

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV083024\
 Data File : VV037183.D
 Acq On : 30 Aug 2024 08:40
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 31 00:15:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 30 01:20:16 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.526	114	633575	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	612235	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	319201	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	216131	37.292	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.580%
7) Chloroethane-d5	1.532	69	179890	40.161	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	80.320%
11) 1,1-Dichloroethene-d2	2.056	65	95412	39.168	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.340%
21) 2-Butanone-d5	3.786	46	154623	68.893	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	68.890%
24) Chloroform-d	4.240	84	406107	44.771	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.540%
26) 1,2-Dichloroethane-d4	4.934	65	244916	42.875	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.760%
32) Benzene-d6	4.950	84	782945	42.340	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.680%
36) 1,2-Dichloropropane-d6	5.982	67	249217	43.029	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.060%
41) Toluene-d8	7.236	98	704143	42.192	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.380%
43) trans-1,3-Dichloroprop...	7.545	79	111011	41.428	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.860%
47) 2-Hexanone-d5	8.021	63	115942	73.348	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	73.350%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	291058	41.435	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	82.860%
66) 1,2-Dichlorobenzene-d4	11.554	152	263188	41.168	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.340%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	272748	50.943	ug/L	100
3) Chloromethane	1.217	50	270266	44.886	ug/L	99
5) Vinyl chloride	1.285	62	281660	49.829	ug/L	100
6) Bromomethane	1.487	94	161240	50.908	ug/L	100
8) Chloroethane	1.548	64	175504	50.761	ug/L	99
9) Trichlorofluoromethane	1.712	101	374351	50.749	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	230479	52.532	ug/L	99
12) 1,1-Dichloroethene	2.069	96	207746	50.259	ug/L	95
13) Acetone	2.108	43	204531	84.972	ug/L	99
14) Carbon disulfide	2.240	76	594774	47.398	ug/L	100
15) Methyl Acetate	2.368	43	179960	44.595	ug/L	100
16) Methylene chloride	2.442	84	235596	50.517	ug/L	99
17) trans-1,2-Dichloroethene	2.687	96	217488	50.684	ug/L	98
18) Methyl tert-butyl Ether	2.703	73	649711	48.132	ug/L	100
19) 1,1-Dichloroethane	3.105	63	436838	51.262	ug/L	100
20) cis-1,2-Dichloroethene	3.805	96	239804	50.574	ug/L	99
22) 2-Butanone	3.867	43	215483	81.308	ug/L	99
23) Bromochloromethane	4.137	128	117075	50.298	ug/L	97
25) Chloroform	4.265	83	435207	50.427	ug/L	100

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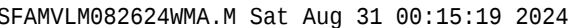
Instrument :
 MSVOA_V
 ClientSampleId :

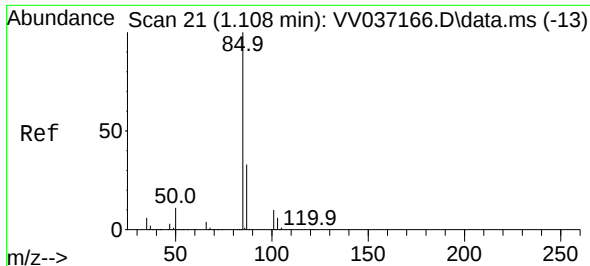
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 Quant Title : VOC Analysis
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.034	62	317016	50.076	ug/L	100
29) Cyclohexane	4.571	56	357646	49.683	ug/L	99
30) 1,1,1-Trichloroethane	4.503	97	355633	50.483	ug/L	100
31) Carbon tetrachloride	4.722	117	306314	51.531	ug/L	99
33) Benzene	4.998	78	915036	51.789	ug/L	100
34) Trichloroethene	5.825	95	238836	51.214	ug/L	98
35) Methylcyclohexane	6.040	83	383365	50.596	ug/L	99
37) 1,2-Dichloropropane	6.085	63	244359	51.587	ug/L	100
38) Bromodichloromethane	6.426	83	306691	50.516	ug/L	99
39) cis-1,3-Dichloropropene	6.947	75	381119	50.985	ug/L	100
40) 4-Methyl-2-pentanone	7.153	43	415037	86.185	ug/L	99
42) Toluene	7.307	91	955839	51.958	ug/L	100
44) trans-1,3-Dichloropropene	7.574	75	334041	49.995	ug/L	99
45) 1,1,2-Trichloroethane	7.760	97	220062	49.907	ug/L	99
46) Tetrachloroethene	7.895	164	175861	52.557	ug/L	98
48) 2-Hexanone	8.069	43	313740	84.241	ug/L	98
49) Dibromochloromethane	8.169	129	221924	50.263	ug/L	98
50) 1,2-Dibromoethane	8.275	107	219385	49.168	ug/L	99
51) Chlorobenzene	8.805	112	620046	50.911	ug/L	99
52) Ethylbenzene	8.937	91	1076663	51.814	ug/L	100
53) m,p-Xylene	9.066	106	404927	52.595	ug/L	99
54) o-Xylene	9.471	106	390811	51.844	ug/L	97
55) Styrene	9.487	104	685721	52.425	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.172	83	300046	45.945	ug/L	99
59) Bromoform	9.657	173	135971	45.745	ug/L	99
60) Isopropylbenzene	9.860	105	1065548	51.492	ug/L	100
61) 1,2,3-Trichloropropane	10.201	75	223400	44.990	ug/L	100
62) 1,3,5-Trimethylbenzene	10.468	105	868084	51.273	ug/L	100
63) 1,2,4-Trimethylbenzene	10.844	105	861664	50.998	ug/L	100
64) 1,3-Dichlorobenzene	11.111	146	476733	49.891	ug/L	99
65) 1,4-Dichlorobenzene	11.201	146	493665	50.477	ug/L	100
67) 1,2-Dichlorobenzene	11.570	146	467338	49.740	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.358	75	50737	40.972	ug/L	98
69) 1,3,5-Trichlorobenzene	12.574	180	332599	50.024	ug/L	98
70) 1,2,4-trichlorobenzene	13.191	180	301880	48.217	ug/L	99
71) Naphthalene	13.432	128	786244	43.490	ug/L	100
72) 1,2,3-Trichlorobenzene	13.673	180	295831	47.948	ug/L	100

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

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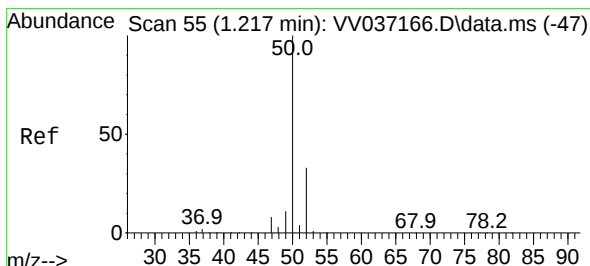
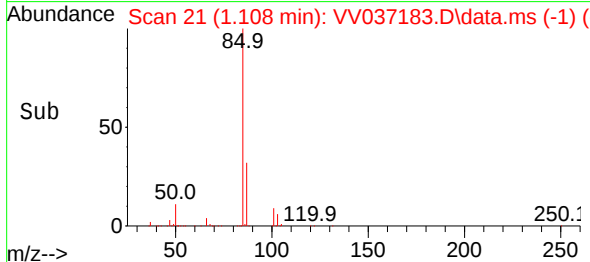
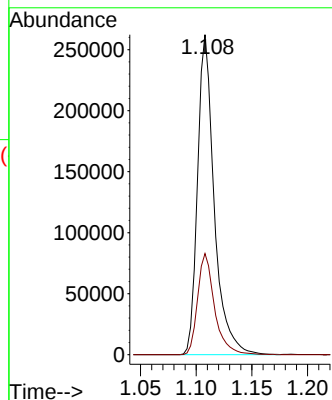
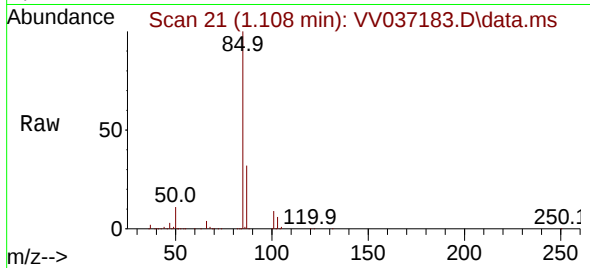




#2
 Dichlorodifluoromethane
 Concen: 50.943 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV037183.D
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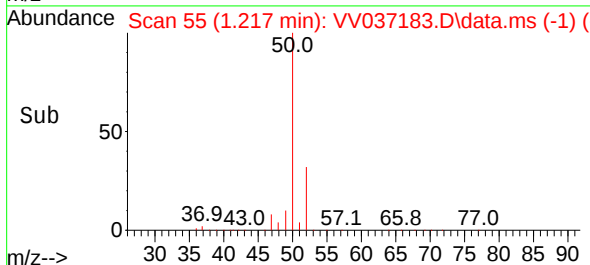
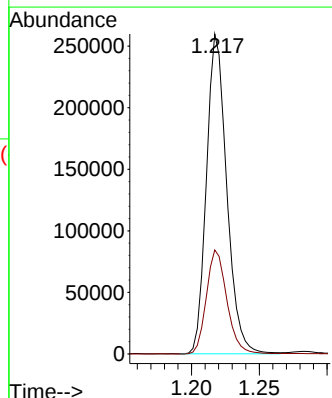
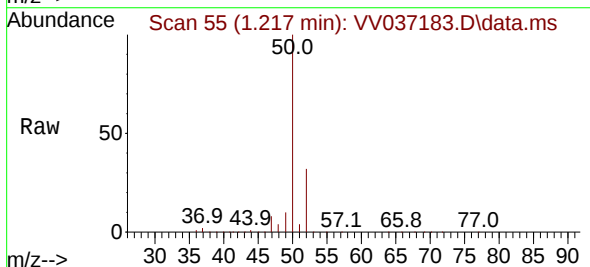
Instrument :
 MSVOA_V
 ClientSampleId :

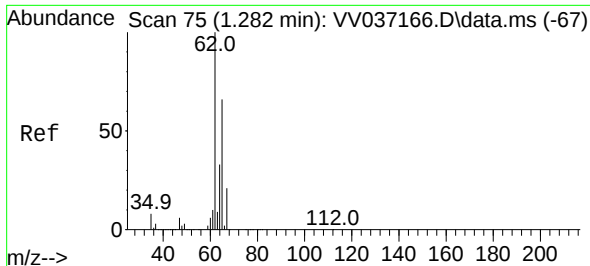
Tgt Ion: 85 Resp: 272748
 Ion Ratio Lower Upper
 85 100
 87 32.2 25.9 38.9



#3
 Chloromethane
 Concen: 44.886 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VV037183.D
 Acq: 30 Aug 2024 08:40

Tgt Ion: 50 Resp: 270266
 Ion Ratio Lower Upper
 50 100
 52 32.5 22.5 41.9

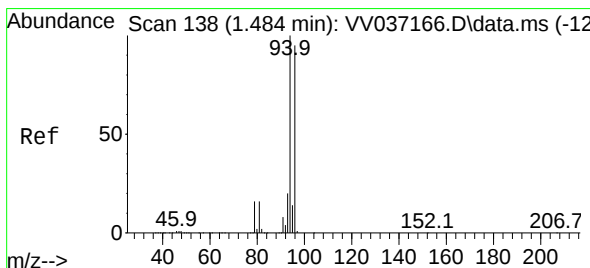
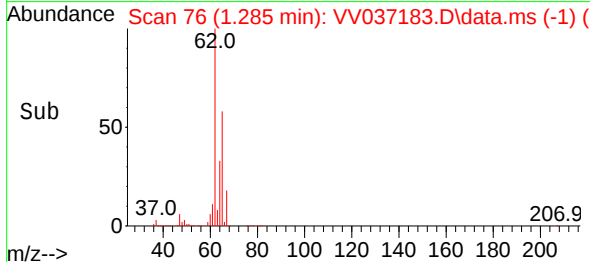
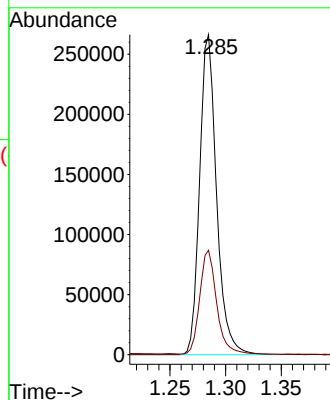
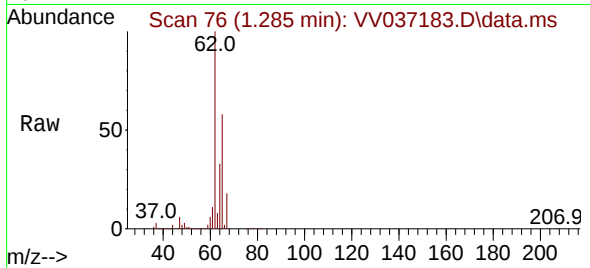




#5
 Vinyl chloride
 Concen: 49.829 ug/L
 RT: 1.285 min Scan# 75
 Delta R.T. 0.003 min
 Lab File: VV037183.D
 Acq: 30 Aug 2024 08:40

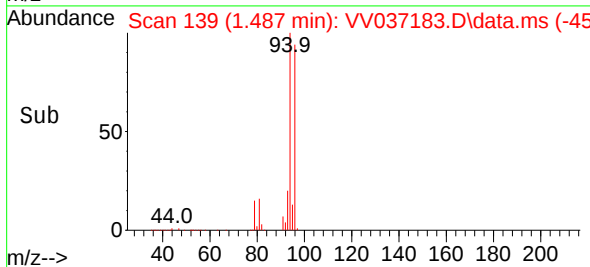
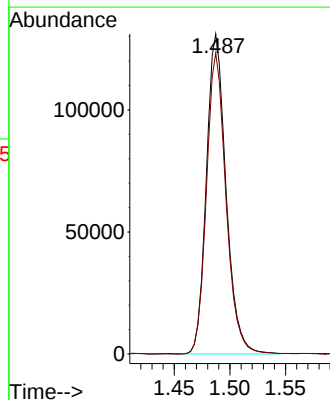
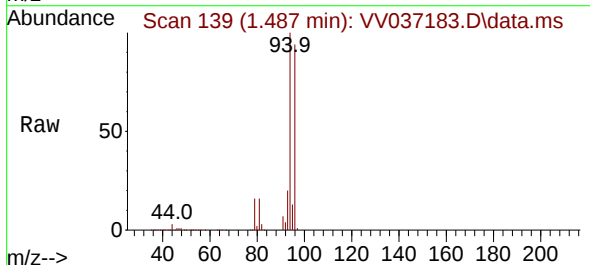
Instrument :
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 ClientSampleId :

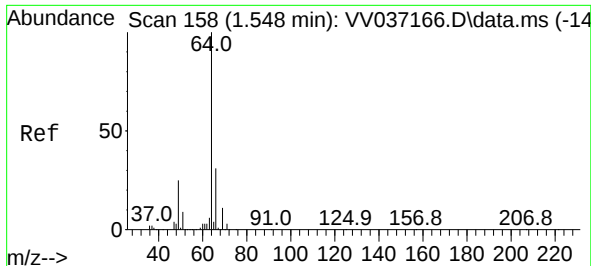
Tgt Ion: 62 Resp: 281660
 Ion Ratio Lower Upper
 62 100
 64 32.7 22.8 42.4



#6
 Bromomethane
 Concen: 50.908 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. 0.003 min
 Lab File: VV037183.D
 Acq: 30 Aug 2024 08:40

Tgt Ion: 94 Resp: 161240
 Ion Ratio Lower Upper
 94 100
 96 94.0 65.6 121.8

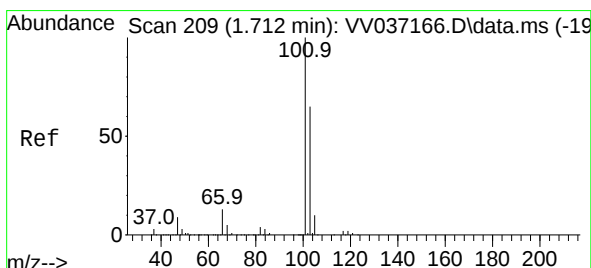
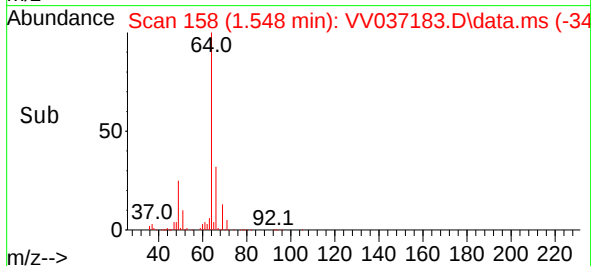
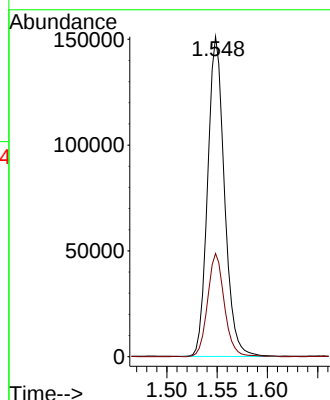
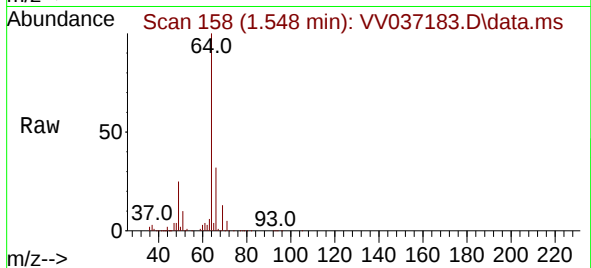




