

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120721\
 Data File : VW023815.D
 Acq On : 07 Dec 2021 12:09
 Operator : SY/MD
 Sample : M4879-06
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 08 01:14:50 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 02 02:08:23 2021
 Response via : Initial Calibration

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

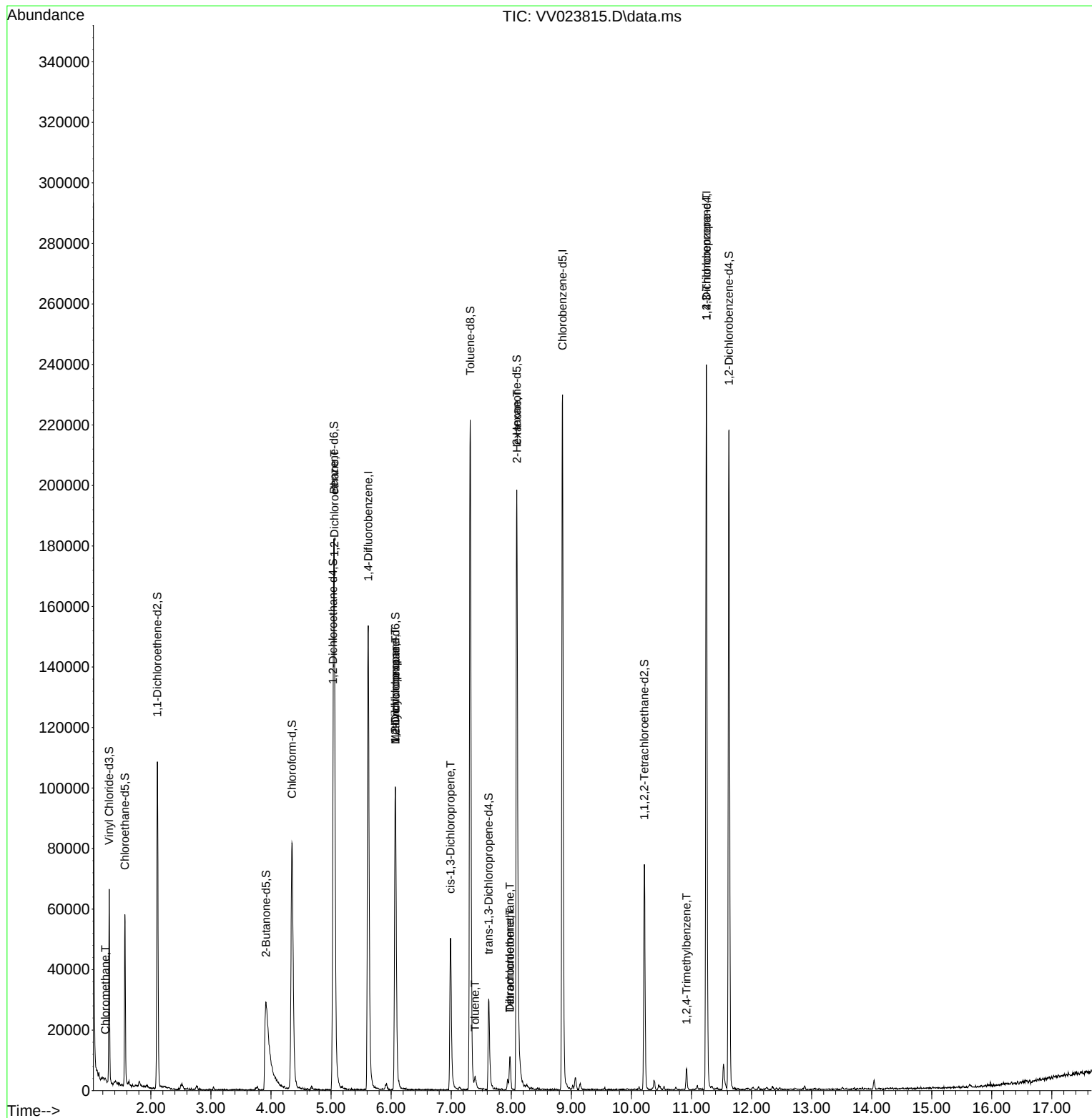
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	139051	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	132306	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	67039	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	36458	3.194	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	63.800%	
7) Chloroethane-d5	1.568	69	33408	3.723	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	74.400%	
11) 1,1-Dichloroethene-d2	2.108	63	56245	2.796	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	56.000%#	
20) 2-Butanone-d5	3.915	46	74120	54.013	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	108.020%	
24) Chloroform-d	4.349	84	86543	4.354	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	87.000%	
26) 1,2-Dichloroethane-d4	5.034	65	42209	4.545	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	91.000%	
32) Benzene-d6	5.050	84	165403	4.589	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	91.800%	
36) 1,2-Dichloropropane-d6	6.072	67	48242	4.774	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	95.400%	
41) Toluene-d8	7.317	98	150798	4.478	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	89.600%	
43) trans-1,3-Dichloroprop...	7.625	79	18504	4.543	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	90.800%	
46) 2-Hexanone-d5	8.091	63	77674	57.401	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	114.800%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	33360	4.588	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	91.800%	
66) 1,2-Dichlorobenzene-d4	11.625	152	60873	5.136	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	102.800%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.243	50	663	0.058	ug/L	85
27) 1,2-Dichloroethane	5.056	62	1013	0.096	ug/L #	73
35) Methylcyclohexane	6.072	83	13105	0.832	ug/L #	18
37) 1,2-Dichloropropane	6.069	63	5720	0.638	ug/L #	84
39) cis-1,3-Dichloropropene	6.989	75	1440	0.113	ug/L #	46
42) Toluene	7.400	91	2598	0.064	ug/L	97
47) Tetrachloroethene	7.979	164	2377	0.258	ug/L #	83
48) 2-Hexanone	8.095	43	9324	2.947	ug/L #	67
49) Dibromochloromethane	7.979	129	2605	0.306	ug/L #	11
61) 1,2,3-Trichloropropane	11.249	75	7020	1.477	ug/L #	63
63) 1,2,4-Trimethylbenzene	10.918	105	3918	0.119	ug/L	97

