

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111021\
 Data File : VW023350.D
 Acq On : 10 Nov 2021 22:43
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 11 03:19:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 11 00:38:57 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	132600	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	130493	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	71792	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	37501	4.514	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.200%
7) Chloroethane-d5	1.568	69	30029	4.435	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.800%
11) 1,1-Dichloroethene-d2	2.111	63	72268	4.647	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.000%
20) 2-Butanone-d5	3.892	46	83750	58.520	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.040%
24) Chloroform-d	4.352	84	76847	4.341	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.800%
26) 1,2-Dichloroethane-d4	5.037	65	35564	4.467	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.400%
32) Benzene-d6	5.053	84	151853	4.535	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.800%
36) 1,2-Dichloropropane-d6	6.072	67	44912	4.557	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.200%
41) Toluene-d8	7.317	98	144481	4.605	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.000%
43) trans-1,3-Dichloroprop...	7.625	79	16953	4.536	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.800%
46) 2-Hexanone-d5	8.088	63	68783	50.022	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.040%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	32275	4.553	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.000%
66) 1,2-Dichlorobenzene-d4	11.625	152	54011	4.518	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	58117	4.495	ug/L	99
3) Chloromethane	1.240	50	52932	4.815	ug/L	97
5) Vinyl chloride	1.311	62	52016	4.738	ug/L	98
6) Bromomethane	1.523	94	27428	3.908	ug/L	98
8) Chloroethane	1.584	64	30721	4.849	ug/L	97
9) Trichlorofluoromethane	1.754	101	78611	4.765	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	41104	4.949	ug/L	99
12) 1,1-Dichloroethene	2.121	96	38766	4.903	ug/L	83
13) Acetone	2.182	43	58895	67.350	ug/L	89
14) Carbon disulfide	2.294	76	134175	4.496	ug/L	97
15) Methyl Acetate	2.439	43	16492	6.664	ug/L	90
16) Methylene chloride	2.507	84	48426	4.197	ug/L	97
17) Methyl tert-butyl Ether	2.770	73	93632	5.379	ug/L	97
18) trans-1,2-Dichloroethene	2.761	96	46522	4.786	ug/L	95
19) 1,1-Dichloroethane	3.192	63	79803	4.863	ug/L	97
21) 2-Butanone	3.973	43	94552	66.878	ug/L	96
22) cis-1,2-Dichloroethene	3.915	96	48329	5.166	ug/L	# 85
23) Bromochloromethane	4.253	128	21982	5.096	ug/L	83
25) Chloroform	4.378	83	86054	4.919	ug/L	100

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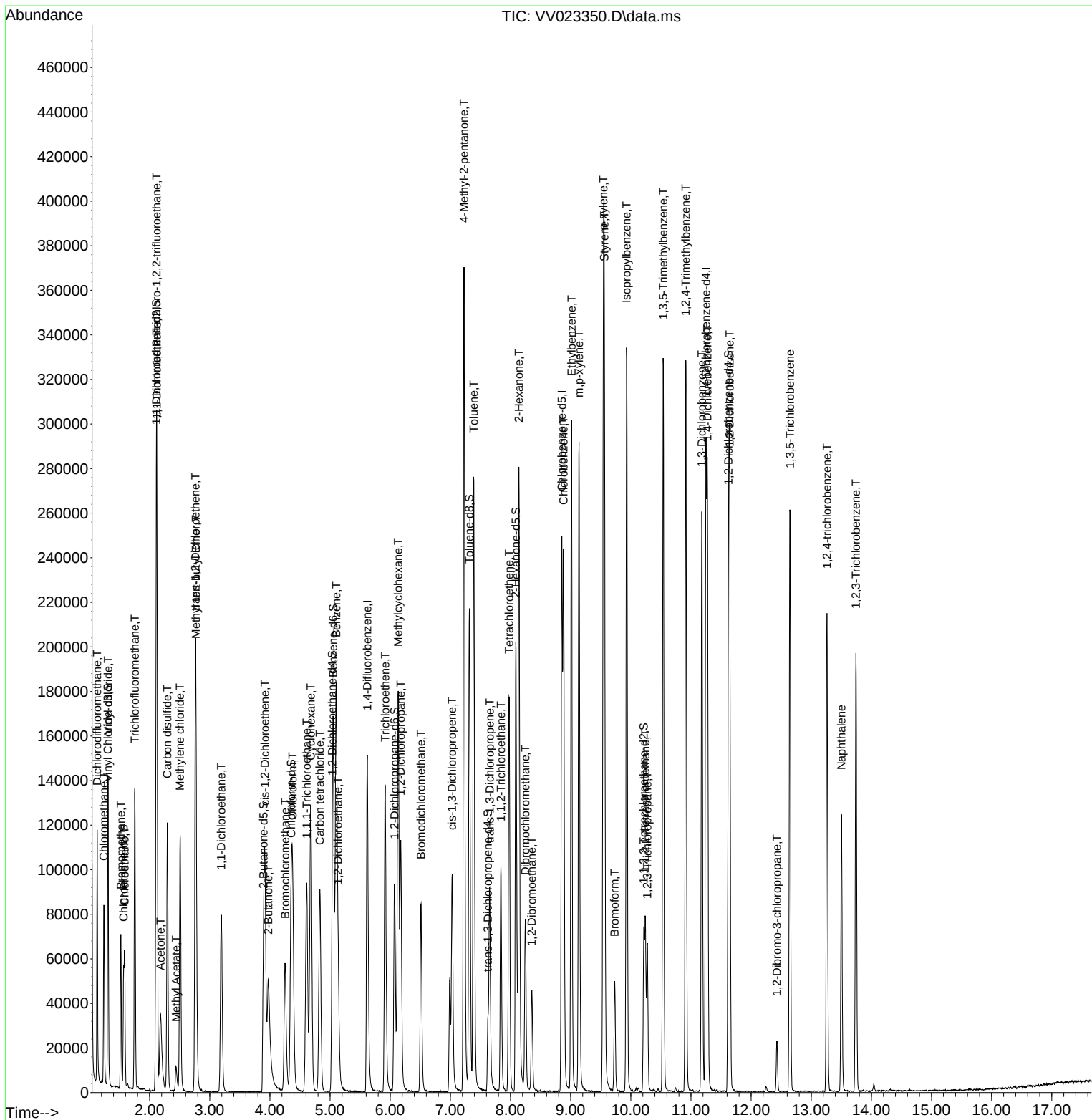
Instrument :
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 ClientSampleId :

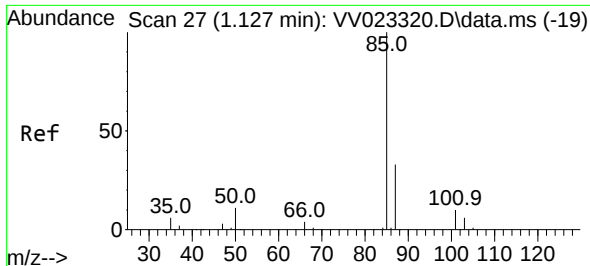
Quant Time: Nov 11 03:19:27 2021
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 11 00:38:57 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.134	62	46587	5.007	ug/L	99
29) 1,1,1-Trichloroethane	4.613	97	76862	4.850	ug/L	100
30) Cyclohexane	4.680	56	67009	4.718	ug/L	96
31) Carbon tetrachloride	4.831	117	69563	4.887	ug/L	97
33) Benzene	5.101	78	183790	5.039	ug/L	100
34) Trichloroethene	5.918	95	48103	4.959	ug/L	99
35) Methylcyclohexane	6.134	83	73131	4.777	ug/L	95
37) 1,2-Dichloropropane	6.175	63	43389	5.096	ug/L	98
38) Bromodichloromethane	6.513	83	57465	5.036	ug/L	98
39) cis-1,3-Dichloropropene	7.031	75	61240	5.000	ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	237547	60.152	ug/L	98
42) Toluene	7.388	91	201092	5.155	ug/L	95
44) trans-1,3-Dichloropropene	7.654	75	50257	4.946	ug/L	99
45) 1,1,2-Trichloroethane	7.841	97	30464	4.979	ug/L	97
47) Tetrachloroethene	7.979	164	41159	4.896	ug/L	96
48) 2-Hexanone	8.140	43	171670	62.038	ug/L	98
49) Dibromochloromethane	8.246	129	38955	5.025	ug/L	99
50) 1,2-Dibromoethane	8.355	107	30217	5.330	ug/L	99
51) Chlorobenzene	8.883	112	128218	4.945	ug/L	100
52) Ethylbenzene	9.014	91	206734	5.025	ug/L	98
53) m,p-xylene	9.140	106	83321	5.160	ug/L	98
54) o-xylene	9.545	106	79272	5.233	ug/L	99
55) Styrene	9.561	104	138022	5.319	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.243	83	36052	5.378	ug/L	97
59) Bromoform	9.731	173	22602	5.271	ug/L	99
60) Isopropylbenzene	9.931	105	210400	5.107	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	25437	5.334	ug/L	97
62) 1,3,5-Trimethylbenzene	10.542	105	173993	5.094	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	174934	5.145	ug/L	99
64) 1,3-Dichlorobenzene	11.182	146	105736	5.023	ug/L	97
65) 1,4-Dichlorobenzene	11.275	146	106564	4.957	ug/L	98
67) 1,2-Dichlorobenzene	11.645	146	96405	5.118	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	5273	5.190	ug/L	85
69) 1,3,5-Trichlorobenzene	12.648	180	79987	4.853	ug/L	97
70) 1,2,4-trichlorobenzene	13.262	180	65143	4.936	ug/L	98
71) Naphthalene	13.503	128	96303	4.948	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	59814	5.180	ug/L	99

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

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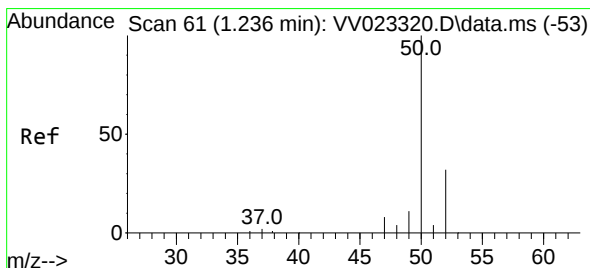
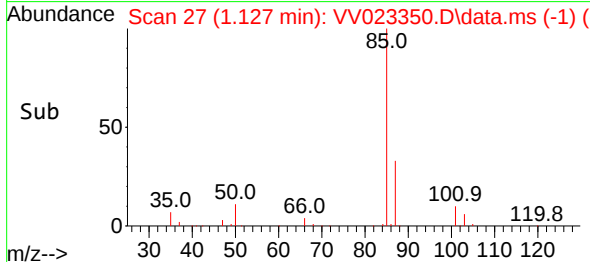
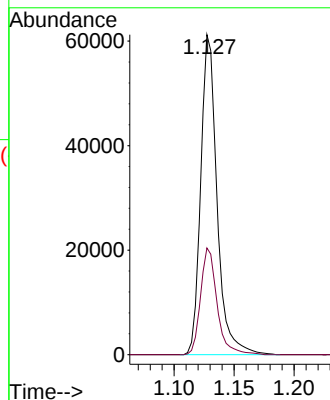
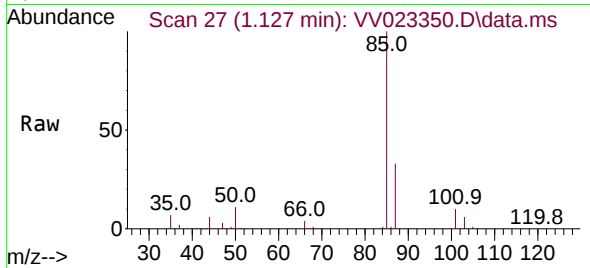




#2
 Dichlorodifluoromethane
 Concen: 4.495 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV023350.D
 Acq: 10 Nov 2021 22:43

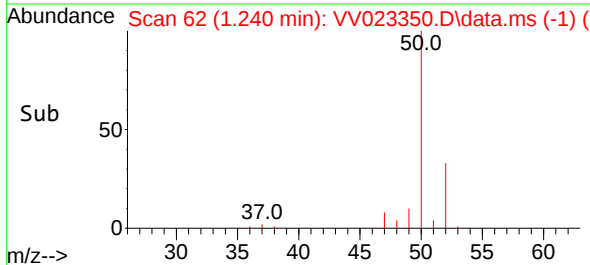
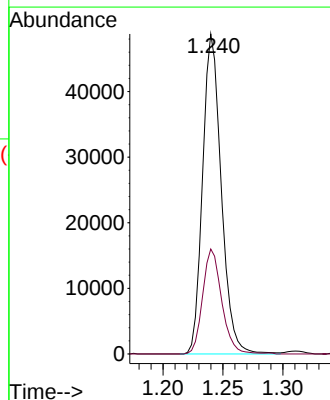
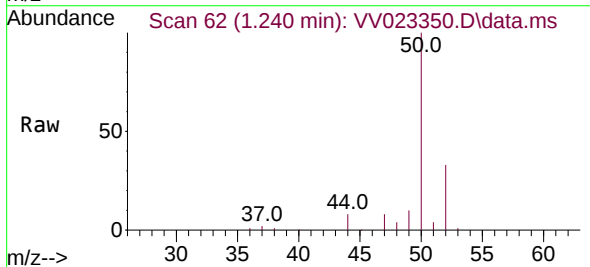
Instrument :
 MSVOA_V
 ClientSampleId :

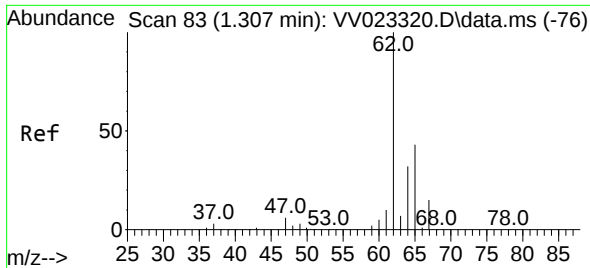
Tgt Ion: 85 Resp: 58117
 Ion Ratio Lower Upper
 85 100
 87 33.8 26.6 39.8



#3
 Chloromethane
 Concen: 4.815 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.003 min
 Lab File: VV023350.D
 Acq: 10 Nov 2021 22:43

Tgt Ion: 50 Resp: 52932
 Ion Ratio Lower Upper
 50 100
 52 32.8 24.3 45.1

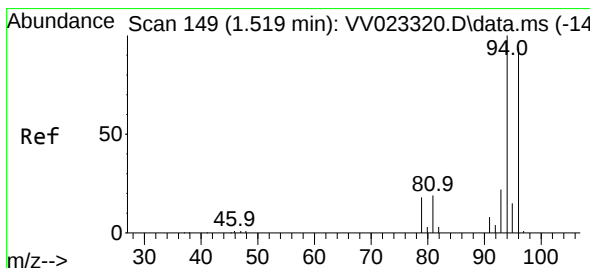
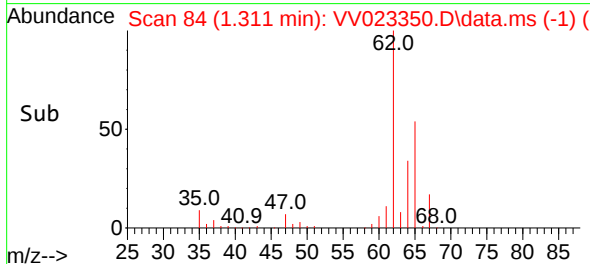
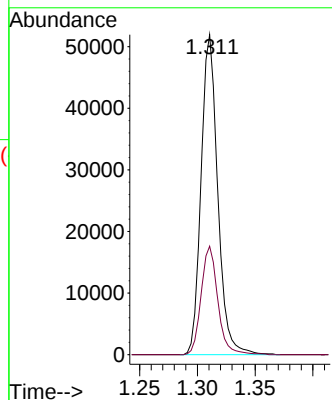
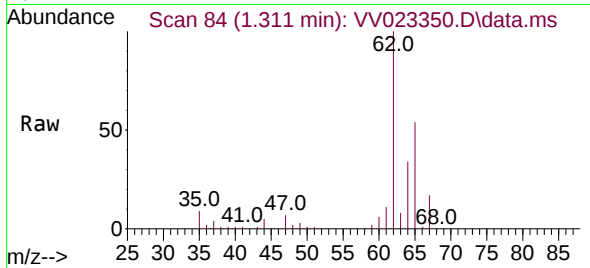




#5
 Vinyl chloride
 Concen: 4.738 ug/L
 RT: 1.311 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: VV023350.D
 Acq: 10 Nov 2021 22:43

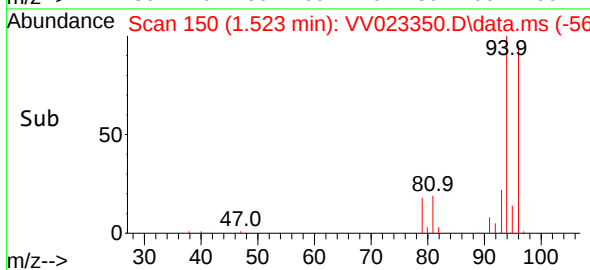
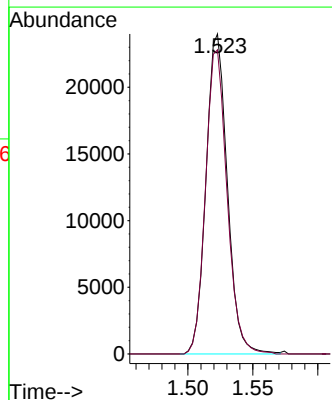
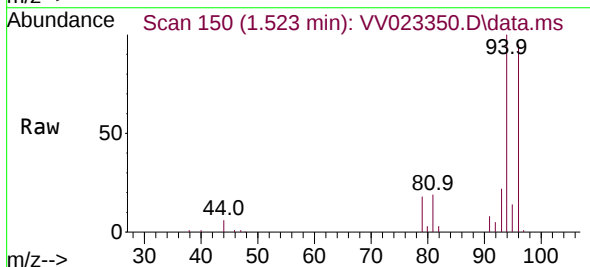
Instrument :
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 ClientSampleId :

