

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW040224\
 Data File : VW034943.D
 Acq On : 02 Apr 2024 19:55
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 03 05:24:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Apr 03 05:08:19 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	155154	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	152683	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	81376	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	57736	4.515	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.400%
7) Chloroethane-d5	1.535	69	47182	4.475	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.600%
11) 1,1-Dichloroethene-d2	2.060	65	26219	4.515	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.200%
20) 2-Butanone-d5	3.815	46	140008	69.980	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	139.960%#
24) Chloroform-d	4.252	84	101178	4.890	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.800%
26) 1,2-Dichloroethane-d4	4.947	65	51447	5.506	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.200%
32) Benzene-d6	4.963	84	196156	4.911	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.200%
36) 1,2-Dichloropropane-d6	5.989	67	59060	5.038	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.800%
41) Toluene-d8	7.243	98	182184	5.022	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.400%
43) trans-1,3-Dichloroprop...	7.558	79	22176	5.325	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	106.600%
46) 2-Hexanone-d5	8.027	63	106970	74.846	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	149.700%#
56) 1,1,2,2-Tetrachloroeth...	10.152	84	52643	6.436	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	128.800%#
66) 1,2-Dichlorobenzene-d4	11.561	152	62876	4.905	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	62870	5.265	ug/L	100
3) Chloromethane	1.217	50	69685	4.811	ug/L	98
5) Vinyl chloride	1.285	62	75891	4.899	ug/L	96
6) Bromomethane	1.490	94	42196	4.771	ug/L	99
8) Chloroethane	1.552	64	49116	4.933	ug/L	100
9) Trichlorofluoromethane	1.715	101	109843	5.335	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	66689	5.287	ug/L	98
12) 1,1-Dichloroethene	2.069	96	58536	4.969	ug/L	93
13) Acetone	2.140	43	109298	74.890	ug/L	69
14) Carbon disulfide	2.243	76	167867	4.784	ug/L	100
15) Methyl Acetate	2.387	43	27925	6.932	ug/L	92
16) Methylene chloride	2.449	84	69298	5.362	ug/L	95
17) Methyl tert-butyl Ether	2.706	73	159020	6.269	ug/L	99
18) trans-1,2-Dichloroethene	2.696	96	57732	4.945	ug/L	91
19) 1,1-Dichloroethane	3.114	63	119412	5.184	ug/L	99
21) 2-Butanone	3.895	43	165964	70.952	ug/L #	75
22) cis-1,2-Dichloroethene	3.818	96	64597	5.283	ug/L	98
23) Bromochloromethane	4.149	128	29936	5.831	ug/L	95
25) Chloroform	4.278	83	117965	5.156	ug/L	99

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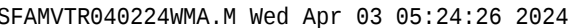
Instrument :
 MSVOA_V
 ClientSampleId :

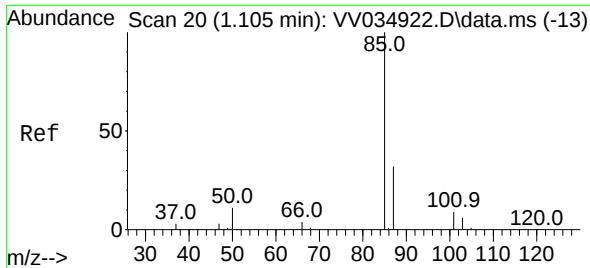
Quant Time: Apr 03 05:24:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Apr 03 05:08:19 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.047	62	77695	6.035	ug/L	99
29) 1,1,1-Trichloroethane	4.513	97	97906	5.232	ug/L	98
30) Cyclohexane	4.584	56	95101	5.517	ug/L	97
31) Carbon tetrachloride	4.735	117	83920	5.240	ug/L	99
33) Benzene	5.011	78	246408	5.271	ug/L	100
34) Trichloroethene	5.834	95	65790	5.402	ug/L	96
35) Methylcyclohexane	6.050	83	99048	5.340	ug/L	99
37) 1,2-Dichloropropane	6.095	63	66167	5.459	ug/L	99
38) Bromodichloromethane	6.436	83	85079	5.564	ug/L #	99
39) cis-1,3-Dichloropropene	6.956	75	91855	5.642	ug/L	96
40) 4-Methyl-2-pentanone	7.159	43	409111	74.812	ug/L	98
42) Toluene	7.317	91	262132	5.335	ug/L	100
44) trans-1,3-Dichloropropene	7.583	75	80965	5.999	ug/L	99
45) 1,1,2-Trichloroethane	7.770	97	49701	6.241	ug/L	98
47) Tetrachloroethene	7.905	164	47962	5.242	ug/L	97
48) 2-Hexanone	8.075	43	307216	74.418	ug/L	99
49) Dibromochloromethane	8.178	129	57017	6.083	ug/L	98
50) 1,2-Dibromoethane	8.284	107	47860	6.384	ug/L	99
51) Chlorobenzene	8.815	112	176296	5.554	ug/L	99
52) Ethylbenzene	8.947	91	278365	5.245	ug/L	99
53) m,p-Xylene	9.072	106	101119	5.189	ug/L	99
54) o-Xylene	9.477	106	102079	5.339	ug/L	97
55) Styrene	9.497	104	172527	5.612	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.178	83	62494	6.565	ug/L	97
59) Bromoform	9.667	173	30126	5.956	ug/L	97
60) Isopropylbenzene	9.866	105	255924	5.032	ug/L	99
61) 1,2,3-Trichloropropane	10.210	75	48932	6.441	ug/L	97
62) 1,3,5-Trimethylbenzene	10.474	105	203819	4.878	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	212785	5.020	ug/L	98
64) 1,3-Dichlorobenzene	11.117	146	148680	5.728	ug/L	100
65) 1,4-Dichlorobenzene	11.207	146	182141	7.006	ug/L	98
67) 1,2-Dichlorobenzene	11.580	146	128359	5.353	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.365	75	10072	6.450	ug/L	94
69) 1,3,5-Trichlorobenzene	12.580	180	93637	4.804	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	312176	20.619	ug/L	99
71) Naphthalene	13.438	128	129262	6.075	ug/L	100
72) 1,2,3-Trichlorobenzene	13.680	180	91899	6.902	ug/L	98

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

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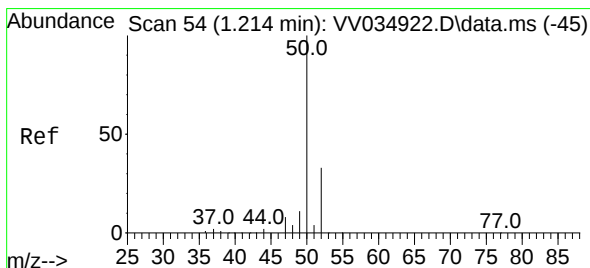
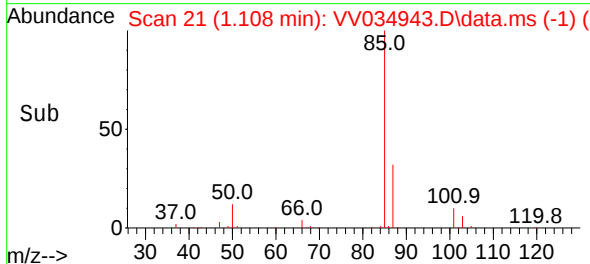
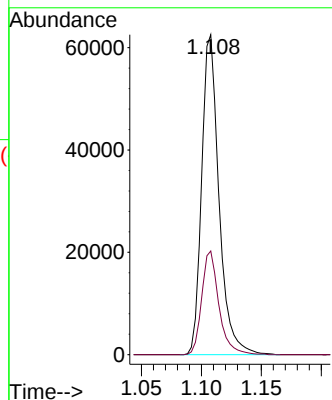
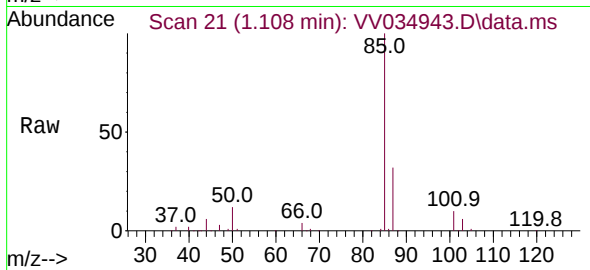




#2
 Dichlorodifluoromethane
 Concen: 5.265 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV034943.D
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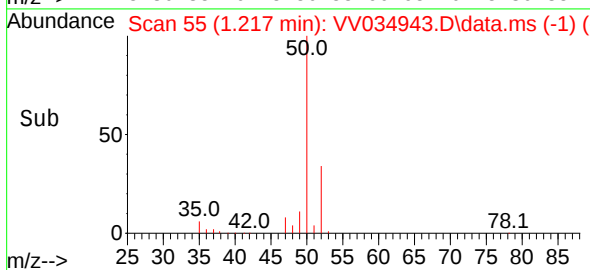
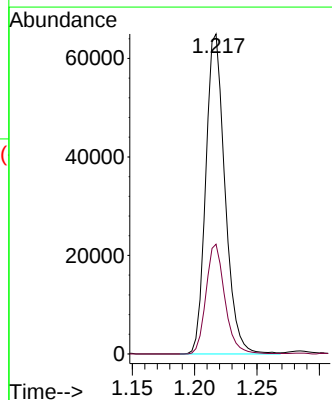
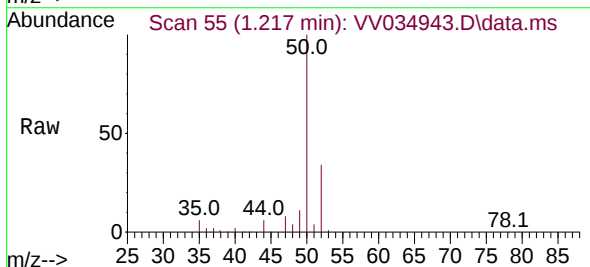
Instrument :
 MSVOA_V
 ClientSampleId :

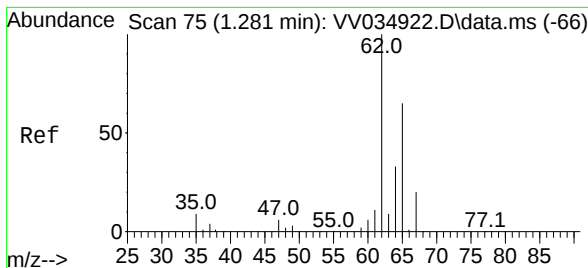
Tgt Ion: 85 Resp: 62870
 Ion Ratio Lower Upper
 85 100
 87 32.2 25.7 38.5



#3
 Chloromethane
 Concen: 4.811 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. 0.003 min
 Lab File: VV034943.D
 Acq: 02 Apr 2024 19:55

Tgt Ion: 50 Resp: 69685
 Ion Ratio Lower Upper
 50 100
 52 34.3 23.4 43.4





#5

Vinyl chloride

Concen: 4.899 ug/L

RT: 1.285 min Scan# 7

Delta R.T. 0.003 min

Lab File: VV034943.D

Acq: 02 Apr 2024 19:55

Instrument :

MSVOA_V

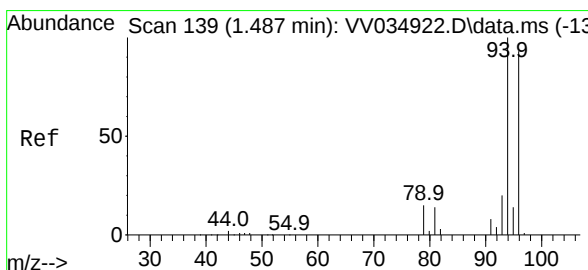
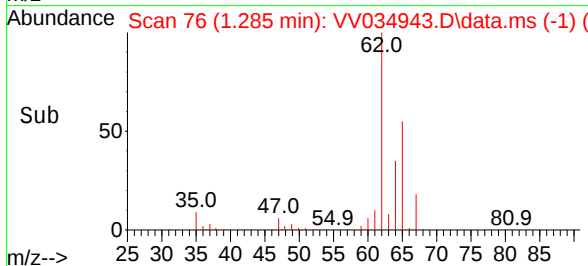
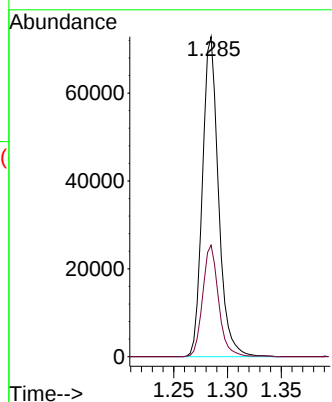
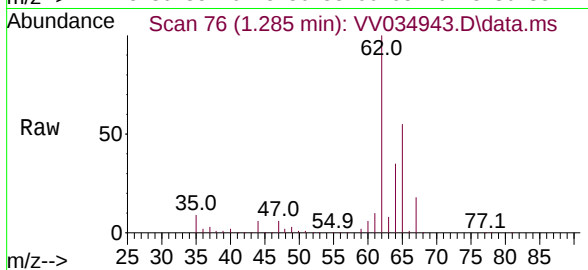
ClientSampleId :

Tgt Ion: 62 Resp: 75891

Ion Ratio Lower Upper

62 100

64 34.8 22.9 42.5



#6

Bromomethane

Concen: 4.771 ug/L

RT: 1.490 min Scan# 140

Delta R.T. 0.003 min

Lab File: VV034943.D

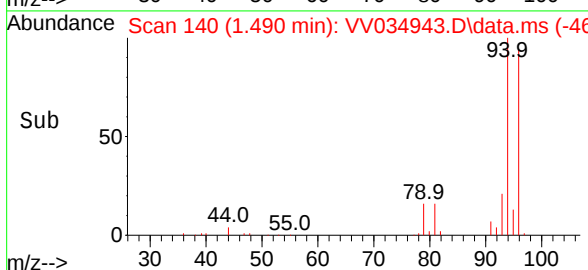
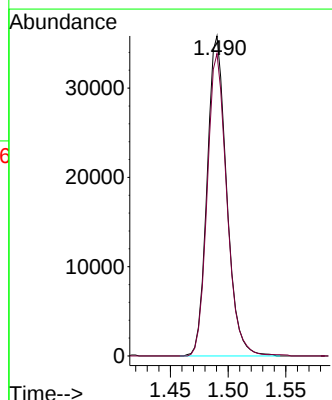
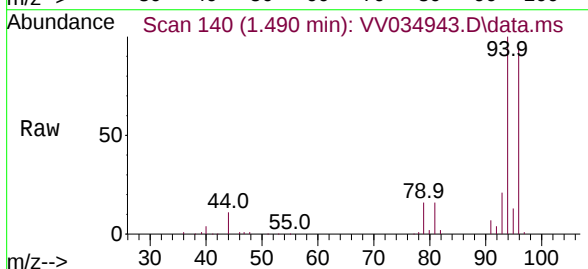
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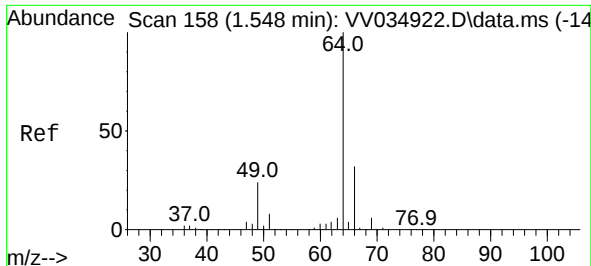
Tgt Ion: 94 Resp: 42196

Ion Ratio Lower Upper

94 100

96 94.5 65.4 121.4

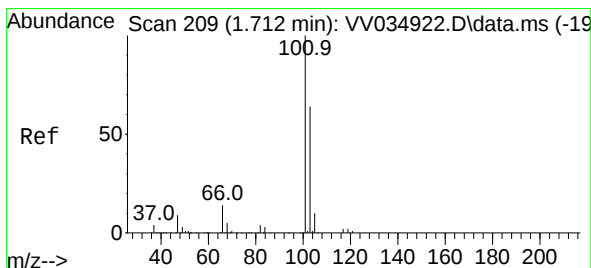
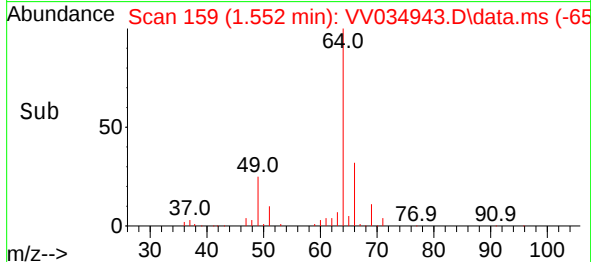
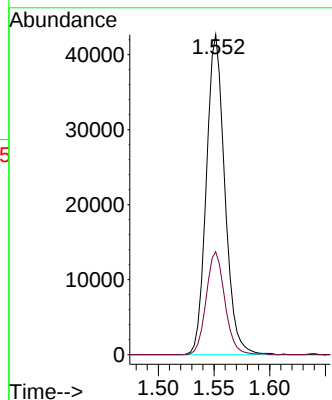
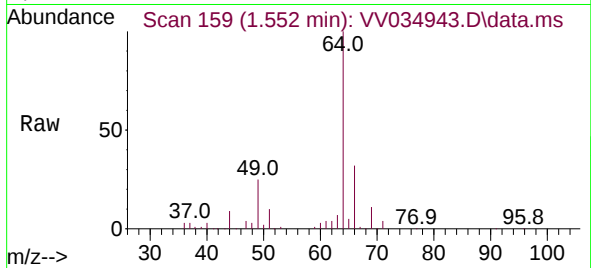