#8
Chloroethane
Concen: 50.761 ug/L
RT: 1.548 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV037183.D
Acq: 30 Aug 2024 08:40

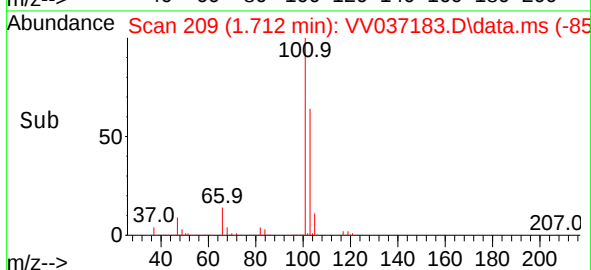
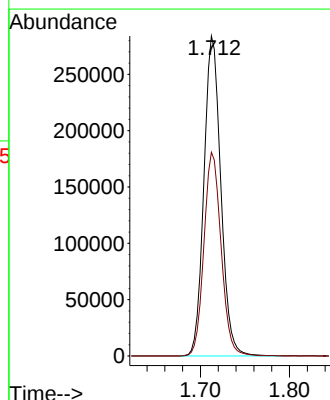
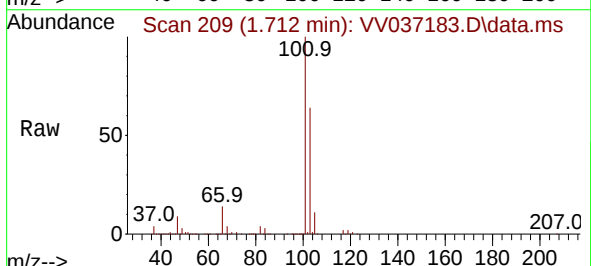
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ClientSampleId :

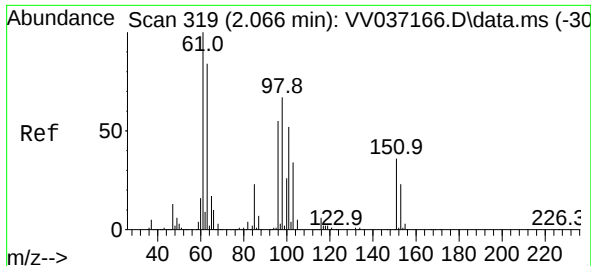
Tgt Ion: 64 Resp: 175504
Ion Ratio Lower Upper
64 100
66 32.2 22.8 42.4



#9
Trichlorofluoromethane
Concen: 50.749 ug/L
RT: 1.712 min Scan# 209
Delta R.T. -0.000 min
Lab File: VV037183.D
Acq: 30 Aug 2024 08:40

Tgt Ion:101 Resp: 374351
Ion Ratio Lower Upper
101 100
103 64.5 51.7 77.5





#10

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

Concen: 52.532 ug/L

RT: 2.066 min Scan# 319

Delta R.T. -0.000 min

Lab File: VV037183.D

Acq: 30 Aug 2024 08:40

Instrument :

MSVOA_V

ClientSampleId :

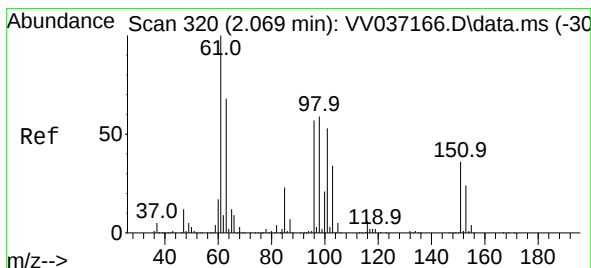
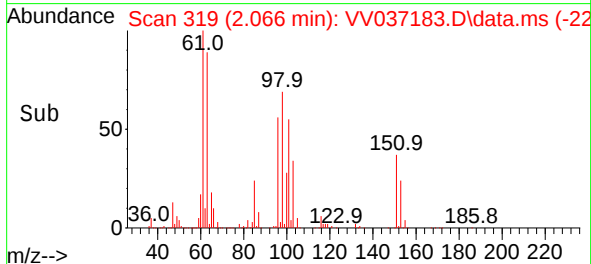
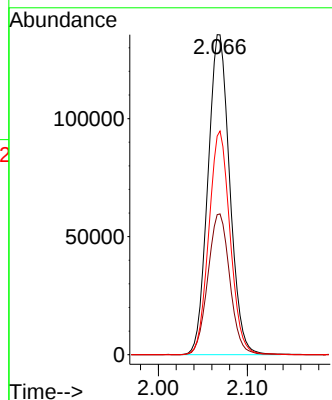
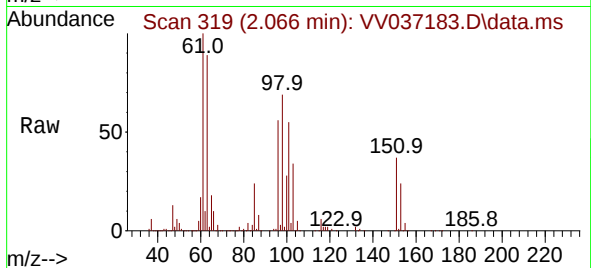
Tgt Ion:101 Resp: 230479

Ion Ratio Lower Upper

101 100

85 44.4 35.6 53.4

151 68.1 55.0 82.4



#12

1,1-Dichloroethene

Concen: 50.259 ug/L

RT: 2.069 min Scan# 320

Delta R.T. -0.000 min

Lab File: VV037183.D

Acq: 30 Aug 2024 08:40

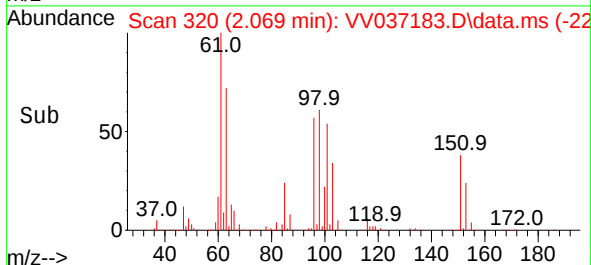
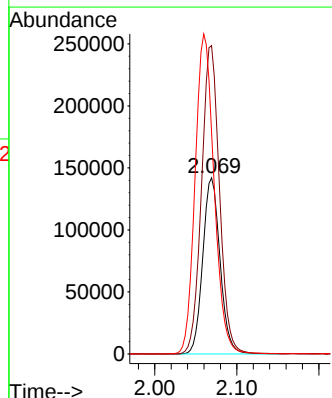
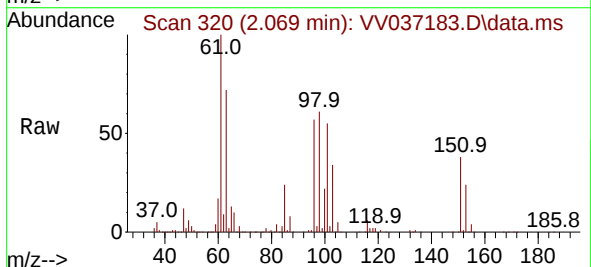
Tgt Ion: 96 Resp: 207746

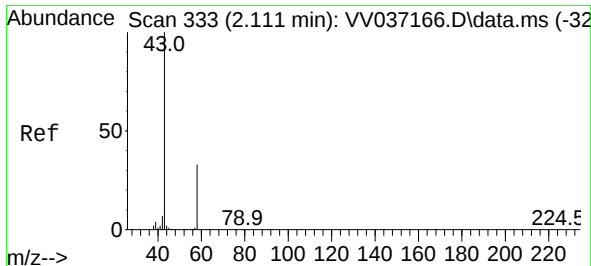
Ion Ratio Lower Upper

96 100

61 175.0 123.8 229.8

63 126.2 96.5 179.1





#13

Acetone

Concen: 84.972 ug/L

RT: 2.108 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV037183.D

Acq: 30 Aug 2024 08:40

Instrument :

MSVOA_V

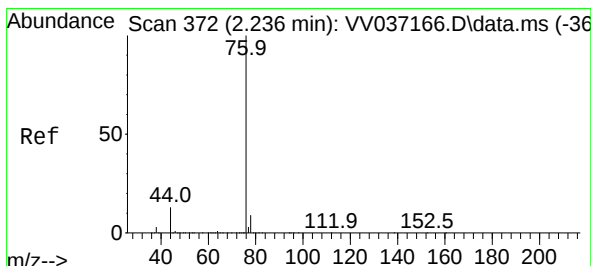
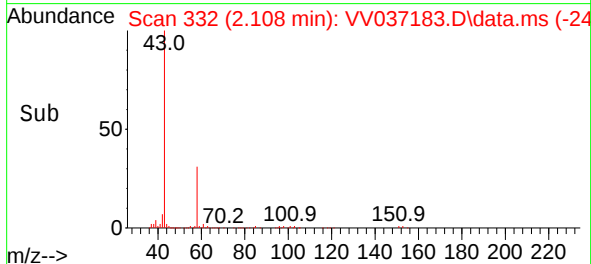
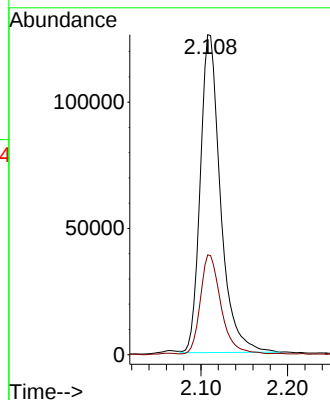
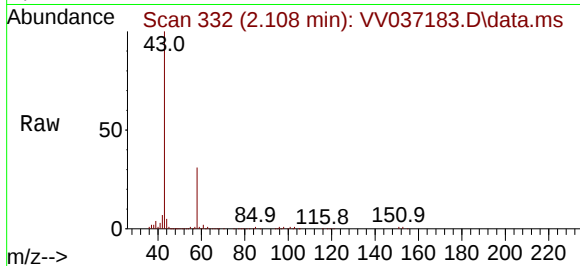
ClientSampleId :

Tgt Ion: 43 Resp: 204531

Ion Ratio Lower Upper

43 100

58 31.8 0.0 64.8



#14

Carbon disulfide

Concen: 47.398 ug/L

RT: 2.240 min Scan# 373

Delta R.T. 0.003 min

Lab File: VV037183.D

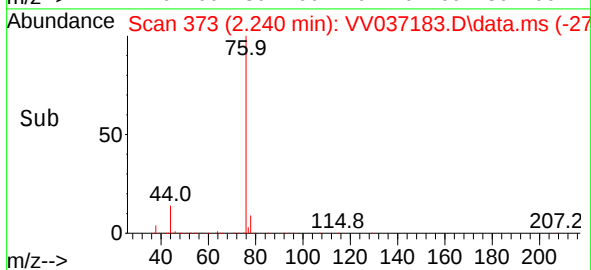
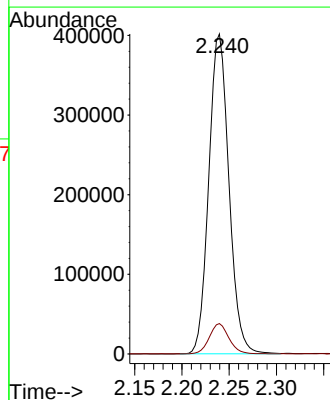
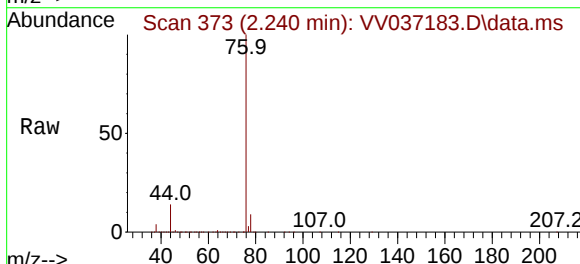
Acq: 30 Aug 2024 08:40

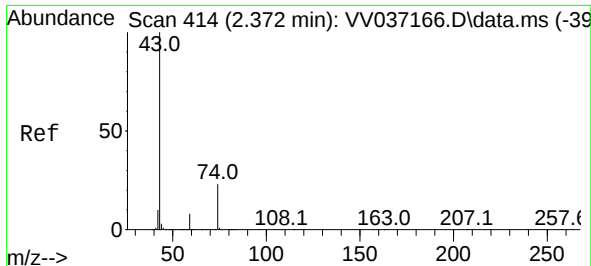
Tgt Ion: 76 Resp: 594774

Ion Ratio Lower Upper

76 100

78 9.5 7.5 11.3





#15

Methyl Acetate

Concen: 44.595 ug/L

RT: 2.368 min Scan# 414

Delta R.T. -0.003 min

Lab File: VV037183.D

Acq: 30 Aug 2024 08:40

Instrument :

MSVOA_V

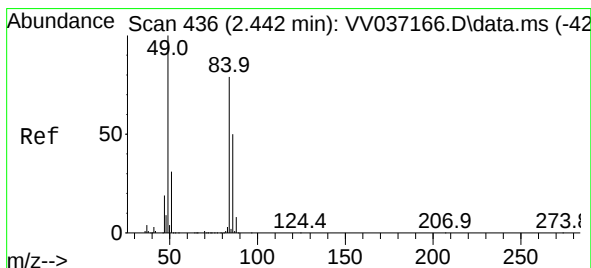
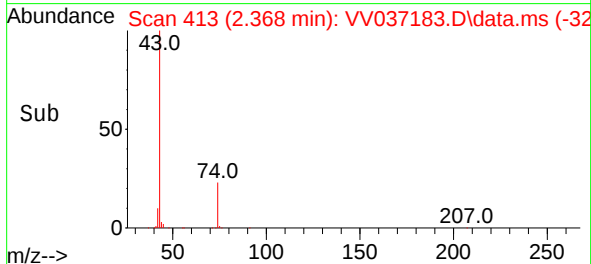
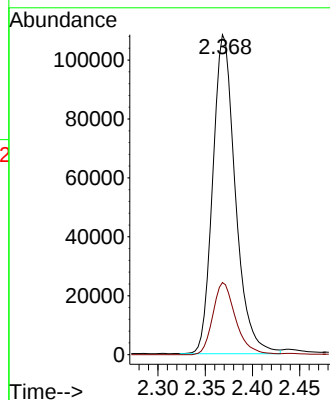
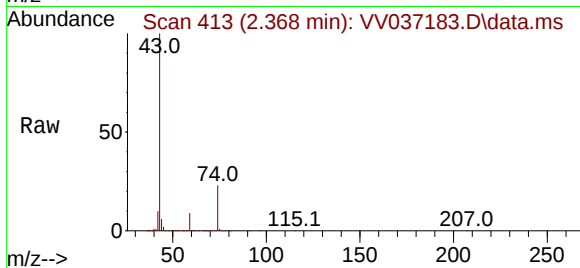
ClientSampleId :

Tgt Ion: 43 Resp: 179960

Ion Ratio Lower Upper

43 100

74 22.9 18.4 27.6



#16

Methylene chloride

Concen: 50.517 ug/L

RT: 2.442 min Scan# 436

Delta R.T. -0.000 min

Lab File: VV037183.D

Acq: 30 Aug 2024 08:40

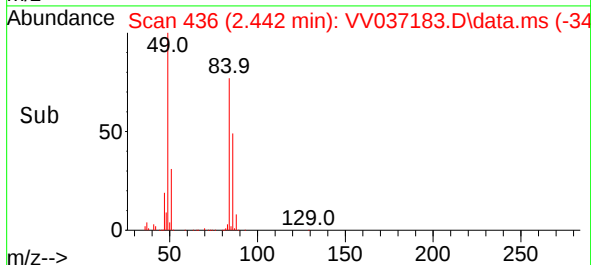
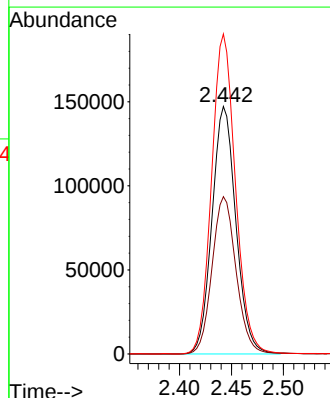
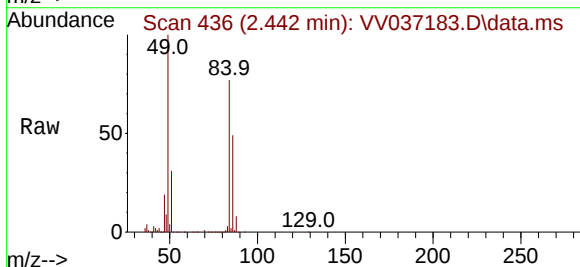
Tgt Ion: 84 Resp: 235596

