

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022624\
 Data File : VW034432.D
 Acq On : 27 Feb 2024 01:07
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 27 05:12:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR022624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Feb 27 05:05:59 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	137076	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	131308	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	71059	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	40442	5.082	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	101.600%	
7) Chloroethane-d5	1.532	69	35062	4.989	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	99.800%	
11) 1,1-Dichloroethene-d2	2.060	65	18408	4.970	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	99.400%	
20) 2-Butanone-d5	3.805	46	124907	60.039	ug/L	-0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	120.080%	
24) Chloroform-d	4.252	84	88981	5.570	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	111.400%	
26) 1,2-Dichloroethane-d4	4.947	65	45661	5.616	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	112.400%	
32) Benzene-d6	4.960	84	153671	5.202	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	104.000%	
36) 1,2-Dichloropropane-d6	5.989	67	45422	5.150	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	103.000%	
41) Toluene-d8	7.243	98	139194	5.255	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	105.000%	
43) trans-1,3-Dichloroprop...	7.558	79	17766	5.407	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	108.200%	
46) 2-Hexanone-d5	8.024	63	110138	59.281	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	118.560%	
56) 1,1,2,2-Tetrachloroeth...	10.156	84	38529	5.519	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	110.400%	
66) 1,2-Dichlorobenzene-d4	11.561	152	56151	5.201	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	104.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	45929	5.308	ug/L	97
3) Chloromethane	1.214	50	52387	5.102	ug/L	98
5) Vinyl chloride	1.281	62	53360	5.256	ug/L	100
6) Bromomethane	1.487	94	25417	4.410	ug/L	97
8) Chloroethane	1.548	64	35790	4.982	ug/L	100
9) Trichlorofluoromethane	1.712	101	88584	5.359	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	47968	5.381	ug/L	98
12) 1,1-Dichloroethene	2.069	96	44170	5.145	ug/L	93
13) Acetone	2.134	43	97514	46.084	ug/L	99
14) Carbon disulfide	2.240	76	122099	5.308	ug/L	99
15) Methyl Acetate	2.384	43	20563	5.665	ug/L	99
16) Methylene chloride	2.445	84	57049	5.818	ug/L	98
17) Methyl tert-butyl Ether	2.706	73	123934	5.553	ug/L	99
18) trans-1,2-Dichloroethene	2.696	96	47410	5.430	ug/L	96
19) 1,1-Dichloroethane	3.111	63	93048	5.538	ug/L	98
21) 2-Butanone	3.883	43	128073	55.133	ug/L	98
22) cis-1,2-Dichloroethene	3.815	96	52290	5.447	ug/L	97
23) Bromochloromethane	4.153	128	22522	5.628	ug/L	95
25) Chloroform	4.278	83	95939	5.498	ug/L	94

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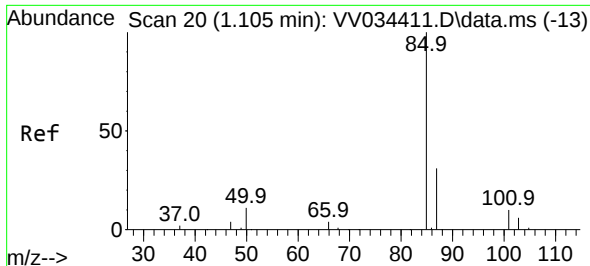
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Feb 27 05:05:59 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.043	62	60972	5.725	ug/L	99
29) 1,1,1-Trichloroethane	4.513	97	84947	5.172	ug/L	98
30) Cyclohexane	4.584	56	72433	5.127	ug/L	99
31) Carbon tetrachloride	4.735	117	73179	5.133	ug/L	100
33) Benzene	5.011	78	191305	5.264	ug/L	100
34) Trichloroethene	5.834	95	51768	5.455	ug/L	100
35) Methylcyclohexane	6.050	83	74369	4.992	ug/L	100
37) 1,2-Dichloropropane	6.095	63	46893	5.220	ug/L	99
38) Bromodichloromethane	6.436	83	63666	5.201	ug/L	99
39) cis-1,3-Dichloropropene	6.956	75	66580	5.348	ug/L	98
40) 4-Methyl-2-pentanone	7.159	43	321186	57.796	ug/L	100
42) Toluene	7.317	91	204528	5.357	ug/L	100
44) trans-1,3-Dichloropropene	7.583	75	56780	5.616	ug/L	98
45) 1,1,2-Trichloroethane	7.770	97	33927	5.552	ug/L	99
47) Tetrachloroethene	7.905	164	39283	5.276	ug/L	95
48) 2-Hexanone	8.075	43	225390	56.943	ug/L	98
49) Dibromochloromethane	8.178	129	38906	5.469	ug/L	99
50) 1,2-Dibromoethane	8.284	107	32455	5.678	ug/L	99
51) Chlorobenzene	8.815	112	131924	5.319	ug/L	99
52) Ethylbenzene	8.947	91	230288	5.356	ug/L	99
53) m,p-Xylene	9.072	106	85846	5.371	ug/L	96
54) o-Xylene	9.477	106	85899	5.383	ug/L	95
55) Styrene	9.497	104	142899	5.569	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.178	83	41151	5.630	ug/L	94
59) Bromoform	9.667	173	18128	4.997	ug/L	97
60) Isopropylbenzene	9.866	105	218504	5.137	ug/L	100
61) 1,2,3-Trichloropropane	10.210	75	30263	5.519	ug/L	98
62) 1,3,5-Trimethylbenzene	10.477	105	191786	5.166	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	192020	5.165	ug/L	98
64) 1,3-Dichlorobenzene	11.117	146	110358	5.342	ug/L	97
65) 1,4-Dichlorobenzene	11.210	146	104807	5.112	ug/L	99
67) 1,2-Dichlorobenzene	11.580	146	101314	5.231	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.368	75	7276	5.253	ug/L	89
69) 1,3,5-Trichlorobenzene	12.583	180	77874	4.913	ug/L	99
70) 1,2,4-trichlorobenzene	13.201	180	71855	5.193	ug/L	99
71) Naphthalene	13.439	128	124868	5.281	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	64338	5.191	ug/L	99

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

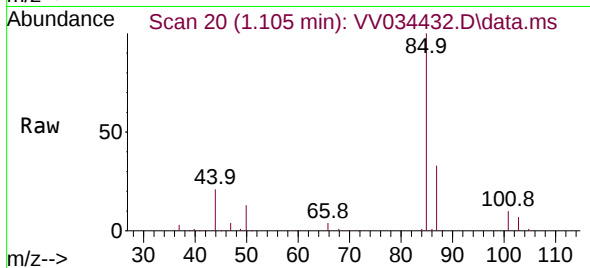
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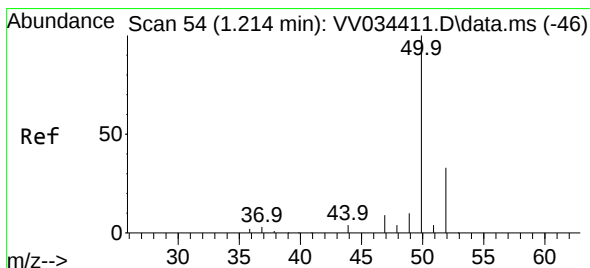
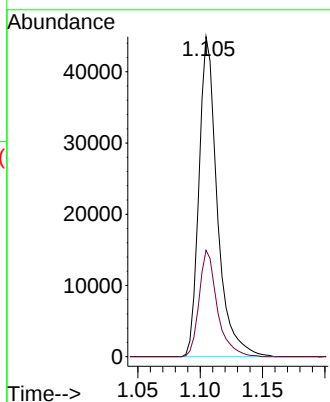
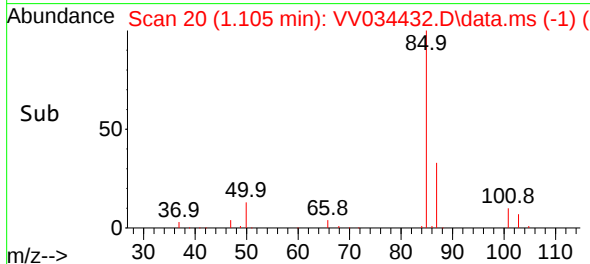


#2
Dichlorodifluoromethane
Concen: 5.308 ug/L
RT: 1.105 min Scan# 20
Delta R.T. 0.000 min
Lab File: VV034432.D
Acq: 27 Feb 2024 01:07

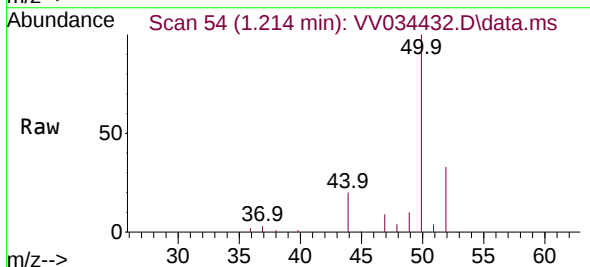
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MSVOA_V
ClientSampleId :



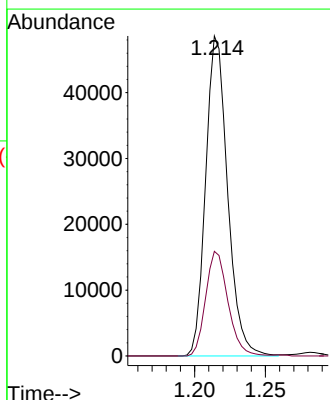
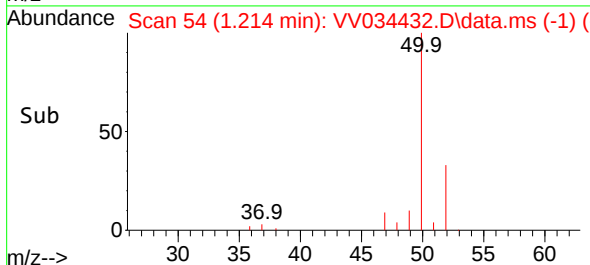
Tgt Ion: 85 Resp: 45929
Ion Ratio Lower Upper
85 100
87 32.9 24.9 37.3

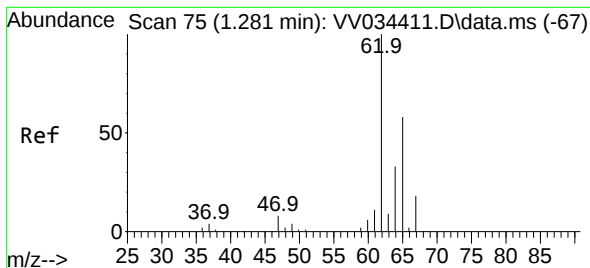


#3
Chloromethane
Concen: 5.102 ug/L
RT: 1.214 min Scan# 54
Delta R.T. 0.000 min
Lab File: VV034432.D
Acq: 27 Feb 2024 01:07



Tgt Ion: 50 Resp: 52387
Ion Ratio Lower Upper
50 100
52 32.7 22.3 41.3





#5

Vinyl chloride

Concen: 5.256 ug/L

RT: 1.281 min Scan# 75

Delta R.T. 0.000 min

Lab File: VV034432.D

Acq: 27 Feb 2024 01:07

Instrument :

MSVOA_V

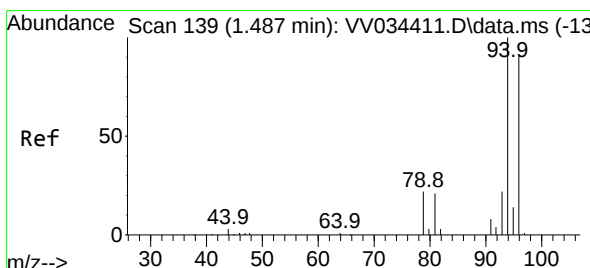
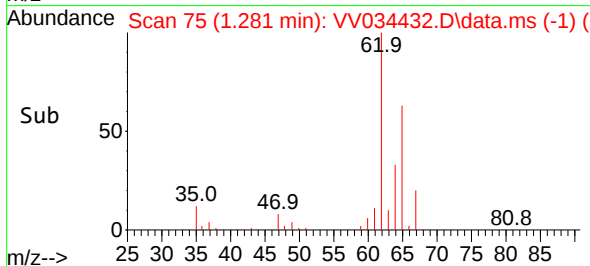
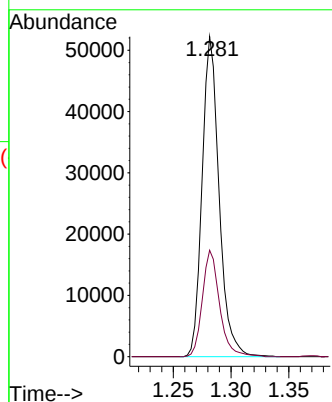
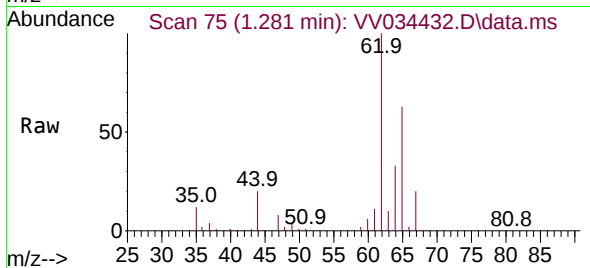
ClientSampleId :

Tgt Ion: 62 Resp: 53360

Ion Ratio Lower Upper

62 100

64 33.3 23.4 43.4



#6

Bromomethane

Concen: 4.410 ug/L

RT: 1.487 min Scan# 139

Delta R.T. 0.000 min

Lab File: VV034432.D

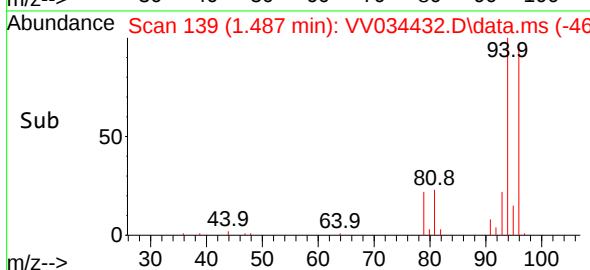
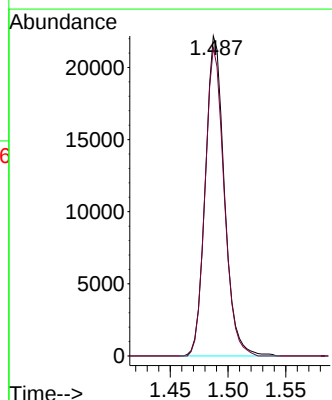
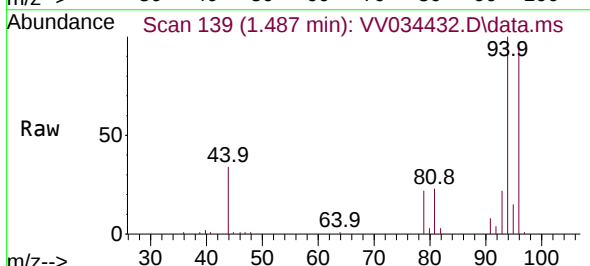
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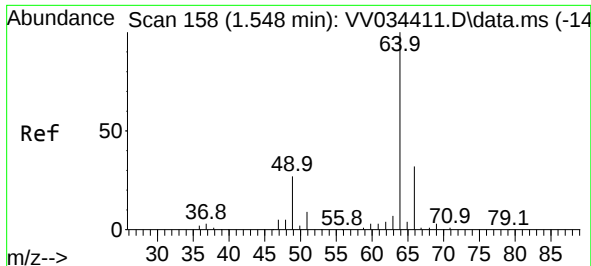
Tgt Ion: 94 Resp: 25417

Ion Ratio Lower Upper

94 100

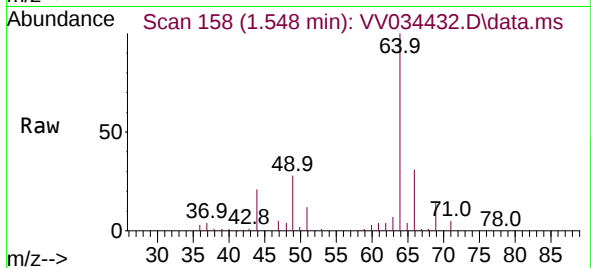
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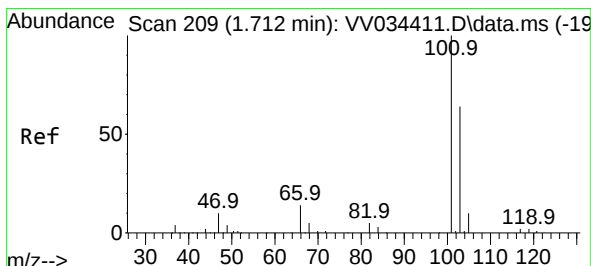
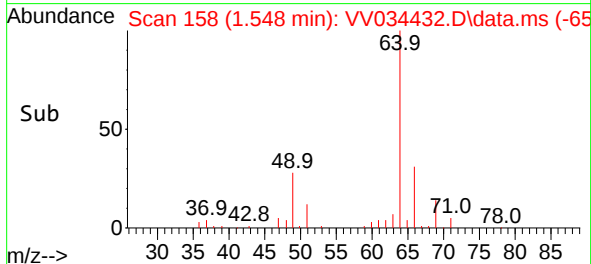
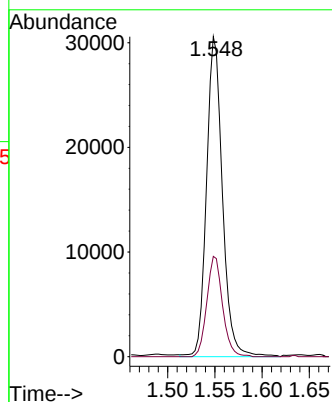


