

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022724\
 Data File : VW034454.D
 Acq On : 27 Feb 2024 17:10
 Operator : SY/MD
 Sample : P1566-08MS
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 28 03:58:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR022624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Feb 28 03:52:36 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	134306	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	129453	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	68887	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	33149	4.252	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.000%
7) Chloroethane-d5	1.532	69	31108	4.518	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.400%
11) 1,1-Dichloroethene-d2	2.060	65	15296	4.215	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.200%
20) 2-Butanone-d5	3.809	46	123479	60.577	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	121.160%
24) Chloroform-d	4.252	84	79620	5.086	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.800%
26) 1,2-Dichloroethane-d4	4.944	65	42952	5.392	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.800%
32) Benzene-d6	4.963	84	134810	4.629	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.600%
36) 1,2-Dichloropropane-d6	5.992	67	41432	4.765	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.200%
41) Toluene-d8	7.243	98	121984	4.671	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.400%
43) trans-1,3-Dichloroprop...	7.558	79	17048	5.263	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	105.200%
46) 2-Hexanone-d5	8.024	63	106432	58.107	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	116.220%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	36545	5.310	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.200%
66) 1,2-Dichlorobenzene-d4	11.561	152	51105	4.883	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	44642	5.266	ug/L	96
3) Chloromethane	1.214	50	52306	5.199	ug/L	100
5) Vinyl chloride	1.282	62	52761	5.304	ug/L	98
6) Bromomethane	1.487	94	27228	4.822	ug/L	100
8) Chloroethane	1.548	64	34023	4.834	ug/L	98
9) Trichlorofluoromethane	1.712	101	88193	5.445	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	46867	5.366	ug/L	99
12) 1,1-Dichloroethene	2.069	96	45249	5.380	ug/L	84
13) Acetone	2.137	43	431599	208.177	ug/L	98
14) Carbon disulfide	2.240	76	121207	5.378	ug/L	97
15) Methyl Acetate	2.375	43	668834	188.070	ug/L #	54
16) Methylene chloride	2.445	84	48187	5.016	ug/L	99
17) Methyl tert-butyl Ether	2.706	73	125082	5.720	ug/L	99
18) trans-1,2-Dichloroethene	2.693	96	46230	5.404	ug/L	96
19) 1,1-Dichloroethane	3.114	63	89009	5.407	ug/L	100
21) 2-Butanone	3.889	43	159326	70.001	ug/L	97
22) cis-1,2-Dichloroethene	3.818	96	50550	5.374	ug/L	98
23) Bromochloromethane	4.156	128	22018	5.616	ug/L	93
25) Chloroform	4.278	83	93531	5.470	ug/L	99

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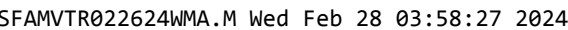
Instrument :
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 ClientSampleId :

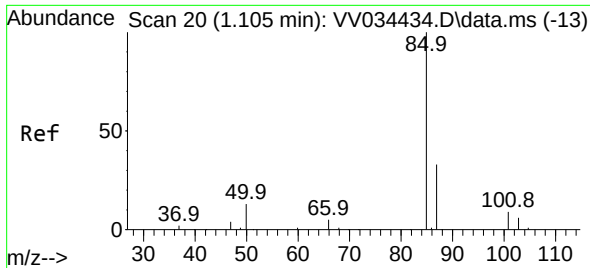
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.047	62	60665	5.814	ug/L	98
29) 1,1,1-Trichloroethane	4.513	97	84065	5.191	ug/L	98
30) Cyclohexane	4.584	56	71926	5.164	ug/L	99
31) Carbon tetrachloride	4.738	117	72283	5.143	ug/L	97
33) Benzene	5.011	78	187847	5.243	ug/L	100
34) Trichloroethene	5.834	95	68489	7.320	ug/L	97
35) Methylcyclohexane	6.050	83	73719	5.019	ug/L	97
37) 1,2-Dichloropropane	6.095	63	45591	5.148	ug/L	98
38) Bromodichloromethane	6.436	83	63019	5.221	ug/L	99
39) cis-1,3-Dichloropropene	6.957	75	65796	5.361	ug/L	98
40) 4-Methyl-2-pentanone	7.159	43	324159	59.166	ug/L	99
42) Toluene	7.317	91	202439	5.378	ug/L	99
44) trans-1,3-Dichloropropene	7.584	75	58165	5.835	ug/L	99
45) 1,1,2-Trichloroethane	7.770	97	32876	5.457	ug/L	98
47) Tetrachloroethene	7.905	164	143819	19.594	ug/L	98
48) 2-Hexanone	8.075	43	223261	57.214	ug/L	99
49) Dibromochloromethane	8.178	129	37849	5.397	ug/L	100
50) 1,2-Dibromoethane	8.284	107	31836	5.650	ug/L	96
51) Chlorobenzene	8.815	112	129046	5.277	ug/L	99
52) Ethylbenzene	8.947	91	223638	5.275	ug/L	99
53) m,p-Xylene	9.075	106	82788	5.254	ug/L	93
54) o-Xylene	9.477	106	83487	5.307	ug/L	98
55) Styrene	9.497	104	140020	5.535	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.178	83	40209	5.580	ug/L	98
59) Bromoform	9.667	173	18553	5.275	ug/L	98
60) Isopropylbenzene	9.866	105	213722	5.183	ug/L	99
61) 1,2,3-Trichloropropane	10.210	75	31123	5.855	ug/L	98
62) 1,3,5-Trimethylbenzene	10.477	105	186463	5.181	ug/L	100
63) 1,2,4-Trimethylbenzene	10.854	105	186085	5.163	ug/L	98
64) 1,3-Dichlorobenzene	11.117	146	107157	5.350	ug/L	98
65) 1,4-Dichlorobenzene	11.210	146	105246	5.295	ug/L	99
67) 1,2-Dichlorobenzene	11.580	146	99167	5.282	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.368	75	7340	5.466	ug/L	88
69) 1,3,5-Trichlorobenzene	12.583	180	78573	5.113	ug/L	100
70) 1,2,4-trichlorobenzene	13.197	180	71683	5.343	ug/L	100
71) Naphthalene	13.439	128	126194	5.506	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	64100	5.335	ug/L	100

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

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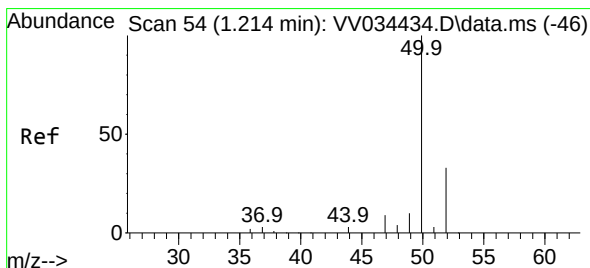
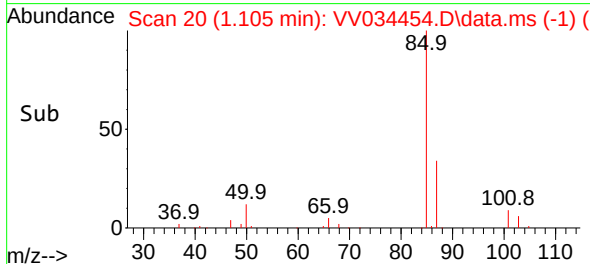
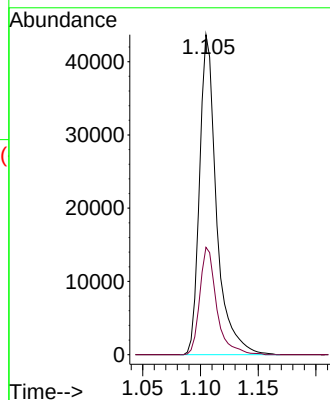
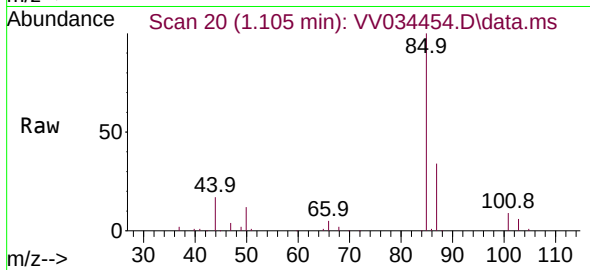




#2
Dichlorodifluoromethane
Concen: 5.266 ug/L
RT: 1.105 min Scan# 20
Delta R.T. -0.000 min
Lab File: VV034454.D
Acq: 27 Feb 2024 17:10

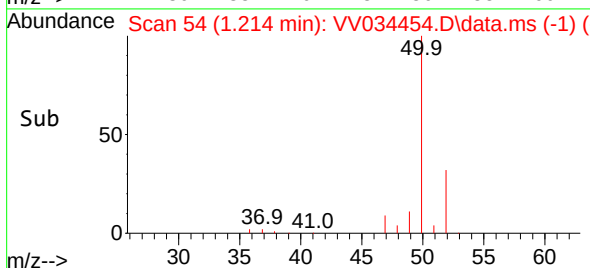
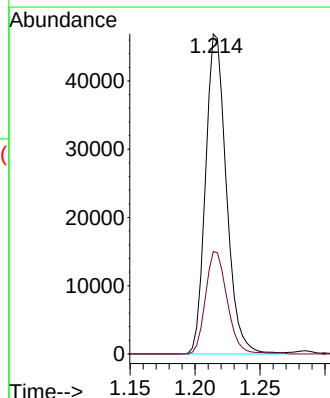
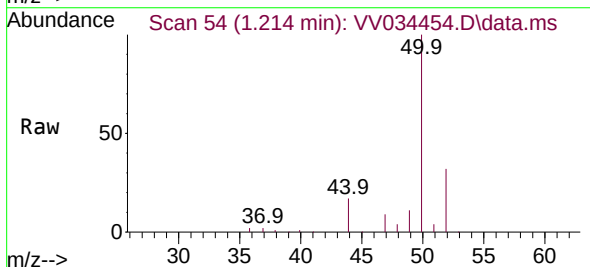
Instrument :
MSVOA_V
ClientSampleId :

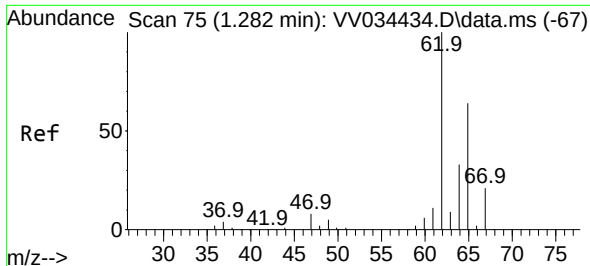
Tgt Ion: 85 Resp: 44642
Ion Ratio Lower Upper
85 100
87 33.4 24.9 37.3



#3
Chloromethane
Concen: 5.199 ug/L
RT: 1.214 min Scan# 54
Delta R.T. -0.000 min
Lab File: VV034454.D
Acq: 27 Feb 2024 17:10

Tgt Ion: 50 Resp: 52306
Ion Ratio Lower Upper
50 100
52 32.0 22.3 41.3

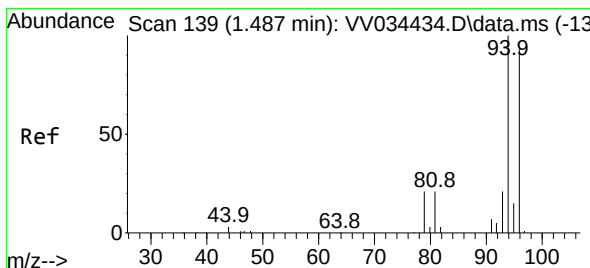
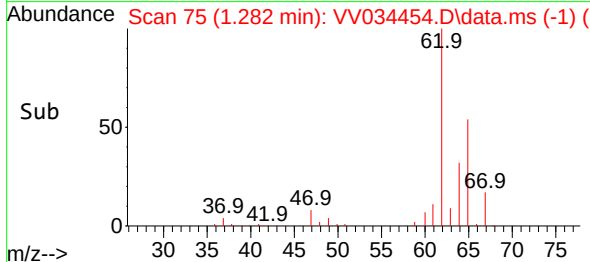
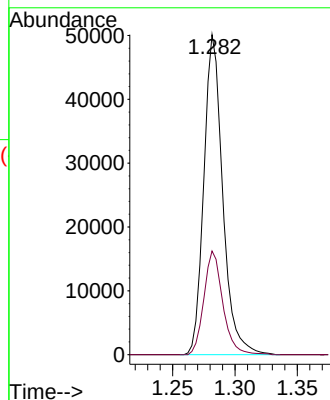
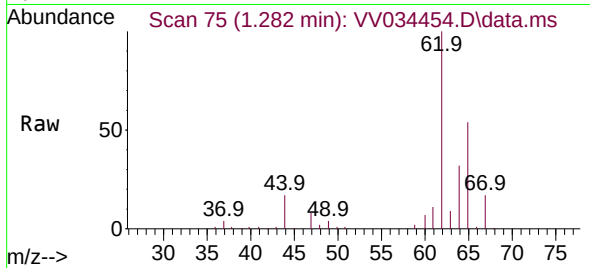




#5
 Vinyl chloride
 Concen: 5.304 ug/L
 RT: 1.282 min Scan# 75
 Delta R.T. -0.000 min
 Lab File: VV034454.D
 Acq: 27 Feb 2024 17:10

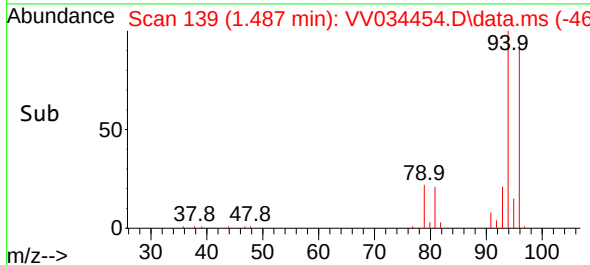
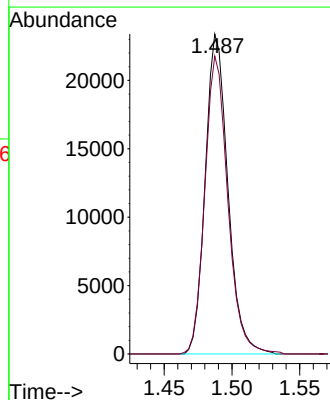
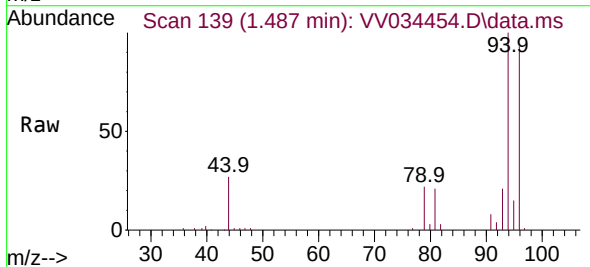
Instrument :
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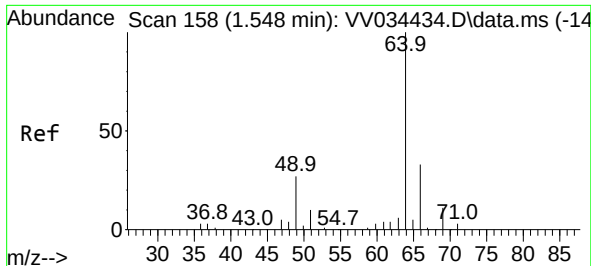
Tgt Ion: 62 Resp: 52761
 Ion Ratio Lower Upper
 62 100
 64 32.4 23.4 43.4



#6
 Bromomethane
 Concen: 4.822 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. -0.000 min
 Lab File: VV034454.D
 Acq: 27 Feb 2024 17:10

Tgt Ion: 94 Resp: 27228
 Ion Ratio Lower Upper
 94 100
 96 93.1 65.5 121.7

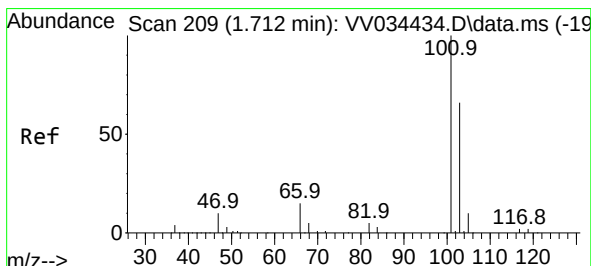
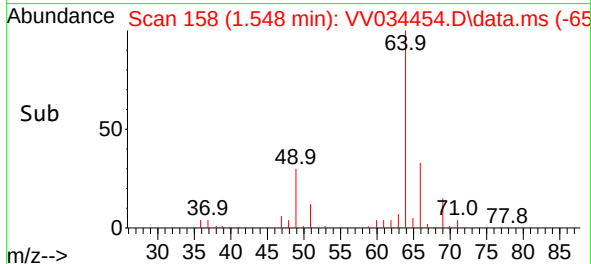
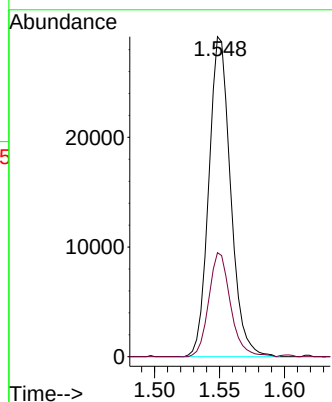
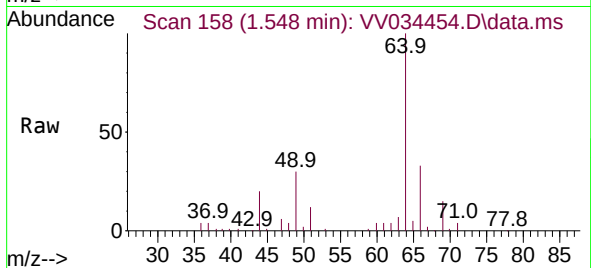




