

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW020924\
 Data File : VW034121.D
 Acq On : 09 Feb 2024 18:52
 Operator : SY/MD
 Sample : P1384-02MS
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 09 23:17:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Feb 09 22:58:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	74027	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	69505	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	37868	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	25085	4.375	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.600%
7) Chloroethane-d5	1.532	69	21094	4.201	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.000%
11) 1,1-Dichloroethene-d2	2.060	65	12338	4.462	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.200%
20) 2-Butanone-d5	3.790	46	45822	47.589	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.180%
24) Chloroform-d	4.253	84	48756	4.680	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.600%
26) 1,2-Dichloroethane-d4	4.947	65	24010	4.932	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.600%
32) Benzene-d6	4.963	84	88976	4.267	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.400%
36) 1,2-Dichloropropane-d6	5.992	67	23973	4.113	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.200%
41) Toluene-d8	7.243	98	84358	4.402	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.000%
43) trans-1,3-Dichloroprop...	7.558	79	10536	4.787	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.800%
46) 2-Hexanone-d5	8.024	63	37942	48.288	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.580%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	16908	4.785	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.600%
66) 1,2-Dichlorobenzene-d4	11.561	152	30278	4.396	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	31737	4.678	ug/L	98
3) Chloromethane	1.217	50	33191	4.485	ug/L	97
5) Vinyl chloride	1.285	62	34273	4.847	ug/L	89
6) Bromomethane	1.487	94	18199	4.887	ug/L	98
8) Chloroethane	1.552	64	21557	4.469	ug/L	99
9) Trichlorofluoromethane	1.716	101	55581	5.455	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	27582	5.178	ug/L	99
12) 1,1-Dichloroethene	2.073	96	26478	5.120	ug/L	95
13) Acetone	2.114	43	37678	51.579	ug/L #	38
14) Carbon disulfide	2.243	76	73358	4.384	ug/L	99
15) Methyl Acetate	2.381	43	7901	4.570	ug/L	95
16) Methylene chloride	2.449	84	25151	5.069	ug/L	94
17) Methyl tert-butyl Ether	2.706	73	61017	5.743	ug/L	99
18) trans-1,2-Dichloroethene	2.696	96	25309	4.805	ug/L	98
19) 1,1-Dichloroethane	3.114	63	48653	5.027	ug/L	95
21) 2-Butanone	3.873	43	46733	48.412	ug/L #	44
22) cis-1,2-Dichloroethene	3.818	96	29316	4.906	ug/L	98
23) Bromochloromethane	4.156	128	11360	5.468	ug/L	87
25) Chloroform	4.281	83	50500	5.162	ug/L	96

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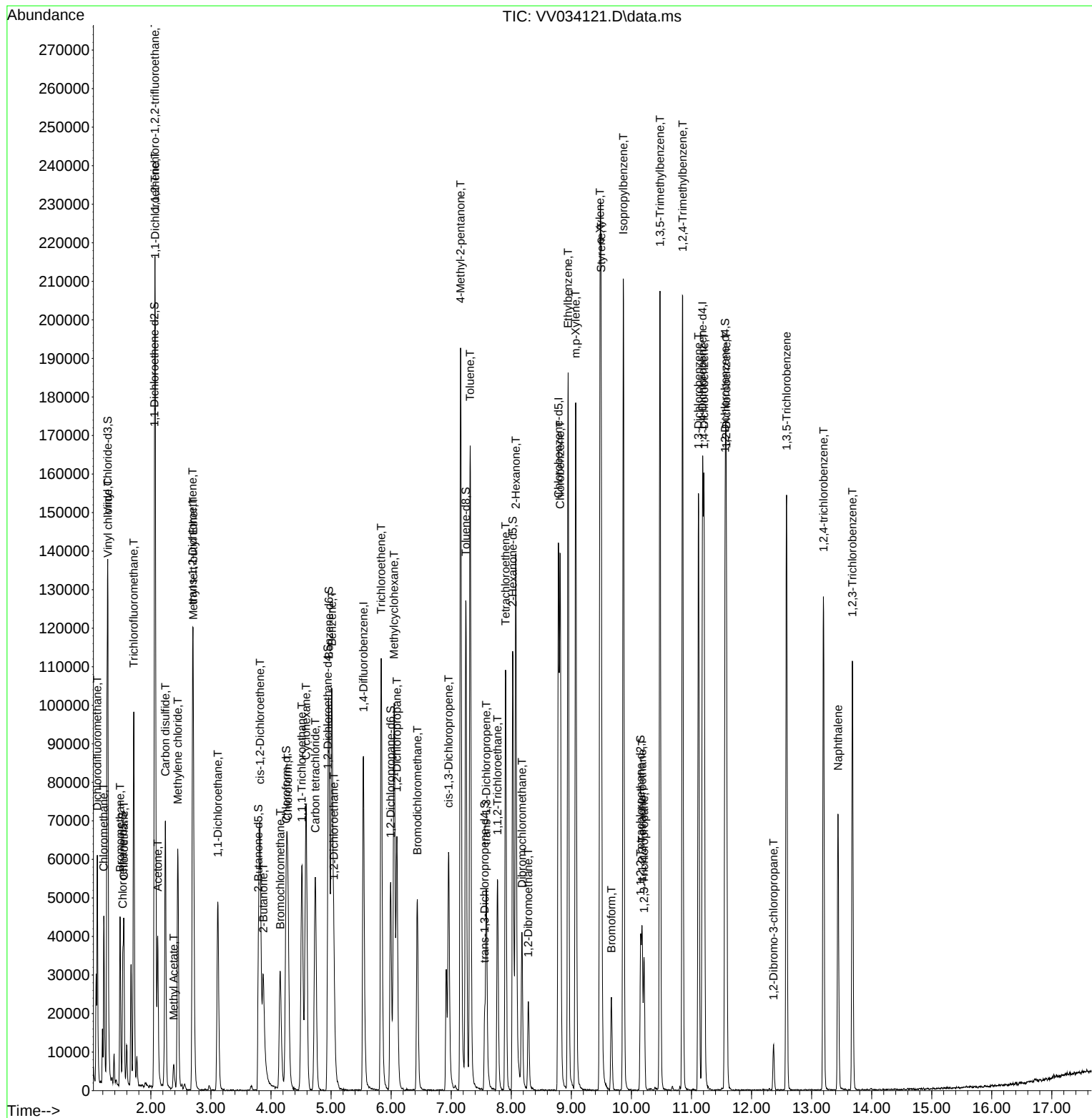
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.047	62	31488	5.621	ug/L	96
29) 1,1,1-Trichloroethane	4.513	97	47961	5.140	ug/L	98
30) Cyclohexane	4.584	56	41137	4.533	ug/L	99
31) Carbon tetrachloride	4.738	117	42154	5.163	ug/L	99
33) Benzene	5.015	78	103481	4.964	ug/L	100
34) Trichloroethene	5.834	95	39775	6.593	ug/L	97
35) Methylcyclohexane	6.050	83	42299	4.466	ug/L	97
37) 1,2-Dichloropropane	6.095	63	24609	4.873	ug/L	99
38) Bromodichloromethane	6.436	83	33880	5.111	ug/L #	99
39) cis-1,3-Dichloropropene	6.957	75	38198	4.971	ug/L	97
40) 4-Methyl-2-pentanone	7.156	43	128708	53.226	ug/L	98
42) Toluene	7.317	91	119742	5.374	ug/L	96
44) trans-1,3-Dichloropropene	7.584	75	30578	5.183	ug/L	96
45) 1,1,2-Trichloroethane	7.770	97	16623	5.331	ug/L	98
47) Tetrachloroethene	7.905	164	22923	4.676	ug/L	97
48) 2-Hexanone	8.076	43	87926	51.584	ug/L	99
49) Dibromochloromethane	8.178	129	19553	5.277	ug/L	97
50) 1,2-Dibromoethane	8.285	107	15453	5.521	ug/L #	96
51) Chlorobenzene	8.815	112	70634	5.014	ug/L	98
52) Ethylbenzene	8.947	91	128498	5.010	ug/L	99
53) m,p-Xylene	9.072	106	48552	5.010	ug/L	100
54) o-Xylene	9.477	106	47015	5.031	ug/L	100
55) Styrene	9.497	104	77860	5.203	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.178	83	18063	5.489	ug/L	99
59) Bromoform	9.667	173	10698	5.128	ug/L	95
60) Isopropylbenzene	9.866	105	129770	4.631	ug/L	99
61) 1,2,3-Trichloropropane	10.211	75	12923	4.964	ug/L	100
62) 1,3,5-Trimethylbenzene	10.477	105	108258	4.570	ug/L	99
63) 1,2,4-Trimethylbenzene	10.854	105	108637	4.720	ug/L	100
64) 1,3-Dichlorobenzene	11.117	146	59733	4.889	ug/L	99
65) 1,4-Dichlorobenzene	11.210	146	58383	4.826	ug/L	98
67) 1,2-Dichlorobenzene	11.580	146	52844	5.036	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.368	75	3035	5.563	ug/L	94
69) 1,3,5-Trichlorobenzene	12.583	180	45580	4.821	ug/L	99
70) 1,2,4-trichlorobenzene	13.198	180	37019	5.016	ug/L	99
71) Naphthalene	13.442	128	55351	5.723	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	31203	5.276	ug/L	97

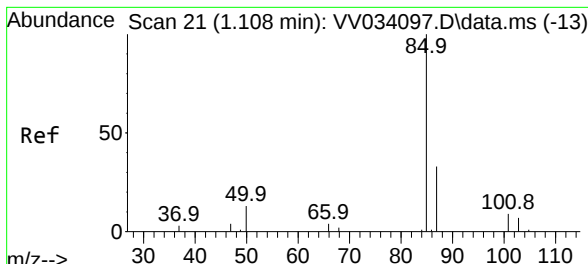
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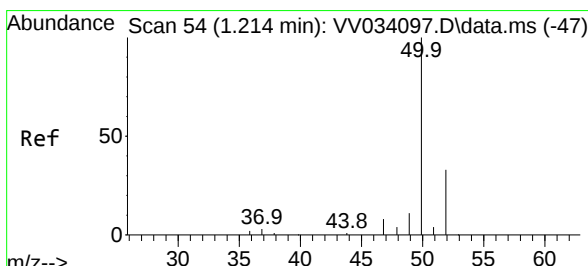
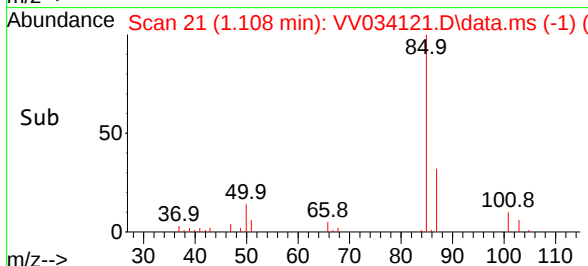
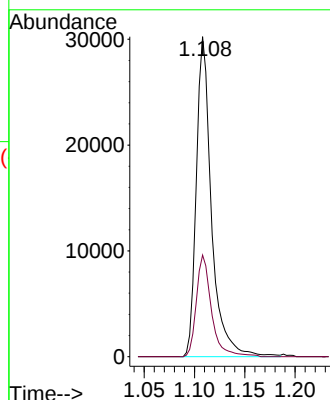
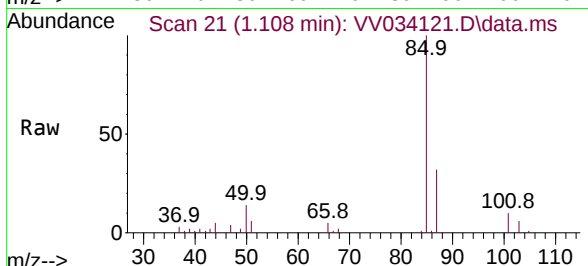




#2
 Dichlorodifluoromethane
 Concen: 4.678 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV034121.D
 Acq: 09 Feb 2024 18:52

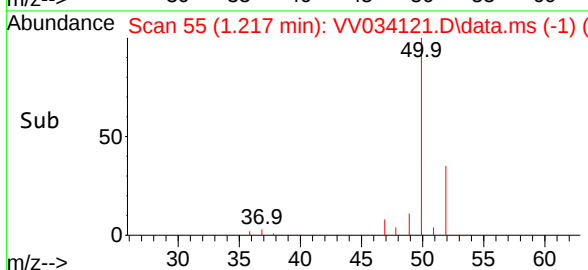
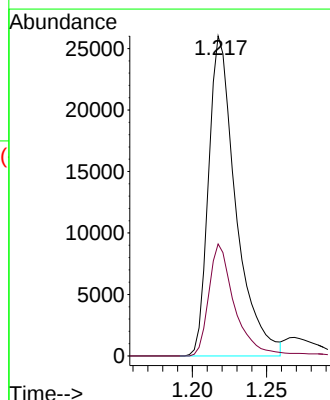
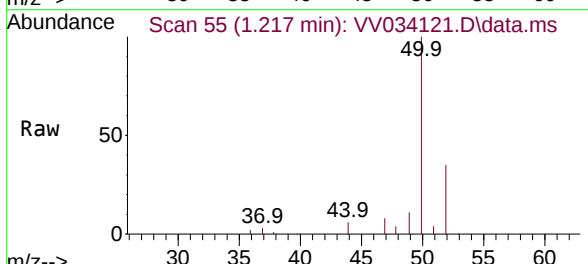
Instrument :
 MSVOA_V
 ClientSampleId :

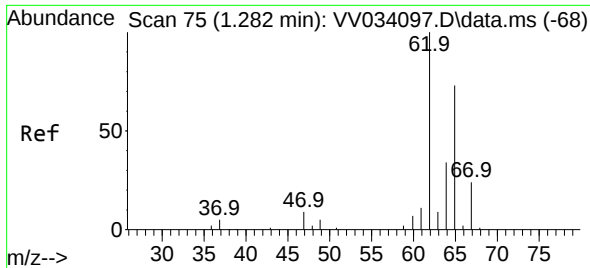
Tgt Ion: 85 Resp: 31737
 Ion Ratio Lower Upper
 85 100
 87 31.7 26.2 39.4



#3
 Chloromethane
 Concen: 4.485 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. 0.003 min
 Lab File: VV034121.D
 Acq: 09 Feb 2024 18:52

Tgt Ion: 50 Resp: 33191
 Ion Ratio Lower Upper
 50 100
 52 35.0 23.4 43.4

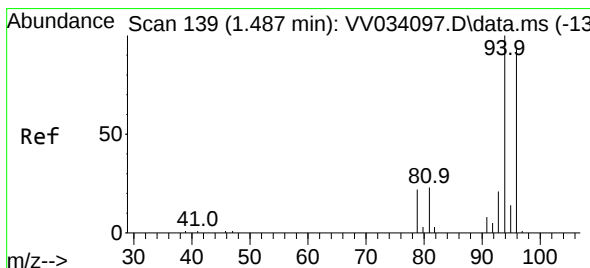
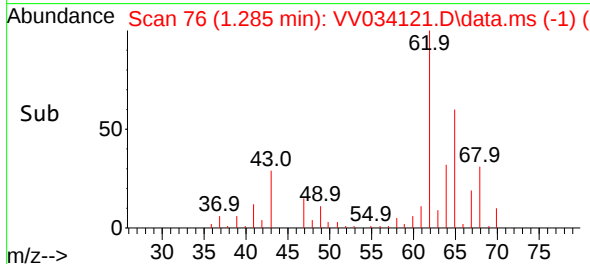
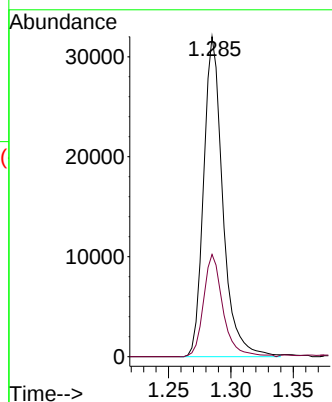
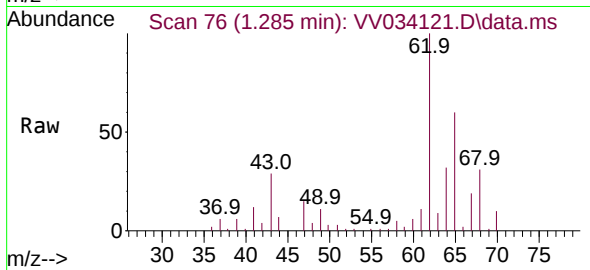




#5
 Vinyl chloride
 Concen: 4.847 ug/L
 RT: 1.285 min Scan# 75
 Delta R.T. 0.003 min
 Lab File: VV034121.D
 Acq: 09 Feb 2024 18:52

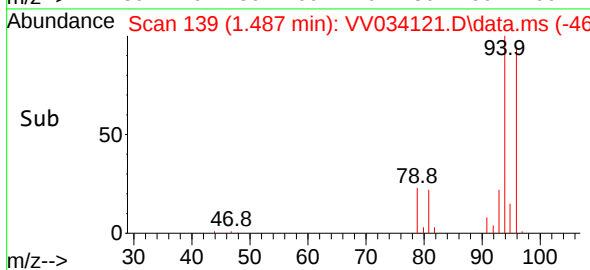
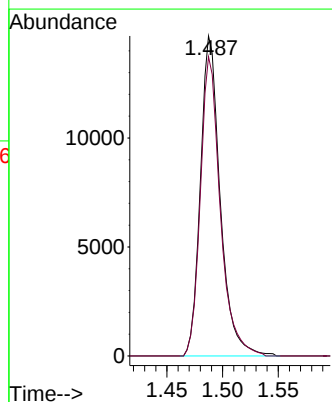
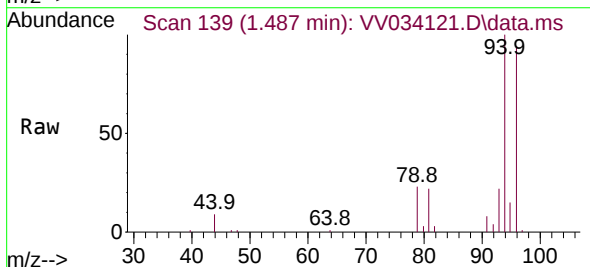
Instrument :
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 ClientSampleId :

