

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022624\
 Data File : VW034411.D
 Acq On : 26 Feb 2024 15:55
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 27 05:01:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR022624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Feb 27 04:52:54 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	144542	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	137502	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	71723	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	40803	4.863	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	97.200%	
7) Chloroethane-d5	1.532	69	35909	4.846	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	97.000%	
11) 1,1-Dichloroethene-d2	2.056	65	18959	4.854	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	97.000%	
20) 2-Butanone-d5	3.818	46	111049	50.621	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	101.240%	
24) Chloroform-d	4.249	84	85705	5.087	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	101.800%	
26) 1,2-Dichloroethane-d4	4.944	65	45061	5.256	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	105.200%	
32) Benzene-d6	4.960	84	150147	4.854	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	97.000%	
36) 1,2-Dichloropropane-d6	5.989	67	45654	4.943	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	98.800%	
41) Toluene-d8	7.243	98	137327	4.951	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	99.000%	
43) trans-1,3-Dichloroprop...	7.558	79	20039	5.824	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	116.400%	
46) 2-Hexanone-d5	8.027	63	105689	54.323	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	108.640%	
56) 1,1,2,2-Tetrachloroeth...	10.152	84	37748	5.164	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	103.200%	
66) 1,2-Dichlorobenzene-d4	11.561	152	54684	5.018	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	100.400%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	48056	5.267	ug/L	99
3) Chloromethane	1.214	50	53688	4.958	ug/L	97
5) Vinyl chloride	1.281	62	54463	5.087	ug/L	99
6) Bromomethane	1.487	94	31498	5.183	ug/L	98
8) Chloroethane	1.548	64	35798	4.726	ug/L	99
9) Trichlorofluoromethane	1.712	101	90296	5.180	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	49961	5.315	ug/L	99
12) 1,1-Dichloroethene	2.066	96	46185	5.102	ug/L	95
13) Acetone	2.156	43	103055	46.187	ug/L	85
14) Carbon disulfide	2.236	76	127051	5.238	ug/L	100
15) Methyl Acetate	2.387	43	19496	5.094	ug/L	100
16) Methylene chloride	2.445	84	55216	5.340	ug/L	97
17) Methyl tert-butyl Ether	2.706	73	126284	5.366	ug/L	99
18) trans-1,2-Dichloroethene	2.693	96	47563	5.167	ug/L	98
19) 1,1-Dichloroethane	3.111	63	91747	5.179	ug/L	98
21) 2-Butanone	3.899	43	130345	53.213	ug/L	93
22) cis-1,2-Dichloroethene	3.812	96	52766	5.213	ug/L	97
23) Bromochloromethane	4.149	128	21903	5.191	ug/L	88
25) Chloroform	4.275	83	93062	5.057	ug/L	96

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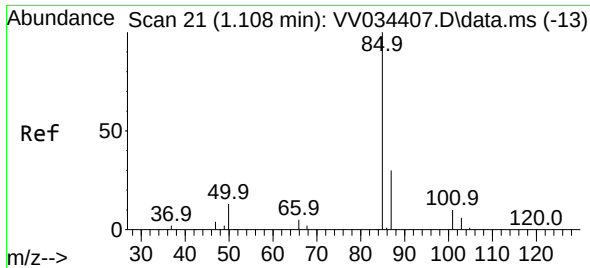
Quant Time: Feb 27 05:01:26 2024
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.043	62	60876	5.421	ug/L	100
29) 1,1,1-Trichloroethane	4.510	97	85255	4.957	ug/L	99
30) Cyclohexane	4.577	56	74997	5.069	ug/L	98
31) Carbon tetrachloride	4.735	117	73291	4.910	ug/L	99
33) Benzene	5.008	78	191252	5.026	ug/L	100
34) Trichloroethene	5.834	95	49551	4.986	ug/L	97
35) Methylcyclohexane	6.050	83	78391	5.025	ug/L	99
37) 1,2-Dichloropropane	6.091	63	47310	5.029	ug/L	98
38) Bromodichloromethane	6.436	83	63028	4.917	ug/L	100
39) cis-1,3-Dichloropropene	6.956	75	68781	5.276	ug/L	95
40) 4-Methyl-2-pentanone	7.159	43	314488	54.041	ug/L	100
42) Toluene	7.313	91	203115	5.080	ug/L	99
44) trans-1,3-Dichloropropene	7.583	75	59598	5.629	ug/L	100
45) 1,1,2-Trichloroethane	7.770	97	33733	5.272	ug/L	98
47) Tetrachloroethene	7.905	164	40808	5.234	ug/L	96
48) 2-Hexanone	8.079	43	224182	54.087	ug/L	100
49) Dibromochloromethane	8.175	129	38213	5.130	ug/L	97
50) 1,2-Dibromoethane	8.284	107	31705	5.297	ug/L	97
51) Chlorobenzene	8.815	112	132149	5.088	ug/L	97
52) Ethylbenzene	8.947	91	229105	5.088	ug/L	99
53) m,p-Xylene	9.072	106	85178	5.090	ug/L	100
54) o-Xylene	9.477	106	85776	5.134	ug/L	98
55) Styrene	9.496	104	142688	5.311	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.178	83	40512	5.293	ug/L	96
59) Bromoform	9.667	173	18509	5.054	ug/L	99
60) Isopropylbenzene	9.866	105	222130	5.174	ug/L	99
61) 1,2,3-Trichloropropane	10.210	75	30613	5.532	ug/L	96
62) 1,3,5-Trimethylbenzene	10.477	105	193355	5.160	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	194612	5.186	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	109278	5.241	ug/L	99
65) 1,4-Dichlorobenzene	11.210	146	106581	5.150	ug/L	100
67) 1,2-Dichlorobenzene	11.580	146	100813	5.157	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.368	75	7396	5.290	ug/L	87
69) 1,3,5-Trichlorobenzene	12.583	180	81976	5.124	ug/L	100
70) 1,2,4-trichlorobenzene	13.197	180	76339	5.466	ug/L	99
71) Naphthalene	13.438	128	133979	5.614	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	66646	5.328	ug/L	100

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

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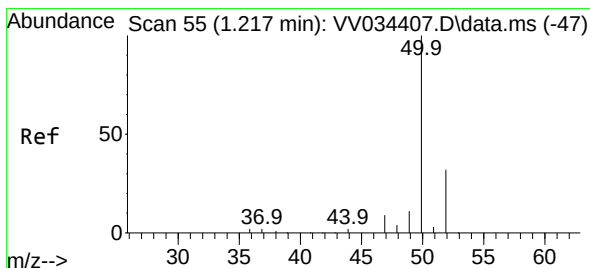
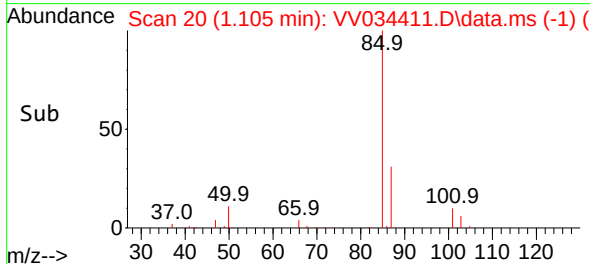
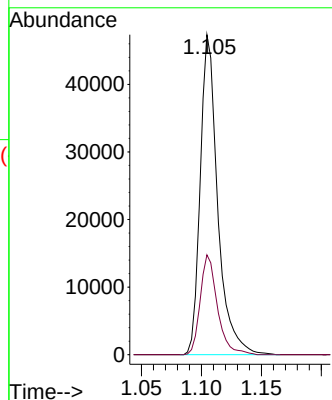
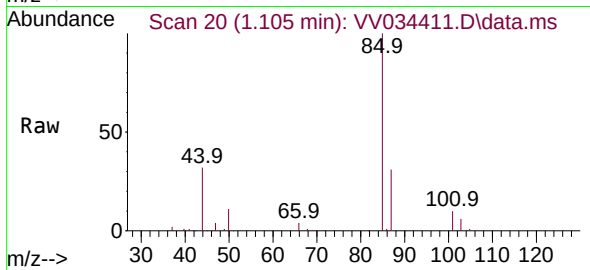




#2
 Dichlorodifluoromethane
 Concen: 5.267 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. -0.003 min
 Lab File: VV034411.D
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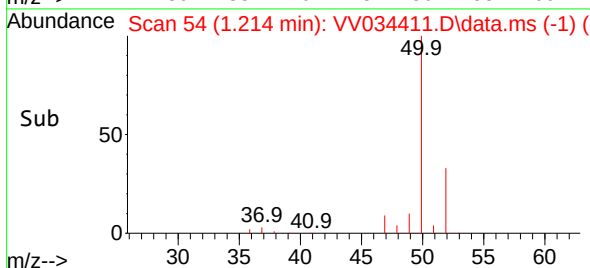
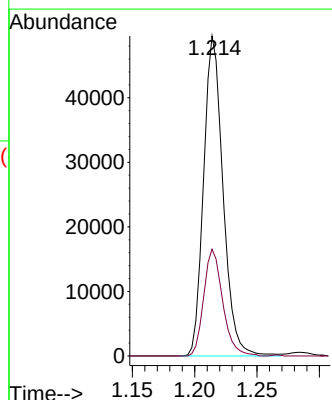
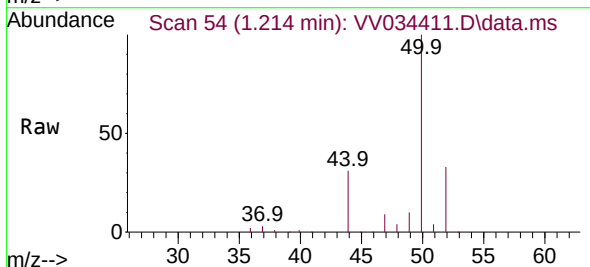
Instrument :
 MSVOA_V
 ClientSampleId :

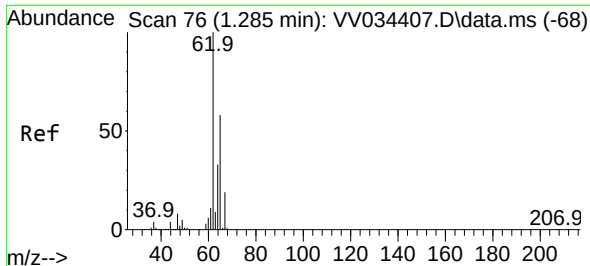
Tgt Ion: 85 Resp: 48056
 Ion Ratio Lower Upper
 85 100
 87 30.7 24.9 37.3



#3
 Chloromethane
 Concen: 4.958 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. -0.003 min
 Lab File: VV034411.D
 Acq: 26 Feb 2024 15:55

Tgt Ion: 50 Resp: 53688
 Ion Ratio Lower Upper
 50 100
 52 33.4 22.3 41.3

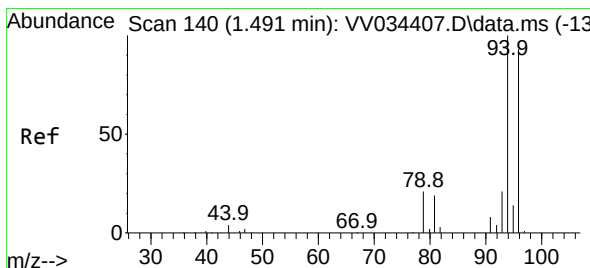
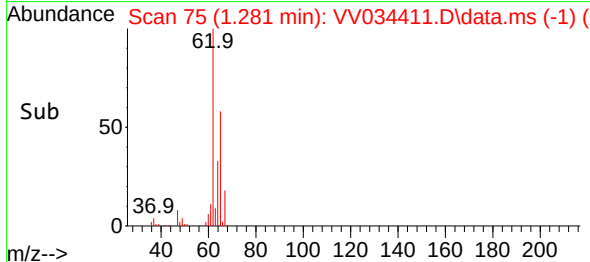
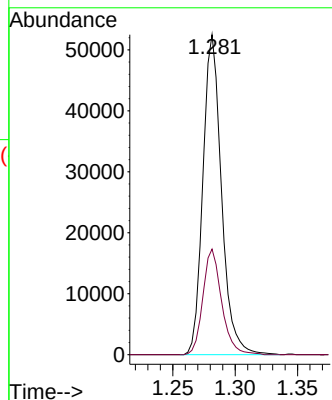
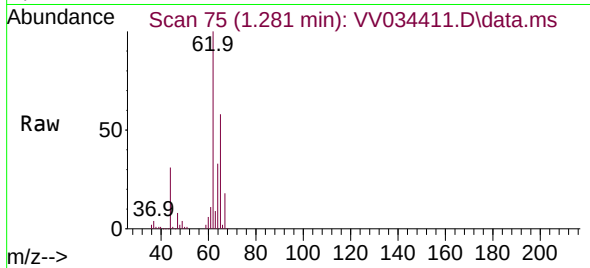




#5
 Vinyl chloride
 Concen: 5.087 ug/L
 RT: 1.281 min Scan# 71
 Delta R.T. -0.003 min
 Lab File: VV034411.D
 Acq: 26 Feb 2024 15:55

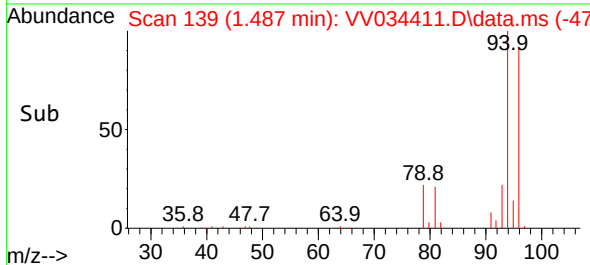
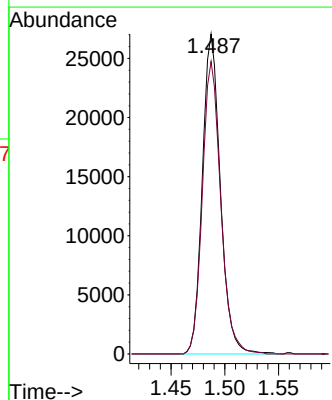
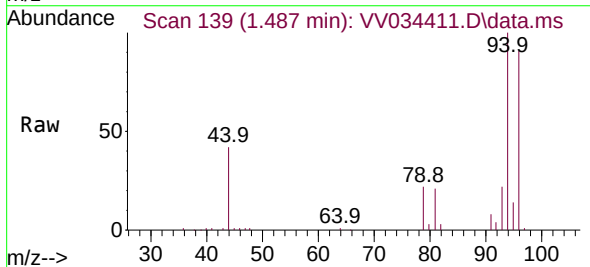
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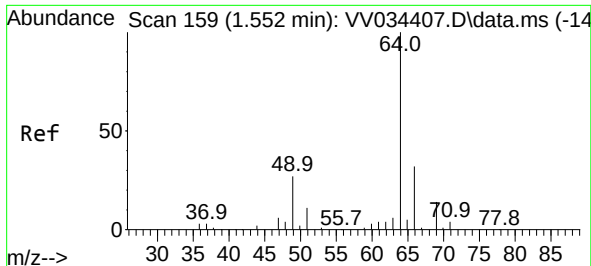
Tgt Ion: 62 Resp: 54463
 Ion Ratio Lower Upper
 62 100
 64 33.0 23.4 43.4



#6
 Bromomethane
 Concen: 5.183 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. -0.003 min
 Lab File: VV034411.D
 Acq: 26 Feb 2024 15:55

Tgt Ion: 94 Resp: 31498
 Ion Ratio Lower Upper
 94 100
 96 91.4 65.5 121.7

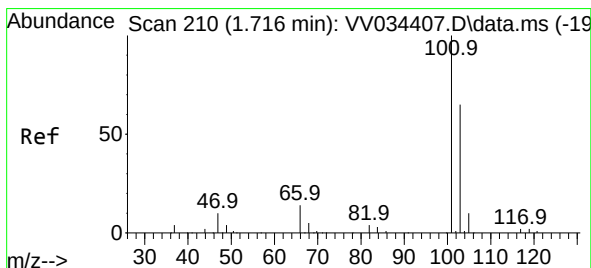
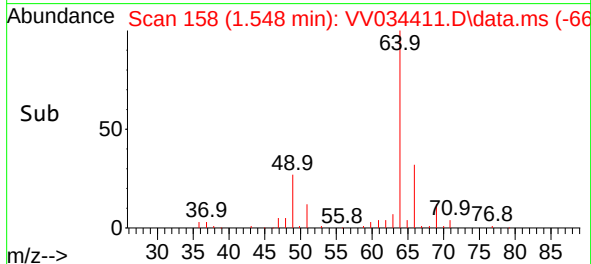
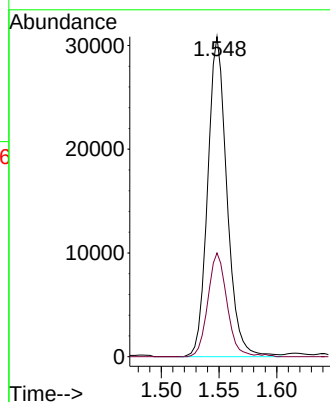
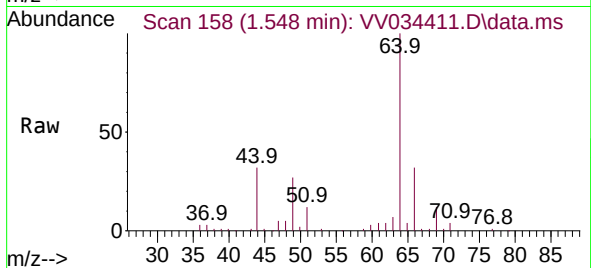