#8
Chloroethane
Concen: 4.933 ug/L
RT: 1.552 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV034943.D
Acq: 02 Apr 2024 19:55

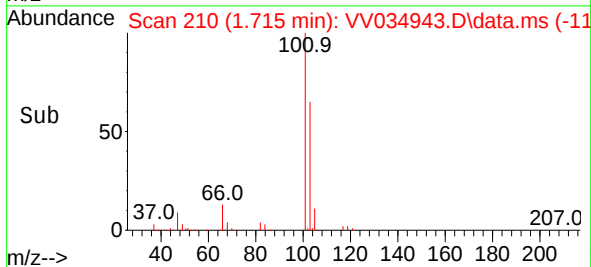
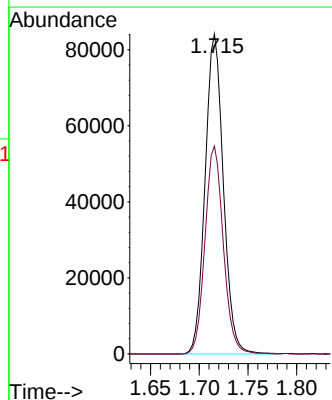
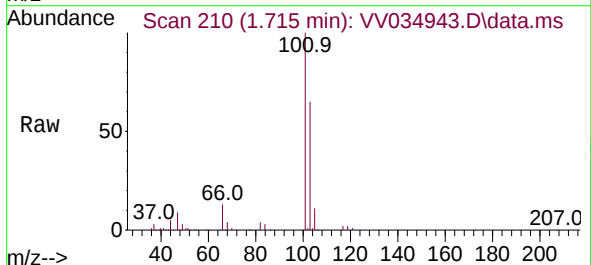
Instrument :
MSVOA_V
ClientSampleId :

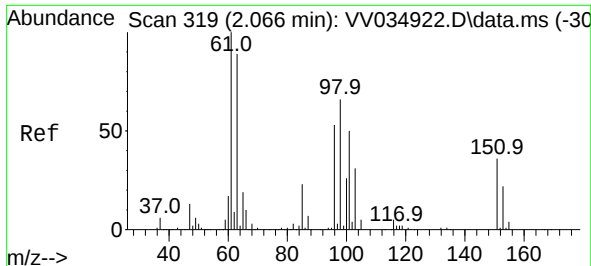
Tgt Ion: 64 Resp: 49116
Ion Ratio Lower Upper
64 100
66 32.2 22.6 42.0



#9
Trichlorofluoromethane
Concen: 5.335 ug/L
RT: 1.715 min Scan# 210
Delta R.T. 0.003 min
Lab File: VV034943.D
Acq: 02 Apr 2024 19:55

Tgt Ion:101 Resp: 109843
Ion Ratio Lower Upper
101 100
103 65.2 51.9 77.9





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 5.287 ug/L

RT: 2.069 min Scan# 319

Delta R.T. 0.003 min

Lab File: VV034943.D

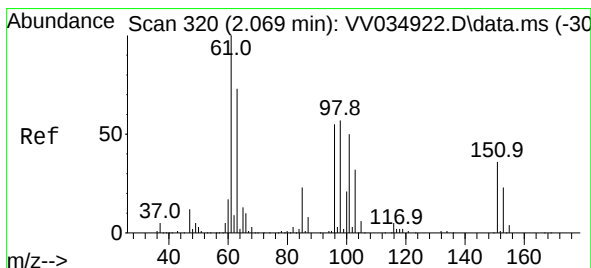
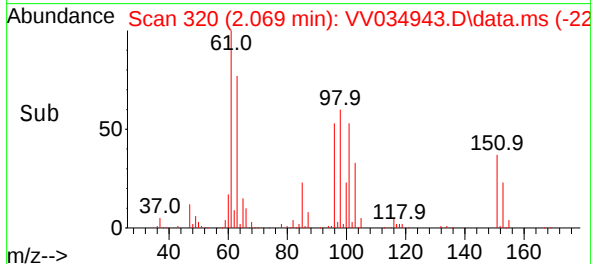
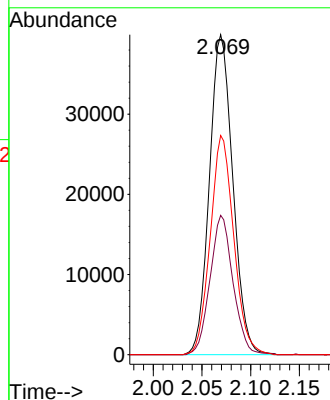
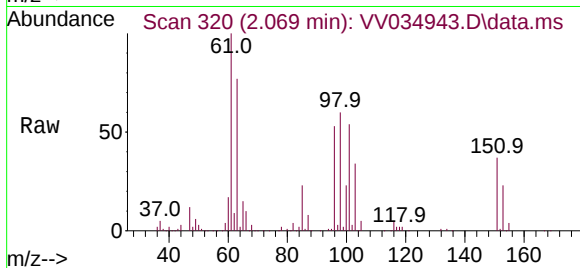
Acq: 02 Apr 2024 19:55

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	101	Resp:	66689
Ion Ratio	Lower	Upper	
101	100		
85	42.8	36.2	54.4
151	69.0	56.0	84.0



#12

1,1-Dichloroethene

Concen: 4.969 ug/L

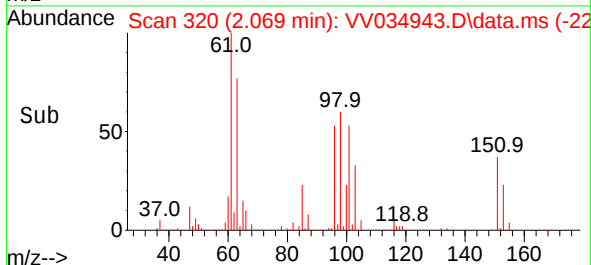
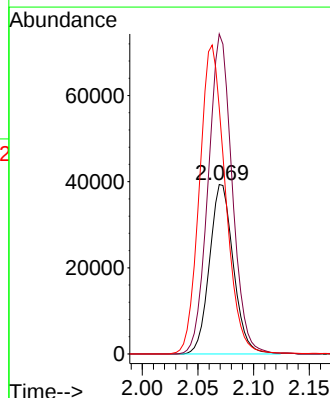
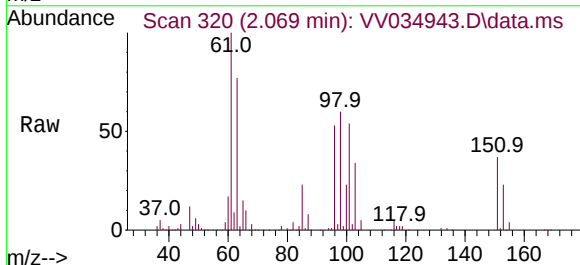
RT: 2.069 min Scan# 320

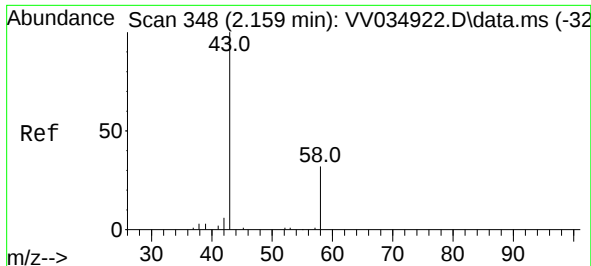
Delta R.T. -0.000 min

Lab File: VV034943.D

Acq: 02 Apr 2024 19:55

Tgt Ion:	96	Resp:	58536
Ion Ratio	Lower	Upper	
96	100		
61	188.9	128.1	237.9
63	145.4	93.5	173.7





#13

Acetone

Concen: 74.890 ug/L

RT: 2.140 min Scan# 34

Delta R.T. -0.019 min

Lab File: VV034943.D

Acq: 02 Apr 2024 19:55

Instrument :

MSVOA_V

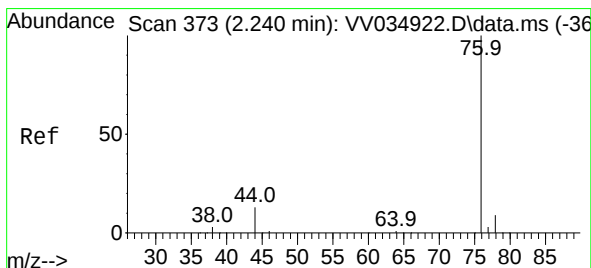
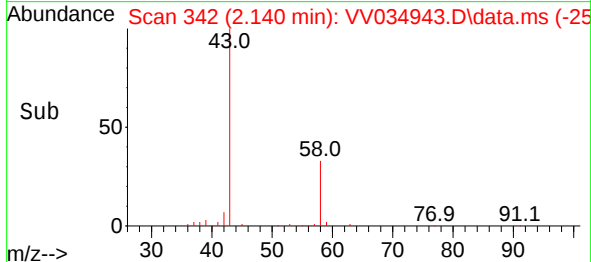
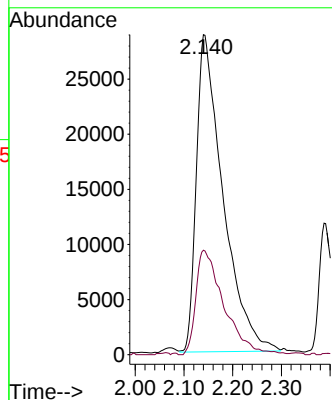
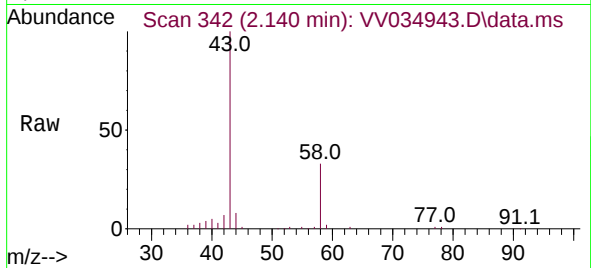
ClientSampleId :

Tgt Ion: 43 Resp: 109298

Ion Ratio Lower Upper

43 100

58 34.6 0.0 40.8



#14

Carbon disulfide

Concen: 4.784 ug/L

RT: 2.243 min Scan# 374

Delta R.T. 0.003 min

Lab File: VV034943.D

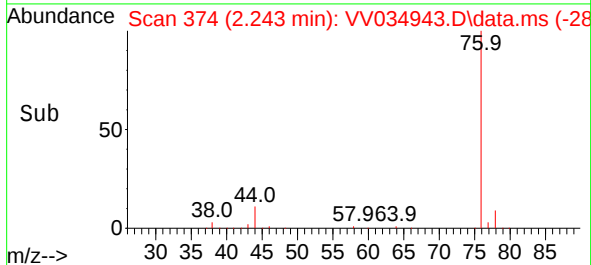
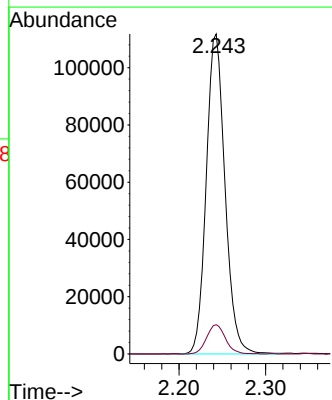
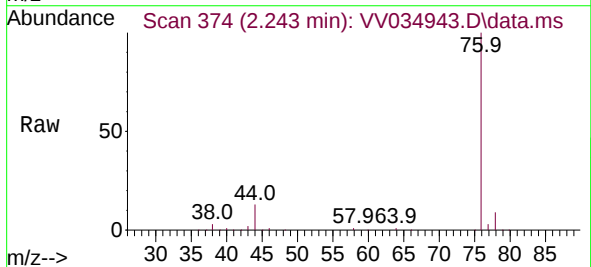
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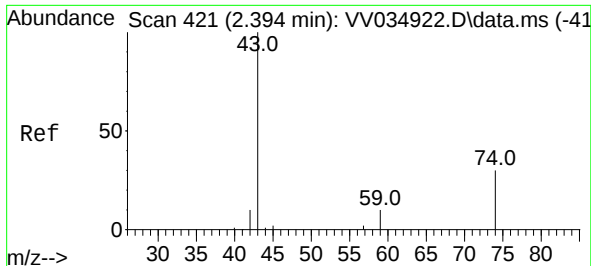
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Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.2

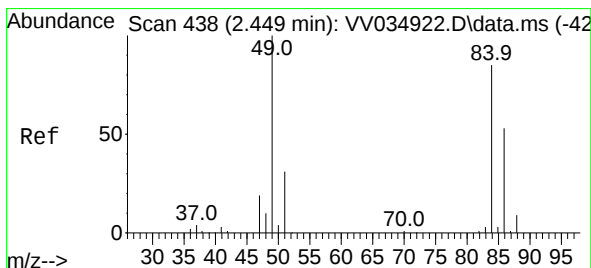
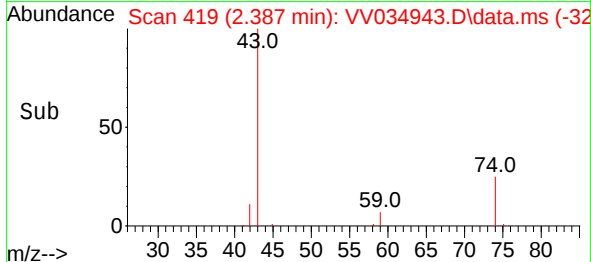
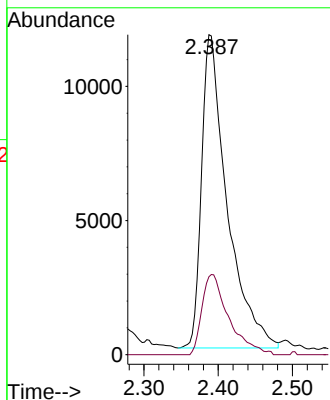
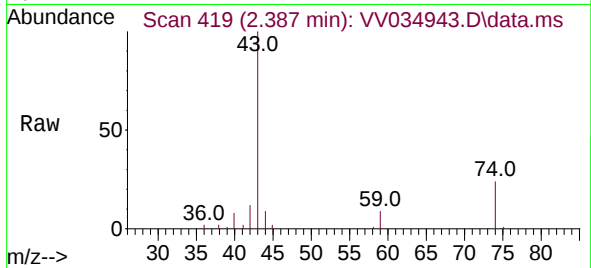




#15
Methyl Acetate
Concen: 6.932 ug/L
RT: 2.387 min Scan# 41
Delta R.T. -0.006 min
Lab File: VV034943.D
Acq: 02 Apr 2024 19:55

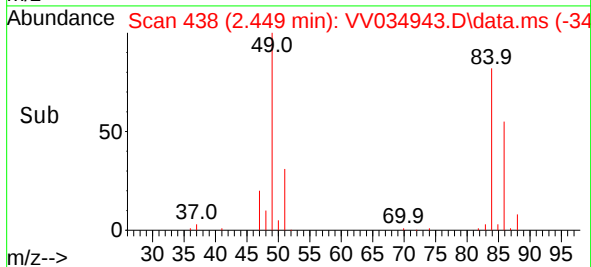
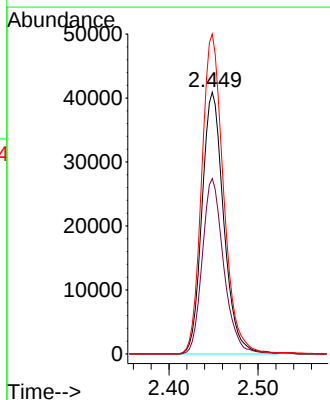
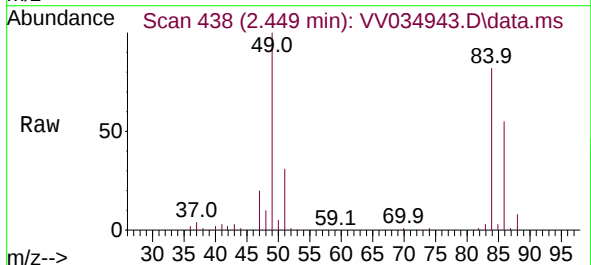
Instrument :
MSVOA_V
ClientSampleId :

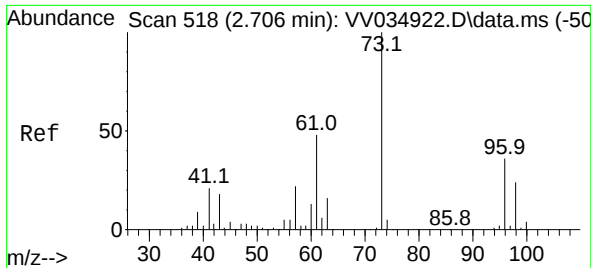
Tgt Ion: 43 Resp: 27925
Ion Ratio Lower Upper
43 100
74 26.7 18.5 27.7



#16
Methylene chloride
Concen: 5.362 ug/L
RT: 2.449 min Scan# 438
Delta R.T. -0.000 min
Lab File: VV034943.D
Acq: 02 Apr 2024 19:55

Tgt Ion: 84 Resp: 69298
Ion Ratio Lower Upper
84 100
86 67.0 43.5 80.9
49 122.3 82.5 153.3