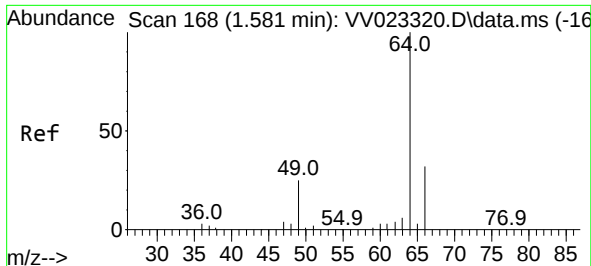
Tgt Ion: 62 Resp: 52016
 Ion Ratio Lower Upper
 62 100
 64 33.9 23.1 42.9



#6
 Bromomethane
 Concen: 3.908 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. 0.003 min
 Lab File: VV023350.D
 Acq: 10 Nov 2021 22:43

Tgt Ion: 94 Resp: 27428
 Ion Ratio Lower Upper
 94 100
 96 95.0 65.0 120.8

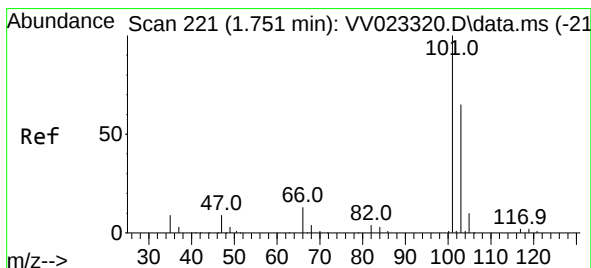
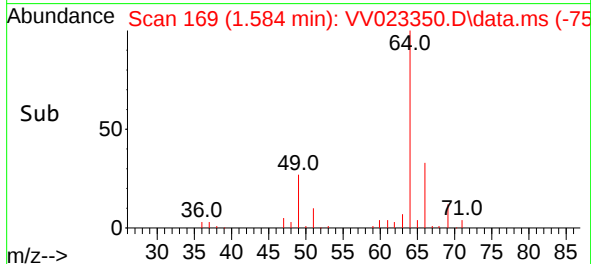
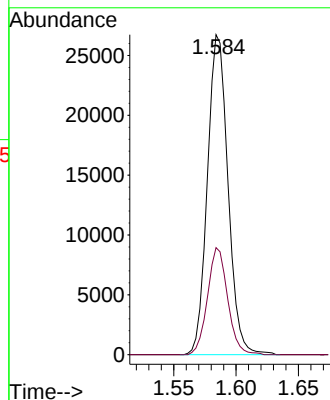
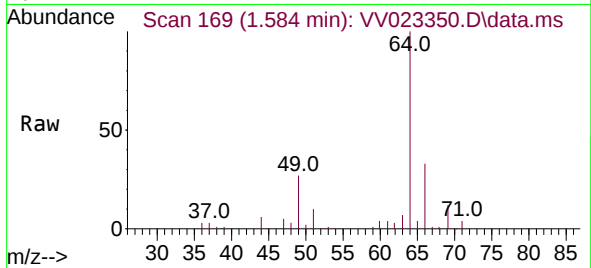




#8
Chloroethane
Concen: 4.849 ug/L
RT: 1.584 min Scan# 168
Delta R.T. 0.003 min
Lab File: VV023350.D
Acq: 10 Nov 2021 22:43

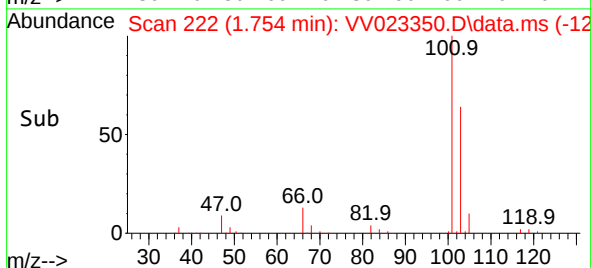
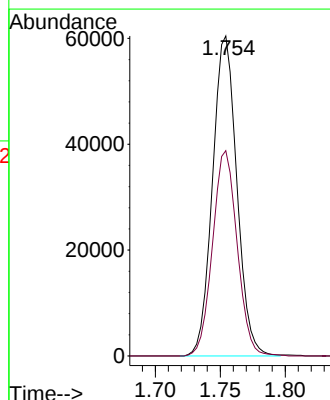
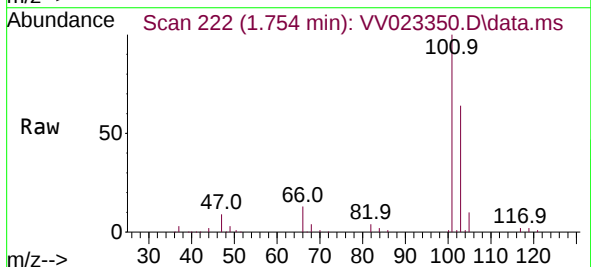
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ClientSampleId :

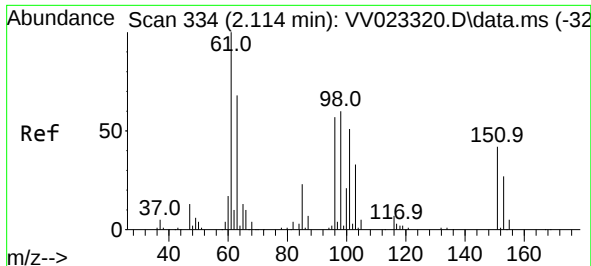
Tgt Ion: 64 Resp: 30721
Ion Ratio Lower Upper
64 100
66 33.4 22.1 41.1



#9
Trichlorofluoromethane
Concen: 4.765 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.003 min
Lab File: VV023350.D
Acq: 10 Nov 2021 22:43

Tgt Ion:101 Resp: 78611
Ion Ratio Lower Upper
101 100
103 64.8 52.6 79.0

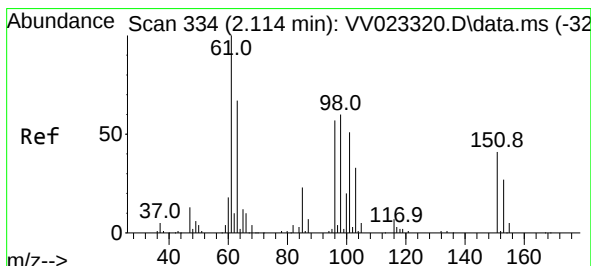
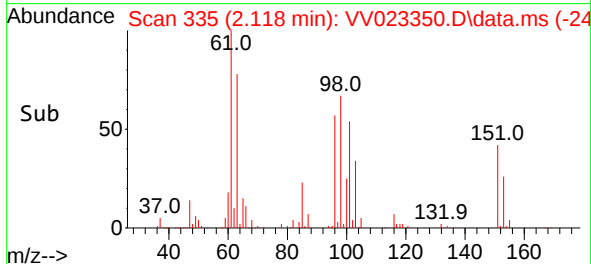
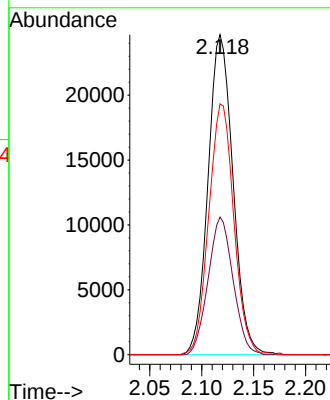
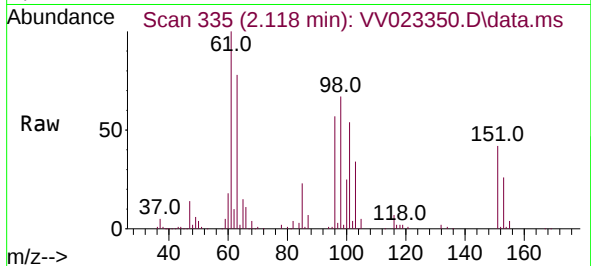




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.949 ug/L
RT: 2.118 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV023350.D
Acq: 10 Nov 2021 22:43

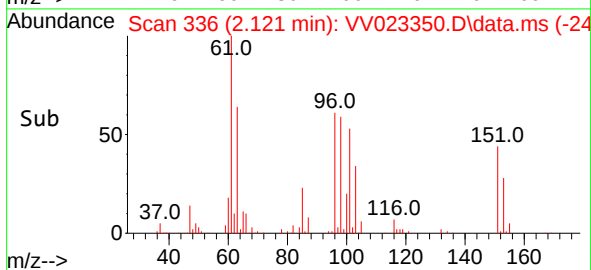
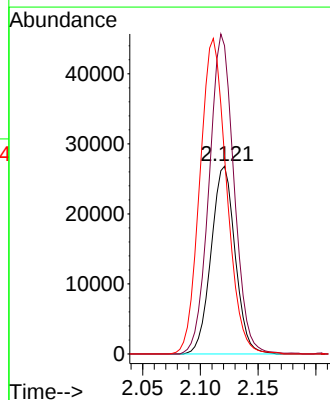
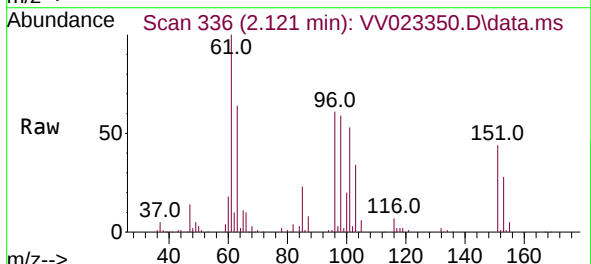
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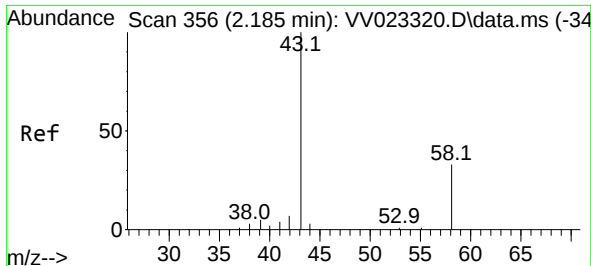
Tgt Ion:101 Resp: 41104
Ion Ratio Lower Upper
101 100
85 43.0 35.3 52.9
151 78.9 62.2 93.2



#12
1,1-Dichloroethene
Concen: 4.903 ug/L
RT: 2.121 min Scan# 336
Delta R.T. 0.007 min
Lab File: VV023350.D
Acq: 10 Nov 2021 22:43

Tgt Ion: 96 Resp: 38766
Ion Ratio Lower Upper
96 100
61 164.3 121.5 225.7
63 105.4 99.6 185.0





#13

Acetone

Concen: 67.350 ug/L

RT: 2.182 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV023350.D

Acq: 10 Nov 2021 22:43

Instrument :

MSVOA_V

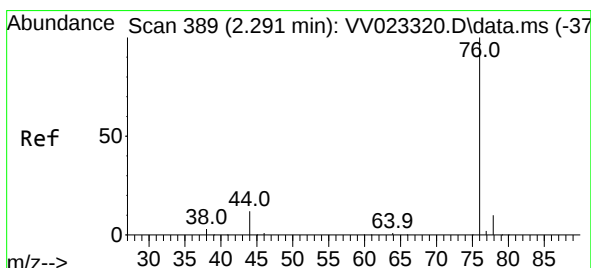
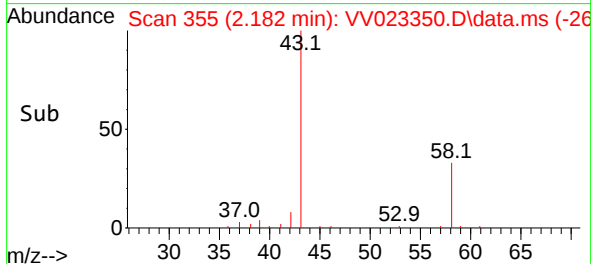
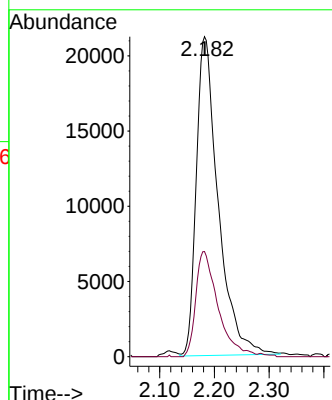
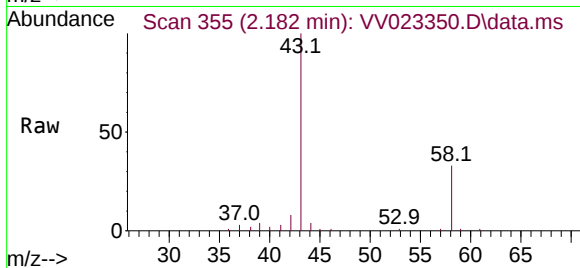
ClientSampleId :

Tgt Ion: 43 Resp: 58895

Ion Ratio Lower Upper

43 100

58 33.4 0.0 55.4



#14

Carbon disulfide

Concen: 4.496 ug/L

RT: 2.294 min Scan# 390

Delta R.T. 0.003 min

Lab File: VV023350.D

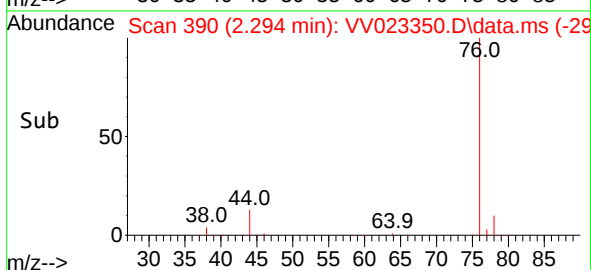
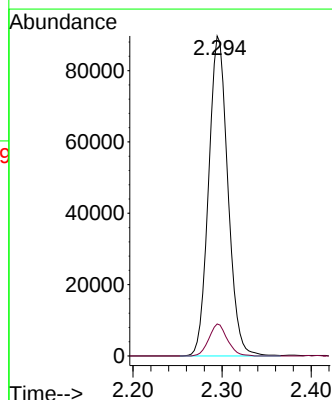
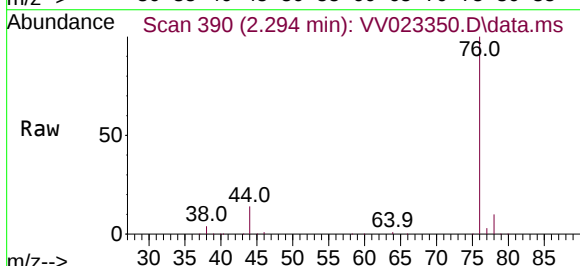
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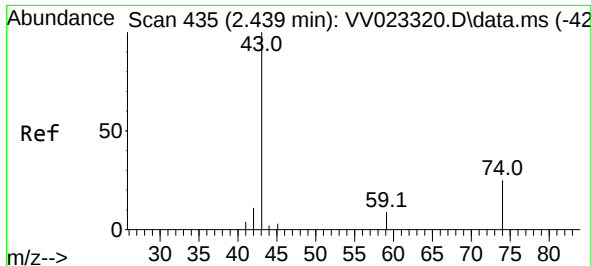
Tgt Ion: 76 Resp: 134175

Ion Ratio Lower Upper

76 100

78 10.0 7.2 10.8

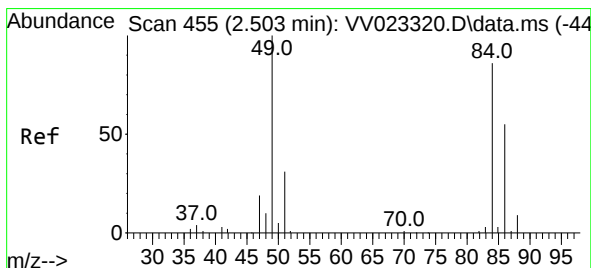
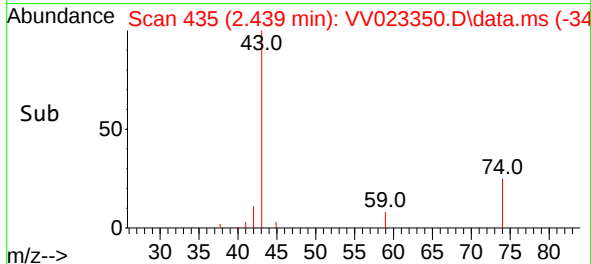
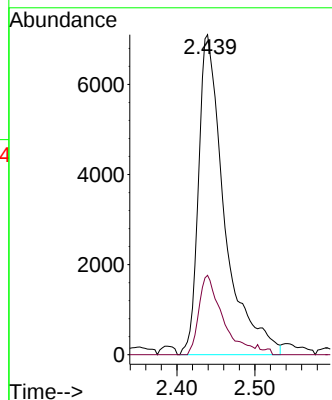
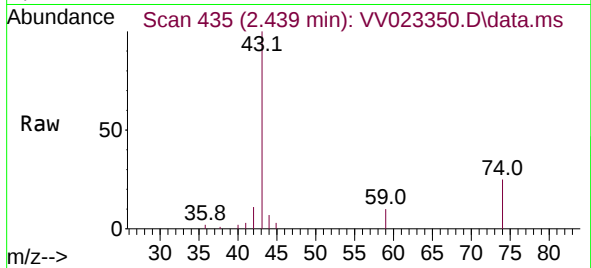




#15
Methyl Acetate
Concen: 6.664 ug/L
RT: 2.439 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV023350.D
Acq: 10 Nov 2021 22:43