#8
Chloroethane
Concen: 4.726 ug/L
RT: 1.548 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV034411.D
Acq: 26 Feb 2024 15:55

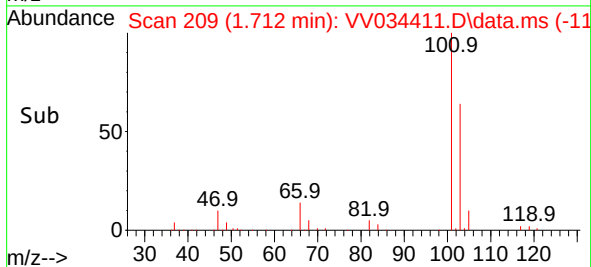
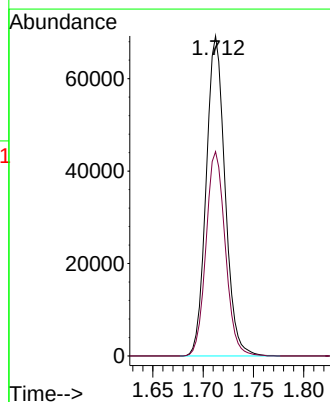
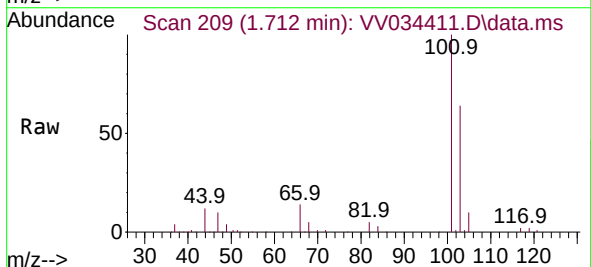
Instrument :
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ClientSampleId :

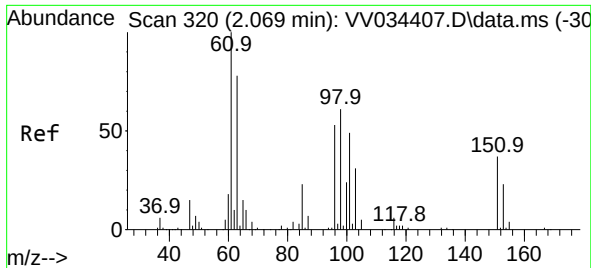
Tgt Ion: 64 Resp: 35798
Ion Ratio Lower Upper
64 100
66 32.4 22.1 41.1



#9
Trichlorofluoromethane
Concen: 5.180 ug/L
RT: 1.712 min Scan# 209
Delta R.T. -0.003 min
Lab File: VV034411.D
Acq: 26 Feb 2024 15:55

Tgt Ion:101 Resp: 90296
Ion Ratio Lower Upper
101 100
103 65.1 52.0 78.0

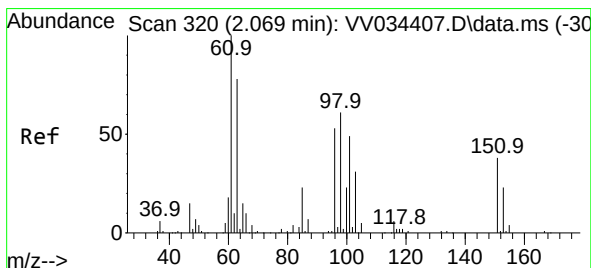
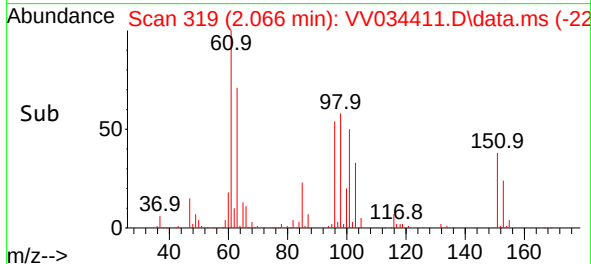
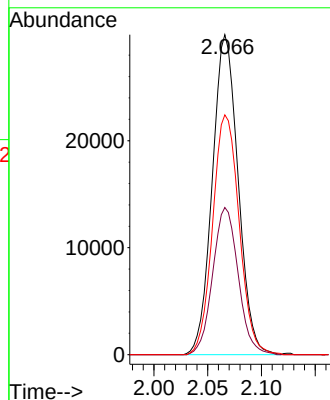
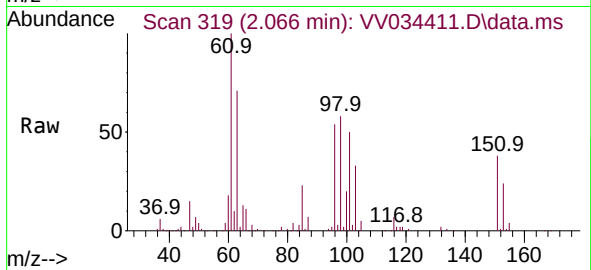




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.315 ug/L
 RT: 2.066 min Scan# 319
 Delta R.T. -0.003 min
 Lab File: VV034411.D
 Acq: 26 Feb 2024 15:55

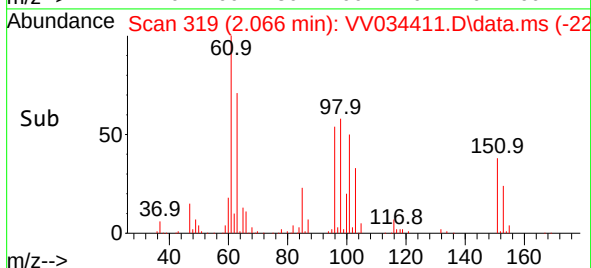
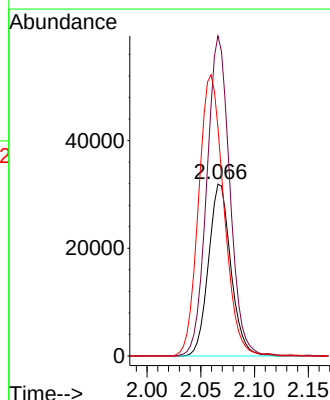
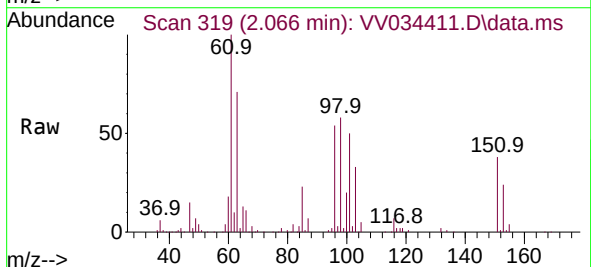
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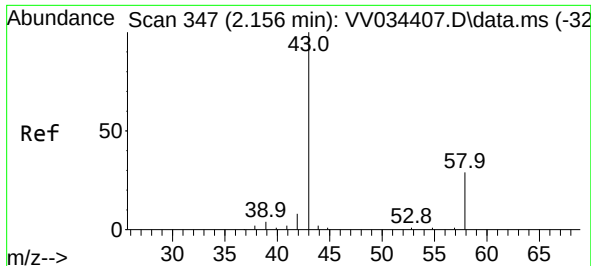
Tgt Ion:101 Resp: 49961
 Ion Ratio Lower Upper
 101 100
 85 45.3 37.9 56.9
 151 76.9 61.8 92.6



#12
 1,1-Dichloroethene
 Concen: 5.102 ug/L
 RT: 2.066 min Scan# 319
 Delta R.T. -0.003 min
 Lab File: VV034411.D
 Acq: 26 Feb 2024 15:55

Tgt Ion: 96 Resp: 46185
 Ion Ratio Lower Upper
 96 100
 61 186.1 131.3 243.8
 63 132.8 102.8 191.0





#13

Acetone

Concen: 46.187 ug/L

RT: 2.156 min Scan# 34

Delta R.T. -0.000 min

Lab File: VV034411.D

Acq: 26 Feb 2024 15:55

Instrument :

MSVOA_V

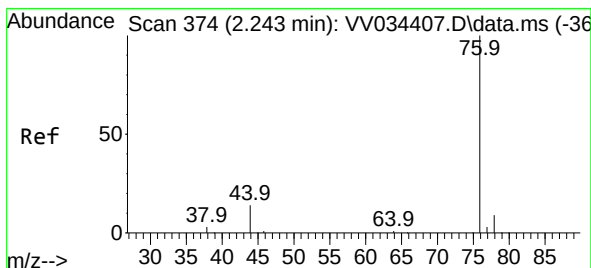
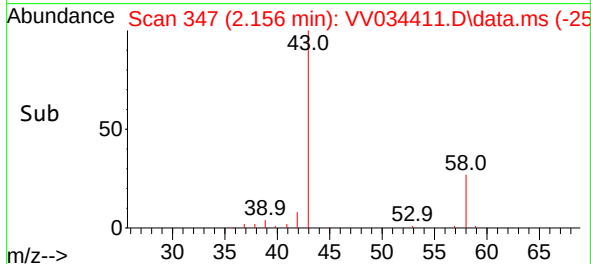
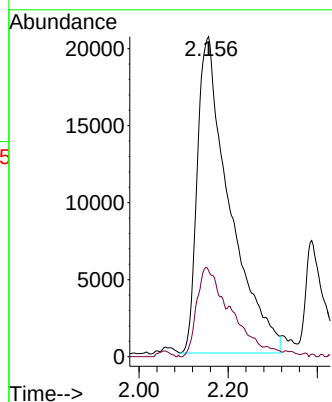
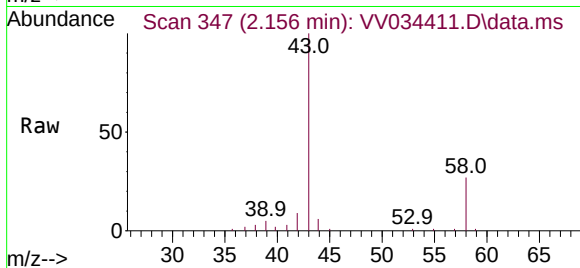
ClientSampleId :

Tgt Ion: 43 Resp: 103055

Ion Ratio Lower Upper

43 100

58 20.3 0.0 56.2



#14

Carbon disulfide

Concen: 5.238 ug/L

RT: 2.236 min Scan# 372

Delta R.T. -0.007 min

Lab File: VV034411.D

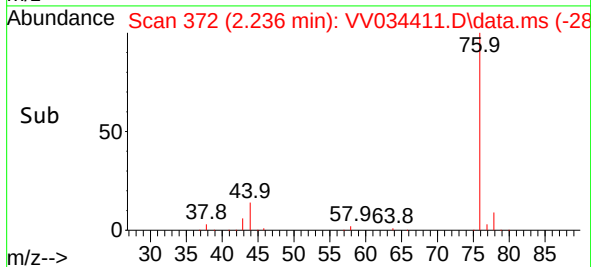
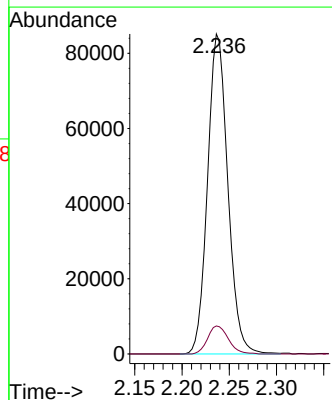
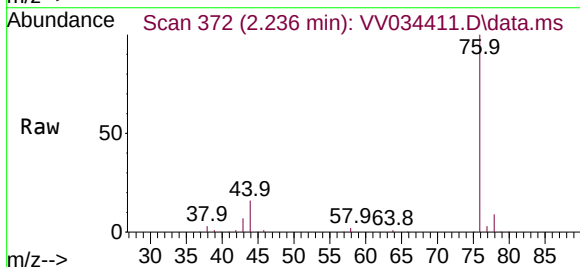
Acq: 26 Feb 2024 15:55

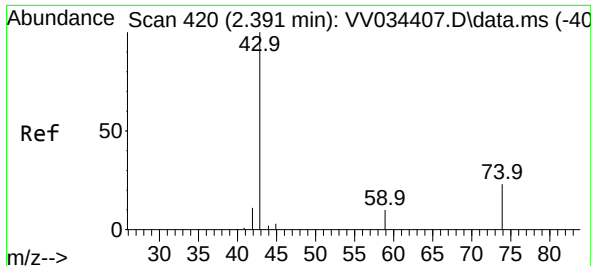
Tgt Ion: 76 Resp: 127051

Ion Ratio Lower Upper

76 100

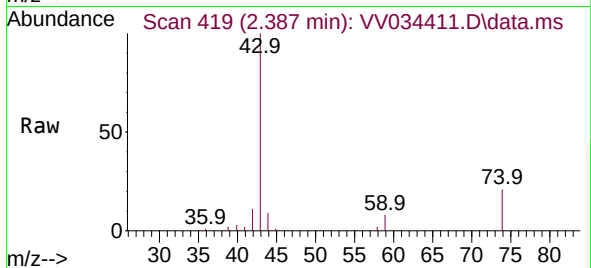
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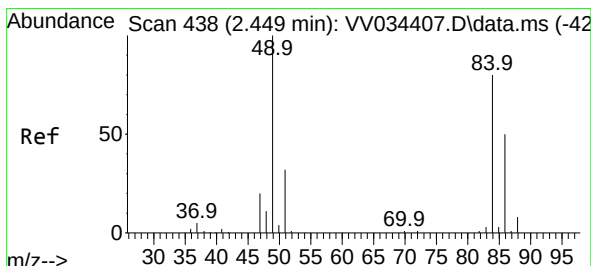
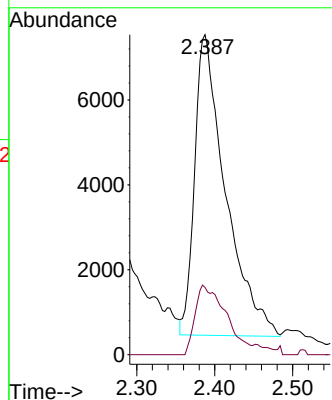
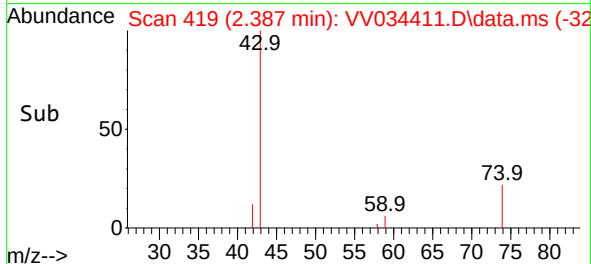


#15
Methyl Acetate
Concen: 5.094 ug/L
RT: 2.387 min Scan# 419
Delta R.T. -0.003 min
Lab File: VV034411.D
Acq: 26 Feb 2024 15:55

Instrument :
MSVOA_V
ClientSampleId :

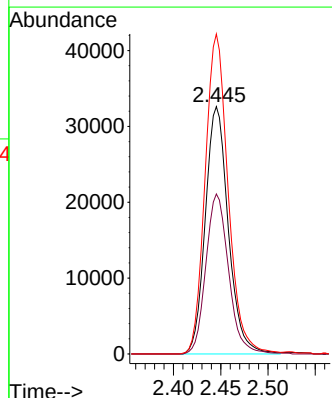
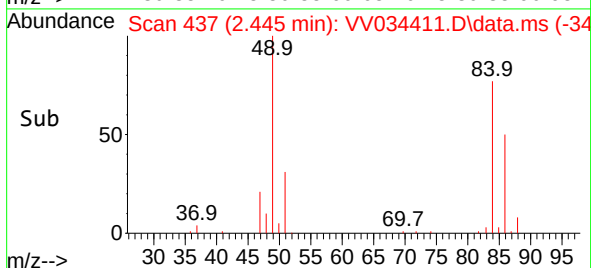
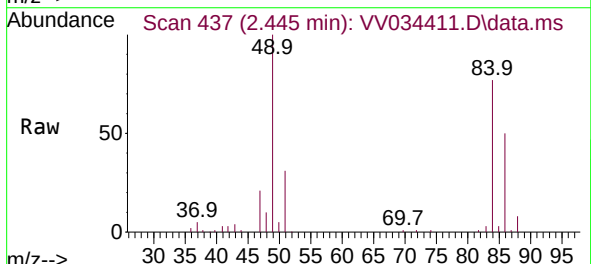


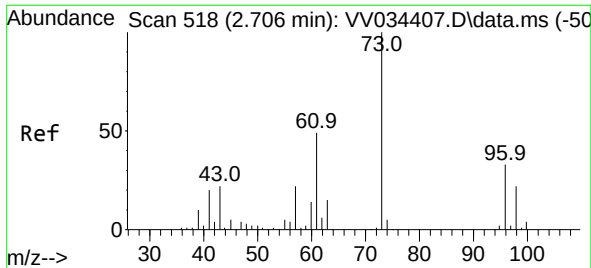
Tgt Ion: 43 Resp: 19496
Ion Ratio Lower Upper
43 100
74 23.2 18.6 28.0



#16
Methylene chloride
Concen: 5.340 ug/L
RT: 2.445 min Scan# 437
Delta R.T. -0.003 min
Lab File: VV034411.D
Acq: 26 Feb 2024 15:55

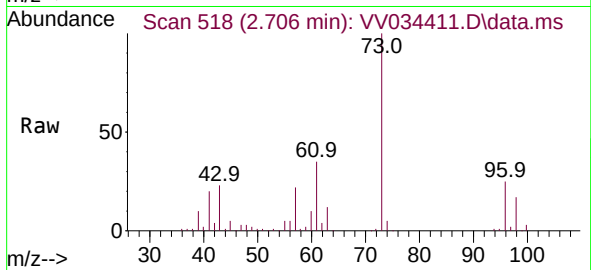
Tgt Ion: 84 Resp: 55216
Ion Ratio Lower Upper
84 100
86 64.7 43.8 81.4
49 129.3 87.6 162.8