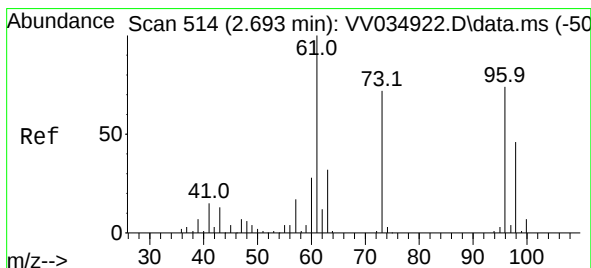
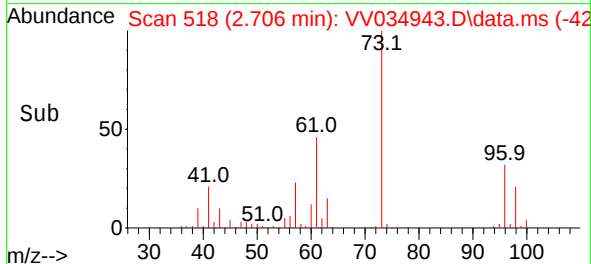
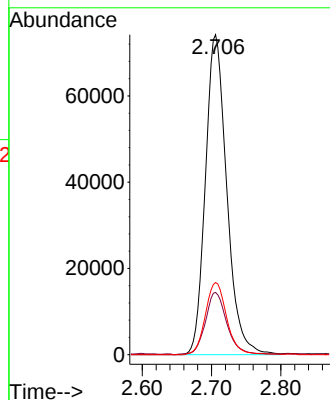
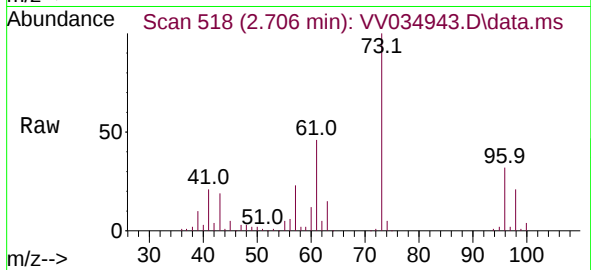




#17
Methyl tert-butyl Ether
Concen: 6.269 ug/L
RT: 2.706 min Scan# 518
Delta R.T. -0.000 min
Lab File: VV034943.D
Acq: 02 Apr 2024 19:55

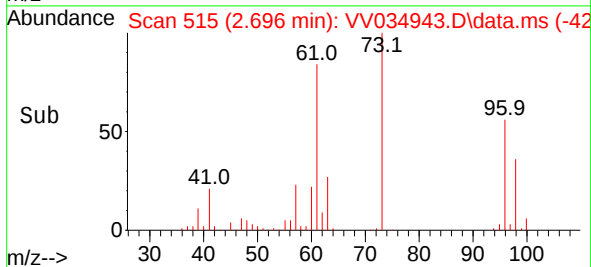
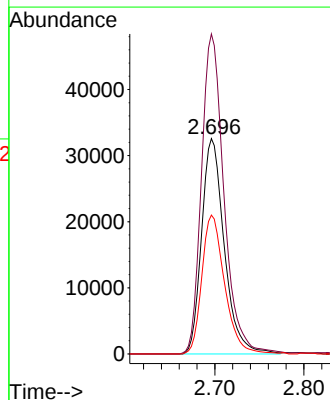
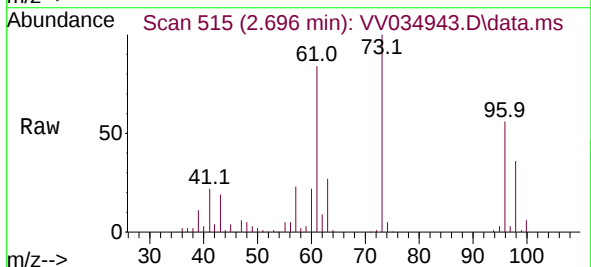
Instrument :
MSVOA_V
ClientSampleId :

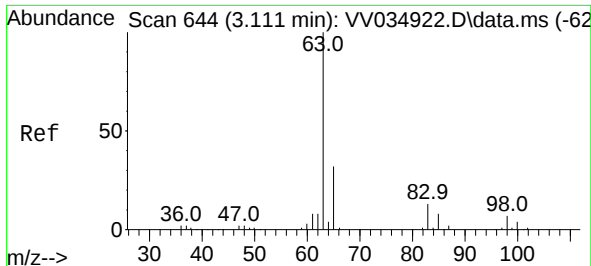
Tgt Ion: 73 Resp: 159020
Ion Ratio Lower Upper
73 100
43 19.8 14.8 22.2
57 22.5 18.1 27.1



#18
trans-1,2-Dichloroethene
Concen: 4.945 ug/L
RT: 2.696 min Scan# 515
Delta R.T. 0.003 min
Lab File: VV034943.D
Acq: 02 Apr 2024 19:55

Tgt Ion: 96 Resp: 57732
Ion Ratio Lower Upper
96 100
61 148.5 94.5 175.5
98 64.5 43.5 80.9





#19

1,1-Dichloroethane

Concen: 5.184 ug/L

RT: 3.114 min Scan# 64

Delta R.T. 0.003 min

Lab File: VV034943.D

Acq: 02 Apr 2024 19:55

Instrument :

MSVOA_V

ClientSampleId :

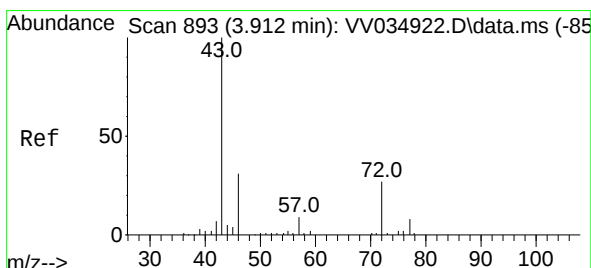
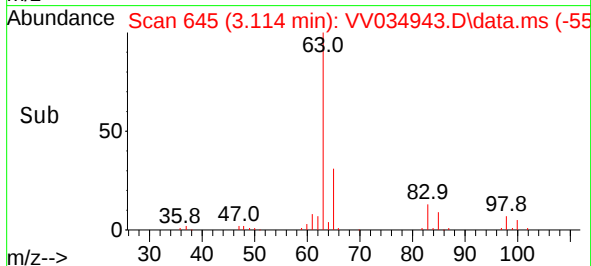
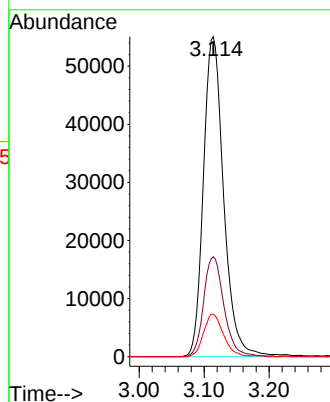
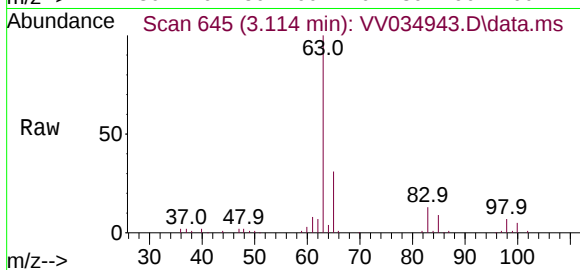
Tgt Ion: 63 Resp: 119412

Ion Ratio Lower Upper

63 100

65 31.3 22.5 41.9

83 13.2 9.1 16.9



#21

2-Butanone

Concen: 70.952 ug/L

RT: 3.895 min Scan# 888

Delta R.T. -0.016 min

Lab File: VV034943.D

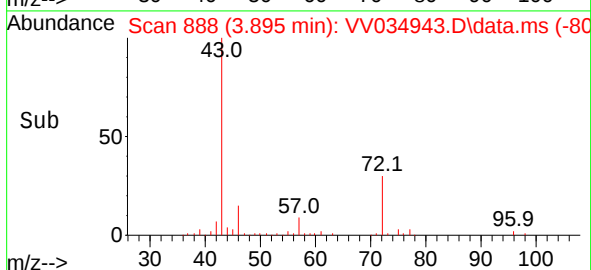
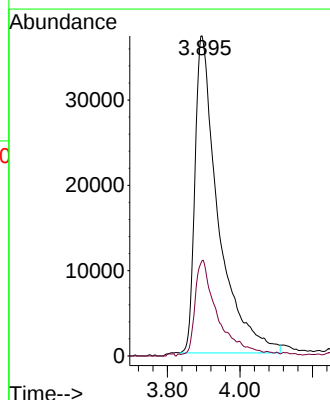
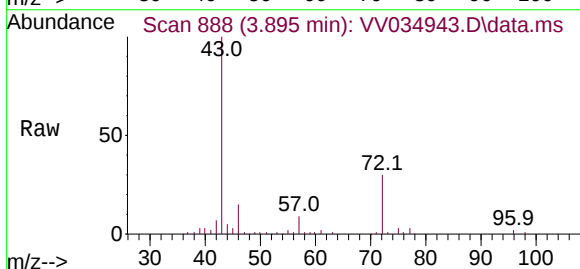
Acq: 02 Apr 2024 19:55

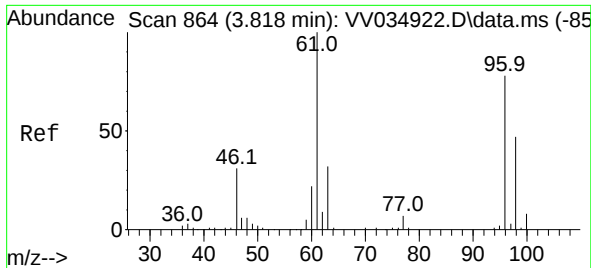
Tgt Ion: 43 Resp: 165964

Ion Ratio Lower Upper

43 100

72 25.5 7.5 22.5#

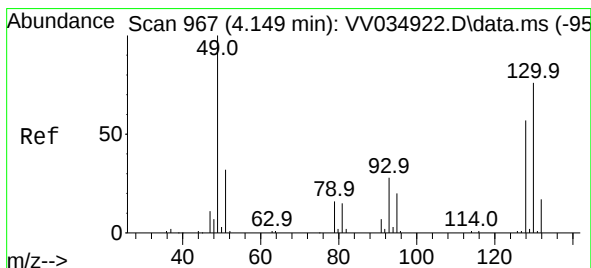
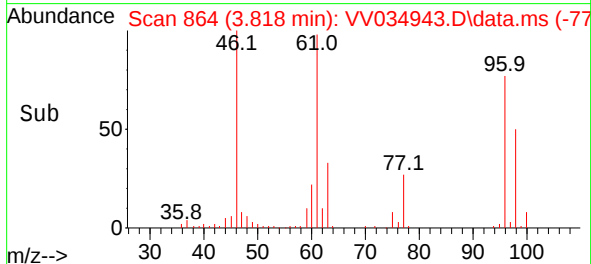
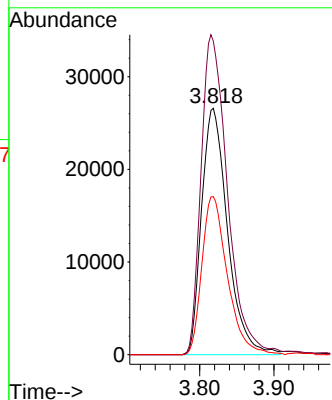
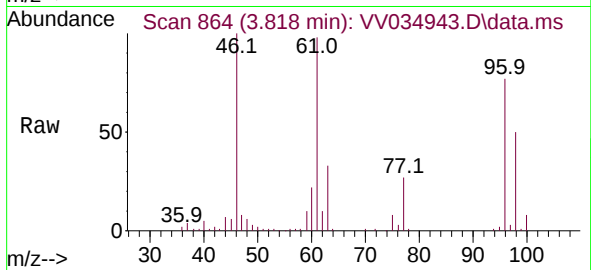




#22
 cis-1,2-Dichloroethene
 Concen: 5.283 ug/L
 RT: 3.818 min Scan# 864
 Delta R.T. -0.000 min
 Lab File: VV034943.D
 Acq: 02 Apr 2024 19:55

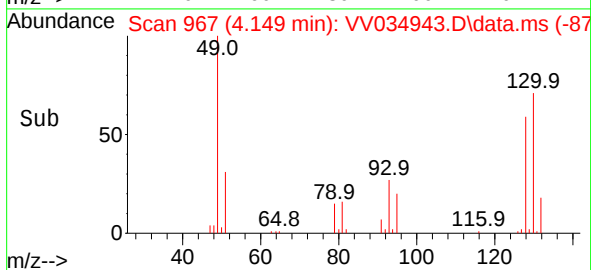
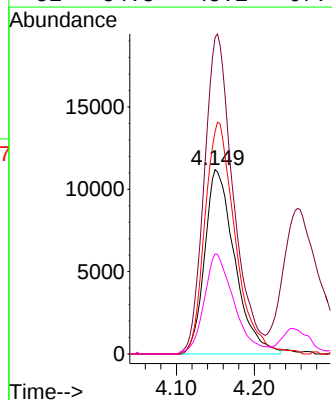
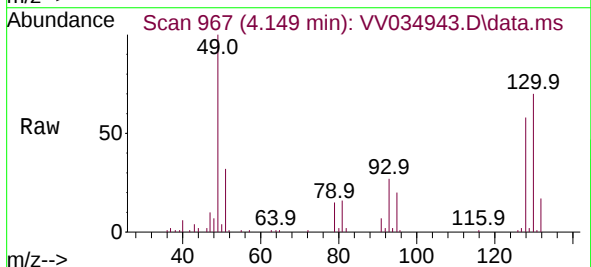
Instrument :
 MSVOA_V
 ClientSampleId :

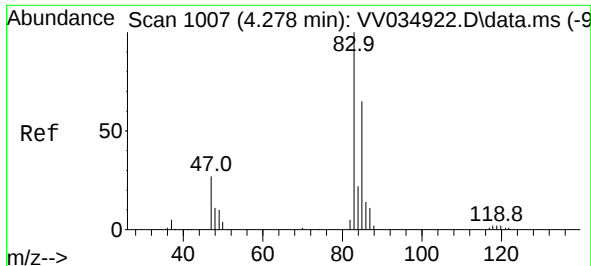
Tgt Ion: 96 Resp: 64597
 Ion Ratio Lower Upper
 96 100
 61 127.2 90.3 167.7
 98 64.1 42.7 79.3



#23
 Bromochloromethane
 Concen: 5.831 ug/L
 RT: 4.149 min Scan# 967
 Delta R.T. -0.000 min
 Lab File: VV034943.D
 Acq: 02 Apr 2024 19:55

Tgt Ion:128 Resp: 29936
 Ion Ratio Lower Upper
 128 100
 49 171.8 122.9 228.3
 130 120.6 92.1 171.1
 51 54.3 45.1 67.7





#25

Chloroform

Concen: 5.156 ug/L

RT: 4.278 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV034943.D

Acq: 02 Apr 2024 19:55

Instrument :

MSVOA_V

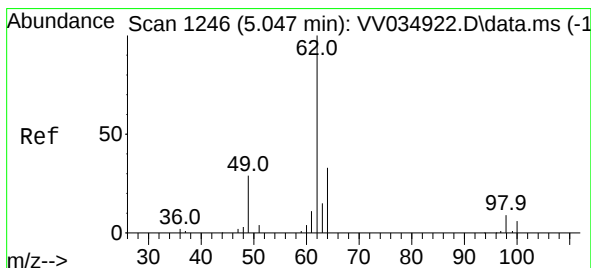
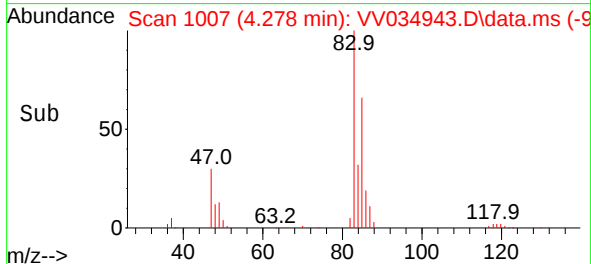
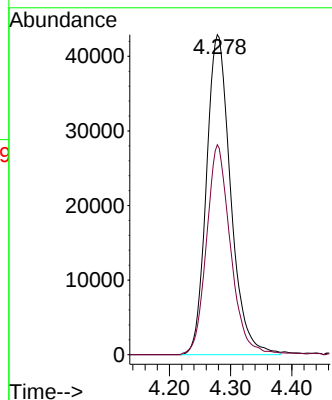
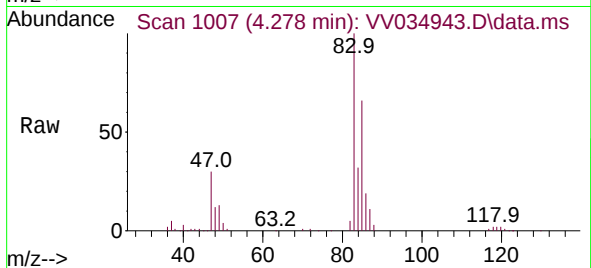
ClientSampleId :

