

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111021\
 Data File : VW023394.D
 Acq On : 11 Nov 2021 17:46
 Operator : SY/MD
 Sample : M4580-03MS
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 12 02:06:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 12 02:02:21 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	123860	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	122448	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	64352	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	30361	3.913	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.200%
7) Chloroethane-d5	1.568	69	25620	4.051	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.000%
11) 1,1-Dichloroethene-d2	2.108	63	64178	4.418	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.400%
20) 2-Butanone-d5	3.915	46	48966	36.629	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	73.260%
24) Chloroform-d	4.349	84	68485	4.141	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.800%
26) 1,2-Dichloroethane-d4	5.037	65	32684	4.395	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.000%
32) Benzene-d6	5.053	84	133816	4.259	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.200%
36) 1,2-Dichloropropane-d6	6.069	67	39713	4.294	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.800%
41) Toluene-d8	7.317	98	129410	4.396	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.000%
43) trans-1,3-Dichloroprop...	7.625	79	15498	4.419	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.400%
46) 2-Hexanone-d5	8.092	63	58198	45.105	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.220%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	28082	4.222	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.400%
66) 1,2-Dichlorobenzene-d4	11.625	152	48054	4.485	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	56902	4.711	ug/L	100
3) Chloromethane	1.240	50	51860	5.050	ug/L	98
5) Vinyl chloride	1.311	62	51423	5.014	ug/L	98
6) Bromomethane	1.520	94	29773	4.542	ug/L	97
8) Chloroethane	1.584	64	29246	4.942	ug/L	96
9) Trichlorofluoromethane	1.751	101	77804	5.049	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	37577	4.844	ug/L	94
12) 1,1-Dichloroethene	2.118	96	37356	5.058	ug/L	86
13) Acetone	2.195	43	29527	36.149	ug/L	92
14) Carbon disulfide	2.294	76	135405	4.858	ug/L	99
15) Methyl Acetate	2.442	43	11406	4.934	ug/L	97
16) Methylene chloride	2.507	84	43949	4.077	ug/L	97
17) Methyl tert-butyl Ether	2.770	73	84443	5.194	ug/L	95
18) trans-1,2-Dichloroethene	2.761	96	46249	5.094	ug/L	99
19) 1,1-Dichloroethane	3.188	63	78490	5.120	ug/L	97
21) 2-Butanone	3.995	43	53960	40.860	ug/L	97
22) cis-1,2-Dichloroethene	3.915	96	46119	5.278	ug/L #	92
23) Bromochloromethane	4.249	128	20916	5.191	ug/L	83
25) Chloroform	4.375	83	85367	5.224	ug/L	97

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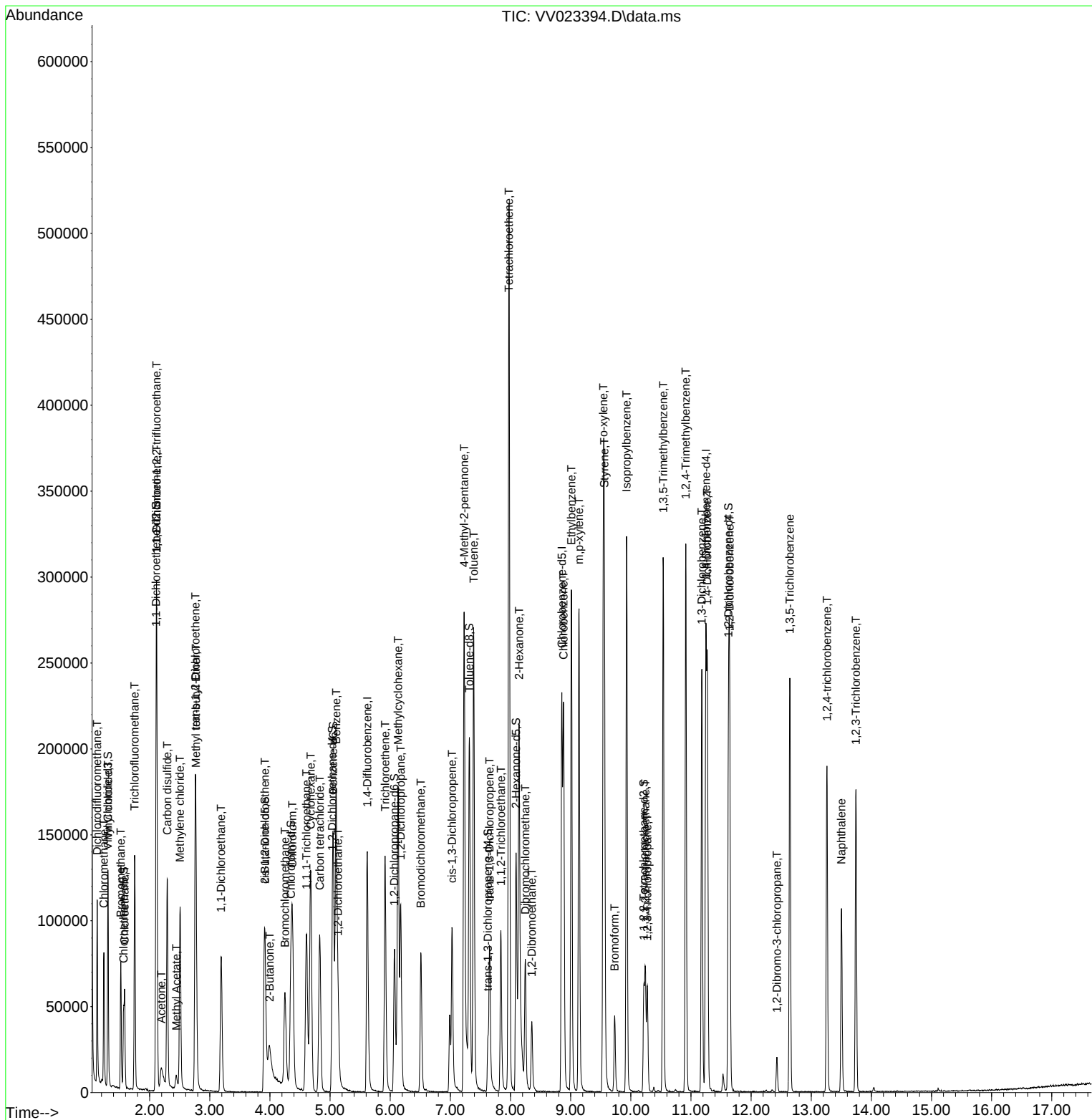
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 ClientSampleId :

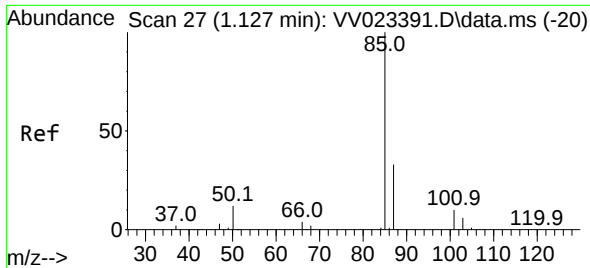
Quant Time: Nov 12 02:06:59 2021
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.134	62	44457	5.115	ug/L	100
29) 1,1,1-Trichloroethane	4.609	97	76184	5.123	ug/L	100
30) Cyclohexane	4.680	56	66829	5.015	ug/L	98
31) Carbon tetrachloride	4.828	117	69084	5.172	ug/L	97
33) Benzene	5.101	78	176408	5.154	ug/L	100
34) Trichloroethene	5.915	95	47174	5.183	ug/L	98
35) Methylcyclohexane	6.133	83	70812	4.929	ug/L	97
37) 1,2-Dichloropropane	6.175	63	40519	5.071	ug/L	98
38) Bromodichloromethane	6.510	83	55379	5.172	ug/L	95
39) cis-1,3-Dichloropropene	7.027	75	58694	5.107	ug/L	100
40) 4-Methyl-2-pentanone	7.230	43	217802	58.776	ug/L	98
42) Toluene	7.387	91	197039	5.383	ug/L	98
44) trans-1,3-Dichloropropene	7.651	75	48863	5.124	ug/L	100
45) 1,1,2-Trichloroethane	7.841	97	29205	5.087	ug/L	96
47) Tetrachloroethene	7.976	164	115678	14.666	ug/L	98
48) 2-Hexanone	8.143	43	157866	60.798	ug/L	99
49) Dibromochloromethane	8.246	129	38978	5.359	ug/L	95
50) 1,2-Dibromoethane	8.355	107	28334	5.326	ug/L #	98
51) Chlorobenzene	8.883	112	123206	5.064	ug/L	99
52) Ethylbenzene	9.011	91	201607	5.222	ug/L	97
53) m,p-xylene	9.140	106	79587	5.253	ug/L	99
54) o-xylene	9.545	106	76145	5.357	ug/L	100
55) Styrene	9.561	104	131129	5.385	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.243	83	33941	5.396	ug/L	98
59) Bromoform	9.731	173	20950	5.450	ug/L	99
60) Isopropylbenzene	9.931	105	201330	5.452	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	24429	5.715	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	162939	5.321	ug/L	98
63) 1,2,4-Trimethylbenzene	10.915	105	169513	5.562	ug/L	99
64) 1,3-Dichlorobenzene	11.182	146	100341	5.318	ug/L	98
65) 1,4-Dichlorobenzene	11.272	146	98436	5.108	ug/L	98
67) 1,2-Dichlorobenzene	11.645	146	91804	5.437	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	5011	5.502	ug/L	86
69) 1,3,5-Trichlorobenzene	12.645	180	74139	5.018	ug/L	97
70) 1,2,4-trichlorobenzene	13.262	180	58404	4.937	ug/L	97
71) Naphthalene	13.503	128	84866	4.865	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	52515	5.073	ug/L	99

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

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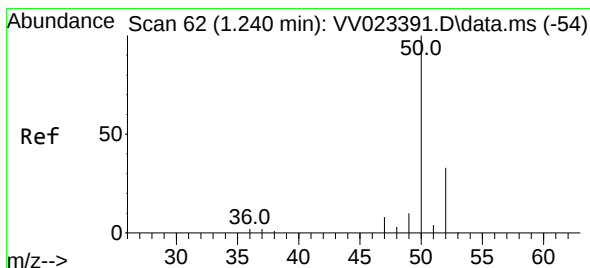
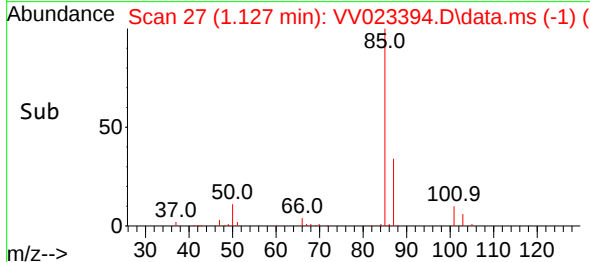
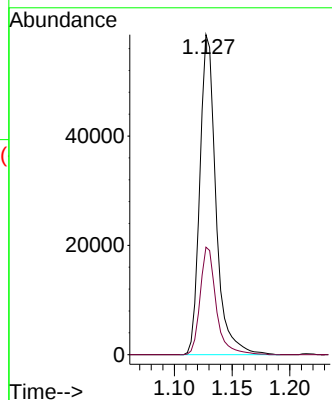
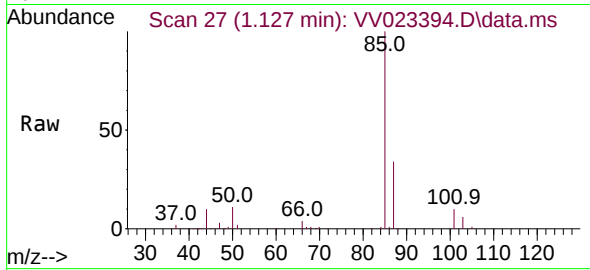




#2
 Dichlorodifluoromethane
 Concen: 4.711 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV023394.D
 Acq: 11 Nov 2021 17:46

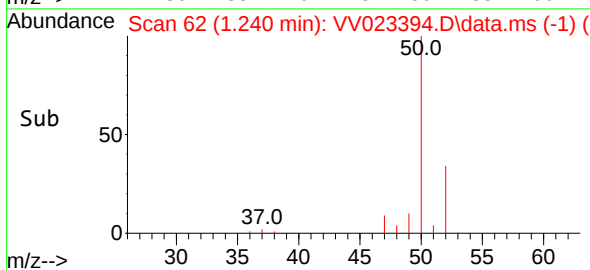
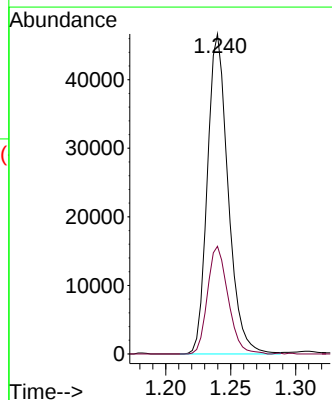
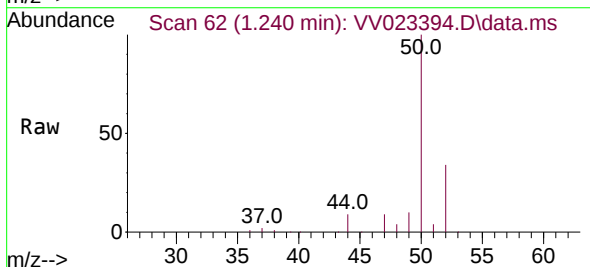
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 ClientSampleId :

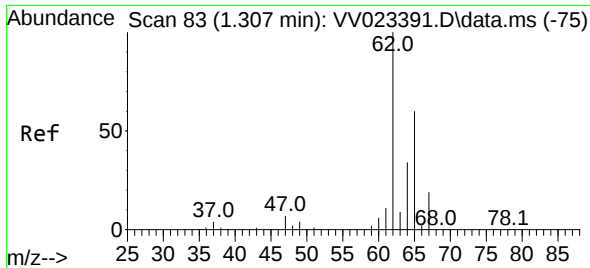
Tgt Ion: 85 Resp: 56902
 Ion Ratio Lower Upper
 85 100
 87 33.4 26.6 39.8



#3
 Chloromethane
 Concen: 5.050 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.000 min
 Lab File: VV023394.D
 Acq: 11 Nov 2021 17:46

Tgt Ion: 50 Resp: 51860
 Ion Ratio Lower Upper
 50 100
 52 33.7 24.3 45.1

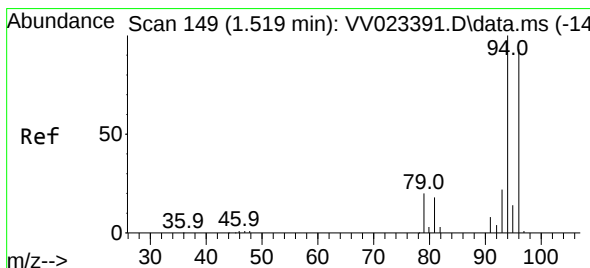
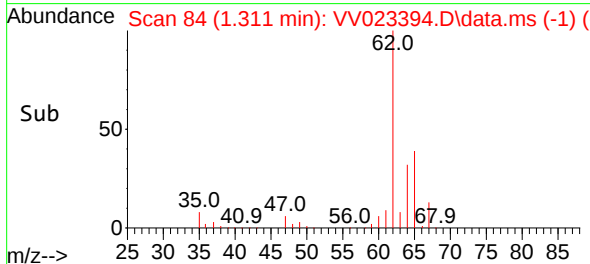
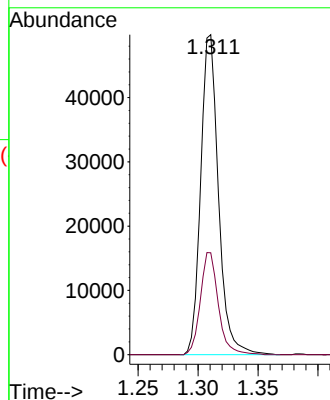
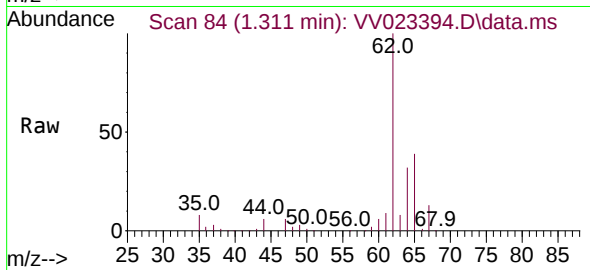




#5
 Vinyl chloride
 Concen: 5.014 ug/L
 RT: 1.311 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: VV023394.D
 Acq: 11 Nov 2021 17:46

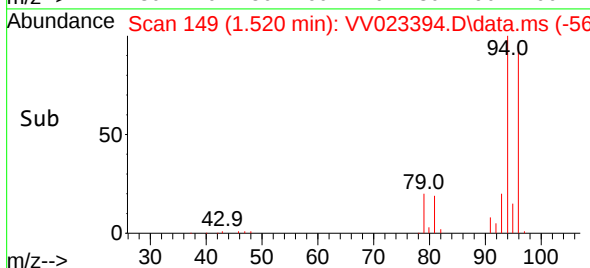
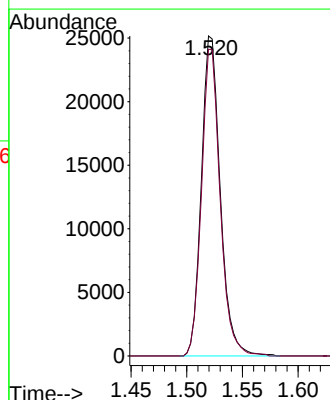
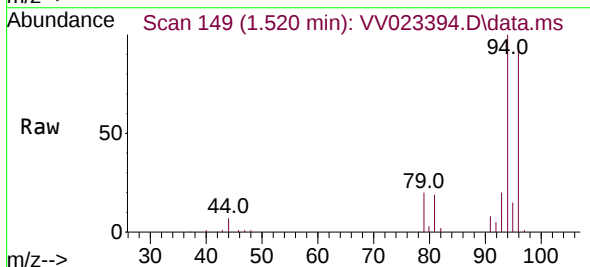
Instrument :
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 ClientSampleId :