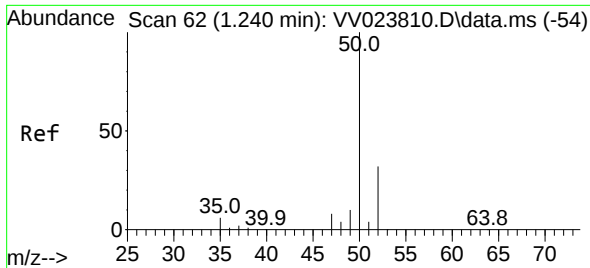
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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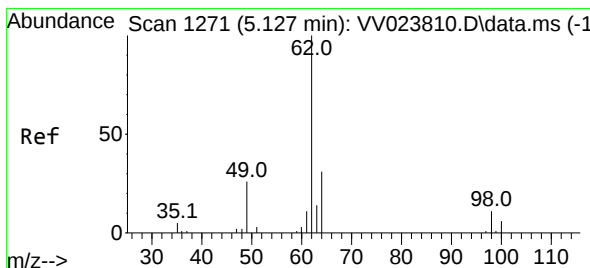
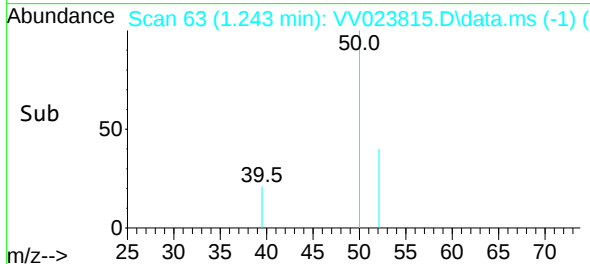
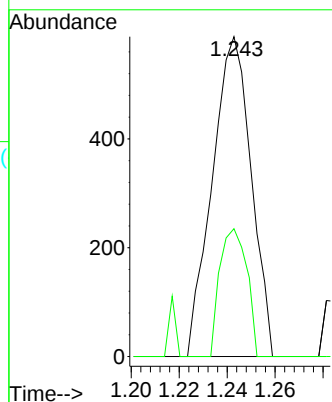
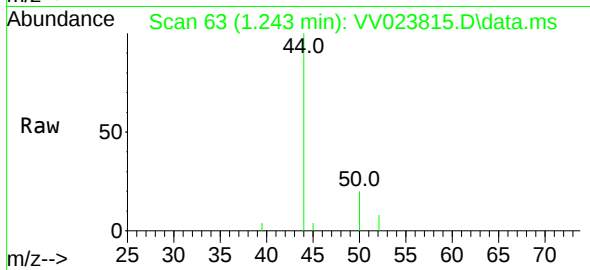