Tgt Ion: 83 Resp: 117965

Ion Ratio Lower Upper

83 100

85 65.6 45.5 84.5



#27

1,2-Dichloroethane

Concen: 6.035 ug/L

RT: 5.047 min Scan# 1246

Delta R.T. -0.000 min

Lab File: VV034943.D

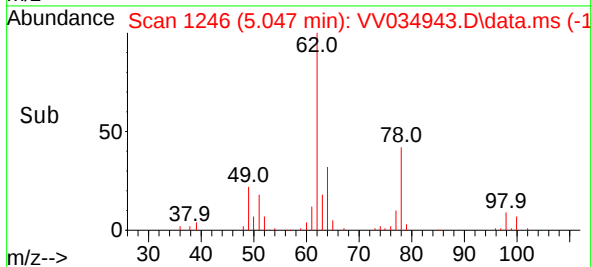
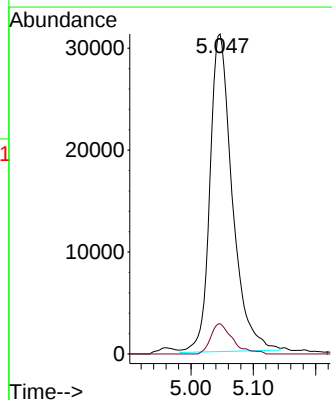
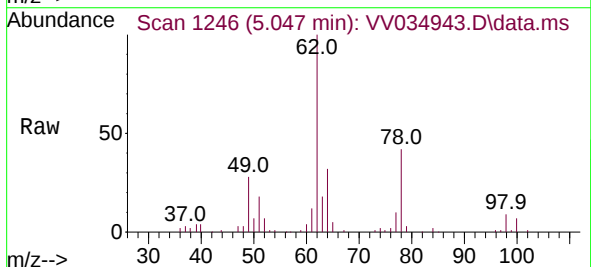
Acq: 02 Apr 2024 19:55

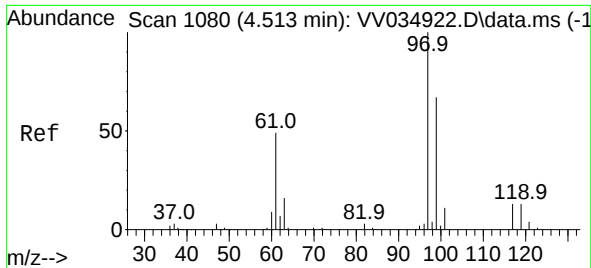
Tgt Ion: 62 Resp: 77695

Ion Ratio Lower Upper

62 100

98 9.4 7.4 11.0

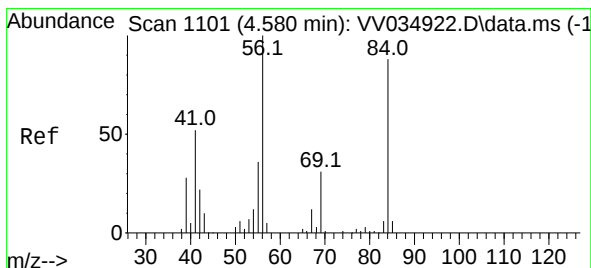
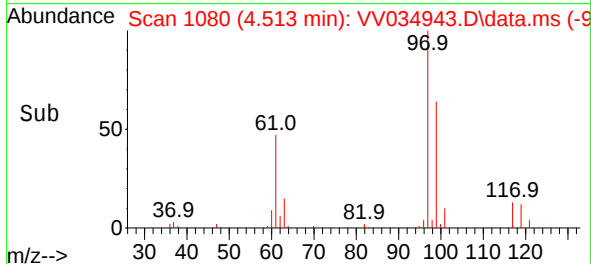
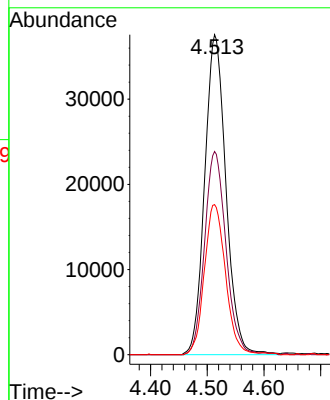
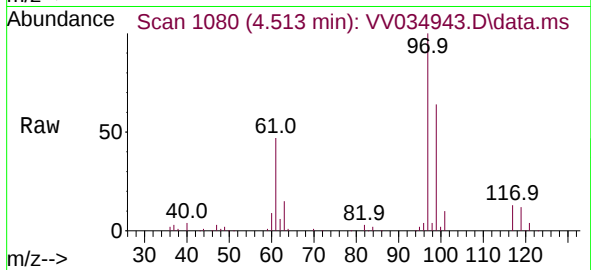




#29
1,1,1-Trichloroethane
Concen: 5.232 ug/L
RT: 4.513 min Scan# 1080
Delta R.T. -0.000 min
Lab File: VV034943.D
Acq: 02 Apr 2024 19:55

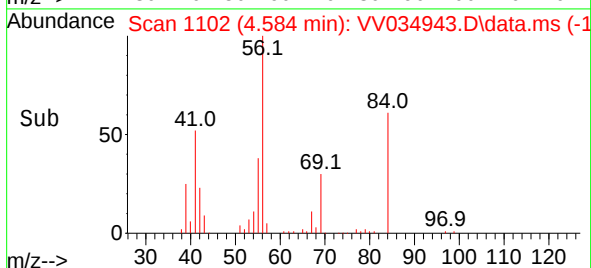
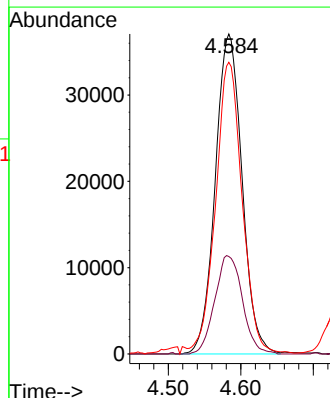
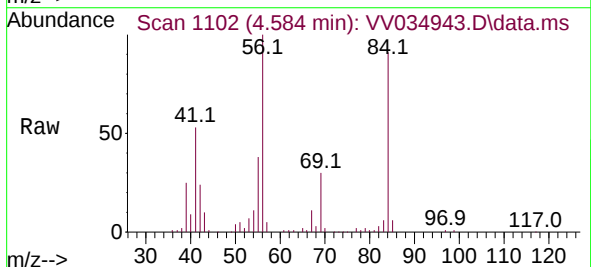
Instrument :
MSVOA_V
ClientSampleId :

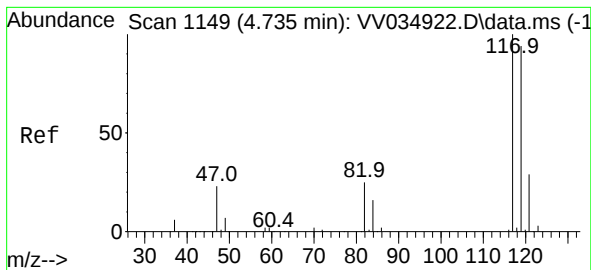
Tgt Ion: 97 Resp: 97906
Ion Ratio Lower Upper
97 100
99 63.9 52.1 78.1
61 46.7 38.7 58.1



#30
Cyclohexane
Concen: 5.517 ug/L
RT: 4.584 min Scan# 1102
Delta R.T. 0.003 min
Lab File: VV034943.D
Acq: 02 Apr 2024 19:55

Tgt Ion: 56 Resp: 95101
Ion Ratio Lower Upper
56 100
69 31.7 25.2 37.8
84 90.8 69.8 104.8





#31

Carbon tetrachloride

Concen: 5.240 ug/L

RT: 4.735 min Scan# 1149

Delta R.T. -0.000 min

Lab File: VV034943.D

Acq: 02 Apr 2024 19:55

Instrument :

MSVOA_V

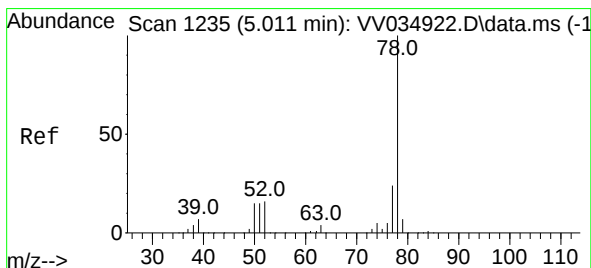
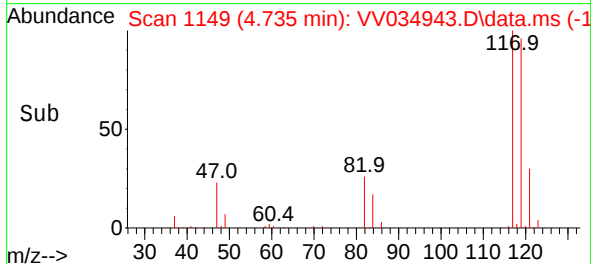
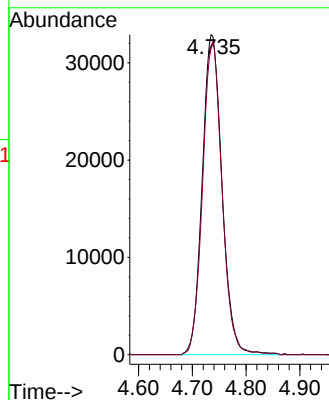
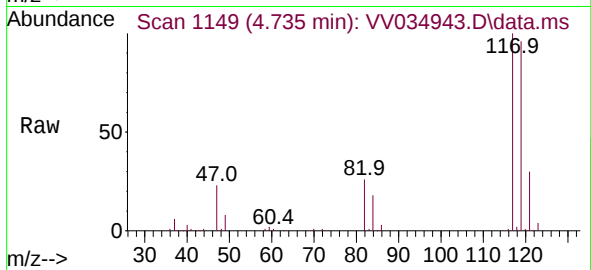
ClientSampleId :

Tgt Ion:117 Resp: 83920

Ion Ratio Lower Upper

117 100

119 95.9 75.8 113.6



#33

Benzene

Concen: 5.271 ug/L

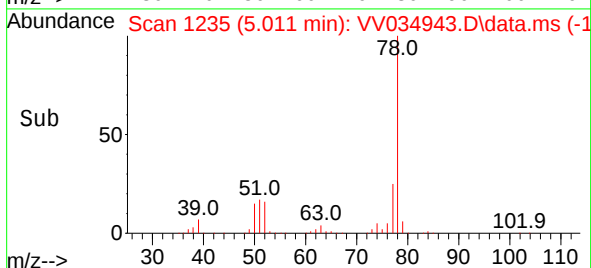
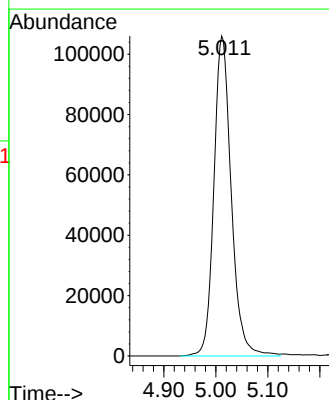
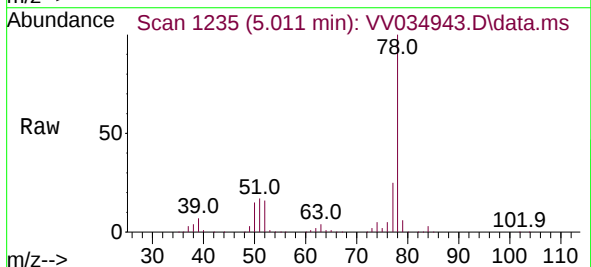
RT: 5.011 min Scan# 1235

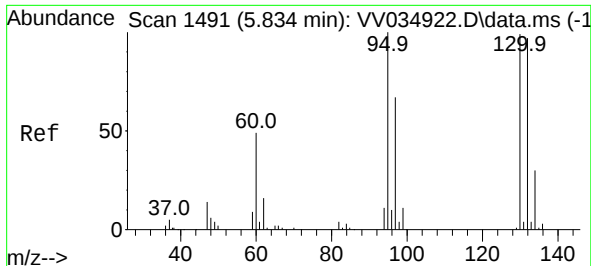
Delta R.T. -0.000 min

Lab File: VV034943.D

Acq: 02 Apr 2024 19:55

Tgt Ion: 78 Resp: 246408

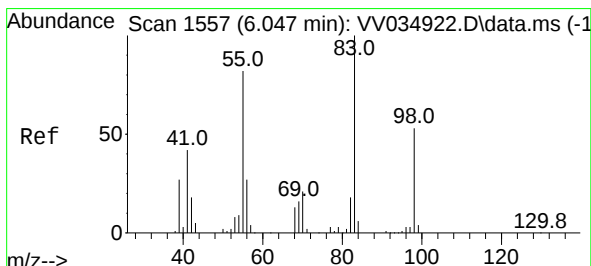
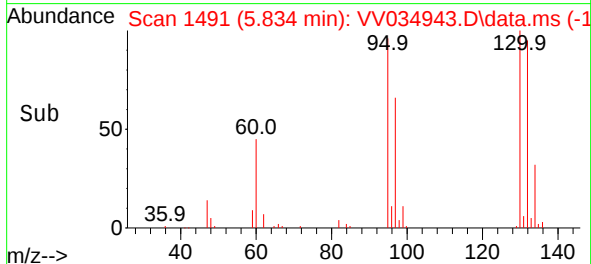
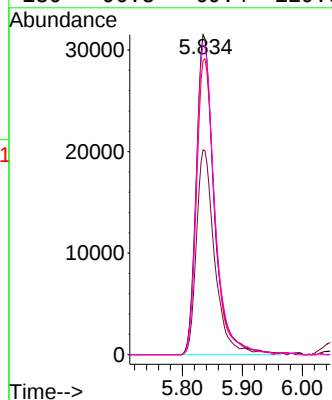
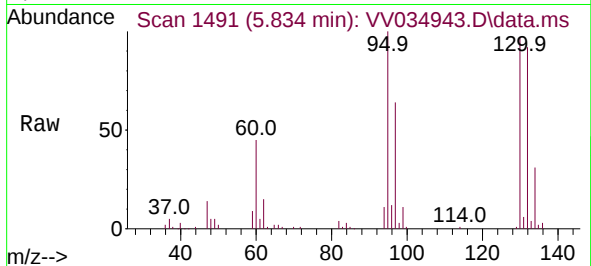




#34
Trichloroethene
Concen: 5.402 ug/L
RT: 5.834 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VV034943.D
Acq: 02 Apr 2024 19:55

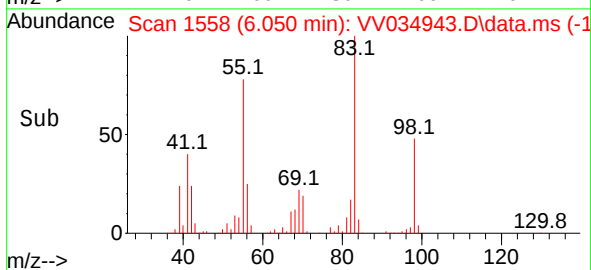
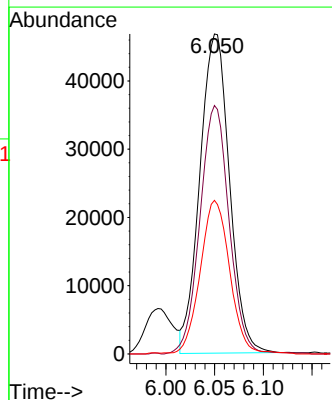
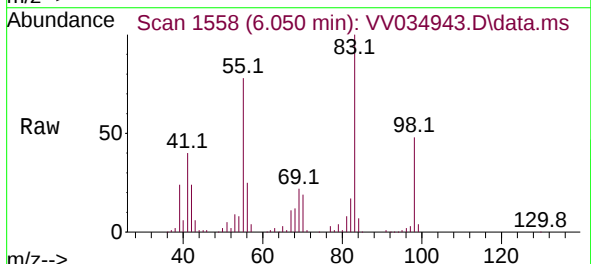
Instrument :
MSVOA_V
ClientSampleId :

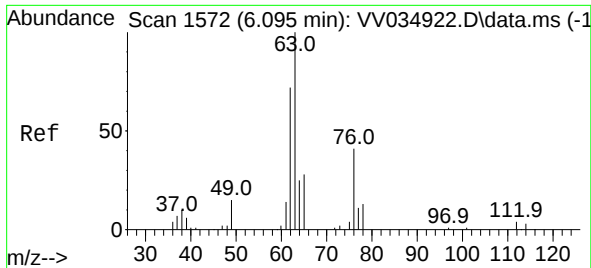
Tgt Ion: 95 Resp: 65790
Ion Ratio Lower Upper
95 100
97 64.0 46.8 86.8
132 92.0 68.0 126.4
130 96.8 69.4 129.0



#35
Methylcyclohexane
Concen: 5.340 ug/L
RT: 6.050 min Scan# 1558
Delta R.T. 0.003 min
Lab File: VV034943.D
Acq: 02 Apr 2024 19:55

Tgt Ion: 83 Resp: 99048
Ion Ratio Lower Upper
83 100
55 76.7 60.6 91.0
98 48.1 37.8 56.6

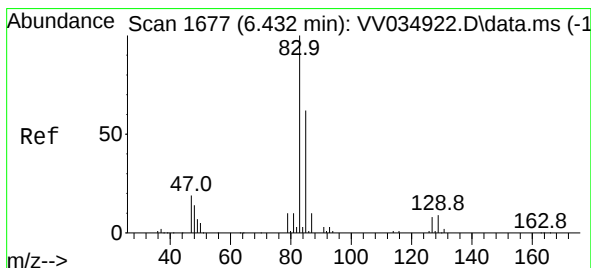
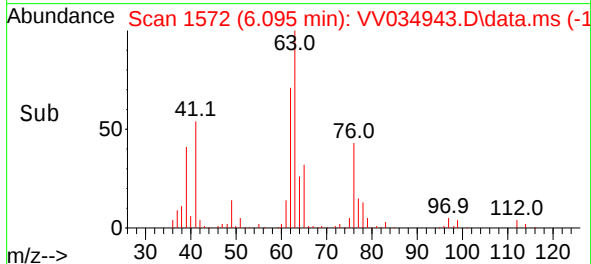
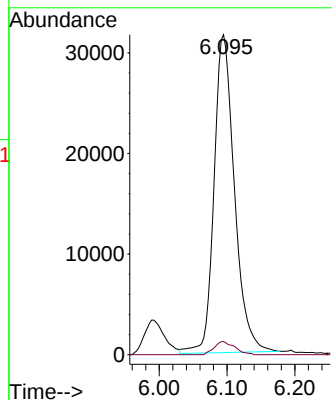
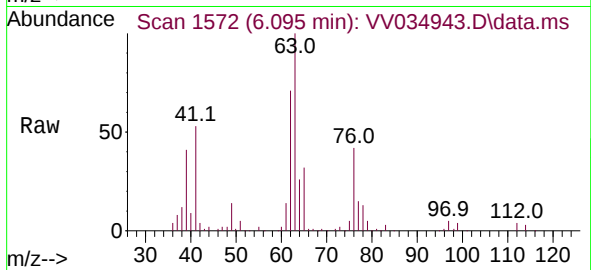