#8
Chloroethane
Concen: 4.982 ug/L
RT: 1.548 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV034432.D
Acq: 27 Feb 2024 01:07

Instrument :
MSVOA_V
ClientSampleId :

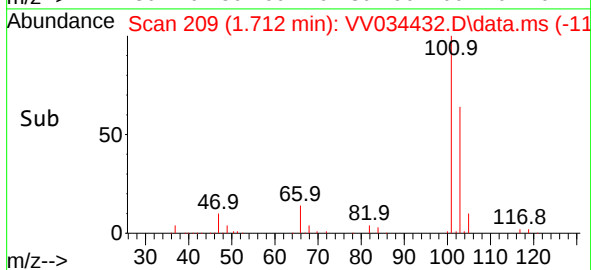
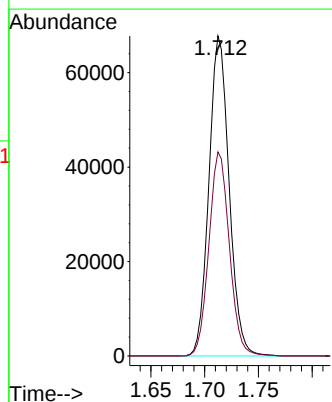
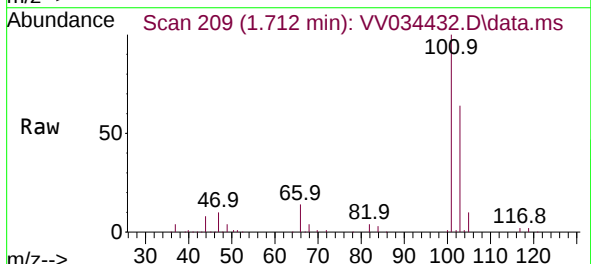


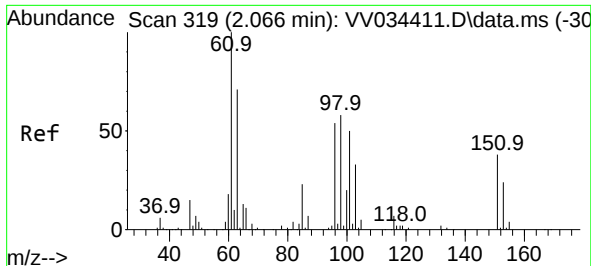
Tgt Ion: 64 Resp: 35790
Ion Ratio Lower Upper
64 100
66 31.3 22.1 41.1



#9
Trichlorofluoromethane
Concen: 5.359 ug/L
RT: 1.712 min Scan# 209
Delta R.T. 0.000 min
Lab File: VV034432.D
Acq: 27 Feb 2024 01:07

Tgt Ion:101 Resp: 88584
Ion Ratio Lower Upper
101 100
103 64.6 52.0 78.0

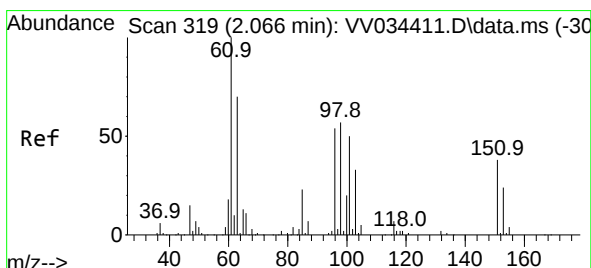
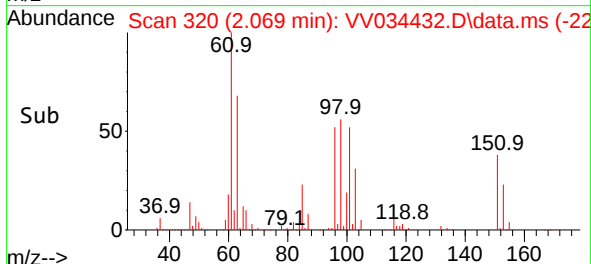
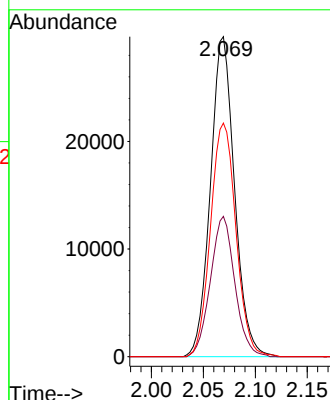
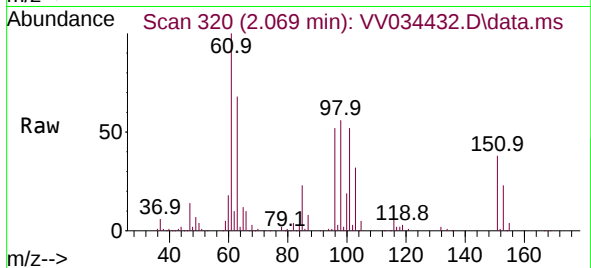




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.381 ug/L
 RT: 2.069 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VV034432.D
 Acq: 27 Feb 2024 01:07

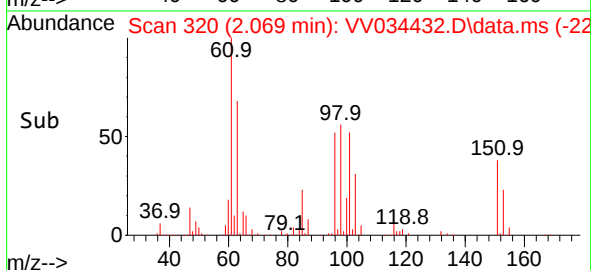
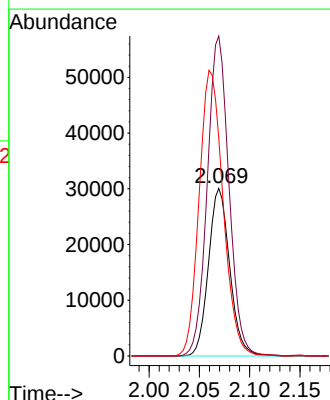
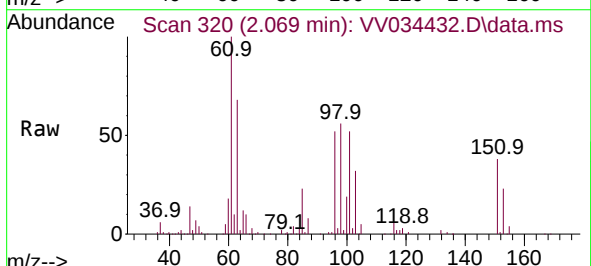
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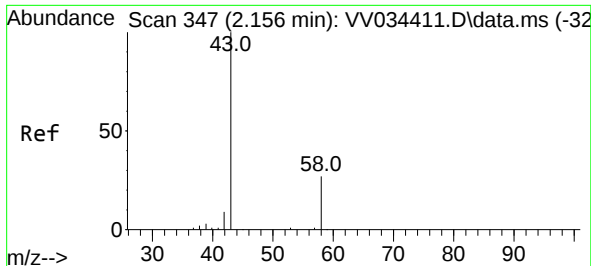
Tgt Ion:101 Resp: 47968
 Ion Ratio Lower Upper
 101 100
 85 44.4 37.9 56.9
 151 77.0 61.8 92.6



#12
 1,1-Dichloroethene
 Concen: 5.145 ug/L
 RT: 2.069 min Scan# 320
 Delta R.T. 0.003 min
 Lab File: VV034432.D
 Acq: 27 Feb 2024 01:07

Tgt Ion: 96 Resp: 44170
 Ion Ratio Lower Upper
 96 100
 61 191.0 131.3 243.8
 63 130.1 102.8 191.0





#13

Acetone

Concen: 46.084 ug/L

RT: 2.134 min Scan# 34

Delta R.T. -0.022 min

Lab File: VV034432.D

Acq: 27 Feb 2024 01:07

Instrument :

MSVOA_V

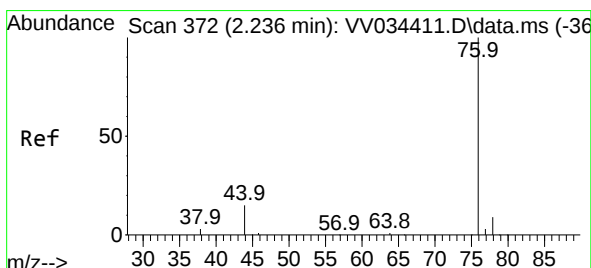
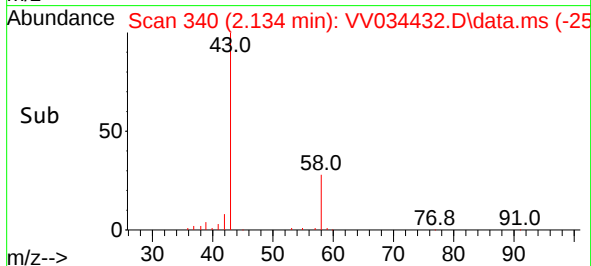
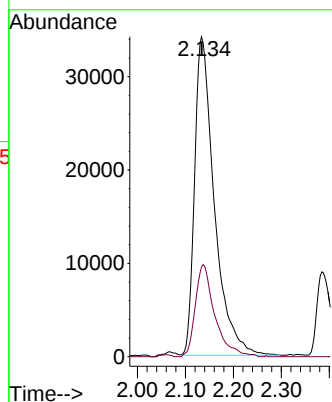
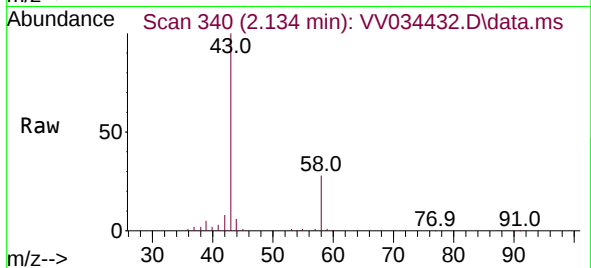
ClientSampleId :

Tgt Ion: 43 Resp: 97514

Ion Ratio Lower Upper

43 100

58 28.5 0.0 56.2



#14

Carbon disulfide

Concen: 5.308 ug/L

RT: 2.240 min Scan# 373

Delta R.T. 0.003 min

Lab File: VV034432.D

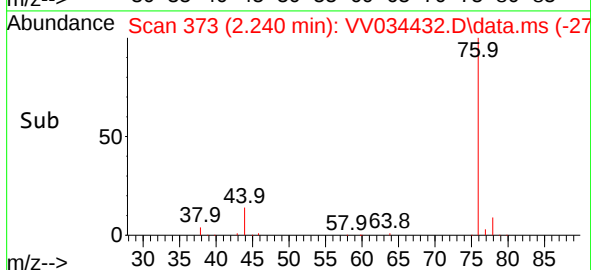
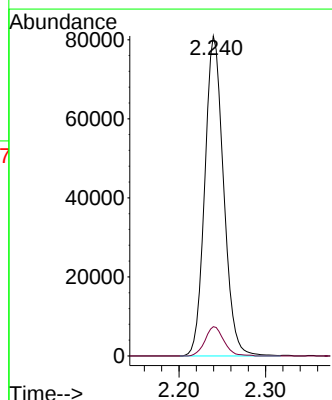
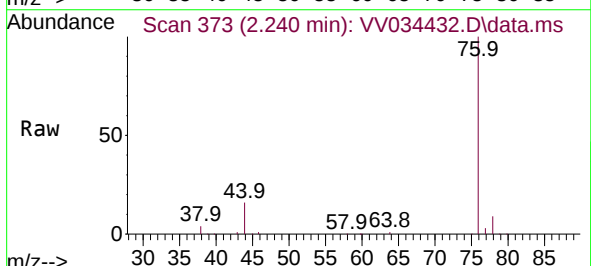
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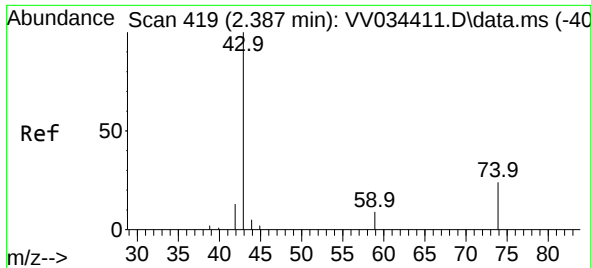
Tgt Ion: 76 Resp: 122099

Ion Ratio Lower Upper

76 100

78 9.2 7.0 10.4

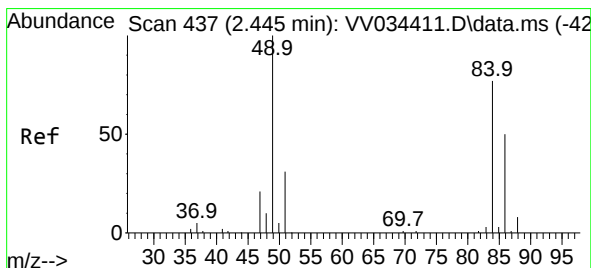
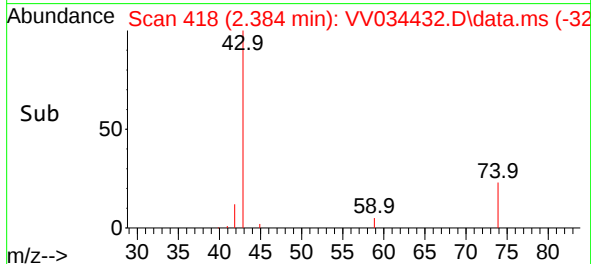
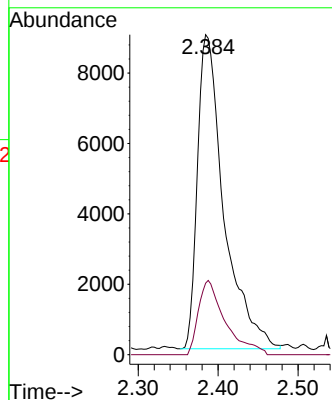
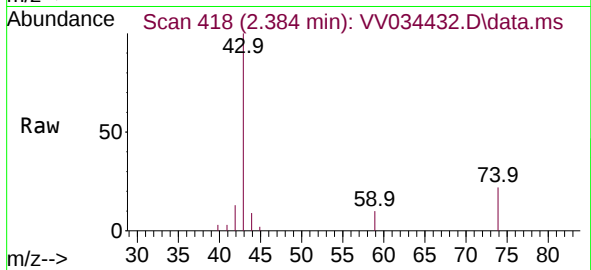




#15
Methyl Acetate
Concen: 5.665 ug/L
RT: 2.384 min Scan# 419
Delta R.T. -0.003 min
Lab File: VV034432.D
Acq: 27 Feb 2024 01:07

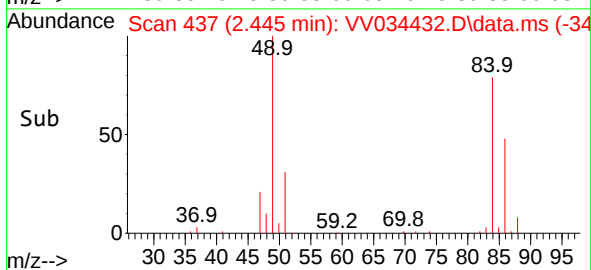
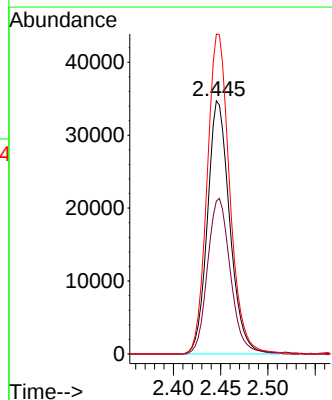
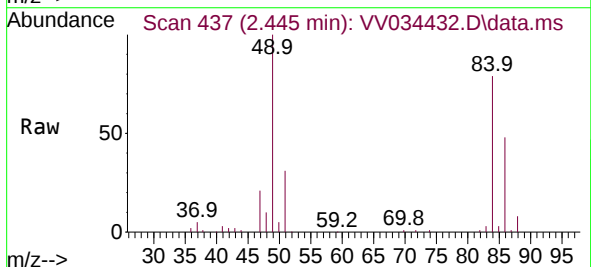
Instrument :
MSVOA_V
ClientSampleId :

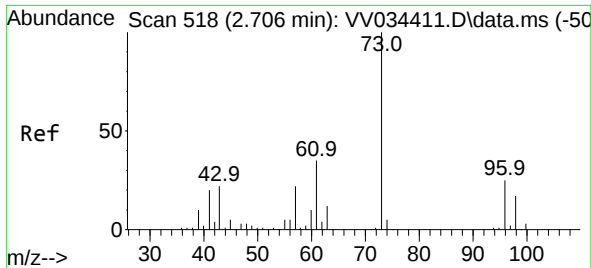
Tgt Ion: 43 Resp: 20563
Ion Ratio Lower Upper
43 100
74 23.9 18.6 28.0



#16
Methylene chloride
Concen: 5.818 ug/L
RT: 2.445 min Scan# 437
Delta R.T. 0.000 min
Lab File: VV034432.D
Acq: 27 Feb 2024 01:07

