

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040224\
 Data File : VV034921.D
 Acq On : 02 Apr 2024 09:23
 Operator : SY/MD
 Sample : VSTD00147
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 03 04:47:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Apr 03 04:45:52 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	181833	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	181573	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	83724	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	13599	0.907	ug/L	0.00
7) Chloroethane-d5	1.532	69	11062	0.895	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.060	65	5929	0.871	ug/L	0.00
20) 2-Butanone-d5	3.883	46	2251	0.960	ug/L	0.05
24) Chloroform-d	4.256	84	21207	0.875	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.957	65	9574	0.874	ug/L	0.00
32) Benzene-d6	4.969	84	40110	0.844	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.998	67	11988	0.860	ug/L	0.00
41) Toluene-d8	7.249	98	35017	0.812	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.571	79	3839	0.775	ug/L	0.01
46) 2-Hexanone-d5	8.046	63	10308	6.065	ug/L	0.02
56) 1,1,2,2-Tetrachloroeth...	10.156	84	7971	0.819	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.564	152	11517	0.873	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	14709	1.051	ug/L	98
3) Chloromethane	1.214	50	17233	1.015	ug/L	100
5) Vinyl chloride	1.285	62	18558	1.022	ug/L	100
6) Bromomethane	1.490	94	10739	1.036	ug/L	100
8) Chloroethane	1.552	64	12084	1.036	ug/L	97
9) Trichlorofluoromethane	1.716	101	24428	1.012	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	15052	1.018	ug/L	98
12) 1,1-Dichloroethene	2.069	96	13634	0.988	ug/L	95
13) Acetone	2.140	43	7205	4.212	ug/L	59
14) Carbon disulfide	2.243	76	40641	0.988	ug/L	100
15) Methyl Acetate	2.397	43	3151	0.667	ug/L	94
16) Methylene chloride	2.449	84	15798	1.043	ug/L	96
17) Methyl tert-butyl Ether	2.706	73	27659	0.930	ug/L	100
18) trans-1,2-Dichloroethene	2.699	96	13379	0.978	ug/L	94
19) 1,1-Dichloroethane	3.117	63	27678	1.025	ug/L	99
21) 2-Butanone	3.963	43	5473	1.982	ug/L #	44
22) cis-1,2-Dichloroethene	3.828	96	14169	0.989	ug/L	96
23) Bromochloromethane	4.159	128	6076	1.010	ug/L	94
25) Chloroform	4.281	83	26306	0.981	ug/L	99
27) 1,2-Dichloroethane	5.053	62	14509	0.962	ug/L #	93
29) 1,1,1-Trichloroethane	4.519	97	21370	0.960	ug/L	98
30) Cyclohexane	4.584	56	19316	0.942	ug/L	98
31) Carbon tetrachloride	4.738	117	19308	1.014	ug/L	96
33) Benzene	5.018	78	51904	0.934	ug/L	100
34) Trichloroethene	5.841	95	14104	0.974	ug/L	97
35) Methylcyclohexane	6.047	83	20791	0.943	ug/L	97
37) 1,2-Dichloropropane	6.098	63	12815	0.889	ug/L #	96
38) Bromodichloromethane	6.439	83	17512	0.963	ug/L	97
39) cis-1,3-Dichloropropene	6.969	75	16718	0.863	ug/L	100
40) 4-Methyl-2-pentanone	7.169	43	46526	7.548	ug/L	98
42) Toluene	7.320	91	55160	0.944	ug/L	99
44) trans-1,3-Dichloropropene	7.593	75	13398	0.835	ug/L	98

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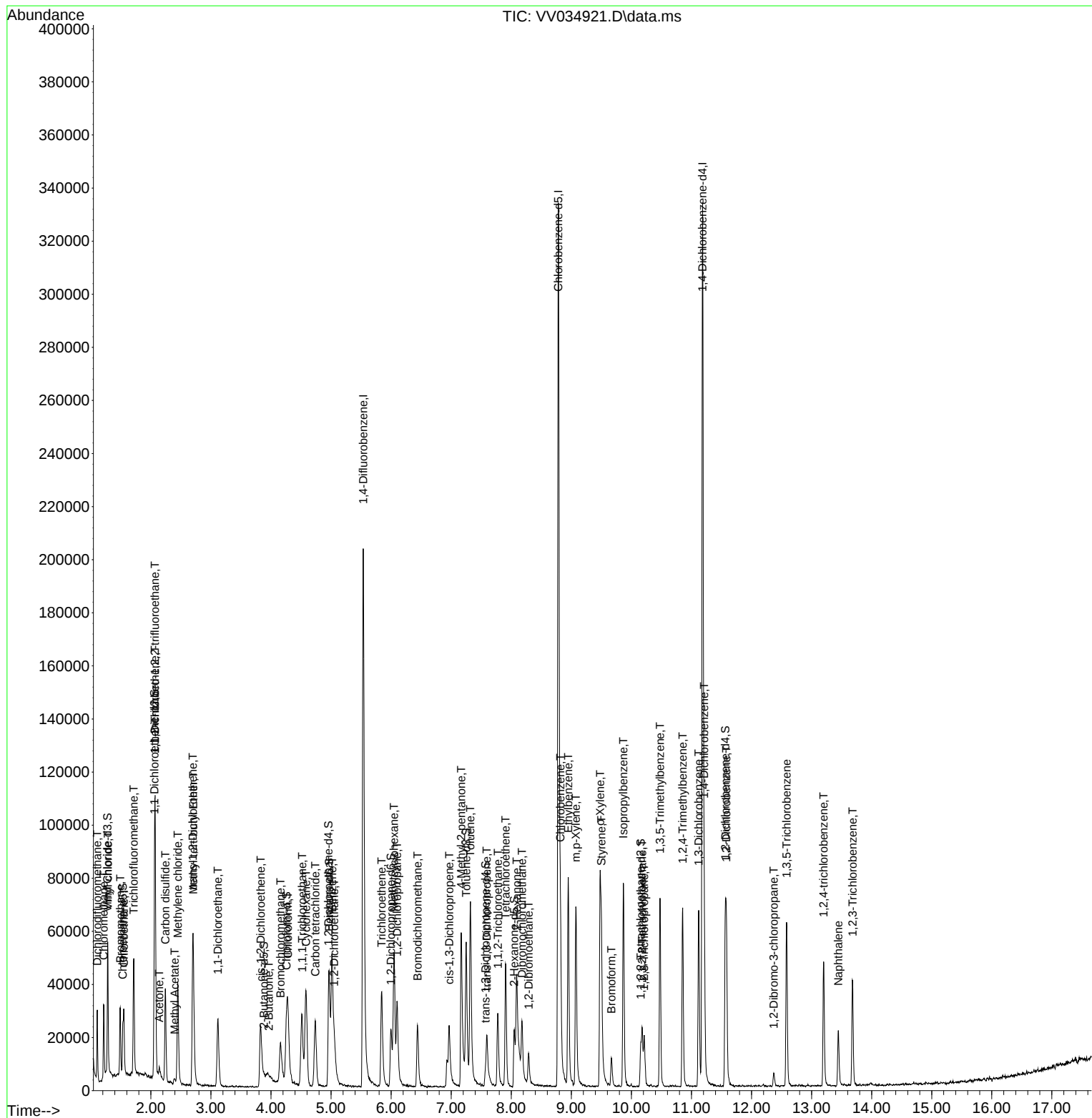
Quant Time: Apr 03 04:47:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Apr 03 04:45:52 2024
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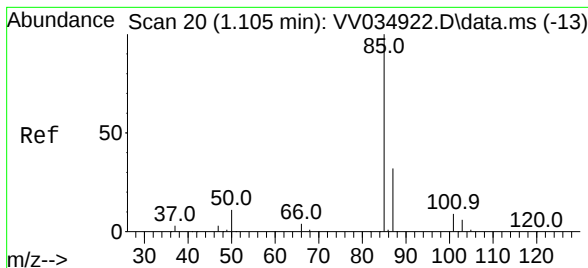
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	7.776	97	9422	0.995	ug/L	94
47) Tetrachloroethene	7.905	164	10408	0.956	ug/L	90
48) 2-Hexanone	8.091	43	39303	8.170	ug/L #	75
49) Dibromochloromethane	8.181	129	10550	0.946	ug/L	90
50) 1,2-Dibromoethane	8.291	107	8839	0.991	ug/L #	96
51) Chlorobenzene	8.818	112	36436	0.965	ug/L	99
52) Ethylbenzene	8.950	91	57315	0.908	ug/L	100
53) m,p-Xylene	9.075	106	21166	0.913	ug/L	99
54) o-Xylene	9.480	106	19734	0.868	ug/L	95
55) Styrene	9.500	104	29762	0.814	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.178	83	10836	0.957	ug/L	95
59) Bromoform	9.667	173	4883	0.938	ug/L #	91
60) Isopropylbenzene	9.866	105	48831	0.933	ug/L	100
61) 1,2,3-Trichloropropane	10.214	75	7553	0.966	ug/L #	91
62) 1,3,5-Trimethylbenzene	10.477	105	38407	0.893	ug/L	99
63) 1,2,4-Trimethylbenzene	10.853	105	37712	0.865	ug/L	98
64) 1,3-Dichlorobenzene	11.120	146	26071	0.976	ug/L	96
65) 1,4-Dichlorobenzene	11.210	146	26325	0.984	ug/L	99
67) 1,2-Dichlorobenzene	11.580	146	23922	0.970	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.371	75	1600	0.996	ug/L	94
69) 1,3,5-Trichlorobenzene	12.583	180	19642	0.980	ug/L	98
70) 1,2,4-trichlorobenzene	13.201	180	14320	0.919	ug/L	97
71) Naphthalene	13.445	128	17888	0.817	ug/L	99
72) 1,2,3-Trichlorobenzene	13.683	180	12305	0.898	ug/L	98

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

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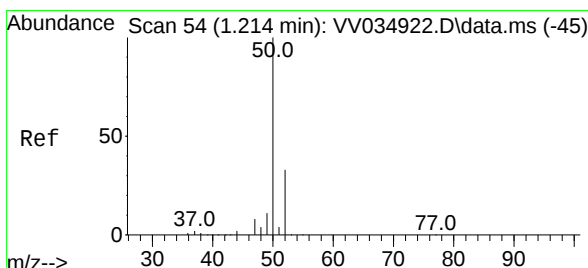
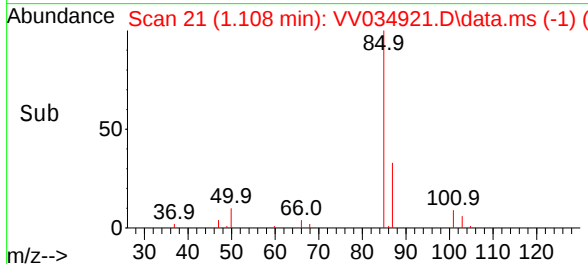
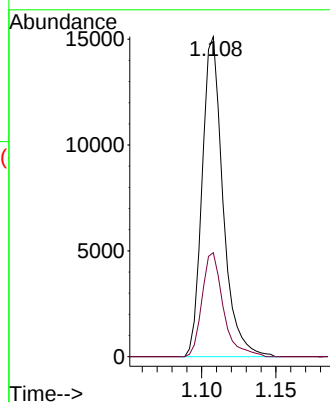
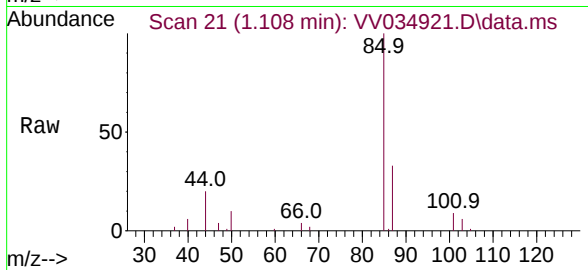




#2
 Dichlorodifluoromethane
 Concen: 1.051 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV034921.D
 Acq: 02 Apr 2024 09:23

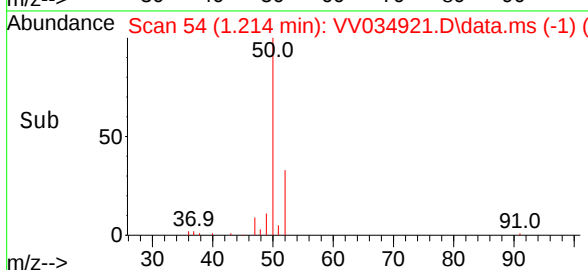
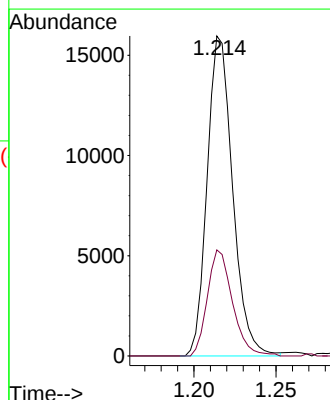
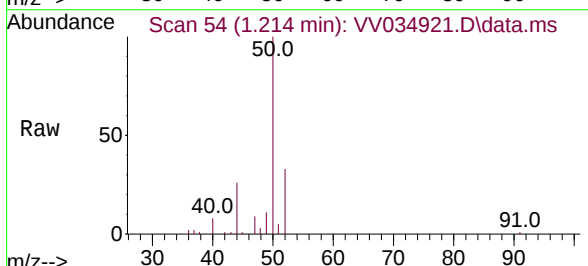
Instrument :
 MSVOA_V
 ClientSampleId :

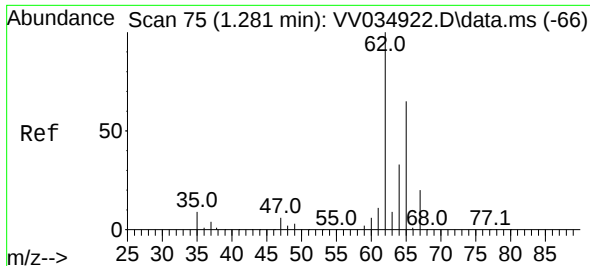
Tgt Ion: 85 Resp: 14709
 Ion Ratio Lower Upper
 85 100
 87 33.1 25.7 38.5



#3
 Chloromethane
 Concen: 1.015 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. 0.000 min
 Lab File: VV034921.D
 Acq: 02 Apr 2024 09:23

Tgt Ion: 50 Resp: 17233
 Ion Ratio Lower Upper
 50 100
 52 33.1 23.4 43.4

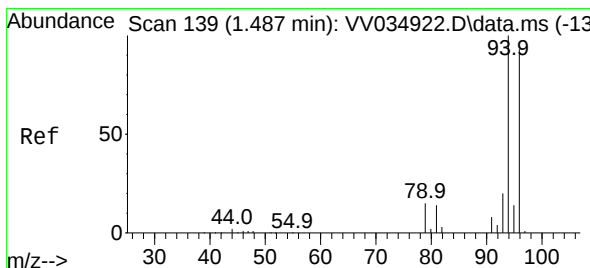
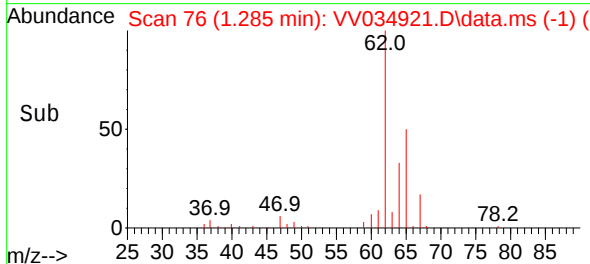
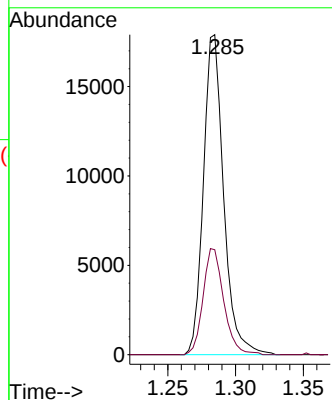
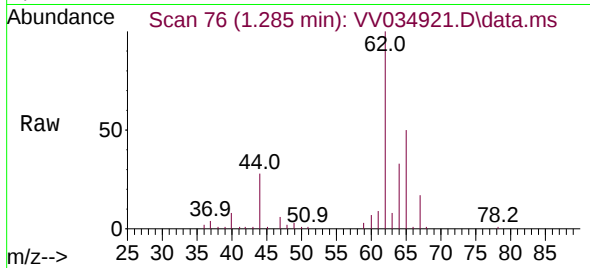




#5
 Vinyl chloride
 Concen: 1.022 ug/L
 RT: 1.285 min Scan# 75
 Delta R.T. 0.003 min
 Lab File: VV034921.D
 Acq: 02 Apr 2024 09:23

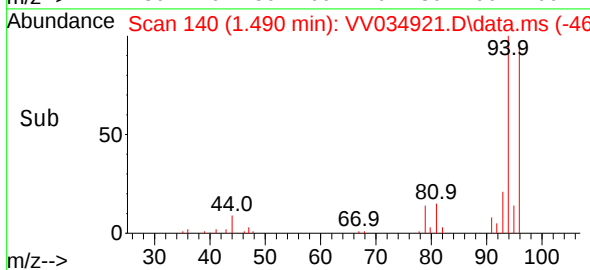
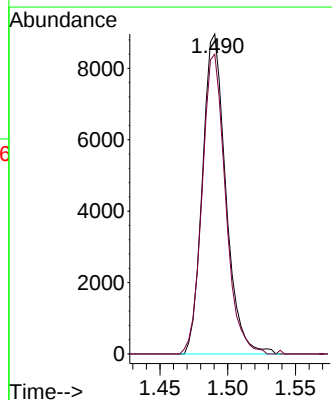
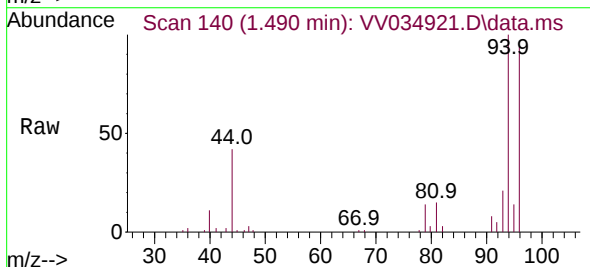
Instrument :
 MSVOA_V
 ClientSampleId :