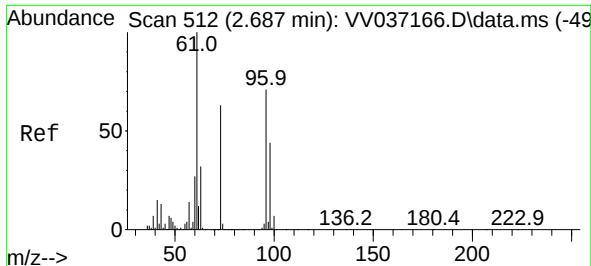
Ion Ratio Lower Upper

84 100

86 63.5 44.7 82.9

49 129.3 91.4 169.8

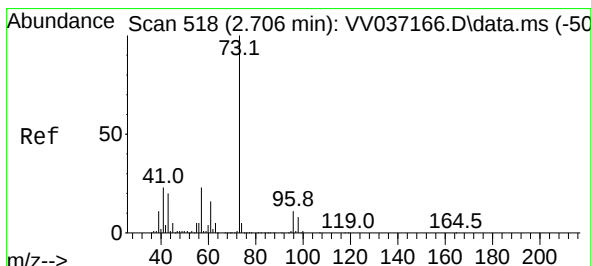
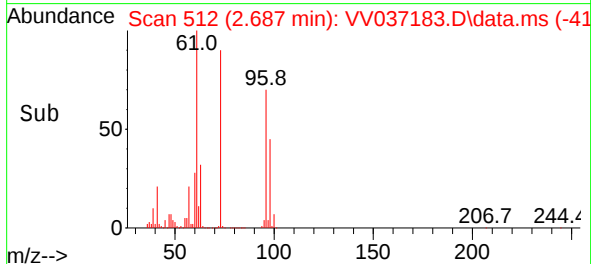
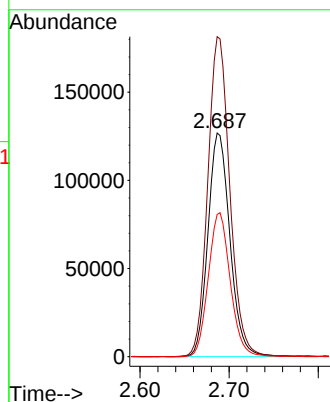
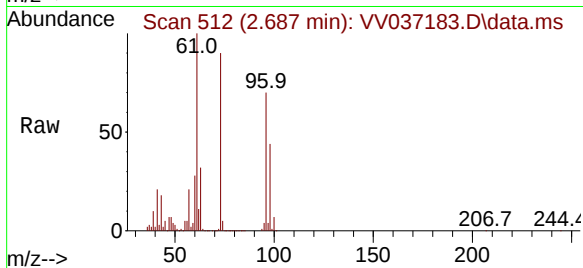




#17
trans-1,2-Dichloroethene
Concen: 50.684 ug/L
RT: 2.687 min Scan# 512
Delta R.T. -0.000 min
Lab File: VV037183.D
Acq: 30 Aug 2024 08:40

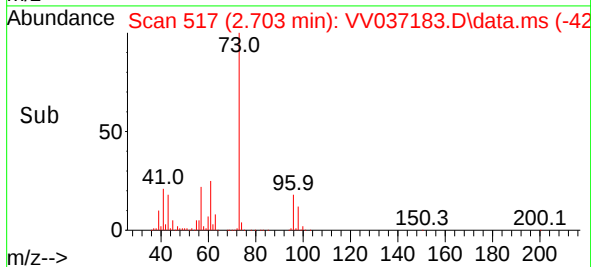
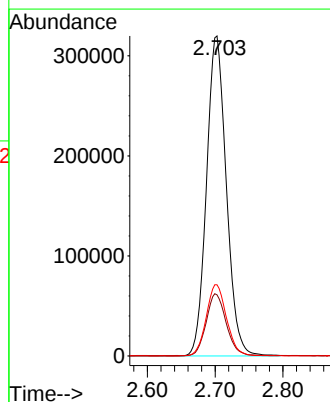
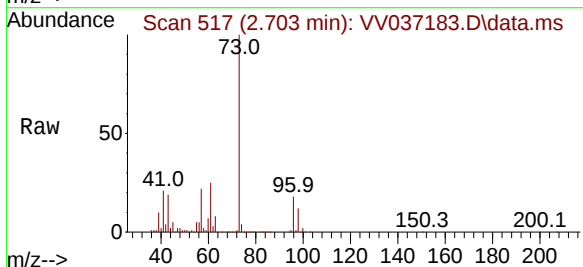
Instrument :
MSVOA_V
ClientSampleId :

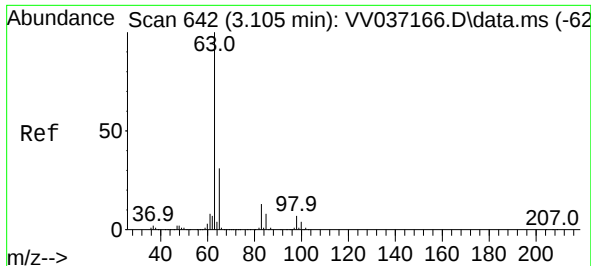
Tgt Ion: 96 Resp: 217488
Ion Ratio Lower Upper
96 100
61 143.0 102.3 189.9
98 63.6 44.8 83.2



#18
Methyl tert-butyl Ether
Concen: 48.132 ug/L
RT: 2.703 min Scan# 517
Delta R.T. -0.003 min
Lab File: VV037183.D
Acq: 30 Aug 2024 08:40

Tgt Ion: 73 Resp: 649711
Ion Ratio Lower Upper
73 100
43 19.5 15.8 23.6
57 22.8 18.1 27.1

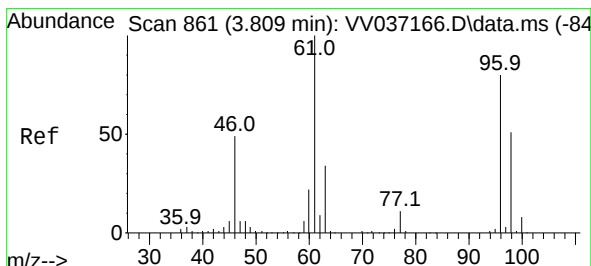
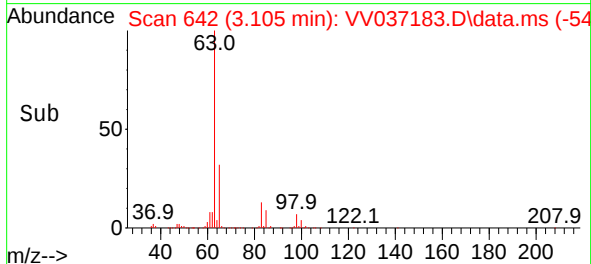
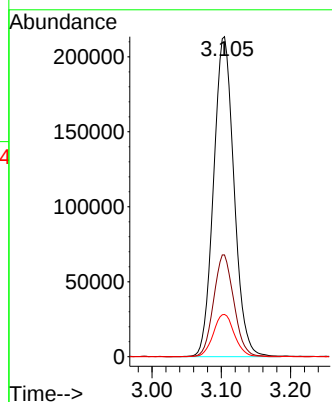
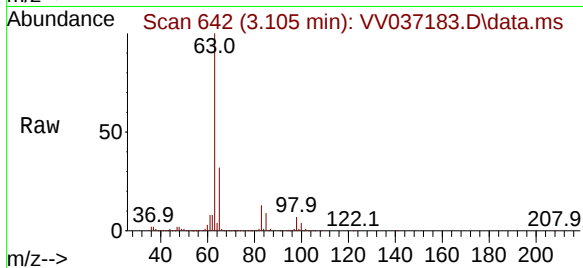




#19
1,1-Dichloroethane
Concen: 51.262 ug/L
RT: 3.105 min Scan# 642
Delta R.T. -0.000 min
Lab File: VV037183.D
Acq: 30 Aug 2024 08:40

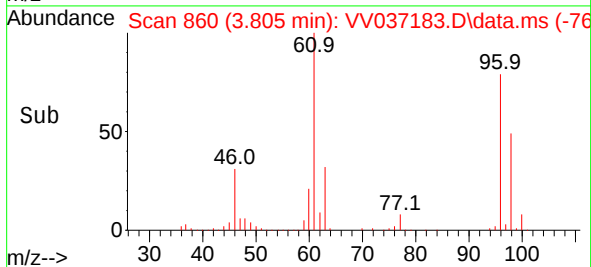
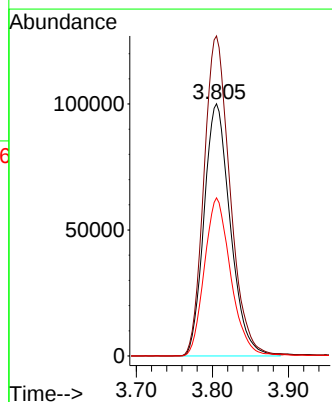
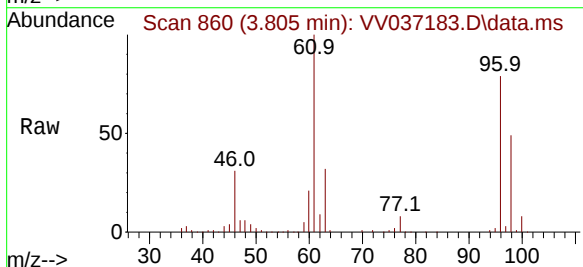
Instrument :
MSVOA_V
ClientSampleId :

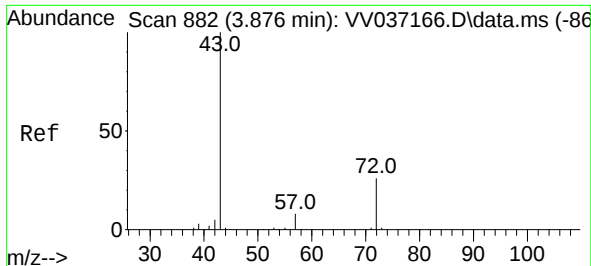
Tgt Ion: 63 Resp: 436838
Ion Ratio Lower Upper
63 100
65 31.8 22.0 41.0
83 13.2 9.2 17.0



#20
cis-1,2-Dichloroethene
Concen: 50.574 ug/L
RT: 3.805 min Scan# 860
Delta R.T. -0.003 min
Lab File: VV037183.D
Acq: 30 Aug 2024 08:40

Tgt Ion: 96 Resp: 239804
Ion Ratio Lower Upper
96 100
61 126.9 89.9 166.9
98 62.7 44.8 83.2





#22

2-Butanone

Concen: 81.308 ug/L

RT: 3.867 min Scan# 81

Delta R.T. -0.010 min

Lab File: VV037183.D

Acq: 30 Aug 2024 08:40

Instrument :

MSVOA_V

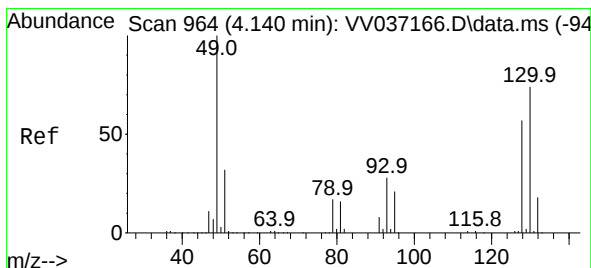
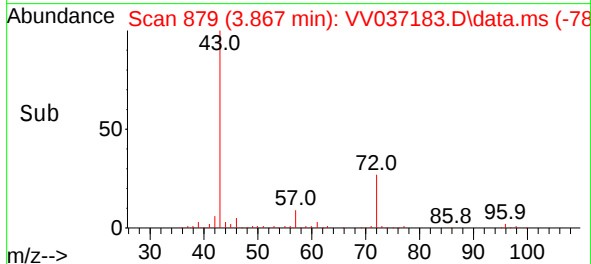
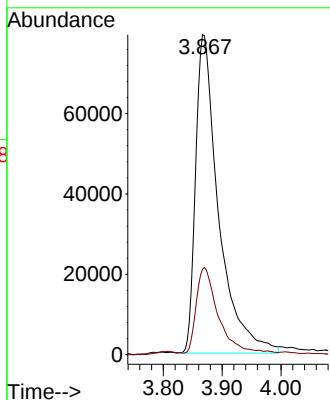
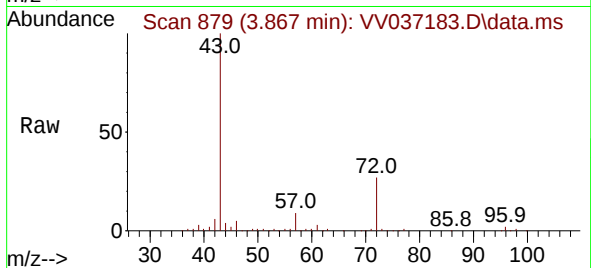
ClientSampleId :

Tgt Ion: 43 Resp: 215483

Ion Ratio Lower Upper

43 100

72 24.8 12.7 38.0



#23

Bromochloromethane

Concen: 50.298 ug/L

RT: 4.137 min Scan# 963

Delta R.T. -0.003 min

Lab File: VV037183.D

Acq: 30 Aug 2024 08:40

Tgt Ion: 128 Resp: 117075

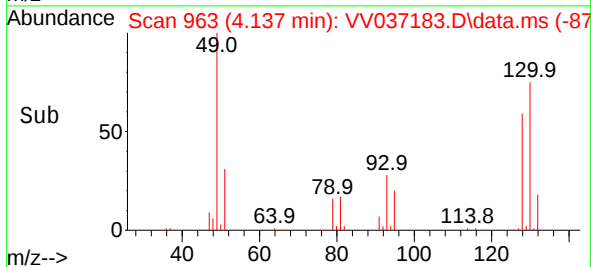
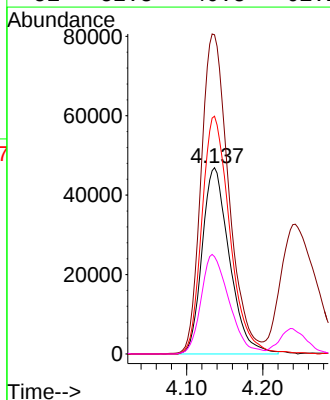
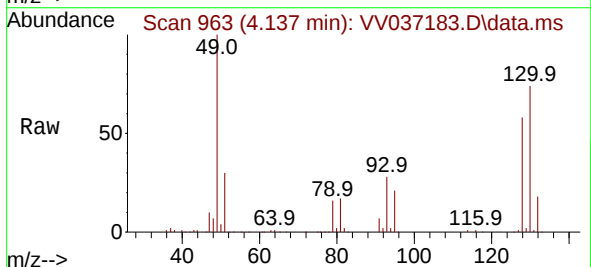
Ion Ratio Lower Upper

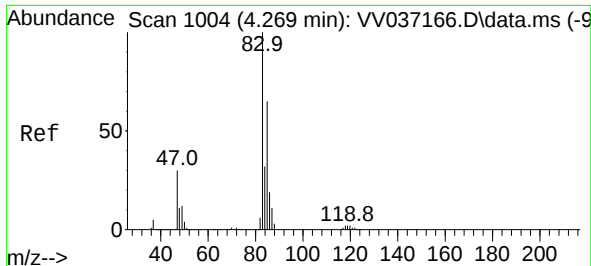
128 100

49 171.5 117.2 217.6

130 127.7 87.6 162.8

51 52.3 40.8 61.2





#25

Chloroform

Concen: 50.427 ug/L

RT: 4.265 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV037183.D

Acq: 30 Aug 2024 08:40

Instrument :

MSVOA_V

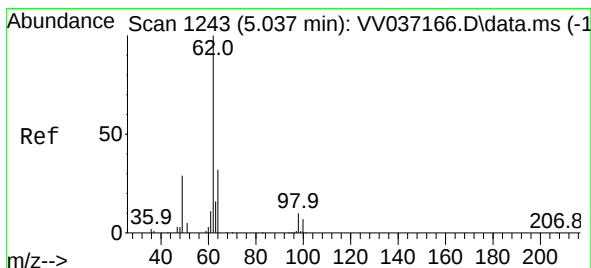
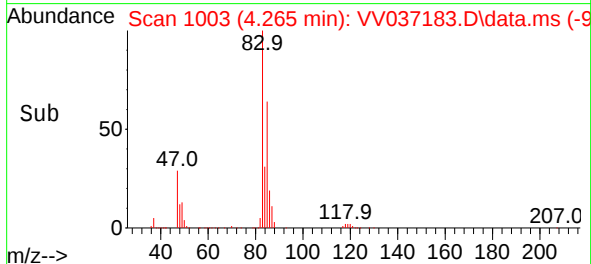
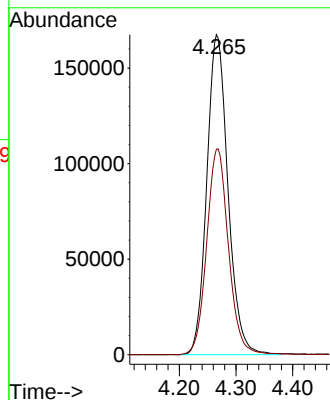
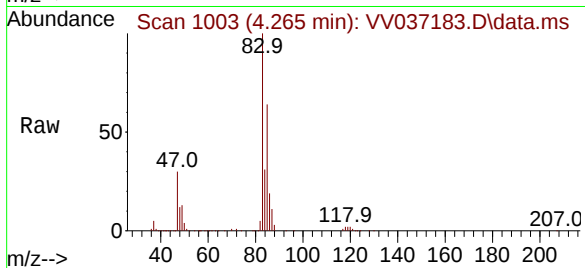
ClientSampleId :

