

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092322\
 Data File : VV028093.D
 Acq On : 23 Sep 2022 10:59
 Operator : SY/MD
 Sample : N4621-13 40X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 24 01:25:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Sep 24 01:23:44 2022
 Response via : Initial Calibration

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

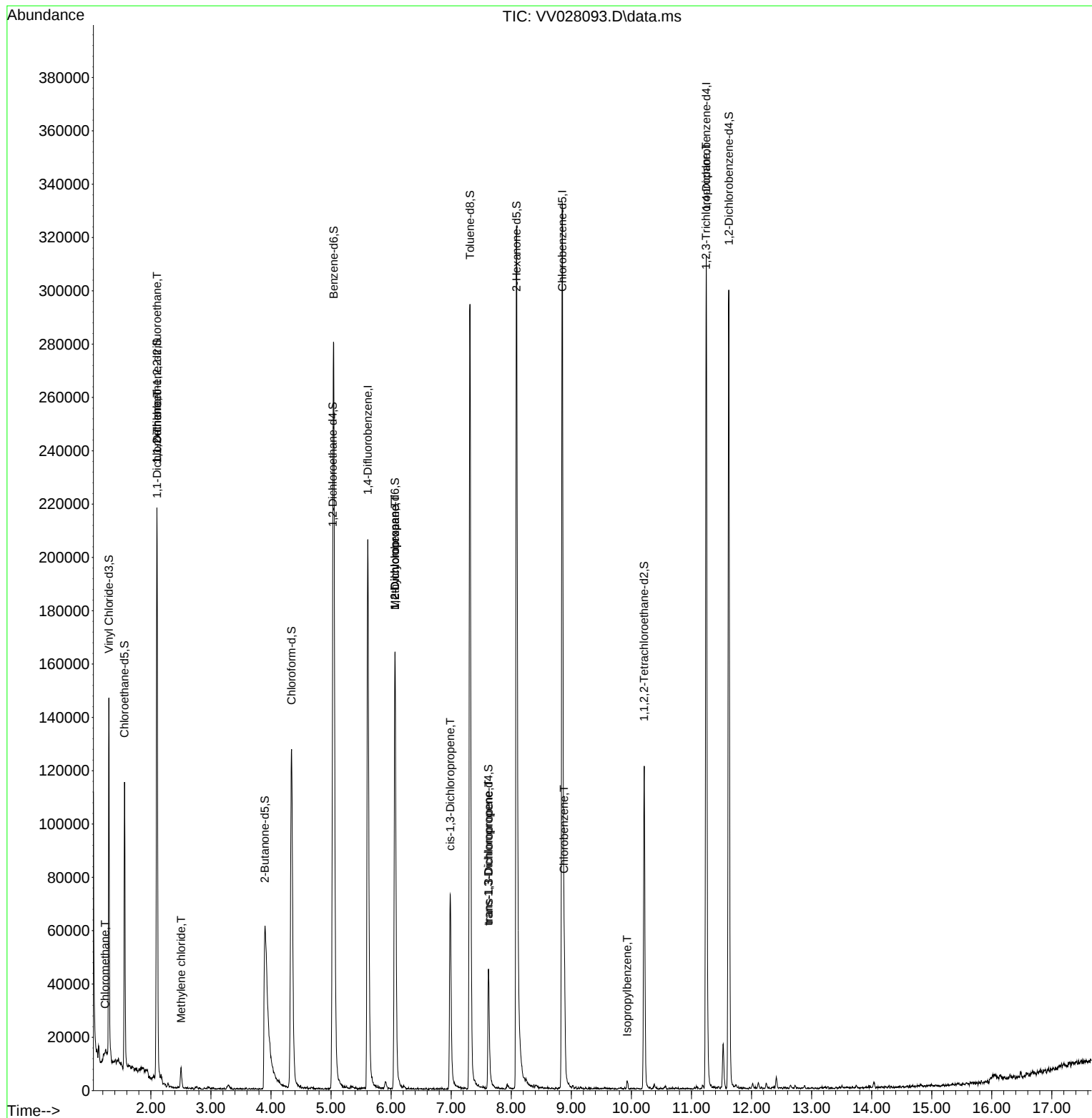
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	187997	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	191012	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	88956	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	84245	4.322	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	86.400%	
7) Chloroethane-d5	1.561	69	71381	4.606	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	92.200%	
11) 1,1-Dichloroethene-d2	2.101	63	111834	3.308	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	66.200%	
20) 2-Butanone-d5	3.899	46	143726	43.680	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	87.360%	
24) Chloroform-d	4.343	84	138617	4.457	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	89.200%	
26) 1,2-Dichloroethane-d4	5.027	65	68293	4.615	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	92.200%	
32) Benzene-d6	5.043	84	260240	4.155	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	83.200%	
36) 1,2-Dichloropropane-d6	6.063	67	85423	4.375	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	87.400%	
41) Toluene-d8	7.313	98	206547	3.643	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	72.800%	
43) trans-1,3-Dichloroprop...	7.619	79	27025	3.832	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	76.600%	
46) 2-Hexanone-d5	8.088	63	123122	41.826	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	83.660%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	59635	4.468	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	89.400%	
66) 1,2-Dichlorobenzene-d4	11.622	152	82988	4.756	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	95.200%	
Target Compounds						
3) Chloromethane	1.237	50	707	0.038	ug/L #	41
10) 1,1,2-Trichloro-1,2,2-...	2.101	101	1205	0.090	ug/L #	19
12) 1,1-Dichloroethene	2.105	96	1061	0.082	ug/L #	1
16) Methylene chloride	2.503	84	3059	0.211	ug/L	80
35) Methylcyclohexane	6.063	83	20332	1.123	ug/L #	17
37) 1,2-Dichloropropane	6.063	63	8404	0.565	ug/L #	87
39) cis-1,3-Dichloropropene	6.985	75	1732	0.094	ug/L #	67
44) trans-1,3-Dichloropropene	7.622	75	1319	0.083	ug/L	88
51) Chlorobenzene	8.879	112	30261	0.815	ug/L	97
60) Isopropylbenzene	9.931	105	2143	0.041	ug/L #	82
61) 1,2,3-Trichloropropane	11.243	75	9267	1.242	ug/L #	68