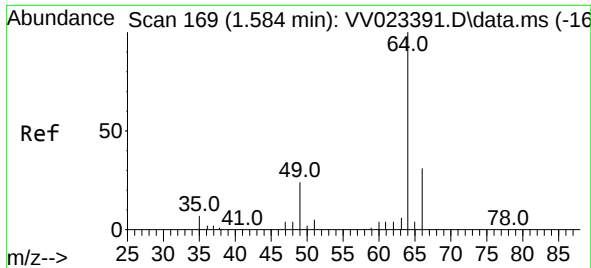
Tgt Ion: 62 Resp: 51423
 Ion Ratio Lower Upper
 62 100
 64 31.9 23.1 42.9



#6
 Bromomethane
 Concen: 4.542 ug/L
 RT: 1.520 min Scan# 149
 Delta R.T. 0.000 min
 Lab File: VV023394.D
 Acq: 11 Nov 2021 17:46

Tgt Ion: 94 Resp: 29773
 Ion Ratio Lower Upper
 94 100
 96 95.9 65.0 120.8

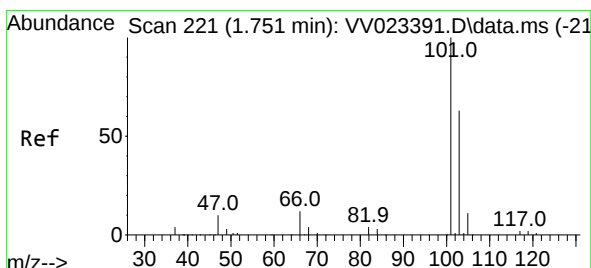
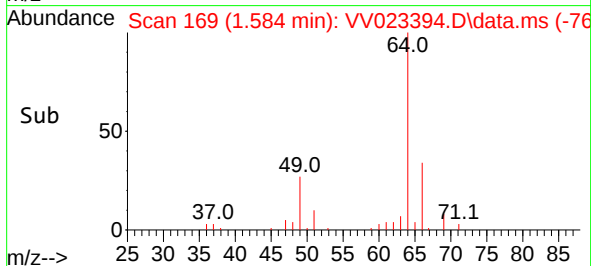
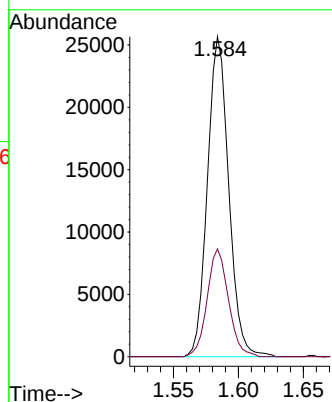
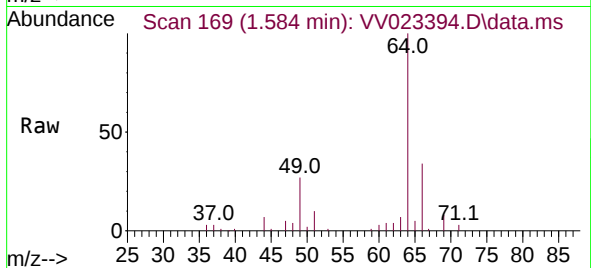




#8
Chloroethane
Concen: 4.942 ug/L
RT: 1.584 min Scan# 169
Delta R.T. 0.000 min
Lab File: VV023394.D
Acq: 11 Nov 2021 17:46

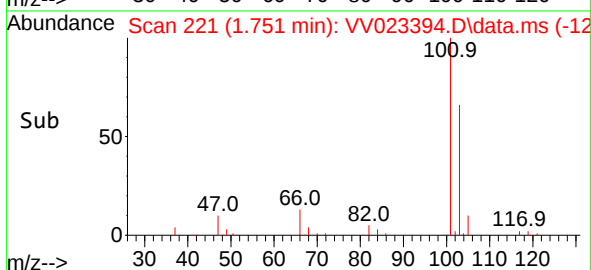
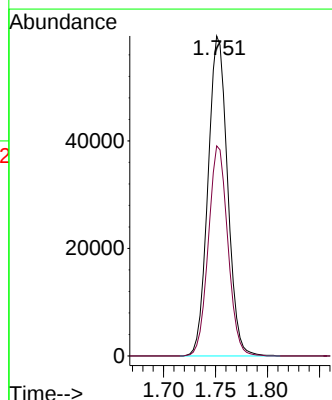
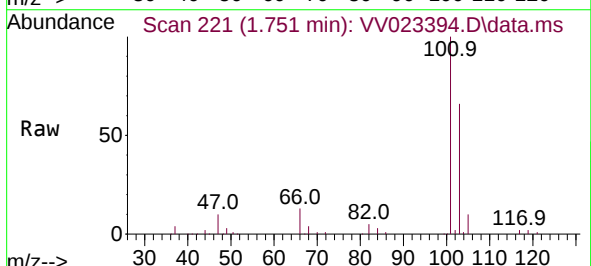
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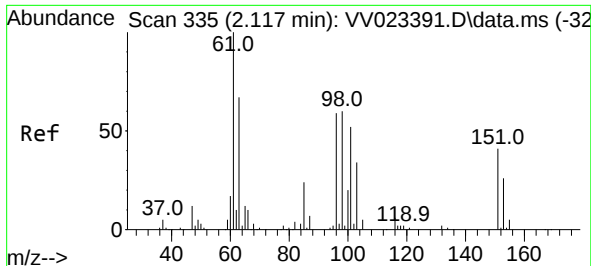
Tgt Ion: 64 Resp: 29246
Ion Ratio Lower Upper
64 100
66 33.7 22.1 41.1



#9
Trichlorofluoromethane
Concen: 5.049 ug/L
RT: 1.751 min Scan# 221
Delta R.T. 0.000 min
Lab File: VV023394.D
Acq: 11 Nov 2021 17:46

Tgt Ion:101 Resp: 77804
Ion Ratio Lower Upper
101 100
103 65.2 52.6 79.0

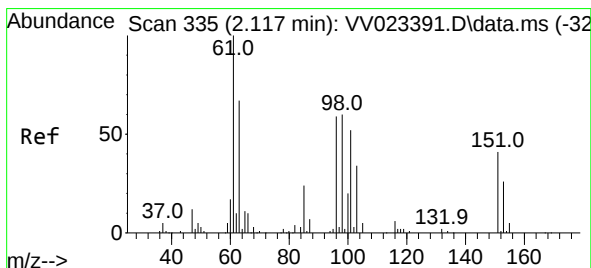
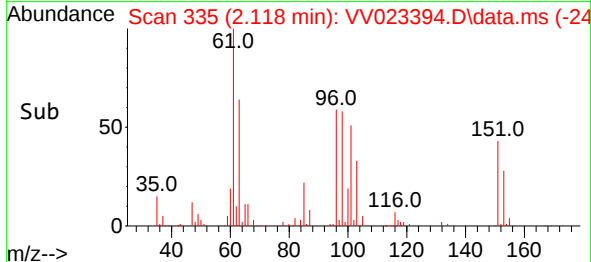
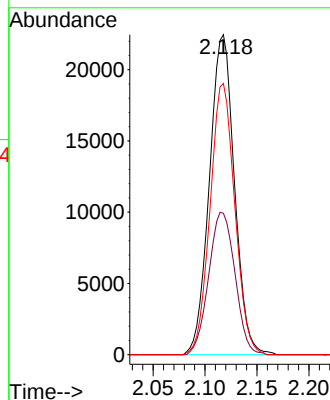
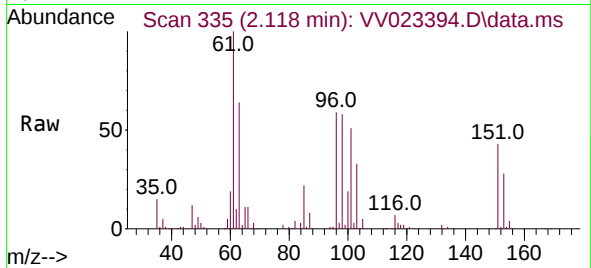




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.844 ug/L
 RT: 2.118 min Scan# 335
 Delta R.T. 0.000 min
 Lab File: VV023394.D
 Acq: 11 Nov 2021 17:46

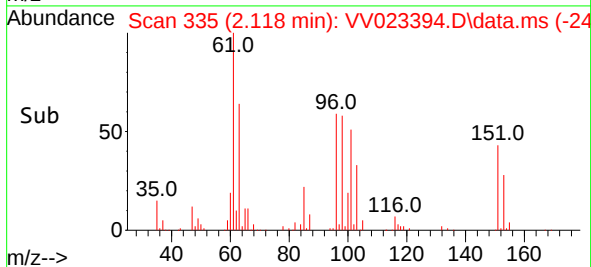
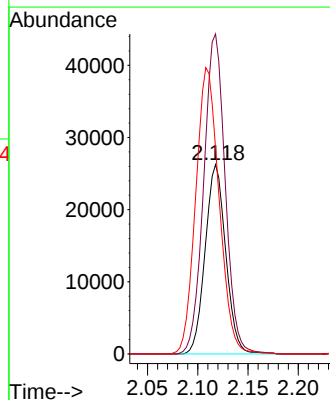
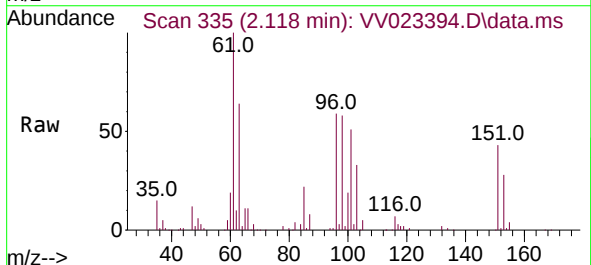
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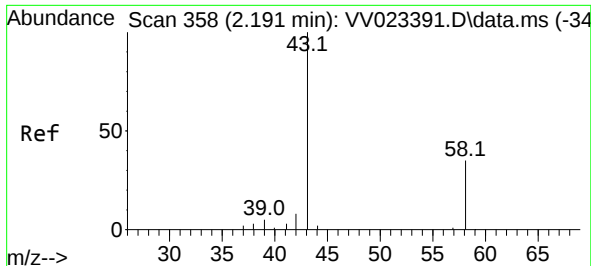
Tgt Ion:101 Resp: 37577
 Ion Ratio Lower Upper
 101 100
 85 46.7 35.3 52.9
 151 83.6 62.2 93.2



#12
 1,1-Dichloroethene
 Concen: 5.058 ug/L
 RT: 2.118 min Scan# 335
 Delta R.T. 0.000 min
 Lab File: VV023394.D
 Acq: 11 Nov 2021 17:46

Tgt Ion: 96 Resp: 37356
 Ion Ratio Lower Upper
 96 100
 61 169.0 121.5 225.7
 63 108.8 99.6 185.0





#13

Acetone

Concen: 36.149 ug/L

RT: 2.195 min Scan# 358

Delta R.T. 0.003 min

Lab File: VV023394.D

Acq: 11 Nov 2021 17:46

Instrument :

MSVOA_V

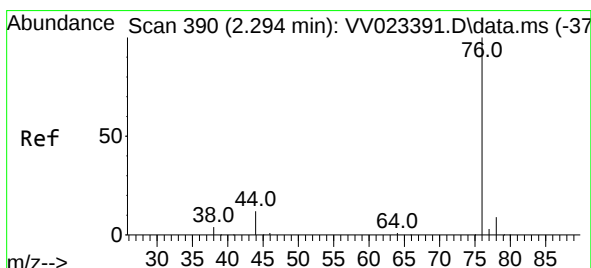
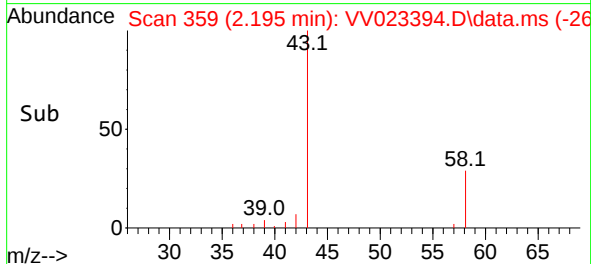
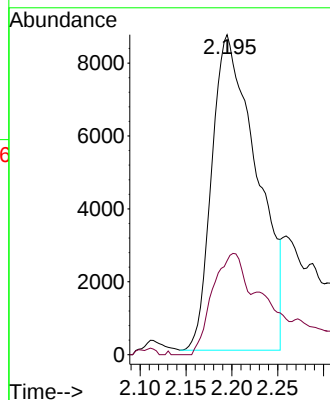
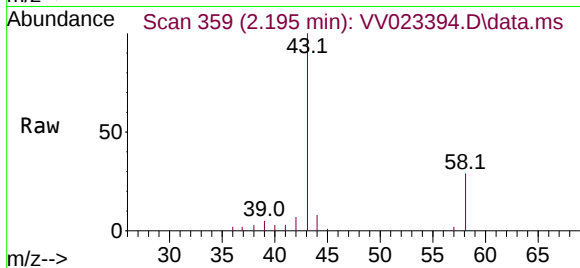
ClientSampleId :

Tgt Ion: 43 Resp: 29527

Ion Ratio Lower Upper

43 100

58 23.7 0.0 55.4



#14

Carbon disulfide

Concen: 4.858 ug/L

RT: 2.294 min Scan# 390

Delta R.T. 0.000 min

Lab File: VV023394.D

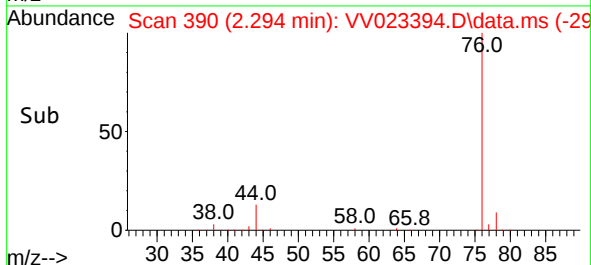
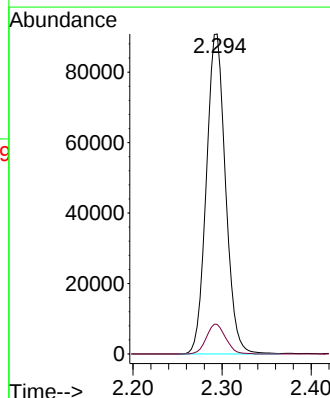
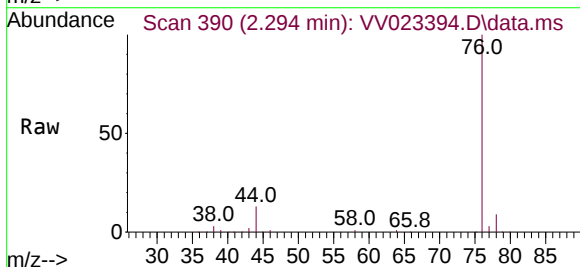
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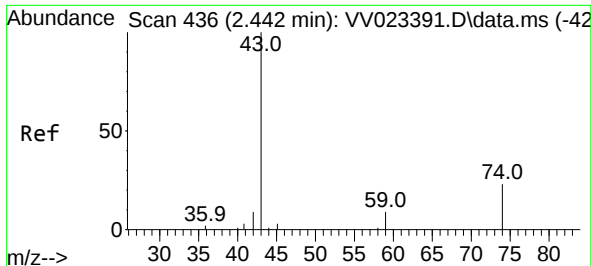
Tgt Ion: 76 Resp: 135405

Ion Ratio Lower Upper

76 100

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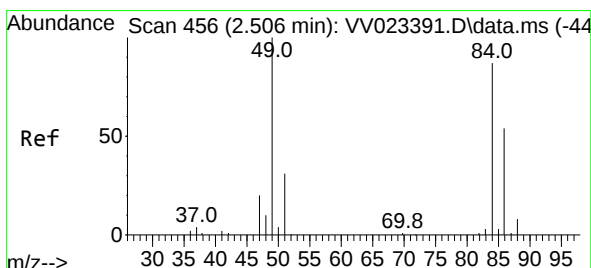
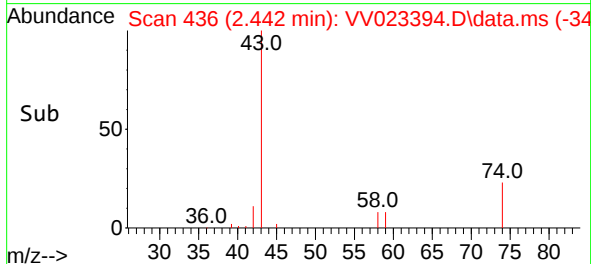
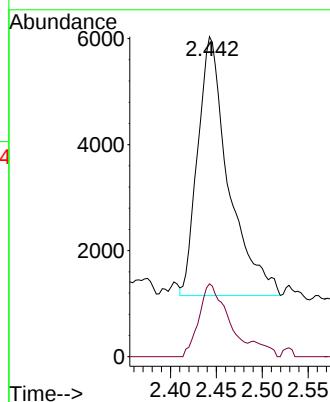
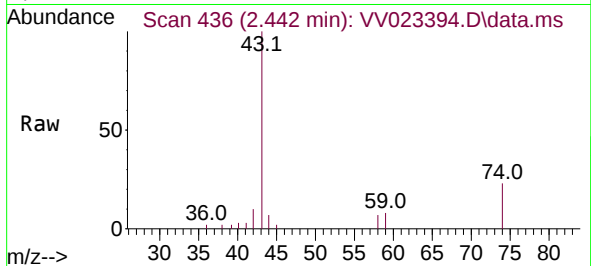




