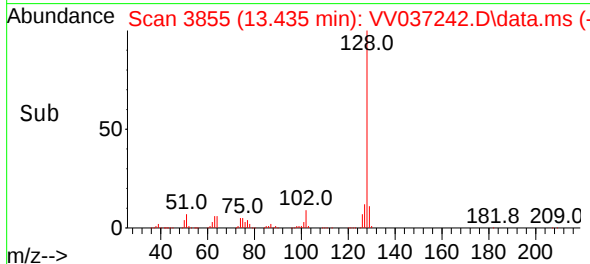
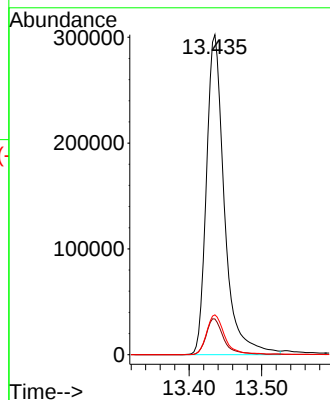
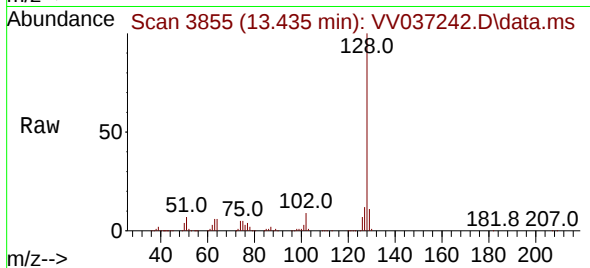
Tgt Ion:128 Resp: 521466

Ion Ratio Lower Upper

128 100

129 10.9 8.6 12.8

127 12.8 10.2 15.2



#72

1,2,3-Trichlorobenzene

Concen: 10.584 ug/L

RT: 13.673 min Scan# 3929

Delta R.T. 0.000 min

Lab File: VV037242.D

Acq: 10 Sep 2024 10:19

Tgt Ion:180 Resp: 277063

Ion Ratio Lower Upper

180 100

182 96.5 73.4 110.0

145 33.4 27.2 40.8