#8
Chloroethane
Concen: 4.834 ug/L
RT: 1.548 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV034454.D
Acq: 27 Feb 2024 17:10

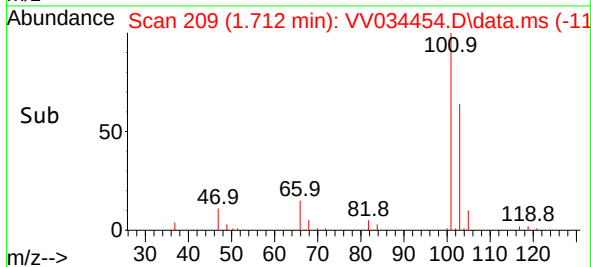
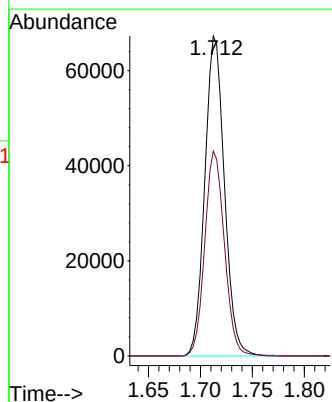
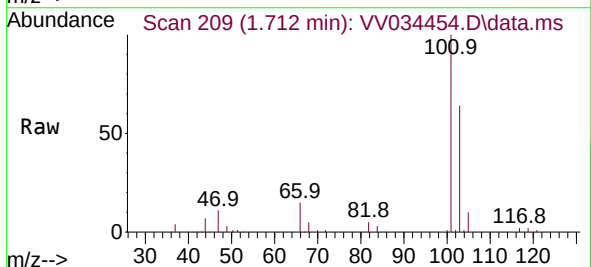
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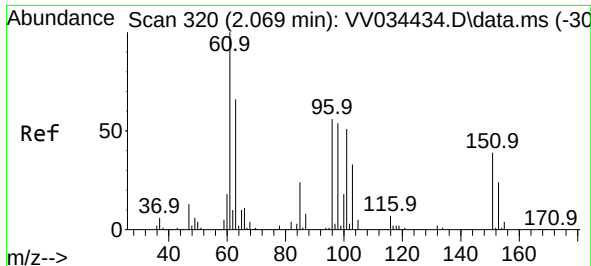
Tgt Ion: 64 Resp: 34023
Ion Ratio Lower Upper
64 100
66 32.5 22.1 41.1



#9
Trichlorofluoromethane
Concen: 5.445 ug/L
RT: 1.712 min Scan# 209
Delta R.T. -0.000 min
Lab File: VV034454.D
Acq: 27 Feb 2024 17:10

Tgt Ion:101 Resp: 88193
Ion Ratio Lower Upper
101 100
103 64.0 52.0 78.0

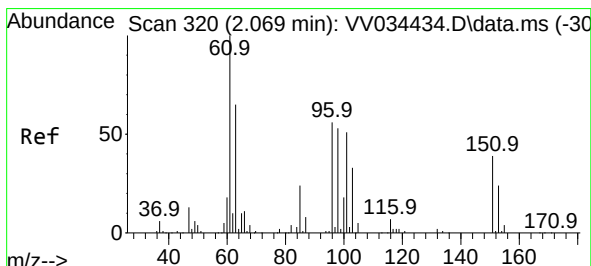
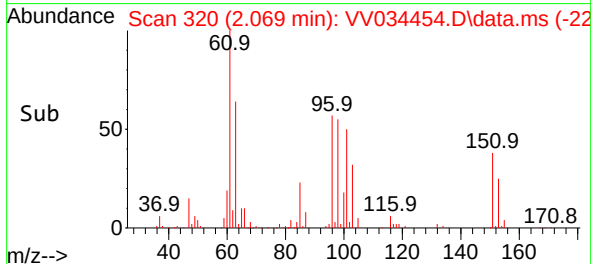
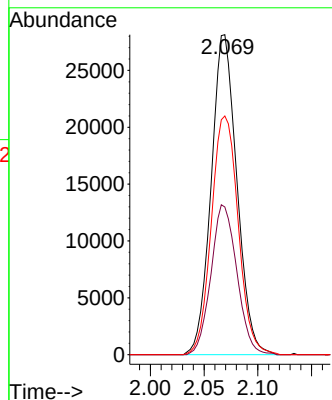
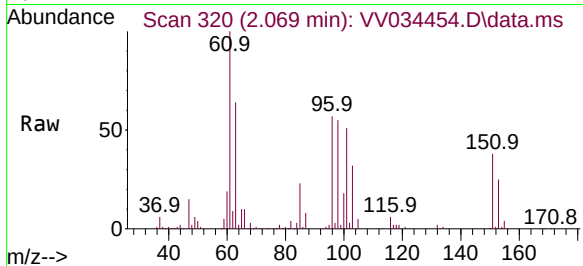




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.366 ug/L
 RT: 2.069 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VV034454.D
 Acq: 27 Feb 2024 17:10

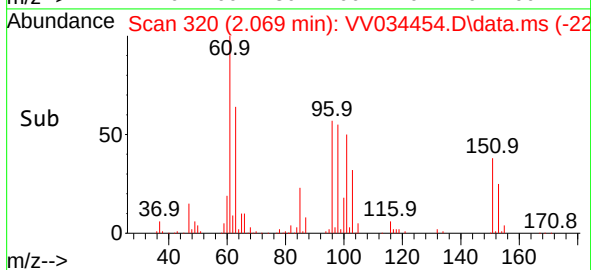
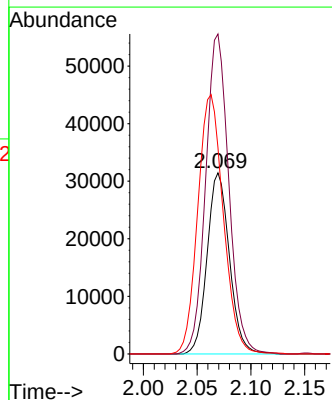
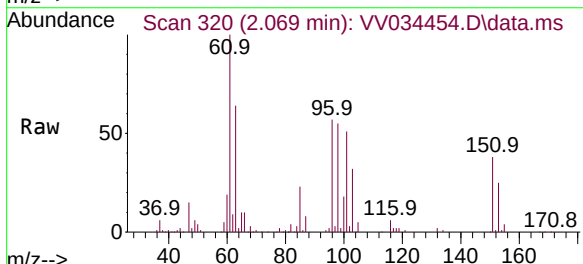
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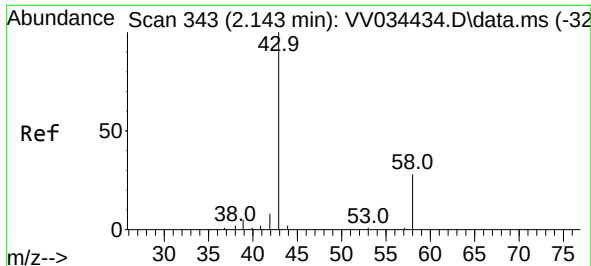
Tgt Ion:101 Resp: 46867
 Ion Ratio Lower Upper
 101 100
 85 47.1 37.9 56.9
 151 77.8 61.8 92.6



#12
 1,1-Dichloroethene
 Concen: 5.380 ug/L
 RT: 2.069 min Scan# 320
 Delta R.T. -0.000 min
 Lab File: VV034454.D
 Acq: 27 Feb 2024 17:10

Tgt Ion: 96 Resp: 45249
 Ion Ratio Lower Upper
 96 100
 61 176.7 131.3 243.8
 63 113.9 102.8 191.0





#13

Acetone

Concen: 208.177 ug/L

RT: 2.137 min Scan# 341

Delta R.T. -0.006 min

Lab File: VV034454.D

Acq: 27 Feb 2024 17:10

Instrument :

MSVOA_V

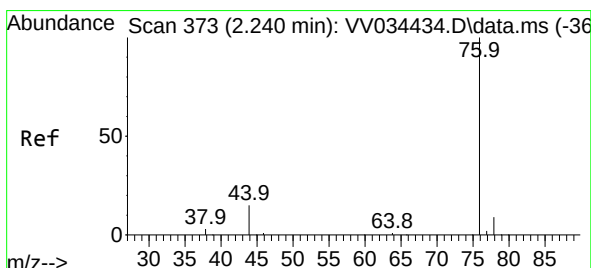
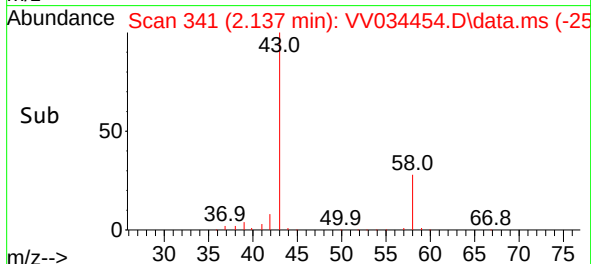
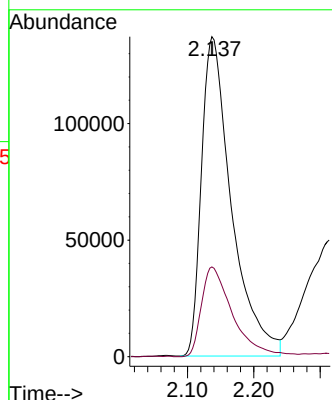
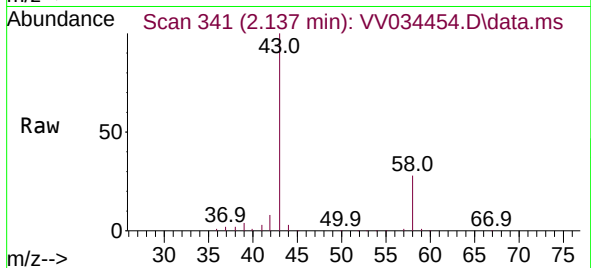
ClientSampleId :

Tgt Ion: 43 Resp: 431599

Ion Ratio Lower Upper

43 100

58 29.3 0.0 56.2



#14

Carbon disulfide

Concen: 5.378 ug/L

RT: 2.240 min Scan# 373

Delta R.T. -0.000 min

Lab File: VV034454.D

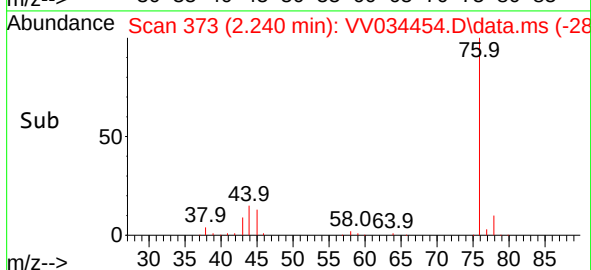
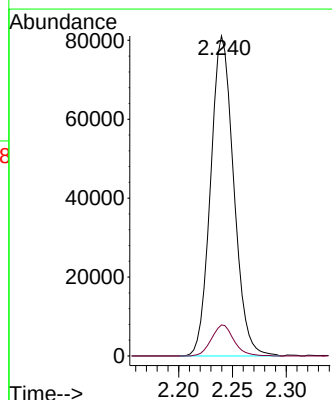
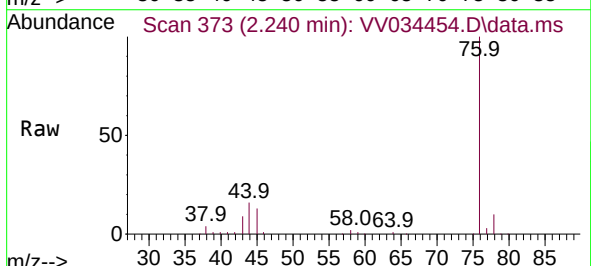
Acq: 27 Feb 2024 17:10

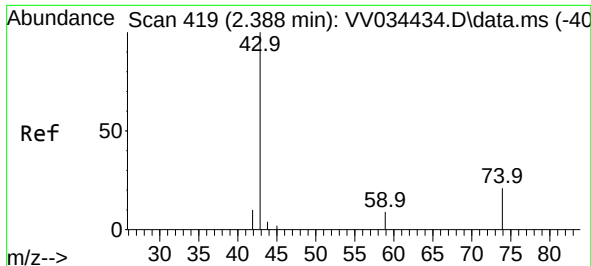
Tgt Ion: 76 Resp: 121207

Ion Ratio Lower Upper

76 100

78 9.7 7.0 10.4

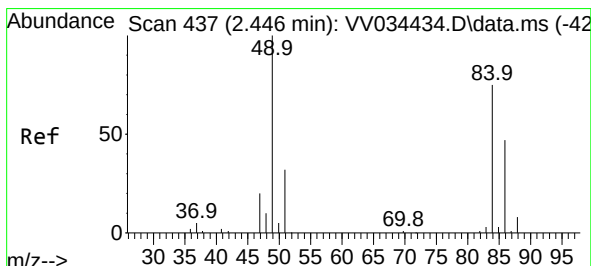
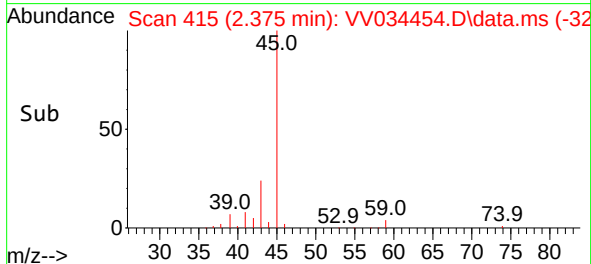
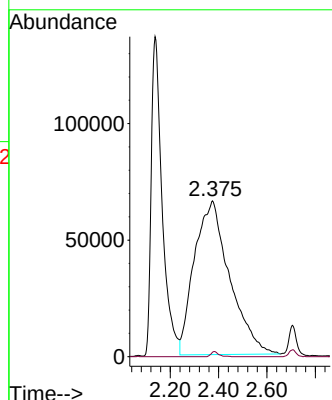
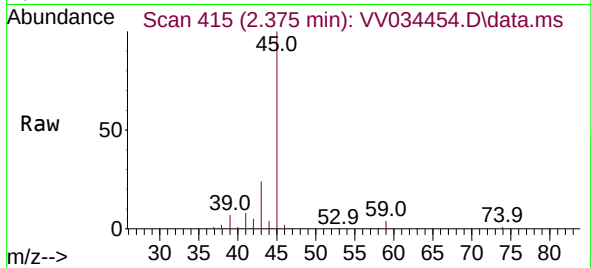




#15
Methyl Acetate
Concen: 188.070 ug/L
RT: 2.375 min Scan# 419
Delta R.T. -0.013 min
Lab File: VV034454.D
Acq: 27 Feb 2024 17:10

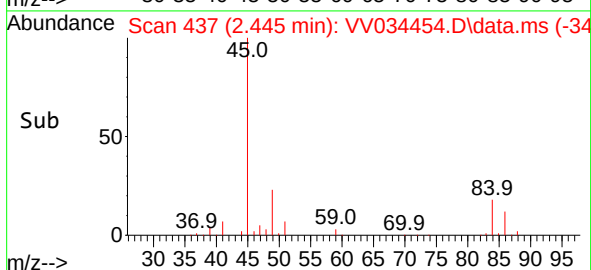
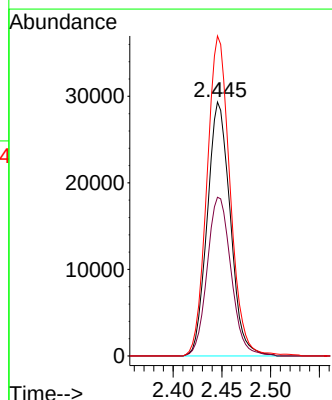
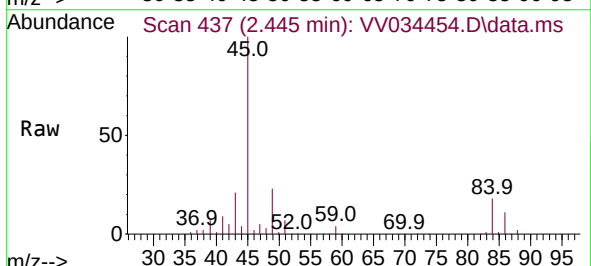
Instrument :
MSVOA_V
ClientSampleId :

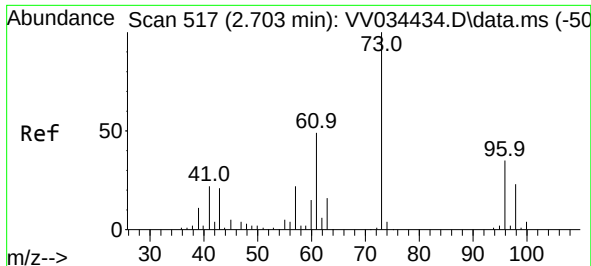
Tgt Ion: 43 Resp: 668834
Ion Ratio Lower Upper
43 100
74 0.7 18.6 28.0#



#16
Methylene chloride
Concen: 5.016 ug/L
RT: 2.445 min Scan# 437
Delta R.T. -0.000 min
Lab File: VV034454.D
Acq: 27 Feb 2024 17:10

Tgt Ion: 84 Resp: 48187
Ion Ratio Lower Upper
84 100
86 62.5 43.8 81.4
49 126.0 87.6 162.8

