

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092622\
 Data File : VV028112.D
 Acq On : 26 Sep 2022 11:25
 Operator : SY/MD
 Sample : VV0926WBL01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 26 21:29:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Sep 26 21:28:54 2022
 Response via : Initial Calibration

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

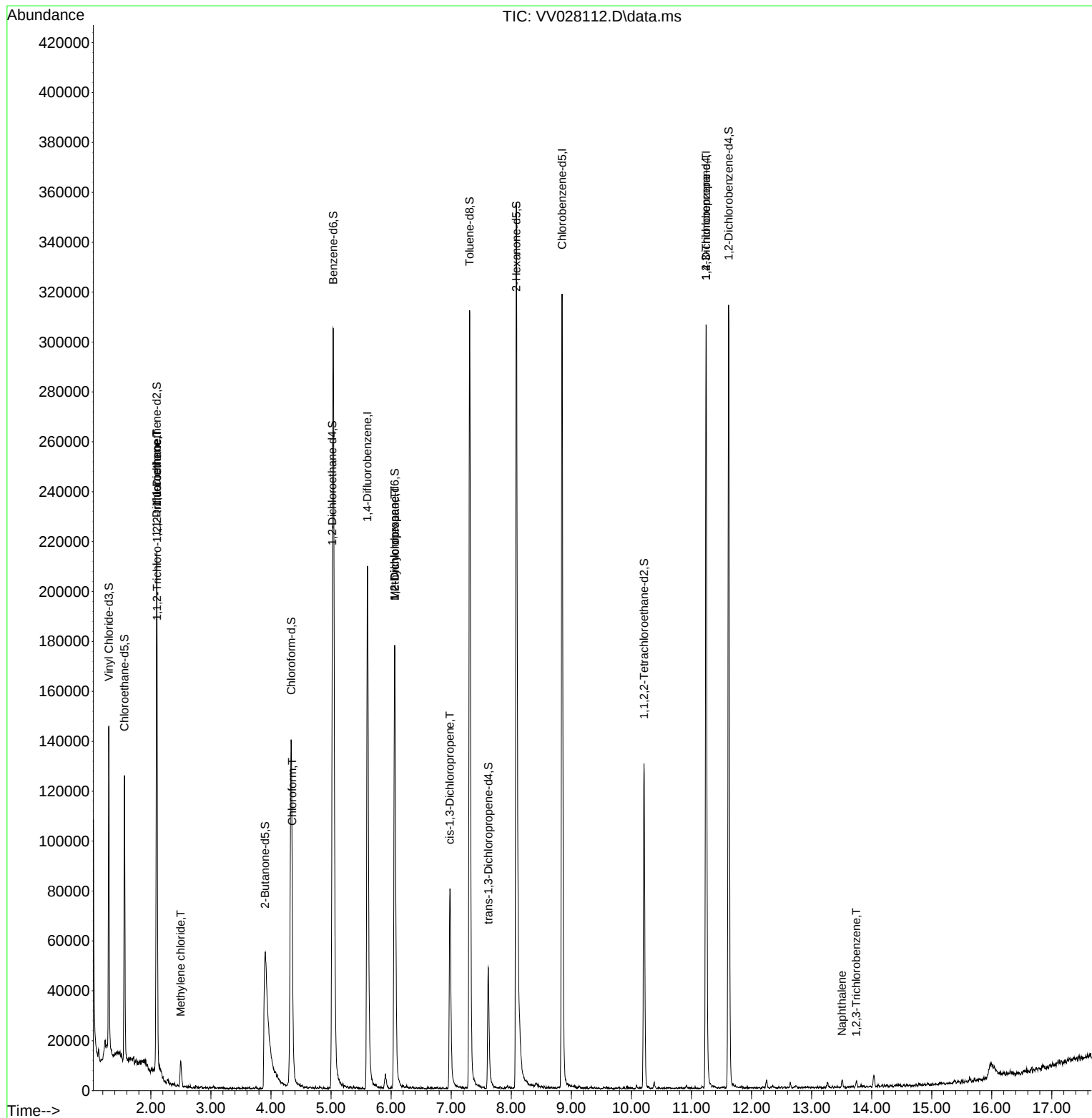
Internal Standards						
1) 1,4-Difluorobenzene	5.606	114	185124	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	182883	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	84087	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	84497	4.403	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.000%
7) Chloroethane-d5	1.561	69	74088	4.855	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.200%
11) 1,1-Dichloroethene-d2	2.098	63	106857	3.210	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.200%
20) 2-Butanone-d5	3.902	46	163565	50.481	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.960%
24) Chloroform-d	4.336	84	151832	4.958	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.200%
26) 1,2-Dichloroethane-d4	5.021	65	72460	4.972	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.400%
32) Benzene-d6	5.037	84	278576	4.646	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.000%
36) 1,2-Dichloropropane-d6	6.060	67	90046	4.817	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.400%
41) Toluene-d8	7.307	98	214539	3.953	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.000%
43) trans-1,3-Dichloroprop...	7.619	79	30613	4.533	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.600%
46) 2-Hexanone-d5	8.085	63	135163	47.957	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.920%
56) 1,1,2,2-Tetrachloroeth...	10.211	84	62732	4.909	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.200%
66) 1,2-Dichlorobenzene-d4	11.619	152	84309	5.112	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.200%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.105	101	1257	0.096	ug/L #	23
12) 1,1-Dichloroethene	2.095	96	1741	0.136	ug/L #	1
16) Methylene chloride	2.497	84	4079	0.286	ug/L	91
25) Chloroform	4.352	83	2198	0.084	ug/L	79
35) Methylcyclohexane	6.060	83	22225	1.282	ug/L #	17
37) 1,2-Dichloropropane	6.060	63	10212	0.717	ug/L #	87
39) cis-1,3-Dichloropropene	6.979	75	2084	0.118	ug/L #	52
61) 1,2,3-Trichloropropane	11.243	75	9878	1.401	ug/L #	67
71) Naphthalene	13.506	128	2405	0.094	ug/L #	91
72) 1,2,3-Trichlorobenzene	13.744	180	821	0.058	ug/L #	21