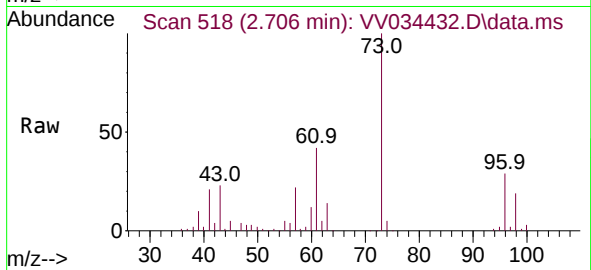
Tgt Ion: 84 Resp: 57049
Ion Ratio Lower Upper
84 100
86 60.4 43.8 81.4
49 126.4 87.6 162.8



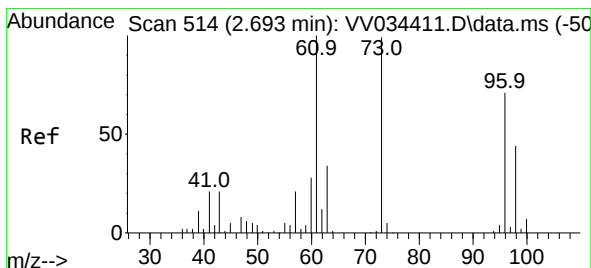
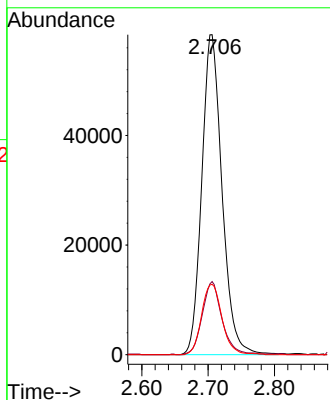
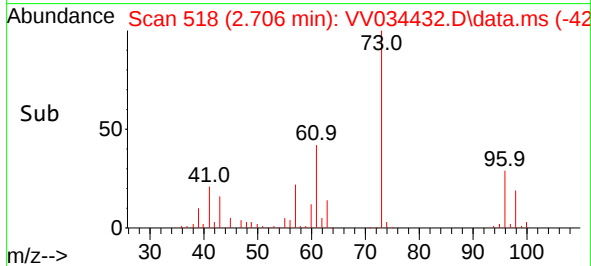


#17
Methyl tert-butyl Ether
Concen: 5.553 ug/L
RT: 2.706 min Scan# 518
Delta R.T. 0.000 min
Lab File: VV034432.D
Acq: 27 Feb 2024 01:07

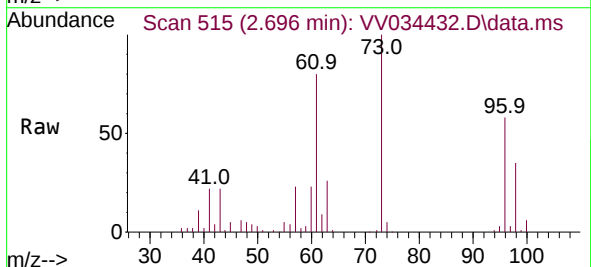
Instrument :
MSVOA_V
ClientSampleId :



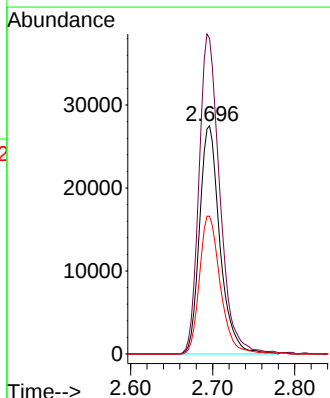
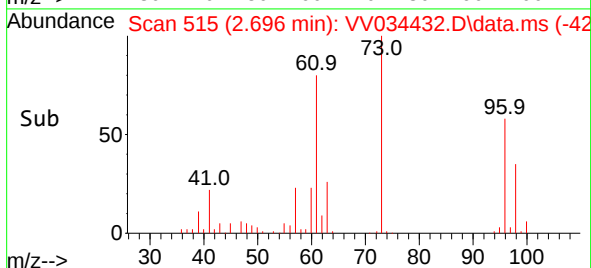
Tgt Ion: 73 Resp: 123934
Ion Ratio Lower Upper
73 100
43 22.3 18.0 27.0
57 22.2 17.0 25.6

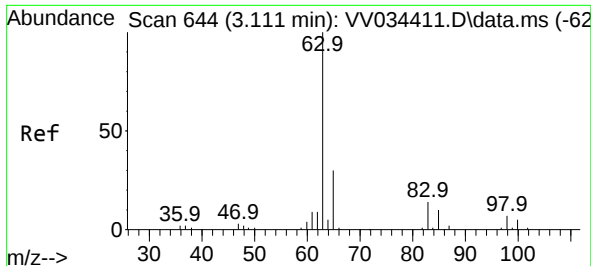


#18
trans-1,2-Dichloroethene
Concen: 5.430 ug/L
RT: 2.696 min Scan# 515
Delta R.T. 0.003 min
Lab File: VV034432.D
Acq: 27 Feb 2024 01:07



Tgt Ion: 96 Resp: 47410
Ion Ratio Lower Upper
96 100
61 138.4 101.3 188.1
98 60.4 43.5 80.7





#19

1,1-Dichloroethane

Concen: 5.538 ug/L

RT: 3.111 min Scan# 64

Delta R.T. 0.000 min

Lab File: VV034432.D

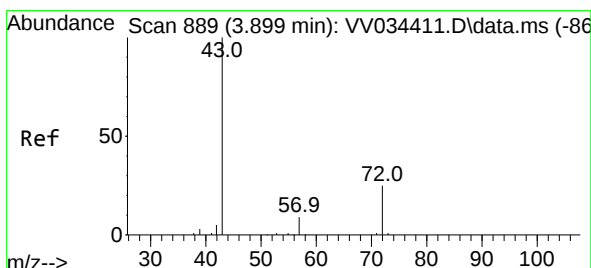
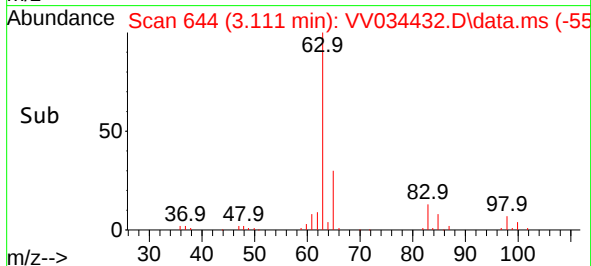
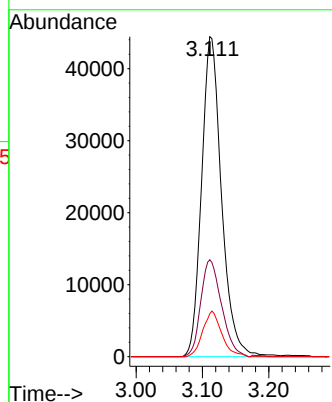
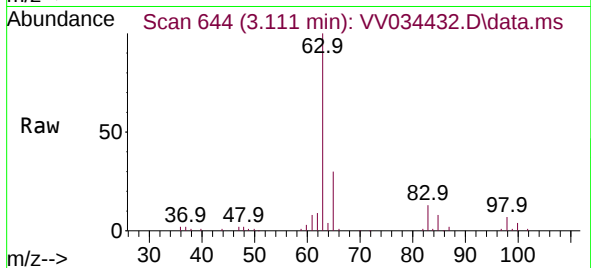
Acq: 27 Feb 2024 01:07

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	63	Resp:	93048
Ion	Ratio	Lower	Upper
63	100		
65	30.3	22.0	41.0
83	13.4	10.1	18.9



#21

2-Butanone

Concen: 55.133 ug/L

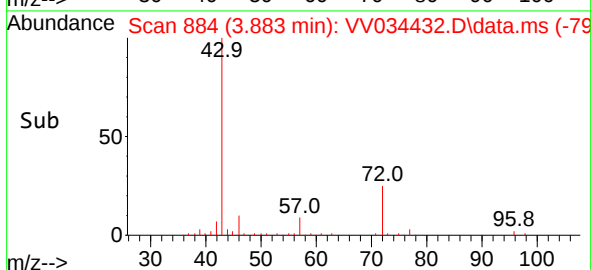
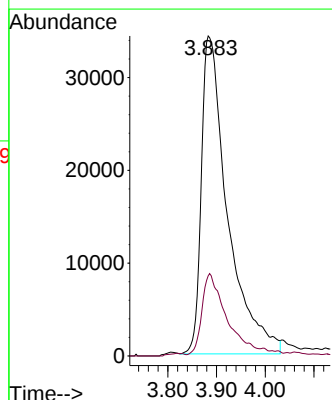
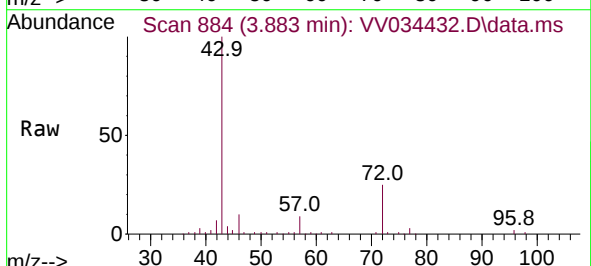
RT: 3.883 min Scan# 884

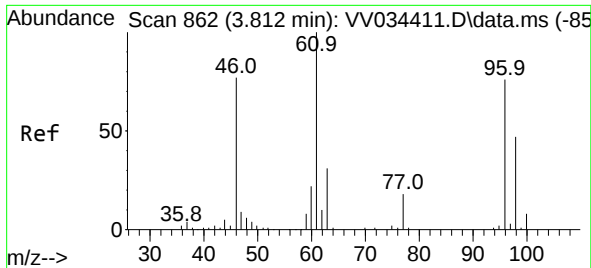
Delta R.T. -0.016 min

Lab File: VV034432.D

Acq: 27 Feb 2024 01:07

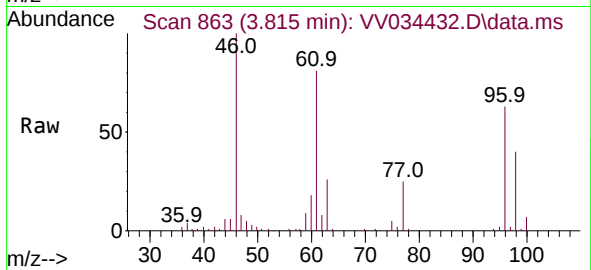
Tgt Ion:	43	Resp:	128073
Ion	Ratio	Lower	Upper
43	100		
72	23.6	12.4	37.0



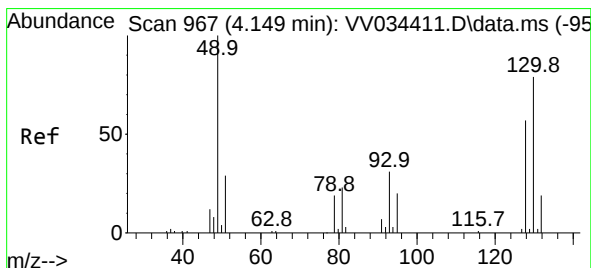
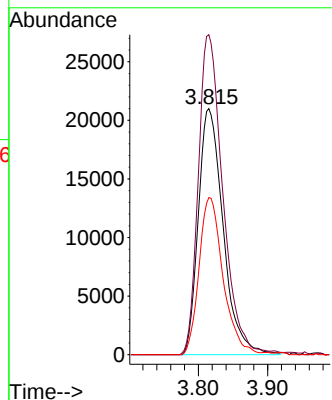
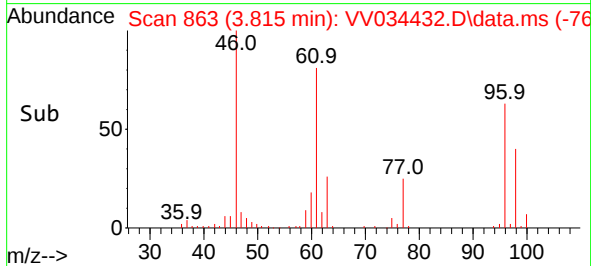


#22
 cis-1,2-Dichloroethene
 Concen: 5.447 ug/L
 RT: 3.815 min Scan# 863
 Delta R.T. 0.003 min
 Lab File: VV034432.D
 Acq: 27 Feb 2024 01:07

Instrument :
 MSVOA_V
 ClientSampleId :

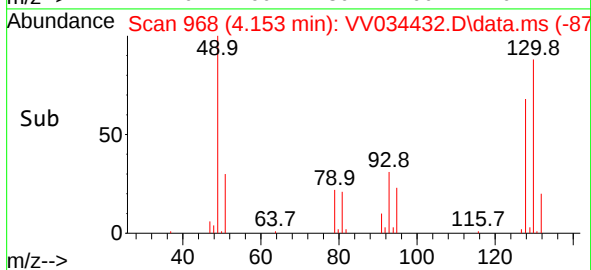
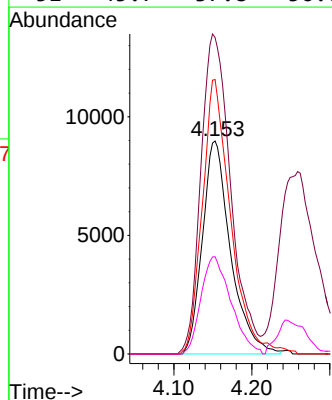
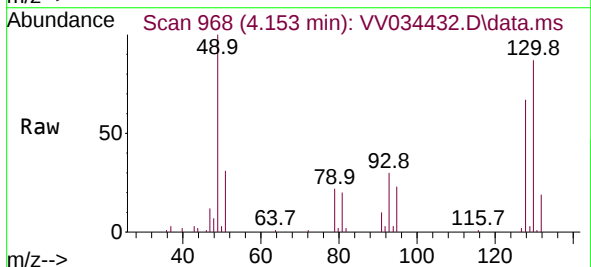


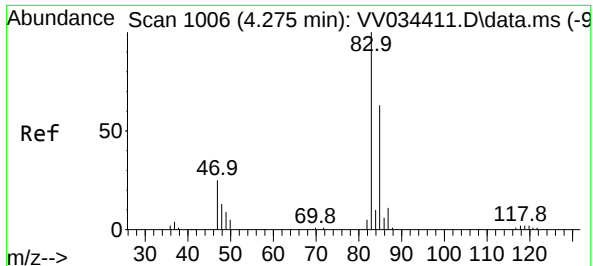
Tgt Ion: 96 Resp: 52290
 Ion Ratio Lower Upper
 96 100
 61 130.0 89.7 166.5
 98 63.8 42.0 78.0



#23
 Bromochloromethane
 Concen: 5.628 ug/L
 RT: 4.153 min Scan# 968
 Delta R.T. 0.003 min
 Lab File: VV034432.D
 Acq: 27 Feb 2024 01:07

Tgt Ion: 128 Resp: 22522
 Ion Ratio Lower Upper
 128 100
 49 148.6 109.9 204.1
 130 128.8 87.7 162.9
 51 45.7 37.8 56.6





#25

Chloroform

Concen: 5.498 ug/L

RT: 4.278 min Scan# 1006

Delta R.T. 0.003 min

Lab File: VV034432.D

Acq: 27 Feb 2024 01:07

Instrument :

MSVOA_V

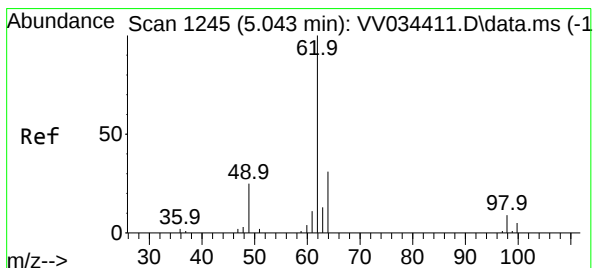
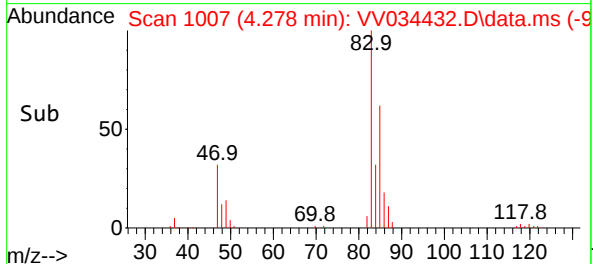
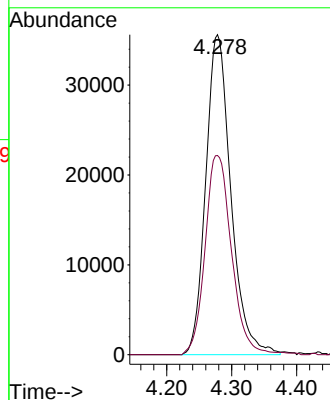
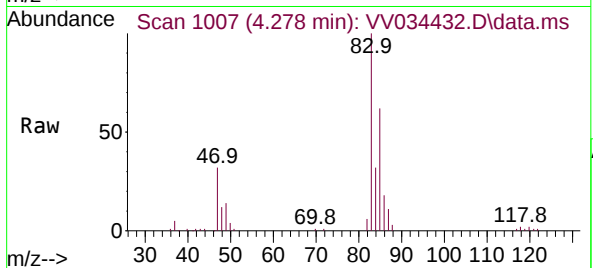
ClientSampleId :