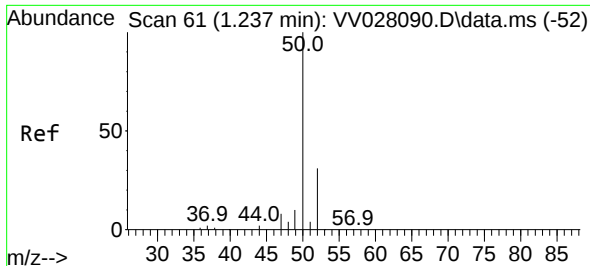
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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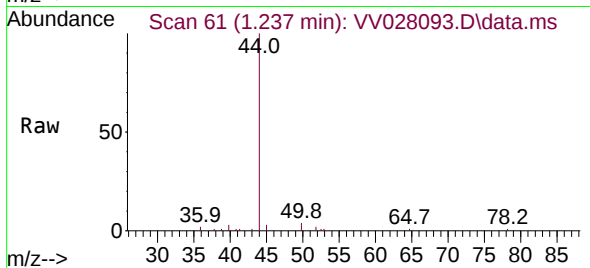


#3
 Chloromethane
 Concen: 0.038 ug/L
 RT: 1.237 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: VV028093.D
 Acq: 23 Sep 2022 10:59

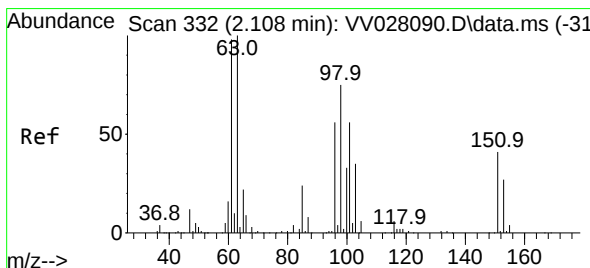
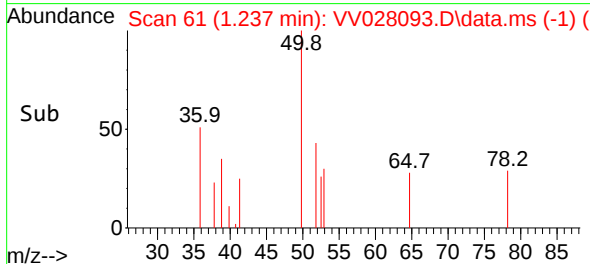
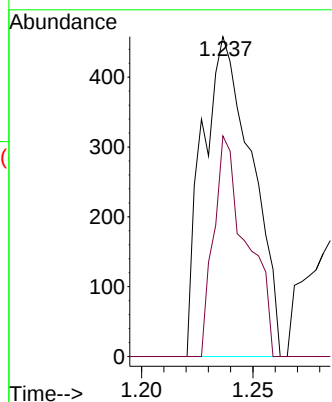
Instrument :

MSVOA_V

ClientSampleId :

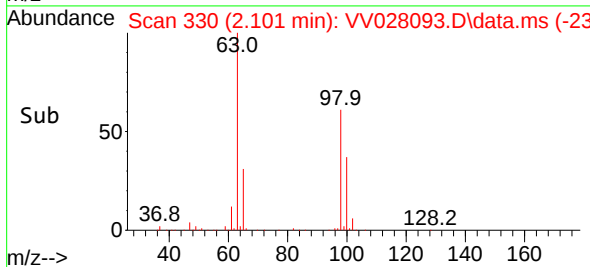
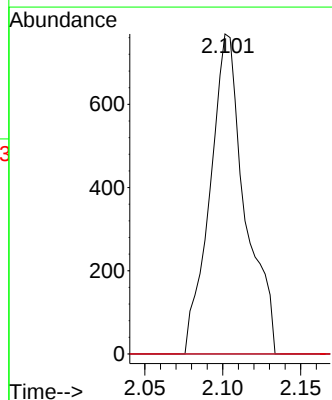
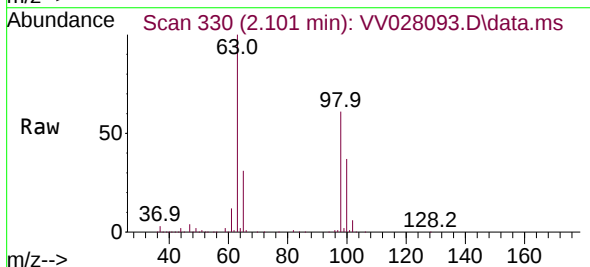


