

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102021\
 Data File : VV022944.D
 Acq On : 20 Oct 2021 20:29
 Operator : SY/MD
 Sample : M4137-05DL 5X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFGA4DL

Quant Time: Oct 21 02:49:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 21 02:43:59 2021
 Response via : Initial Calibration

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

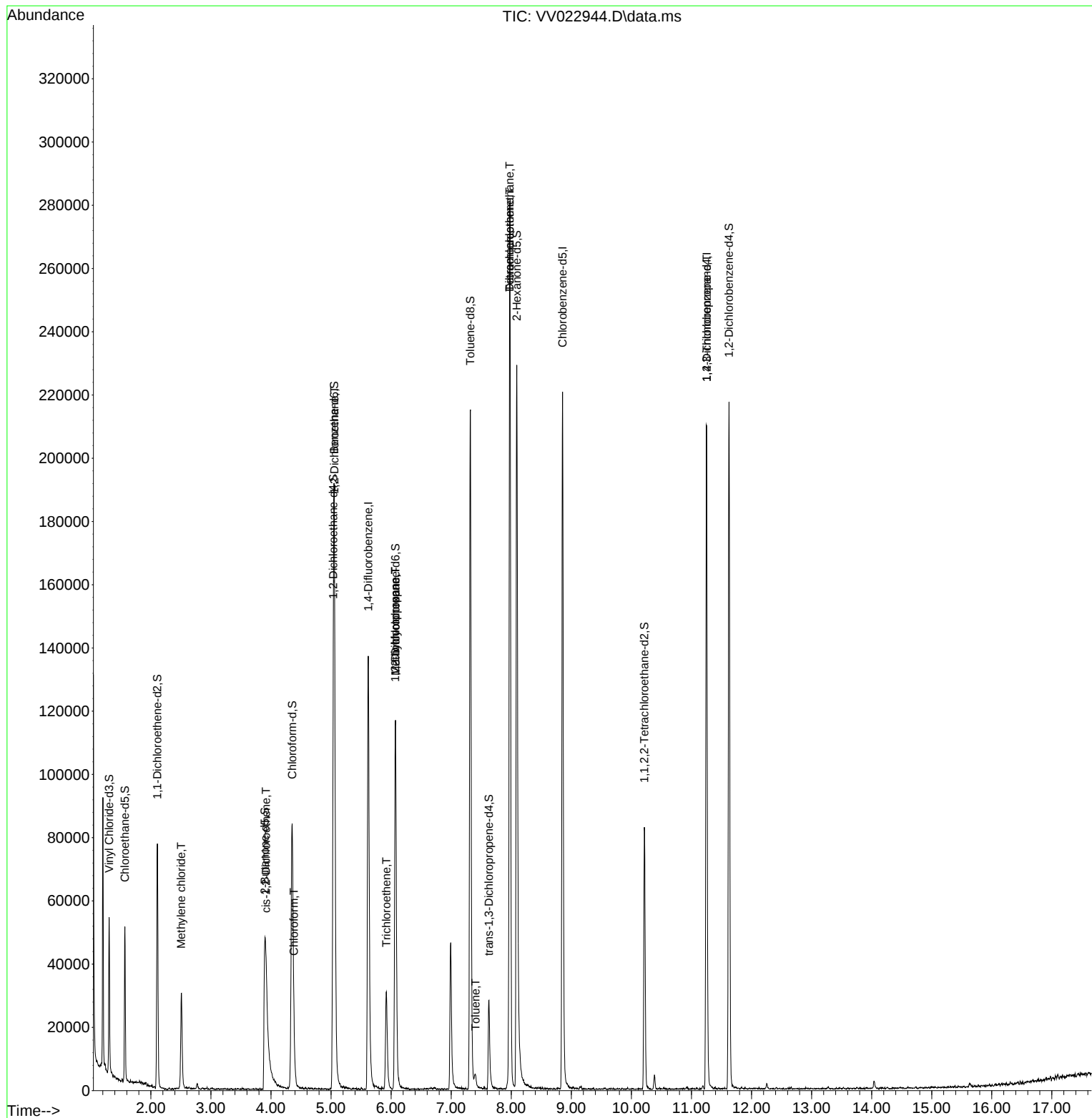
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	123524	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	125190	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	57026	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	30485	3.587	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.800%
7) Chloroethane-d5	1.568	69	28758	3.766	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.400%
11) 1,1-Dichloroethene-d2	2.108	63	40248	2.414	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	48.200%#
20) 2-Butanone-d5	3.899	46	105630	47.402	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.800%
24) Chloroform-d	4.352	84	87497	4.996	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.000%
26) 1,2-Dichloroethane-d4	5.037	65	43448	5.111	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.200%
32) Benzene-d6	5.053	84	174283	4.676	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.600%
36) 1,2-Dichloropropane-d6	6.072	67	56805	5.147	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.000%
41) Toluene-d8	7.320	98	144554	4.487	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.800%
43) trans-1,3-Dichloroprop...	7.628	79	17495	4.778	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.600%
46) 2-Hexanone-d5	8.091	63	80348	54.456	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.920%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	40668	5.439	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.800%
66) 1,2-Dichlorobenzene-d4	11.625	152	58509	5.534	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.600%
Target Compounds						Qvalue
16) Methylene chloride	2.507	84	12786	1.245	ug/L	91
22) cis-1,2-Dichloroethene	3.918	96	3546	0.416	ug/L	98
25) Chloroform	4.381	83	8443	0.498	ug/L	90
27) 1,2-Dichloroethane	5.056	62	1025	0.121	ug/L #	69
34) Trichloroethene	5.921	95	10925	1.192	ug/L	97
35) Methylcyclohexane	6.072	83	13939	1.085	ug/L #	17
37) 1,2-Dichloropropane	6.069	63	6333	0.781	ug/L #	84
42) Toluene	7.407	91	3124	0.091	ug/L	98
47) Tetrachloroethene	7.976	164	64443	8.691	ug/L	99
49) Dibromochloromethane	7.976	129	57627	8.181	ug/L #	7
61) 1,2,3-Trichloropropane	11.252	75	6410	1.618	ug/L #	63