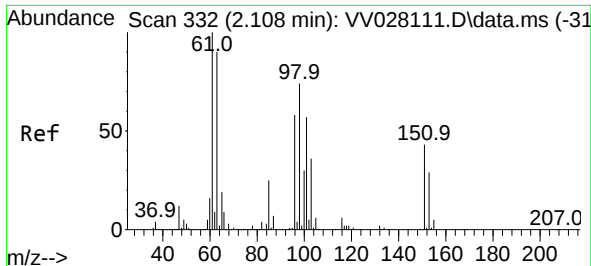
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092622\
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QLast Update : Mon Sep 26 21:28:54 2022
Response via : Initial Calibration





#10

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

Concen: 0.096 ug/L

RT: 2.105 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV028112.D

Acq: 26 Sep 2022 11:25

Instrument :

MSVOA_V

ClientSampleId :

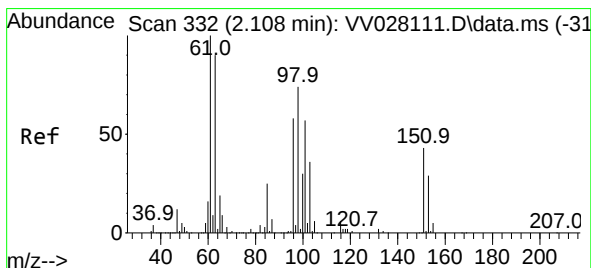
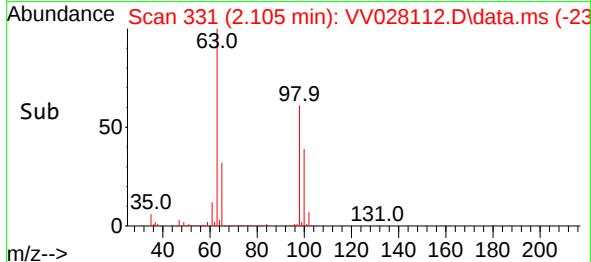
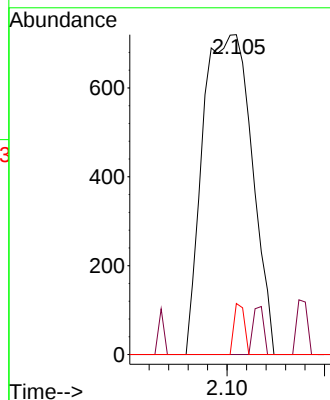
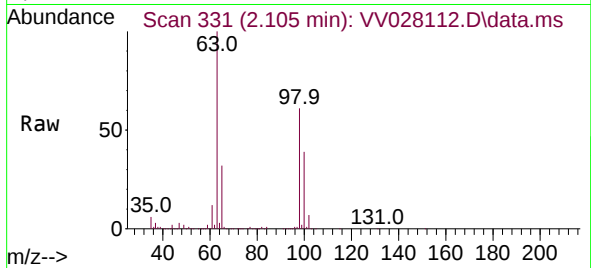
Tgt Ion:101 Resp: 1257