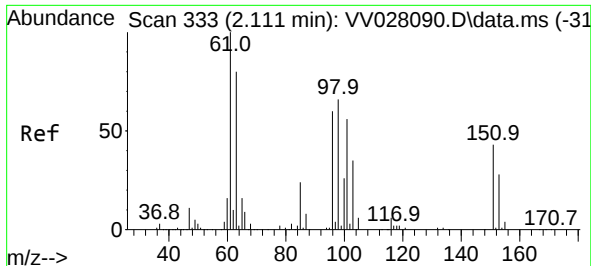
Tgt Ion: 50 Resp: 707
 Ion Ratio Lower Upper
 50 100
 52 69.0 24.4 45.2#



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.090 ug/L
 RT: 2.101 min Scan# 330
 Delta R.T. -0.006 min
 Lab File: VV028093.D
 Acq: 23 Sep 2022 10:59

Tgt Ion: 101 Resp: 1205
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.4 51.6#
 151 0.0 61.1 91.7#





#12

1,1-Dichloroethene

Concen: 0.082 ug/L

RT: 2.105 min Scan# 31

Delta R.T. -0.006 min

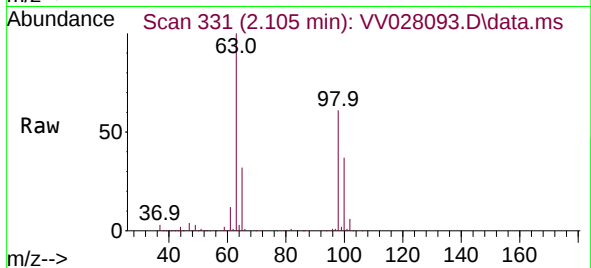
Lab File: VV028093.D

Acq: 23 Sep 2022 10:59

Instrument :

