

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW020824\
 Data File : VW034095.D
 Acq On : 09 Feb 2024 06:09
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 09 06:27:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Feb 09 03:48:51 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	79598	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	73173	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	38349	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	21352	3.464	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.200%
7) Chloroethane-d5	1.532	69	21152	3.917	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.400%
11) 1,1-Dichloroethene-d2	2.060	65	11462	3.855	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.200%
20) 2-Butanone-d5	3.815	46	54065	52.220	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.440%
24) Chloroform-d	4.252	84	51995	4.642	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.800%
26) 1,2-Dichloroethane-d4	4.947	65	25327	4.838	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.800%
32) Benzene-d6	4.963	84	90773	4.135	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.600%
36) 1,2-Dichloropropane-d6	5.992	67	25950	4.229	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.600%
41) Toluene-d8	7.246	98	84118	4.169	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.400%
43) trans-1,3-Dichloroprop...	7.558	79	8375	3.614	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.200%
46) 2-Hexanone-d5	8.027	63	42547	51.435	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.860%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	18095	4.864	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.200%
66) 1,2-Dichlorobenzene-d4	11.561	152	31859	4.568	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	34265	4.697	ug/L	99
3) Chloromethane	1.214	50	37350	4.694	ug/L	97
5) Vinyl chloride	1.285	62	36730	4.831	ug/L	90
6) Bromomethane	1.490	94	19728	4.927	ug/L	100
8) Chloroethane	1.552	64	22909	4.417	ug/L	96
9) Trichlorofluoromethane	1.716	101	58211	5.313	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	28664	5.005	ug/L	98
12) 1,1-Dichloroethene	2.069	96	28008	5.037	ug/L	94
13) Acetone	2.143	43	36802	46.854	ug/L #	35
14) Carbon disulfide	2.240	76	78345	4.355	ug/L	100
15) Methyl Acetate	2.388	43	10382	5.585	ug/L	99
16) Methylene chloride	2.449	84	32328	6.059	ug/L	98
17) Methyl tert-butyl Ether	2.706	73	63092	5.522	ug/L	98
18) trans-1,2-Dichloroethene	2.696	96	27652	4.882	ug/L	95
19) 1,1-Dichloroethane	3.114	63	52880	5.081	ug/L	96
21) 2-Butanone	3.902	43	50056	48.225	ug/L #	56
22) cis-1,2-Dichloroethene	3.818	96	30281	4.712	ug/L	97
23) Bromochloromethane	4.153	128	12243	5.481	ug/L	91
25) Chloroform	4.278	83	54742	5.204	ug/L	94

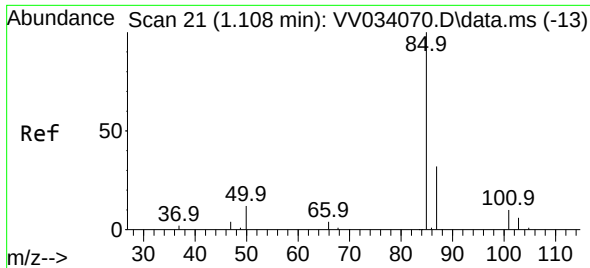
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW020824\
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Feb 09 03:48:51 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.047	62	32573	5.407	ug/L	98
29) 1,1,1-Trichloroethane	4.513	97	52436	5.338	ug/L	99
30) Cyclohexane	4.584	56	43228	4.525	ug/L	96
31) Carbon tetrachloride	4.738	117	45527	5.296	ug/L	98
33) Benzene	5.011	78	105931	4.827	ug/L	100
34) Trichloroethene	5.834	95	30459	4.795	ug/L	98
35) Methylcyclohexane	6.050	83	44075	4.421	ug/L	95
37) 1,2-Dichloropropane	6.095	63	24646	4.636	ug/L #	96
38) Bromodichloromethane	6.436	83	36596	5.244	ug/L	96
39) cis-1,3-Dichloropropene	6.956	75	34830	4.306	ug/L	97
40) 4-Methyl-2-pentanone	7.159	43	135100	53.069	ug/L	98
42) Toluene	7.317	91	115357	4.918	ug/L	97
44) trans-1,3-Dichloropropene	7.587	75	27436	4.417	ug/L	95
45) 1,1,2-Trichloroethane	7.770	97	17268	5.260	ug/L	97
47) Tetrachloroethene	7.905	164	23352	4.525	ug/L	99
48) 2-Hexanone	8.079	43	92277	51.423	ug/L	100
49) Dibromochloromethane	8.178	129	20808	5.334	ug/L	100
50) 1,2-Dibromoethane	8.284	107	15682	5.322	ug/L #	98
51) Chlorobenzene	8.815	112	75413	5.085	ug/L	98
52) Ethylbenzene	8.947	91	135494	5.018	ug/L	99
53) m,p-Xylene	9.072	106	50816	4.981	ug/L	97
54) o-Xylene	9.477	106	49130	4.994	ug/L	100
55) Styrene	9.497	104	80918	5.137	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.178	83	17380	5.016	ug/L	97
59) Bromoform	9.667	173	10357	4.903	ug/L	98
60) Isopropylbenzene	9.866	105	137534	4.847	ug/L	99
61) 1,2,3-Trichloropropane	10.210	75	14030	5.322	ug/L	97
62) 1,3,5-Trimethylbenzene	10.477	105	117711	4.907	ug/L	98
63) 1,2,4-Trimethylbenzene	10.850	105	114298	4.904	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	62616	5.061	ug/L	99
65) 1,4-Dichlorobenzene	11.210	146	61566	5.025	ug/L	99
67) 1,2-Dichlorobenzene	11.580	146	55167	5.192	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.368	75	3117	5.641	ug/L	97
69) 1,3,5-Trichlorobenzene	12.583	180	46825	4.890	ug/L	99
70) 1,2,4-trichlorobenzene	13.201	180	39326	5.261	ug/L	98
71) Naphthalene	13.442	128	55643	5.681	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	32638	5.449	ug/L	99

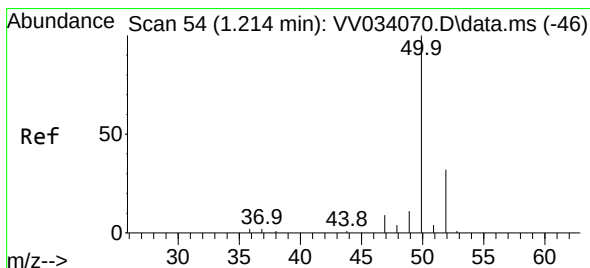
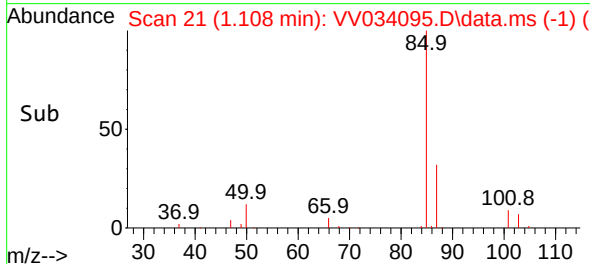
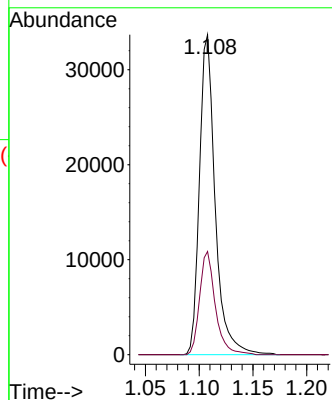
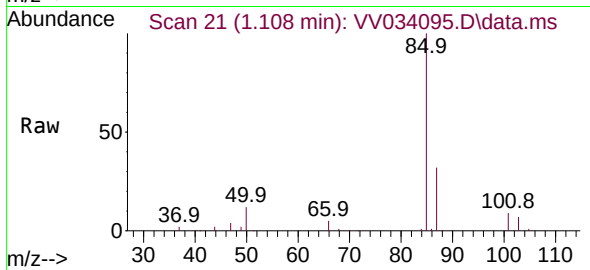
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 4.697 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV034095.D
 Acq: 09 Feb 2024 06:09

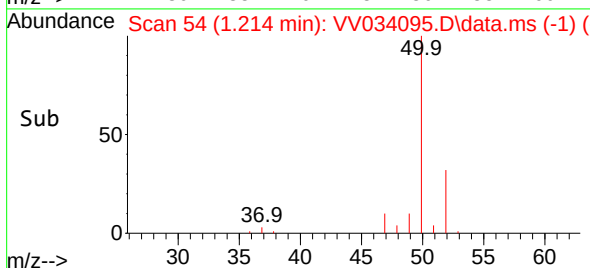
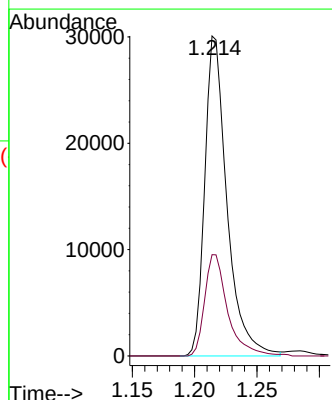
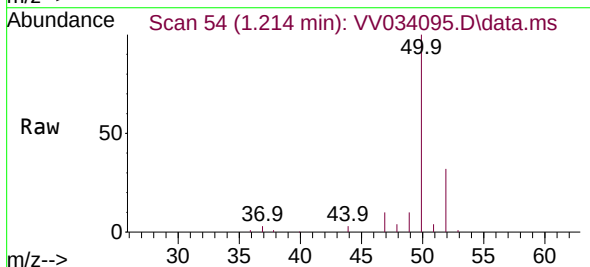
Instrument :
 MSVOA_V
 ClientSampleId :

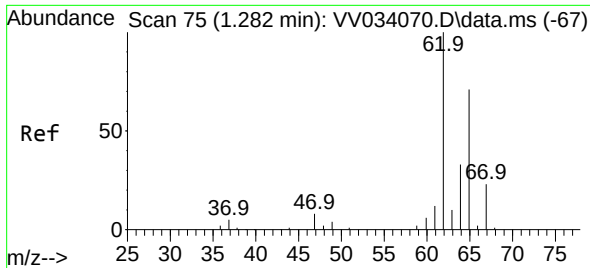
Tgt Ion: 85 Resp: 34265
 Ion Ratio Lower Upper
 85 100
 87 32.3 26.2 39.4



#3
 Chloromethane
 Concen: 4.694 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. -0.000 min
 Lab File: VV034095.D
 Acq: 09 Feb 2024 06:09

Tgt Ion: 50 Resp: 37350
 Ion Ratio Lower Upper
 50 100
 52 31.7 23.4 43.4

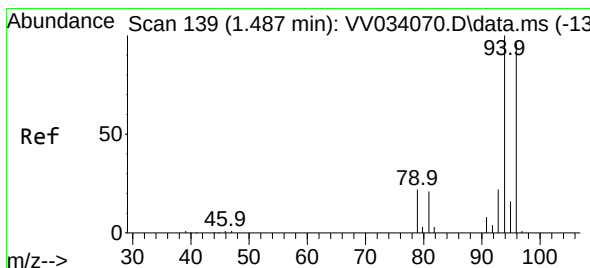
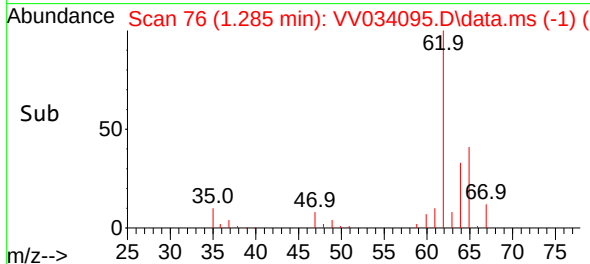
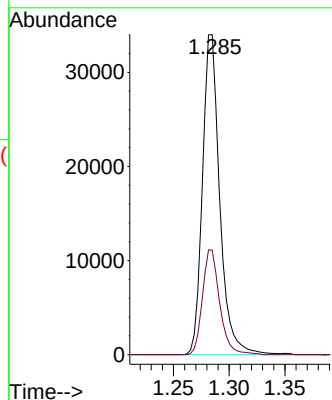
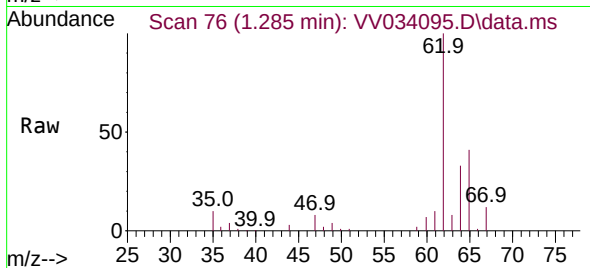




#5
 Vinyl chloride
 Concen: 4.831 ug/L
 RT: 1.285 min Scan# 70
 Delta R.T. 0.003 min
 Lab File: VV034095.D
 Acq: 09 Feb 2024 06:09

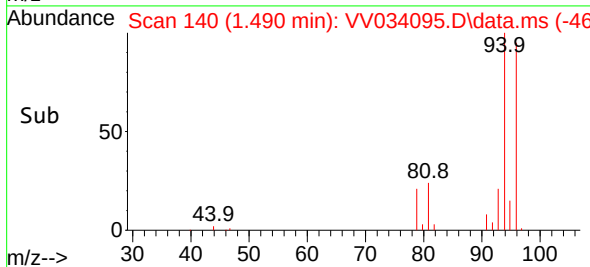
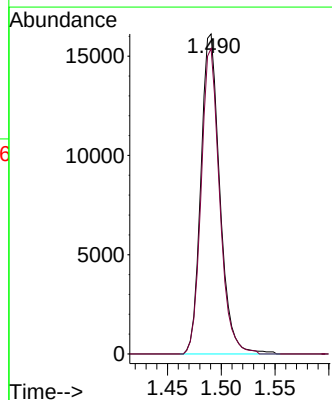
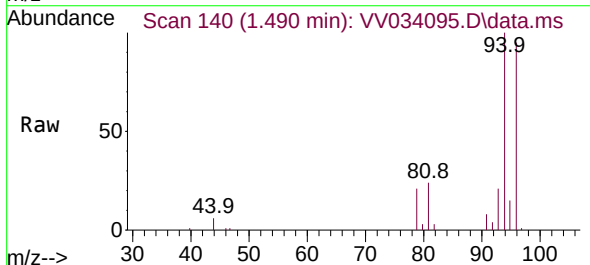
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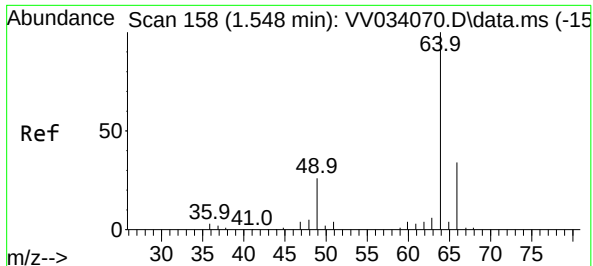
Tgt Ion: 62 Resp: 36730
 Ion Ratio Lower Upper
 62 100
 64 32.6 27.2 50.4



#6
 Bromomethane
 Concen: 4.927 ug/L
 RT: 1.490 min Scan# 140
 Delta R.T. 0.003 min
 Lab File: VV034095.D
 Acq: 09 Feb 2024 06:09

Tgt Ion: 94 Resp: 19728
 Ion Ratio Lower Upper
 94 100
 96 95.5 66.6 123.8

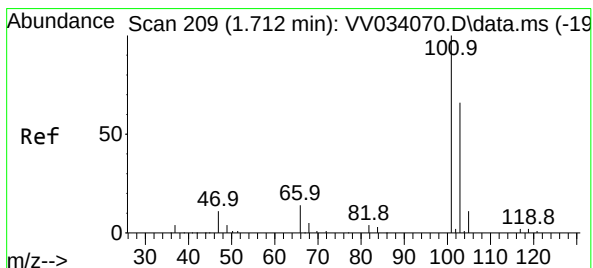
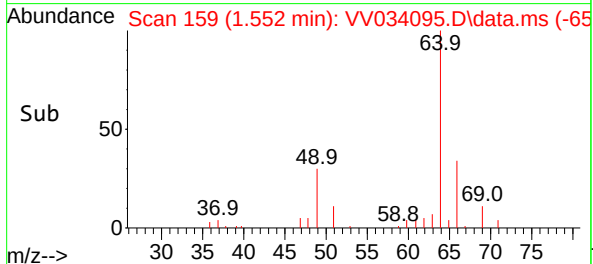
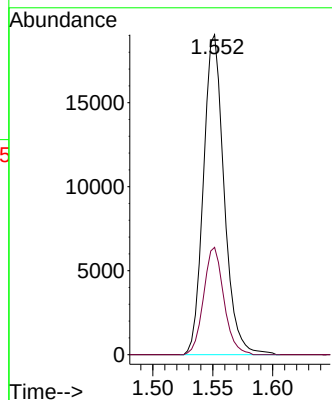
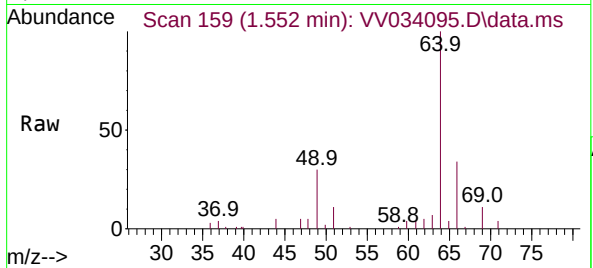




#8
Chloroethane
Concen: 4.417 ug/L
RT: 1.552 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV034095.D
Acq: 09 Feb 2024 06:09

