

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV051324\
 Data File : VV035593.D
 Acq On : 13 May 2024 11:35
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 14 01:25:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050124WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue May 14 01:24:59 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	405693	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	420179	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	223079	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	117859	37.677	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.360%
7) Chloroethane-d5	1.526	69	109189	47.366	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.740%
11) 1,1-Dichloroethene-d2	2.056	65	53416	39.780	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.560%
21) 2-Butanone-d5	3.783	46	216654	102.623	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.620%
24) Chloroform-d	4.246	84	291308	50.770	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.540%
26) 1,2-Dichloroethane-d4	4.937	65	182452	53.996	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.000%
32) Benzene-d6	4.957	84	540275	45.681	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.360%
36) 1,2-Dichloropropane-d6	5.985	67	179494	48.675	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.340%
41) Toluene-d8	7.239	98	489280	45.449	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.900%
43) trans-1,3-Dichloroprop...	7.551	79	85337	47.481	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.960%
47) 2-Hexanone-d5	8.021	63	161100	95.067	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.070%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	269279	47.922	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.840%
66) 1,2-Dichlorobenzene-d4	11.558	152	200064	45.140	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.280%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	118402	43.564	ug/L	99
3) Chloromethane	1.217	50	139336	47.323	ug/L	100
5) Vinyl chloride	1.281	62	138205	44.572	ug/L	100
6) Bromomethane	1.481	94	75186	38.137	ug/L	100
8) Chloroethane	1.542	64	98935	55.495	ug/L	98
9) Trichlorofluoromethane	1.709	101	192649	46.182	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	127059	48.054	ug/L	99
12) 1,1-Dichloroethene	2.066	96	111689	47.290	ug/L	87
13) Acetone	2.114	43	193951	99.235	ug/L	99
14) Carbon disulfide	2.236	76	267689	43.144	ug/L	99
15) Methyl Acetate	2.371	43	175814	55.454	ug/L	100
16) Methylene chloride	2.445	84	164942	55.116	ug/L	99
17) trans-1,2-Dichloroethene	2.693	96	123714	49.557	ug/L	98
18) Methyl tert-butyl Ether	2.703	73	513181	58.452	ug/L	99
19) 1,1-Dichloroethane	3.108	63	276407	52.729	ug/L	98
20) cis-1,2-Dichloroethene	3.812	96	159055	53.569	ug/L	98
22) 2-Butanone	3.863	43	237445	102.625	ug/L	99
23) Bromochloromethane	4.143	128	93133	57.354	ug/L	98
25) Chloroform	4.272	83	300601	55.558	ug/L	99

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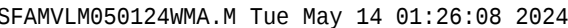
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 ClientSampleId :

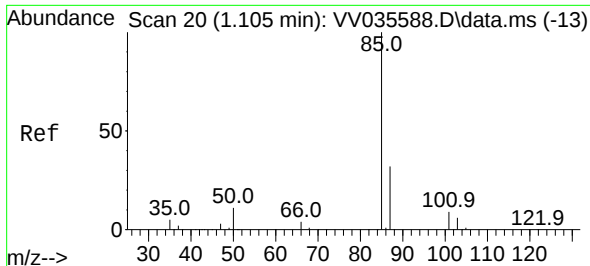
Quant Time: May 14 01:25:59 2024
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 Quant Title : VOC Analysis
 QLast Update : Tue May 14 01:24:59 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	229008	59.141	ug/L	100
29) Cyclohexane	4.580	56	160674	42.829	ug/L	99
30) 1,1,1-Trichloroethane	4.506	97	227344	47.278	ug/L	99
31) Carbon tetrachloride	4.731	117	192607	46.324	ug/L	100
33) Benzene	5.008	78	568279	50.084	ug/L	100
34) Trichloroethene	5.831	95	160573	53.180	ug/L	98
35) Methylcyclohexane	6.047	83	187563	44.033	ug/L	98
37) 1,2-Dichloropropane	6.088	63	167726	53.802	ug/L	99
38) Bromodichloromethane	6.429	83	233872	54.529	ug/L	99
39) cis-1,3-Dichloropropene	6.950	75	258993	52.923	ug/L	99
40) 4-Methyl-2-pentanone	7.153	43	455030	109.347	ug/L	99
42) Toluene	7.313	91	599142	50.333	ug/L	100
44) trans-1,3-Dichloropropene	7.577	75	254569	54.765	ug/L	99
45) 1,1,2-Trichloroethane	7.764	97	189508	56.839	ug/L	99
46) Tetrachloroethene	7.902	164	114278	46.859	ug/L	98
48) 2-Hexanone	8.072	43	358658	105.928	ug/L	98
49) Dibromochloromethane	8.172	129	189074	54.176	ug/L	99
50) 1,2-Dibromoethane	8.278	107	193297	55.492	ug/L	99
51) Chlorobenzene	8.812	112	406889	49.240	ug/L	100
52) Ethylbenzene	8.944	91	621279	48.311	ug/L	99
53) m,p-Xylene	9.069	106	237701	49.825	ug/L	100
54) o-Xylene	9.474	106	240342	49.996	ug/L	98
55) Styrene	9.493	104	445763	53.652	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.175	83	270413	47.402	ug/L	99
59) Bromoform	9.661	173	151470	52.496	ug/L	99
60) Isopropylbenzene	9.863	105	621913	48.277	ug/L	99
61) 1,2,3-Trichloropropane	10.204	75	242040	54.083	ug/L	100
62) 1,3,5-Trimethylbenzene	10.474	105	499257	48.425	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	509192	49.254	ug/L	100
64) 1,3-Dichlorobenzene	11.114	146	332013	49.772	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	337626	47.967	ug/L	99
67) 1,2-Dichlorobenzene	11.574	146	349451	50.072	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.361	75	65970	50.053	ug/L	96
69) 1,3,5-Trichlorobenzene	12.580	180	240114	47.423	ug/L	99
70) 1,2,4-trichlorobenzene	13.194	180	215888	48.401	ug/L	100
71) Naphthalene	13.435	128	641124	51.285	ug/L	99
72) 1,2,3-Trichlorobenzene	13.676	180	245989	53.131	ug/L	99

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

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Response via : Initial Calibration

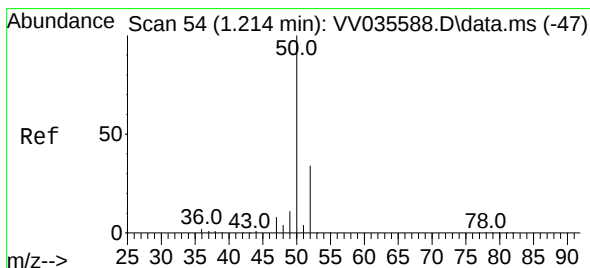
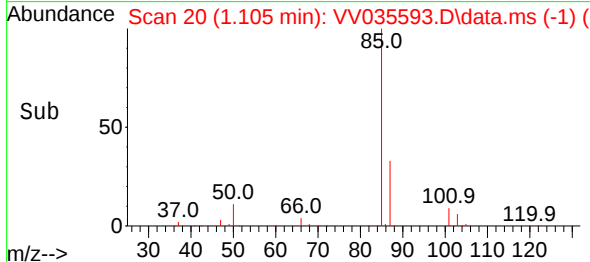
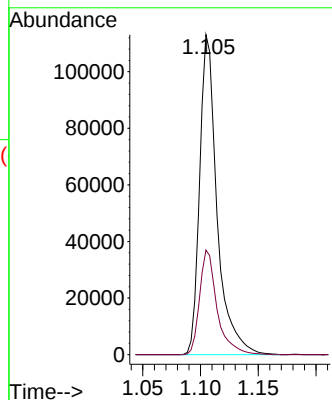
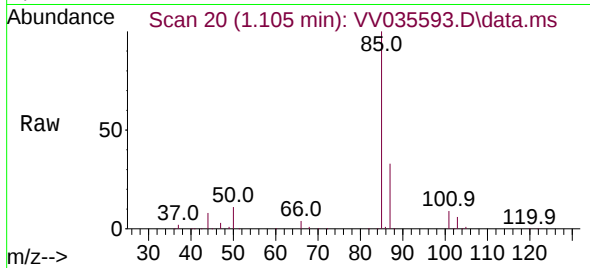




#2
 Dichlorodifluoromethane
 Concen: 43.564 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VV035593.D
 Acq: 13 May 2024 11:35

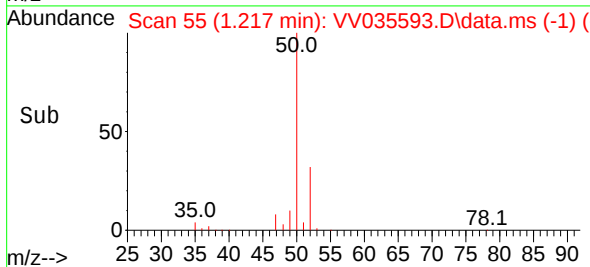
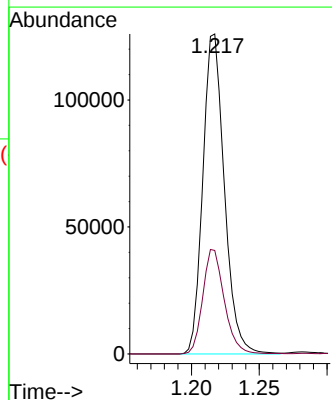
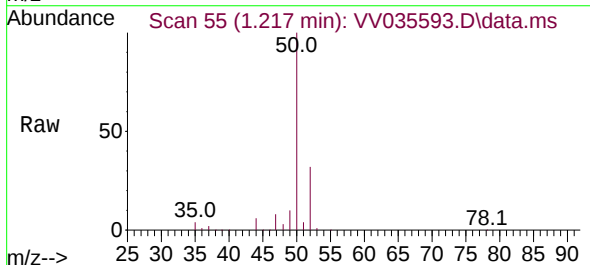
Instrument :
 MSVOA_V
 ClientSampleId :

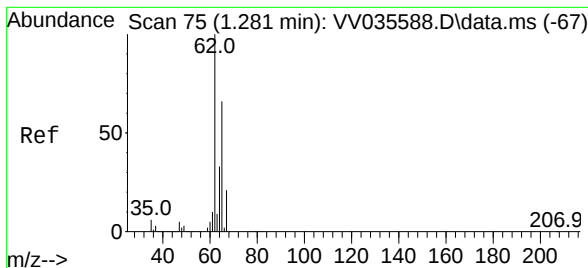
Tgt Ion: 85 Resp: 118402
 Ion Ratio Lower Upper
 85 100
 87 32.9 25.8 38.8



#3
 Chloromethane
 Concen: 47.323 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. 0.003 min
 Lab File: VV035593.D
 Acq: 13 May 2024 11:35

Tgt Ion: 50 Resp: 139336
 Ion Ratio Lower Upper
 50 100
 52 32.3 22.6 42.0





#5

Vinyl chloride

Concen: 44.572 ug/L

RT: 1.281 min Scan# 75

Delta R.T. 0.000 min

Lab File: VV035593.D

Acq: 13 May 2024 11:35

Instrument :

MSVOA_V

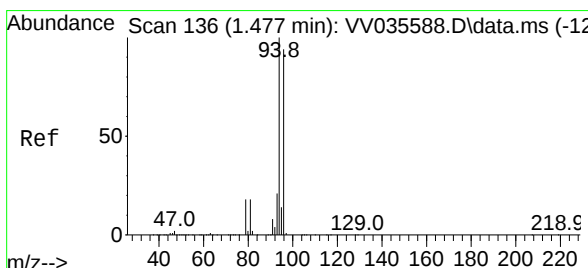
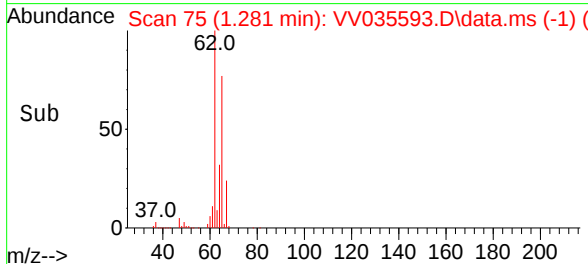
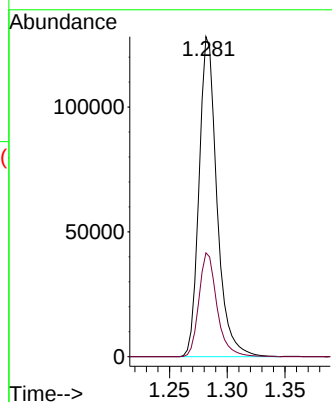
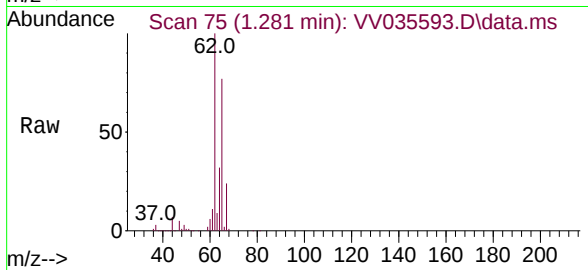
ClientSampleId :

Tgt Ion: 62 Resp: 138205

Ion Ratio Lower Upper

62 100

64 32.5 22.9 42.5



#6

Bromomethane

Concen: 38.137 ug/L

RT: 1.481 min Scan# 137

Delta R.T. 0.003 min

Lab File: VV035593.D

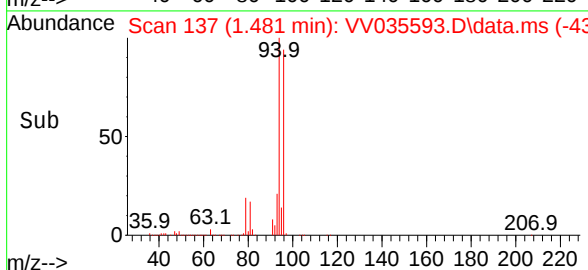
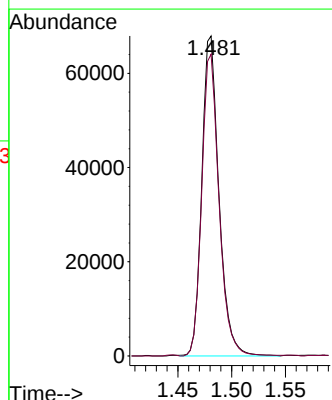
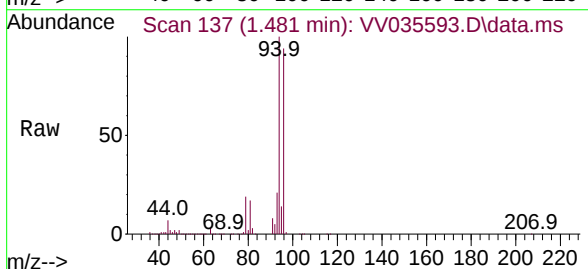
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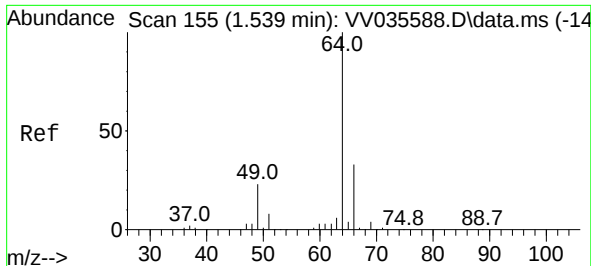
Tgt Ion: 94 Resp: 75186

Ion Ratio Lower Upper

94 100

96 94.3 66.2 123.0

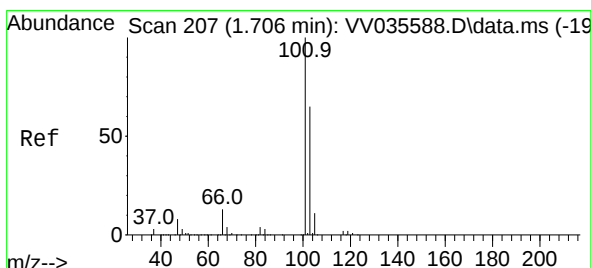
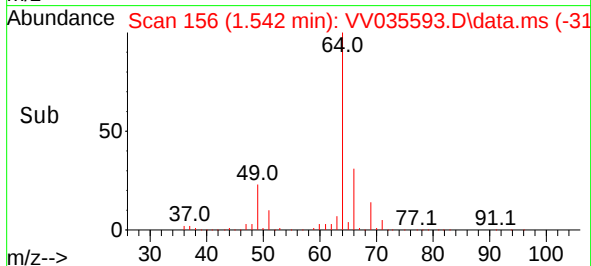
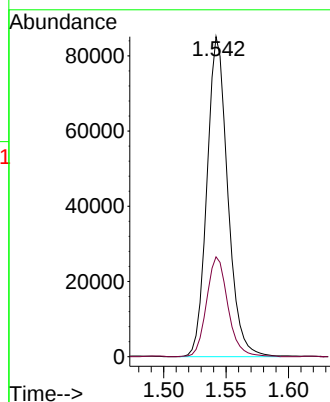
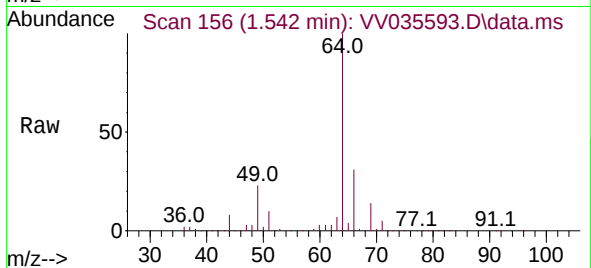