#15
Methyl Acetate
Concen: 4.934 ug/L
RT: 2.442 min Scan# 436
Delta R.T. 0.000 min
Lab File: VV023394.D
Acq: 11 Nov 2021 17:46

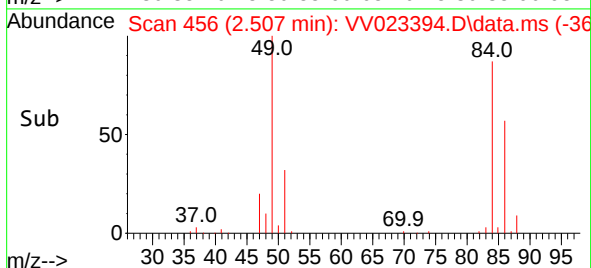
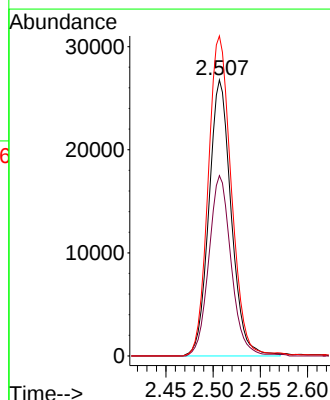
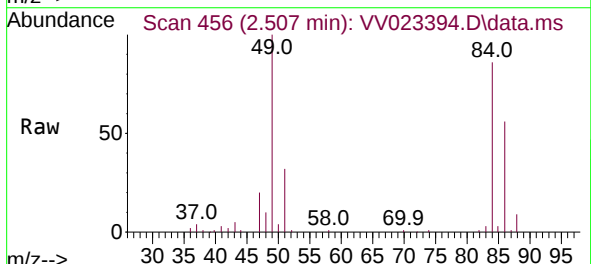
Instrument :
MSVOA_V
ClientSampleId :

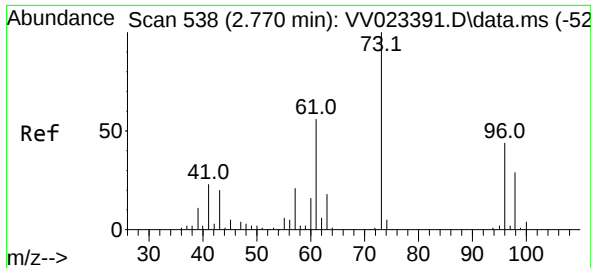
Tgt Ion: 43 Resp: 11406
Ion Ratio Lower Upper
43 100
74 26.1 22.2 33.2



#16
Methylene chloride
Concen: 4.077 ug/L
RT: 2.507 min Scan# 456
Delta R.T. 0.000 min
Lab File: VV023394.D
Acq: 11 Nov 2021 17:46

Tgt Ion: 84 Resp: 43949
Ion Ratio Lower Upper
84 100
86 65.3 42.3 78.5
49 115.9 79.7 148.1

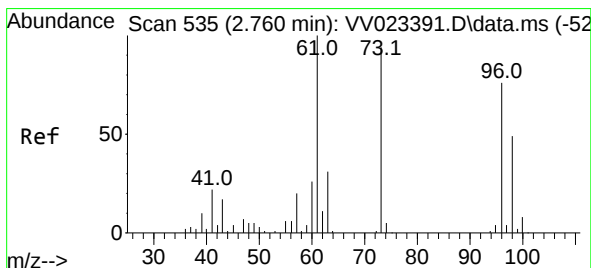
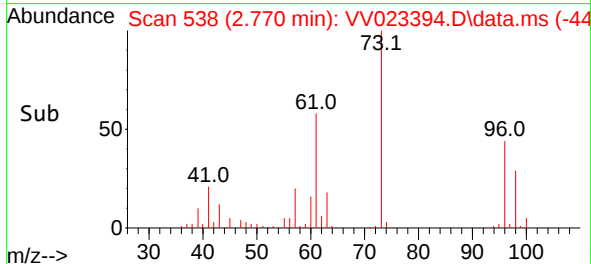
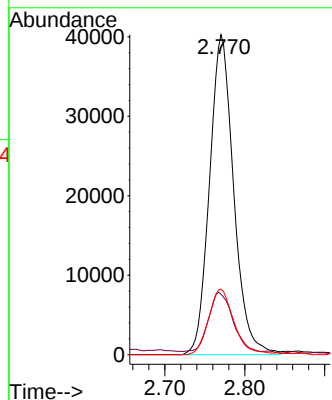
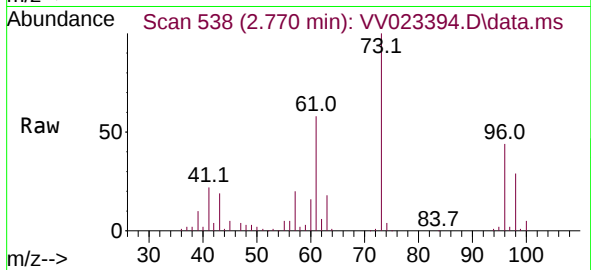




#17
Methyl tert-butyl Ether
Concen: 5.194 ug/L
RT: 2.770 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV023394.D
Acq: 11 Nov 2021 17:46

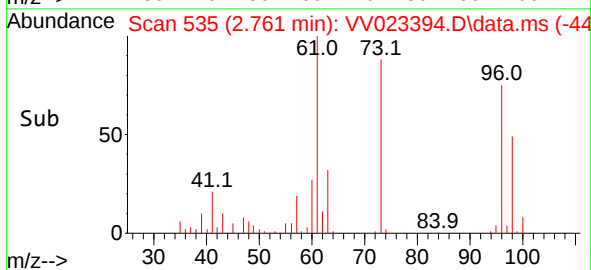
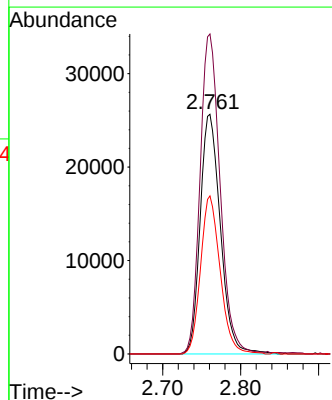
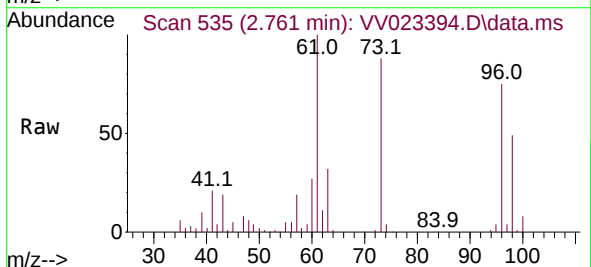
Instrument :
MSVOA_V
ClientSampleId :

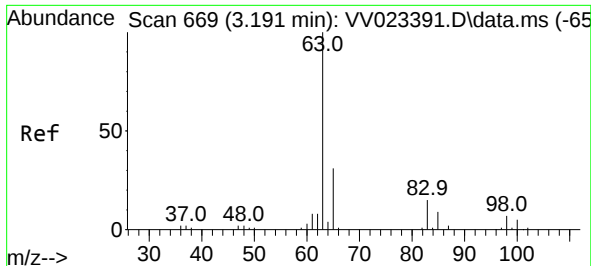
Tgt Ion: 73 Resp: 84443
Ion Ratio Lower Upper
73 100
43 18.3 17.4 26.0
57 21.5 16.5 24.7



#18
trans-1,2-Dichloroethene
Concen: 5.094 ug/L
RT: 2.761 min Scan# 535
Delta R.T. 0.000 min
Lab File: VV023394.D
Acq: 11 Nov 2021 17:46

Tgt Ion: 96 Resp: 46249
Ion Ratio Lower Upper
96 100
61 133.5 93.2 173.2
98 65.9 47.0 87.2





#19

1,1-Dichloroethane

Concen: 5.120 ug/L

RT: 3.188 min Scan# 6

Delta R.T. -0.003 min

Lab File: VV023394.D

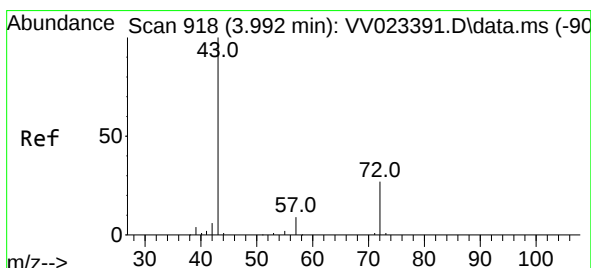
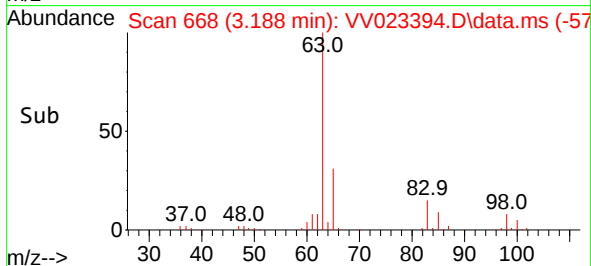
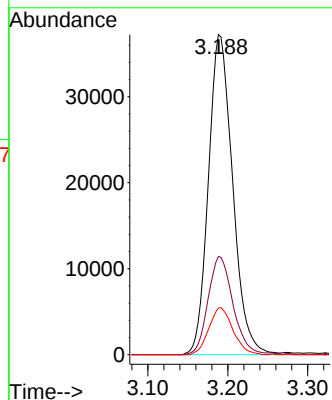
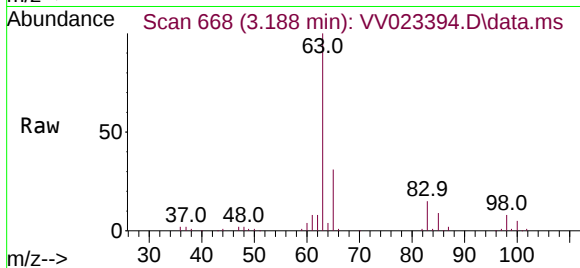
Acq: 11 Nov 2021 17:46

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	63	Resp:	78490
Ion	Ratio	Lower	Upper
63	100		
65	30.7	22.6	42.0
83	14.6	11.1	20.7



#21

2-Butanone

Concen: 40.860 ug/L

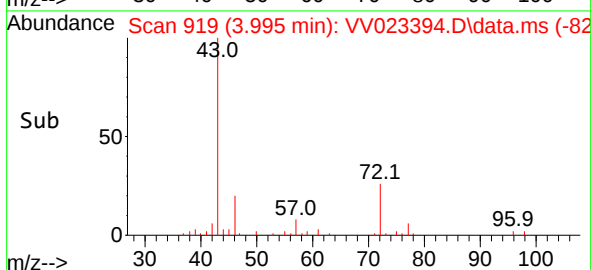
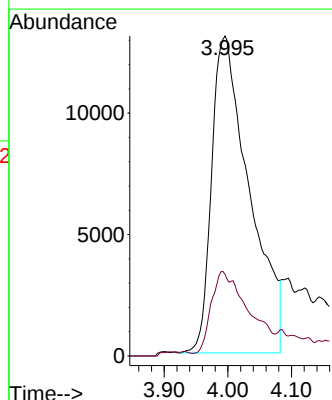
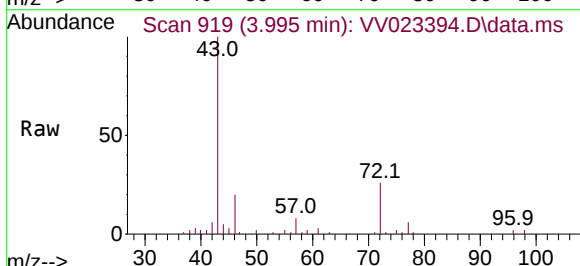
RT: 3.995 min Scan# 919

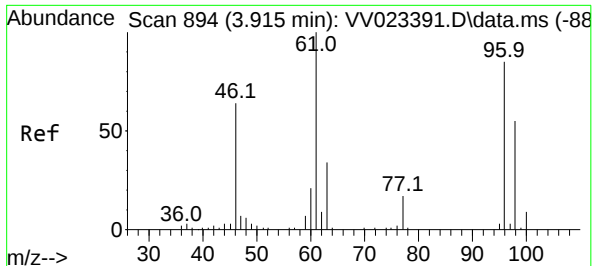
Delta R.T. 0.003 min

Lab File: VV023394.D

Acq: 11 Nov 2021 17:46

Tgt Ion:	43	Resp:	53960
Ion	Ratio	Lower	Upper
43	100		
72	25.4	11.9	35.9





#22

cis-1,2-Dichloroethene

Concen: 5.278 ug/L

RT: 3.915 min Scan# 894

Delta R.T. 0.000 min

Lab File: VV023394.D

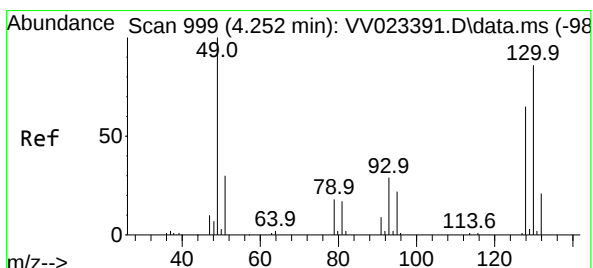
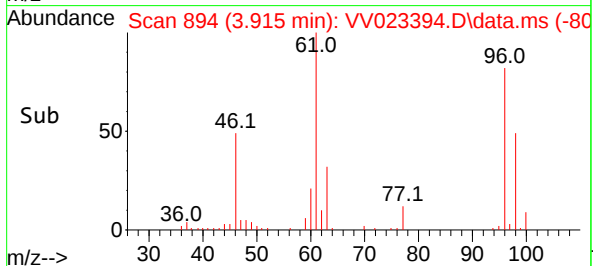
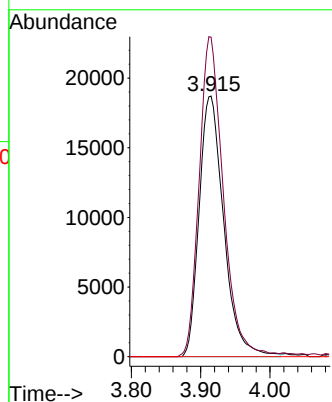
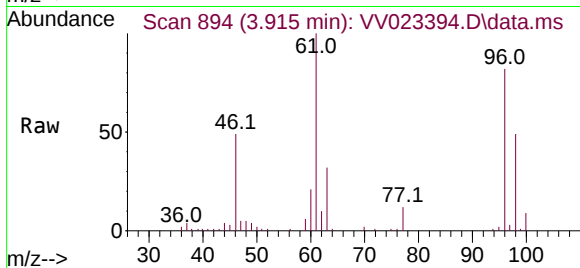
Acq: 11 Nov 2021 17:46

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	96	Resp:	46119
Ion	Ratio	Lower	Upper
96	100		
61	122.6	92.3	171.3
68	0.0	0.4	0.8



#23

Bromochloromethane

Concen: 5.191 ug/L

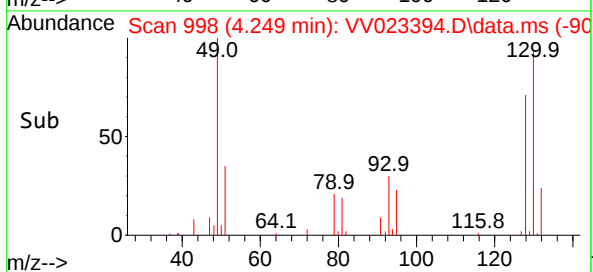
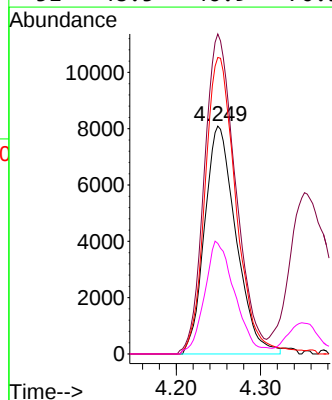
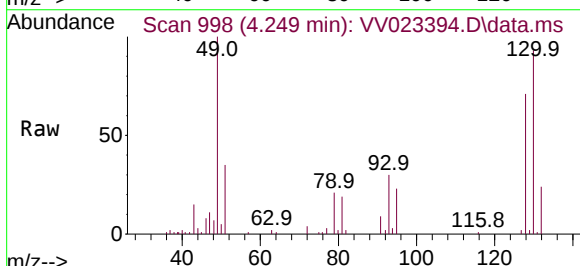
RT: 4.249 min Scan# 998

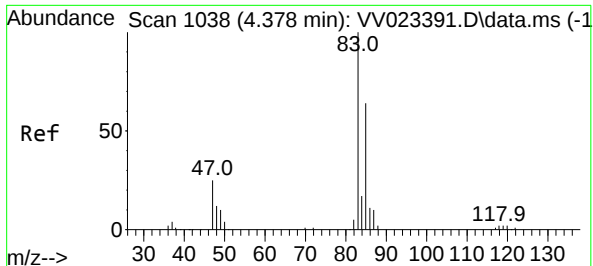
Delta R.T. -0.003 min

Lab File: VV023394.D

Acq: 11 Nov 2021 17:46

Tgt Ion:	128	Resp:	20916
Ion	Ratio	Lower	Upper
128	100		
49	140.4	126.1	234.3
130	130.1	95.2	176.8
51	48.5	46.9	70.3





#25

Chloroform

Concen: 5.224 ug/L

RT: 4.375 min Scan# 1037

Delta R.T. -0.003 min

Lab File: VV023394.D

Acq: 11 Nov 2021 17:46

Instrument :