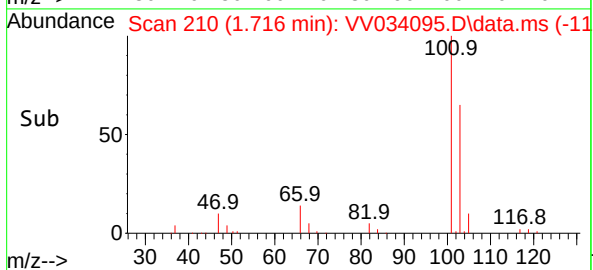
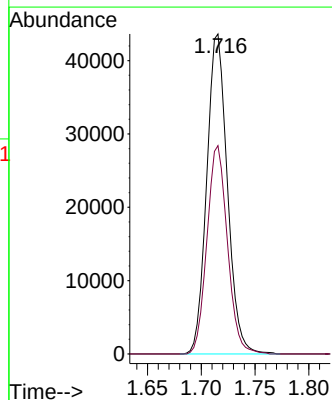
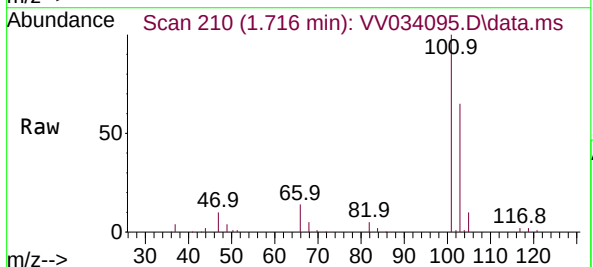
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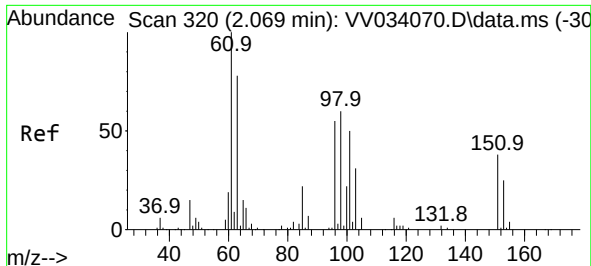
Tgt Ion: 64 Resp: 22909
Ion Ratio Lower Upper
64 100
66 33.6 22.0 41.0



#9
Trichlorofluoromethane
Concen: 5.313 ug/L
RT: 1.716 min Scan# 210
Delta R.T. 0.003 min
Lab File: VV034095.D
Acq: 09 Feb 2024 06:09

Tgt Ion:101 Resp: 58211
Ion Ratio Lower Upper
101 100
103 64.6 51.0 76.4

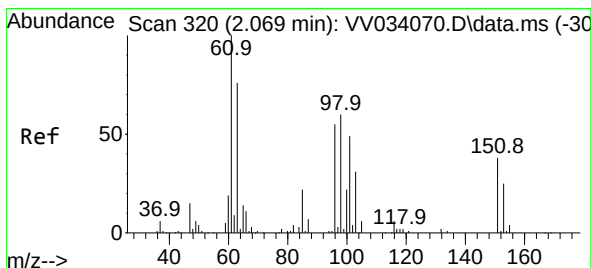
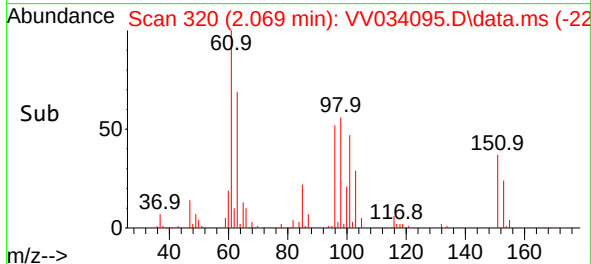
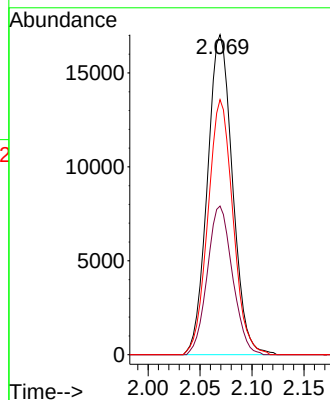
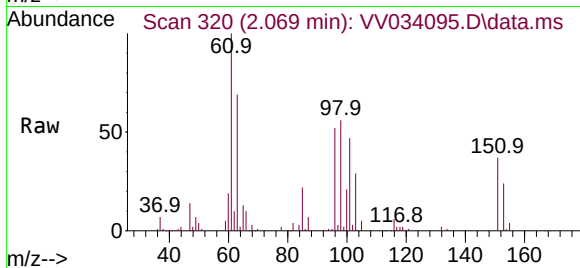




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.005 ug/L
 RT: 2.069 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VV034095.D
 Acq: 09 Feb 2024 06:09

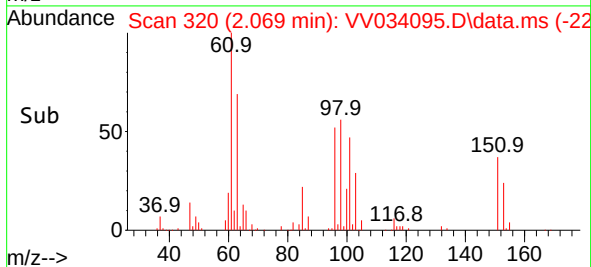
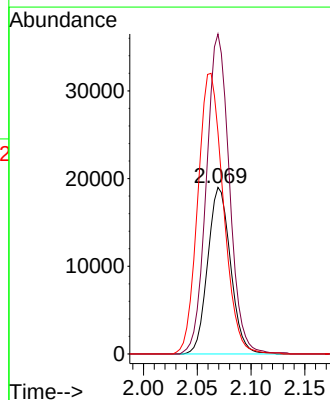
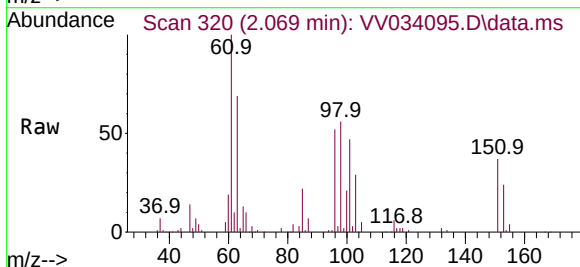
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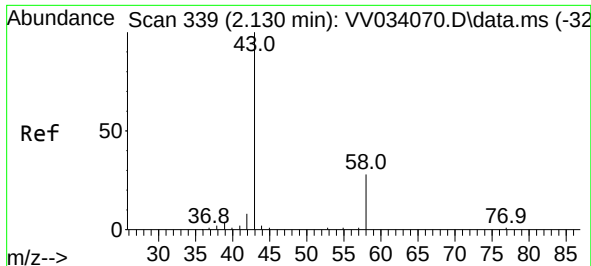
Tgt Ion:101 Resp: 28664
 Ion Ratio Lower Upper
 101 100
 85 46.4 37.1 55.7
 151 79.5 61.7 92.5



#12
 1,1-Dichloroethene
 Concen: 5.037 ug/L
 RT: 2.069 min Scan# 320
 Delta R.T. -0.000 min
 Lab File: VV034095.D
 Acq: 09 Feb 2024 06:09

Tgt Ion: 96 Resp: 28008
 Ion Ratio Lower Upper
 96 100
 61 192.2 128.8 239.2
 63 133.2 97.9 181.9





#13

Acetone

Concen: 46.854 ug/L

RT: 2.143 min Scan# 34

Delta R.T. 0.013 min

Lab File: VV034095.D

Acq: 09 Feb 2024 06:09

Instrument :

MSVOA_V

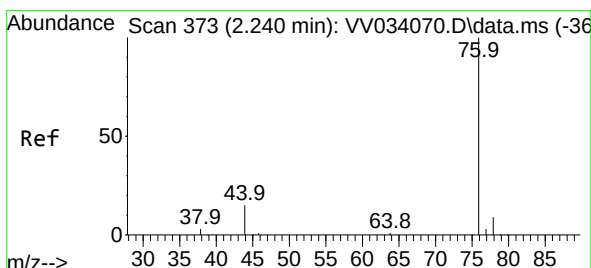
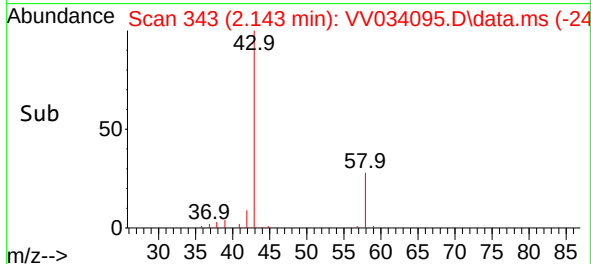
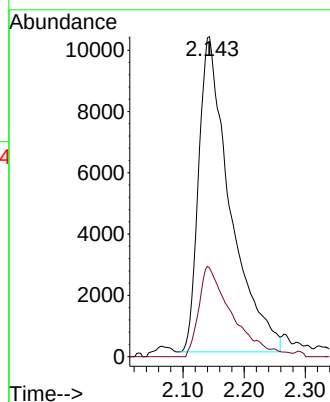
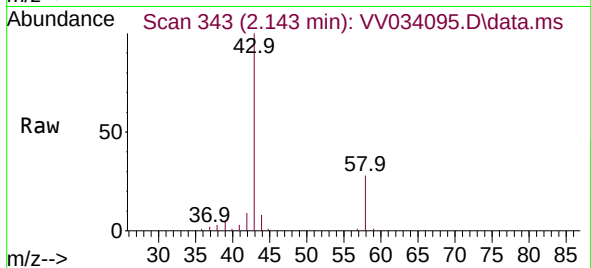
ClientSampleId :

Tgt Ion: 43 Resp: 36802

Ion Ratio Lower Upper

43 100

58 29.2 0.0 13.8#



#14

Carbon disulfide

Concen: 4.355 ug/L

RT: 2.240 min Scan# 373

Delta R.T. -0.000 min

Lab File: VV034095.D

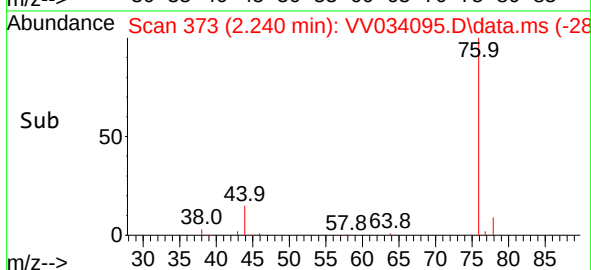
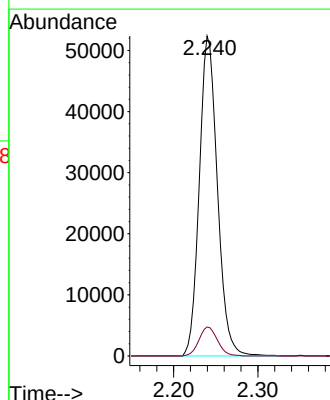
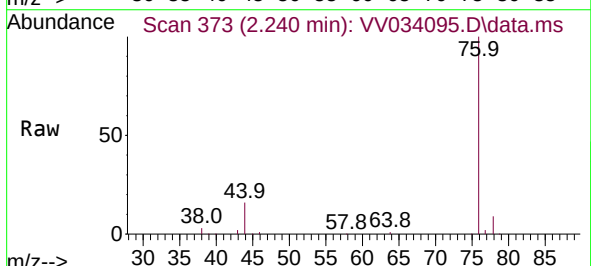
Acq: 09 Feb 2024 06:09

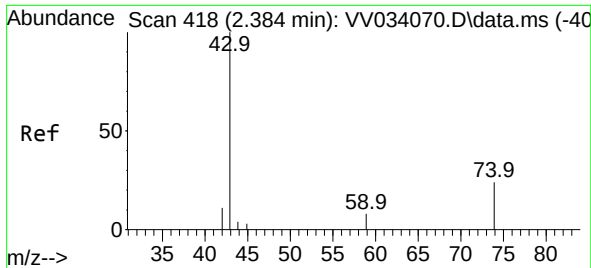
Tgt Ion: 76 Resp: 78345

Ion Ratio Lower Upper

76 100

78 9.3 7.5 11.3

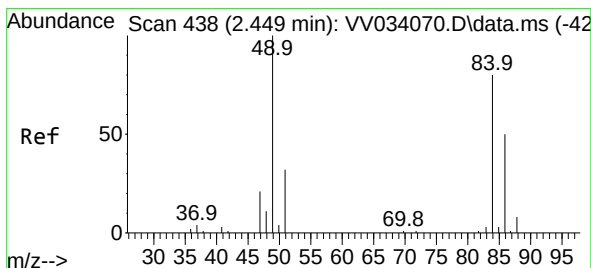
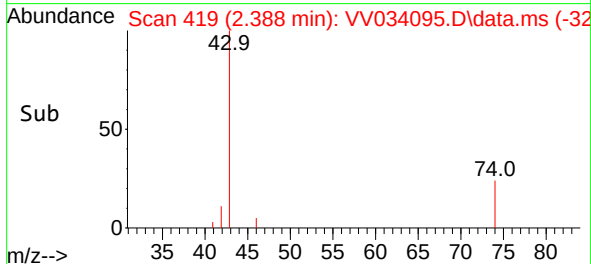
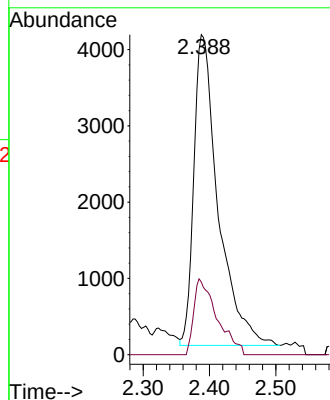
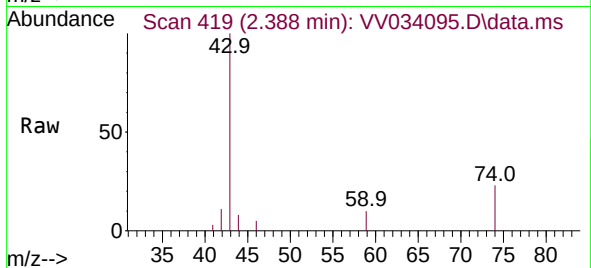




#15
Methyl Acetate
Concen: 5.585 ug/L
RT: 2.388 min Scan# 418
Delta R.T. 0.003 min
Lab File: VV034095.D
Acq: 09 Feb 2024 06:09

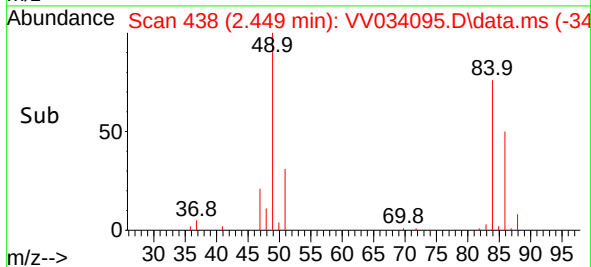
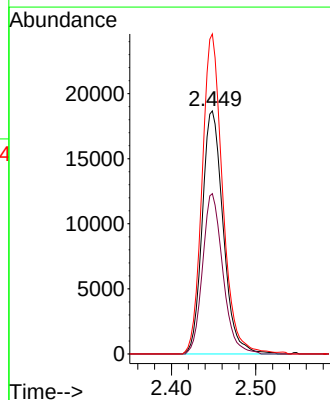
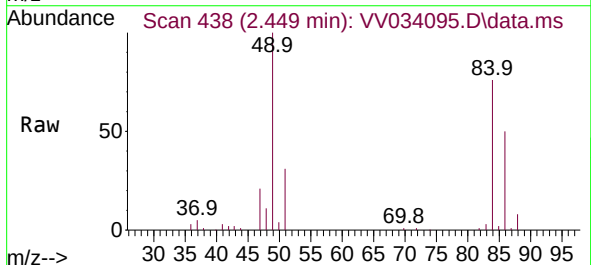
Instrument :
MSVOA_V
ClientSampleId :

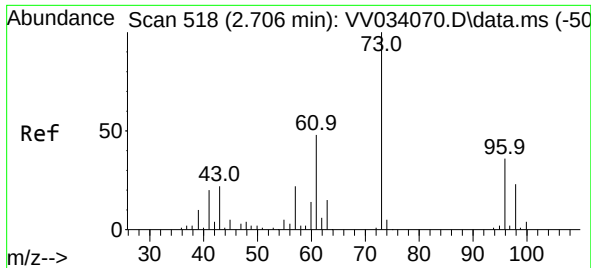
Tgt Ion: 43 Resp: 10382
Ion Ratio Lower Upper
43 100
74 23.2 18.2 27.4



#16
Methylene chloride
Concen: 6.059 ug/L
RT: 2.449 min Scan# 438
Delta R.T. -0.000 min
Lab File: VV034095.D
Acq: 09 Feb 2024 06:09

Tgt Ion: 84 Resp: 32328
Ion Ratio Lower Upper
84 100
86 66.0 44.7 83.1
49 131.7 93.7 173.9





#17

Methyl tert-butyl Ether

Concen: 5.522 ug/L

RT: 2.706 min Scan# 518

Delta R.T. -0.000 min

Lab File: VV034095.D

Acq: 09 Feb 2024 06:09

Instrument :

MSVOA_V

ClientSampleId :