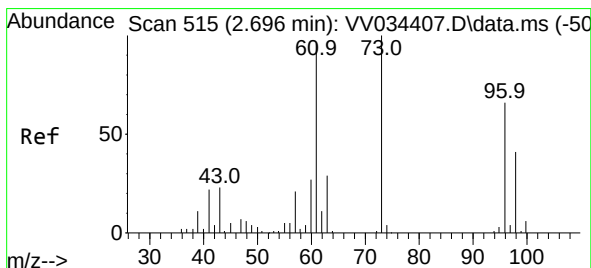
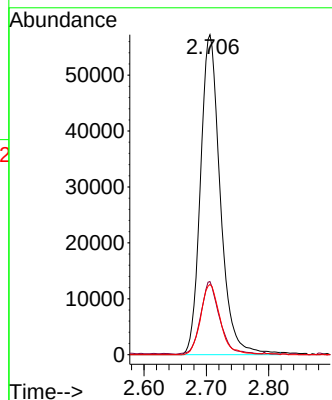
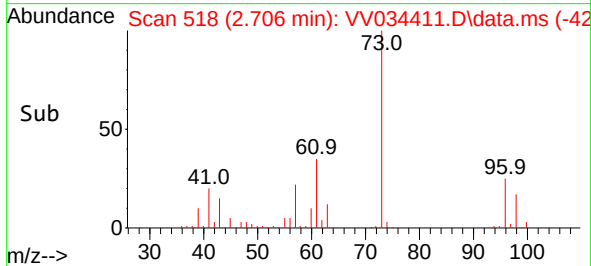


#17
Methyl tert-butyl Ether
Concen: 5.366 ug/L
RT: 2.706 min Scan# 518
Delta R.T. -0.000 min
Lab File: VV034411.D
Acq: 26 Feb 2024 15:55

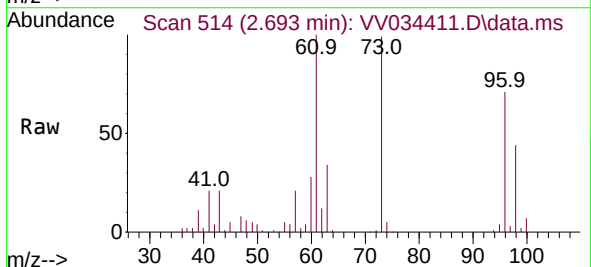
Instrument :
MSVOA_V
ClientSampleId :



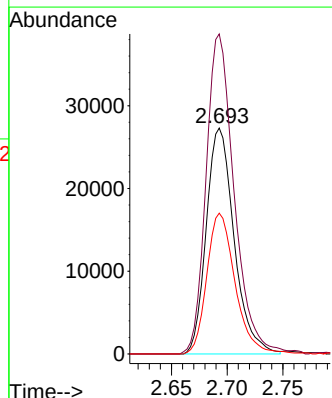
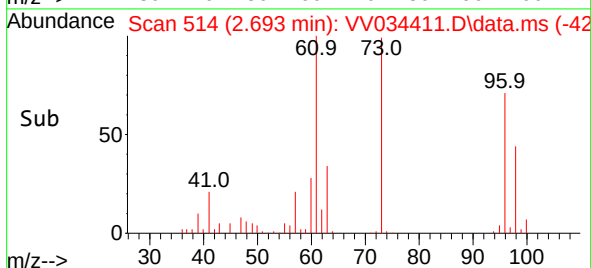
Tgt Ion: 73 Resp: 126284
Ion Ratio Lower Upper
73 100
43 21.6 18.0 27.0
57 21.6 17.0 25.6

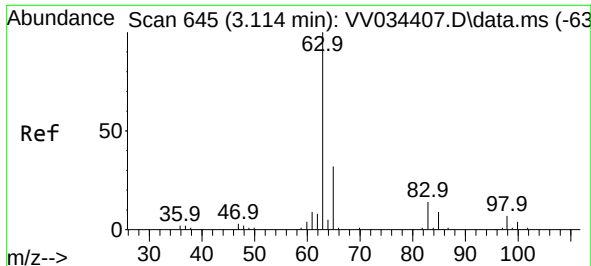


#18
trans-1,2-Dichloroethene
Concen: 5.167 ug/L
RT: 2.693 min Scan# 514
Delta R.T. -0.003 min
Lab File: VV034411.D
Acq: 26 Feb 2024 15:55



Tgt Ion: 96 Resp: 47563
Ion Ratio Lower Upper
96 100
61 141.6 101.3 188.1
98 62.3 43.5 80.7

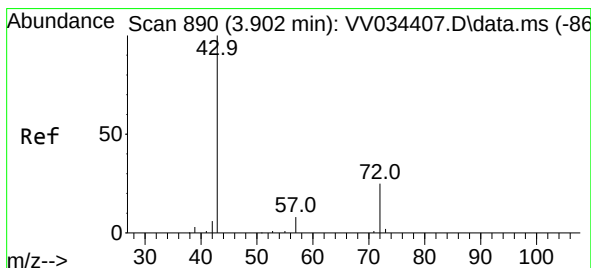
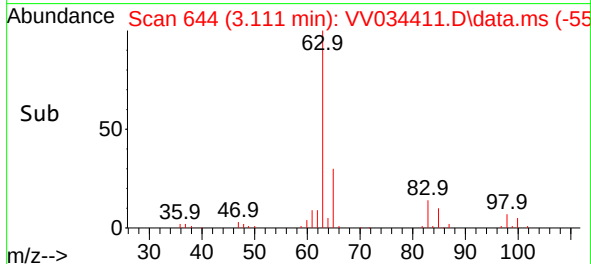
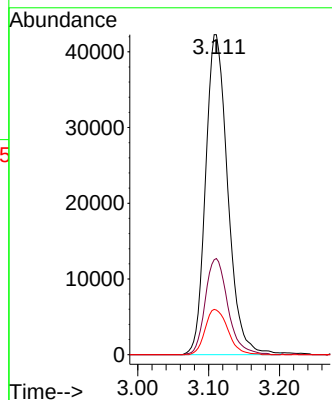
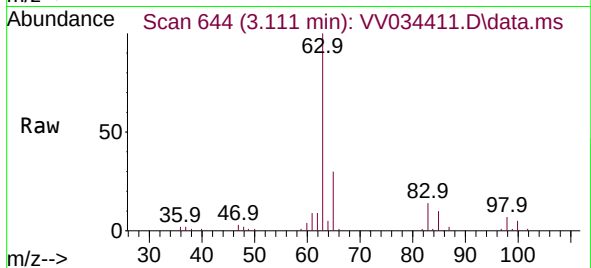




#19
1,1-Dichloroethane
Concen: 5.179 ug/L
RT: 3.111 min Scan# 64
Delta R.T. -0.003 min
Lab File: VV034411.D
Acq: 26 Feb 2024 15:55

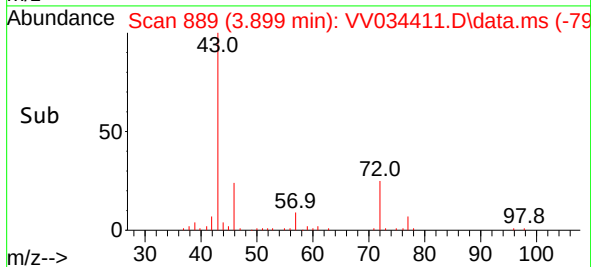
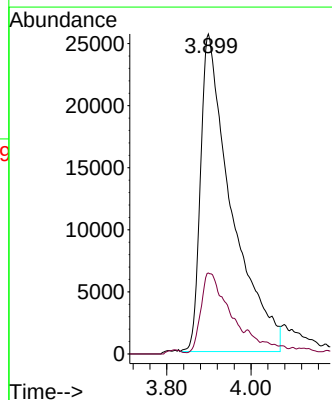
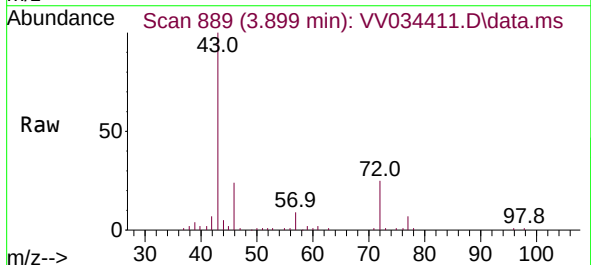
Instrument :
MSVOA_V
ClientSampleId :

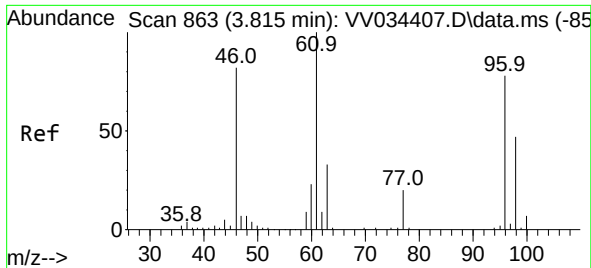
Tgt Ion: 63 Resp: 91747
Ion Ratio Lower Upper
63 100
65 30.0 22.0 41.0
83 13.9 10.1 18.9



#21
2-Butanone
Concen: 53.213 ug/L
RT: 3.899 min Scan# 889
Delta R.T. -0.003 min
Lab File: VV034411.D
Acq: 26 Feb 2024 15:55

Tgt Ion: 43 Resp: 130345
Ion Ratio Lower Upper
43 100
72 21.4 12.4 37.0

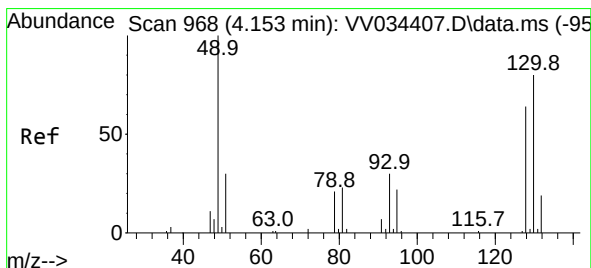
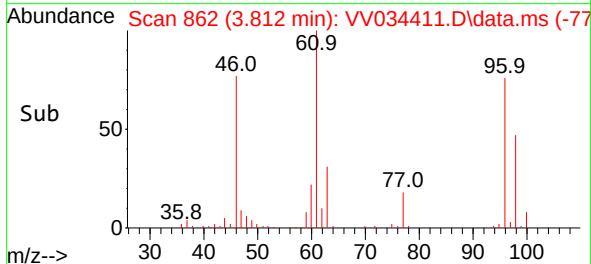
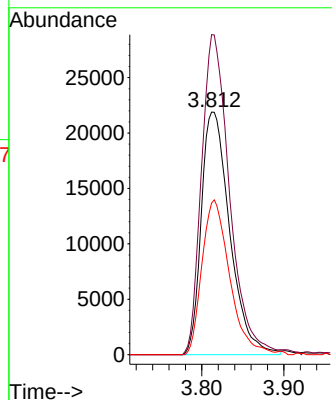
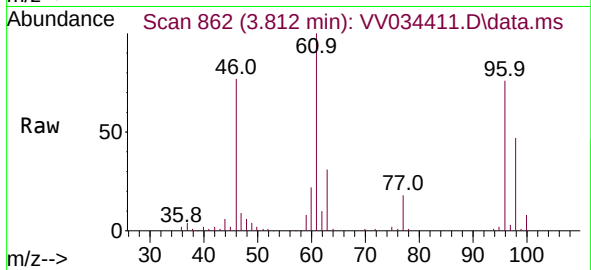




#22
cis-1,2-Dichloroethene
Concen: 5.213 ug/L
RT: 3.812 min Scan# 862
Delta R.T. -0.003 min
Lab File: VV034411.D
Acq: 26 Feb 2024 15:55

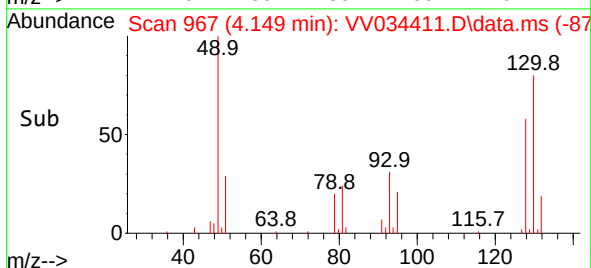
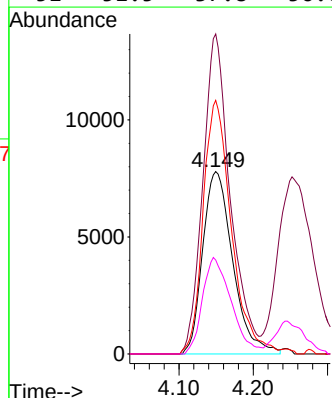
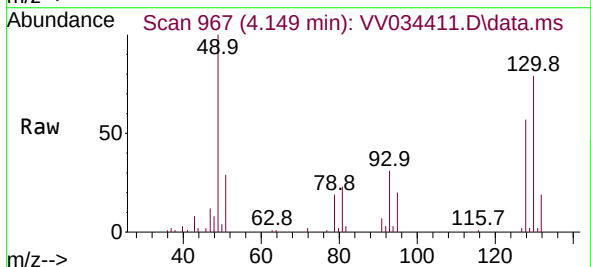
Instrument :
MSVOA_V
ClientSampleId :

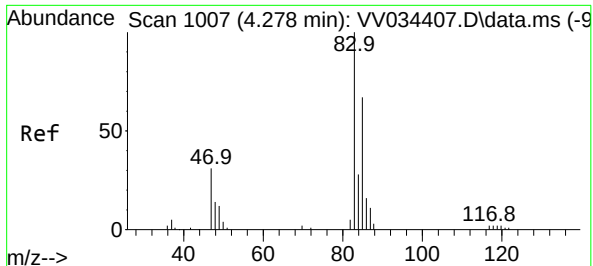
Tgt Ion: 96 Resp: 52766
Ion Ratio Lower Upper
96 100
61 132.0 89.7 166.5
98 62.5 42.0 78.0



#23
Bromochloromethane
Concen: 5.191 ug/L
RT: 4.149 min Scan# 967
Delta R.T. -0.003 min
Lab File: VV034411.D
Acq: 26 Feb 2024 15:55

Tgt Ion: 128 Resp: 21903
Ion Ratio Lower Upper
128 100
49 175.5 109.9 204.1
130 139.1 87.7 162.9
51 51.5 37.8 56.6





#25

Chloroform

Concen: 5.057 ug/L

RT: 4.275 min Scan# 1006

Delta R.T. -0.003 min

Lab File: VV034411.D

Acq: 26 Feb 2024 15:55

Instrument :

MSVOA_V

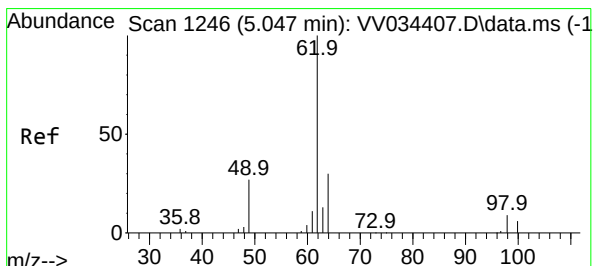
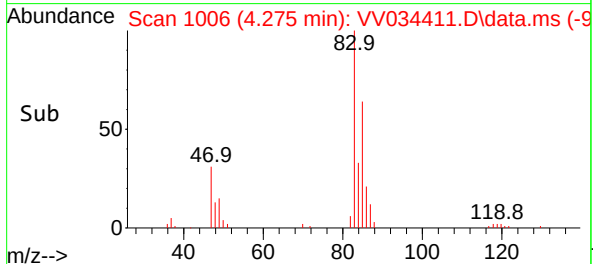
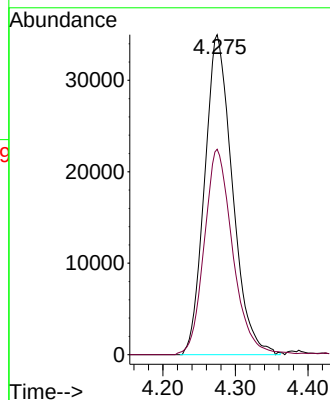
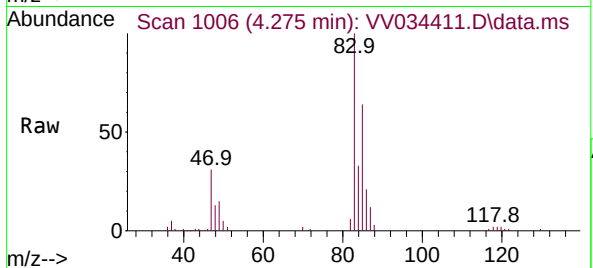
ClientSampleId :