#3
Chloromethane
Concen: 0.058 ug/L
RT: 1.243 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV023815.D
Acq: 07 Dec 2021 12:09

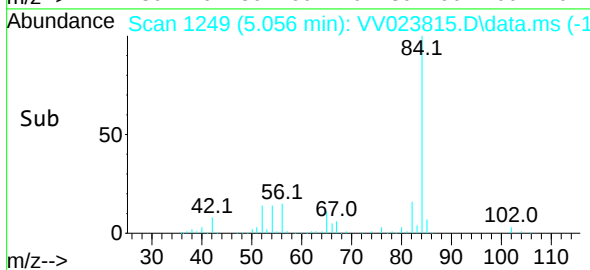
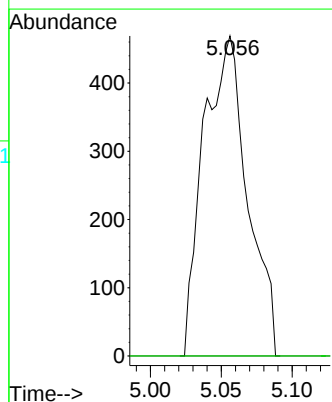
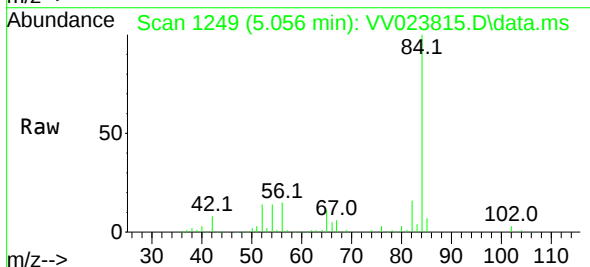
Instrument :
MSVOA_V
ClientSampleId :

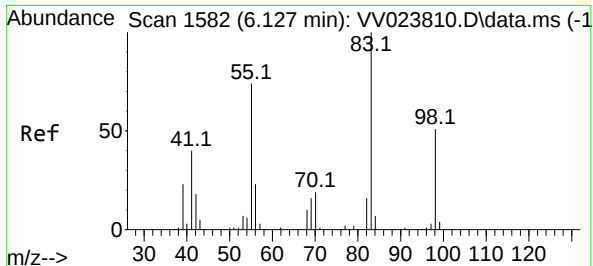
Tgt Ion: 50 Resp: 663
Ion Ratio Lower Upper
50 100
52 40.0 22.0 41.0



#27
1,2-Dichloroethane
Concen: 0.096 ug/L
RT: 5.056 min Scan# 1249
Delta R.T. -0.071 min
Lab File: VV023815.D
Acq: 07 Dec 2021 12:09