MSVOA_V

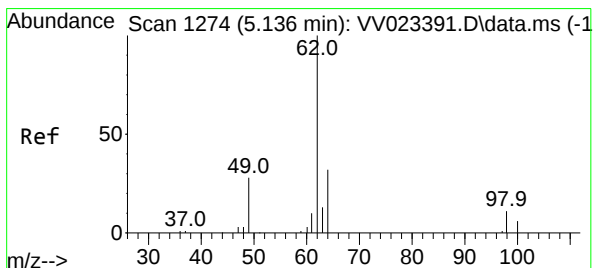
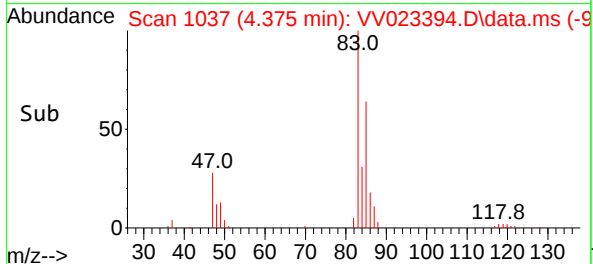
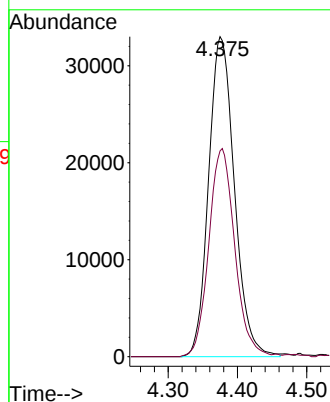
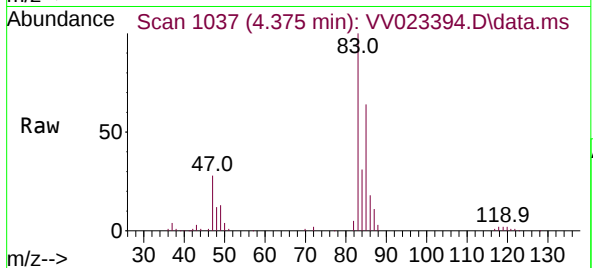
ClientSampleId :

Tgt Ion: 83 Resp: 85367

Ion Ratio Lower Upper

83 100

85 64.3 46.8 86.8



#27

1,2-Dichloroethane

Concen: 5.115 ug/L

RT: 5.134 min Scan# 1273

Delta R.T. -0.003 min

Lab File: VV023394.D

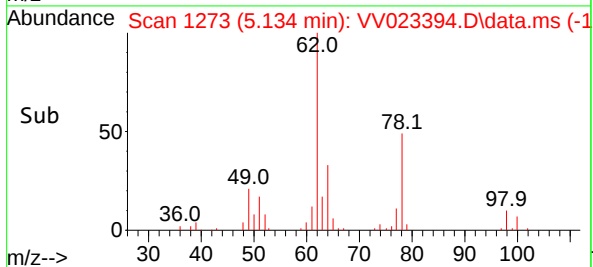
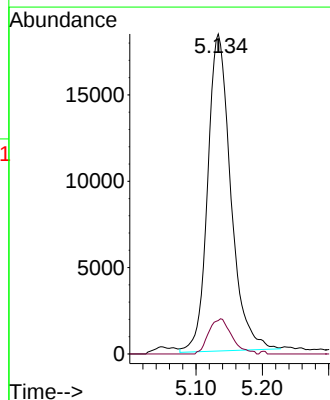
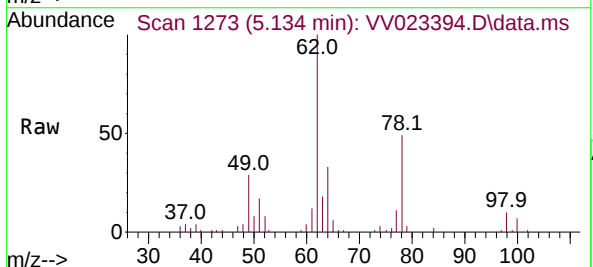
Acq: 11 Nov 2021 17:46

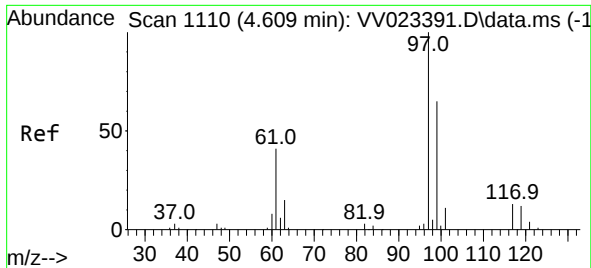
Tgt Ion: 62 Resp: 44457

Ion Ratio Lower Upper

62 100

98 10.5 8.2 12.4





#29

1,1,1-Trichloroethane

Concen: 5.123 ug/L

RT: 4.609 min Scan# 1110

Delta R.T. 0.000 min

Lab File: VV023394.D

Acq: 11 Nov 2021 17:46

Instrument :

MSVOA_V

ClientSampleId :

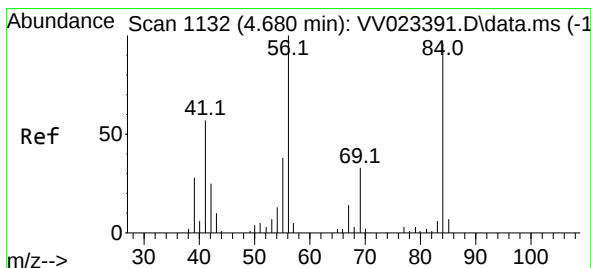
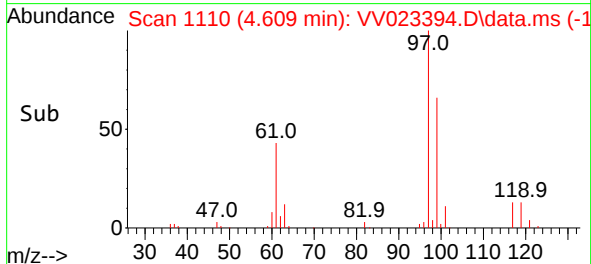
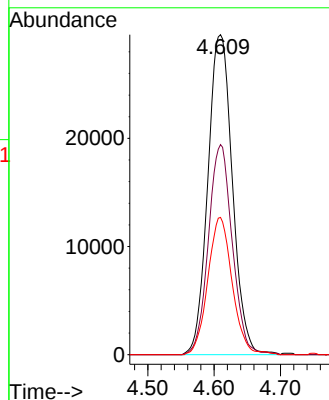
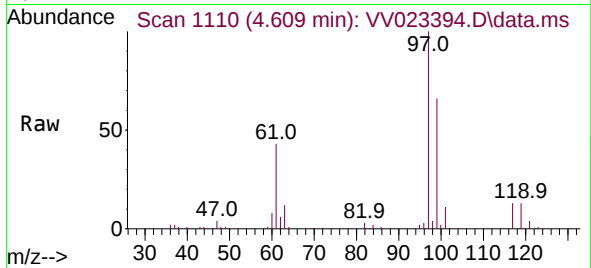
Tgt Ion: 97 Resp: 76184

Ion Ratio Lower Upper

97 100

99 64.0 51.0 76.4

61 42.6 34.1 51.1



#30

Cyclohexane

Concen: 5.015 ug/L

RT: 4.680 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VV023394.D

Acq: 11 Nov 2021 17:46

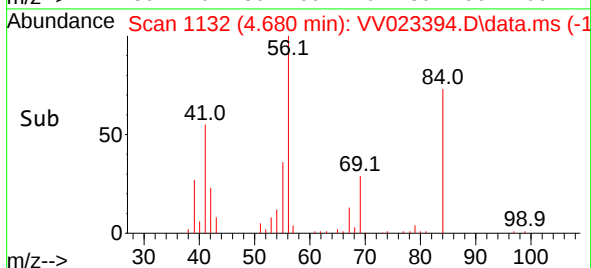
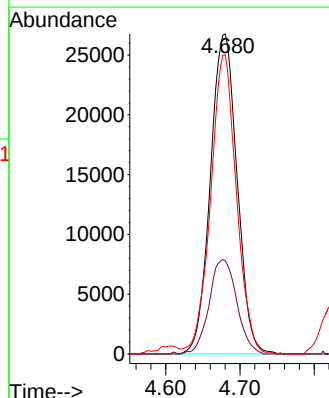
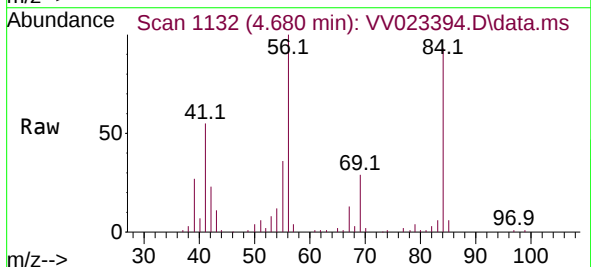
Tgt Ion: 56 Resp: 66829

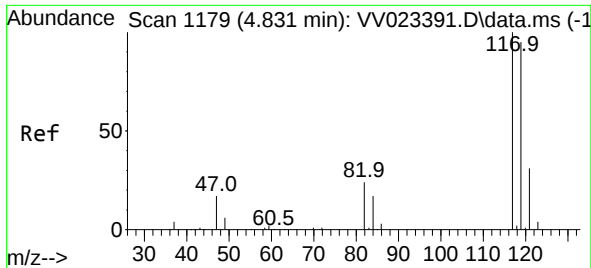
Ion Ratio Lower Upper

56 100

69 30.5 23.5 35.3

84 90.8 71.6 107.4

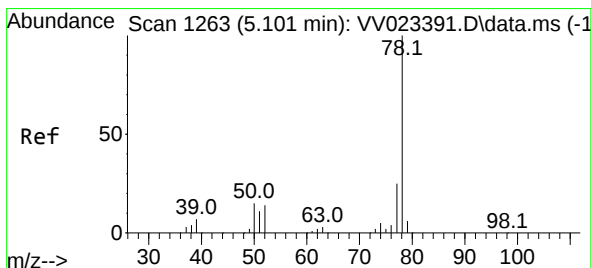
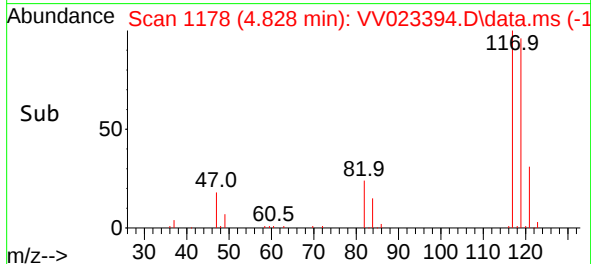
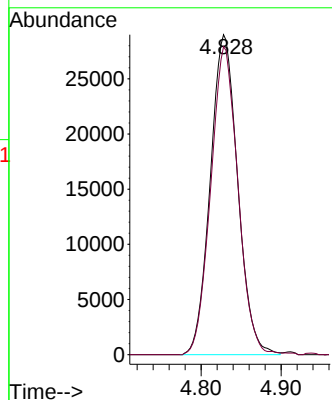
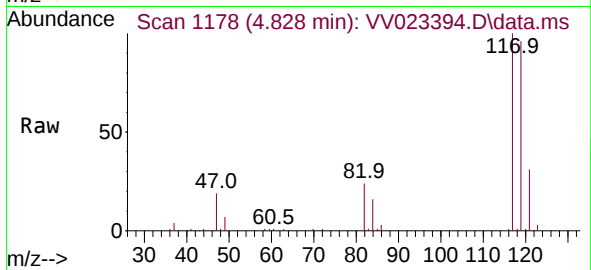




#31
Carbon tetrachloride
Concen: 5.172 ug/L
RT: 4.828 min Scan# 1179
Delta R.T. -0.003 min
Lab File: VV023394.D
Acq: 11 Nov 2021 17:46

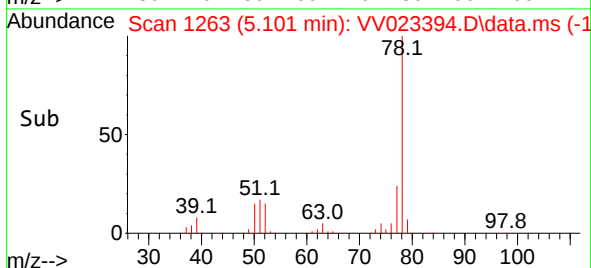
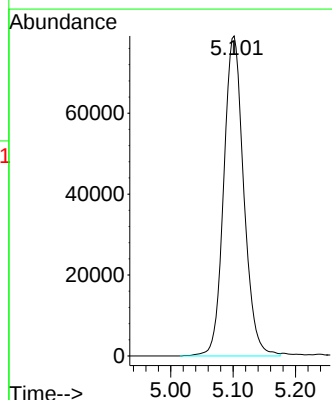
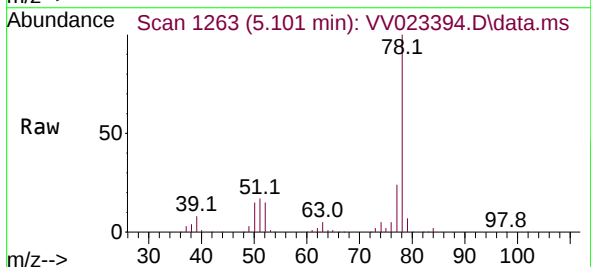
Instrument :
MSVOA_V
ClientSampleId :

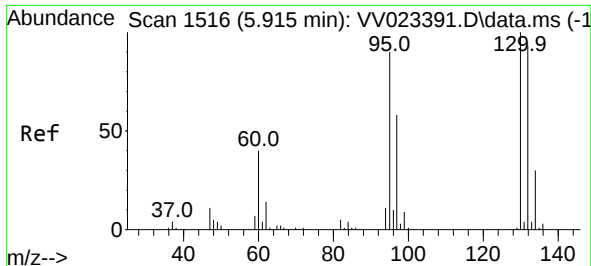
Tgt Ion:117 Resp: 69084
Ion Ratio Lower Upper
117 100
119 95.5 78.8 118.2



#33
Benzene
Concen: 5.154 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.000 min
Lab File: VV023394.D
Acq: 11 Nov 2021 17:46

Tgt Ion: 78 Resp: 176408

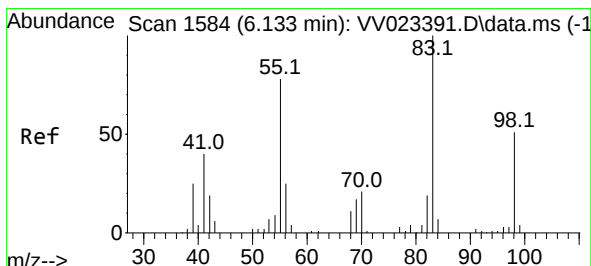
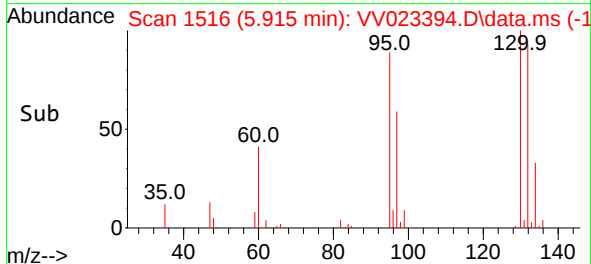
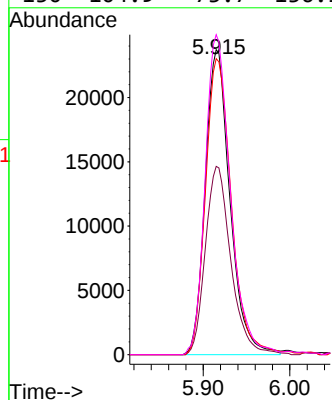
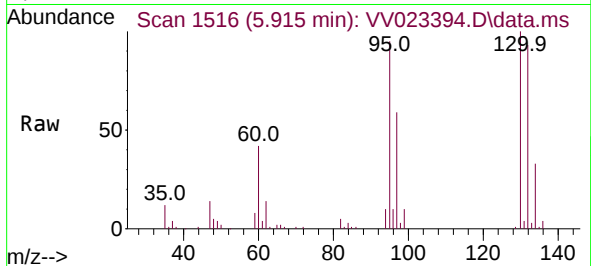




#34
Trichloroethene
Concen: 5.183 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VV023394.D
Acq: 11 Nov 2021 17:46

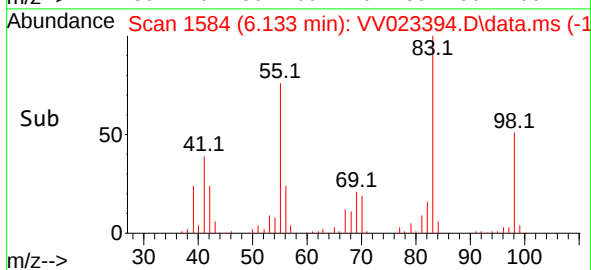
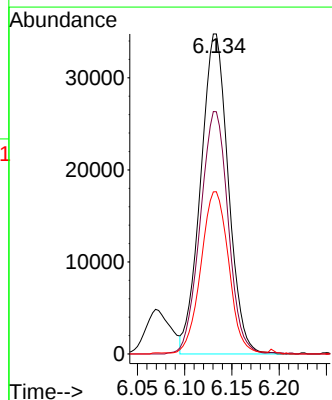
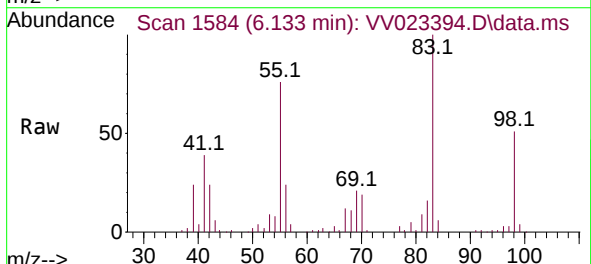
Instrument :
MSVOA_V
ClientSampleId :