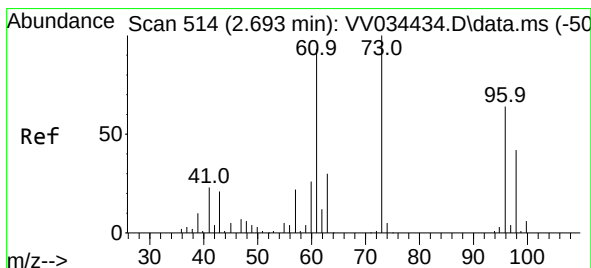
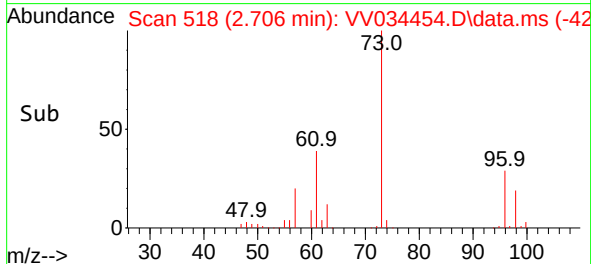
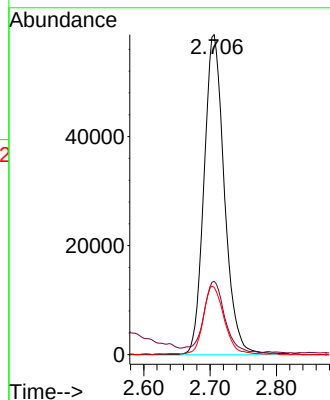
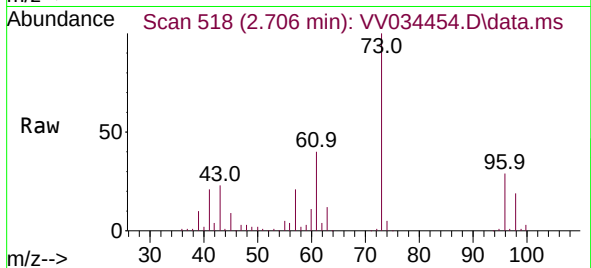




#17
Methyl tert-butyl Ether
Concen: 5.720 ug/L
RT: 2.706 min Scan# 517
Delta R.T. 0.003 min
Lab File: VV034454.D
Acq: 27 Feb 2024 17:10

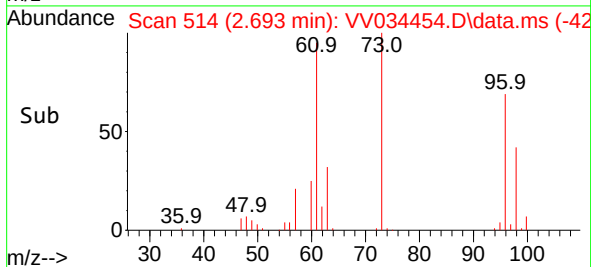
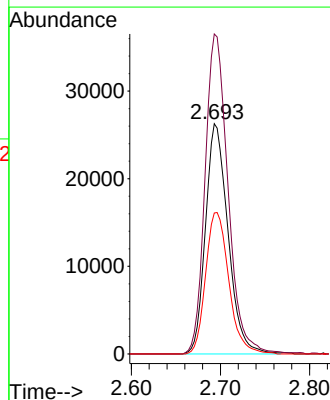
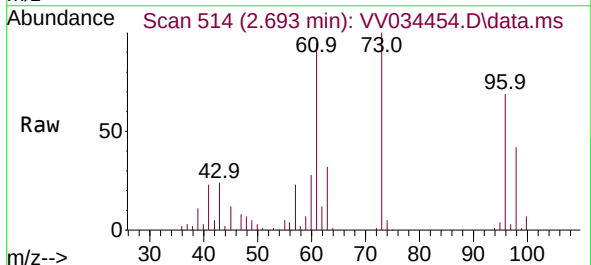
Instrument :
MSVOA_V
ClientSampleId :

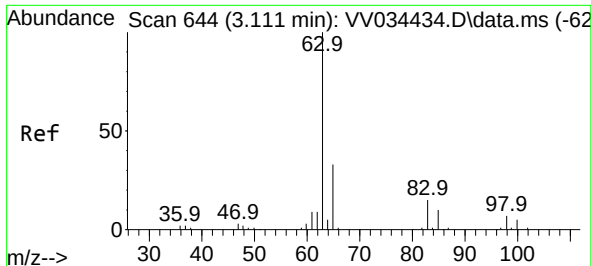
Tgt Ion: 73 Resp: 125082
Ion Ratio Lower Upper
73 100
43 23.3 18.0 27.0
57 21.2 17.0 25.6



#18
trans-1,2-Dichloroethene
Concen: 5.404 ug/L
RT: 2.693 min Scan# 514
Delta R.T. -0.000 min
Lab File: VV034454.D
Acq: 27 Feb 2024 17:10

Tgt Ion: 96 Resp: 46230
Ion Ratio Lower Upper
96 100
61 139.0 101.3 188.1
98 61.2 43.5 80.7





#19

1,1-Dichloroethane

Concen: 5.407 ug/L

RT: 3.114 min Scan# 64

Delta R.T. 0.003 min

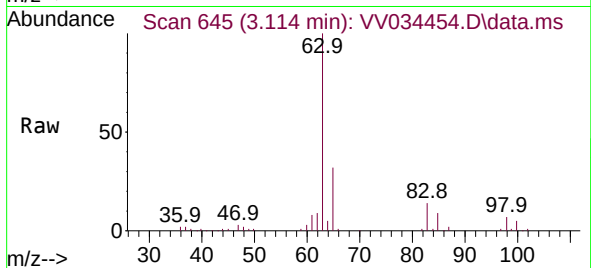
Lab File: VV034454.D

Acq: 27 Feb 2024 17:10

Instrument :

MSVOA_V

ClientSampleId :



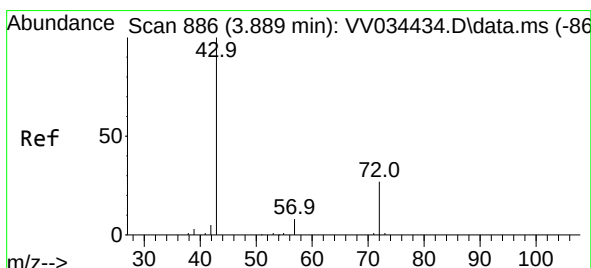
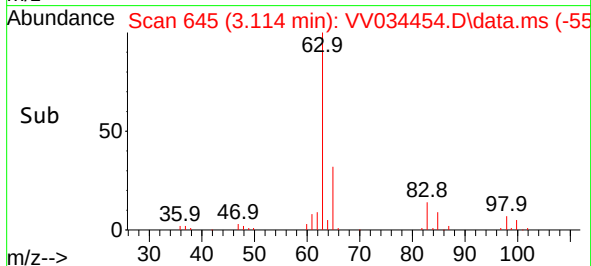
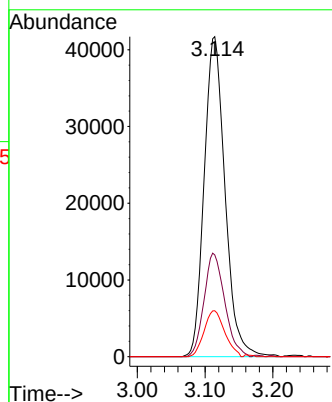
Tgt Ion: 63 Resp: 89009

Ion Ratio Lower Upper

63 100

65 31.8 22.0 41.0

83 14.4 10.1 18.9



#21

2-Butanone

Concen: 70.001 ug/L

RT: 3.889 min Scan# 886

Delta R.T. -0.000 min

Lab File: VV034454.D

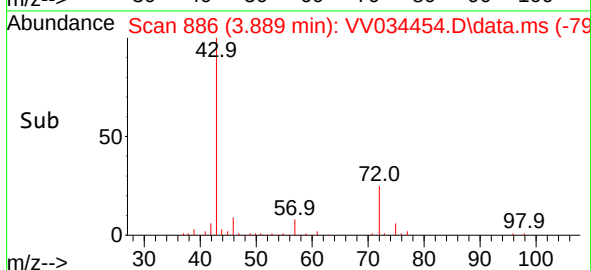
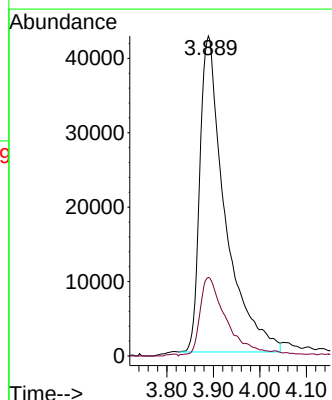
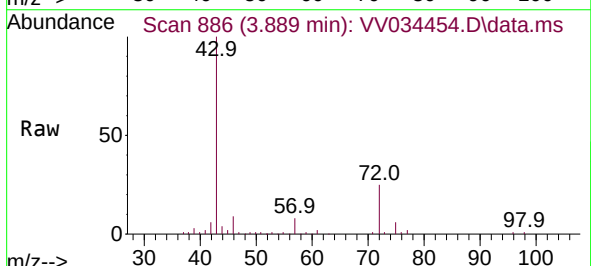
Acq: 27 Feb 2024 17:10

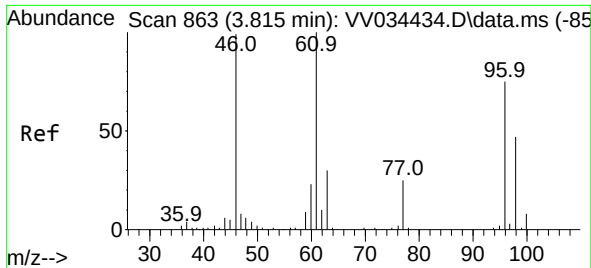
Tgt Ion: 43 Resp: 159326

Ion Ratio Lower Upper

43 100

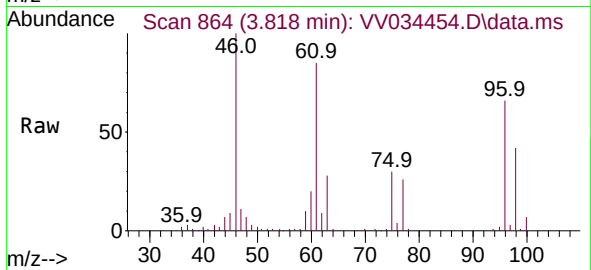
72 26.2 12.4 37.0



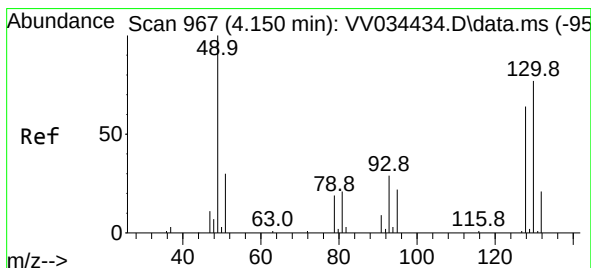
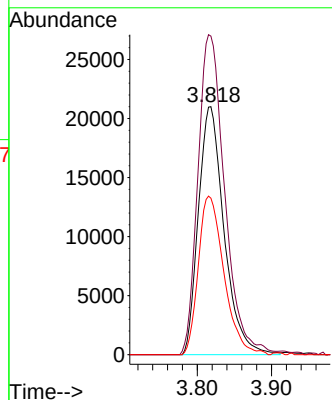
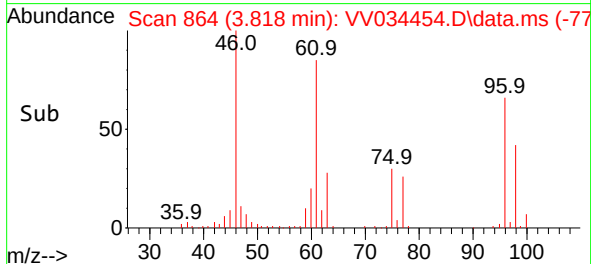


#22
 cis-1,2-Dichloroethene
 Concen: 5.374 ug/L
 RT: 3.818 min Scan# 863
 Delta R.T. 0.003 min
 Lab File: VV034454.D
 Acq: 27 Feb 2024 17:10

Instrument :
 MSVOA_V
 ClientSampleId :

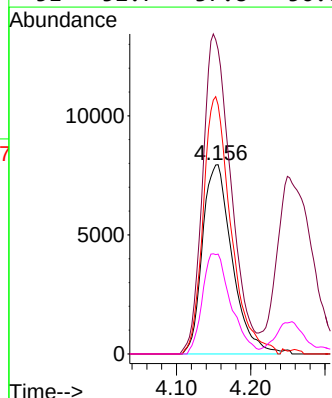
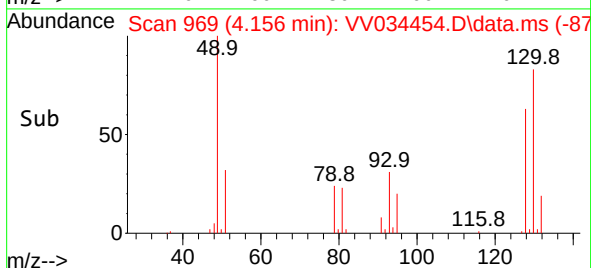
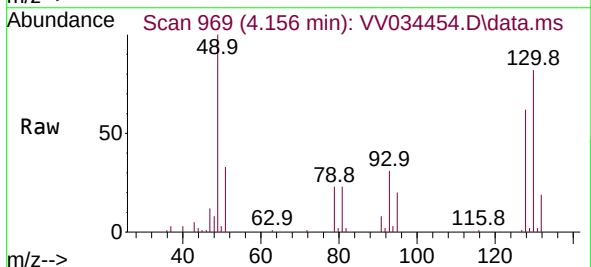


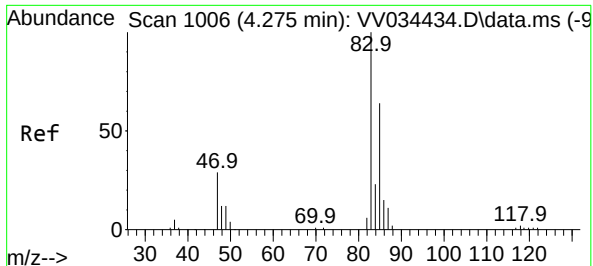
Tgt Ion: 96 Resp: 50550
 Ion Ratio Lower Upper
 96 100
 61 128.4 89.7 166.5
 98 63.1 42.0 78.0



#23
 Bromochloromethane
 Concen: 5.616 ug/L
 RT: 4.156 min Scan# 969
 Delta R.T. 0.006 min
 Lab File: VV034454.D
 Acq: 27 Feb 2024 17:10

Tgt Ion: 128 Resp: 22018
 Ion Ratio Lower Upper
 128 100
 49 166.1 109.9 204.1
 130 131.5 87.7 162.9
 51 52.7 37.8 56.6





#25

Chloroform

Concen: 5.470 ug/L

RT: 4.278 min Scan# 1006

Delta R.T. 0.003 min

Lab File: VV034454.D

Acq: 27 Feb 2024 17:10

Instrument :

MSVOA_V

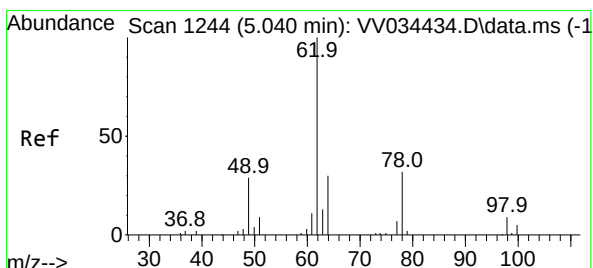
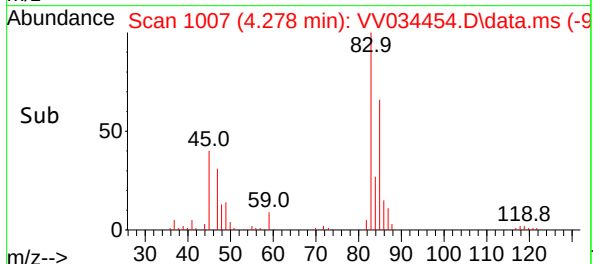
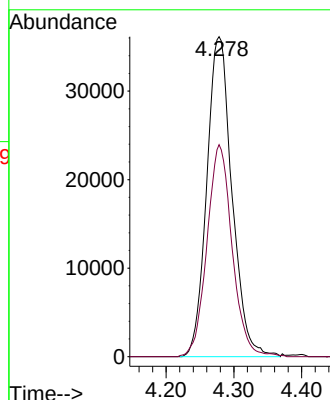
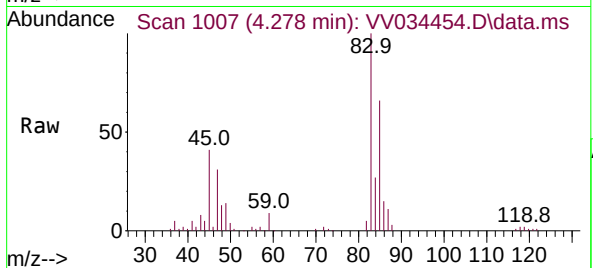
ClientSampleId :