Tgt Ion: 62 Resp: 1013
Ion Ratio Lower Upper
62 100
98 0.0 8.1 12.1#

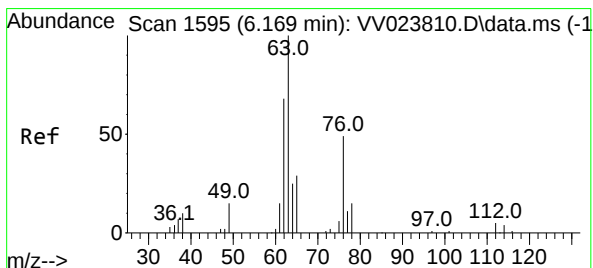
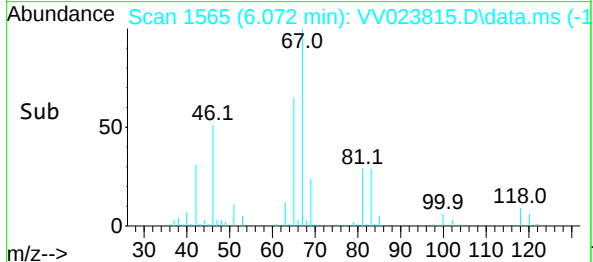
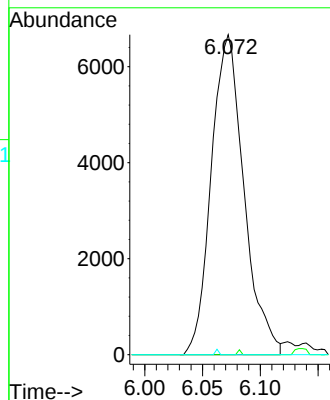
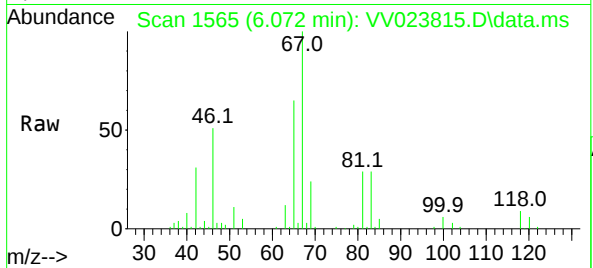




#35
Methylcyclohexane
Concen: 0.832 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.055 min
Lab File: VV023815.D
Acq: 07 Dec 2021 12:09

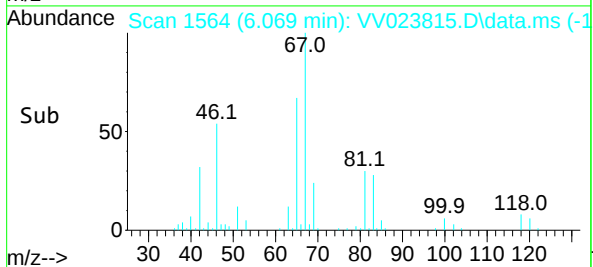
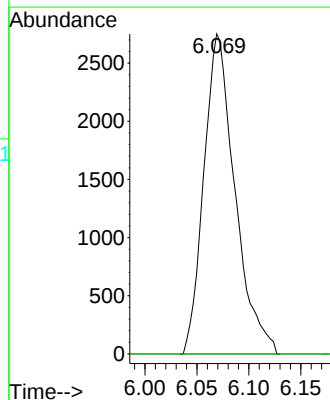
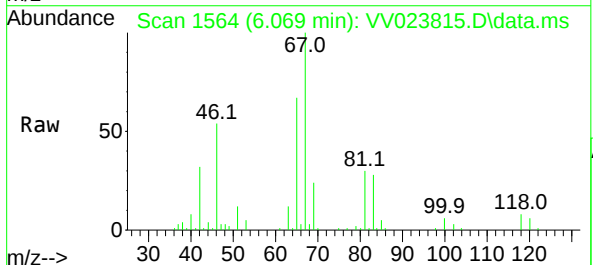
Instrument :
MSVOA_V
ClientSampleId :

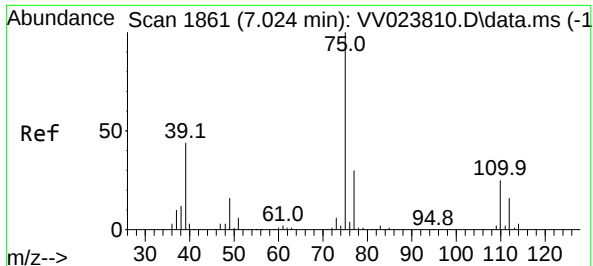
Tgt Ion: 83 Resp: 13105
Ion Ratio Lower Upper
83 100
55 0.2 60.2 90.2#
98 0.2 41.0 61.4#