#8
Chloroethane
Concen: 55.495 ug/L
RT: 1.542 min Scan# 156
Delta R.T. 0.003 min
Lab File: VV035593.D
Acq: 13 May 2024 11:35

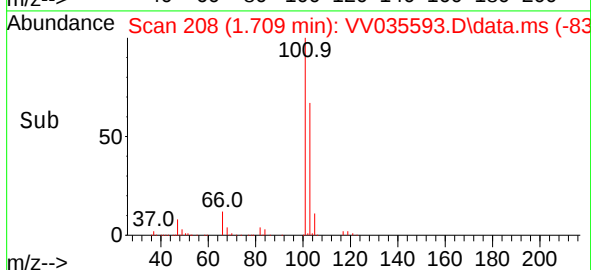
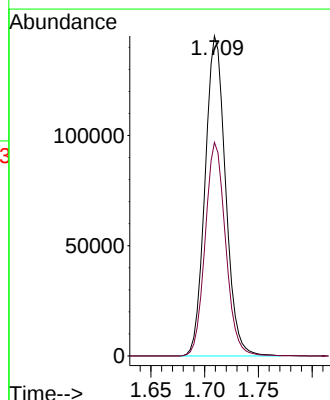
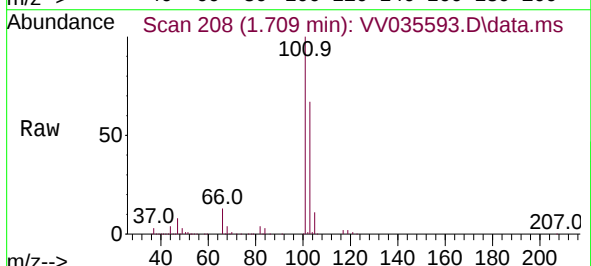
Instrument :
MSVOA_V
ClientSampleId :

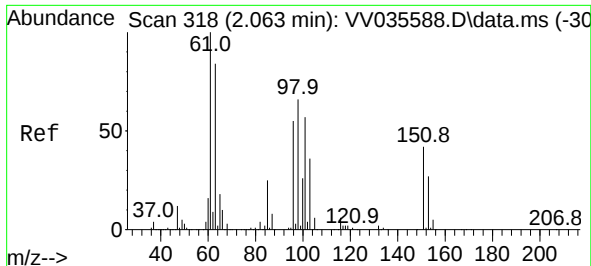
Tgt Ion: 64 Resp: 98935
Ion Ratio Lower Upper
64 100
66 31.2 22.7 42.1



#9
Trichlorofluoromethane
Concen: 46.182 ug/L
RT: 1.709 min Scan# 208
Delta R.T. 0.003 min
Lab File: VV035593.D
Acq: 13 May 2024 11:35

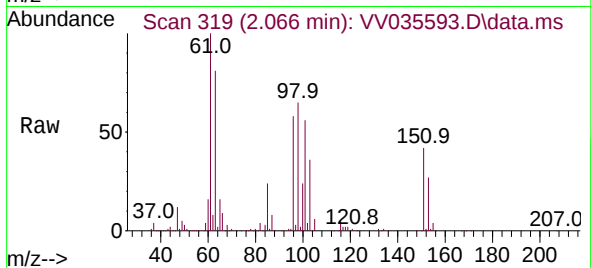
Tgt Ion:101 Resp: 192649
Ion Ratio Lower Upper
101 100
103 66.5 52.0 78.0



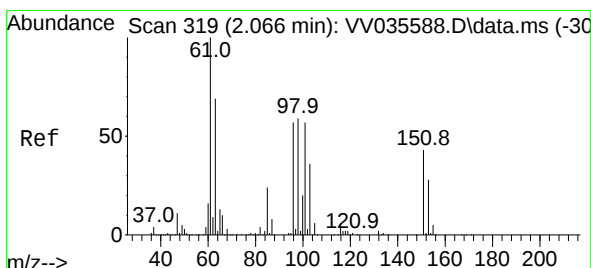
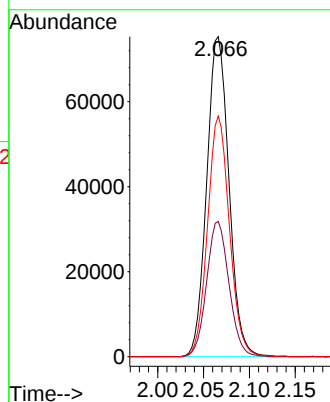
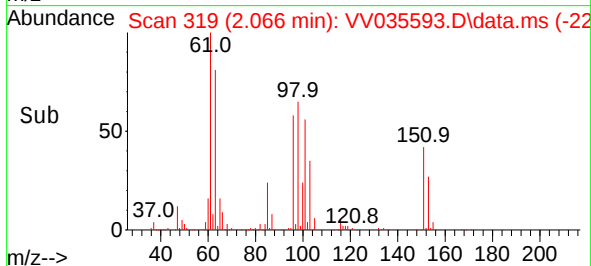


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 48.054 ug/L
RT: 2.066 min Scan# 319
Delta R.T. 0.003 min
Lab File: VV035593.D
Acq: 13 May 2024 11:35

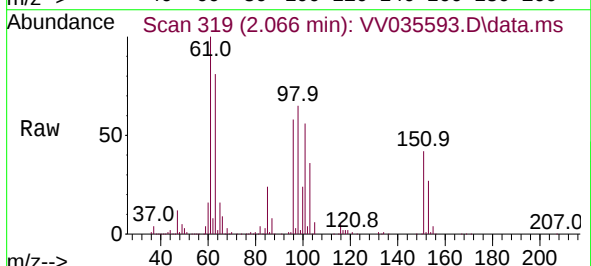
Instrument :
MSVOA_V
ClientSampleId :



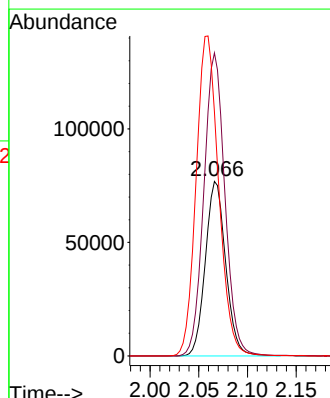
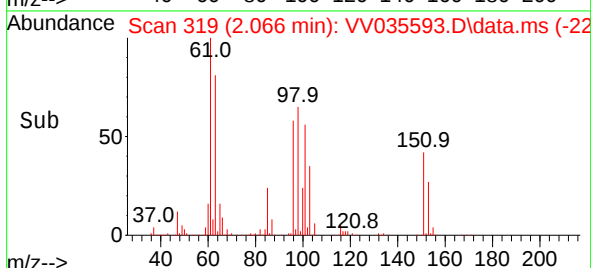
Tgt Ion:101 Resp: 127059
Ion Ratio Lower Upper
101 100
85 42.4 34.4 51.6
151 74.1 60.1 90.1

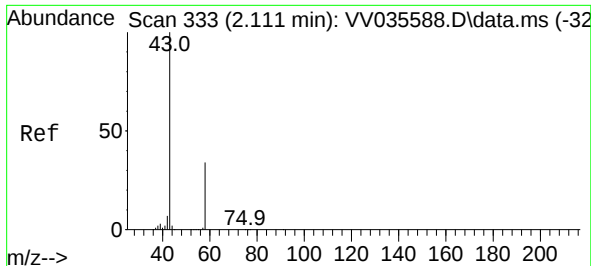


#12
1,1-Dichloroethene
Concen: 47.290 ug/L
RT: 2.066 min Scan# 319
Delta R.T. 0.000 min
Lab File: VV035593.D
Acq: 13 May 2024 11:35



Tgt Ion: 96 Resp: 111689
Ion Ratio Lower Upper
96 100
61 173.6 126.5 234.9
63 139.8 118.1 219.3





#13

Acetone

Concen: 99.235 ug/L

RT: 2.114 min Scan# 333

Delta R.T. 0.003 min

Lab File: VV035593.D

Acq: 13 May 2024 11:35

Instrument :

MSVOA_V

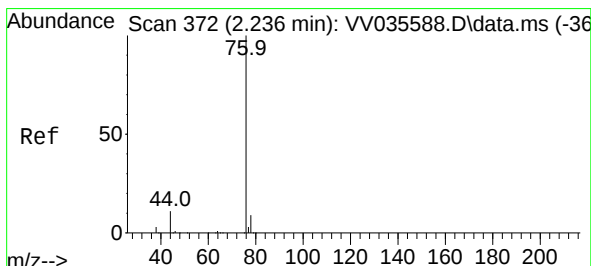
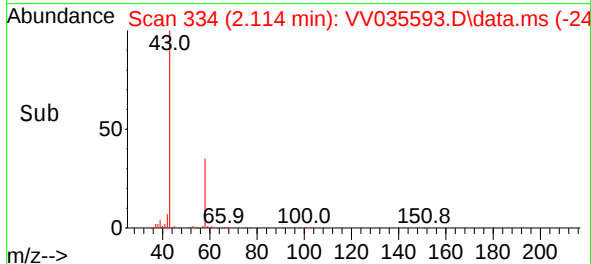
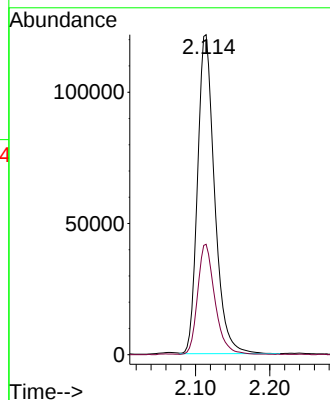
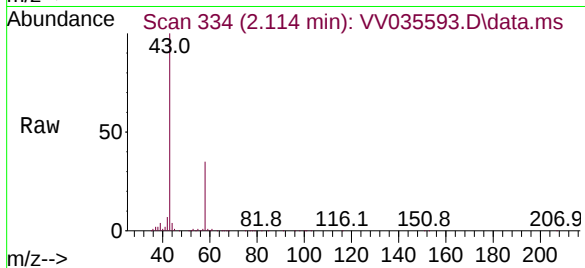
ClientSampleId :

Tgt Ion: 43 Resp: 193951

Ion Ratio Lower Upper

43 100

58 35.0 0.0 68.8



#14

Carbon disulfide

Concen: 43.144 ug/L

RT: 2.236 min Scan# 372

Delta R.T. 0.000 min

Lab File: VV035593.D

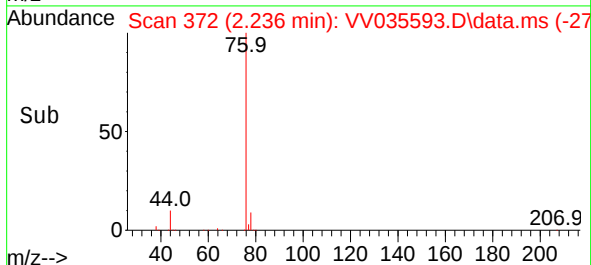
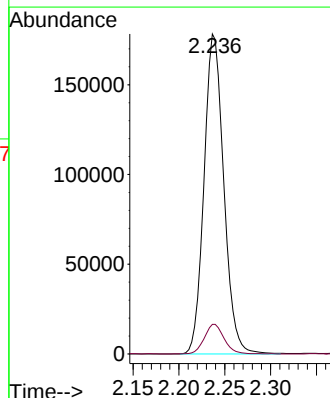
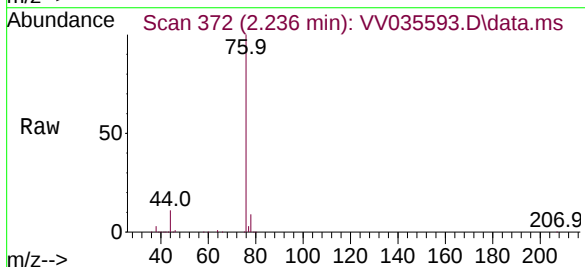
Acq: 13 May 2024 11:35

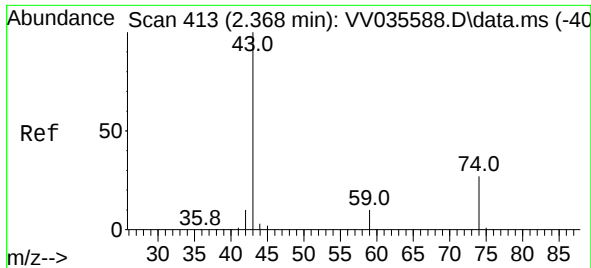
Tgt Ion: 76 Resp: 267689

Ion Ratio Lower Upper

76 100

78 9.3 7.6 11.4

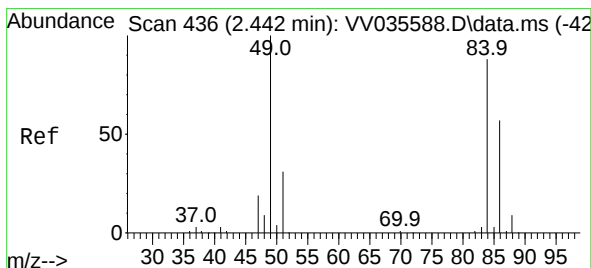
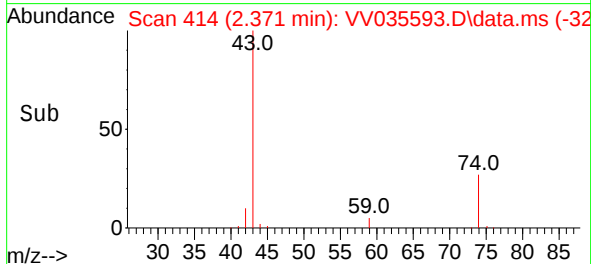
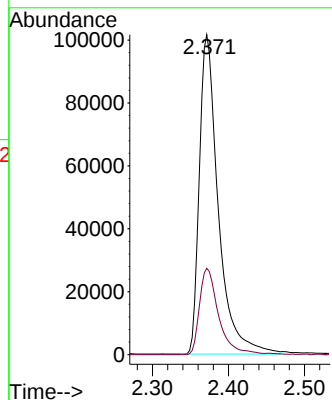
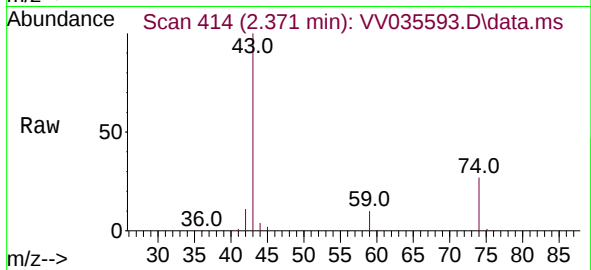




#15
Methyl Acetate
Concen: 55.454 ug/L
RT: 2.371 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV035593.D
Acq: 13 May 2024 11:35

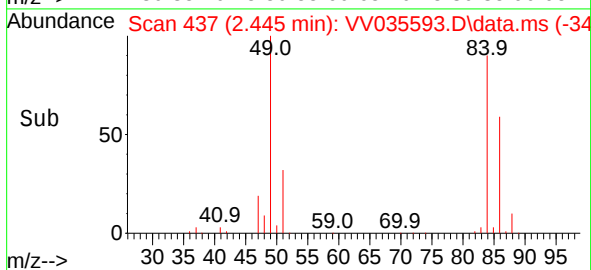
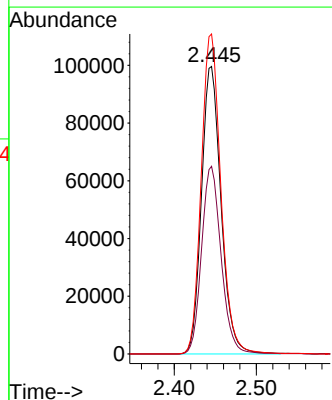
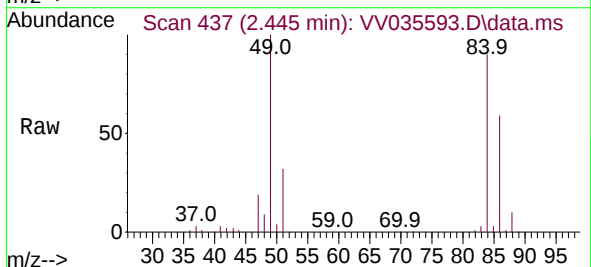
Instrument :
MSVOA_V
ClientSampleId :

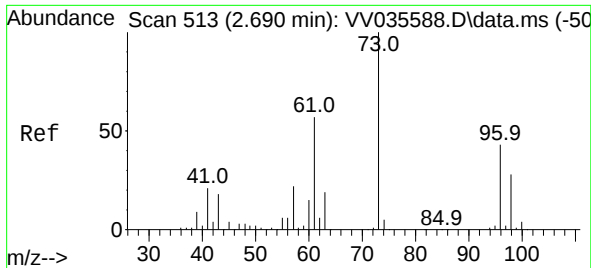
Tgt Ion: 43 Resp: 175814
Ion Ratio Lower Upper
43 100
74 27.2 21.6 32.4



#16
Methylene chloride
Concen: 55.116 ug/L
RT: 2.445 min Scan# 437
Delta R.T. 0.003 min
Lab File: VV035593.D
Acq: 13 May 2024 11:35

Tgt Ion: 84 Resp: 164942
Ion Ratio Lower Upper
84 100
86 65.3 45.3 84.1
49 111.3 76.9 142.7





#17

trans-1,2-Dichloroethene

Concen: 49.557 ug/L

RT: 2.693 min Scan# 513

Delta R.T. 0.003 min

Lab File: VV035593.D

Acq: 13 May 2024 11:35

Instrument :