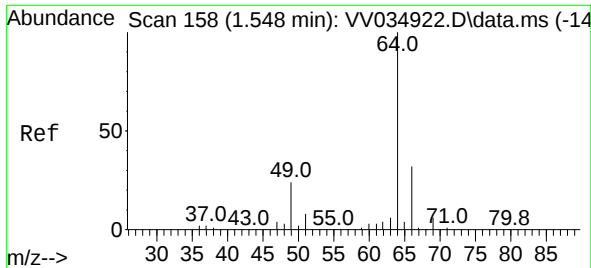
Tgt Ion: 62 Resp: 18558
 Ion Ratio Lower Upper
 62 100
 64 32.8 22.9 42.5



#6
 Bromomethane
 Concen: 1.036 ug/L
 RT: 1.490 min Scan# 140
 Delta R.T. 0.003 min
 Lab File: VV034921.D
 Acq: 02 Apr 2024 09:23

Tgt Ion: 94 Resp: 10739
 Ion Ratio Lower Upper
 94 100
 96 93.7 65.4 121.4

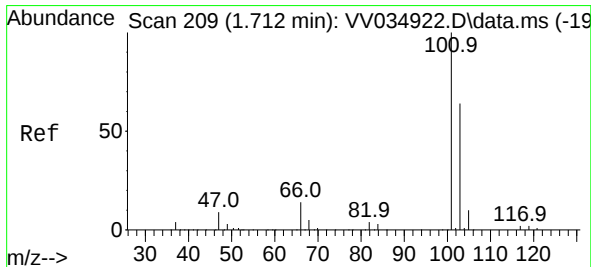
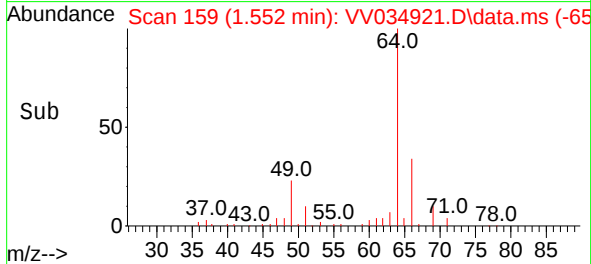
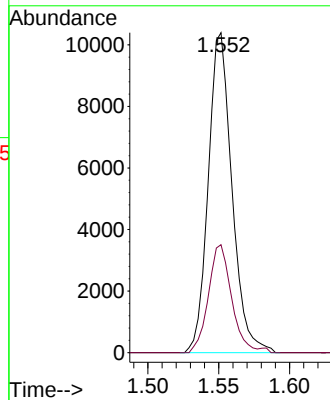
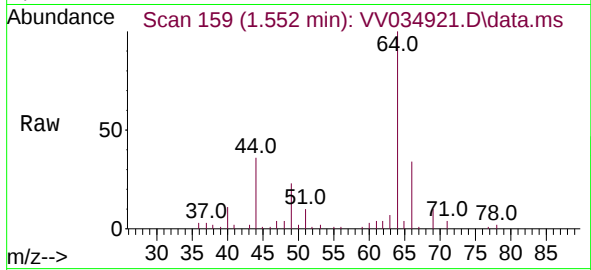




#8
Chloroethane
Concen: 1.036 ug/L
RT: 1.552 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV034921.D
Acq: 02 Apr 2024 09:23

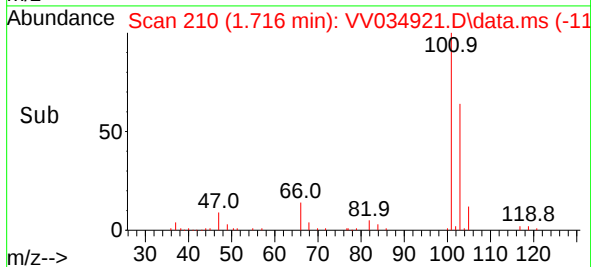
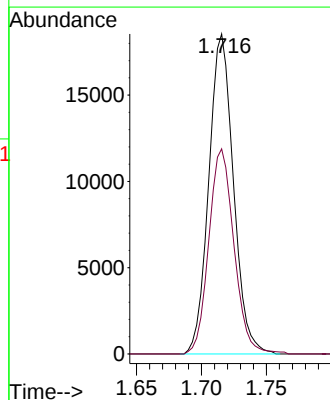
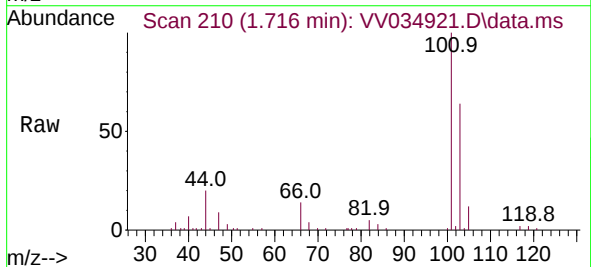
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MSVOA_V
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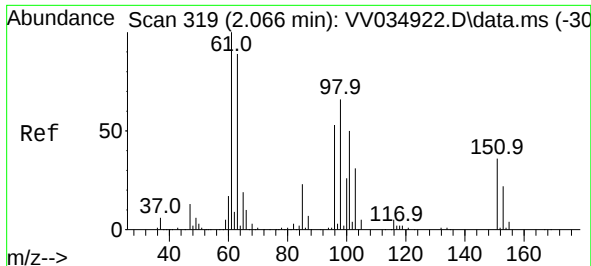
Tgt Ion: 64 Resp: 12084
Ion Ratio Lower Upper
64 100
66 33.7 22.6 42.0



#9
Trichlorofluoromethane
Concen: 1.012 ug/L
RT: 1.716 min Scan# 210
Delta R.T. 0.003 min
Lab File: VV034921.D
Acq: 02 Apr 2024 09:23

Tgt Ion: 101 Resp: 24428
Ion Ratio Lower Upper
101 100
103 65.6 51.9 77.9





#10

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

Concen: 1.018 ug/L

RT: 2.069 min Scan# 319

Delta R.T. 0.003 min

Lab File: VV034921.D

Acq: 02 Apr 2024 09:23

Instrument :

MSVOA_V

ClientSampleId :

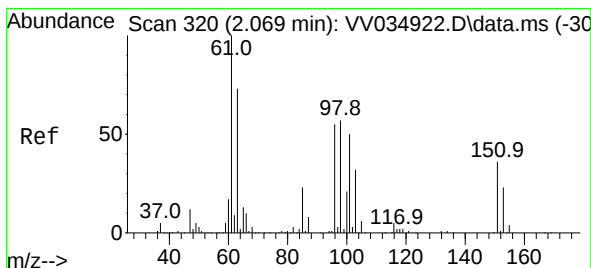
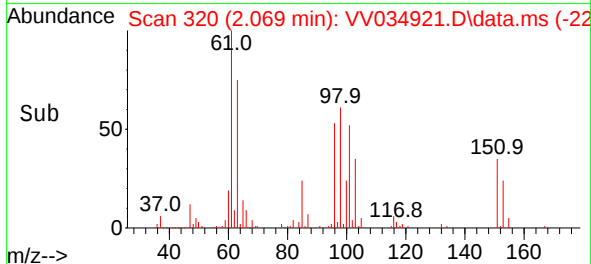
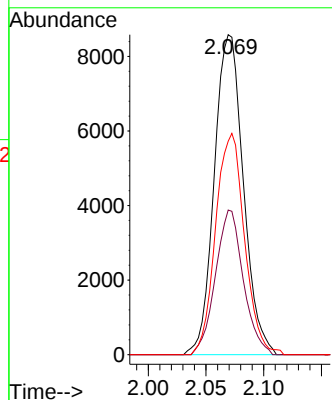
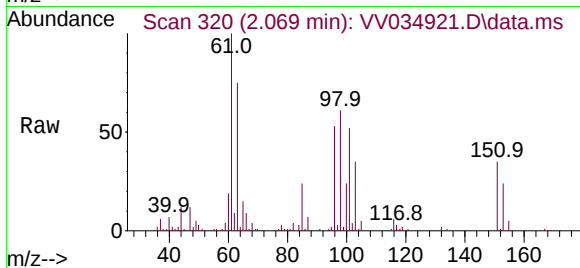
Tgt Ion:101 Resp: 15052

Ion Ratio Lower Upper

101 100

85 43.2 36.2 54.4

151 68.6 56.0 84.0



#12

1,1-Dichloroethene

Concen: 0.988 ug/L

RT: 2.069 min Scan# 320

Delta R.T. 0.000 min

Lab File: VV034921.D

Acq: 02 Apr 2024 09:23

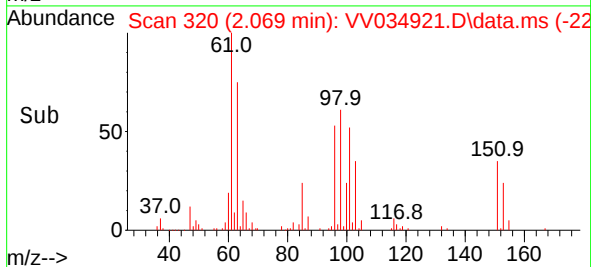
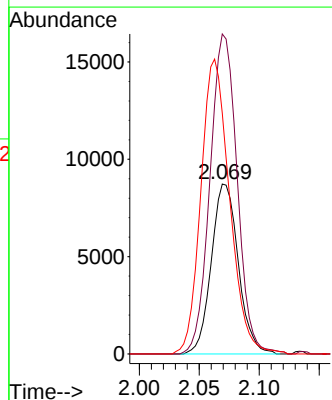
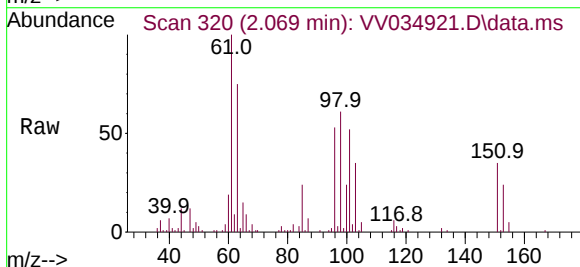
Tgt Ion: 96 Resp: 13634

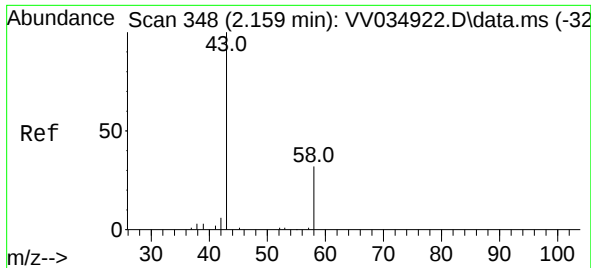
Ion Ratio Lower Upper

96 100

61 188.3 128.1 237.9

63 141.7 93.5 173.7





#13

Acetone

Concen: 4.212 ug/L

RT: 2.140 min Scan# 34

Delta R.T. -0.019 min

Lab File: VV034921.D

Acq: 02 Apr 2024 09:23

Instrument :

MSVOA_V

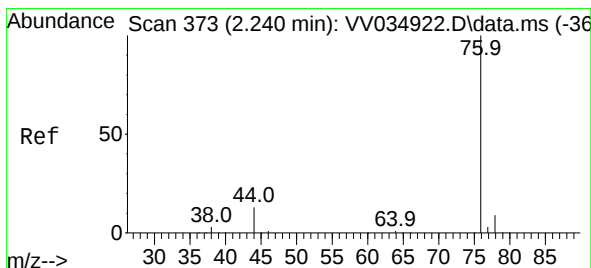
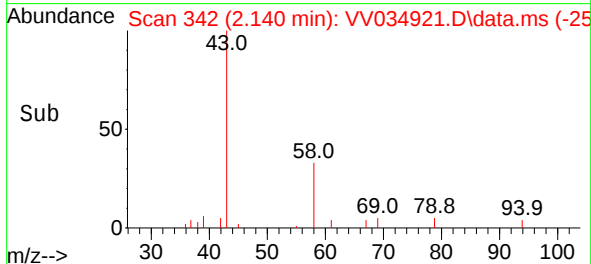
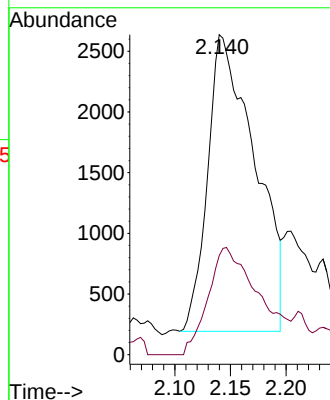
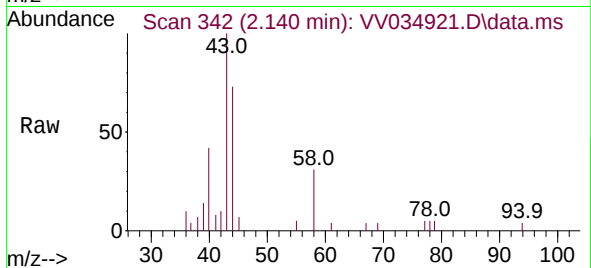
ClientSampleId :

Tgt Ion: 43 Resp: 7205

Ion Ratio Lower Upper

43 100

58 39.6 0.0 40.8



#14

Carbon disulfide

Concen: 0.988 ug/L

RT: 2.243 min Scan# 374

Delta R.T. 0.003 min

Lab File: VV034921.D

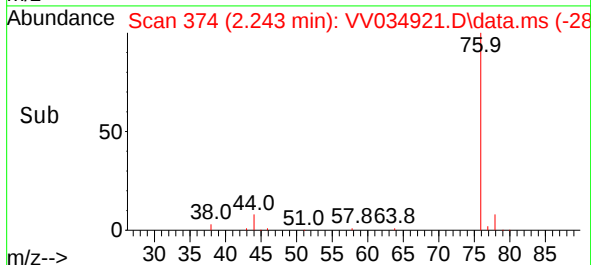
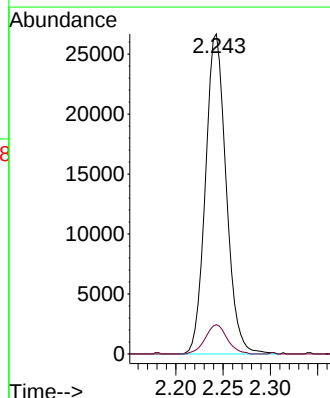
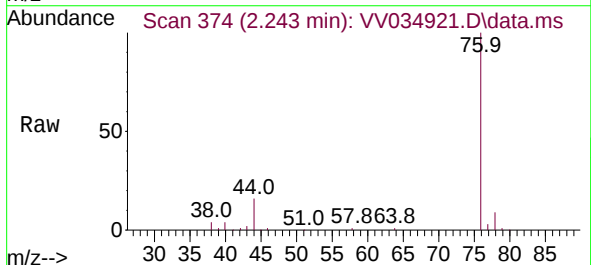
Acq: 02 Apr 2024 09:23

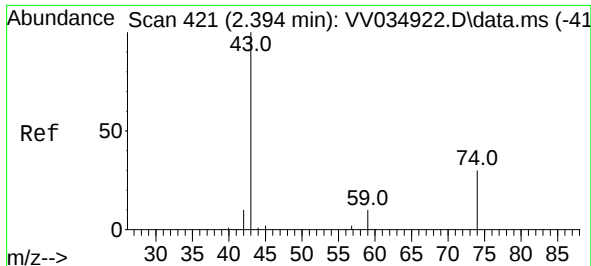
Tgt Ion: 76 Resp: 40641

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.2





#15

Methyl Acetate

Concen: 0.667 ug/L

RT: 2.397 min Scan# 41

Delta R.T. 0.003 min

Lab File: VV034921.D

Acq: 02 Apr 2024 09:23

Instrument :

MSVOA_V

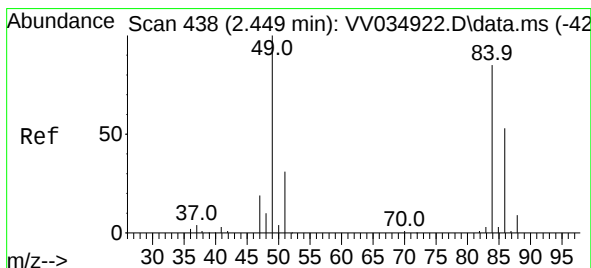
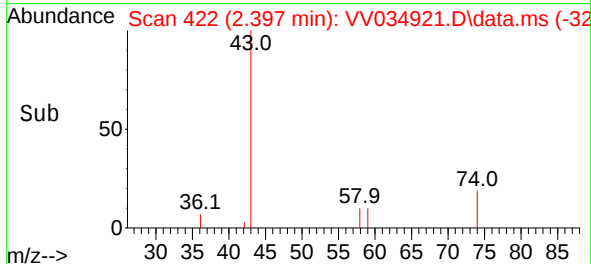
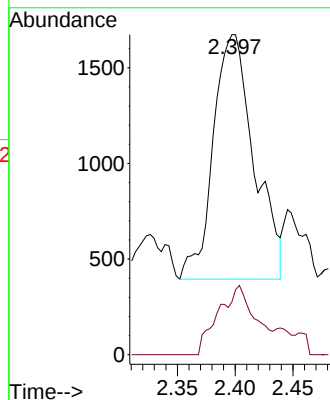
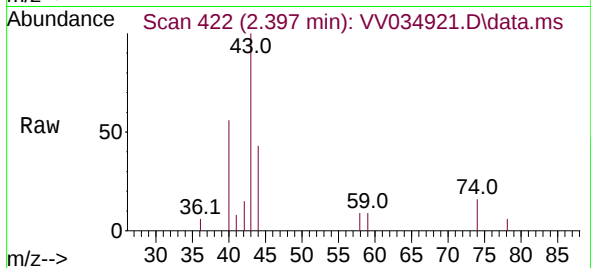
ClientSampleId :