#37
1,2-Dichloropropane
Concen: 0.638 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.100 min
Lab File: VV023815.D
Acq: 07 Dec 2021 12:09

Tgt Ion: 63 Resp: 5720
Ion Ratio Lower Upper
63 100
112 0.0 4.3 6.5#





#39

cis-1,3-Dichloropropene

Concen: 0.113 ug/L

RT: 6.989 min Scan# 1861

Delta R.T. -0.035 min

Lab File: VV023815.D

Acq: 07 Dec 2021 12:09

Instrument :

MSVOA_V

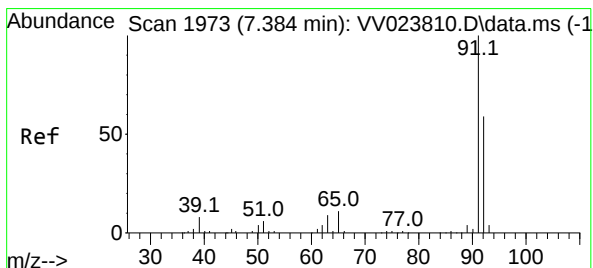
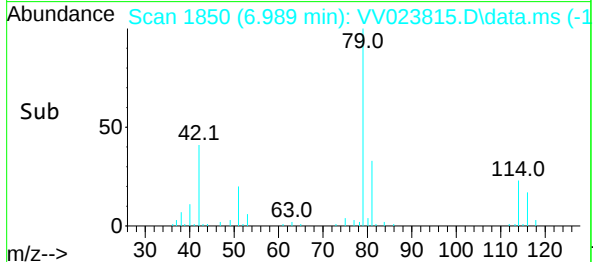
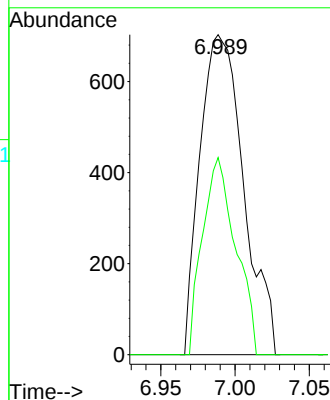
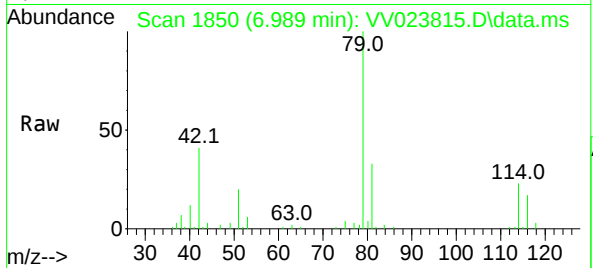
ClientSampleId :

Tgt Ion: 75 Resp: 1440

Ion Ratio Lower Upper

75 100

77 61.6 22.0 41.0#



#42

Toluene

Concen: 0.064 ug/L

RT: 7.400 min Scan# 1978

Delta R.T. 0.016 min

Lab File: VV023815.D

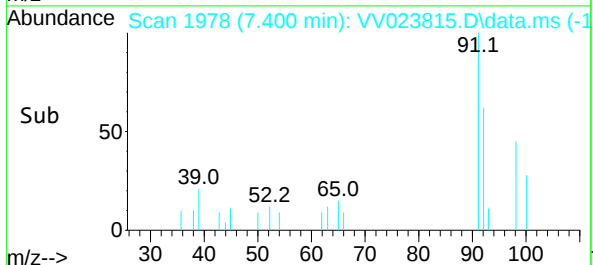
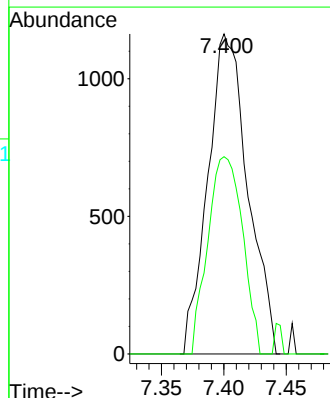
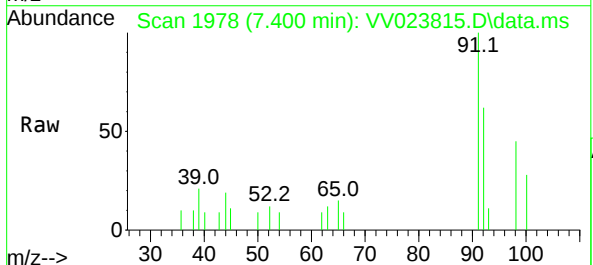
Acq: 07 Dec 2021 12:09