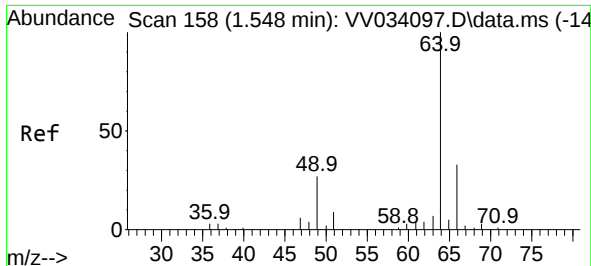
Tgt Ion: 62 Resp: 34273
 Ion Ratio Lower Upper
 62 100
 64 32.0 27.2 50.4



#6
 Bromomethane
 Concen: 4.887 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. 0.000 min
 Lab File: VV034121.D
 Acq: 09 Feb 2024 18:52

Tgt Ion: 94 Resp: 18199
 Ion Ratio Lower Upper
 94 100
 96 93.5 66.6 123.8





#8

Chloroethane

Concen: 4.469 ug/L

RT: 1.552 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV034121.D

Acq: 09 Feb 2024 18:52

Instrument :

MSVOA_V

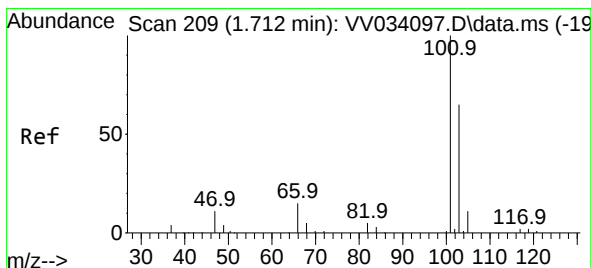
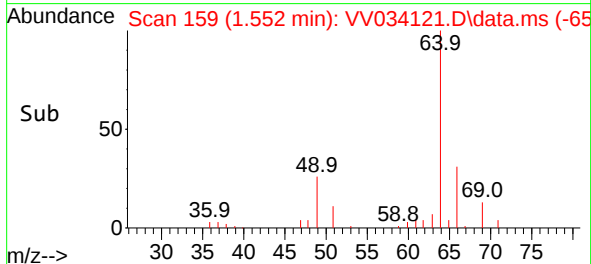
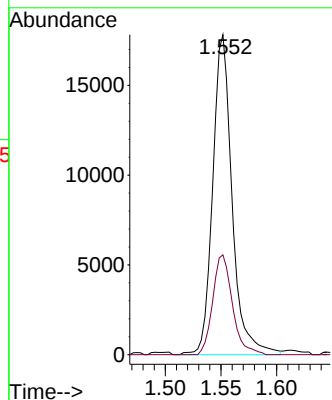
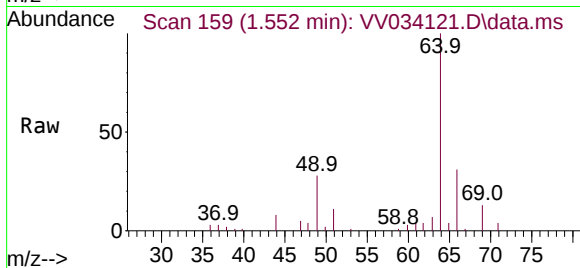
ClientSampleId :

Tgt Ion: 64 Resp: 21557

Ion Ratio Lower Upper

64 100

66 31.2 22.0 41.0



#9

Trichlorofluoromethane

Concen: 5.455 ug/L

RT: 1.716 min Scan# 210

Delta R.T. 0.003 min

Lab File: VV034121.D

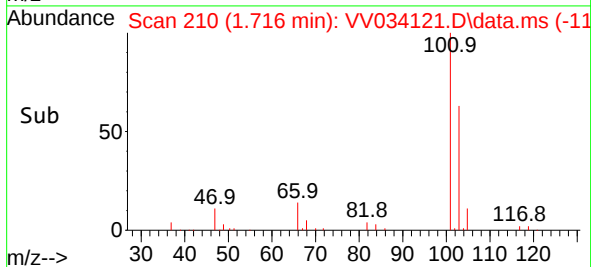
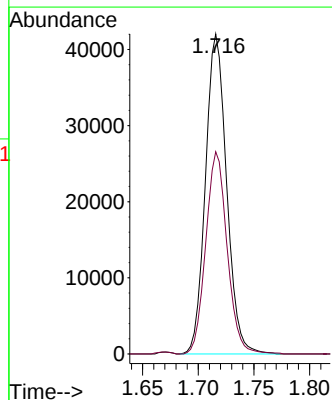
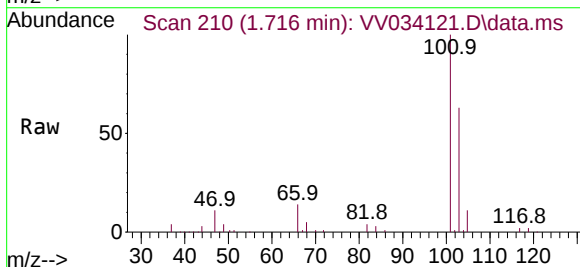
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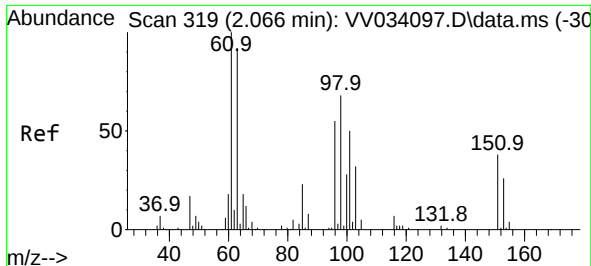
Tgt Ion:101 Resp: 55581

Ion Ratio Lower Upper

101 100

103 63.9 51.0 76.4

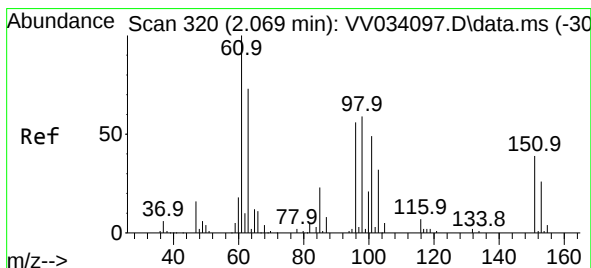
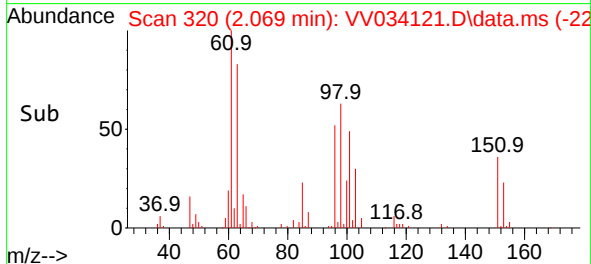
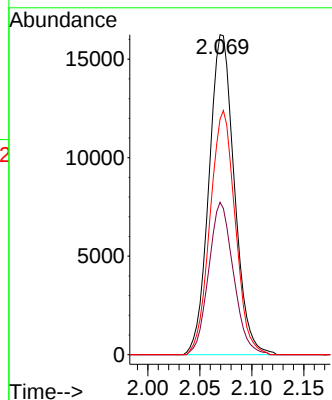
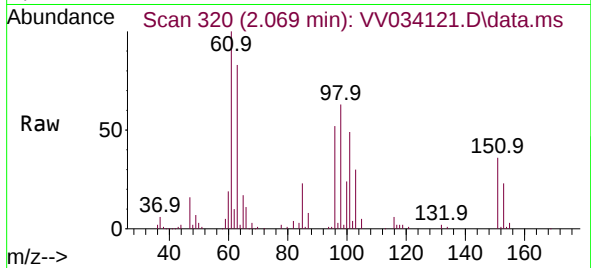




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.178 ug/L
RT: 2.069 min Scan# 319
Delta R.T. 0.003 min
Lab File: VV034121.D
Acq: 09 Feb 2024 18:52

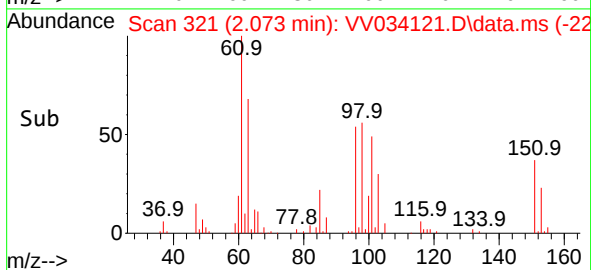
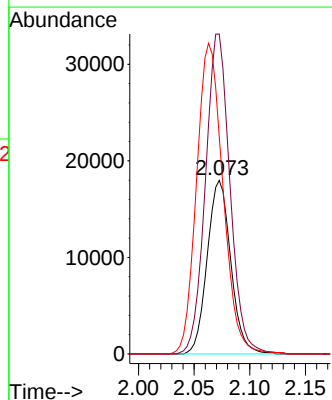
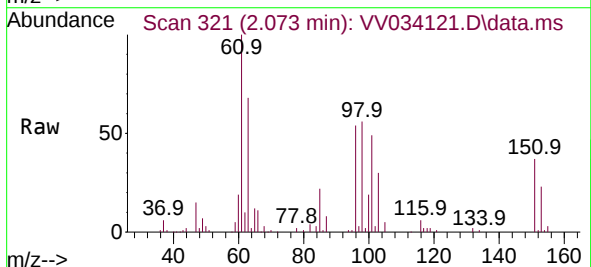
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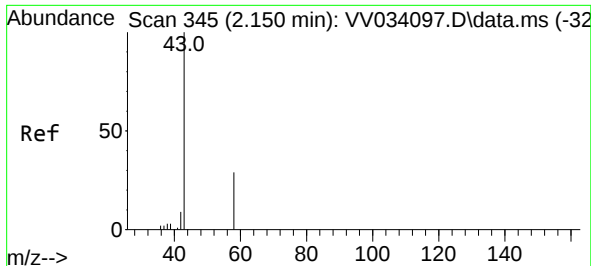
Tgt Ion:101 Resp: 27582
Ion Ratio Lower Upper
101 100
85 46.5 37.1 55.7
151 75.7 61.7 92.5



#12
1,1-Dichloroethene
Concen: 5.120 ug/L
RT: 2.073 min Scan# 321
Delta R.T. 0.003 min
Lab File: VV034121.D
Acq: 09 Feb 2024 18:52

Tgt Ion: 96 Resp: 26478
Ion Ratio Lower Upper
96 100
61 184.3 128.8 239.2
63 125.2 97.9 181.9





#13

Acetone

Concen: 51.579 ug/L

RT: 2.114 min Scan# 31

Delta R.T. -0.035 min

Lab File: VV034121.D

Acq: 09 Feb 2024 18:52

Instrument :

MSVOA_V

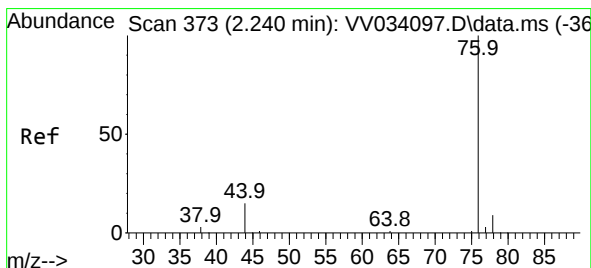
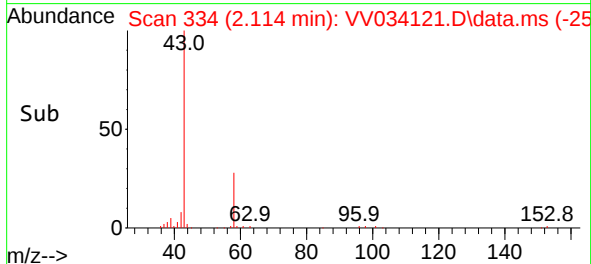
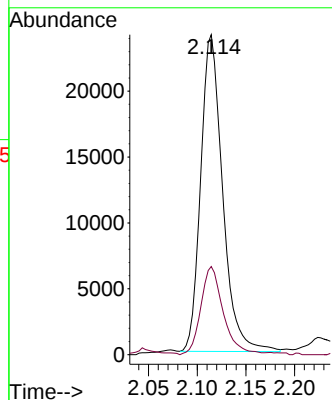
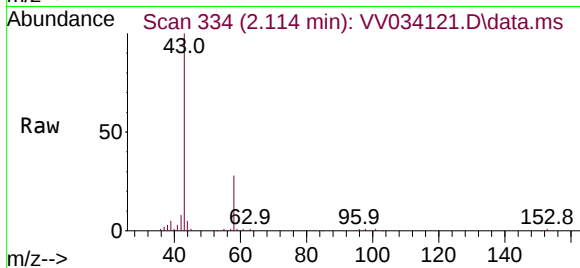
ClientSampleId :

Tgt Ion: 43 Resp: 37678

Ion Ratio Lower Upper

43 100

58 28.4 0.0 13.8#



#14

Carbon disulfide

Concen: 4.384 ug/L

RT: 2.243 min Scan# 374

Delta R.T. 0.003 min

Lab File: VV034121.D

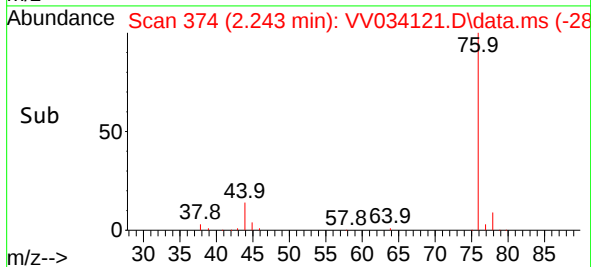
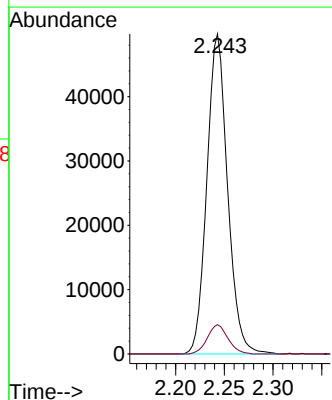
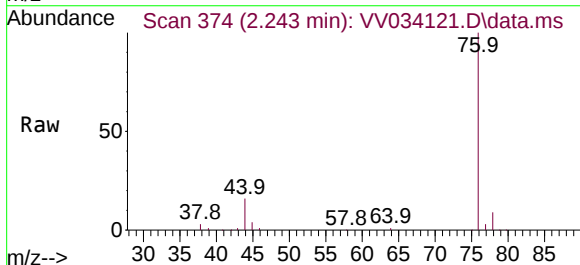
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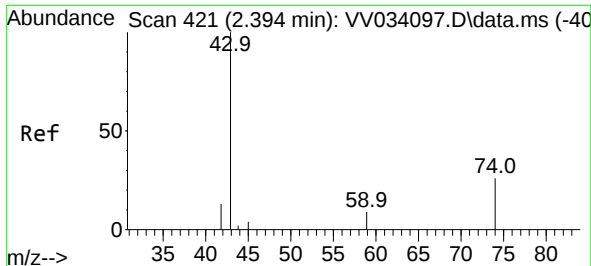
Tgt Ion: 76 Resp: 73358

Ion Ratio Lower Upper

76 100

78 9.1 7.5 11.3

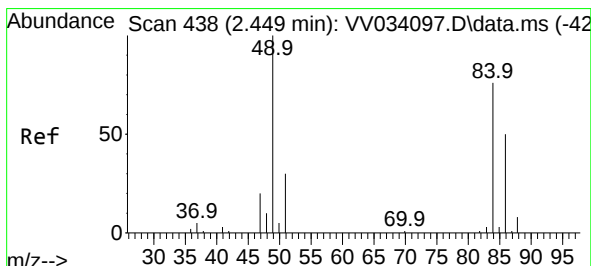
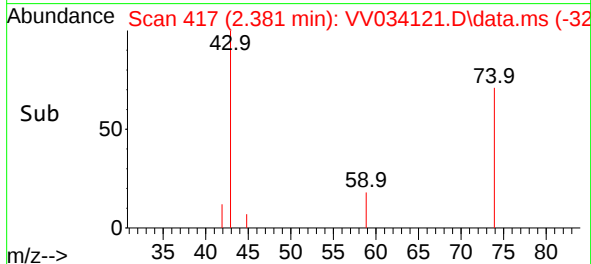
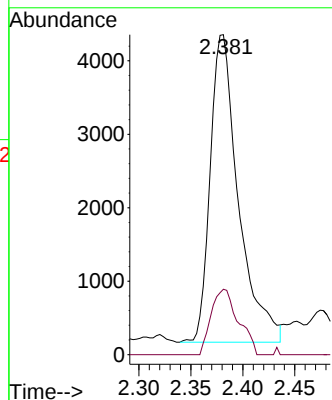
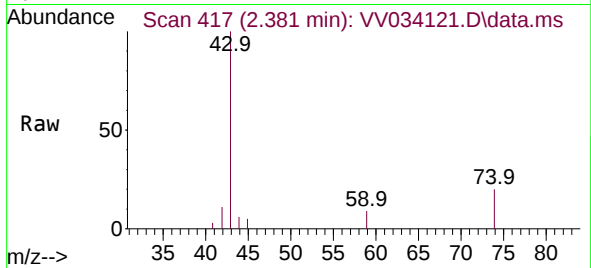




#15
Methyl Acetate
Concen: 4.570 ug/L
RT: 2.381 min Scan# 417
Delta R.T. -0.013 min
Lab File: VV034121.D
Acq: 09 Feb 2024 18:52