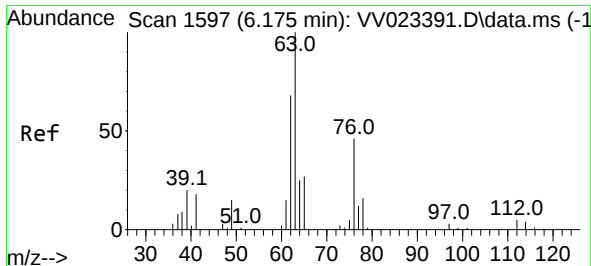
Tgt Ion: 95 Resp: 47174
Ion Ratio Lower Upper
95 100
97 61.7 45.0 83.6
132 97.1 69.7 129.4
130 104.9 73.7 136.9



#35
Methylcyclohexane
Concen: 4.929 ug/L
RT: 6.133 min Scan# 1584
Delta R.T. 0.000 min
Lab File: VV023394.D
Acq: 11 Nov 2021 17:46

Tgt Ion: 83 Resp: 70812
Ion Ratio Lower Upper
83 100
55 76.4 62.8 94.2
98 50.0 37.9 56.9





#37

1,2-Dichloropropane

Concen: 5.071 ug/L

RT: 6.175 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV023394.D

Acq: 11 Nov 2021 17:46

Instrument :

MSVOA_V

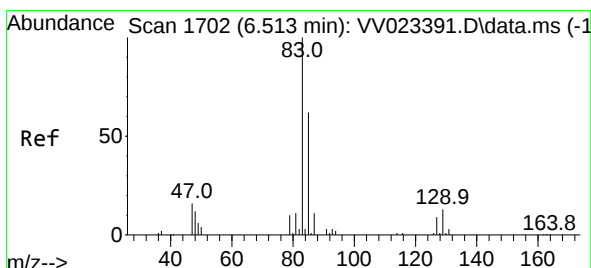
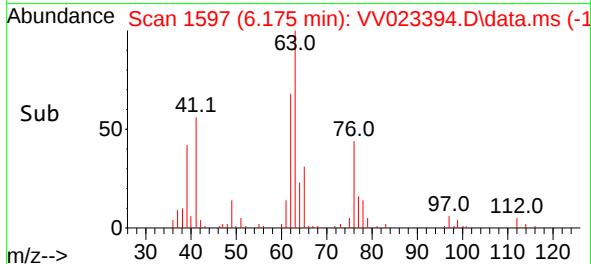
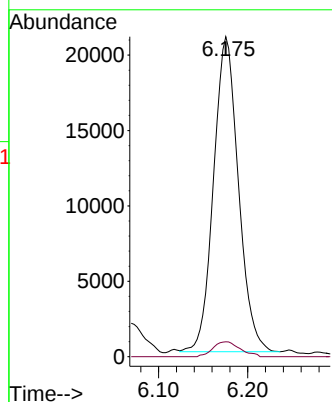
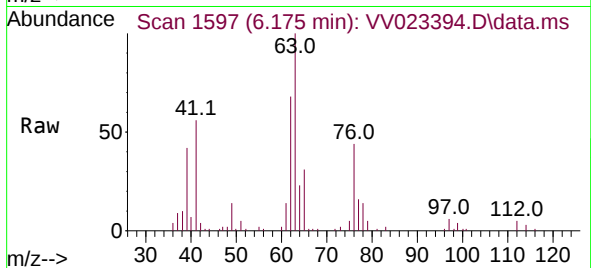
ClientSampleId :

Tgt Ion: 63 Resp: 40519

Ion Ratio Lower Upper

63 100

112 5.2 4.6 6.8



#38

Bromodichloromethane

Concen: 5.172 ug/L

RT: 6.510 min Scan# 1701

Delta R.T. -0.003 min

Lab File: VV023394.D

Acq: 11 Nov 2021 17:46

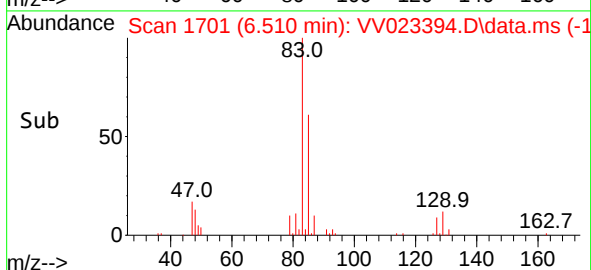
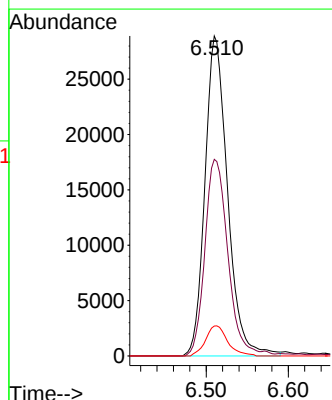
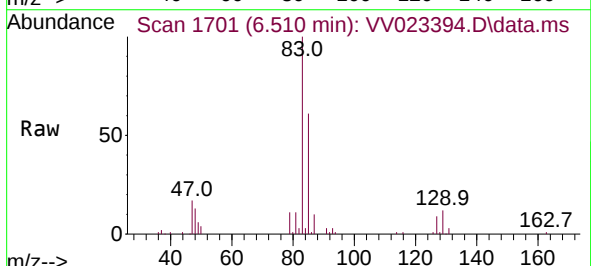
Tgt Ion: 83 Resp: 55379

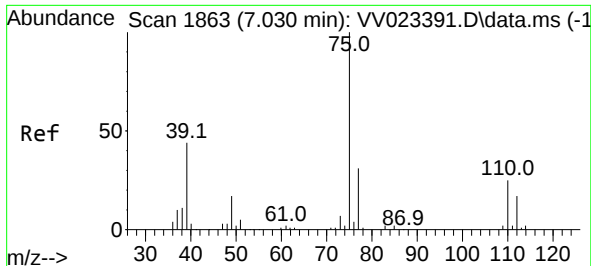
Ion Ratio Lower Upper

83 100

85 61.4 46.1 85.7

127 9.3 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 5.107 ug/L

RT: 7.027 min Scan# 1862

Delta R.T. -0.003 min

Lab File: VV023394.D

Acq: 11 Nov 2021 17:46

Instrument :

MSVOA_V

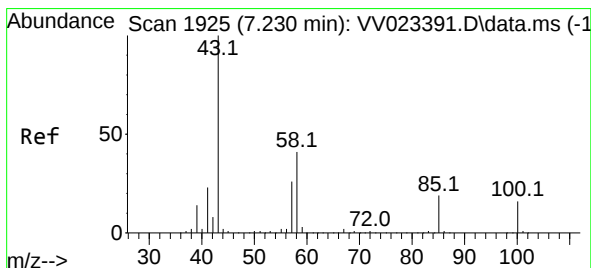
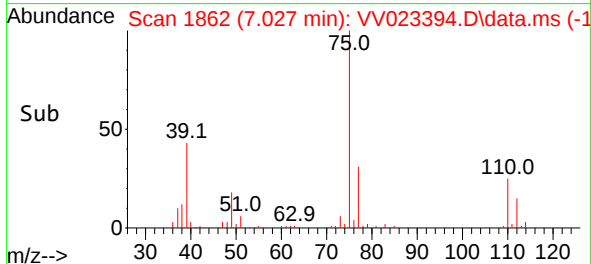
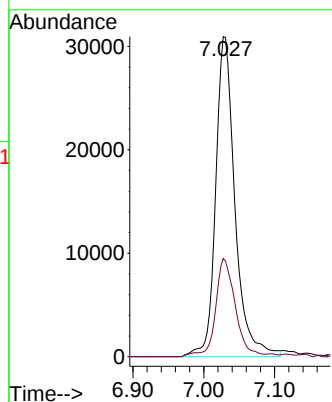
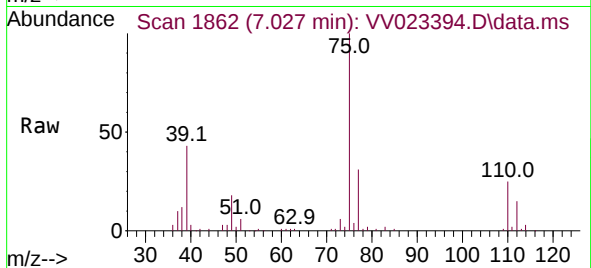
ClientSampleId :

Tgt Ion: 75 Resp: 58694

Ion Ratio Lower Upper

75 100

77 30.7 21.6 40.2



#40

4-Methyl-2-pentanone

Concen: 58.776 ug/L

RT: 7.230 min Scan# 1925

Delta R.T. 0.000 min

Lab File: VV023394.D

Acq: 11 Nov 2021 17:46

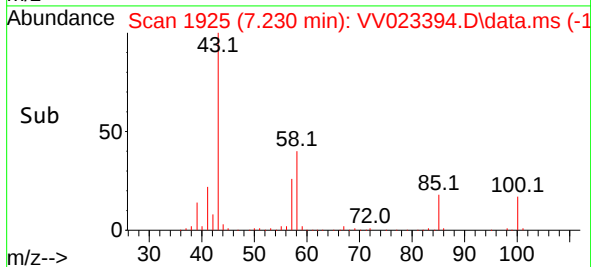
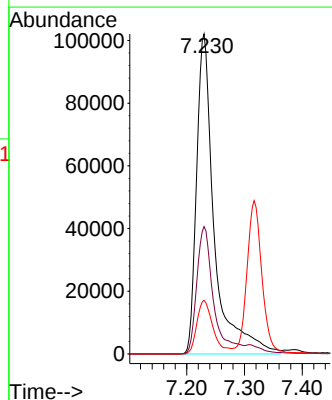
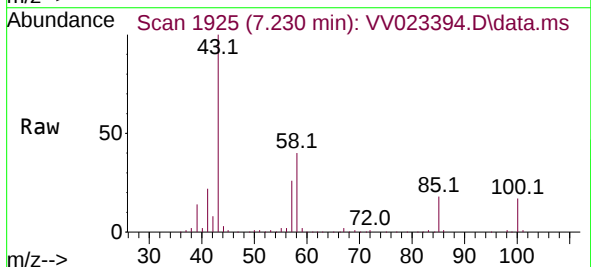
Tgt Ion: 43 Resp: 217802

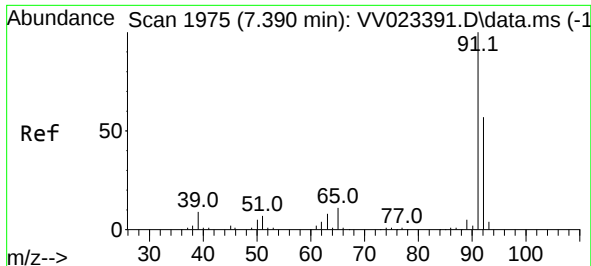
Ion Ratio Lower Upper

43 100

58 37.7 31.1 46.7

100 15.4 12.6 19.0





#42

Toluene

Concen: 5.383 ug/L

RT: 7.387 min Scan# 1974

Delta R.T. -0.003 min

Lab File: VV023394.D

Acq: 11 Nov 2021 17:46

Instrument :

MSVOA_V

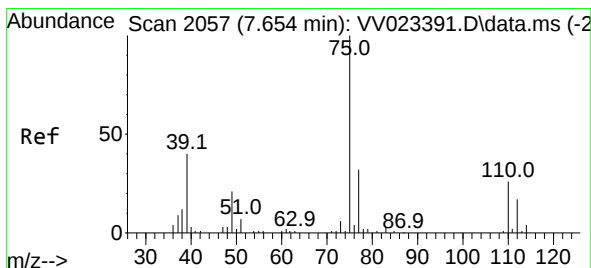
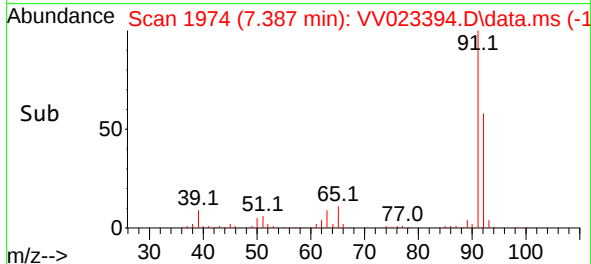
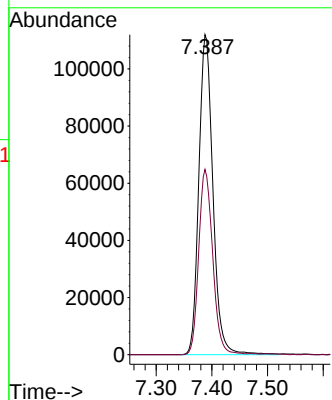
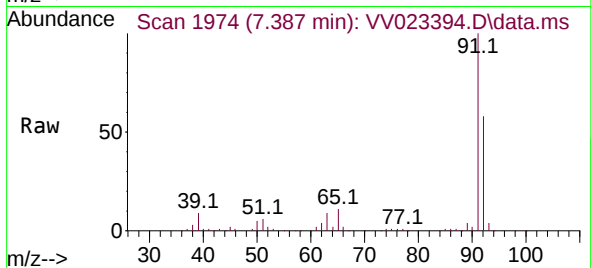
ClientSampleId :

Tgt Ion: 91 Resp: 197039

Ion Ratio Lower Upper

91 100

92 57.9 39.3 72.9



#44

trans-1,3-Dichloropropene

Concen: 5.124 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. -0.003 min

Lab File: VV023394.D

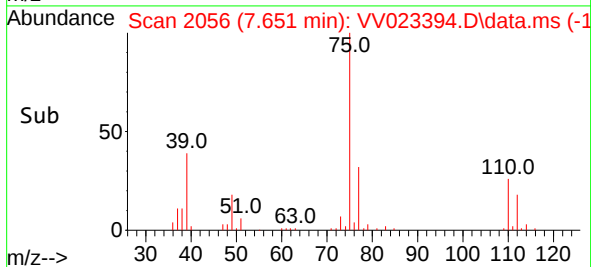
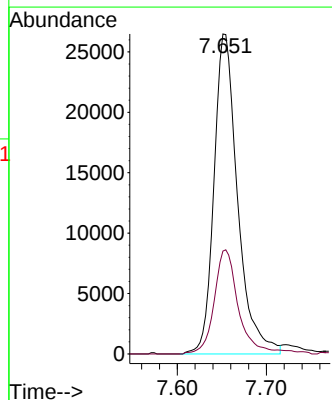
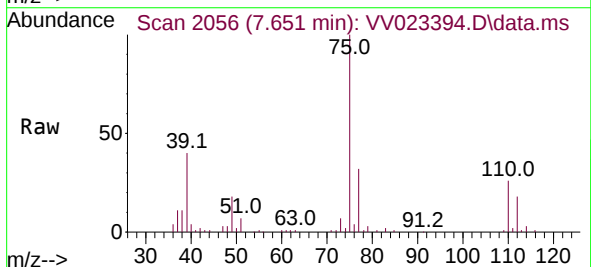
Acq: 11 Nov 2021 17:46

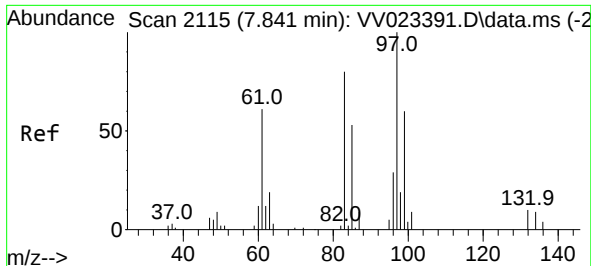
Tgt Ion: 75 Resp: 48863

Ion Ratio Lower Upper

75 100

77 32.1 22.5 41.7

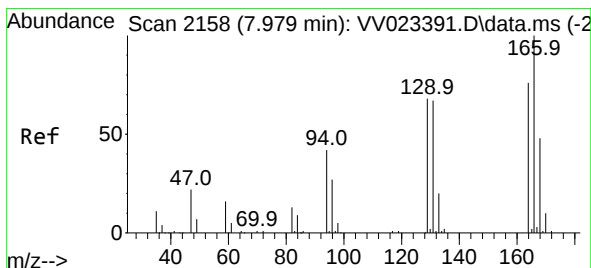
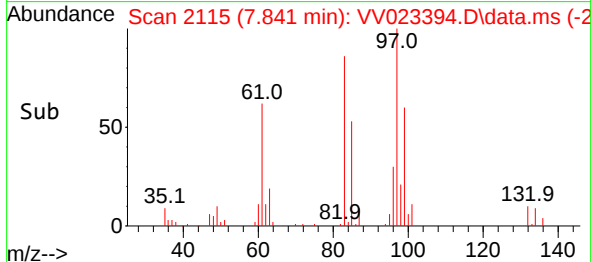
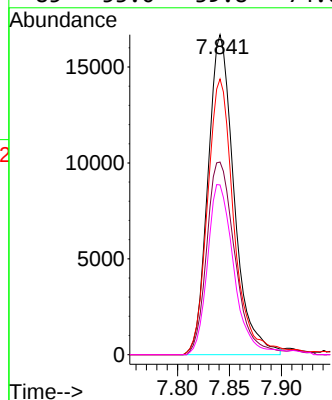
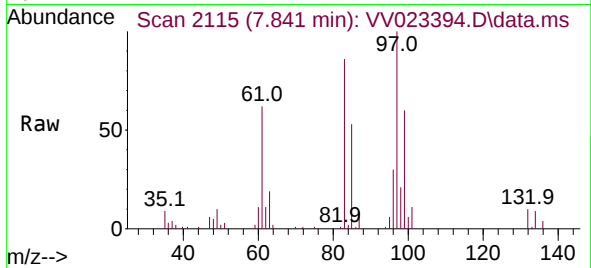




#45
1,1,2-Trichloroethane
Concen: 5.087 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. 0.000 min
Lab File: VV023394.D
Acq: 11 Nov 2021 17:46