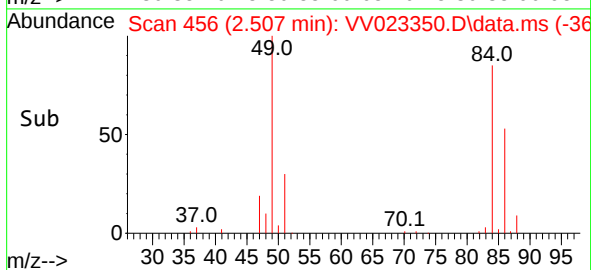
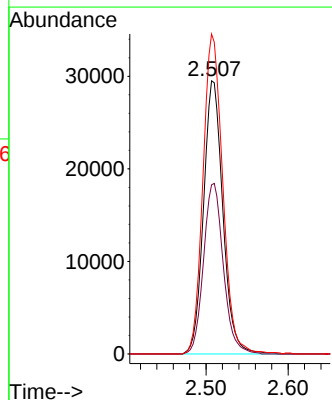
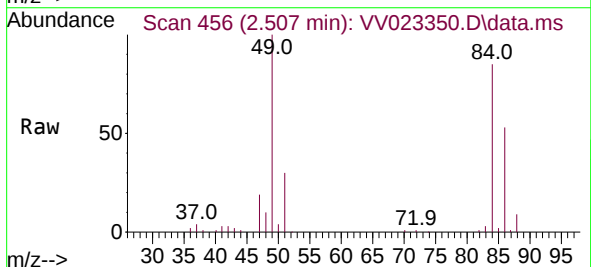
Instrument :
MSVOA_V
ClientSampleId :

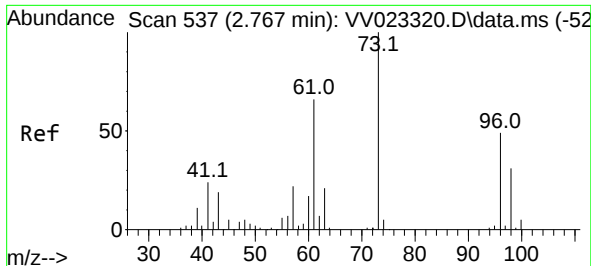
Tgt Ion: 43 Resp: 16492
Ion Ratio Lower Upper
43 100
74 22.5 22.2 33.2



#16
Methylene chloride
Concen: 4.197 ug/L
RT: 2.507 min Scan# 456
Delta R.T. 0.003 min
Lab File: VV023350.D
Acq: 10 Nov 2021 22:43

Tgt Ion: 84 Resp: 48426
Ion Ratio Lower Upper
84 100
86 61.9 42.3 78.5
49 117.2 79.7 148.1





#17

Methyl tert-butyl Ether

Concen: 5.379 ug/L

RT: 2.770 min Scan# 51

Delta R.T. 0.003 min

Lab File: VV023350.D

Acq: 10 Nov 2021 22:43

Instrument :

MSVOA_V

ClientSampleId :

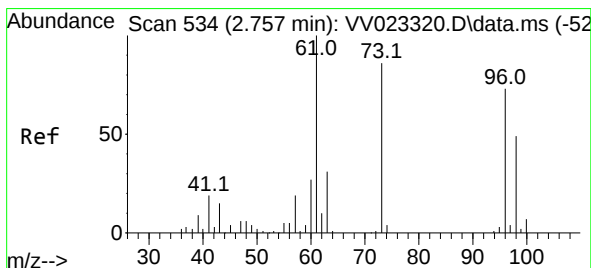
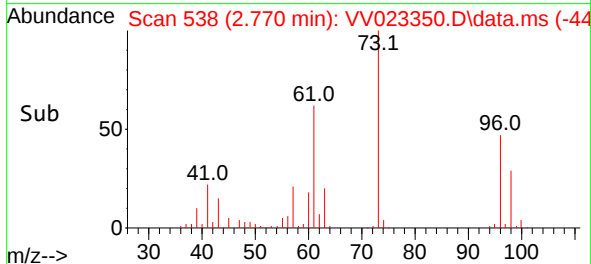
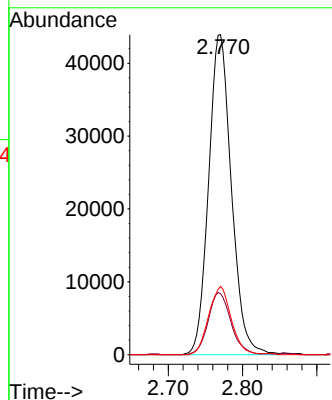
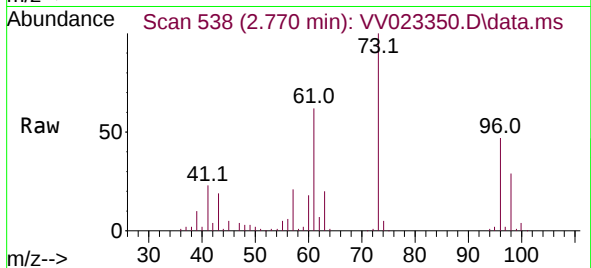
Tgt Ion: 73 Resp: 93632

Ion Ratio Lower Upper

73 100

43 19.4 17.4 26.0

57 21.0 16.5 24.7



#18

trans-1,2-Dichloroethene

Concen: 4.786 ug/L

RT: 2.761 min Scan# 535

Delta R.T. 0.003 min

Lab File: VV023350.D

Acq: 10 Nov 2021 22:43

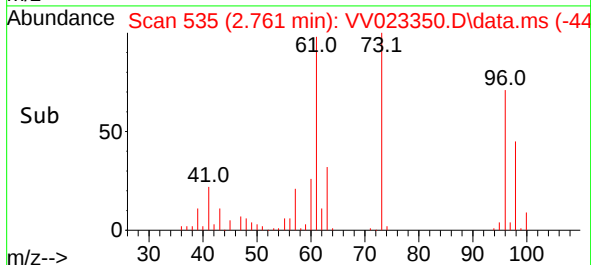
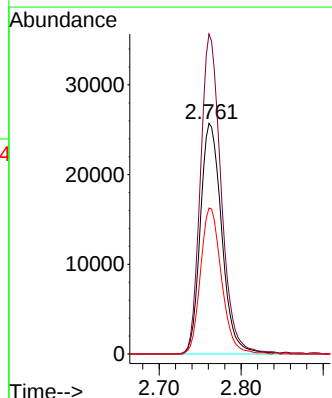
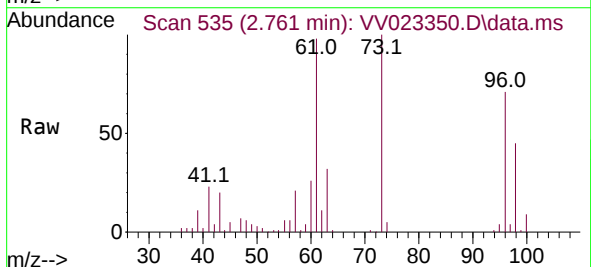
Tgt Ion: 96 Resp: 46522

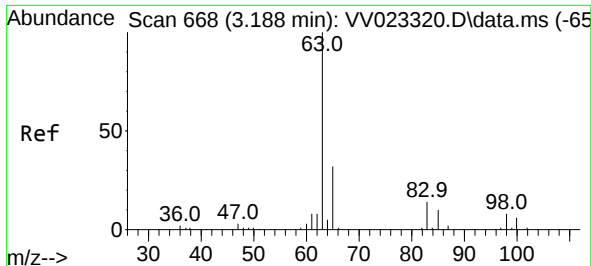
Ion Ratio Lower Upper

96 100

61 138.8 93.2 173.2

98 63.3 47.0 87.2

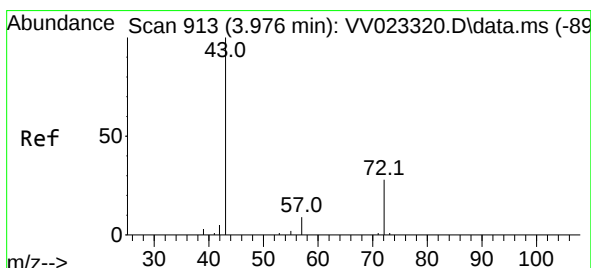
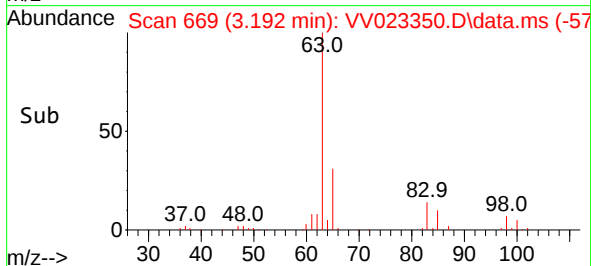
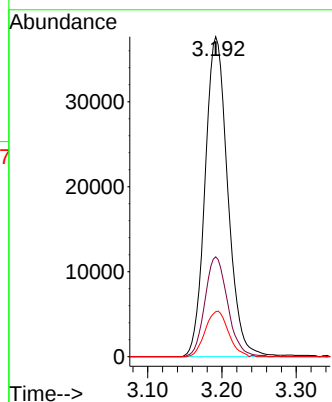
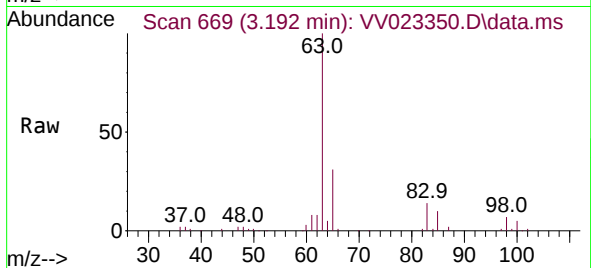




#19
1,1-Dichloroethane
Concen: 4.863 ug/L
RT: 3.192 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV023350.D
Acq: 10 Nov 2021 22:43

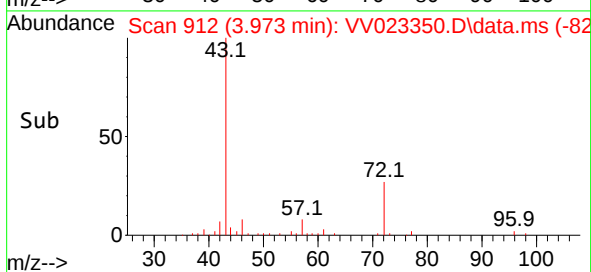
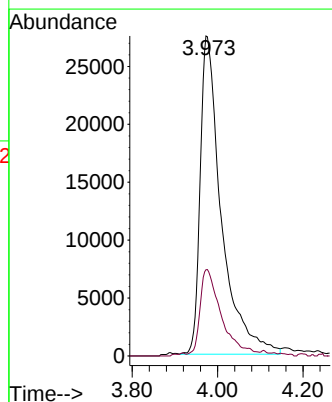
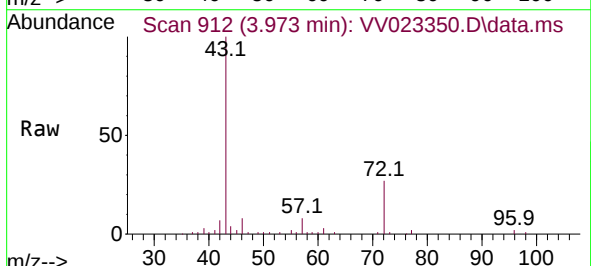
Instrument :
MSVOA_V
ClientSampleId :

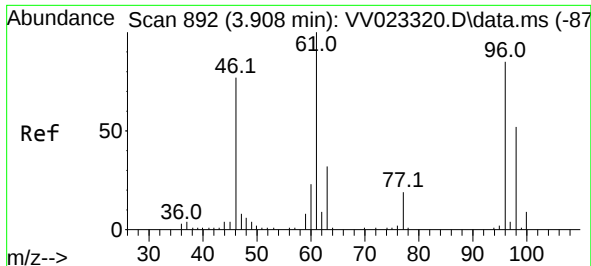
Tgt Ion: 63 Resp: 79803
Ion Ratio Lower Upper
63 100
65 31.2 22.6 42.0
83 14.0 11.1 20.7



#21
2-Butanone
Concen: 66.878 ug/L
RT: 3.973 min Scan# 912
Delta R.T. -0.003 min
Lab File: VV023350.D
Acq: 10 Nov 2021 22:43

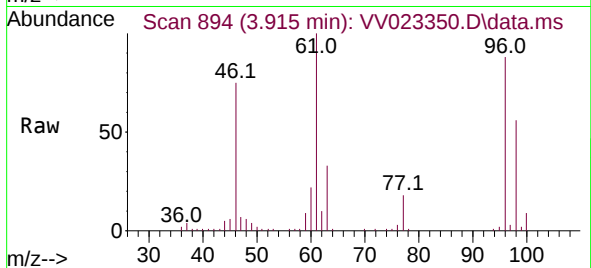
Tgt Ion: 43 Resp: 94552
Ion Ratio Lower Upper
43 100
72 25.9 11.9 35.9



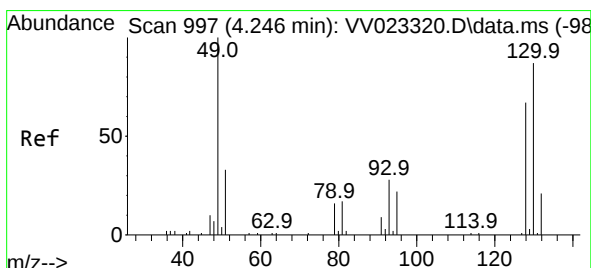
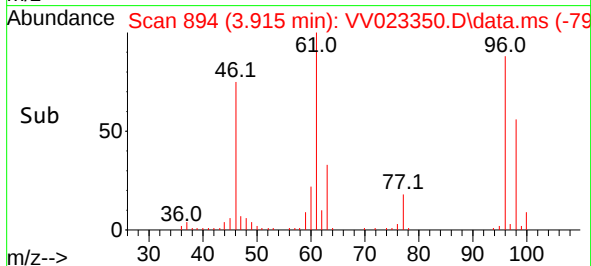
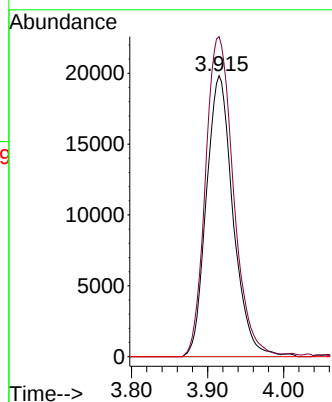


#22
 cis-1,2-Dichloroethene
 Concen: 5.166 ug/L
 RT: 3.915 min Scan# 894
 Delta R.T. 0.007 min
 Lab File: VV023350.D
 Acq: 10 Nov 2021 22:43

Instrument :
 MSVOA_V
 ClientSampleId :

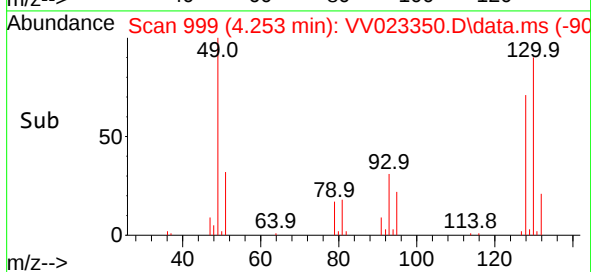
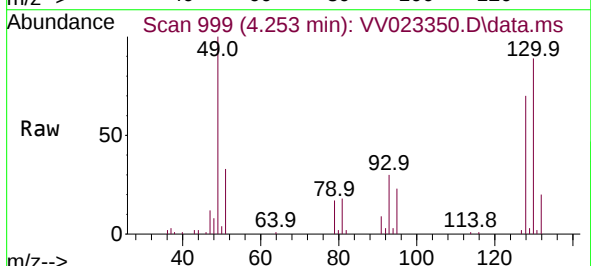
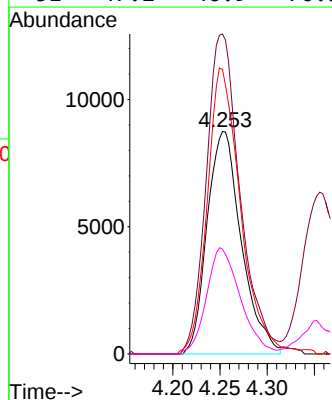


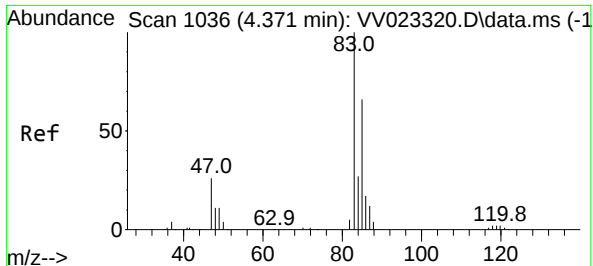
Tgt Ion: 96 Resp: 48329
 Ion Ratio Lower Upper
 96 100
 61 113.9 92.3 171.3
 68 0.0 0.4 0.8#



#23
 Bromochloromethane
 Concen: 5.096 ug/L
 RT: 4.253 min Scan# 999
 Delta R.T. 0.007 min
 Lab File: VV023350.D
 Acq: 10 Nov 2021 22:43

Tgt Ion: 128 Resp: 21982
 Ion Ratio Lower Upper
 128 100
 49 143.8 126.1 234.3
 130 127.9 95.2 176.8
 51 47.2 46.9 70.3





#25

Chloroform

Concen: 4.919 ug/L

RT: 4.378 min Scan# 1036

Delta R.T. 0.007 min

Lab File: VV023350.D

Acq: 10 Nov 2021 22:43

Instrument :