MSVOA_V

ClientSampleId :



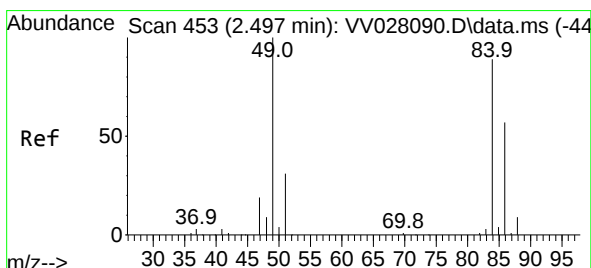
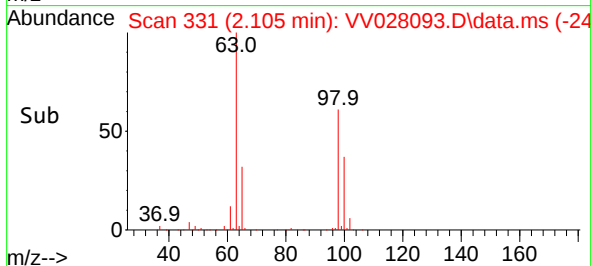
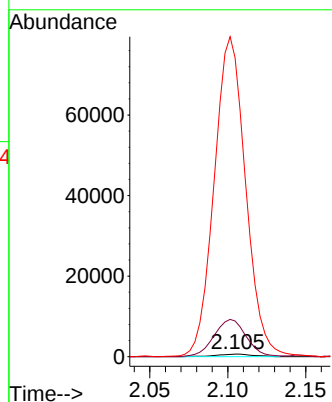
Tgt Ion: 96 Resp: 1061

Ion Ratio Lower Upper

96 100

61 1347.3 128.3 238.3#

63 11259.5 112.7 209.3#



#16

Methylene chloride

Concen: 0.211 ug/L

RT: 2.503 min Scan# 455

Delta R.T. 0.006 min

Lab File: VV028093.D

Acq: 23 Sep 2022 10:59

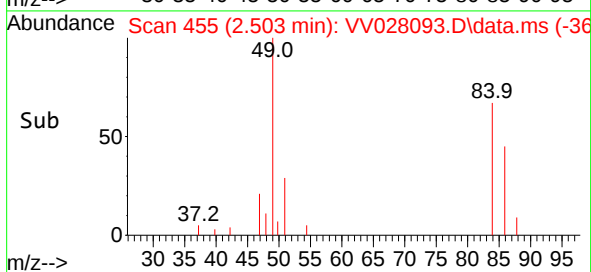
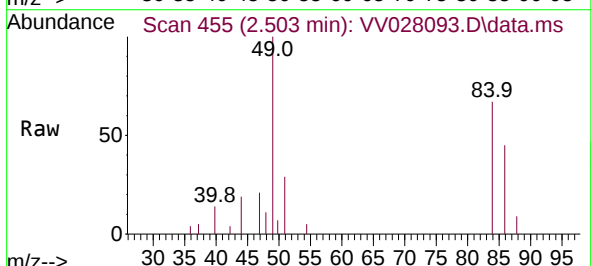
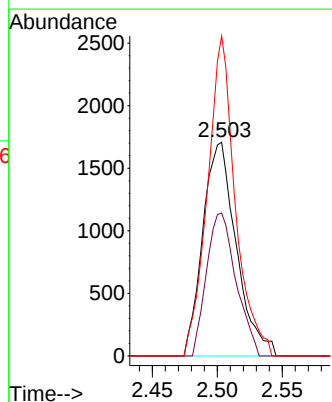
Tgt Ion: 84 Resp: 3059

