

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW092222\
 Data File : VW028084.D
 Acq On : 23 Sep 2022 01:33
 Operator : SY/MD
 Sample : N4621-09
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 23 04:54:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 23 04:38:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	173435	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	175210	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	84649	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	92870	5.165	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	103.400%	
7) Chloroethane-d5	1.561	69	74617	5.220	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	104.400%	
11) 1,1-Dichloroethene-d2	2.098	63	122586	3.931	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	78.600%	
20) 2-Butanone-d5	3.905	46	125542	41.357	ug/L	0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	82.720%	
24) Chloroform-d	4.342	84	147617	5.145	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	102.800%	
26) 1,2-Dichloroethane-d4	5.027	65	70740	5.181	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	103.600%	
32) Benzene-d6	5.043	84	284645	4.955	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	99.000%	
36) 1,2-Dichloropropane-d6	6.066	67	89855	5.017	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	100.400%	
41) Toluene-d8	7.313	98	235161	4.522	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	90.400%	
43) trans-1,3-Dichloroprop...	7.622	79	29458	4.553	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	91.000%	
46) 2-Hexanone-d5	8.088	63	114400	42.368	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	84.740%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	60294	4.925	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	98.600%	
66) 1,2-Dichlorobenzene-d4	11.622	152	91464	5.509	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	110.200%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.130	85	787	0.061	ug/L #	81
3) Chloromethane	1.236	50	1535	0.089	ug/L	96
5) Vinyl chloride	1.410	62	1737	0.129	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.101	101	1141	0.093	ug/L #	21
12) 1,1-Dichloroethene	2.095	96	1089	0.091	ug/L #	1
13) Acetone	2.191	43	9846	4.211	ug/L	98
14) Carbon disulfide	2.285	76	1877	0.082	ug/L #	74
17) Methyl tert-butyl Ether	2.767	73	15783	0.612	ug/L #	90
22) cis-1,2-Dichloroethene	3.905	96	1300	0.094	ug/L	76
30) Cyclohexane	4.664	56	1321	0.085	ug/L #	73
37) 1,2-Dichloropropane	6.063	63	10127	0.742	ug/L #	88
39) cis-1,3-Dichloropropene	6.989	75	2401	0.142	ug/L	88
44) trans-1,3-Dichloropropene	7.619	75	1274	0.087	ug/L	83
51) Chlorobenzene	8.879	112	59230	1.740	ug/L	97
53) m,p-Xylene	9.143	106	2687	0.131	ug/L	88
54) o-Xylene	9.545	106	1280	0.063	ug/L	78
61) 1,2,3-Trichloropropane	11.246	75	10365	1.460	ug/L #	64
62) 1,3,5-Trimethylbenzene	10.541	105	861	0.062	ug/L #	71

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Sep 23 04:38:54 2022
Response via : Initial Calibration

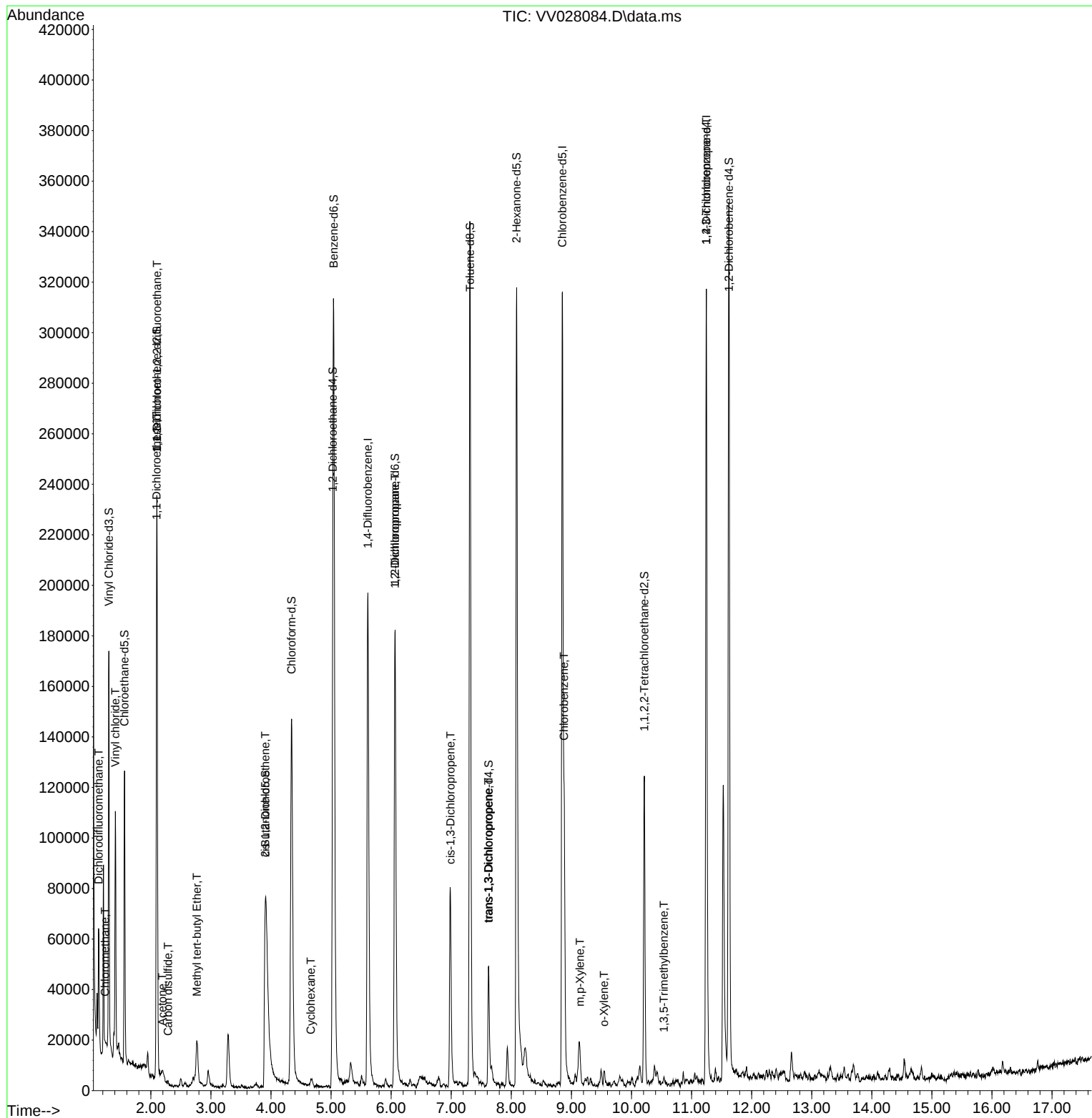
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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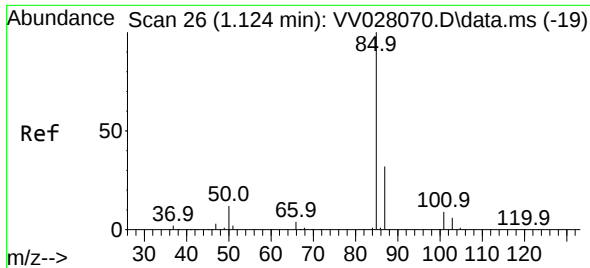
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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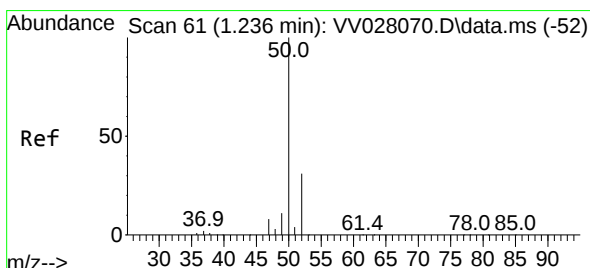
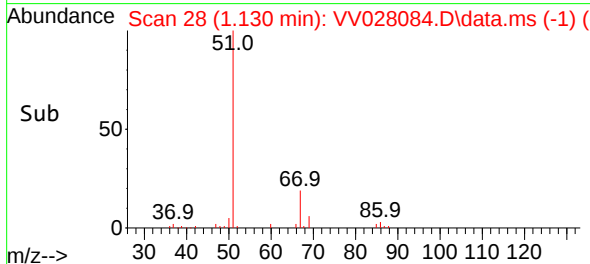
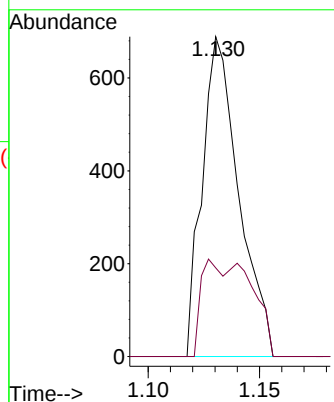
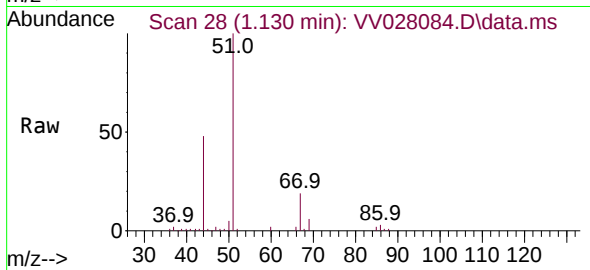