MSVOA_V

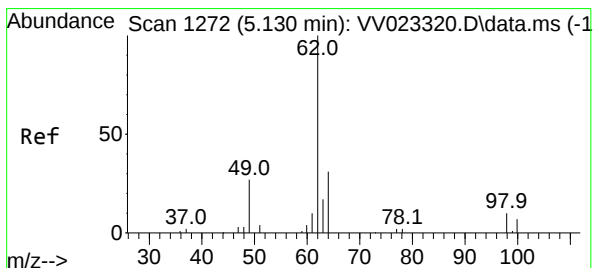
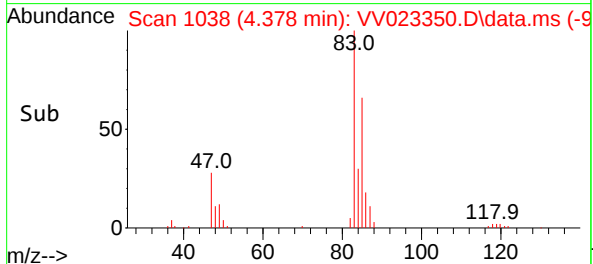
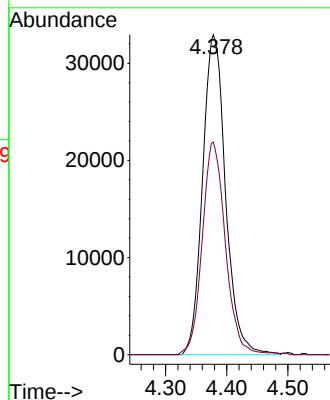
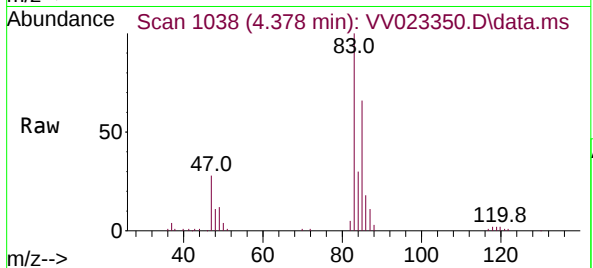
ClientSampleId :

Tgt Ion: 83 Resp: 86054

Ion Ratio Lower Upper

83 100

85 66.5 46.8 86.8



#27

1,2-Dichloroethane

Concen: 5.007 ug/L

RT: 5.134 min Scan# 1273

Delta R.T. 0.003 min

Lab File: VV023350.D

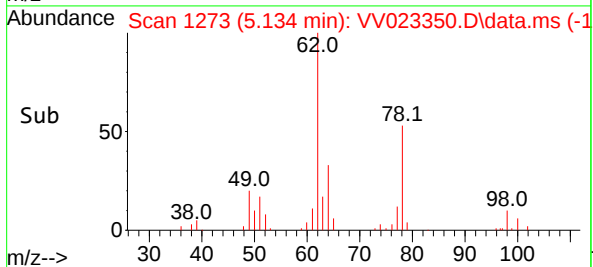
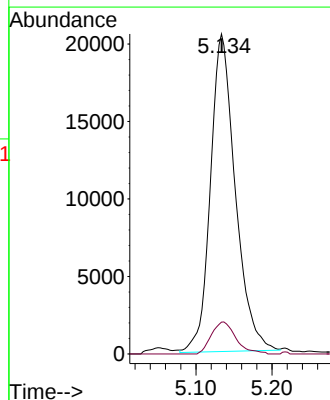
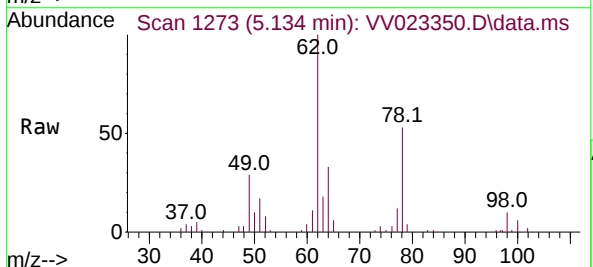
Acq: 10 Nov 2021 22:43

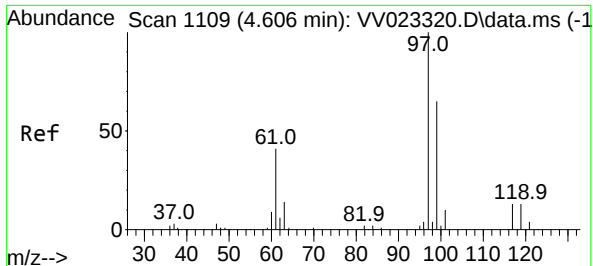
Tgt Ion: 62 Resp: 46587

Ion Ratio Lower Upper

62 100

98 9.9 8.2 12.4





#29

1,1,1-Trichloroethane

Concen: 4.850 ug/L

RT: 4.613 min Scan# 1111

Delta R.T. 0.007 min

Lab File: VV023350.D

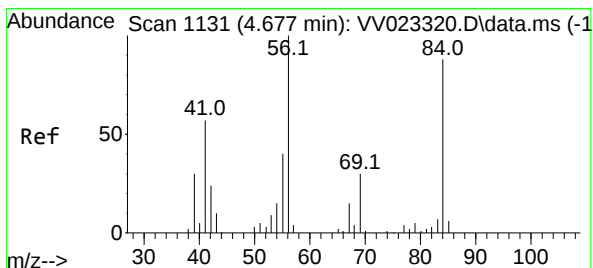
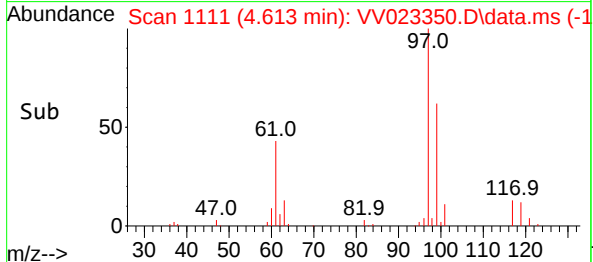
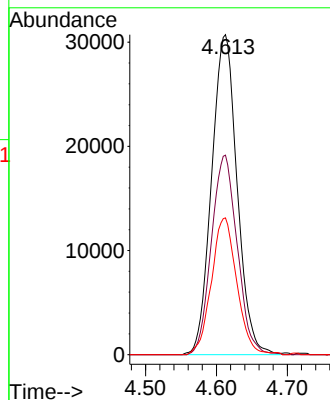
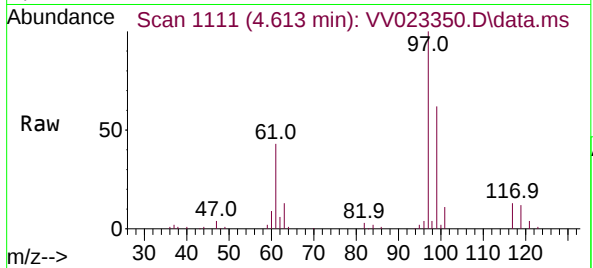
Acq: 10 Nov 2021 22:43

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	97	Resp:	76862
Ion	Ratio	Lower	Upper
97	100		
99	63.2	51.0	76.4
61	42.5	34.1	51.1



#30

Cyclohexane

Concen: 4.718 ug/L

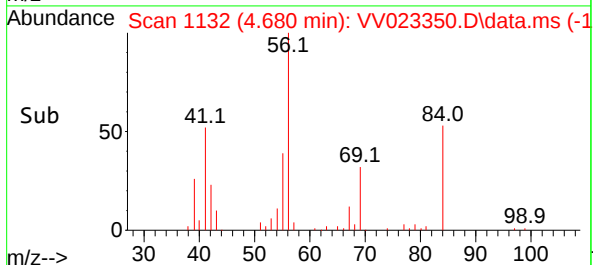
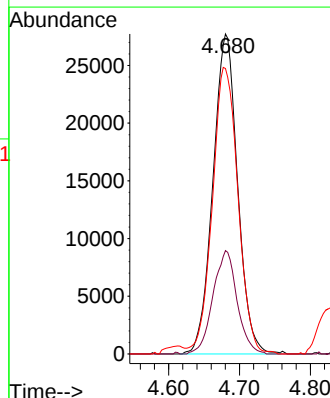
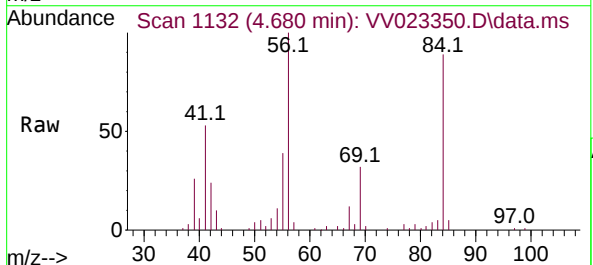
RT: 4.680 min Scan# 1132

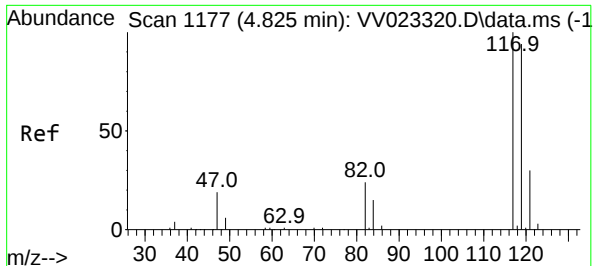
Delta R.T. 0.003 min

Lab File: VV023350.D

Acq: 10 Nov 2021 22:43

Tgt Ion:	56	Resp:	67009
Ion	Ratio	Lower	Upper
56	100		
69	31.6	23.5	35.3
84	93.0	71.6	107.4

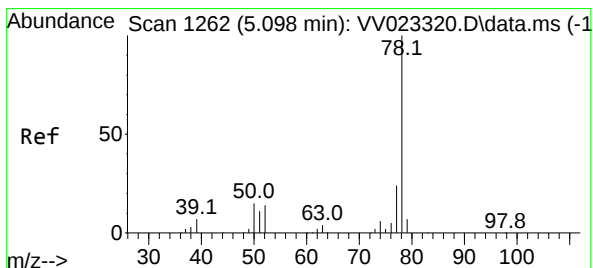
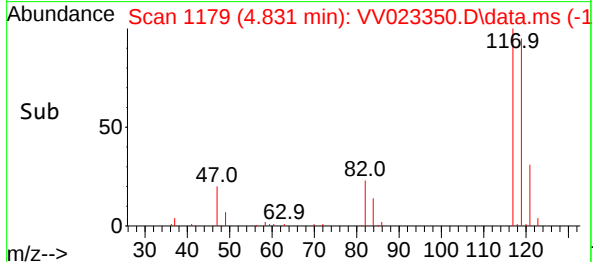
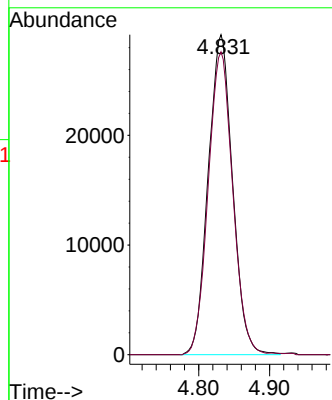
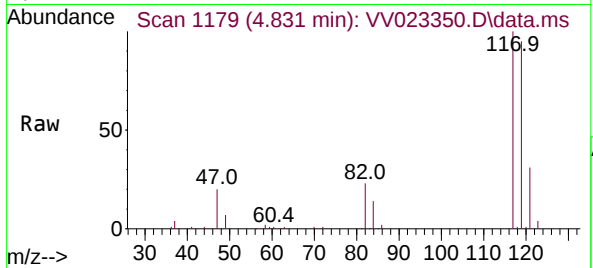




#31
Carbon tetrachloride
Concen: 4.887 ug/L
RT: 4.831 min Scan# 1177
Delta R.T. 0.007 min
Lab File: VV023350.D
Acq: 10 Nov 2021 22:43

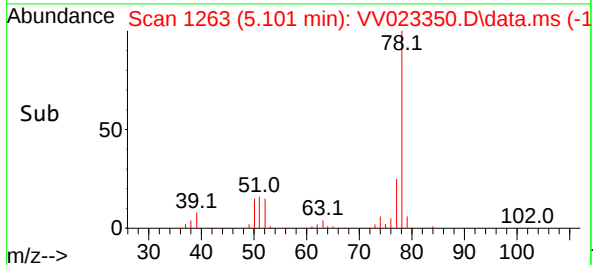
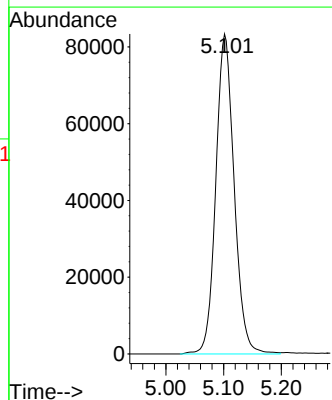
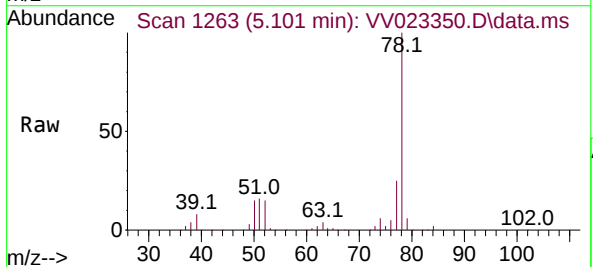
Instrument :
MSVOA_V
ClientSampleId :

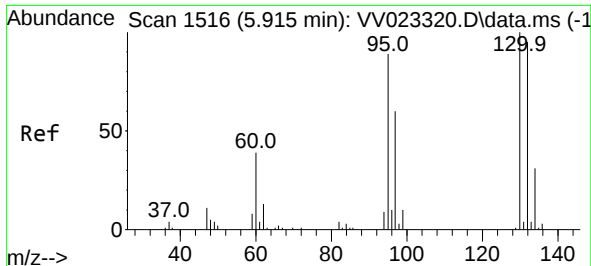
Tgt Ion:117 Resp: 69563
Ion Ratio Lower Upper
117 100
119 95.3 78.8 118.2



#33
Benzene
Concen: 5.039 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.003 min
Lab File: VV023350.D
Acq: 10 Nov 2021 22:43

Tgt Ion: 78 Resp: 183790

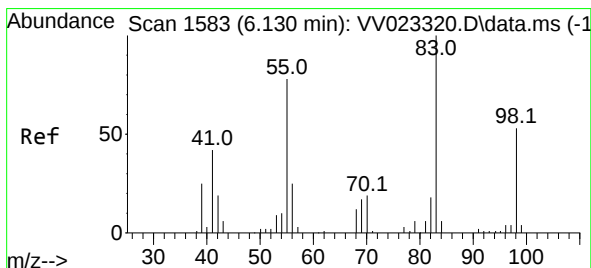
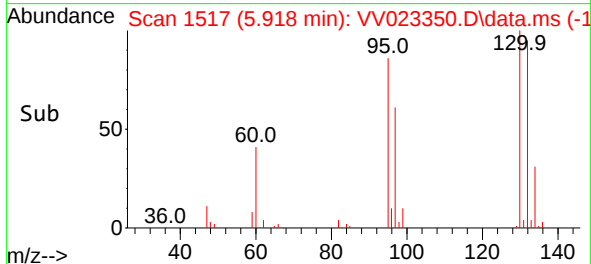
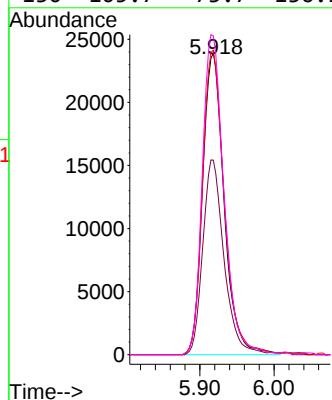
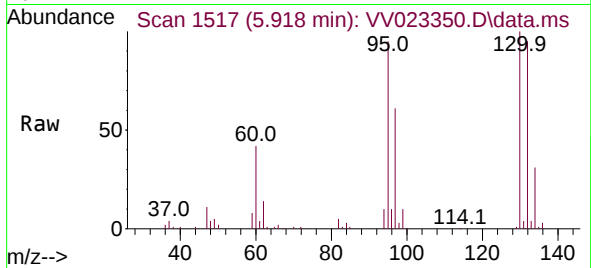




#34
Trichloroethene
Concen: 4.959 ug/L
RT: 5.918 min Scan# 1516
Delta R.T. 0.003 min
Lab File: VV023350.D
Acq: 10 Nov 2021 22:43

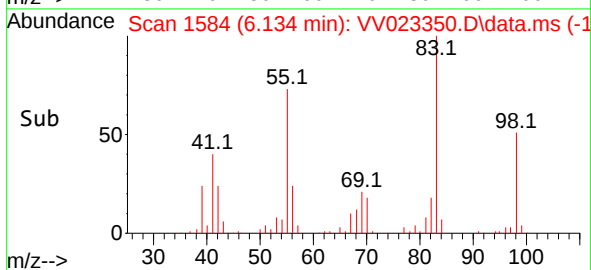
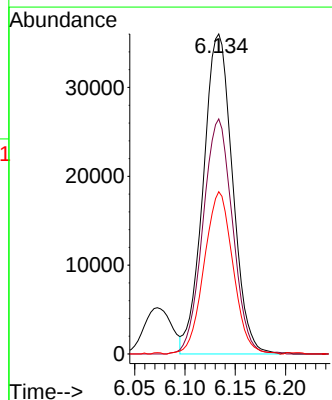
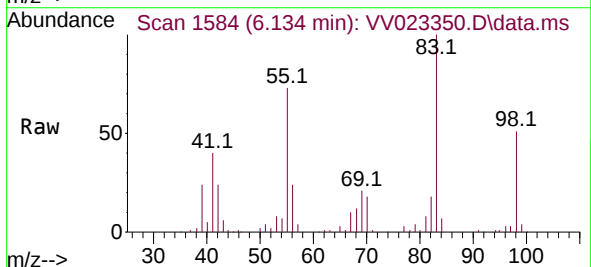
Instrument :
MSVOA_V
ClientSampleId :