#37
1,2-Dichloropropane
Concen: 5.459 ug/L
RT: 6.095 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV034943.D
Acq: 02 Apr 2024 19:55

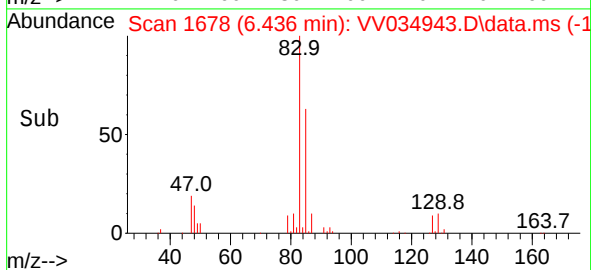
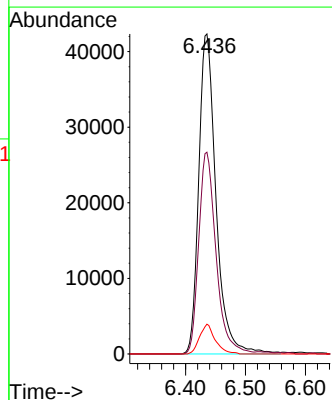
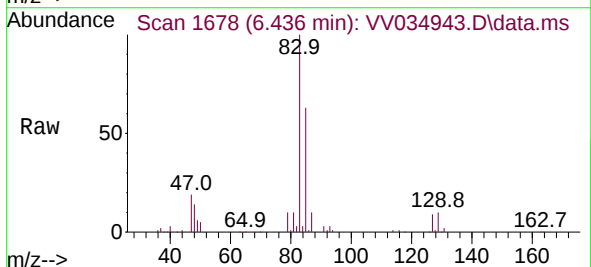
Instrument :
MSVOA_V
ClientSampleId :

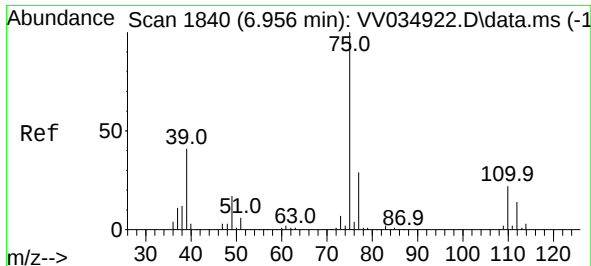
Tgt Ion: 63 Resp: 66167
Ion Ratio Lower Upper
63 100
112 4.1 3.5 5.3



#38
Bromodichloromethane
Concen: 5.564 ug/L
RT: 6.436 min Scan# 1678
Delta R.T. 0.003 min
Lab File: VV034943.D
Acq: 02 Apr 2024 19:55

Tgt Ion: 83 Resp: 85079
Ion Ratio Lower Upper
83 100
85 63.1 43.6 81.0
127 9.3 6.2 9.2#





#39

cis-1,3-Dichloropropene

Concen: 5.642 ug/L

RT: 6.956 min Scan# 11

Delta R.T. -0.000 min

Lab File: VV034943.D

Acq: 02 Apr 2024 19:55

Instrument :

MSVOA_V

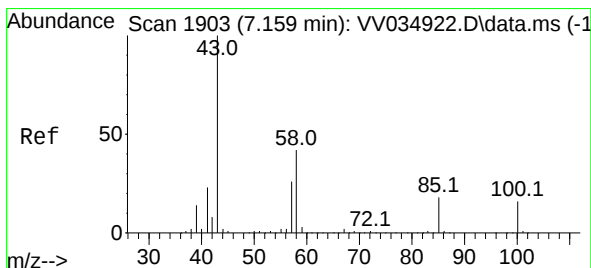
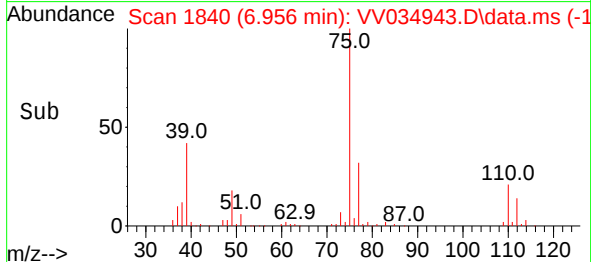
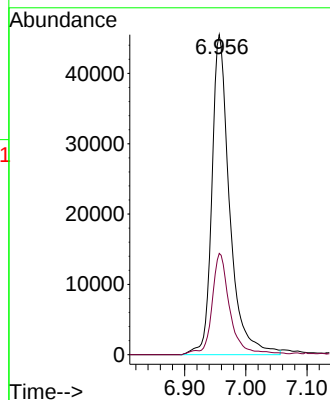
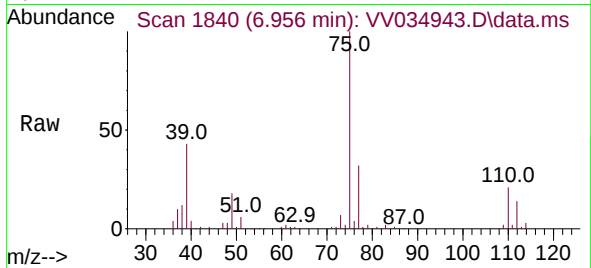
ClientSampleId :

Tgt Ion: 75 Resp: 91855

Ion Ratio Lower Upper

75 100

77 31.7 20.6 38.4



#40

4-Methyl-2-pentanone

Concen: 74.812 ug/L

RT: 7.159 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VV034943.D

Acq: 02 Apr 2024 19:55

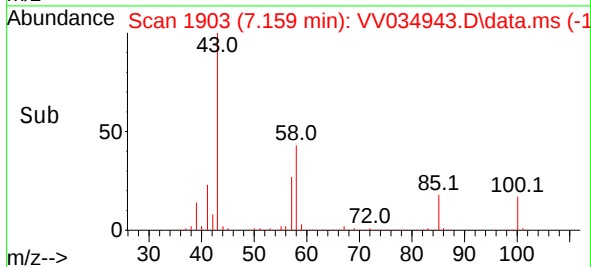
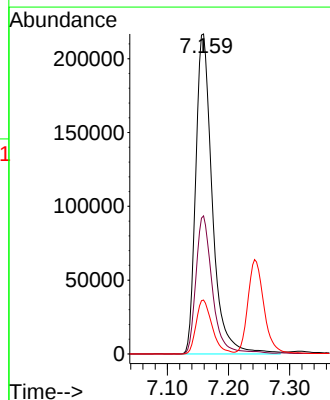
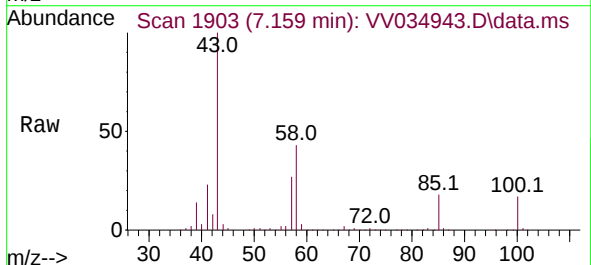
Tgt Ion: 43 Resp: 409111

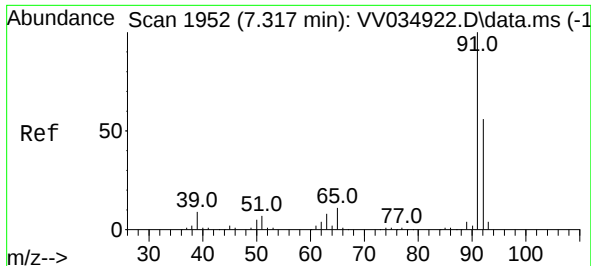
Ion Ratio Lower Upper

43 100

58 43.0 33.8 50.6

100 16.2 11.9 17.9





#42

Toluene

Concen: 5.335 ug/L

RT: 7.317 min Scan# 1952

Delta R.T. -0.000 min

Lab File: VV034943.D

Acq: 02 Apr 2024 19:55

Instrument :

MSVOA_V

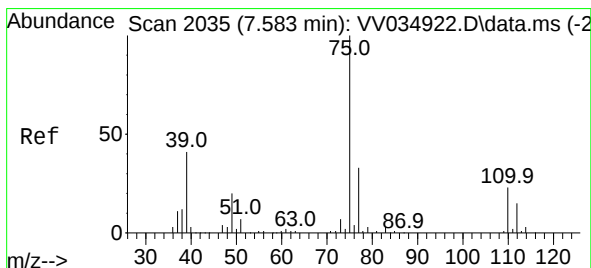
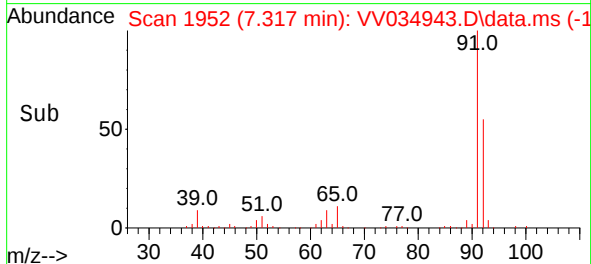
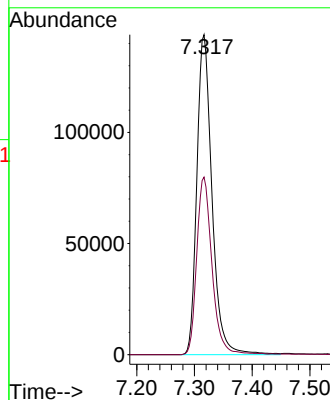
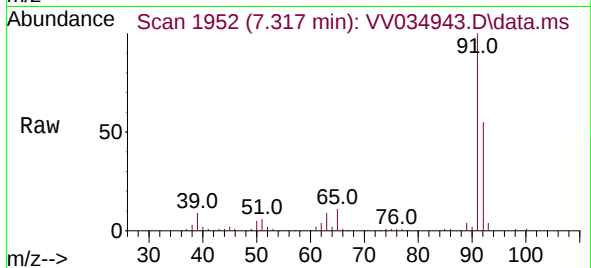
ClientSampleId :

Tgt Ion: 91 Resp: 262132

Ion Ratio Lower Upper

91 100

92 55.5 38.9 72.2



#44

trans-1,3-Dichloropropene

Concen: 5.999 ug/L

RT: 7.583 min Scan# 2035

Delta R.T. -0.000 min

Lab File: VV034943.D

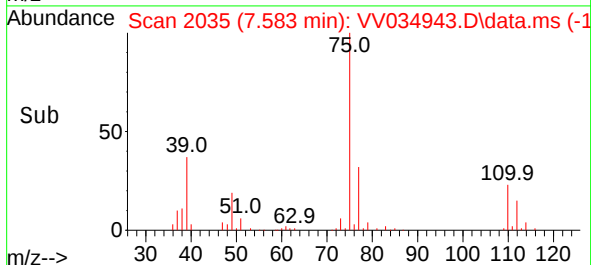
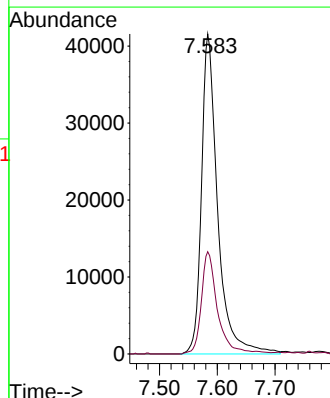
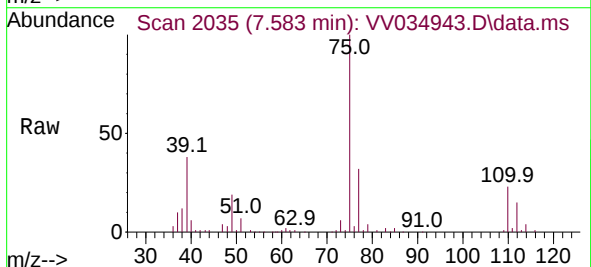
Acq: 02 Apr 2024 19:55

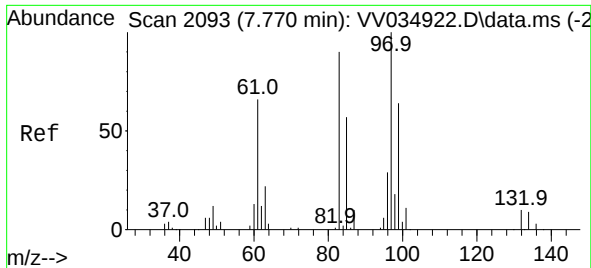
Tgt Ion: 75 Resp: 80965

Ion Ratio Lower Upper

75 100

77 32.0 22.7 42.3

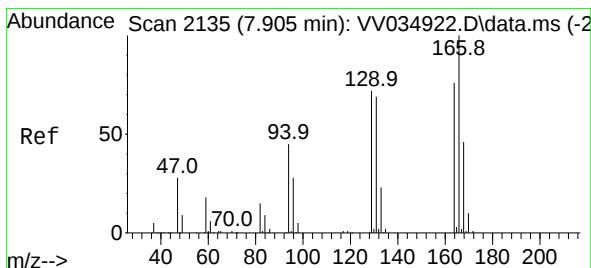
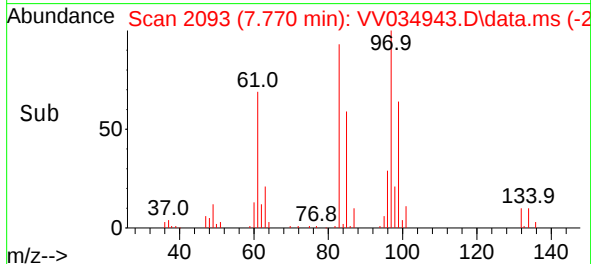
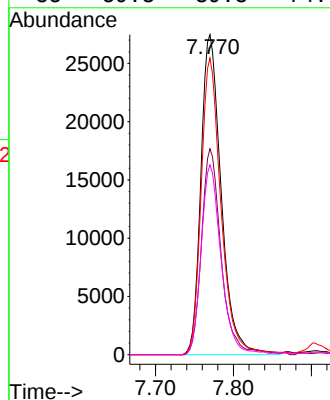
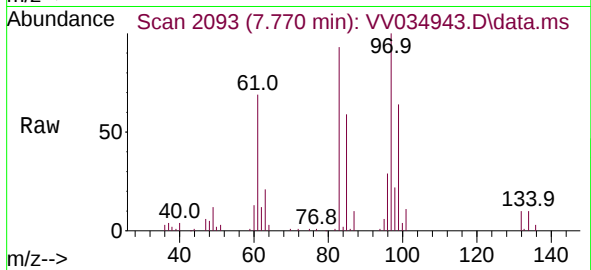




#45
1,1,2-Trichloroethane
Concen: 6.241 ug/L
RT: 7.770 min Scan# 2093
Delta R.T. -0.000 min
Lab File: VV034943.D
Acq: 02 Apr 2024 19:55

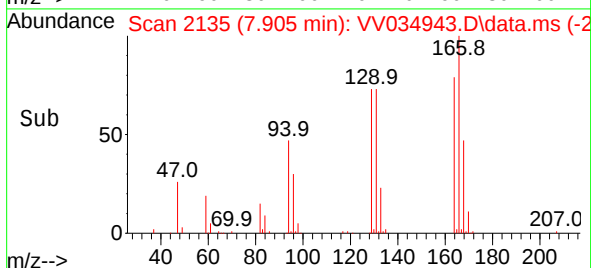
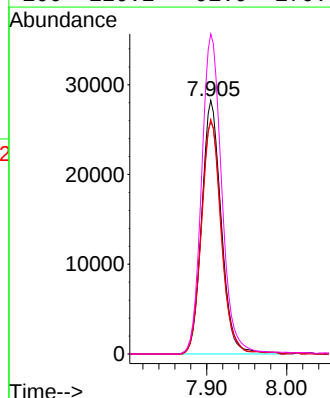
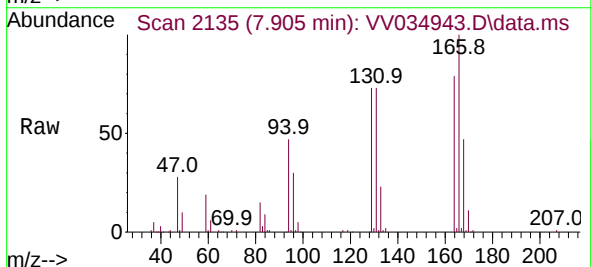
Instrument :
MSVOA_V
ClientSampleId :