Tgt Ion: 83 Resp: 435207

Ion Ratio Lower Upper

83 100

85 64.2 45.1 83.7



#27

1,2-Dichloroethane

Concen: 50.076 ug/L

RT: 5.034 min Scan# 1242

Delta R.T. -0.003 min

Lab File: VV037183.D

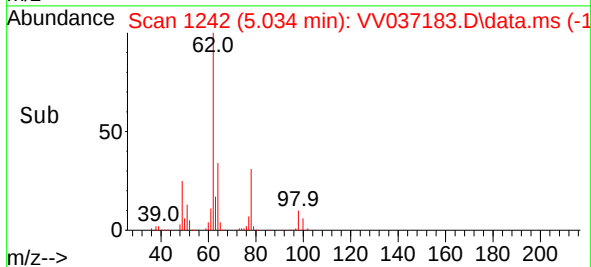
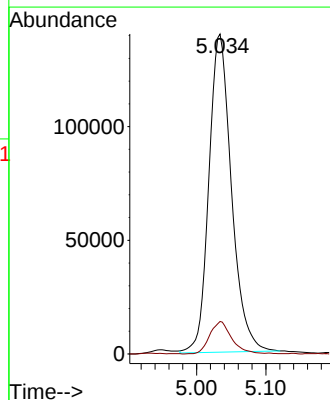
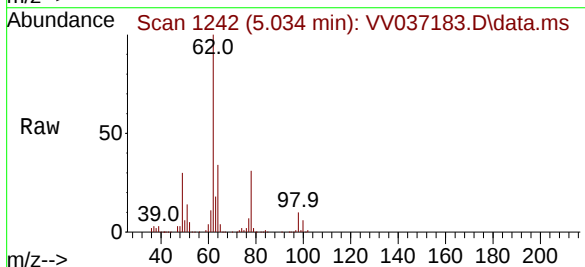
Acq: 30 Aug 2024 08:40

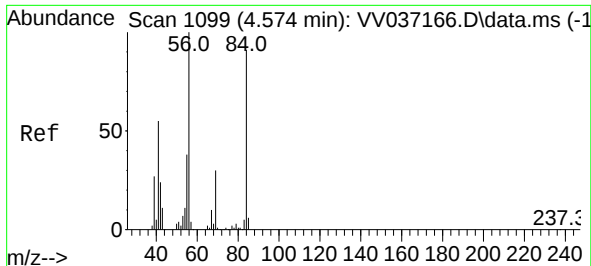
Tgt Ion: 62 Resp: 317016

Ion Ratio Lower Upper

62 100

98 10.1 8.0 12.0





#29

Cyclohexane

Concen: 49.683 ug/L

RT: 4.571 min Scan# 1099

Delta R.T. -0.003 min

Lab File: VV037183.D

Acq: 30 Aug 2024 08:40

Instrument :

MSVOA_V

ClientSampleId :

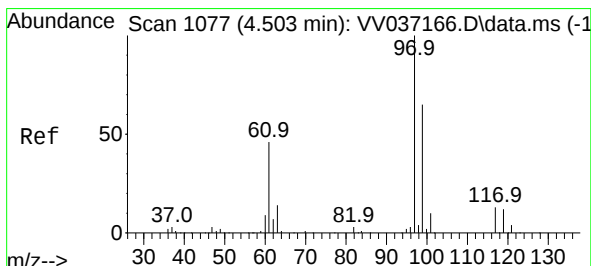
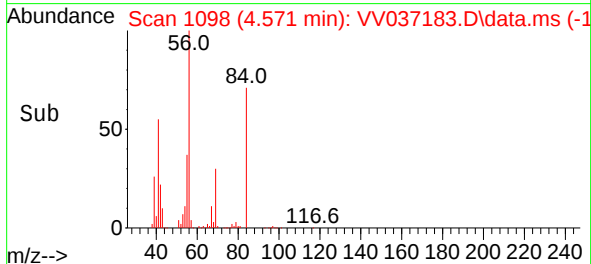
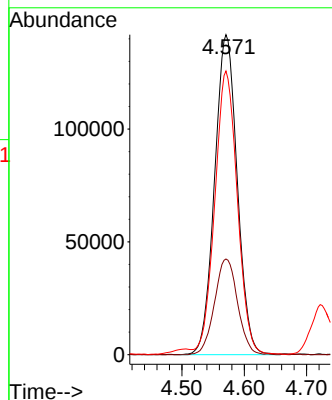
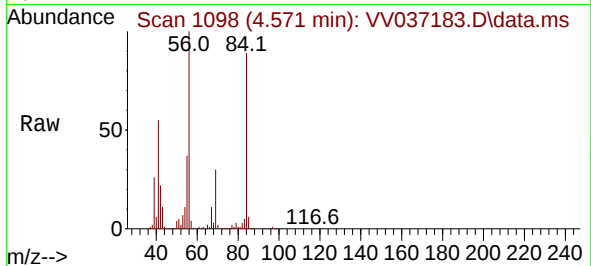
Tgt Ion: 56 Resp: 357646

Ion Ratio Lower Upper

56 100

69 30.4 24.2 36.4

84 88.1 69.8 104.8



#30

1,1,1-Trichloroethane

Concen: 50.483 ug/L

RT: 4.503 min Scan# 1077

Delta R.T. -0.000 min

Lab File: VV037183.D

Acq: 30 Aug 2024 08:40

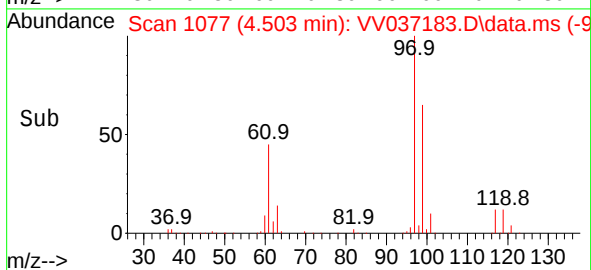
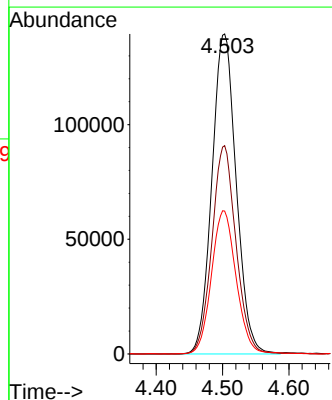
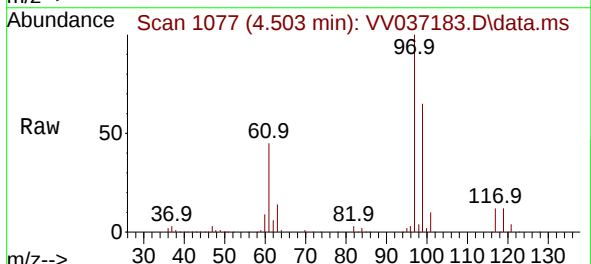
Tgt Ion: 97 Resp: 355633

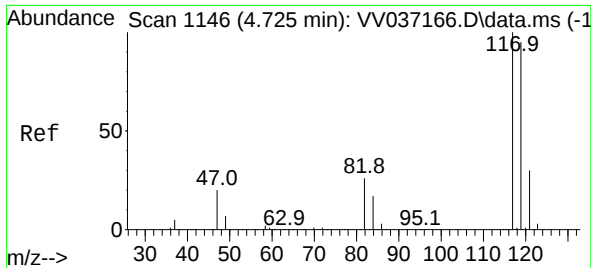
Ion Ratio Lower Upper

97 100

99 64.6 51.6 77.4

61 45.4 35.8 53.6

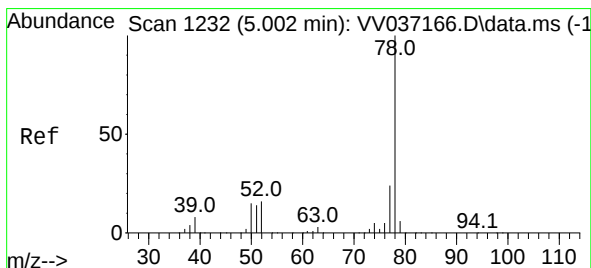
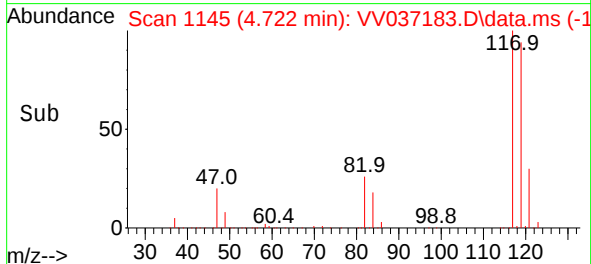
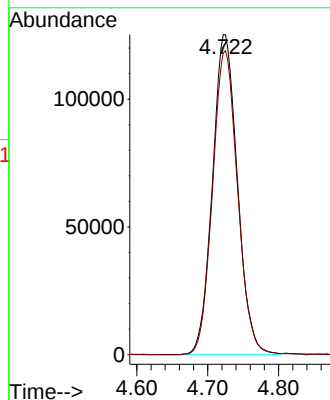
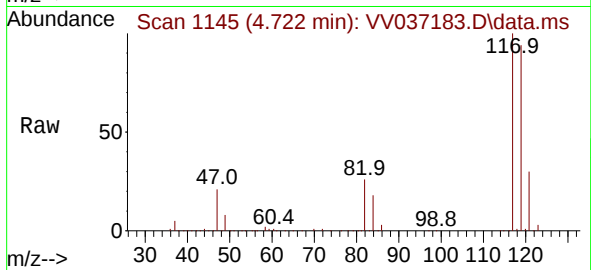




#31
Carbon tetrachloride
Concen: 51.531 ug/L
RT: 4.722 min Scan# 1145
Delta R.T. -0.003 min
Lab File: VV037183.D
Acq: 30 Aug 2024 08:40

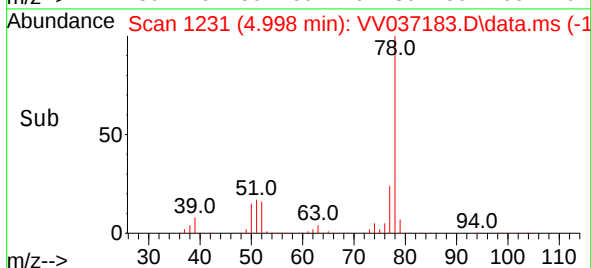
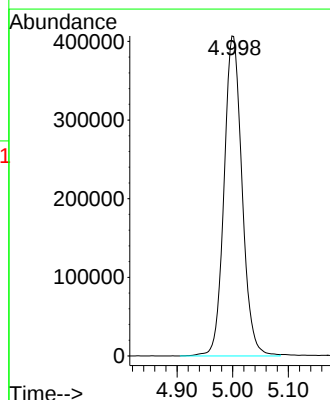
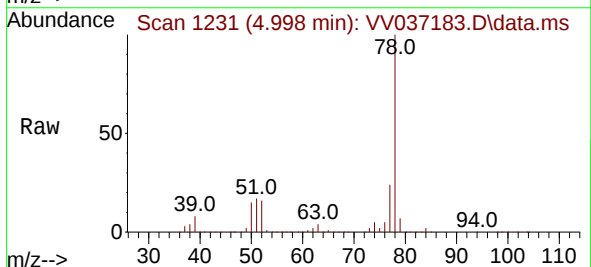
Instrument :
MSVOA_V
ClientSampleId :

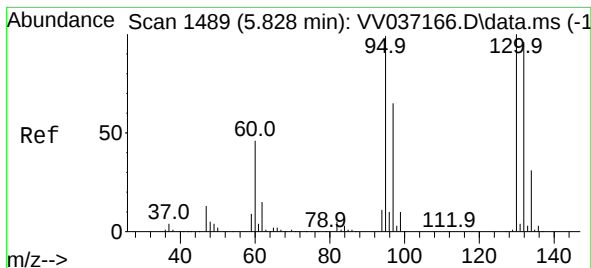
Tgt Ion:117 Resp: 306314
Ion Ratio Lower Upper
117 100
119 95.3 75.8 113.6



#33
Benzene
Concen: 51.789 ug/L
RT: 4.998 min Scan# 1231
Delta R.T. -0.003 min
Lab File: VV037183.D
Acq: 30 Aug 2024 08:40

Tgt Ion: 78 Resp: 915036





#34

Trichloroethene

Concen: 51.214 ug/L

RT: 5.825 min Scan# 1489

Delta R.T. -0.003 min

Lab File: VV037183.D

Acq: 30 Aug 2024 08:40

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 238836

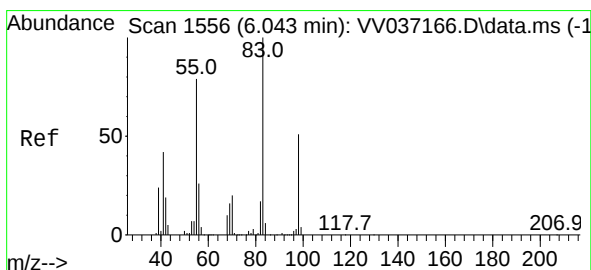
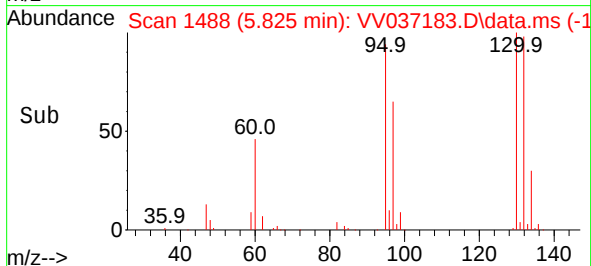
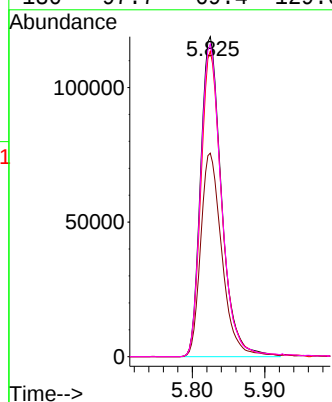
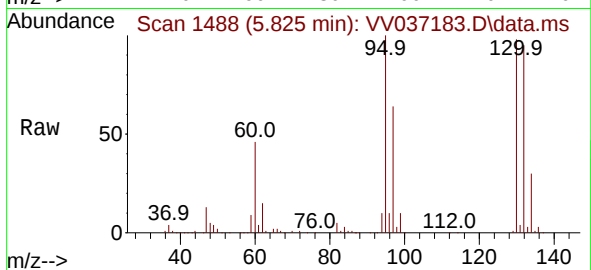
Ion Ratio Lower Upper

95 100

97 63.6 44.4 82.5

132 95.4 64.9 120.5

130 97.7 69.4 129.0



#35

Methylcyclohexane

Concen: 50.596 ug/L

RT: 6.040 min Scan# 1555

Delta R.T. -0.003 min

Lab File: VV037183.D

Acq: 30 Aug 2024 08:40

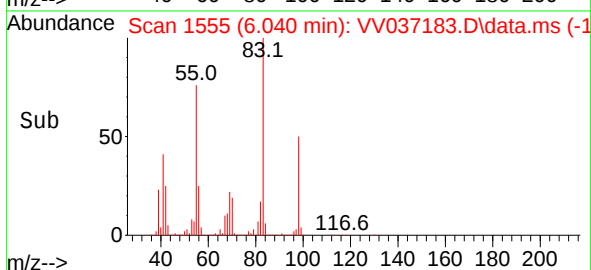
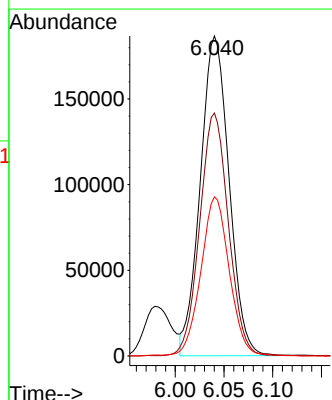
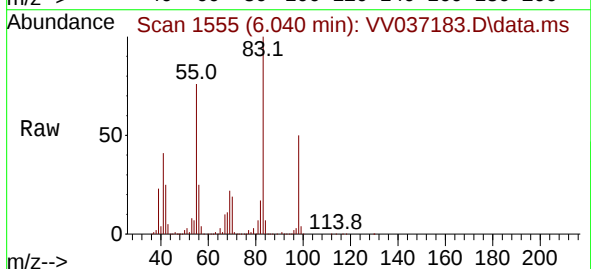
Tgt Ion: 83 Resp: 383365

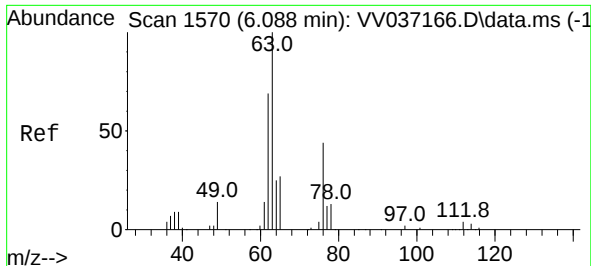
Ion Ratio Lower Upper

83 100

55 75.5 61.2 91.8

98 49.3 39.3 58.9

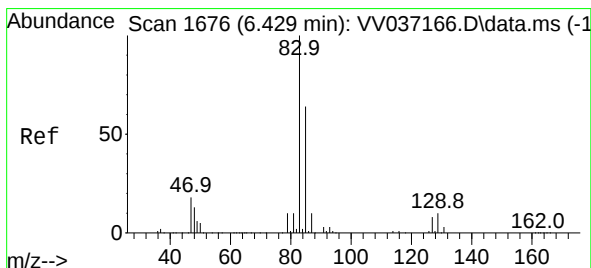
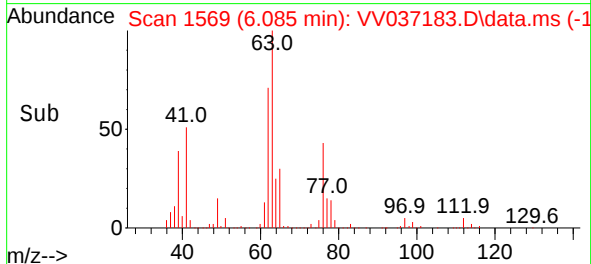
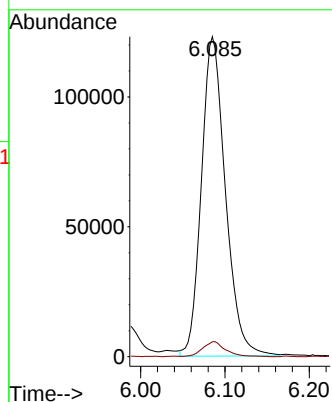
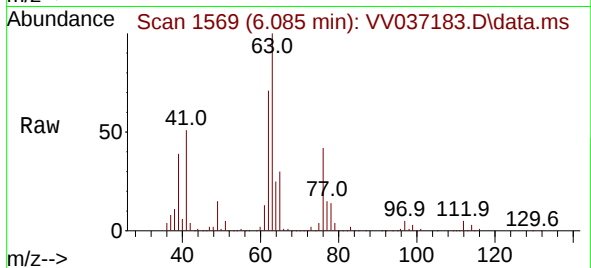