Tgt Ion: 83 Resp: 95939

Ion Ratio Lower Upper

83 100

85 62.2 47.0 87.4



#27

1,2-Dichloroethane

Concen: 5.725 ug/L

RT: 5.043 min Scan# 1245

Delta R.T. 0.000 min

Lab File: VV034432.D

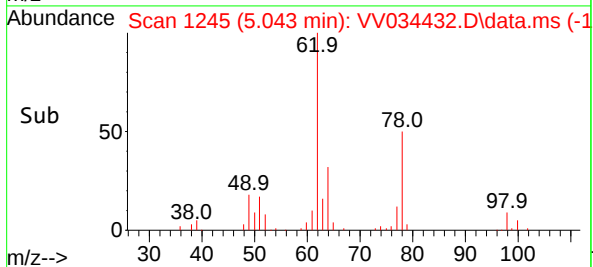
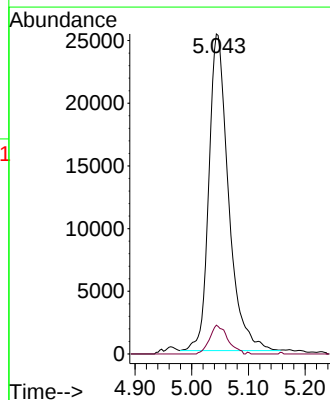
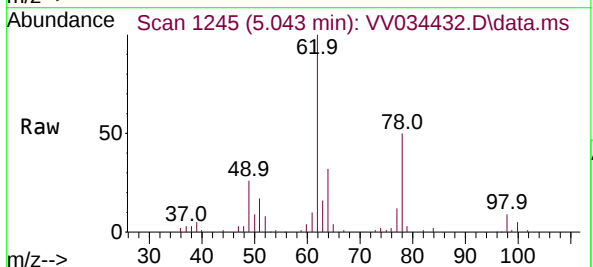
Acq: 27 Feb 2024 01:07

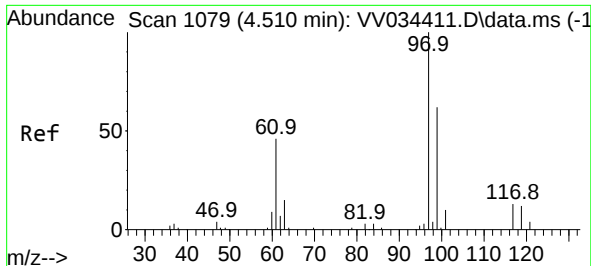
Tgt Ion: 62 Resp: 60972

Ion Ratio Lower Upper

62 100

98 9.0 7.0 10.6





#29

1,1,1-Trichloroethane

Concen: 5.172 ug/L

RT: 4.513 min Scan# 1102

Delta R.T. 0.003 min

Lab File: VV034432.D

Acq: 27 Feb 2024 01:07

Instrument :

MSVOA_V

ClientSampleId :

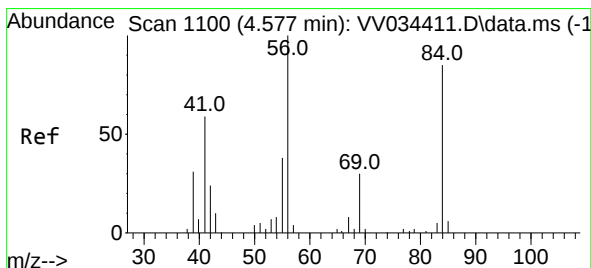
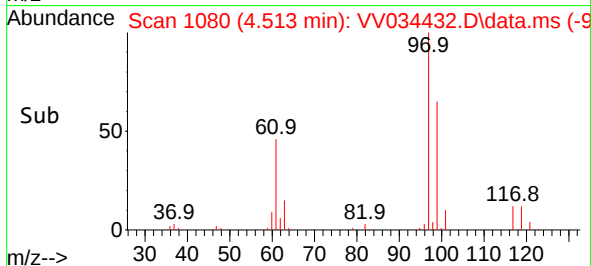
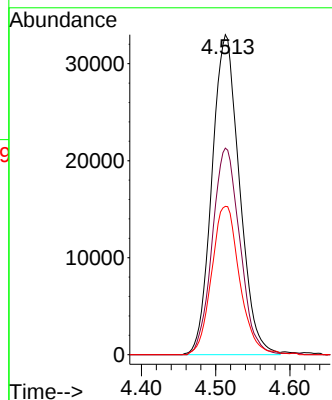
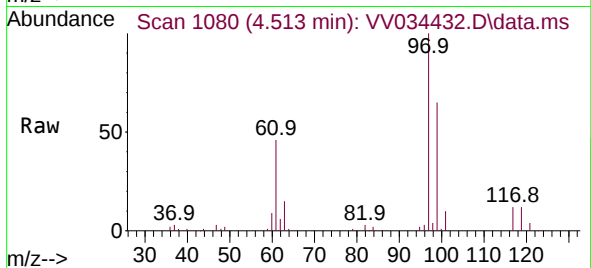
Tgt Ion: 97 Resp: 84947

Ion Ratio Lower Upper

97 100

99 64.9 51.2 76.8

61 47.3 36.1 54.1



#30

Cyclohexane

Concen: 5.127 ug/L

RT: 4.584 min Scan# 1102

Delta R.T. 0.006 min

Lab File: VV034432.D

Acq: 27 Feb 2024 01:07

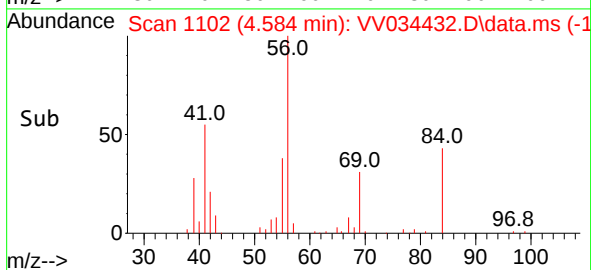
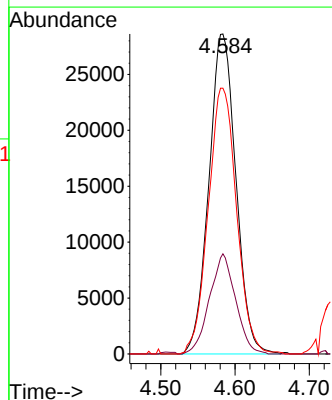
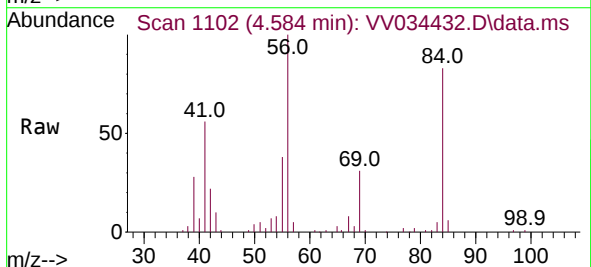
Tgt Ion: 56 Resp: 72433

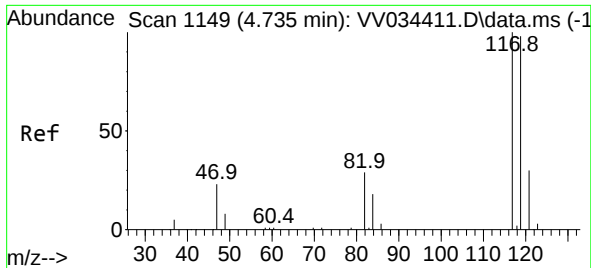
Ion Ratio Lower Upper

56 100

69 30.2 24.5 36.7

84 87.1 70.3 105.5

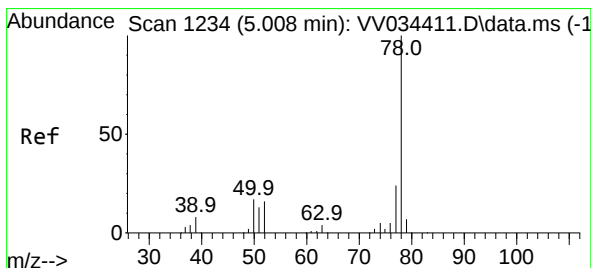
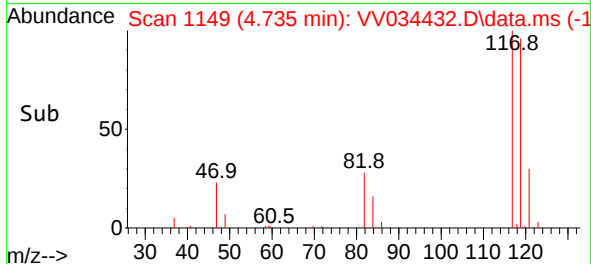
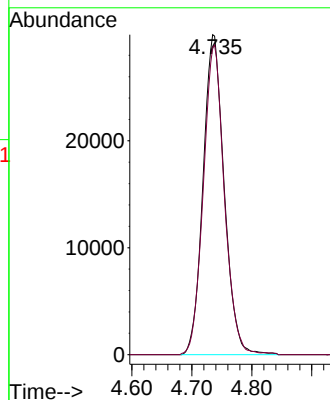
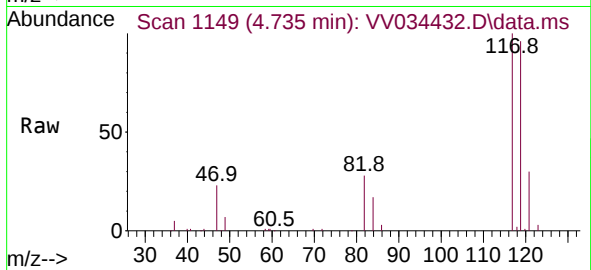




#31
Carbon tetrachloride
Concen: 5.133 ug/L
RT: 4.735 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VV034432.D
Acq: 27 Feb 2024 01:07

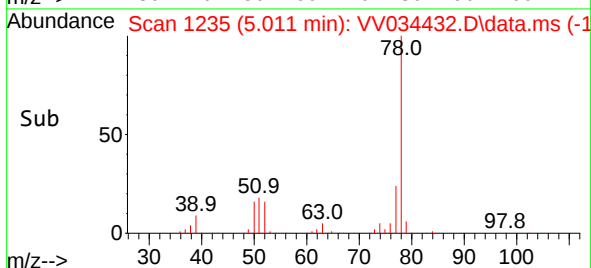
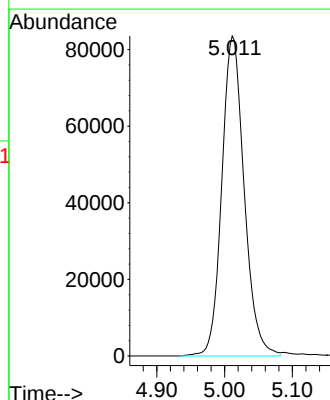
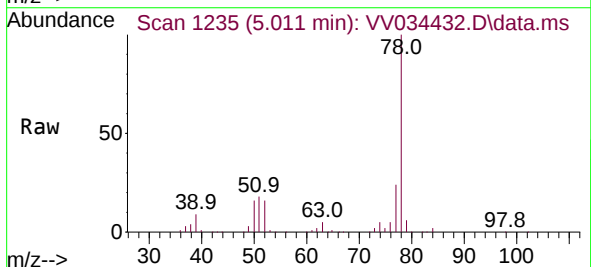
Instrument :
MSVOA_V
ClientSampleId :

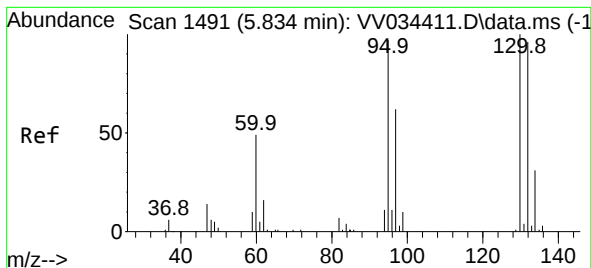
Tgt Ion:117 Resp: 73179
Ion Ratio Lower Upper
117 100
119 96.4 77.0 115.6



#33
Benzene
Concen: 5.264 ug/L
RT: 5.011 min Scan# 1235
Delta R.T. 0.003 min
Lab File: VV034432.D
Acq: 27 Feb 2024 01:07

Tgt Ion: 78 Resp: 191305





#34

Trichloroethene

Concen: 5.455 ug/L

RT: 5.834 min Scan# 1491

Delta R.T. 0.000 min

Lab File: VV034432.D

Acq: 27 Feb 2024 01:07

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 51768

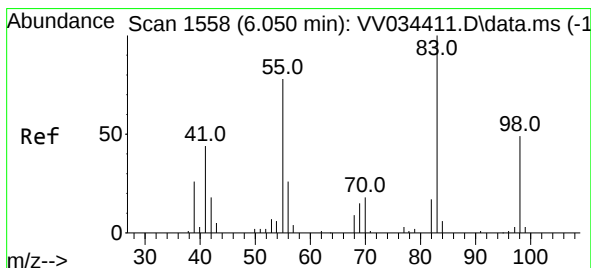
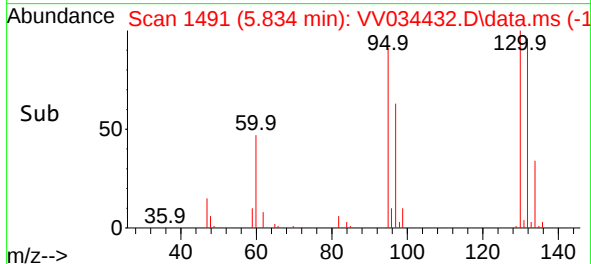
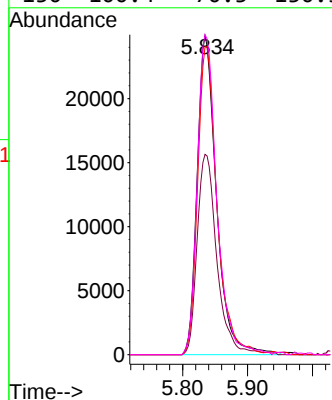
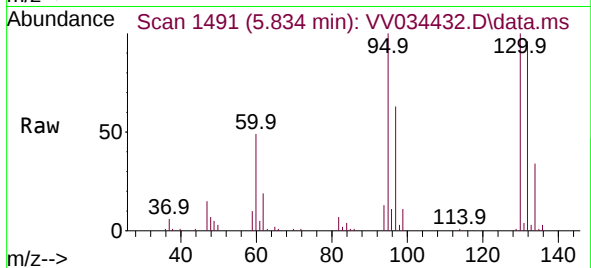
Ion Ratio Lower Upper

95 100

97 62.9 43.3 80.5

132 96.6 67.8 126.0

130 100.4 70.3 130.5



#35

Methylcyclohexane

Concen: 4.992 ug/L

RT: 6.050 min Scan# 1558

Delta R.T. 0.000 min

Lab File: VV034432.D

Acq: 27 Feb 2024 01:07

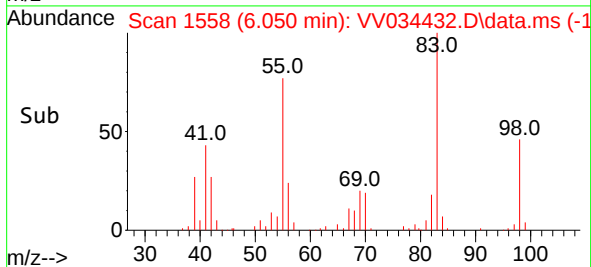
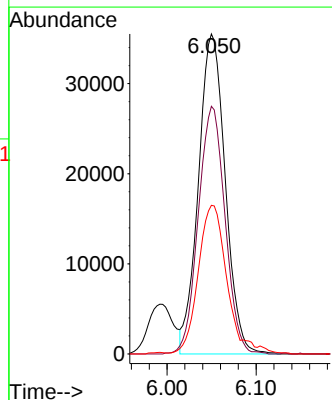
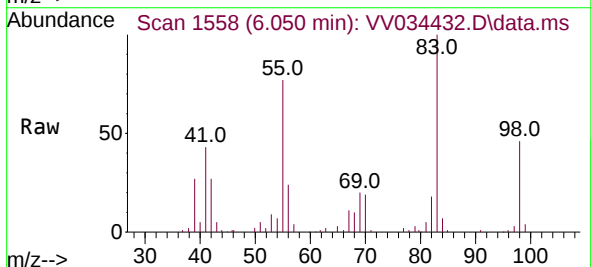
Tgt Ion: 83 Resp: 74369

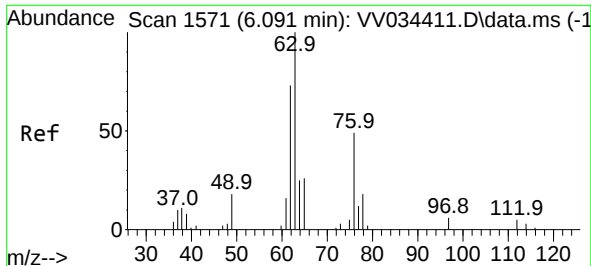
Ion Ratio Lower Upper

83 100

55 77.2 61.9 92.9

98 48.1 38.1 57.1





#37

1,2-Dichloropropane

Concen: 5.220 ug/L

RT: 6.095 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV034432.D

Acq: 27 Feb 2024 01:07

Instrument :

