

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111221\
 Data File : VW023448.D
 Acq On : 12 Nov 2021 18:00
 Operator : SY/MD
 Sample : M4580-16DL 400X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 13 01:57:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 13 01:39:11 2021
 Response via : Initial Calibration

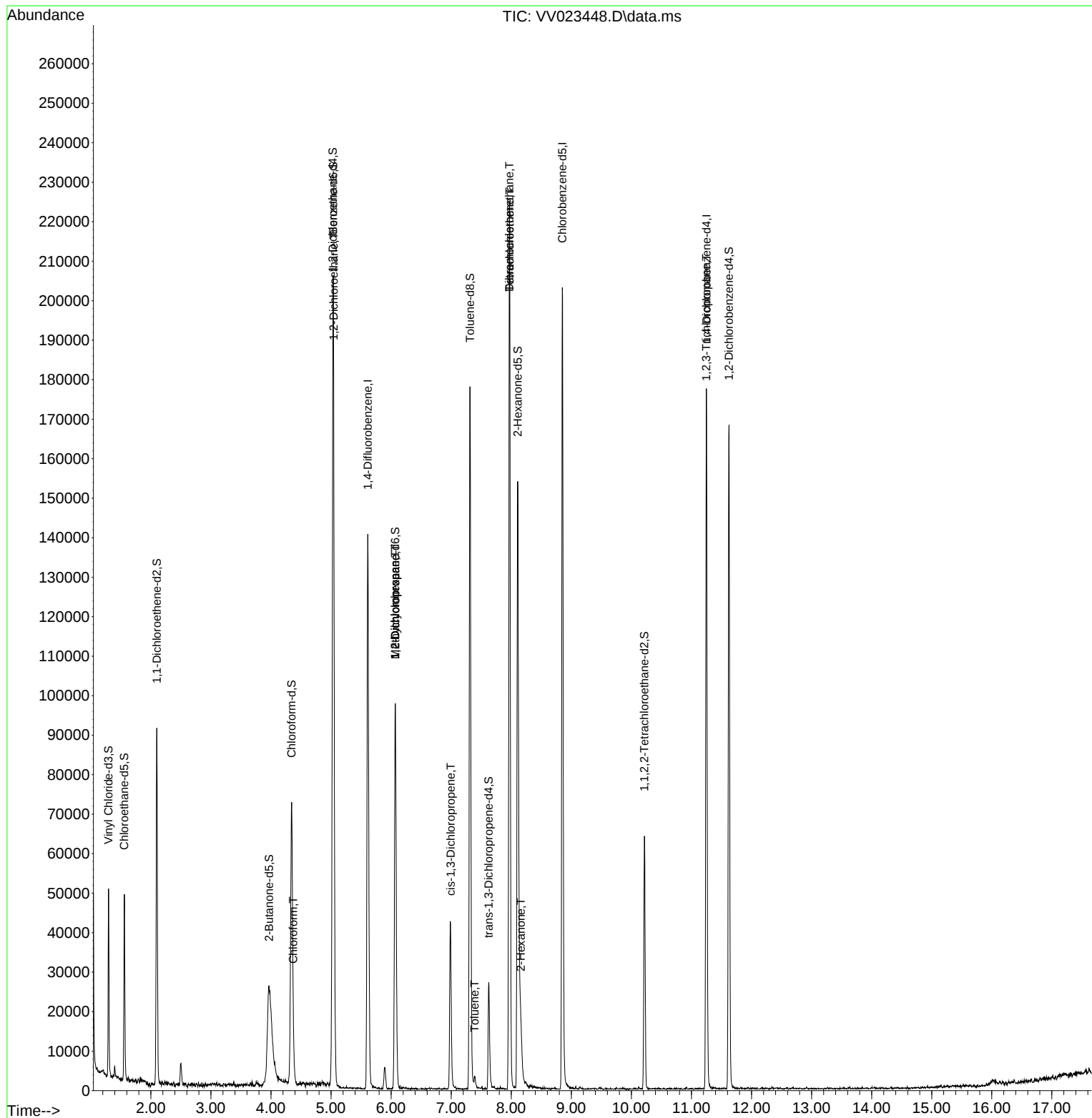
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	118701	5.000	ug/L	-0.02
28) Chlorobenzene-d5	8.850	117	114681	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	47598	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.294	65	28711	3.861	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	77.200%	
7) Chloroethane-d5	1.558	69	26286	4.337	ug/L	-0.02
Spiked Amount	5.000	Range 65 - 130	Recovery	=	86.800%	
11) 1,1-Dichloroethene-d2	2.098	63	46367	3.331	ug/L	-0.02
Spiked Amount	5.000	Range 60 - 125	Recovery	=	66.600%	
20) 2-Butanone-d5	3.966	46	79147	61.780	ug/L	-0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	123.560%	
24) Chloroform-d	4.342	84	67444	4.256	ug/L	-0.02
Spiked Amount	5.000	Range 70 - 125	Recovery	=	85.200%	
26) 1,2-Dichloroethane-d4	5.031	65	40783	5.723	ug/L	-0.02
Spiked Amount	5.000	Range 70 - 130	Recovery	=	114.400%	
32) Benzene-d6	5.037	84	159395	5.417	ug/L	-0.02