Tgt Ion: 43 Resp: 3151

Ion Ratio Lower Upper

43 100

74 25.9 18.5 27.7



#16

Methylene chloride

Concen: 1.043 ug/L

RT: 2.449 min Scan# 438

Delta R.T. 0.000 min

Lab File: VV034921.D

Acq: 02 Apr 2024 09:23

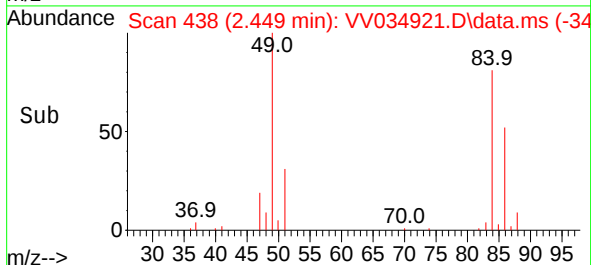
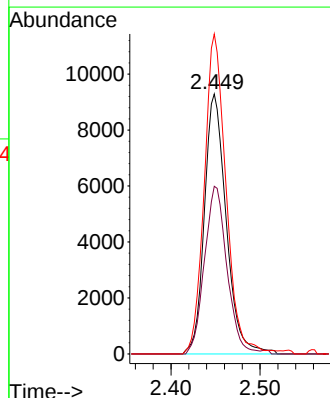
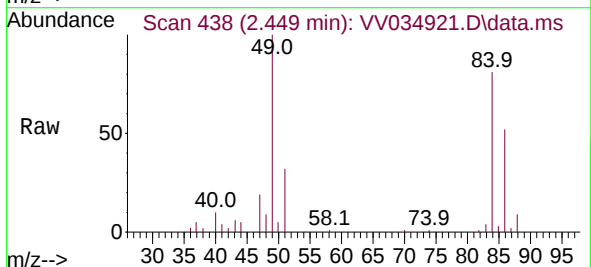
Tgt Ion: 84 Resp: 15798

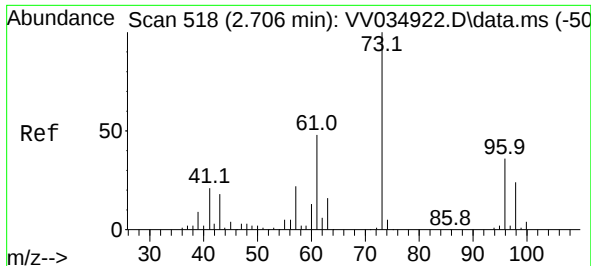
Ion Ratio Lower Upper

84 100

86 64.5 43.5 80.9

49 123.1 82.5 153.3





#17

Methyl tert-butyl Ether

Concen: 0.930 ug/L

RT: 2.706 min Scan# 518

Delta R.T. 0.000 min

Lab File: VV034921.D

Acq: 02 Apr 2024 09:23

Instrument :

MSVOA_V

ClientSampleId :

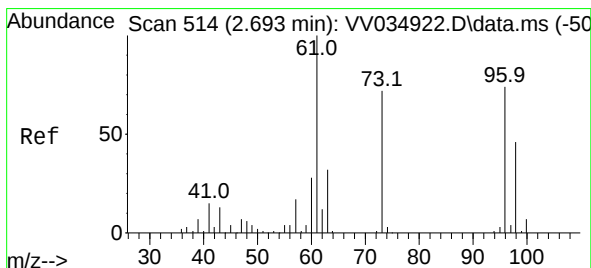
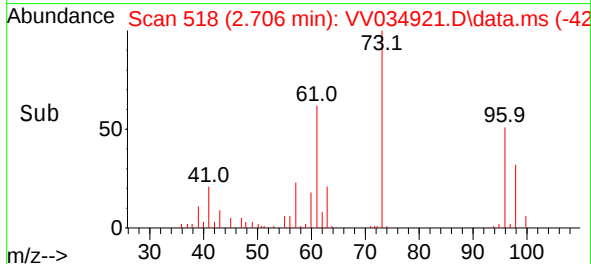
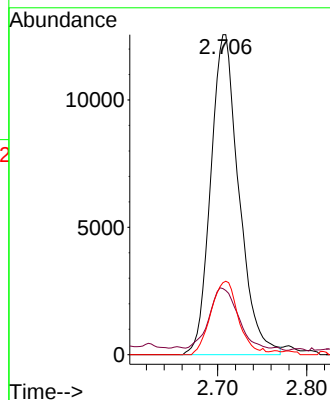
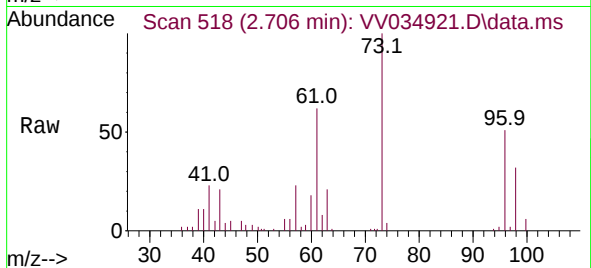
Tgt Ion: 73 Resp: 27659

Ion Ratio Lower Upper

73 100

43 18.8 14.8 22.2

57 22.5 18.1 27.1



#18

trans-1,2-Dichloroethene

Concen: 0.978 ug/L

RT: 2.699 min Scan# 516

Delta R.T. 0.006 min

Lab File: VV034921.D

Acq: 02 Apr 2024 09:23

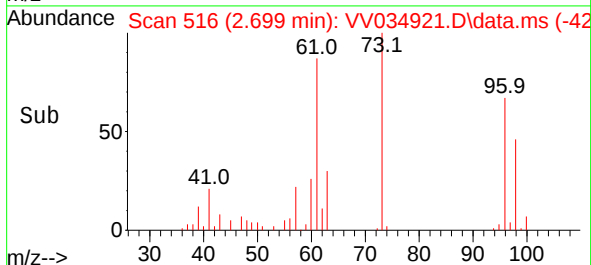
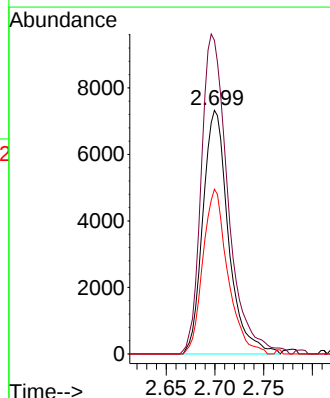
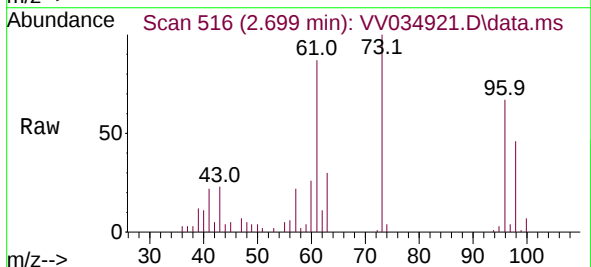
Tgt Ion: 96 Resp: 13379

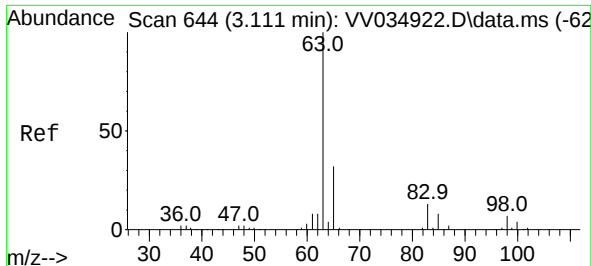
Ion Ratio Lower Upper

96 100

61 128.7 94.5 175.5

98 67.6 43.5 80.9





#19

1,1-Dichloroethane

Concen: 1.025 ug/L

RT: 3.117 min Scan# 644

Delta R.T. 0.006 min

Lab File: VV034921.D

Acq: 02 Apr 2024 09:23

Instrument :

MSVOA_V

ClientSampleId :

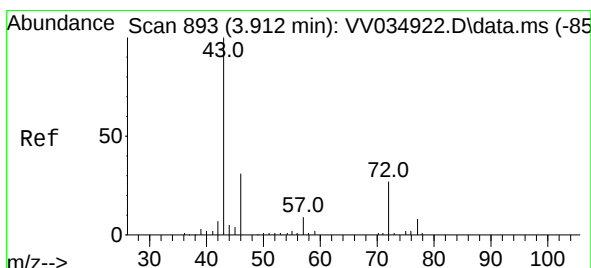
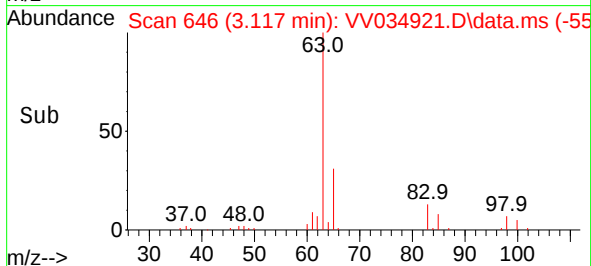
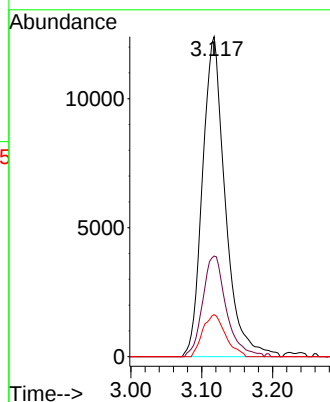
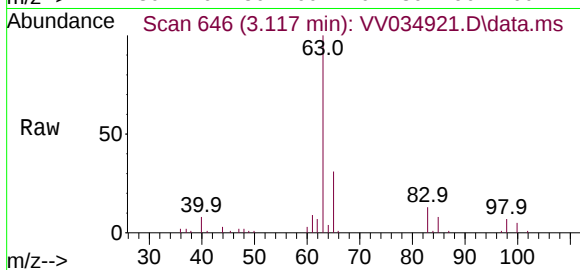
Tgt Ion: 63 Resp: 27678

Ion Ratio Lower Upper

63 100

65 31.4 22.5 41.9

83 13.2 9.1 16.9



#21

2-Butanone

Concen: 1.982 ug/L

RT: 3.963 min Scan# 909

Delta R.T. 0.051 min

Lab File: VV034921.D

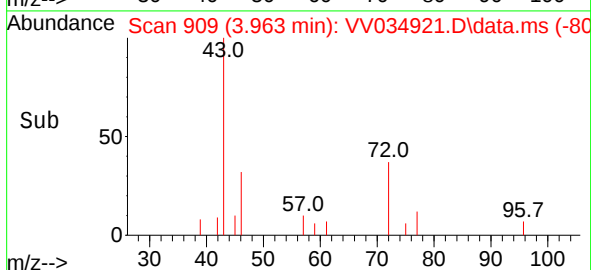
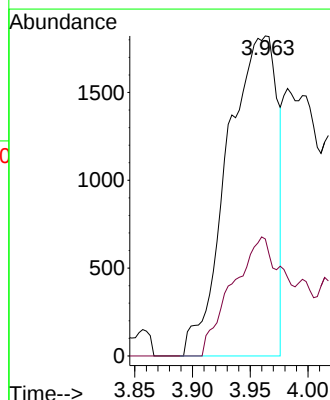
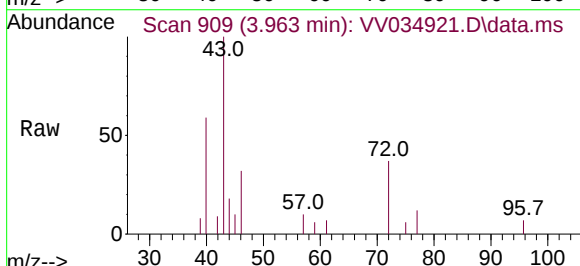
Acq: 02 Apr 2024 09:23

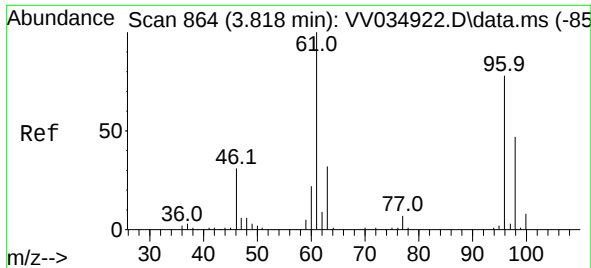
Tgt Ion: 43 Resp: 5473

Ion Ratio Lower Upper

43 100

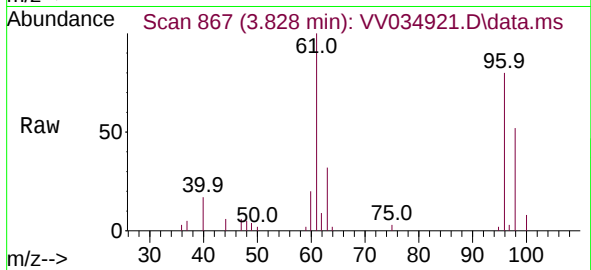
72 38.4 7.5 22.5#





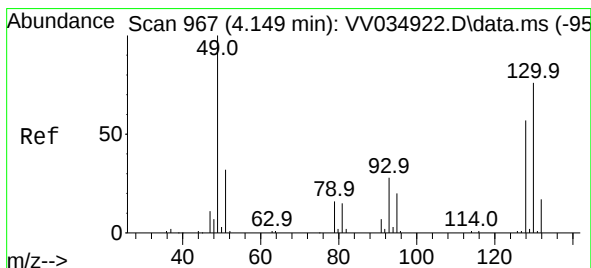
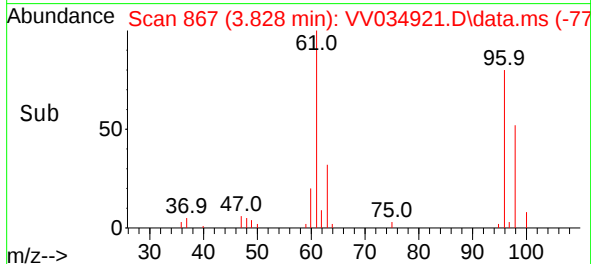
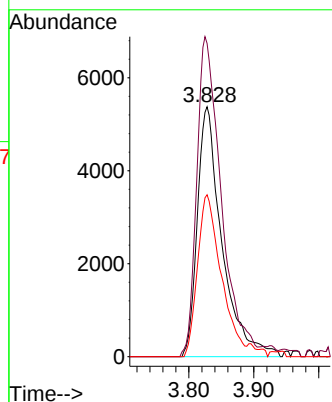
#22
cis-1,2-Dichloroethene
Concen: 0.989 ug/L
RT: 3.828 min Scan# 864
Delta R.T. 0.010 min
Lab File: VV034921.D
Acq: 02 Apr 2024 09:23

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 96 Resp: 14169

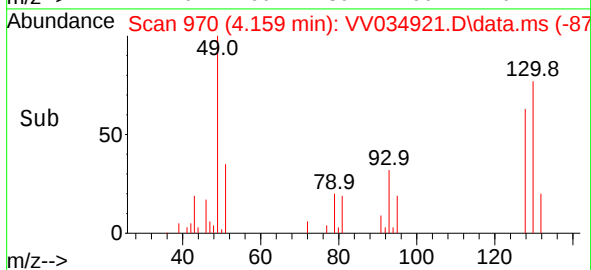
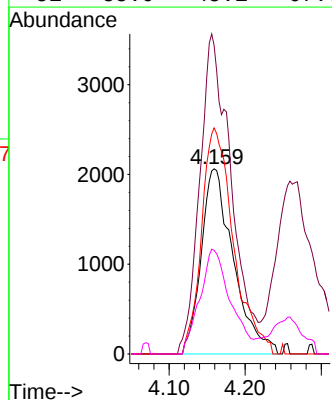
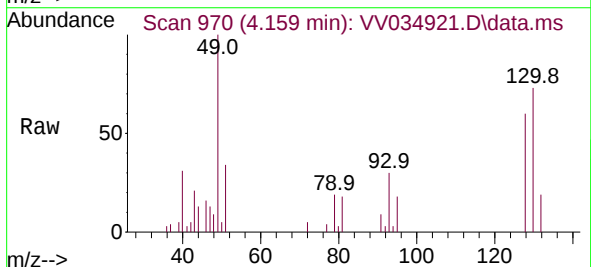
Ion	Ratio	Lower	Upper
96	100		
61	125.3	90.3	167.7
98	64.8	42.7	79.3

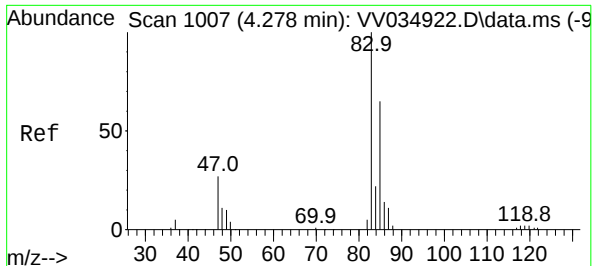


#23
Bromochloromethane
Concen: 1.010 ug/L
RT: 4.159 min Scan# 970
Delta R.T. 0.010 min
Lab File: VV034921.D
Acq: 02 Apr 2024 09:23

Tgt Ion: 128 Resp: 6076

Ion	Ratio	Lower	Upper
128	100		
49	166.7	122.9	228.3
130	122.1	92.1	171.1
51	55.9	45.1	67.7





#25

Chloroform

Concen: 0.981 ug/L

RT: 4.281 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV034921.D

Acq: 02 Apr 2024 09:23

Instrument :