#2
 Dichlorodifluoromethane
 Concen: 0.061 ug/L
 RT: 1.130 min Scan# 28
 Delta R.T. 0.006 min
 Lab File: VV028084.D
 Acq: 23 Sep 2022 01:33

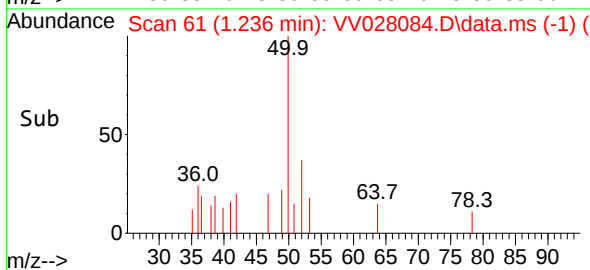
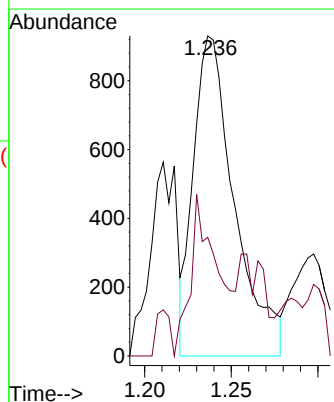
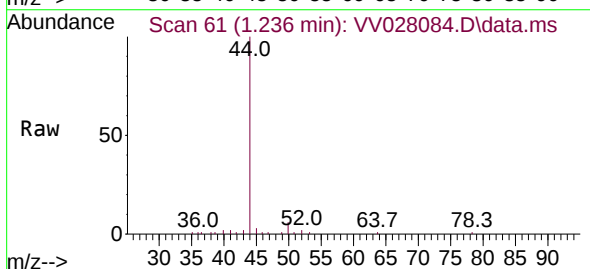
Instrument :
 MSVOA_V
 ClientSampleId :

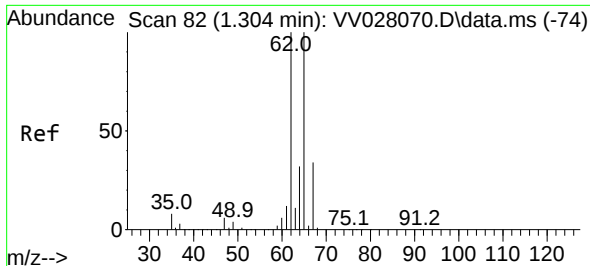
Tgt Ion: 85 Resp: 787
 Ion Ratio Lower Upper
 85 100
 87 18.3 22.8 34.2#



#3
 Chloromethane
 Concen: 0.089 ug/L
 RT: 1.236 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: VV028084.D
 Acq: 23 Sep 2022 01:33