#37
1,2-Dichloropropane
Concen: 51.587 ug/L
RT: 6.085 min Scan# 1569
Delta R.T. -0.003 min
Lab File: VV037183.D
Acq: 30 Aug 2024 08:40

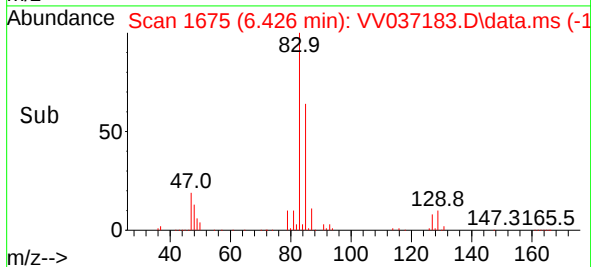
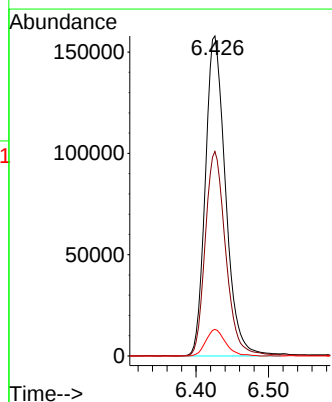
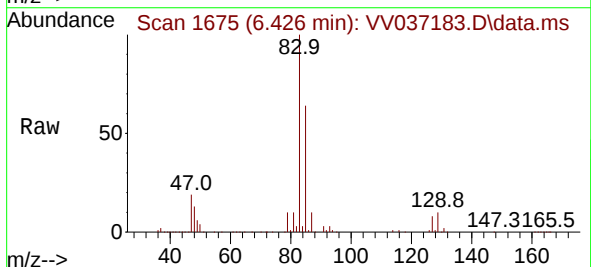
Instrument :
MSVOA_V
ClientSampleId :

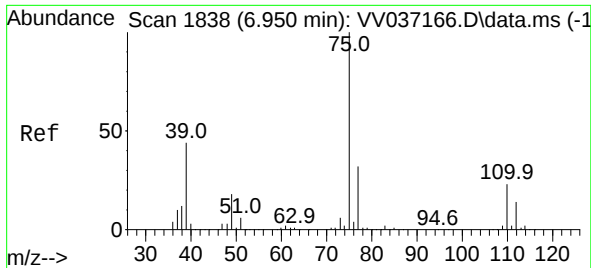
Tgt Ion: 63 Resp: 244359
Ion Ratio Lower Upper
63 100
112 4.5 3.5 5.3



#38
Bromodichloromethane
Concen: 50.516 ug/L
RT: 6.426 min Scan# 1675
Delta R.T. -0.003 min
Lab File: VV037183.D
Acq: 30 Aug 2024 08:40

Tgt Ion: 83 Resp: 306691
Ion Ratio Lower Upper
83 100
85 63.9 44.5 82.7
127 8.3 6.1 9.1

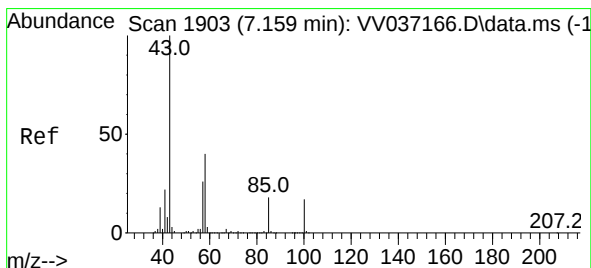
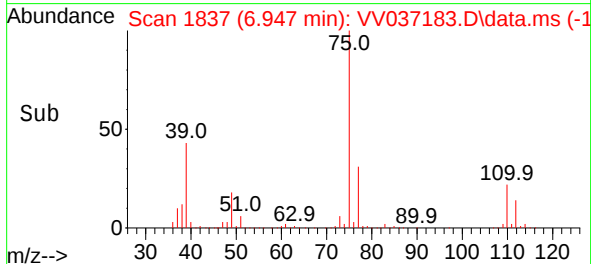
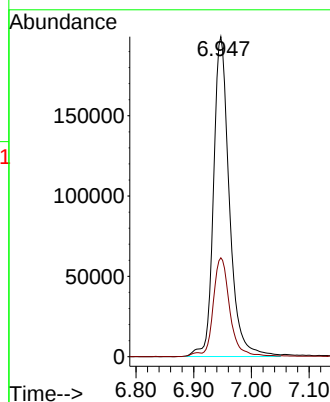
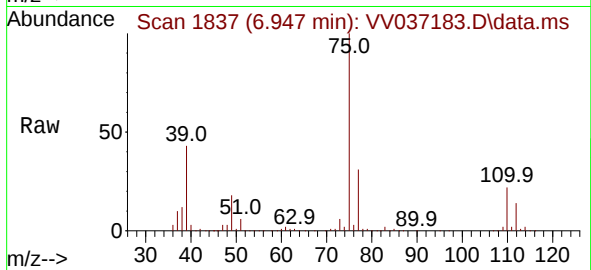




#39
 cis-1,3-Dichloropropene
 Concen: 50.985 ug/L
 RT: 6.947 min Scan# 11
 Delta R.T. -0.003 min
 Lab File: VV037183.D
 Acq: 30 Aug 2024 08:40

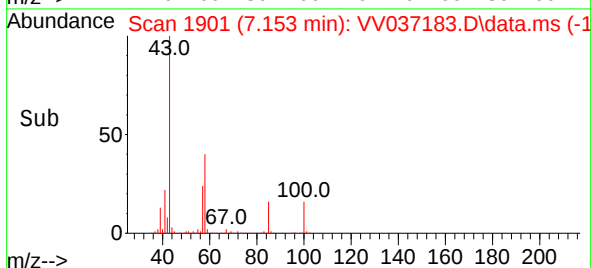
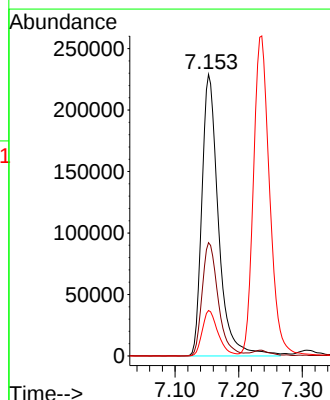
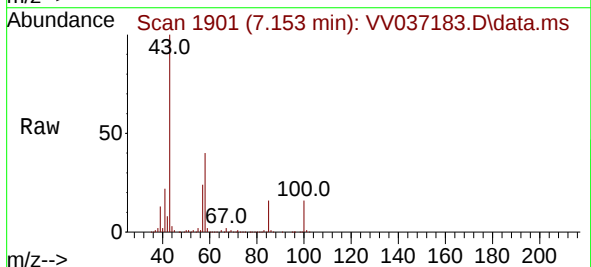
Instrument :
 MSVOA_V
 ClientSampleId :

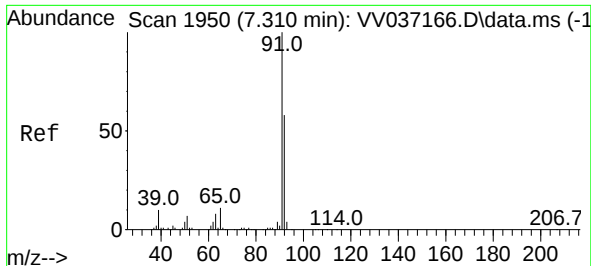
Tgt Ion: 75 Resp: 381119
 Ion Ratio Lower Upper
 75 100
 77 30.9 21.7 40.3



#40
 4-Methyl-2-pentanone
 Concen: 86.185 ug/L
 RT: 7.153 min Scan# 1901
 Delta R.T. -0.006 min
 Lab File: VV037183.D
 Acq: 30 Aug 2024 08:40

Tgt Ion: 43 Resp: 415037
 Ion Ratio Lower Upper
 43 100
 58 39.0 32.0 48.0
 100 15.4 12.4 18.6





#42

Toluene

Concen: 51.958 ug/L

RT: 7.307 min Scan# 1949

Delta R.T. -0.003 min

Lab File: VV037183.D

Acq: 30 Aug 2024 08:40

Instrument :

MSVOA_V

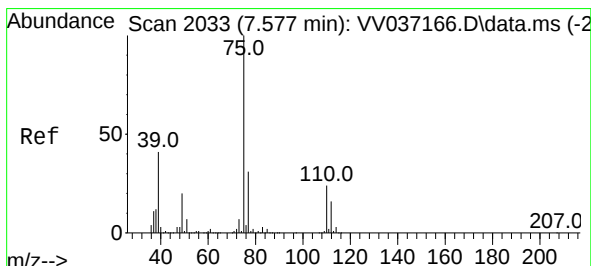
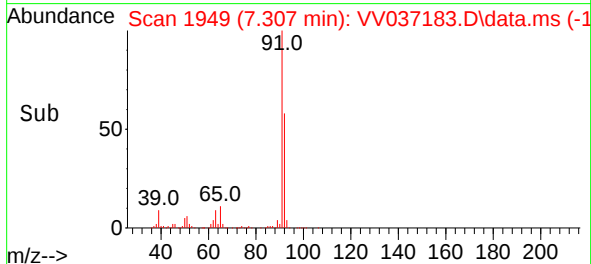
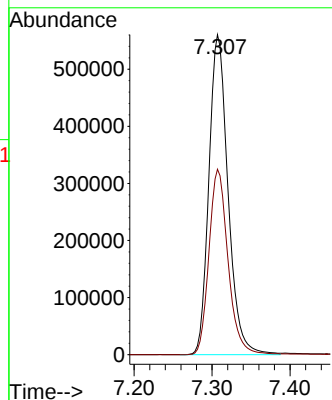
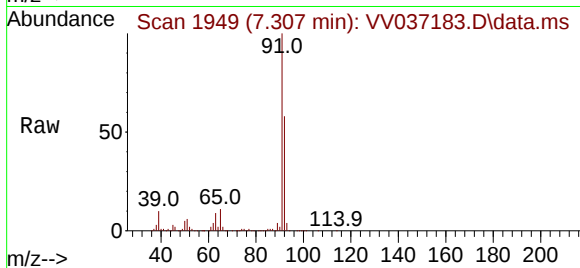
ClientSampleId :

Tgt Ion: 91 Resp: 955839

Ion Ratio Lower Upper

91 100

92 57.9 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 49.995 ug/L

RT: 7.574 min Scan# 2032

Delta R.T. -0.003 min

Lab File: VV037183.D

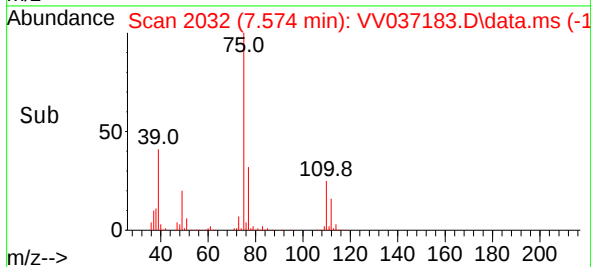
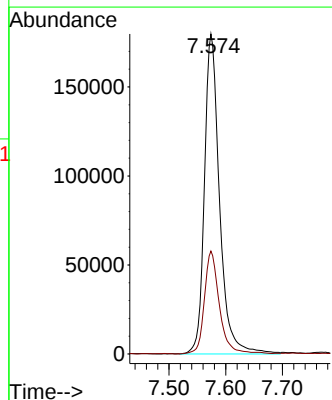
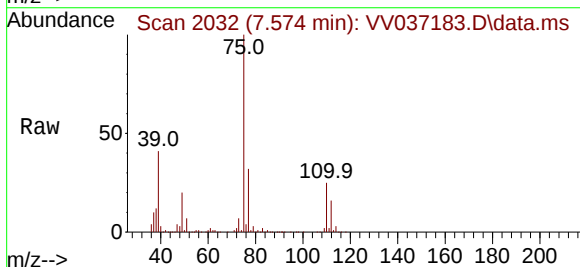
Acq: 30 Aug 2024 08:40

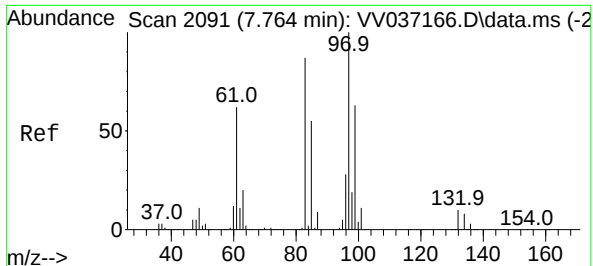
Tgt Ion: 75 Resp: 334041

Ion Ratio Lower Upper

75 100

77 32.2 22.0 40.8

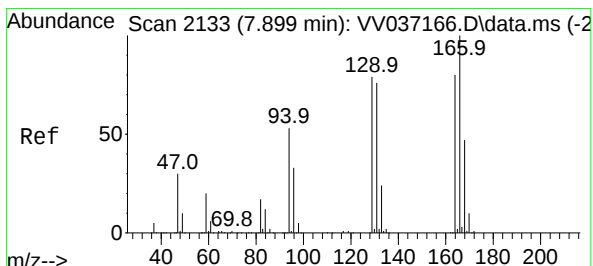
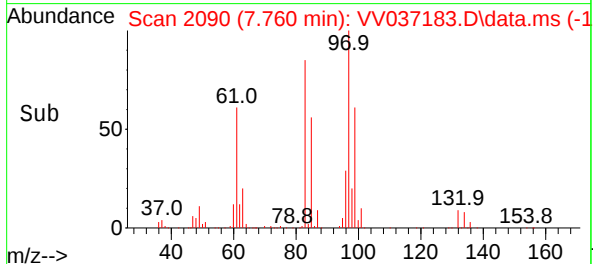
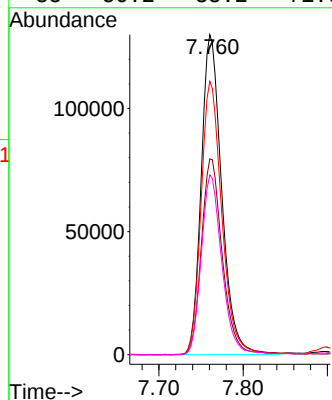
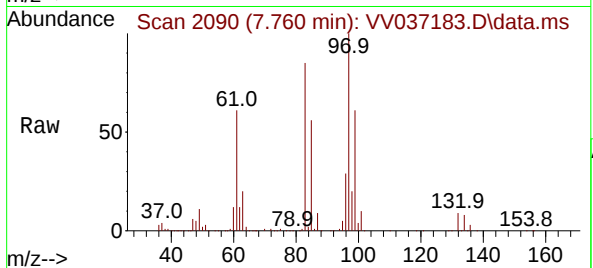




#45
1,1,2-Trichloroethane
Concen: 49.907 ug/L
RT: 7.760 min Scan# 2091
Delta R.T. -0.003 min
Lab File: VV037183.D
Acq: 30 Aug 2024 08:40

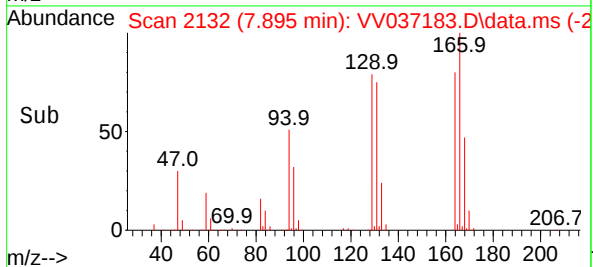
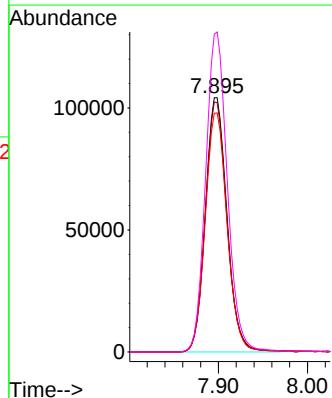
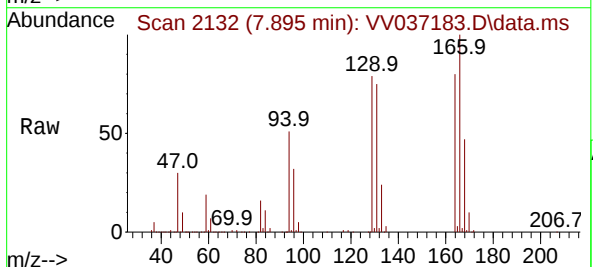
Instrument :
MSVOA_V
ClientSampleId :