Spiked Amount	5.000	Range 70 - 125	Recovery	=	108.400%	
36) 1,2-Dichloropropane-d6	6.069	67	45734	5.280	ug/L	-0.03
Spiked Amount	5.000	Range 60 - 140	Recovery	=	105.600%	
41) Toluene-d8	7.313	98	117442	4.259	ug/L	-0.01
Spiked Amount	5.000	Range 70 - 130	Recovery	=	85.200%	
43) trans-1,3-Dichloroprop...	7.625	79	15388	4.685	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	93.800%	
46) 2-Hexanone-d5	8.108	63	49716	41.141	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	82.280%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	29223	4.691	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	93.800%	
66) 1,2-Dichlorobenzene-d4	11.625	152	44625	5.630	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	112.600%	
Target Compounds						
25) Chloroform	4.371	83	5370	0.343	ug/L	94
27) 1,2-Dichloroethane	5.043	62	1346	0.162	ug/L #	72
35) Methylcyclohexane	6.069	83	11341	0.843	ug/L #	22
37) 1,2-Dichloropropane	6.069	63	5284	0.706	ug/L #	83
39) cis-1,3-Dichloropropene	6.992	75	1256	0.117	ug/L #	60
42) Toluene	7.391	91	2065	0.060	ug/L	79
47) Tetrachloroethene	7.973	164	50901	6.890	ug/L	97
48) 2-Hexanone	8.159	43	8229	3.384	ug/L #	92
49) Dibromochloromethane	7.969	129	32963	4.839	ug/L #	10
61) 1,2,3-Trichloropropane	11.246	75	5076	1.605	ug/L #	65