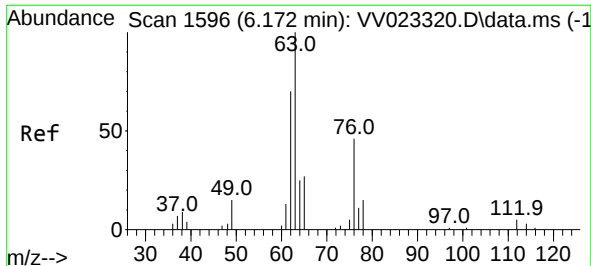
Tgt Ion: 95 Resp: 48103
Ion Ratio Lower Upper
95 100
97 64.5 45.0 83.6
132 100.9 69.7 129.4
130 105.7 73.7 136.9



#35
Methylcyclohexane
Concen: 4.777 ug/L
RT: 6.134 min Scan# 1584
Delta R.T. 0.003 min
Lab File: VV023350.D
Acq: 10 Nov 2021 22:43

Tgt Ion: 83 Resp: 73131
Ion Ratio Lower Upper
83 100
55 74.1 62.8 94.2
98 49.9 37.9 56.9





#37

1,2-Dichloropropane

Concen: 5.096 ug/L

RT: 6.175 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV023350.D

Acq: 10 Nov 2021 22:43

Instrument :

MSVOA_V

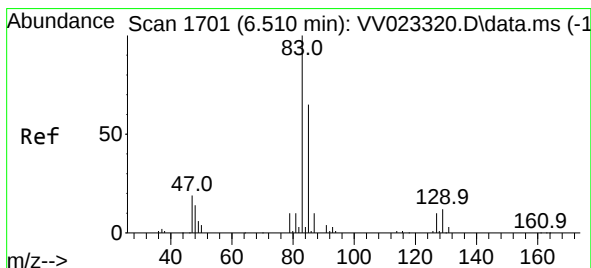
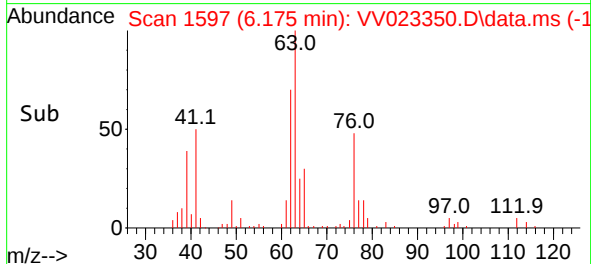
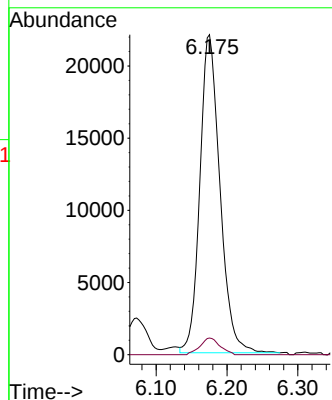
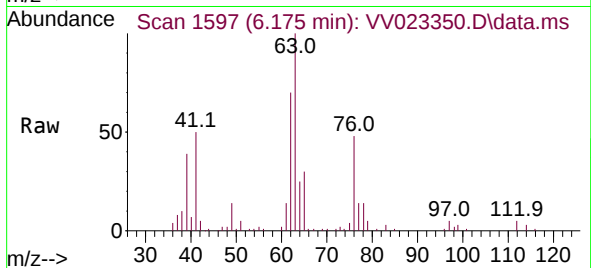
ClientSampleId :

Tgt Ion: 63 Resp: 43389

Ion Ratio Lower Upper

63 100

112 5.1 4.6 6.8



#38

Bromodichloromethane

Concen: 5.036 ug/L

RT: 6.513 min Scan# 1702

Delta R.T. 0.003 min

Lab File: VV023350.D

Acq: 10 Nov 2021 22:43

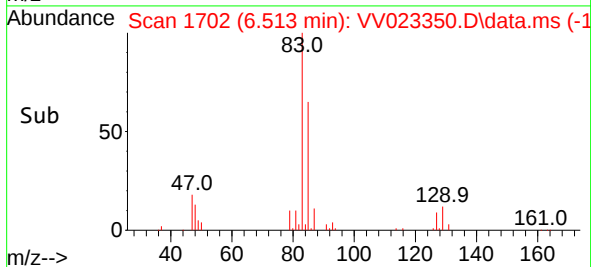
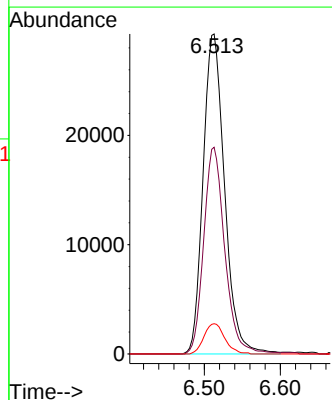
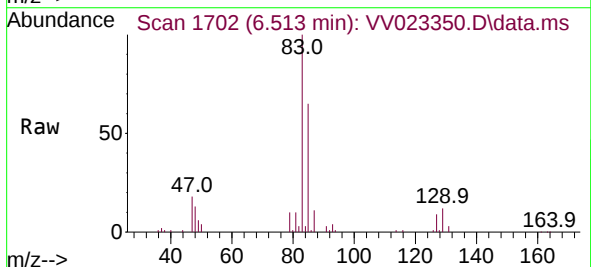
Tgt Ion: 83 Resp: 57465

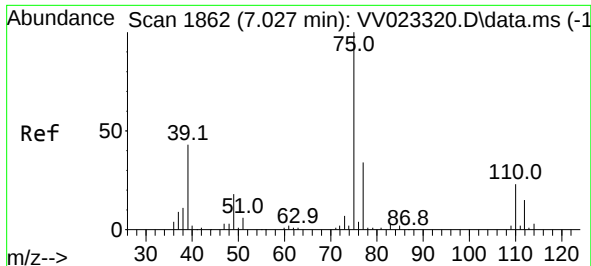
Ion Ratio Lower Upper

83 100

85 64.6 46.1 85.7

127 9.5 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 5.000 ug/L

RT: 7.031 min Scan# 1863

Delta R.T. 0.003 min

Lab File: VV023350.D

Acq: 10 Nov 2021 22:43

Instrument :

MSVOA_V

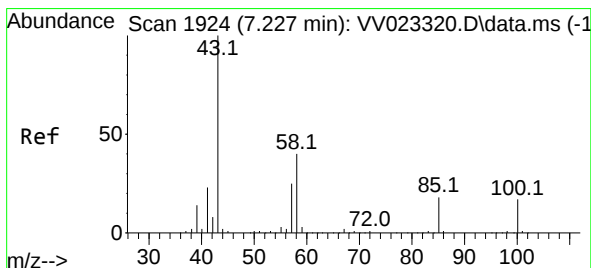
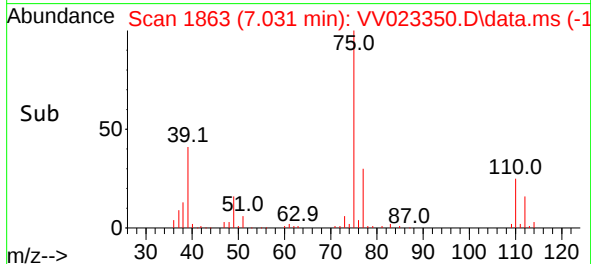
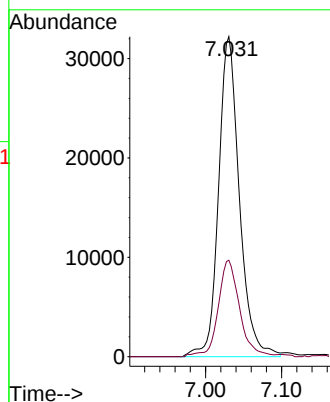
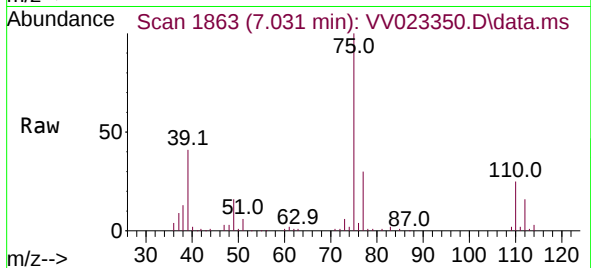
ClientSampleId :

Tgt Ion: 75 Resp: 61240

Ion Ratio Lower Upper

75 100

77 30.2 21.6 40.2



#40

4-Methyl-2-pentanone

Concen: 60.152 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VV023350.D

Acq: 10 Nov 2021 22:43

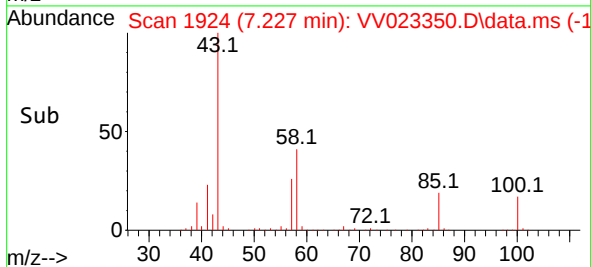
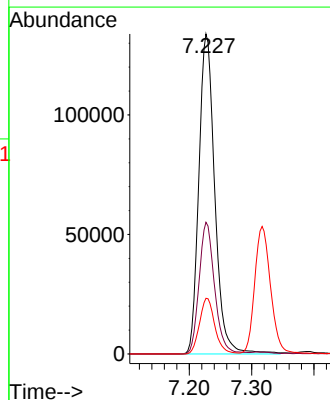
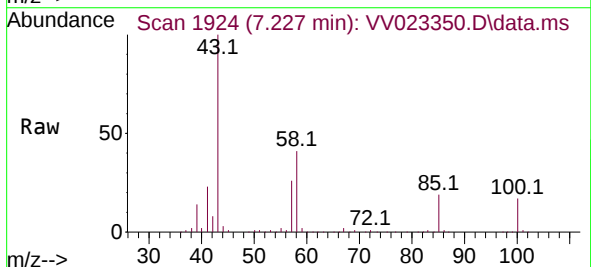
Tgt Ion: 43 Resp: 237547

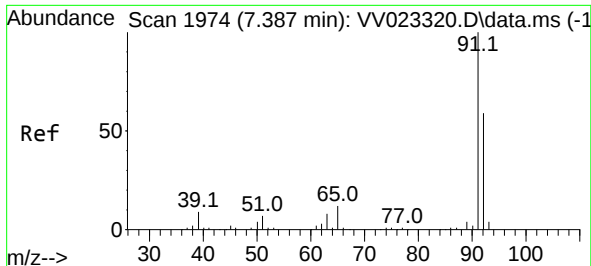
Ion Ratio Lower Upper

43 100

58 40.2 31.1 46.7

100 16.7 12.6 19.0





#42

Toluene

Concen: 5.155 ug/L

RT: 7.388 min Scan# 1974

Delta R.T. 0.000 min

Lab File: VV023350.D

Acq: 10 Nov 2021 22:43

Instrument :

MSVOA_V

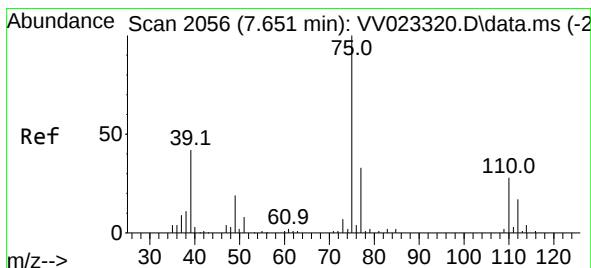
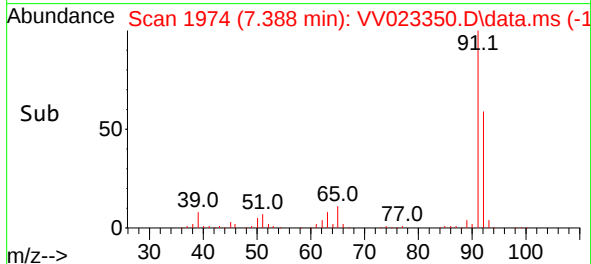
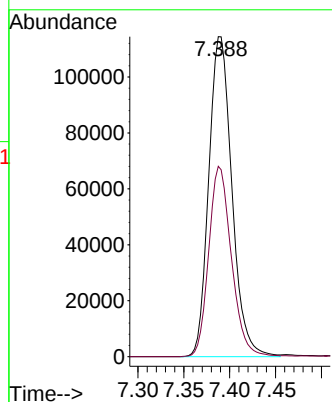
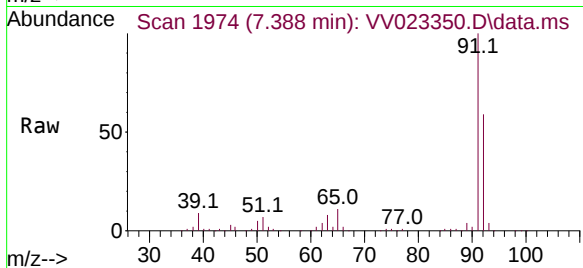
ClientSampleId :

Tgt Ion: 91 Resp: 201092

Ion Ratio Lower Upper

91 100

92 59.5 39.3 72.9



#44

trans-1,3-Dichloropropene

Concen: 4.946 ug/L

RT: 7.654 min Scan# 2057

Delta R.T. 0.003 min

Lab File: VV023350.D

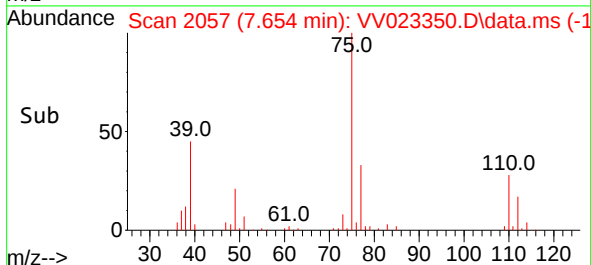
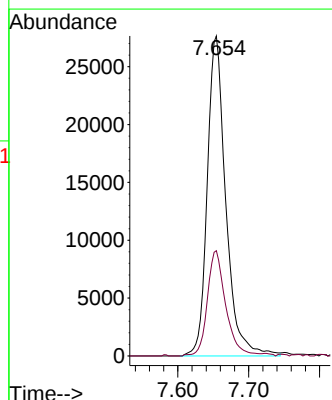
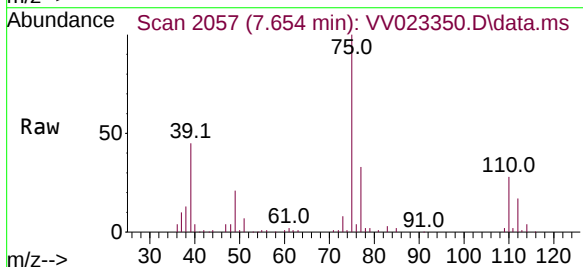
Acq: 10 Nov 2021 22:43

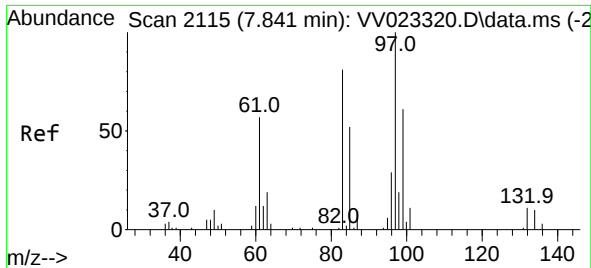
Tgt Ion: 75 Resp: 50257

Ion Ratio Lower Upper

75 100

77 32.9 22.5 41.7

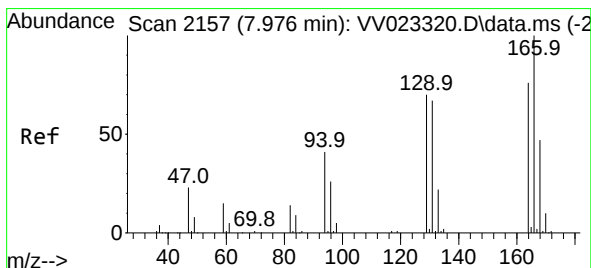
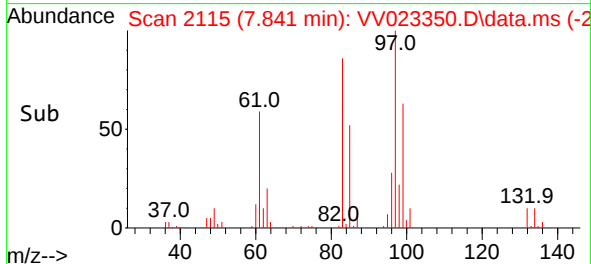
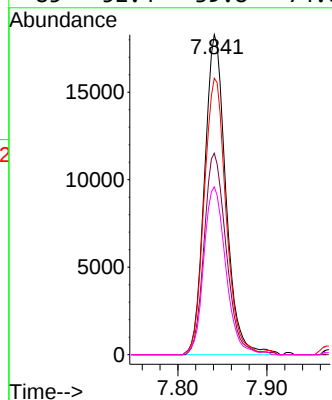
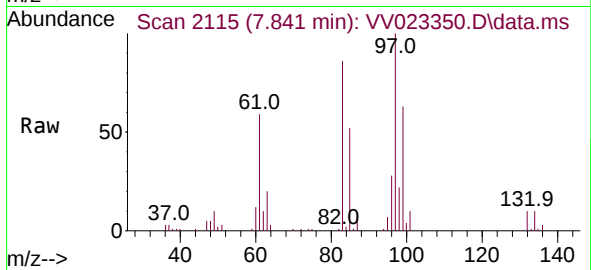




#45
1,1,2-Trichloroethane
Concen: 4.979 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. 0.000 min
Lab File: VV023350.D
Acq: 10 Nov 2021 22:43