Tgt Ion: 83 Resp: 93062

Ion Ratio Lower Upper

83 100

85 64.2 47.0 87.4



#27

1,2-Dichloroethane

Concen: 5.421 ug/L

RT: 5.043 min Scan# 1245

Delta R.T. -0.003 min

Lab File: VV034411.D

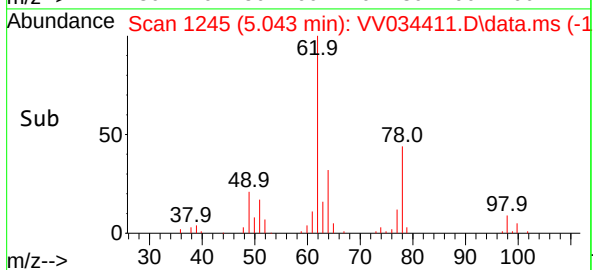
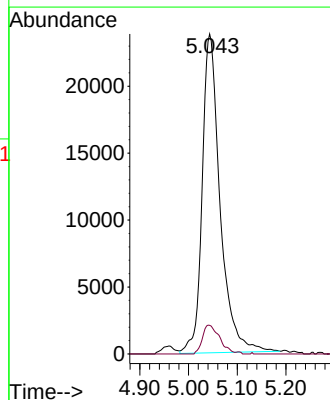
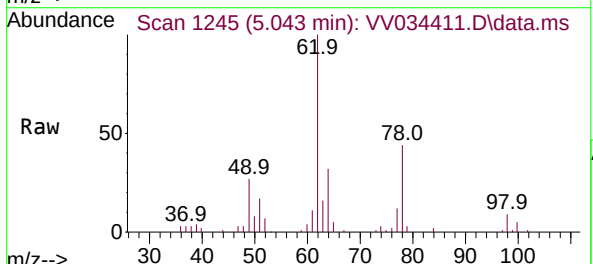
Acq: 26 Feb 2024 15:55

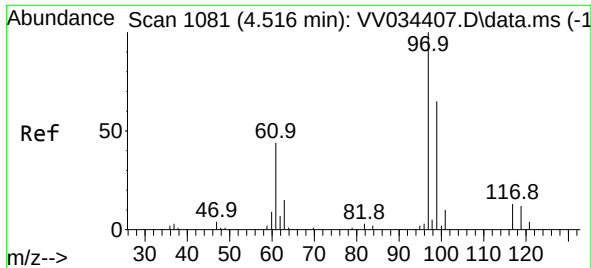
Tgt Ion: 62 Resp: 60876

Ion Ratio Lower Upper

62 100

98 9.0 7.0 10.6





#29

1,1,1-Trichloroethane

Concen: 4.957 ug/L

RT: 4.510 min Scan# 1100

Delta R.T. -0.007 min

Lab File: VV034411.D

Acq: 26 Feb 2024 15:55

Instrument :

MSVOA_V

ClientSampleId :

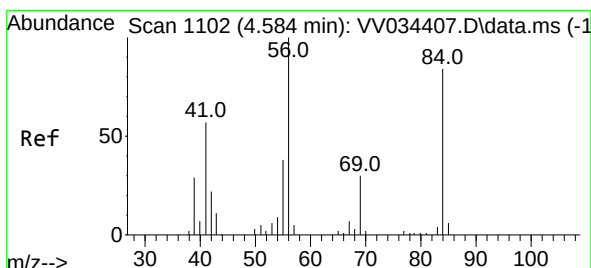
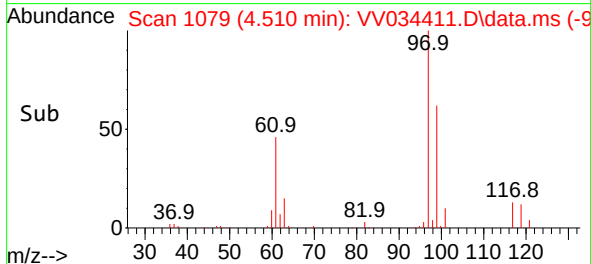
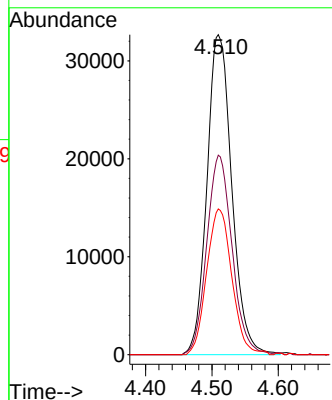
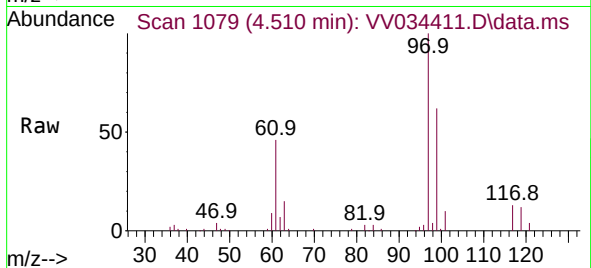
Tgt Ion: 97 Resp: 85255

Ion Ratio Lower Upper

97 100

99 63.3 51.2 76.8

61 46.1 36.1 54.1



#30

Cyclohexane

Concen: 5.069 ug/L

RT: 4.577 min Scan# 1100

Delta R.T. -0.007 min

Lab File: VV034411.D

Acq: 26 Feb 2024 15:55

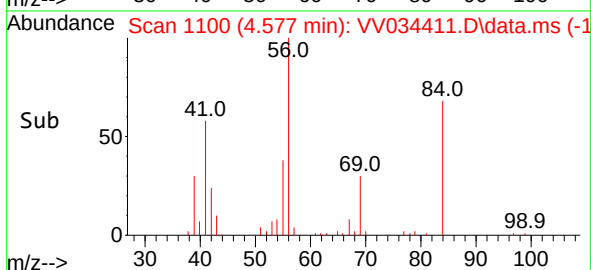
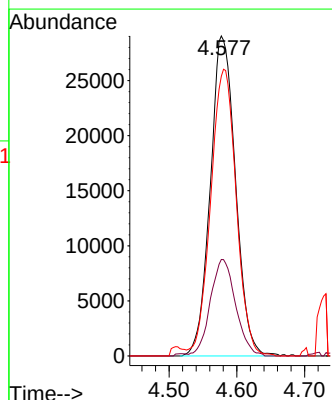
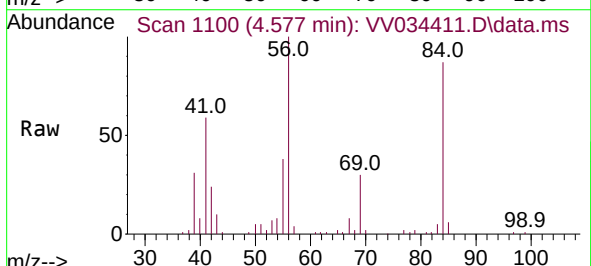
Tgt Ion: 56 Resp: 74997

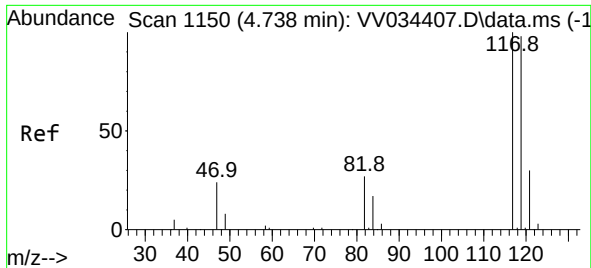
Ion Ratio Lower Upper

56 100

69 30.2 24.5 36.7

84 90.8 70.3 105.5

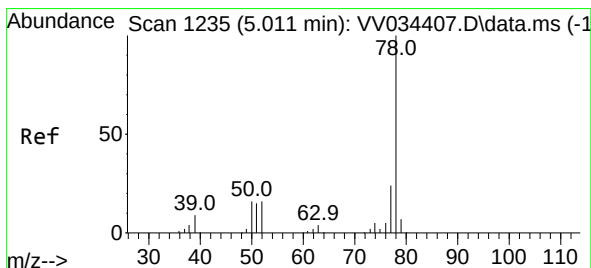
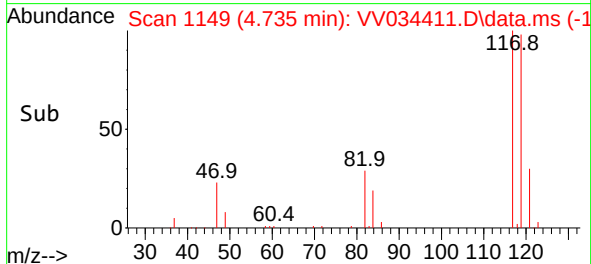
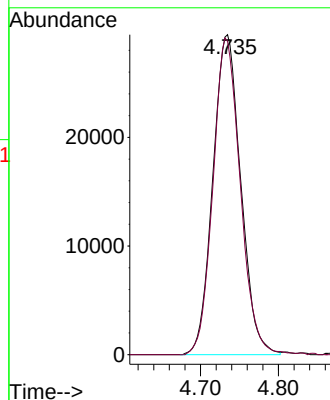
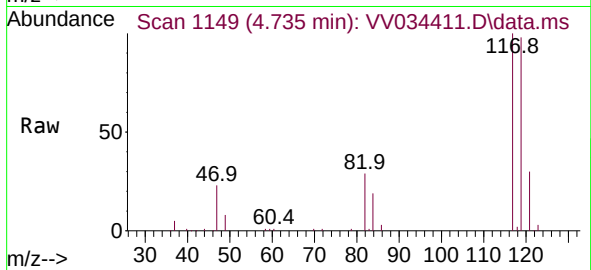




#31
Carbon tetrachloride
Concen: 4.910 ug/L
RT: 4.735 min Scan# 1150
Delta R.T. -0.003 min
Lab File: VV034411.D
Acq: 26 Feb 2024 15:55

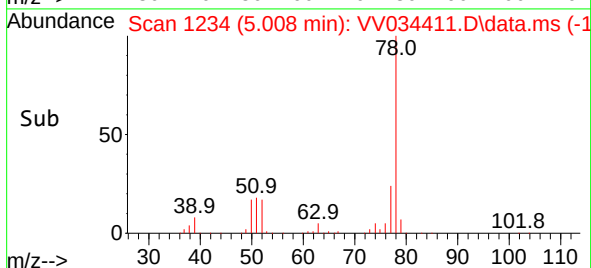
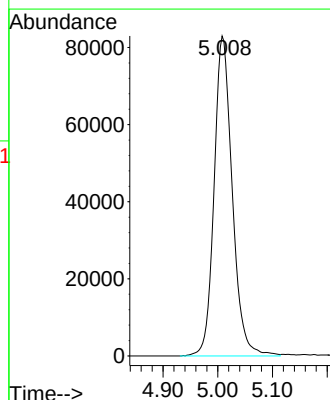
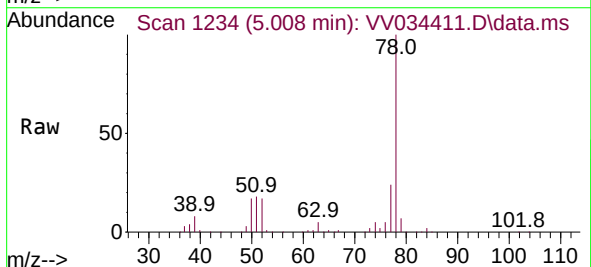
Instrument :
MSVOA_V
ClientSampleId :

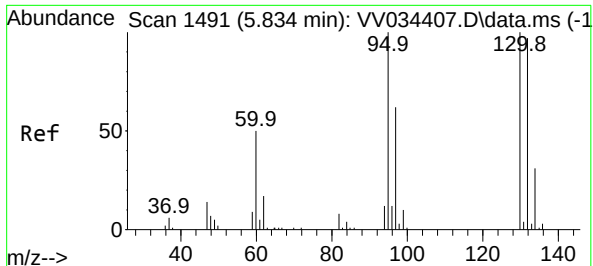
Tgt Ion:117 Resp: 73291
Ion Ratio Lower Upper
117 100
119 96.8 77.0 115.6



#33
Benzene
Concen: 5.026 ug/L
RT: 5.008 min Scan# 1234
Delta R.T. -0.003 min
Lab File: VV034411.D
Acq: 26 Feb 2024 15:55

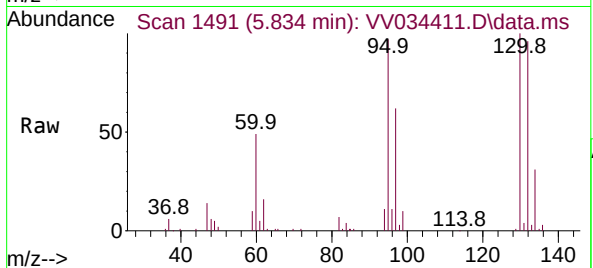
Tgt Ion: 78 Resp: 191252



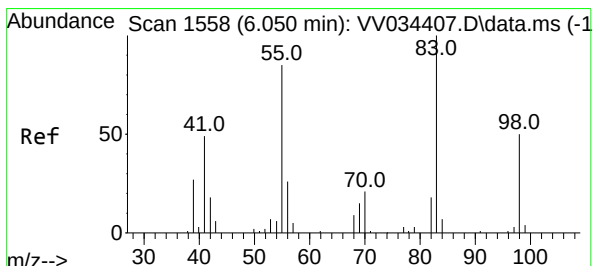
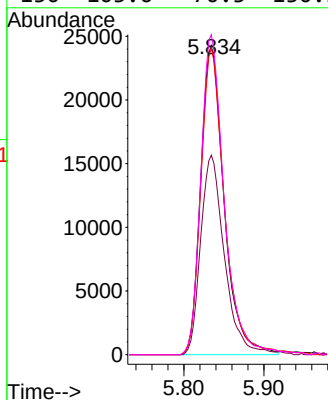
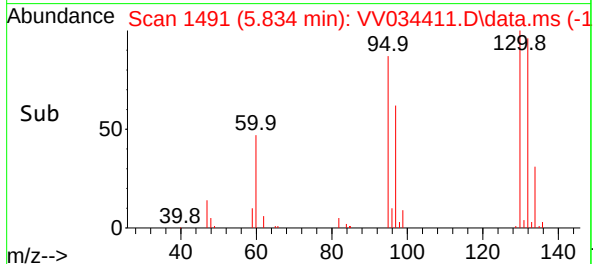


#34
Trichloroethene
Concen: 4.986 ug/L
RT: 5.834 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VV034411.D
Acq: 26 Feb 2024 15:55

Instrument :
MSVOA_V
ClientSampleId :

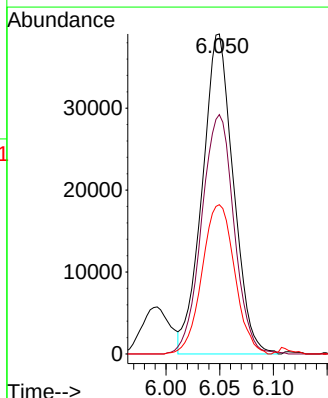
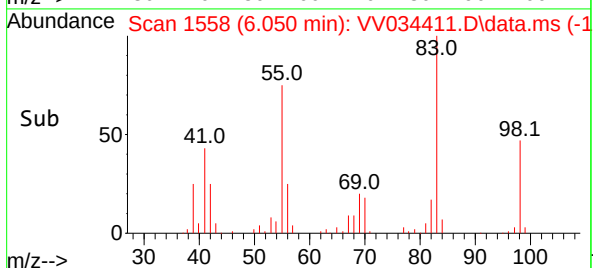
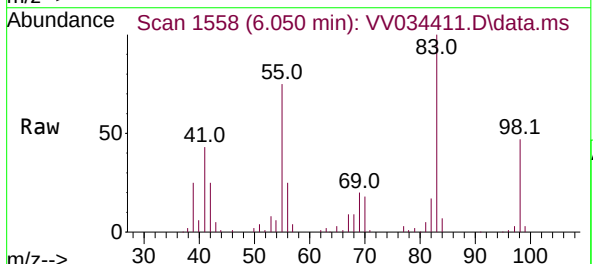


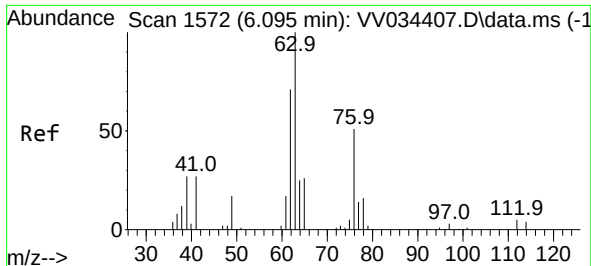
Tgt Ion: 95 Resp: 49551
Ion Ratio Lower Upper
95 100
97 64.6 43.3 80.5
132 99.3 67.8 126.0
130 103.6 70.3 130.5



#35
Methylcyclohexane
Concen: 5.025 ug/L
RT: 6.050 min Scan# 1558
Delta R.T. -0.000 min
Lab File: VV034411.D
Acq: 26 Feb 2024 15:55

Tgt Ion: 83 Resp: 78391
Ion Ratio Lower Upper
83 100
55 78.0 61.9 92.9
98 49.0 38.1 57.1





#37

1,2-Dichloropropane

Concen: 5.029 ug/L

RT: 6.091 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV034411.D

Acq: 26 Feb 2024 15:55

Instrument :