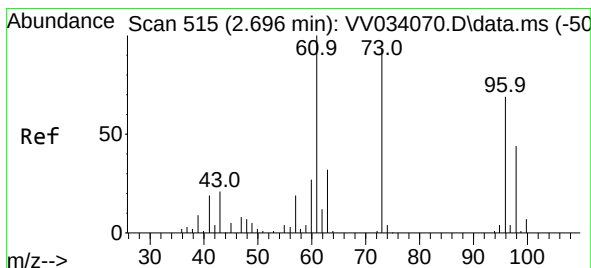
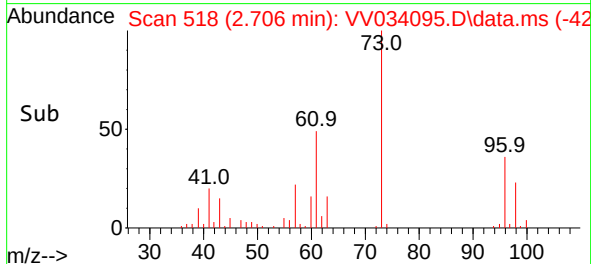
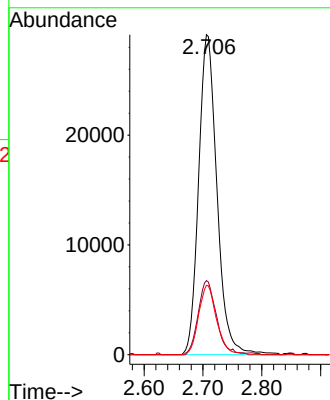
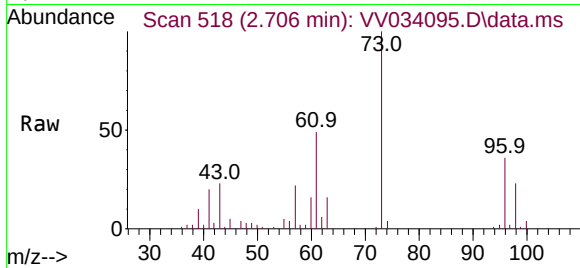
Tgt Ion: 73 Resp: 63092

Ion Ratio Lower Upper

73 100

43 23.0 17.7 26.5

57 21.2 17.9 26.9



#18

trans-1,2-Dichloroethene

Concen: 4.882 ug/L

RT: 2.696 min Scan# 515

Delta R.T. -0.000 min

Lab File: VV034095.D

Acq: 09 Feb 2024 06:09

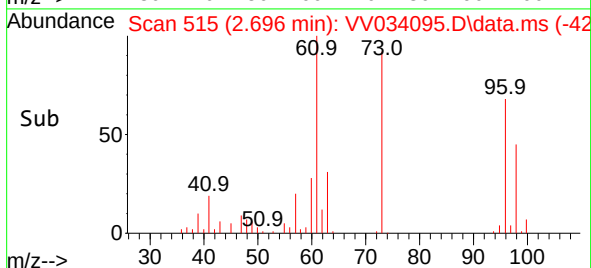
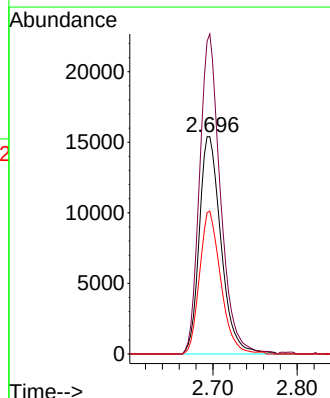
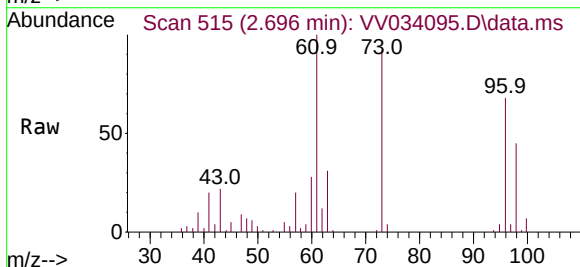
Tgt Ion: 96 Resp: 27652

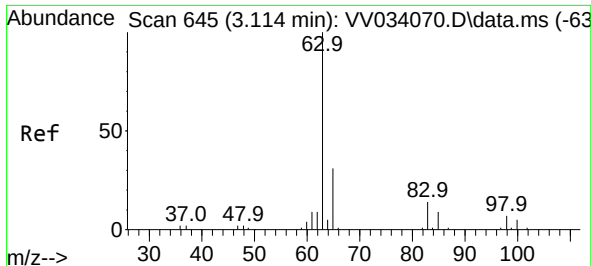
Ion Ratio Lower Upper

96 100

61 147.2 97.6 181.4

98 65.7 44.4 82.5

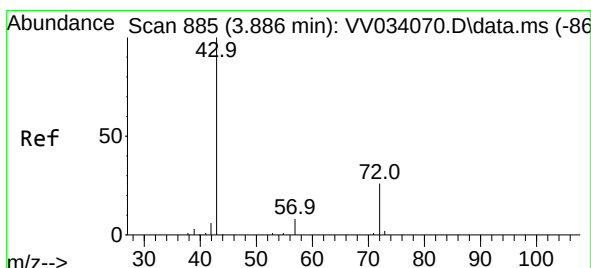
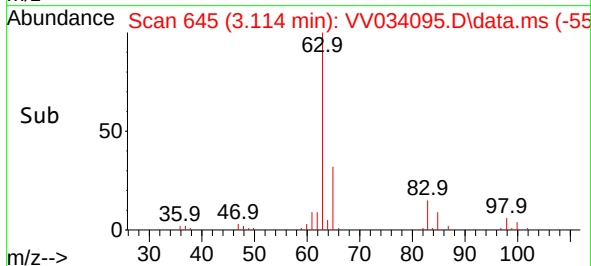
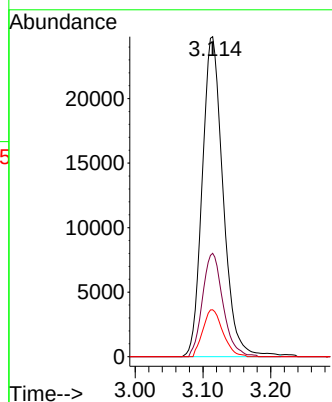
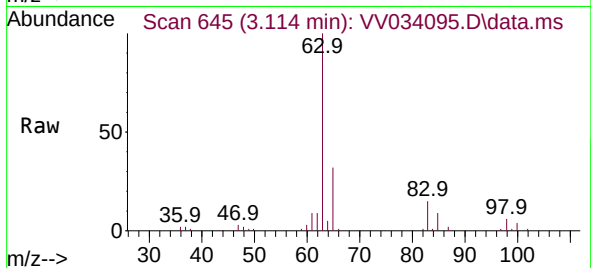




#19
1,1-Dichloroethane
Concen: 5.081 ug/L
RT: 3.114 min Scan# 64
Delta R.T. -0.000 min
Lab File: VV034095.D
Acq: 09 Feb 2024 06:09

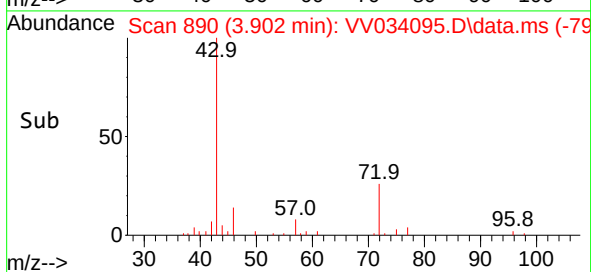
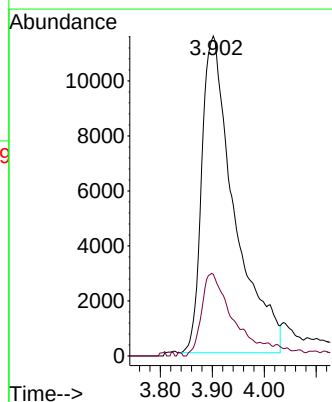
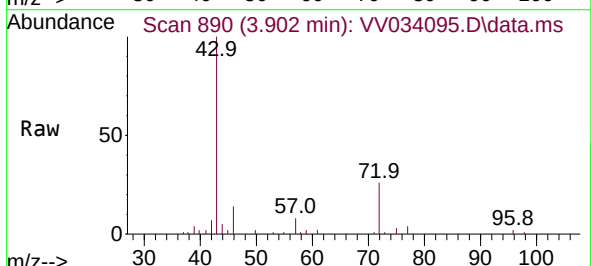
Instrument :
MSVOA_V
ClientSampleId :

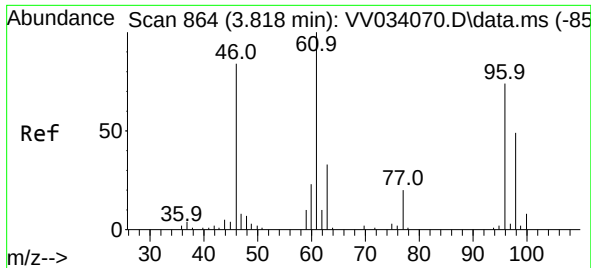
Tgt Ion: 63 Resp: 52880
Ion Ratio Lower Upper
63 100
65 32.3 20.8 38.6
83 14.6 9.4 17.4



#21
2-Butanone
Concen: 48.225 ug/L
RT: 3.902 min Scan# 890
Delta R.T. 0.016 min
Lab File: VV034095.D
Acq: 09 Feb 2024 06:09

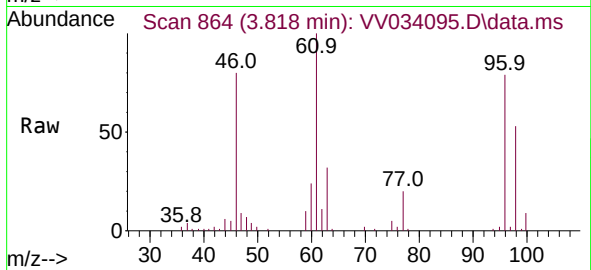
Tgt Ion: 43 Resp: 50056
Ion Ratio Lower Upper
43 100
72 23.5 4.0 11.9#





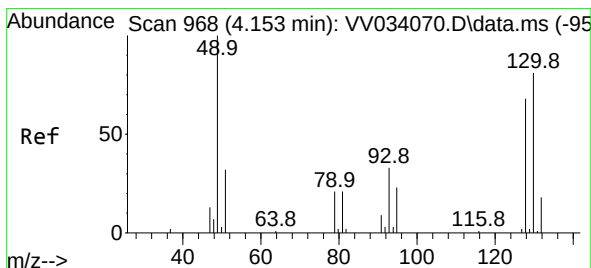
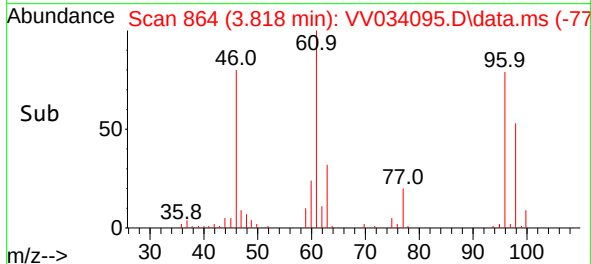
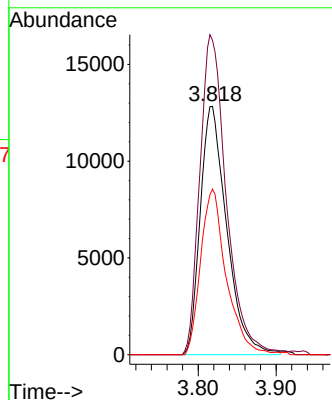
#22
 cis-1,2-Dichloroethene
 Concen: 4.712 ug/L
 RT: 3.818 min Scan# 864
 Delta R.T. -0.000 min
 Lab File: VV034095.D
 Acq: 09 Feb 2024 06:09

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 96 Resp: 30281

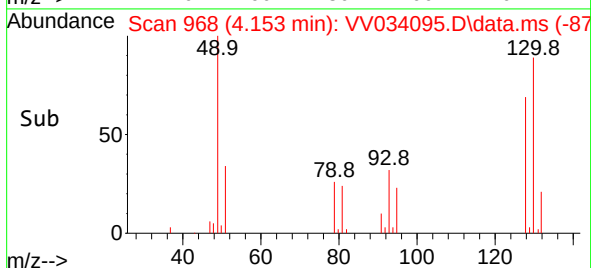
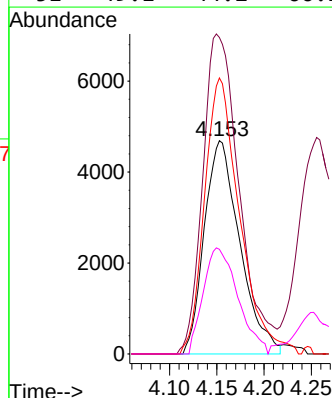
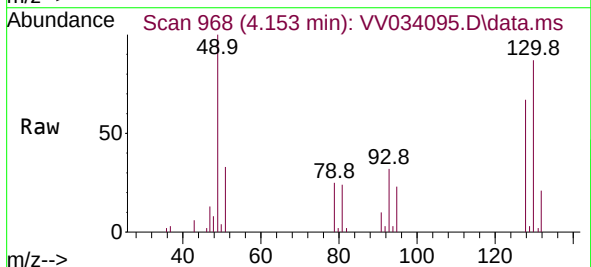
Ion	Ratio	Lower	Upper
96	100		
61	126.6	90.3	167.7
98	66.7	43.2	80.2

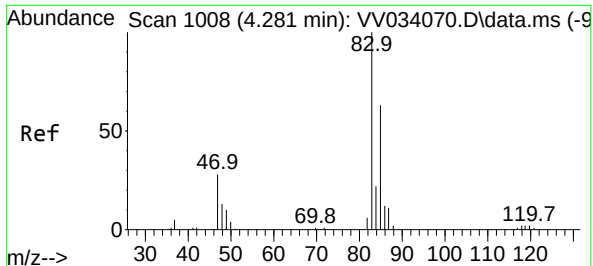


#23
 Bromochloromethane
 Concen: 5.481 ug/L
 RT: 4.153 min Scan# 968
 Delta R.T. -0.000 min
 Lab File: VV034095.D
 Acq: 09 Feb 2024 06:09

Tgt Ion: 128 Resp: 12243

Ion	Ratio	Lower	Upper
128	100		
49	154.6	120.5	223.7
130	129.4	93.4	173.4
51	49.1	44.2	66.2





#25

Chloroform

Concen: 5.204 ug/L

RT: 4.278 min Scan# 1008

Delta R.T. -0.003 min

Lab File: VV034095.D

Acq: 09 Feb 2024 06:09

Instrument :

MSVOA_V

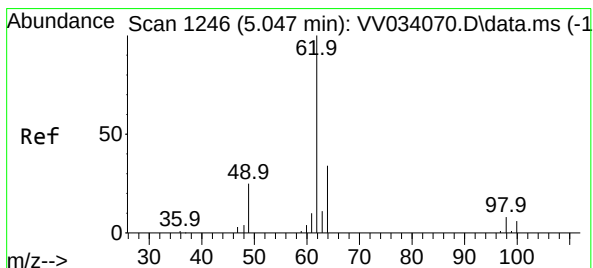
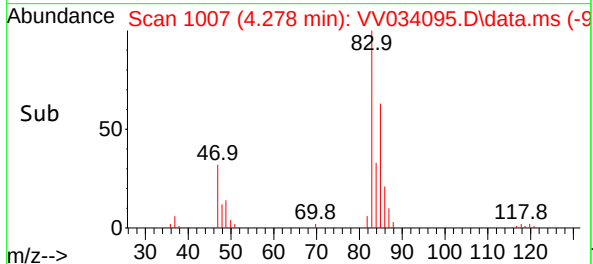
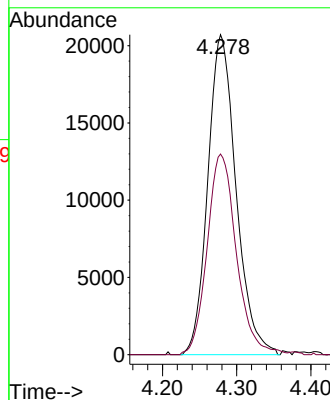
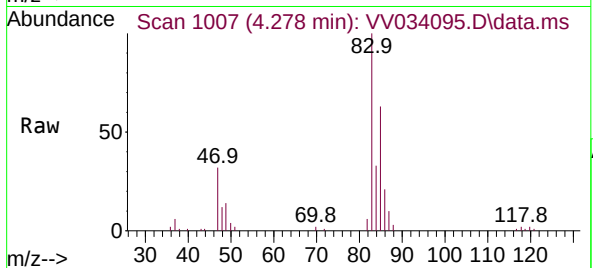
ClientSampleId :