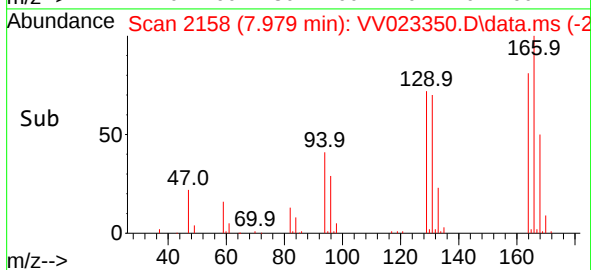
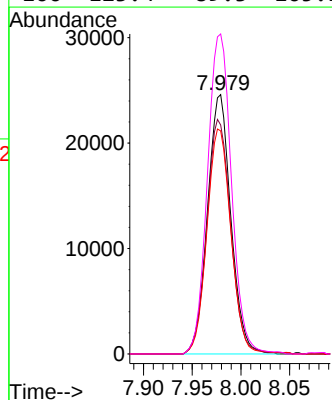
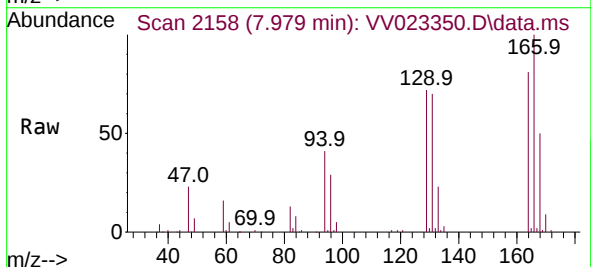
Instrument :
MSVOA_V
ClientSampleId :

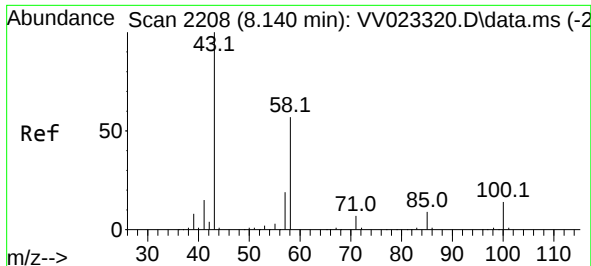
Tgt Ion: 97	Resp: 30464
Ion Ratio	Lower Upper
97 100	
99 63.0	43.6 81.0
83 86.4	58.4 108.4
85 52.4	39.8 74.0



#47
Tetrachloroethene
Concen: 4.896 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.003 min
Lab File: VV023350.D
Acq: 10 Nov 2021 22:43

Tgt Ion:164	Resp: 41159		
Ion	Ratio	Lower	Upper
164	100		
129	88.3	64.0	119.0
131	86.0	63.4	117.8
166	123.4	89.3	165.9

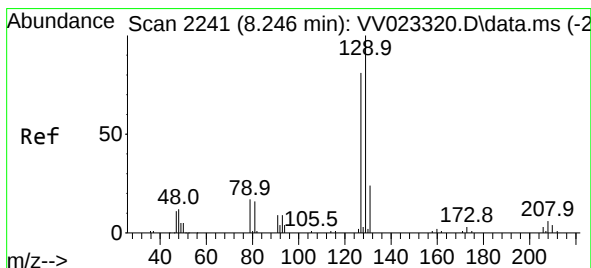
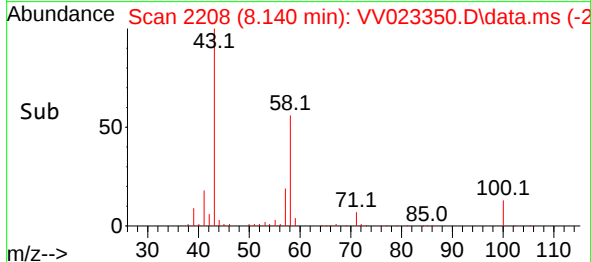
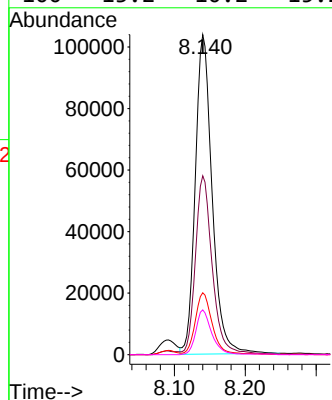
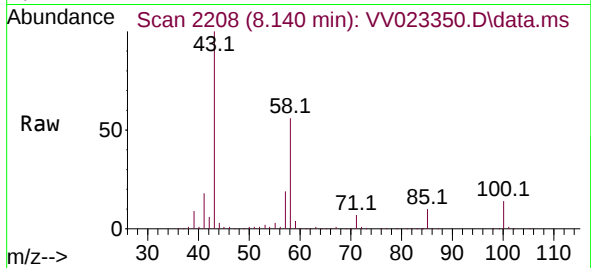




#48
2-Hexanone
Concen: 62.038 ug/L
RT: 8.140 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV023350.D
Acq: 10 Nov 2021 22:43

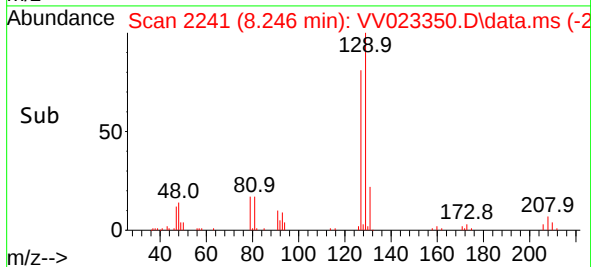
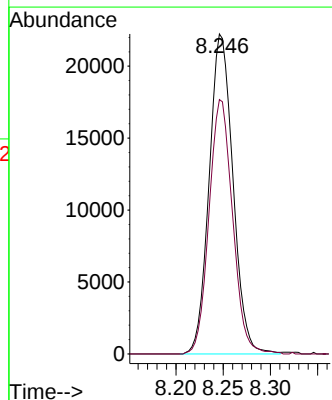
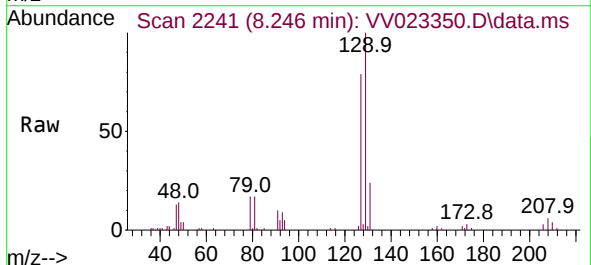
Instrument :
MSVOA_V
ClientSampleId :

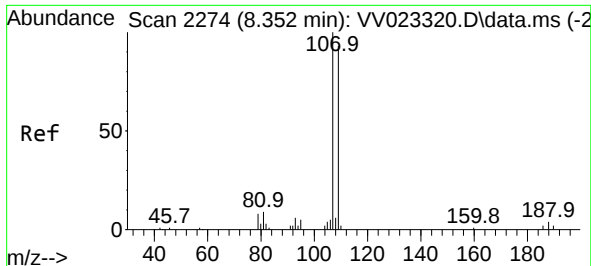
Tgt Ion: 43 Resp: 171670
Ion Ratio Lower Upper
43 100
58 55.8 43.7 65.5
57 18.7 14.1 21.1
100 13.2 10.2 15.2



#49
Dibromochloromethane
Concen: 5.025 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VV023350.D
Acq: 10 Nov 2021 22:43

Tgt Ion: 129 Resp: 38955
Ion Ratio Lower Upper
129 100
127 79.5 54.7 101.7





#50

1,2-Dibromoethane

Concen: 5.330 ug/L

RT: 8.355 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV023350.D

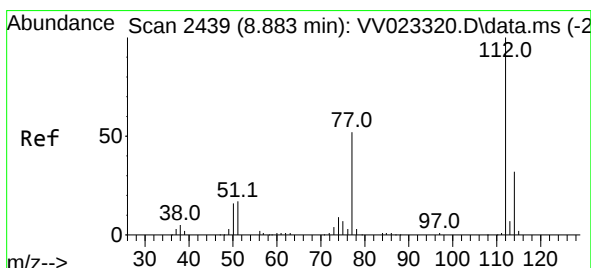
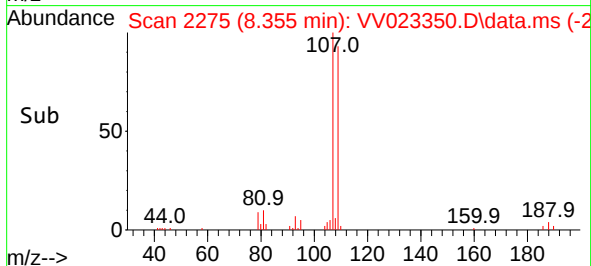
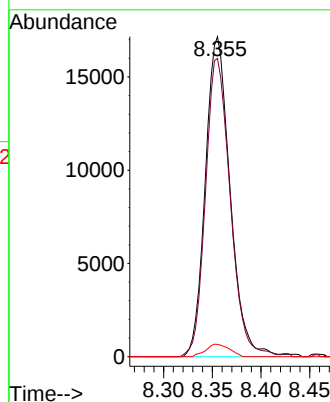
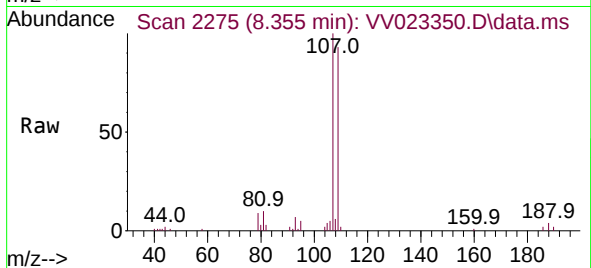
Acq: 10 Nov 2021 22:43

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	107	Resp:	30217
Ion	Ratio	Lower	Upper
107	100		
109	93.2	64.7	120.1
188	3.9	3.6	5.4



#51

Chlorobenzene

Concen: 4.945 ug/L

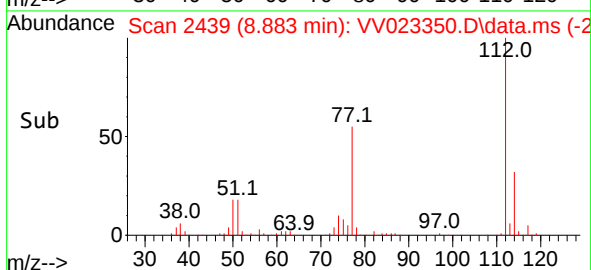
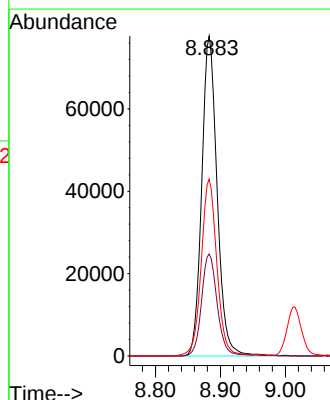
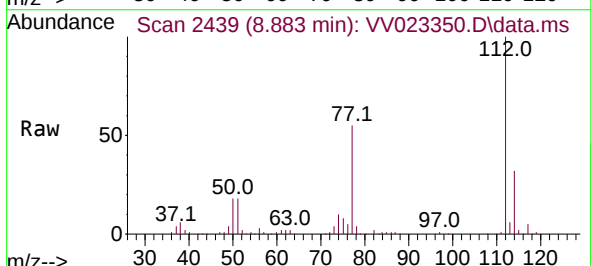
RT: 8.883 min Scan# 2439

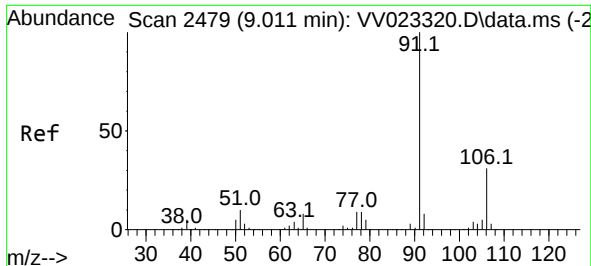
Delta R.T. 0.000 min

Lab File: VV023350.D

Acq: 10 Nov 2021 22:43

Tgt Ion:	112	Resp:	128218
Ion	Ratio	Lower	Upper
112	100		
114	31.8	22.0	40.8
77	55.3	44.4	66.6





#52

Ethylbenzene

Concen: 5.025 ug/L

RT: 9.014 min Scan# 2479

Delta R.T. 0.003 min

Lab File: VV023350.D

Acq: 10 Nov 2021 22:43

Instrument :

MSVOA_V

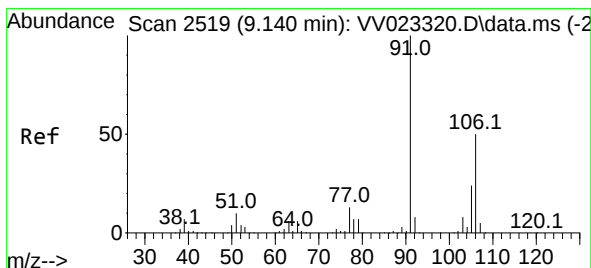
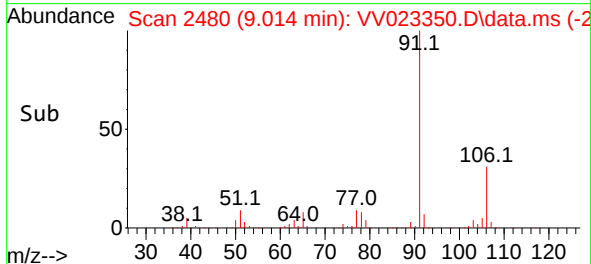
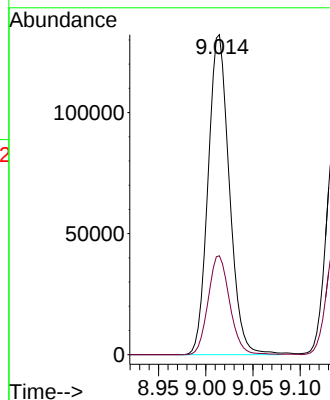
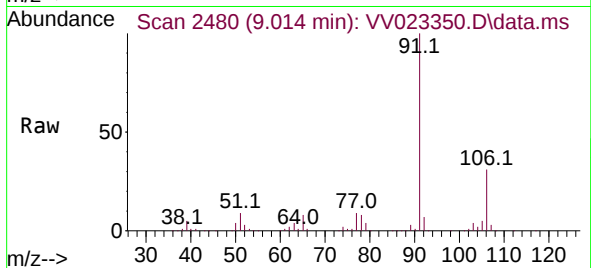
ClientSampleId :

Tgt Ion: 91 Resp: 206734

Ion Ratio Lower Upper

91 100

106 30.9 22.5 41.9



#53

m,p-xylene

Concen: 5.160 ug/L

RT: 9.140 min Scan# 2519

Delta R.T. 0.000 min

Lab File: VV023350.D

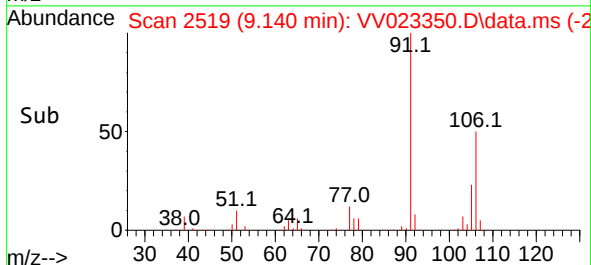
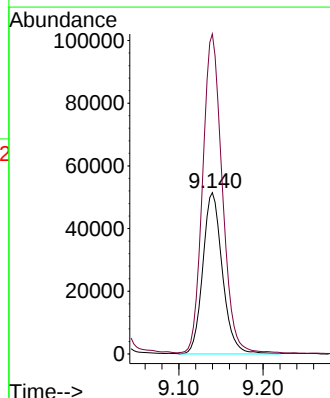
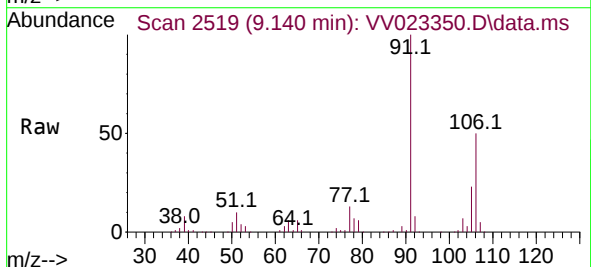
Acq: 10 Nov 2021 22:43

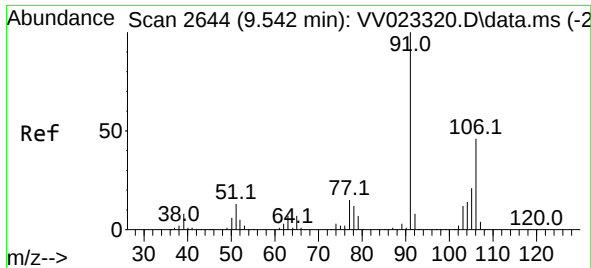
Tgt Ion: 106 Resp: 83321

Ion Ratio Lower Upper

106 100

91 198.3 137.2 254.8

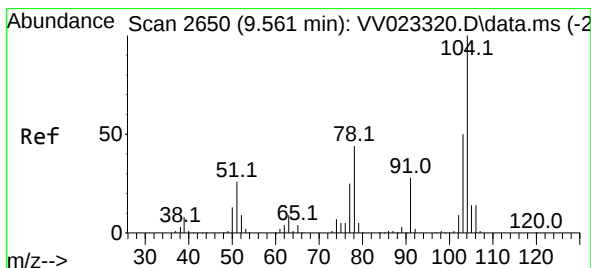
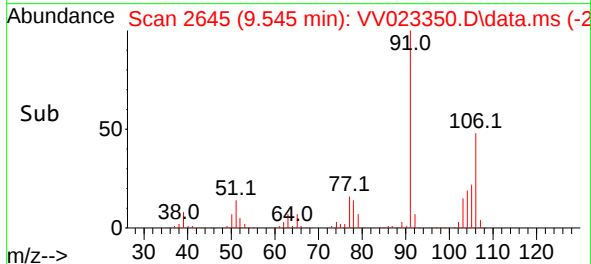
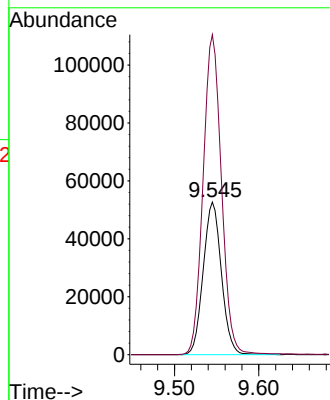
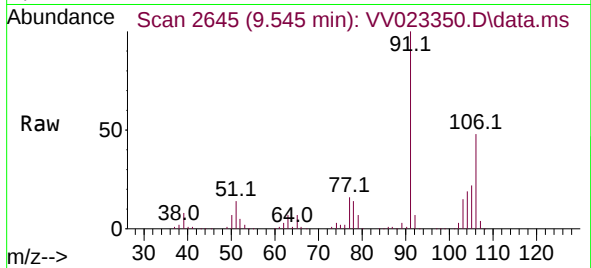