Tgt Ion: 50 Resp: 1535
 Ion Ratio Lower Upper
 50 100
 52 37.1 24.4 45.2

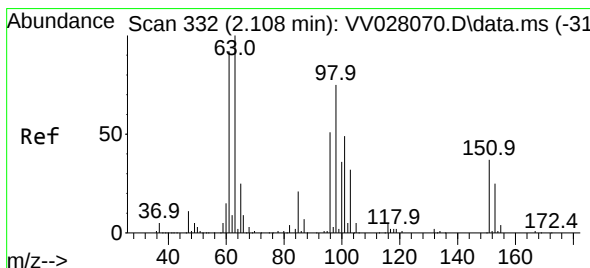
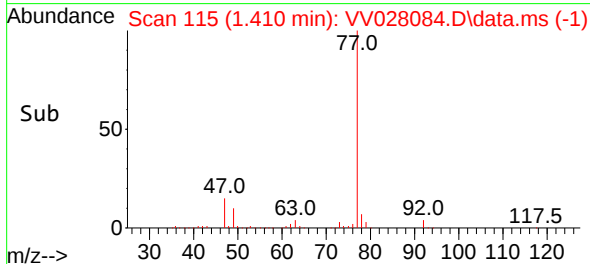
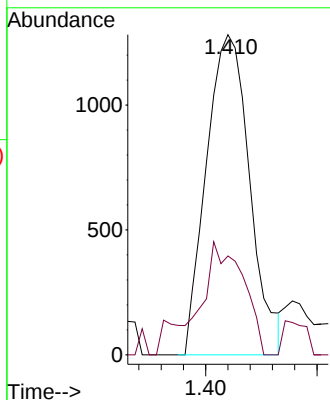
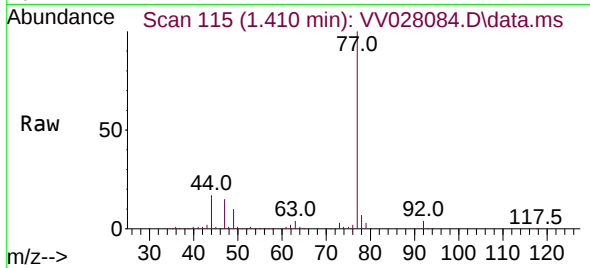




#5
 Vinyl chloride
 Concen: 0.129 ug/L
 RT: 1.410 min Scan# 115
 Delta R.T. 0.106 min
 Lab File: VV028084.D
 Acq: 23 Sep 2022 01:33

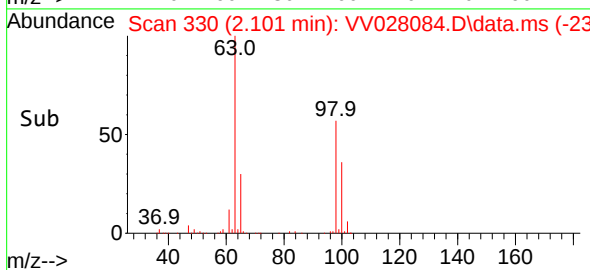
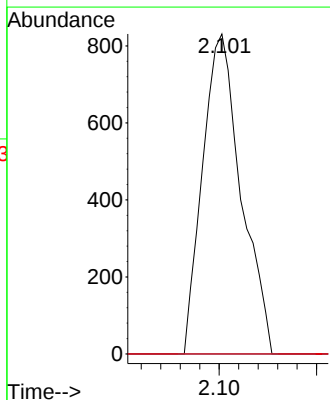
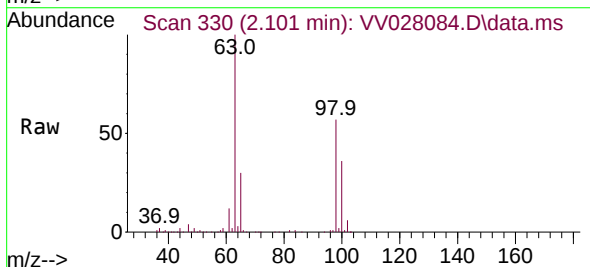
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 ClientSampleId :

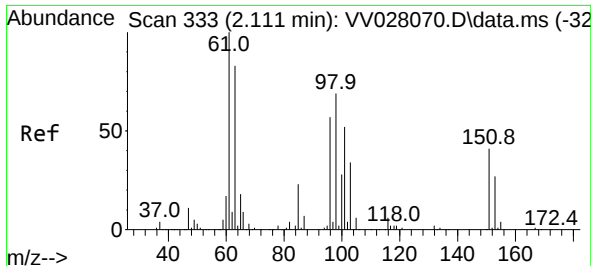
Tgt Ion: 62 Resp: 1737
 Ion Ratio Lower Upper
 62 100
 64 30.9 23.0 42.8



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.093 ug/L
 RT: 2.101 min Scan# 330
 Delta R.T. -0.006 min
 Lab File: VV028084.D
 Acq: 23 Sep 2022 01:33

Tgt Ion: 101 Resp: 1141
 Ion Ratio Lower Upper
 101 100
 85 3.7 34.4 51.6#
 151 0.0 61.1 91.7#





#12

1,1-Dichloroethene

Concen: 0.091 ug/L

RT: 2.095 min Scan# 31

Delta R.T. -0.016 min

Lab File: VV028084.D

Acq: 23 Sep 2022 01:33

Instrument :

MSVOA_V

ClientSampleId :

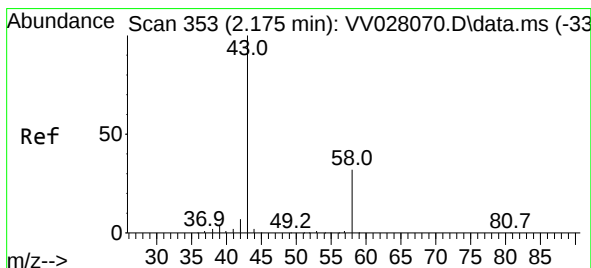
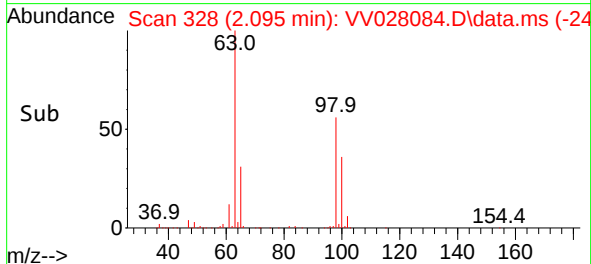
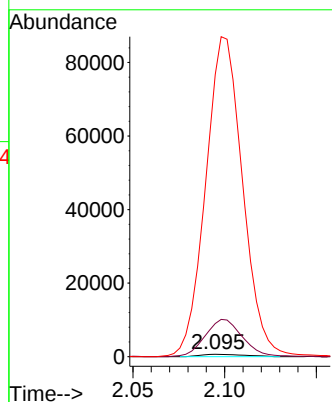
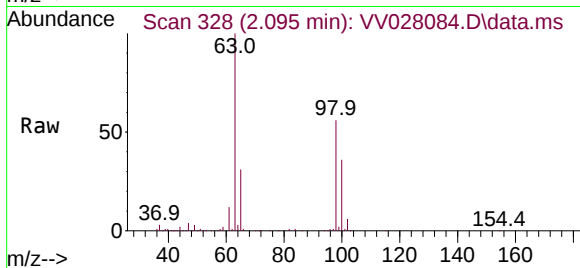
Tgt Ion: 96 Resp: 1089