Tgt Ion: 83 Resp: 54742

Ion Ratio Lower Upper

83 100

85 62.7 47.5 88.1



#27

1,2-Dichloroethane

Concen: 5.407 ug/L

RT: 5.047 min Scan# 1246

Delta R.T. -0.000 min

Lab File: VV034095.D

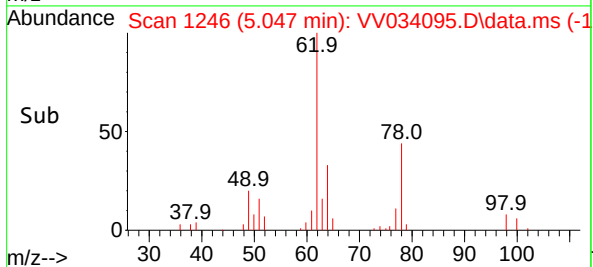
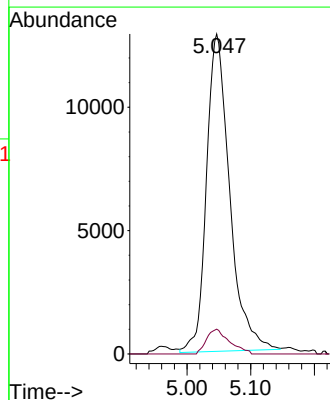
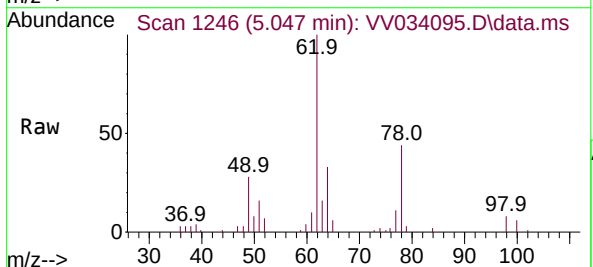
Acq: 09 Feb 2024 06:09

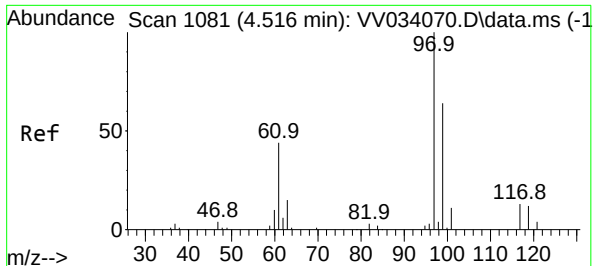
Tgt Ion: 62 Resp: 32573

Ion Ratio Lower Upper

62 100

98 7.8 6.9 10.3





#29

1,1,1-Trichloroethane

Concen: 5.338 ug/L

RT: 4.513 min Scan# 1081

Delta R.T. -0.003 min

Lab File: VV034095.D

Acq: 09 Feb 2024 06:09

Instrument :

MSVOA_V

ClientSampleId :

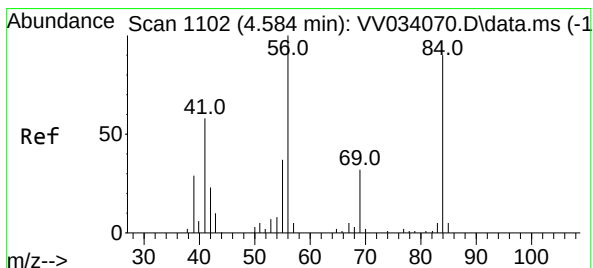
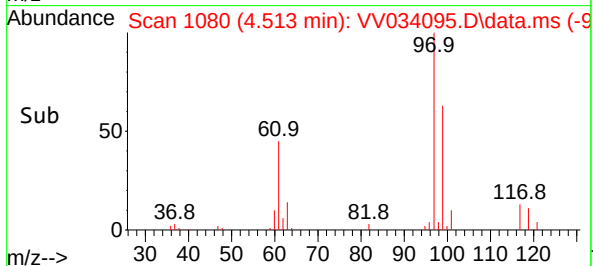
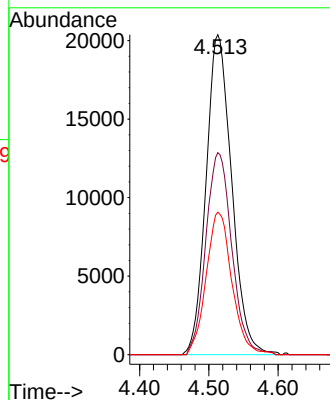
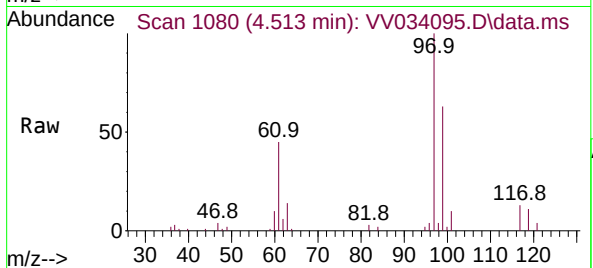
Tgt Ion: 97 Resp: 52436

Ion Ratio Lower Upper

97 100

99 64.0 50.6 75.8

61 44.7 36.8 55.2



#30

Cyclohexane

Concen: 4.525 ug/L

RT: 4.584 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VV034095.D

Acq: 09 Feb 2024 06:09

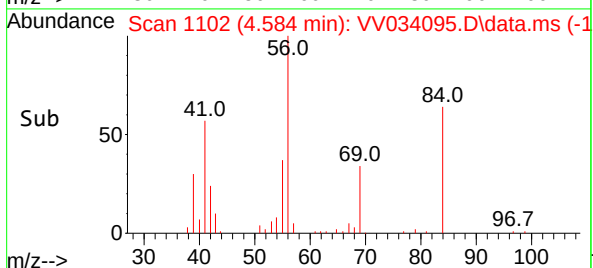
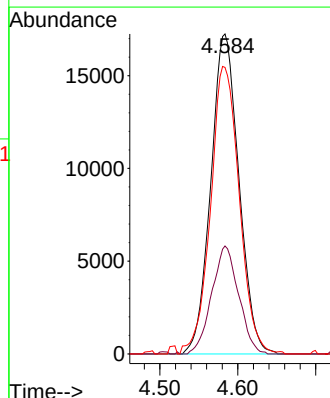
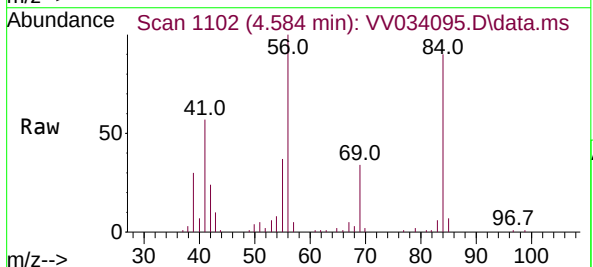
Tgt Ion: 56 Resp: 43228

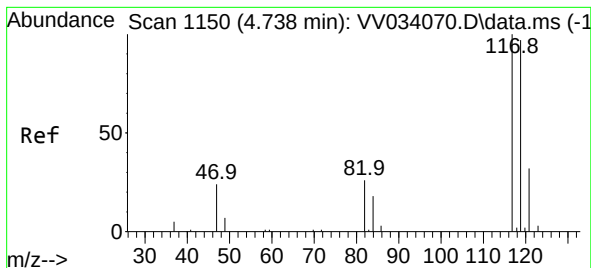
Ion Ratio Lower Upper

56 100

69 32.3 24.2 36.2

84 91.8 70.0 105.0





#31

Carbon tetrachloride

Concen: 5.296 ug/L

RT: 4.738 min Scan# 1150

Delta R.T. -0.000 min

Lab File: VV034095.D

Acq: 09 Feb 2024 06:09

Instrument :

MSVOA_V

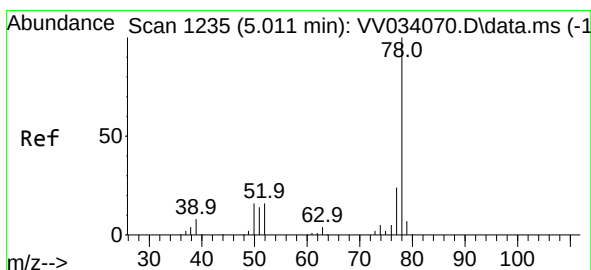
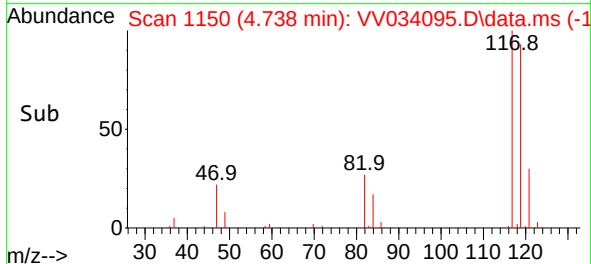
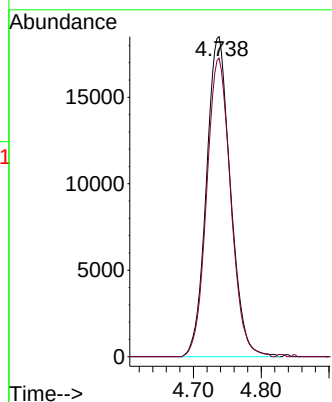
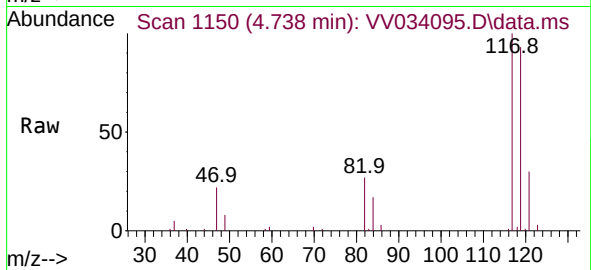
ClientSampleId :

Tgt Ion:117 Resp: 45527

Ion Ratio Lower Upper

117 100

119 93.5 76.1 114.1



#33

Benzene

Concen: 4.827 ug/L

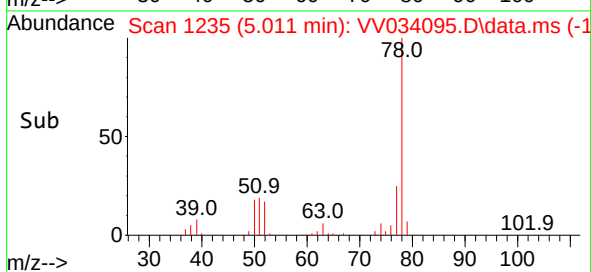
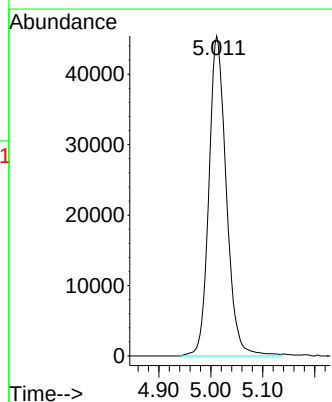
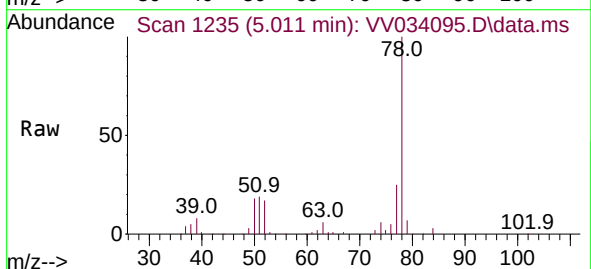
RT: 5.011 min Scan# 1235

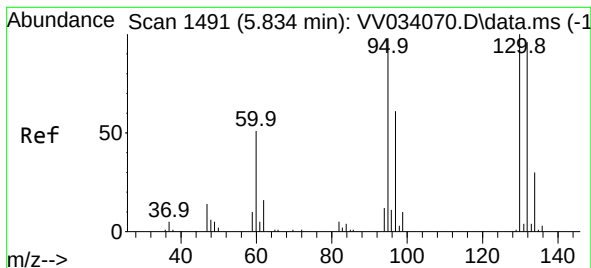
Delta R.T. -0.000 min

Lab File: VV034095.D

Acq: 09 Feb 2024 06:09

Tgt Ion: 78 Resp: 105931





#34

Trichloroethene

Concen: 4.795 ug/L

RT: 5.834 min Scan# 1491

Delta R.T. -0.000 min

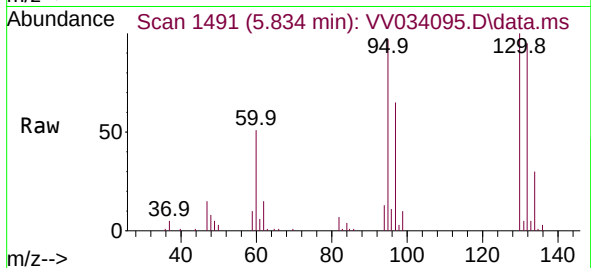
Lab File: VV034095.D

Acq: 09 Feb 2024 06:09

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 95 Resp: 30459

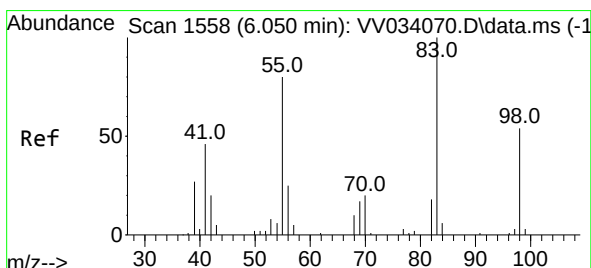
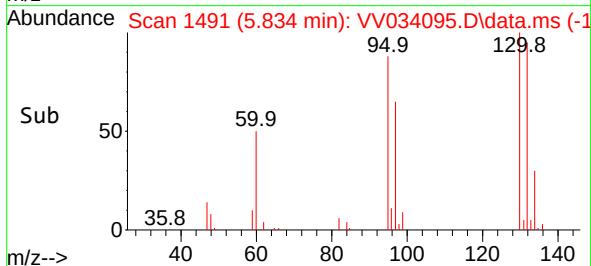
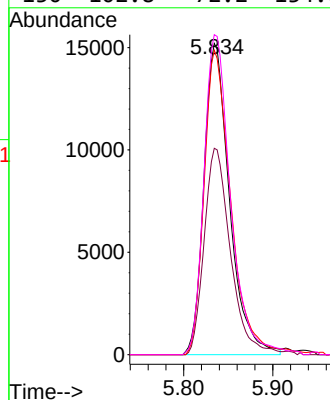
Ion Ratio Lower Upper

95 100

97 66.4 45.1 83.7

132 97.8 66.0 122.6

130 102.8 72.2 134.0



#35

Methylcyclohexane

Concen: 4.421 ug/L

RT: 6.050 min Scan# 1558

Delta R.T. -0.000 min

Lab File: VV034095.D

Acq: 09 Feb 2024 06:09

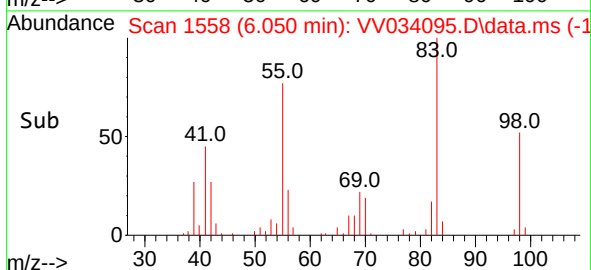
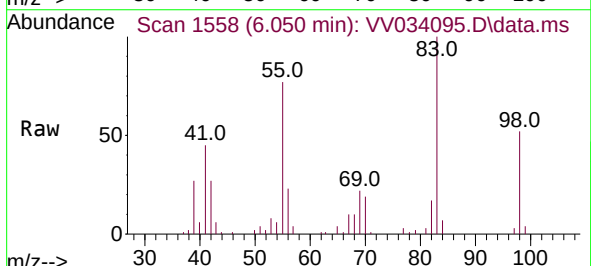
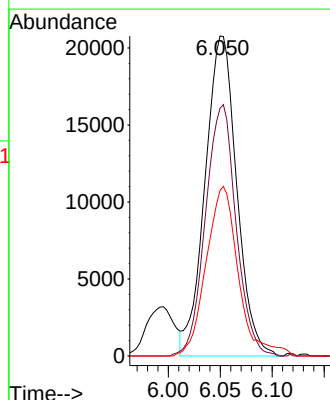
Tgt Ion: 83 Resp: 44075

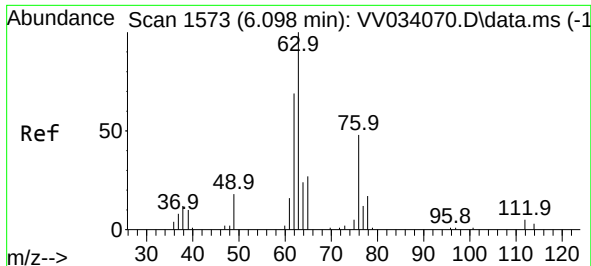
Ion Ratio Lower Upper

83 100

55 75.8 63.5 95.3

98 53.7 39.0 58.4





#37

1,2-Dichloropropane

Concen: 4.636 ug/L

RT: 6.095 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV034095.D

Acq: 09 Feb 2024 06:09

Instrument :

MSVOA_V

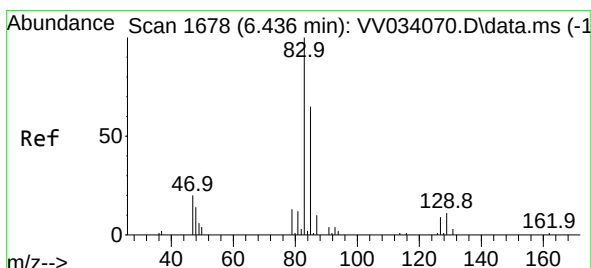
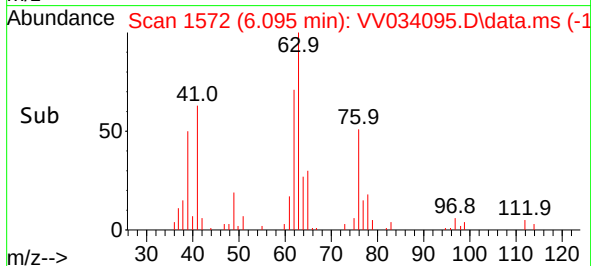
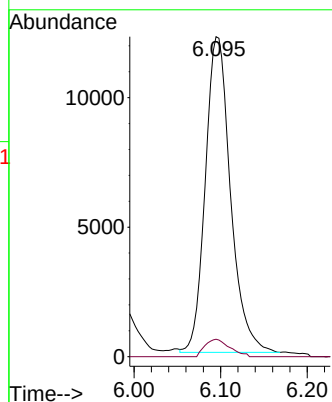
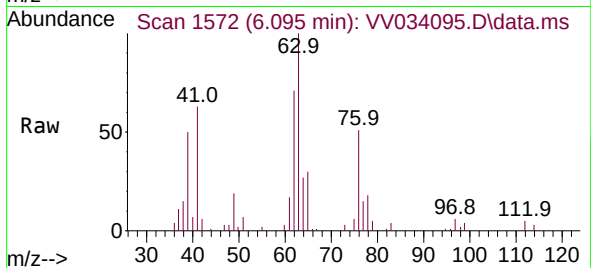
ClientSampleId :