MSVOA_V

ClientSampleId :

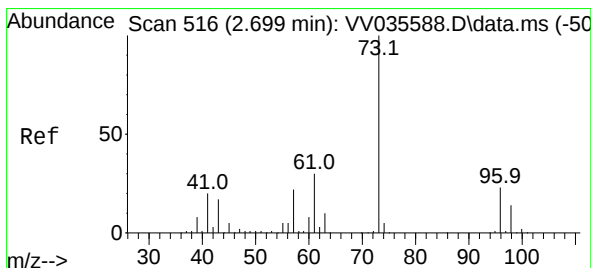
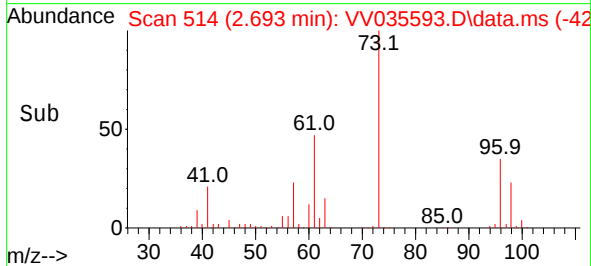
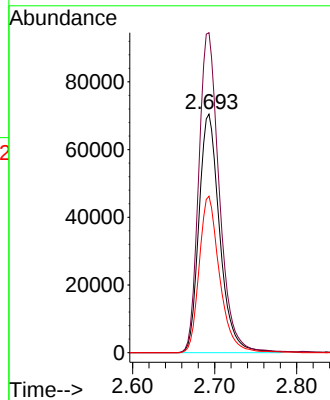
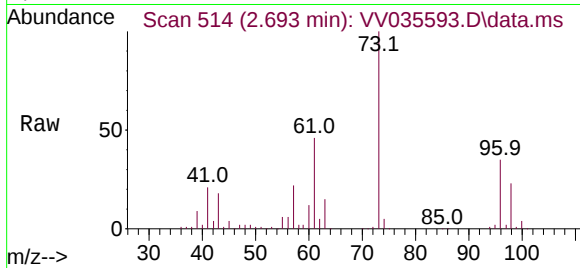
Tgt Ion: 96 Resp: 123714

Ion Ratio Lower Upper

96 100

61 134.1 95.5 177.3

98 65.6 44.9 83.5



#18

Methyl tert-butyl Ether

Concen: 58.452 ug/L

RT: 2.703 min Scan# 517

Delta R.T. 0.003 min

Lab File: VV035593.D

Acq: 13 May 2024 11:35

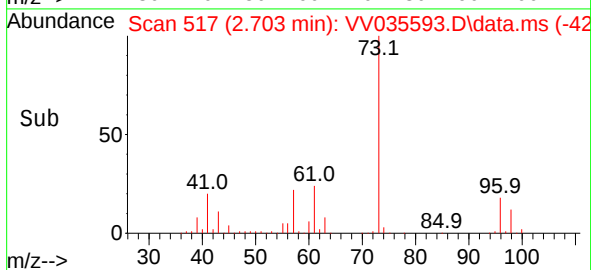
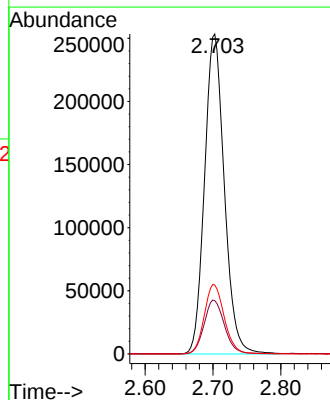
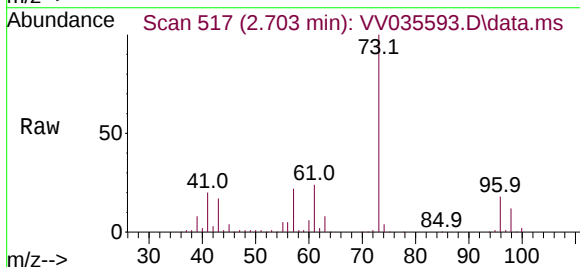
Tgt Ion: 73 Resp: 513181

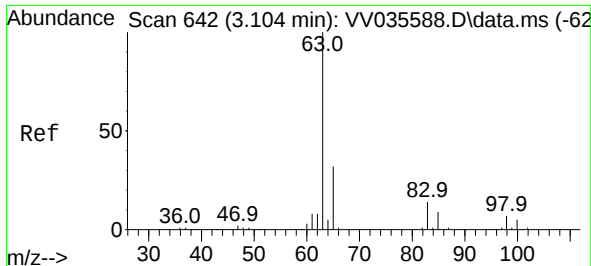
Ion Ratio Lower Upper

73 100

43 17.2 13.6 20.4

57 22.0 17.4 26.0

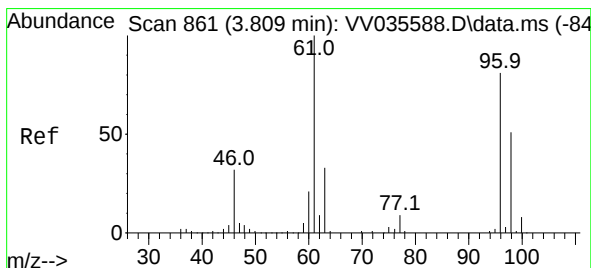
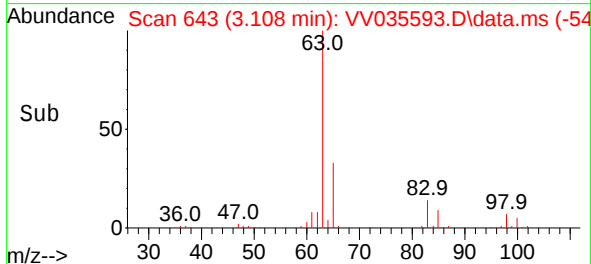
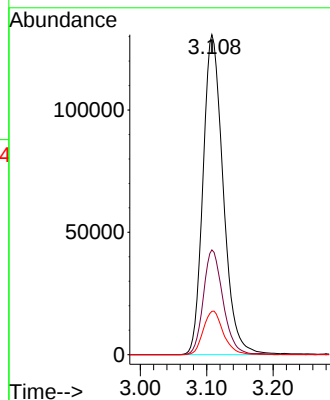
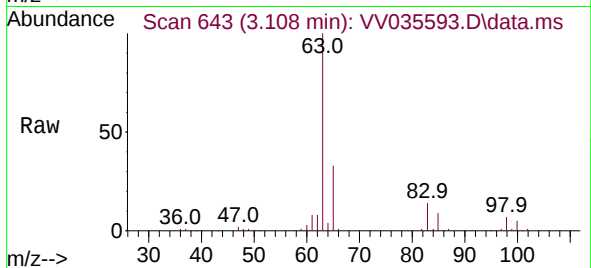




#19
1,1-Dichloroethane
Concen: 52.729 ug/L
RT: 3.108 min Scan# 642
Delta R.T. 0.003 min
Lab File: VV035593.D
Acq: 13 May 2024 11:35

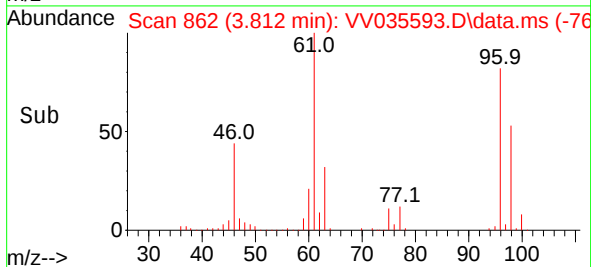
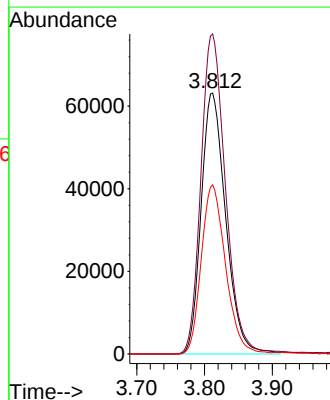
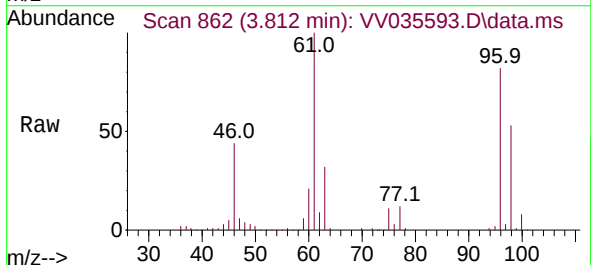
Instrument :
MSVOA_V
ClientSampleId :

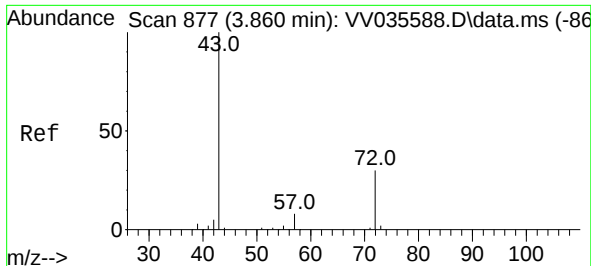
Tgt Ion: 63 Resp: 276407
Ion Ratio Lower Upper
63 100
65 32.8 21.8 40.4
83 13.5 9.2 17.2



#20
cis-1,2-Dichloroethene
Concen: 53.569 ug/L
RT: 3.812 min Scan# 862
Delta R.T. 0.003 min
Lab File: VV035593.D
Acq: 13 May 2024 11:35

Tgt Ion: 96 Resp: 159055
Ion Ratio Lower Upper
96 100
61 122.6 84.0 156.0
98 64.8 44.9 83.5

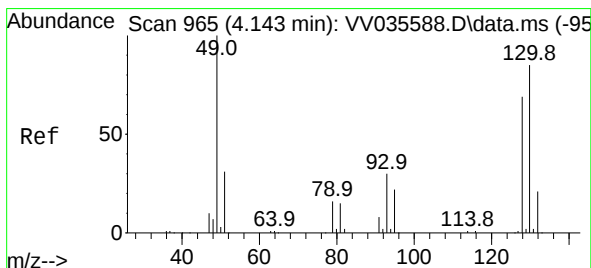
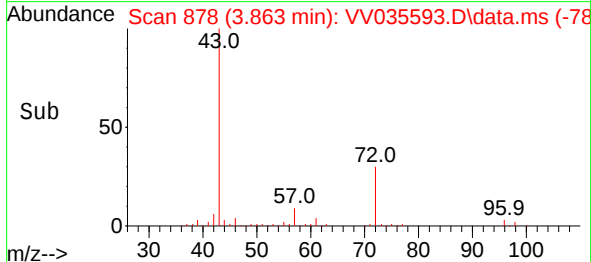
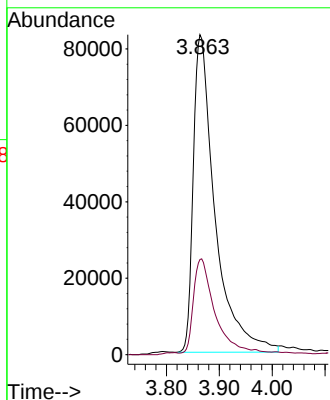
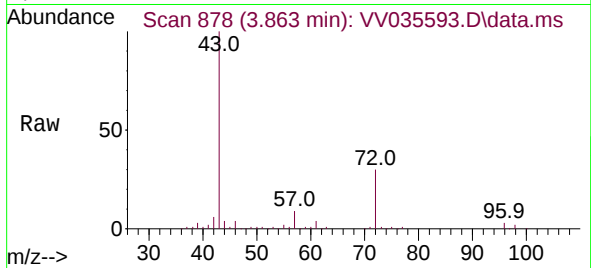




#22
2-Butanone
Concen: 102.625 ug/L
RT: 3.863 min Scan# 877
Delta R.T. 0.003 min
Lab File: VV035593.D
Acq: 13 May 2024 11:35

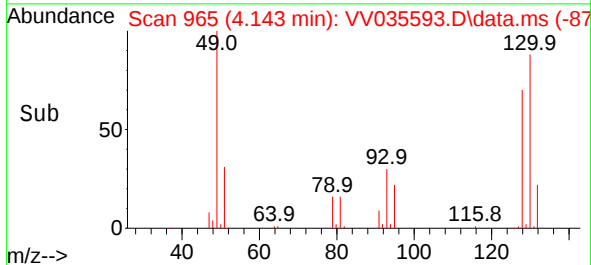
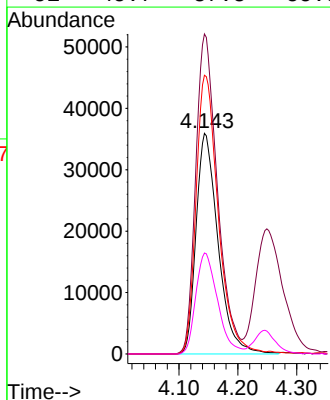
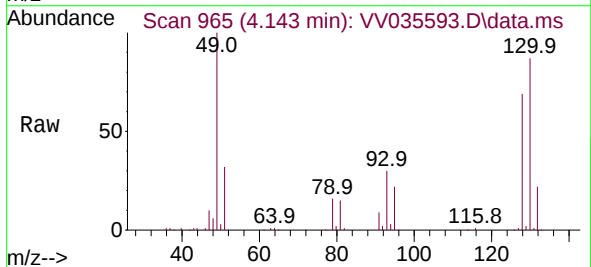
Instrument :
MSVOA_V
ClientSampleId :

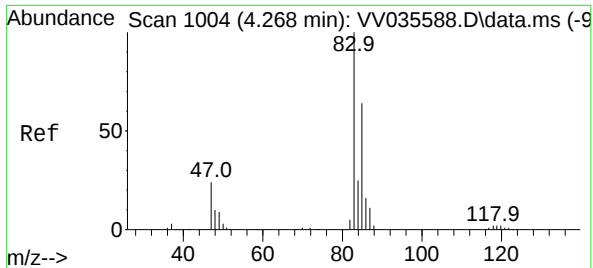
Tgt Ion: 43 Resp: 237445
Ion Ratio Lower Upper
43 100
72 28.2 14.4 43.0



#23
Bromochloromethane
Concen: 57.354 ug/L
RT: 4.143 min Scan# 965
Delta R.T. 0.000 min
Lab File: VV035593.D
Acq: 13 May 2024 11:35

Tgt Ion:128 Resp: 93133
Ion Ratio Lower Upper
128 100
49 145.0 102.0 189.4
130 126.3 91.5 169.9
51 45.7 37.3 55.9





#25

Chloroform

Concen: 55.558 ug/L

RT: 4.272 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV035593.D

Acq: 13 May 2024 11:35

Instrument :

MSVOA_V

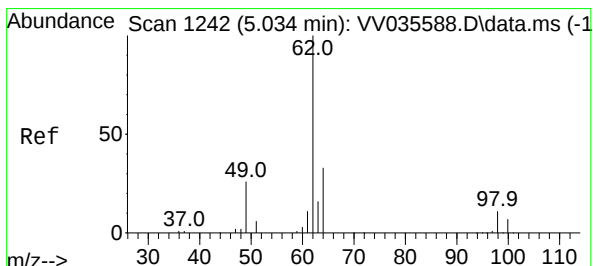
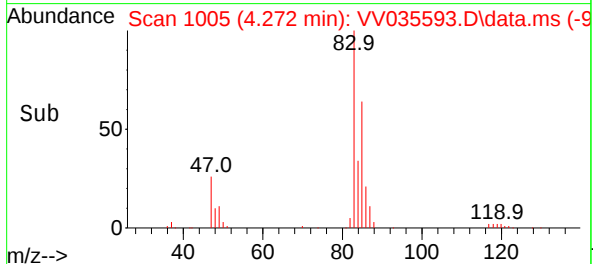
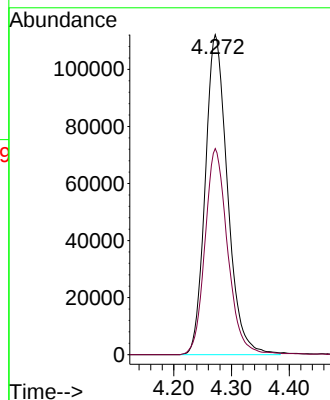
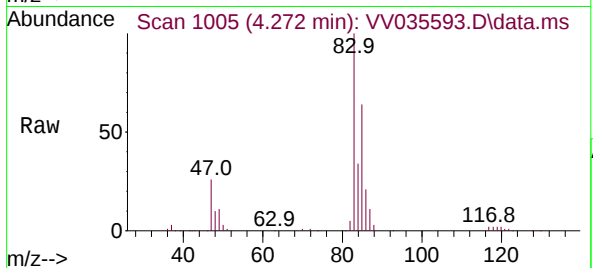
ClientSampleId :