Ion Ratio Lower Upper

101 100

85 3.3 34.4 51.6#

151 3.3 61.1 91.7#



#12

1,1-Dichloroethene

Concen: 0.136 ug/L

RT: 2.095 min Scan# 328

Delta R.T. -0.013 min

Lab File: VV028112.D

Acq: 26 Sep 2022 11:25

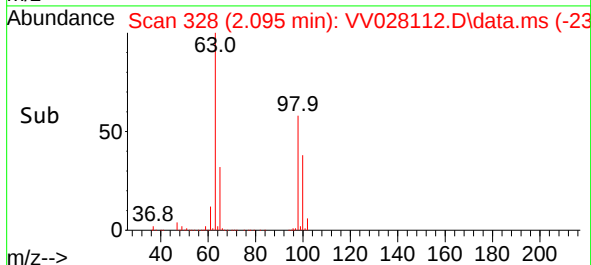
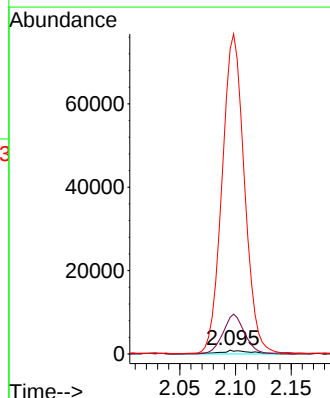
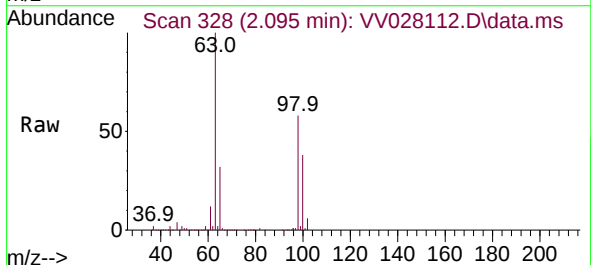
Tgt Ion: 96 Resp: 1741