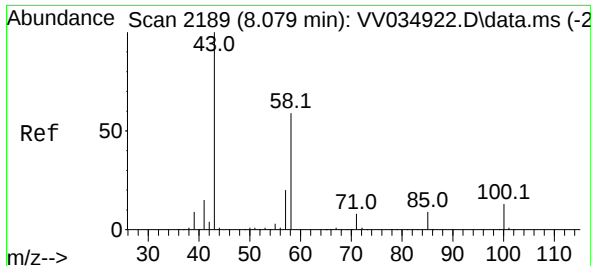
Tgt Ion:	97	Resp:	49701
Ion	Ratio	Lower	Upper
97	100		
99	64.3	44.5	82.7
83	92.7	63.2	117.4
85	59.3	39.8	74.0



#47
Tetrachloroethene
Concen: 5.242 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. -0.000 min
Lab File: VV034943.D
Acq: 02 Apr 2024 19:55

Tgt Ion:	164	Resp:	47962
Ion	Ratio	Lower	Upper
164	100		
129	91.6	66.0	122.6
131	92.5	63.0	117.0
166	126.2	91.9	170.7

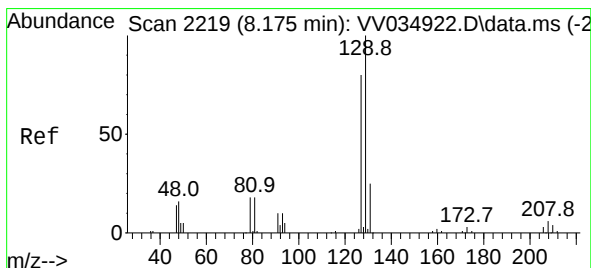
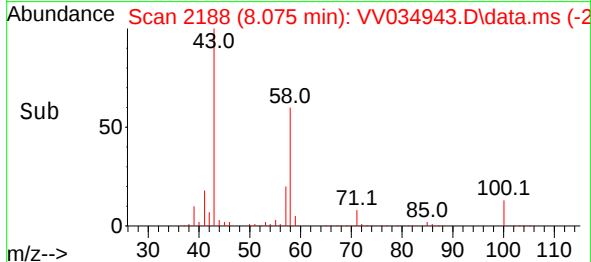
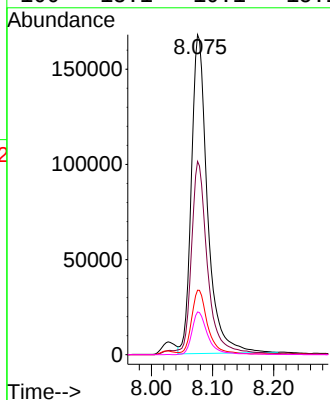
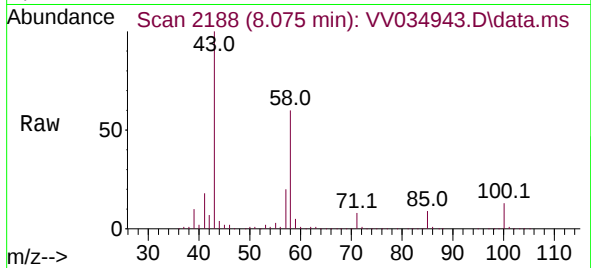




#48
2-Hexanone
Concen: 74.418 ug/L
RT: 8.075 min Scan# 2189
Delta R.T. -0.003 min
Lab File: VV034943.D
Acq: 02 Apr 2024 19:55

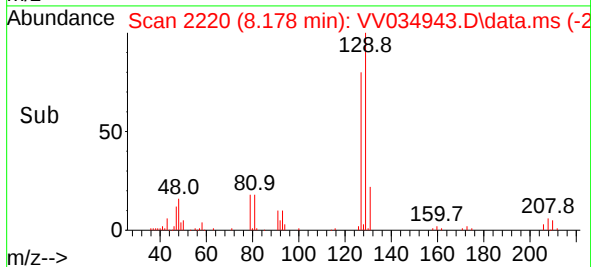
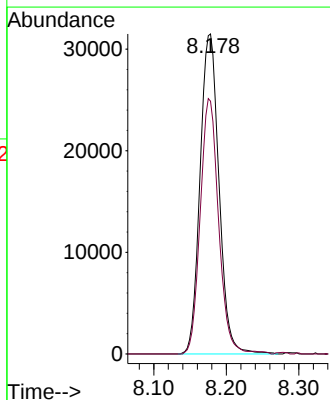
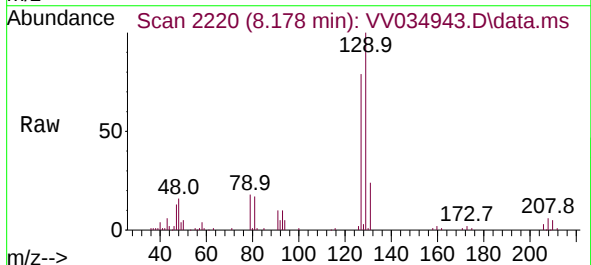
Instrument :
MSVOA_V
ClientSampleId :

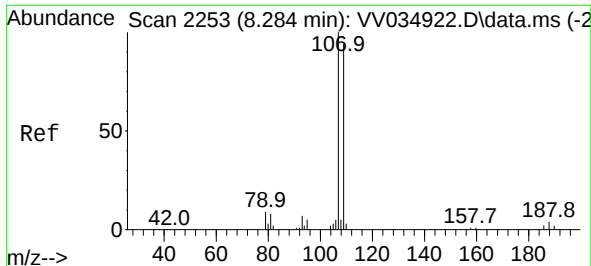
Tgt Ion: 43 Resp: 307216
Ion Ratio Lower Upper
43 100
58 59.1 48.2 72.4
57 20.0 15.6 23.4
100 13.1 10.1 15.1



#49
Dibromochloromethane
Concen: 6.083 ug/L
RT: 8.178 min Scan# 2220
Delta R.T. 0.003 min
Lab File: VV034943.D
Acq: 02 Apr 2024 19:55

Tgt Ion: 129 Resp: 57017
Ion Ratio Lower Upper
129 100
127 79.0 56.4 104.7

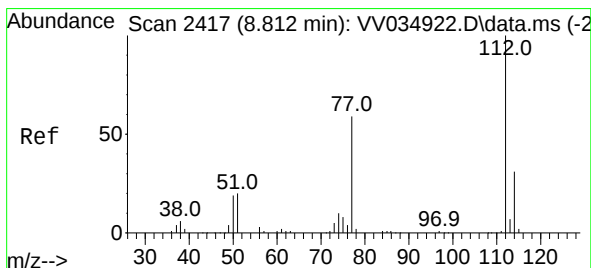
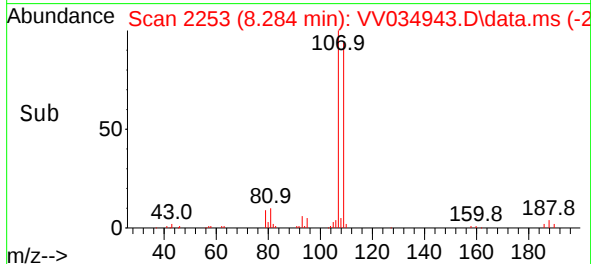
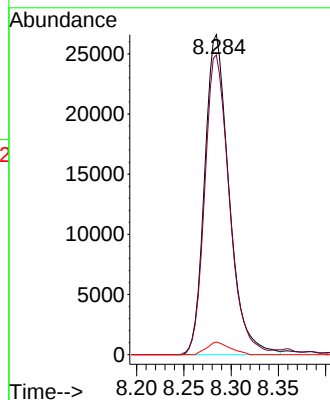
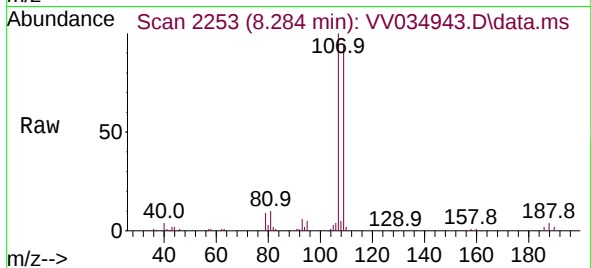




#50
1,2-Dibromoethane
Concen: 6.384 ug/L
RT: 8.284 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV034943.D
Acq: 02 Apr 2024 19:55

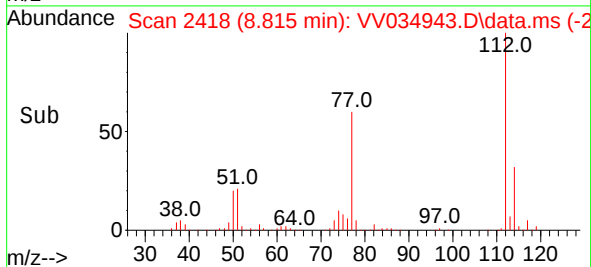
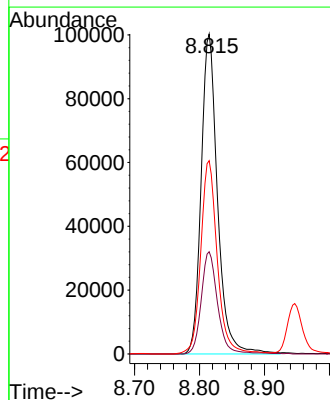
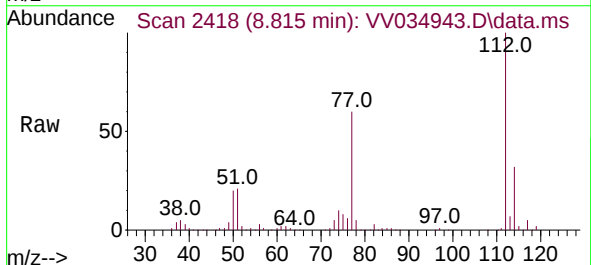
Instrument :
MSVOA_V
ClientSampleId :

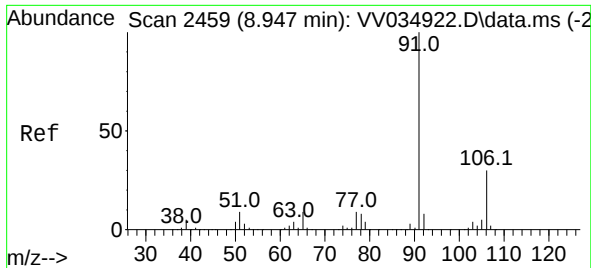
Tgt Ion:107 Resp: 47860
Ion Ratio Lower Upper
107 100
109 93.7 66.1 122.8
188 3.9 3.2 4.8



#51
Chlorobenzene
Concen: 5.554 ug/L
RT: 8.815 min Scan# 2418
Delta R.T. 0.003 min
Lab File: VV034943.D
Acq: 02 Apr 2024 19:55

Tgt Ion:112 Resp: 176296
Ion Ratio Lower Upper
112 100
114 31.9 21.9 40.7
77 60.4 47.4 71.2

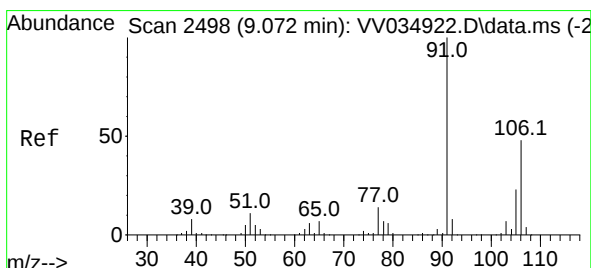
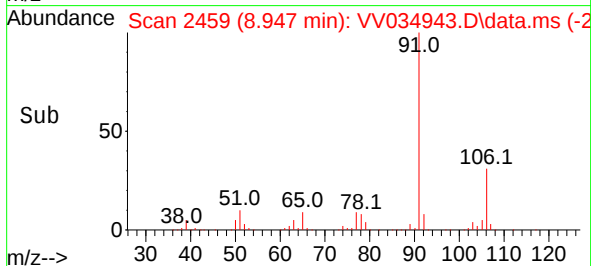
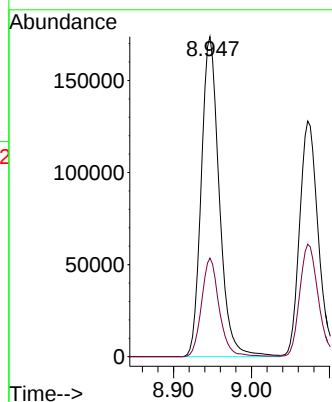
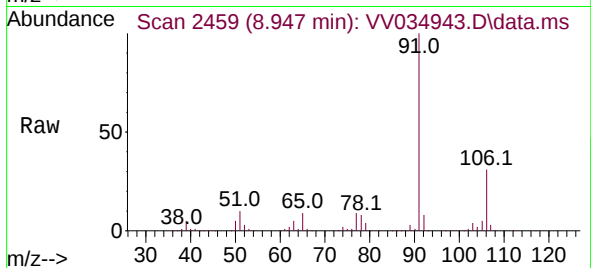




#52
Ethylbenzene
Concen: 5.245 ug/L
RT: 8.947 min Scan# 2459
Delta R.T. -0.000 min
Lab File: VV034943.D
Acq: 02 Apr 2024 19:55

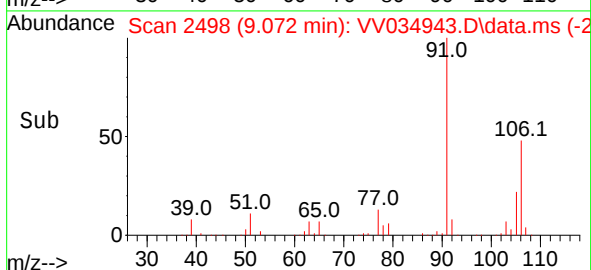
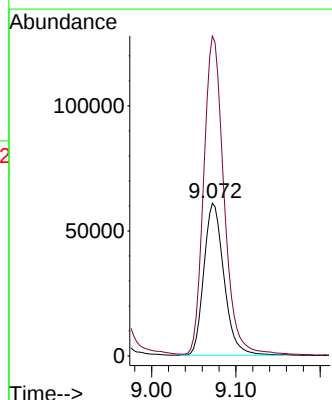
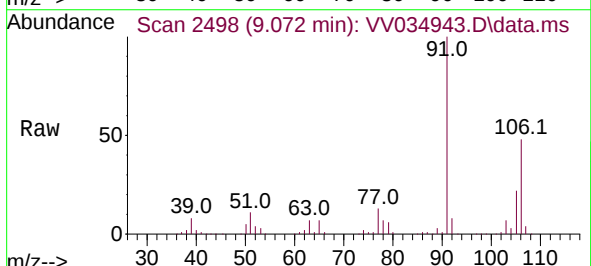
Instrument :
MSVOA_V
ClientSampleId :

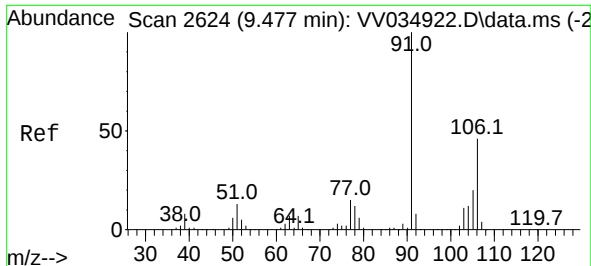
Tgt Ion: 91 Resp: 278365
Ion Ratio Lower Upper
91 100
106 30.8 21.2 39.4



#53
m,p-Xylene
Concen: 5.189 ug/L
RT: 9.072 min Scan# 2498
Delta R.T. -0.000 min
Lab File: VV034943.D
Acq: 02 Apr 2024 19:55

Tgt Ion: 106 Resp: 101119
Ion Ratio Lower Upper
106 100
91 209.5 145.7 270.7

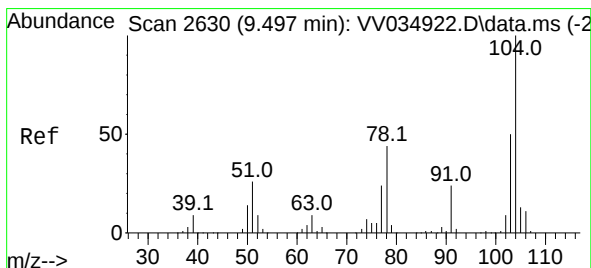
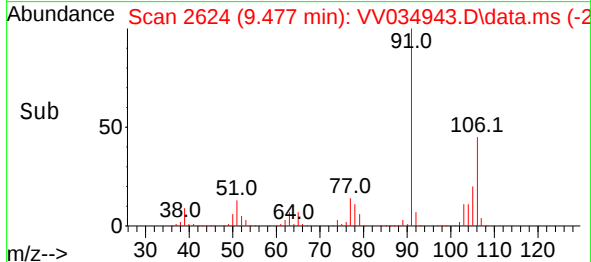
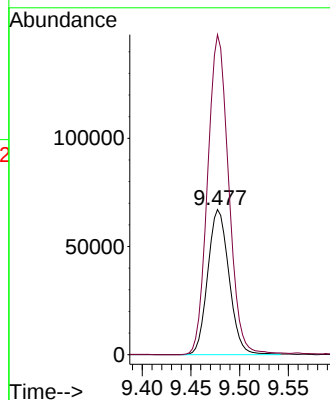
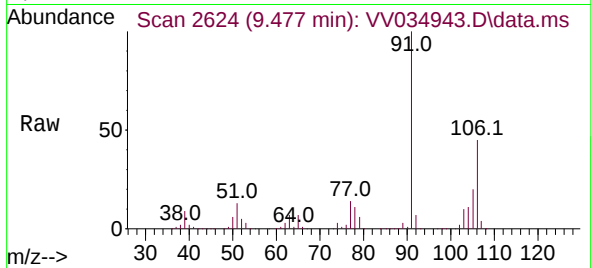