Tgt Ion: 83 Resp: 300601

Ion Ratio Lower Upper

83 100

85 64.4 45.8 85.2



#27

1,2-Dichloroethane

Concen: 59.141 ug/L

RT: 5.037 min Scan# 1243

Delta R.T. 0.003 min

Lab File: VV035593.D

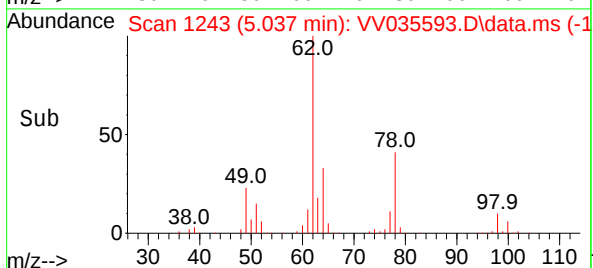
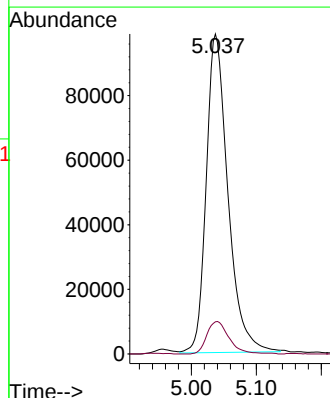
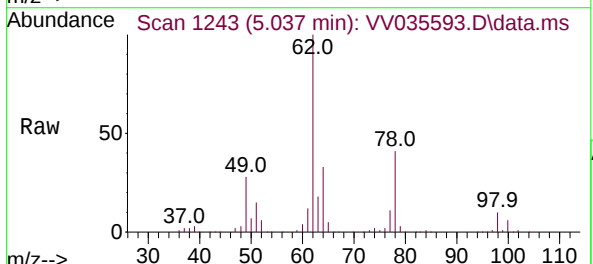
Acq: 13 May 2024 11:35

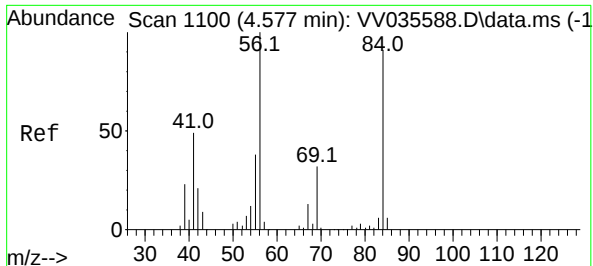
Tgt Ion: 62 Resp: 229008

Ion Ratio Lower Upper

62 100

98 10.0 8.2 12.2





#29

Cyclohexane

Concen: 42.829 ug/L

RT: 4.580 min Scan# 1100

Delta R.T. 0.003 min

Lab File: VV035593.D

Acq: 13 May 2024 11:35

Instrument :

MSVOA_V

ClientSampleId :

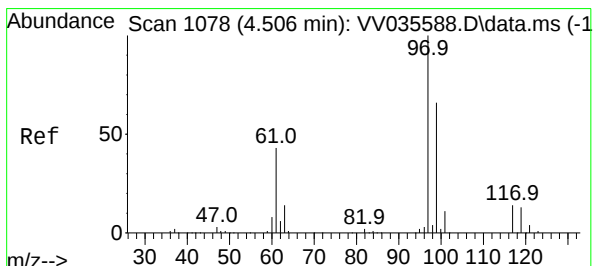
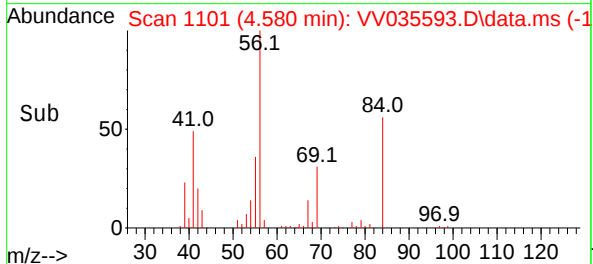
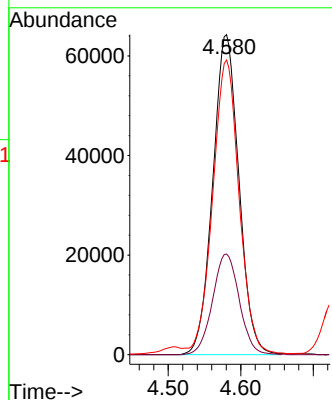
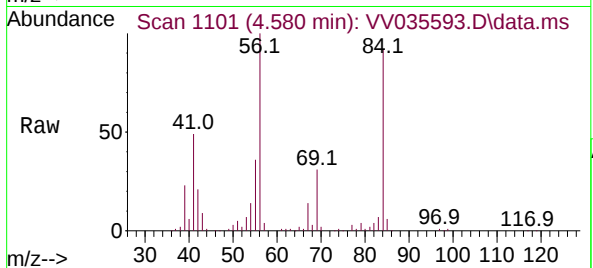
Tgt Ion: 56 Resp: 160674

Ion Ratio Lower Upper

56 100

69 32.2 25.5 38.3

84 92.7 73.6 110.4



#30

1,1,1-Trichloroethane

Concen: 47.278 ug/L

RT: 4.506 min Scan# 1078

Delta R.T. 0.000 min

Lab File: VV035593.D

Acq: 13 May 2024 11:35

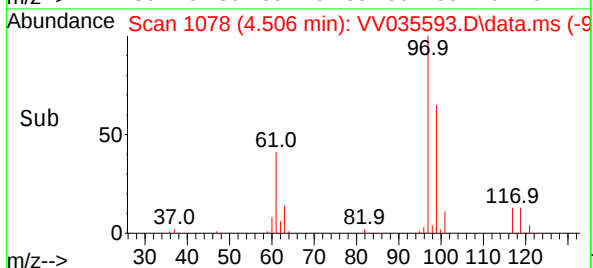
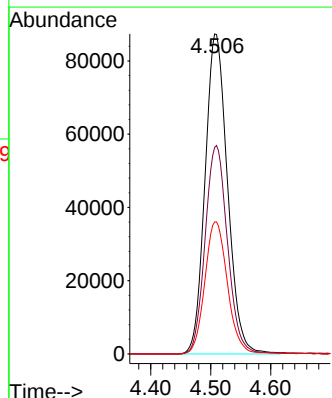
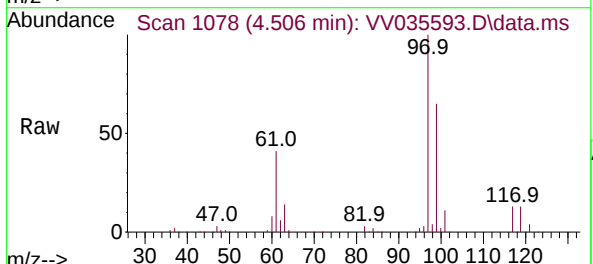
Tgt Ion: 97 Resp: 227344

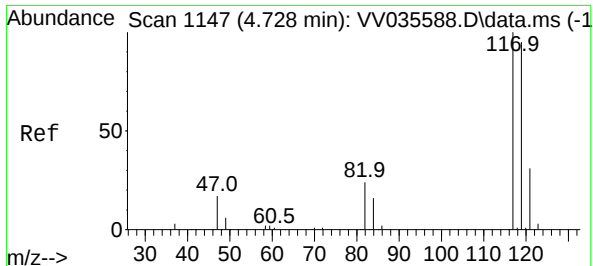
Ion Ratio Lower Upper

97 100

99 64.9 51.9 77.9

61 41.4 34.1 51.1

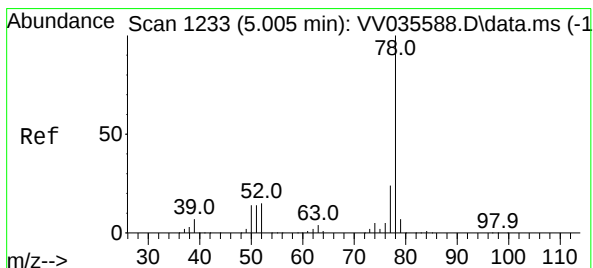
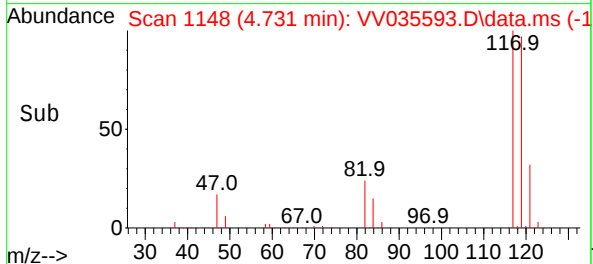
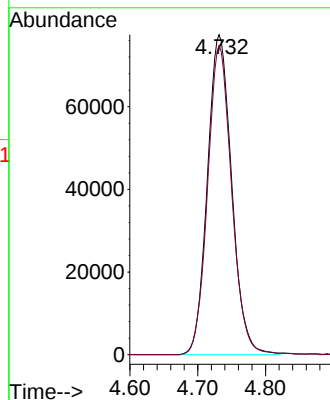
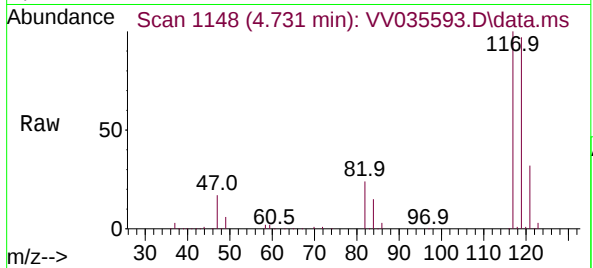




#31
Carbon tetrachloride
Concen: 46.324 ug/L
RT: 4.731 min Scan# 1147
Delta R.T. 0.003 min
Lab File: VV035593.D
Acq: 13 May 2024 11:35

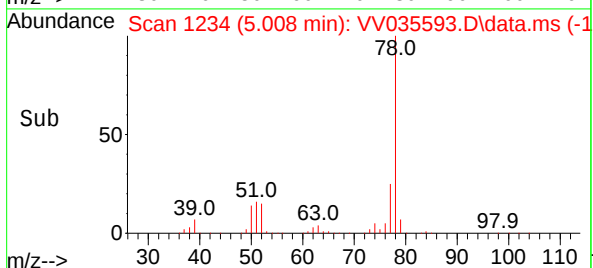
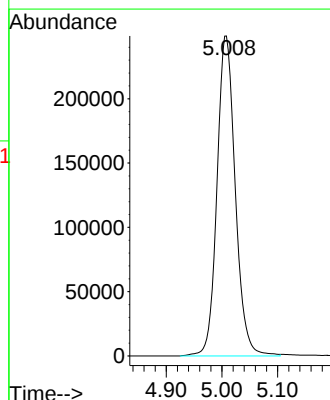
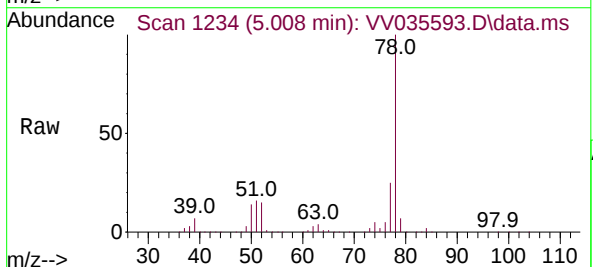
Instrument :
MSVOA_V
ClientSampleId :

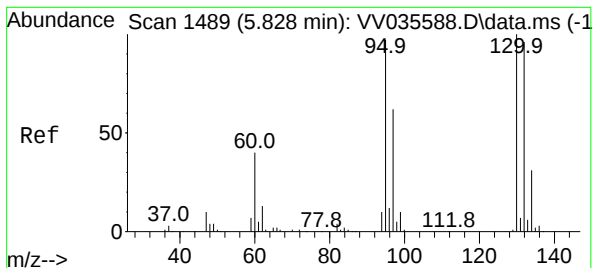
Tgt Ion:117 Resp: 192607
Ion Ratio Lower Upper
117 100
119 95.5 76.5 114.7



#33
Benzene
Concen: 50.084 ug/L
RT: 5.008 min Scan# 1234
Delta R.T. 0.003 min
Lab File: VV035593.D
Acq: 13 May 2024 11:35

Tgt Ion: 78 Resp: 568279





#34

Trichloroethene

Concen: 53.180 ug/L

RT: 5.831 min Scan# 1489

Delta R.T. 0.003 min

Lab File: VV035593.D

Acq: 13 May 2024 11:35

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 160573

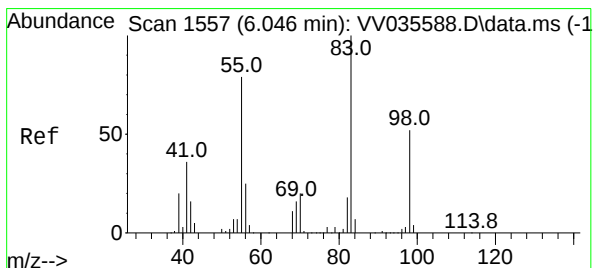
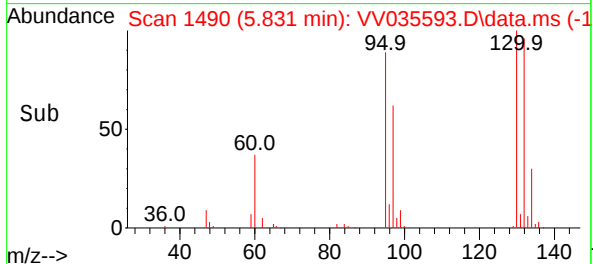
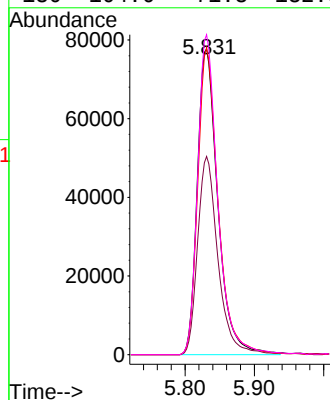
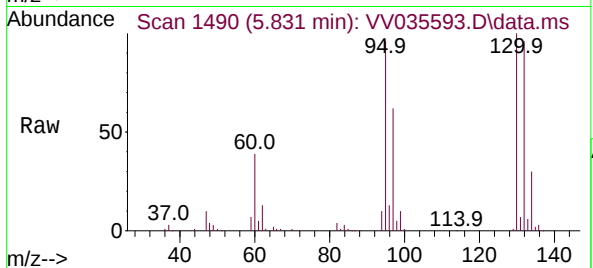
Ion Ratio Lower Upper

95 100

97 64.8 45.1 83.9

132 100.4 69.4 128.8

130 104.6 71.3 132.3



#35

Methylcyclohexane

Concen: 44.033 ug/L

RT: 6.047 min Scan# 1557

Delta R.T. 0.000 min

Lab File: VV035593.D

Acq: 13 May 2024 11:35

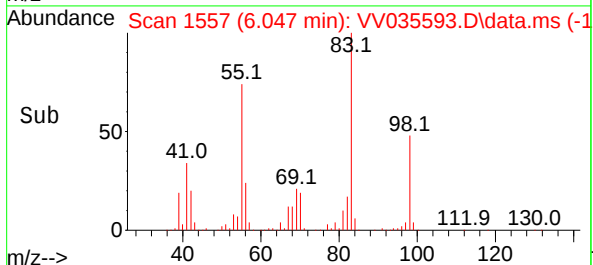
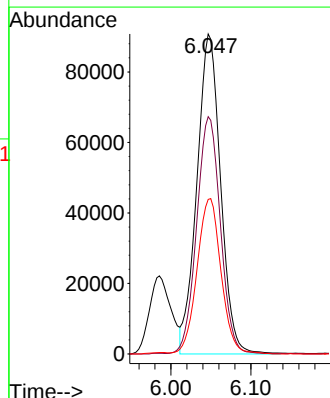
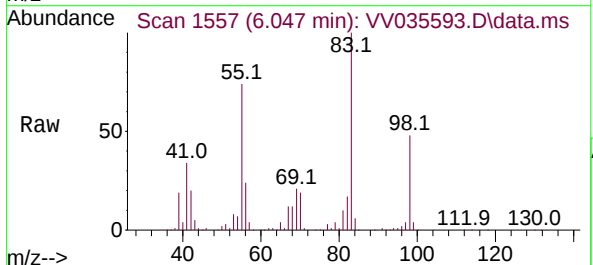
Tgt Ion: 83 Resp: 187563

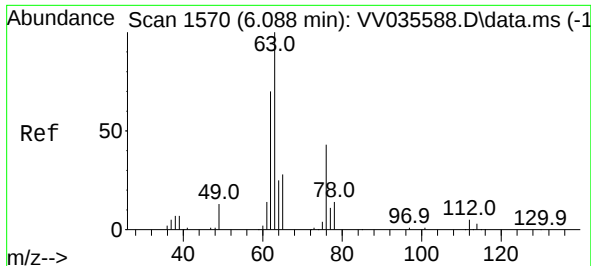
Ion Ratio Lower Upper

83 100

55 74.0 57.5 86.3

98 49.2 38.9 58.3

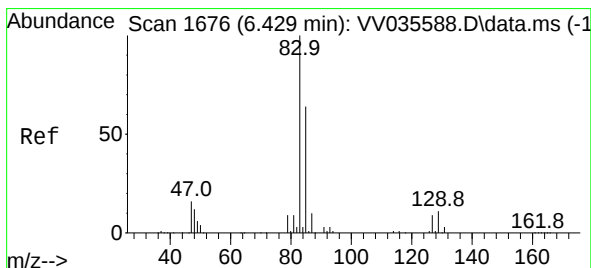
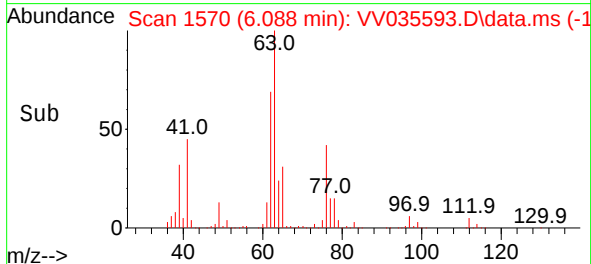
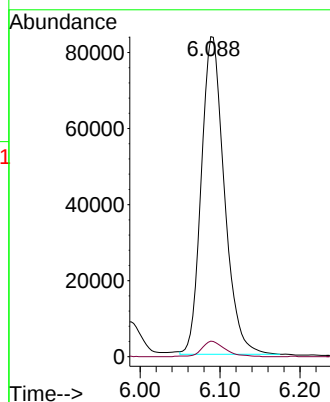
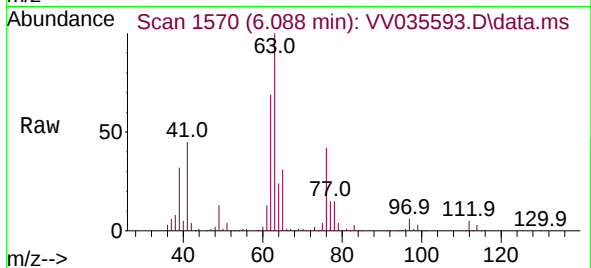