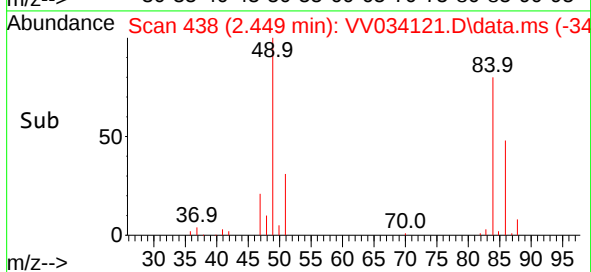
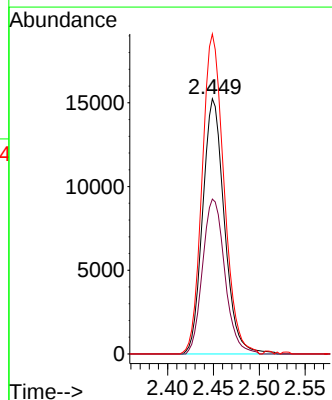
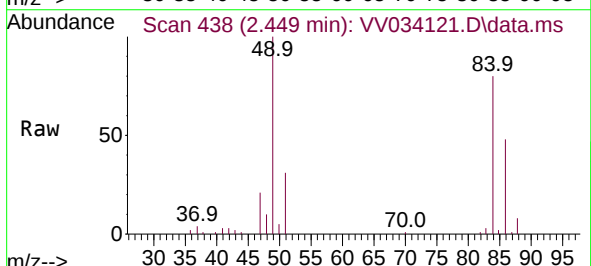
Instrument :
MSVOA_V
ClientSampleId :

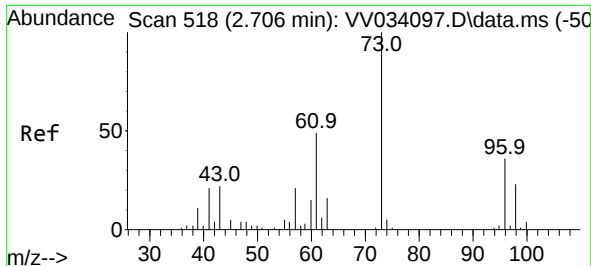
Tgt Ion: 43 Resp: 7901
Ion Ratio Lower Upper
43 100
74 20.5 18.2 27.4



#16
Methylene chloride
Concen: 5.069 ug/L
RT: 2.449 min Scan# 438
Delta R.T. 0.000 min
Lab File: VV034121.D
Acq: 09 Feb 2024 18:52

Tgt Ion: 84 Resp: 25151
Ion Ratio Lower Upper
84 100
86 60.7 44.7 83.1
49 125.4 93.7 173.9





#17

Methyl tert-butyl Ether

Concen: 5.743 ug/L

RT: 2.706 min Scan# 518

Delta R.T. 0.000 min

Lab File: VV034121.D

Acq: 09 Feb 2024 18:52

Instrument :

MSVOA_V

ClientSampleId :

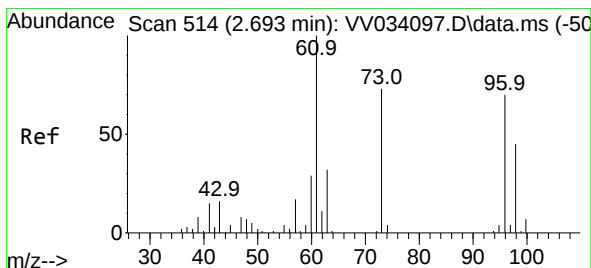
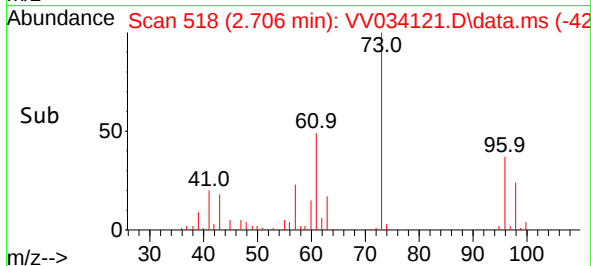
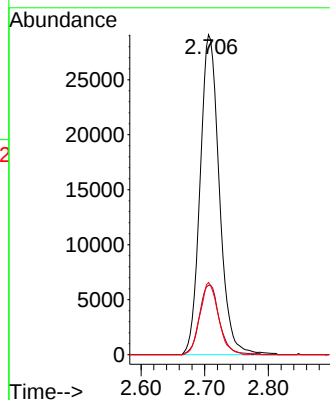
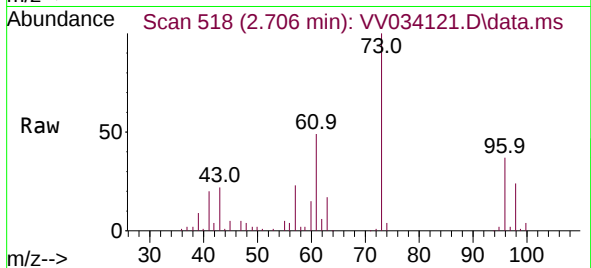
Tgt Ion: 73 Resp: 61017

Ion Ratio Lower Upper

73 100

43 22.4 17.7 26.5

57 21.8 17.9 26.9



#18

trans-1,2-Dichloroethene

Concen: 4.805 ug/L

RT: 2.696 min Scan# 515

Delta R.T. 0.003 min

Lab File: VV034121.D

Acq: 09 Feb 2024 18:52

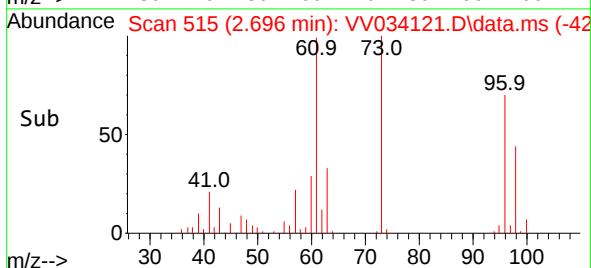
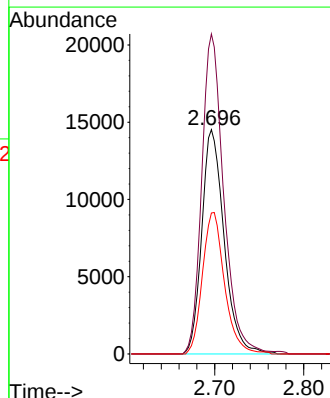
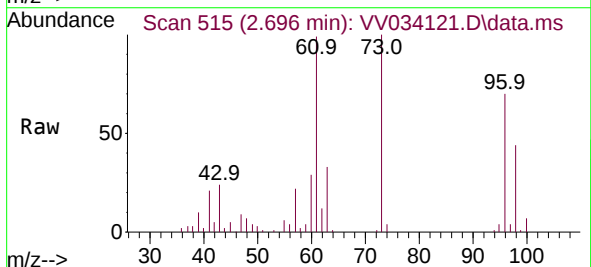
Tgt Ion: 96 Resp: 25309

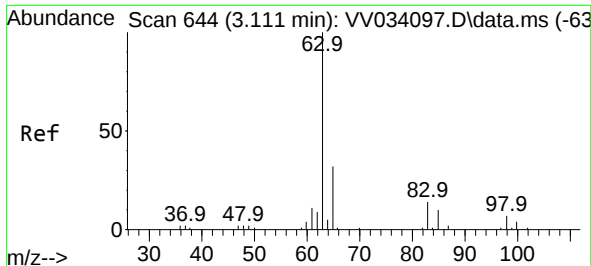
Ion Ratio Lower Upper

96 100

61 142.6 97.6 181.4

98 62.8 44.4 82.5





#19

1,1-Dichloroethane

Concen: 5.027 ug/L

RT: 3.114 min Scan# 64

Delta R.T. 0.003 min

Lab File: VV034121.D

Acq: 09 Feb 2024 18:52

Instrument :

MSVOA_V

ClientSampleId :

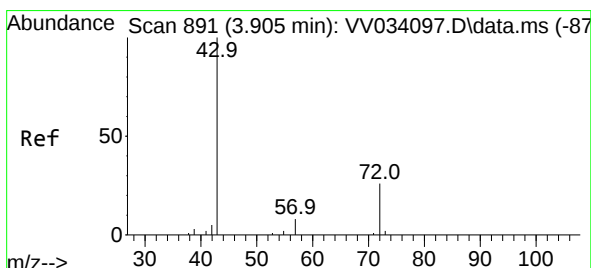
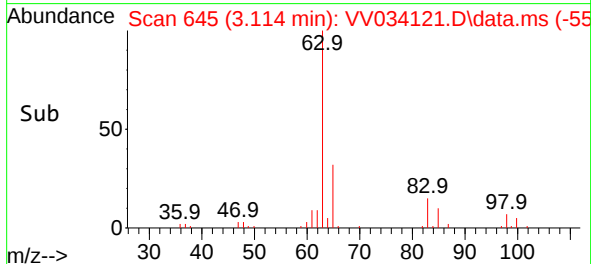
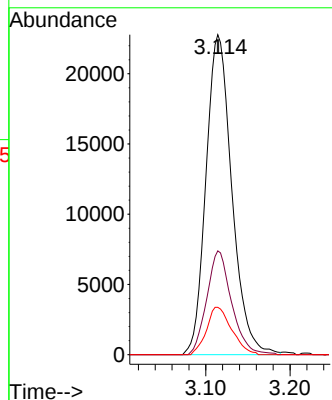
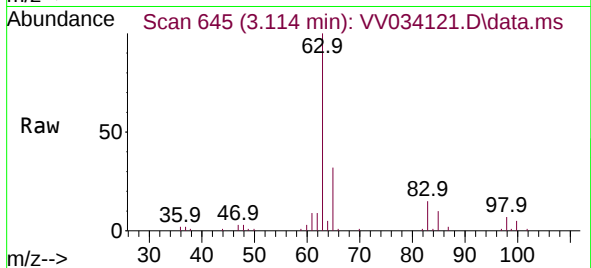
Tgt Ion: 63 Resp: 48653

Ion Ratio Lower Upper

63 100

65 32.4 20.8 38.6

83 14.8 9.4 17.4



#21

2-Butanone

Concen: 48.412 ug/L

RT: 3.873 min Scan# 881

Delta R.T. -0.032 min

Lab File: VV034121.D

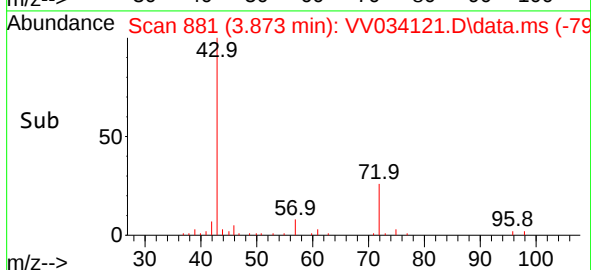
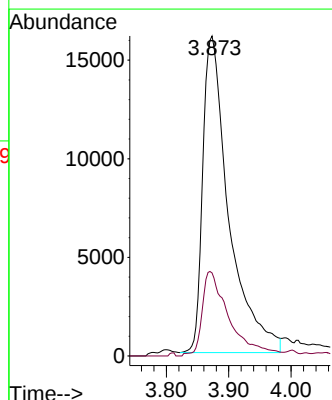
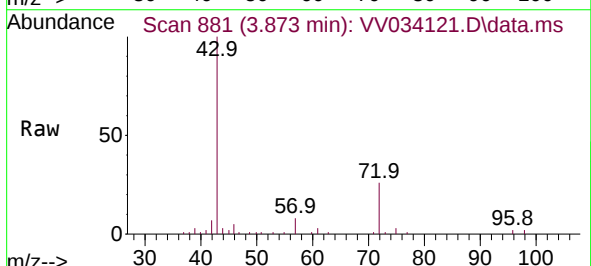
Acq: 09 Feb 2024 18:52

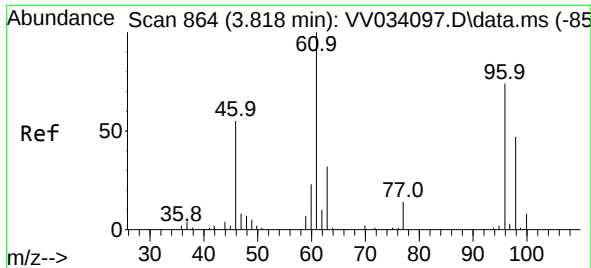
Tgt Ion: 43 Resp: 46733

Ion Ratio Lower Upper

43 100

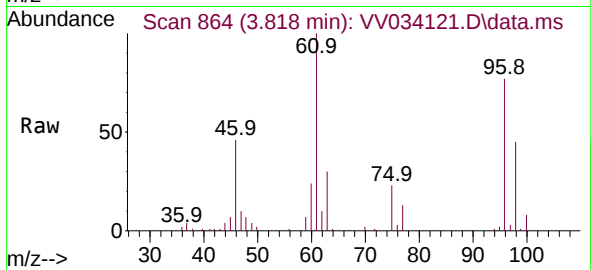
72 27.6 4.0 11.9#





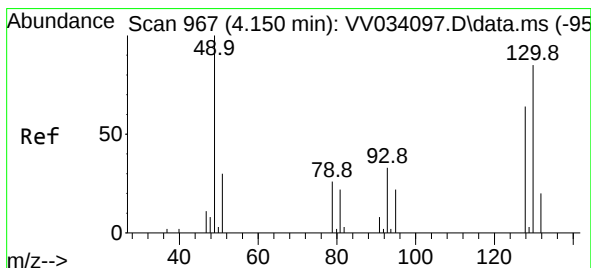
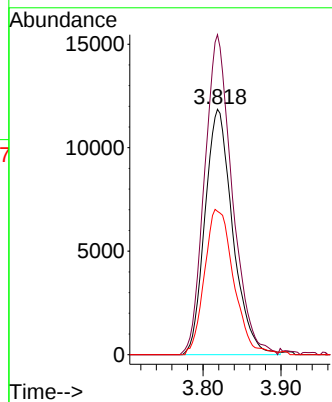
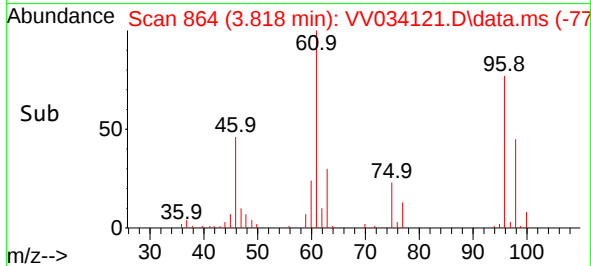
#22
 cis-1,2-Dichloroethene
 Concen: 4.906 ug/L
 RT: 3.818 min Scan# 864
 Delta R.T. 0.000 min
 Lab File: VV034121.D
 Acq: 09 Feb 2024 18:52

Instrument :
 MSVOA_V
 ClientSampleId :

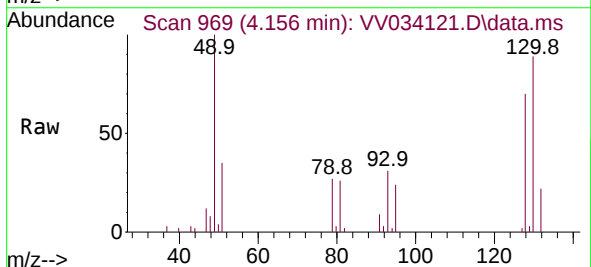


Tgt Ion: 96 Resp: 29316

Ion	Ratio	Lower	Upper
96	100		
61	130.4	90.3	167.7
98	58.4	43.2	80.2

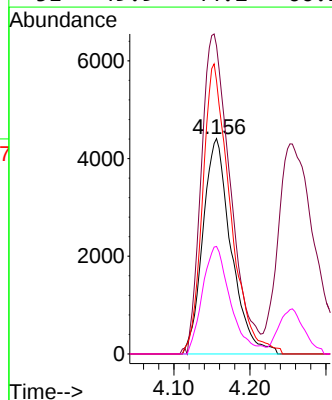
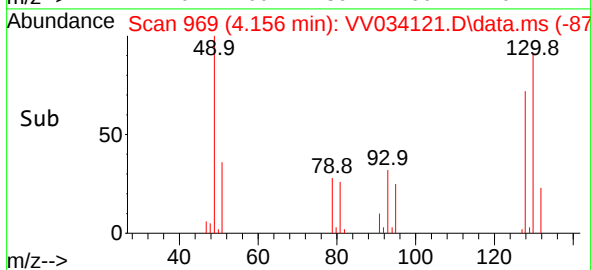


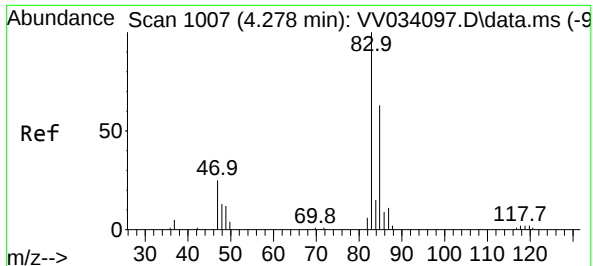
#23
 Bromochloromethane
 Concen: 5.468 ug/L
 RT: 4.156 min Scan# 969
 Delta R.T. 0.006 min
 Lab File: VV034121.D
 Acq: 09 Feb 2024 18:52



Tgt Ion: 128 Resp: 11360

Ion	Ratio	Lower	Upper
128	100		
49	143.1	120.5	223.7
130	126.8	93.4	173.4
51	49.9	44.2	66.2





#25

Chloroform

Concen: 5.162 ug/L

RT: 4.281 min Scan# 1007

Delta R.T. 0.003 min

Lab File: VV034121.D

Acq: 09 Feb 2024 18:52

Instrument :