#54
o-xylene
Concen: 5.233 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.003 min
Lab File: VV023350.D
Acq: 10 Nov 2021 22:43

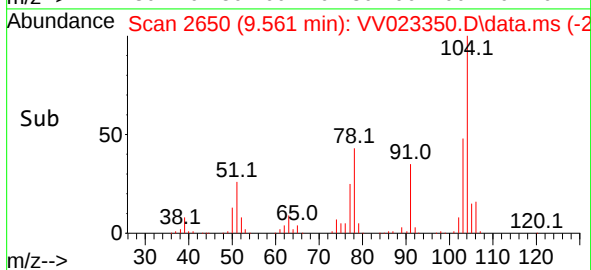
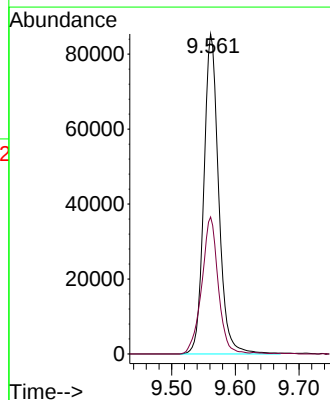
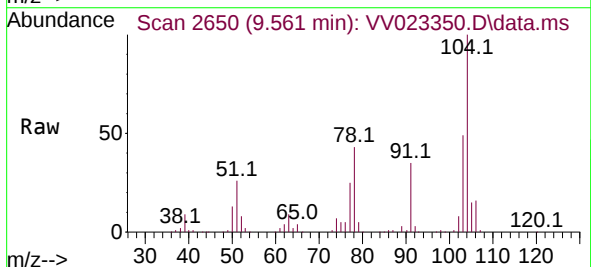
Instrument :
MSVOA_V
ClientSampleId :

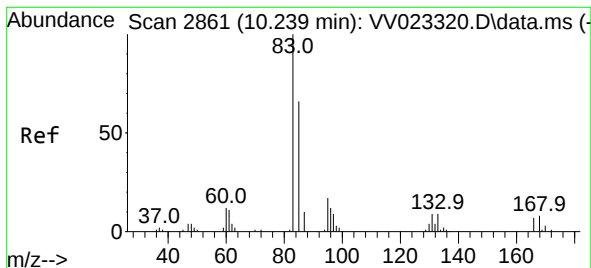
Tgt Ion:106 Resp: 79272
Ion Ratio Lower Upper
106 100
91 209.6 148.3 275.5



#55
Styrene
Concen: 5.319 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.000 min
Lab File: VV023350.D
Acq: 10 Nov 2021 22:43

Tgt Ion:104 Resp: 138022
Ion Ratio Lower Upper
104 100
78 42.8 29.3 54.3

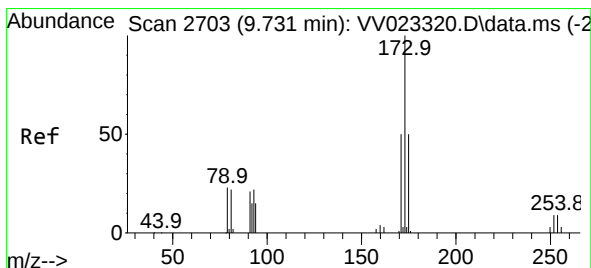
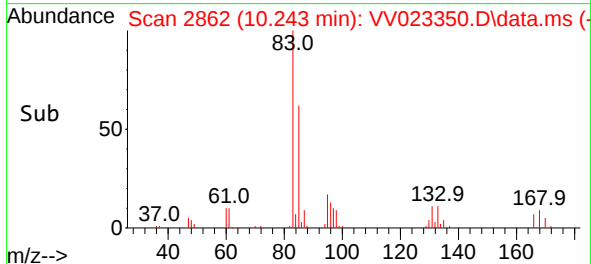
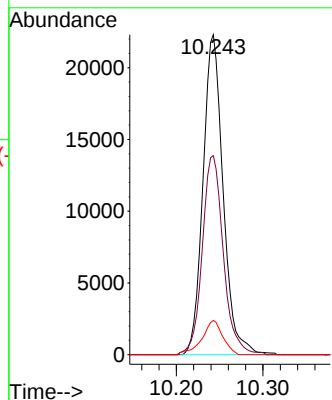
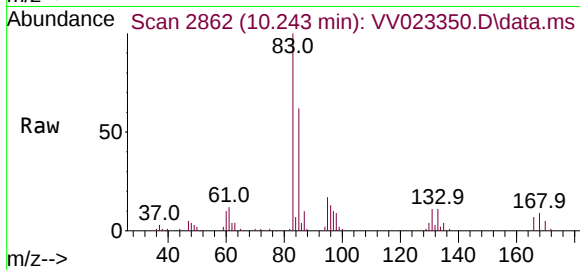




#57
1,1,2,2-Tetrachloroethane
Concen: 5.378 ug/L
RT: 10.243 min Scan# 2862
Delta R.T. 0.003 min
Lab File: VV023350.D
Acq: 10 Nov 2021 22:43

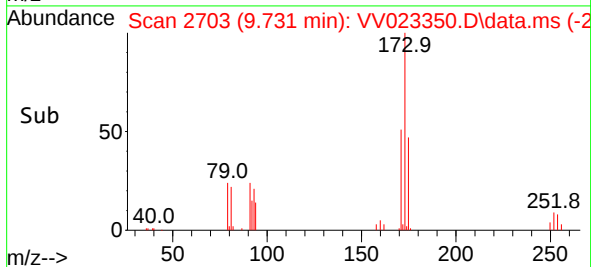
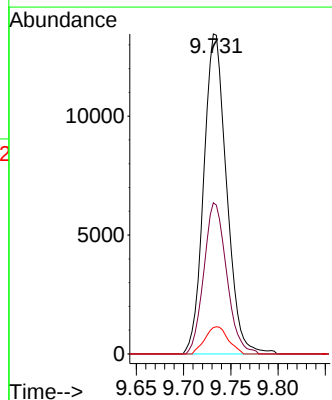
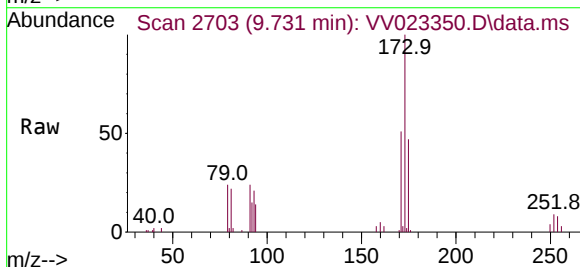
Instrument :
MSVOA_V
ClientSampleId :

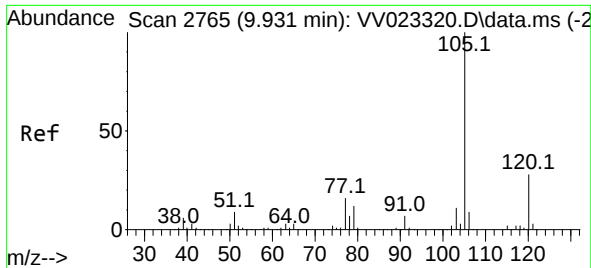
Tgt Ion: 83 Resp: 36052
Ion Ratio Lower Upper
83 100
85 62.2 45.1 83.9
131 10.7 7.8 11.6



#59
Bromoform
Concen: 5.271 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. 0.000 min
Lab File: VV023350.D
Acq: 10 Nov 2021 22:43

Tgt Ion: 173 Resp: 22602
Ion Ratio Lower Upper
173 100
175 47.1 38.2 57.2
254 8.6 6.2 9.2

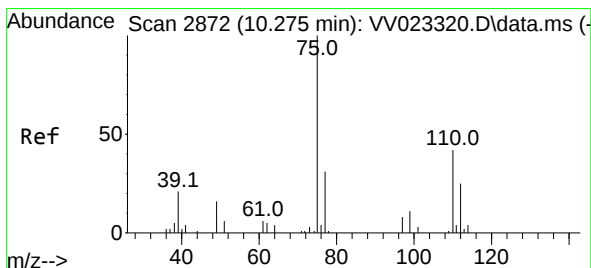
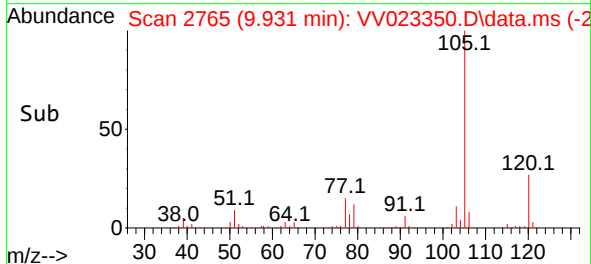
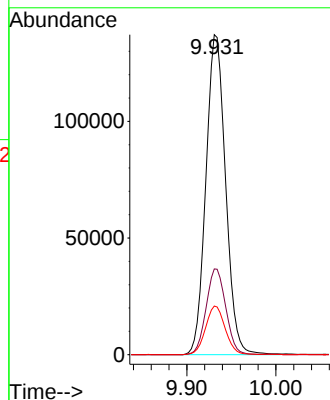
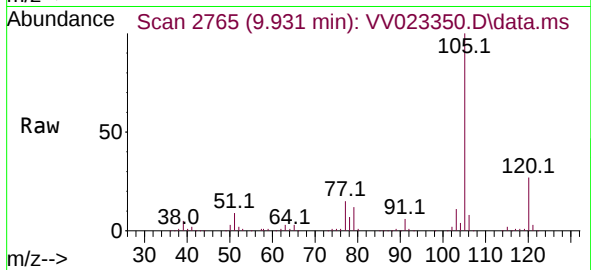




#60
Isopropylbenzene
Concen: 5.107 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV023350.D
Acq: 10 Nov 2021 22:43

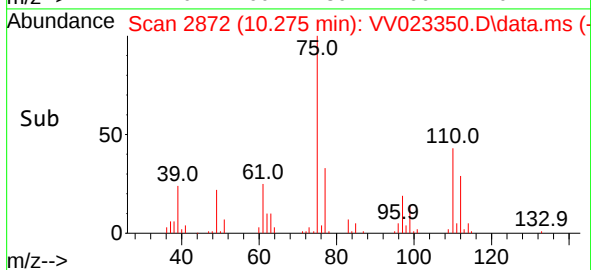
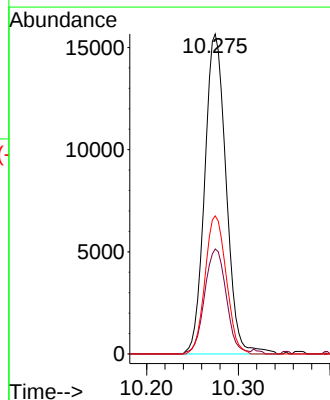
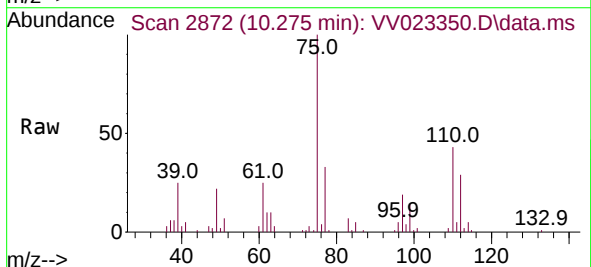
Instrument :
MSVOA_V
ClientSampleId :

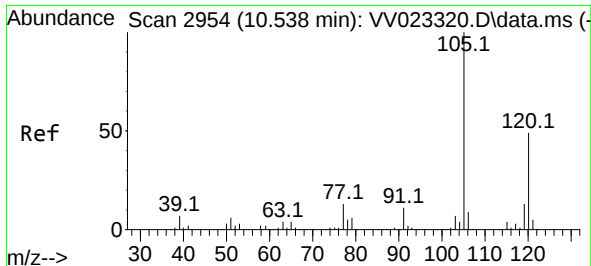
Tgt Ion:105 Resp: 210400
Ion Ratio Lower Upper
105 100
120 26.7 21.7 32.5
77 15.2 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 5.334 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. 0.000 min
Lab File: VV023350.D
Acq: 10 Nov 2021 22:43

Tgt Ion: 75 Resp: 25437
Ion Ratio Lower Upper
75 100
77 33.2 26.6 39.8
110 42.7 31.8 47.6





#62

1,3,5-Trimethylbenzene

Concen: 5.094 ug/L

RT: 10.542 min Scan# 2954

Delta R.T. 0.003 min

Lab File: VV023350.D

Acq: 10 Nov 2021 22:43

Instrument :

MSVOA_V

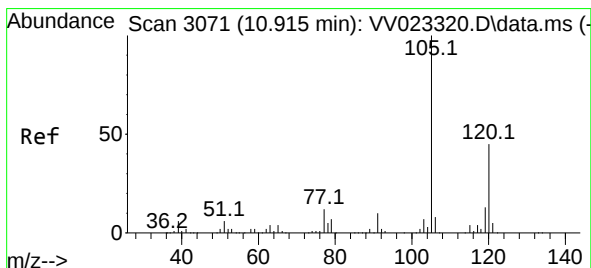
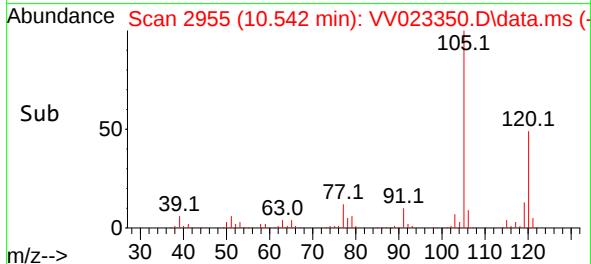
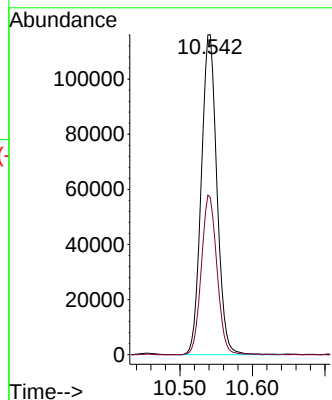
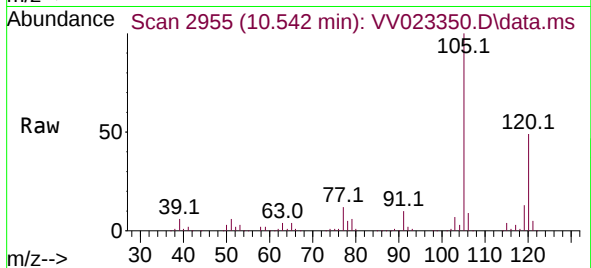
ClientSampleId :

Tgt Ion:105 Resp: 173993

Ion Ratio Lower Upper

105 100

120 49.8 39.7 59.5



#63

1,2,4-Trimethylbenzene

Concen: 5.145 ug/L

RT: 10.915 min Scan# 3071

Delta R.T. 0.000 min

Lab File: VV023350.D

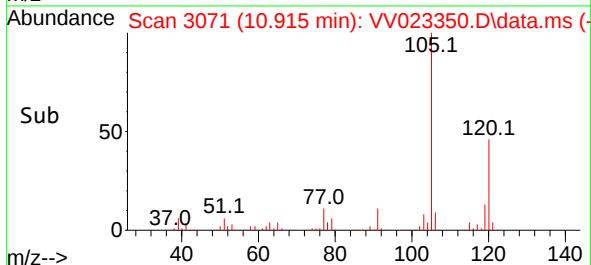
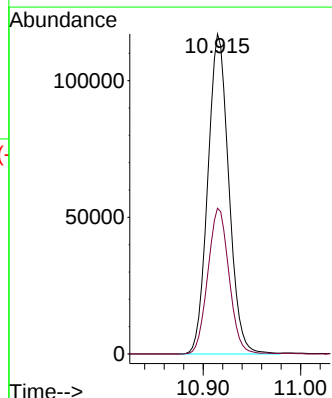
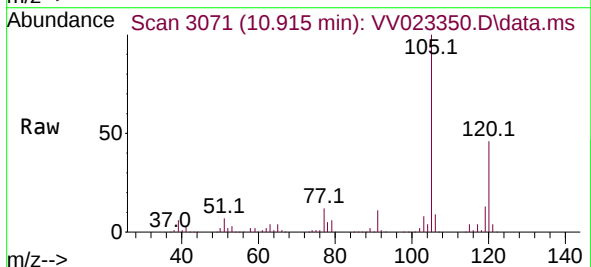
Acq: 10 Nov 2021 22:43