#37
1,2-Dichloropropane
Concen: 53.802 ug/L
RT: 6.088 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VV035593.D
Acq: 13 May 2024 11:35

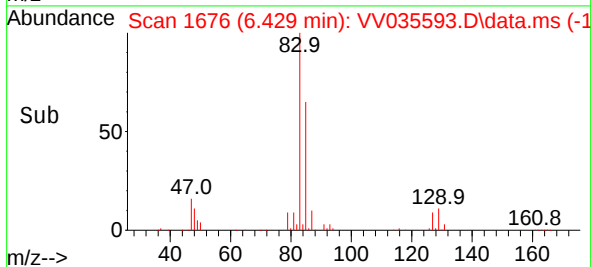
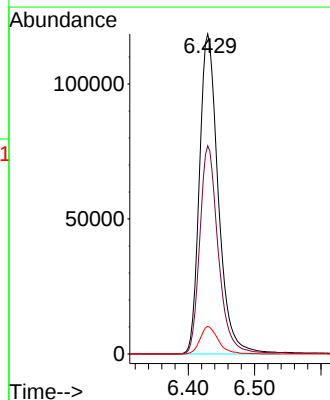
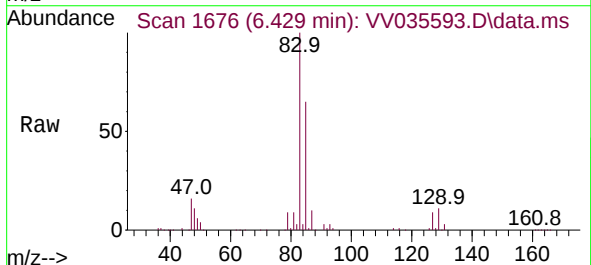
Instrument :
MSVOA_V
ClientSampleId :

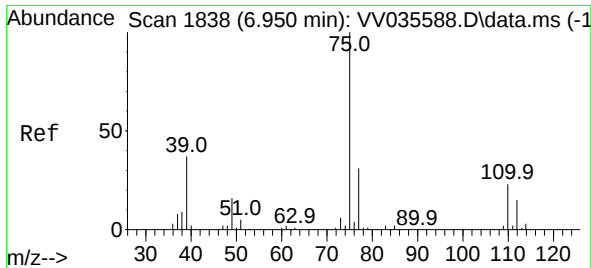
Tgt Ion: 63 Resp: 167726
Ion Ratio Lower Upper
63 100
112 4.6 3.4 5.2



#38
Bromodichloromethane
Concen: 54.529 ug/L
RT: 6.429 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VV035593.D
Acq: 13 May 2024 11:35

Tgt Ion: 83 Resp: 233872
Ion Ratio Lower Upper
83 100
85 65.0 45.1 83.9
127 8.7 6.9 10.3

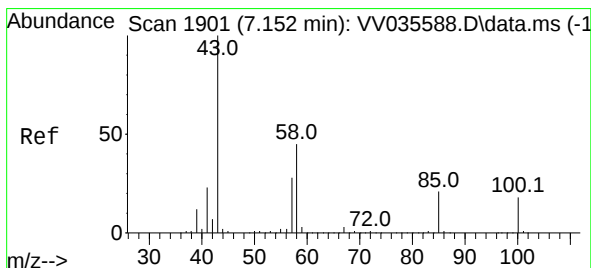
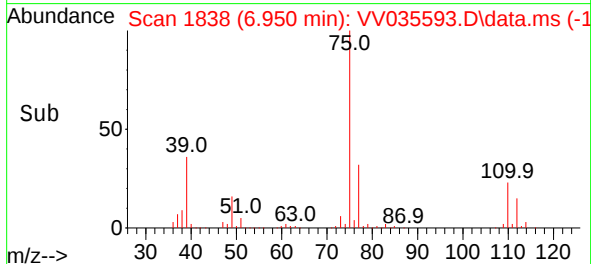
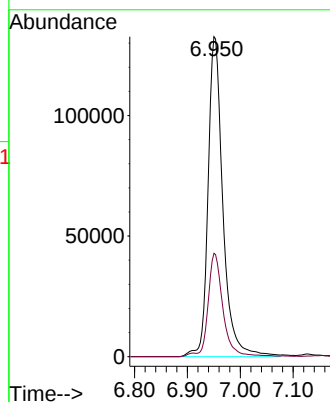
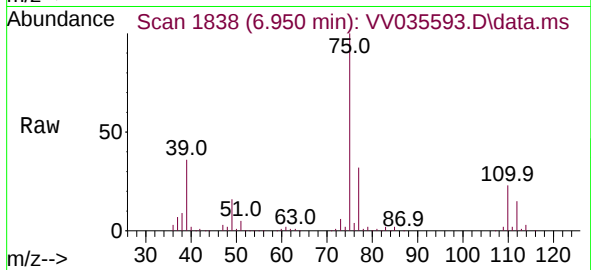




#39
cis-1,3-Dichloropropene
Concen: 52.923 ug/L
RT: 6.950 min Scan# 1838
Delta R.T. 0.000 min
Lab File: VV035593.D
Acq: 13 May 2024 11:35

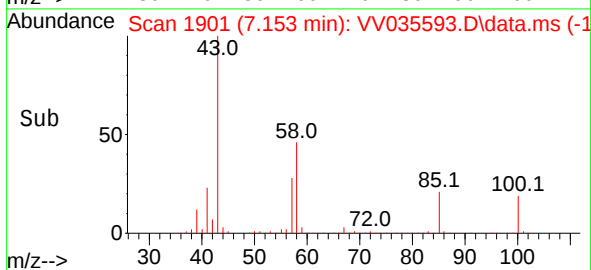
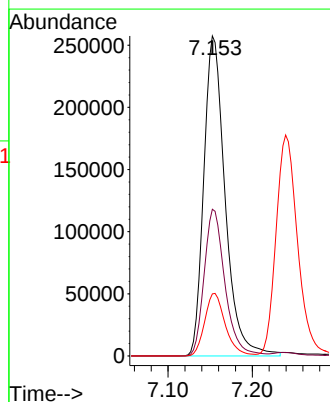
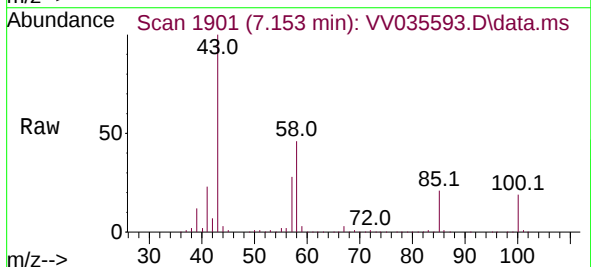
Instrument :
MSVOA_V
ClientSampleId :

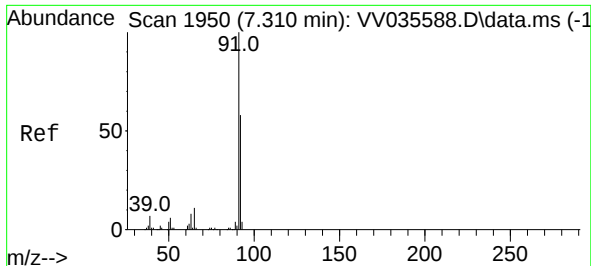
Tgt Ion: 75 Resp: 258993
Ion Ratio Lower Upper
75 100
77 32.3 22.3 41.3



#40
4-Methyl-2-pentanone
Concen: 109.347 ug/L
RT: 7.153 min Scan# 1901
Delta R.T. 0.000 min
Lab File: VV035593.D
Acq: 13 May 2024 11:35

Tgt Ion: 43 Resp: 455030
Ion Ratio Lower Upper
43 100
58 44.6 36.1 54.1
100 18.9 15.0 22.4





#42

Toluene

Concen: 50.333 ug/L

RT: 7.313 min Scan# 1950

Delta R.T. 0.003 min

Lab File: VV035593.D

Acq: 13 May 2024 11:35

Instrument :

MSVOA_V

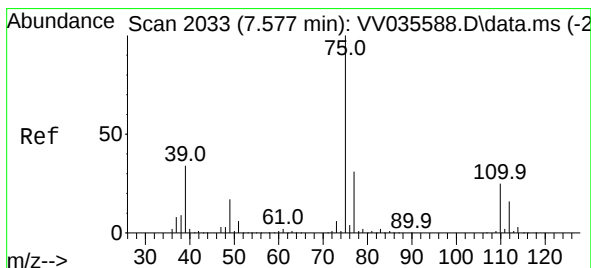
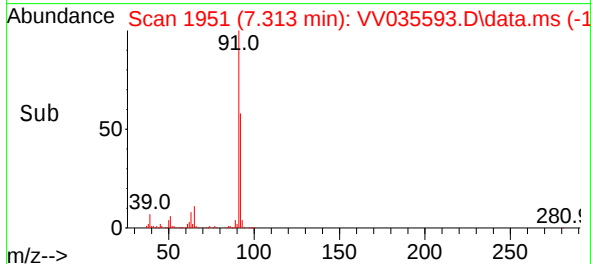
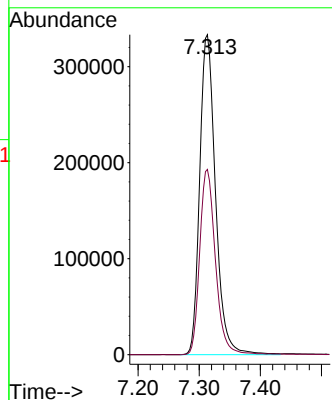
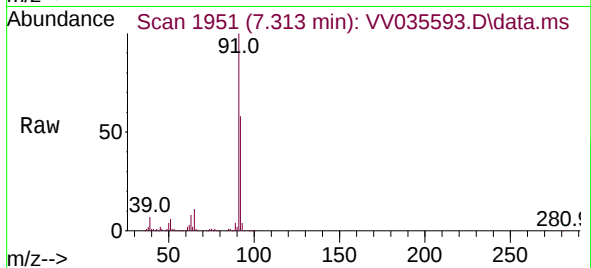
ClientSampleId :

Tgt Ion: 91 Resp: 599142

Ion Ratio Lower Upper

91 100

92 57.9 40.3 74.9



#44

trans-1,3-Dichloropropene

Concen: 54.765 ug/L

RT: 7.577 min Scan# 2033

Delta R.T. 0.000 min

Lab File: VV035593.D

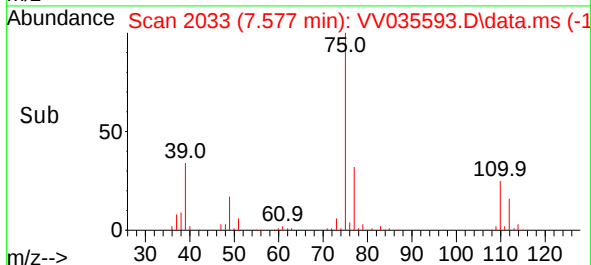
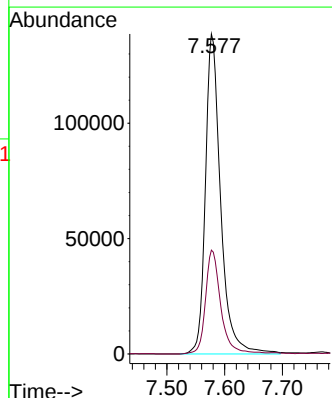
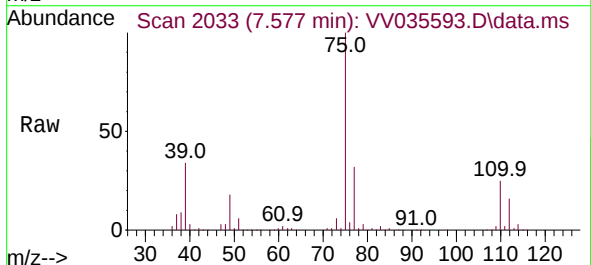
Acq: 13 May 2024 11:35

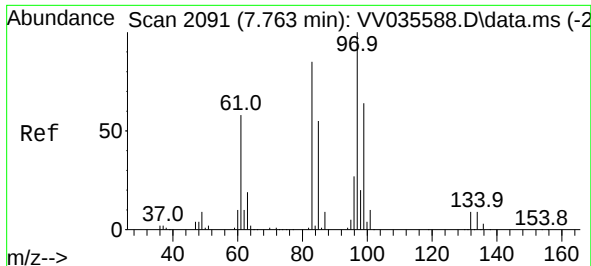
Tgt Ion: 75 Resp: 254569

Ion Ratio Lower Upper

75 100

77 32.4 22.4 41.6

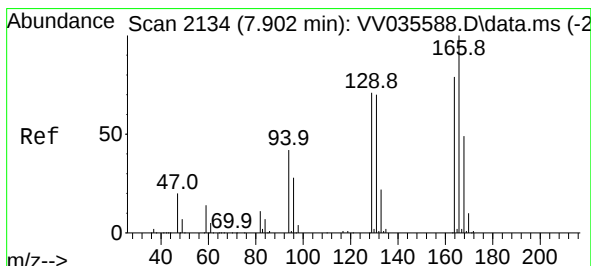
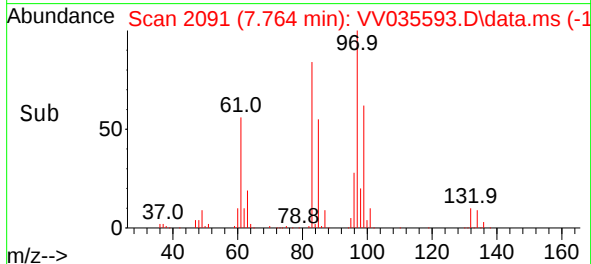
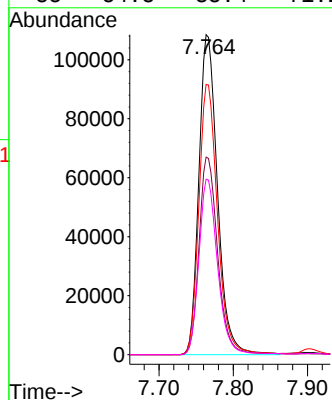
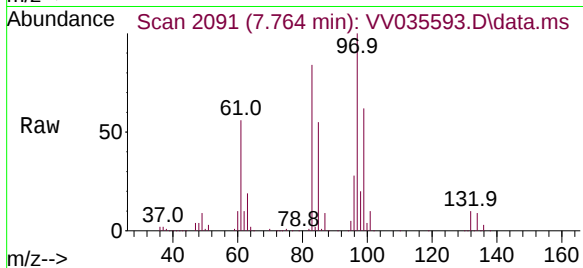




#45
1,1,2-Trichloroethane
Concen: 56.839 ug/L
RT: 7.764 min Scan# 2091
Delta R.T. 0.000 min
Lab File: VV035593.D
Acq: 13 May 2024 11:35

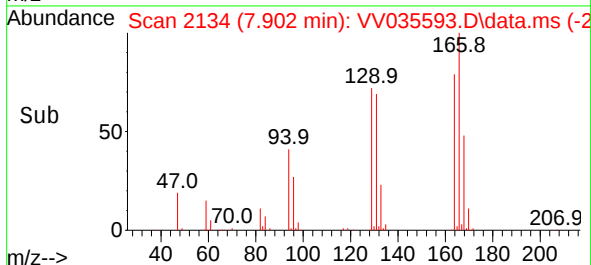
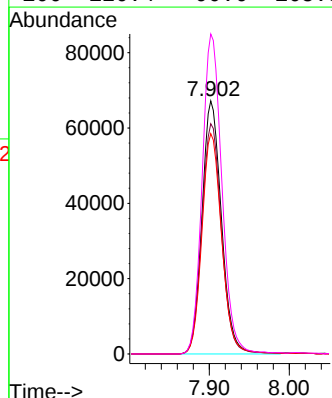
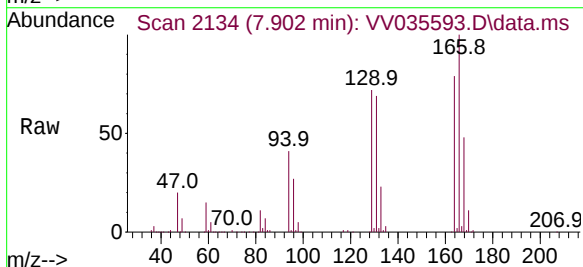
Instrument :
MSVOA_V
ClientSampleId :