Tgt Ion: 63 Resp: 24646

Ion Ratio Lower Upper

63 100

112 5.4 3.4 5.0#



#38

Bromodichloromethane

Concen: 5.244 ug/L

RT: 6.436 min Scan# 1678

Delta R.T. -0.000 min

Lab File: VV034095.D

Acq: 09 Feb 2024 06:09

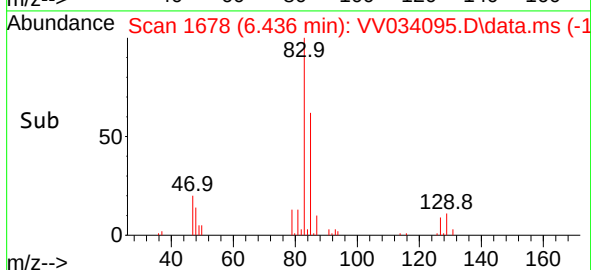
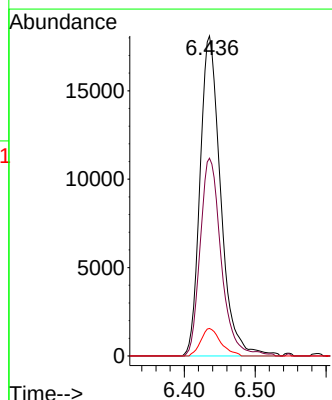
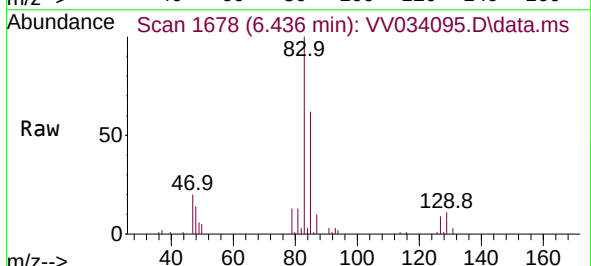
Tgt Ion: 83 Resp: 36596

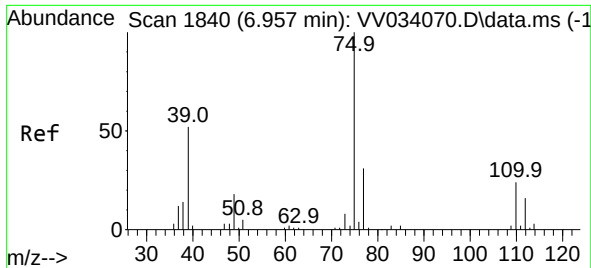
Ion Ratio Lower Upper

83 100

85 61.8 45.4 84.2

127 8.6 6.5 9.7





#39

cis-1,3-Dichloropropene

Concen: 4.306 ug/L

RT: 6.956 min Scan# 1840

Delta R.T. -0.000 min

Lab File: VV034095.D

Acq: 09 Feb 2024 06:09

Instrument :

MSVOA_V

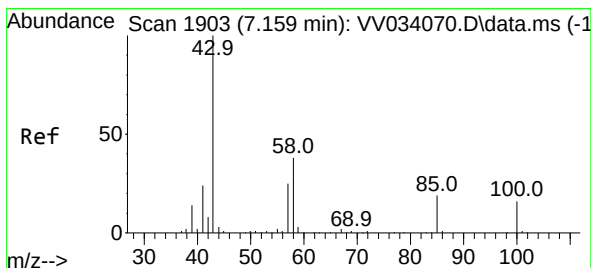
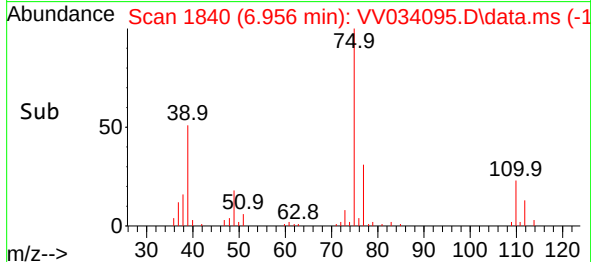
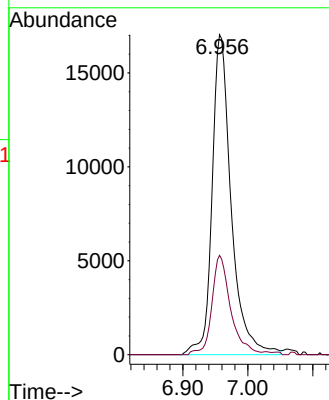
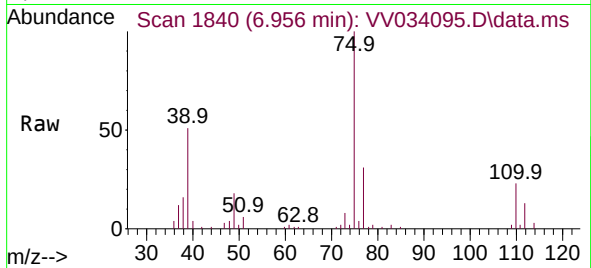
ClientSampleId :

Tgt Ion: 75 Resp: 34830

Ion Ratio Lower Upper

75 100

77 31.1 22.9 42.5



#40

4-Methyl-2-pentanone

Concen: 53.069 ug/L

RT: 7.159 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VV034095.D

Acq: 09 Feb 2024 06:09

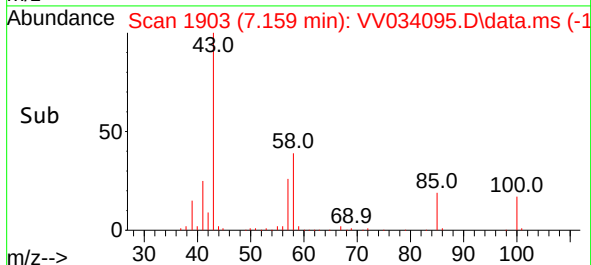
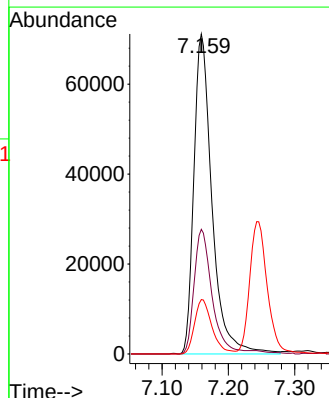
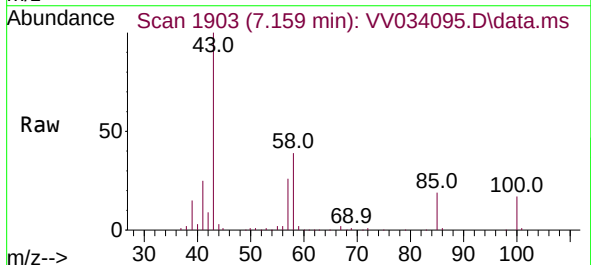
Tgt Ion: 43 Resp: 135100

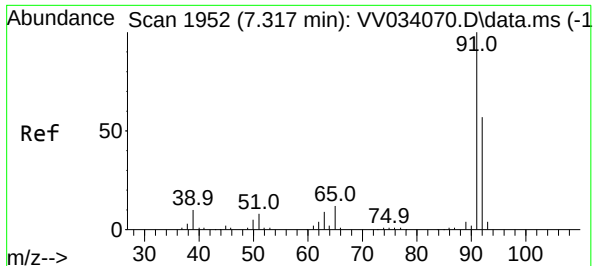
Ion Ratio Lower Upper

43 100

58 38.3 30.2 45.2

100 16.4 12.1 18.1

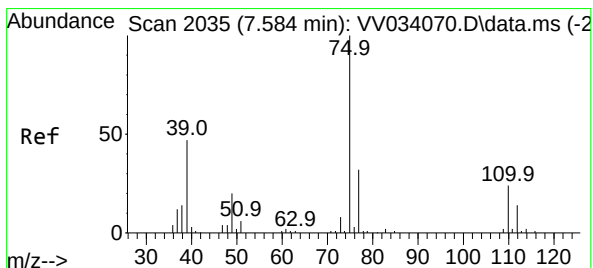
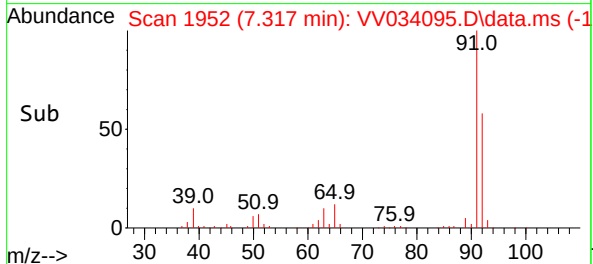
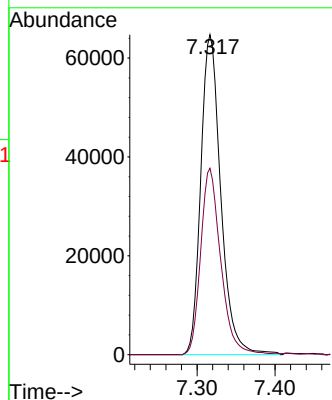
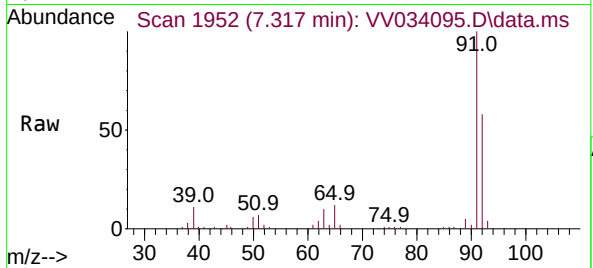




#42
Toluene
Concen: 4.918 ug/L
RT: 7.317 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VV034095.D
Acq: 09 Feb 2024 06:09

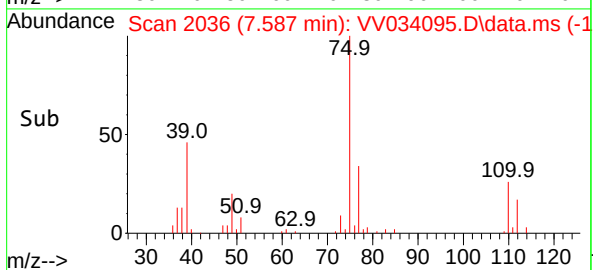
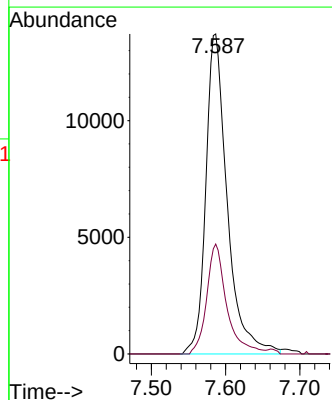
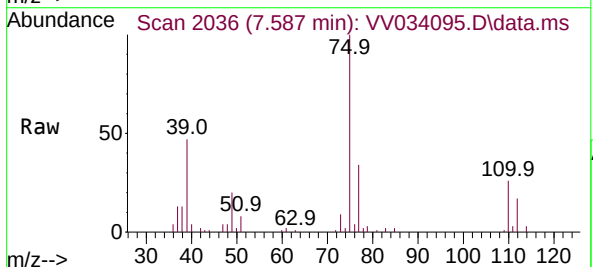
Instrument :
MSVOA_V
ClientSampleId :

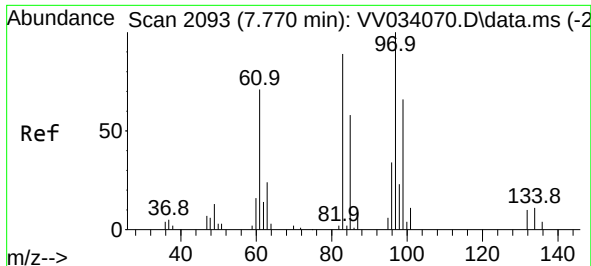
Tgt Ion: 91 Resp: 115357
Ion Ratio Lower Upper
91 100
92 58.2 42.1 78.3



#44
trans-1,3-Dichloropropene
Concen: 4.417 ug/L
RT: 7.587 min Scan# 2036
Delta R.T. 0.003 min
Lab File: VV034095.D
Acq: 09 Feb 2024 06:09

Tgt Ion: 75 Resp: 27436
Ion Ratio Lower Upper
75 100
77 34.3 22.2 41.2

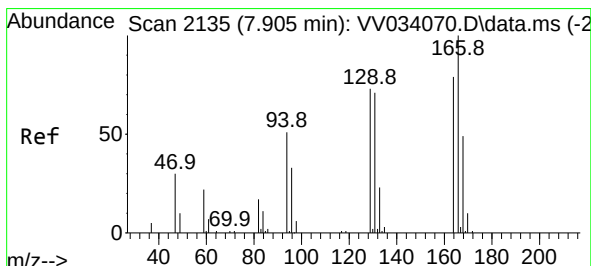
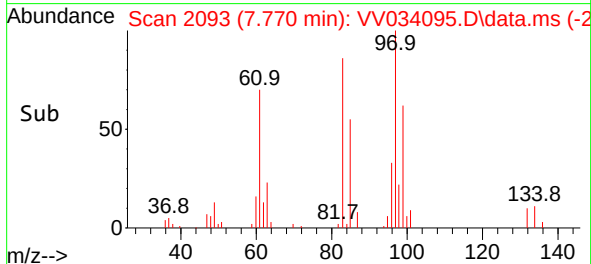
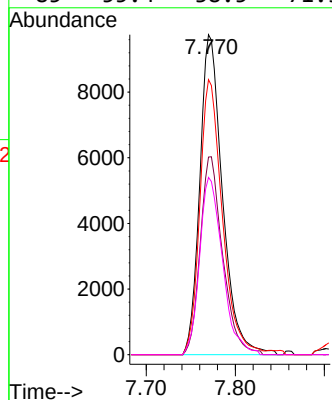
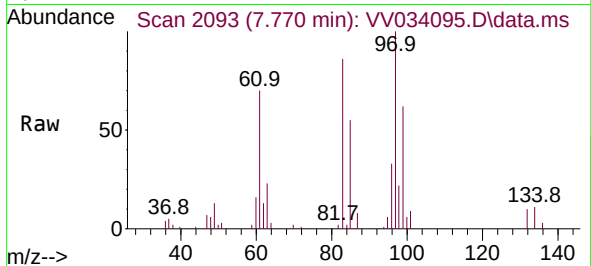




#45
1,1,2-Trichloroethane
Concen: 5.260 ug/L
RT: 7.770 min Scan# 2093
Delta R.T. -0.000 min
Lab File: VV034095.D
Acq: 09 Feb 2024 06:09

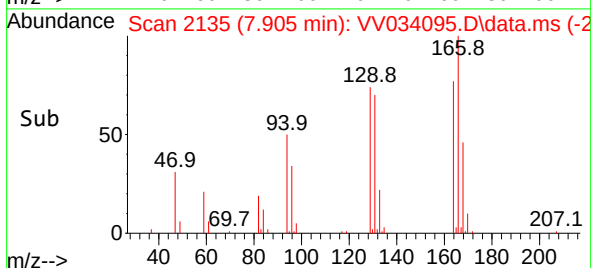
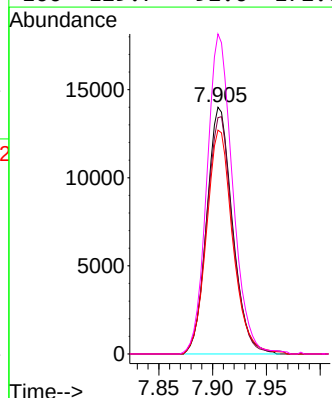
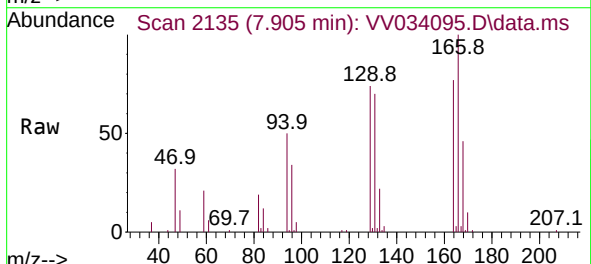
Instrument :
MSVOA_V
ClientSampleId :

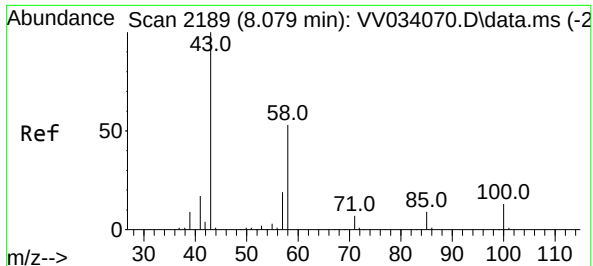
Tgt Ion: 97	Resp: 17268
Ion Ratio	Lower Upper
97 100	
99 61.7	45.6 84.6
83 85.9	62.3 115.7
85 55.4	38.5 71.5