MSVOA_V

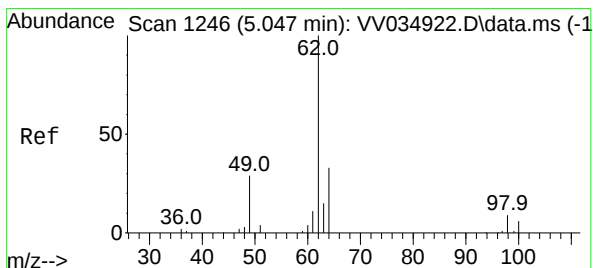
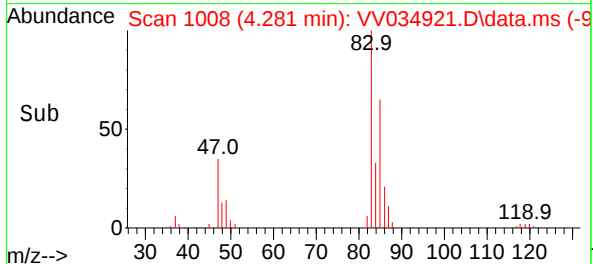
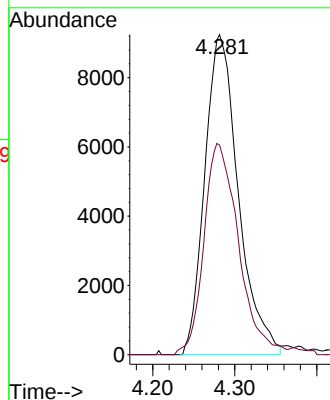
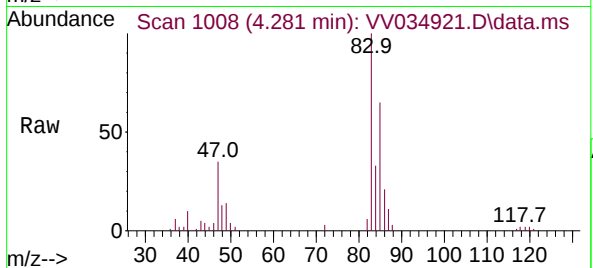
ClientSampleId :

Tgt Ion: 83 Resp: 26306

Ion Ratio Lower Upper

83 100

85 65.5 45.5 84.5



#27

1,2-Dichloroethane

Concen: 0.962 ug/L

RT: 5.053 min Scan# 1248

Delta R.T. 0.006 min

Lab File: VV034921.D

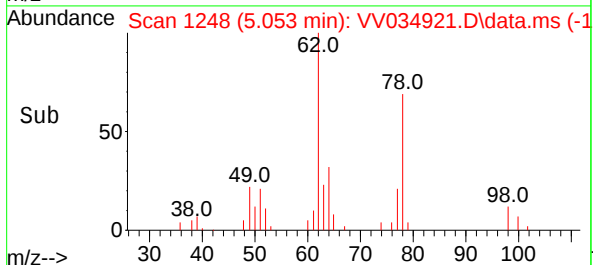
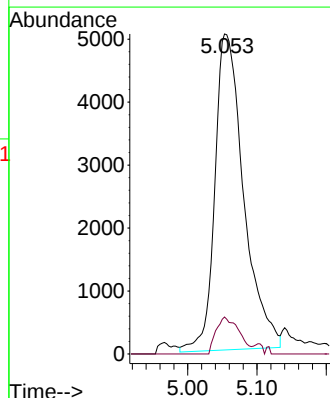
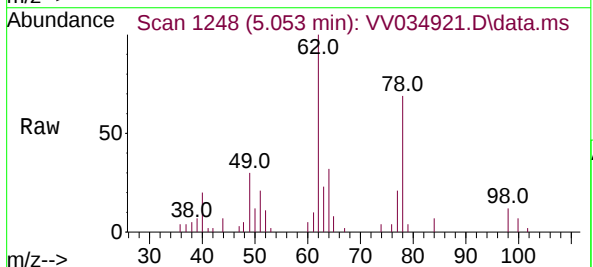
Acq: 02 Apr 2024 09:23

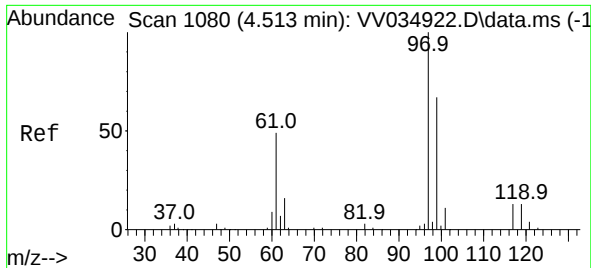
Tgt Ion: 62 Resp: 14509

Ion Ratio Lower Upper

62 100

98 11.6 7.4 11.0#

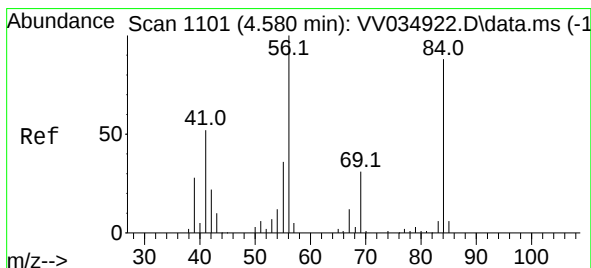
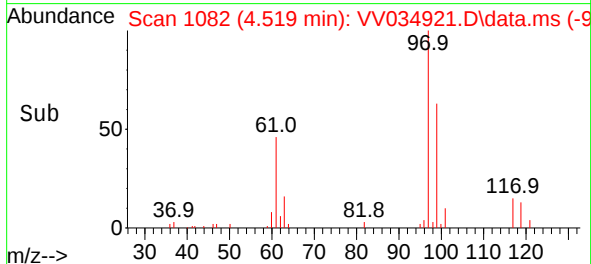
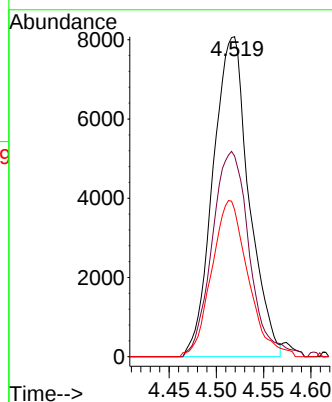
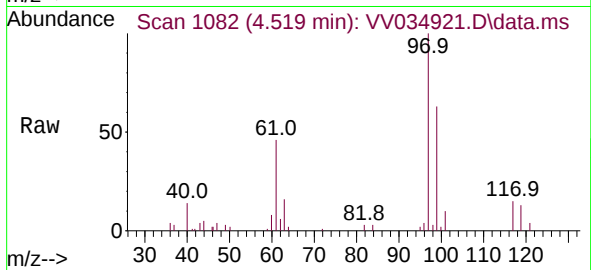




#29
1,1,1-Trichloroethane
Concen: 0.960 ug/L
RT: 4.519 min Scan# 1102
Delta R.T. 0.006 min
Lab File: VV034921.D
Acq: 02 Apr 2024 09:23

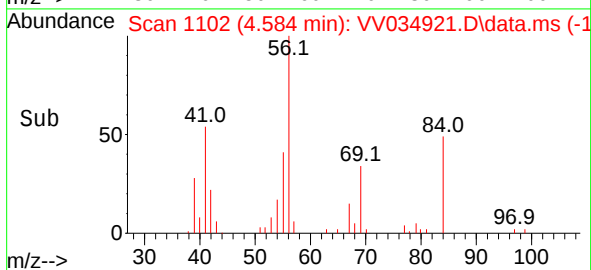
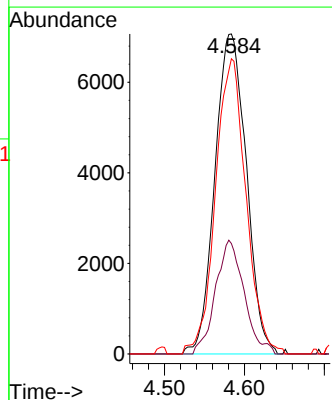
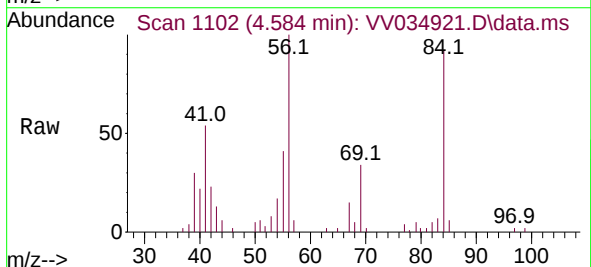
Instrument :
MSVOA_V
ClientSampleId :

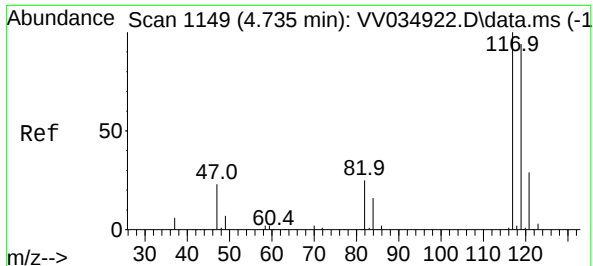
Tgt Ion: 97 Resp: 21370
Ion Ratio Lower Upper
97 100
99 66.5 52.1 78.1
61 49.2 38.7 58.1



#30
Cyclohexane
Concen: 0.942 ug/L
RT: 4.584 min Scan# 1102
Delta R.T. 0.003 min
Lab File: VV034921.D
Acq: 02 Apr 2024 09:23

Tgt Ion: 56 Resp: 19316
Ion Ratio Lower Upper
56 100
69 32.3 25.2 37.8
84 89.5 69.8 104.8

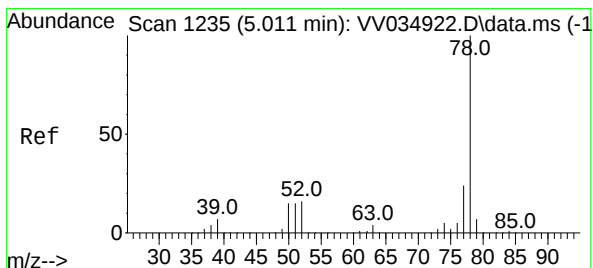
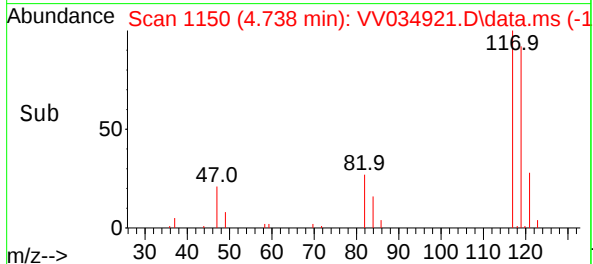
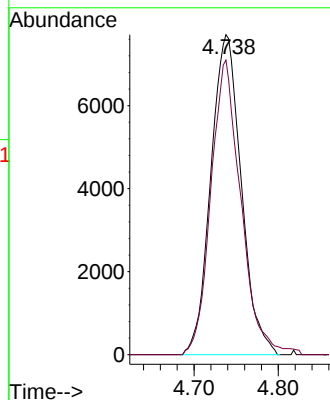
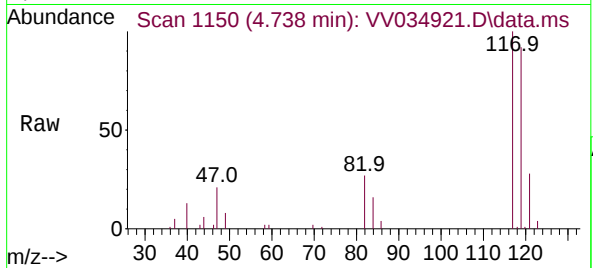




#31
Carbon tetrachloride
Concen: 1.014 ug/L
RT: 4.738 min Scan# 1149
Delta R.T. 0.003 min
Lab File: VV034921.D
Acq: 02 Apr 2024 09:23

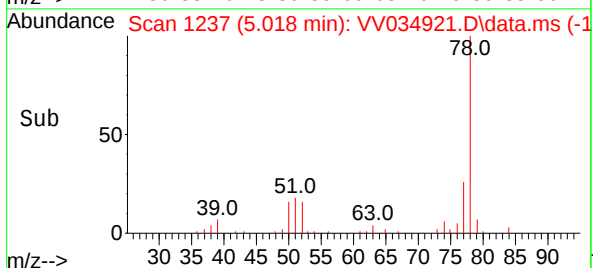
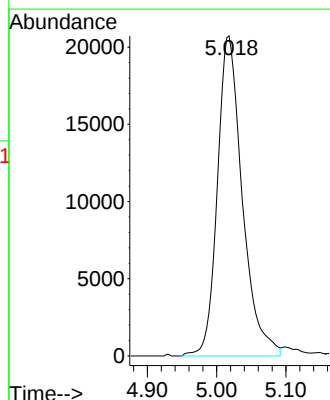
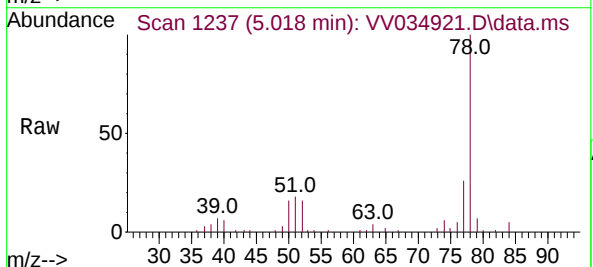
Instrument :
MSVOA_V
ClientSampleId :

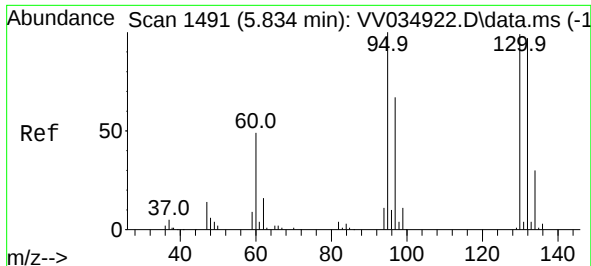
Tgt Ion:117 Resp: 19308
Ion Ratio Lower Upper
117 100
119 90.9 75.8 113.6



#33
Benzene
Concen: 0.934 ug/L
RT: 5.018 min Scan# 1237
Delta R.T. 0.006 min
Lab File: VV034921.D
Acq: 02 Apr 2024 09:23

Tgt Ion: 78 Resp: 51904

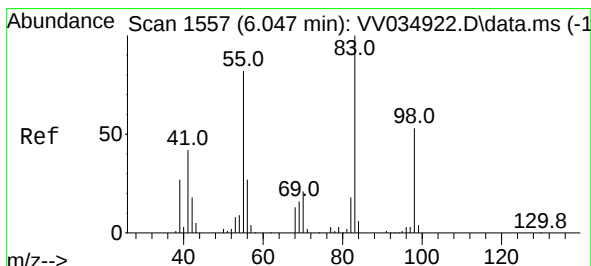
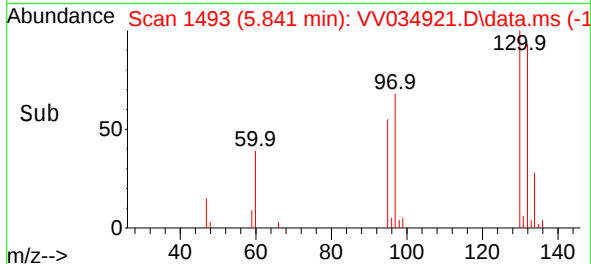
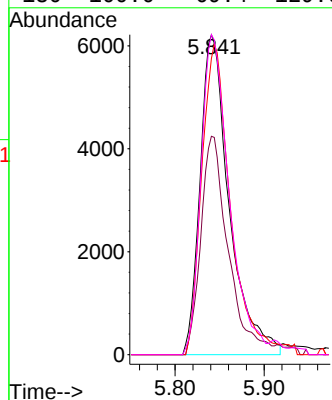
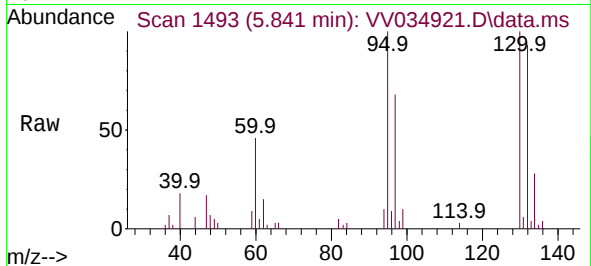




#34
Trichloroethene
Concen: 0.974 ug/L
RT: 5.841 min Scan# 1493
Delta R.T. 0.006 min
Lab File: VV034921.D
Acq: 02 Apr 2024 09:23

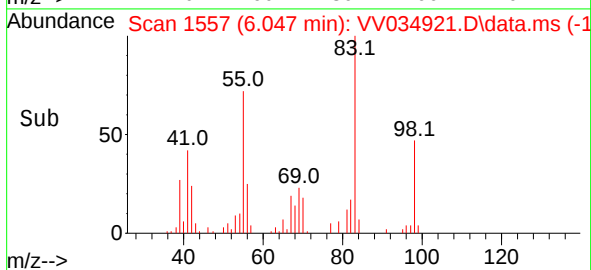
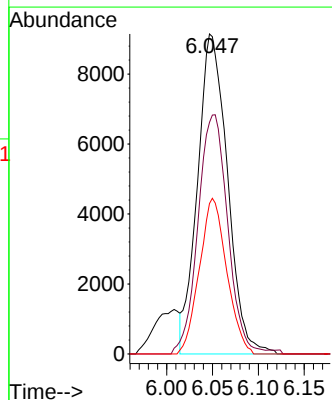
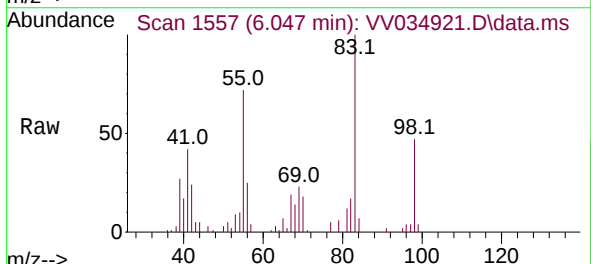
Instrument :
MSVOA_V
ClientSampleId :