MSVOA_V

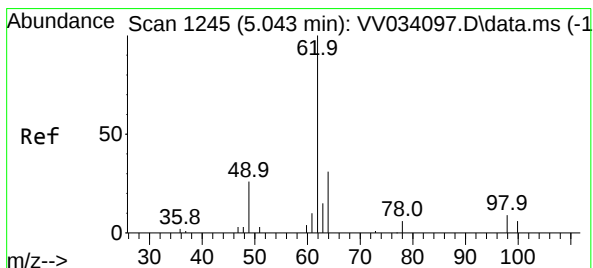
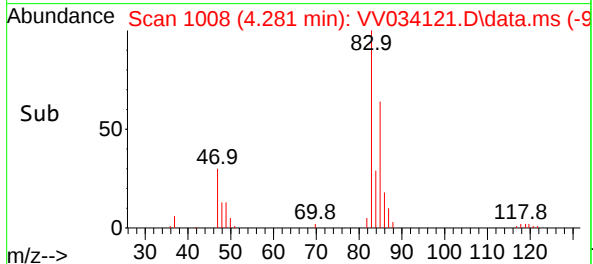
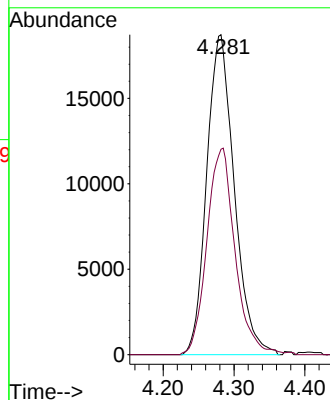
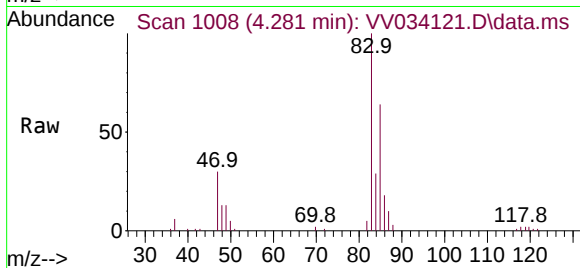
ClientSampleId :

Tgt Ion: 83 Resp: 50500

Ion Ratio Lower Upper

83 100

85 64.2 47.5 88.1



#27

1,2-Dichloroethane

Concen: 5.621 ug/L

RT: 5.047 min Scan# 1246

Delta R.T. 0.003 min

Lab File: VV034121.D

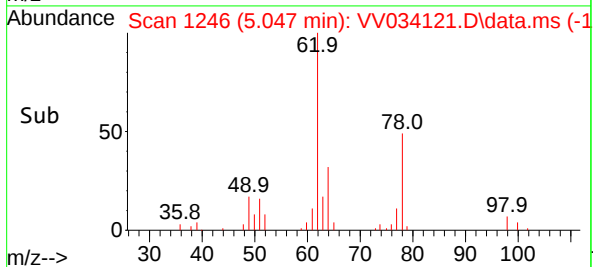
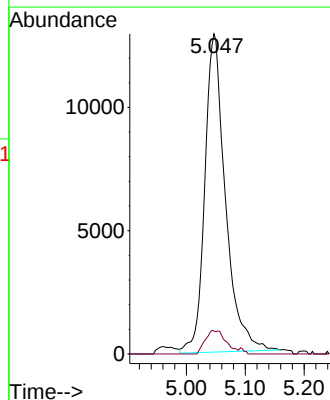
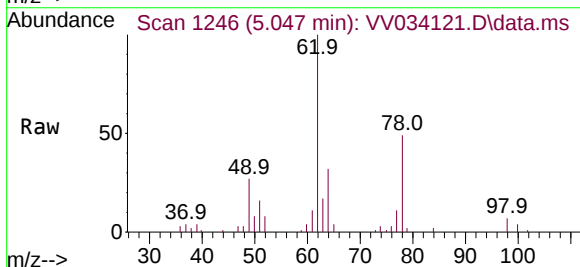
Acq: 09 Feb 2024 18:52

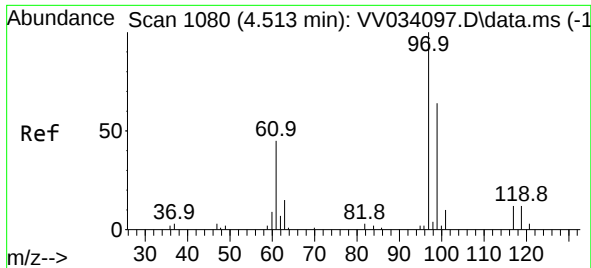
Tgt Ion: 62 Resp: 31488

Ion Ratio Lower Upper

62 100

98 7.1 6.9 10.3





#29

1,1,1-Trichloroethane

Concen: 5.140 ug/L

RT: 4.513 min Scan# 1100

Delta R.T. 0.000 min

Lab File: VV034121.D

Acq: 09 Feb 2024 18:52

Instrument :

MSVOA_V

ClientSampleId :

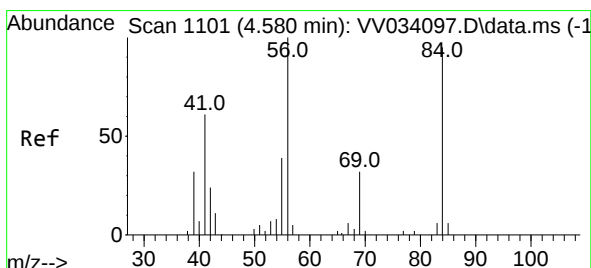
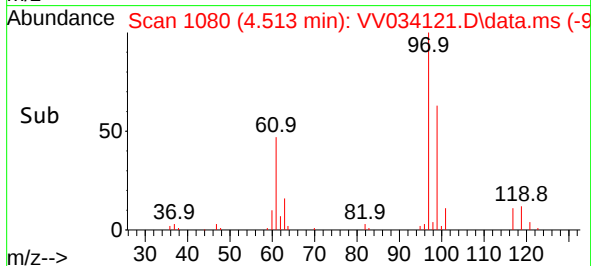
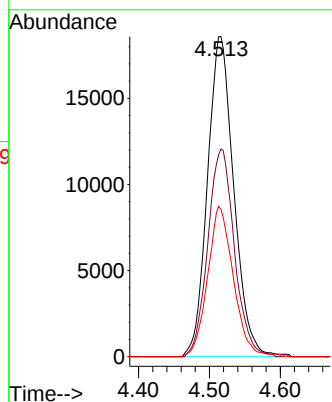
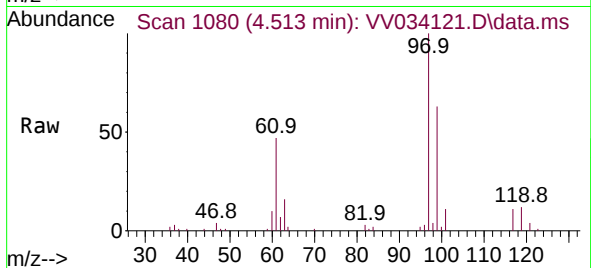
Tgt Ion: 97 Resp: 47961

Ion Ratio Lower Upper

97 100

99 65.5 50.6 75.8

61 45.9 36.8 55.2



#30

Cyclohexane

Concen: 4.533 ug/L

RT: 4.584 min Scan# 1102

Delta R.T. 0.003 min

Lab File: VV034121.D

Acq: 09 Feb 2024 18:52

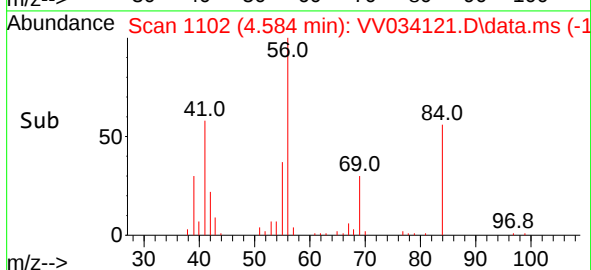
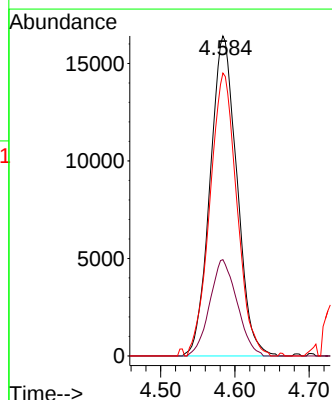
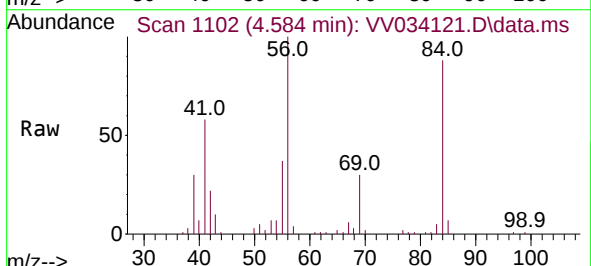
Tgt Ion: 56 Resp: 41137

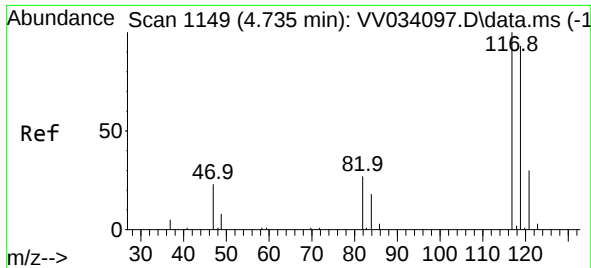
Ion Ratio Lower Upper

56 100

69 30.6 24.2 36.2

84 88.9 70.0 105.0

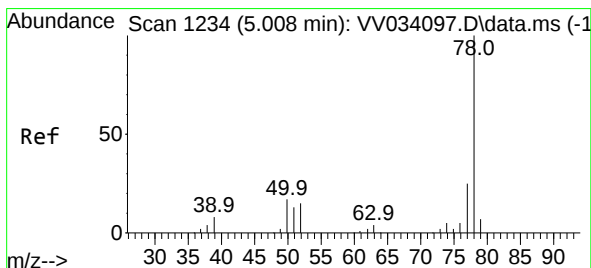
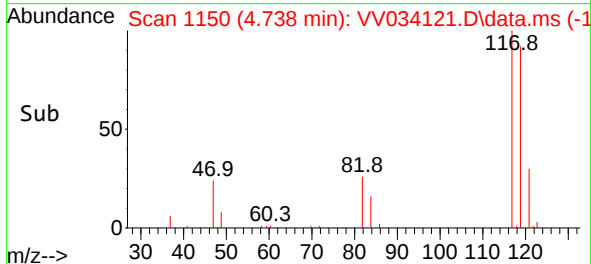
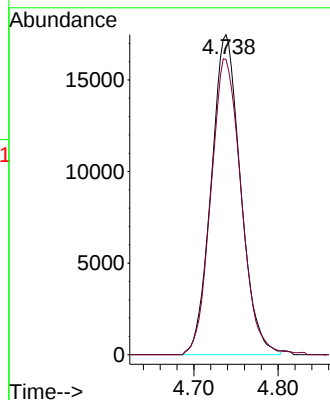
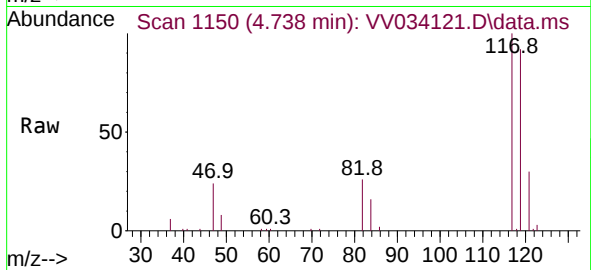




#31
Carbon tetrachloride
Concen: 5.163 ug/L
RT: 4.738 min Scan# 1149
Delta R.T. 0.003 min
Lab File: VV034121.D
Acq: 09 Feb 2024 18:52

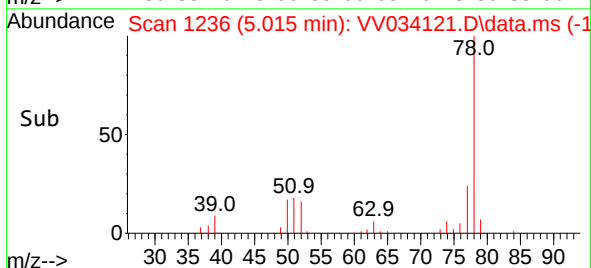
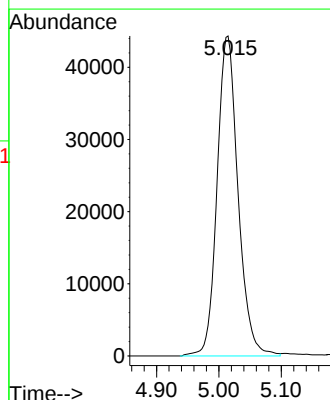
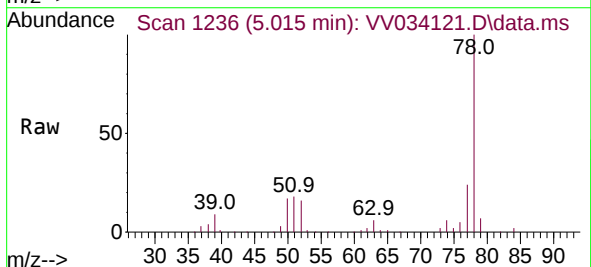
Instrument :
MSVOA_V
ClientSampleId :

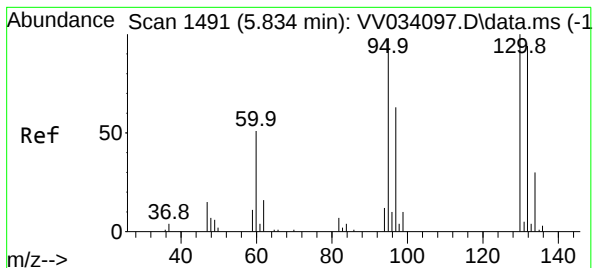
Tgt Ion:117 Resp: 42154
Ion Ratio Lower Upper
117 100
119 95.7 76.1 114.1



#33
Benzene
Concen: 4.964 ug/L
RT: 5.015 min Scan# 1236
Delta R.T. 0.006 min
Lab File: VV034121.D
Acq: 09 Feb 2024 18:52

Tgt Ion: 78 Resp: 103481





#34

Trichloroethene

Concen: 6.593 ug/L

RT: 5.834 min Scan# 1491

Delta R.T. 0.000 min

Lab File: VV034121.D

Acq: 09 Feb 2024 18:52

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 39775

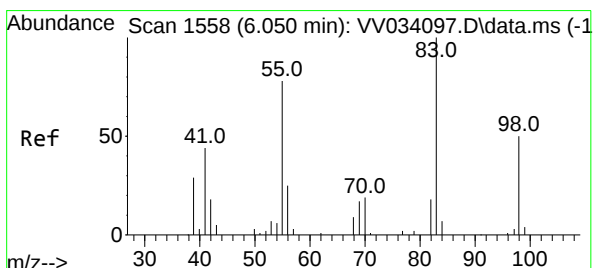
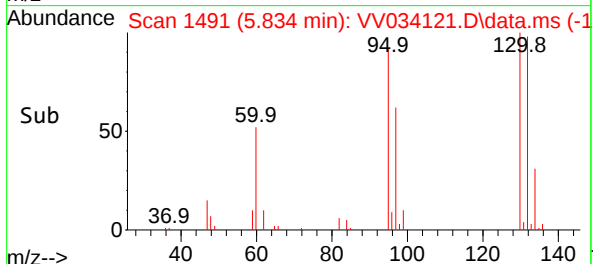
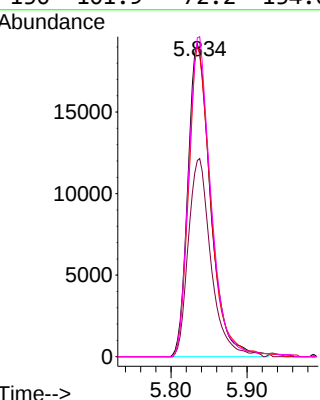
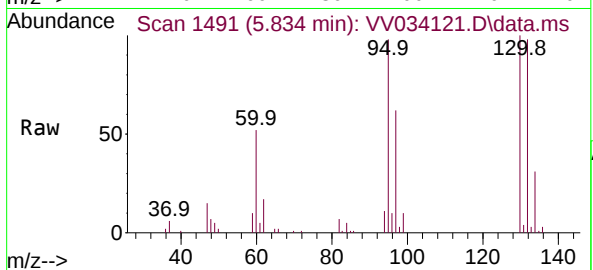
Ion Ratio Lower Upper

95 100

97 62.7 45.1 83.7

132 99.4 66.0 122.6

130 101.9 72.2 134.0



#35

Methylcyclohexane

Concen: 4.466 ug/L

RT: 6.050 min Scan# 1558

Delta R.T. 0.000 min

Lab File: VV034121.D

Acq: 09 Feb 2024 18:52

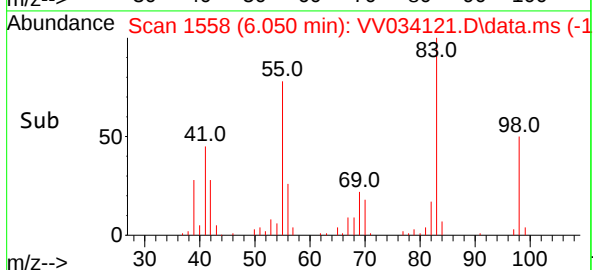
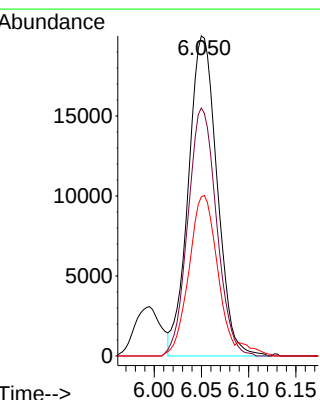
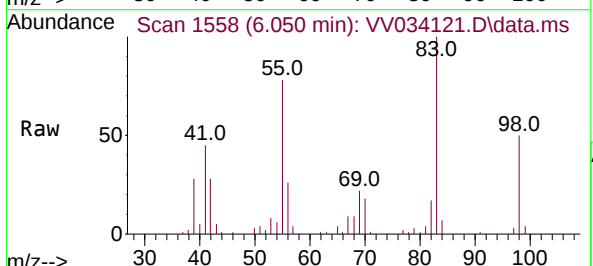
Tgt Ion: 83 Resp: 42299