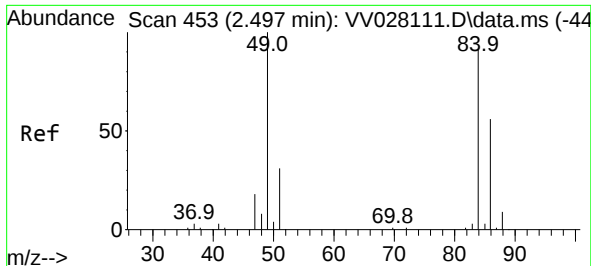
Ion Ratio Lower Upper

96 100

61 937.8 128.3 238.3#

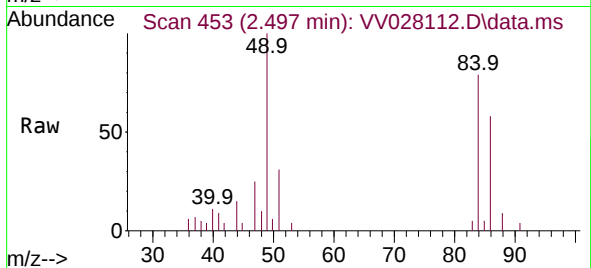
63 7809.6 112.7 209.3#





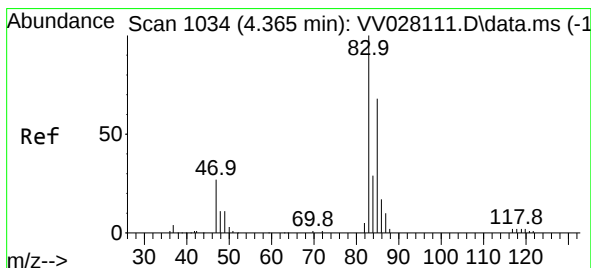
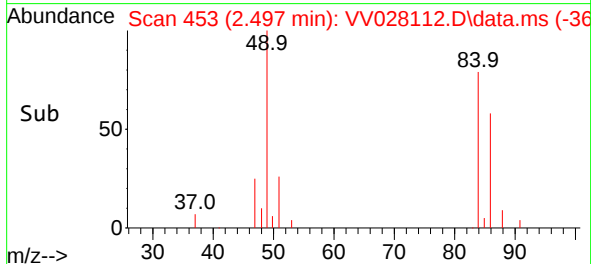
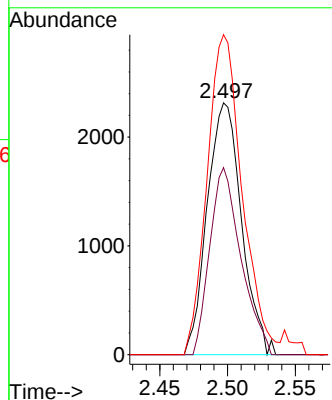
#16
Methylene chloride
Concen: 0.286 ug/L
RT: 2.497 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV028112.D
Acq: 26 Sep 2022 11:25

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 84 Resp: 4079

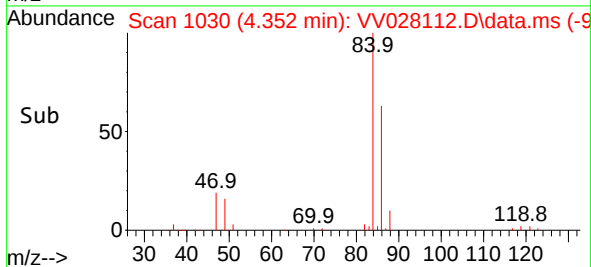
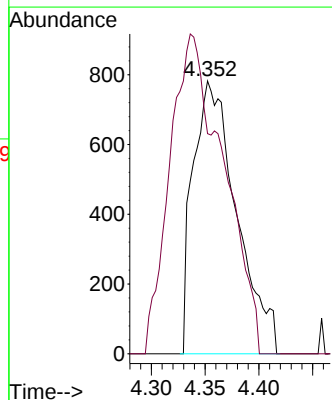
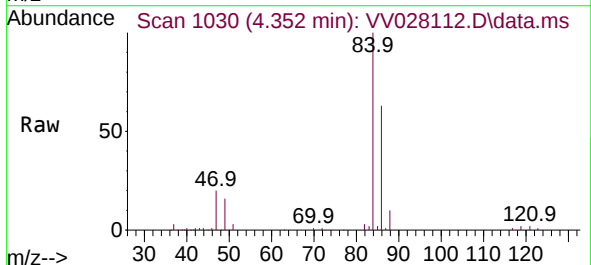
Ion	Ratio	Lower	Upper
84	100		
86	74.3	46.8	86.8
49	134.5	87.5	162.5

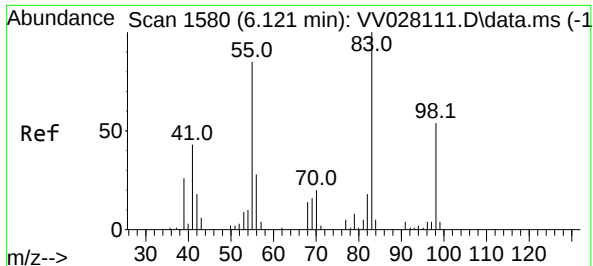


#25
Chloroform
Concen: 0.084 ug/L
RT: 4.352 min Scan# 1030
Delta R.T. -0.013 min
Lab File: VV028112.D
Acq: 26 Sep 2022 11:25

Tgt Ion: 83 Resp: 2198

Ion	Ratio	Lower	Upper
83	100		
85	80.7	45.1	83.7





#35

Methylcyclohexane

Concen: 1.282 ug/L

RT: 6.060 min Scan# 1561

Delta R.T. -0.061 min

Lab File: VV028112.D

Acq: 26 Sep 2022 11:25

Instrument :