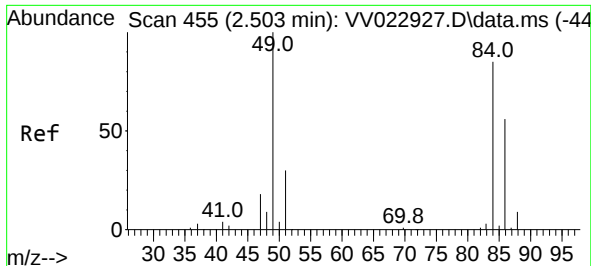
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102021\
Data File : VV022944.D
Acq On : 20 Oct 2021 20:29
Operator : SY/MD
Sample : M4137-05DL 5X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFGA4DL

Quant Time: Oct 21 02:49:44 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Oct 21 02:43:59 2021
Response via : Initial Calibration

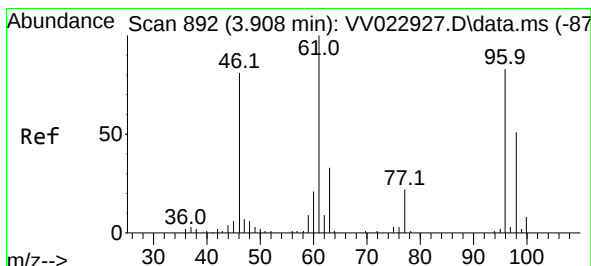
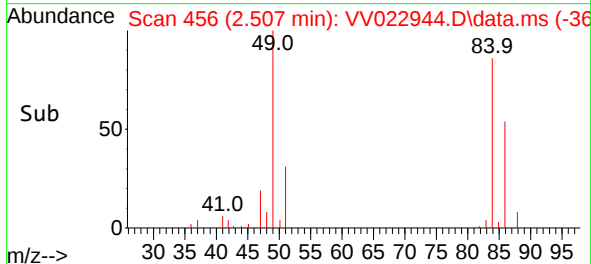
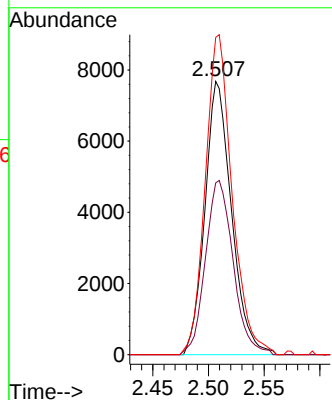
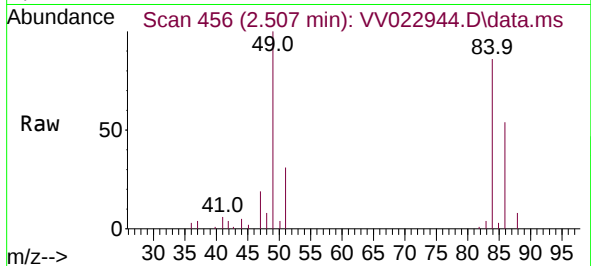