Tgt Ion: 83 Resp: 93531

Ion Ratio Lower Upper

83 100

85 66.3 47.0 87.4



#27

1,2-Dichloroethane

Concen: 5.814 ug/L

RT: 5.047 min Scan# 1246

Delta R.T. 0.006 min

Lab File: VV034454.D

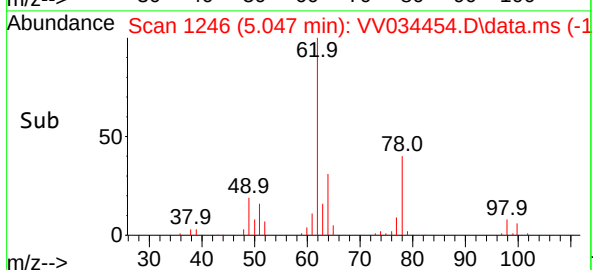
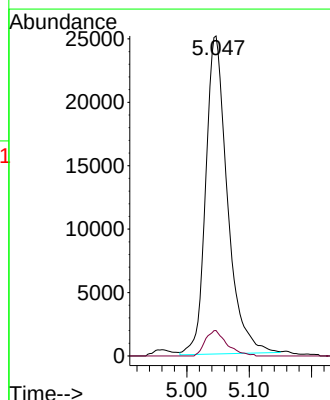
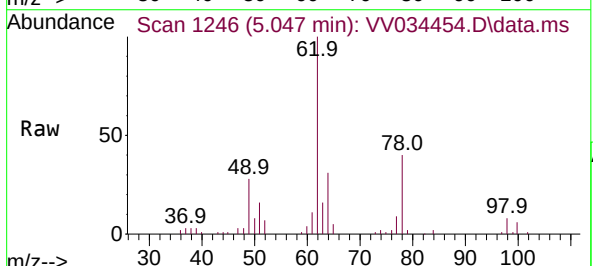
Acq: 27 Feb 2024 17:10

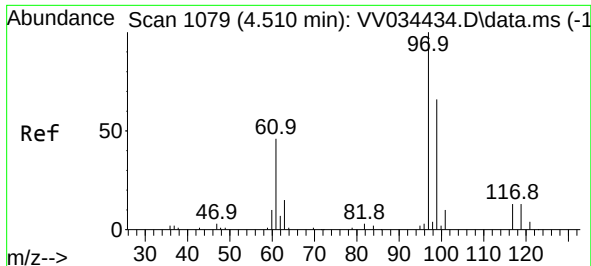
Tgt Ion: 62 Resp: 60665

Ion Ratio Lower Upper

62 100

98 7.9 7.0 10.6





#29

1,1,1-Trichloroethane

Concen: 5.191 ug/L

RT: 4.513 min Scan# 1100

Delta R.T. 0.003 min

Lab File: VV034454.D

Acq: 27 Feb 2024 17:10

Instrument :

MSVOA_V

ClientSampleId :

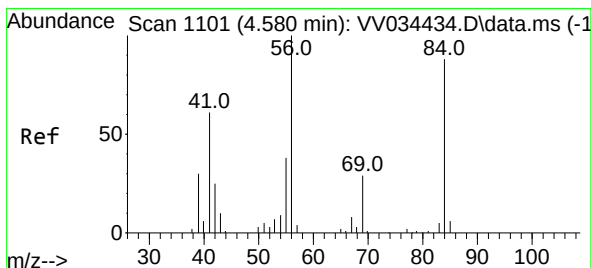
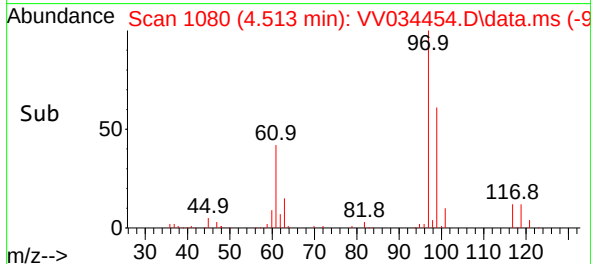
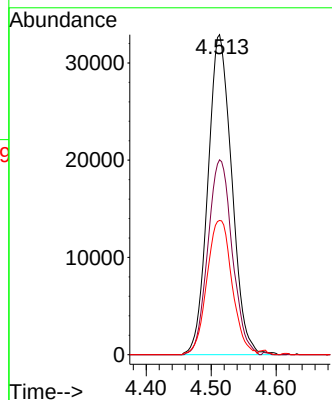
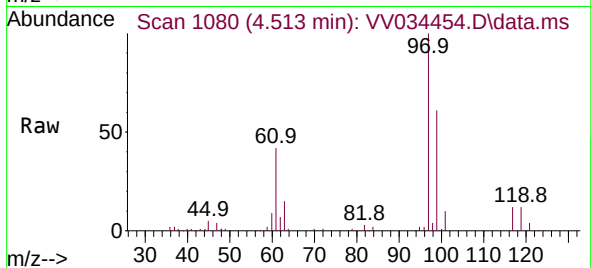
Tgt Ion: 97 Resp: 84065

Ion Ratio Lower Upper

97 100

99 62.1 51.2 76.8

61 44.2 36.1 54.1



#30

Cyclohexane

Concen: 5.164 ug/L

RT: 4.584 min Scan# 1102

Delta R.T. 0.003 min

Lab File: VV034454.D

Acq: 27 Feb 2024 17:10

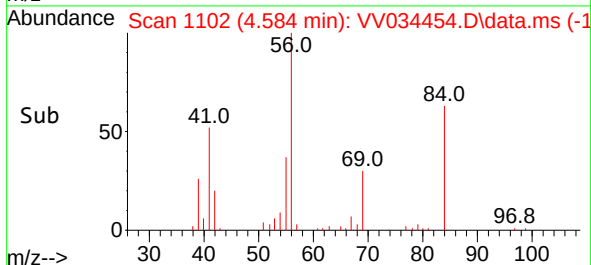
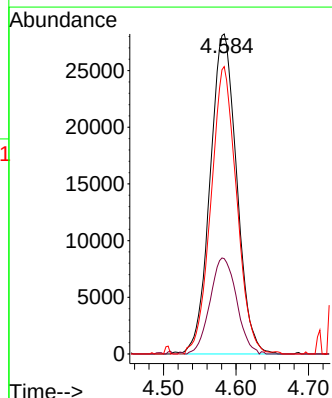
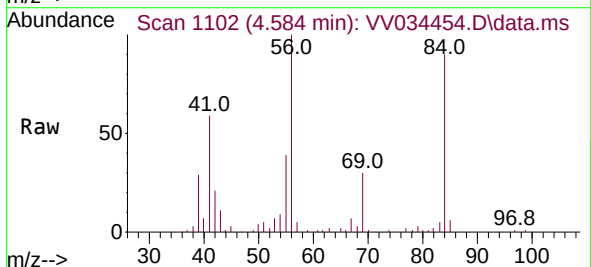
Tgt Ion: 56 Resp: 71926

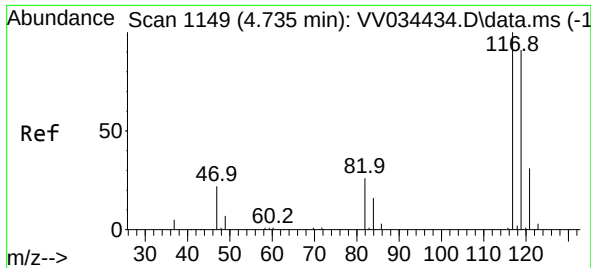
Ion Ratio Lower Upper

56 100

69 29.9 24.5 36.7

84 86.7 70.3 105.5

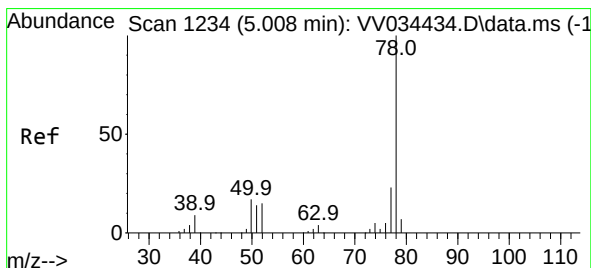
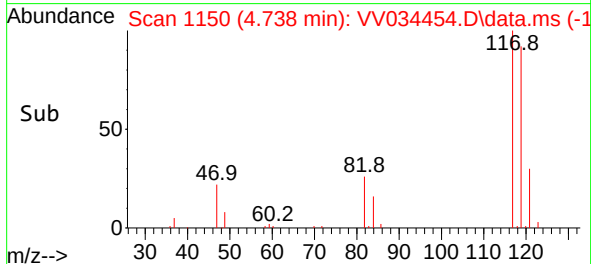
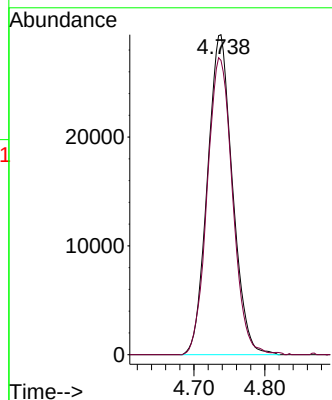
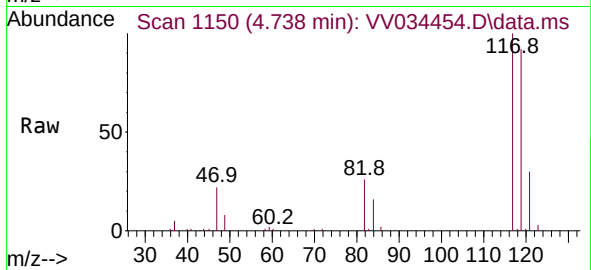




#31
Carbon tetrachloride
Concen: 5.143 ug/L
RT: 4.738 min Scan# 1149
Delta R.T. 0.003 min
Lab File: VV034454.D
Acq: 27 Feb 2024 17:10

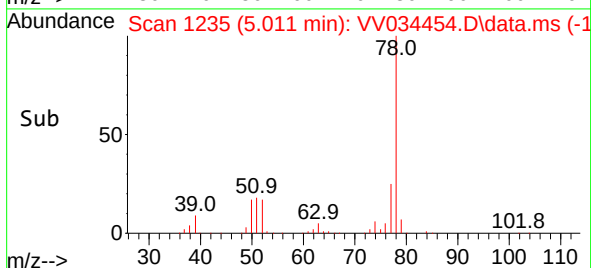
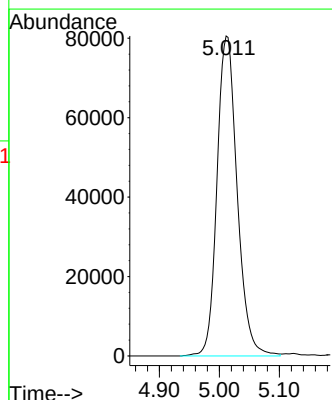
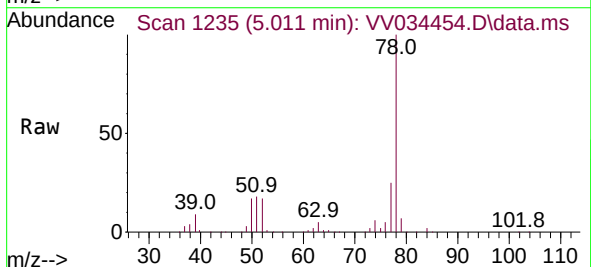
Instrument :
MSVOA_V
ClientSampleId :

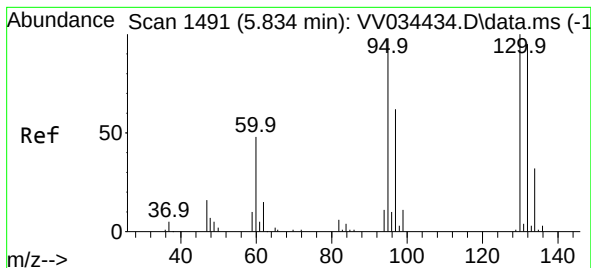
Tgt Ion:117 Resp: 72283
Ion Ratio Lower Upper
117 100
119 93.6 77.0 115.6



#33
Benzene
Concen: 5.243 ug/L
RT: 5.011 min Scan# 1235
Delta R.T. 0.003 min
Lab File: VV034454.D
Acq: 27 Feb 2024 17:10

Tgt Ion: 78 Resp: 187847





#34

Trichloroethene

Concen: 7.320 ug/L

RT: 5.834 min Scan# 1491

Delta R.T. -0.000 min

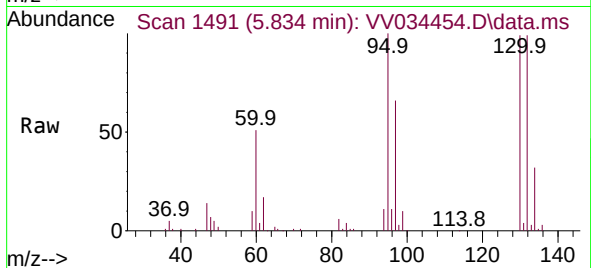
Lab File: VV034454.D

Acq: 27 Feb 2024 17:10

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 95 Resp: 68489

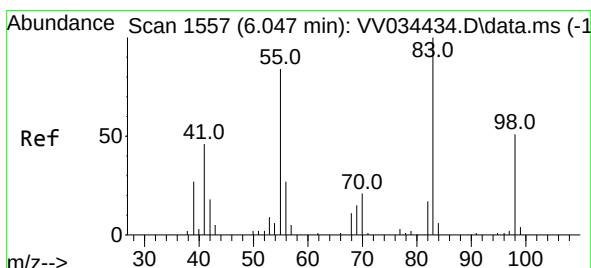
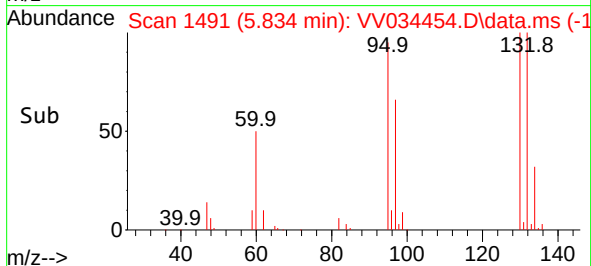
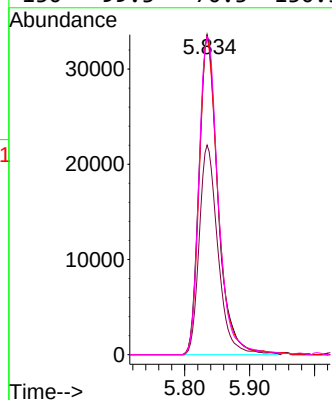
Ion Ratio Lower Upper

95 100

97 65.5 43.3 80.5

132 99.4 67.8 126.0

130 99.3 70.3 130.5



#35

Methylcyclohexane

Concen: 5.019 ug/L

RT: 6.050 min Scan# 1558

Delta R.T. 0.003 min

Lab File: VV034454.D

Acq: 27 Feb 2024 17:10

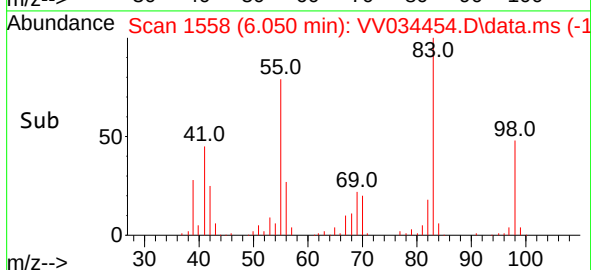
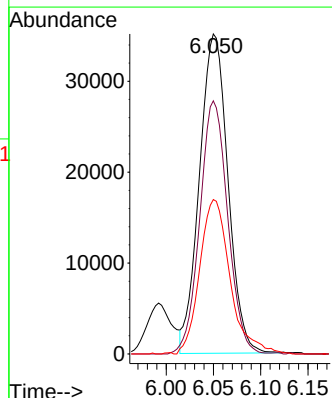
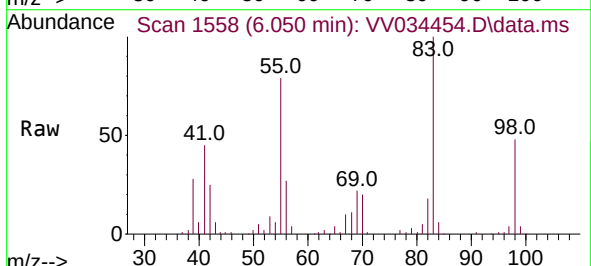
Tgt Ion: 83 Resp: 73719

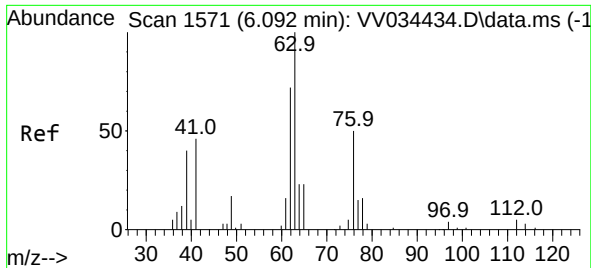
Ion Ratio Lower Upper

83 100

55 77.7 61.9 92.9

98 51.7 38.1 57.1

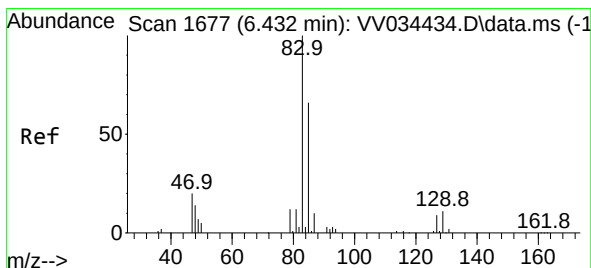
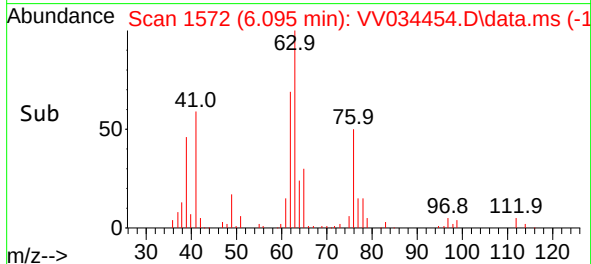
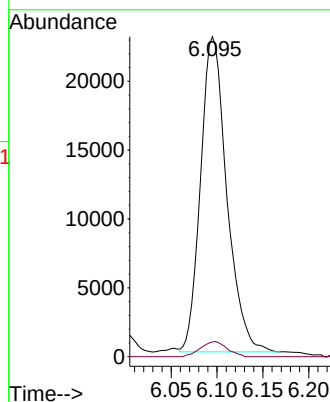
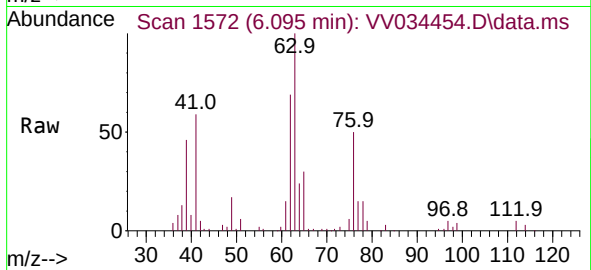