Ion Ratio Lower Upper

96 100

61 1403.1 128.3 238.3#

63 11929.1 112.7 209.3#



#13

Acetone

Concen: 4.211 ug/L

RT: 2.191 min Scan# 358

Delta R.T. 0.016 min

Lab File: VV028084.D

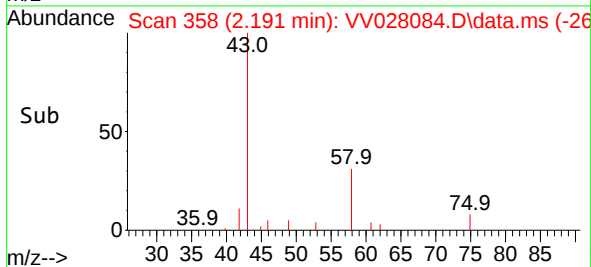
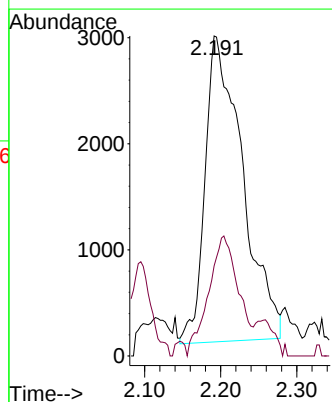
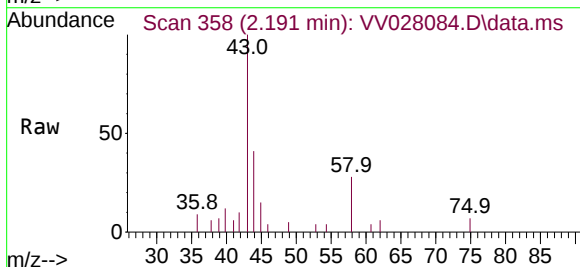
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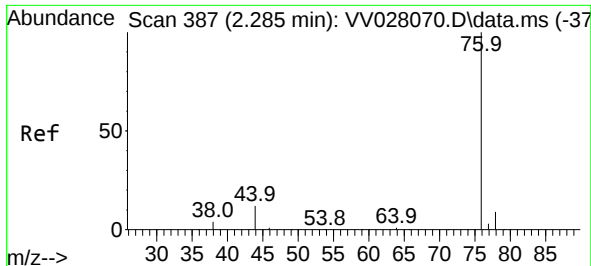
Tgt Ion: 43 Resp: 9846

Ion Ratio Lower Upper

43 100

58 31.7 0.0 65.6

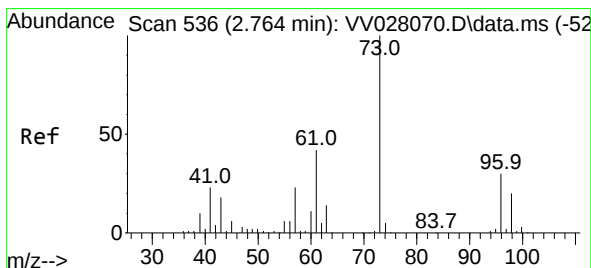
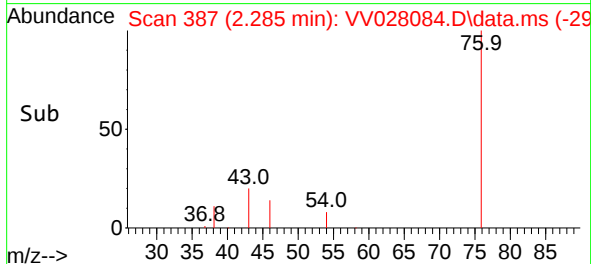
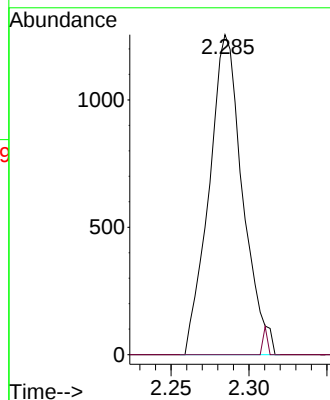
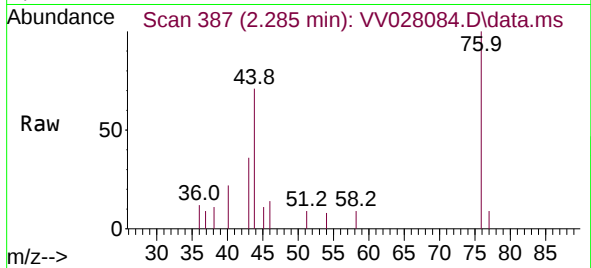




#14
Carbon disulfide
Concen: 0.082 ug/L
RT: 2.285 min Scan# 387
Delta R.T. 0.000 min
Lab File: VV028084.D
Acq: 23 Sep 2022 01:33