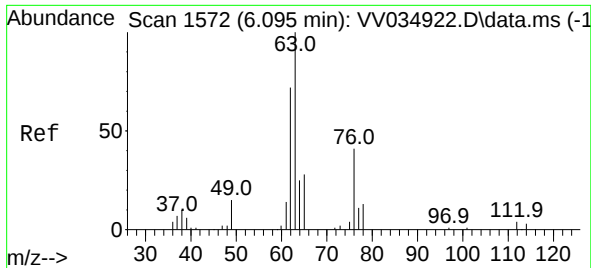
Tgt Ion: 95 Resp: 14104
Ion Ratio Lower Upper
95 100
97 68.3 46.8 86.8
132 92.6 68.0 126.4
130 100.0 69.4 129.0



#35
Methylcyclohexane
Concen: 0.943 ug/L
RT: 6.047 min Scan# 1557
Delta R.T. 0.000 min
Lab File: VV034921.D
Acq: 02 Apr 2024 09:23

Tgt Ion: 83 Resp: 20791
Ion Ratio Lower Upper
83 100
55 74.1 60.6 91.0
98 44.4 37.8 56.6

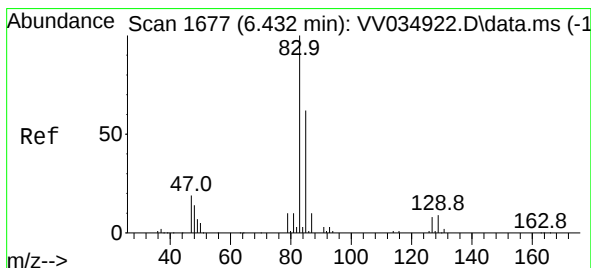
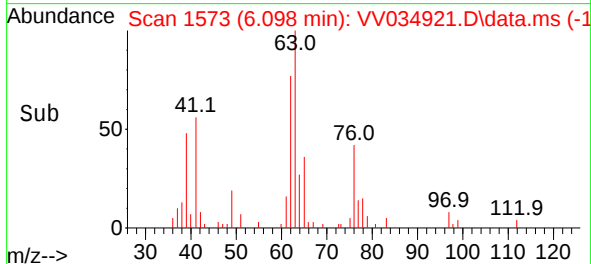
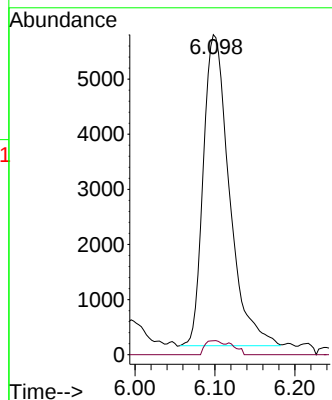
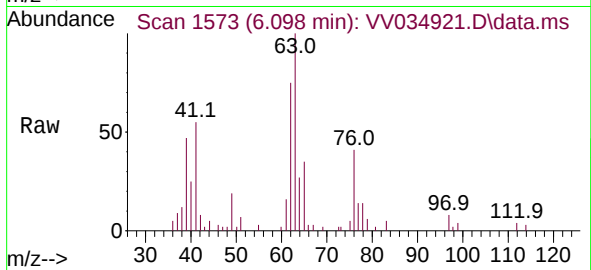




#37
1,2-Dichloropropane
Concen: 0.889 ug/L
RT: 6.098 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV034921.D
Acq: 02 Apr 2024 09:23

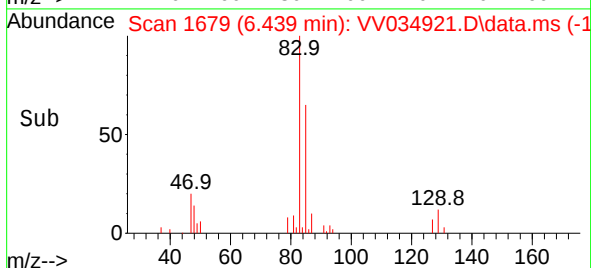
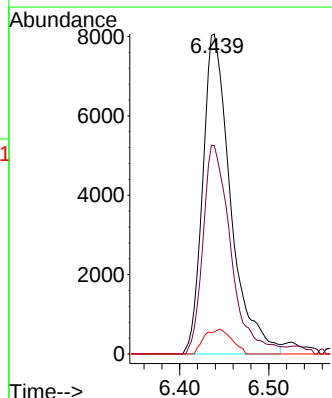
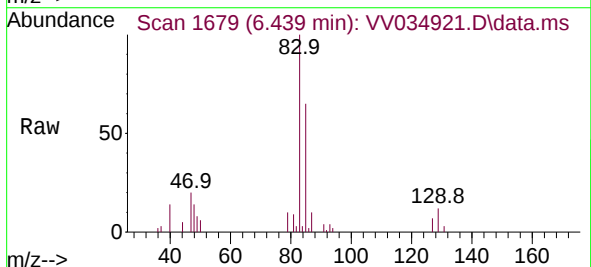
Instrument :
MSVOA_V
ClientSampleId :

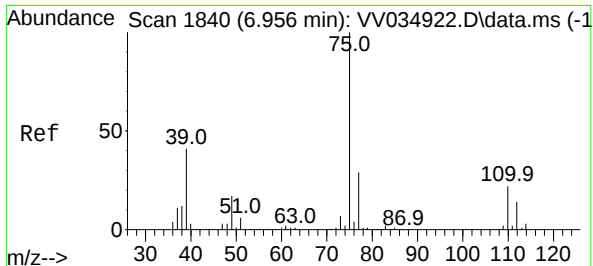
Tgt Ion: 63 Resp: 12815
Ion Ratio Lower Upper
63 100
112 3.0 3.5 5.3#



#38
Bromodichloromethane
Concen: 0.963 ug/L
RT: 6.439 min Scan# 1679
Delta R.T. 0.006 min
Lab File: VV034921.D
Acq: 02 Apr 2024 09:23

Tgt Ion: 83 Resp: 17512
Ion Ratio Lower Upper
83 100
85 65.1 43.6 81.0
127 6.8 6.2 9.2

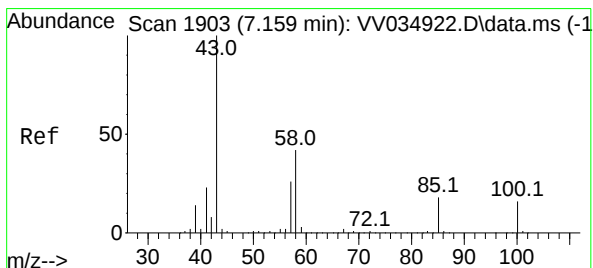
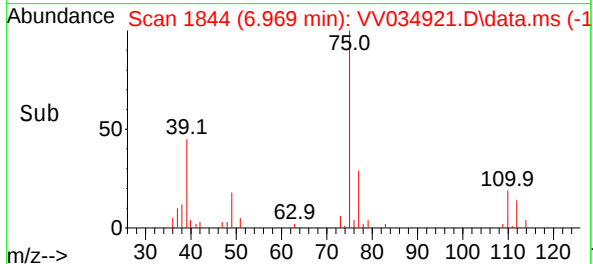
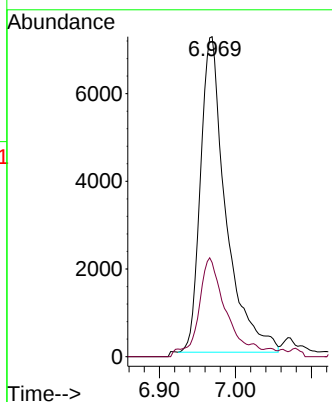
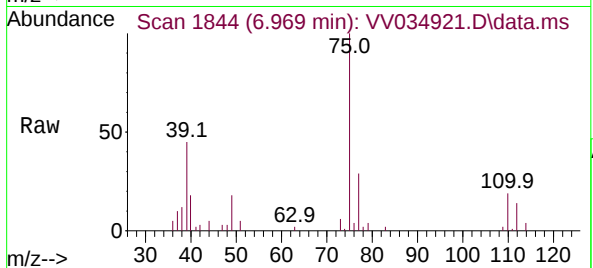




#39
 cis-1,3-Dichloropropene
 Concen: 0.863 ug/L
 RT: 6.969 min Scan# 11
 Delta R.T. 0.013 min
 Lab File: VV034921.D
 Acq: 02 Apr 2024 09:23

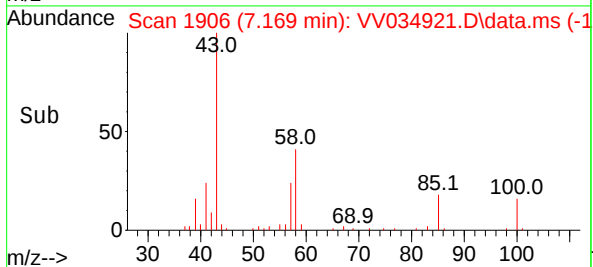
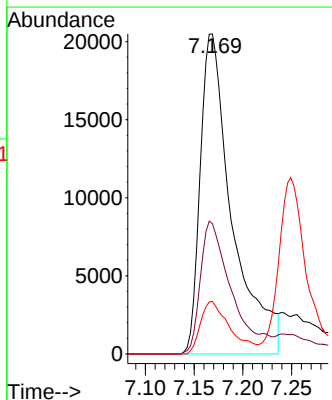
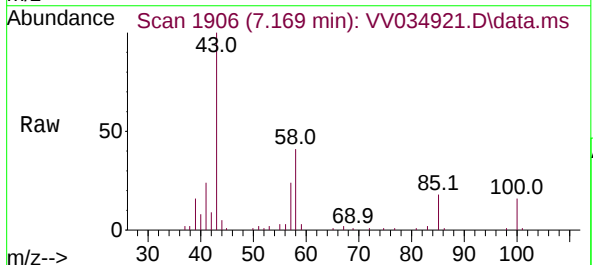
Instrument :
 MSVOA_V
 ClientSampleId :

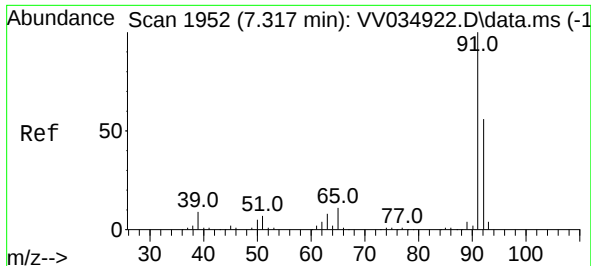
Tgt Ion: 75 Resp: 16718
 Ion Ratio Lower Upper
 75 100
 77 29.4 20.6 38.4



#40
 4-Methyl-2-pentanone
 Concen: 7.548 ug/L
 RT: 7.169 min Scan# 1906
 Delta R.T. 0.010 min
 Lab File: VV034921.D
 Acq: 02 Apr 2024 09:23

Tgt Ion: 43 Resp: 46526
 Ion Ratio Lower Upper
 43 100
 58 41.0 33.8 50.6
 100 15.3 11.9 17.9





#42

Toluene

Concen: 0.944 ug/L

RT: 7.320 min Scan# 1953

Delta R.T. 0.003 min

Lab File: VV034921.D

Acq: 02 Apr 2024 09:23

Instrument :

MSVOA_V

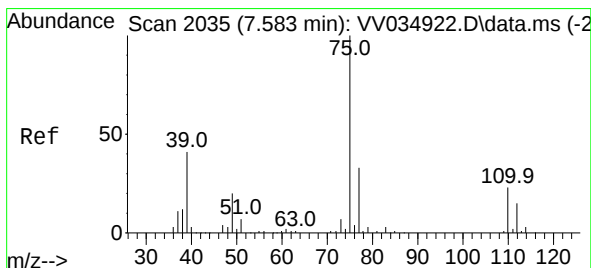
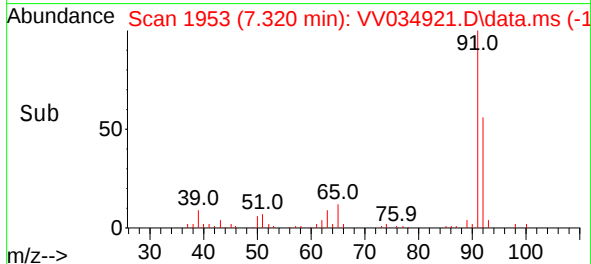
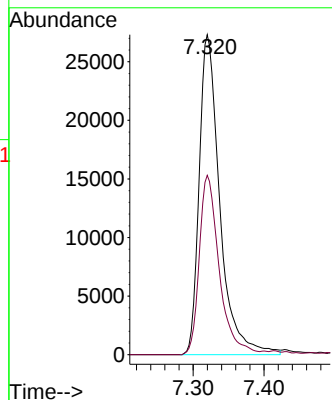
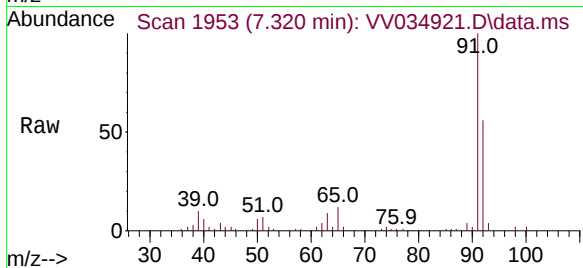
ClientSampleId :

Tgt Ion: 91 Resp: 55160

Ion Ratio Lower Upper

91 100

92 56.1 38.9 72.2



#44

trans-1,3-Dichloropropene

Concen: 0.835 ug/L

RT: 7.593 min Scan# 2038

Delta R.T. 0.010 min

Lab File: VV034921.D

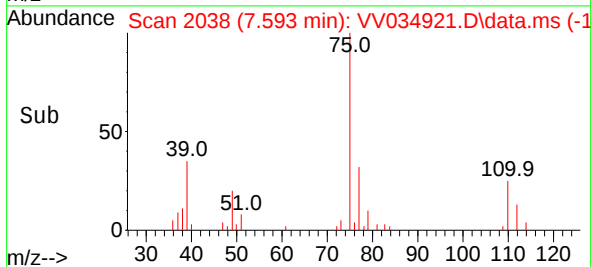
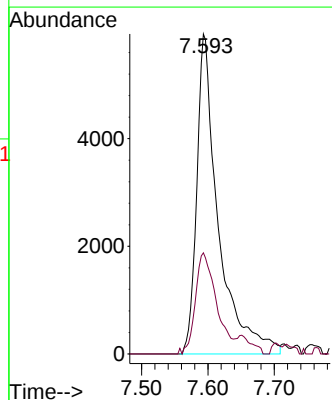
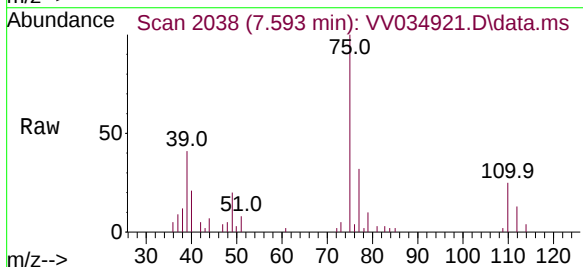
Acq: 02 Apr 2024 09:23

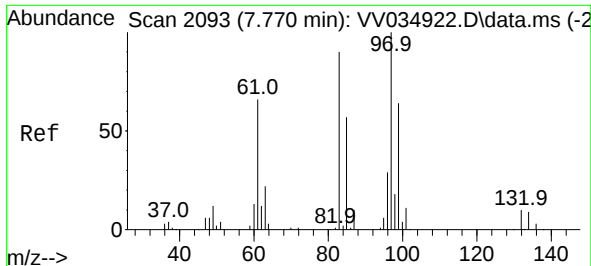
Tgt Ion: 75 Resp: 13398

Ion Ratio Lower Upper

75 100

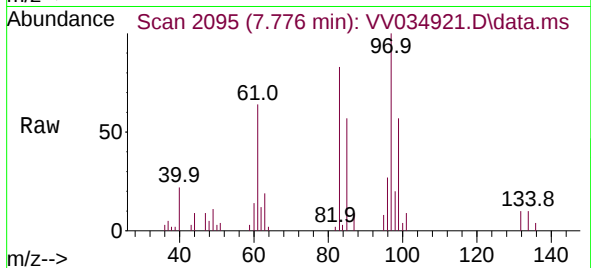
77 31.6 22.7 42.3



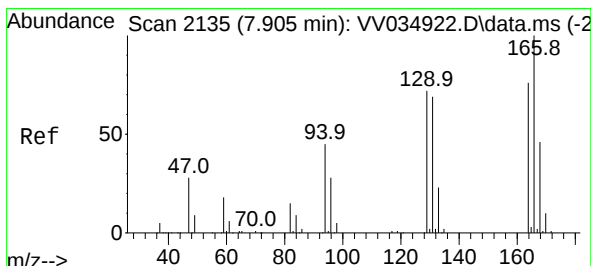
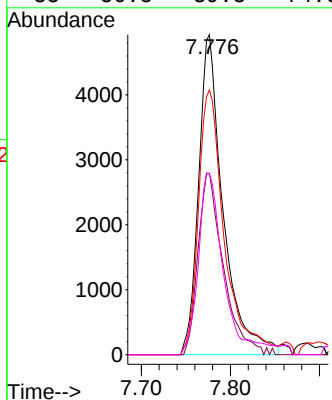
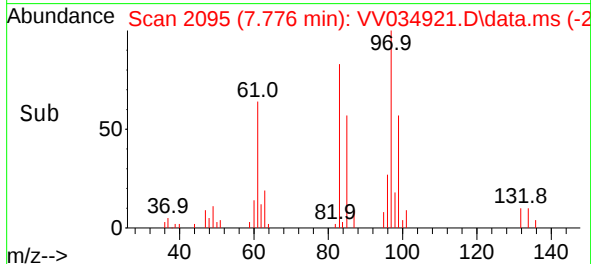


#45
1,1,2-Trichloroethane
Concen: 0.995 ug/L
RT: 7.776 min Scan# 2093
Delta R.T. 0.006 min
Lab File: VV034921.D
Acq: 02 Apr 2024 09:23