MSVOA_V

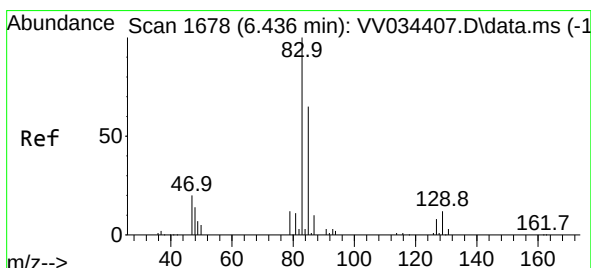
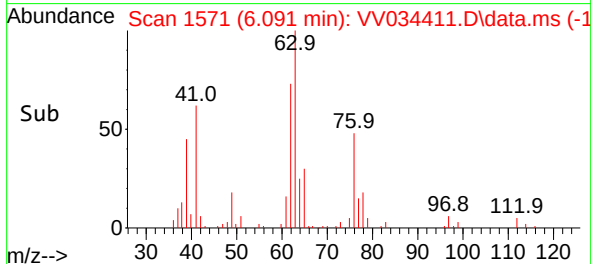
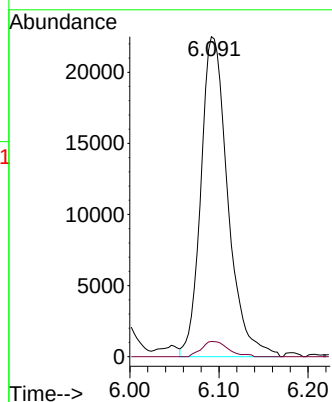
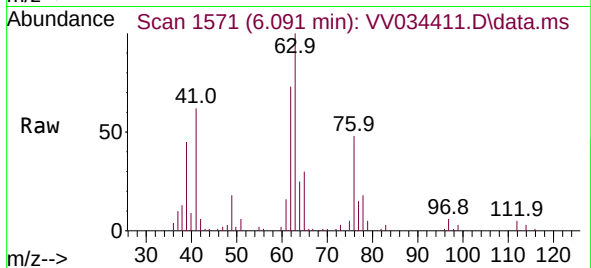
ClientSampleId :

Tgt Ion: 63 Resp: 47310

Ion Ratio Lower Upper

63 100

112 4.7 3.4 5.0



#38

Bromodichloromethane

Concen: 4.917 ug/L

RT: 6.436 min Scan# 1678

Delta R.T. -0.000 min

Lab File: VV034411.D

Acq: 26 Feb 2024 15:55

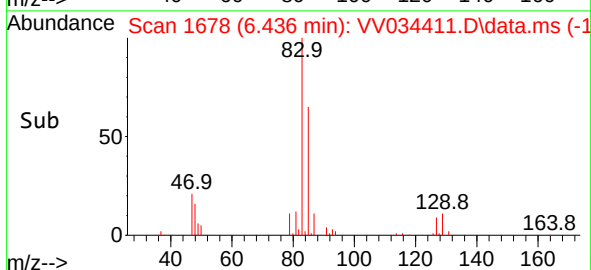
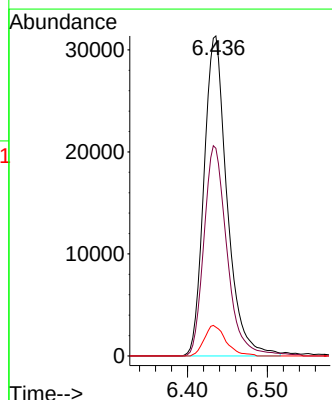
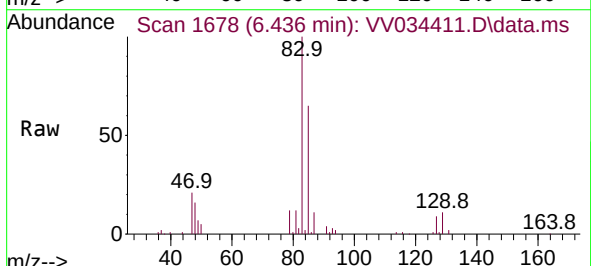
Tgt Ion: 83 Resp: 63028

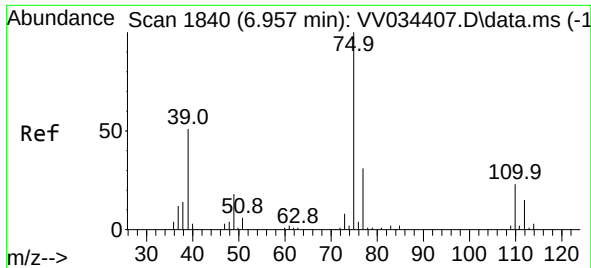
Ion Ratio Lower Upper

83 100

85 64.9 45.4 84.2

127 9.0 6.8 10.2





#39

cis-1,3-Dichloropropene

Concen: 5.276 ug/L

RT: 6.956 min Scan# 11

Delta R.T. -0.000 min

Lab File: VV034411.D

Acq: 26 Feb 2024 15:55

Instrument :

MSVOA_V

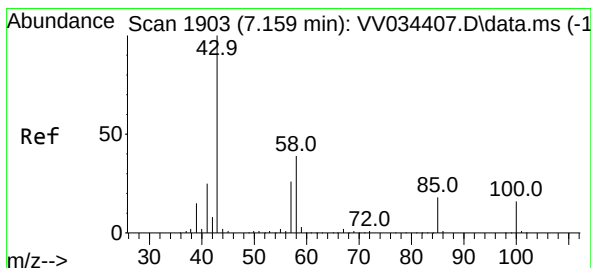
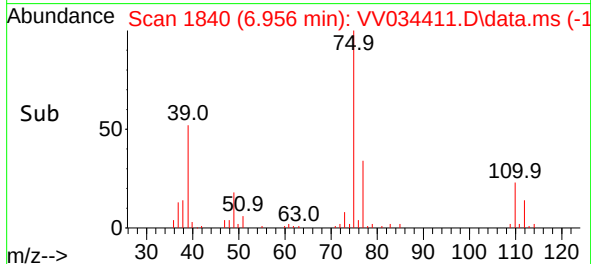
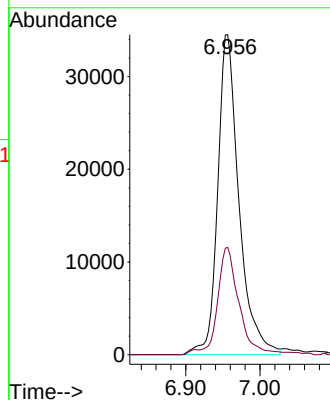
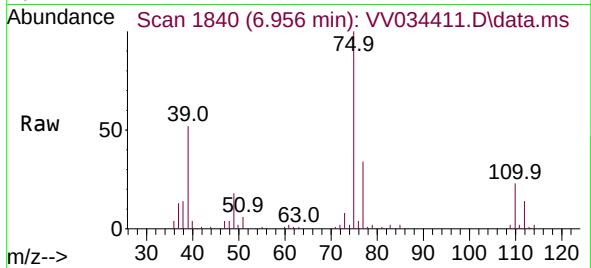
ClientSampleId :

Tgt Ion: 75 Resp: 68781

Ion Ratio Lower Upper

75 100

77 33.6 21.5 39.9



#40

4-Methyl-2-pentanone

Concen: 54.041 ug/L

RT: 7.159 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VV034411.D

Acq: 26 Feb 2024 15:55

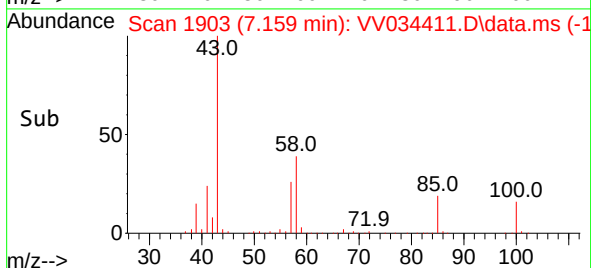
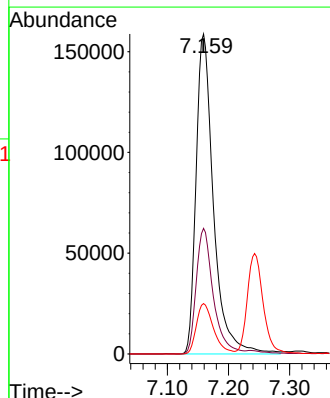
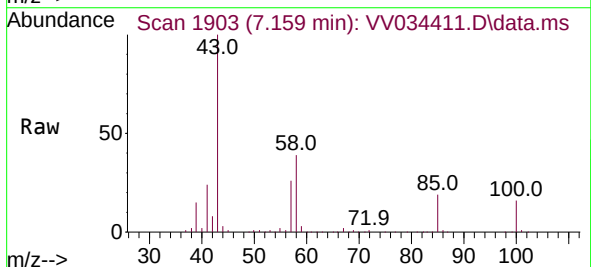
Tgt Ion: 43 Resp: 314488

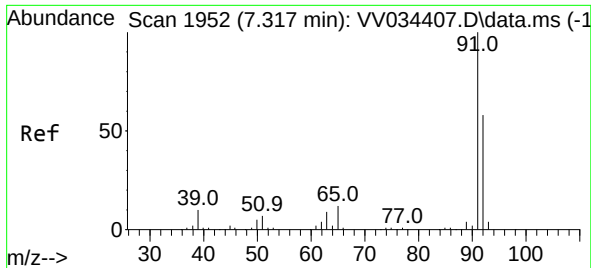
Ion Ratio Lower Upper

43 100

58 38.3 30.7 46.1

100 15.5 12.3 18.5





#42

Toluene

Concen: 5.080 ug/L

RT: 7.313 min Scan# 1952

Delta R.T. -0.003 min

Lab File: VV034411.D

Acq: 26 Feb 2024 15:55

Instrument :

MSVOA_V

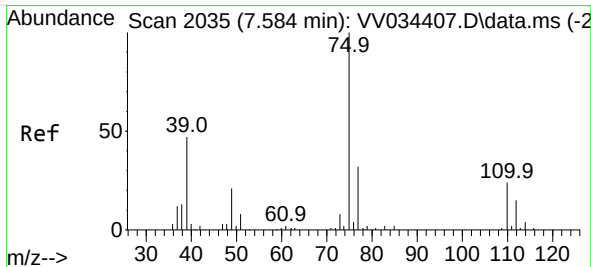
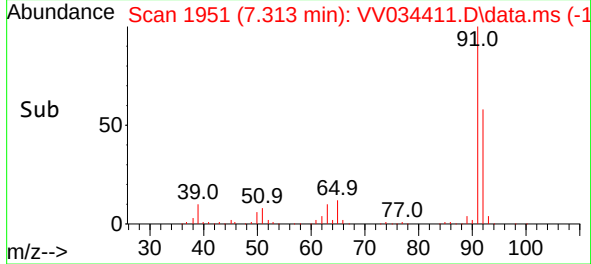
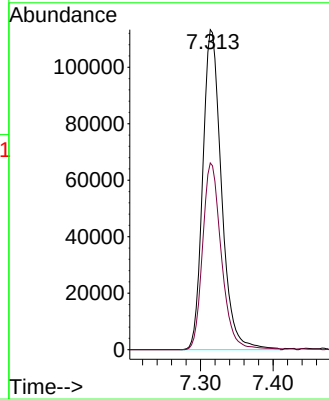
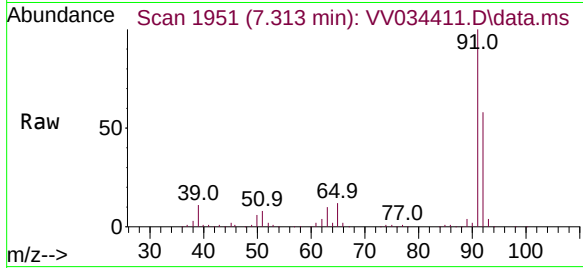
ClientSampleId :

Tgt Ion: 91 Resp: 203115

Ion Ratio Lower Upper

91 100

92 58.4 40.5 75.3



#44

trans-1,3-Dichloropropene

Concen: 5.629 ug/L

RT: 7.583 min Scan# 2035

Delta R.T. -0.000 min

Lab File: VV034411.D

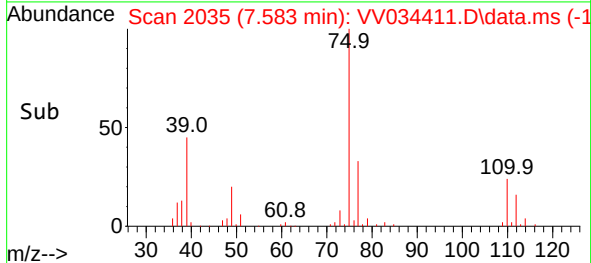
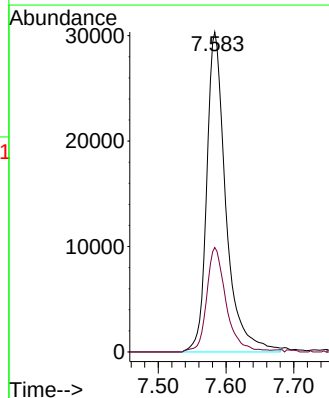
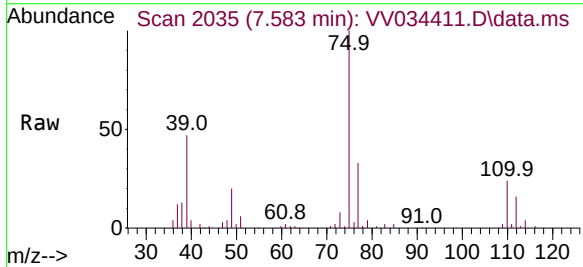
Acq: 26 Feb 2024 15:55

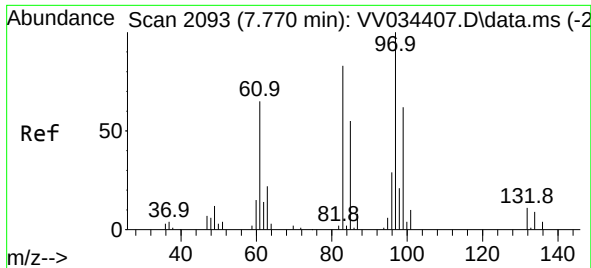
Tgt Ion: 75 Resp: 59598

Ion Ratio Lower Upper

75 100

77 32.7 22.7 42.1

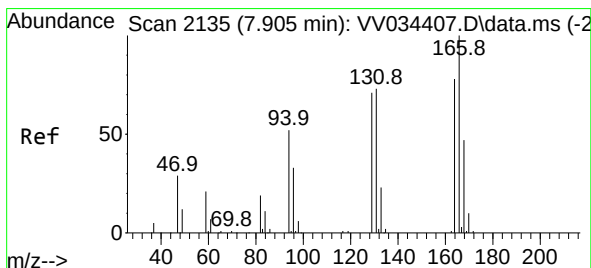
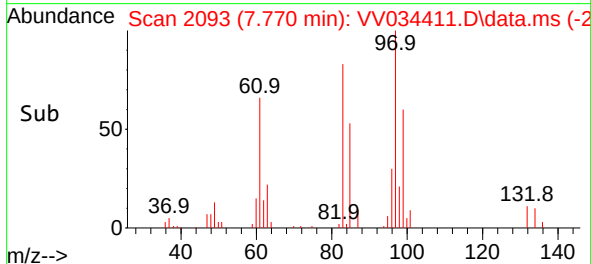
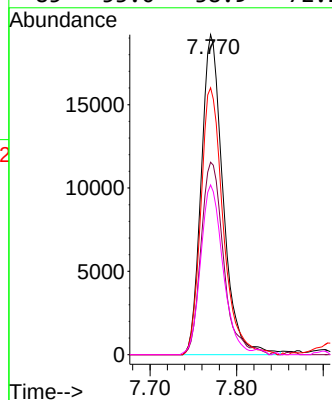
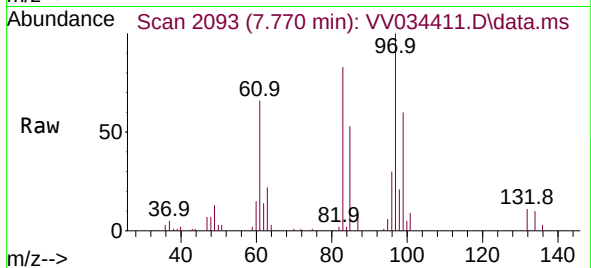




#45
1,1,2-Trichloroethane
Concen: 5.272 ug/L
RT: 7.770 min Scan# 2093
Delta R.T. -0.000 min
Lab File: VV034411.D
Acq: 26 Feb 2024 15:55

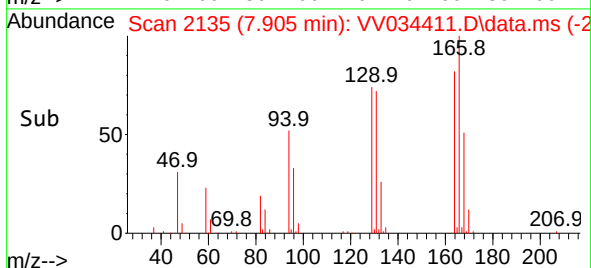
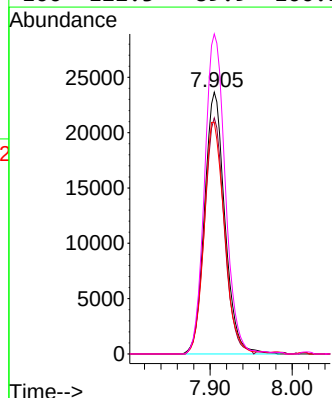
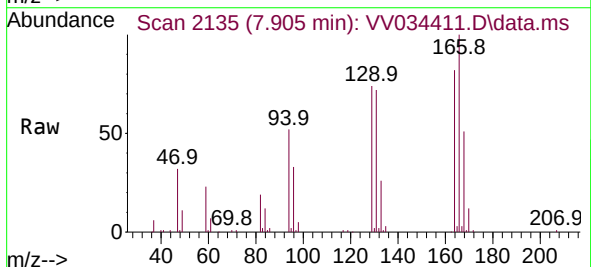
Instrument :
MSVOA_V
ClientSampleId :