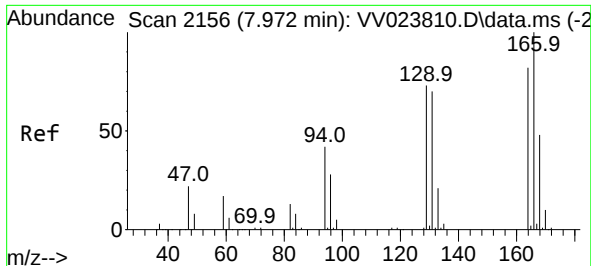
Tgt Ion: 91 Resp: 2598

Ion Ratio Lower Upper

91 100

92 61.7 41.5 77.1





#47

Tetrachloroethene

Concen: 0.258 ug/L

RT: 7.979 min Scan# 2156

Delta R.T. 0.006 min

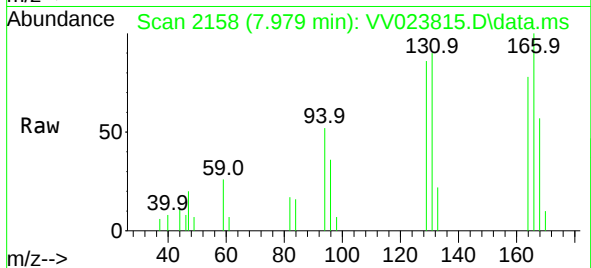
Lab File: VV023815.D

Acq: 07 Dec 2021 12:09

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:164 Resp: 2377

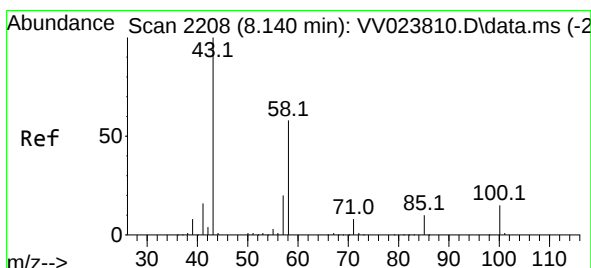
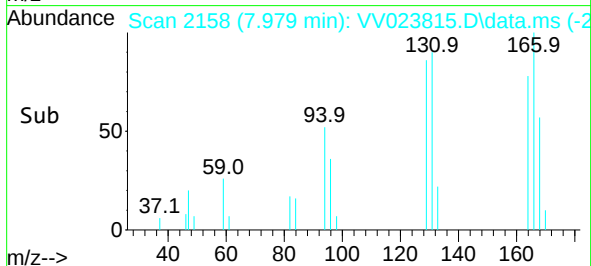
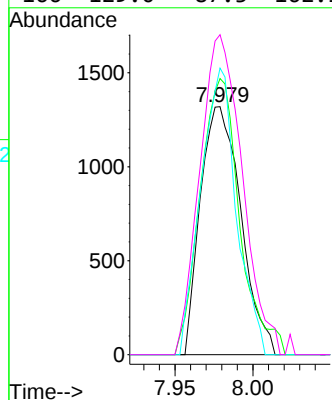
Ion Ratio Lower Upper