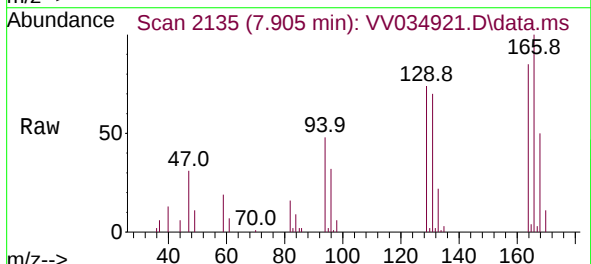
Instrument :
MSVOA_V
ClientSampleId :



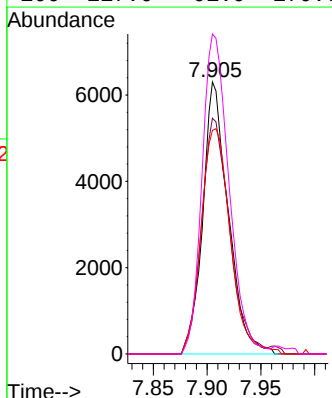
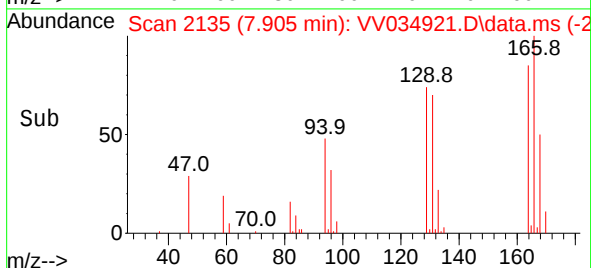
Tgt Ion:	97	Resp:	9422
Ion	Ratio	Lower	Upper
97	100		
99	56.7	44.5	82.7
83	82.8	63.2	117.4
85	56.5	39.8	74.0

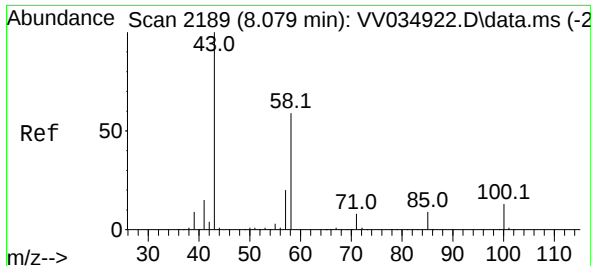


#47
Tetrachloroethene
Concen: 0.956 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. 0.000 min
Lab File: VV034921.D
Acq: 02 Apr 2024 09:23



Tgt Ion:	164	Resp:	10408
Ion	Ratio	Lower	Upper
164	100		
129	86.6	66.0	122.6
131	82.2	63.0	117.0
166	117.6	91.9	170.7





#48

2-Hexanone

Concen: 8.170 ug/L

RT: 8.091 min Scan# 2189

Delta R.T. 0.013 min

Lab File: VV034921.D

Acq: 02 Apr 2024 09:23

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 43 Resp: 39303

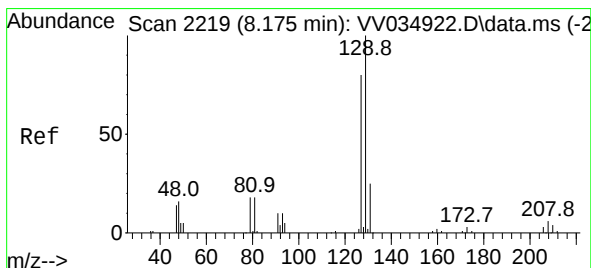
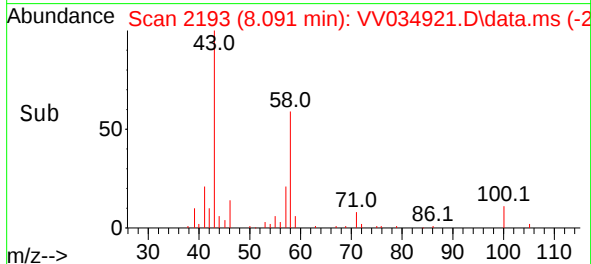
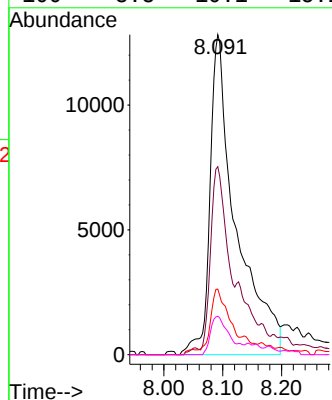
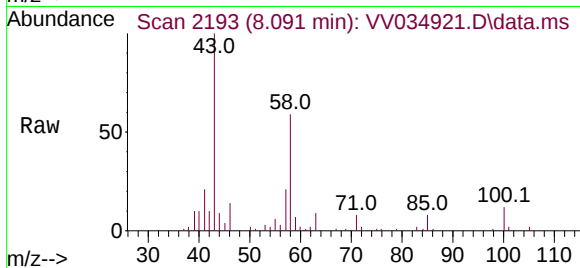
Ion Ratio Lower Upper

43 100

58 36.2 48.2 72.4#

57 12.8 15.6 23.4#

100 8.8 10.1 15.1#



#49

Dibromochloromethane

Concen: 0.946 ug/L

RT: 8.181 min Scan# 2221

Delta R.T. 0.006 min

Lab File: VV034921.D

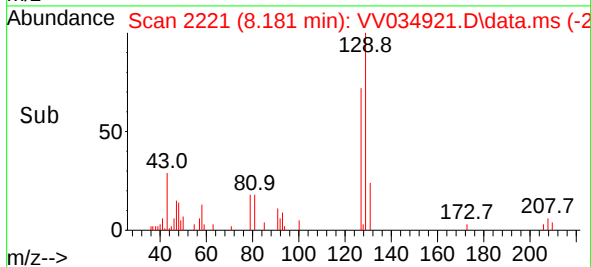
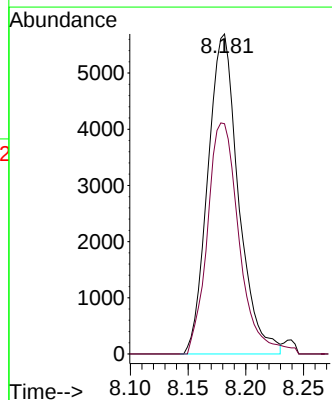
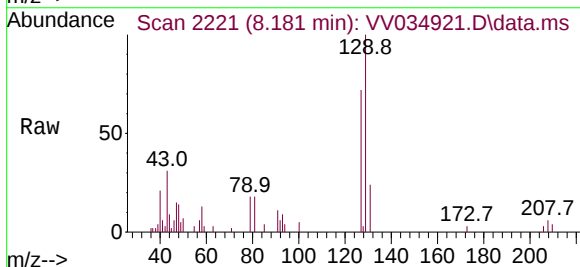
Acq: 02 Apr 2024 09:23

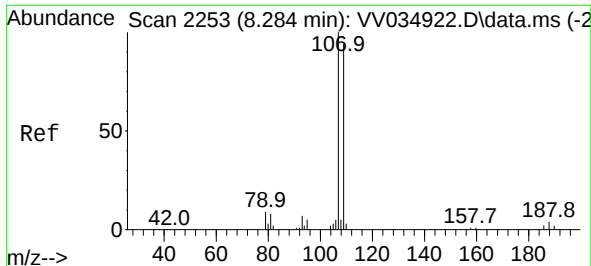
Tgt Ion: 129 Resp: 10550

Ion Ratio Lower Upper

129 100

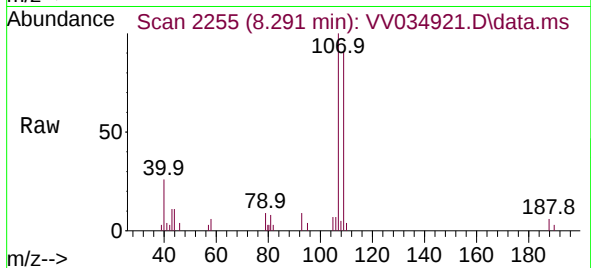
127 71.9 56.4 104.7



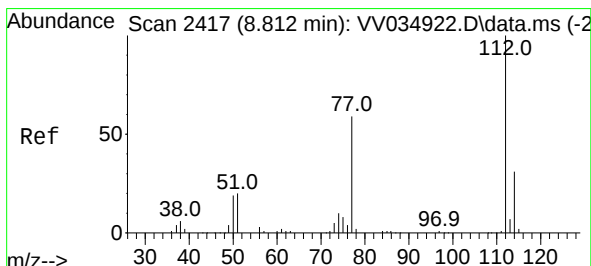
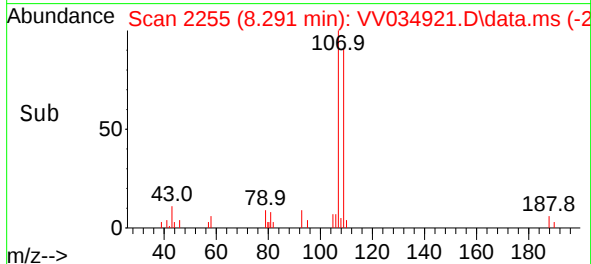
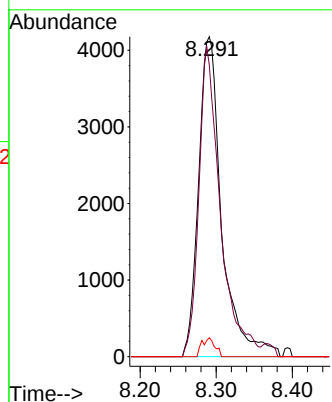


#50
1,2-Dibromoethane
Concen: 0.991 ug/L
RT: 8.291 min Scan# 2419
Delta R.T. 0.006 min
Lab File: VV034921.D
Acq: 02 Apr 2024 09:23

Instrument :
MSVOA_V
ClientSampleId :

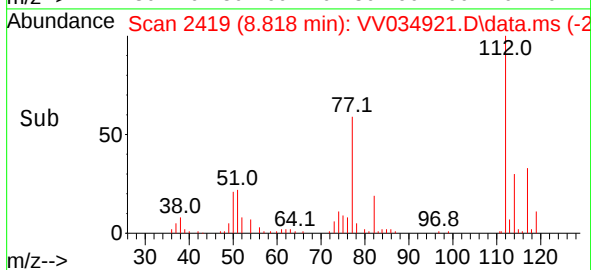
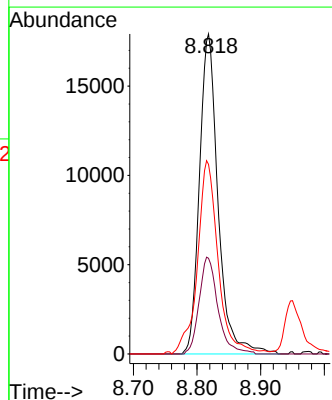
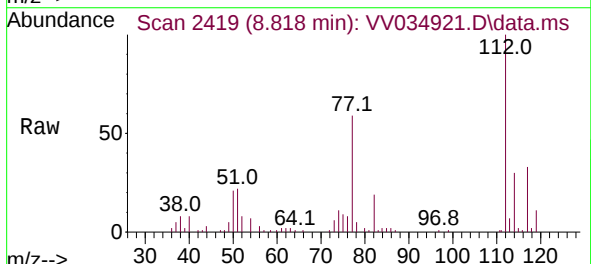


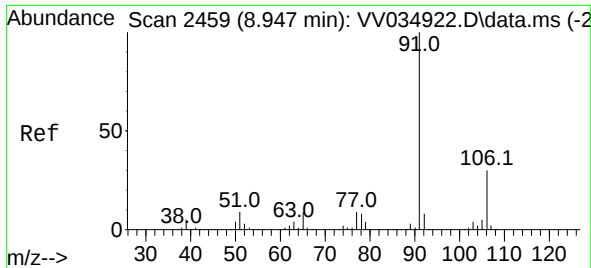
Tgt Ion:107 Resp: 8839
Ion Ratio Lower Upper
107 100
109 91.1 66.1 122.8
188 5.9 3.2 4.8#



#51
Chlorobenzene
Concen: 0.965 ug/L
RT: 8.818 min Scan# 2419
Delta R.T. 0.006 min
Lab File: VV034921.D
Acq: 02 Apr 2024 09:23

Tgt Ion:112 Resp: 36436
Ion Ratio Lower Upper
112 100
114 29.9 21.9 40.7
77 59.3 47.4 71.2

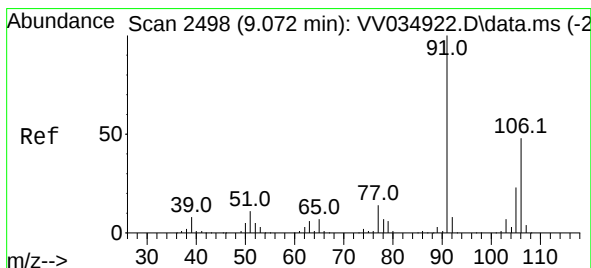
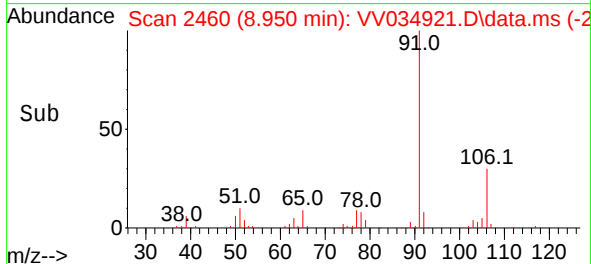
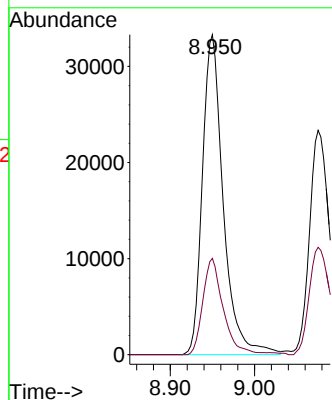
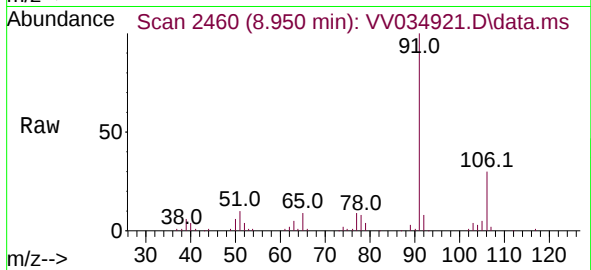




#52
Ethylbenzene
Concen: 0.908 ug/L
RT: 8.950 min Scan# 2459
Delta R.T. 0.003 min
Lab File: VV034921.D
Acq: 02 Apr 2024 09:23

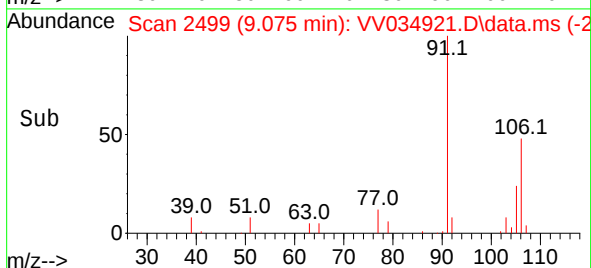
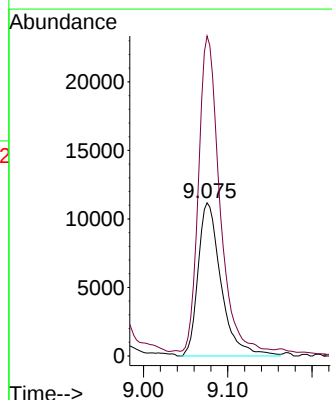
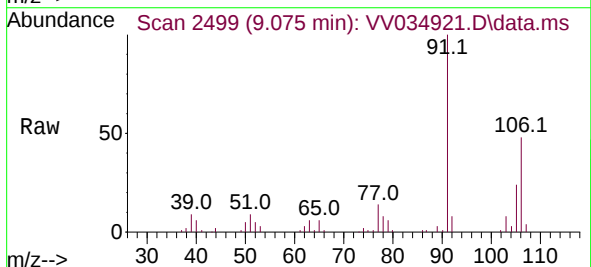
Instrument :
MSVOA_V
ClientSampleId :

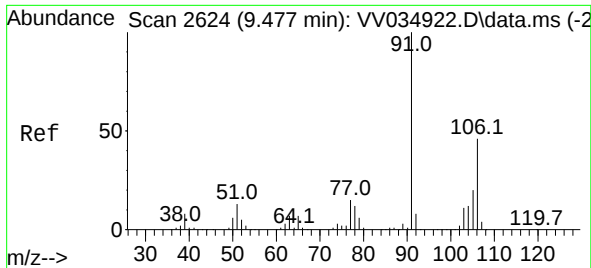
Tgt Ion: 91 Resp: 57315
Ion Ratio Lower Upper
91 100
106 30.1 21.2 39.4



#53
m,p-Xylene
Concen: 0.913 ug/L
RT: 9.075 min Scan# 2499
Delta R.T. 0.003 min
Lab File: VV034921.D
Acq: 02 Apr 2024 09:23