#54
o-Xylene
Concen: 5.339 ug/L
RT: 9.477 min Scan# 2624
Delta R.T. -0.000 min
Lab File: VV034943.D
Acq: 02 Apr 2024 19:55

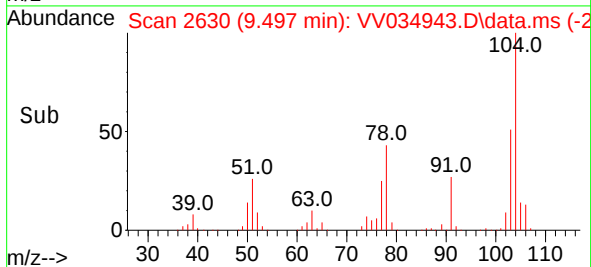
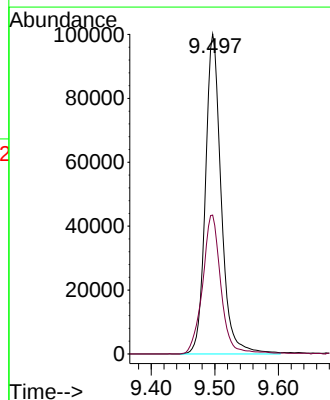
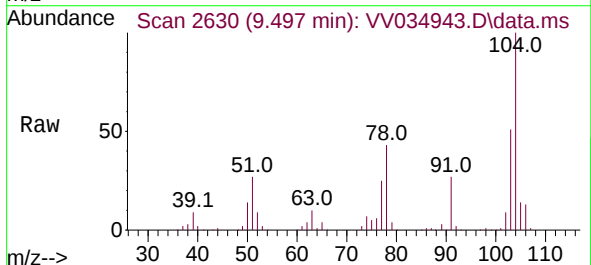
Instrument :
MSVOA_V
ClientSampleId :

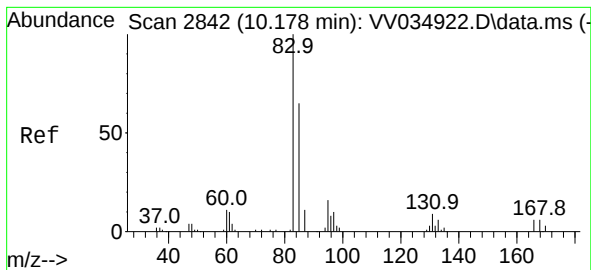
Tgt Ion:106 Resp: 102079
Ion Ratio Lower Upper
106 100
91 220.5 151.2 280.8



#55
Styrene
Concen: 5.612 ug/L
RT: 9.497 min Scan# 2630
Delta R.T. -0.000 min
Lab File: VV034943.D
Acq: 02 Apr 2024 19:55

Tgt Ion:104 Resp: 172527
Ion Ratio Lower Upper
104 100
78 43.4 30.9 57.5

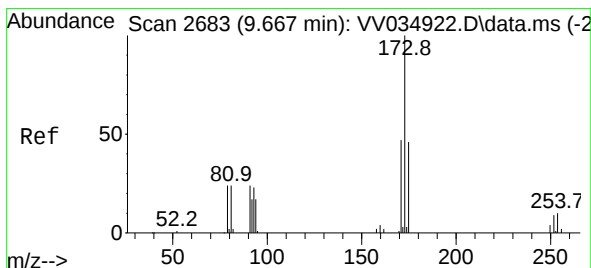
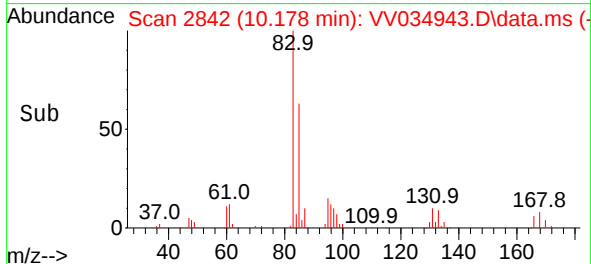
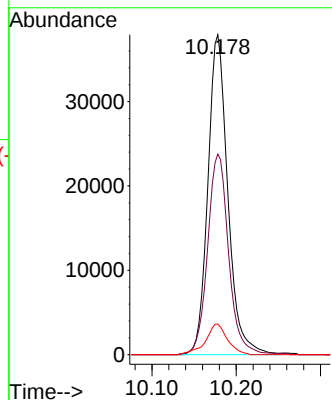
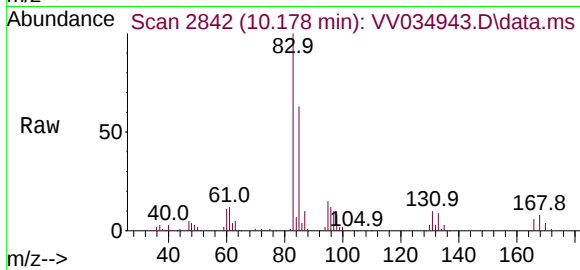




#57
1,1,2,2-Tetrachloroethane
Concen: 6.565 ug/L
RT: 10.178 min Scan# 2842
Delta R.T. -0.000 min
Lab File: VV034943.D
Acq: 02 Apr 2024 19:55

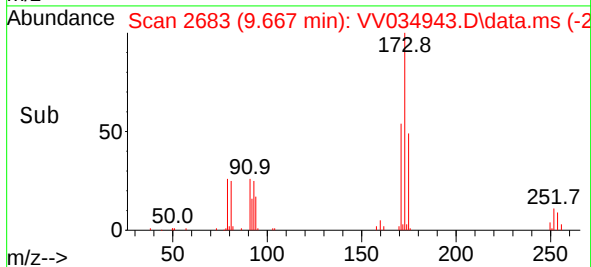
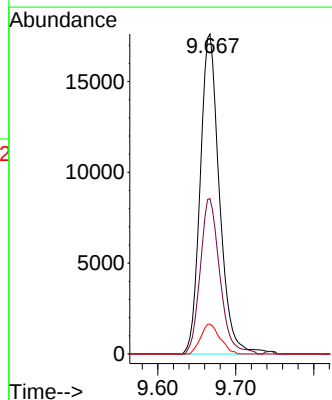
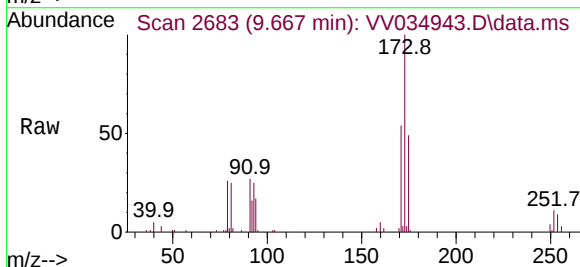
Instrument :
MSVOA_V
ClientSampleId :

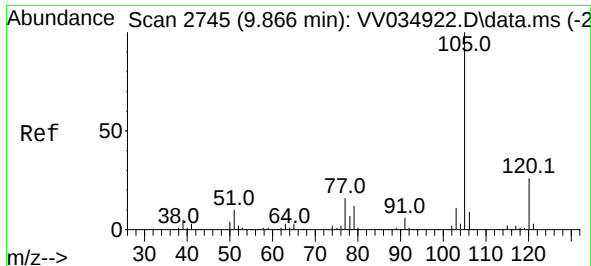
Tgt Ion: 83 Resp: 62494
Ion Ratio Lower Upper
83 100
85 62.7 45.7 84.9
131 9.6 7.6 11.4



#59
Bromoform
Concen: 5.956 ug/L
RT: 9.667 min Scan# 2683
Delta R.T. -0.000 min
Lab File: VV034943.D
Acq: 02 Apr 2024 19:55

Tgt Ion: 173 Resp: 30126
Ion Ratio Lower Upper
173 100
175 49.4 37.8 56.8
254 9.4 7.8 11.6

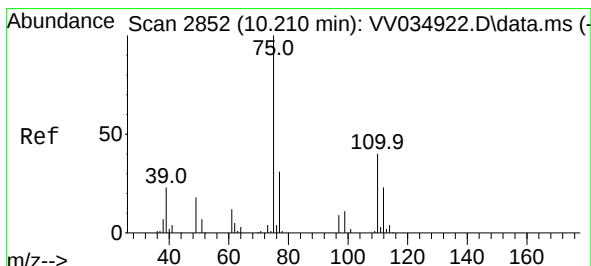
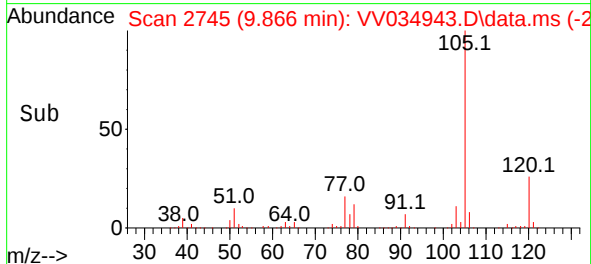
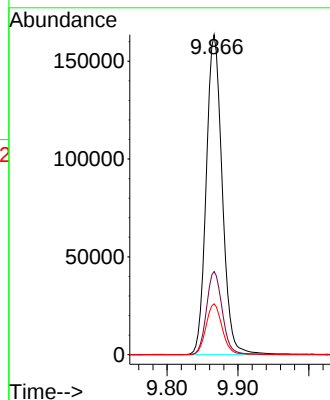
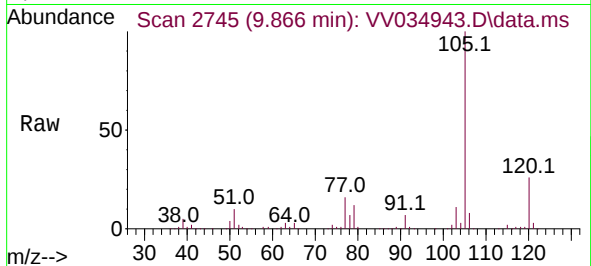




#60
Isopropylbenzene
Concen: 5.032 ug/L
RT: 9.866 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV034943.D
Acq: 02 Apr 2024 19:55

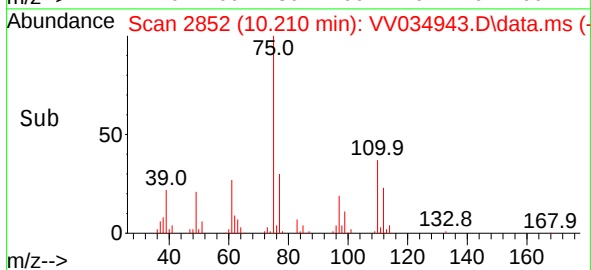
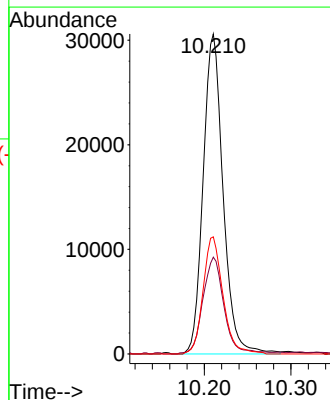
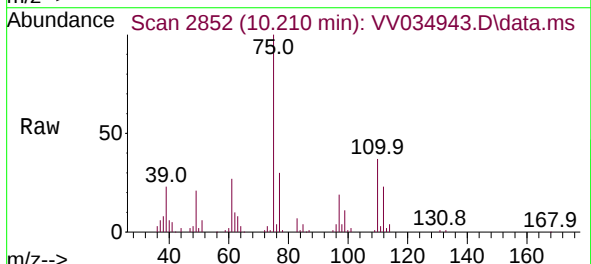
Instrument :
MSVOA_V
ClientSampleId :

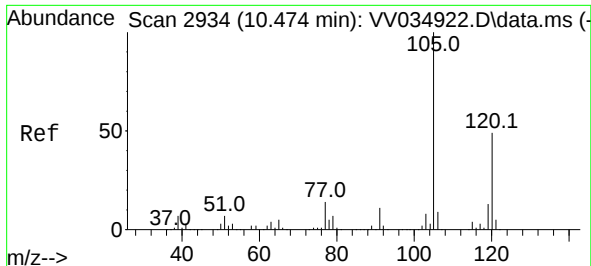
Tgt Ion:105 Resp: 255924
Ion Ratio Lower Upper
105 100
120 25.8 21.0 31.4
77 15.9 13.4 20.2



#61
1,2,3-Trichloropropane
Concen: 6.441 ug/L
RT: 10.210 min Scan# 2852
Delta R.T. -0.000 min
Lab File: VV034943.D
Acq: 02 Apr 2024 19:55

Tgt Ion: 75 Resp: 48932
Ion Ratio Lower Upper
75 100
77 32.0 24.8 37.2
110 36.3 31.0 46.6





#62

1,3,5-Trimethylbenzene

Concen: 4.878 ug/L

RT: 10.474 min Scan# 2934

Delta R.T. -0.000 min

Lab File: VV034943.D

Acq: 02 Apr 2024 19:55

Instrument :

MSVOA_V

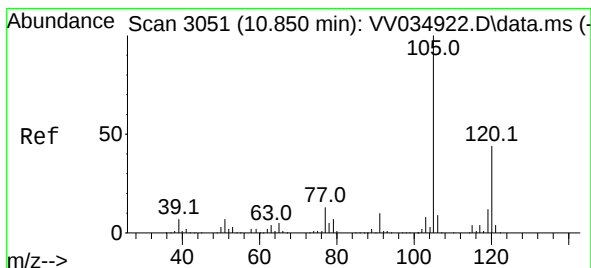
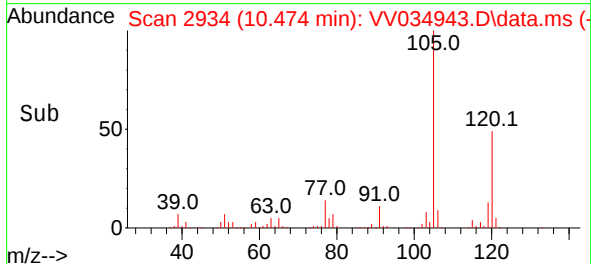
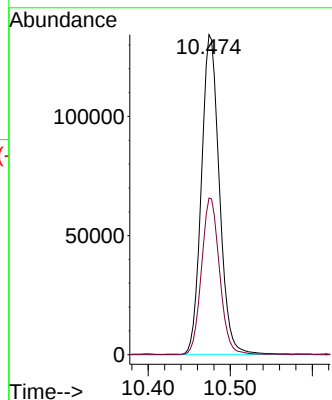
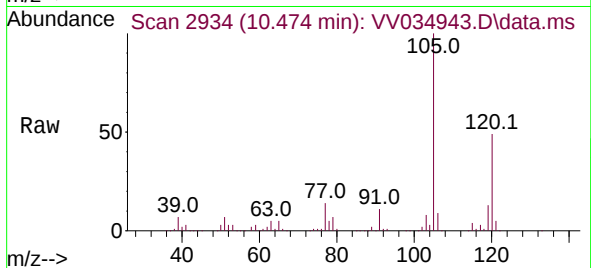
ClientSampleId :

Tgt Ion:105 Resp: 203819

Ion Ratio Lower Upper

105 100

120 49.6 39.2 58.8



#63

1,2,4-Trimethylbenzene

Concen: 5.020 ug/L

RT: 10.850 min Scan# 3051

Delta R.T. -0.000 min

Lab File: VV034943.D

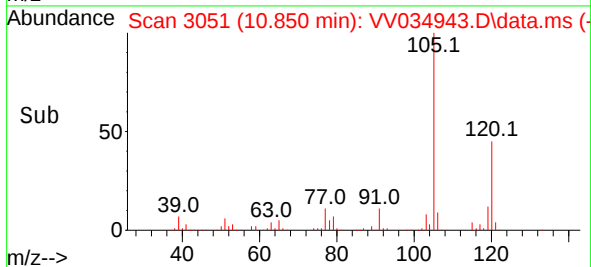
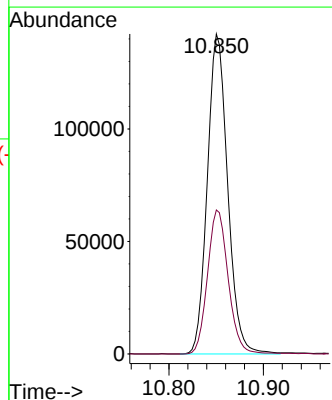
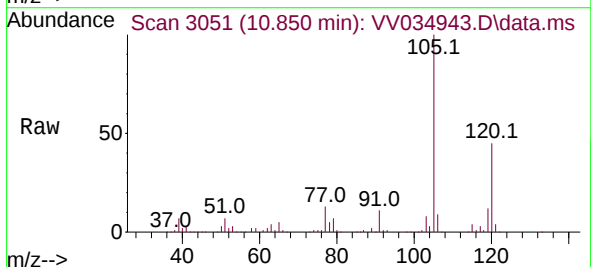
Acq: 02 Apr 2024 19:55