#47
Tetrachloroethene
Concen: 4.525 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. -0.000 min
Lab File: VV034095.D
Acq: 09 Feb 2024 06:09

Tgt	Ion:164	Resp:	23352
Ion	Ratio	Lower	Upper
164	100		
129	95.8	67.8	125.8
131	90.7	63.0	117.0
166	129.7	92.6	172.0





#48

2-Hexanone

Concen: 51.423 ug/L

RT: 8.079 min Scan# 2189

Delta R.T. -0.000 min

Lab File: VV034095.D

Acq: 09 Feb 2024 06:09

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 43 Resp: 92277

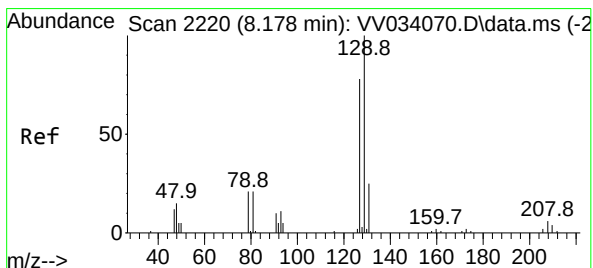
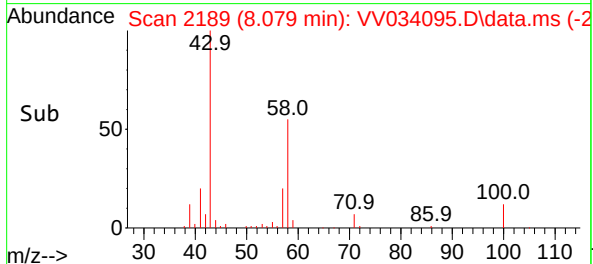
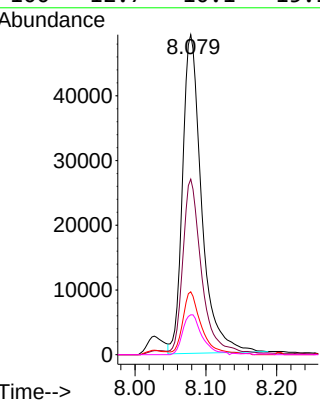
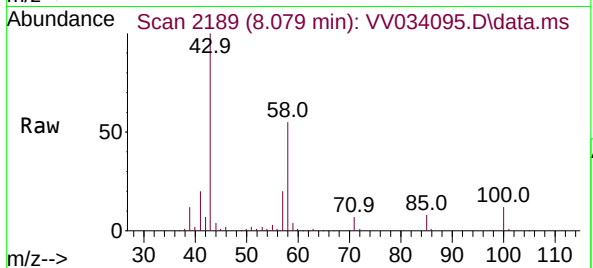
Ion Ratio Lower Upper

43 100

58 53.5 42.6 64.0

57 19.4 15.5 23.3

100 12.7 10.1 15.1



#49

Dibromochloromethane

Concen: 5.334 ug/L

RT: 8.178 min Scan# 2220

Delta R.T. -0.000 min

Lab File: VV034095.D

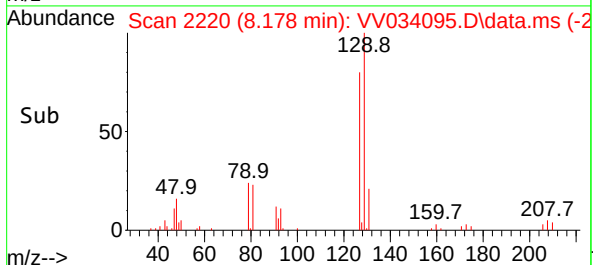
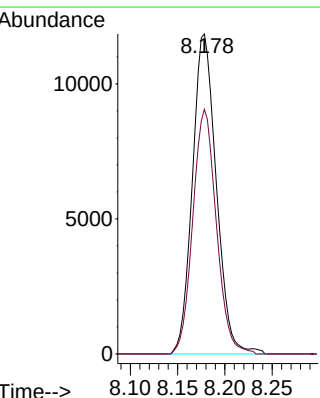
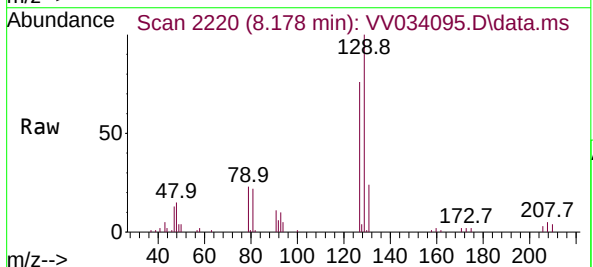
Acq: 09 Feb 2024 06:09

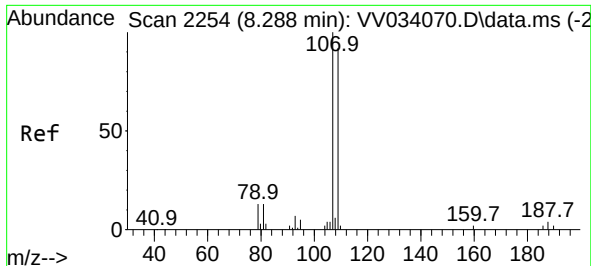
Tgt Ion: 129 Resp: 20808

Ion Ratio Lower Upper

129 100

127 76.4 53.5 99.5

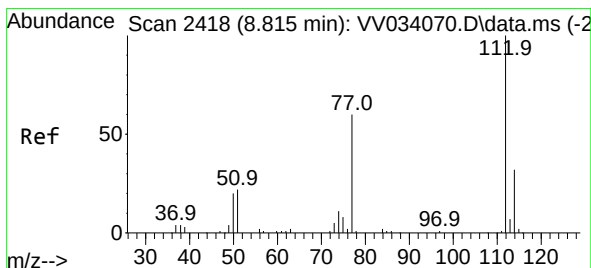
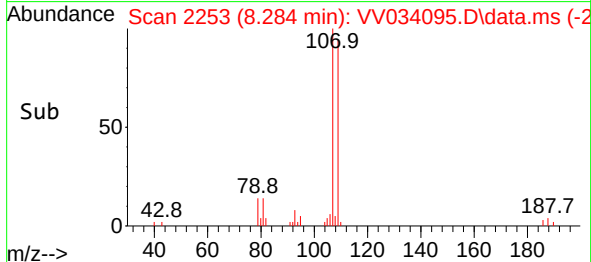
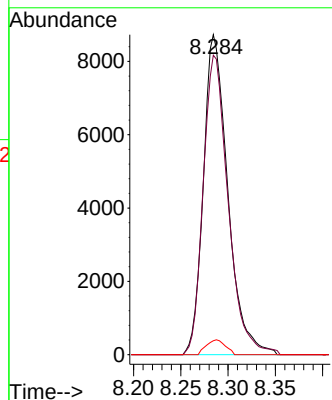
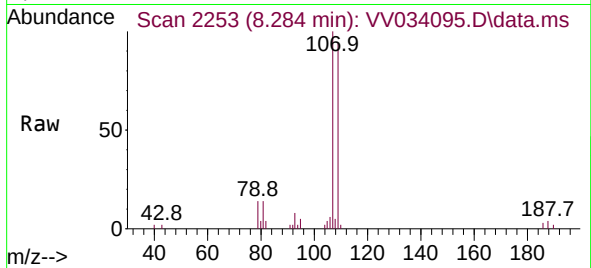




#50
1,2-Dibromoethane
Concen: 5.322 ug/L
RT: 8.284 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV034095.D
Acq: 09 Feb 2024 06:09

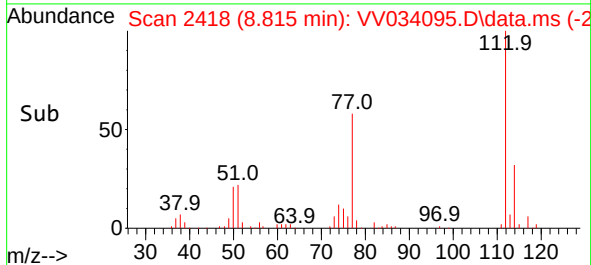
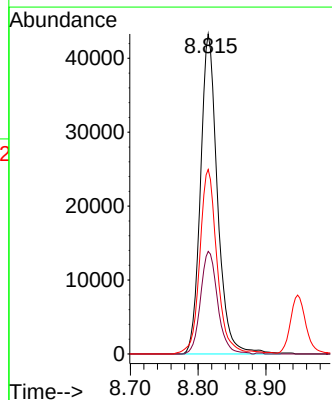
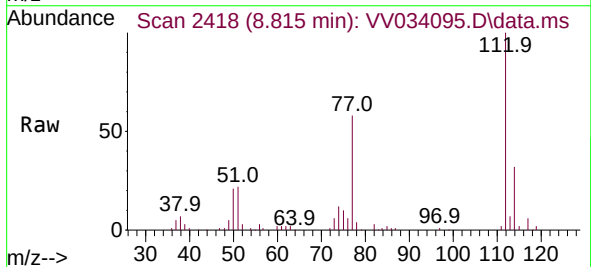
Instrument :
MSVOA_V
ClientSampleId :

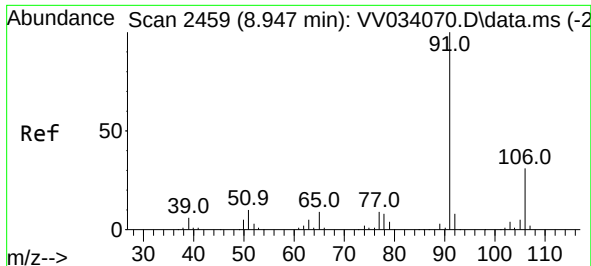
Tgt Ion:107 Resp: 15682
Ion Ratio Lower Upper
107 100
109 93.6 64.5 119.9
188 4.4 2.6 4.0#



#51
Chlorobenzene
Concen: 5.085 ug/L
RT: 8.815 min Scan# 2418
Delta R.T. -0.000 min
Lab File: VV034095.D
Acq: 09 Feb 2024 06:09

Tgt Ion:112 Resp: 75413
Ion Ratio Lower Upper
112 100
114 32.0 22.5 41.7
77 57.6 48.1 72.1

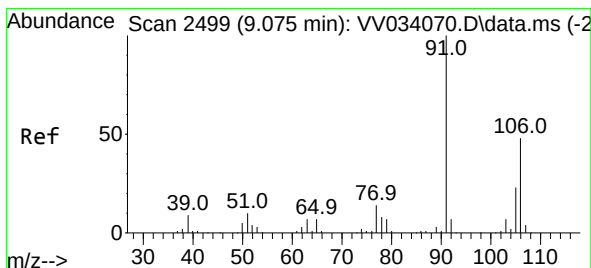
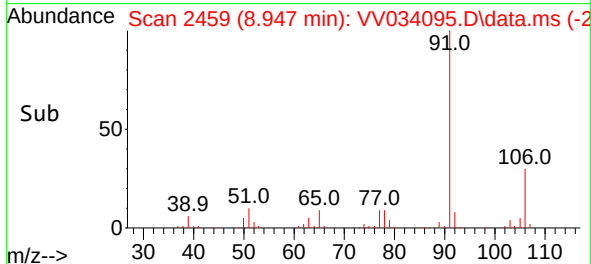
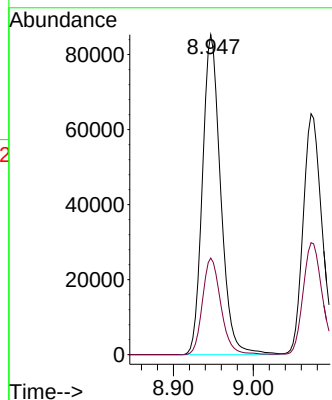
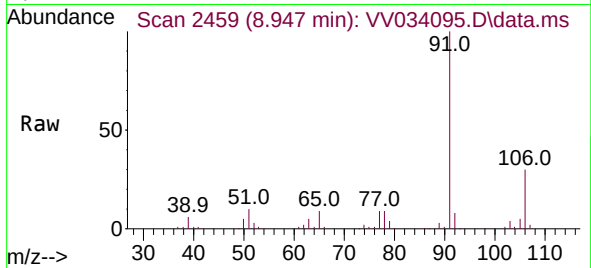




#52
Ethylbenzene
Concen: 5.018 ug/L
RT: 8.947 min Scan# 2459
Delta R.T. -0.000 min
Lab File: VV034095.D
Acq: 09 Feb 2024 06:09

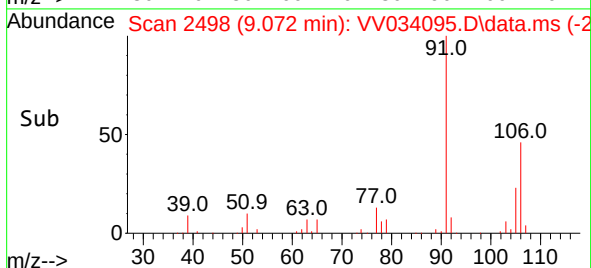
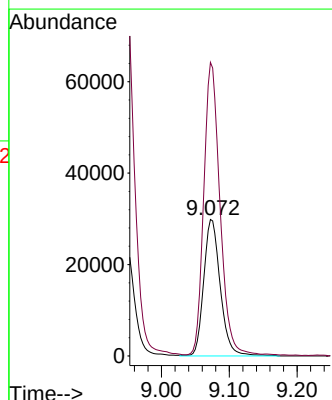
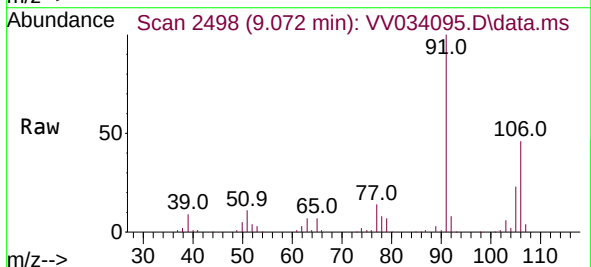
Instrument :
MSVOA_V
ClientSampleId :

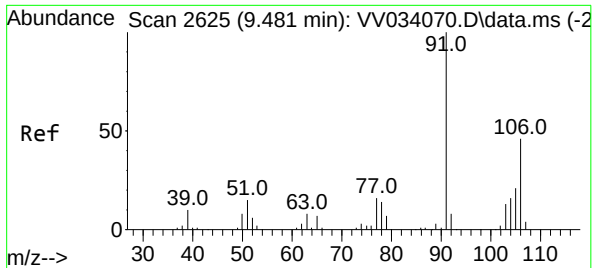
Tgt Ion: 91 Resp: 135494
Ion Ratio Lower Upper
91 100
106 30.2 21.4 39.8



#53
m,p-Xylene
Concen: 4.981 ug/L
RT: 9.072 min Scan# 2498
Delta R.T. -0.003 min
Lab File: VV034095.D
Acq: 09 Feb 2024 06:09

Tgt Ion: 106 Resp: 50816
Ion Ratio Lower Upper
106 100
91 215.1 147.5 273.9

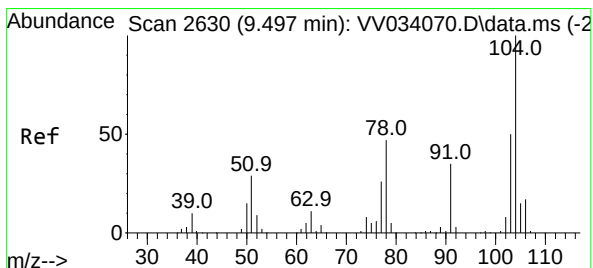
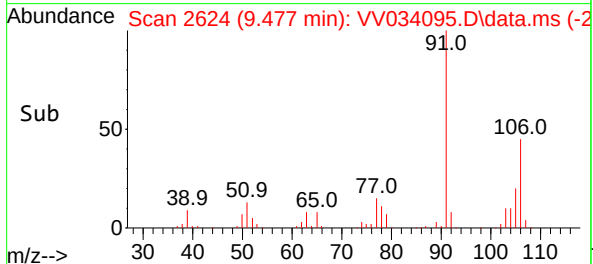
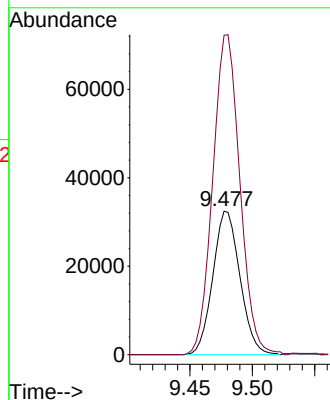
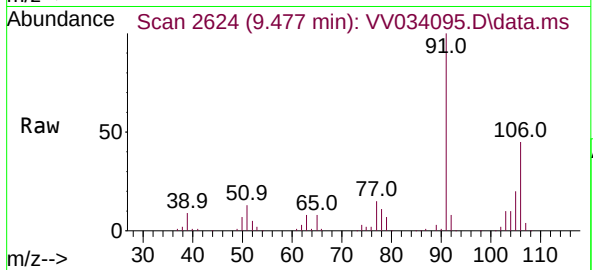




#54
o-Xylene
Concen: 4.994 ug/L
RT: 9.477 min Scan# 2624
Delta R.T. -0.003 min
Lab File: VV034095.D
Acq: 09 Feb 2024 06:09