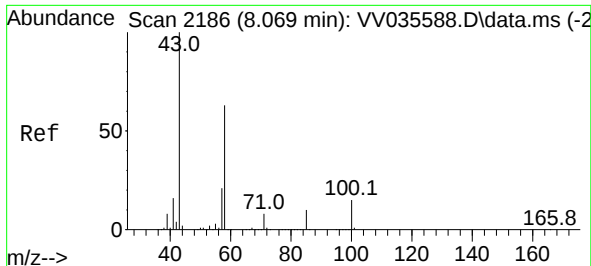
Tgt Ion:	97	Resp:	189508
Ion	Ratio	Lower	Upper
97	100		
99	61.8	44.2	82.2
83	84.4	59.3	110.1
85	54.8	38.4	71.2



#46
Tetrachloroethene
Concen: 46.859 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. 0.000 min
Lab File: VV035593.D
Acq: 13 May 2024 11:35

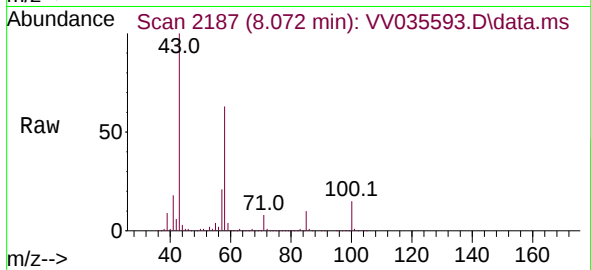
Tgt Ion:	164	Resp:	114278
Ion	Ratio	Lower	Upper
164	100		
129	91.0	64.7	120.1
131	87.0	61.5	114.1
166	126.4	90.6	168.3



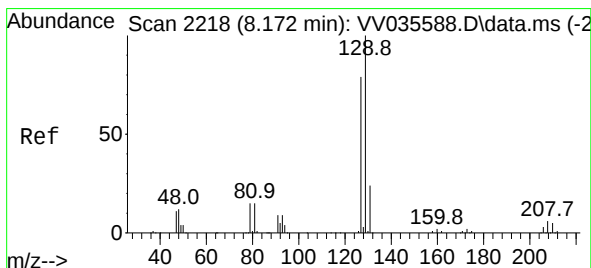
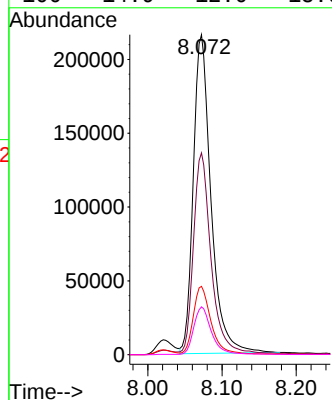
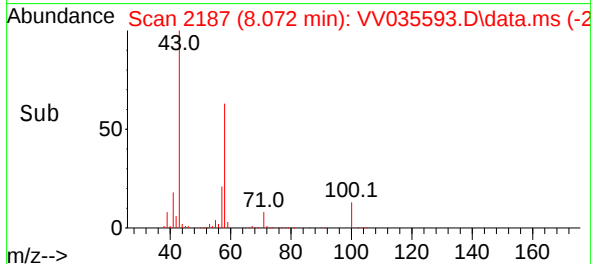


#48
2-Hexanone
Concen: 105.928 ug/L
RT: 8.072 min Scan# 2186
Delta R.T. 0.003 min
Lab File: VV035593.D
Acq: 13 May 2024 11:35

Instrument :
MSVOA_V
ClientSampleId :

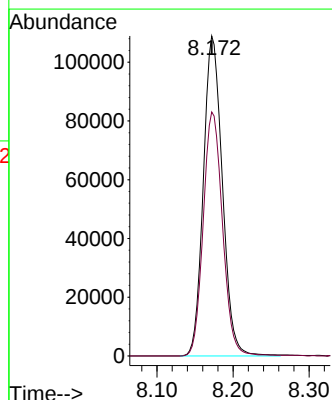
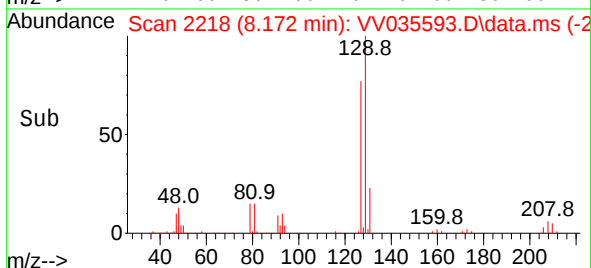
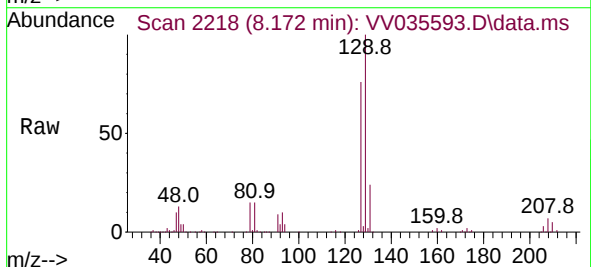


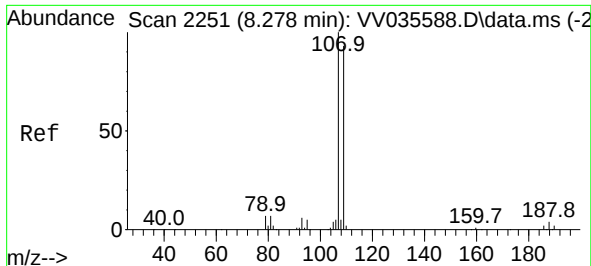
Tgt Ion: 43 Resp: 358658
Ion Ratio Lower Upper
43 100
58 61.9 50.8 76.2
57 21.3 17.6 26.4
100 14.9 12.0 18.0



#49
Dibromochloromethane
Concen: 54.176 ug/L
RT: 8.172 min Scan# 2218
Delta R.T. 0.000 min
Lab File: VV035593.D
Acq: 13 May 2024 11:35

Tgt Ion: 129 Resp: 189074
Ion Ratio Lower Upper
129 100
127 76.3 54.3 100.8

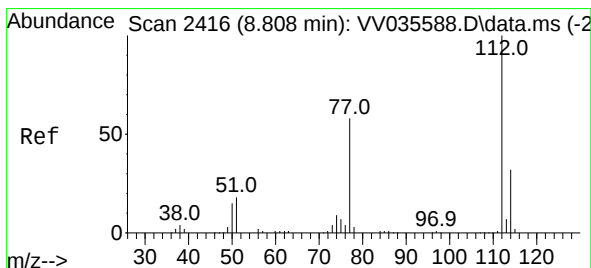
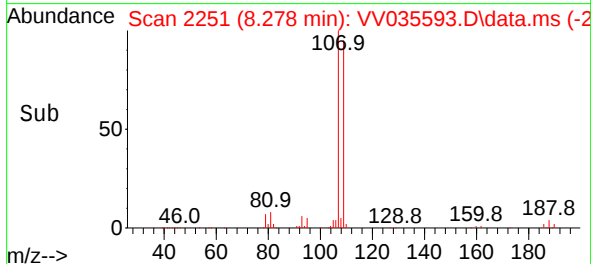
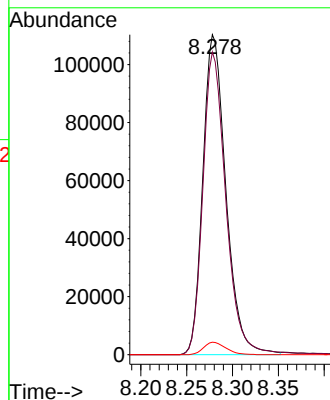
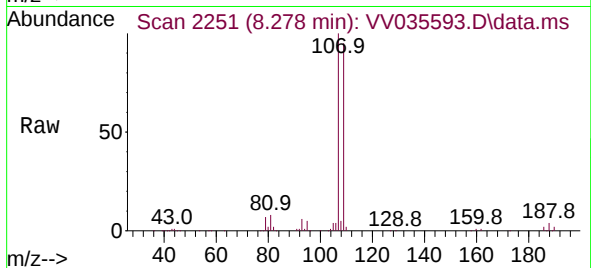




#50
1,2-Dibromoethane
Concen: 55.492 ug/L
RT: 8.278 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV035593.D
Acq: 13 May 2024 11:35

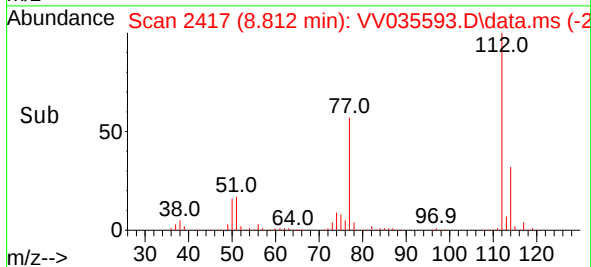
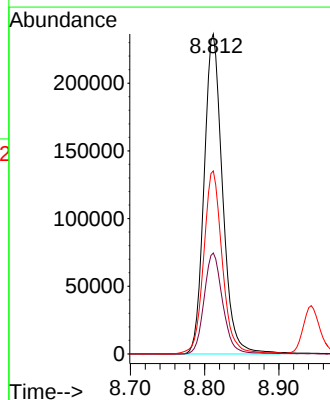
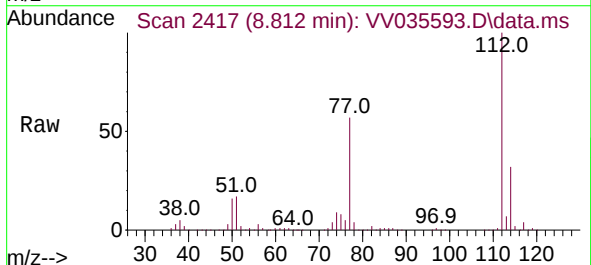
Instrument :
MSVOA_V
ClientSampleId :

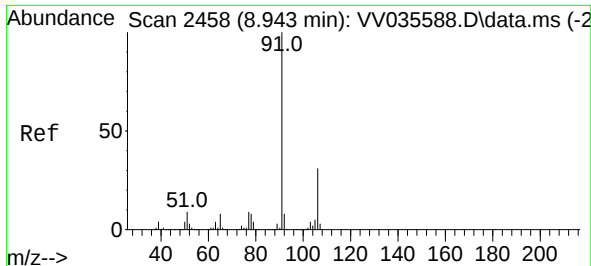
Tgt Ion:107 Resp: 193297
Ion Ratio Lower Upper
107 100
109 94.6 65.7 122.1
188 3.9 3.1 4.7



#51
Chlorobenzene
Concen: 49.240 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. 0.003 min
Lab File: VV035593.D
Acq: 13 May 2024 11:35

Tgt Ion:112 Resp: 406889
Ion Ratio Lower Upper
112 100
114 31.5 22.4 41.6
77 57.2 45.9 68.9





#52

Ethylbenzene

Concen: 48.311 ug/L

RT: 8.944 min Scan# 2458

Delta R.T. 0.000 min

Lab File: VV035593.D

Acq: 13 May 2024 11:35

Instrument :

MSVOA_V

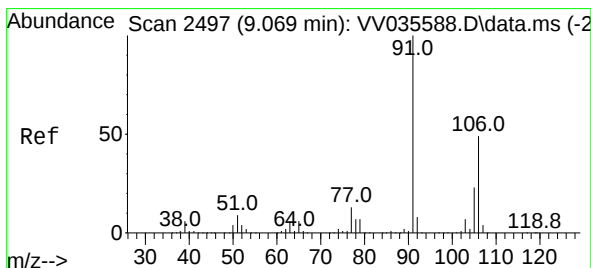
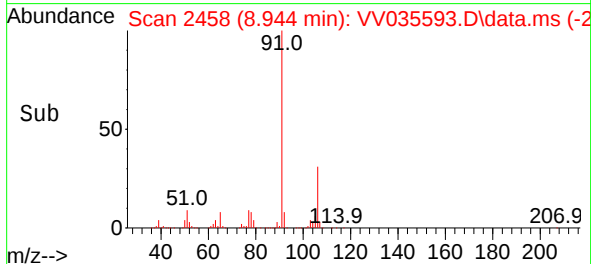
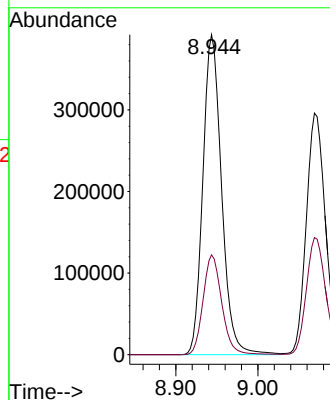
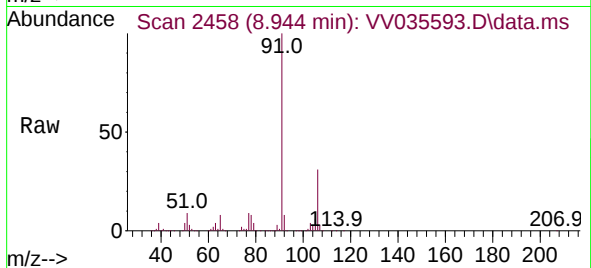
ClientSampleId :

Tgt Ion: 91 Resp: 621279

Ion Ratio Lower Upper

91 100

106 31.2 21.6 40.0



#53

m,p-Xylene

Concen: 49.825 ug/L

RT: 9.069 min Scan# 2497

Delta R.T. 0.000 min

Lab File: VV035593.D

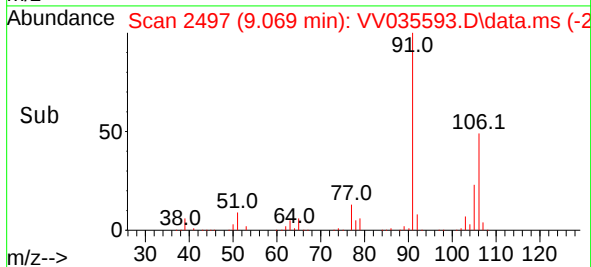
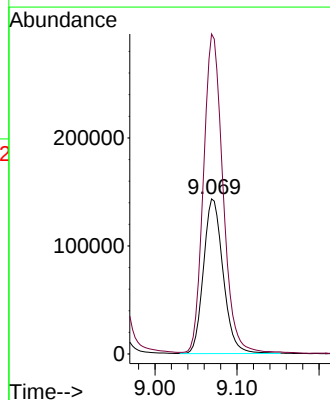
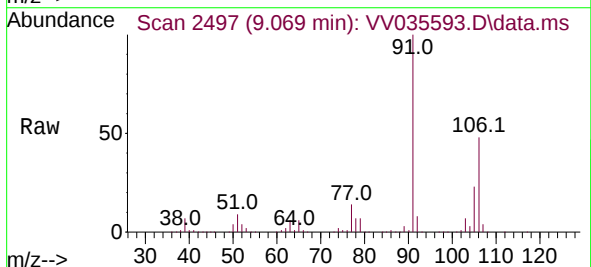
Acq: 13 May 2024 11:35

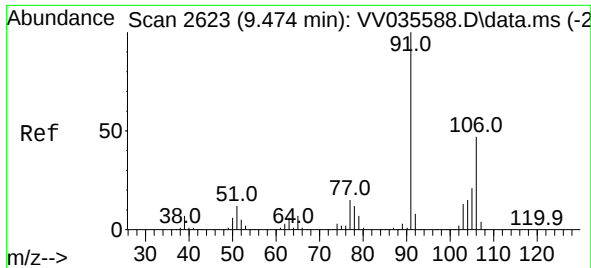
Tgt Ion:106 Resp: 237701

Ion Ratio Lower Upper

106 100

91 206.3 144.8 268.8

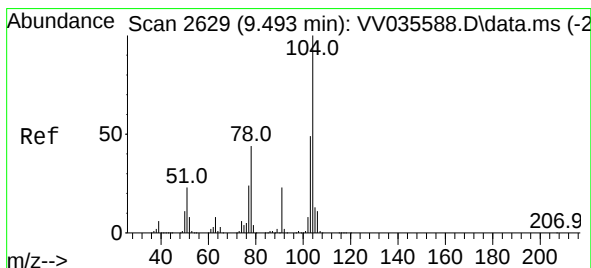
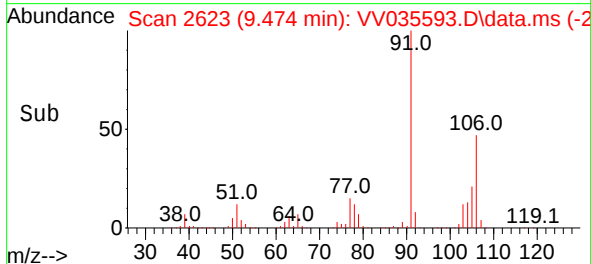
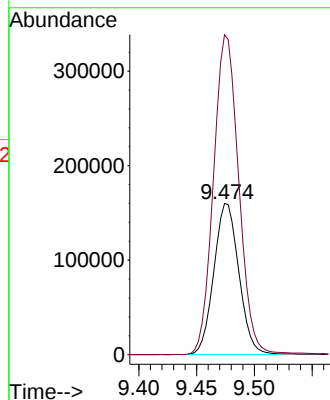
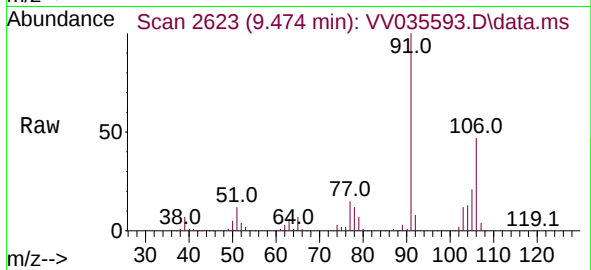