#37
1,2-Dichloropropane
Concen: 5.148 ug/L
RT: 6.095 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV034454.D
Acq: 27 Feb 2024 17:10

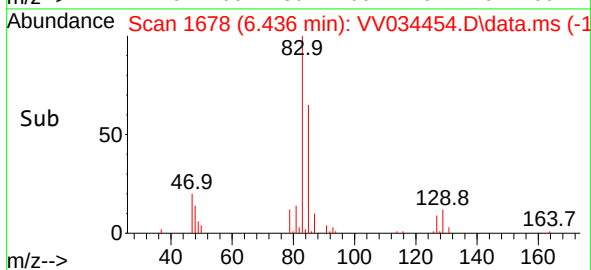
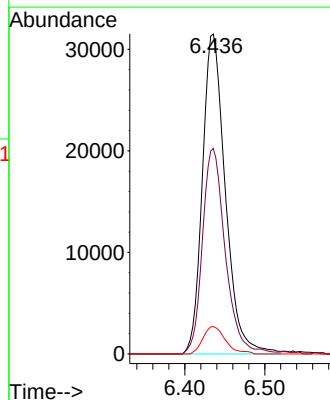
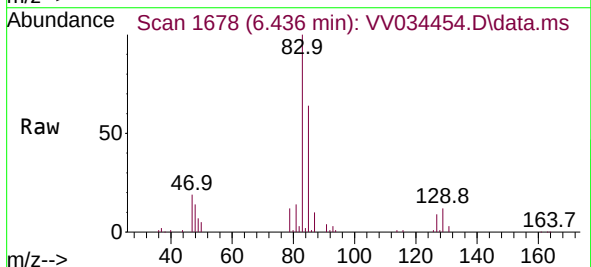
Instrument :
MSVOA_V
ClientSampleId :

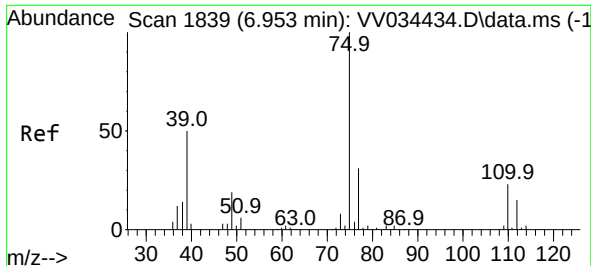
Tgt Ion: 63 Resp: 45591
Ion Ratio Lower Upper
63 100
112 4.8 3.4 5.0



#38
Bromodichloromethane
Concen: 5.221 ug/L
RT: 6.436 min Scan# 1678
Delta R.T. 0.003 min
Lab File: VV034454.D
Acq: 27 Feb 2024 17:10

Tgt Ion: 83 Resp: 63019
Ion Ratio Lower Upper
83 100
85 64.2 45.4 84.2
127 8.6 6.8 10.2





#39

cis-1,3-Dichloropropene

Concen: 5.361 ug/L

RT: 6.957 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV034454.D

Acq: 27 Feb 2024 17:10

Instrument :

MSVOA_V

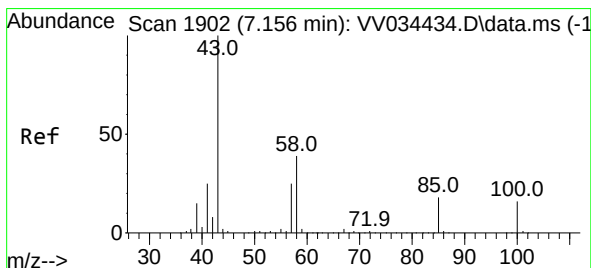
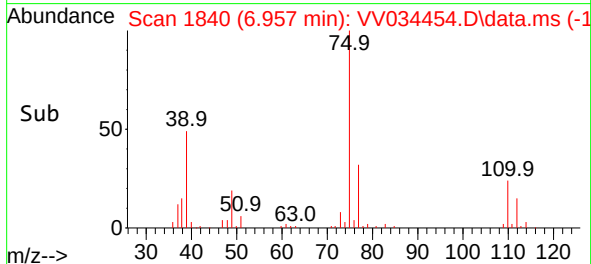
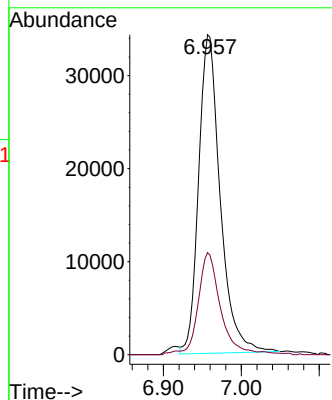
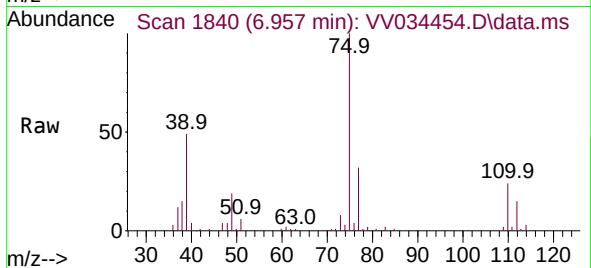
ClientSampleId :

Tgt Ion: 75 Resp: 65796

Ion Ratio Lower Upper

75 100

77 31.9 21.5 39.9



#40

4-Methyl-2-pentanone

Concen: 59.166 ug/L

RT: 7.159 min Scan# 1903

Delta R.T. 0.003 min

Lab File: VV034454.D

Acq: 27 Feb 2024 17:10

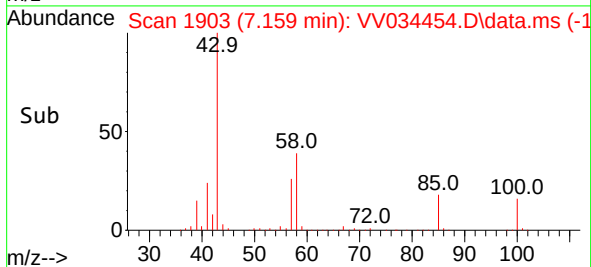
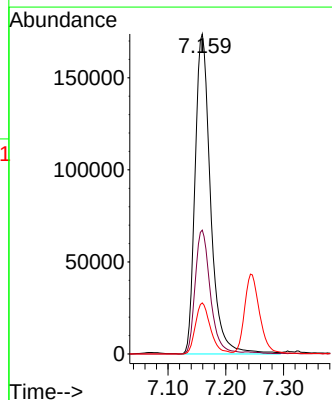
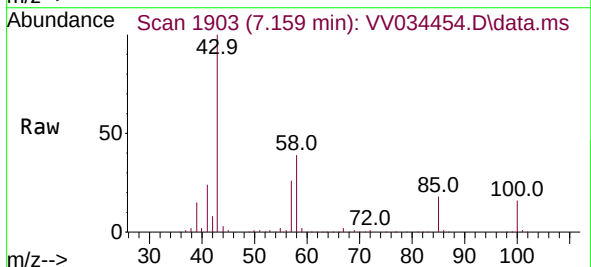
Tgt Ion: 43 Resp: 324159

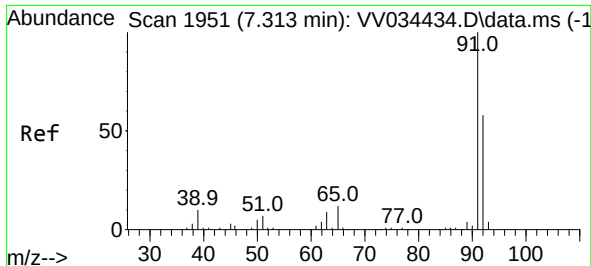
Ion Ratio Lower Upper

43 100

58 38.0 30.7 46.1

100 15.5 12.3 18.5





#42

Toluene

Concen: 5.378 ug/L

RT: 7.317 min Scan# 1951

Delta R.T. 0.003 min

Lab File: VV034454.D

Acq: 27 Feb 2024 17:10

Instrument :

MSVOA_V

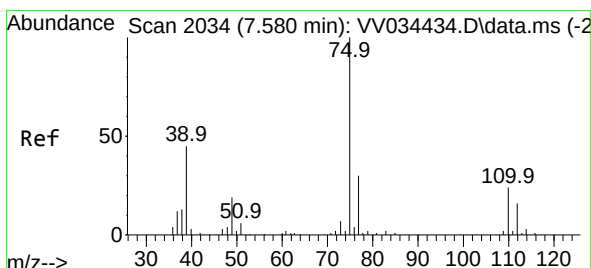
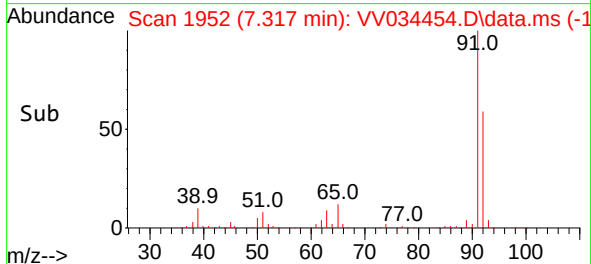
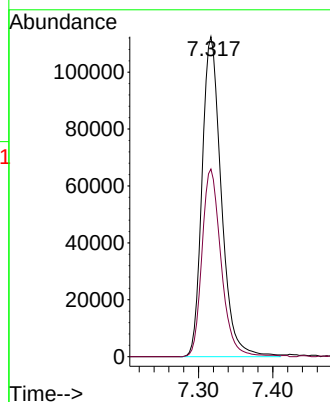
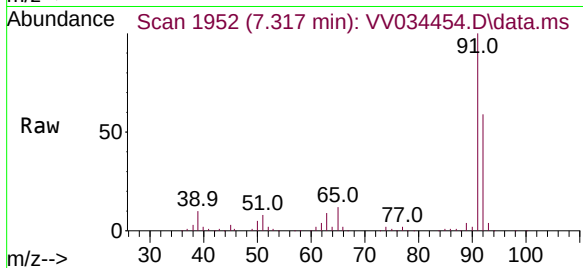
ClientSampleId :

Tgt Ion: 91 Resp: 202439

Ion Ratio Lower Upper

91 100

92 58.7 40.5 75.3



#44

trans-1,3-Dichloropropene

Concen: 5.835 ug/L

RT: 7.584 min Scan# 2035

Delta R.T. 0.003 min

Lab File: VV034454.D

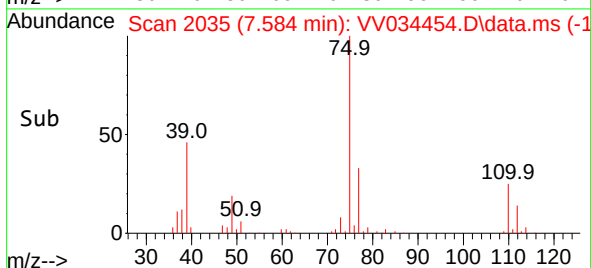
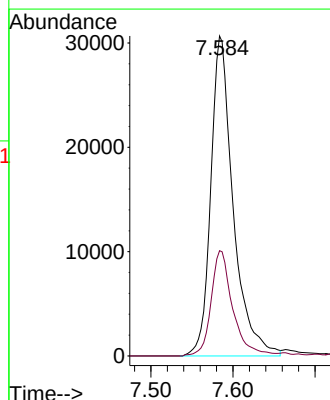
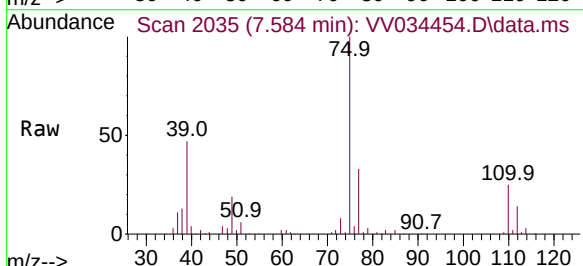
Acq: 27 Feb 2024 17:10

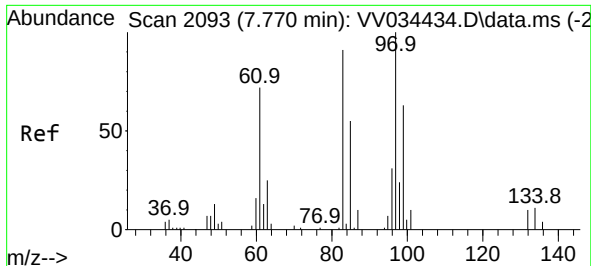
Tgt Ion: 75 Resp: 58165

Ion Ratio Lower Upper

75 100

77 32.9 22.7 42.1

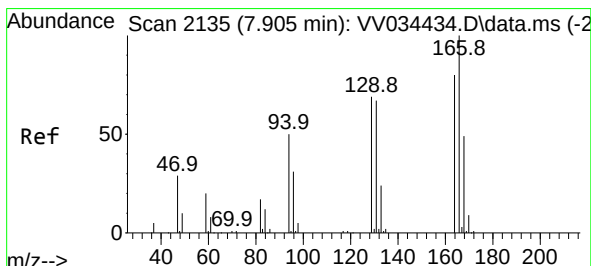
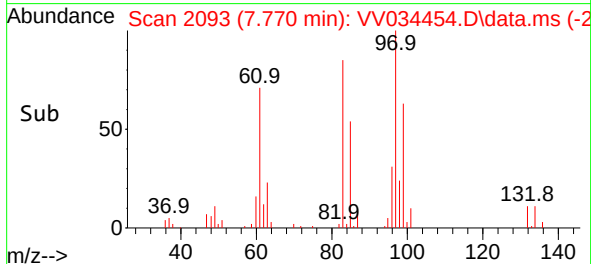
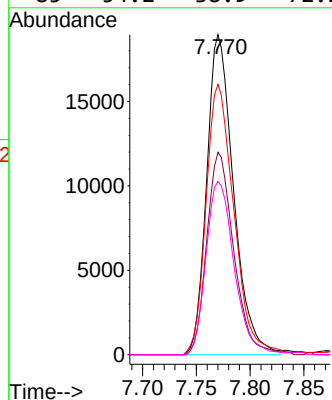
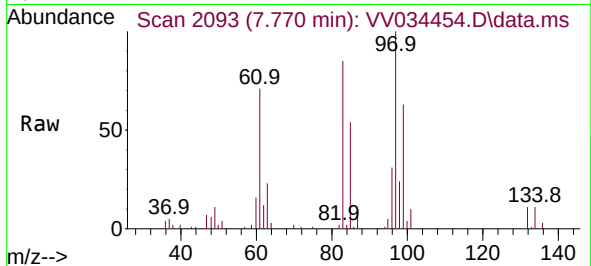




#45
1,1,2-Trichloroethane
Concen: 5.457 ug/L
RT: 7.770 min Scan# 2093
Delta R.T. -0.000 min
Lab File: VV034454.D
Acq: 27 Feb 2024 17:10

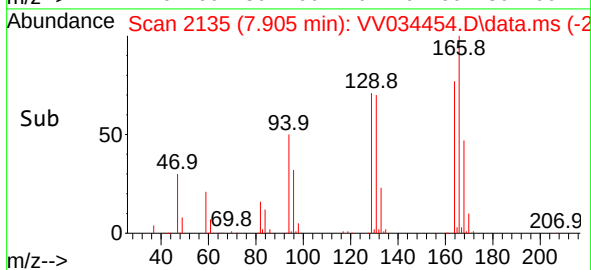
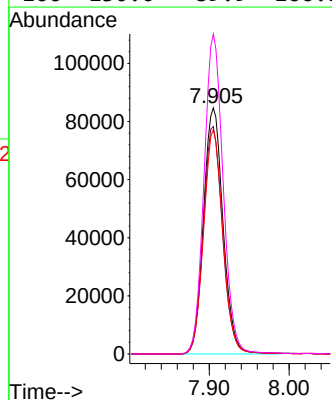
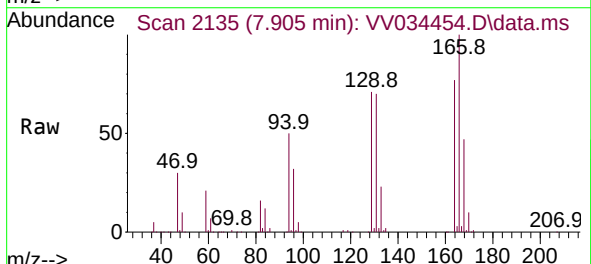
Instrument :
MSVOA_V
ClientSampleId :