MSVOA_V

ClientSampleId :

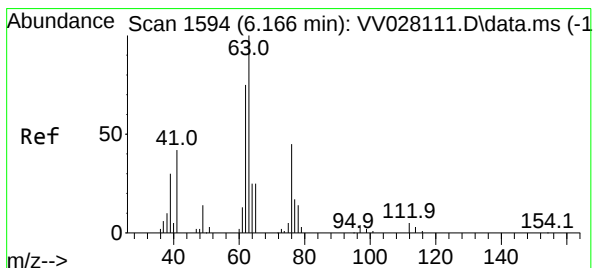
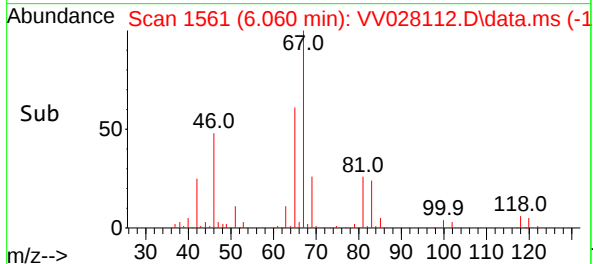
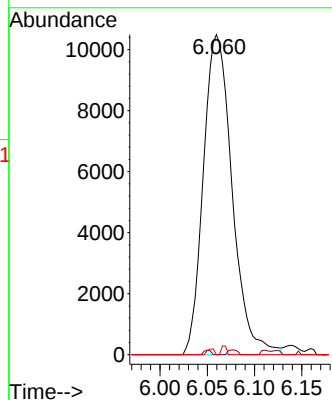
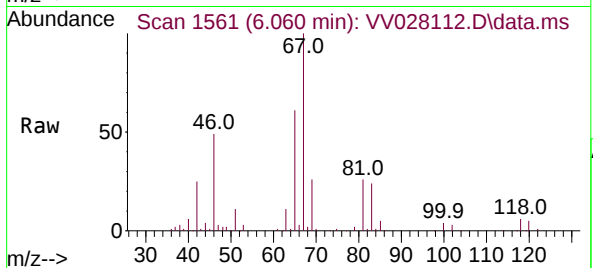
Tgt Ion: 83 Resp: 22225

Ion Ratio Lower Upper

83 100

55 0.3 64.7 97.1#

98 0.4 39.5 59.3#



#37

1,2-Dichloropropane

Concen: 0.717 ug/L

RT: 6.060 min Scan# 1561

Delta R.T. -0.106 min

Lab File: VV028112.D

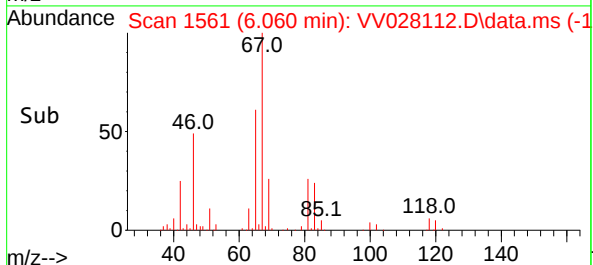
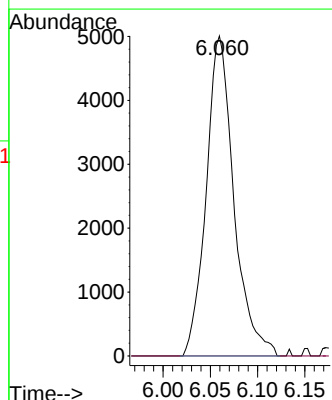
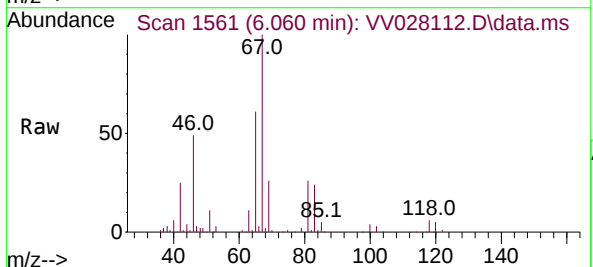
Acq: 26 Sep 2022 11:25