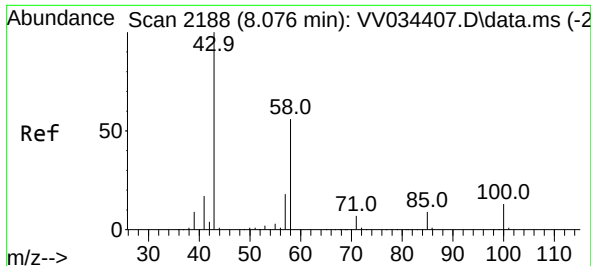
Tgt Ion:	97	Resp:	33733
Ion	Ratio	Lower	Upper
97	100		
99	60.2	43.3	80.5
83	83.4	57.9	107.5
85	53.0	38.9	72.2



#47
Tetrachloroethene
Concen: 5.234 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. -0.000 min
Lab File: VV034411.D
Acq: 26 Feb 2024 15:55

Tgt Ion:	164	Resp:	40808
Ion	Ratio	Lower	Upper
164	100		
129	90.2	64.2	119.2
131	88.5	65.9	122.3
166	122.3	89.9	166.9



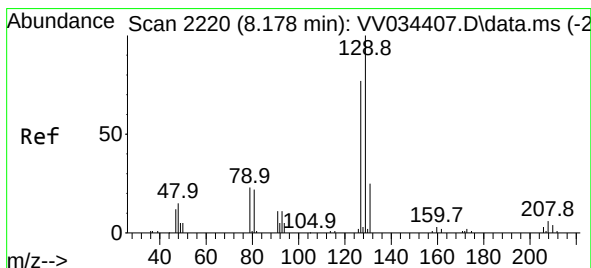
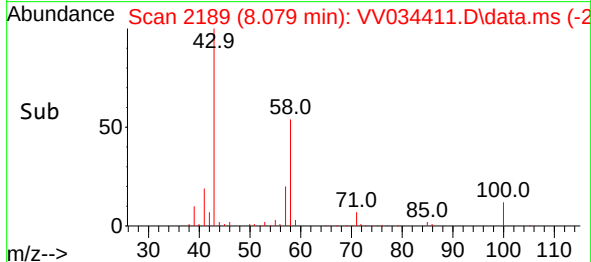
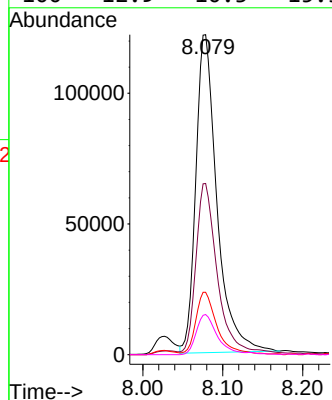
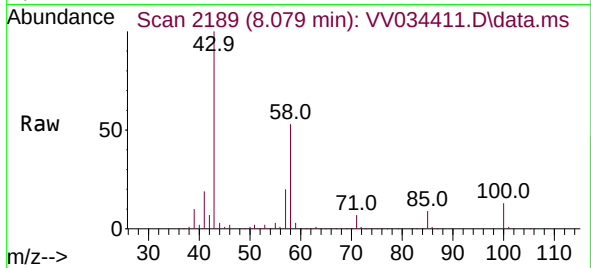


#48
2-Hexanone
Concen: 54.087 ug/L
RT: 8.079 min Scan# 2188
Delta R.T. 0.003 min
Lab File: VV034411.D
Acq: 26 Feb 2024 15:55

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 224182

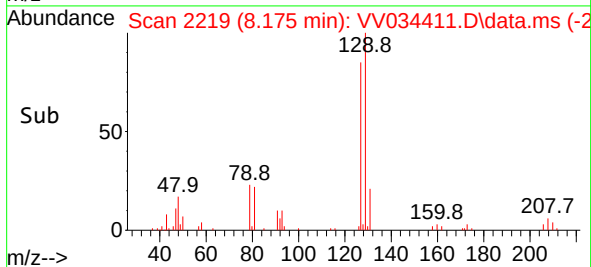
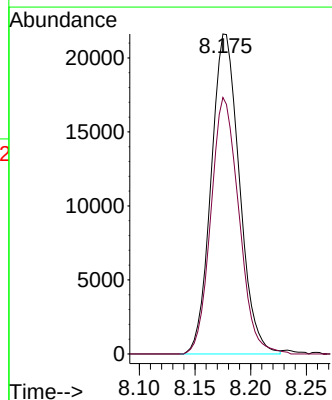
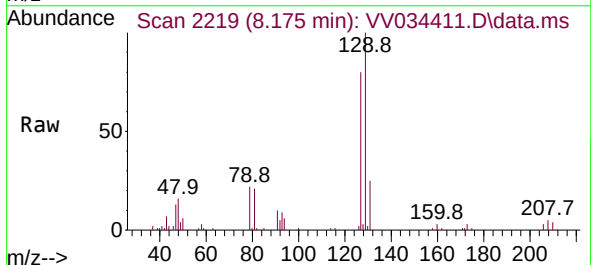
Ion	Ratio	Lower	Upper
43	100		
58	54.7	43.4	65.0
57	19.3	15.5	23.3
100	12.9	10.3	15.5

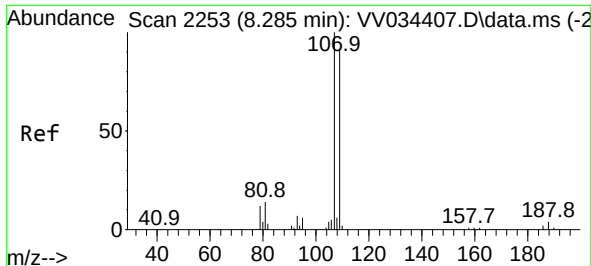


#49
Dibromochloromethane
Concen: 5.130 ug/L
RT: 8.175 min Scan# 2219
Delta R.T. -0.003 min
Lab File: VV034411.D
Acq: 26 Feb 2024 15:55

Tgt Ion: 129 Resp: 38213

Ion	Ratio	Lower	Upper
129	100		
127	80.2	54.0	100.4

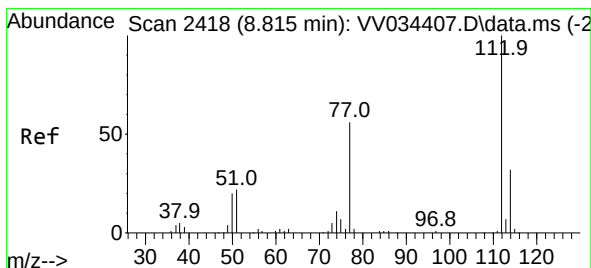
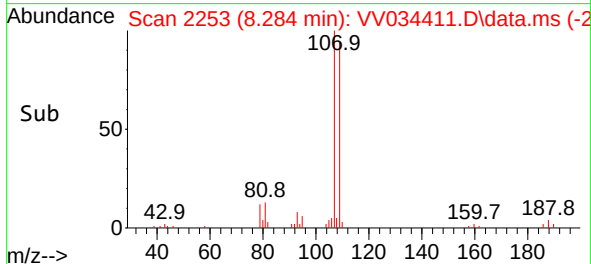
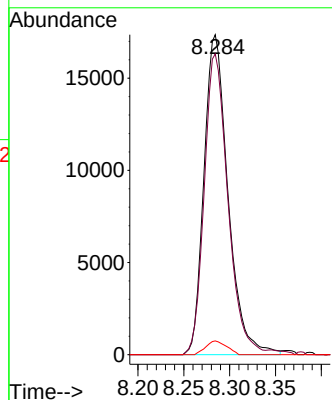
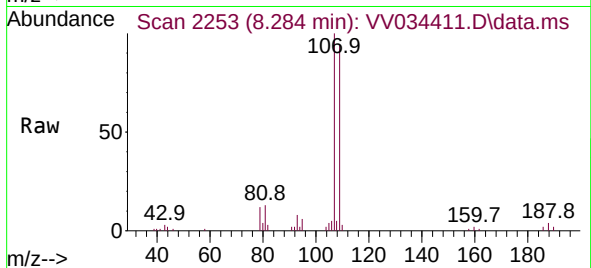




#50
1,2-Dibromoethane
Concen: 5.297 ug/L
RT: 8.284 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV034411.D
Acq: 26 Feb 2024 15:55

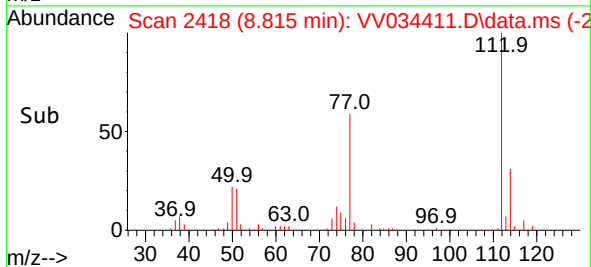
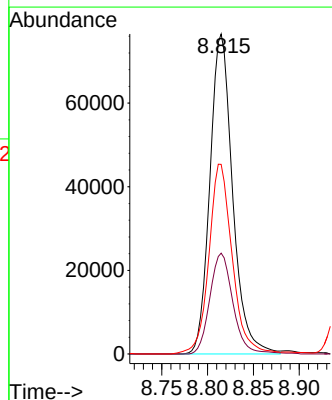
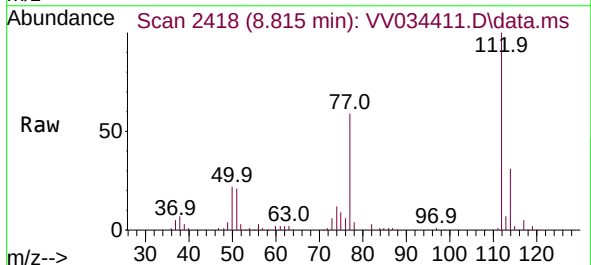
Instrument :
MSVOA_V
ClientSampleId :

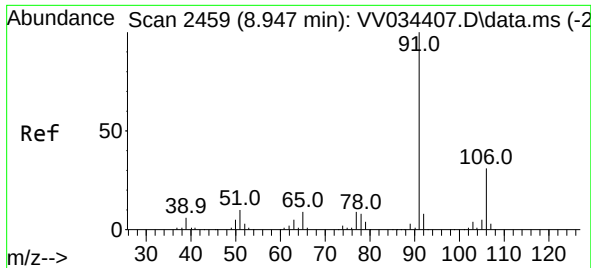
Tgt Ion:107 Resp: 31705
Ion Ratio Lower Upper
107 100
109 94.0 63.8 118.4
188 4.3 3.1 4.7



#51
Chlorobenzene
Concen: 5.088 ug/L
RT: 8.815 min Scan# 2418
Delta R.T. -0.000 min
Lab File: VV034411.D
Acq: 26 Feb 2024 15:55

Tgt Ion:112 Resp: 132149
Ion Ratio Lower Upper
112 100
114 31.5 22.5 41.9
77 59.2 45.4 68.2

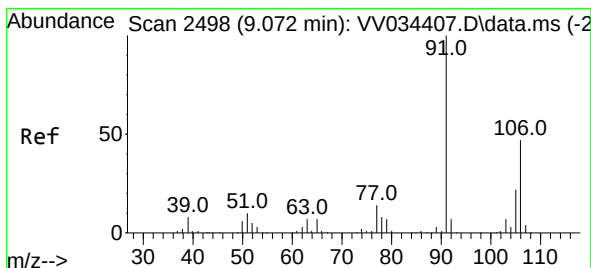
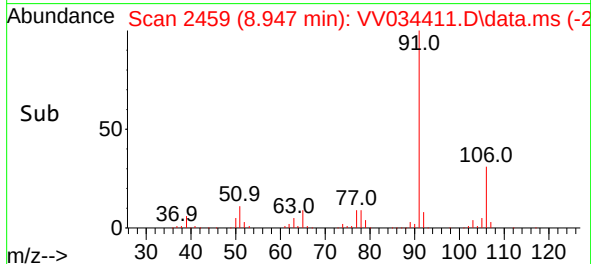
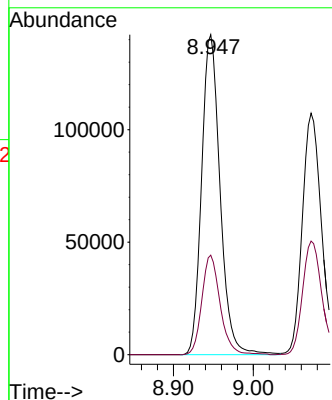
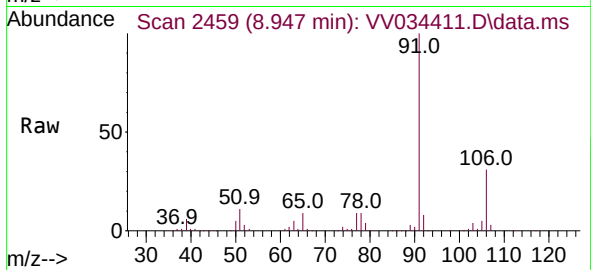




#52
Ethylbenzene
Concen: 5.088 ug/L
RT: 8.947 min Scan# 2459
Delta R.T. -0.000 min
Lab File: VV034411.D
Acq: 26 Feb 2024 15:55

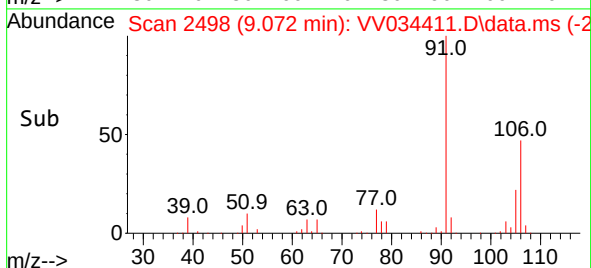
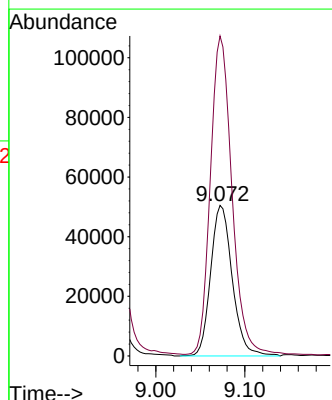
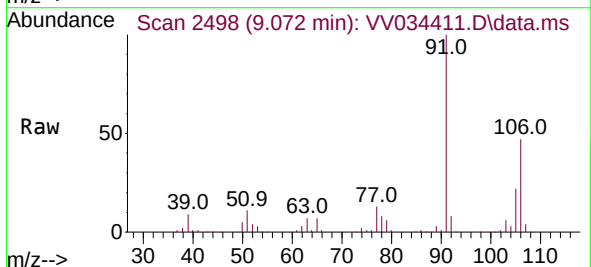
Instrument :
MSVOA_V
ClientSampleId :

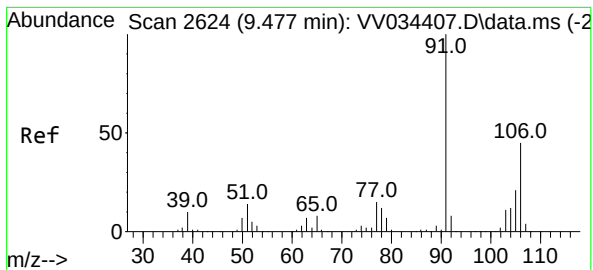
Tgt Ion: 91 Resp: 229105
Ion Ratio Lower Upper
91 100
106 31.1 21.4 39.8



#53
m,p-Xylene
Concen: 5.090 ug/L
RT: 9.072 min Scan# 2498
Delta R.T. -0.000 min
Lab File: VV034411.D
Acq: 26 Feb 2024 15:55

Tgt Ion: 106 Resp: 85178
Ion Ratio Lower Upper
106 100
91 212.5 148.5 275.9





#54

o-Xylene

Concen: 5.134 ug/L

RT: 9.477 min Scan# 2

Delta R.T. -0.000 min

Lab File: VV034411.D

Acq: 26 Feb 2024 15:55

Instrument :

MSVOA_V

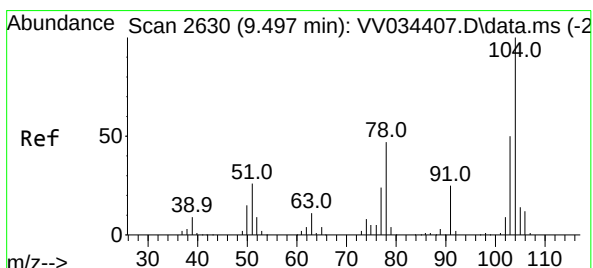
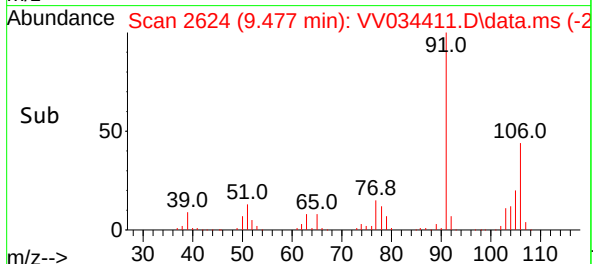
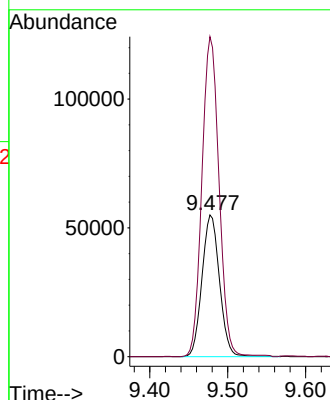
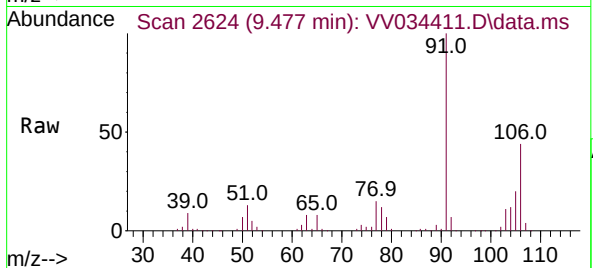
ClientSampleId :