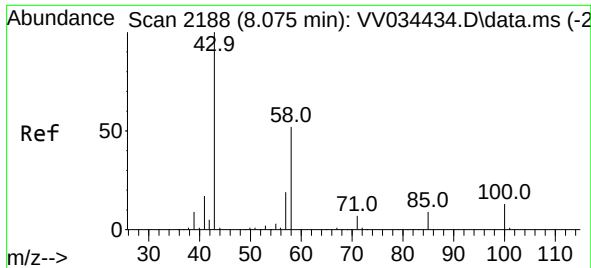
Tgt Ion:	97	Resp:	32876
Ion	Ratio	Lower	Upper
97	100		
99	63.3	43.3	80.5
83	84.5	57.9	107.5
85	54.2	38.9	72.2



#47
Tetrachloroethene
Concen: 19.594 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. -0.000 min
Lab File: VV034454.D
Acq: 27 Feb 2024 17:10

Tgt Ion:	164	Resp:	143819
Ion	Ratio	Lower	Upper
164	100		
129	92.4	64.2	119.2
131	91.2	65.9	122.3
166	130.0	89.9	166.9



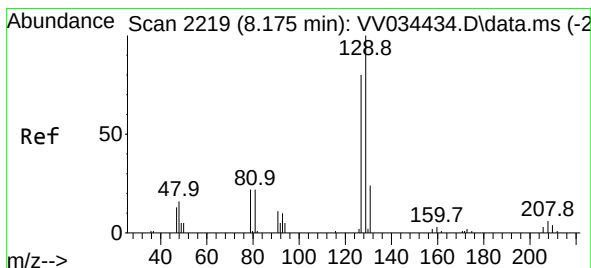
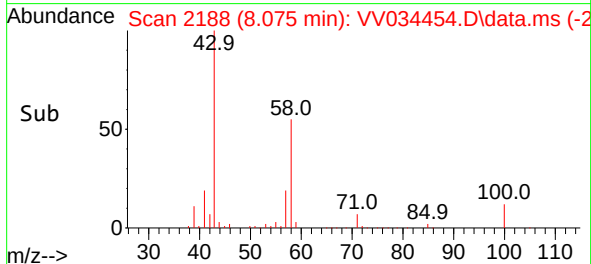
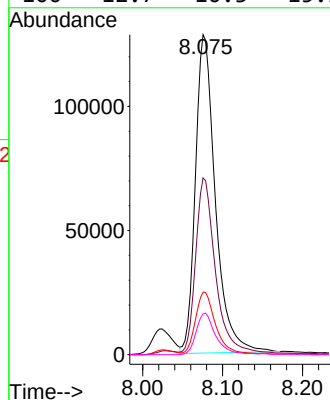
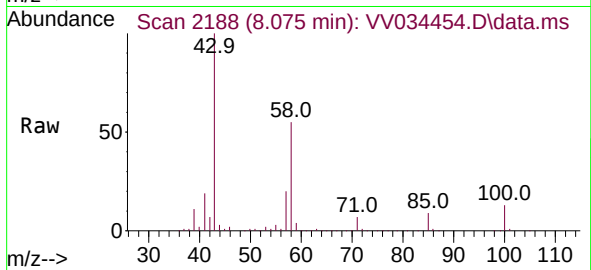


#48
2-Hexanone
Concen: 57.214 ug/L
RT: 8.075 min Scan# 2188
Delta R.T. -0.000 min
Lab File: VV034454.D
Acq: 27 Feb 2024 17:10

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 223261

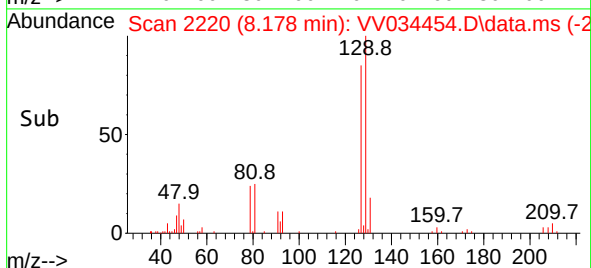
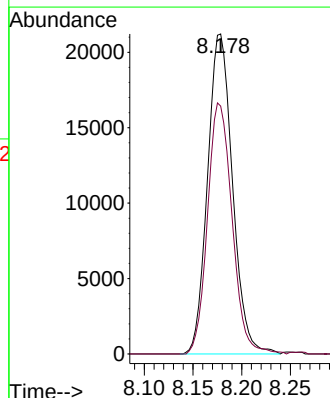
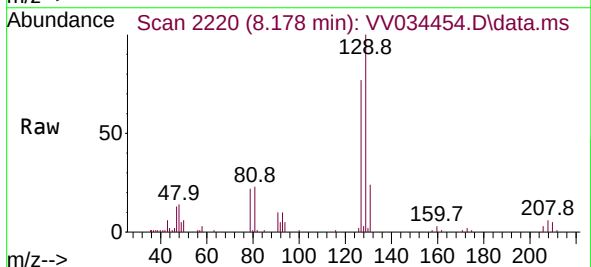
Ion	Ratio	Lower	Upper
43	100		
58	55.6	43.4	65.0
57	19.2	15.5	23.3
100	12.7	10.3	15.5

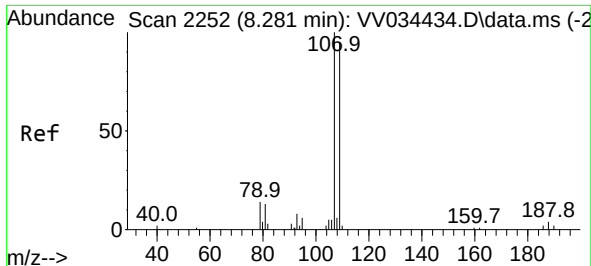


#49
Dibromochloromethane
Concen: 5.397 ug/L
RT: 8.178 min Scan# 2220
Delta R.T. 0.003 min
Lab File: VV034454.D
Acq: 27 Feb 2024 17:10

Tgt Ion: 129 Resp: 37849

Ion	Ratio	Lower	Upper
129	100		
127	77.5	54.0	100.4





#50

1,2-Dibromoethane

Concen: 5.650 ug/L

RT: 8.284 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV034454.D

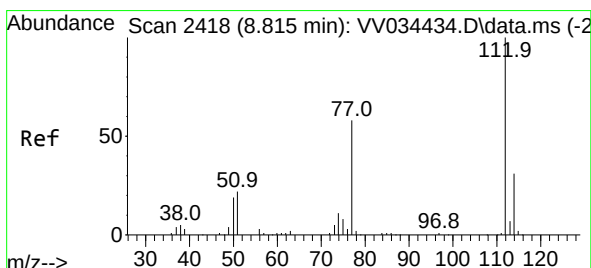
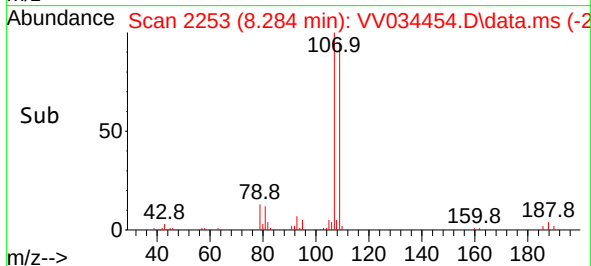
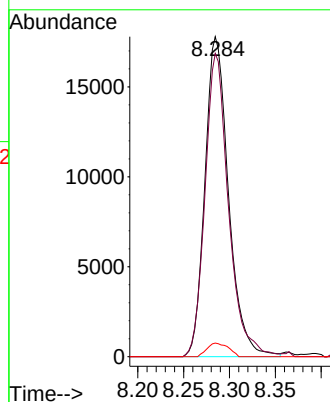
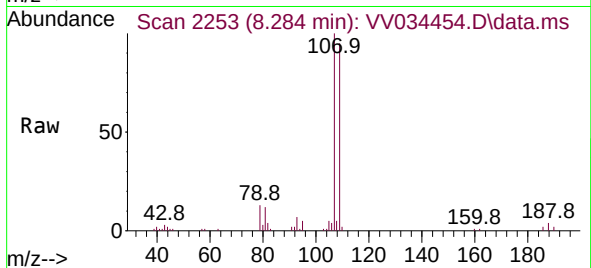
Acq: 27 Feb 2024 17:10

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:107	Resp:	31836
Ion Ratio	Lower	Upper
107	100	
109	94.7	63.8 118.4
188	4.3	3.1 4.7



#51

Chlorobenzene

Concen: 5.277 ug/L

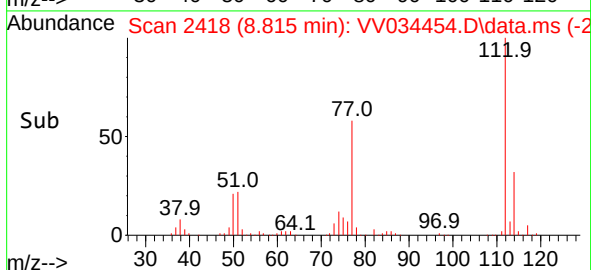
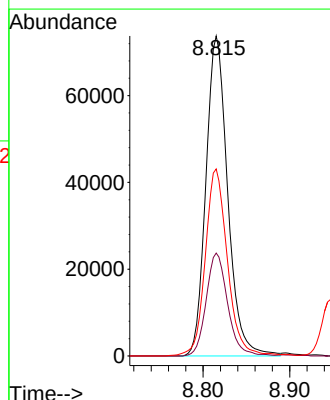
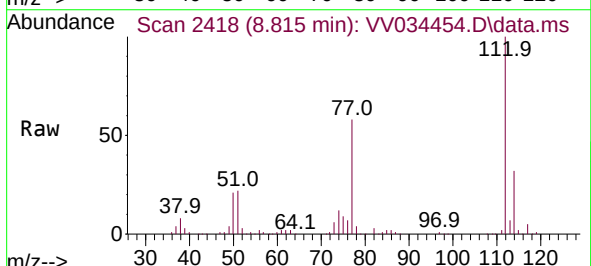
RT: 8.815 min Scan# 2418

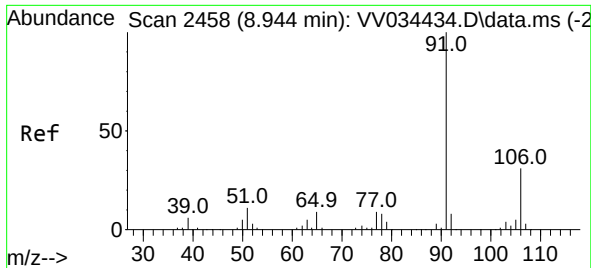
Delta R.T. -0.000 min

Lab File: VV034454.D

Acq: 27 Feb 2024 17:10

Tgt Ion:112	Resp:	129046
Ion Ratio	Lower	Upper
112	100	
114	32.2	22.5 41.9
77	58.4	45.4 68.2

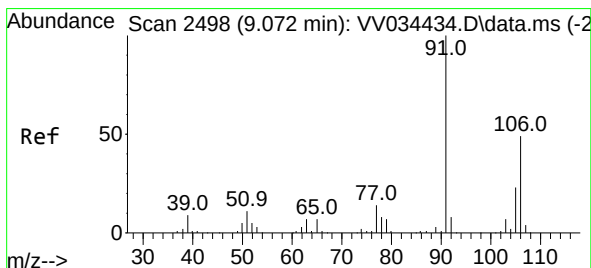
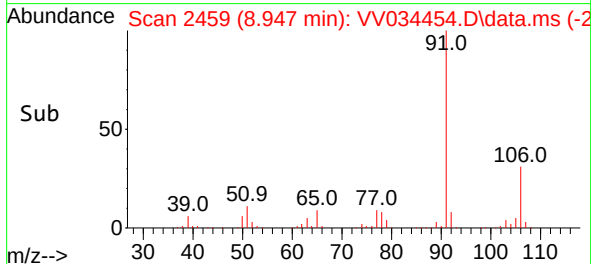
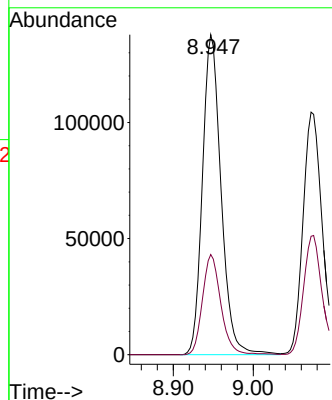
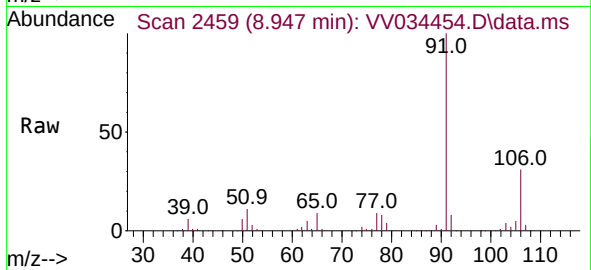




#52
Ethylbenzene
Concen: 5.275 ug/L
RT: 8.947 min Scan# 2458
Delta R.T. 0.003 min
Lab File: VV034454.D
Acq: 27 Feb 2024 17:10

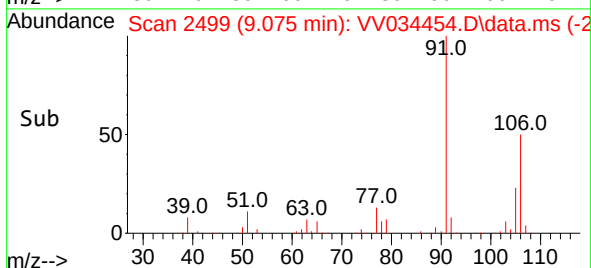
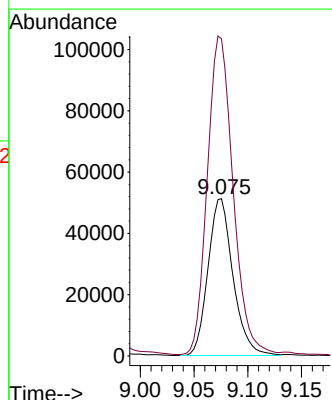
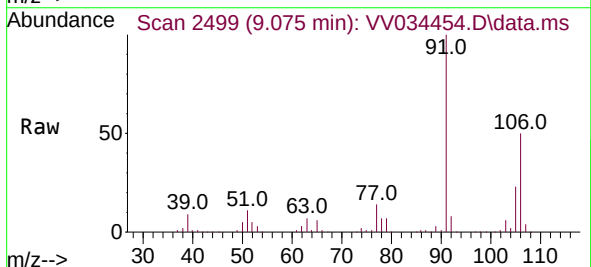
Instrument :
MSVOA_V
ClientSampleId :

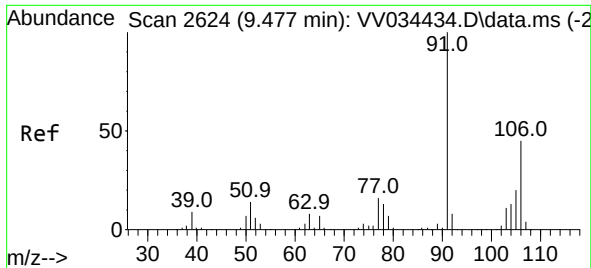
Tgt Ion: 91 Resp: 223638
Ion Ratio Lower Upper
91 100
106 31.3 21.4 39.8



#53
m,p-Xylene
Concen: 5.254 ug/L
RT: 9.075 min Scan# 2499
Delta R.T. 0.003 min
Lab File: VV034454.D
Acq: 27 Feb 2024 17:10

Tgt Ion:106 Resp: 82788
Ion Ratio Lower Upper
106 100
91 201.6 148.5 275.9

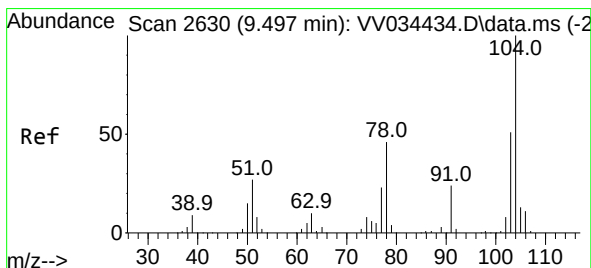
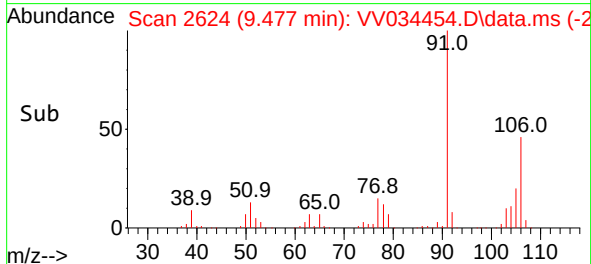
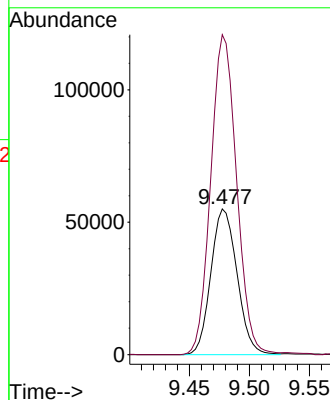
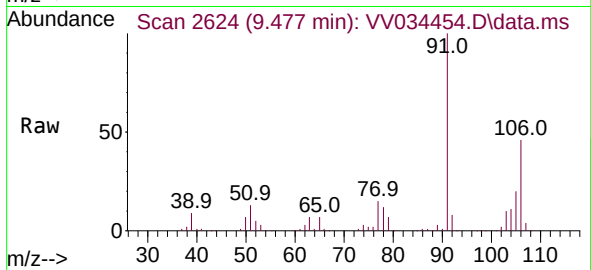