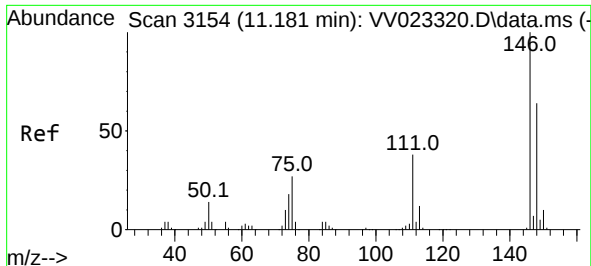
Tgt Ion:105 Resp: 174934

Ion Ratio Lower Upper

105 100

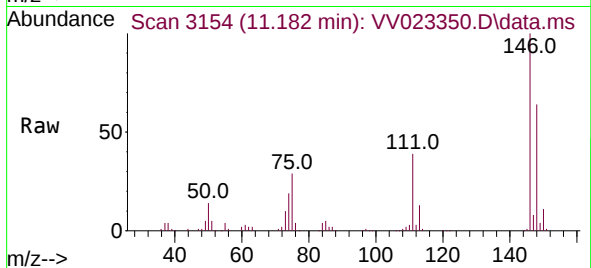
120 46.0 37.4 56.2



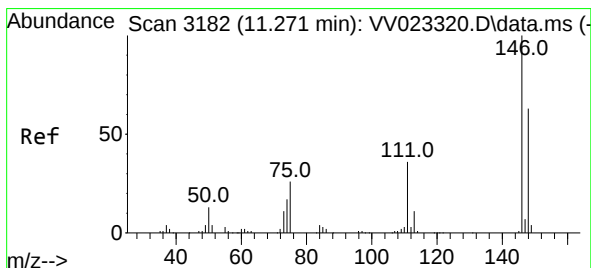
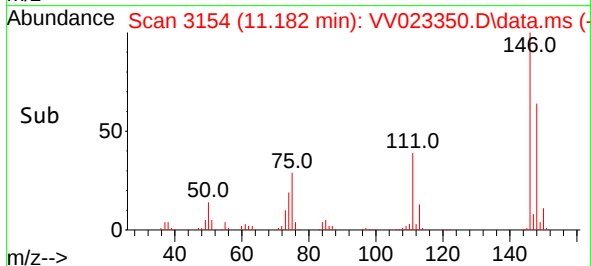
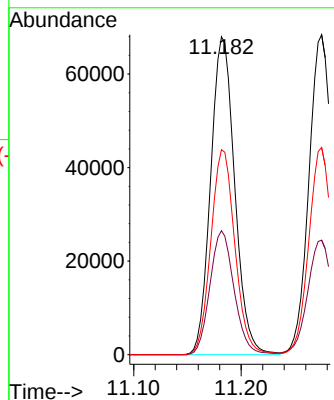


#64
1,3-Dichlorobenzene
Concen: 5.023 ug/L
RT: 11.182 min Scan# 3154
Delta R.T. 0.000 min
Lab File: VV023350.D
Acq: 10 Nov 2021 22:43

Instrument :
MSVOA_V
ClientSampleId :

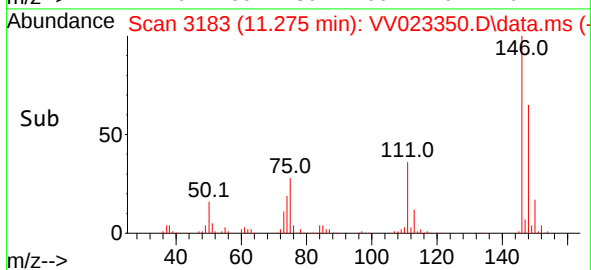
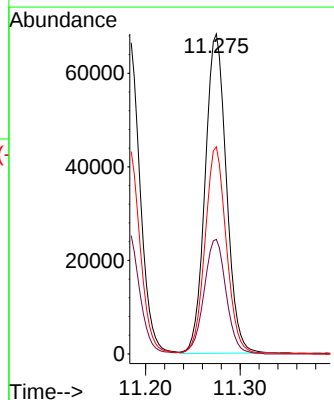
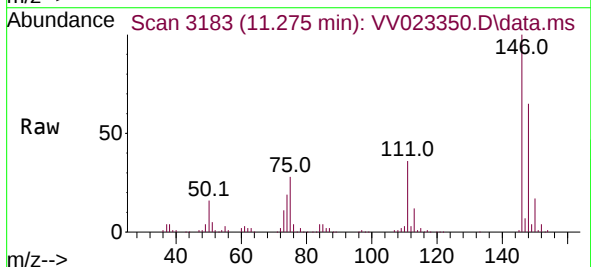


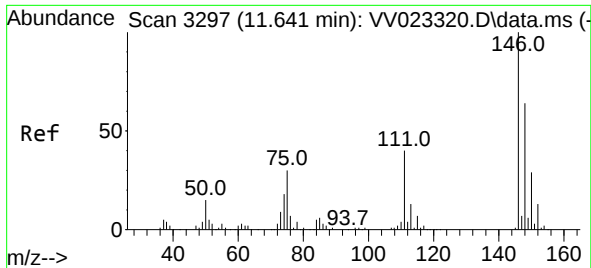
Tgt Ion:146 Resp: 105736
Ion Ratio Lower Upper
146 100
111 39.0 26.7 49.7
148 64.5 42.9 79.7



#65
1,4-Dichlorobenzene
Concen: 4.957 ug/L
RT: 11.275 min Scan# 3183
Delta R.T. 0.003 min
Lab File: VV023350.D
Acq: 10 Nov 2021 22:43

Tgt Ion:146 Resp: 106564
Ion Ratio Lower Upper
146 100
111 35.8 26.2 48.8
148 64.7 44.4 82.5

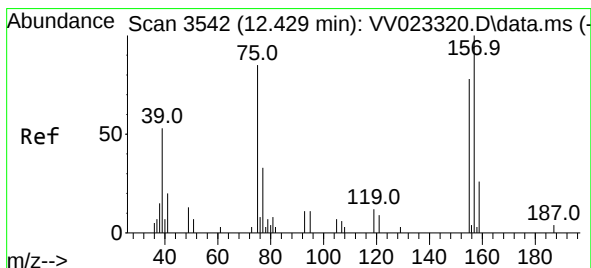
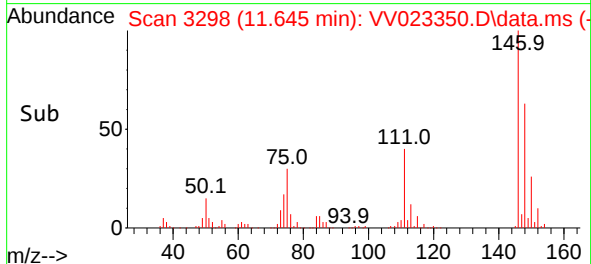
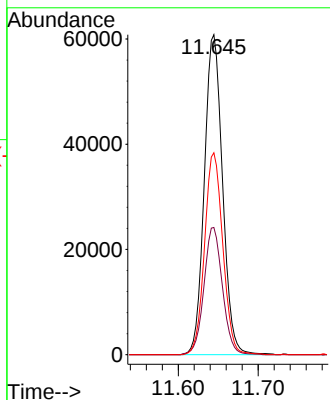
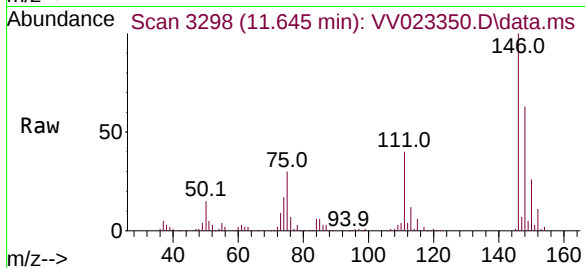




#67
1,2-Dichlorobenzene
Concen: 5.118 ug/L
RT: 11.645 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV023350.D
Acq: 10 Nov 2021 22:43

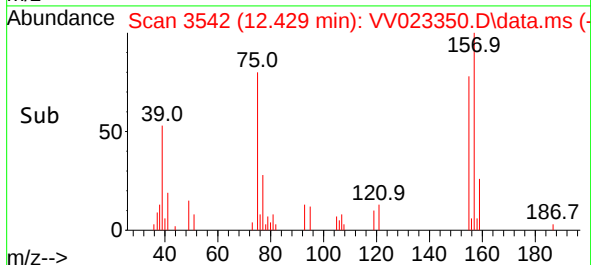
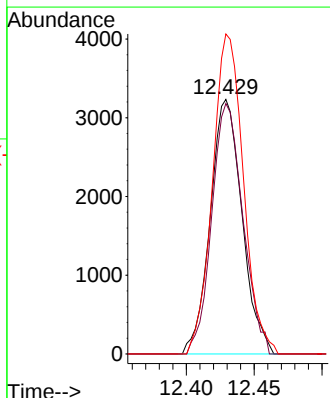
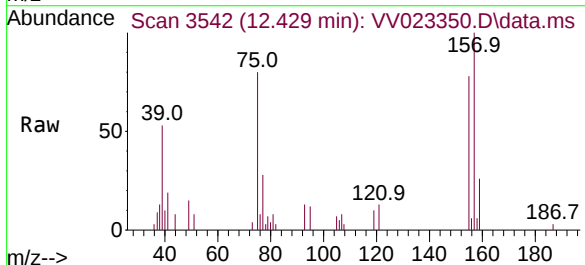
Instrument :
MSVOA_V
ClientSampleId :

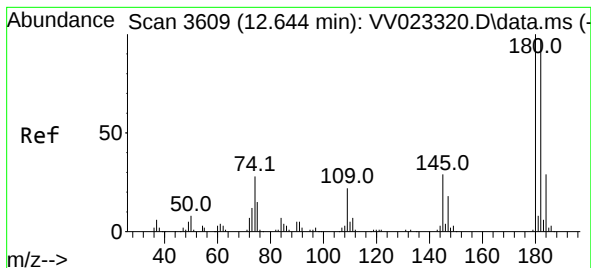
Tgt Ion:146 Resp: 96405
Ion Ratio Lower Upper
146 100
111 39.8 31.6 47.4
148 63.1 51.0 76.6



#68
1,2-Dibromo-3-chloropropane
Concen: 5.190 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. 0.000 min
Lab File: VV023350.D
Acq: 10 Nov 2021 22:43

Tgt Ion: 75 Resp: 5273
Ion Ratio Lower Upper
75 100
155 98.4 67.7 101.5
157 125.7 87.9 131.9





#69

1,3,5-Trichlorobenzene

Concen: 4.853 ug/L

RT: 12.648 min Scan# 3609

Delta R.T. 0.003 min

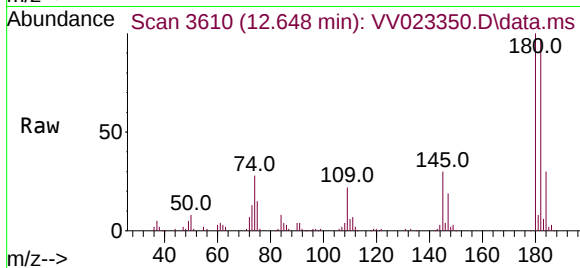
Lab File: VV023350.D

Acq: 10 Nov 2021 22:43

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 79987

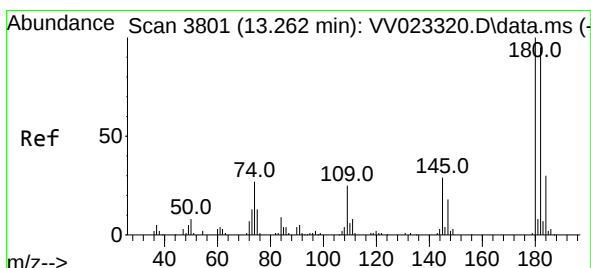
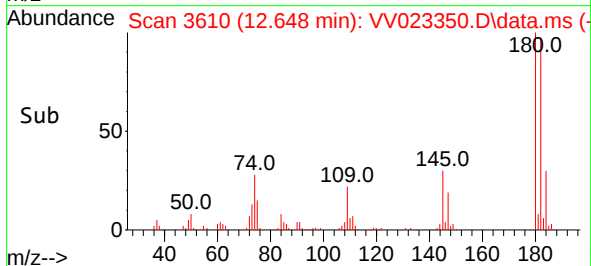
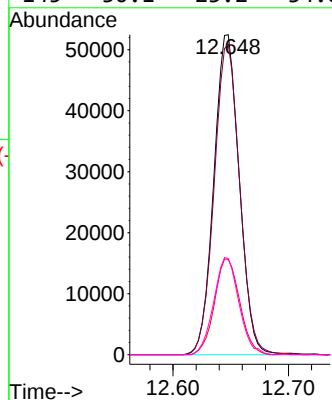
Ion Ratio Lower Upper

180 100

182 97.8 74.9 112.3

184 29.9 23.8 35.8

145 30.1 23.2 34.8



#70

1,2,4-trichlorobenzene

Concen: 4.936 ug/L

RT: 13.262 min Scan# 3801

Delta R.T. 0.000 min

Lab File: VV023350.D

Acq: 10 Nov 2021 22:43

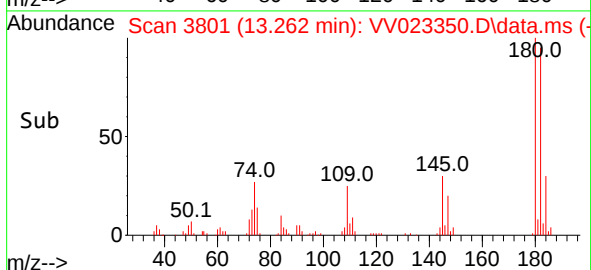
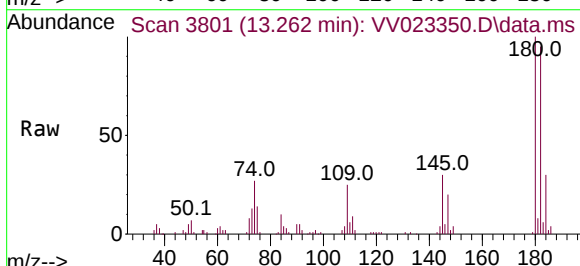
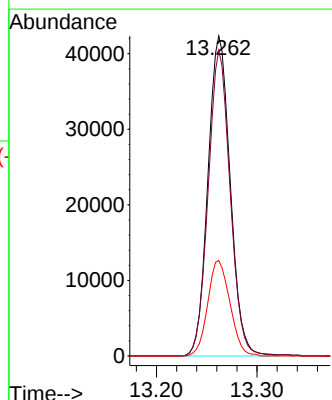
Tgt Ion:180 Resp: 65143

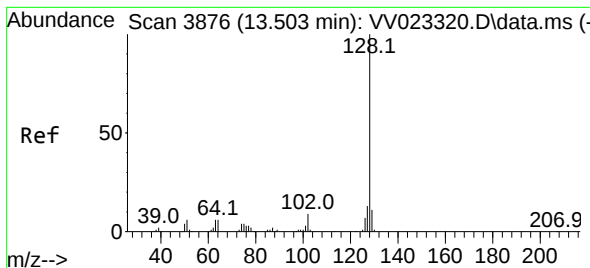
Ion Ratio Lower Upper

180 100

182 94.0 76.9 115.3

145 29.8 24.4 36.6





#71

Naphthalene

Concen: 4.948 ug/L

RT: 13.503 min Scan# 3876

Delta R.T. 0.000 min

Lab File: VV023350.D

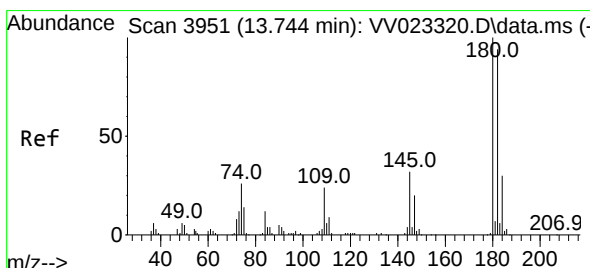
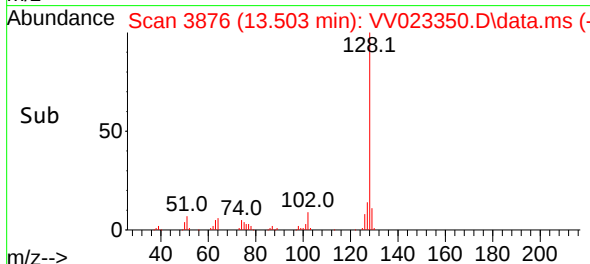
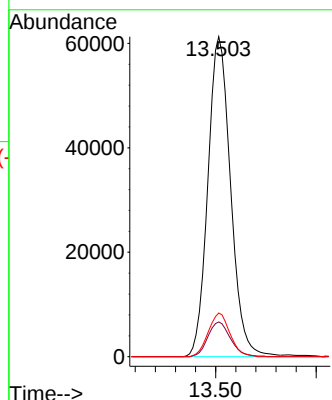
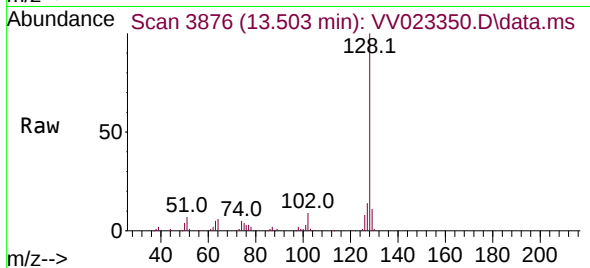
Acq: 10 Nov 2021 22:43

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:128	Resp:	96303
Ion Ratio	Lower	Upper
128	100	
129	10.8	8.6 13.0
127	13.0	10.5 15.7



#72

1,2,3-Trichlorobenzene

Concen: 5.180 ug/L

RT: 13.744 min Scan# 3951

Delta R.T. 0.000 min

Lab File: VV023350.D

Acq: 10 Nov 2021 22:43

Tgt Ion:180	Resp:	59814
Ion Ratio	Lower	Upper
180	100	
182	94.7	76.7 115.1
145	31.3	25.7 38.5