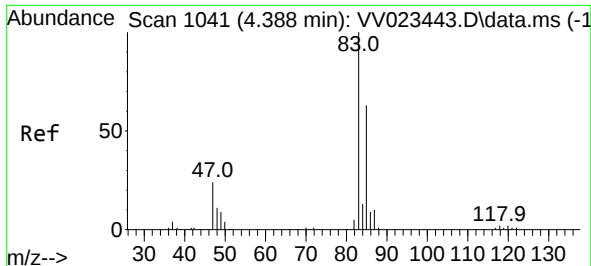
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#25

Chloroform

Concen: 0.343 ug/L

RT: 4.371 min Scan# 1

Delta R.T. -0.016 min

Lab File: VV023448.D

Acq: 12 Nov 2021 18:00

Instrument :

MSVOA_V

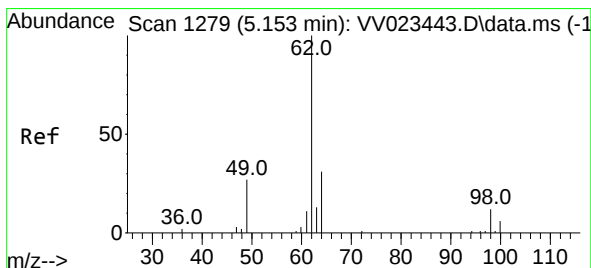
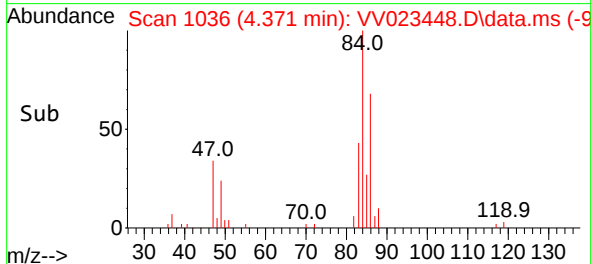
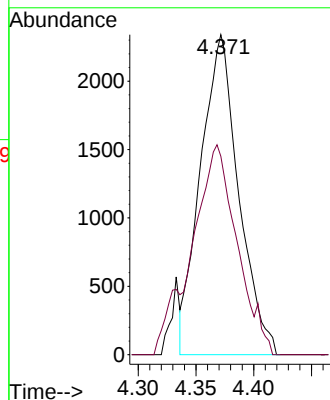
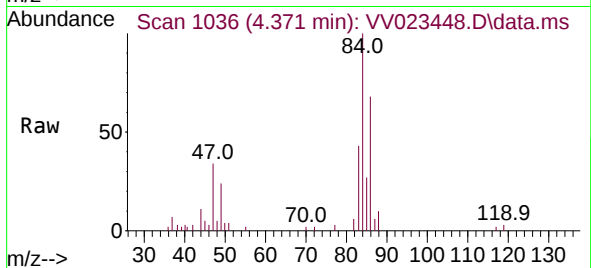
ClientSampleId :

Tgt Ion: 83 Resp: 5370

Ion Ratio Lower Upper

83 100

85 62.0 46.8 86.8



#27

1,2-Dichloroethane

Concen: 0.162 ug/L

RT: 5.043 min Scan# 1245

Delta R.T. -0.109 min

Lab File: VV023448.D

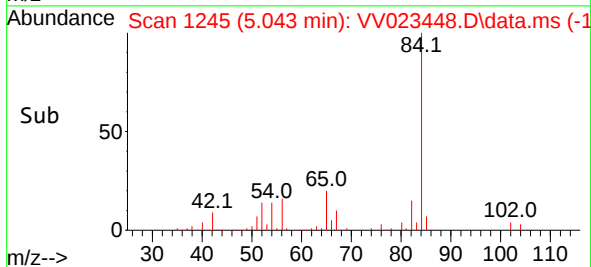
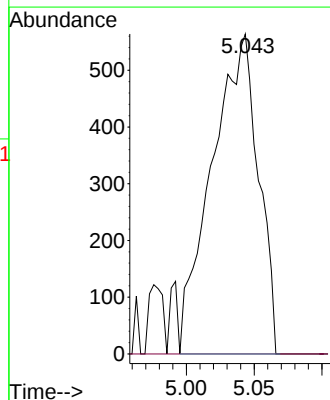
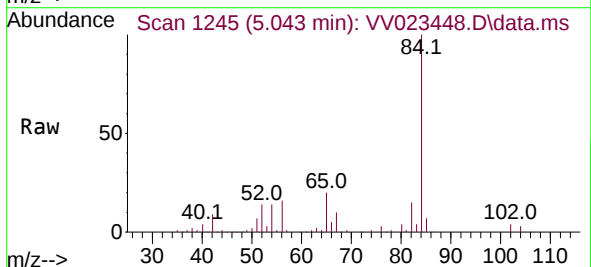
Acq: 12 Nov 2021 18:00

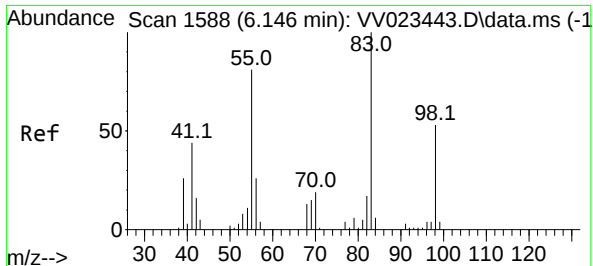
Tgt Ion: 62 Resp: 1346

Ion Ratio Lower Upper

62 100

98 0.0 8.2 12.4#





#35

Methylcyclohexane

Concen: 0.843 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.077 min

Lab File: VV023448.D

Acq: 12 Nov 2021 18:00

Instrument :

MSVOA_V

ClientSampleId :