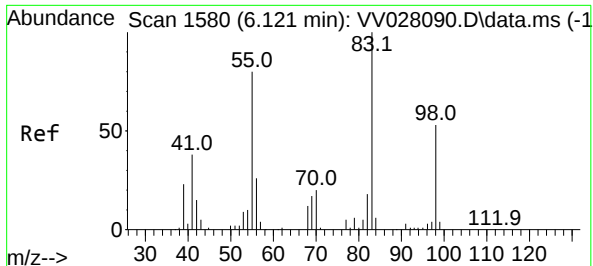
Ion Ratio Lower Upper

84 100

86 66.8 46.8 86.8

49 160.0 87.5 162.5





#35

Methylcyclohexane

Concen: 1.123 ug/L

RT: 6.063 min Scan# 1562

Delta R.T. -0.058 min

Lab File: VV028093.D

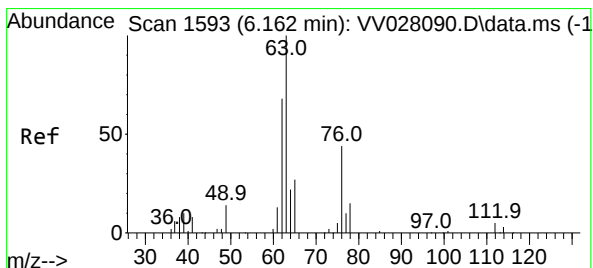
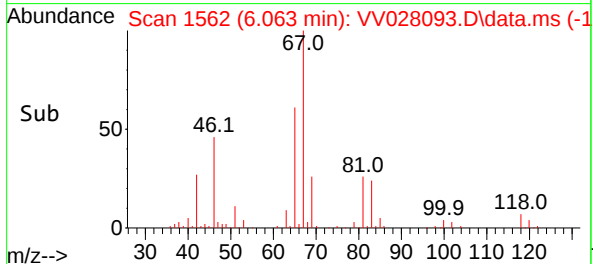
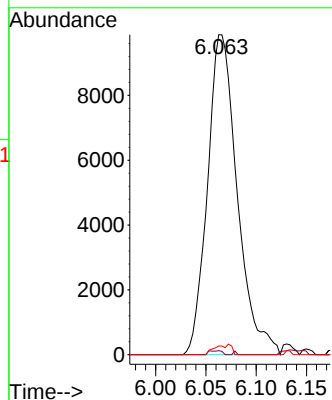
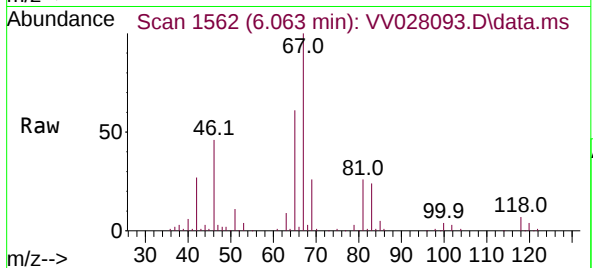
Acq: 23 Sep 2022 10:59

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	83	Resp:	20332
Ion Ratio	Lower	Upper	
83	100		
55	0.5	64.7	97.1#
98	0.8	39.5	59.3#



#37

1,2-Dichloropropane

Concen: 0.565 ug/L

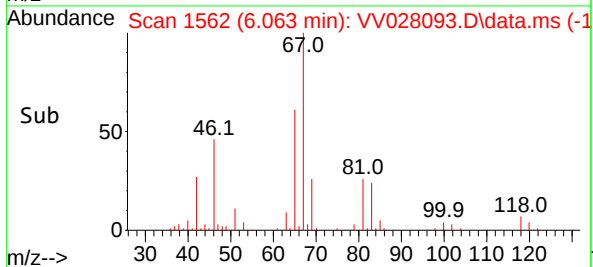
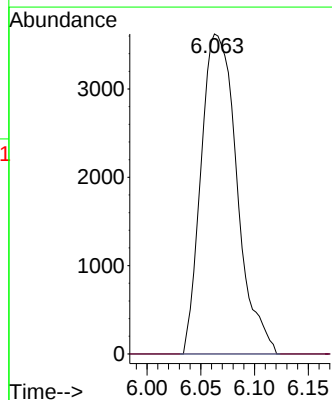
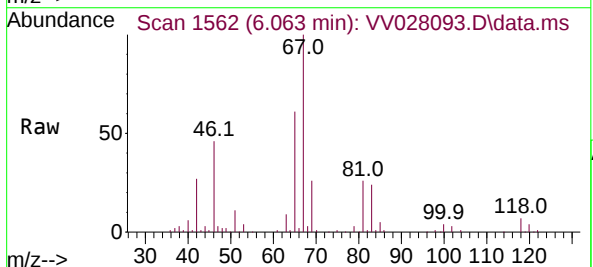
RT: 6.063 min Scan# 1562