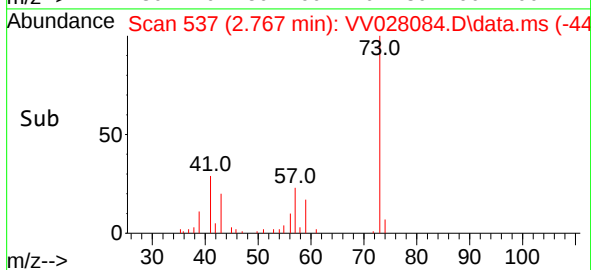
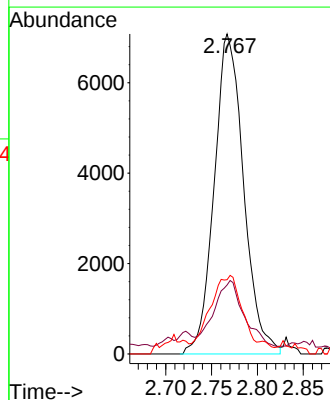
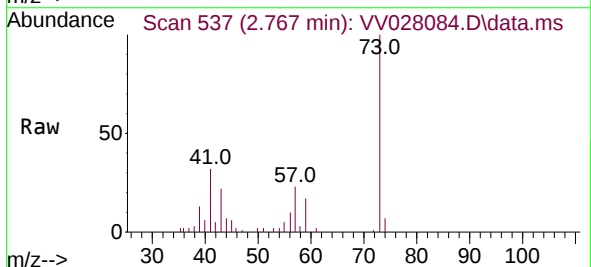
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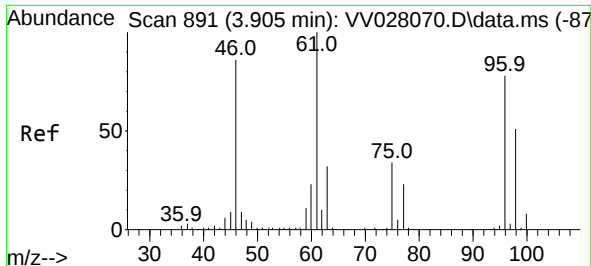
Tgt Ion: 76 Resp: 1877
Ion Ratio Lower Upper
76 100
78 0.0 7.6 11.4#



#17
Methyl tert-butyl Ether
Concen: 0.612 ug/L
RT: 2.767 min Scan# 537
Delta R.T. 0.003 min
Lab File: VV028084.D
Acq: 23 Sep 2022 01:33

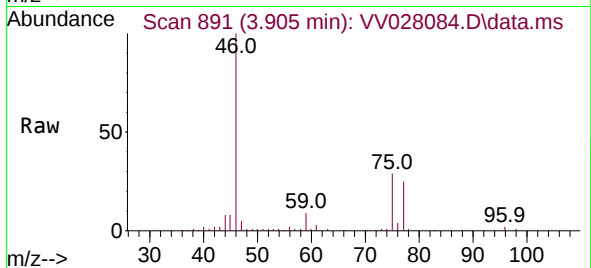
Tgt Ion: 73 Resp: 15783
Ion Ratio Lower Upper
73 100
43 22.1 15.7 23.5
57 29.0 17.8 26.8#



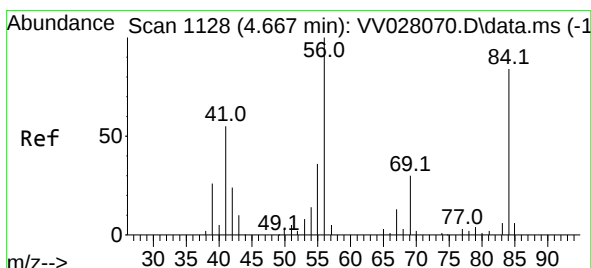
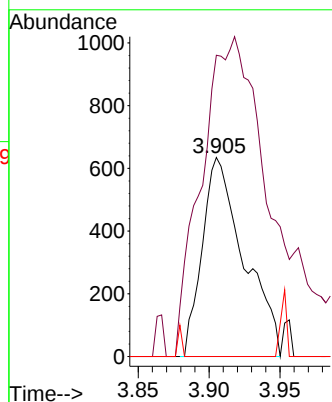
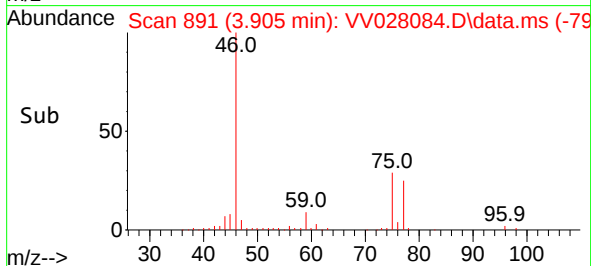


#22
 cis-1,2-Dichloroethene
 Concen: 0.094 ug/L
 RT: 3.905 min Scan# 891
 Delta R.T. 0.000 min
 Lab File: VV028084.D
 Acq: 23 Sep 2022 01:33

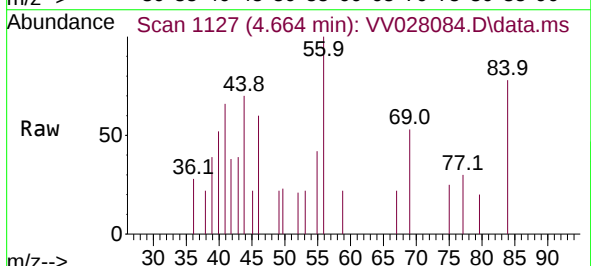
Instrument :
 MSVOA_V
 ClientSampleId :



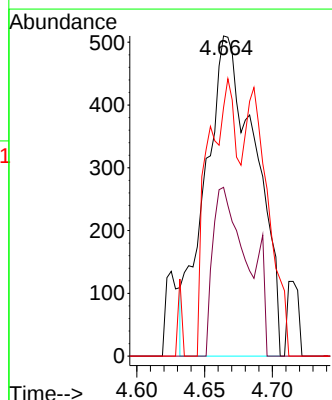
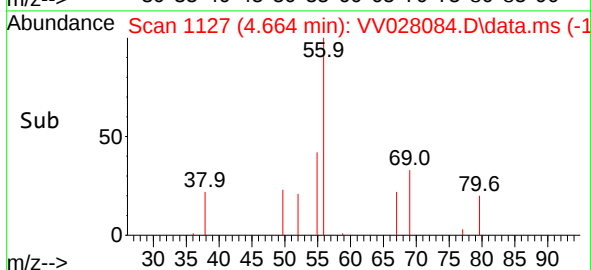
Tgt Ion: 96 Resp: 1300
 Ion Ratio Lower Upper
 96 100
 61 151.3 87.2 161.9
 68 0.0 0.0 0.0