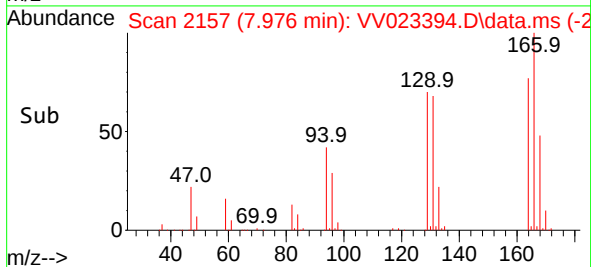
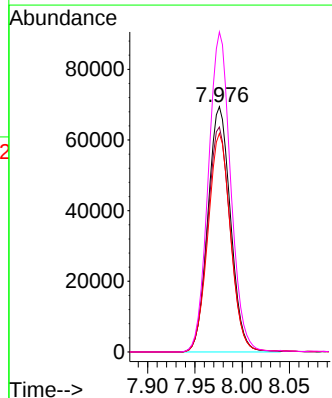
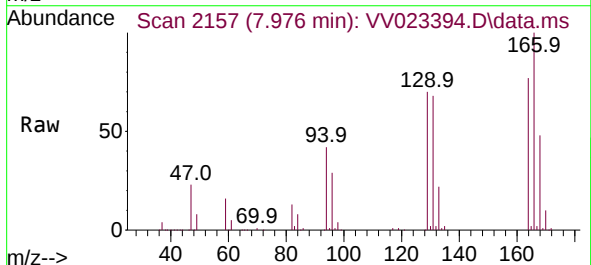
Instrument :
MSVOA_V
ClientSampleId :

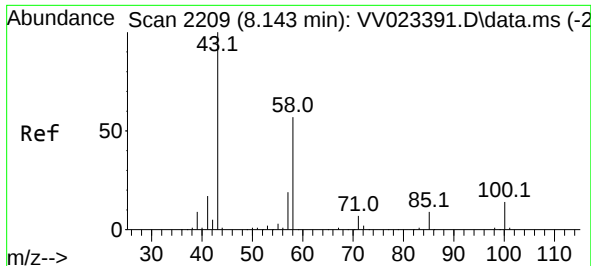
Tgt Ion: 97	Resp: 29205
Ion Ratio	Lower Upper
97 100	
99 60.2	43.6 81.0
83 86.1	58.4 108.4
85 53.0	39.8 74.0



#47
Tetrachloroethene
Concen: 14.666 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.003 min
Lab File: VV023394.D
Acq: 11 Nov 2021 17:46

Tgt	Ion:164	Resp:	115678
Ion	Ratio	Lower	Upper
164	100		
129	91.8	64.0	119.0
131	89.1	63.4	117.8
166	130.5	89.3	165.9

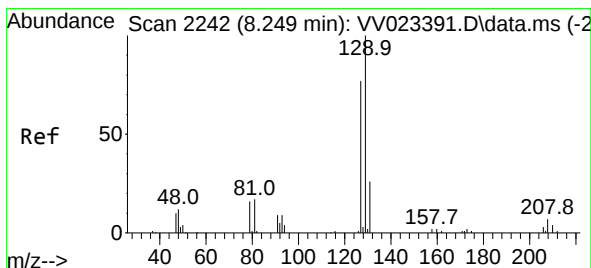
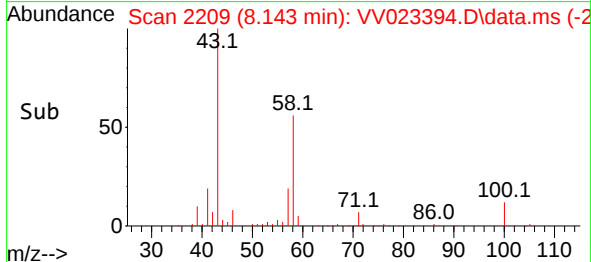
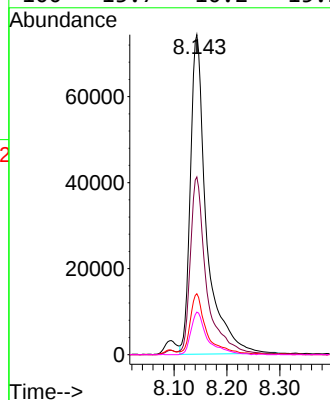
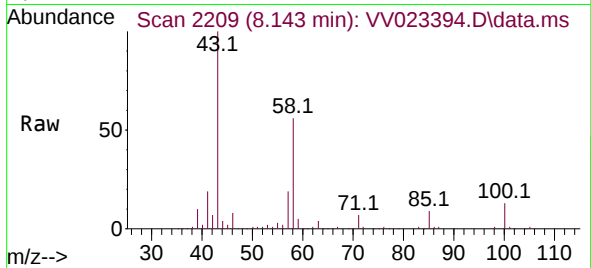




#48
2-Hexanone
Concen: 60.798 ug/L
RT: 8.143 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV023394.D
Acq: 11 Nov 2021 17:46

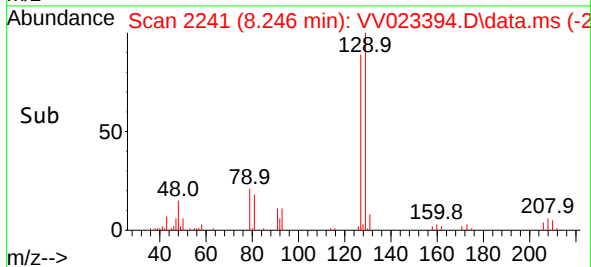
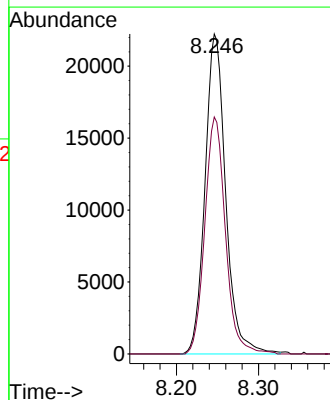
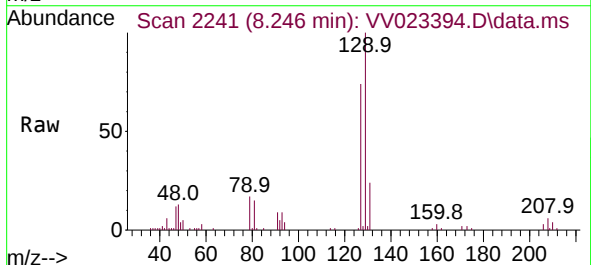
Instrument :
MSVOA_V
ClientSampleId :

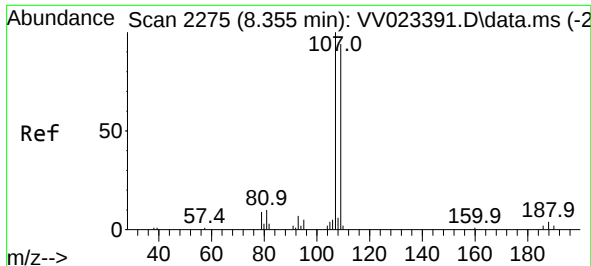
Tgt Ion: 43 Resp: 157866
Ion Ratio Lower Upper
43 100
58 55.1 43.7 65.5
57 18.7 14.1 21.1
100 13.7 10.2 15.2



#49
Dibromochloromethane
Concen: 5.359 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. -0.003 min
Lab File: VV023394.D
Acq: 11 Nov 2021 17:46

Tgt Ion:129 Resp: 38978
Ion Ratio Lower Upper
129 100
127 74.0 54.7 101.7





#50

1,2-Dibromoethane

Concen: 5.326 ug/L

RT: 8.355 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV023394.D

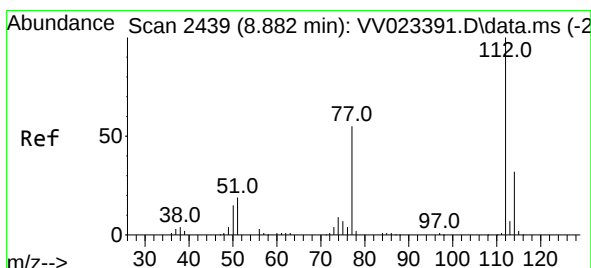
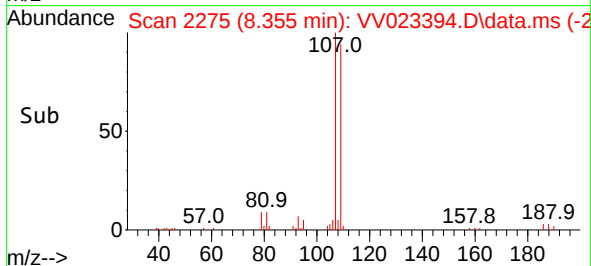
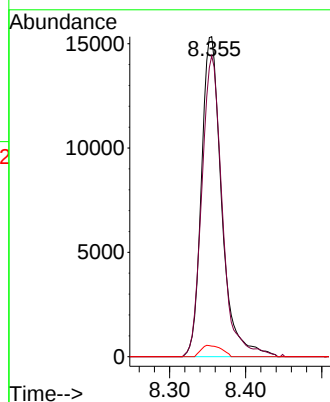
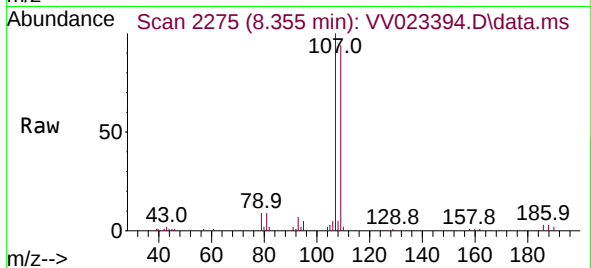
Acq: 11 Nov 2021 17:46

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:107	Resp:	28334
Ion Ratio	Lower	Upper
107	100	
109	94.0	64.7 120.1
188	3.3	3.6 5.4#



#51

Chlorobenzene

Concen: 5.064 ug/L

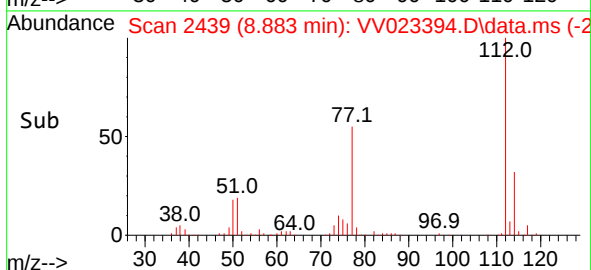
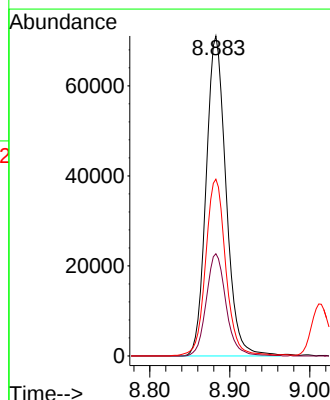
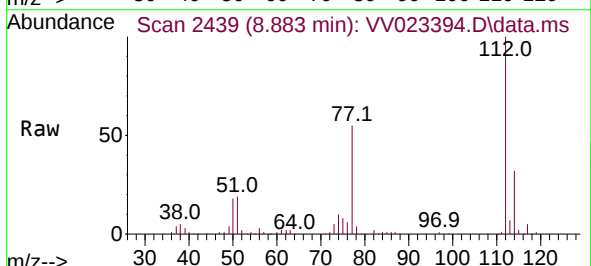
RT: 8.883 min Scan# 2439

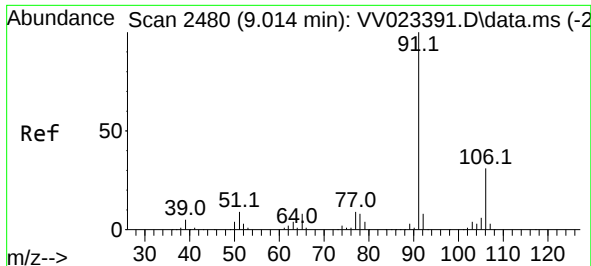
Delta R.T. 0.000 min

Lab File: VV023394.D

Acq: 11 Nov 2021 17:46

Tgt Ion:112	Resp:	123206
Ion Ratio	Lower	Upper
112	100	
114	32.0	22.0 40.8
77	55.2	44.4 66.6





#52

Ethylbenzene

Concen: 5.222 ug/L

RT: 9.011 min Scan# 2480

Delta R.T. -0.003 min

Lab File: VV023394.D

Acq: 11 Nov 2021 17:46

Instrument :

MSVOA_V

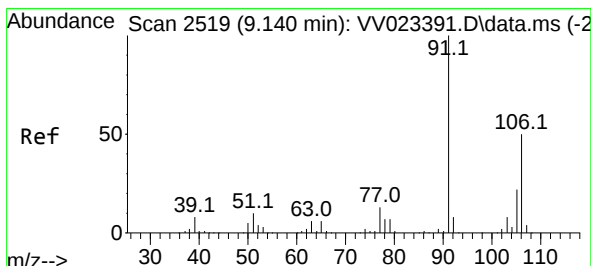
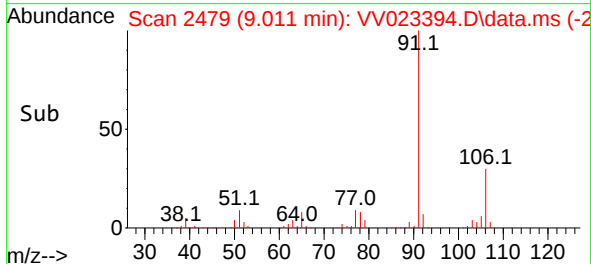
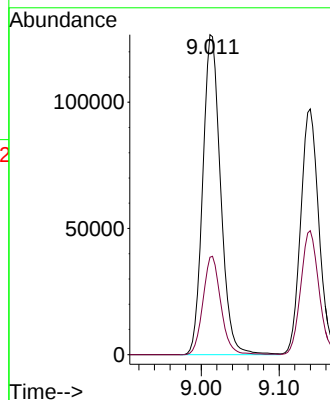
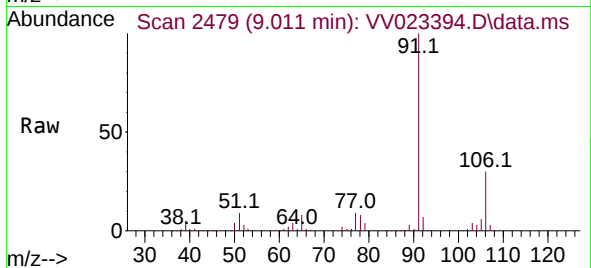
ClientSampleId :

Tgt Ion: 91 Resp: 201607

Ion Ratio Lower Upper

91 100

106 30.4 22.5 41.9



#53

m,p-xylene

Concen: 5.253 ug/L

RT: 9.140 min Scan# 2519

Delta R.T. 0.000 min

Lab File: VV023394.D

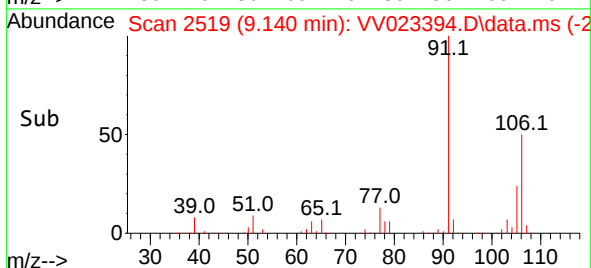
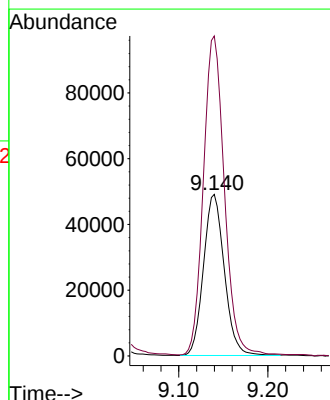
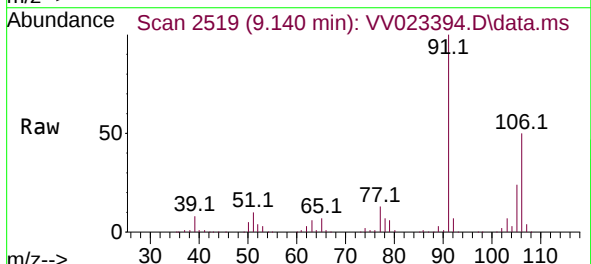
Acq: 11 Nov 2021 17:46

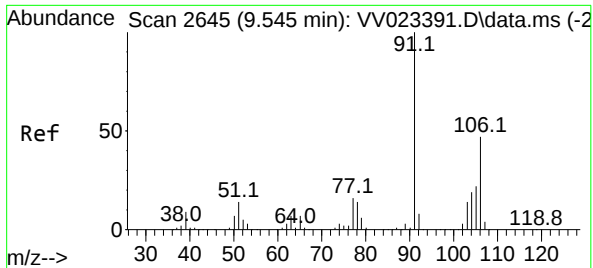
Tgt Ion:106 Resp: 79587

Ion Ratio Lower Upper

106 100

91 198.1 137.2 254.8

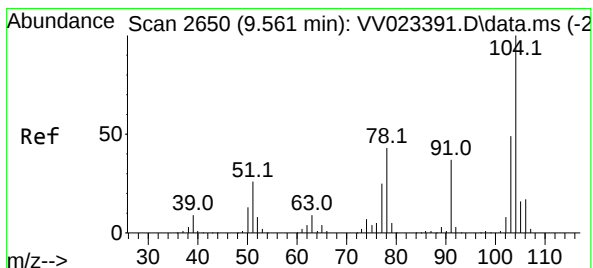
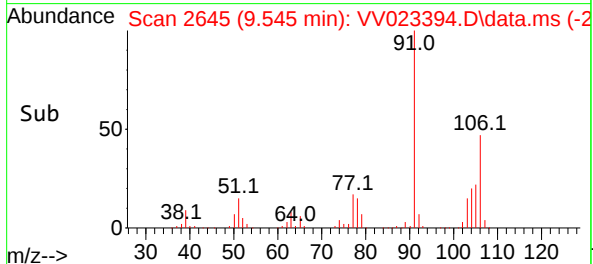
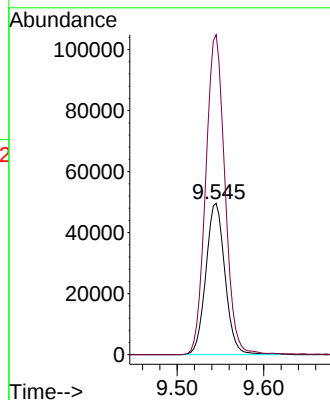
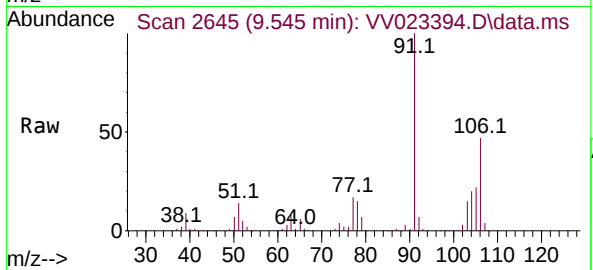