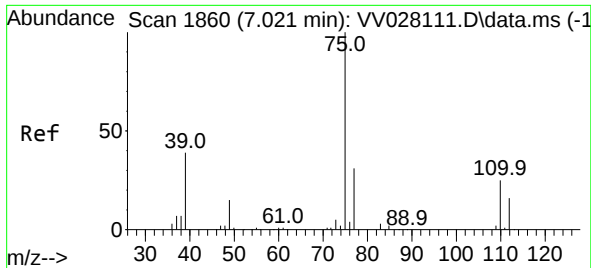
Tgt Ion: 63 Resp: 10212

Ion Ratio Lower Upper

63 100

112 0.0 3.5 5.3#





#39

cis-1,3-Dichloropropene

Concen: 0.118 ug/L

RT: 6.979 min Scan# 11

Delta R.T. -0.042 min

Lab File: VV028112.D

Acq: 26 Sep 2022 11:25

Instrument :

MSVOA_V

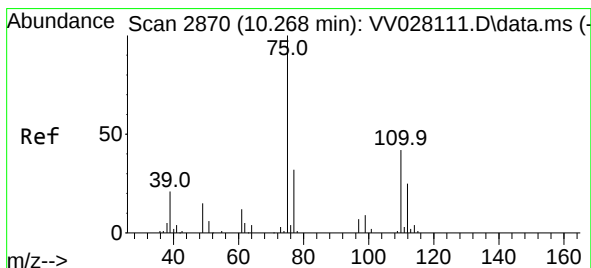
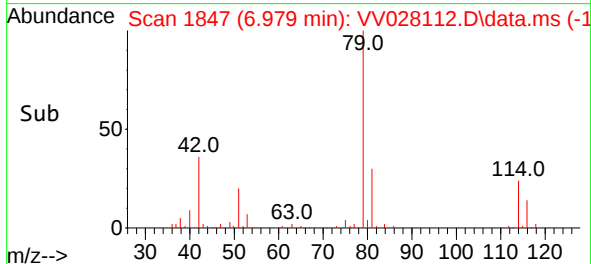
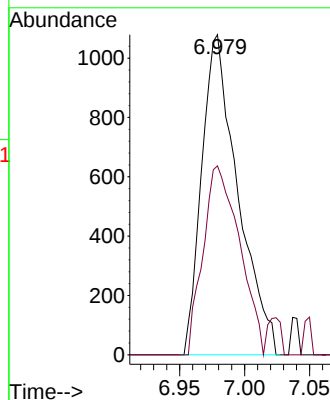
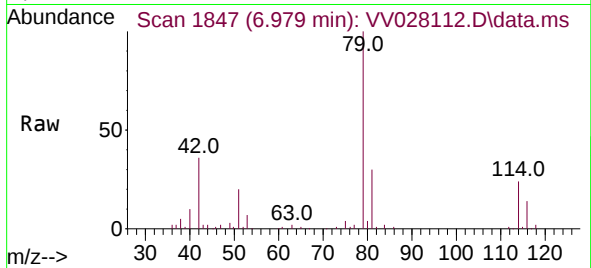
ClientSampleId :

Tgt Ion: 75 Resp: 2084

Ion Ratio Lower Upper

75 100

77 59.0 22.4 41.6#



#61

1,2,3-Trichloropropane

Concen: 1.401 ug/L

RT: 11.243 min Scan# 3173

Delta R.T. 0.974 min

Lab File: VV028112.D

Acq: 26 Sep 2022 11:25

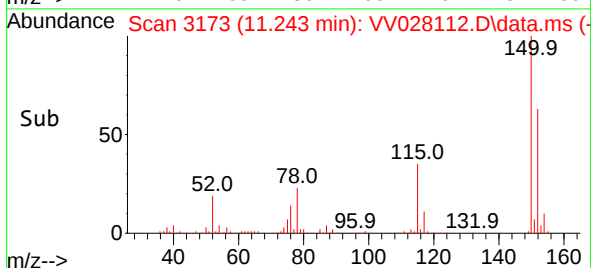
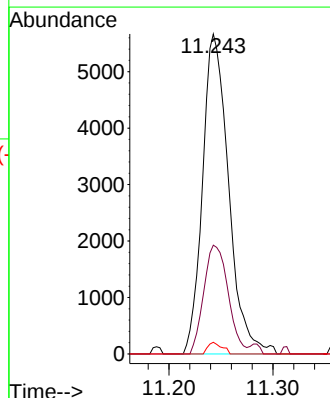
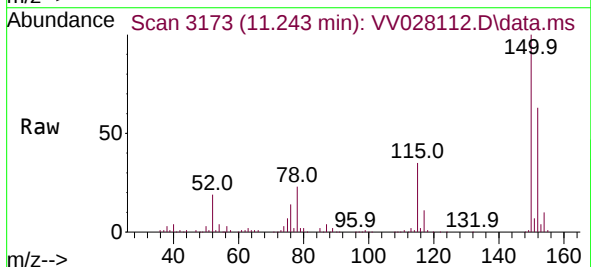
Tgt Ion: 75 Resp: 9878