Tgt Ion:106 Resp: 85776

Ion Ratio Lower Upper

106 100

91 225.8 155.8 289.3



#55

Styrene

Concen: 5.311 ug/L

RT: 9.496 min Scan# 2630

Delta R.T. -0.000 min

Lab File: VV034411.D

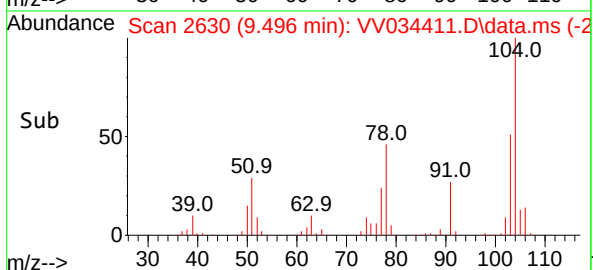
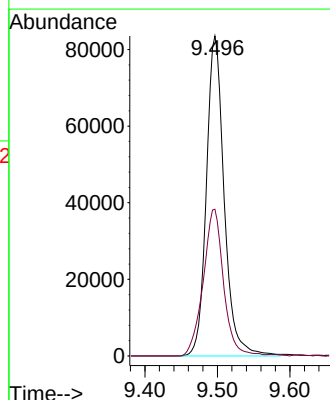
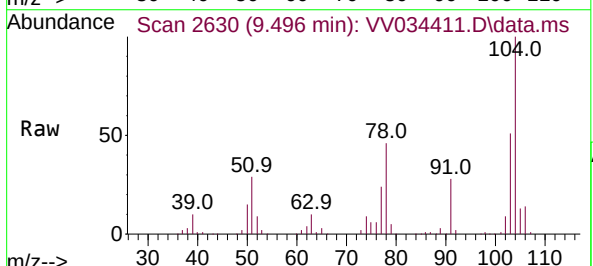
Acq: 26 Feb 2024 15:55

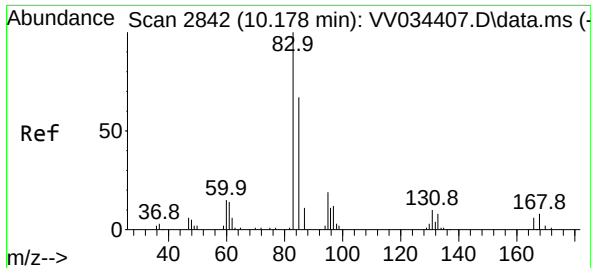
Tgt Ion:104 Resp: 142688

Ion Ratio Lower Upper

104 100

78 45.8 32.9 61.1

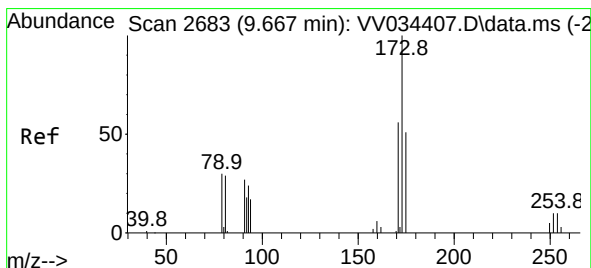
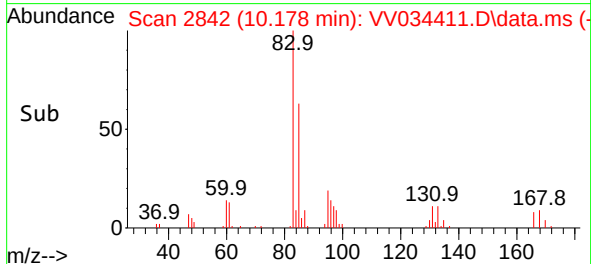
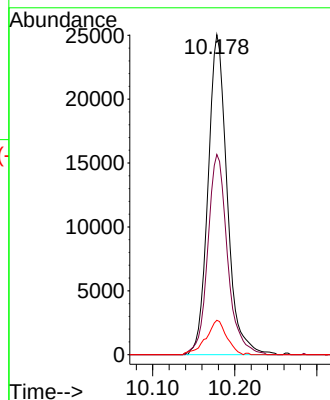
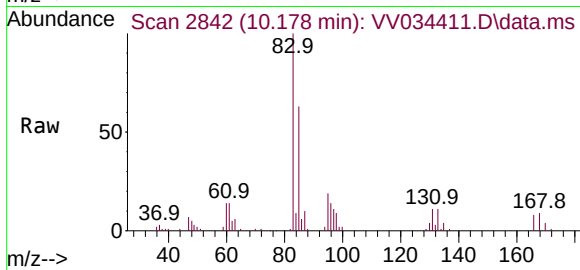




#57
1,1,2,2-Tetrachloroethane
Concen: 5.293 ug/L
RT: 10.178 min Scan# 2842
Delta R.T. -0.000 min
Lab File: VV034411.D
Acq: 26 Feb 2024 15:55

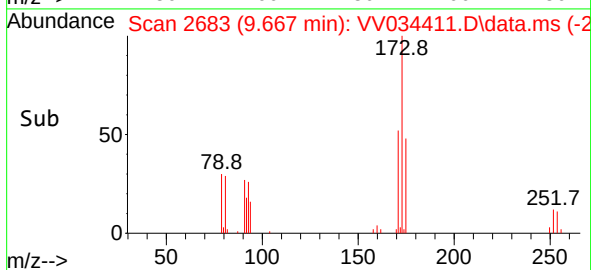
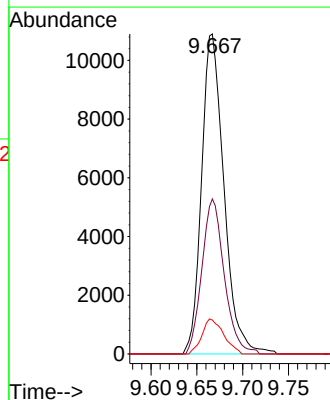
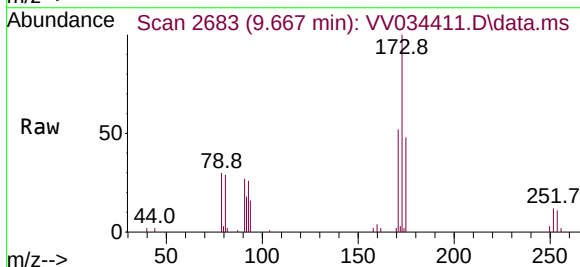
Instrument :
MSVOA_V
ClientSampleId :

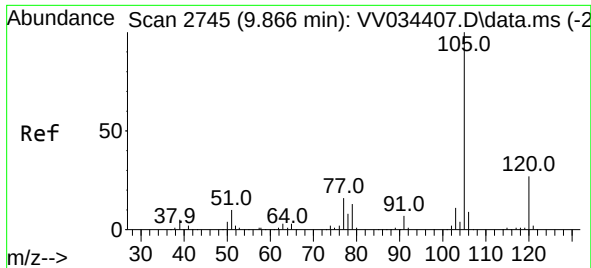
Tgt Ion: 83 Resp: 40512
Ion Ratio Lower Upper
83 100
85 62.6 46.7 86.7
131 10.7 8.6 12.8



#59
Bromoform
Concen: 5.054 ug/L
RT: 9.667 min Scan# 2683
Delta R.T. -0.000 min
Lab File: VV034411.D
Acq: 26 Feb 2024 15:55

Tgt Ion: 173 Resp: 18509
Ion Ratio Lower Upper
173 100
175 48.4 38.9 58.3
254 10.6 7.8 11.6

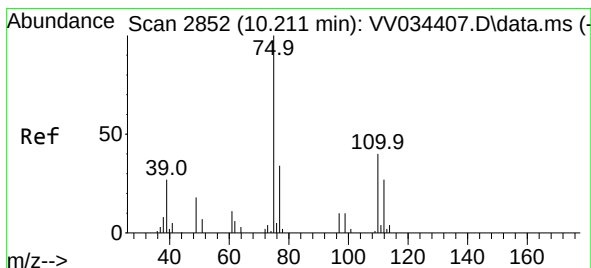
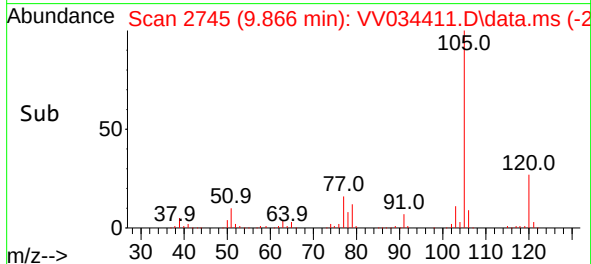
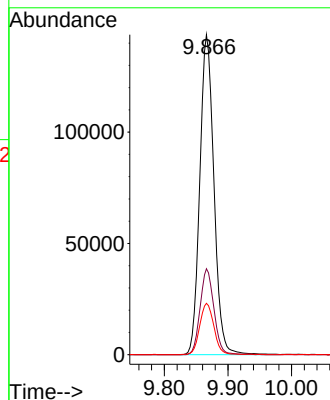
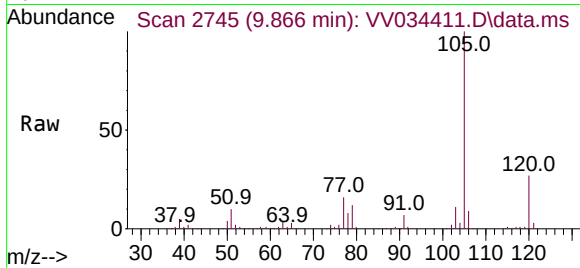




#60
Isopropylbenzene
Concen: 5.174 ug/L
RT: 9.866 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV034411.D
Acq: 26 Feb 2024 15:55

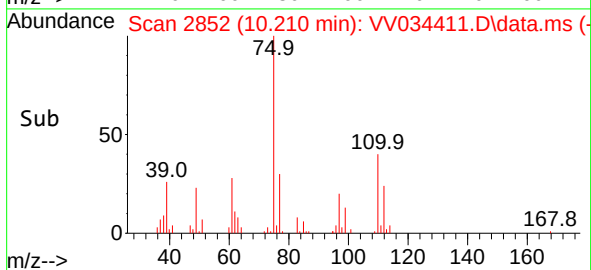
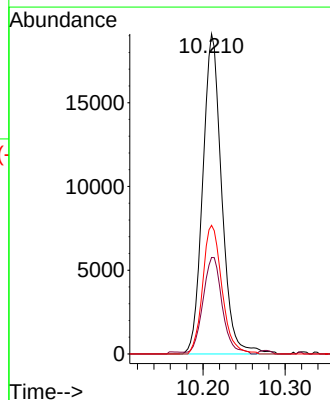
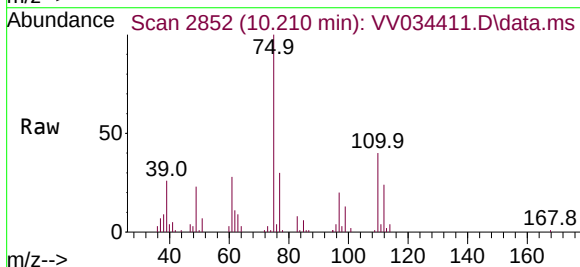
Instrument :
MSVOA_V
ClientSampleId :

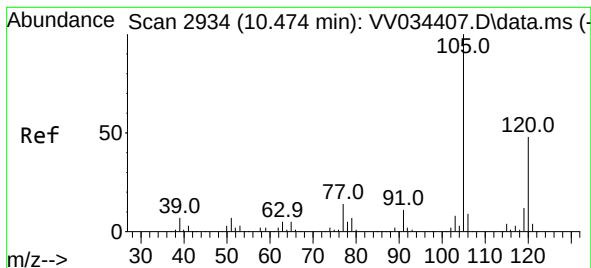
Tgt Ion:105 Resp: 222130
Ion Ratio Lower Upper
105 100
120 26.2 21.3 31.9
77 16.1 13.0 19.4



#61
1,2,3-Trichloropropane
Concen: 5.532 ug/L
RT: 10.210 min Scan# 2852
Delta R.T. -0.000 min
Lab File: VV034411.D
Acq: 26 Feb 2024 15:55

Tgt Ion: 75 Resp: 30613
Ion Ratio Lower Upper
75 100
77 30.7 27.7 41.5
110 40.9 32.0 48.0





#62

1,3,5-Trimethylbenzene

Concen: 5.160 ug/L

RT: 10.477 min Scan# 2934

Delta R.T. 0.003 min

Lab File: VV034411.D

Acq: 26 Feb 2024 15:55

Instrument :

MSVOA_V

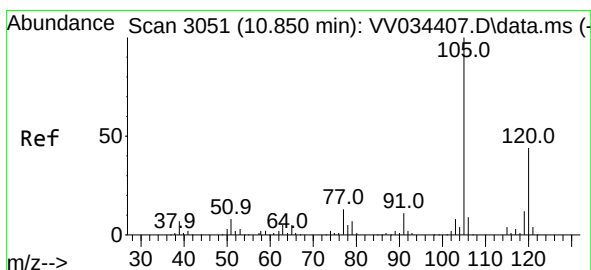
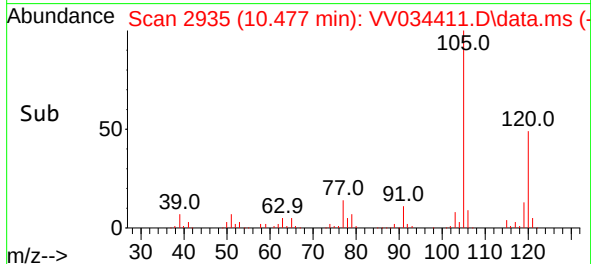
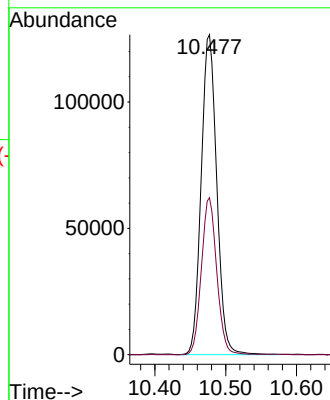
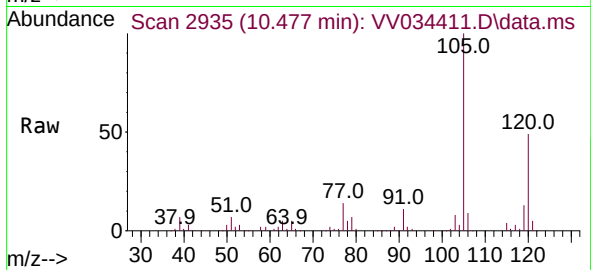
ClientSampleId :

Tgt Ion:105 Resp: 193355

Ion Ratio Lower Upper

105 100

120 48.3 38.7 58.1



#63

1,2,4-Trimethylbenzene

Concen: 5.186 ug/L

RT: 10.850 min Scan# 3051

Delta R.T. -0.000 min

Lab File: VV034411.D

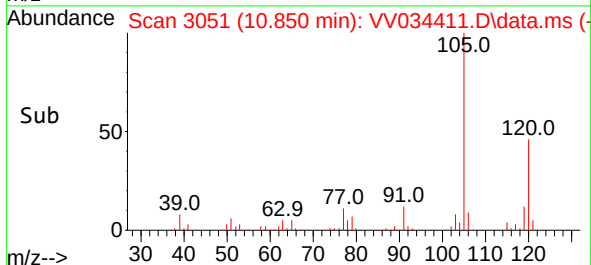
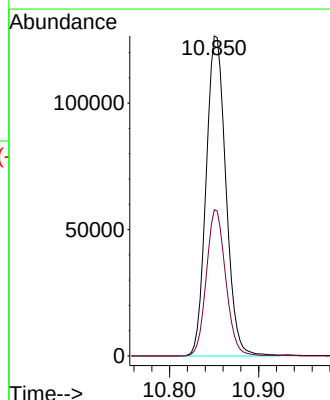
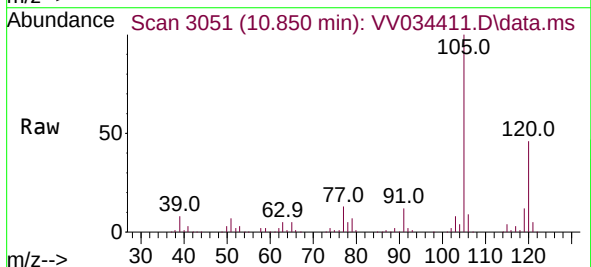
Acq: 26 Feb 2024 15:55