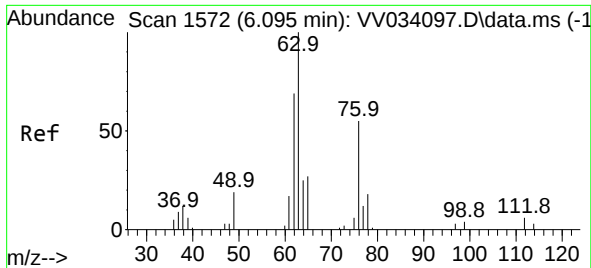
Ion Ratio Lower Upper

83 100

55 77.0 63.5 95.3

98 51.6 39.0 58.4

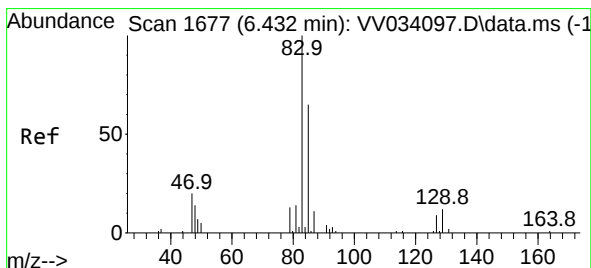
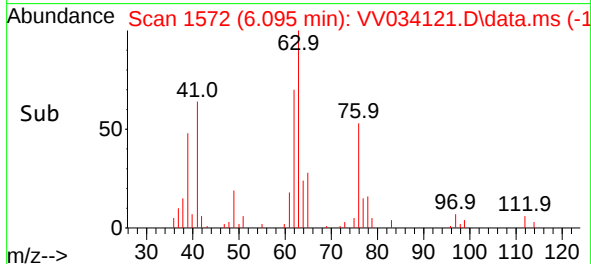
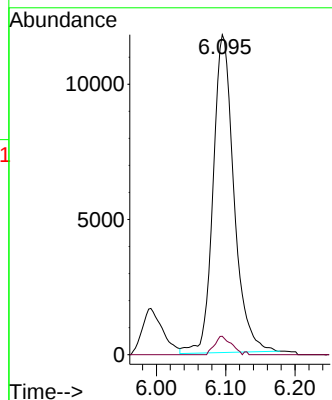
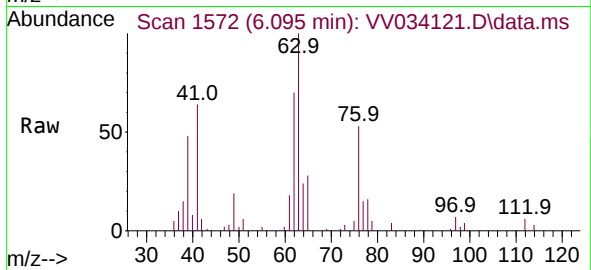




#37
1,2-Dichloropropane
Concen: 4.873 ug/L
RT: 6.095 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV034121.D
Acq: 09 Feb 2024 18:52

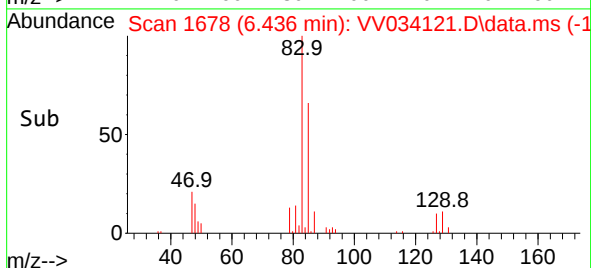
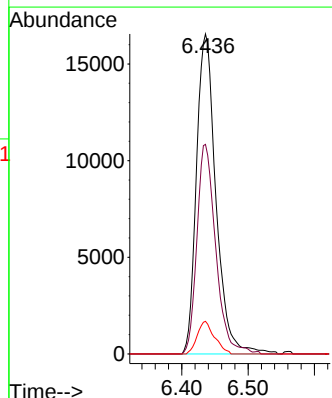
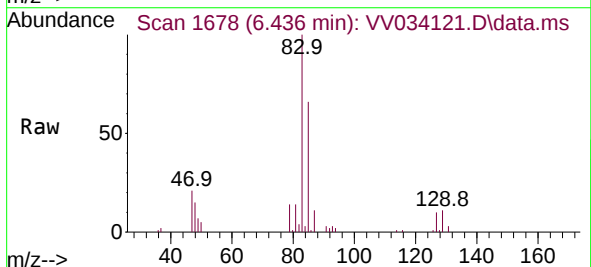
Instrument :
MSVOA_V
ClientSampleId :

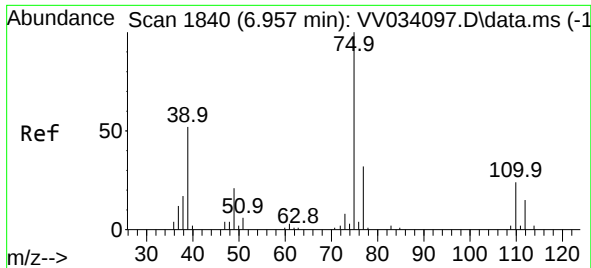
Tgt Ion: 63 Resp: 24609
Ion Ratio Lower Upper
63 100
112 4.6 3.4 5.0



#38
Bromodichloromethane
Concen: 5.111 ug/L
RT: 6.436 min Scan# 1678
Delta R.T. 0.003 min
Lab File: VV034121.D
Acq: 09 Feb 2024 18:52

Tgt Ion: 83 Resp: 33880
Ion Ratio Lower Upper
83 100
85 65.5 45.4 84.2
127 10.2 6.5 9.7#





#39

cis-1,3-Dichloropropene

Concen: 4.971 ug/L

RT: 6.957 min Scan# 11

Delta R.T. 0.000 min

Lab File: VV034121.D

Acq: 09 Feb 2024 18:52

Instrument :

MSVOA_V

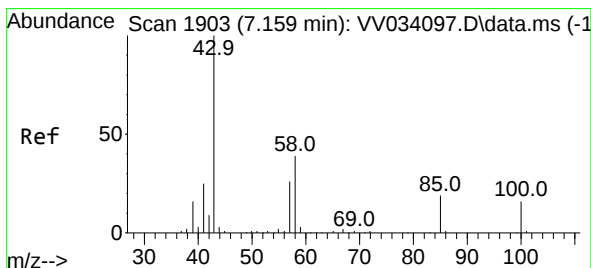
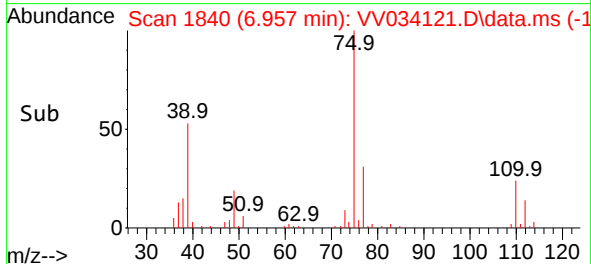
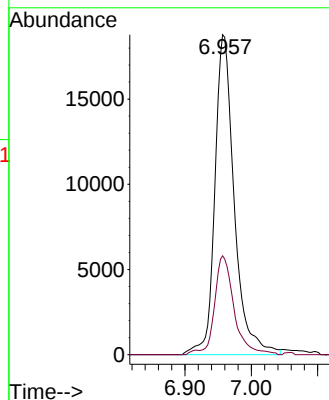
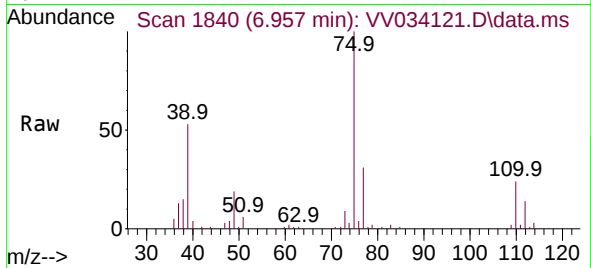
ClientSampleId :

Tgt Ion: 75 Resp: 38198

Ion Ratio Lower Upper

75 100

77 30.9 22.9 42.5



#40

4-Methyl-2-pentanone

Concen: 53.226 ug/L

RT: 7.156 min Scan# 1902

Delta R.T. -0.003 min

Lab File: VV034121.D

Acq: 09 Feb 2024 18:52

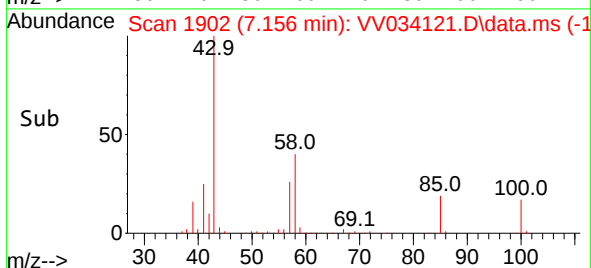
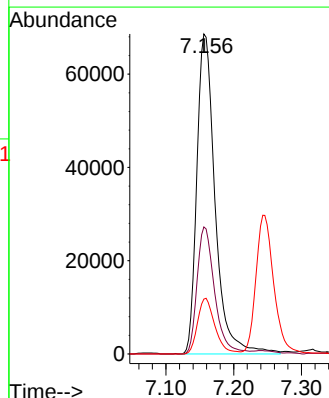
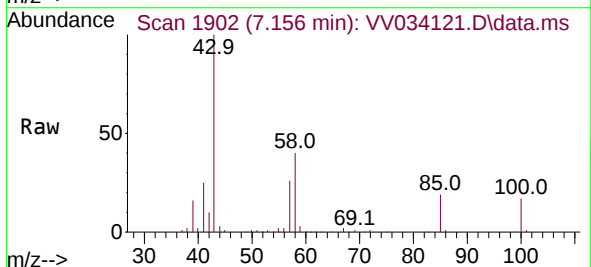
Tgt Ion: 43 Resp: 128708

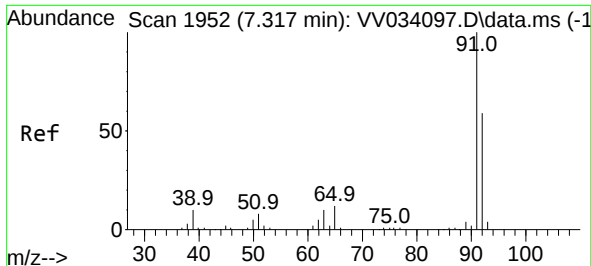
Ion Ratio Lower Upper

43 100

58 38.2 30.2 45.2

100 16.6 12.1 18.1





#42

Toluene

Concen: 5.374 ug/L

RT: 7.317 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VV034121.D

Acq: 09 Feb 2024 18:52

Instrument :

MSVOA_V

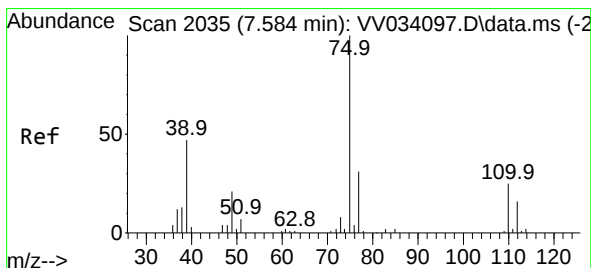
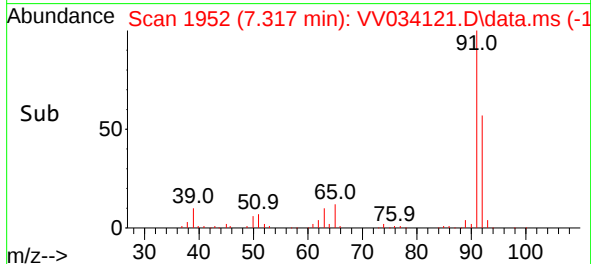
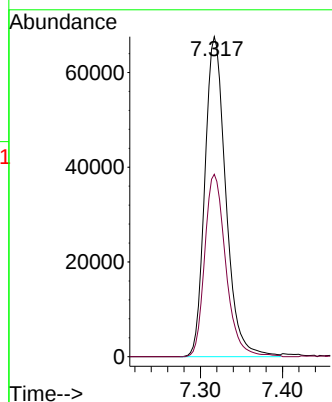
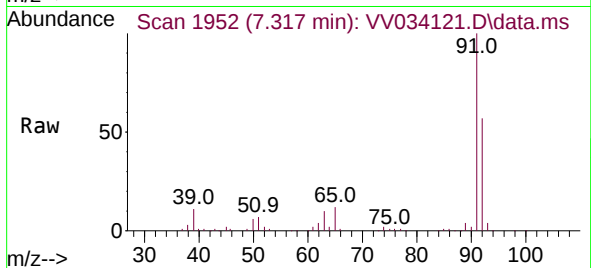
ClientSampleId :

Tgt Ion: 91 Resp: 119742

Ion Ratio Lower Upper

91 100

92 57.0 42.1 78.3



#44

trans-1,3-Dichloropropene

Concen: 5.183 ug/L

RT: 7.584 min Scan# 2035

Delta R.T. 0.000 min

Lab File: VV034121.D

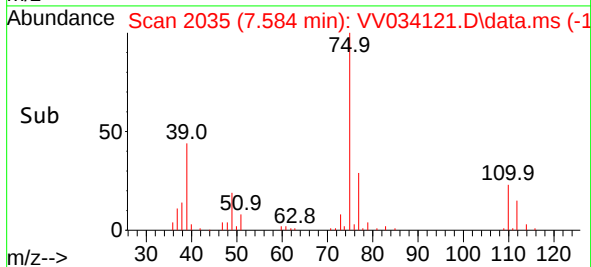
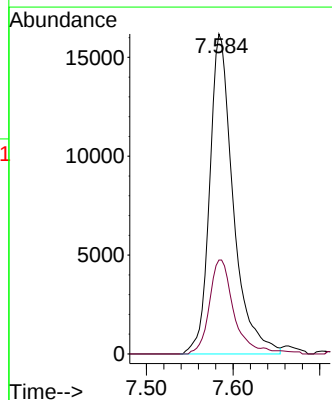
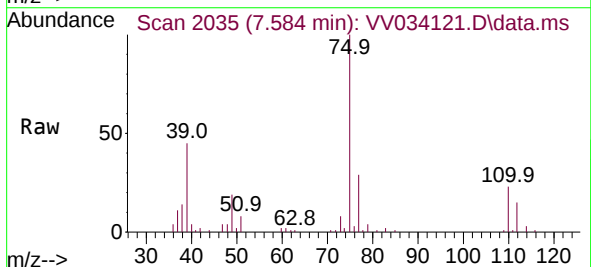
Acq: 09 Feb 2024 18:52

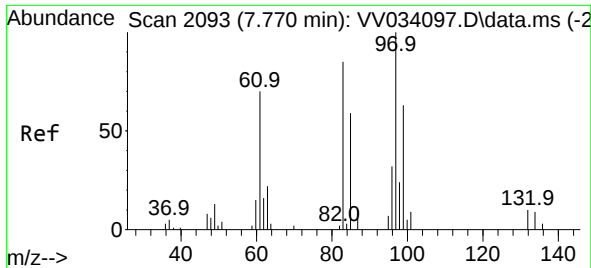
Tgt Ion: 75 Resp: 30578

Ion Ratio Lower Upper

75 100

77 29.4 22.2 41.2

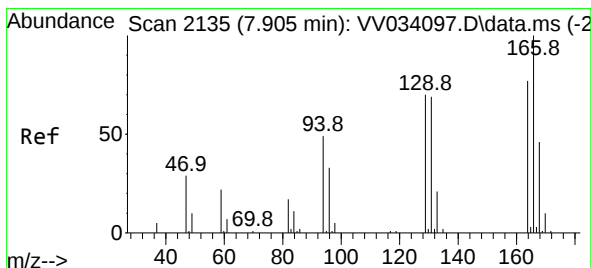
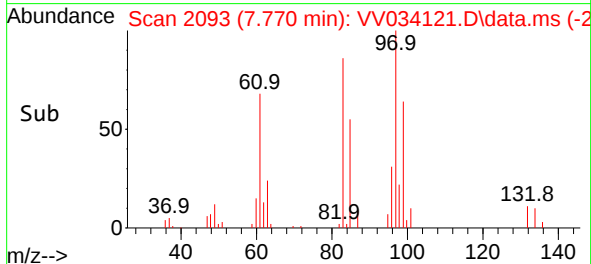
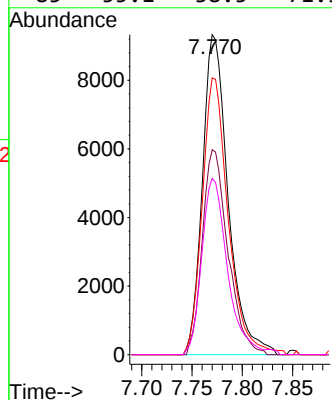
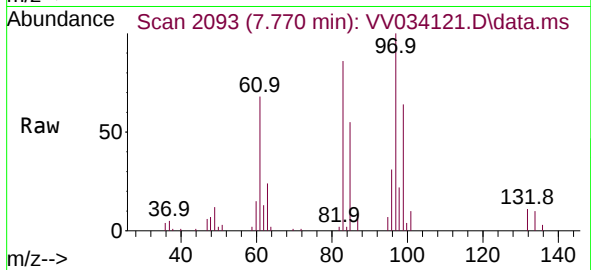




#45
1,1,2-Trichloroethane
Concen: 5.331 ug/L
RT: 7.770 min Scan# 2093
Delta R.T. 0.000 min
Lab File: VV034121.D
Acq: 09 Feb 2024 18:52