MSVOA_V

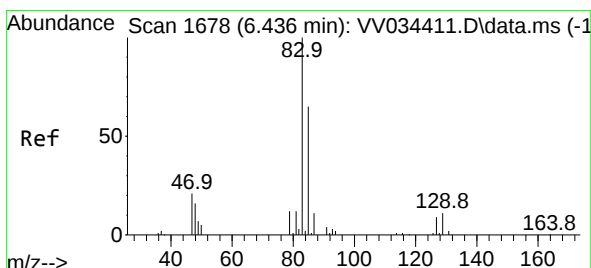
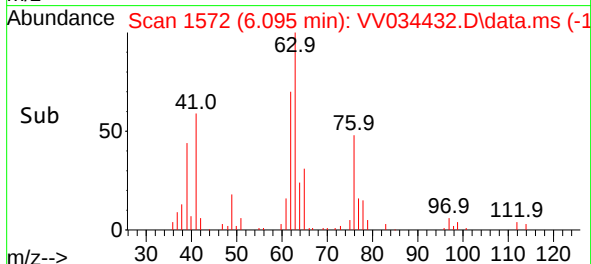
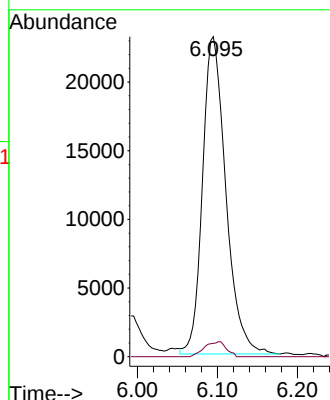
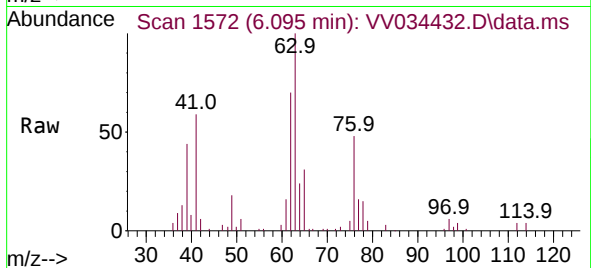
ClientSampleId :

Tgt Ion: 63 Resp: 46893

Ion Ratio Lower Upper

63 100

112 4.4 3.4 5.0



#38

Bromodichloromethane

Concen: 5.201 ug/L

RT: 6.436 min Scan# 1678

Delta R.T. 0.000 min

Lab File: VV034432.D

Acq: 27 Feb 2024 01:07

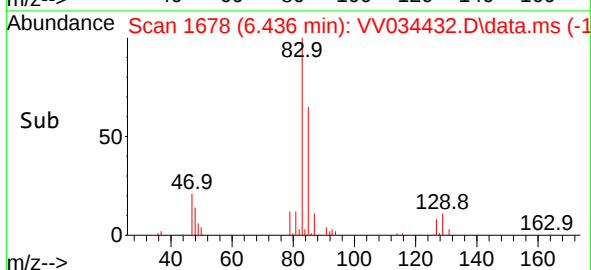
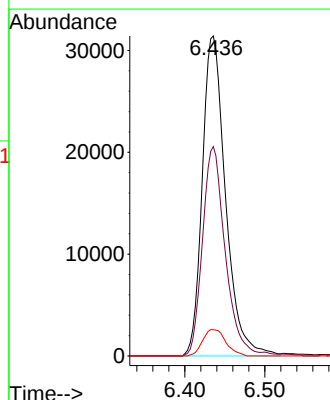
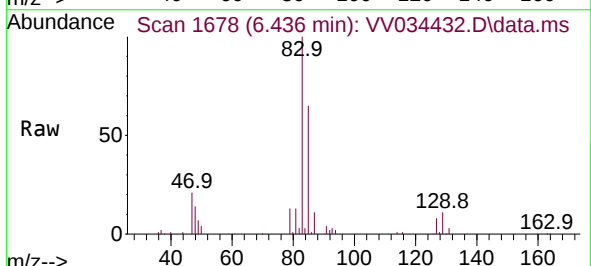
Tgt Ion: 83 Resp: 63666

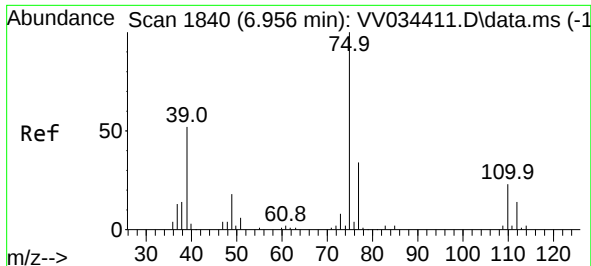
Ion Ratio Lower Upper

83 100

85 65.4 45.4 84.2

127 8.2 6.8 10.2





#39

cis-1,3-Dichloropropene

Concen: 5.348 ug/L

RT: 6.956 min Scan# 11

Delta R.T. 0.000 min

Lab File: VV034432.D

Acq: 27 Feb 2024 01:07

Instrument :

MSVOA_V

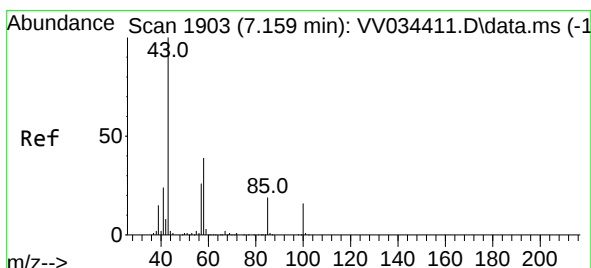
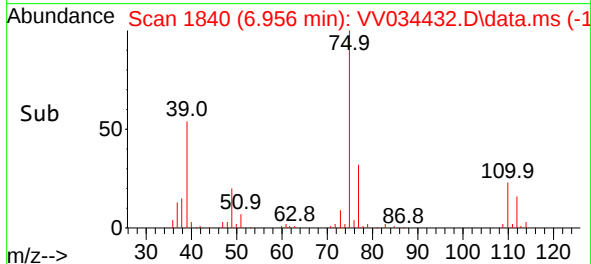
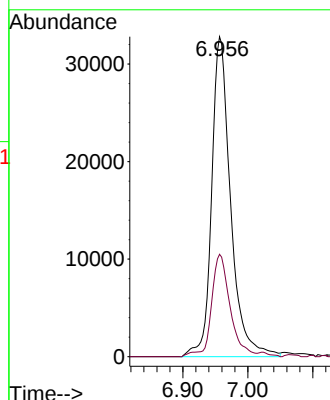
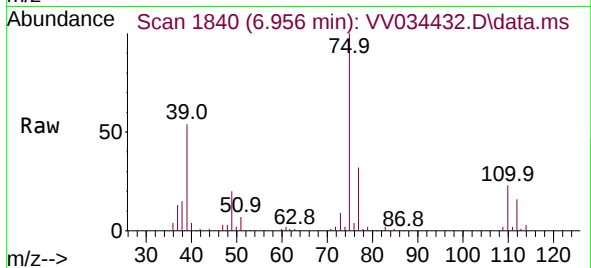
ClientSampleId :

Tgt Ion: 75 Resp: 66580

Ion Ratio Lower Upper

75 100

77 32.0 21.5 39.9



#40

4-Methyl-2-pentanone

Concen: 57.796 ug/L

RT: 7.159 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VV034432.D

Acq: 27 Feb 2024 01:07

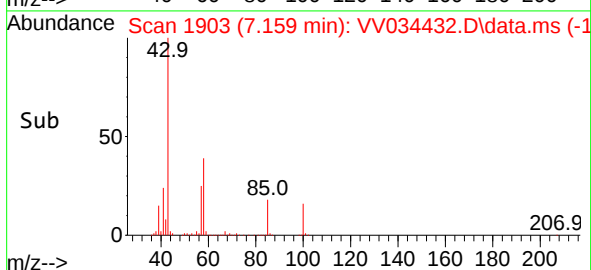
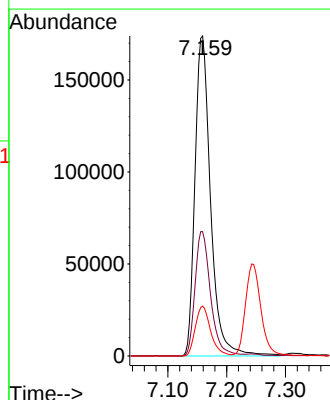
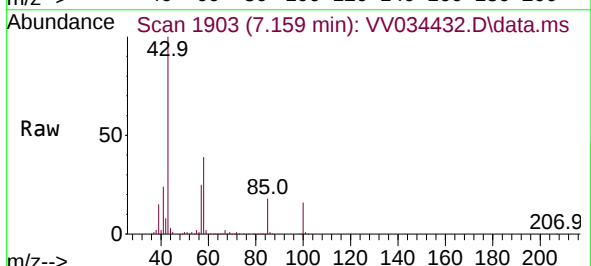
Tgt Ion: 43 Resp: 321186

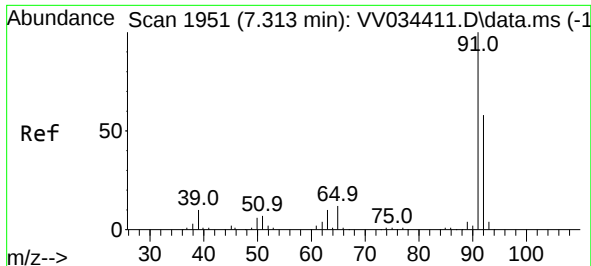
Ion Ratio Lower Upper

43 100

58 38.5 30.7 46.1

100 15.2 12.3 18.5





#42

Toluene

Concen: 5.357 ug/L

RT: 7.317 min Scan# 1951

Delta R.T. 0.003 min

Lab File: VV034432.D

Acq: 27 Feb 2024 01:07

Instrument :

MSVOA_V

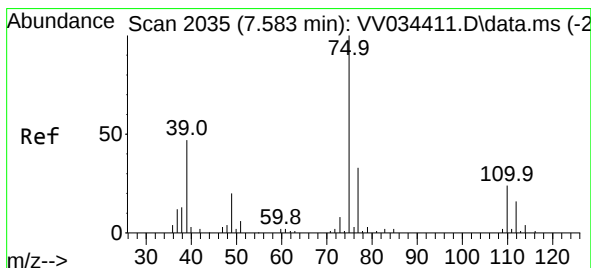
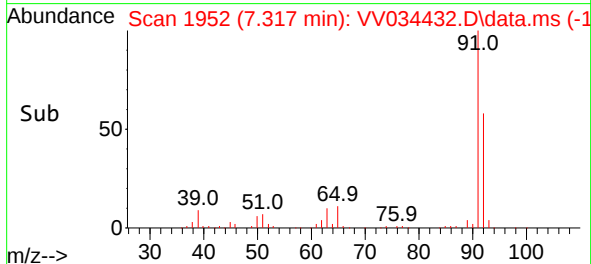
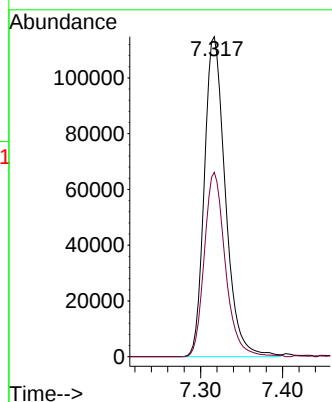
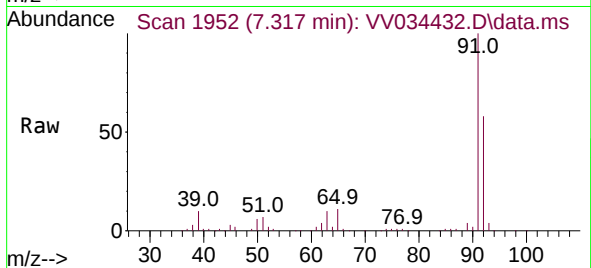
ClientSampleId :

Tgt Ion: 91 Resp: 204528

Ion Ratio Lower Upper

91 100

92 57.6 40.5 75.3



#44

trans-1,3-Dichloropropene

Concen: 5.616 ug/L

RT: 7.583 min Scan# 2035

Delta R.T. 0.000 min

Lab File: VV034432.D

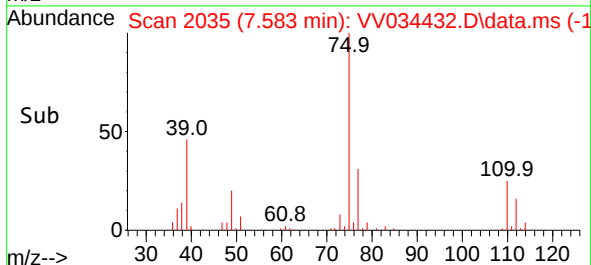
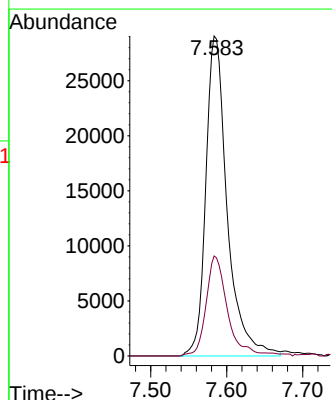
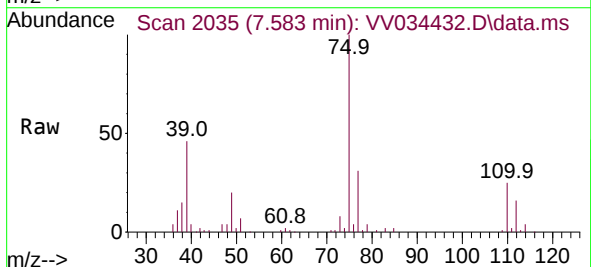
Acq: 27 Feb 2024 01:07

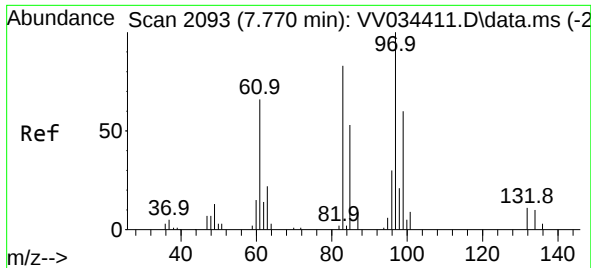
Tgt Ion: 75 Resp: 56780

Ion Ratio Lower Upper

75 100

77 31.2 22.7 42.1

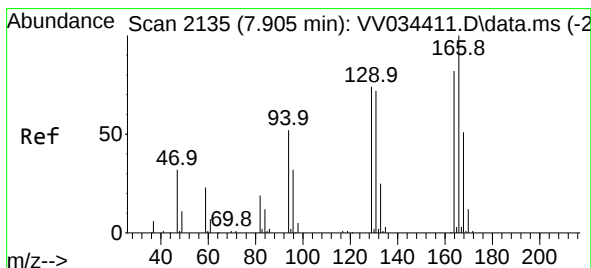
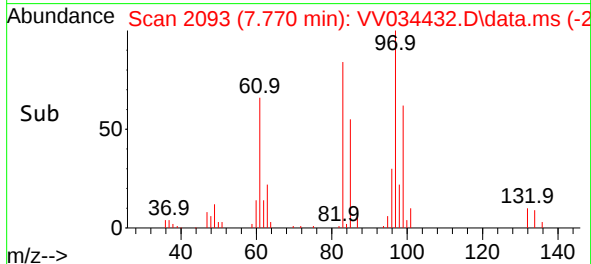
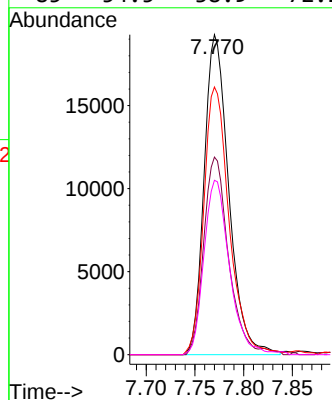
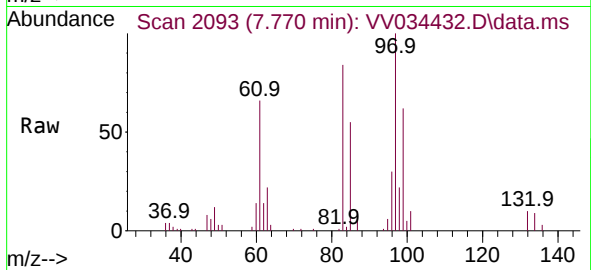




#45
1,1,2-Trichloroethane
Concen: 5.552 ug/L
RT: 7.770 min Scan# 2093
Delta R.T. 0.000 min
Lab File: VV034432.D
Acq: 27 Feb 2024 01:07

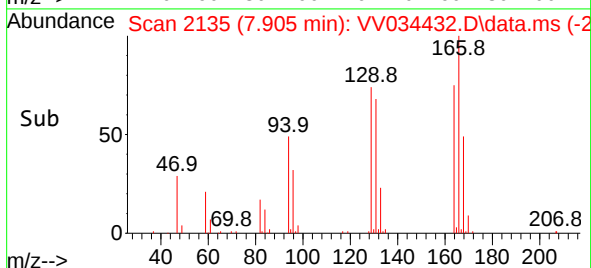
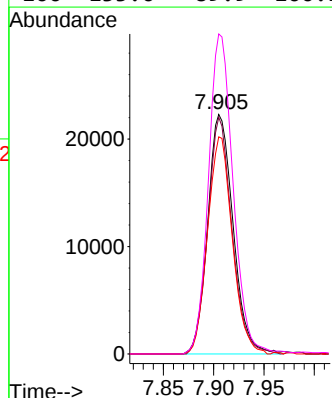
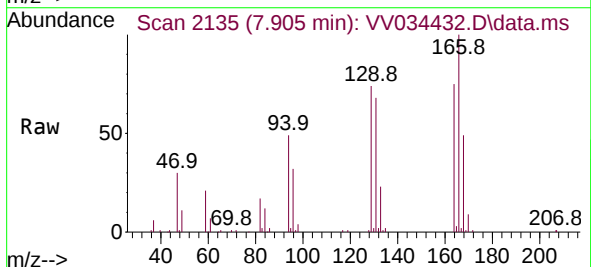
Instrument :
MSVOA_V
ClientSampleId :