164 100

129 111.4 62.6 116.2

131 115.5 61.0 113.4#

166 129.0 87.3 162.1



#48

2-Hexanone

Concen: 2.947 ug/L

RT: 8.095 min Scan# 2194

Delta R.T. -0.045 min

Lab File: VV023815.D

Acq: 07 Dec 2021 12:09

Tgt Ion: 43 Resp: 9324

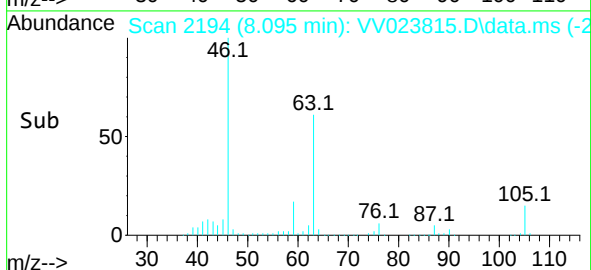
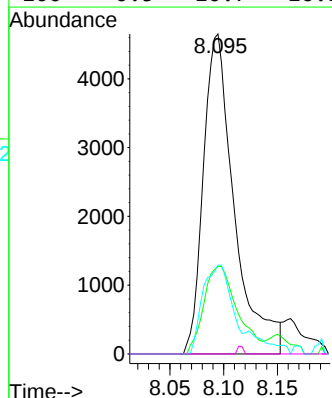
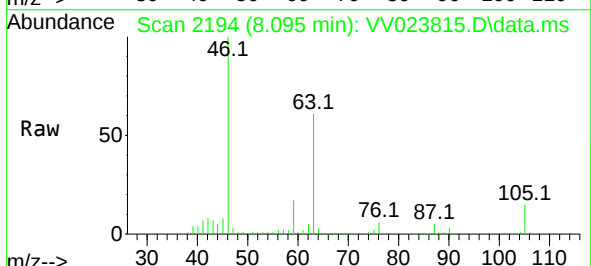
Ion Ratio Lower Upper

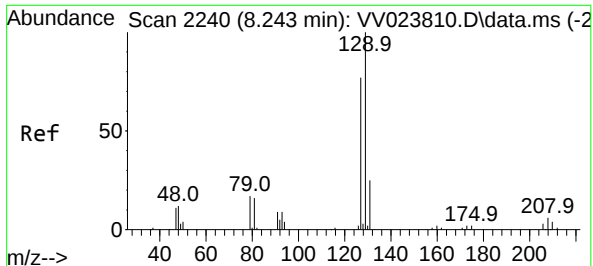
43 100

58 29.8 44.5 66.7#

57 30.9 15.1 22.7#

100 0.5 10.7 16.1#





#49

Dibromochloromethane

Concen: 0.306 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. -0.264 min

Lab File: VV023815.D

Acq: 07 Dec 2021 12:09

Instrument :

MSVOA_V

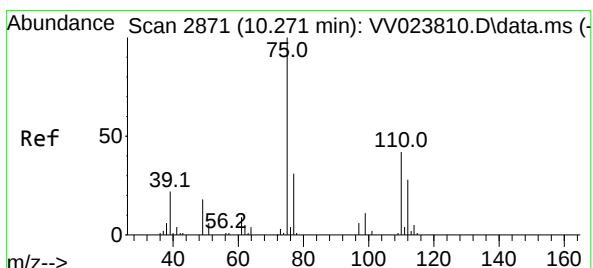
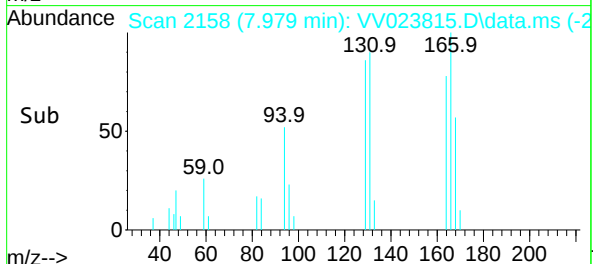
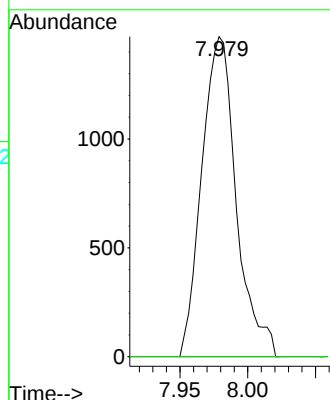
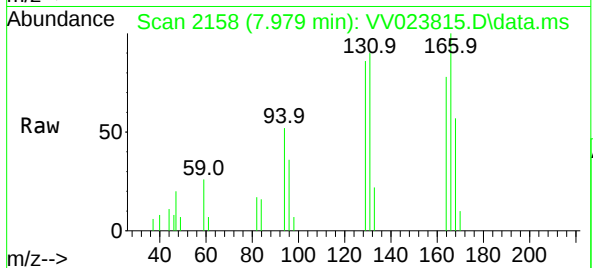
ClientSampleId :