#16
Methylene chloride
Concen: 1.245 ug/L
RT: 2.507 min Scan# 456
Delta R.T. 0.003 min
Lab File: VV022944.D
Acq: 20 Oct 2021 20:29

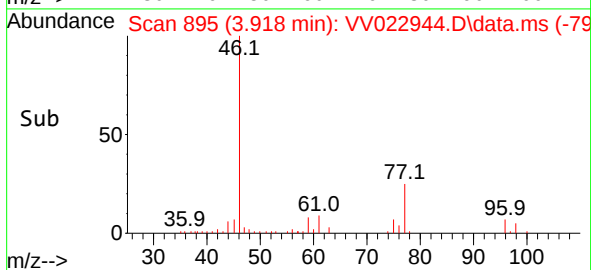
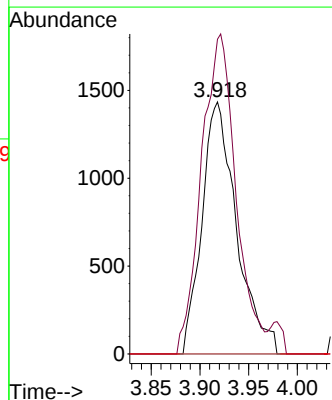
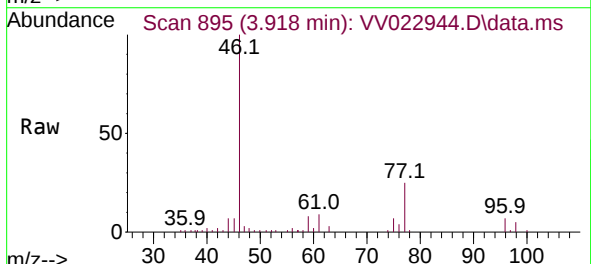
Instrument :
MSVOA_V
ClientSampleId :
BFGA4DL

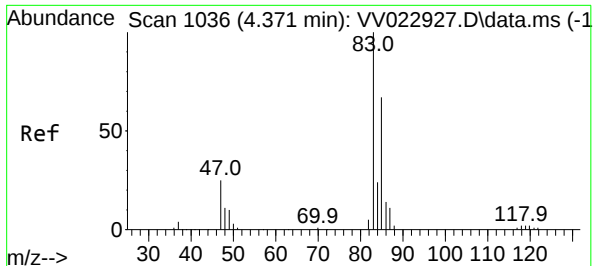
Tgt Ion: 84 Resp: 12786
Ion Ratio Lower Upper
84 100
86 62.9 45.8 85.2
49 116.1 90.3 167.7



#22
cis-1,2-Dichloroethene
Concen: 0.416 ug/L
RT: 3.918 min Scan# 895
Delta R.T. 0.010 min
Lab File: VV022944.D
Acq: 20 Oct 2021 20:29

Tgt Ion: 96 Resp: 3546
Ion Ratio Lower Upper
96 100
61 124.9 86.0 159.6
68 0.0 0.0 0.0