#54
o-Xylene
Concen: 5.307 ug/L
RT: 9.477 min Scan# 2624
Delta R.T. -0.000 min
Lab File: VV034454.D
Acq: 27 Feb 2024 17:10

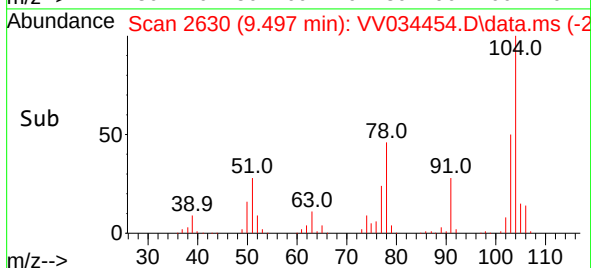
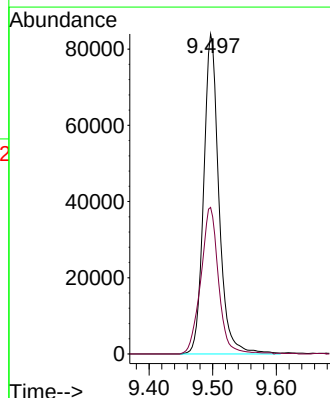
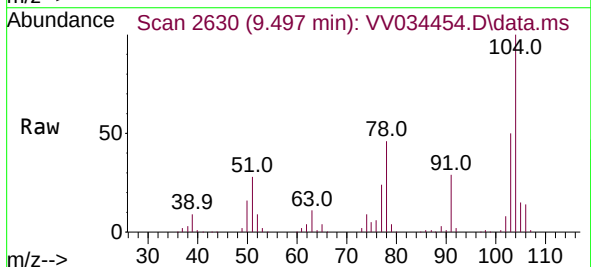
Instrument : MSVOA_V
ClientSampleId :

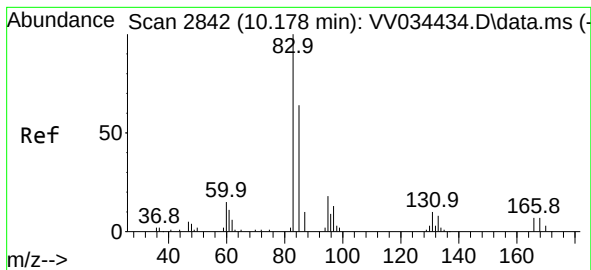
Tgt Ion:106 Resp: 83487
Ion Ratio Lower Upper
106 100
91 219.5 155.8 289.3



#55
Styrene
Concen: 5.535 ug/L
RT: 9.497 min Scan# 2630
Delta R.T. -0.000 min
Lab File: VV034454.D
Acq: 27 Feb 2024 17:10

Tgt Ion:104 Resp: 140020
Ion Ratio Lower Upper
104 100
78 45.8 32.9 61.1

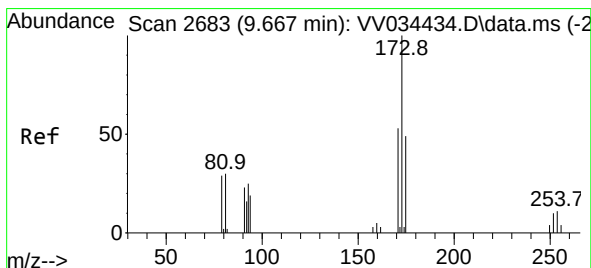
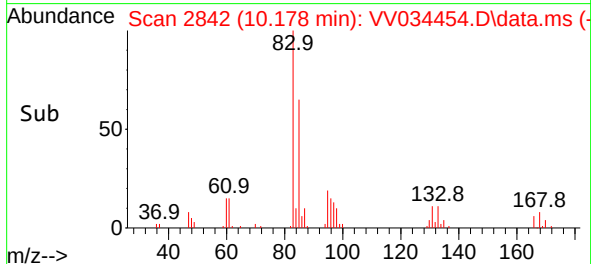
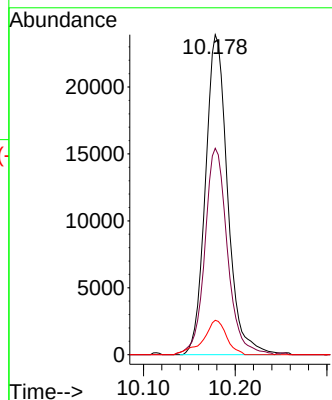
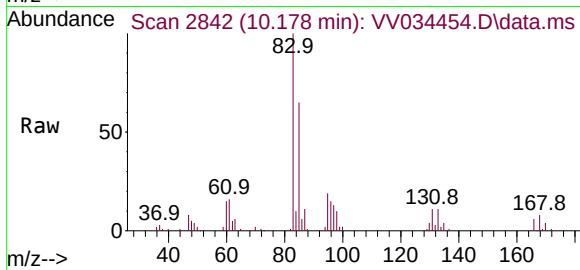




#57
1,1,2,2-Tetrachloroethane
Concen: 5.580 ug/L
RT: 10.178 min Scan# 2842
Delta R.T. -0.000 min
Lab File: VV034454.D
Acq: 27 Feb 2024 17:10

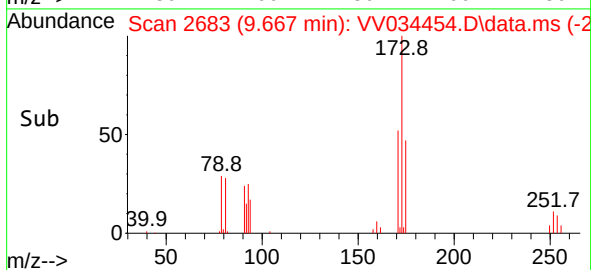
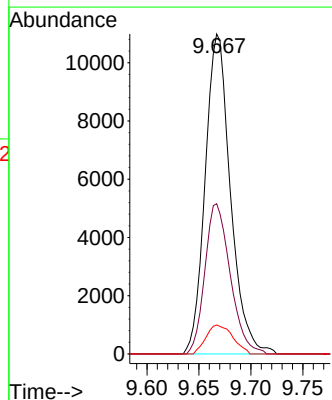
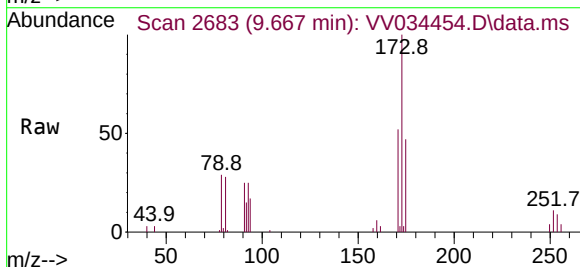
Instrument :
MSVOA_V
ClientSampleId :

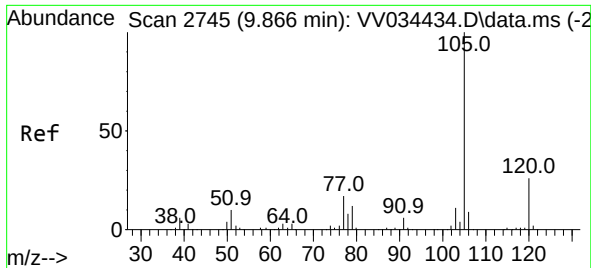
Tgt Ion: 83 Resp: 40209
Ion Ratio Lower Upper
83 100
85 64.5 46.7 86.7
131 10.8 8.6 12.8



#59
Bromoform
Concen: 5.275 ug/L
RT: 9.667 min Scan# 2683
Delta R.T. -0.000 min
Lab File: VV034454.D
Acq: 27 Feb 2024 17:10

Tgt Ion: 173 Resp: 18553
Ion Ratio Lower Upper
173 100
175 47.1 38.9 58.3
254 9.6 7.8 11.6

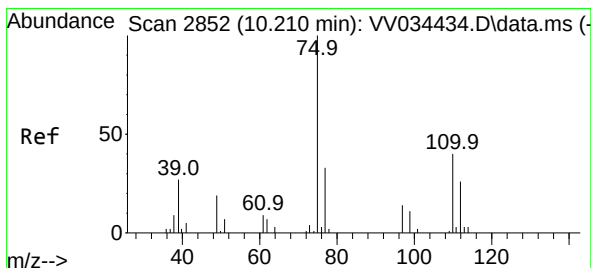
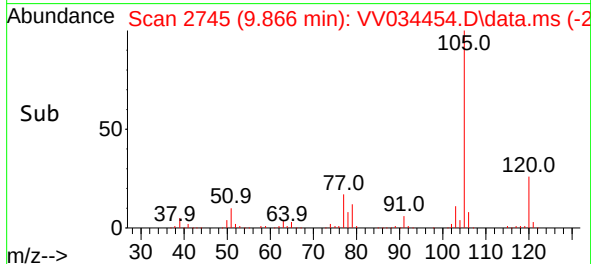
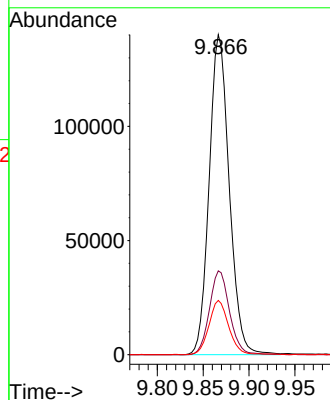
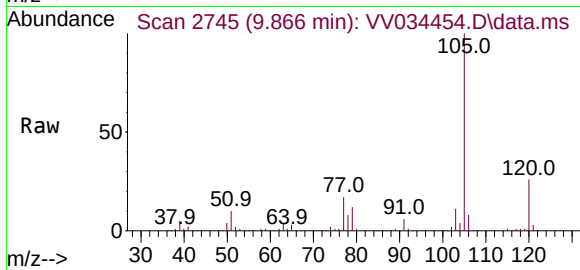




#60
Isopropylbenzene
Concen: 5.183 ug/L
RT: 9.866 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV034454.D
Acq: 27 Feb 2024 17:10

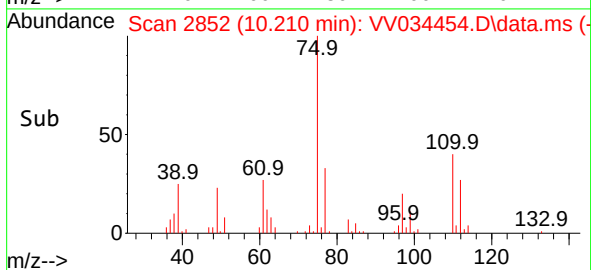
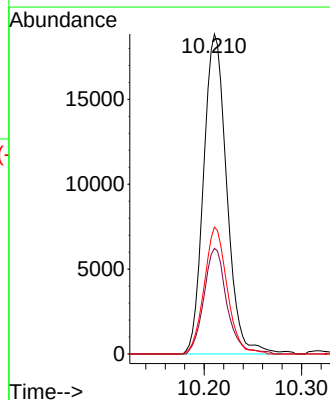
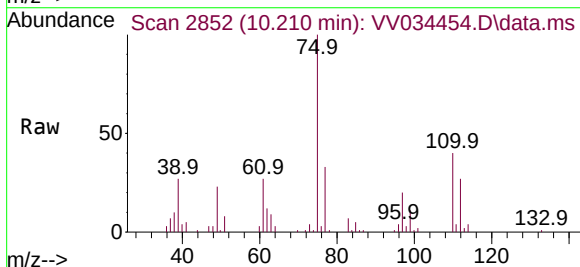
Instrument :
MSVOA_V
ClientSampleId :

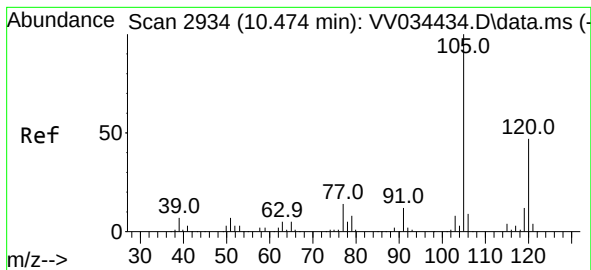
Tgt Ion:105 Resp: 213722
Ion Ratio Lower Upper
105 100
120 26.2 21.3 31.9
77 16.8 13.0 19.4



#61
1,2,3-Trichloropropane
Concen: 5.855 ug/L
RT: 10.210 min Scan# 2852
Delta R.T. -0.000 min
Lab File: VV034454.D
Acq: 27 Feb 2024 17:10

Tgt Ion: 75 Resp: 31123
Ion Ratio Lower Upper
75 100
77 32.7 27.7 41.5
110 39.3 32.0 48.0





#62

1,3,5-Trimethylbenzene

Concen: 5.181 ug/L

RT: 10.477 min Scan# 2934

Delta R.T. 0.003 min

Lab File: VV034454.D

Acq: 27 Feb 2024 17:10

Instrument :

MSVOA_V

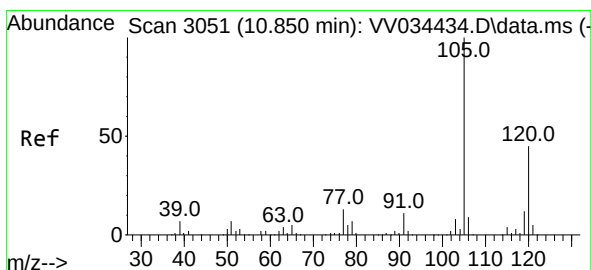
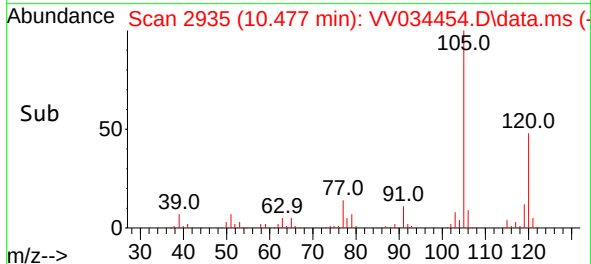
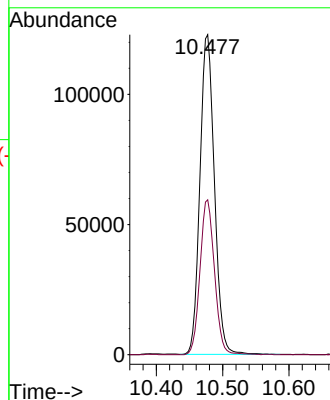
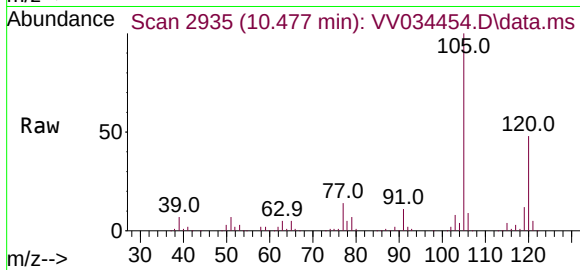
ClientSampleId :

Tgt Ion:105 Resp: 186463

Ion Ratio Lower Upper

105 100

120 48.5 38.7 58.1



#63

1,2,4-Trimethylbenzene

Concen: 5.163 ug/L

RT: 10.854 min Scan# 3052

Delta R.T. 0.003 min

Lab File: VV034454.D

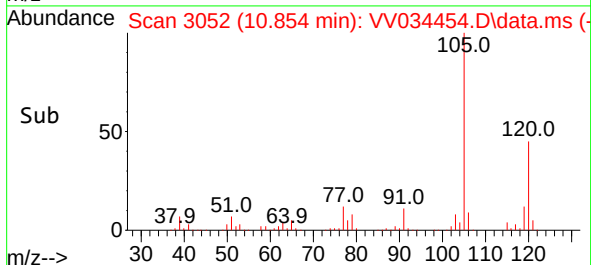
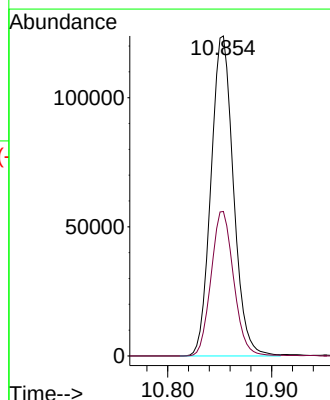
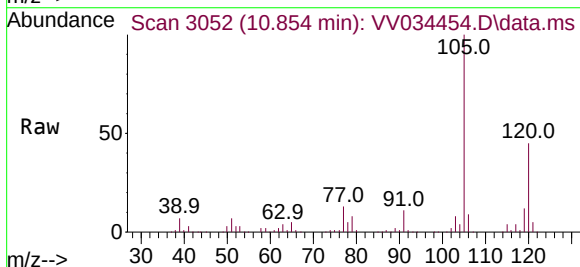
Acq: 27 Feb 2024 17:10

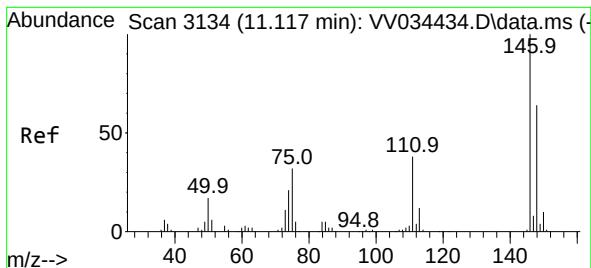
Tgt Ion:105 Resp: 186085

Ion Ratio Lower Upper

105 100

120 45.5 35.4 53.2





#64

1,3-Dichlorobenzene

Concen: 5.350 ug/L

RT: 11.117 min Scan# 3134

Delta R.T. -0.000 min

Lab File: VV034454.D

Acq: 27 Feb 2024 17:10

Instrument :