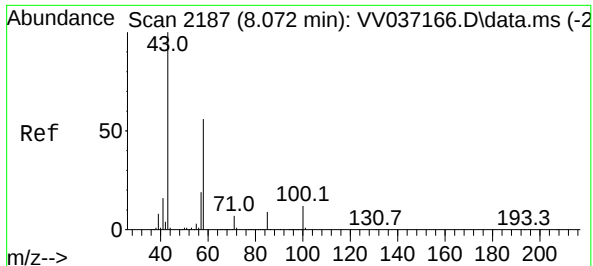
Tgt Ion:	97	Resp:	220062
Ion	Ratio	Lower	Upper
97	100		
99	61.2	42.6	79.0
83	85.4	60.5	112.3
85	56.2	38.2	71.0



#46
Tetrachloroethene
Concen: 52.557 ug/L
RT: 7.895 min Scan# 2132
Delta R.T. -0.003 min
Lab File: VV037183.D
Acq: 30 Aug 2024 08:40

Tgt Ion:	164	Resp:	175861
Ion	Ratio	Lower	Upper
164	100		
129	98.3	67.1	124.7
131	93.9	67.0	124.4
166	125.0	86.2	160.2





#48

2-Hexanone

Concen: 84.241 ug/L

RT: 8.069 min Scan# 2186

Delta R.T. -0.003 min

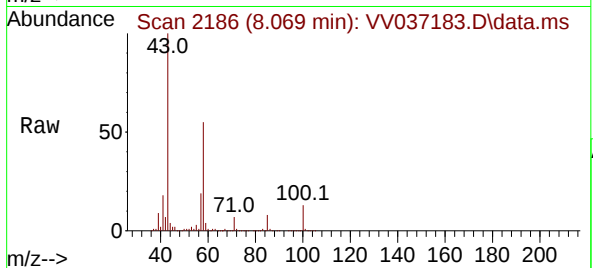
Lab File: VV037183.D

Acq: 30 Aug 2024 08:40

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 43 Resp: 313740

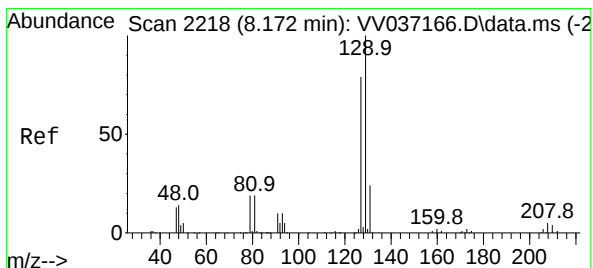
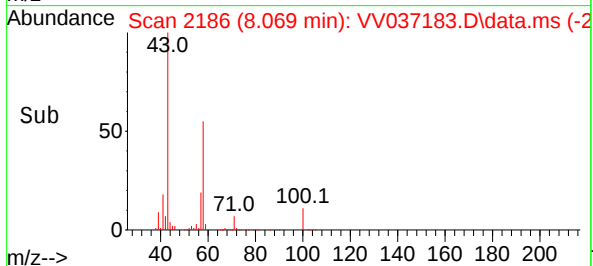
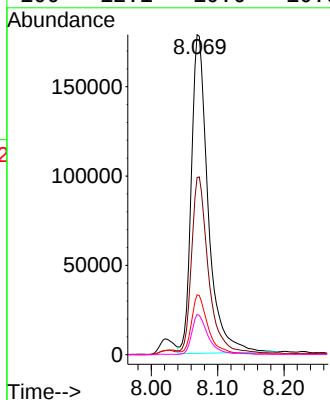
Ion Ratio Lower Upper

43 100

58 56.9 46.0 69.0

57 17.8 15.6 23.4

100 12.1 10.6 16.0



#49

Dibromochloromethane

Concen: 50.263 ug/L

RT: 8.169 min Scan# 2217

Delta R.T. -0.003 min

Lab File: VV037183.D

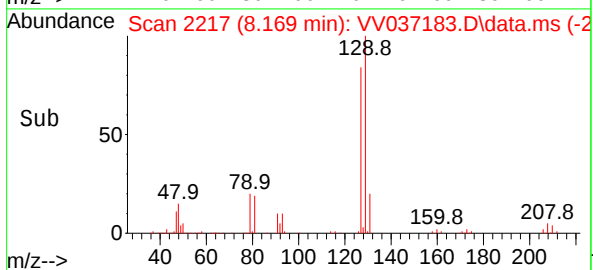
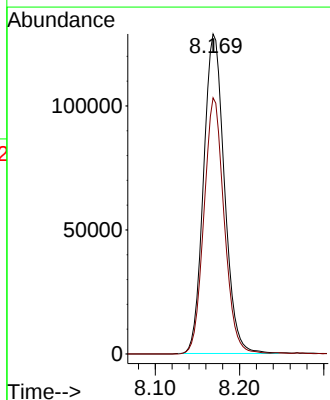
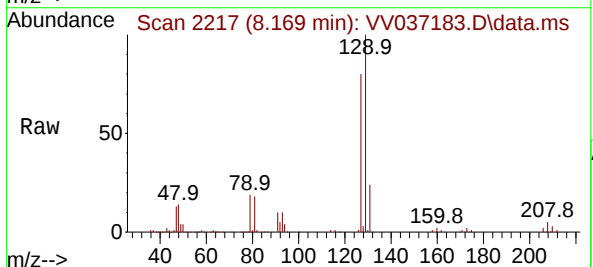
Acq: 30 Aug 2024 08:40

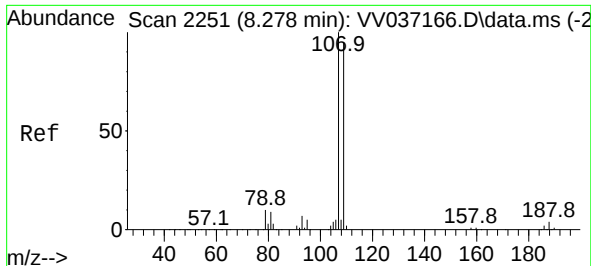
Tgt Ion: 129 Resp: 221924

Ion Ratio Lower Upper

129 100

127 80.0 54.7 101.7





#50

1,2-Dibromoethane

Concen: 49.168 ug/L

RT: 8.275 min Scan# 21

Delta R.T. -0.003 min

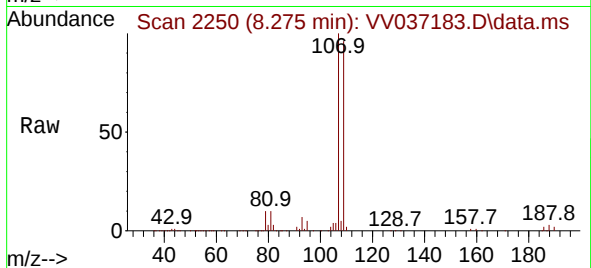
Lab File: VV037183.D

Acq: 30 Aug 2024 08:40

Instrument :

MSVOA_V

ClientSampleId :



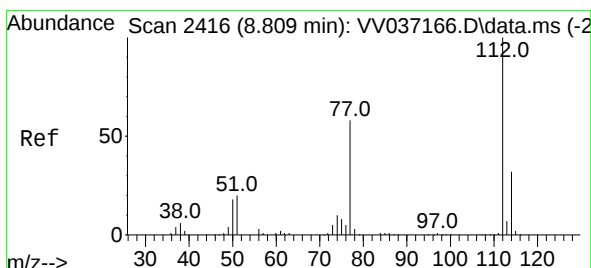
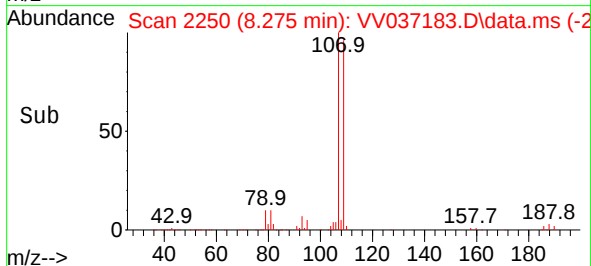
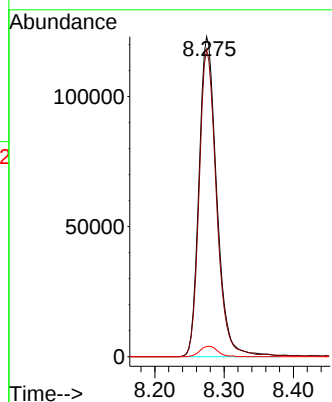
Tgt Ion:107 Resp: 219385

Ion Ratio Lower Upper

107 100

109 95.9 66.6 123.6

188 3.2 2.6 3.8



#51

Chlorobenzene

Concen: 50.911 ug/L

RT: 8.805 min Scan# 2415

Delta R.T. -0.003 min

Lab File: VV037183.D

Acq: 30 Aug 2024 08:40

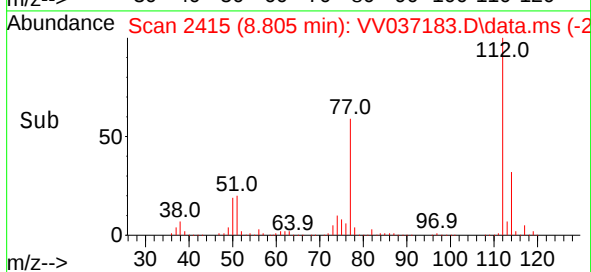
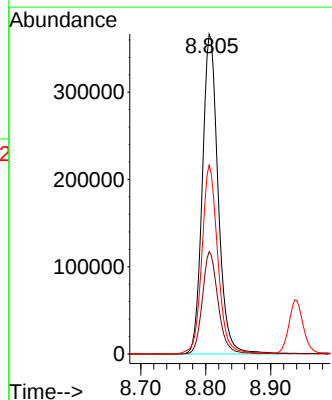
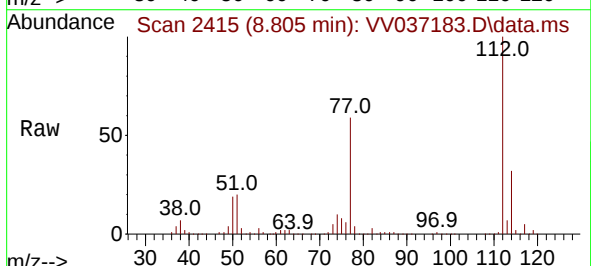
Tgt Ion:112 Resp: 620046

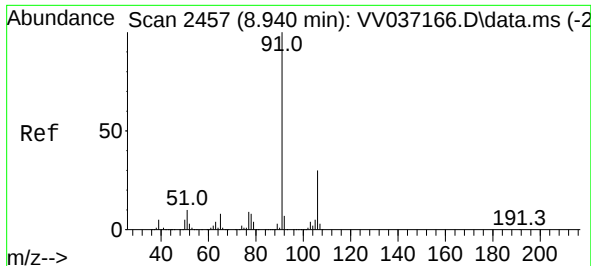
Ion Ratio Lower Upper

112 100

114 31.9 22.3 41.5

77 59.0 47.8 71.8





#52

Ethylbenzene

Concen: 51.814 ug/L

RT: 8.937 min Scan# 2456

Delta R.T. -0.003 min

Lab File: VV037183.D

Acq: 30 Aug 2024 08:40

Instrument :

MSVOA_V

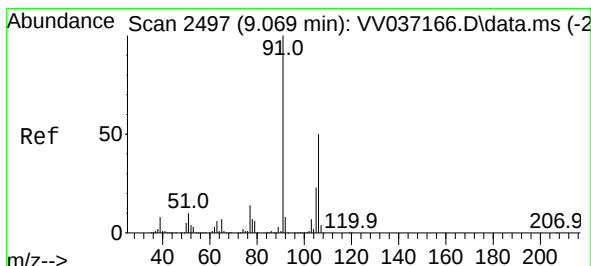
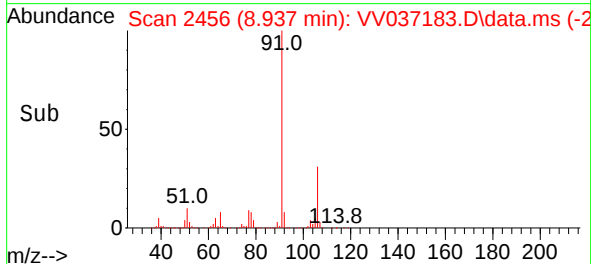
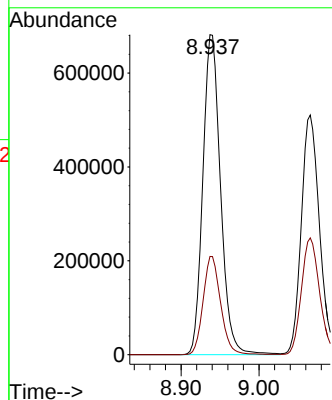
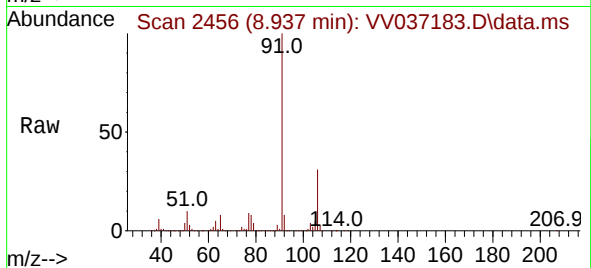
ClientSampleId :

Tgt Ion: 91 Resp: 1076663

Ion Ratio Lower Upper

91 100

106 30.7 21.4 39.8



#53

m,p-Xylene

Concen: 52.595 ug/L

RT: 9.066 min Scan# 2496

Delta R.T. -0.003 min

Lab File: VV037183.D

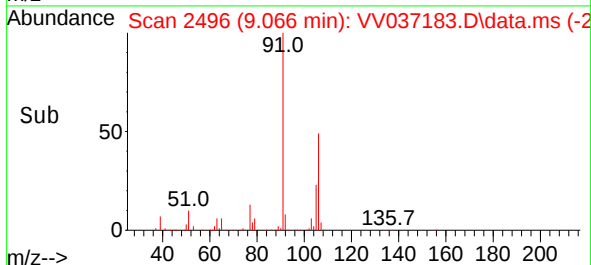
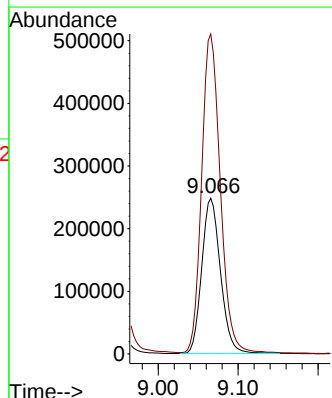
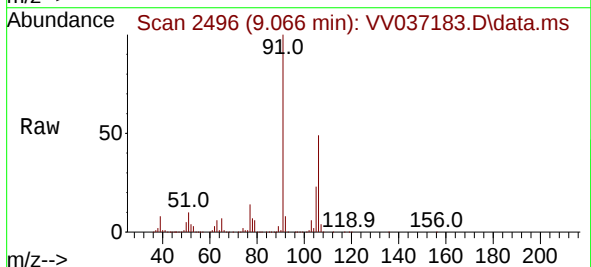
Acq: 30 Aug 2024 08:40

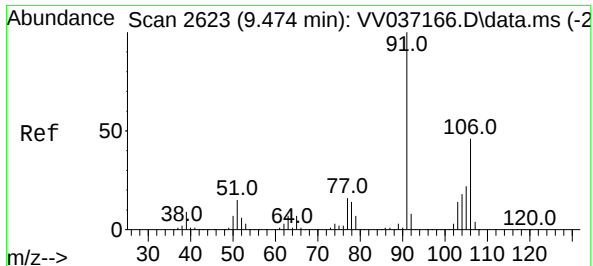
Tgt Ion:106 Resp: 404927

Ion Ratio Lower Upper

106 100

91 205.2 143.0 265.6





#54

o-Xylene

Concen: 51.844 ug/L

RT: 9.471 min Scan# 2

Delta R.T. -0.003 min

Lab File: VV037183.D

Acq: 30 Aug 2024 08:40

Instrument :

MSVOA_V

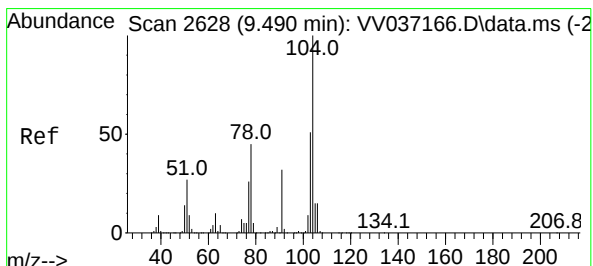
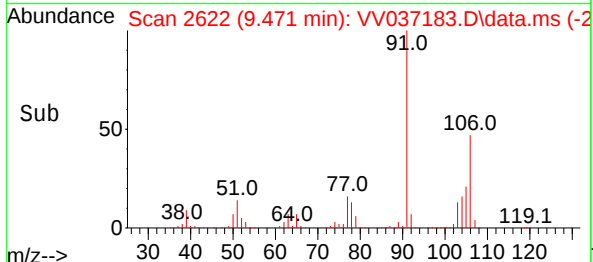
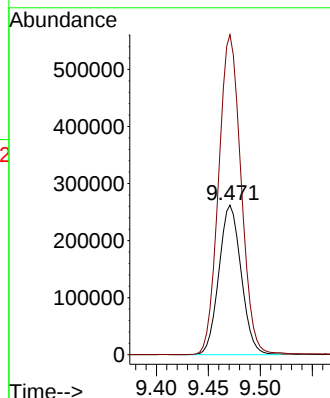
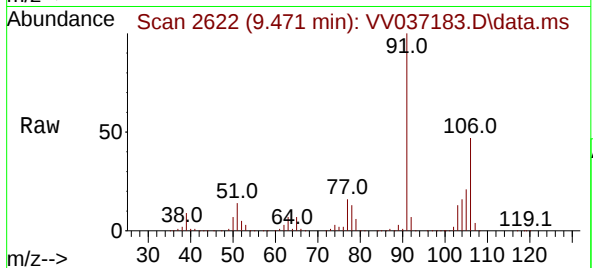
ClientSampleId :