#25

Chloroform

Concen: 0.498 ug/L

RT: 4.381 min Scan# 1039

Delta R.T. 0.010 min

Lab File: VV022944.D

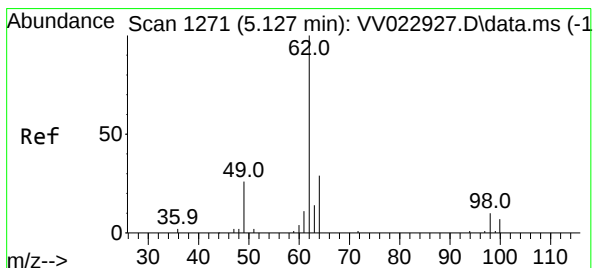
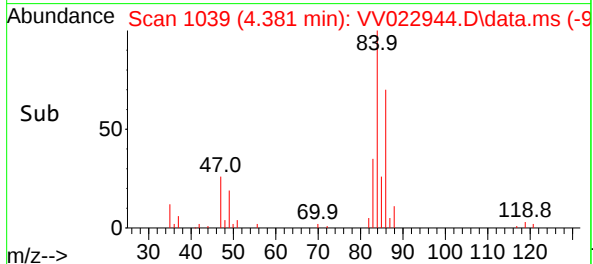
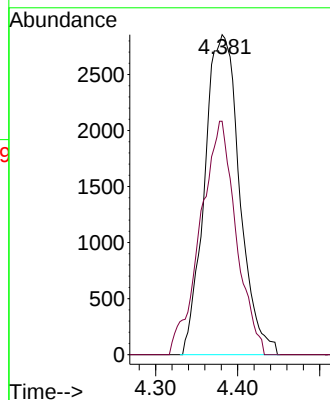
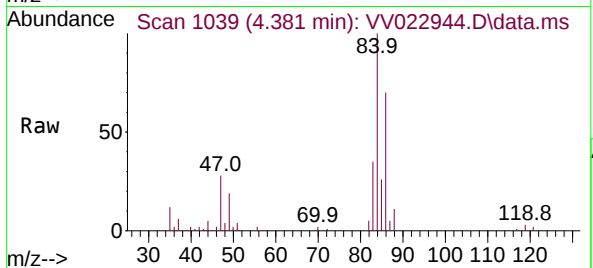
Acq: 20 Oct 2021 20:29

Tgt Ion: 83 Resp: 8443

Ion Ratio Lower Upper

83 100

85 72.9 45.7 84.9



#27

1,2-Dichloroethane

Concen: 0.121 ug/L

RT: 5.056 min Scan# 1249

Delta R.T. -0.071 min

Lab File: VV022944.D

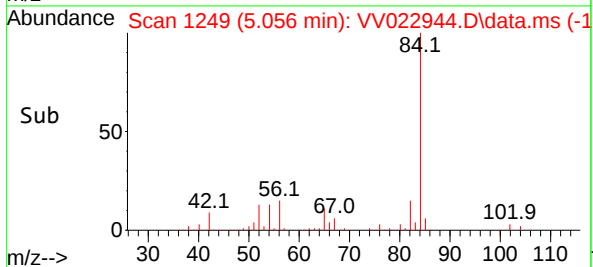
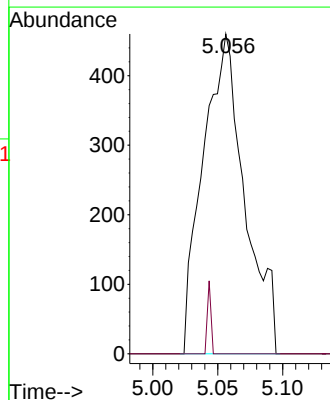
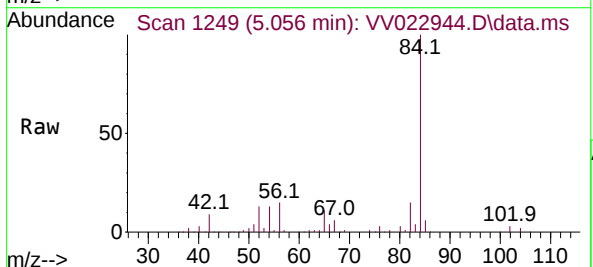
Acq: 20 Oct 2021 20:29