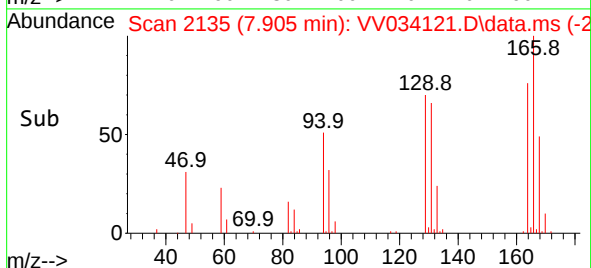
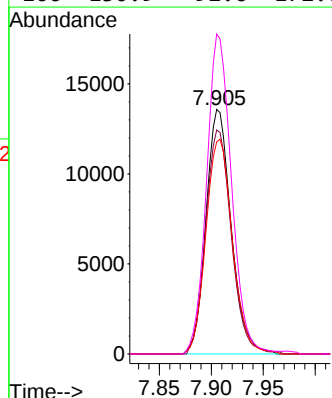
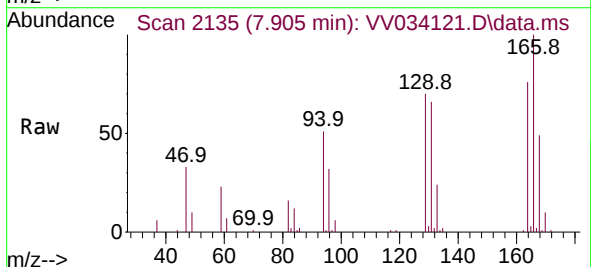
Instrument :
MSVOA_V
ClientSampleId :

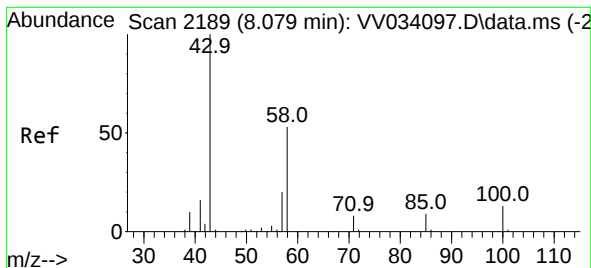
Tgt Ion:	97	Resp:	16623
Ion	Ratio	Lower	Upper
97	100		
99	64.1	45.6	84.6
83	86.5	62.3	115.7
85	55.1	38.5	71.5



#47
Tetrachloroethene
Concen: 4.676 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. 0.000 min
Lab File: VV034121.D
Acq: 09 Feb 2024 18:52

Tgt Ion:	164	Resp:	22923
Ion	Ratio	Lower	Upper
164	100		
129	91.6	67.8	125.8
131	86.8	63.0	117.0
166	130.9	92.6	172.0





#48

2-Hexanone

Concen: 51.584 ug/L

RT: 8.076 min Scan# 2189

Delta R.T. -0.003 min

Lab File: VV034121.D

Acq: 09 Feb 2024 18:52

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 43 Resp: 87926

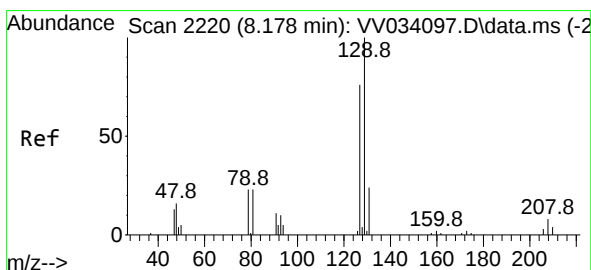
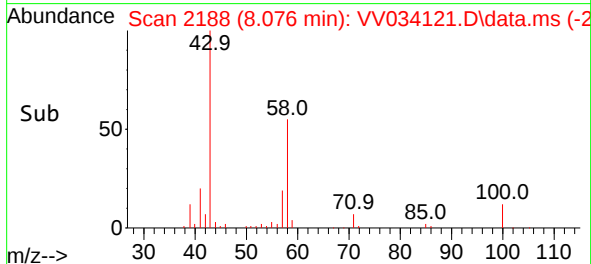
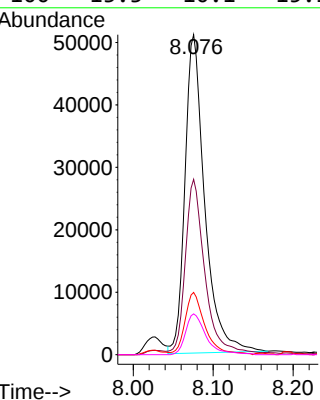
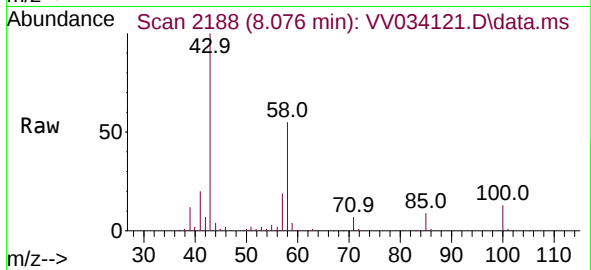
Ion Ratio Lower Upper

43 100

58 53.2 42.6 64.0

57 19.8 15.5 23.3

100 13.3 10.1 15.1



#49

Dibromochloromethane

Concen: 5.277 ug/L

RT: 8.178 min Scan# 2220

Delta R.T. 0.000 min

Lab File: VV034121.D

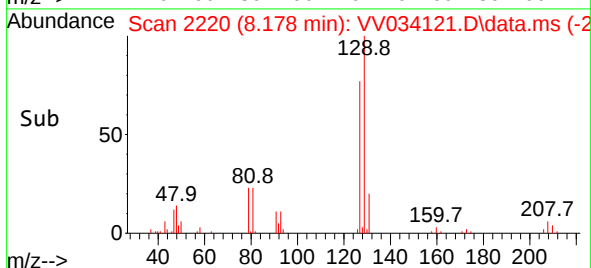
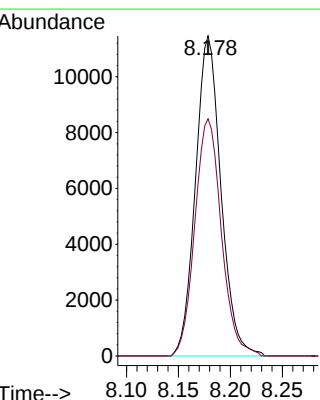
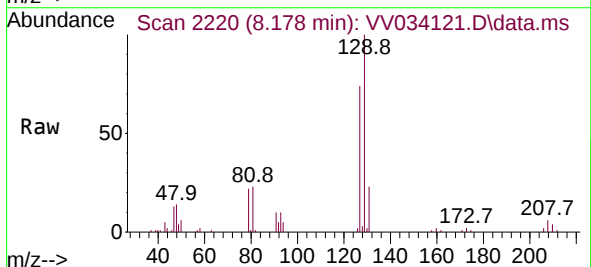
Acq: 09 Feb 2024 18:52

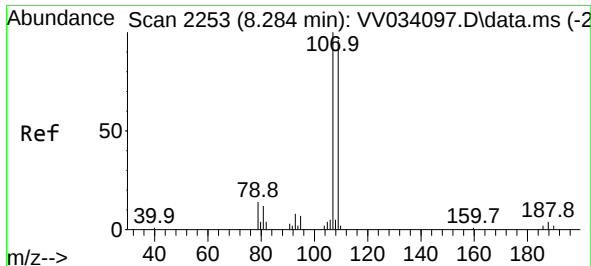
Tgt Ion:129 Resp: 19553

Ion Ratio Lower Upper

129 100

127 74.1 53.5 99.5





#50

1,2-Dibromoethane

Concen: 5.521 ug/L

RT: 8.285 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV034121.D

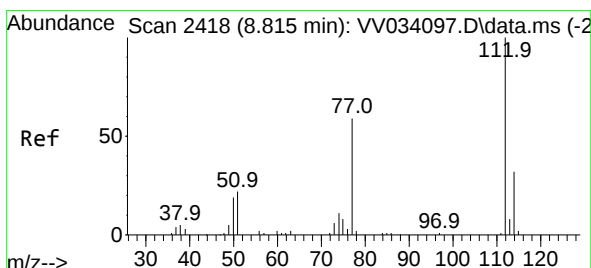
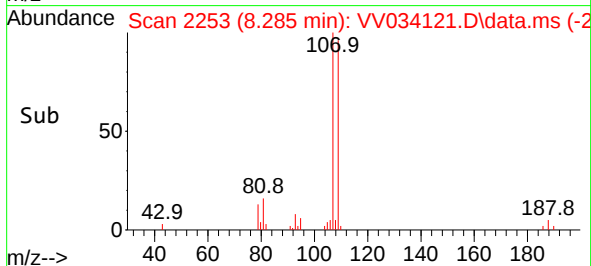
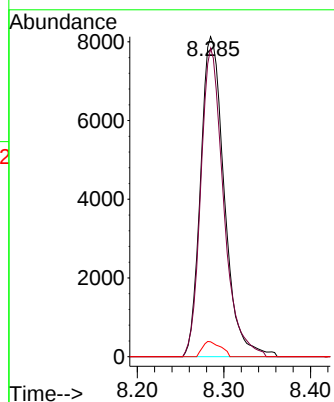
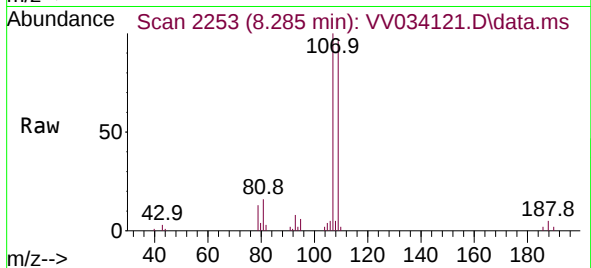
Acq: 09 Feb 2024 18:52

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:107	Resp:	15453
Ion Ratio	Lower	Upper
107	100	
109	96.4	64.5 119.9
188	4.6	2.6 4.0#



#51

Chlorobenzene

Concen: 5.014 ug/L

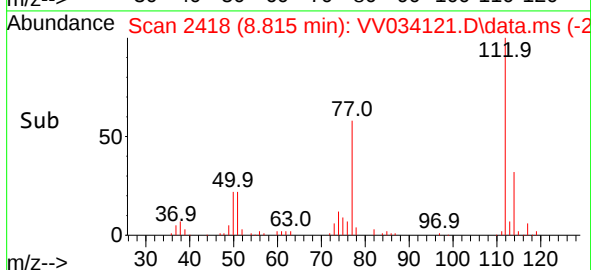
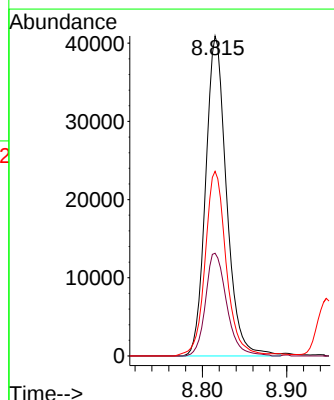
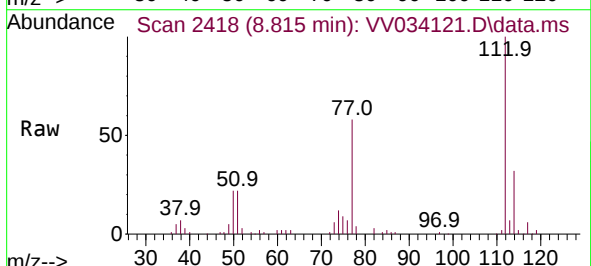
RT: 8.815 min Scan# 2418

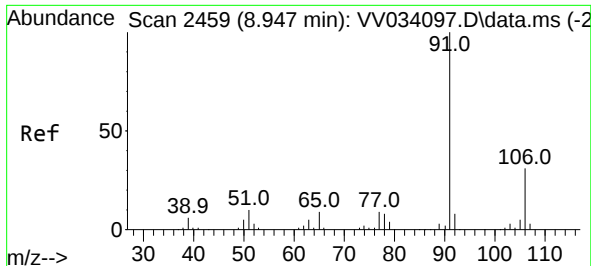
Delta R.T. 0.000 min

Lab File: VV034121.D

Acq: 09 Feb 2024 18:52

Tgt Ion:112	Resp:	70634
Ion Ratio	Lower	Upper
112	100	
114	32.1	22.5 41.7
77	57.7	48.1 72.1

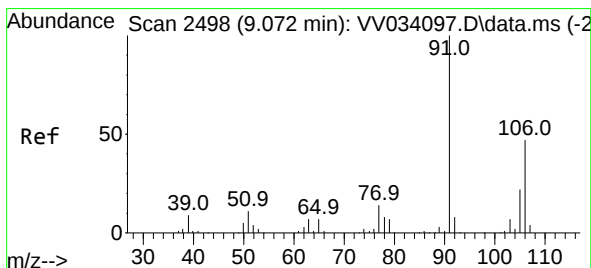
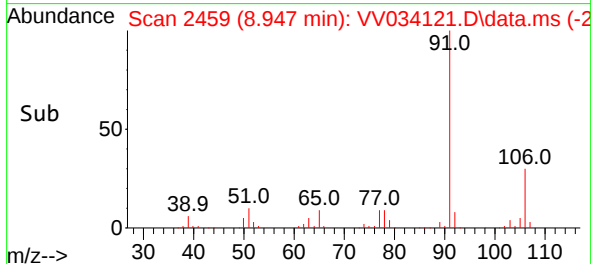
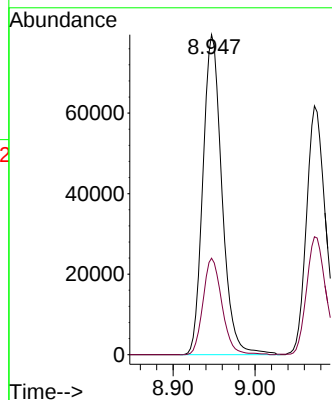
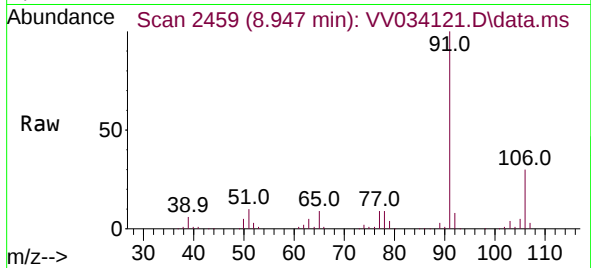




#52
Ethylbenzene
Concen: 5.010 ug/L
RT: 8.947 min Scan# 2459
Delta R.T. 0.000 min
Lab File: VV034121.D
Acq: 09 Feb 2024 18:52

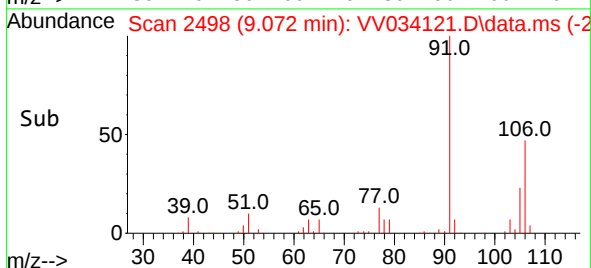
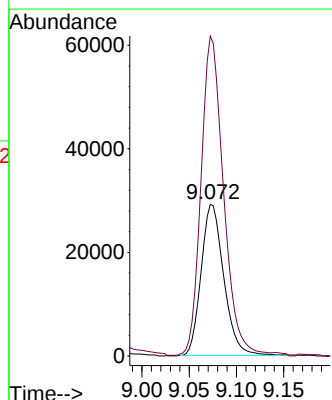
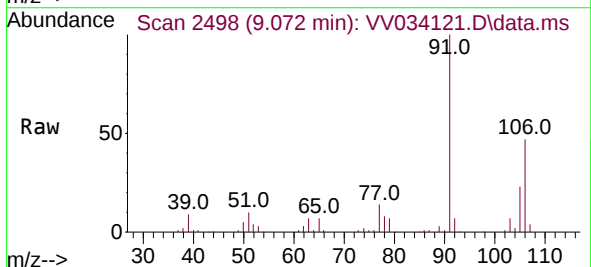
Instrument :
MSVOA_V
ClientSampleId :

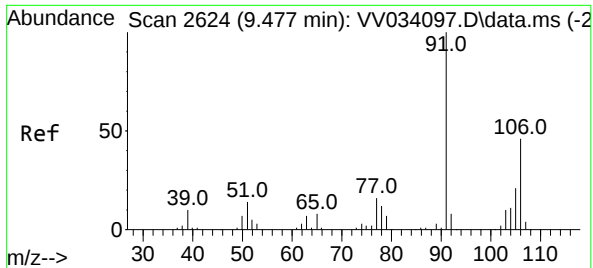
Tgt Ion: 91 Resp: 128498
Ion Ratio Lower Upper
91 100
106 30.2 21.4 39.8



#53
m,p-Xylene
Concen: 5.010 ug/L
RT: 9.072 min Scan# 2498
Delta R.T. 0.000 min
Lab File: VV034121.D
Acq: 09 Feb 2024 18:52