#54
o-Xylene
Concen: 49.996 ug/L
RT: 9.474 min Scan# 2623
Delta R.T. 0.000 min
Lab File: VV035593.D
Acq: 13 May 2024 11:35

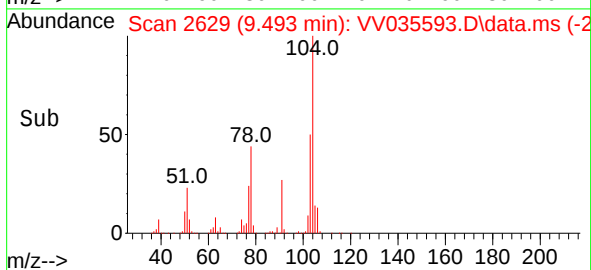
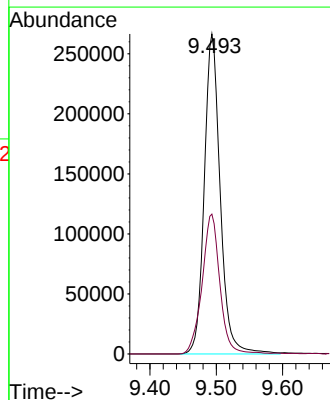
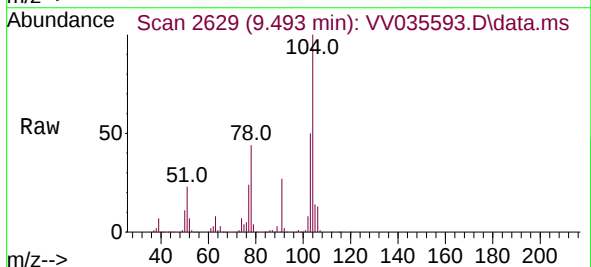
Instrument :
MSVOA_V
ClientSampleId :

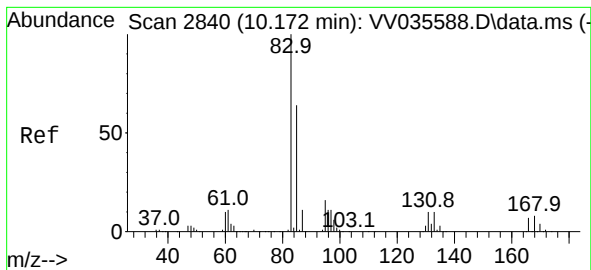
Tgt Ion:106 Resp: 240342
Ion Ratio Lower Upper
106 100
91 211.6 149.9 278.3



#55
Styrene
Concen: 53.652 ug/L
RT: 9.493 min Scan# 2629
Delta R.T. 0.000 min
Lab File: VV035593.D
Acq: 13 May 2024 11:35

Tgt Ion:104 Resp: 445763
Ion Ratio Lower Upper
104 100
78 43.7 29.9 55.5

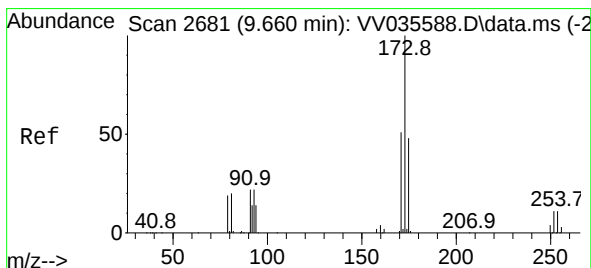
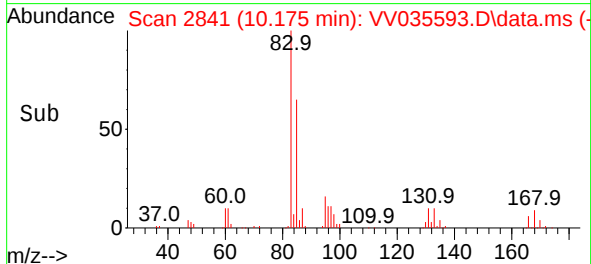
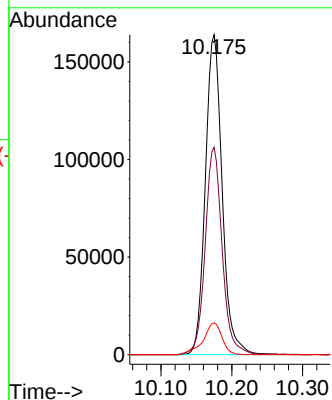
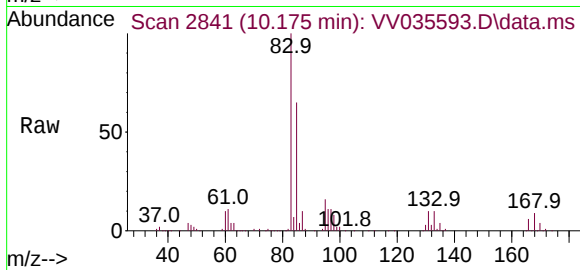




#57
1,1,2,2-Tetrachloroethane
Concen: 47.402 ug/L
RT: 10.175 min Scan# 2840
Delta R.T. 0.003 min
Lab File: VV035593.D
Acq: 13 May 2024 11:35

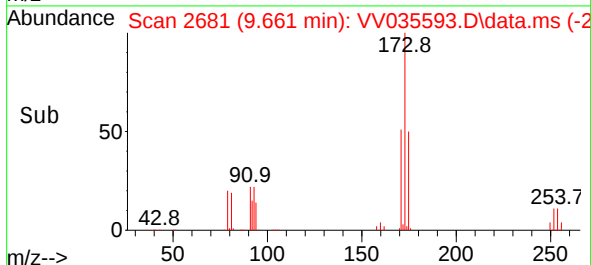
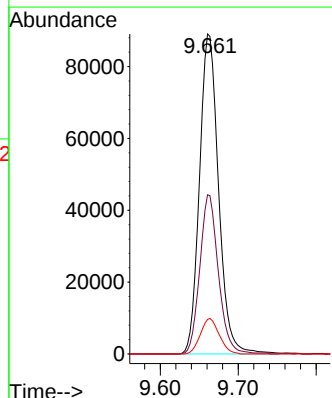
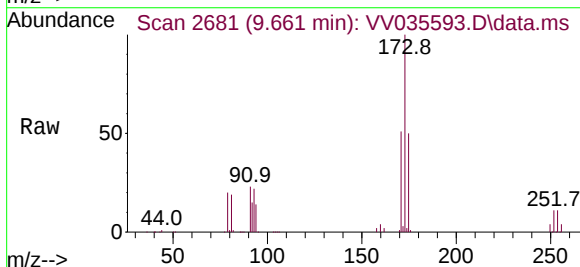
Instrument :
MSVOA_V
ClientSampleId :

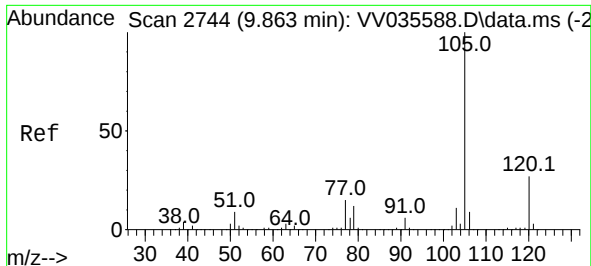
Tgt Ion: 83 Resp: 270413
Ion Ratio Lower Upper
83 100
85 64.8 44.9 83.5
131 10.0 8.1 12.1



#59
Bromoform
Concen: 52.496 ug/L
RT: 9.661 min Scan# 2681
Delta R.T. 0.000 min
Lab File: VV035593.D
Acq: 13 May 2024 11:35

Tgt Ion: 173 Resp: 151470
Ion Ratio Lower Upper
173 100
175 48.4 39.0 58.6
254 10.9 8.5 12.7

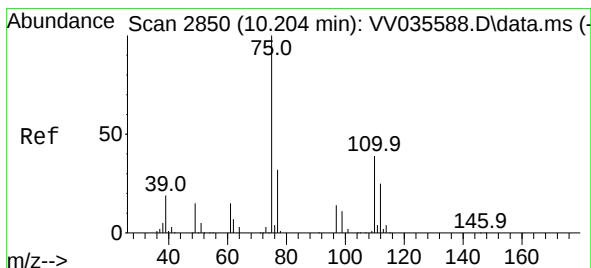
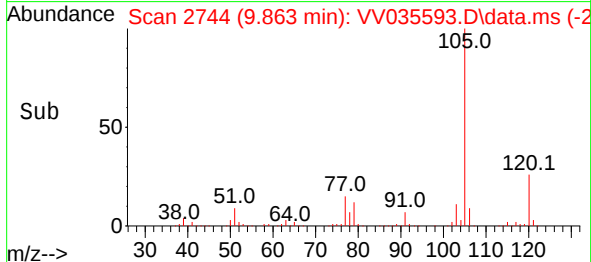
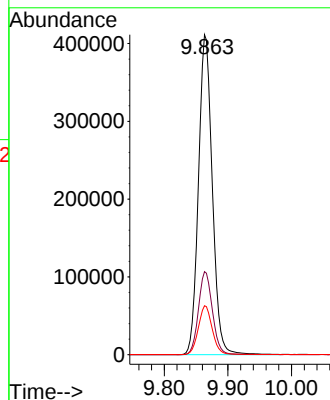
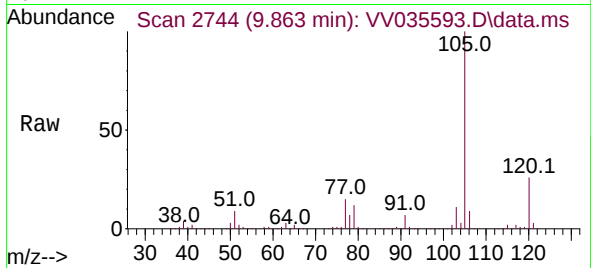




#60
Isopropylbenzene
Concen: 48.277 ug/L
RT: 9.863 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV035593.D
Acq: 13 May 2024 11:35

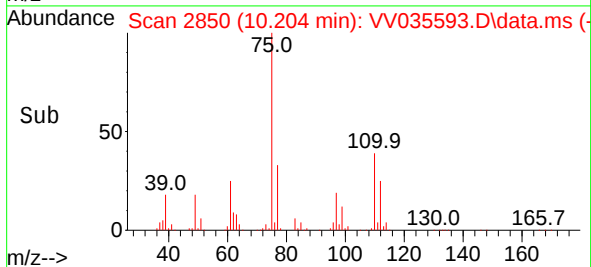
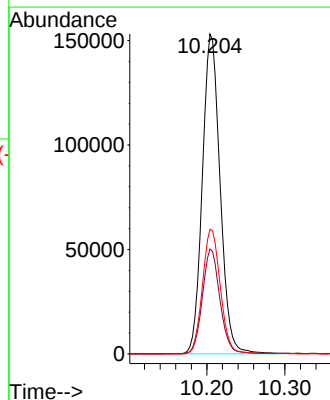
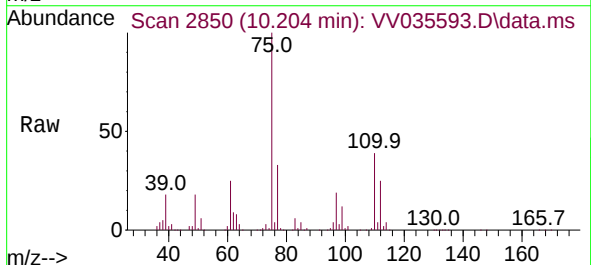
Instrument :
MSVOA_V
ClientSampleId :

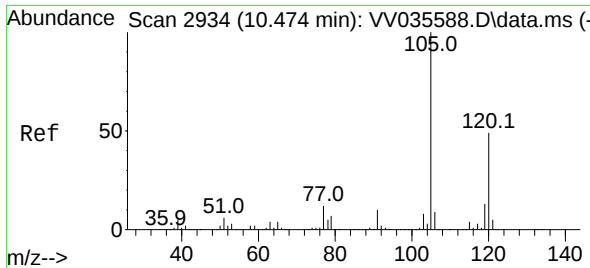
Tgt Ion:105 Resp: 621913
Ion Ratio Lower Upper
105 100
120 26.2 21.5 32.3
77 15.4 12.3 18.5



#61
1,2,3-Trichloropropane
Concen: 54.083 ug/L
RT: 10.204 min Scan# 2850
Delta R.T. 0.000 min
Lab File: VV035593.D
Acq: 13 May 2024 11:35

Tgt Ion: 75 Resp: 242040
Ion Ratio Lower Upper
75 100
77 32.0 25.8 38.6
110 39.4 31.6 47.4





#62

1,3,5-Trimethylbenzene

Concen: 48.425 ug/L

RT: 10.474 min Scan# 2934

Delta R.T. 0.000 min

Lab File: VV035593.D

Acq: 13 May 2024 11:35

Instrument :

MSVOA_V

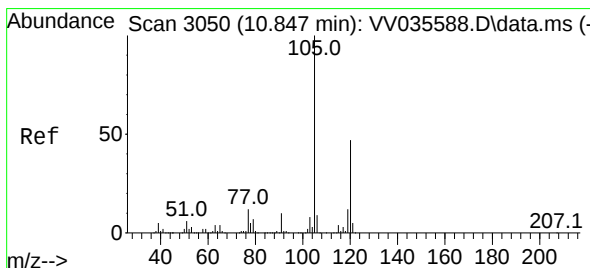
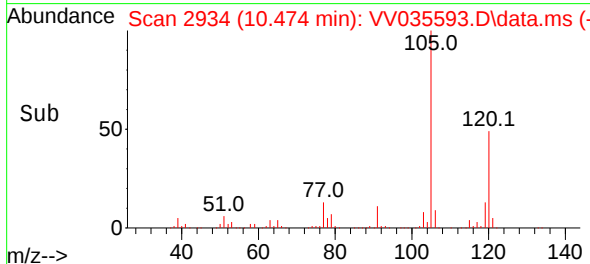
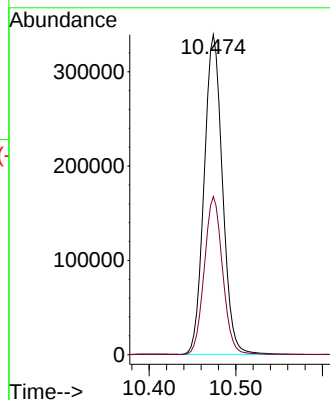
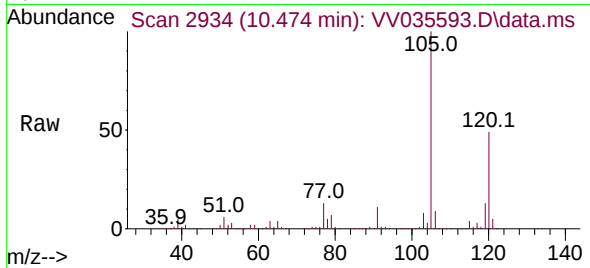
ClientSampleId :

Tgt Ion:105 Resp: 499257

Ion Ratio Lower Upper

105 100

120 49.3 39.5 59.3



#63

1,2,4-Trimethylbenzene

Concen: 49.254 ug/L

RT: 10.850 min Scan# 3051

Delta R.T. 0.003 min

Lab File: VV035593.D

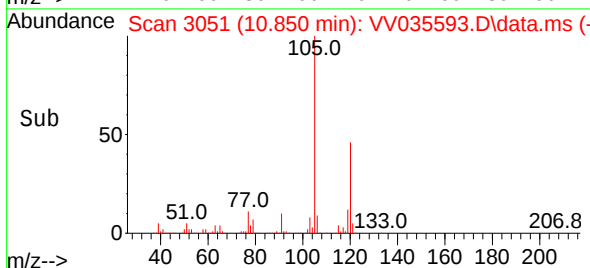
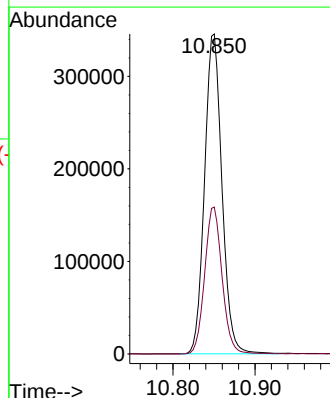
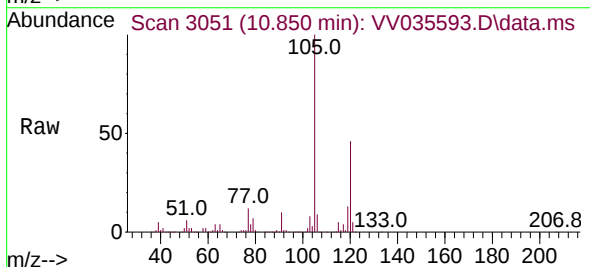
Acq: 13 May 2024 11:35

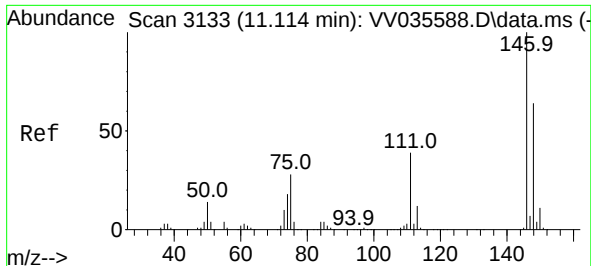
Tgt Ion:105 Resp: 509192

Ion Ratio Lower Upper

105 100

120 46.0 36.6 55.0





#64

1,3-Dichlorobenzene

Concen: 49.772 ug/L

RT: 11.114 min Scan# 3133

Delta R.T. 0.000 min

Lab File: VV035593.D

Acq: 13 May 2024 11:35

Instrument :