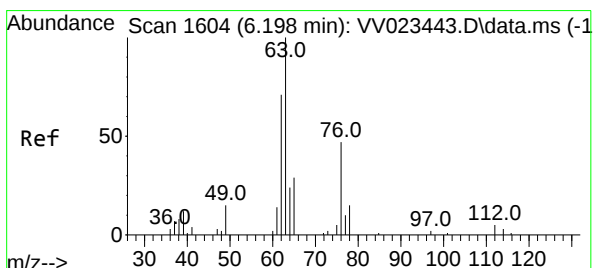
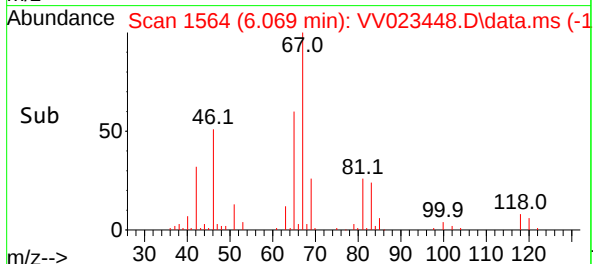
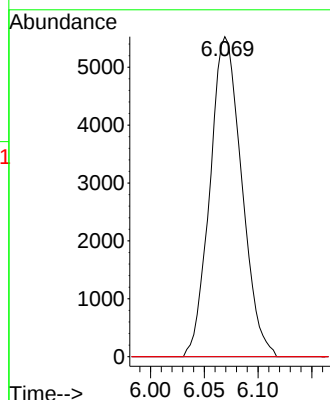
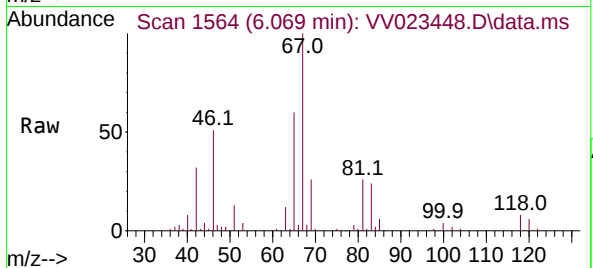
Tgt Ion: 83 Resp: 11341

Ion Ratio Lower Upper

83 100

55 0.0 62.8 94.2#

98 9.0 37.9 56.9#



#37

1,2-Dichloropropane

Concen: 0.706 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.129 min

Lab File: VV023448.D

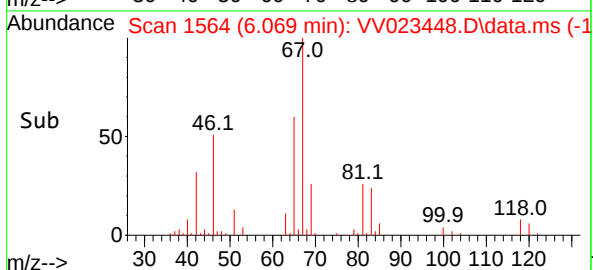
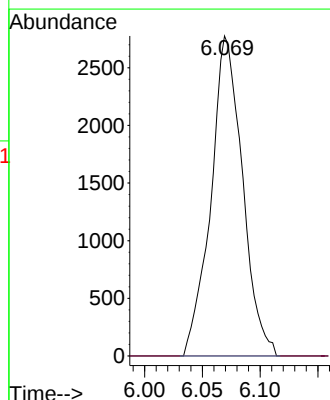
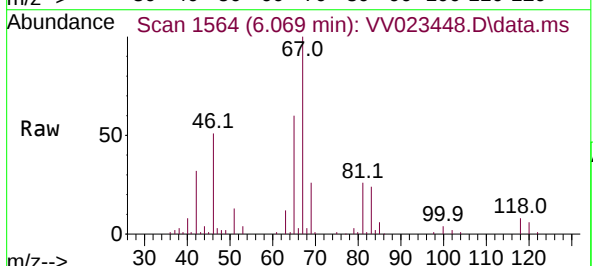
Acq: 12 Nov 2021 18:00

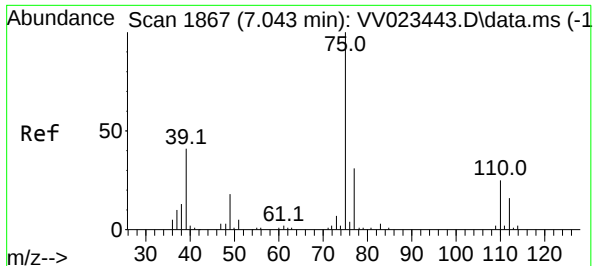
Tgt Ion: 63 Resp: 5284

Ion Ratio Lower Upper

63 100

112 0.0 4.6 6.8#





#39

cis-1,3-Dichloropropene

Concen: 0.117 ug/L

RT: 6.992 min Scan# 1851

Delta R.T. -0.051 min

Lab File: VV023448.D

Acq: 12 Nov 2021 18:00

Instrument :