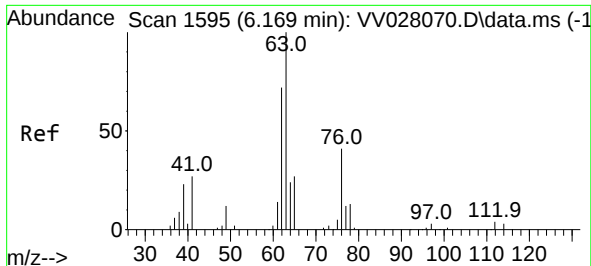


#30
 Cyclohexane
 Concen: 0.085 ug/L
 RT: 4.664 min Scan# 1127
 Delta R.T. -0.003 min
 Lab File: VV028084.D
 Acq: 23 Sep 2022 01:33



Tgt Ion: 56 Resp: 1321
 Ion Ratio Lower Upper
 56 100
 69 31.1 23.7 35.5
 84 51.5 67.3 100.9#





#37

1,2-Dichloropropane

Concen: 0.742 ug/L

RT: 6.063 min Scan# 1

Delta R.T. -0.106 min

Lab File: VV028084.D

Acq: 23 Sep 2022 01:33

Instrument :

MSVOA_V

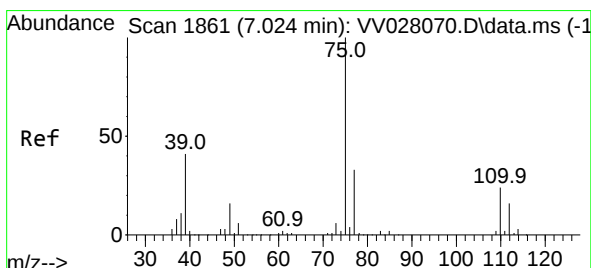
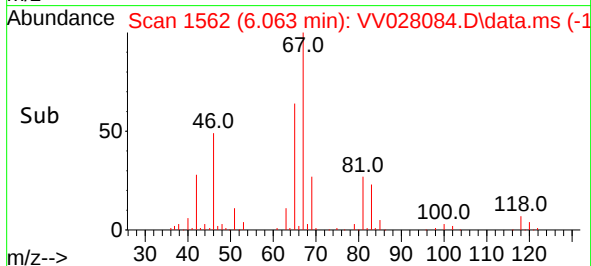
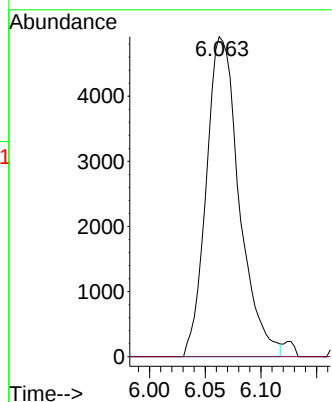
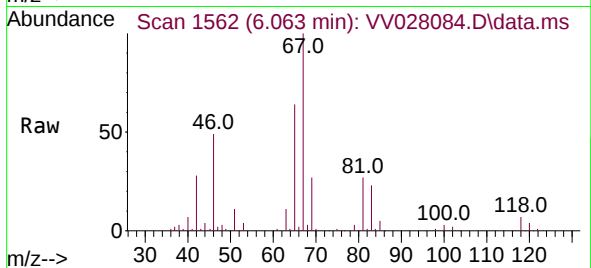
ClientSampleId :

Tgt Ion: 63 Resp: 10127

Ion Ratio Lower Upper

63 100

112 0.4 3.5 5.3#



#39

cis-1,3-Dichloropropene

Concen: 0.142 ug/L

RT: 6.989 min Scan# 1850

Delta R.T. -0.035 min

Lab File: VV028084.D

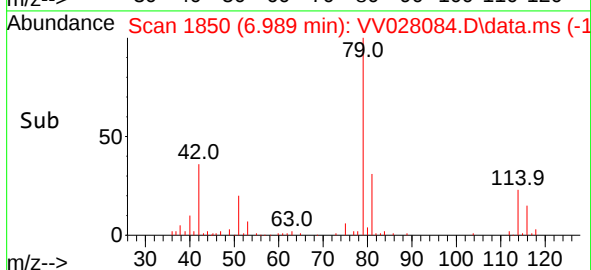
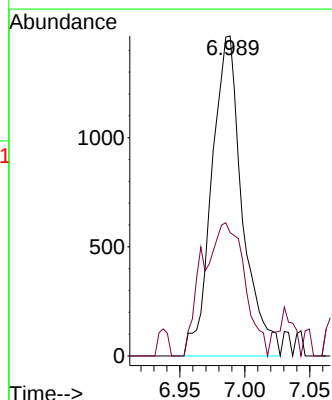
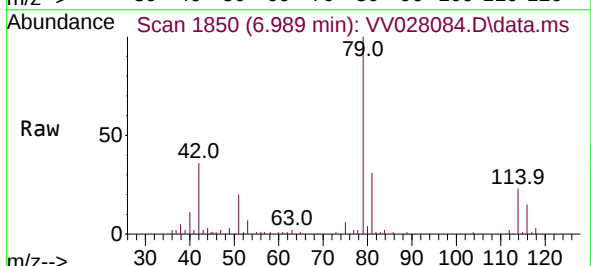
Acq: 23 Sep 2022 01:33