Tgt Ion:106 Resp: 390811

Ion Ratio Lower Upper

106 100

91 213.9 153.2 284.6



#55

Styrene

Concen: 52.425 ug/L

RT: 9.487 min Scan# 2627

Delta R.T. -0.003 min

Lab File: VV037183.D

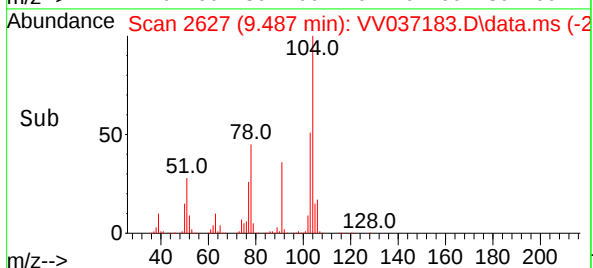
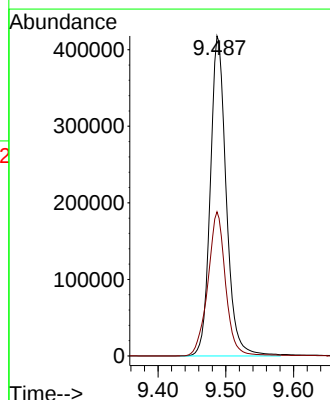
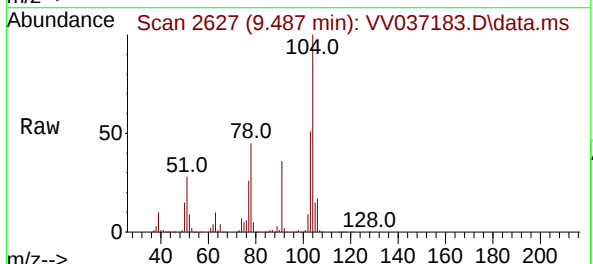
Acq: 30 Aug 2024 08:40

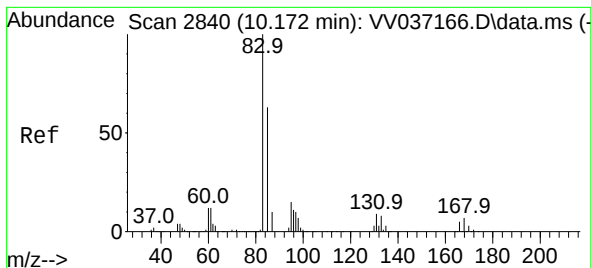
Tgt Ion:104 Resp: 685721

Ion Ratio Lower Upper

104 100

78 45.0 30.9 57.5

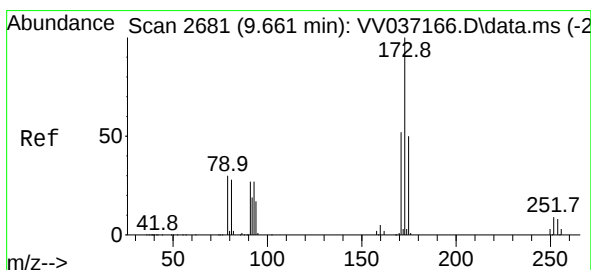
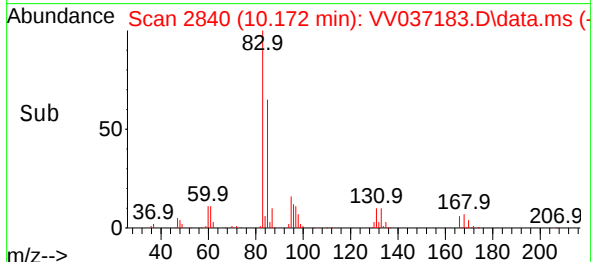
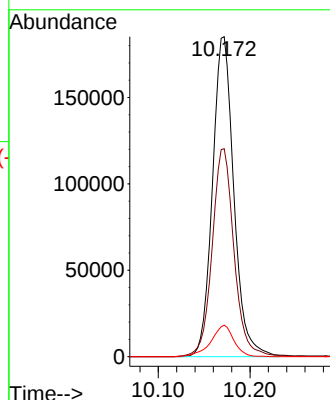
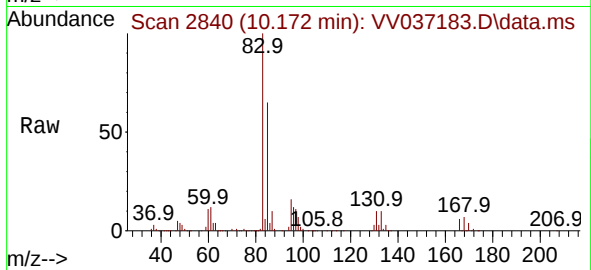




#57
1,1,2,2-Tetrachloroethane
Concen: 45.945 ug/L
RT: 10.172 min Scan# 2840
Delta R.T. -0.000 min
Lab File: VV037183.D
Acq: 30 Aug 2024 08:40

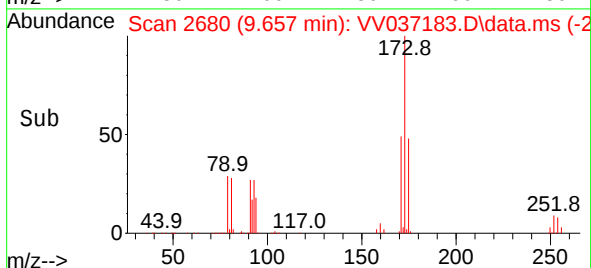
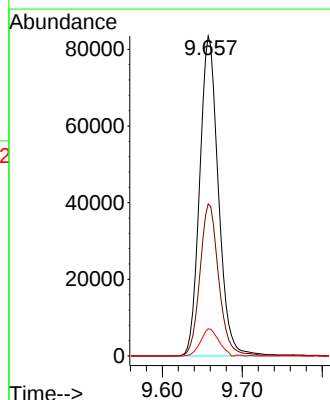
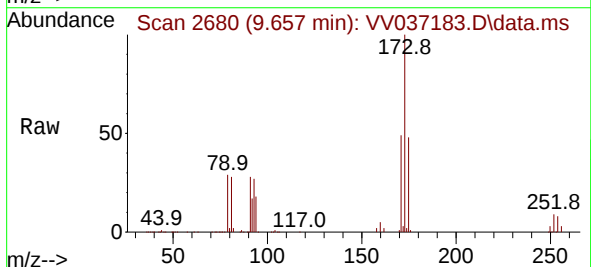
Instrument :
MSVOA_V
ClientSampleId :

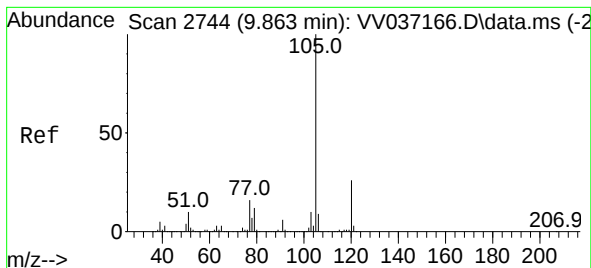
Tgt Ion: 83 Resp: 300046
Ion Ratio Lower Upper
83 100
85 65.0 45.1 83.7
131 9.8 7.4 11.0



#59
Bromoform
Concen: 45.745 ug/L
RT: 9.657 min Scan# 2680
Delta R.T. -0.003 min
Lab File: VV037183.D
Acq: 30 Aug 2024 08:40

Tgt Ion: 173 Resp: 135971
Ion Ratio Lower Upper
173 100
175 47.6 38.7 58.1
254 8.2 6.8 10.2





#60

Isopropylbenzene

Concen: 51.492 ug/L

RT: 9.860 min Scan# 21

Delta R.T. -0.003 min

Lab File: VV037183.D

Acq: 30 Aug 2024 08:40

Instrument :

MSVOA_V

ClientSampleId :

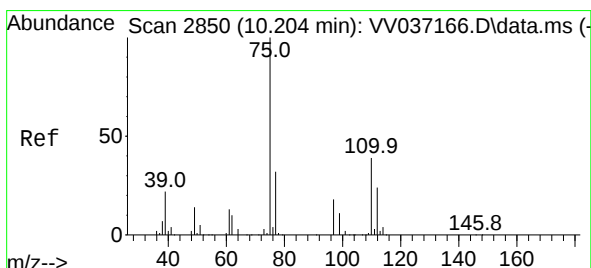
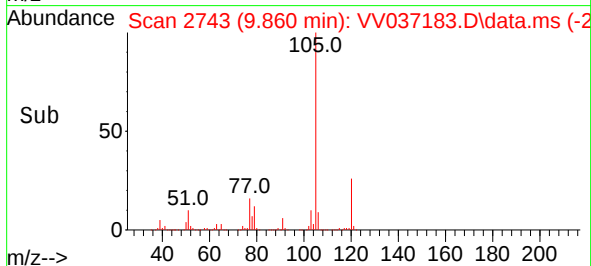
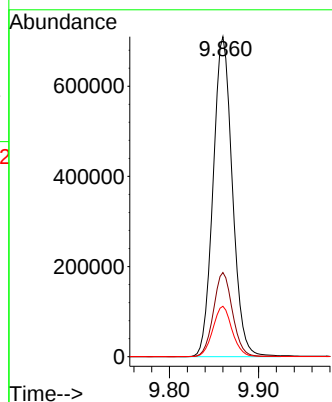
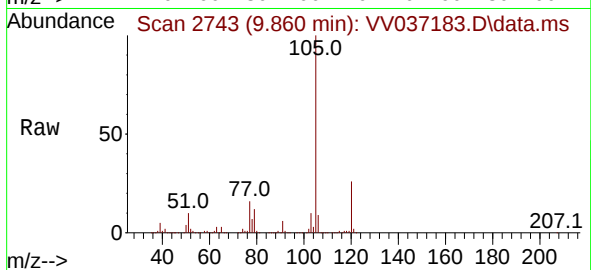
Tgt Ion:105 Resp: 1065548

Ion Ratio Lower Upper

105 100

120 26.1 20.9 31.3

77 15.6 12.6 19.0



#61

1,2,3-Trichloropropane

Concen: 44.990 ug/L

RT: 10.201 min Scan# 2849

Delta R.T. -0.003 min

Lab File: VV037183.D

Acq: 30 Aug 2024 08:40

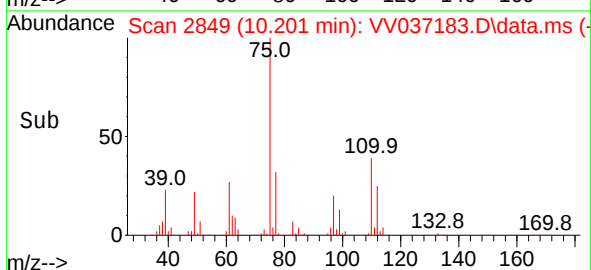
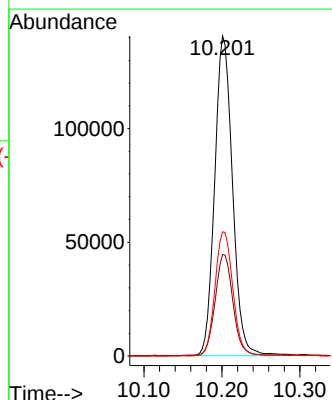
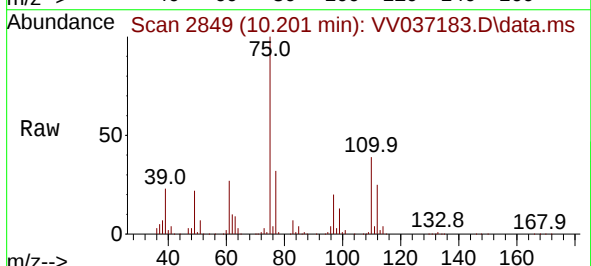
Tgt Ion: 75 Resp: 223400

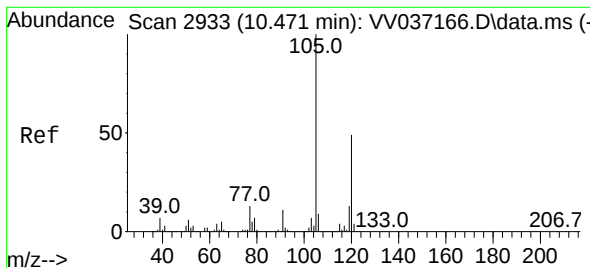
Ion Ratio Lower Upper

75 100

77 31.3 25.2 37.8

110 39.1 31.1 46.7





#62

1,3,5-Trimethylbenzene

Concen: 51.273 ug/L

RT: 10.468 min Scan# 2933

Delta R.T. -0.003 min

Lab File: VV037183.D

Acq: 30 Aug 2024 08:40

Instrument :

MSVOA_V

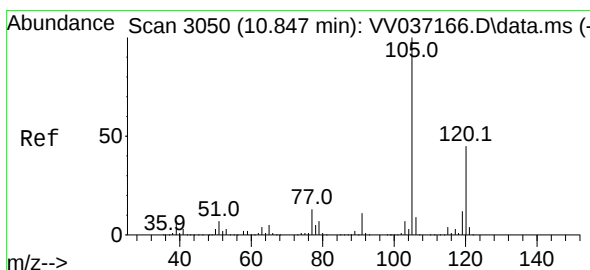
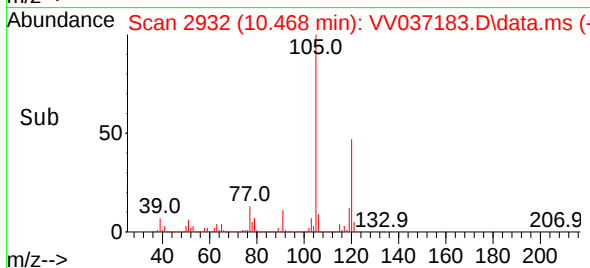
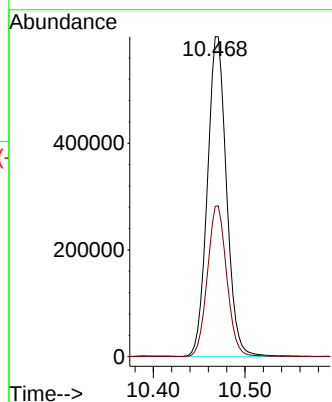
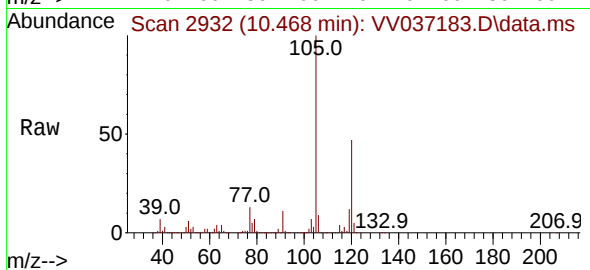
ClientSampleId :

Tgt Ion:105 Resp: 868084

Ion Ratio Lower Upper

105 100

120 47.7 38.3 57.5



#63

1,2,4-Trimethylbenzene

Concen: 50.998 ug/L

RT: 10.844 min Scan# 3049

Delta R.T. -0.003 min

Lab File: VV037183.D

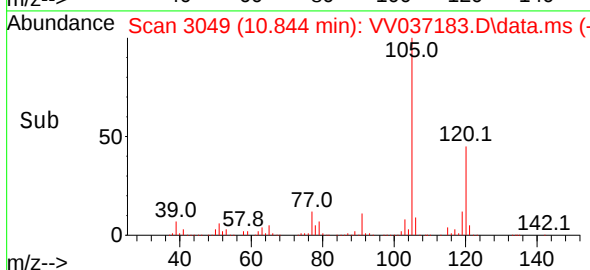
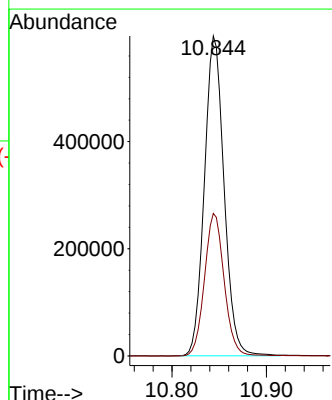
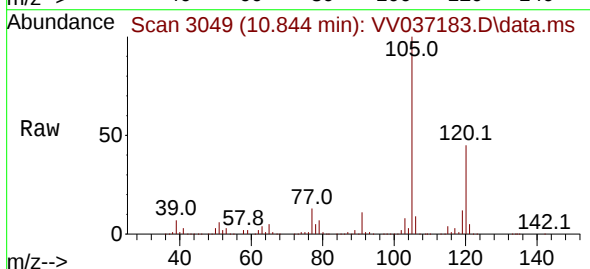
Acq: 30 Aug 2024 08:40

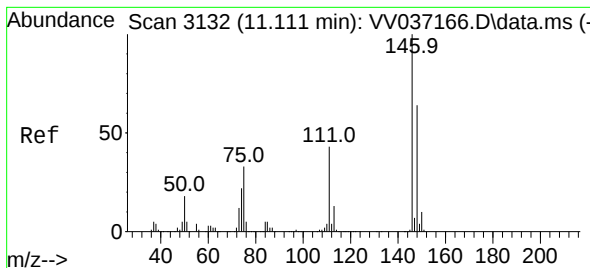
Tgt Ion:105 Resp: 861664

Ion Ratio Lower Upper

105 100

120 44.5 35.8 53.6





#64

1,3-Dichlorobenzene

Concen: 49.891 ug/L

RT: 11.111 min Scan# 3132

Delta R.T. -0.000 min

Lab File: VV037183.D

Acq: 30 Aug 2024 08:40

Instrument :