Tgt Ion: 106 Resp: 48552
Ion Ratio Lower Upper
106 100
91 210.9 147.5 273.9

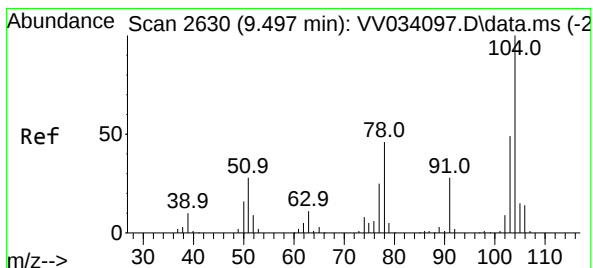
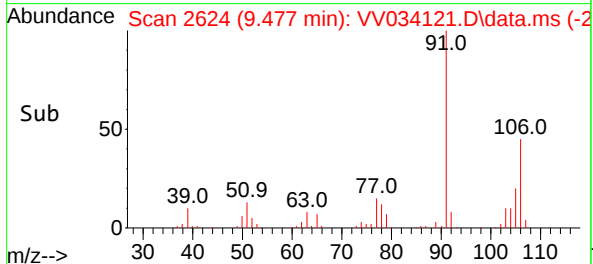
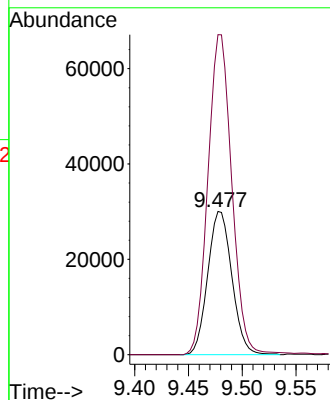
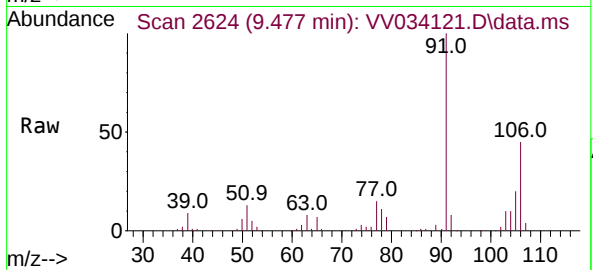




#54
o-Xylene
Concen: 5.031 ug/L
RT: 9.477 min Scan# 2624
Delta R.T. 0.000 min
Lab File: VV034121.D
Acq: 09 Feb 2024 18:52

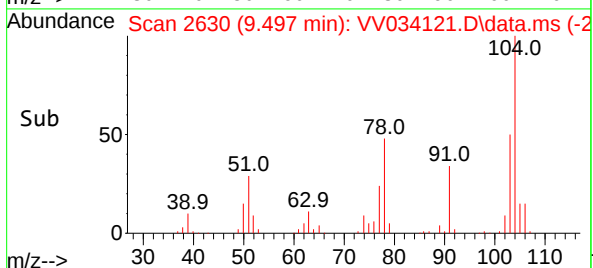
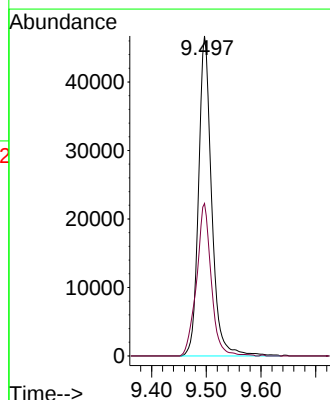
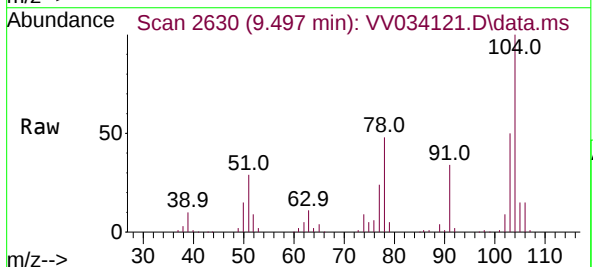
Instrument :
MSVOA_V
ClientSampleId :

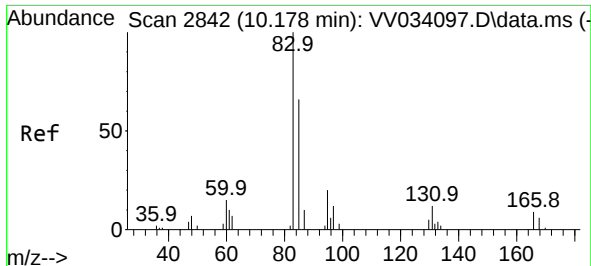
Tgt Ion:106 Resp: 47015
Ion Ratio Lower Upper
106 100
91 223.3 156.2 290.0



#55
Styrene
Concen: 5.203 ug/L
RT: 9.497 min Scan# 2630
Delta R.T. 0.000 min
Lab File: VV034121.D
Acq: 09 Feb 2024 18:52

Tgt Ion:104 Resp: 77860
Ion Ratio Lower Upper
104 100
78 47.7 32.9 61.1





#57

1,1,2,2-Tetrachloroethane

Concen: 5.489 ug/L

RT: 10.178 min Scan# 2842

Delta R.T. 0.000 min

Lab File: VV034121.D

Acq: 09 Feb 2024 18:52

Instrument :

MSVOA_V

ClientSampleId :

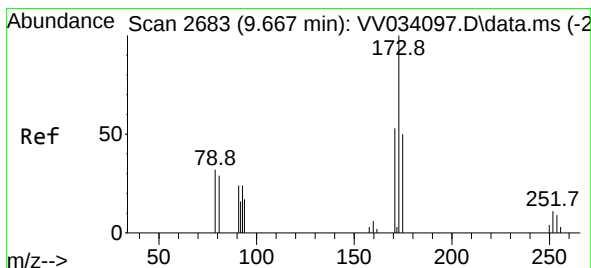
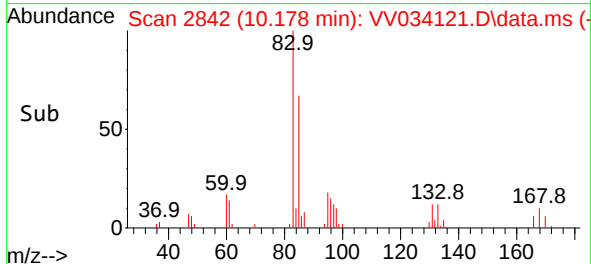
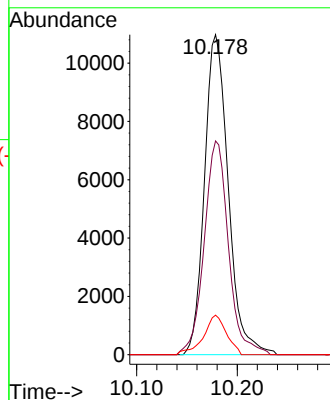
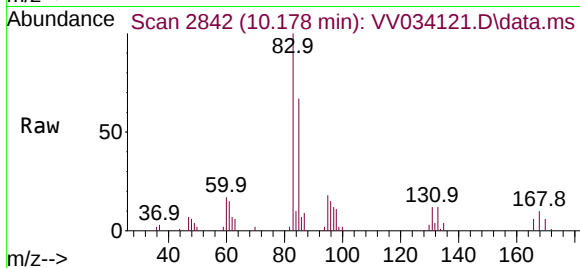
Tgt Ion: 83 Resp: 18063

Ion Ratio Lower Upper

83 100

85 66.8 46.5 86.3

131 12.3 8.4 12.6



#59

Bromoform

Concen: 5.128 ug/L

RT: 9.667 min Scan# 2683

Delta R.T. 0.000 min

Lab File: VV034121.D

Acq: 09 Feb 2024 18:52

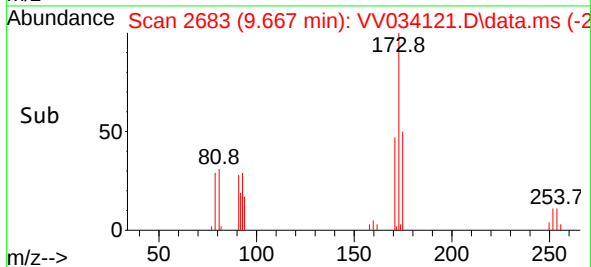
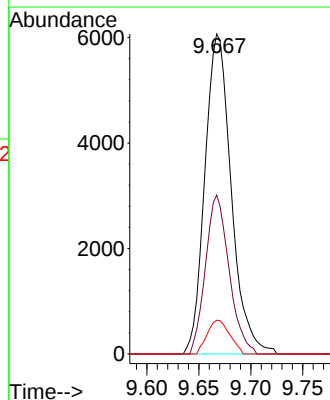
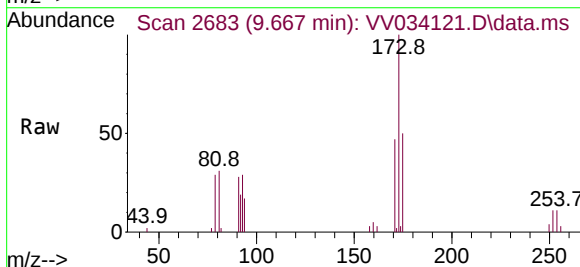
Tgt Ion: 173 Resp: 10698

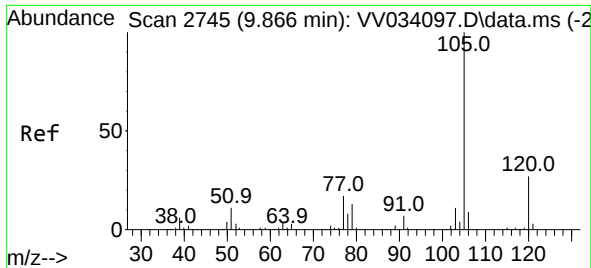
Ion Ratio Lower Upper

173 100

175 44.4 38.6 57.8

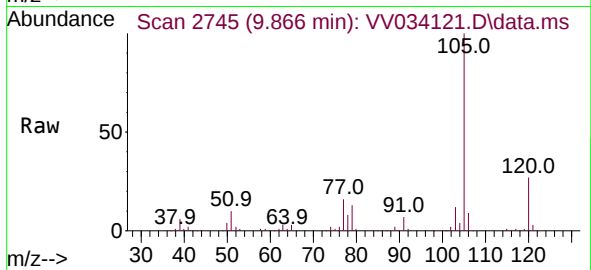
254 9.0 7.2 10.8



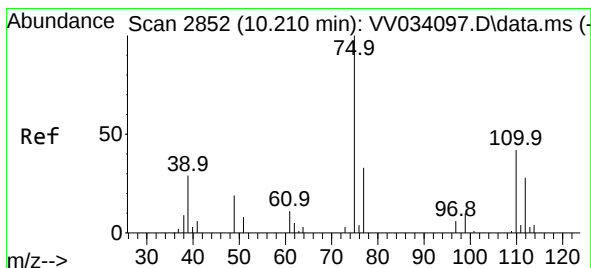
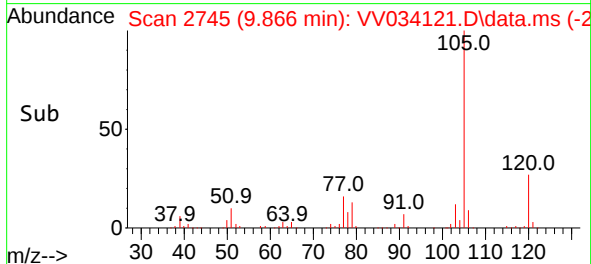
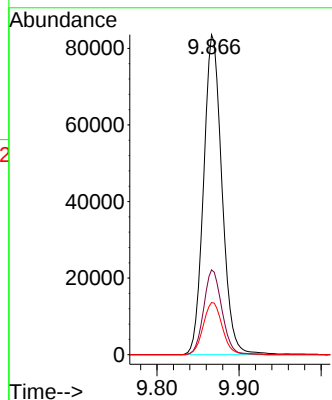


#60
Isopropylbenzene
Concen: 4.631 ug/L
RT: 9.866 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV034121.D
Acq: 09 Feb 2024 18:52

Instrument :
MSVOA_V
ClientSampleId :

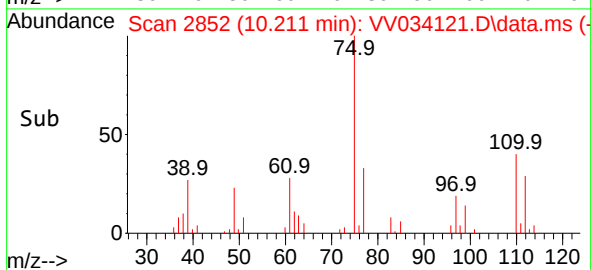
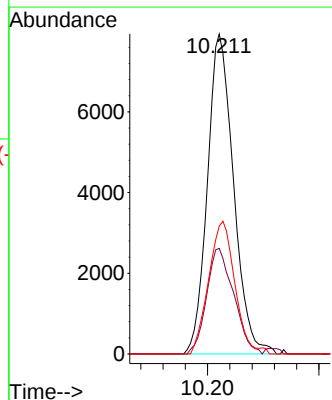
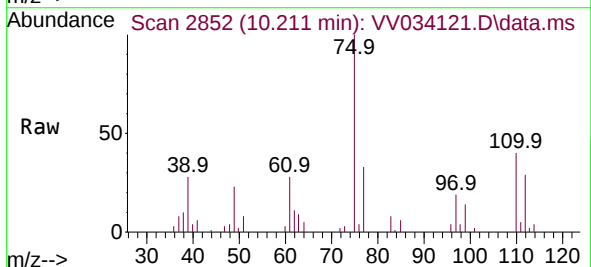


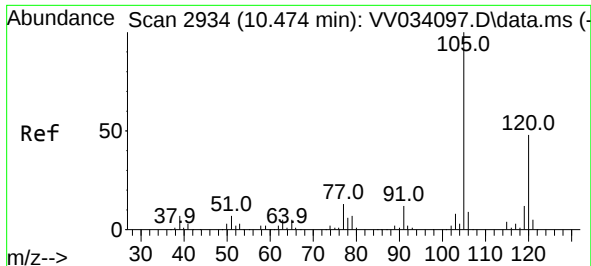
Tgt Ion:105 Resp: 129770
Ion Ratio Lower Upper
105 100
120 26.4 20.7 31.1
77 17.0 13.0 19.6



#61
1,2,3-Trichloropropane
Concen: 4.964 ug/L
RT: 10.211 min Scan# 2852
Delta R.T. 0.000 min
Lab File: VV034121.D
Acq: 09 Feb 2024 18:52

Tgt Ion: 75 Resp: 12923
Ion Ratio Lower Upper
75 100
77 34.0 26.9 40.3
110 41.7 33.3 49.9

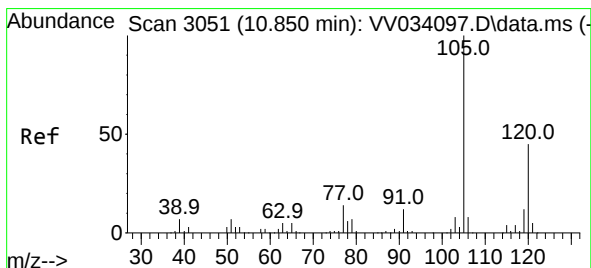
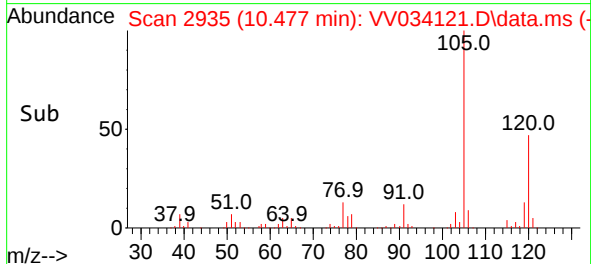
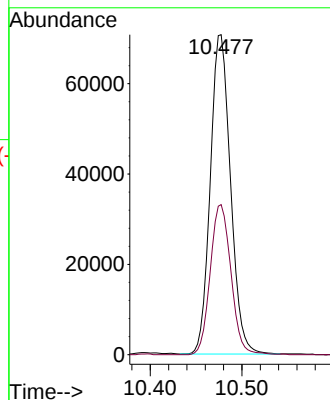
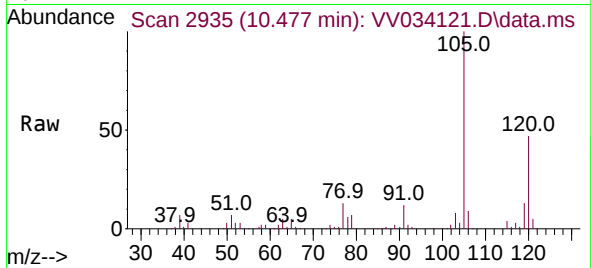




#62
1,3,5-Trimethylbenzene
Concen: 4.570 ug/L
RT: 10.477 min Scan# 2935
Delta R.T. 0.003 min
Lab File: VV034121.D
Acq: 09 Feb 2024 18:52

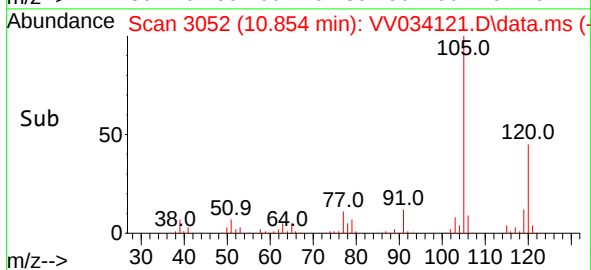
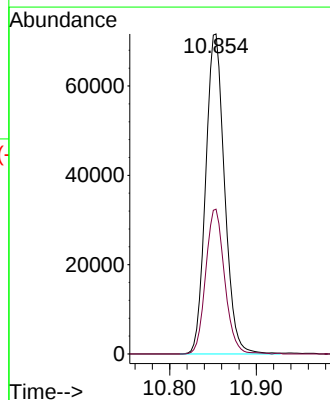
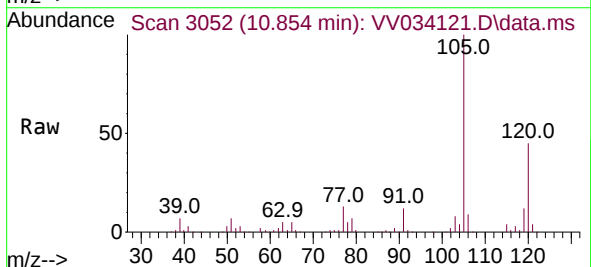
Instrument :
MSVOA_V
ClientSampleId :