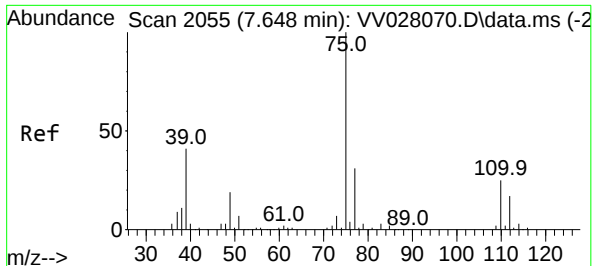
Tgt Ion: 75 Resp: 2401

Ion Ratio Lower Upper

75 100

77 38.5 22.4 41.6

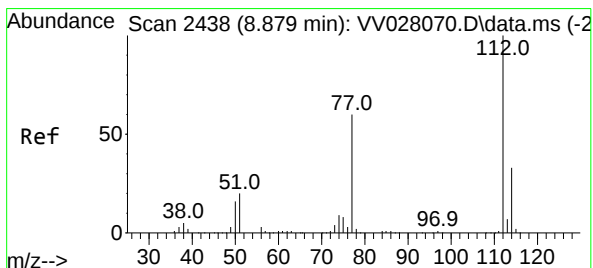
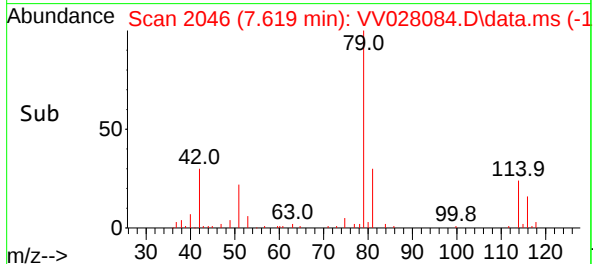
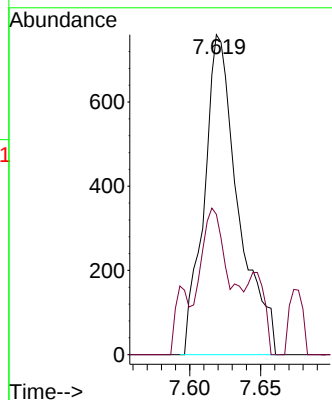
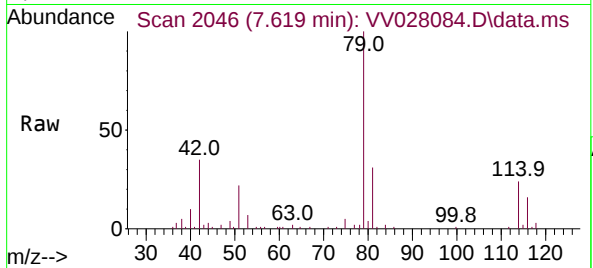




#44
trans-1,3-Dichloropropene
Concen: 0.087 ug/L
RT: 7.619 min Scan# 2055
Delta R.T. -0.029 min
Lab File: VV028084.D
Acq: 23 Sep 2022 01:33

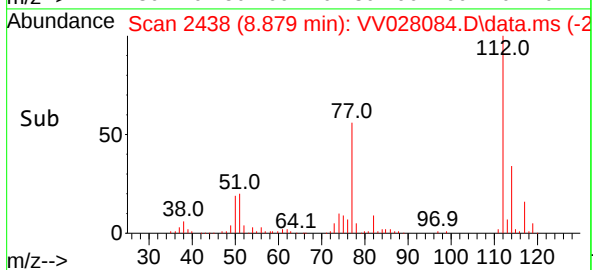
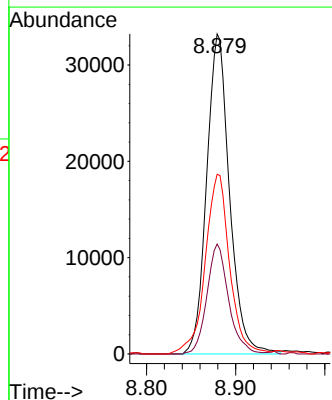
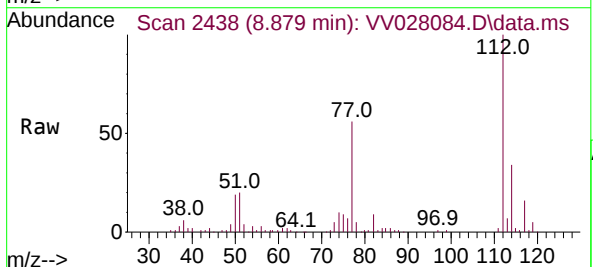
Instrument :
MSVOA_V
ClientSampleId :

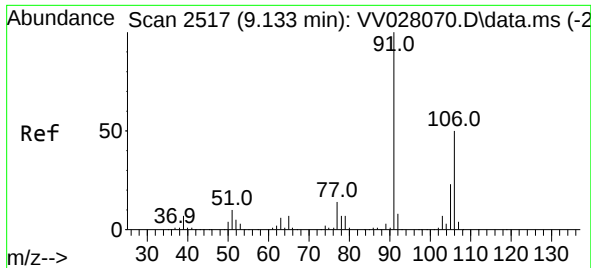
Tgt Ion: 75 Resp: 1274
Ion Ratio Lower Upper
75 100
77 43.8 23.9 44.3



#51
Chlorobenzene
Concen: 1.740 ug/L
RT: 8.879 min Scan# 2438
Delta R.T. 0.000 min
Lab File: VV028084.D
Acq: 23 Sep 2022 01:33

Tgt Ion: 112 Resp: 59230
Ion Ratio Lower Upper
112 100
114 34.4 22.5 41.7
77 56.1 46.1 69.1

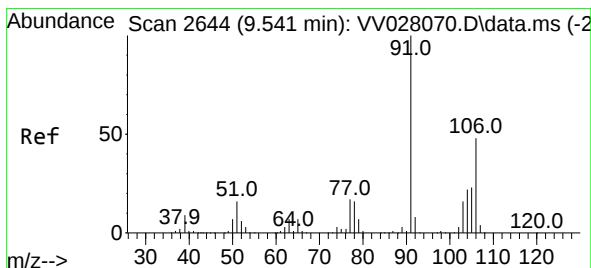
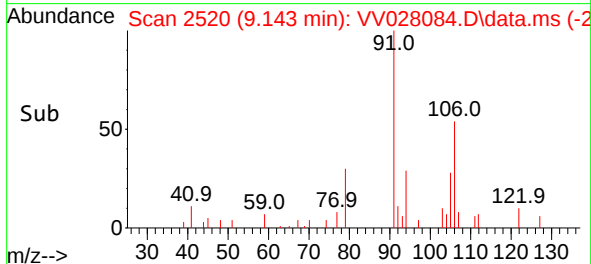
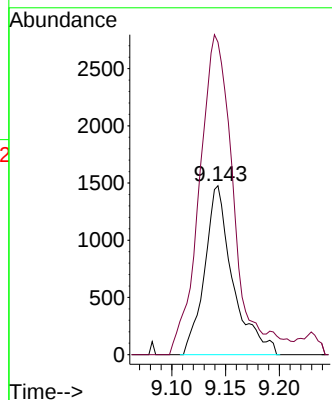
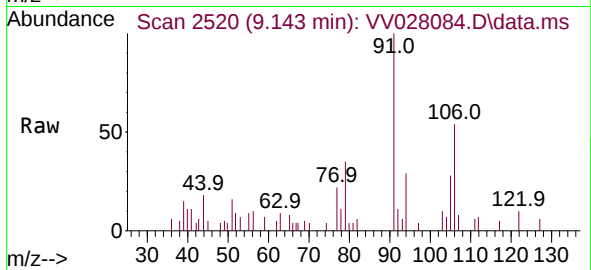