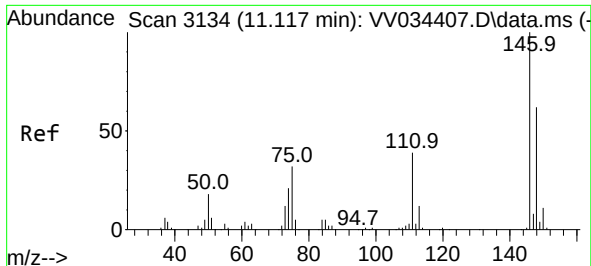
Tgt Ion:105 Resp: 194612

Ion Ratio Lower Upper

105 100

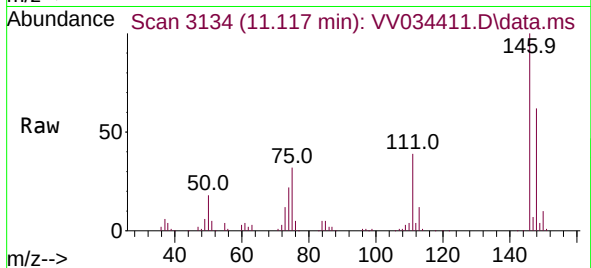
120 44.7 35.4 53.2



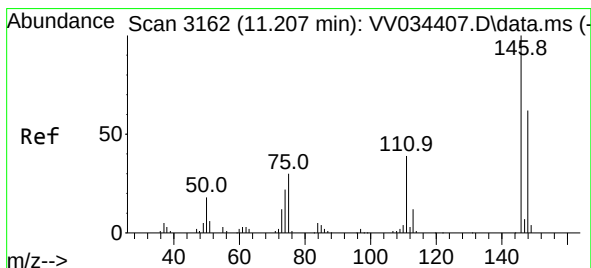
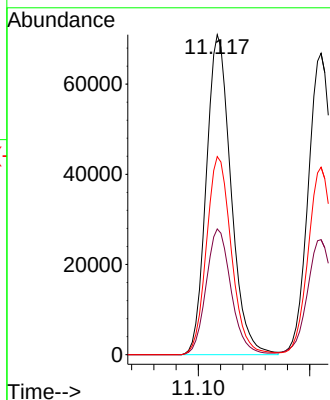
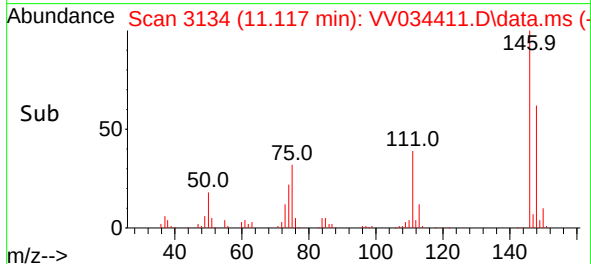


#64
1,3-Dichlorobenzene
Concen: 5.241 ug/L
RT: 11.117 min Scan# 3134
Delta R.T. -0.000 min
Lab File: VV034411.D
Acq: 26 Feb 2024 15:55

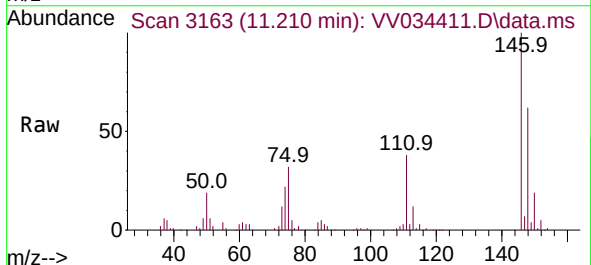
Instrument :
MSVOA_V
ClientSampleId :



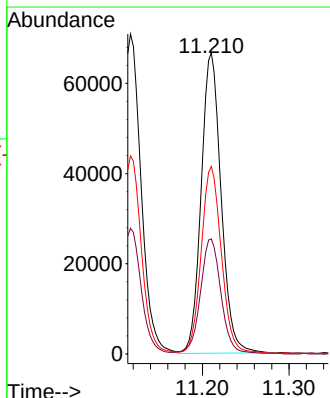
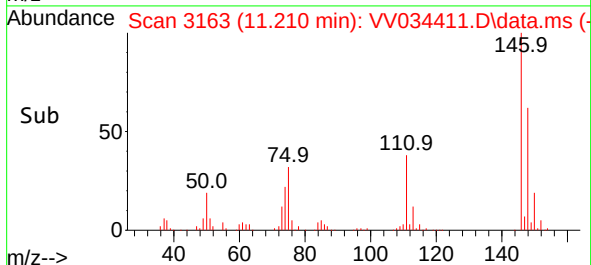
Tgt Ion:146 Resp: 109278
Ion Ratio Lower Upper
146 100
111 39.3 27.0 50.2
148 61.9 43.1 80.1

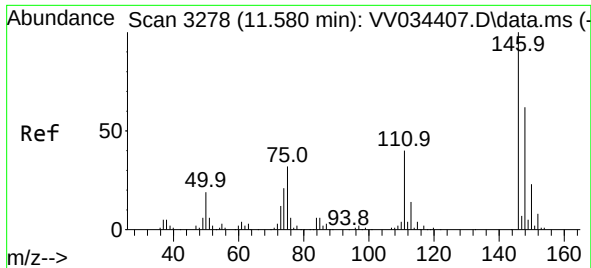


#65
1,4-Dichlorobenzene
Concen: 5.150 ug/L
RT: 11.210 min Scan# 3163
Delta R.T. 0.003 min
Lab File: VV034411.D
Acq: 26 Feb 2024 15:55



Tgt Ion:146 Resp: 106581
Ion Ratio Lower Upper
146 100
111 38.2 27.2 50.6
148 62.2 43.5 80.9

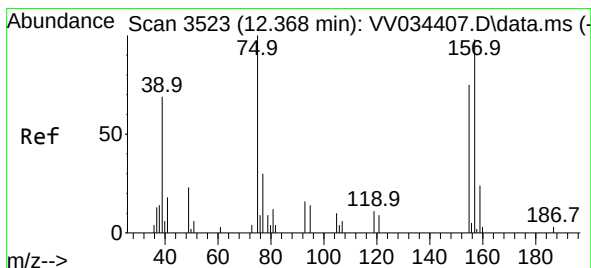
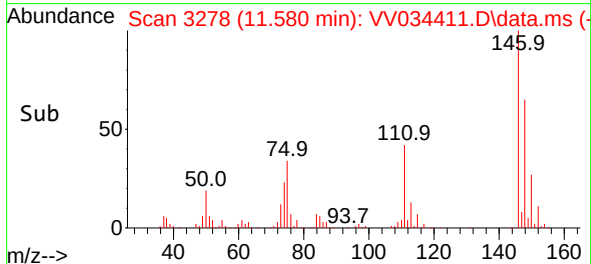
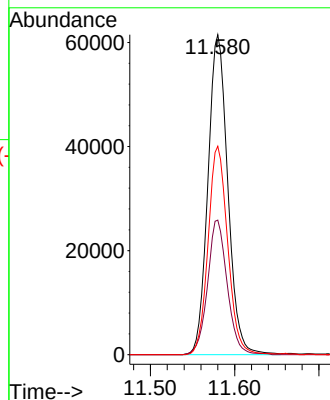
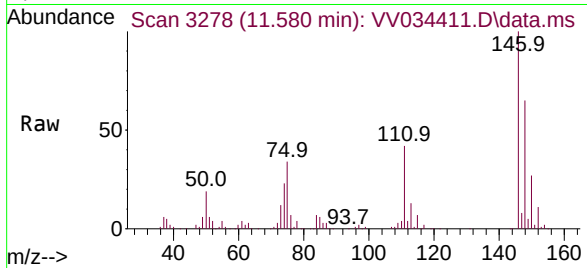




#67
1,2-Dichlorobenzene
Concen: 5.157 ug/L
RT: 11.580 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV034411.D
Acq: 26 Feb 2024 15:55

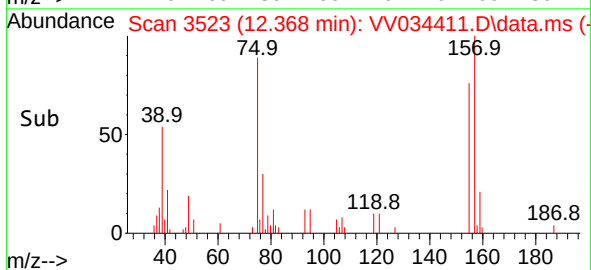
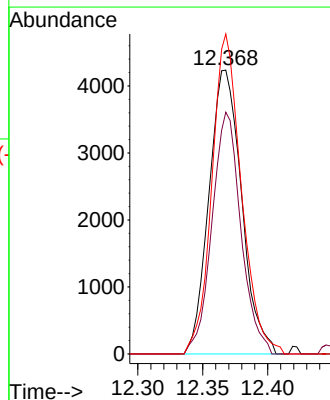
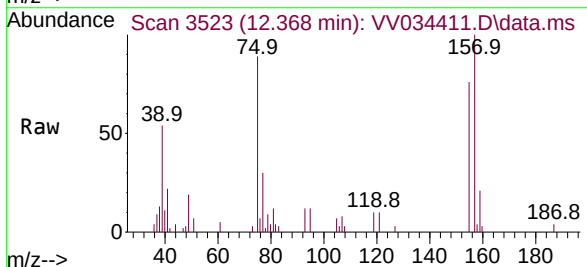
Instrument :
MSVOA_V
ClientSampleId :

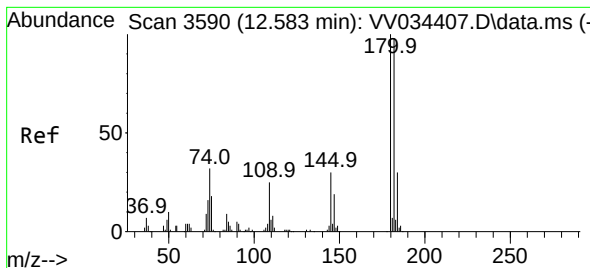
Tgt Ion:146 Resp: 100813
Ion Ratio Lower Upper
146 100
111 42.1 32.2 48.4
148 65.1 49.7 74.5



#68
1,2-Dibromo-3-chloropropane
Concen: 5.290 ug/L
RT: 12.368 min Scan# 3523
Delta R.T. -0.000 min
Lab File: VV034411.D
Acq: 26 Feb 2024 15:55

Tgt Ion: 75 Resp: 7396
Ion Ratio Lower Upper
75 100
155 85.2 60.0 90.0
157 112.7 78.6 117.8





#69

1,3,5-Trichlorobenzene

Concen: 5.124 ug/L

RT: 12.583 min Scan# 3590

Delta R.T. -0.000 min

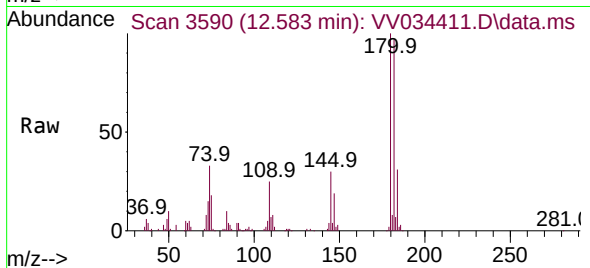
Lab File: VV034411.D

Acq: 26 Feb 2024 15:55

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 81976

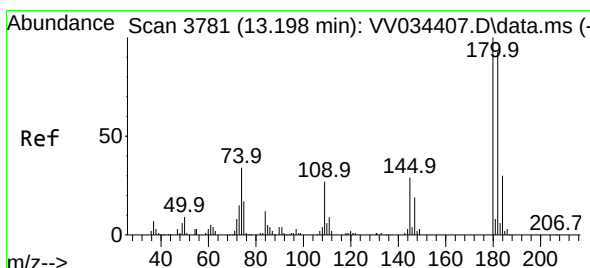
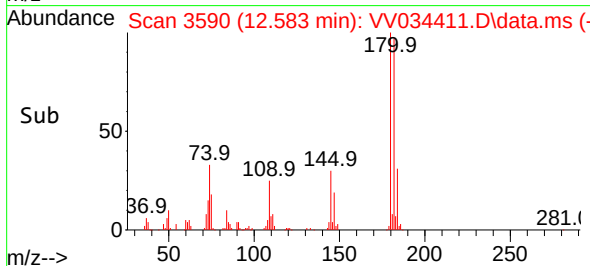
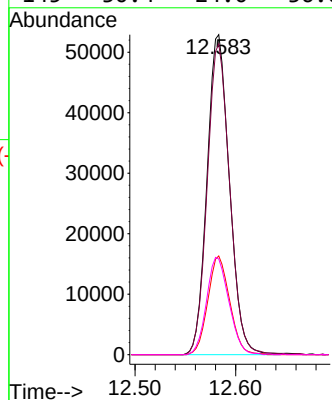
Ion Ratio Lower Upper

180 100

182 97.4 77.8 116.6

184 30.0 23.8 35.8

145 30.4 24.0 36.0



#70

1,2,4-trichlorobenzene

Concen: 5.466 ug/L

RT: 13.197 min Scan# 3781

Delta R.T. -0.000 min

Lab File: VV034411.D

Acq: 26 Feb 2024 15:55

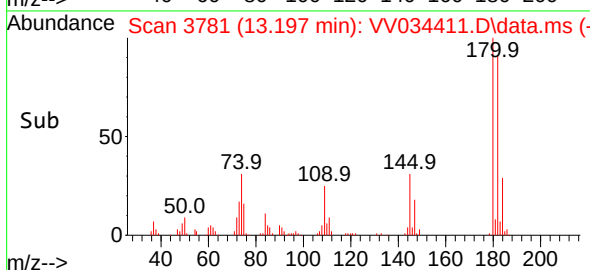
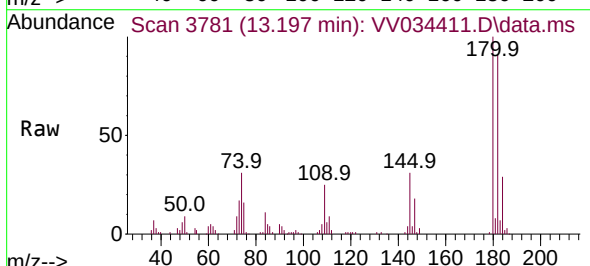
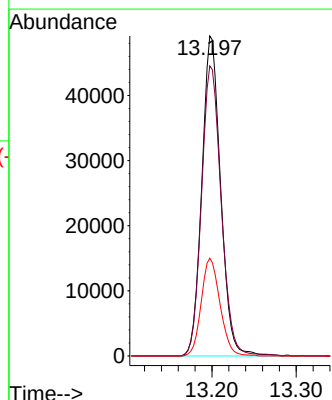
Tgt Ion:180 Resp: 76339

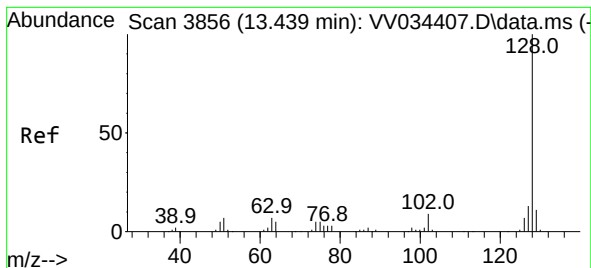
Ion Ratio Lower Upper

180 100

182 94.9 75.3 112.9

145 30.5 23.6 35.4





#71

Naphthalene

Concen: 5.614 ug/L

RT: 13.438 min Scan# 3856

Delta R.T. -0.000 min

Lab File: VV034411.D

Acq: 26 Feb 2024 15:55

Instrument :

MSVOA_V

ClientSampleId :

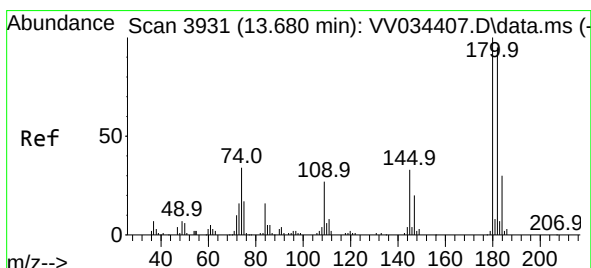
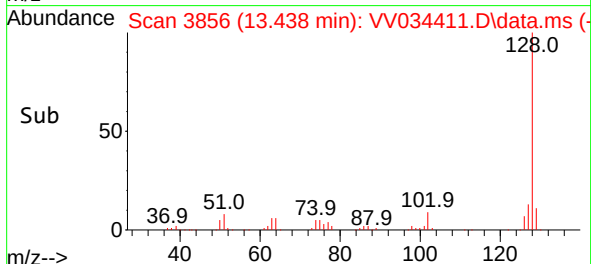
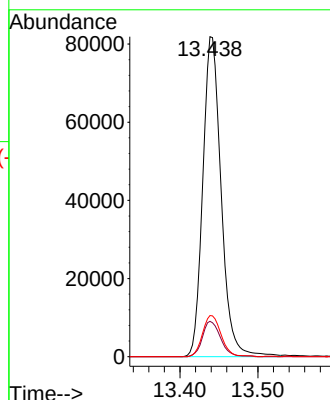
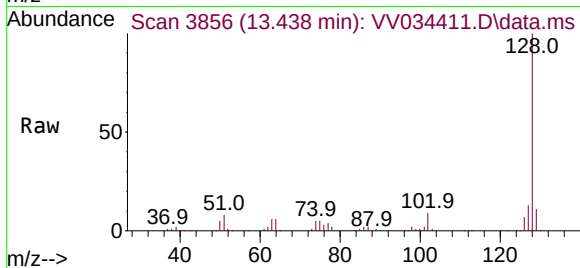
Tgt Ion:128 Resp: 133979

Ion Ratio Lower Upper

128 100

129 11.0 8.4 12.6

127 13.0 10.4 15.6



#72

1,2,3-Trichlorobenzene

Concen: 5.328 ug/L

RT: 13.680 min Scan# 3931

Delta R.T. -0.000 min

Lab File: VV034411.D

Acq: 26 Feb 2024 15:55

Tgt Ion:180 Resp: 66646

Ion Ratio Lower Upper

180 100

182 95.7 76.1 114.1

145 32.2 25.8 38.6