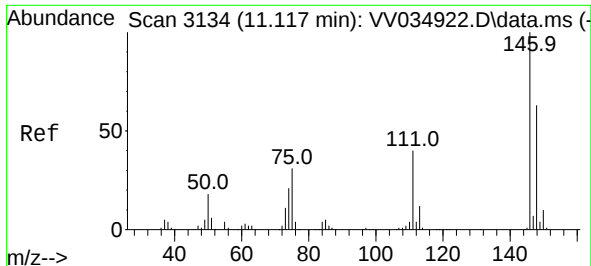
Tgt Ion:105 Resp: 212785

Ion Ratio Lower Upper

105 100

120 45.8 35.8 53.8





#64

1,3-Dichlorobenzene

Concen: 5.728 ug/L

RT: 11.117 min Scan# 3134

Delta R.T. -0.000 min

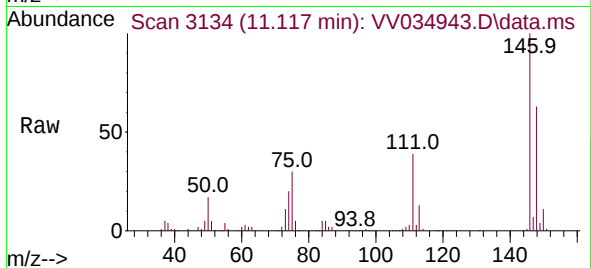
Lab File: VV034943.D

Acq: 02 Apr 2024 19:55

Instrument :

MSVOA_V

ClientSampleId :



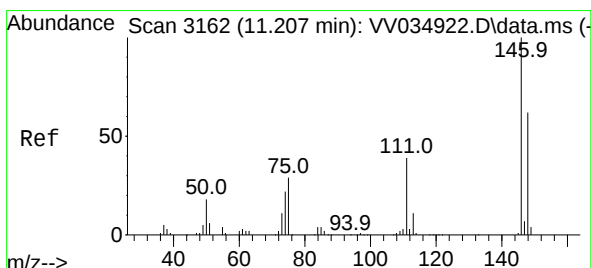
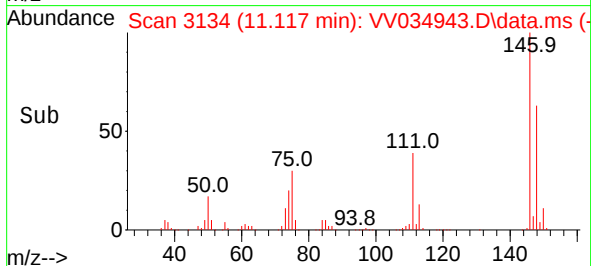
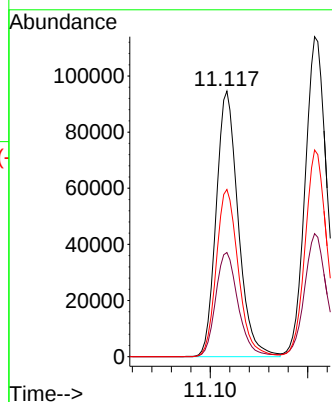
Tgt Ion:146 Resp: 148680

Ion Ratio Lower Upper

146 100

111 39.2 27.7 51.5

148 63.0 44.0 81.8



#65

1,4-Dichlorobenzene

Concen: 7.006 ug/L

RT: 11.207 min Scan# 3162

Delta R.T. -0.000 min

Lab File: VV034943.D

Acq: 02 Apr 2024 19:55

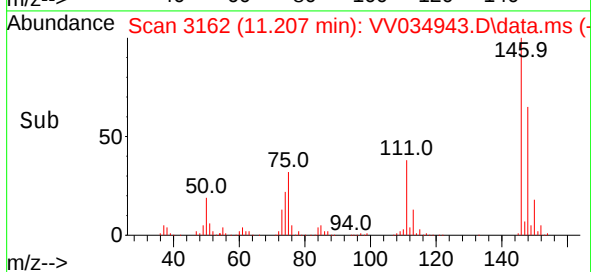
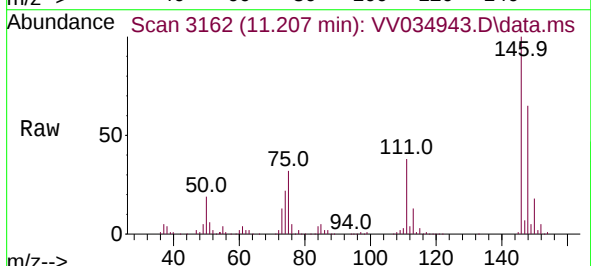
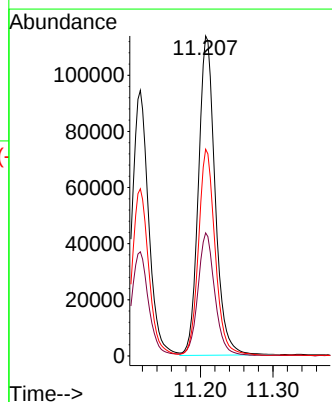
Tgt Ion:146 Resp: 182141

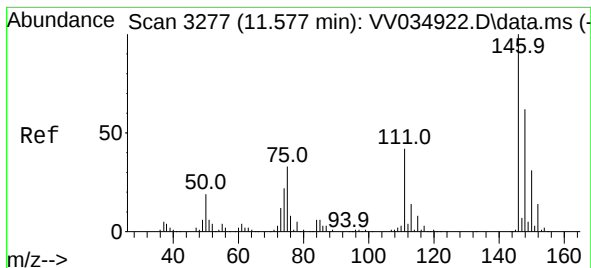
Ion Ratio Lower Upper

146 100

111 38.5 27.3 50.7

148 64.6 43.5 80.7





#67

1,2-Dichlorobenzene

Concen: 5.353 ug/L

RT: 11.580 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV034943.D

Acq: 02 Apr 2024 19:55

Instrument :

MSVOA_V

ClientSampleId :

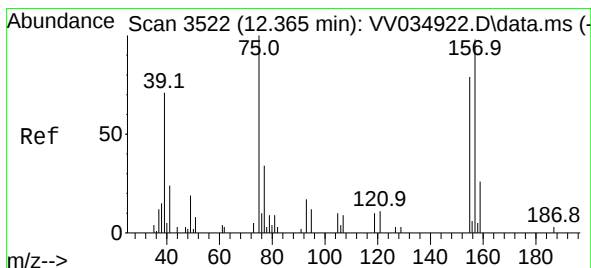
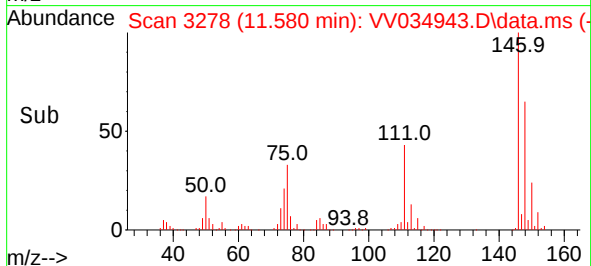
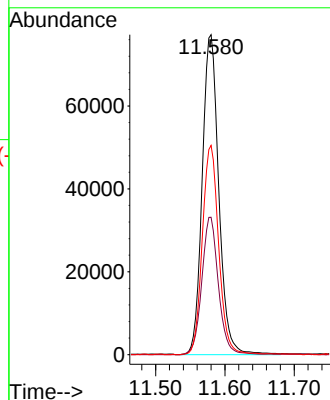
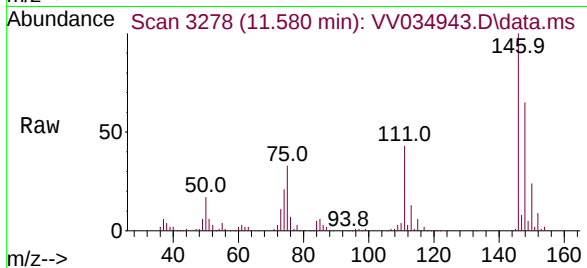
Tgt Ion:146 Resp: 128359

Ion Ratio Lower Upper

146 100

111 43.0 33.9 50.9

148 65.4 49.3 73.9



#68

1,2-Dibromo-3-chloropropane

Concen: 6.450 ug/L

RT: 12.365 min Scan# 3522

Delta R.T. -0.000 min

Lab File: VV034943.D

Acq: 02 Apr 2024 19:55

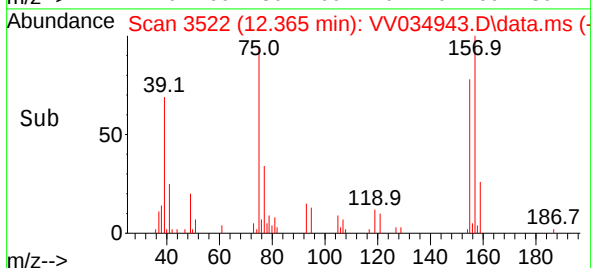
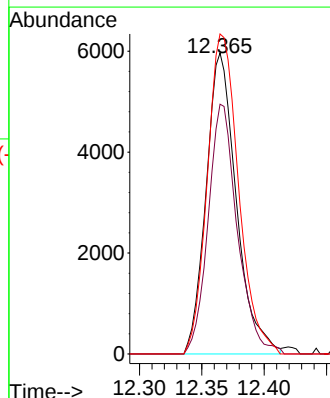
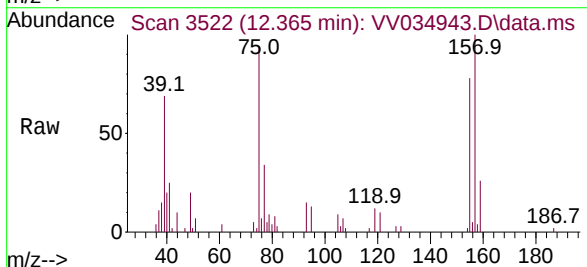
Tgt Ion: 75 Resp: 10072

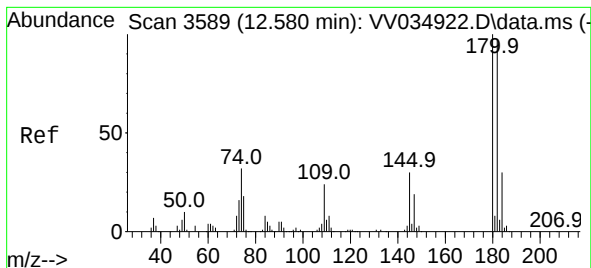
Ion Ratio Lower Upper

75 100

155 83.0 63.4 95.0

157 106.3 78.6 117.8





#69

1,3,5-Trichlorobenzene

Concen: 4.804 ug/L

RT: 12.580 min Scan# 3589

Delta R.T. -0.000 min

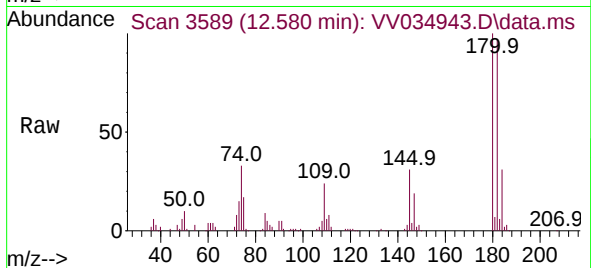
Lab File: VV034943.D

Acq: 02 Apr 2024 19:55

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 93637

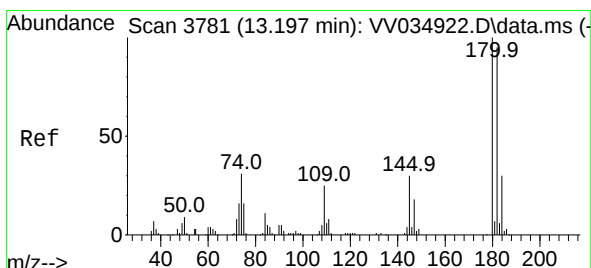
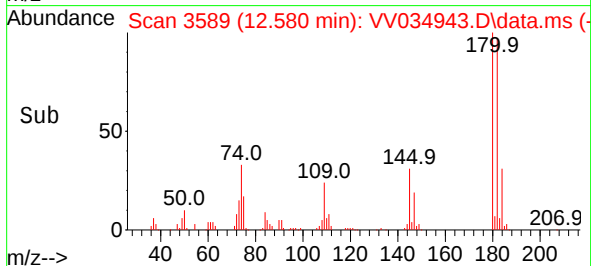
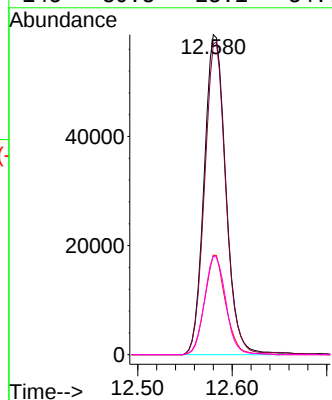
Ion Ratio Lower Upper

180 100

182 95.3 77.3 115.9

184 30.1 24.1 36.1

145 30.3 23.1 34.7



#70

1,2,4-trichlorobenzene

Concen: 20.619 ug/L

RT: 13.197 min Scan# 3781

Delta R.T. -0.000 min

Lab File: VV034943.D

Acq: 02 Apr 2024 19:55

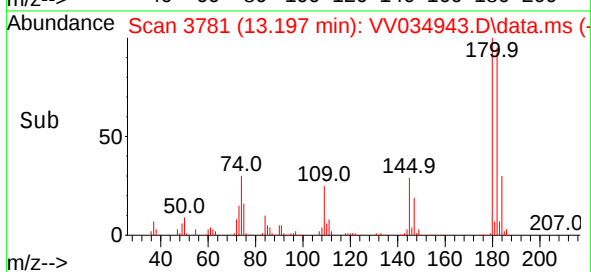
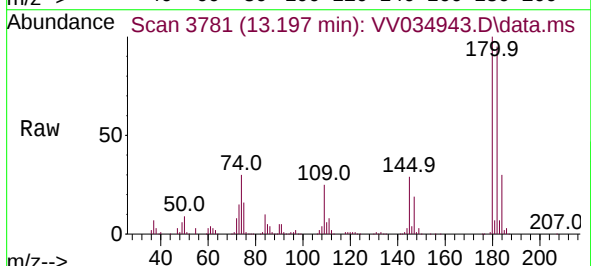
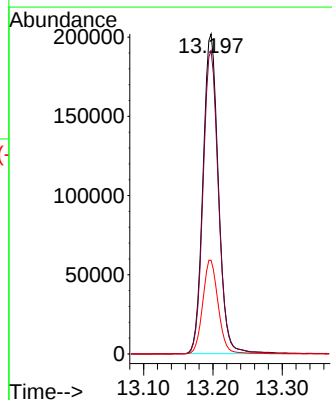
Tgt Ion:180 Resp: 312176

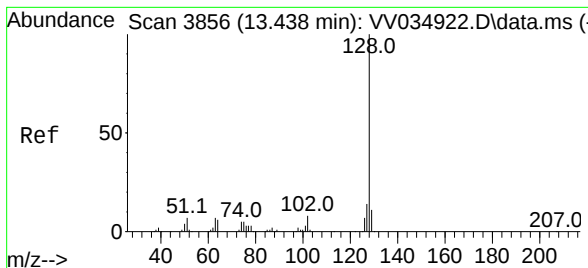
Ion Ratio Lower Upper

180 100

182 94.8 75.3 112.9

145 29.6 23.4 35.0





#71

Naphthalene

Concen: 6.075 ug/L

RT: 13.438 min Scan# 3856

Delta R.T. -0.000 min

Lab File: VV034943.D

Acq: 02 Apr 2024 19:55

Instrument :

MSVOA_V

ClientSampleId :

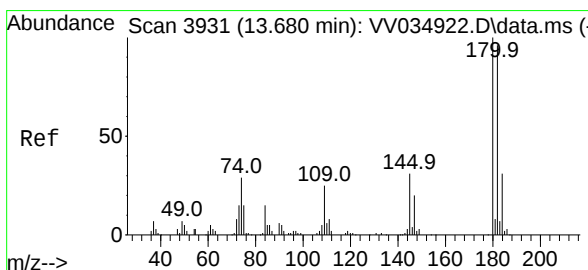
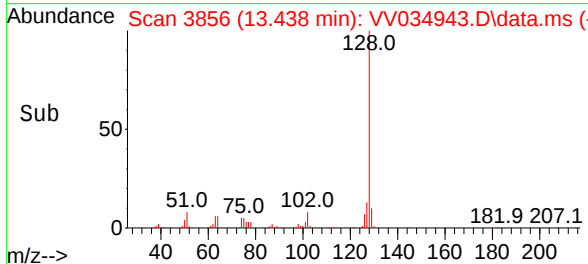
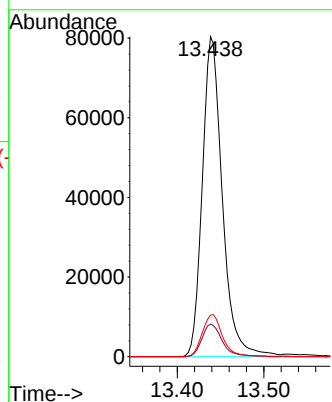
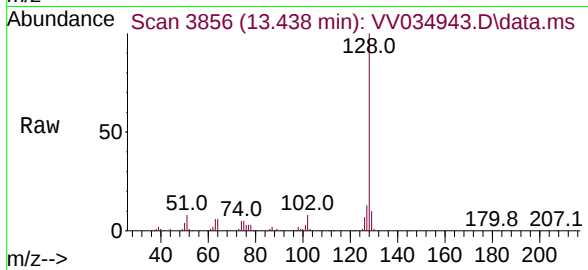
Tgt Ion:128 Resp: 129262

Ion Ratio Lower Upper

128 100

129 10.3 8.6 12.8

127 13.4 10.7 16.1



#72

1,2,3-Trichlorobenzene

Concen: 6.902 ug/L

RT: 13.680 min Scan# 3931

Delta R.T. -0.000 min

Lab File: VV034943.D

Acq: 02 Apr 2024 19:55

Tgt Ion:180 Resp: 91899

Ion Ratio Lower Upper

180 100

182 93.9 77.0 115.4

145 31.2 25.4 38.2