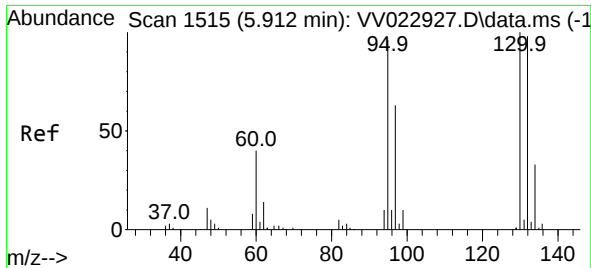
Tgt Ion: 62 Resp: 1025

Ion Ratio Lower Upper

62 100

98 0.0 9.7 14.5#





#34

Trichloroethene

Concen: 1.192 ug/L

RT: 5.921 min Scan# 1518

Delta R.T. 0.010 min

Lab File: VV022944.D

Acq: 20 Oct 2021 20:29

Tgt Ion: 95 Resp: 10925

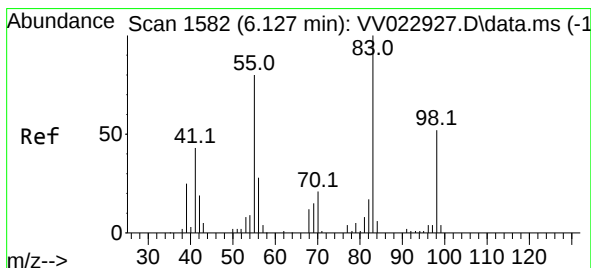
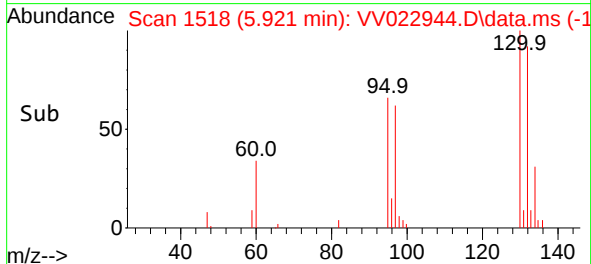
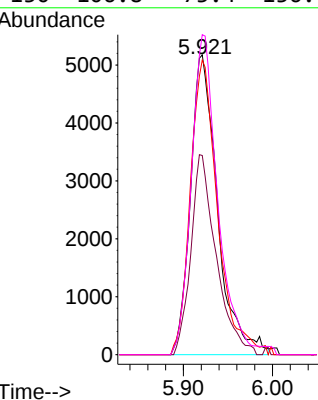
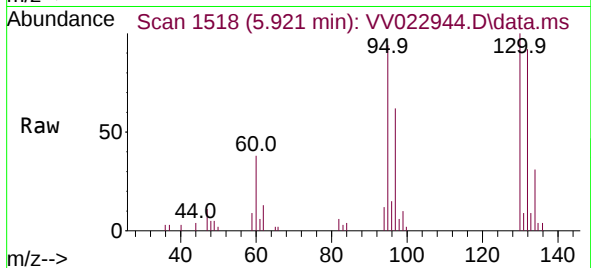
Ion Ratio Lower Upper