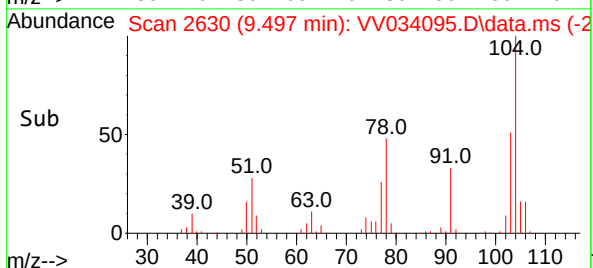
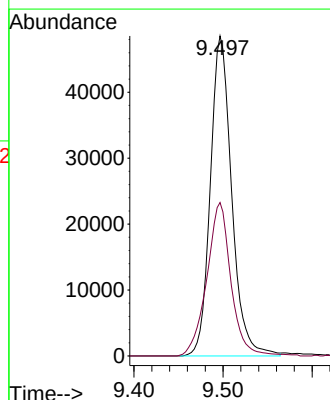
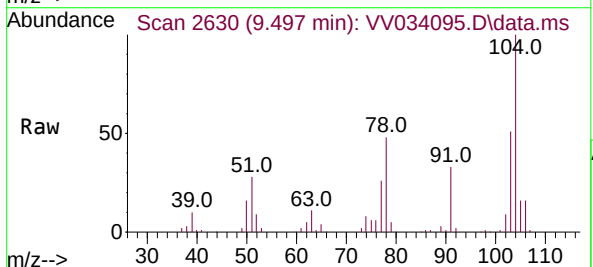
Instrument :
MSVOA_V
ClientSampleId :

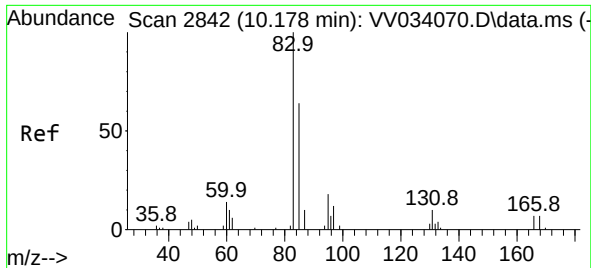
Tgt Ion:106 Resp: 49130
Ion Ratio Lower Upper
106 100
91 222.6 156.2 290.0



#55
Styrene
Concen: 5.137 ug/L
RT: 9.497 min Scan# 2630
Delta R.T. -0.000 min
Lab File: VV034095.D
Acq: 09 Feb 2024 06:09

Tgt Ion:104 Resp: 80918
Ion Ratio Lower Upper
104 100
78 48.0 32.9 61.1

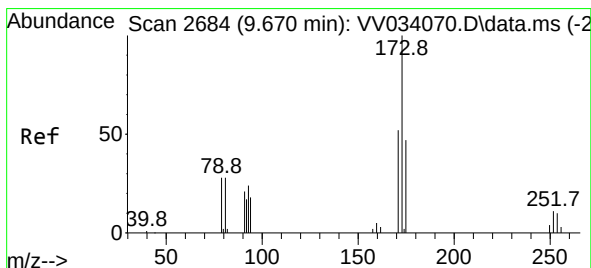
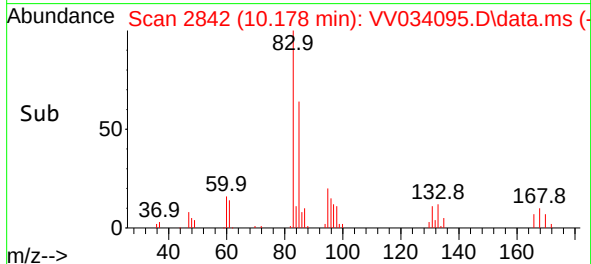
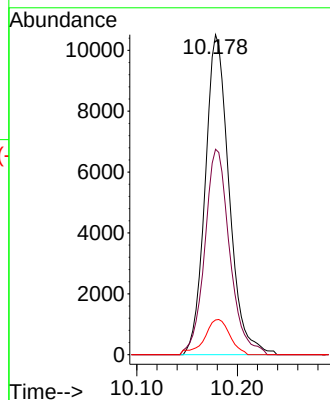
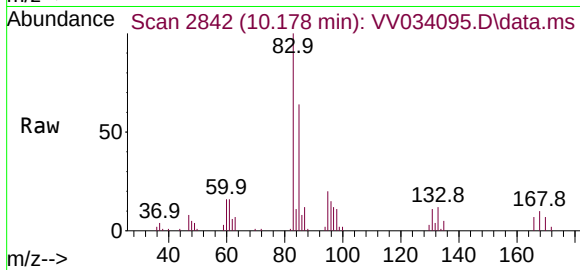




#57
 1,1,2,2-Tetrachloroethane
 Concen: 5.016 ug/L
 RT: 10.178 min Scan# 2842
 Delta R.T. -0.000 min
 Lab File: VV034095.D
 Acq: 09 Feb 2024 06:09

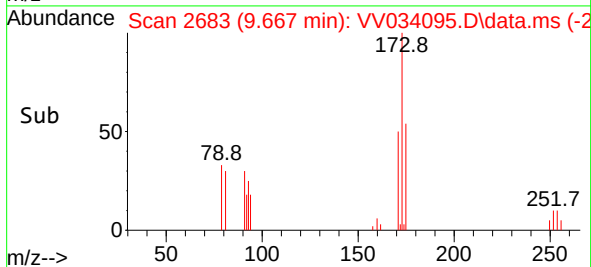
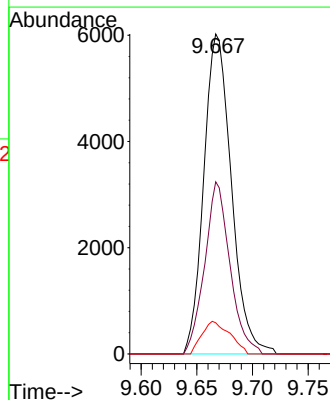
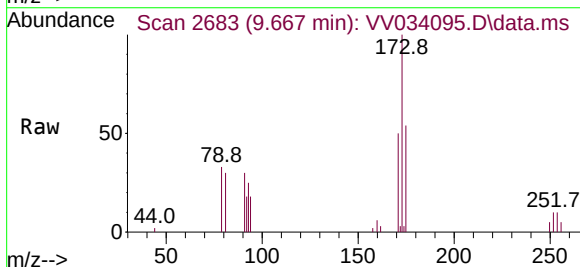
Instrument :
 MSVOA_V
 ClientSampleId :

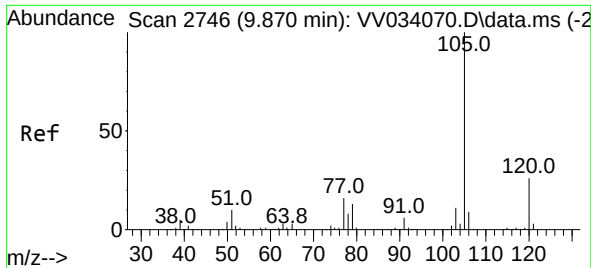
Tgt Ion:	83	Resp:	17380
Ion	Ratio	Lower	Upper
83	100		
85	64.2	46.5	86.3
131	10.9	8.4	12.6



#59
 Bromoform
 Concen: 4.903 ug/L
 RT: 9.667 min Scan# 2683
 Delta R.T. -0.003 min
 Lab File: VV034095.D
 Acq: 09 Feb 2024 06:09

Tgt Ion:	173	Resp:	10357
Ion	Ratio	Lower	Upper
173	100		
175	49.4	38.6	57.8
254	10.3	7.2	10.8

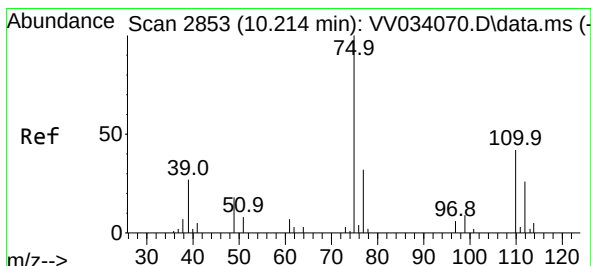
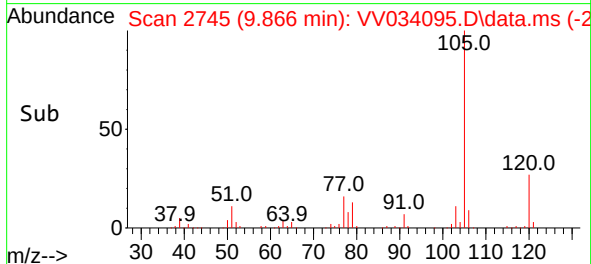
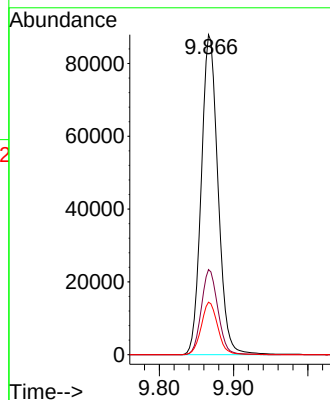
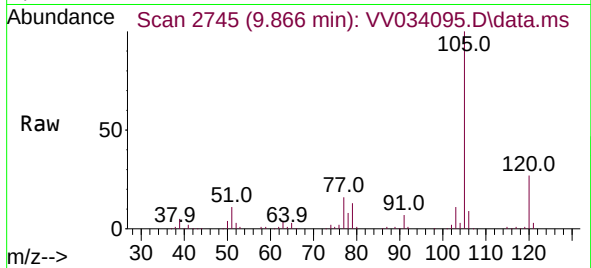




#60
Isopropylbenzene
Concen: 4.847 ug/L
RT: 9.866 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV034095.D
Acq: 09 Feb 2024 06:09

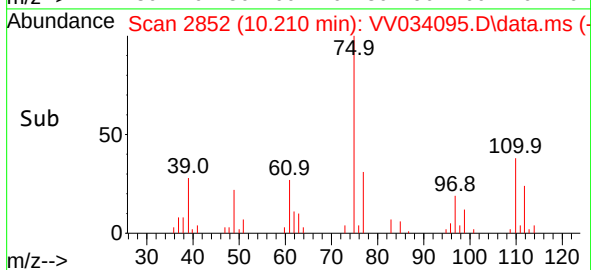
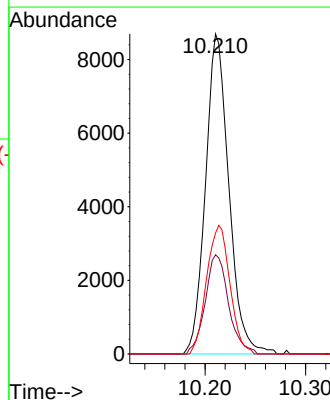
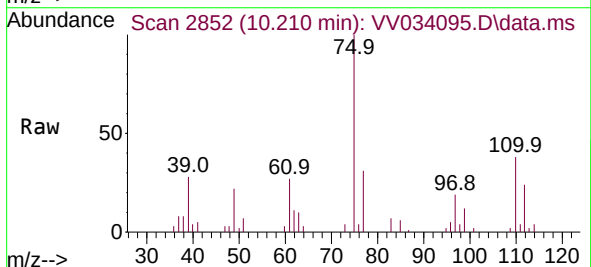
Instrument :
MSVOA_V
ClientSampleId :

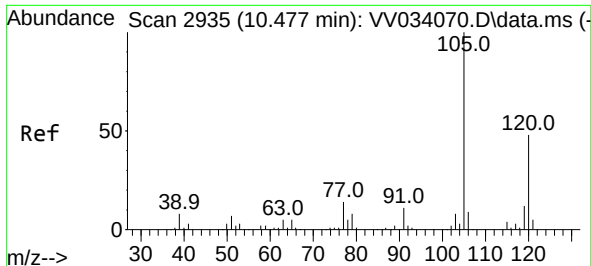
Tgt Ion:105 Resp: 137534
Ion Ratio Lower Upper
105 100
120 26.3 20.7 31.1
77 16.3 13.0 19.6



#61
1,2,3-Trichloropropane
Concen: 5.322 ug/L
RT: 10.210 min Scan# 2852
Delta R.T. -0.003 min
Lab File: VV034095.D
Acq: 09 Feb 2024 06:09

Tgt Ion: 75 Resp: 14030
Ion Ratio Lower Upper
75 100
77 31.0 26.9 40.3
110 40.1 33.3 49.9

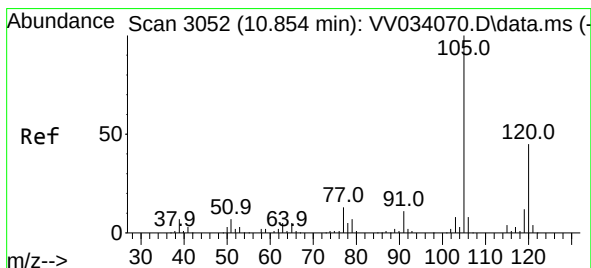
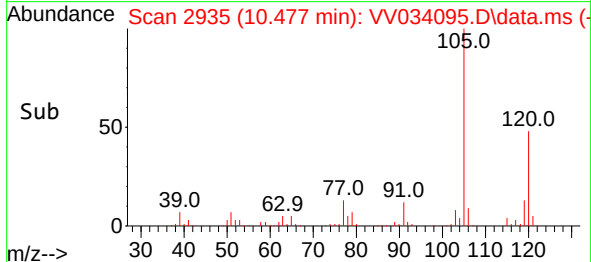
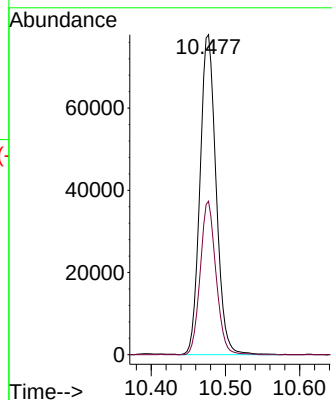
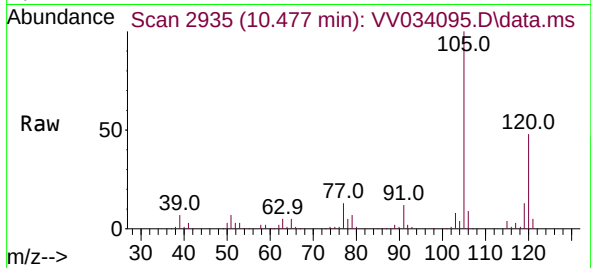




#62
1,3,5-Trimethylbenzene
Concen: 4.907 ug/L
RT: 10.477 min Scan# 2935
Delta R.T. -0.000 min
Lab File: VV034095.D
Acq: 09 Feb 2024 06:09

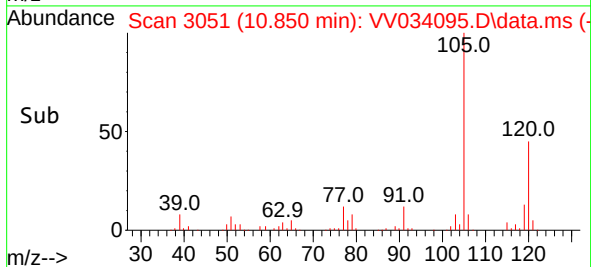
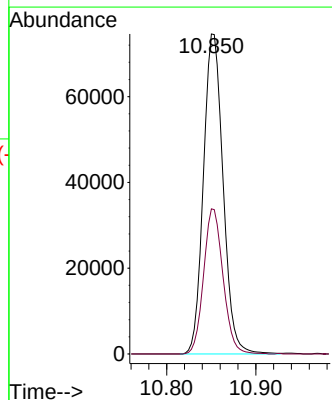
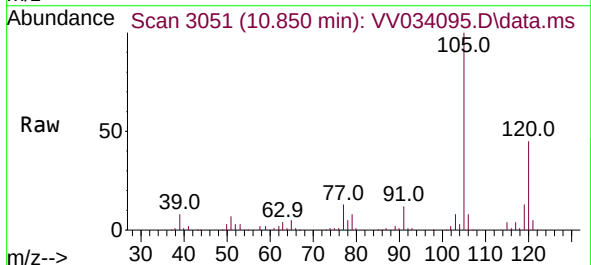
Instrument :
MSVOA_V
ClientSampleId :

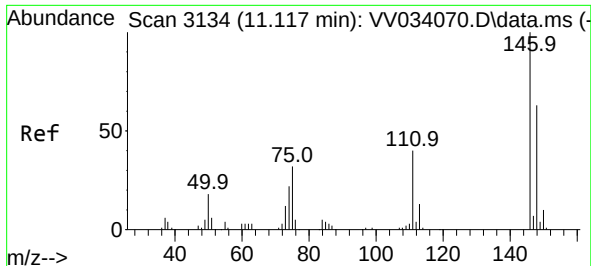
Tgt Ion:105 Resp: 117711
Ion Ratio Lower Upper
105 100
120 46.7 38.2 57.4



#63
1,2,4-Trimethylbenzene
Concen: 4.904 ug/L
RT: 10.850 min Scan# 3051
Delta R.T. -0.003 min
Lab File: VV034095.D
Acq: 09 Feb 2024 06:09

Tgt Ion:105 Resp: 114298
Ion Ratio Lower Upper
105 100
120 44.8 36.2 54.2





#64

1,3-Dichlorobenzene

Concen: 5.061 ug/L

RT: 11.117 min Scan# 3134

Delta R.T. -0.000 min

Lab File: VV034095.D

Acq: 09 Feb 2024 06:09

Instrument :

MSVOA_V

ClientSampleId :