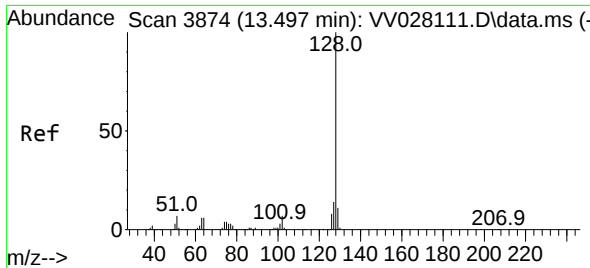
Ion Ratio Lower Upper

75 100

77 31.7 26.7 40.1

110 1.9 30.1 45.1#

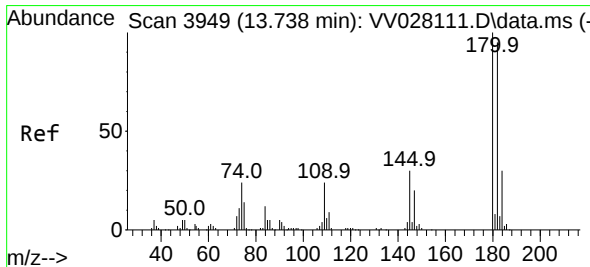
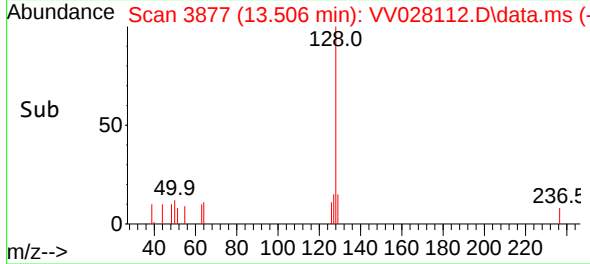
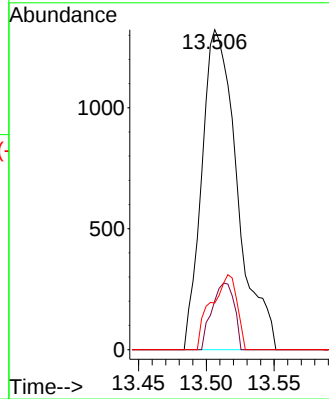
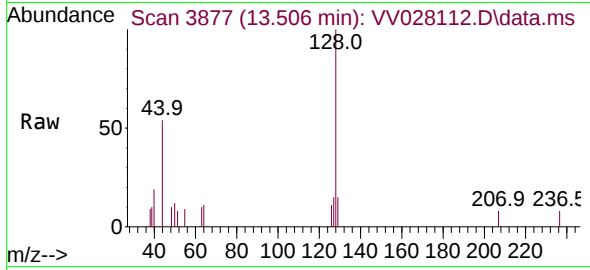




#71
Naphthalene
Concen: 0.094 ug/L
RT: 13.506 min Scan# 3911
Delta R.T. 0.010 min
Lab File: VV028112.D
Acq: 26 Sep 2022 11:25

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 2405
Ion Ratio Lower Upper
128 100
129 13.1 8.2 12.2#
127 17.0 10.4 15.6#



#72
1,2,3-Trichlorobenzene
Concen: 0.058 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. 0.006 min
Lab File: VV028112.D
Acq: 26 Sep 2022 11:25

Tgt Ion:180 Resp: 821
Ion Ratio Lower Upper
180 100
182 0.0 77.4 116.0#
145 21.6 24.6 36.8#