MSVOA_V

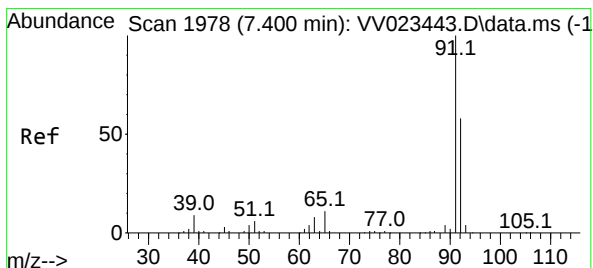
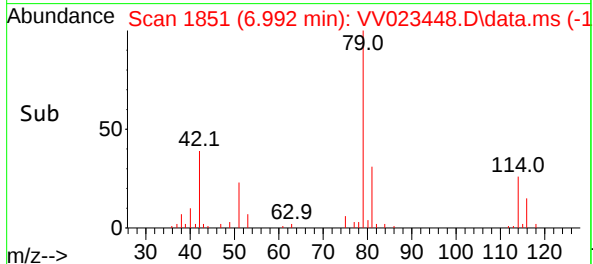
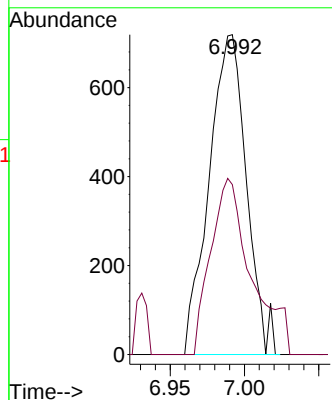
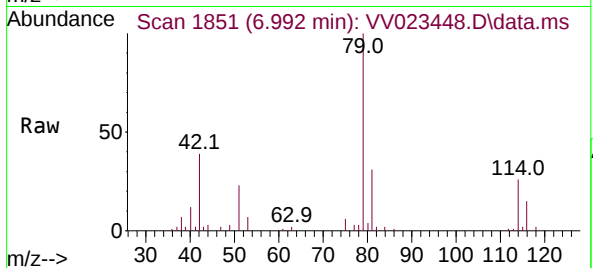
ClientSampleId :

Tgt Ion: 75 Resp: 1256

Ion Ratio Lower Upper

75 100

77 53.1 21.6 40.2#



#42

Toluene

Concen: 0.060 ug/L

RT: 7.391 min Scan# 1975

Delta R.T. -0.010 min

Lab File: VV023448.D

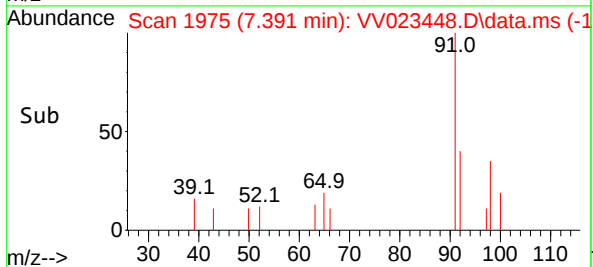
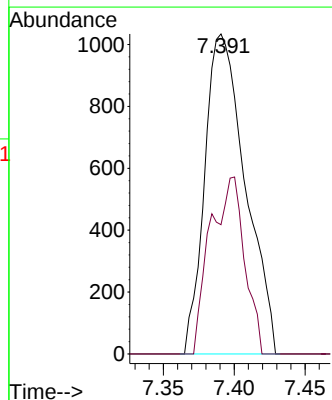
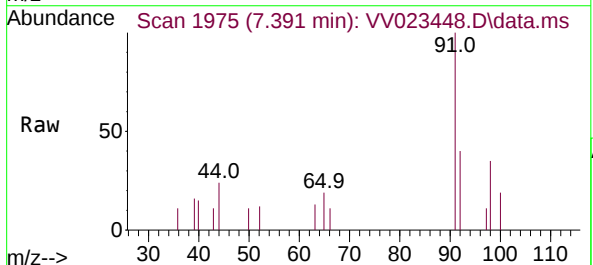
Acq: 12 Nov 2021 18:00