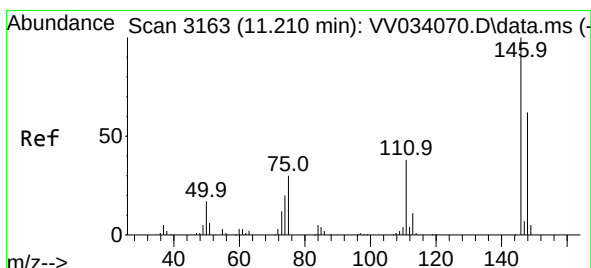
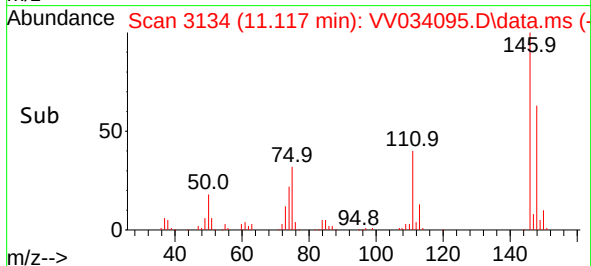
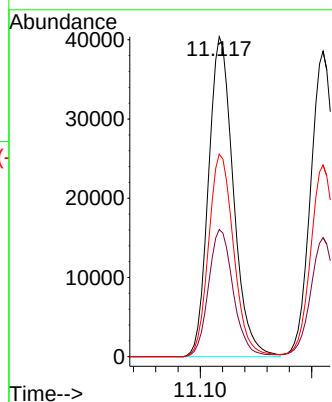
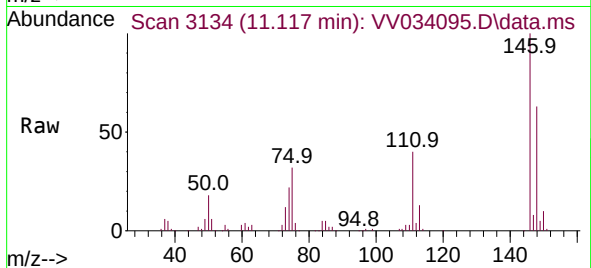
Tgt Ion:146 Resp: 62616

Ion Ratio Lower Upper

146 100

111 39.8 28.5 52.9

148 63.3 44.4 82.4



#65

1,4-Dichlorobenzene

Concen: 5.025 ug/L

RT: 11.210 min Scan# 3163

Delta R.T. -0.000 min

Lab File: VV034095.D

Acq: 09 Feb 2024 06:09

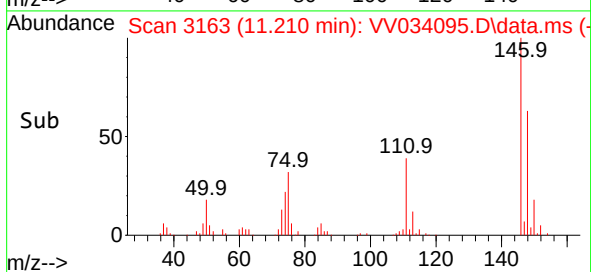
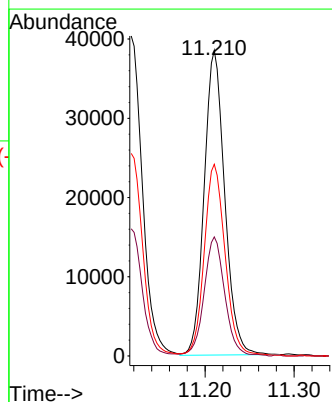
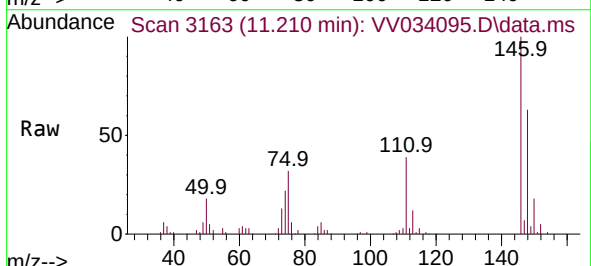
Tgt Ion:146 Resp: 61566

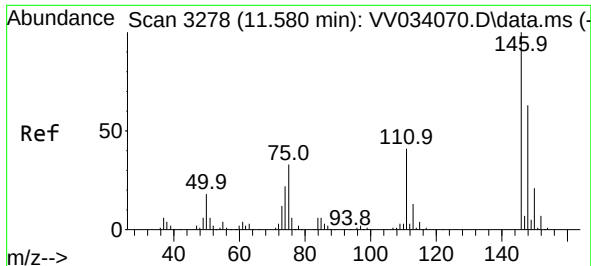
Ion Ratio Lower Upper

146 100

111 38.9 27.6 51.4

148 62.7 44.8 83.2

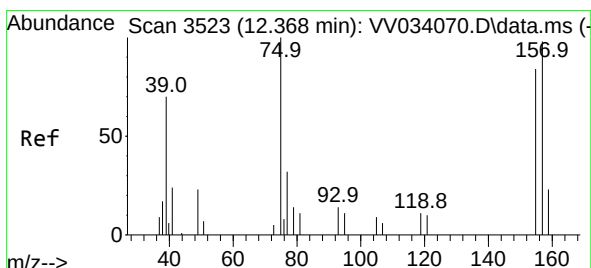
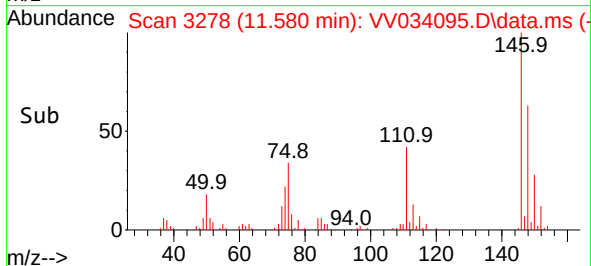
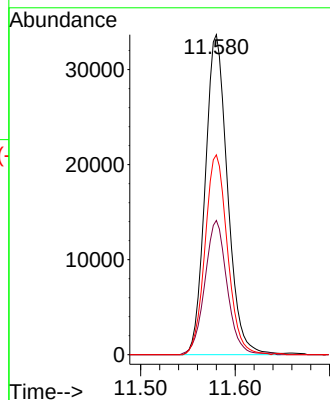
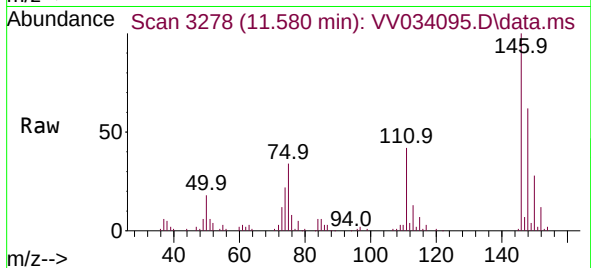




#67
1,2-Dichlorobenzene
Concen: 5.192 ug/L
RT: 11.580 min Scan# 3117
Delta R.T. -0.000 min
Lab File: VV034095.D
Acq: 09 Feb 2024 06:09

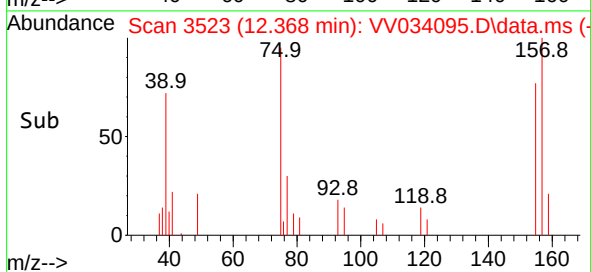
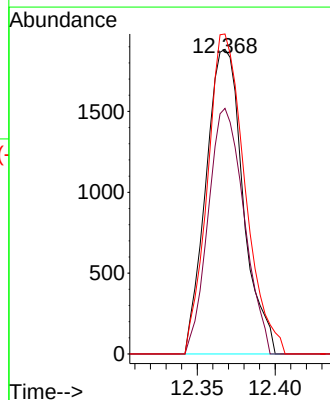
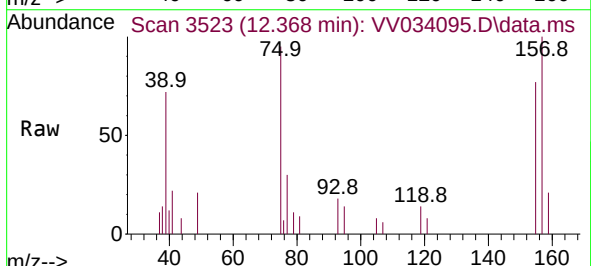
Instrument :
MSVOA_V
ClientSampleId :

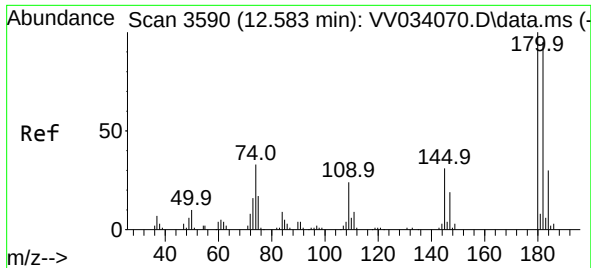
Tgt Ion:146 Resp: 55167
Ion Ratio Lower Upper
146 100
111 42.0 31.2 46.8
148 62.5 49.8 74.8



#68
1,2-Dibromo-3-chloropropane
Concen: 5.641 ug/L
RT: 12.368 min Scan# 3523
Delta R.T. -0.000 min
Lab File: VV034095.D
Acq: 09 Feb 2024 06:09

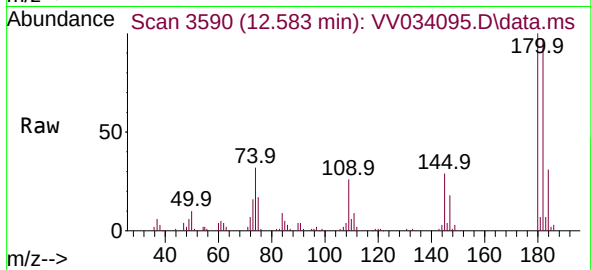
Tgt Ion: 75 Resp: 3117
Ion Ratio Lower Upper
75 100
155 80.6 68.9 103.3
157 105.0 84.6 127.0



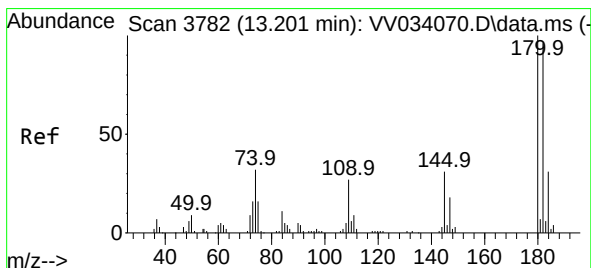
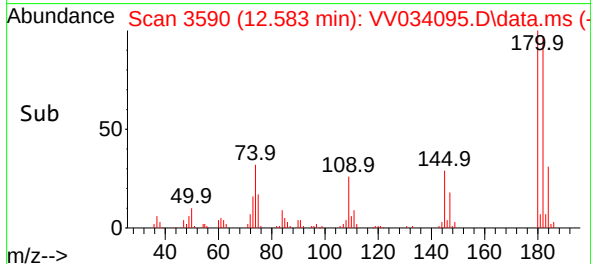
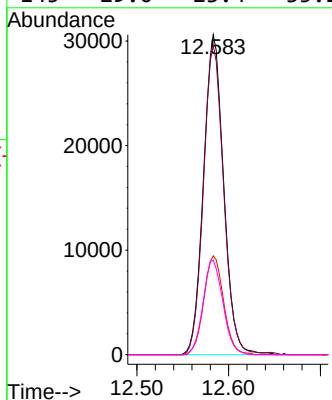


#69
 1,3,5-Trichlorobenzene
 Concen: 4.890 ug/L
 RT: 12.583 min Scan# 3590
 Delta R.T. -0.000 min
 Lab File: VV034095.D
 Acq: 09 Feb 2024 06:09

Instrument :
 MSVOA_V
 ClientSampleId :

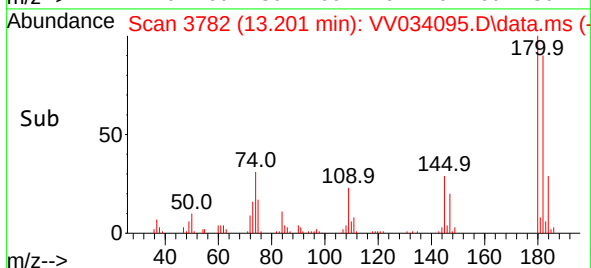
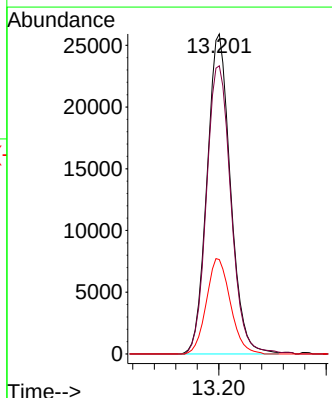
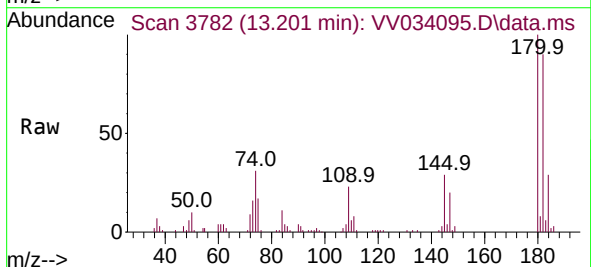


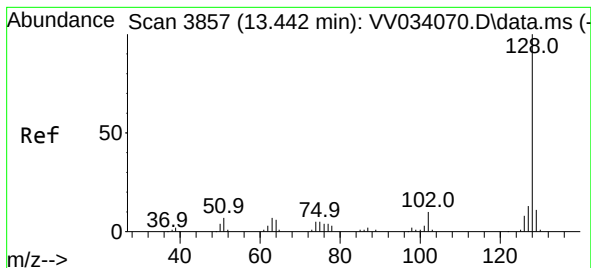
Tgt Ion:180	Resp:	46825
Ion Ratio	Lower	Upper
180	100	
182	96.6	77.0 115.4
184	30.3	23.8 35.6
145	29.0	23.4 35.2



#70
 1,2,4-trichlorobenzene
 Concen: 5.261 ug/L
 RT: 13.201 min Scan# 3782
 Delta R.T. -0.000 min
 Lab File: VV034095.D
 Acq: 09 Feb 2024 06:09

Tgt Ion:180	Resp:	39326
Ion Ratio	Lower	Upper
180	100	
182	93.8	76.8 115.2
145	30.5	24.8 37.2





#71

Naphthalene

Concen: 5.681 ug/L

RT: 13.442 min Scan# 31

Delta R.T. -0.000 min MSVOA_V

Lab File: VV034095.D

Acq: 09 Feb 2024 06:09

Instrument :

MSVOA_V

ClientSampleId :

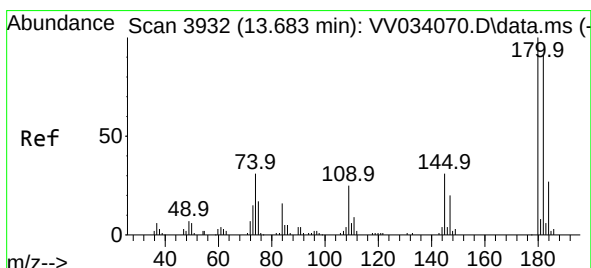
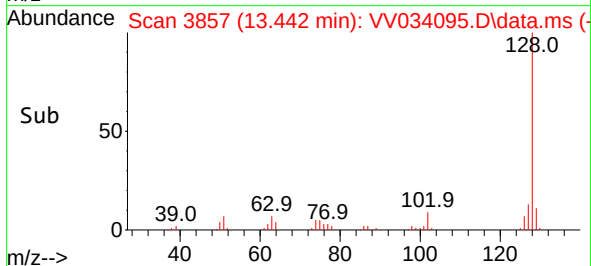
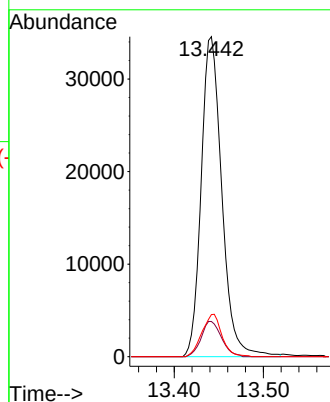
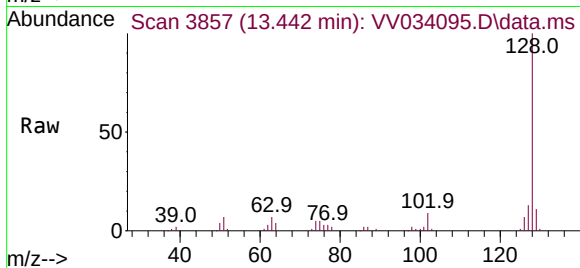
Tgt Ion:128 Resp: 55643

Ion Ratio Lower Upper

128 100

129 10.8 8.5 12.7

127 12.8 10.4 15.6



#72

1,2,3-Trichlorobenzene

Concen: 5.449 ug/L

RT: 13.680 min Scan# 3931

Delta R.T. -0.003 min

Lab File: VV034095.D

Acq: 09 Feb 2024 06:09

Tgt Ion:180 Resp: 32638

Ion Ratio Lower Upper

180 100

182 94.9 75.0 112.6

145 31.5 25.2 37.8