#54
o-xylene
Concen: 5.357 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.000 min
Lab File: VV023394.D
Acq: 11 Nov 2021 17:46

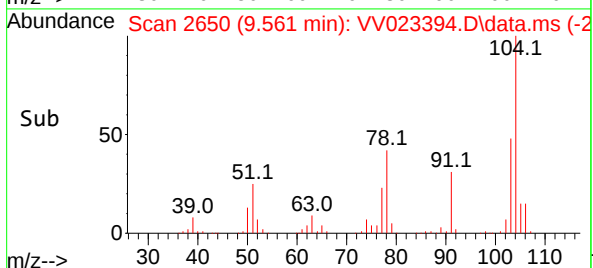
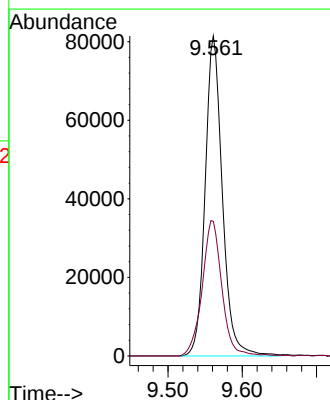
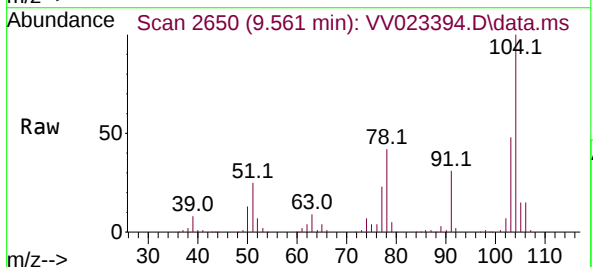
Instrument :
MSVOA_V
ClientSampleId :

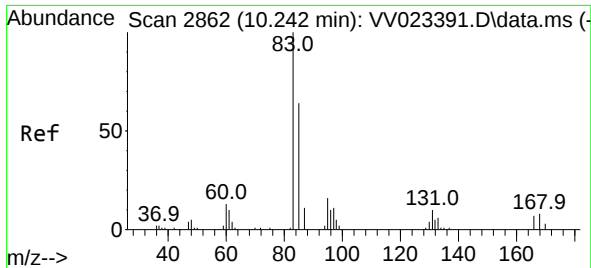
Tgt Ion:106 Resp: 76145
Ion Ratio Lower Upper
106 100
91 211.4 148.3 275.5



#55
Styrene
Concen: 5.385 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.000 min
Lab File: VV023394.D
Acq: 11 Nov 2021 17:46

Tgt Ion:104 Resp: 131129
Ion Ratio Lower Upper
104 100
78 42.1 29.3 54.3

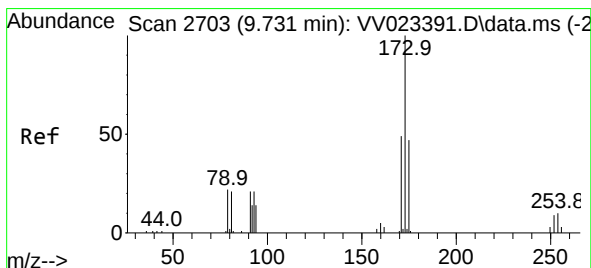
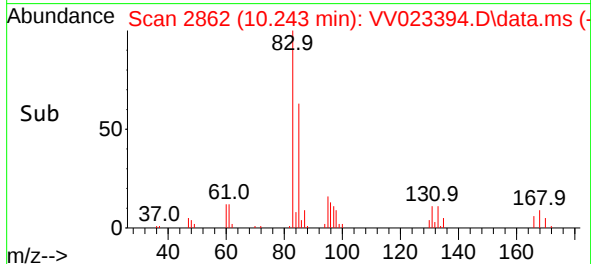
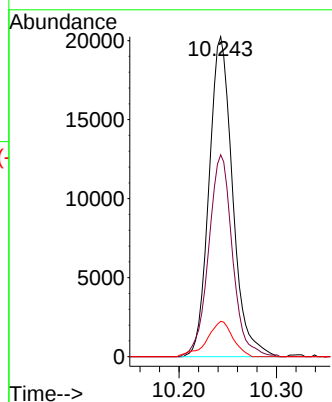
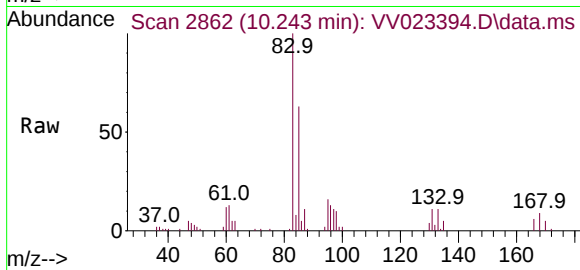




#57
 1,1,2,2-Tetrachloroethane
 Concen: 5.396 ug/L
 RT: 10.243 min Scan# 2862
 Delta R.T. 0.000 min
 Lab File: VV023394.D
 Acq: 11 Nov 2021 17:46

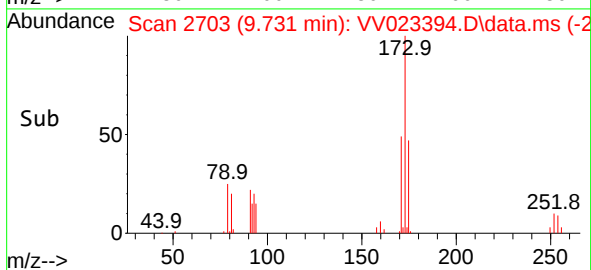
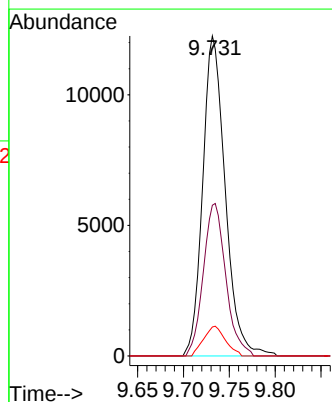
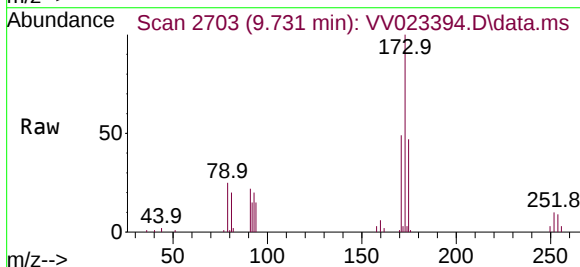
Instrument :
 MSVOA_V
 ClientSampleId :

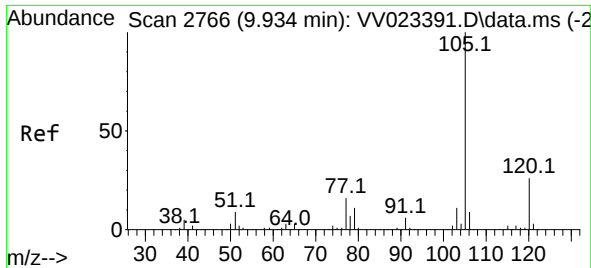
Tgt Ion: 83	Resp: 33941
Ion Ratio	Lower Upper
83 100	
85 63.1	45.1 83.9
131 11.0	7.8 11.6



#59
 Bromoform
 Concen: 5.450 ug/L
 RT: 9.731 min Scan# 2703
 Delta R.T. 0.000 min
 Lab File: VV023394.D
 Acq: 11 Nov 2021 17:46

Tgt Ion: 173	Resp: 20950
Ion Ratio	Lower Upper
173 100	
175 47.5	38.2 57.2
254 9.0	6.2 9.2

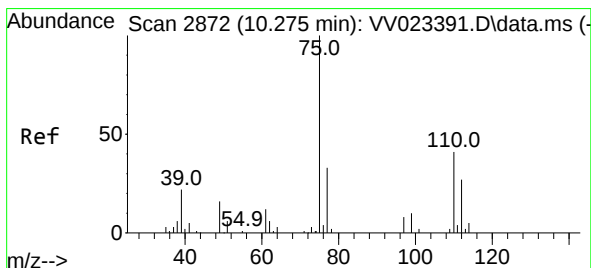
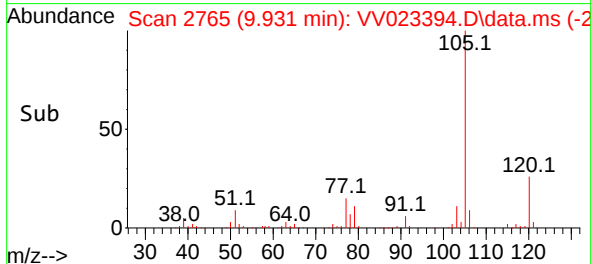
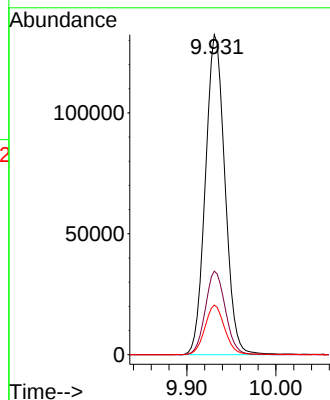
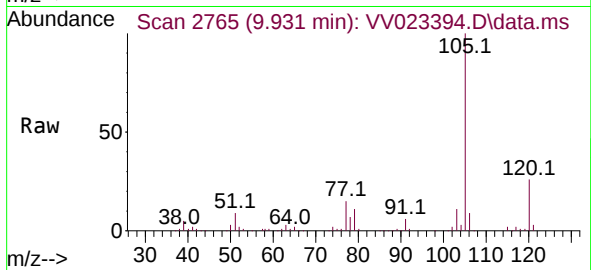




#60
Isopropylbenzene
Concen: 5.452 ug/L
RT: 9.931 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV023394.D
Acq: 11 Nov 2021 17:46

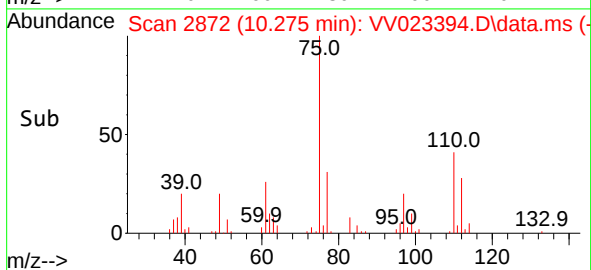
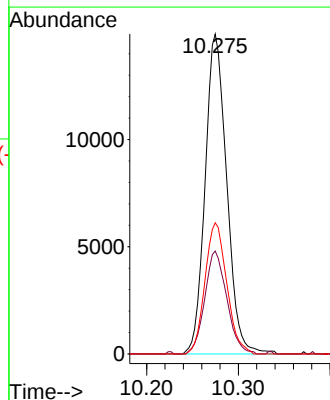
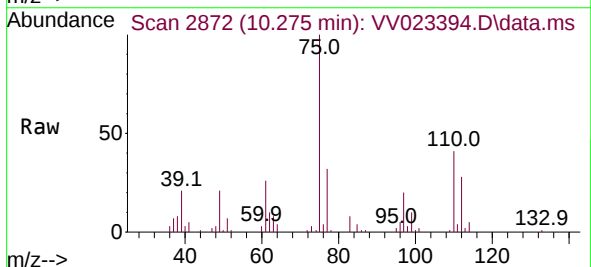
Instrument :
MSVOA_V
ClientSampleId :

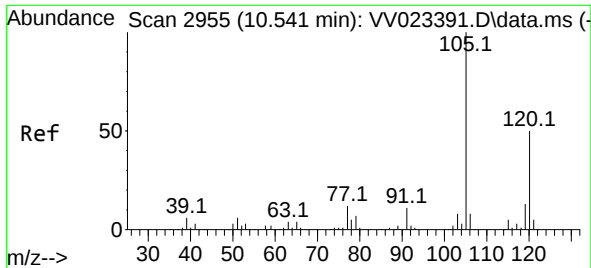
Tgt Ion:105 Resp: 201330
Ion Ratio Lower Upper
105 100
120 26.8 21.7 32.5
77 15.8 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 5.715 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. 0.000 min
Lab File: VV023394.D
Acq: 11 Nov 2021 17:46

Tgt Ion: 75 Resp: 24429
Ion Ratio Lower Upper
75 100
77 32.7 26.6 39.8
110 41.3 31.8 47.6

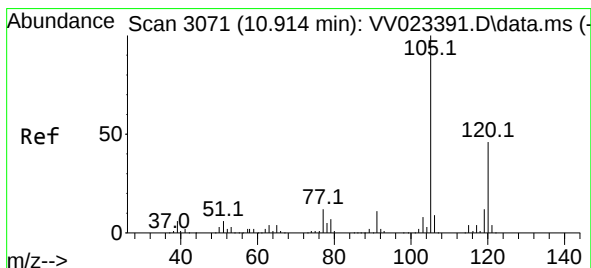
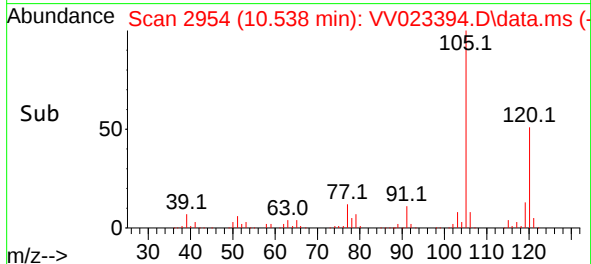
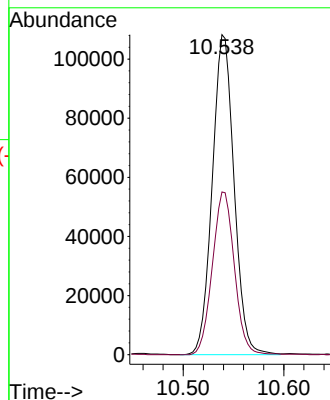
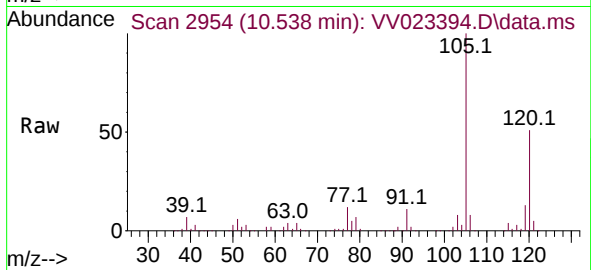




#62
 1,3,5-Trimethylbenzene
 Concen: 5.321 ug/L
 RT: 10.538 min Scan# 2954
 Delta R.T. -0.003 min
 Lab File: VV023394.D
 Acq: 11 Nov 2021 17:46

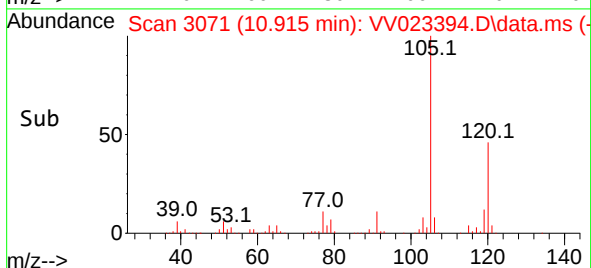
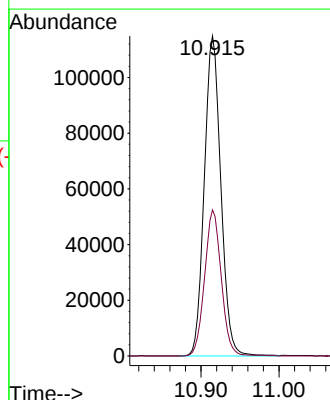
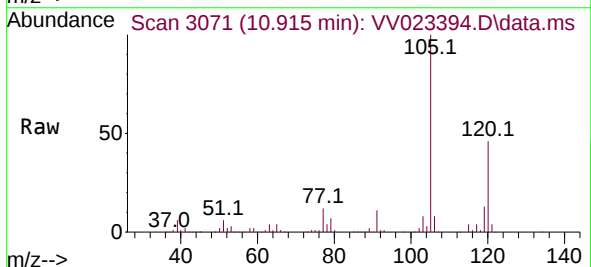
Instrument :
 MSVOA_V
 ClientSampleId :

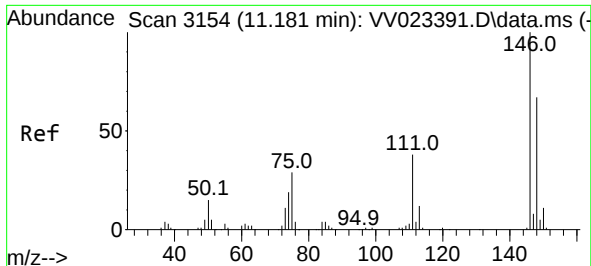
Tgt Ion:105 Resp: 162939
 Ion Ratio Lower Upper
 105 100
 120 51.3 39.7 59.5