MSVOA_V

ClientSampleId :

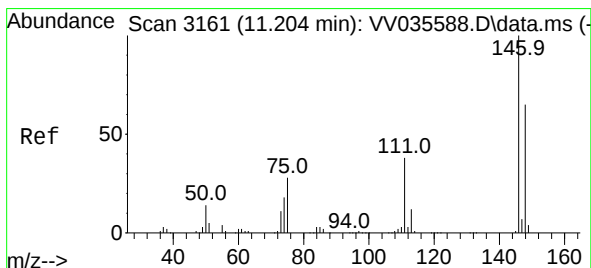
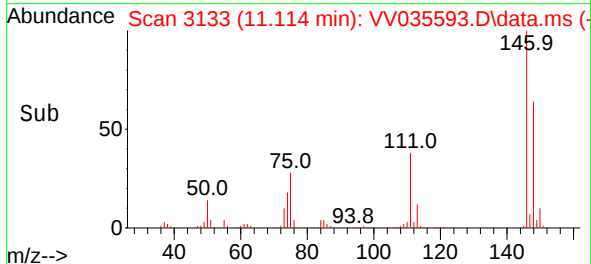
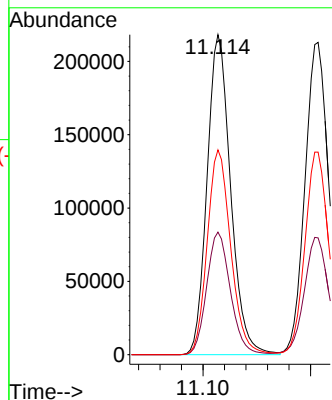
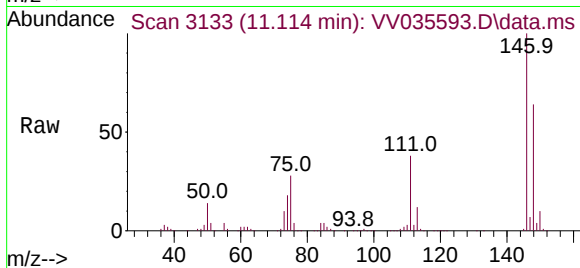
Tgt Ion:146 Resp: 332013

Ion Ratio Lower Upper

146 100

111 38.3 27.9 51.7

148 64.0 45.1 83.9



#65

1,4-Dichlorobenzene

Concen: 47.967 ug/L

RT: 11.207 min Scan# 3162

Delta R.T. 0.003 min

Lab File: VV035593.D

Acq: 13 May 2024 11:35

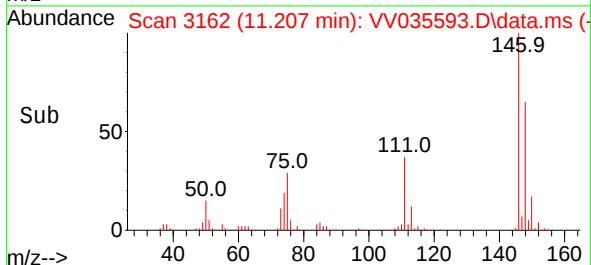
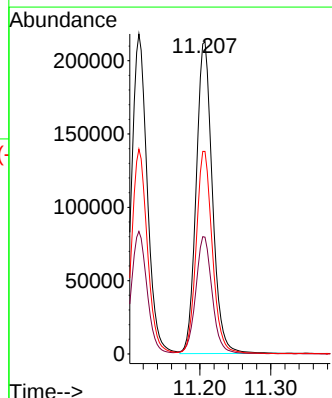
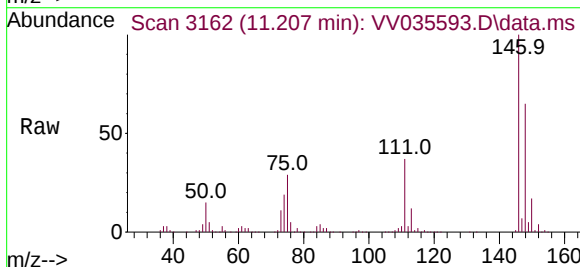
Tgt Ion:146 Resp: 337626

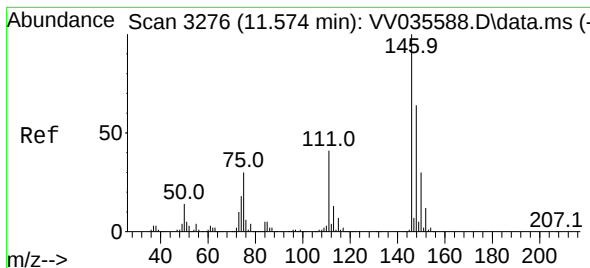
Ion Ratio Lower Upper

146 100

111 37.4 26.4 49.0

148 64.8 44.3 82.3





#67

1,2-Dichlorobenzene

Concen: 50.072 ug/L

RT: 11.574 min Scan# 3276

Delta R.T. 0.000 min

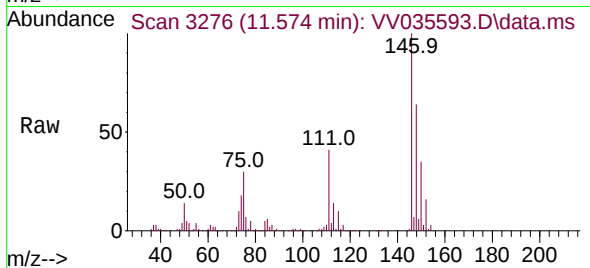
Lab File: VV035593.D

Acq: 13 May 2024 11:35

Instrument :

MSVOA_V

ClientSampleId :



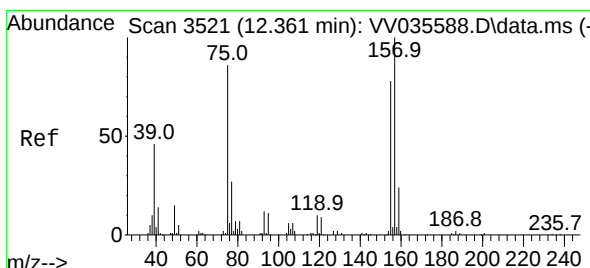
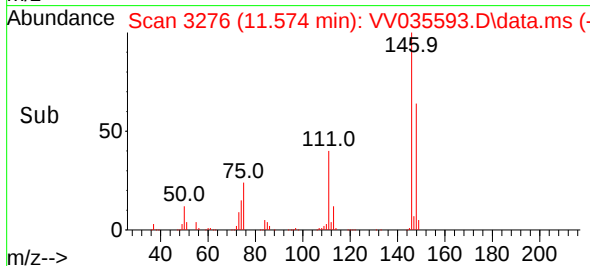
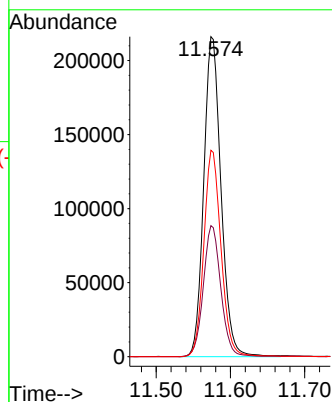
Tgt Ion:146 Resp: 349451

Ion Ratio Lower Upper

146 100

111 41.0 32.1 48.1

148 64.5 51.5 77.3



#68

1,2-Dibromo-3-chloropropane

Concen: 50.053 ug/L

RT: 12.361 min Scan# 3521

Delta R.T. 0.000 min

Lab File: VV035593.D

Acq: 13 May 2024 11:35

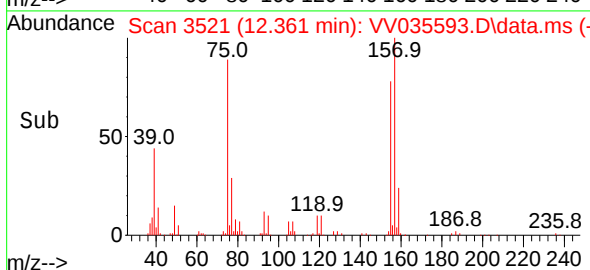
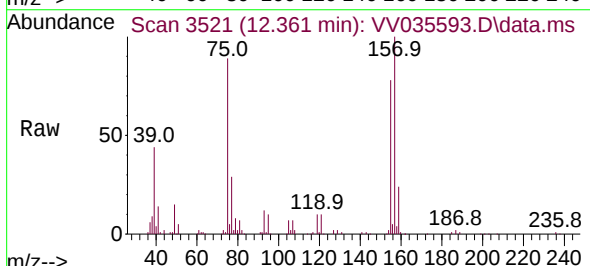
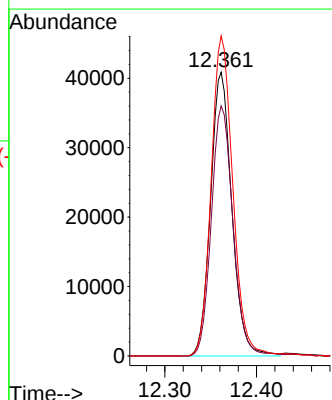
Tgt Ion: 75 Resp: 65970

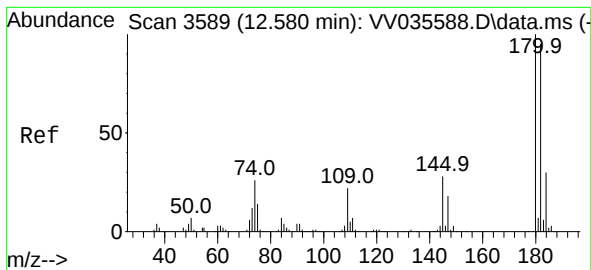
Ion Ratio Lower Upper

75 100

155 88.2 71.4 107.2

157 112.8 95.0 142.4





#69

1,3,5-Trichlorobenzene

Concen: 47.423 ug/L

RT: 12.580 min Scan# 3589

Delta R.T. 0.000 min

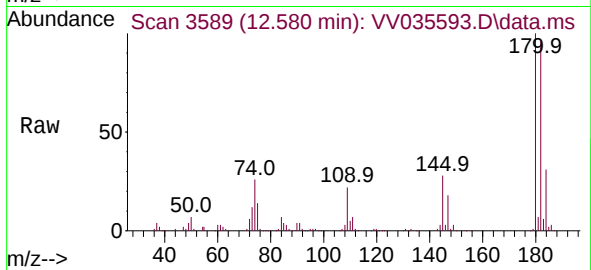
Lab File: VV035593.D

Acq: 13 May 2024 11:35

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 240114

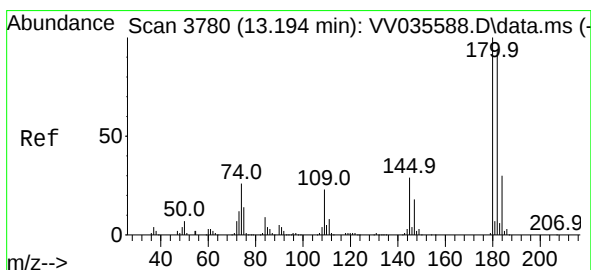
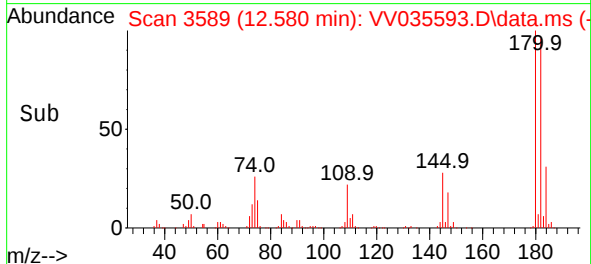
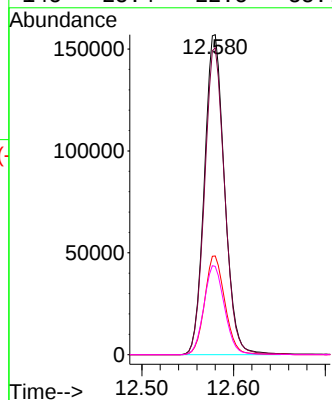
Ion Ratio Lower Upper

180 100

182 95.3 75.7 113.5

184 31.0 24.1 36.1

145 28.4 22.5 33.7



#70

1,2,4-trichlorobenzene

Concen: 48.401 ug/L

RT: 13.194 min Scan# 3780

Delta R.T. 0.000 min

Lab File: VV035593.D

Acq: 13 May 2024 11:35

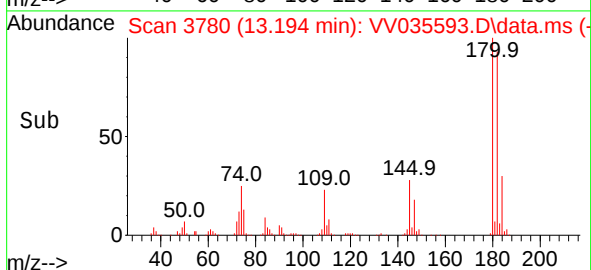
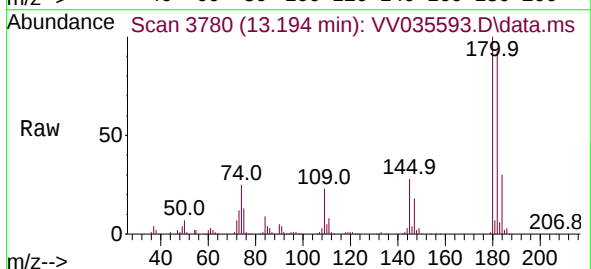
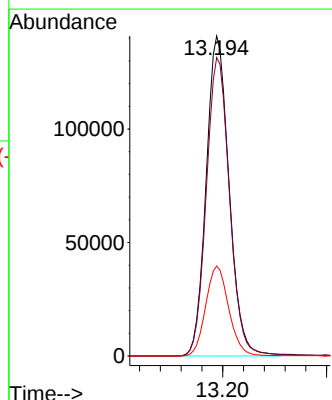
Tgt Ion:180 Resp: 215888

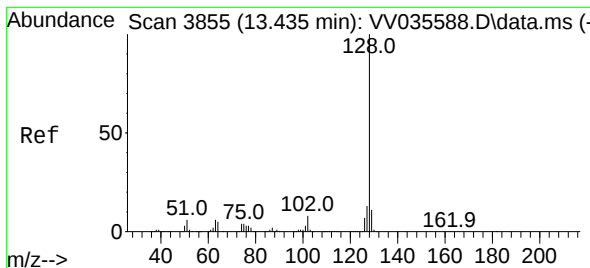
Ion Ratio Lower Upper

180 100

182 94.8 75.7 113.5

145 28.2 23.0 34.4





#71

Naphthalene

Concen: 51.285 ug/L

RT: 13.435 min Scan# 3855

Delta R.T. 0.000 min

Lab File: VV035593.D

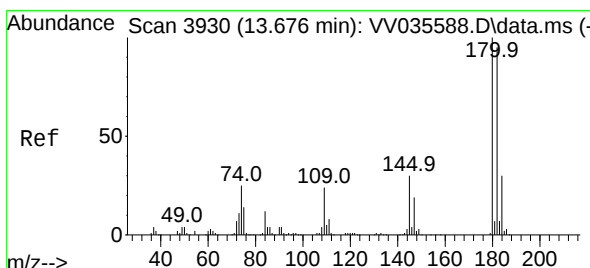
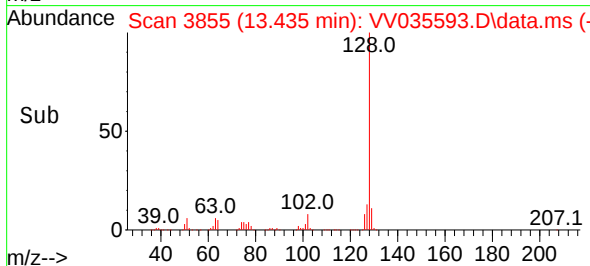
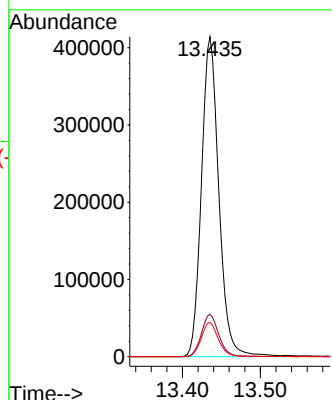
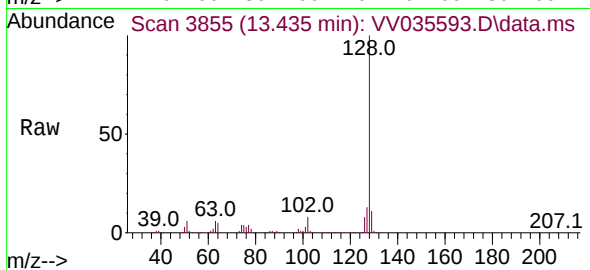
Acq: 13 May 2024 11:35

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	128	Resp:	641124
Ion Ratio	Lower	Upper	
128	100		
127	13.3	10.2	15.4
129	10.6	8.7	13.1



#72

1,2,3-Trichlorobenzene

Concen: 53.131 ug/L

RT: 13.676 min Scan# 3930

Delta R.T. 0.000 min

Lab File: VV035593.D

Acq: 13 May 2024 11:35

Tgt Ion:	180	Resp:	245989
Ion Ratio	Lower	Upper	
180	100		
182	94.4	76.2	114.2
145	30.9	24.9	37.3