Tgt Ion:106 Resp: 21166
Ion Ratio Lower Upper
106 100
91 209.0 145.7 270.7

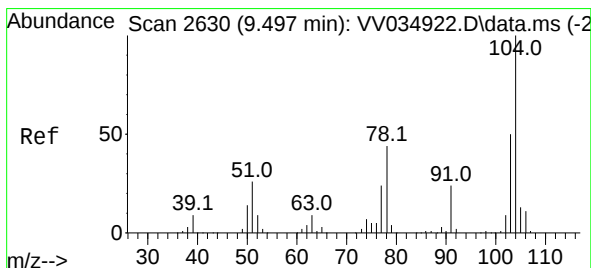
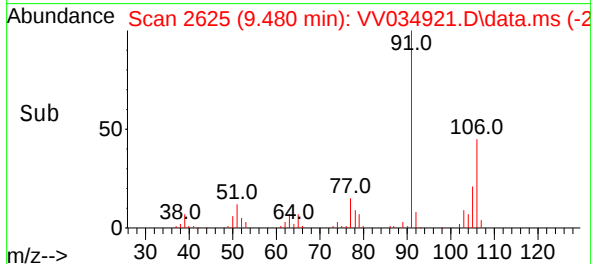
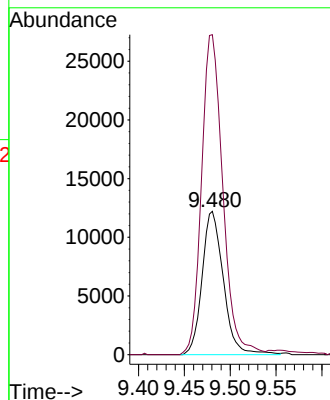
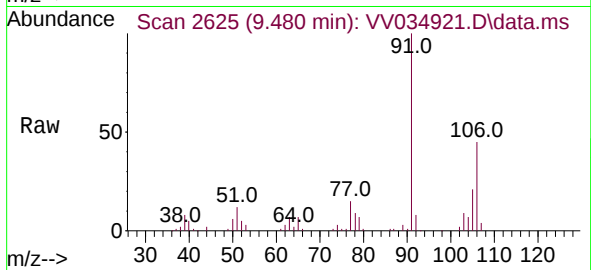




#54
o-Xylene
Concen: 0.868 ug/L
RT: 9.480 min Scan# 2625
Delta R.T. 0.003 min
Lab File: VV034921.D
Acq: 02 Apr 2024 09:23

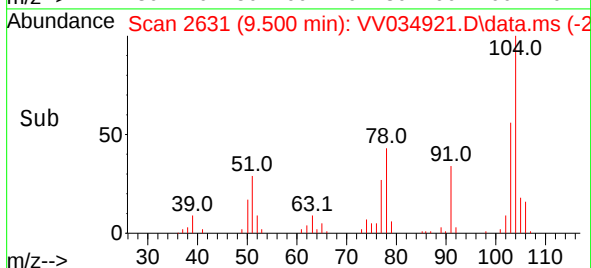
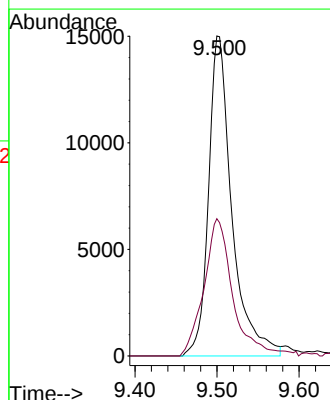
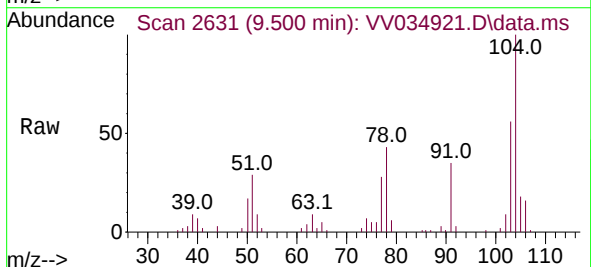
Instrument :
MSVOA_V
ClientSampleId :

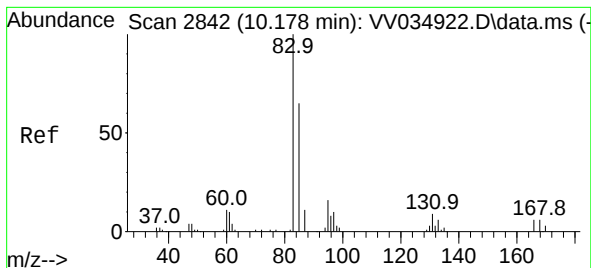
Tgt Ion:106 Resp: 19734
Ion Ratio Lower Upper
106 100
91 223.2 151.2 280.8



#55
Styrene
Concen: 0.814 ug/L
RT: 9.500 min Scan# 2631
Delta R.T. 0.003 min
Lab File: VV034921.D
Acq: 02 Apr 2024 09:23

Tgt Ion:104 Resp: 29762
Ion Ratio Lower Upper
104 100
78 42.9 30.9 57.5

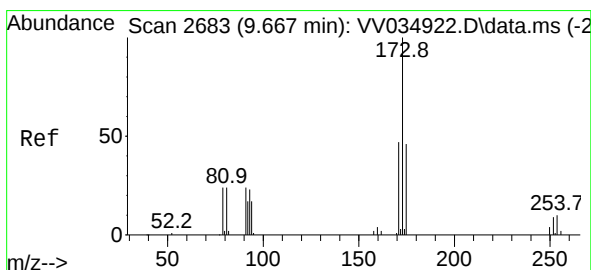
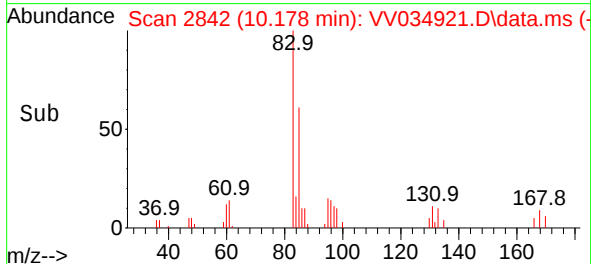
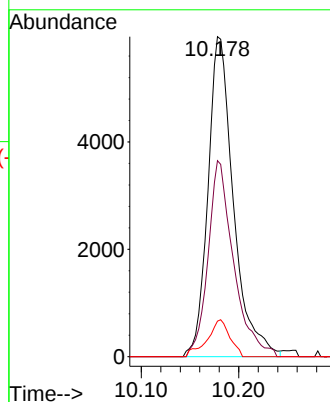
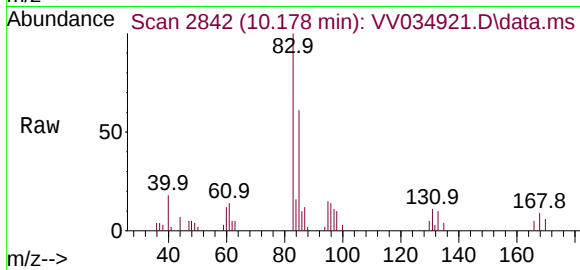




#57
1,1,2,2-Tetrachloroethane
Concen: 0.957 ug/L
RT: 10.178 min Scan# 2842
Delta R.T. 0.000 min
Lab File: VV034921.D
Acq: 02 Apr 2024 09:23

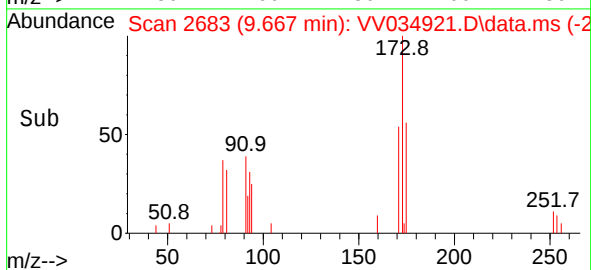
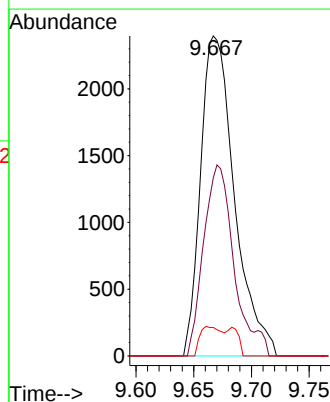
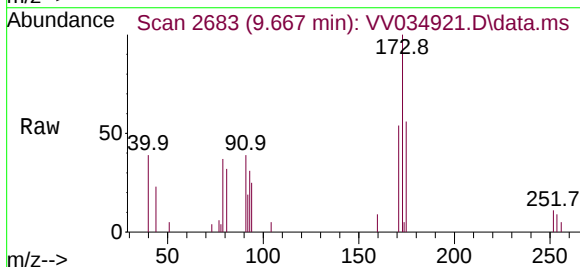
Instrument :
MSVOA_V
ClientSampleId :

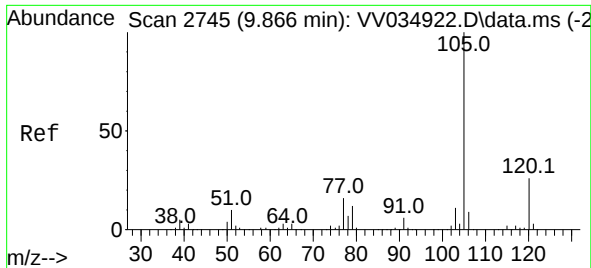
Tgt Ion: 83 Resp: 10836
Ion Ratio Lower Upper
83 100
85 61.3 45.7 84.9
131 11.1 7.6 11.4



#59
Bromoform
Concen: 0.938 ug/L
RT: 9.667 min Scan# 2683
Delta R.T. 0.000 min
Lab File: VV034921.D
Acq: 02 Apr 2024 09:23

Tgt Ion: 173 Resp: 4883
Ion Ratio Lower Upper
173 100
175 53.5 37.8 56.8
254 6.0 7.8 11.6#





#60

Isopropylbenzene

Concen: 0.933 ug/L

RT: 9.866 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV034921.D

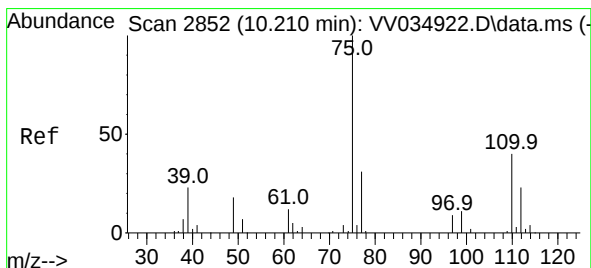
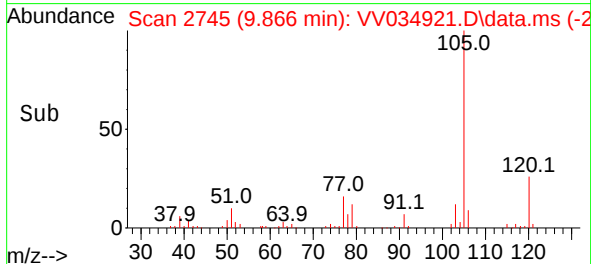
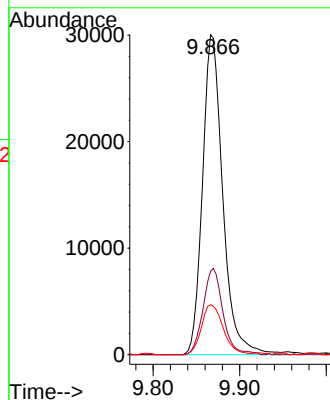
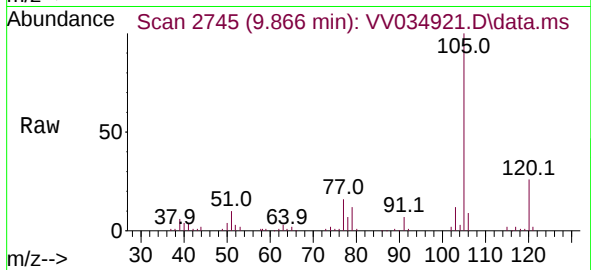
Acq: 02 Apr 2024 09:23

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	105	Resp:	48831
Ion Ratio	Lower	Upper	
105	100		
120	26.4	21.0	31.4
77	16.8	13.4	20.2



#61

1,2,3-Trichloropropane

Concen: 0.966 ug/L

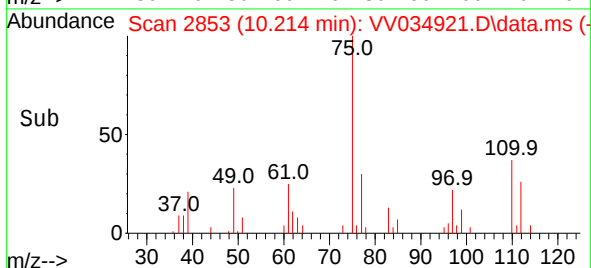
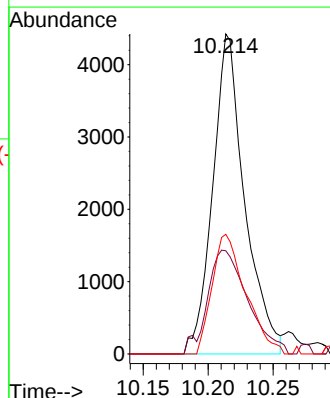
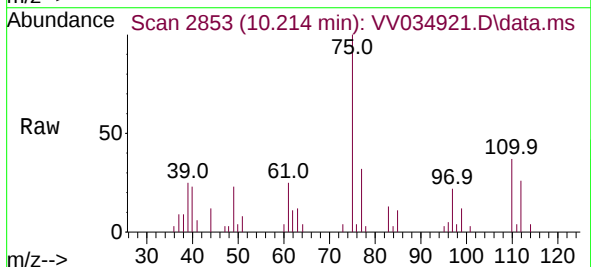
RT: 10.214 min Scan# 2853

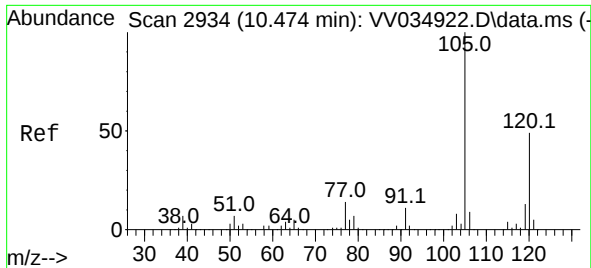
Delta R.T. 0.003 min

Lab File: VV034921.D

Acq: 02 Apr 2024 09:23

Tgt Ion:	75	Resp:	7553
Ion Ratio	Lower	Upper	
75	100		
77	41.0	24.8	37.2#
110	39.4	31.0	46.6





#62

1,3,5-Trimethylbenzene

Concen: 0.893 ug/L

RT: 10.477 min Scan# 2935

Delta R.T. 0.003 min

Lab File: VV034921.D

Acq: 02 Apr 2024 09:23

Instrument :

MSVOA_V

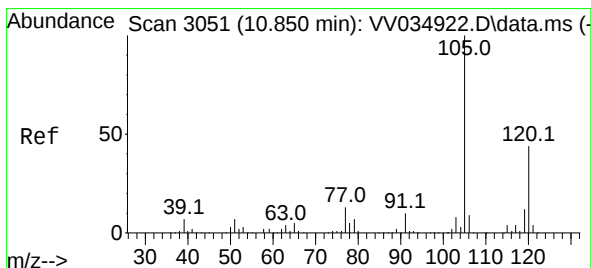
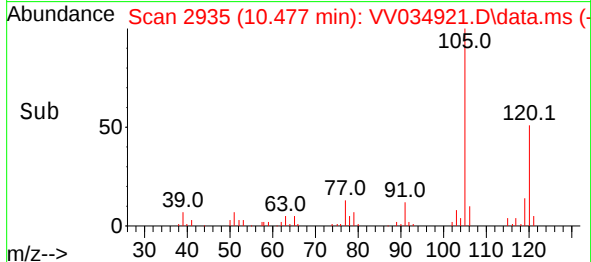
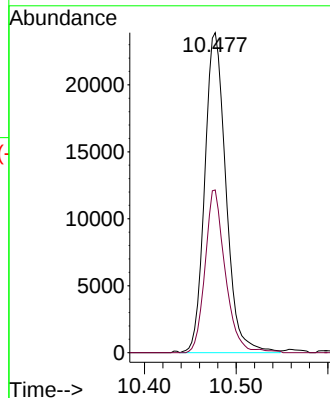
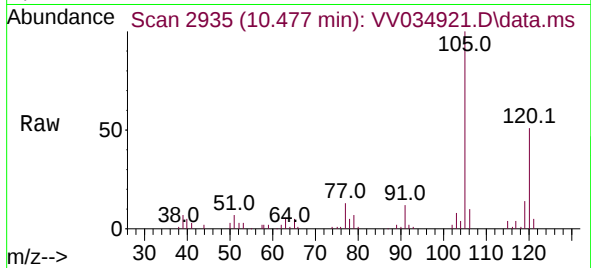
ClientSampleId :

Tgt Ion:105 Resp: 38407

Ion Ratio Lower Upper

105 100

120 48.6 39.2 58.8



#63

1,2,4-Trimethylbenzene

Concen: 0.865 ug/L

RT: 10.853 min Scan# 3052

Delta R.T. 0.003 min

Lab File: VV034921.D

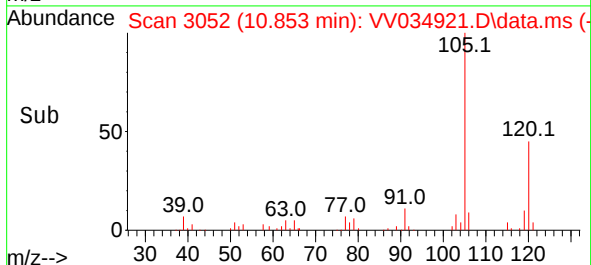
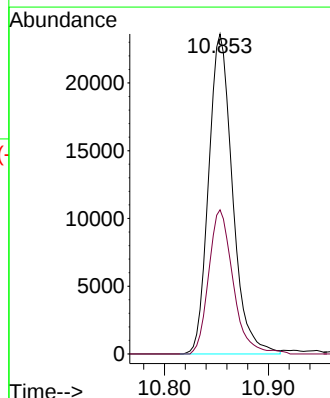
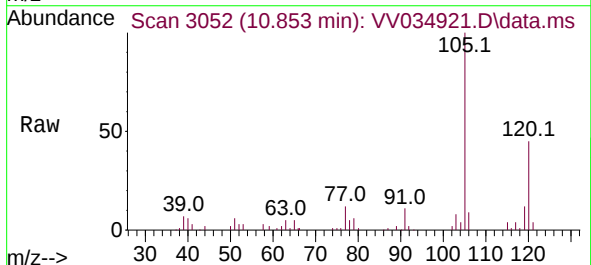
Acq: 02 Apr 2024 09:23