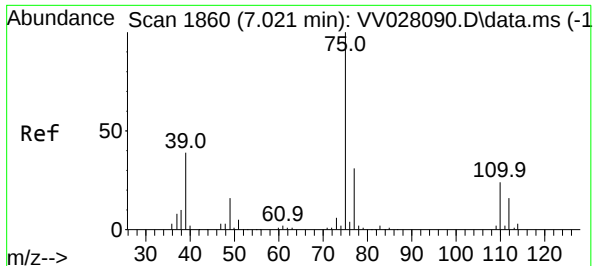
Delta R.T. -0.100 min

Lab File: VV028093.D

Acq: 23 Sep 2022 10:59

Tgt Ion:	63	Resp:	8404
Ion Ratio	Lower	Upper	
63	100		
112	0.2	3.5	5.3#





#39

cis-1,3-Dichloropropene

Concen: 0.094 ug/L

RT: 6.985 min Scan# 11

Delta R.T. -0.035 min

Lab File: VV028093.D

Acq: 23 Sep 2022 10:59

Instrument :

MSVOA_V

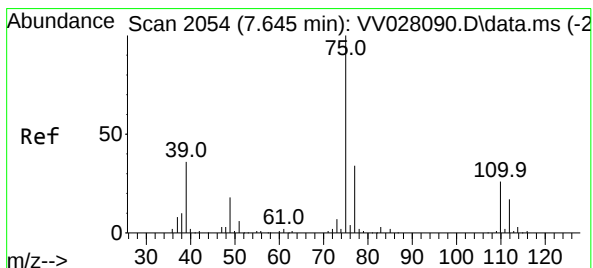
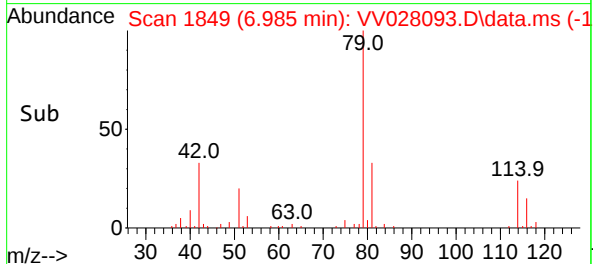
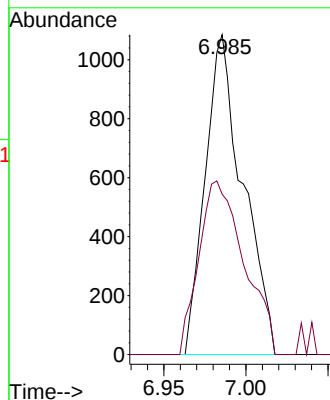
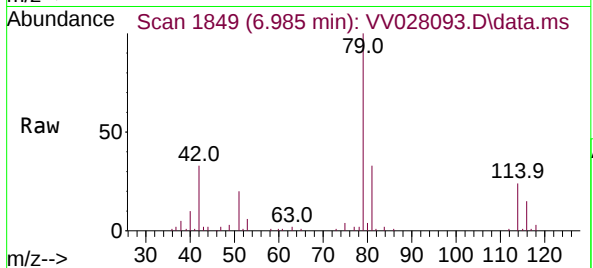
ClientSampleId :