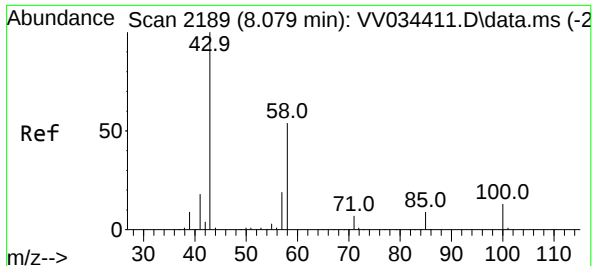
Tgt Ion: 97	Resp: 33927
Ion Ratio	Lower Upper
97 100	
99 61.8	43.3 80.5
83 83.7	57.9 107.5
85 54.5	38.9 72.2



#47
Tetrachloroethene
Concen: 5.276 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. 0.000 min
Lab File: VV034432.D
Acq: 27 Feb 2024 01:07

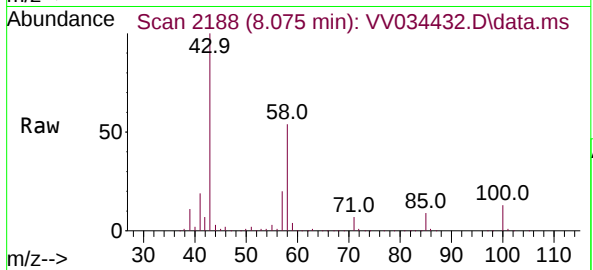
Tgt Ion:164	Resp: 39283
Ion Ratio	Lower Upper
164 100	
129 98.8	64.2 119.2
131 90.7	65.9 122.3
166 133.6	89.9 166.9



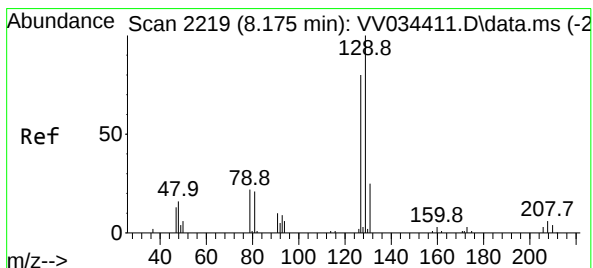
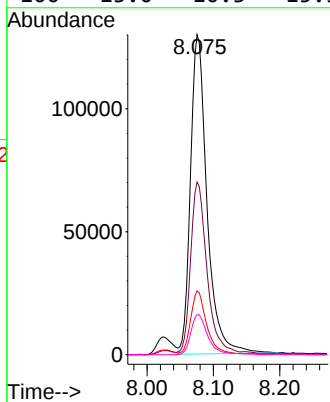
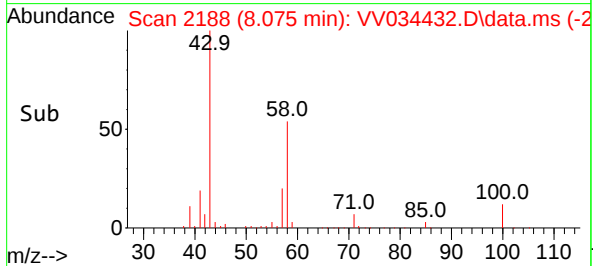


#48
2-Hexanone
Concen: 56.943 ug/L
RT: 8.075 min Scan# 2189
Delta R.T. -0.003 min
Lab File: VV034432.D
Acq: 27 Feb 2024 01:07

Instrument :
MSVOA_V
ClientSampleId :

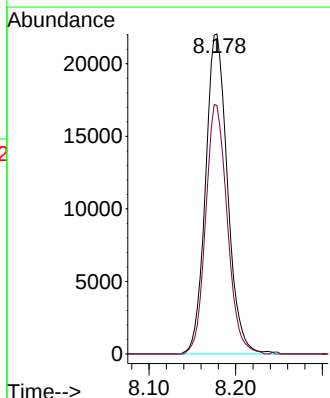
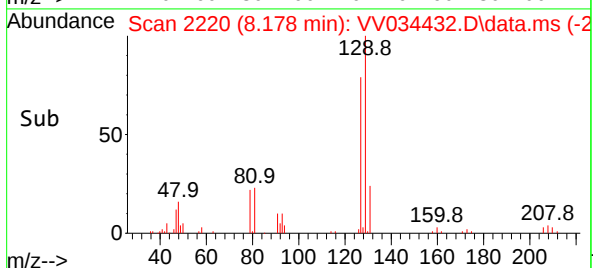
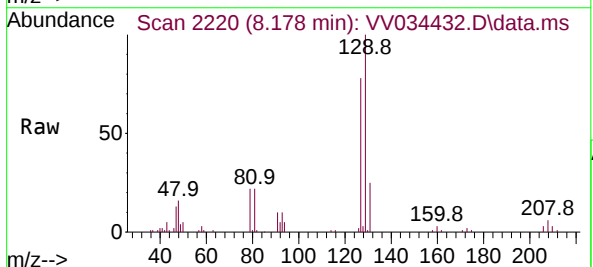


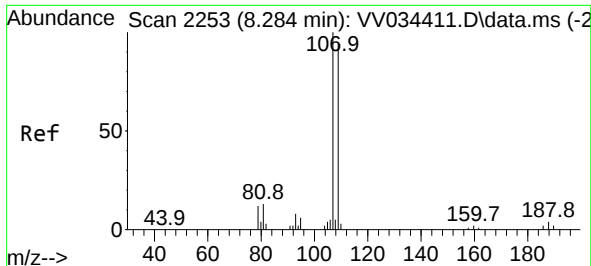
Tgt Ion: 43 Resp: 225390
Ion Ratio Lower Upper
43 100
58 52.1 43.4 65.0
57 18.9 15.5 23.3
100 13.0 10.3 15.5



#49
Dibromochloromethane
Concen: 5.469 ug/L
RT: 8.178 min Scan# 2220
Delta R.T. 0.003 min
Lab File: VV034432.D
Acq: 27 Feb 2024 01:07

Tgt Ion: 129 Resp: 38906
Ion Ratio Lower Upper
129 100
127 77.7 54.0 100.4





#50

1,2-Dibromoethane

Concen: 5.678 ug/L

RT: 8.284 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV034432.D

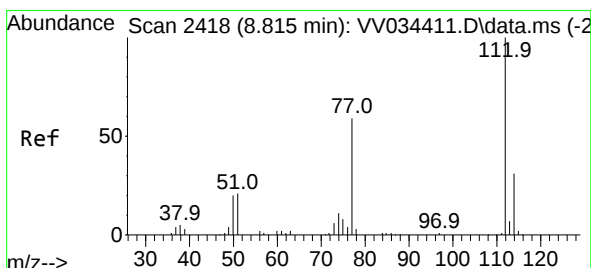
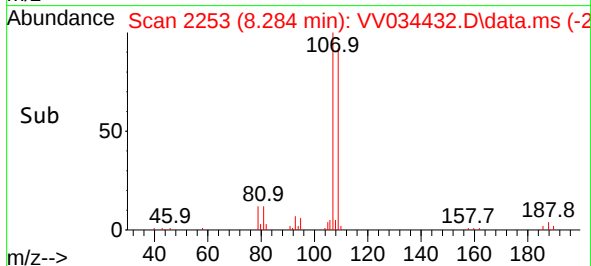
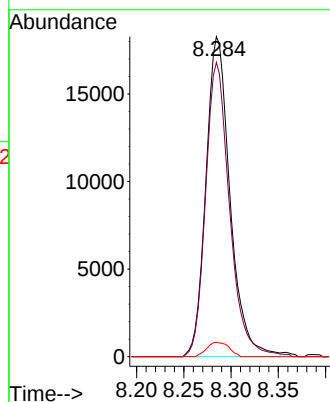
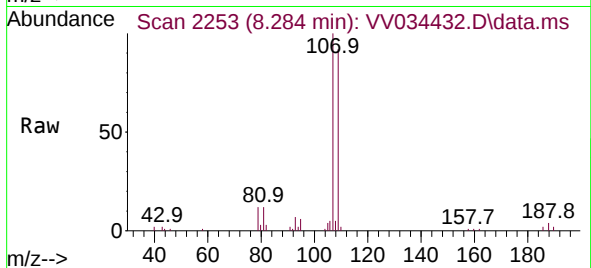
Acq: 27 Feb 2024 01:07

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	107	Resp:	32455
Ion Ratio	Lower	Upper	
107	100		
109	91.9	63.8	118.4
188	4.5	3.1	4.7



#51

Chlorobenzene

Concen: 5.319 ug/L

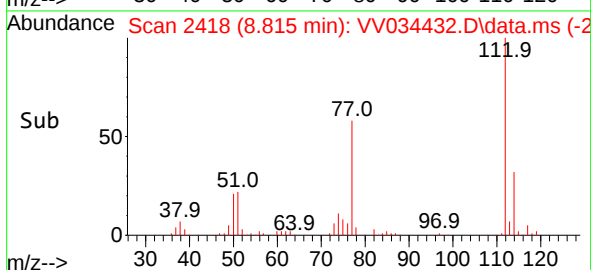
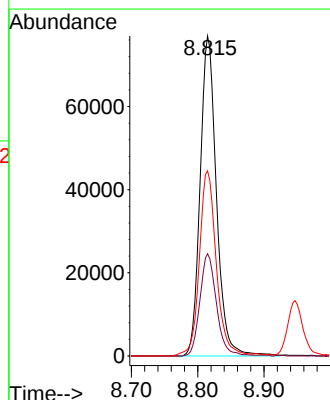
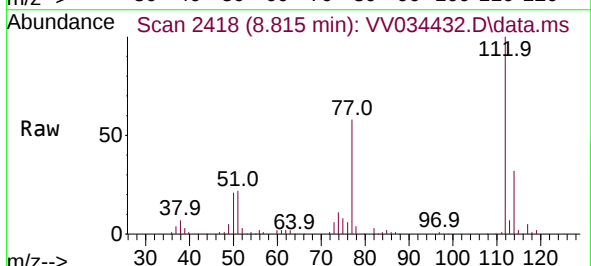
RT: 8.815 min Scan# 2418

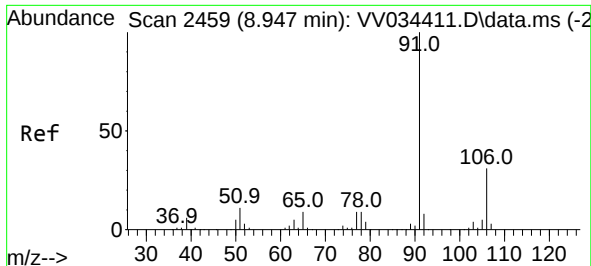
Delta R.T. 0.000 min

Lab File: VV034432.D

Acq: 27 Feb 2024 01:07

Tgt Ion:	112	Resp:	131924
Ion Ratio	Lower	Upper	
112	100		
114	32.0	22.5	41.9
77	57.9	45.4	68.2

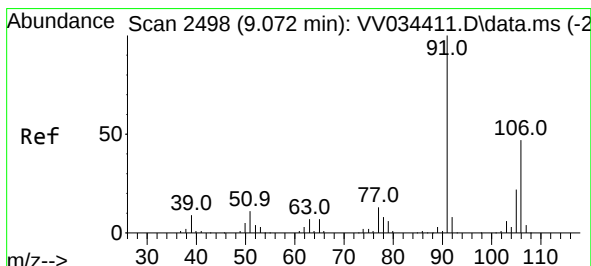
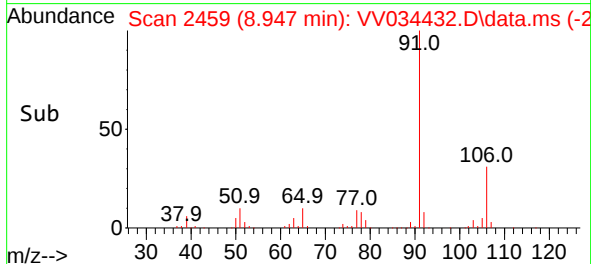
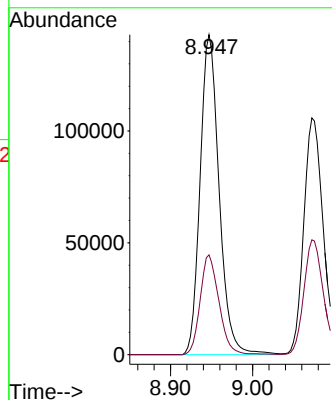
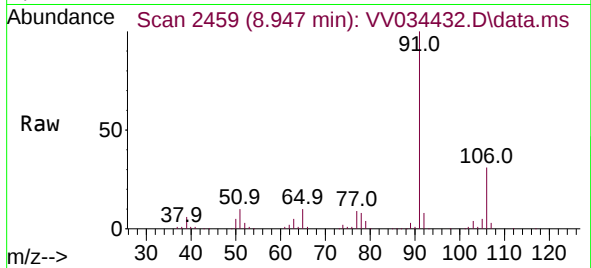




#52
Ethylbenzene
Concen: 5.356 ug/L
RT: 8.947 min Scan# 2459
Delta R.T. 0.000 min
Lab File: VV034432.D
Acq: 27 Feb 2024 01:07

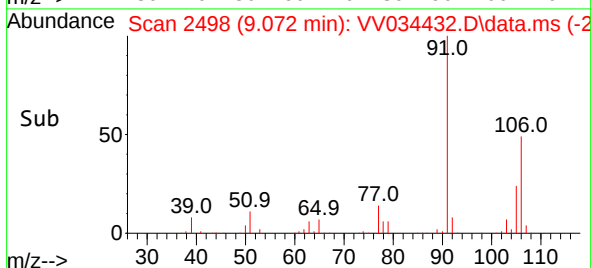
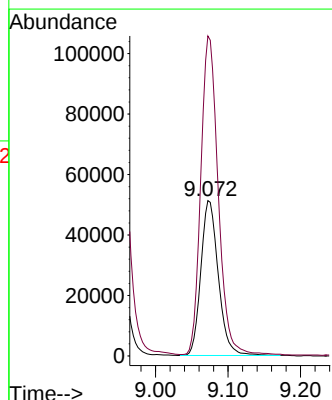
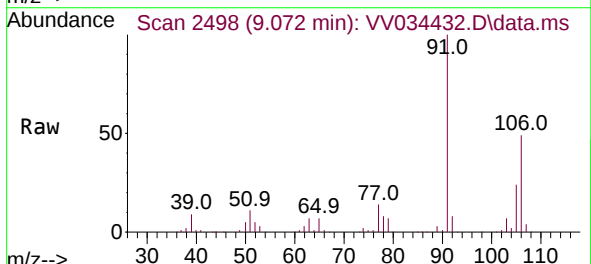
Instrument :
MSVOA_V
ClientSampleId :

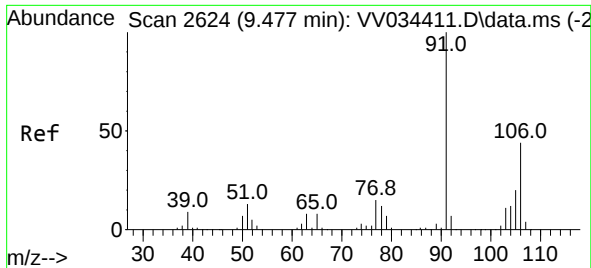
Tgt Ion: 91 Resp: 230288
Ion Ratio Lower Upper
91 100
106 31.2 21.4 39.8



#53
m,p-Xylene
Concen: 5.371 ug/L
RT: 9.072 min Scan# 2498
Delta R.T. 0.000 min
Lab File: VV034432.D
Acq: 27 Feb 2024 01:07

Tgt Ion: 106 Resp: 85846
Ion Ratio Lower Upper
106 100
91 206.0 148.5 275.9

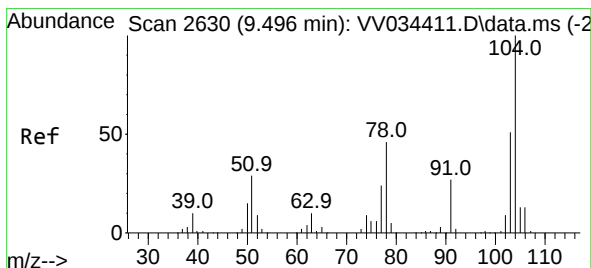
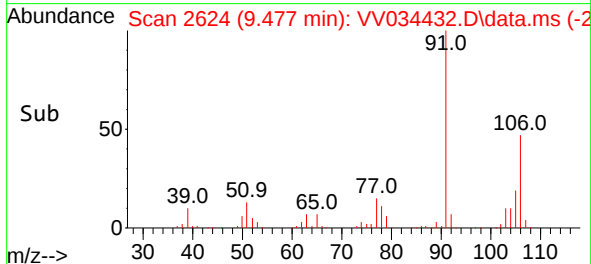
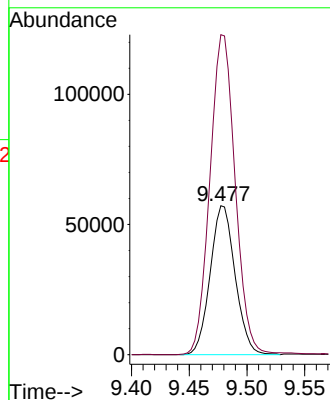
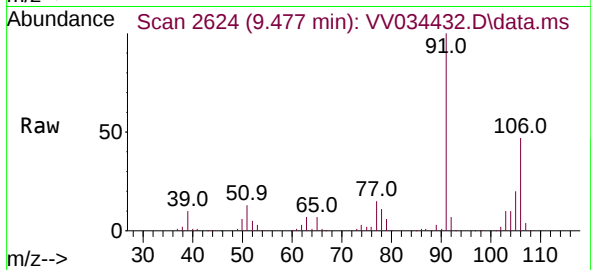