#63
 1,2,4-Trimethylbenzene
 Concen: 5.562 ug/L
 RT: 10.915 min Scan# 3071
 Delta R.T. 0.000 min
 Lab File: VV023394.D
 Acq: 11 Nov 2021 17:46

Tgt Ion:105 Resp: 169513
 Ion Ratio Lower Upper
 105 100
 120 46.0 37.4 56.2

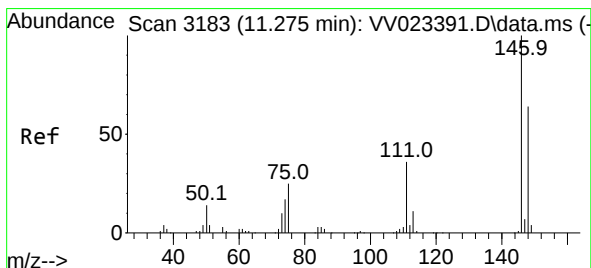
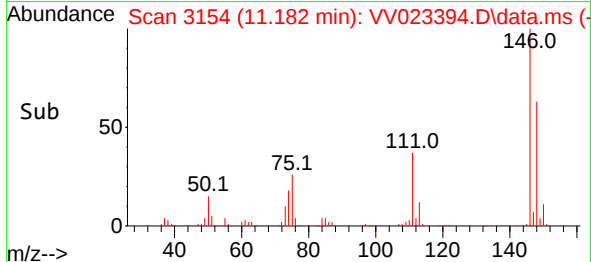
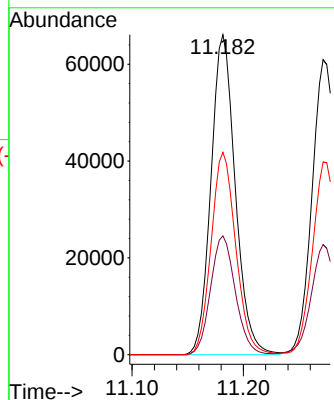
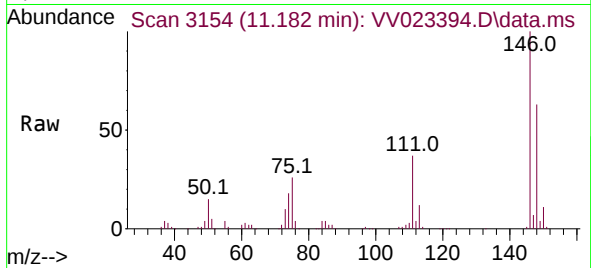




#64
1,3-Dichlorobenzene
Concen: 5.318 ug/L
RT: 11.182 min Scan# 3154
Delta R.T. 0.000 min
Lab File: VV023394.D
Acq: 11 Nov 2021 17:46

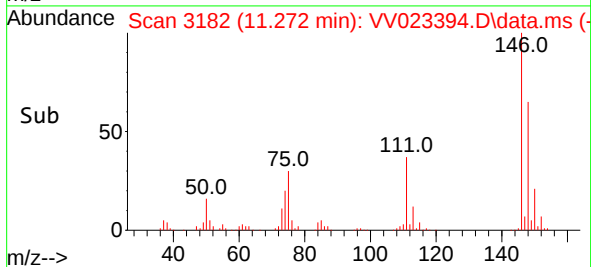
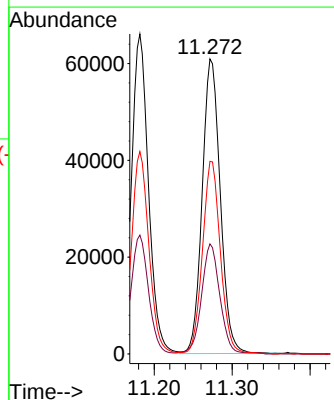
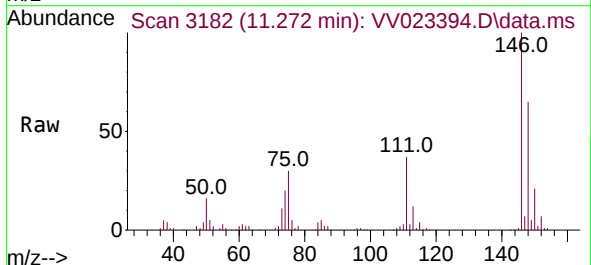
Instrument :
MSVOA_V
ClientSampleId :

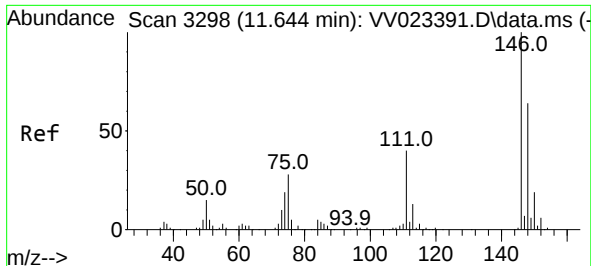
Tgt Ion:146 Resp: 100341
Ion Ratio Lower Upper
146 100
111 37.1 26.7 49.7
148 63.3 42.9 79.7



#65
1,4-Dichlorobenzene
Concen: 5.108 ug/L
RT: 11.272 min Scan# 3182
Delta R.T. -0.003 min
Lab File: VV023394.D
Acq: 11 Nov 2021 17:46

Tgt Ion:146 Resp: 98436
Ion Ratio Lower Upper
146 100
111 37.3 26.2 48.8
148 65.3 44.4 82.5

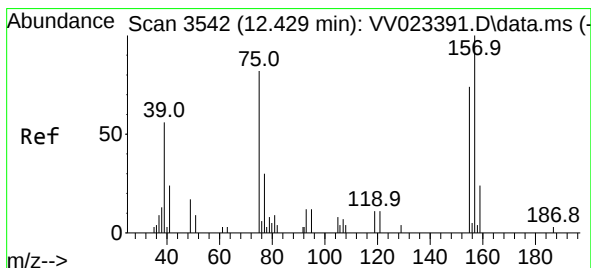
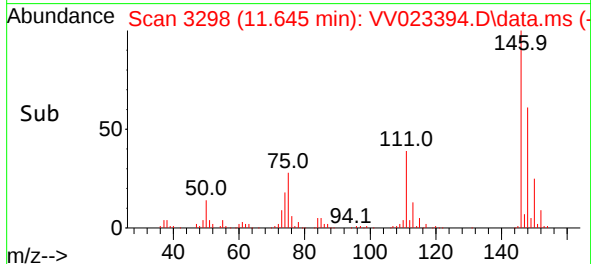
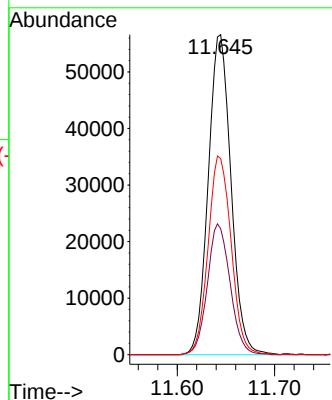
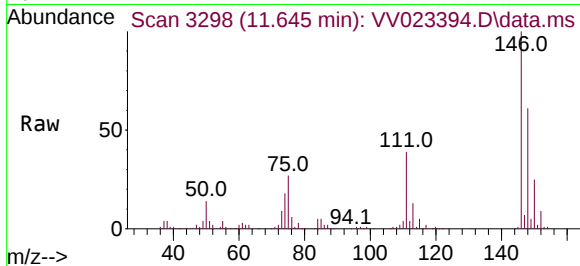




#67
1,2-Dichlorobenzene
Concen: 5.437 ug/L
RT: 11.645 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV023394.D
Acq: 11 Nov 2021 17:46

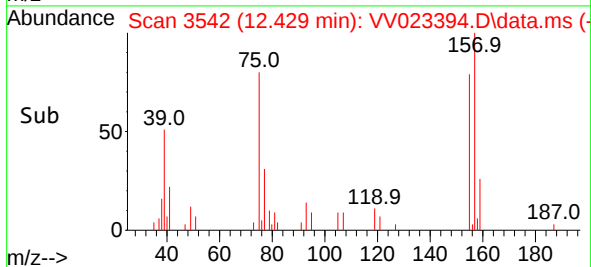
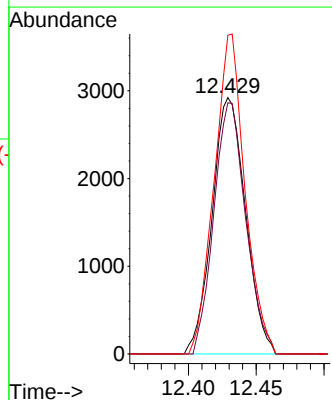
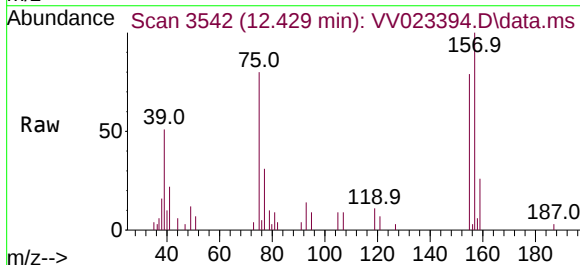
Instrument :
MSVOA_V
ClientSampleId :

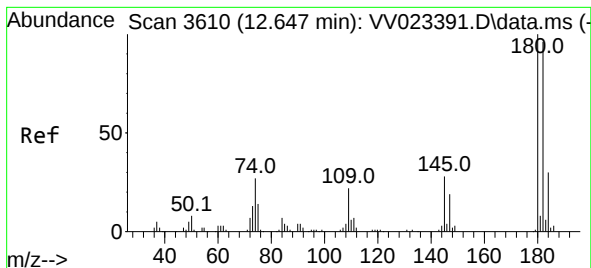
Tgt Ion:146 Resp: 91804
Ion Ratio Lower Upper
146 100
111 39.3 31.6 47.4
148 61.3 51.0 76.6



#68
1,2-Dibromo-3-chloropropane
Concen: 5.502 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. 0.000 min
Lab File: VV023394.D
Acq: 11 Nov 2021 17:46

Tgt Ion: 75 Resp: 5011
Ion Ratio Lower Upper
75 100
155 98.0 67.7 101.5
157 124.3 87.9 131.9





#69

1,3,5-Trichlorobenzene

Concen: 5.018 ug/L

RT: 12.645 min Scan# 3610

Delta R.T. -0.003 min

Lab File: VV023394.D

Acq: 11 Nov 2021 17:46

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:180 Resp: 74139

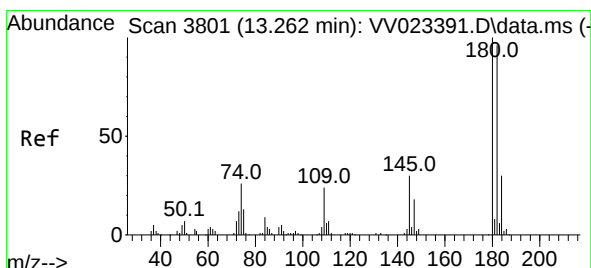
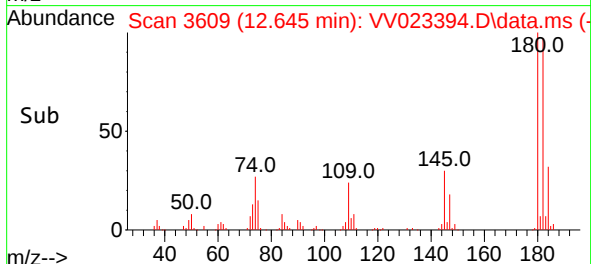
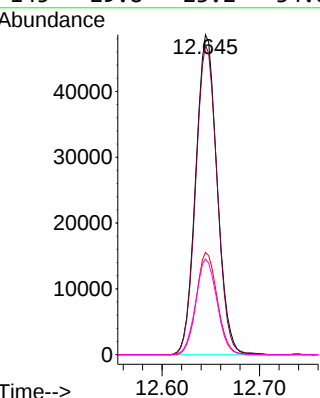
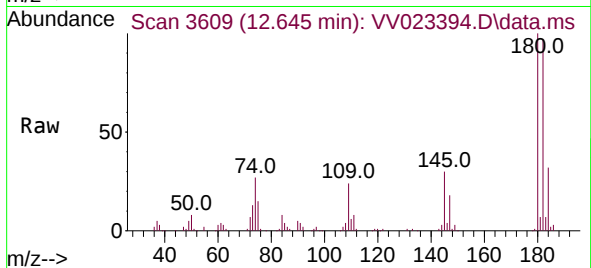
Ion Ratio Lower Upper

180 100

182 96.9 74.9 112.3

184 31.2 23.8 35.8

145 29.8 23.2 34.8



#70

1,2,4-trichlorobenzene

Concen: 4.937 ug/L

RT: 13.262 min Scan# 3801

Delta R.T. 0.000 min

Lab File: VV023394.D

Acq: 11 Nov 2021 17:46

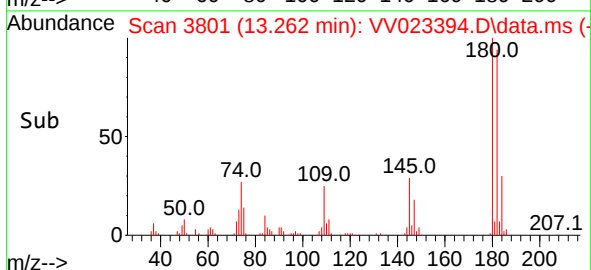
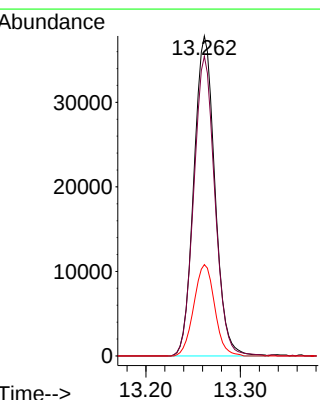
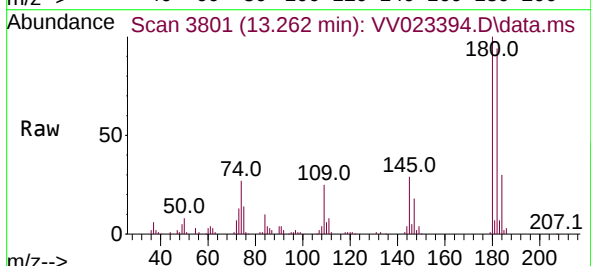
Tgt Ion:180 Resp: 58404

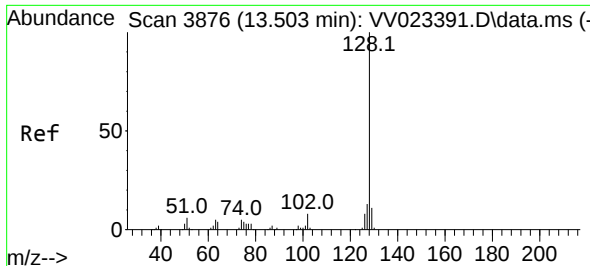
Ion Ratio Lower Upper

180 100

182 93.8 76.9 115.3

145 28.4 24.4 36.6

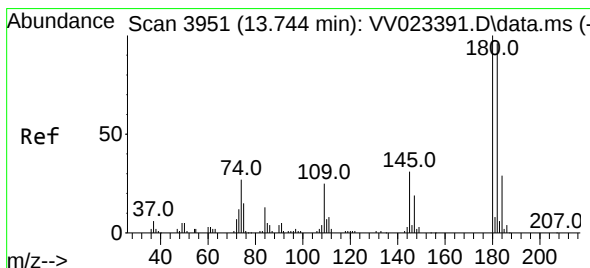
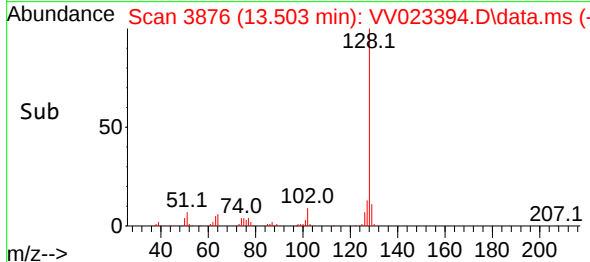
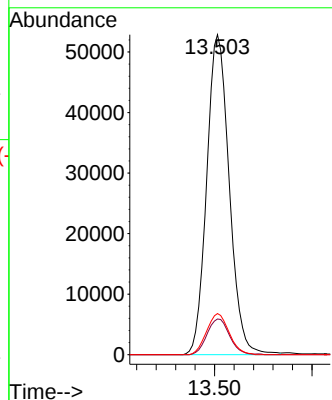
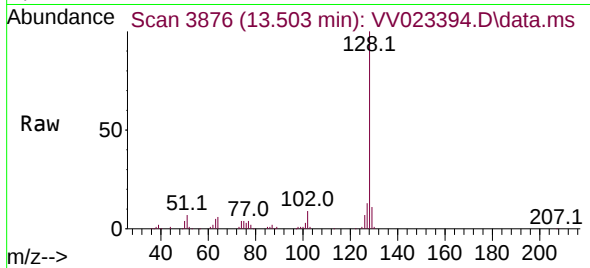




#71
Naphthalene
Concen: 4.865 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. 0.000 min
Lab File: VV023394.D
Acq: 11 Nov 2021 17:46

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:	128	Resp:	84866
Ion Ratio	Lower	Upper	
128	100		
129	11.1	8.6	13.0
127	12.8	10.5	15.7



#72
1,2,3-Trichlorobenzene
Concen: 5.073 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. 0.000 min
Lab File: VV023394.D
Acq: 11 Nov 2021 17:46

Tgt Ion:	180	Resp:	52515
Ion Ratio	Lower	Upper	
180	100		
182	96.8	76.7	115.1
145	32.0	25.7	38.5