#53
m,p-Xylene
Concen: 0.131 ug/L
RT: 9.143 min Scan# 21
Delta R.T. 0.010 min
Lab File: VV028084.D
Acq: 23 Sep 2022 01:33

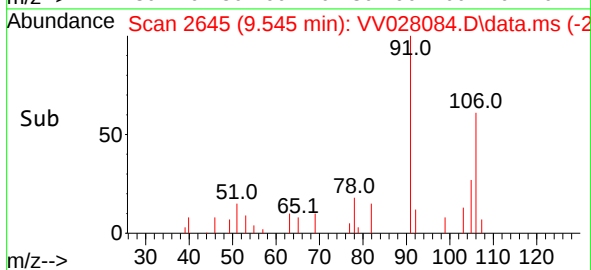
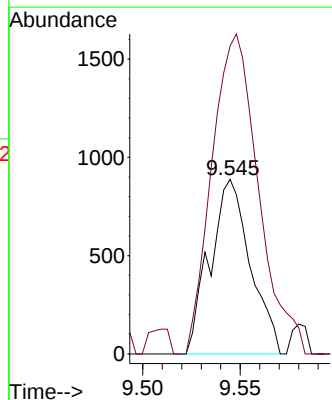
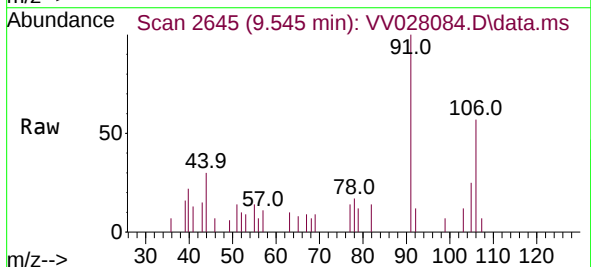
Instrument :
MSVOA_V
ClientSampleId :

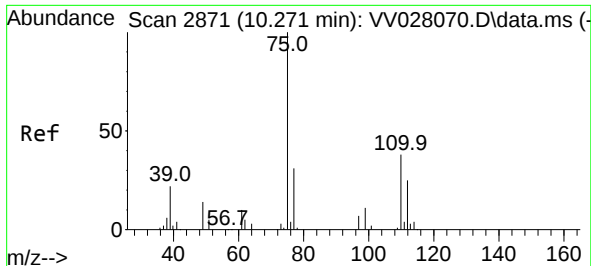
Tgt Ion:106 Resp: 2687
Ion Ratio Lower Upper
106 100
91 184.9 141.9 263.5



#54
o-Xylene
Concen: 0.063 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.003 min
Lab File: VV028084.D
Acq: 23 Sep 2022 01:33

Tgt Ion:106 Resp: 1280
Ion Ratio Lower Upper
106 100
91 176.5 148.1 275.0

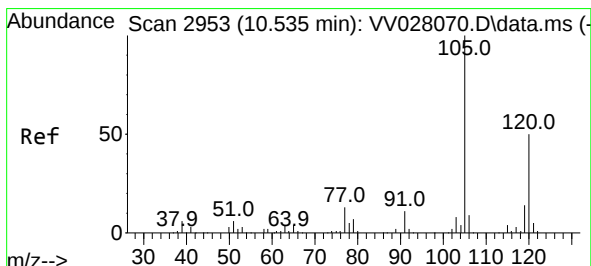
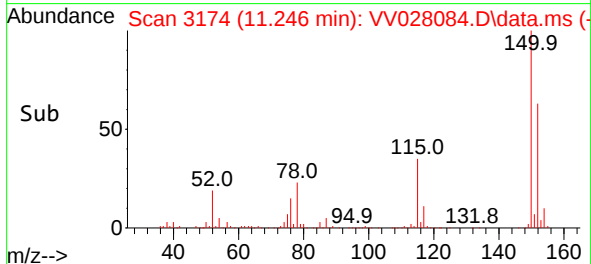
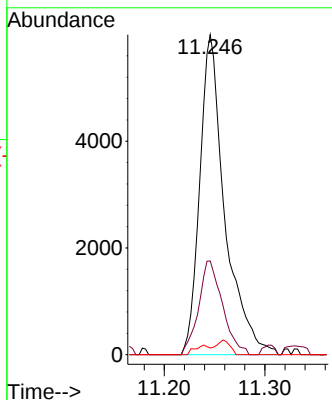
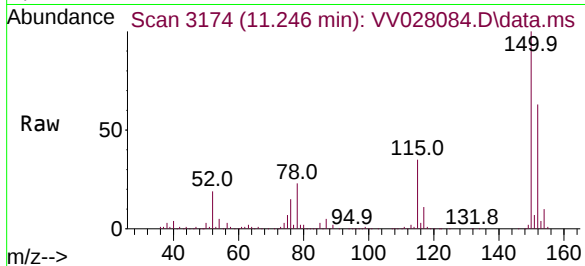




#61
 1,2,3-Trichloropropane
 Concen: 1.460 ug/L
 RT: 11.246 min Scan# 3174
 Delta R.T. 0.974 min
 Lab File: VV028084.D
 Acq: 23 Sep 2022 01:33

Instrument :
 MSVOA_V
 ClientSampleId :

Tgt Ion: 75 Resp: 10365
 Ion Ratio Lower Upper
 75 100
 77 28.0 26.7 40.1
 110 1.7 30.1 45.1#



#62
 1,3,5-Trimethylbenzene
 Concen: 0.062 ug/L
 RT: 10.541 min Scan# 2955
 Delta R.T. 0.006 min
 Lab File: VV028084.D
 Acq: 23 Sep 2022 01:33

Tgt Ion: 105 Resp: 861
 Ion Ratio Lower Upper
 105 100
 120 30.4 40.6 61.0#