#54
o-Xylene
Concen: 5.383 ug/L
RT: 9.477 min Scan# 2624
Delta R.T. 0.000 min
Lab File: VV034432.D
Acq: 27 Feb 2024 01:07

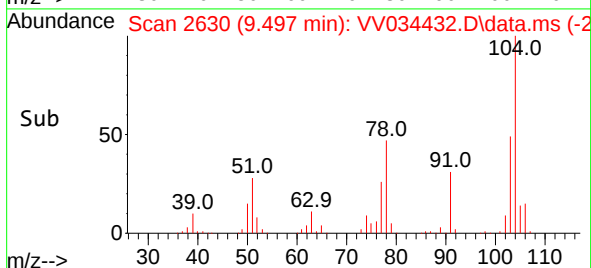
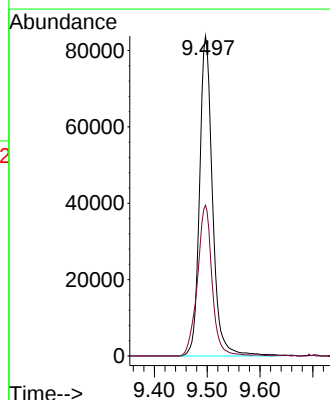
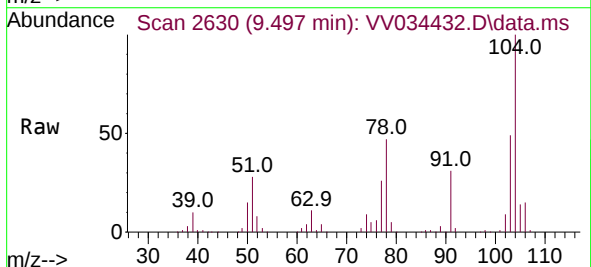
Instrument :
MSVOA_V
ClientSampleId :

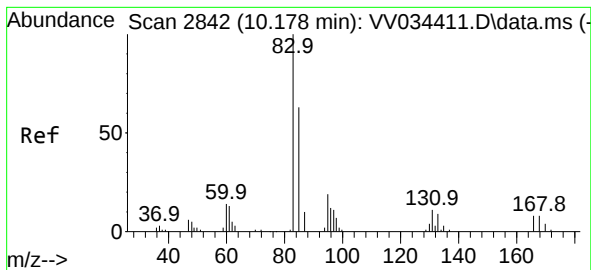
Tgt Ion:106 Resp: 85899
Ion Ratio Lower Upper
106 100
91 214.8 155.8 289.3



#55
Styrene
Concen: 5.569 ug/L
RT: 9.497 min Scan# 2630
Delta R.T. 0.000 min
Lab File: VV034432.D
Acq: 27 Feb 2024 01:07

Tgt Ion:104 Resp: 142899
Ion Ratio Lower Upper
104 100
78 47.1 32.9 61.1

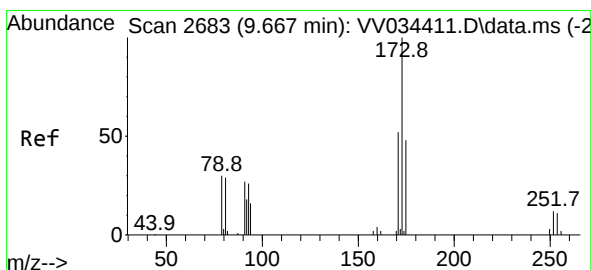
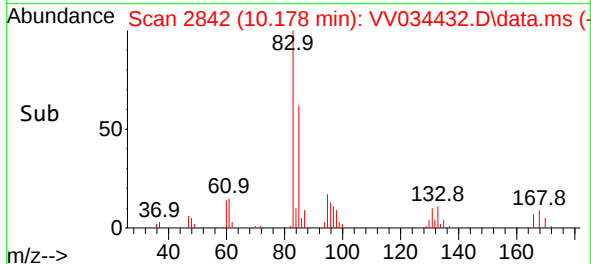
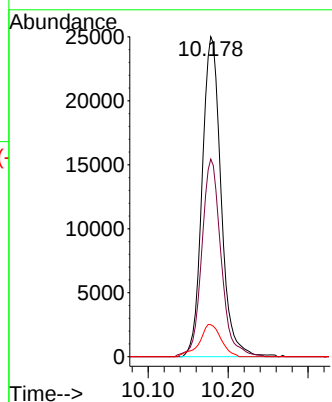
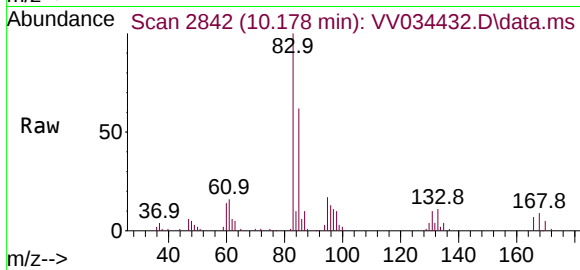




#57
1,1,2,2-Tetrachloroethane
Concen: 5.630 ug/L
RT: 10.178 min Scan# 2842
Delta R.T. 0.000 min
Lab File: VV034432.D
Acq: 27 Feb 2024 01:07

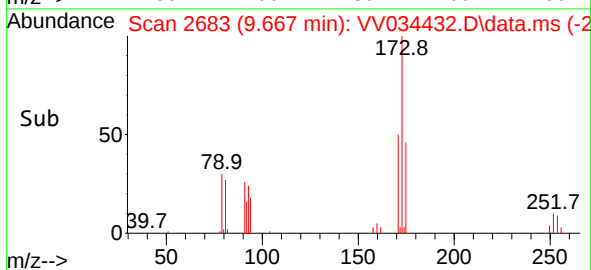
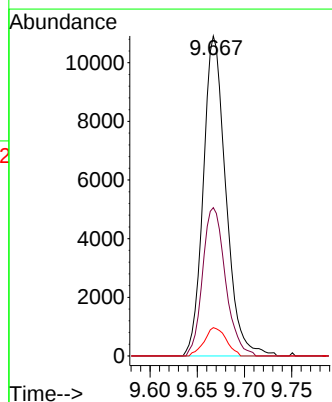
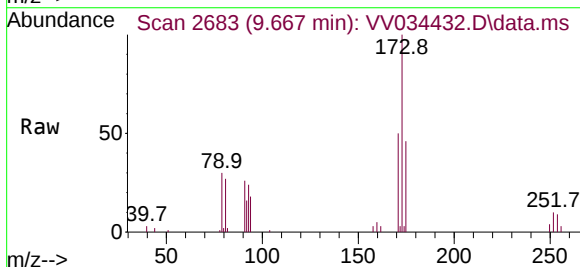
Instrument :
MSVOA_V
ClientSampleId :

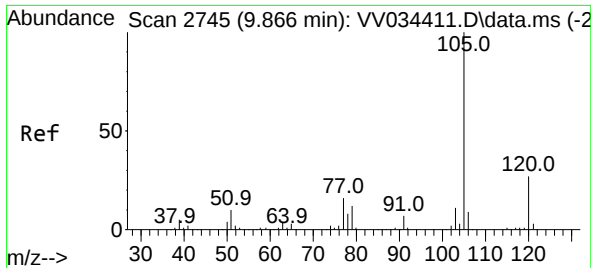
Tgt Ion: 83 Resp: 41151
Ion Ratio Lower Upper
83 100
85 61.7 46.7 86.7
131 10.0 8.6 12.8



#59
Bromoform
Concen: 4.997 ug/L
RT: 9.667 min Scan# 2683
Delta R.T. 0.000 min
Lab File: VV034432.D
Acq: 27 Feb 2024 01:07

Tgt Ion: 173 Resp: 18128
Ion Ratio Lower Upper
173 100
175 46.8 38.9 58.3
254 8.6 7.8 11.6

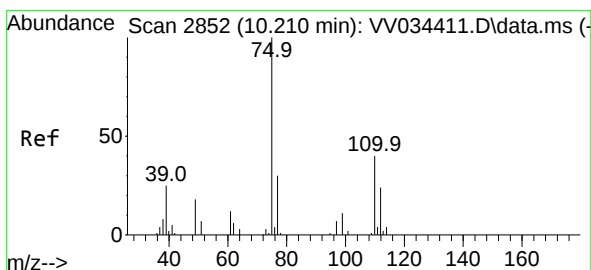
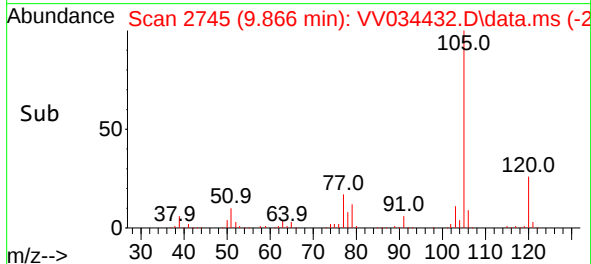
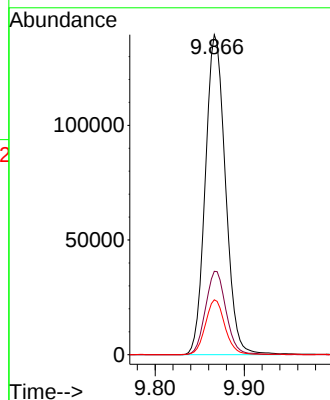
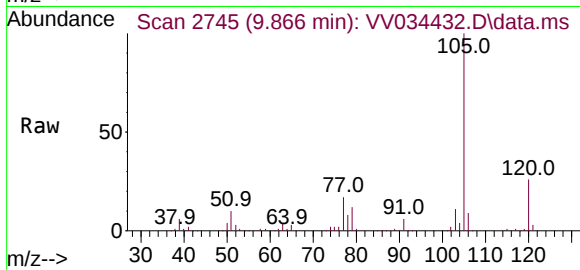




#60
Isopropylbenzene
Concen: 5.137 ug/L
RT: 9.866 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV034432.D
Acq: 27 Feb 2024 01:07

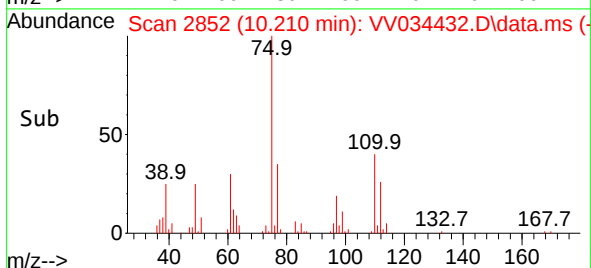
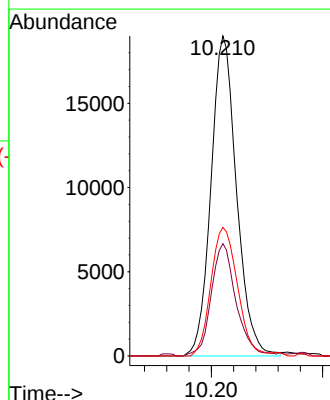
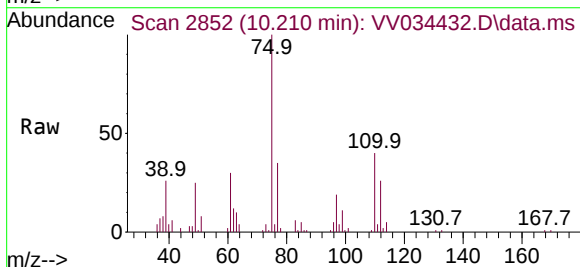
Instrument :
MSVOA_V
ClientSampleId :

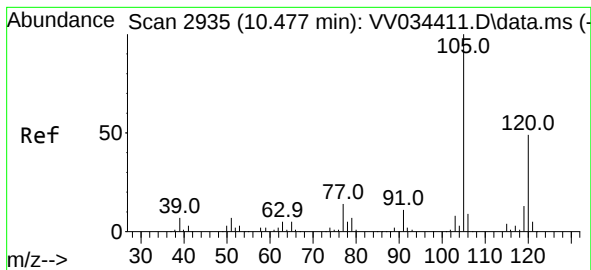
Tgt Ion:105 Resp: 218504
Ion Ratio Lower Upper
105 100
120 26.6 21.3 31.9
77 16.7 13.0 19.4



#61
1,2,3-Trichloropropane
Concen: 5.519 ug/L
RT: 10.210 min Scan# 2852
Delta R.T. 0.000 min
Lab File: VV034432.D
Acq: 27 Feb 2024 01:07

Tgt Ion: 75 Resp: 30263
Ion Ratio Lower Upper
75 100
77 34.0 27.7 41.5
110 41.7 32.0 48.0





#62

1,3,5-Trimethylbenzene

Concen: 5.166 ug/L

RT: 10.477 min Scan# 2935

Delta R.T. 0.000 min

Lab File: VV034432.D

Acq: 27 Feb 2024 01:07

Instrument :

MSVOA_V

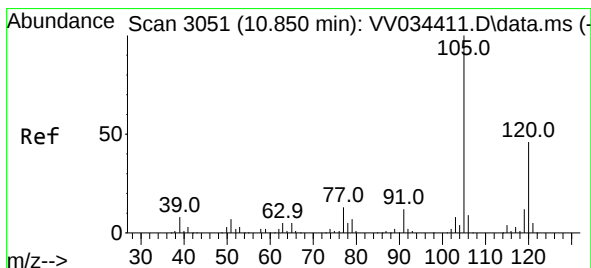
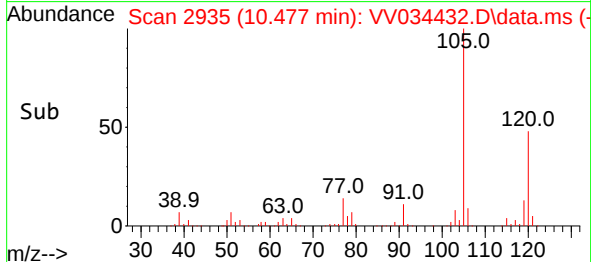
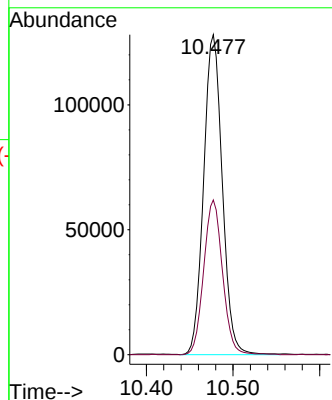
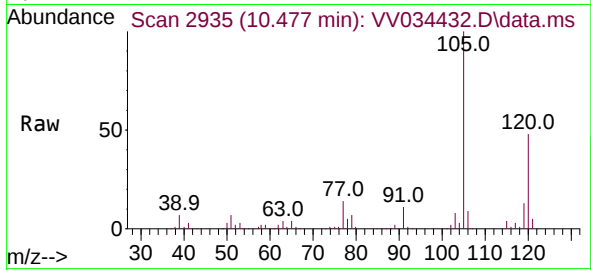
ClientSampleId :

Tgt Ion:105 Resp: 191786

Ion Ratio Lower Upper

105 100

120 48.8 38.7 58.1



#63

1,2,4-Trimethylbenzene

Concen: 5.165 ug/L

RT: 10.850 min Scan# 3051

Delta R.T. 0.000 min

Lab File: VV034432.D

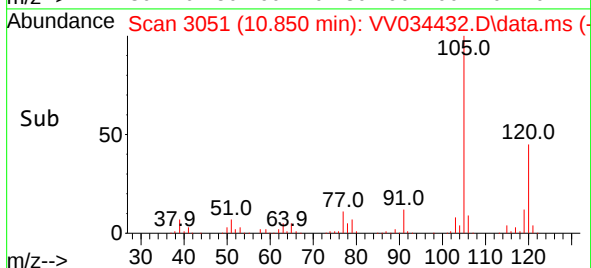
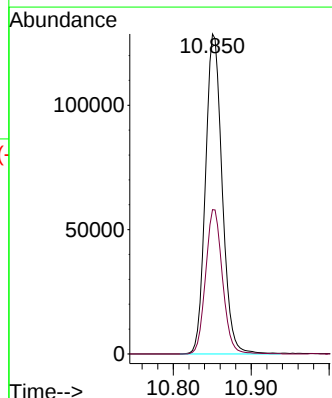
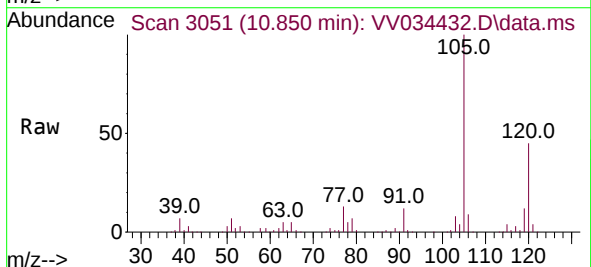
Acq: 27 Feb 2024 01:07