MSVOA_V

ClientSampleId :

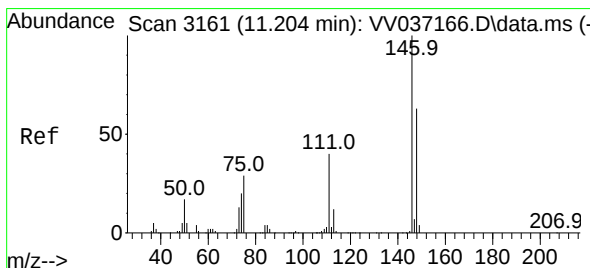
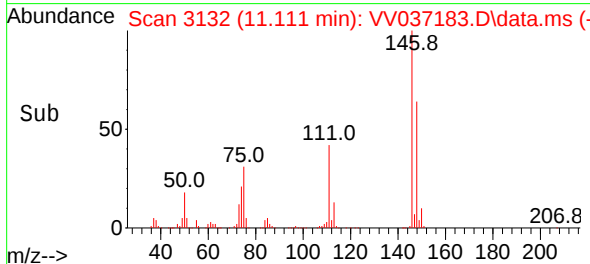
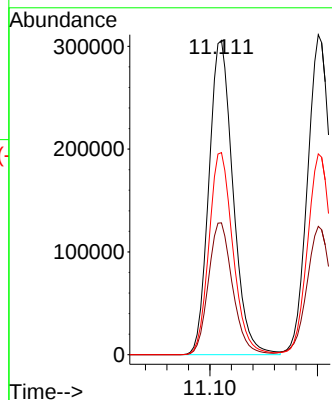
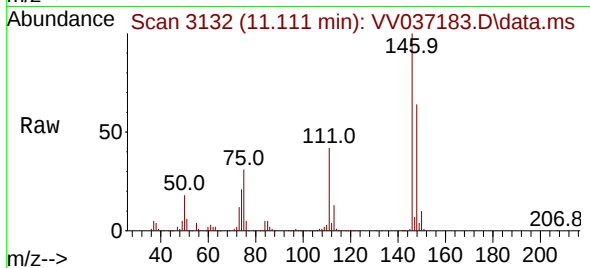
Tgt Ion:146 Resp: 476733

Ion Ratio Lower Upper

146 100

111 42.0 29.7 55.1

148 64.3 44.8 83.2



#65

1,4-Dichlorobenzene

Concen: 50.477 ug/L

RT: 11.201 min Scan# 3160

Delta R.T. -0.003 min

Lab File: VV037183.D

Acq: 30 Aug 2024 08:40

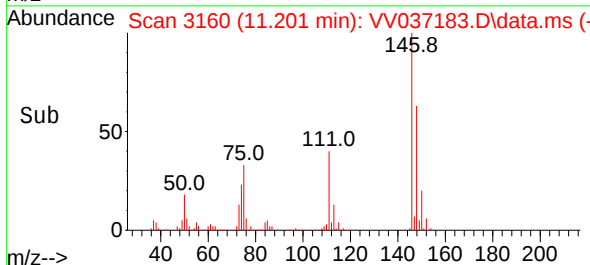
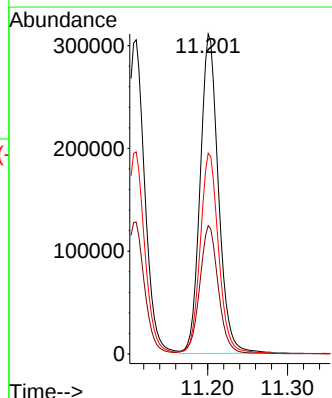
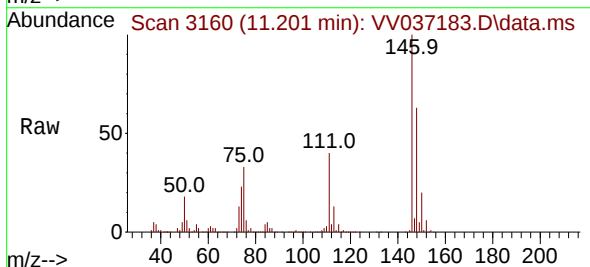
Tgt Ion:146 Resp: 493665

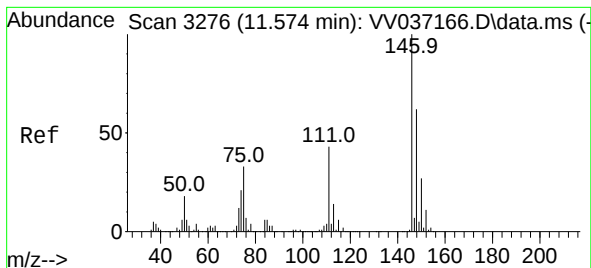
Ion Ratio Lower Upper

146 100

111 40.1 28.1 52.1

148 62.7 44.2 82.0





#67

1,2-Dichlorobenzene

Concen: 49.740 ug/L

RT: 11.570 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV037183.D

Acq: 30 Aug 2024 08:40

Instrument :

MSVOA_V

ClientSampleId :

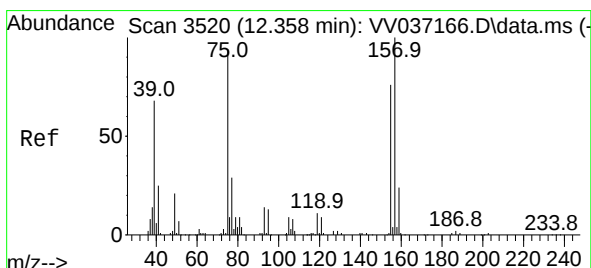
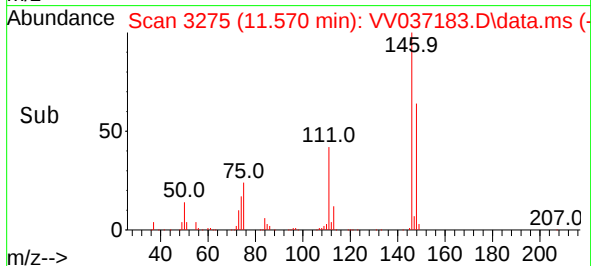
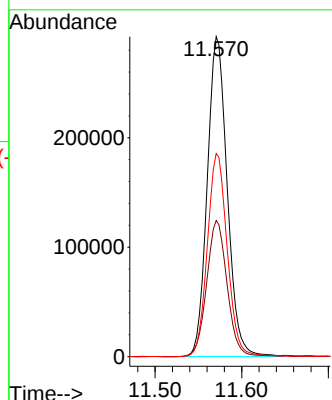
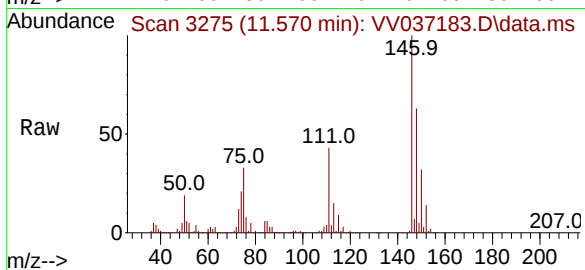
Tgt Ion:146 Resp: 467338

Ion Ratio Lower Upper

146 100

111 42.5 34.6 51.8

148 63.5 50.2 75.4



#68

1,2-Dibromo-3-chloropropane

Concen: 40.972 ug/L

RT: 12.358 min Scan# 3520

Delta R.T. -0.000 min

Lab File: VV037183.D

Acq: 30 Aug 2024 08:40

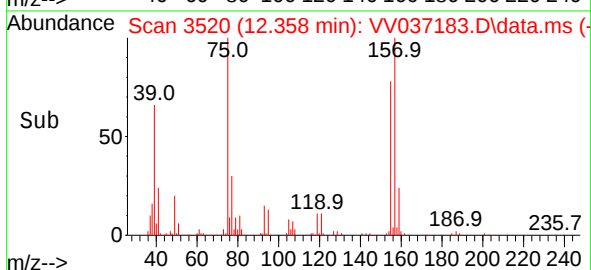
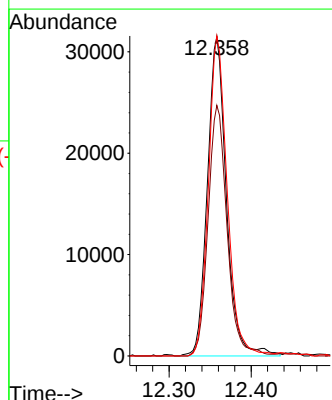
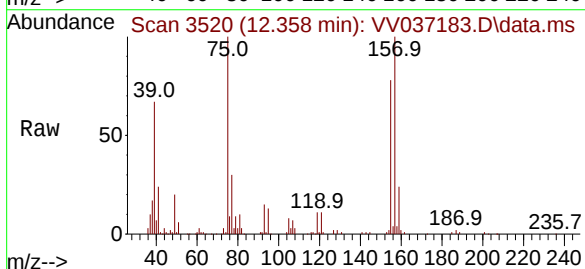
Tgt Ion: 75 Resp: 50737

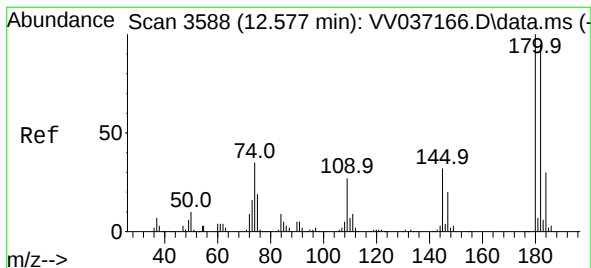
Ion Ratio Lower Upper

75 100

155 78.4 61.8 92.6

157 100.2 82.5 123.7





#69

1,3,5-Trichlorobenzene

Concen: 50.024 ug/L

RT: 12.574 min Scan# 3587

Delta R.T. -0.003 min

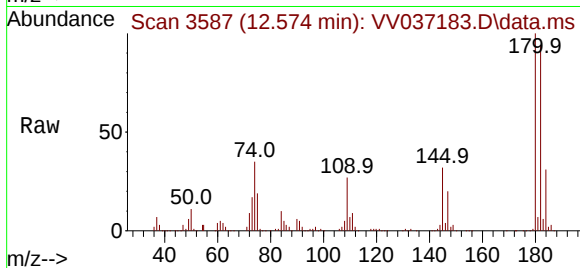
Lab File: VV037183.D

Acq: 30 Aug 2024 08:40

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 332599

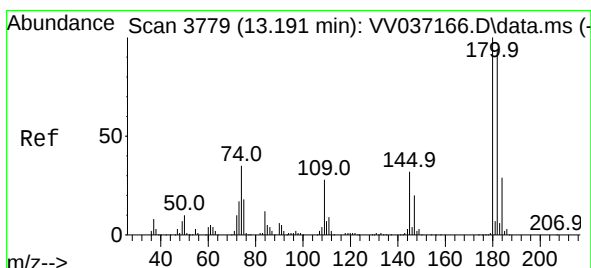
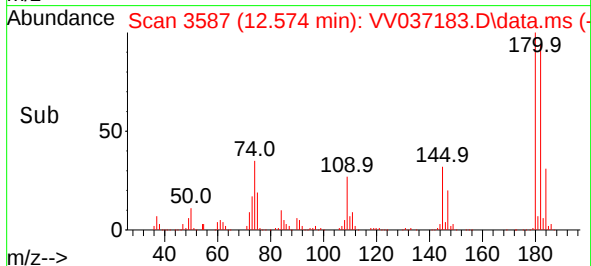
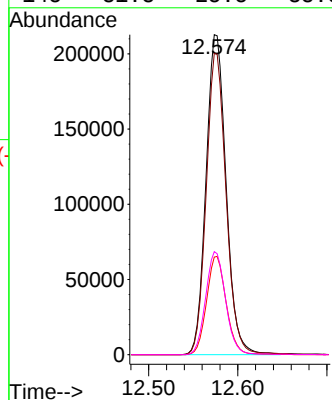
Ion Ratio Lower Upper

180 100

182 92.8 76.7 115.1

184 29.9 24.2 36.2

145 31.8 25.5 38.3



#70

1,2,4-trichlorobenzene

Concen: 48.217 ug/L

RT: 13.191 min Scan# 3779

Delta R.T. -0.000 min

Lab File: VV037183.D

Acq: 30 Aug 2024 08:40

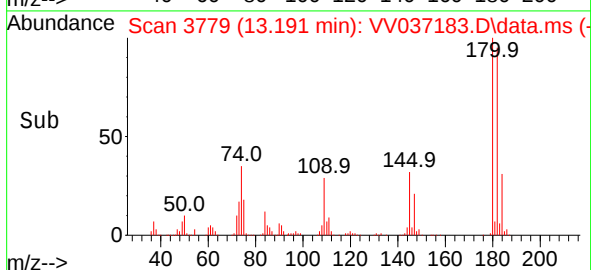
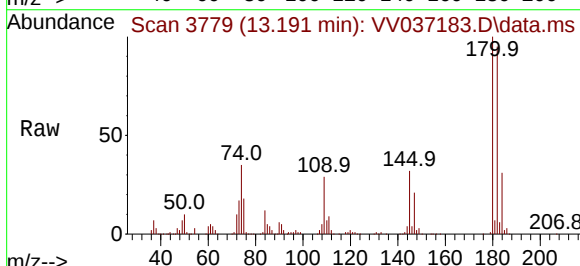
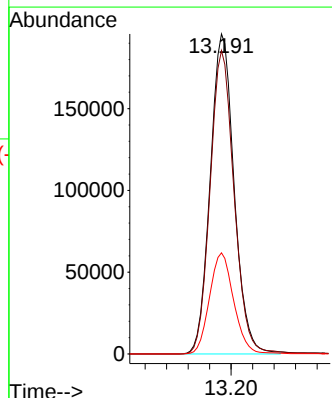
Tgt Ion:180 Resp: 301880

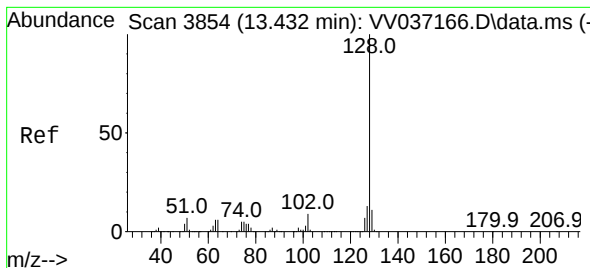
Ion Ratio Lower Upper

180 100

182 95.2 75.7 113.5

145 32.0 26.0 39.0





#71

Naphthalene

Concen: 43.490 ug/L

RT: 13.432 min Scan# 3854

Delta R.T. -0.000 min

Lab File: VV037183.D

Acq: 30 Aug 2024 08:40

Instrument :

MSVOA_V

ClientSampleId :

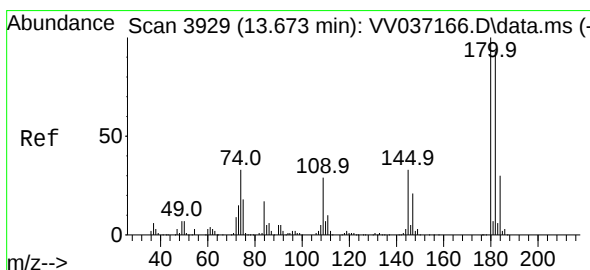
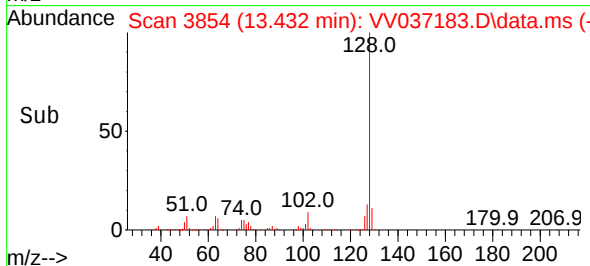
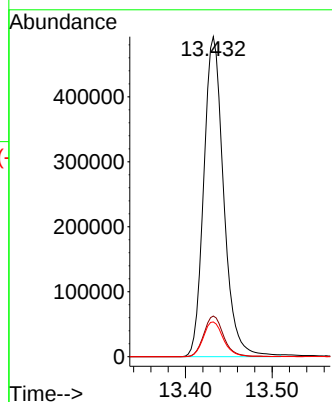
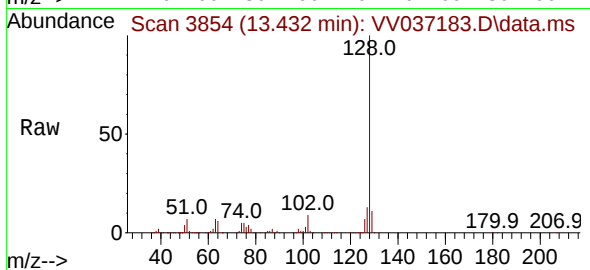
Tgt Ion:128 Resp: 786244

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.2

129 10.9 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 47.948 ug/L

RT: 13.673 min Scan# 3929

Delta R.T. -0.000 min

Lab File: VV037183.D

Acq: 30 Aug 2024 08:40

Tgt Ion:180 Resp: 295831

Ion Ratio Lower Upper

180 100

182 94.0 75.1 112.7

145 33.7 27.0 40.4