MSVOA_V

ClientSampleId :

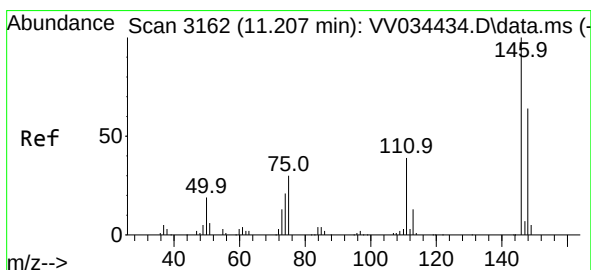
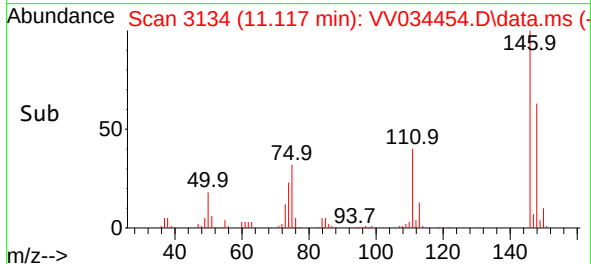
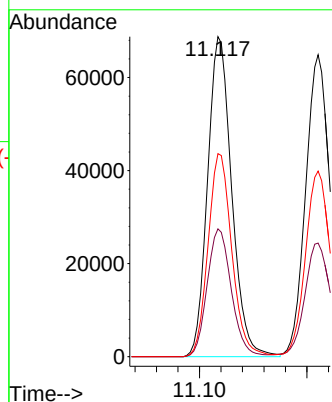
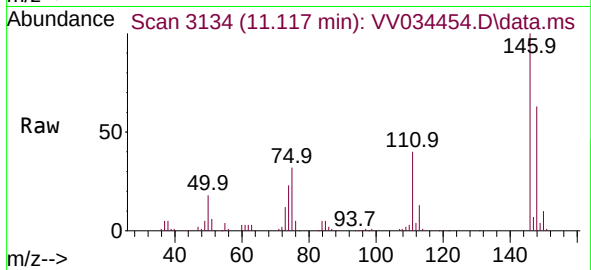
Tgt Ion:146 Resp: 107157

Ion Ratio Lower Upper

146 100

111 40.0 27.0 50.2

148 63.5 43.1 80.1



#65

1,4-Dichlorobenzene

Concen: 5.295 ug/L

RT: 11.210 min Scan# 3163

Delta R.T. 0.003 min

Lab File: VV034454.D

Acq: 27 Feb 2024 17:10

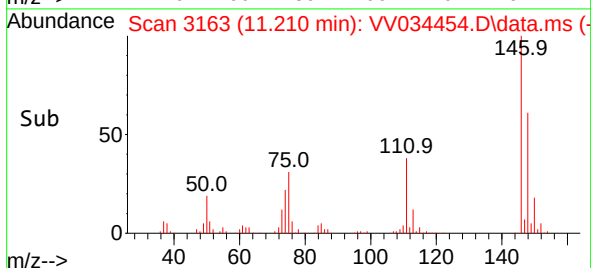
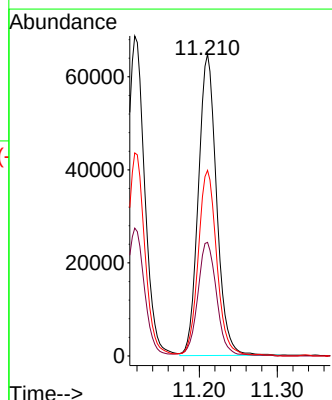
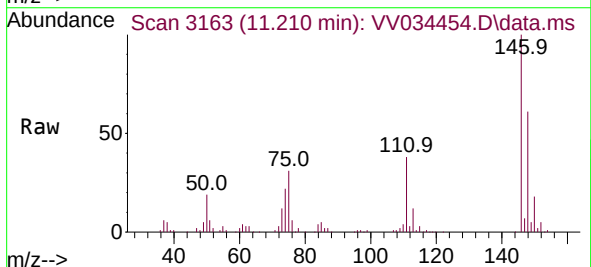
Tgt Ion:146 Resp: 105246

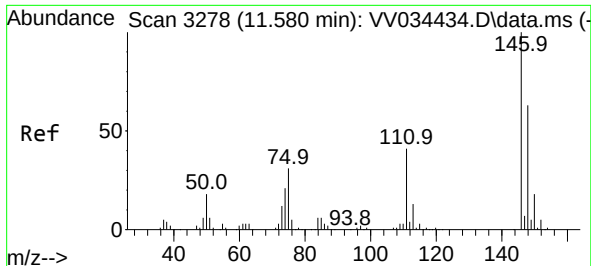
Ion Ratio Lower Upper

146 100

111 37.6 27.2 50.6

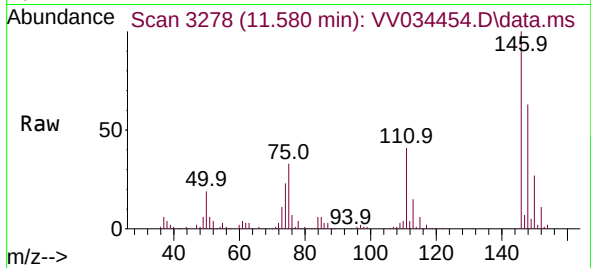
148 61.5 43.5 80.9



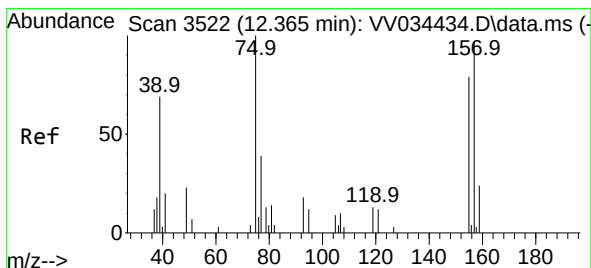
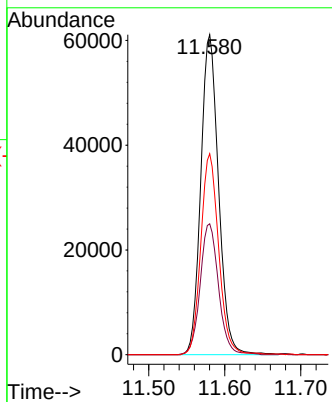
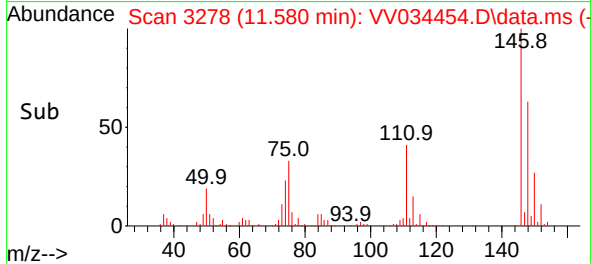


#67
1,2-Dichlorobenzene
Concen: 5.282 ug/L
RT: 11.580 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV034454.D
Acq: 27 Feb 2024 17:10

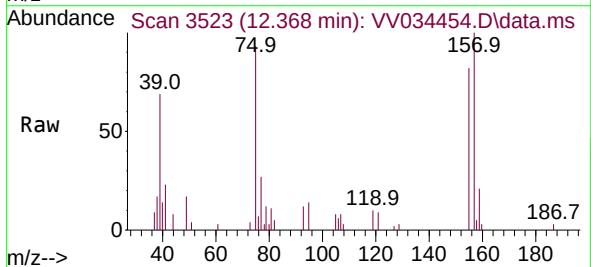
Instrument :
MSVOA_V
ClientSampleId :



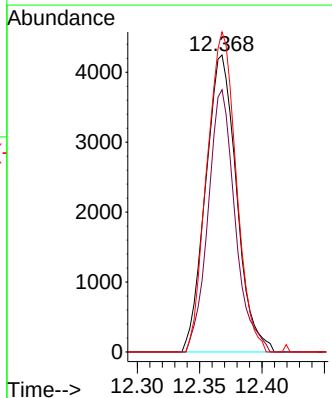
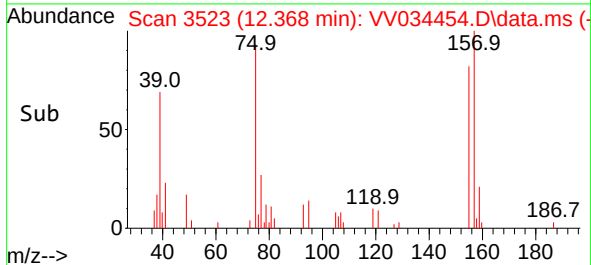
Tgt Ion:146 Resp: 99167
Ion Ratio Lower Upper
146 100
111 40.9 32.2 48.4
148 62.8 49.7 74.5

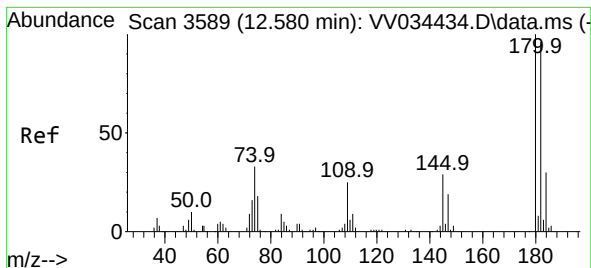


#68
1,2-Dibromo-3-chloropropane
Concen: 5.466 ug/L
RT: 12.368 min Scan# 3523
Delta R.T. 0.003 min
Lab File: VV034454.D
Acq: 27 Feb 2024 17:10



Tgt Ion: 75 Resp: 7340
Ion Ratio Lower Upper
75 100
155 88.3 60.0 90.0
157 107.8 78.6 117.8





#69

1,3,5-Trichlorobenzene

Concen: 5.113 ug/L

RT: 12.583 min Scan# 3589

Delta R.T. 0.003 min

Lab File: VV034454.D

Acq: 27 Feb 2024 17:10

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:180 Resp: 78573

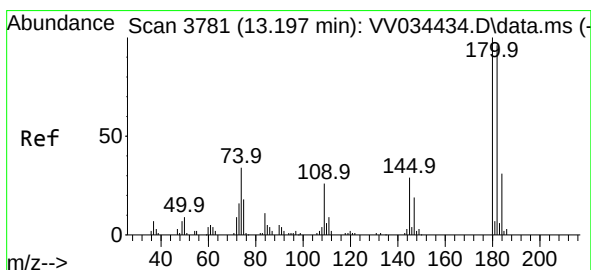
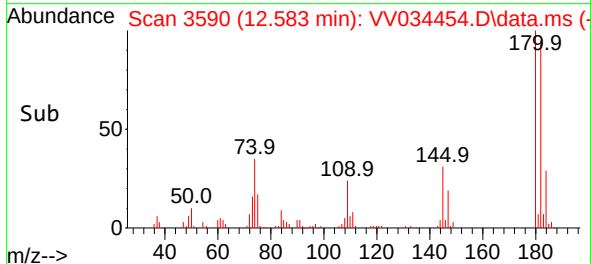
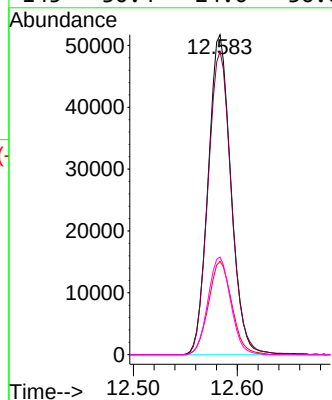
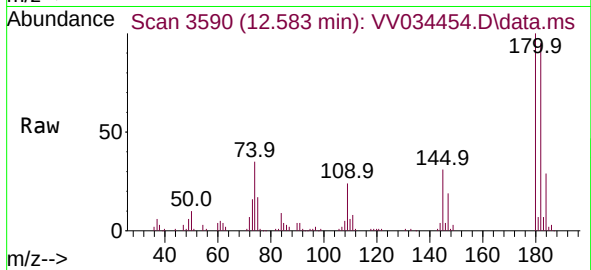
Ion Ratio Lower Upper

180 100

182 97.0 77.8 116.6

184 30.0 23.8 35.8

145 30.4 24.0 36.0



#70

1,2,4-trichlorobenzene

Concen: 5.343 ug/L

RT: 13.197 min Scan# 3781

Delta R.T. -0.000 min

Lab File: VV034454.D

Acq: 27 Feb 2024 17:10

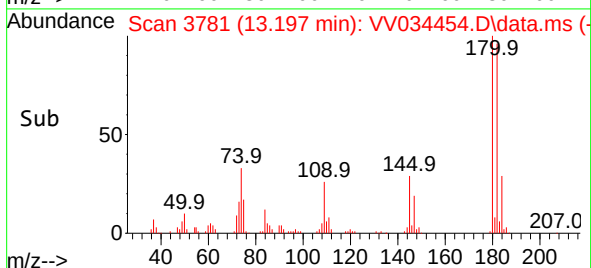
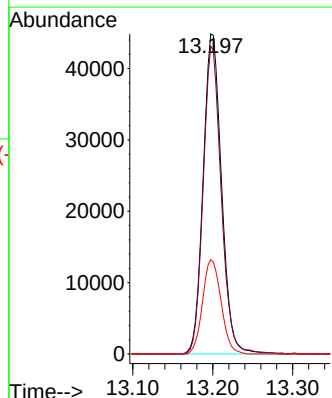
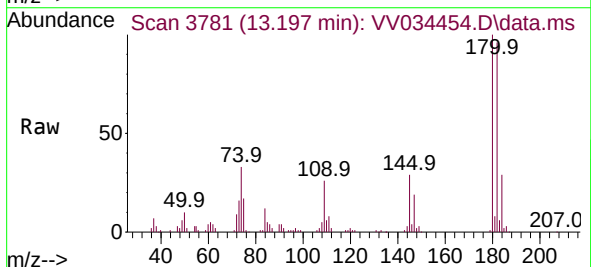
Tgt Ion:180 Resp: 71683

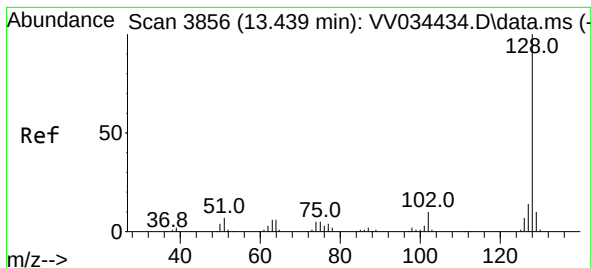
Ion Ratio Lower Upper

180 100

182 94.4 75.3 112.9

145 29.7 23.6 35.4





#71

Naphthalene

Concen: 5.506 ug/L

RT: 13.439 min Scan# 3856

Delta R.T. -0.000 min

Lab File: VV034454.D

Acq: 27 Feb 2024 17:10

Instrument :

MSVOA_V

ClientSampleId :

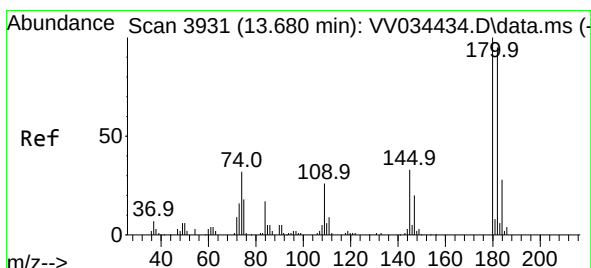
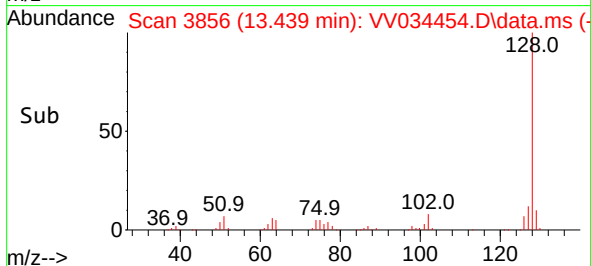
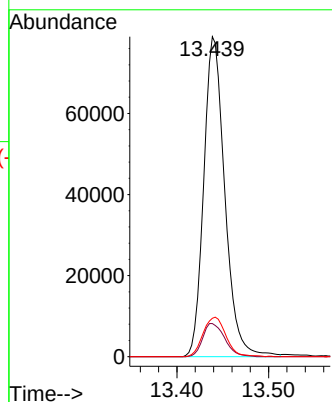
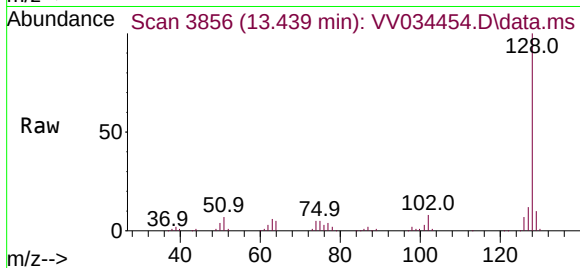
Tgt Ion:128 Resp: 126194

Ion Ratio Lower Upper

128 100

129 10.8 8.4 12.6

127 13.4 10.4 15.6



#72

1,2,3-Trichlorobenzene

Concen: 5.335 ug/L

RT: 13.680 min Scan# 3931

Delta R.T. -0.000 min

Lab File: VV034454.D

Acq: 27 Feb 2024 17:10

Tgt Ion:180 Resp: 64100

Ion Ratio Lower Upper

180 100

182 94.9 76.1 114.1

145 32.2 25.8 38.6