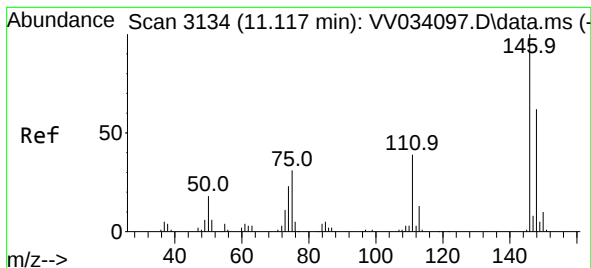
Tgt Ion:105 Resp: 108258
Ion Ratio Lower Upper
105 100
120 48.2 38.2 57.4



#63
1,2,4-Trimethylbenzene
Concen: 4.720 ug/L
RT: 10.854 min Scan# 3052
Delta R.T. 0.003 min
Lab File: VV034121.D
Acq: 09 Feb 2024 18:52

Tgt Ion:105 Resp: 108637
Ion Ratio Lower Upper
105 100
120 45.4 36.2 54.2





#64

1,3-Dichlorobenzene

Concen: 4.889 ug/L

RT: 11.117 min Scan# 3134

Delta R.T. 0.000 min

Lab File: VV034121.D

Acq: 09 Feb 2024 18:52

Instrument :

MSVOA_V

ClientSampleId :

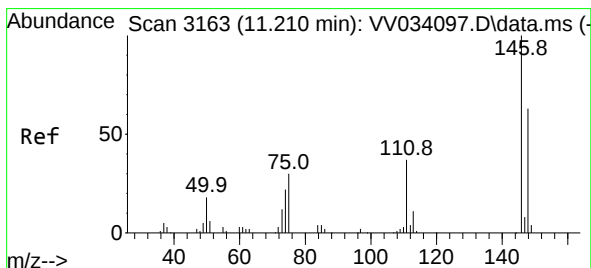
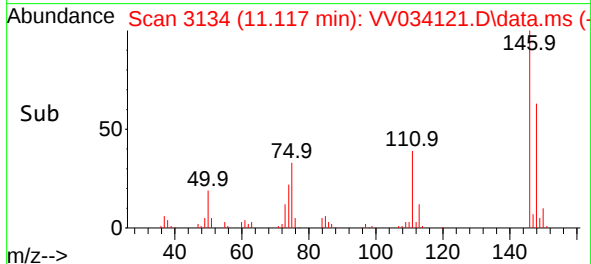
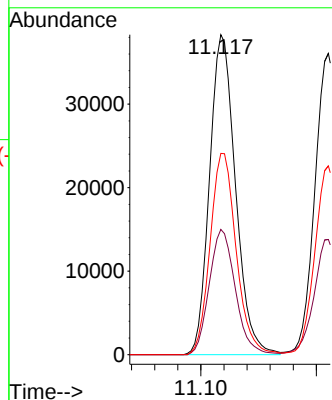
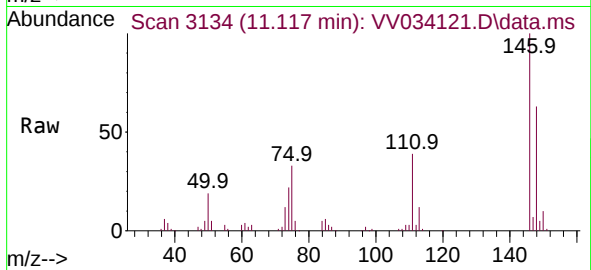
Tgt Ion:146 Resp: 59733

Ion Ratio Lower Upper

146 100

111 39.1 28.5 52.9

148 62.9 44.4 82.4



#65

1,4-Dichlorobenzene

Concen: 4.826 ug/L

RT: 11.210 min Scan# 3163

Delta R.T. 0.000 min

Lab File: VV034121.D

Acq: 09 Feb 2024 18:52

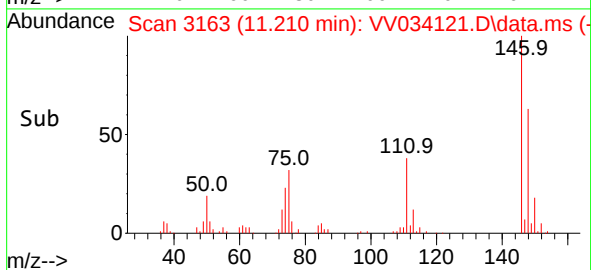
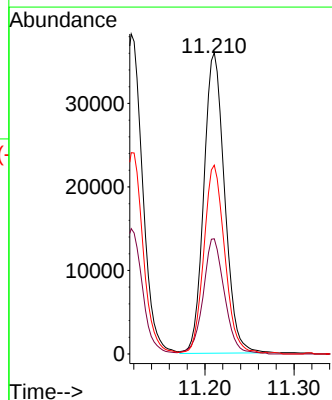
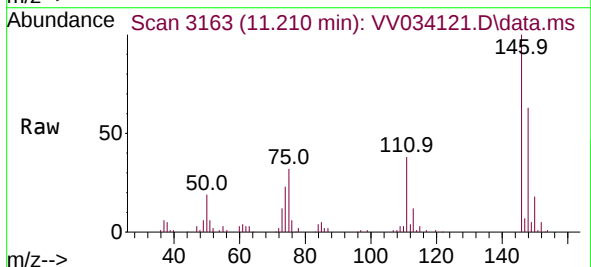
Tgt Ion:146 Resp: 58383

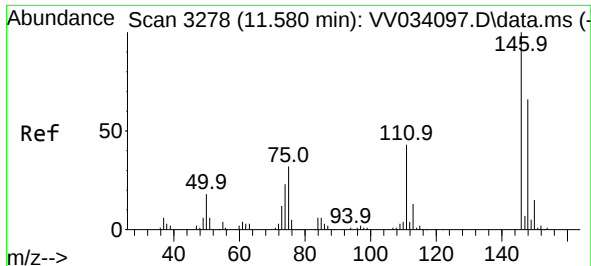
Ion Ratio Lower Upper

146 100

111 38.3 27.6 51.4

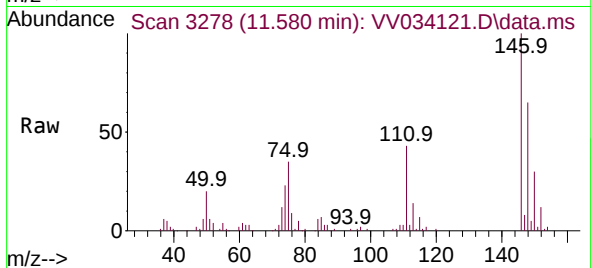
148 62.7 44.8 83.2



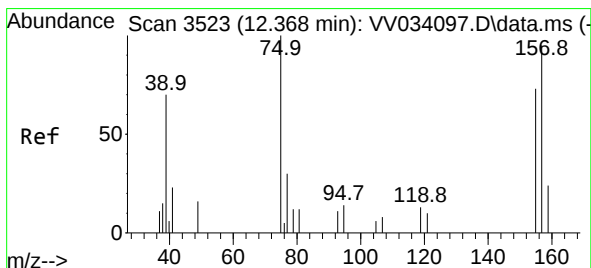
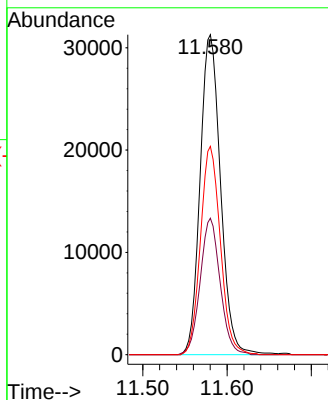
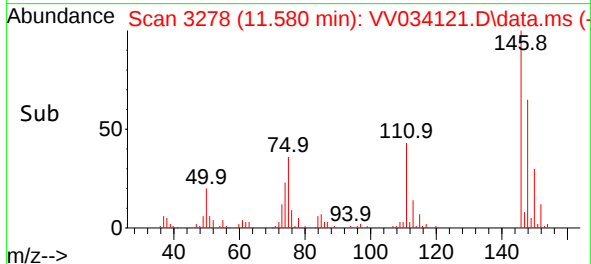


#67
1,2-Dichlorobenzene
Concen: 5.036 ug/L
RT: 11.580 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV034121.D
Acq: 09 Feb 2024 18:52

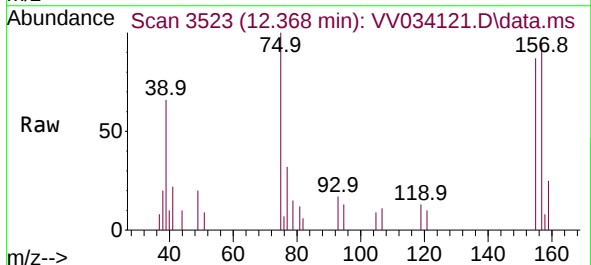
Instrument :
MSVOA_V
ClientSampleId :



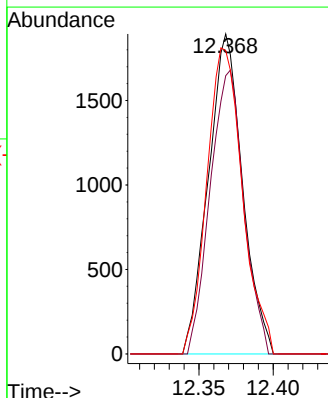
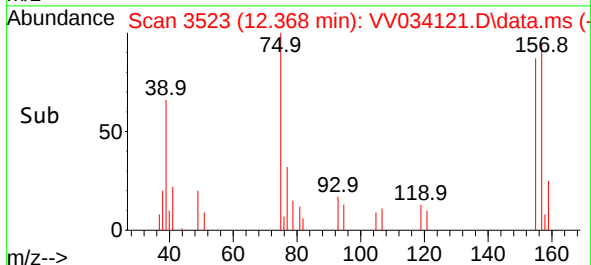
Tgt Ion:146 Resp: 52844
Ion Ratio Lower Upper
146 100
111 42.7 31.2 46.8
148 65.1 49.8 74.8

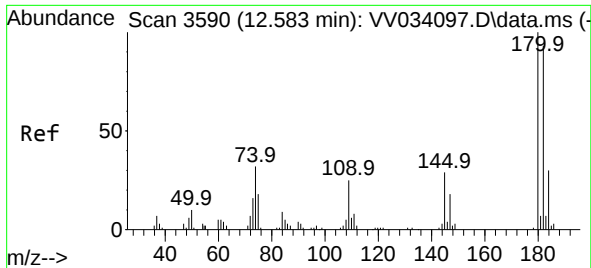


#68
1,2-Dibromo-3-chloropropane
Concen: 5.563 ug/L
RT: 12.368 min Scan# 3523
Delta R.T. 0.000 min
Lab File: VV034121.D
Acq: 09 Feb 2024 18:52



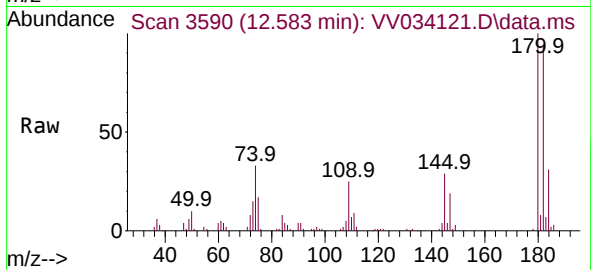
Tgt Ion: 75 Resp: 3035
Ion Ratio Lower Upper
75 100
155 87.0 68.9 103.3
157 94.8 84.6 127.0



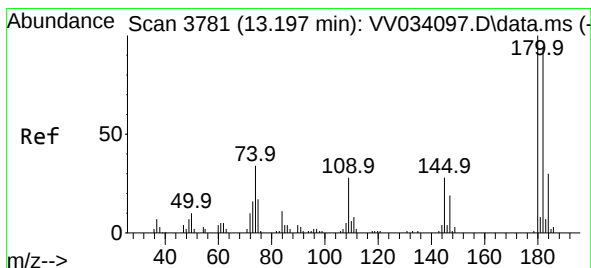
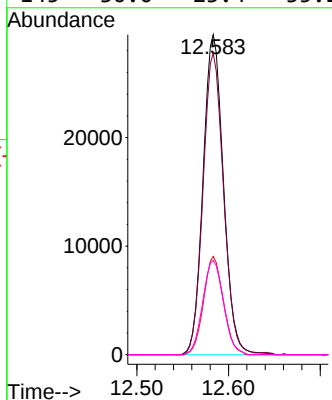


#69
1,3,5-Trichlorobenzene
Concen: 4.821 ug/L
RT: 12.583 min Scan# 3590
Delta R.T. 0.000 min
Lab File: VV034121.D
Acq: 09 Feb 2024 18:52

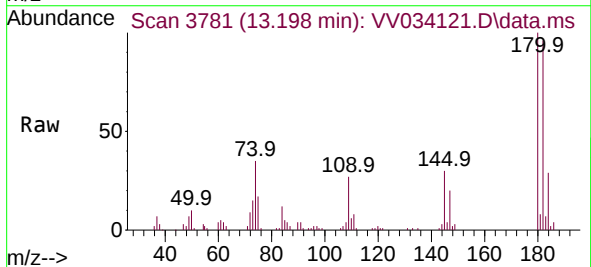
Instrument :
MSVOA_V
ClientSampleId :



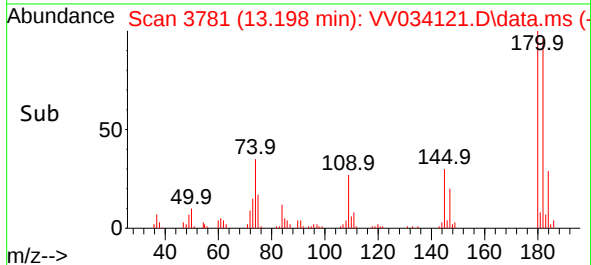
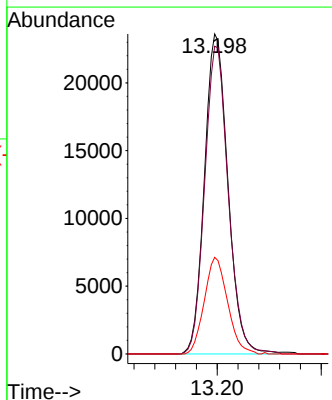
Tgt Ion:180 Resp: 45580
Ion Ratio Lower Upper
180 100
182 94.3 77.0 115.4
184 29.8 23.8 35.6
145 30.0 23.4 35.2

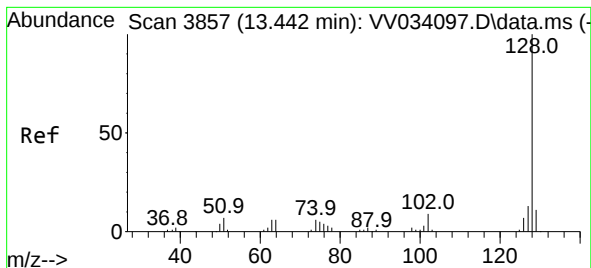


#70
1,2,4-trichlorobenzene
Concen: 5.016 ug/L
RT: 13.198 min Scan# 3781
Delta R.T. 0.000 min
Lab File: VV034121.D
Acq: 09 Feb 2024 18:52



Tgt Ion:180 Resp: 37019
Ion Ratio Lower Upper
180 100
182 96.3 76.8 115.2
145 29.9 24.8 37.2





#71

Naphthalene

Concen: 5.723 ug/L

RT: 13.442 min Scan# 3857

Delta R.T. 0.000 min

Lab File: VV034121.D

Acq: 09 Feb 2024 18:52

Instrument :

MSVOA_V

ClientSampleId :

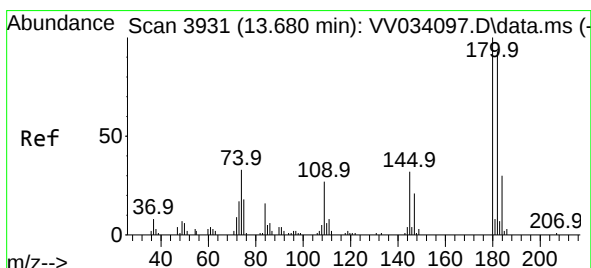
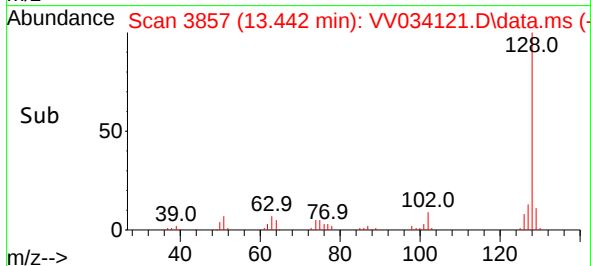
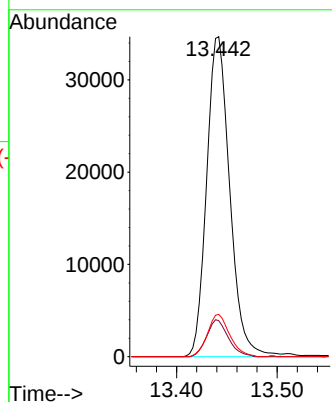
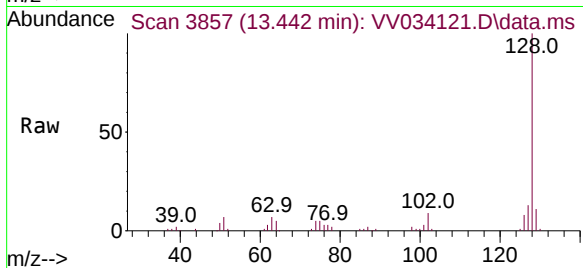
Tgt Ion:128 Resp: 55351

Ion Ratio Lower Upper

128 100

129 10.8 8.5 12.7

127 12.8 10.4 15.6



#72

1,2,3-Trichlorobenzene

Concen: 5.276 ug/L

RT: 13.680 min Scan# 3931

Delta R.T. 0.000 min

Lab File: VV034121.D

Acq: 09 Feb 2024 18:52

Tgt Ion:180 Resp: 31203

Ion Ratio Lower Upper

180 100

182 96.4 75.0 112.6

145 32.7 25.2 37.8