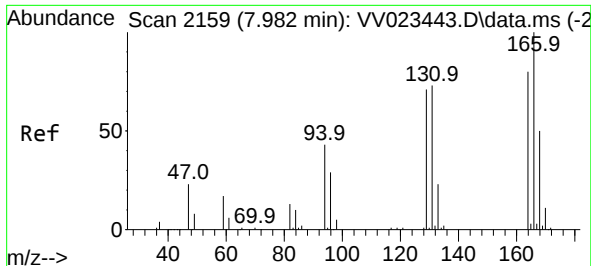
Tgt Ion: 91 Resp: 2065

Ion Ratio Lower Upper

91 100

92 40.4 39.3 72.9





#47

Tetrachloroethene

Concen: 6.890 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. -0.010 min

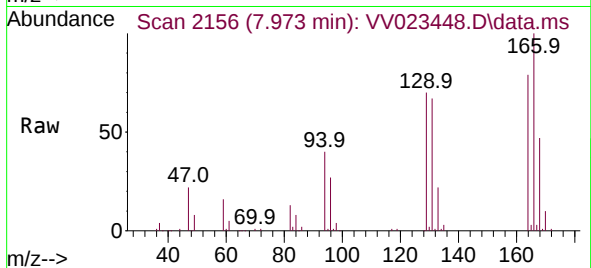
Lab File: VV023448.D

Acq: 12 Nov 2021 18:00

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:164 Resp: 50901

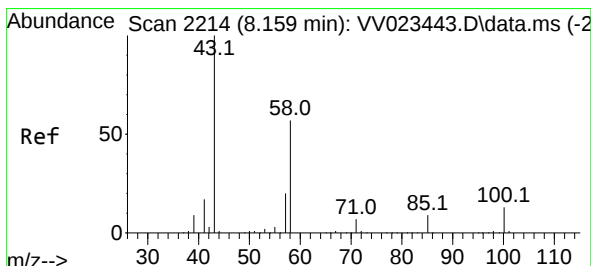
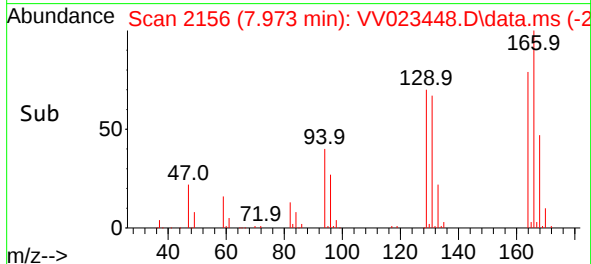
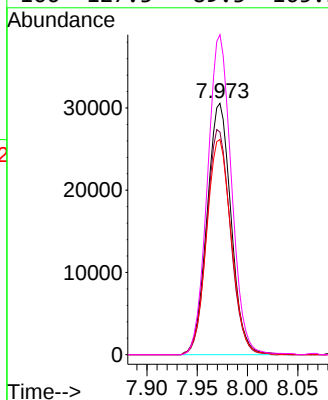
Ion Ratio Lower Upper

164 100

129 88.5 64.0 119.0

131 85.6 63.4 117.8

166 127.3 89.3 165.9



#48

2-Hexanone

Concen: 3.384 ug/L

RT: 8.159 min Scan# 2214

Delta R.T. 0.000 min

Lab File: VV023448.D

Acq: 12 Nov 2021 18:00

Tgt Ion: 43 Resp: 8229

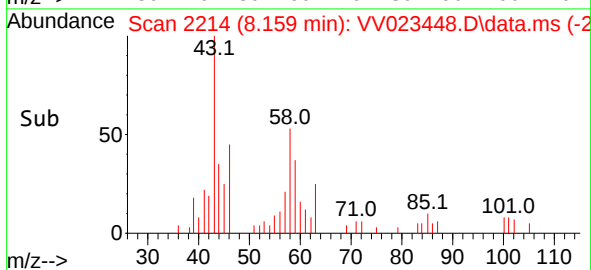
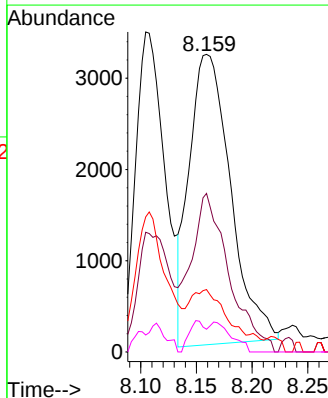
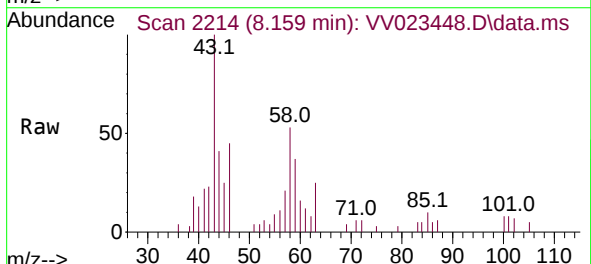
Ion Ratio Lower Upper