Tgt Ion: 75 Resp: 1732

Ion Ratio Lower Upper

75 100

77 50.1 22.4 41.6#



#44

trans-1,3-Dichloropropene

Concen: 0.083 ug/L

RT: 7.622 min Scan# 2047

Delta R.T. -0.023 min

Lab File: VV028093.D

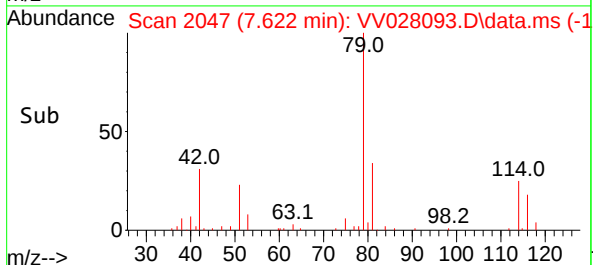
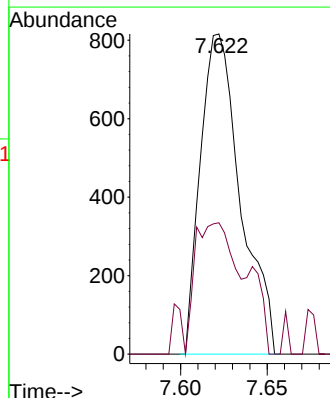
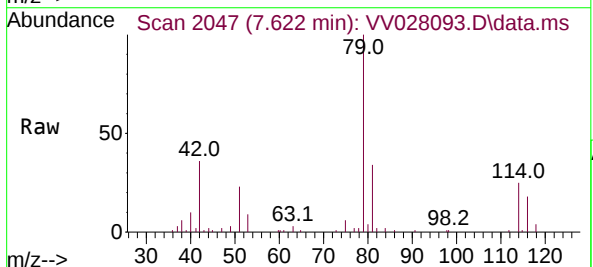
Acq: 23 Sep 2022 10:59

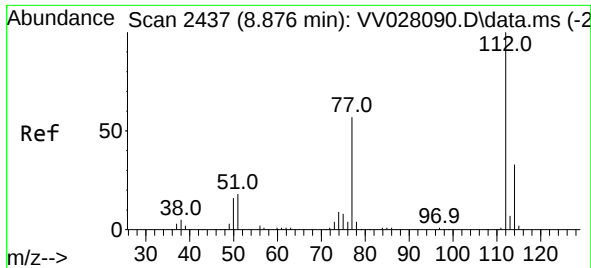
Tgt Ion: 75 Resp: 1319

Ion Ratio Lower Upper

75 100

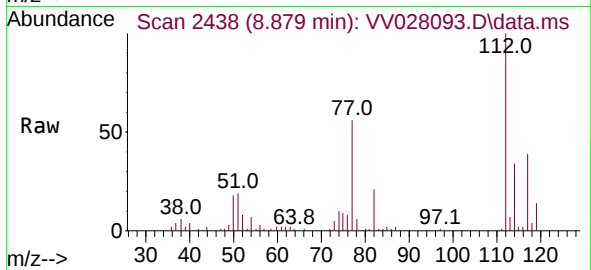
77 41.1 23.9 44.3



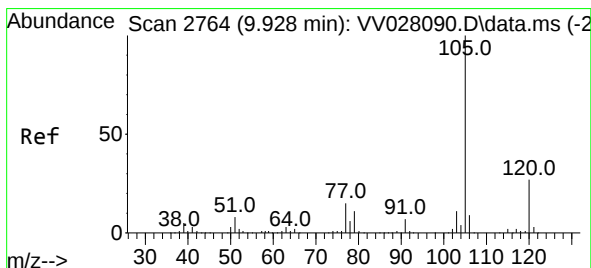
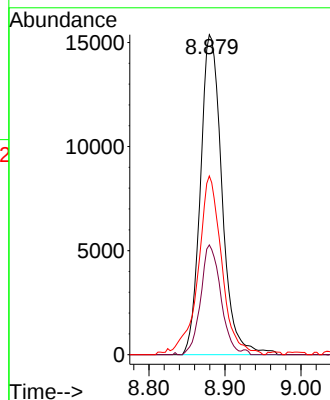
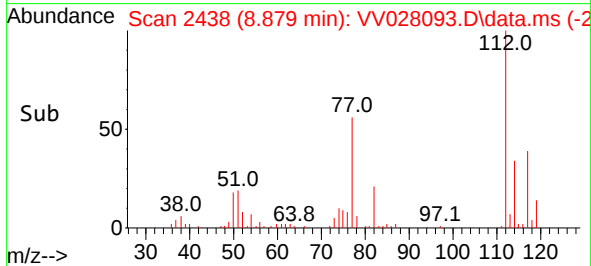