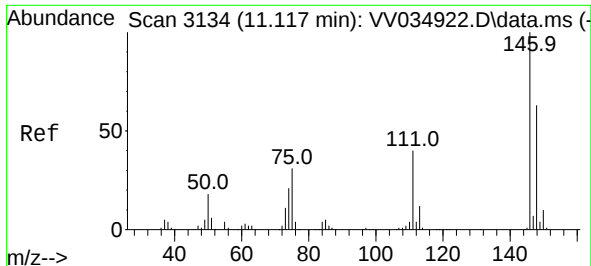
Tgt Ion:105 Resp: 37712

Ion Ratio Lower Upper

105 100

120 46.0 35.8 53.8





#64

1,3-Dichlorobenzene

Concen: 0.976 ug/L

RT: 11.120 min Scan# 3134

Delta R.T. 0.003 min

Lab File: VV034921.D

Acq: 02 Apr 2024 09:23

Instrument :

MSVOA_V

ClientSampleId :

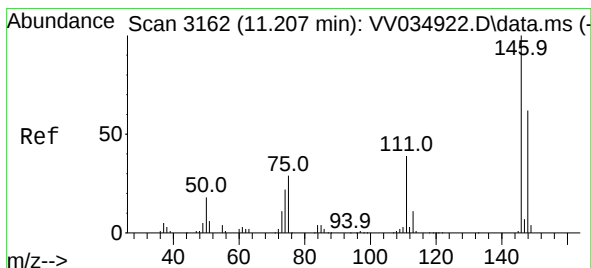
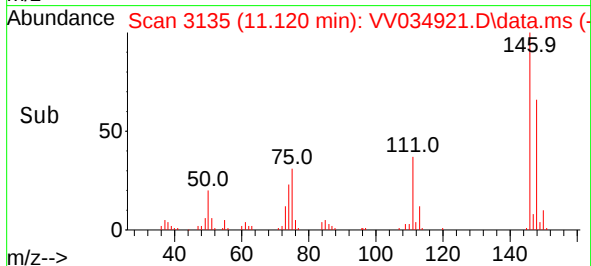
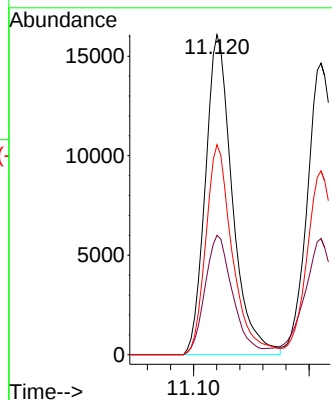
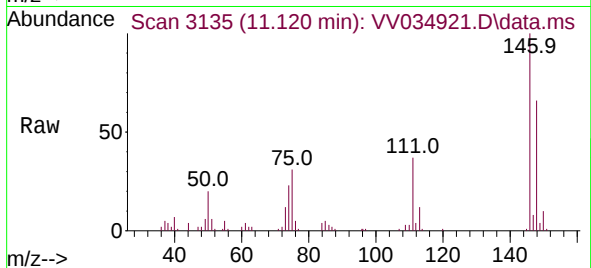
Tgt Ion:146 Resp: 26071

Ion Ratio Lower Upper

146 100

111 37.3 27.7 51.5

148 65.6 44.0 81.8



#65

1,4-Dichlorobenzene

Concen: 0.984 ug/L

RT: 11.210 min Scan# 3163

Delta R.T. 0.003 min

Lab File: VV034921.D

Acq: 02 Apr 2024 09:23

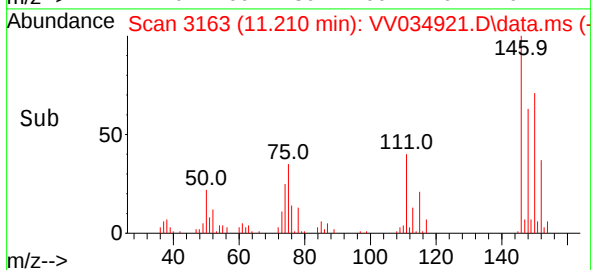
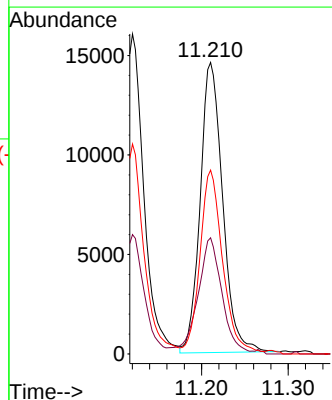
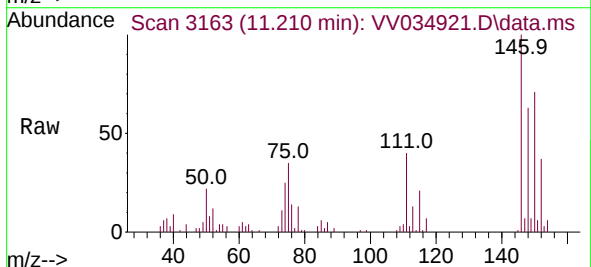
Tgt Ion:146 Resp: 26325

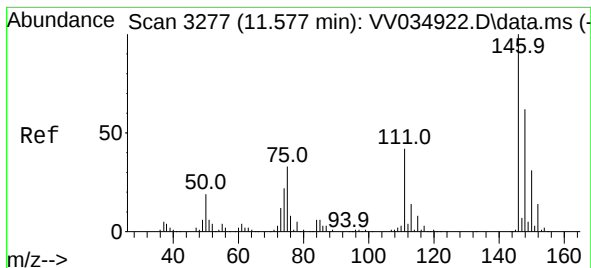
Ion Ratio Lower Upper

146 100

111 39.9 27.3 50.7

148 63.1 43.5 80.7





#67

1,2-Dichlorobenzene

Concen: 0.970 ug/L

RT: 11.580 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV034921.D

Acq: 02 Apr 2024 09:23

Instrument :

MSVOA_V

ClientSampleId :

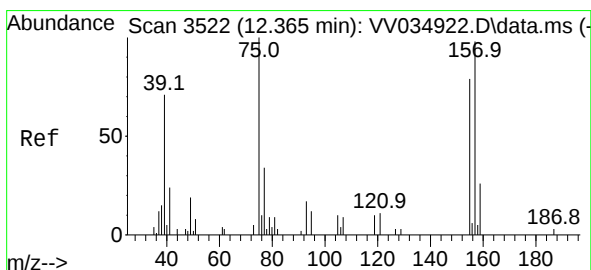
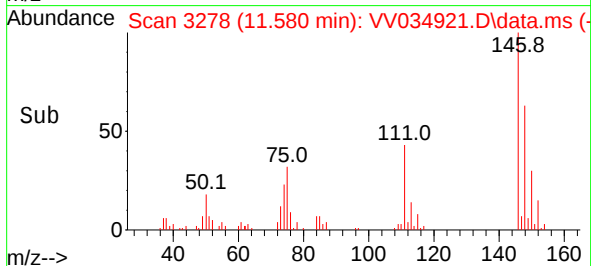
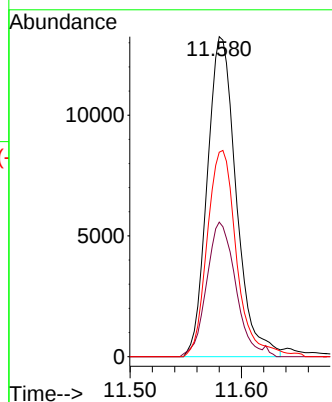
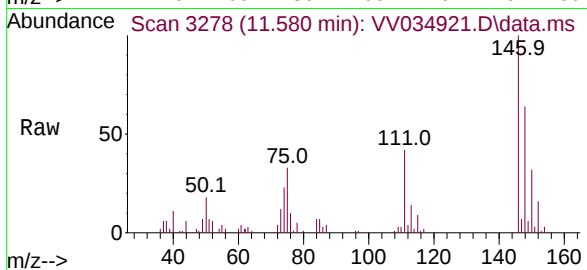
Tgt Ion:146 Resp: 23922

Ion Ratio Lower Upper

146 100

111 42.0 33.9 50.9

148 63.9 49.3 73.9



#68

1,2-Dibromo-3-chloropropane

Concen: 0.996 ug/L

RT: 12.371 min Scan# 3524

Delta R.T. 0.006 min

Lab File: VV034921.D

Acq: 02 Apr 2024 09:23

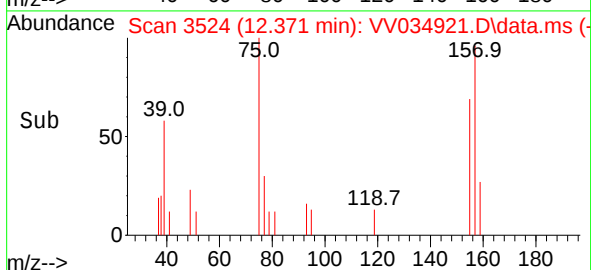
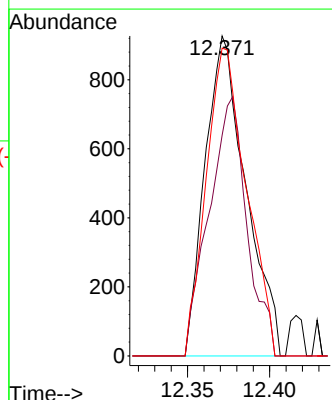
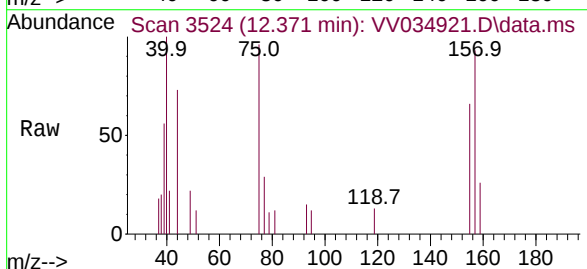
Tgt Ion: 75 Resp: 1600

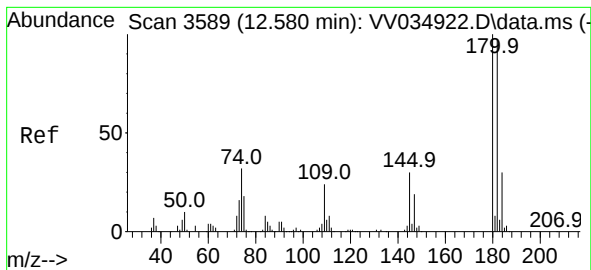
Ion Ratio Lower Upper

75 100

155 68.9 63.4 95.0

157 96.2 78.6 117.8





#69

1,3,5-Trichlorobenzene

Concen: 0.980 ug/L

RT: 12.583 min Scan# 3589

Delta R.T. 0.003 min

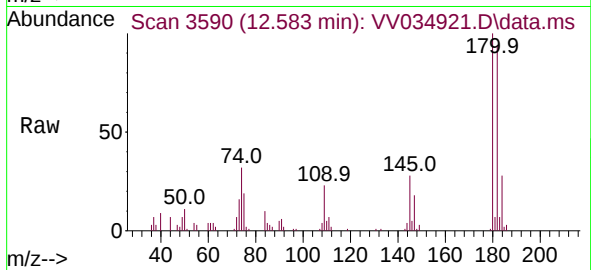
Lab File: VV034921.D

Acq: 02 Apr 2024 09:23

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 19642

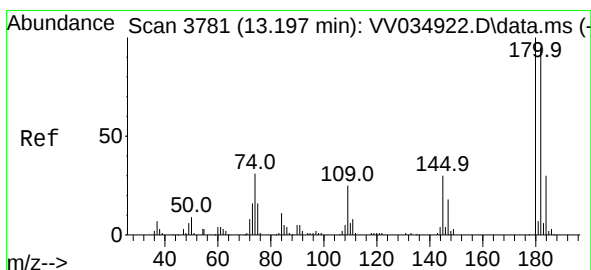
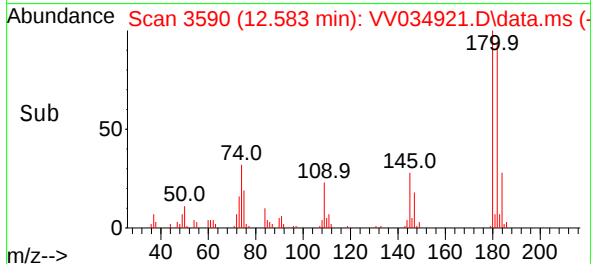
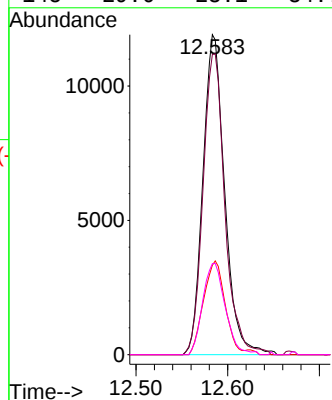
Ion Ratio Lower Upper

180 100

182 94.3 77.3 115.9

184 29.1 24.1 36.1

145 29.6 23.1 34.7



#70

1,2,4-trichlorobenzene

Concen: 0.919 ug/L

RT: 13.201 min Scan# 3782

Delta R.T. 0.003 min

Lab File: VV034921.D

Acq: 02 Apr 2024 09:23

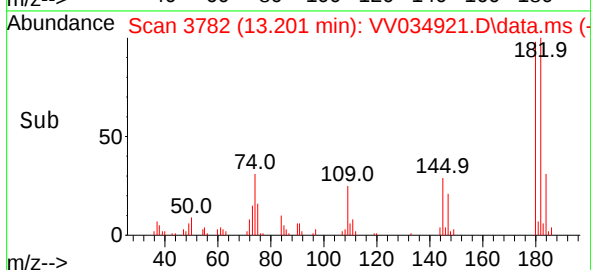
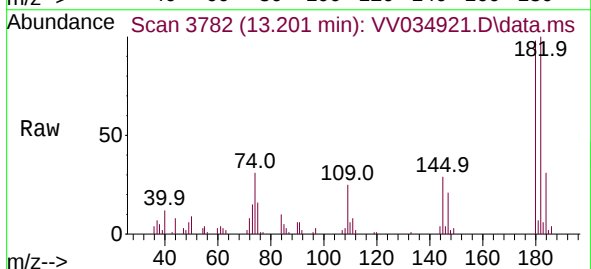
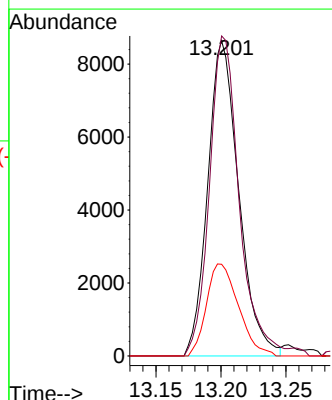
Tgt Ion:180 Resp: 14320

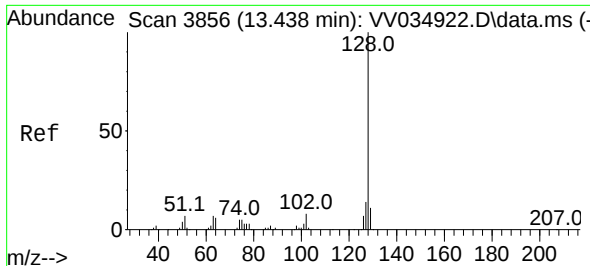
Ion Ratio Lower Upper

180 100

182 97.5 75.3 112.9

145 30.1 23.4 35.0

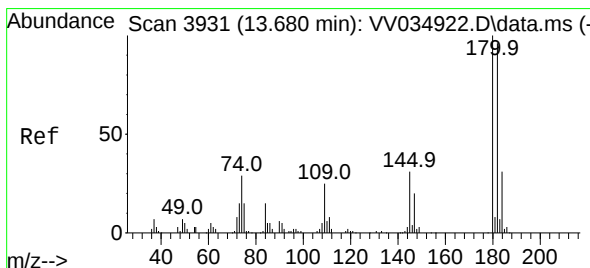
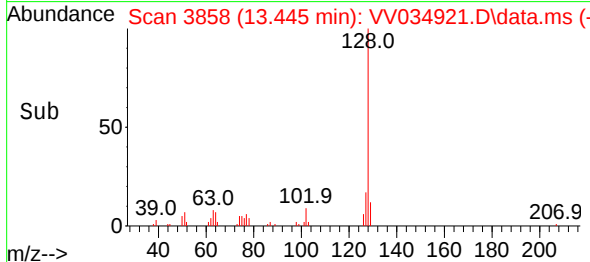
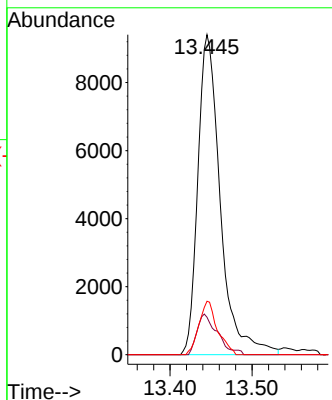
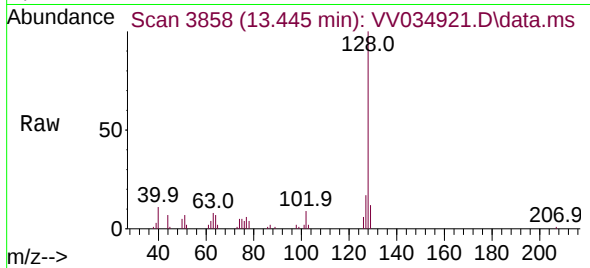




#71
Naphthalene
Concen: 0.817 ug/L
RT: 13.445 min Scan# 3856
Delta R.T. 0.006 min
Lab File: VV034921.D
Acq: 02 Apr 2024 09:23

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 17888
Ion Ratio Lower Upper
128 100
129 11.5 8.6 12.8
127 13.7 10.7 16.1



#72
1,2,3-Trichlorobenzene
Concen: 0.898 ug/L
RT: 13.683 min Scan# 3932
Delta R.T. 0.003 min
Lab File: VV034921.D
Acq: 02 Apr 2024 09:23

Tgt Ion:180 Resp: 12305
Ion Ratio Lower Upper
180 100
182 97.9 77.0 115.4
145 30.8 25.4 38.2