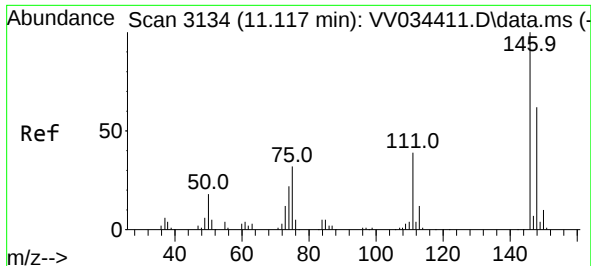
Tgt Ion:105 Resp: 192020

Ion Ratio Lower Upper

105 100

120 45.6 35.4 53.2

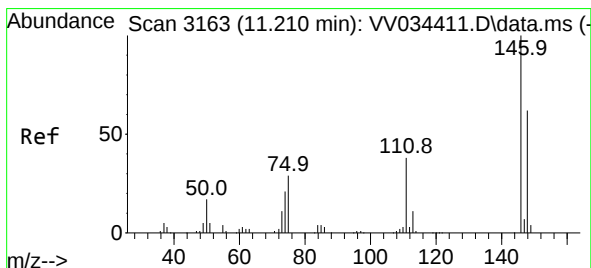
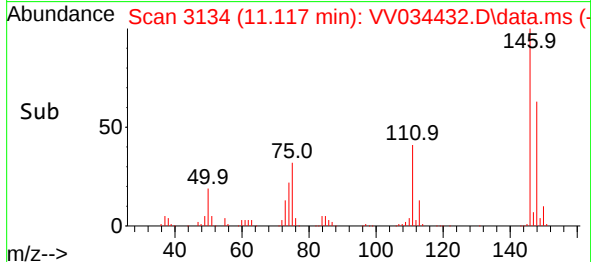
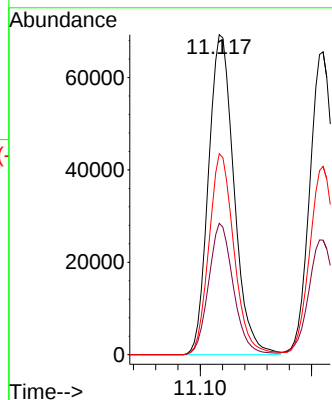
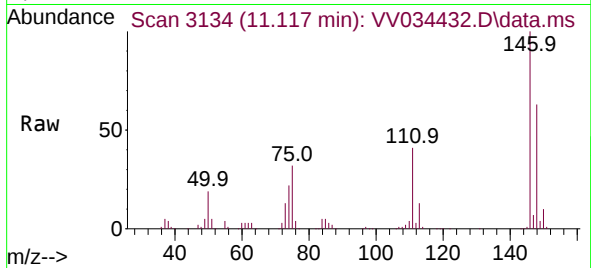




#64
1,3-Dichlorobenzene
Concen: 5.342 ug/L
RT: 11.117 min Scan# 3134
Delta R.T. 0.000 min
Lab File: VV034432.D
Acq: 27 Feb 2024 01:07

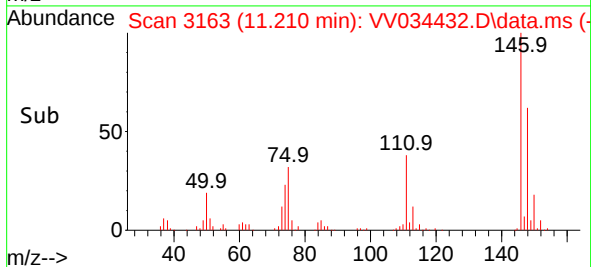
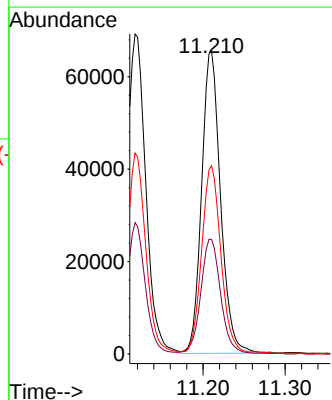
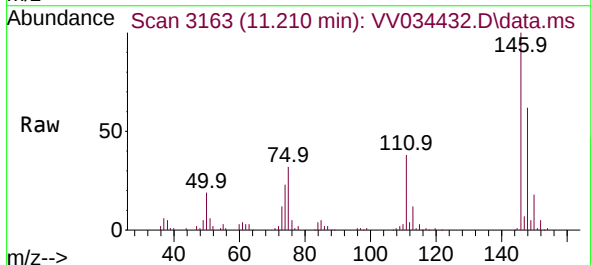
Instrument :
MSVOA_V
ClientSampleId :

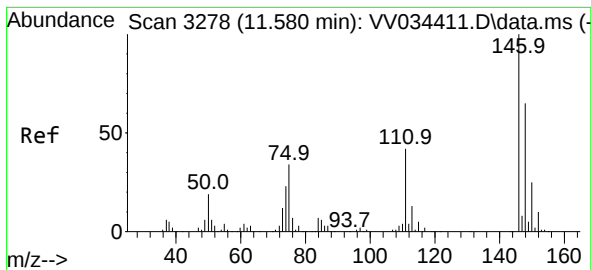
Tgt Ion:146 Resp: 110358
Ion Ratio Lower Upper
146 100
111 41.0 27.0 50.2
148 62.8 43.1 80.1



#65
1,4-Dichlorobenzene
Concen: 5.112 ug/L
RT: 11.210 min Scan# 3163
Delta R.T. 0.000 min
Lab File: VV034432.D
Acq: 27 Feb 2024 01:07

Tgt Ion:146 Resp: 104807
Ion Ratio Lower Upper
146 100
111 37.8 27.2 50.6
148 62.2 43.5 80.9





#67

1,2-Dichlorobenzene

Concen: 5.231 ug/L

RT: 11.580 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV034432.D

Acq: 27 Feb 2024 01:07

Instrument :

MSVOA_V

ClientSampleId :

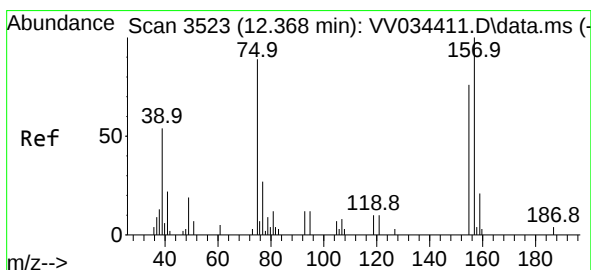
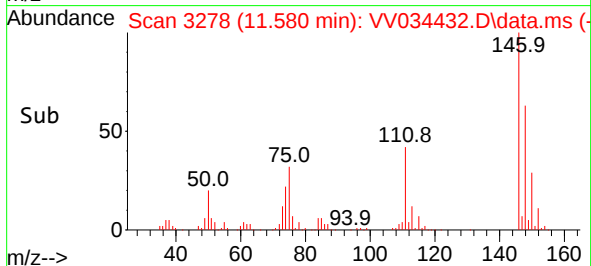
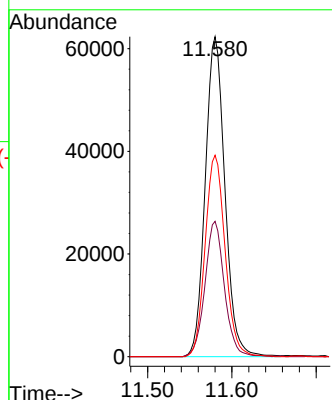
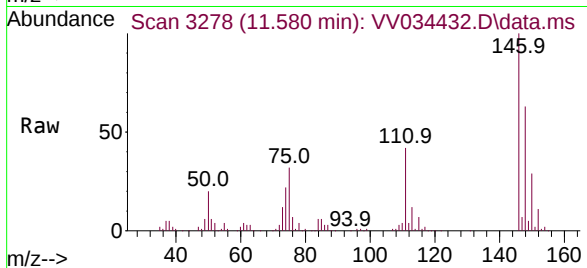
Tgt Ion:146 Resp: 101314

Ion Ratio Lower Upper

146 100

111 42.3 32.2 48.4

148 63.0 49.7 74.5



#68

1,2-Dibromo-3-chloropropane

Concen: 5.253 ug/L

RT: 12.368 min Scan# 3523

Delta R.T. 0.000 min

Lab File: VV034432.D

Acq: 27 Feb 2024 01:07

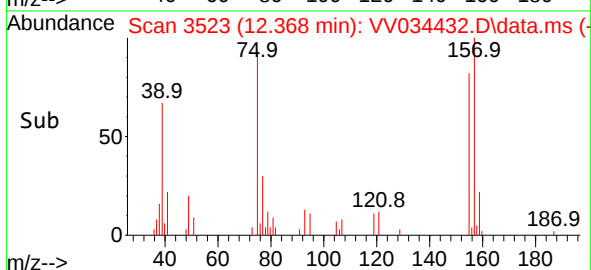
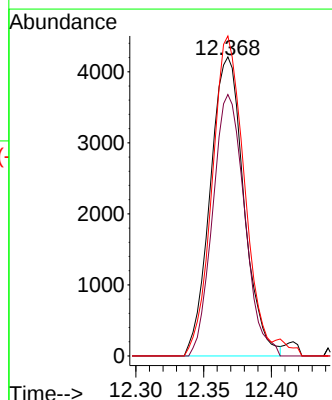
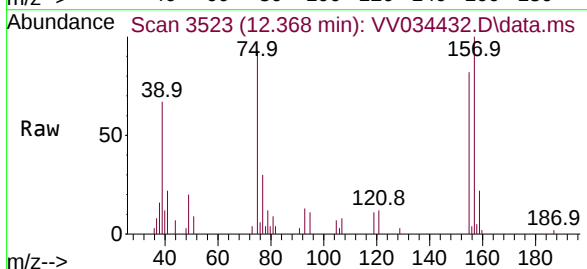
Tgt Ion: 75 Resp: 7276

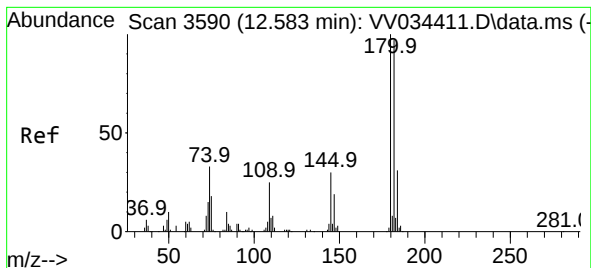
Ion Ratio Lower Upper

75 100

155 87.4 60.0 90.0

157 107.0 78.6 117.8





#69

1,3,5-Trichlorobenzene

Concen: 4.913 ug/L

RT: 12.583 min Scan# 3590

Delta R.T. 0.000 min

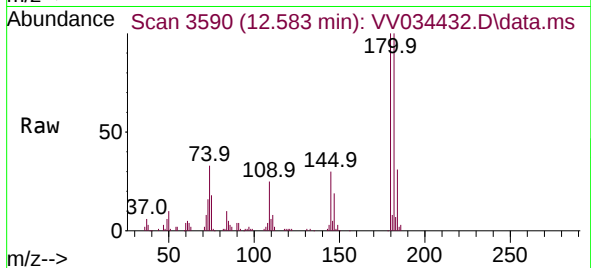
Lab File: VV034432.D

Acq: 27 Feb 2024 01:07

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 77874

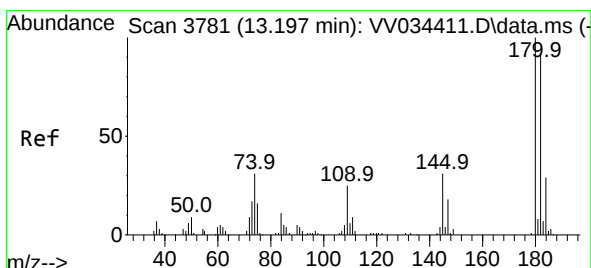
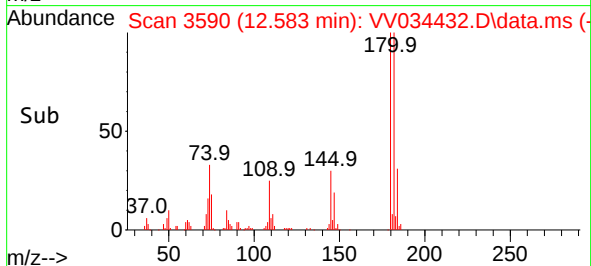
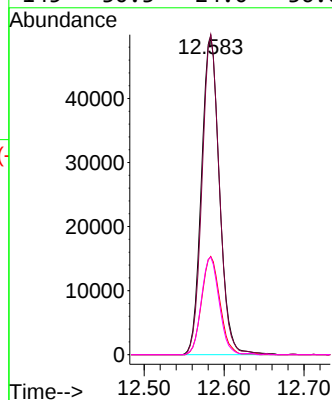
Ion Ratio Lower Upper

180 100

182 96.7 77.8 116.6

184 31.2 23.8 35.8

145 30.3 24.0 36.0



#70

1,2,4-trichlorobenzene

Concen: 5.193 ug/L

RT: 13.201 min Scan# 3782

Delta R.T. 0.003 min

Lab File: VV034432.D

Acq: 27 Feb 2024 01:07

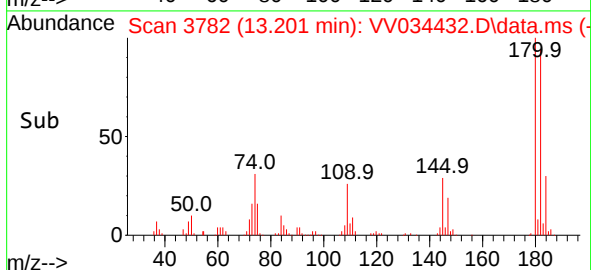
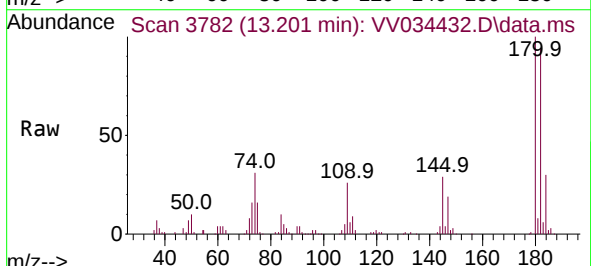
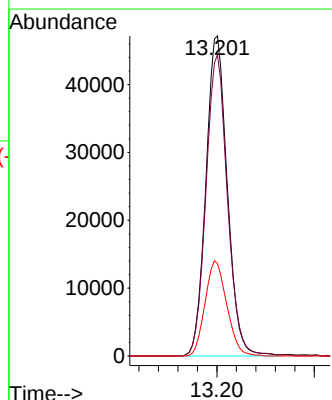
Tgt Ion:180 Resp: 71855

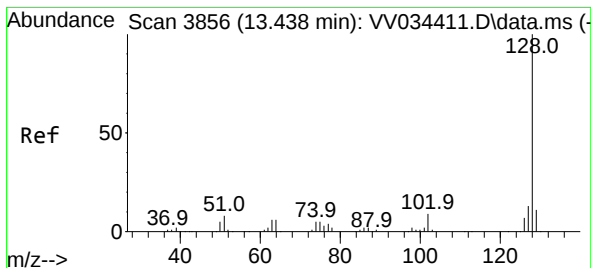
Ion Ratio Lower Upper

180 100

182 94.7 75.3 112.9

145 30.1 23.6 35.4





#71

Naphthalene

Concen: 5.281 ug/L

RT: 13.439 min Scan# 3856

Delta R.T. 0.000 min

Lab File: VV034432.D

Acq: 27 Feb 2024 01:07

Instrument :

MSVOA_V

ClientSampleId :

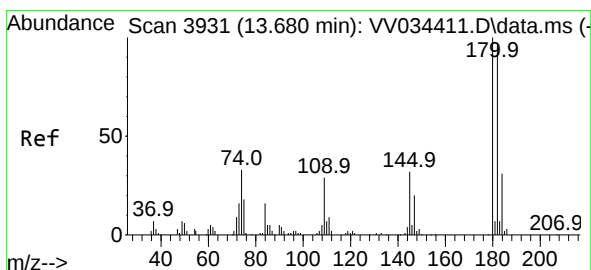
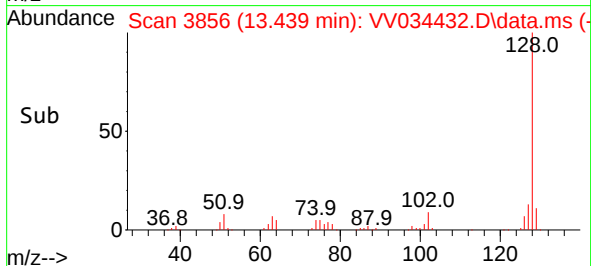
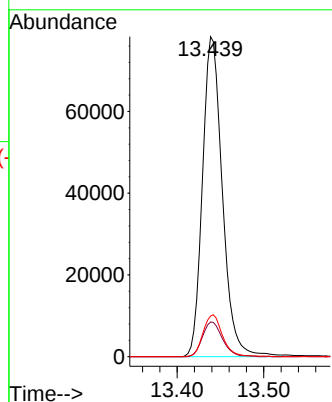
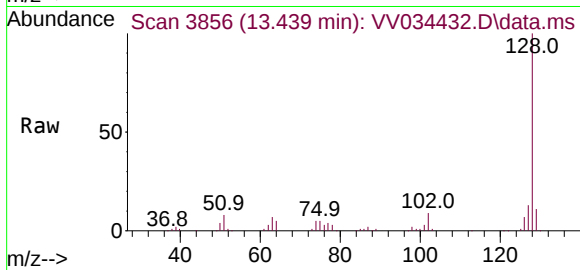
Tgt Ion:128 Resp: 124868

Ion Ratio Lower Upper

128 100

129 10.9 8.4 12.6

127 12.9 10.4 15.6



#72

1,2,3-Trichlorobenzene

Concen: 5.191 ug/L

RT: 13.680 min Scan# 3931

Delta R.T. 0.000 min

Lab File: VV034432.D

Acq: 27 Feb 2024 01:07

Tgt Ion:180 Resp: 64338

Ion Ratio Lower Upper

180 100

182 93.5 76.1 114.1

145 32.5 25.8 38.6