#51
Chlorobenzene
Concen: 0.815 ug/L
RT: 8.879 min Scan# 2437
Delta R.T. 0.003 min
Lab File: VV028093.D
Acq: 23 Sep 2022 10:59

Instrument :
MSVOA_V
ClientSampleId :

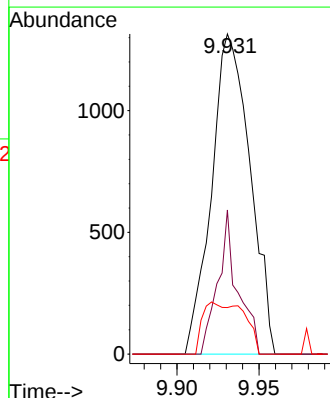
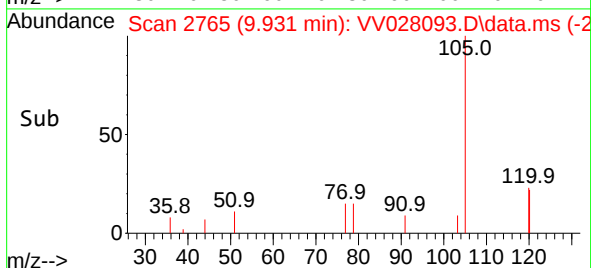
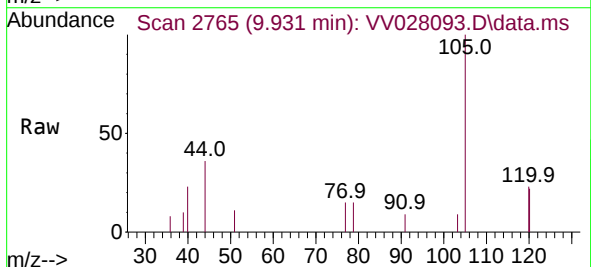


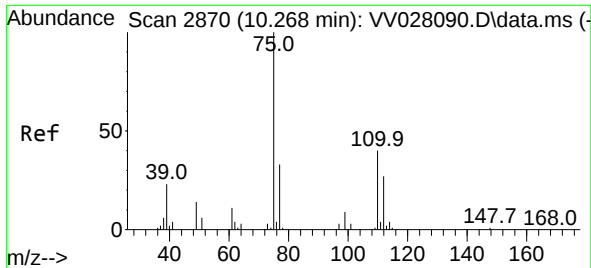
Tgt Ion:112 Resp: 30261
Ion Ratio Lower Upper
112 100
114 34.3 22.5 41.7
77 55.9 46.1 69.1



#60
Isopropylbenzene
Concen: 0.041 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. 0.003 min
Lab File: VV028093.D
Acq: 23 Sep 2022 10:59

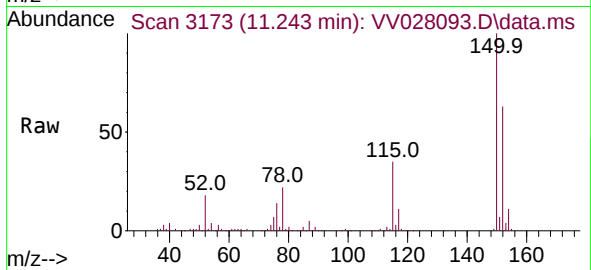
Tgt Ion:105 Resp: 2143
Ion Ratio Lower Upper
105 100
120 23.3 21.4 32.0
77 0.0 12.2 18.4#





#61
 1,2,3-Trichloropropane
 Concen: 1.242 ug/L
 RT: 11.243 min Scan# 31
 Delta R.T. 0.974 min
 Lab File: VV028093.D
 Acq: 23 Sep 2022 10:59

Instrument :
 MSVOA_V
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Tgt Ion: 75 Resp: 9267
 Ion Ratio Lower Upper
 75 100
 77 31.7 26.7 40.1
 110 2.6 30.1 45.1#