Tgt Ion:129 Resp: 2605

Ion Ratio Lower Upper

129 100

127 0.0 53.5 99.3#



#61

1,2,3-Trichloropropane

Concen: 1.477 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.977 min

Lab File: VV023815.D

Acq: 07 Dec 2021 12:09

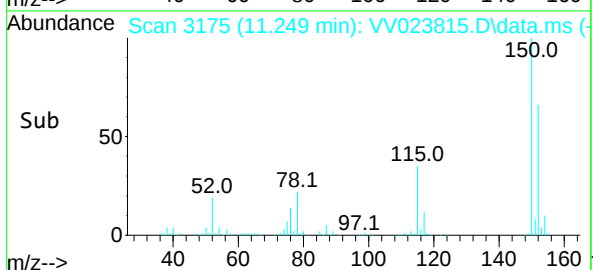
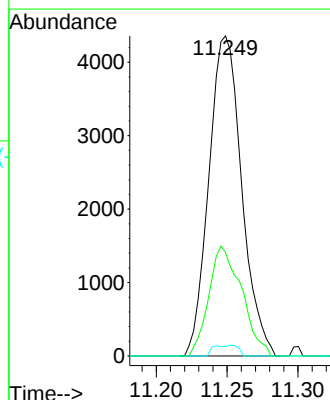
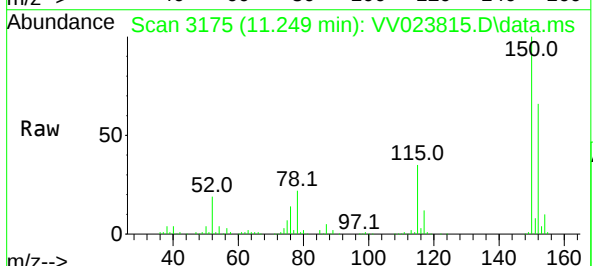
Tgt Ion: 75 Resp: 7020

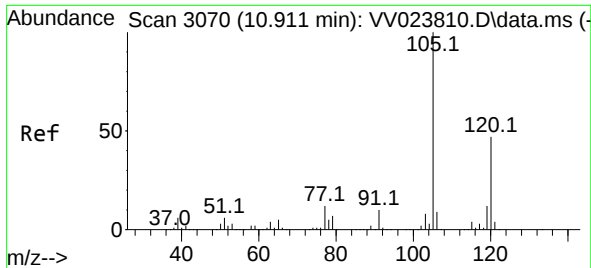
Ion Ratio Lower Upper

75 100

77 34.3 26.4 39.6

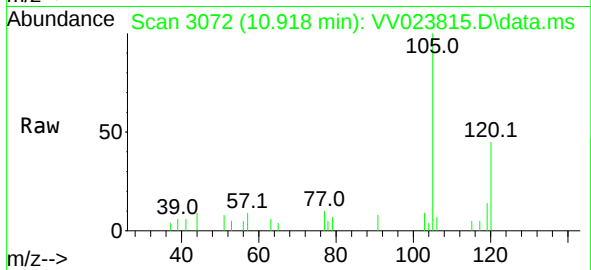
110 2.5 34.2 51.2#





#63
 1,2,4-Trimethylbenzene
 Concen: 0.119 ug/L
 RT: 10.918 min Scan# 3072
 Delta R.T. 0.006 min
 Lab File: VV023815.D
 Acq: 07 Dec 2021 12:09

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:105 Resp: 3918
 Ion Ratio Lower Upper
 105 100
 120 47.9 36.7 55.1