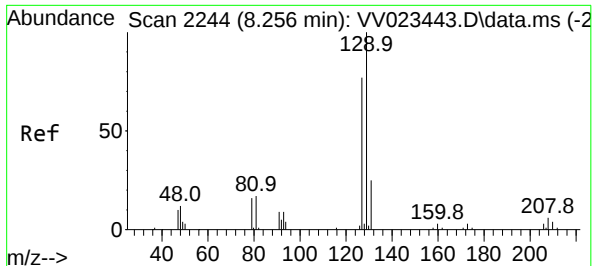
43 100

58 50.3 43.7 65.5

57 21.0 14.1 21.1

100 5.4 10.2 15.2#





#49

Dibromochloromethane

Concen: 4.839 ug/L

RT: 7.969 min Scan# 2155

Delta R.T. -0.286 min

Lab File: VV023448.D

Acq: 12 Nov 2021 18:00

Instrument :

MSVOA_V

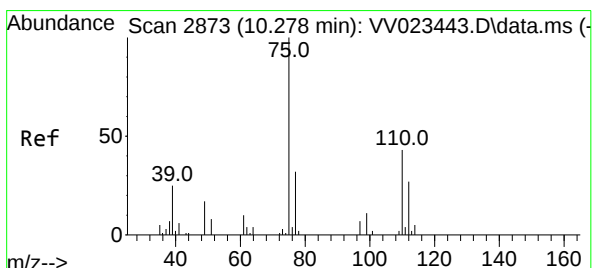
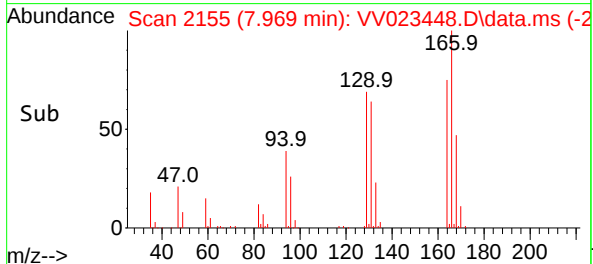
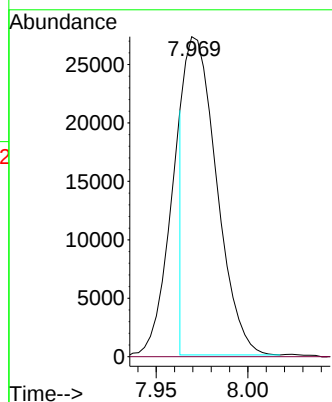
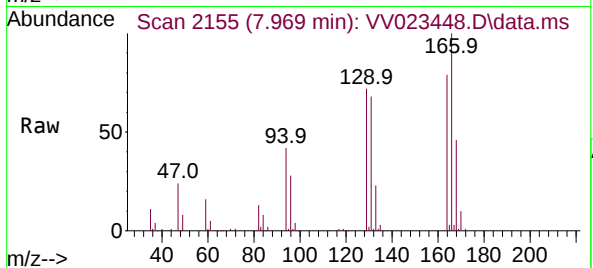
ClientSampleId :

Tgt Ion:129 Resp: 32963

Ion Ratio Lower Upper

129 100

127 0.0 54.7 101.7#



#61

1,2,3-Trichloropropane

Concen: 1.605 ug/L

RT: 11.246 min Scan# 3174

Delta R.T. 0.968 min

Lab File: VV023448.D

Acq: 12 Nov 2021 18:00

Tgt Ion: 75 Resp: 5076

Ion Ratio Lower Upper

75 100

77 36.1 26.6 39.8

110 2.3 31.8 47.6#