95 100

97 66.5 45.8 85.2

132 98.4 72.2 134.0

130 106.8 73.4 136.4



#35

Methylcyclohexane

Concen: 1.085 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.055 min

Lab File: VV022944.D

Acq: 20 Oct 2021 20:29

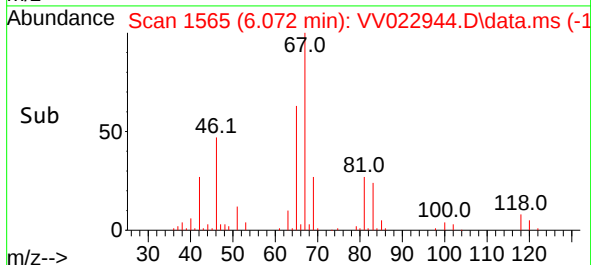
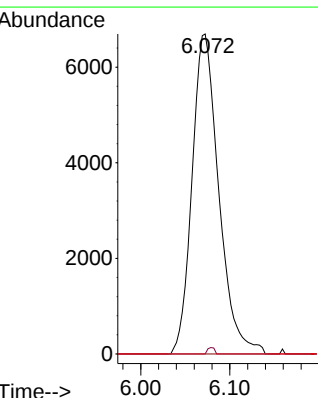
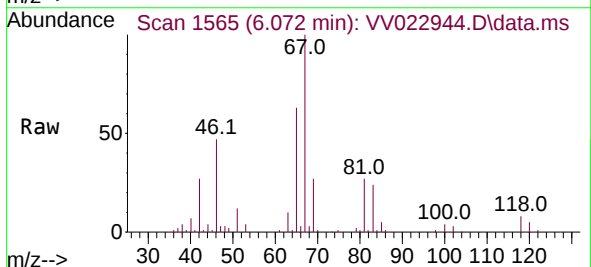
Tgt Ion: 83 Resp: 13939

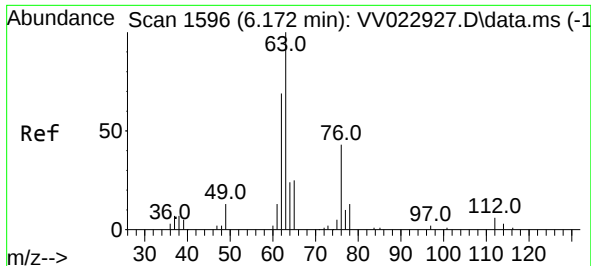
Ion Ratio Lower Upper

83 100

55 0.5 63.8 95.6#

98 1.2 42.1 63.1#



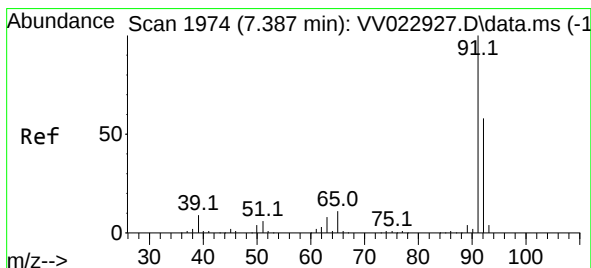
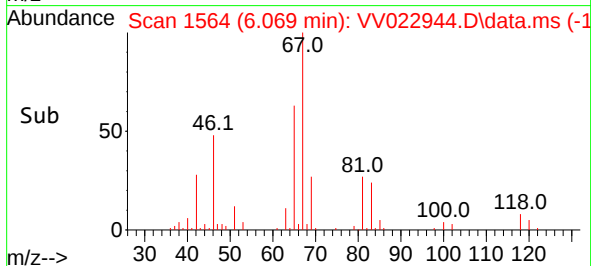
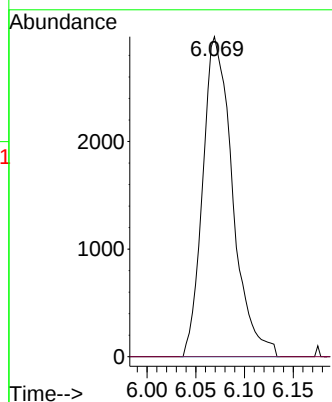
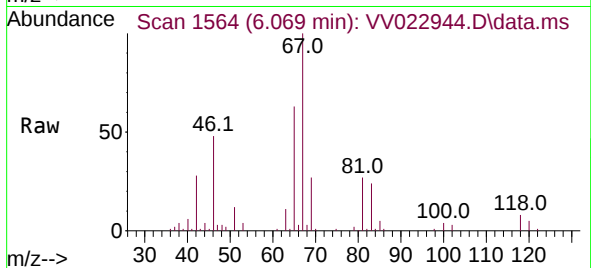


#37

1,2-Dichloropropane
Concen: 0.781 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.103 min
Lab File: VV022944.D
Acq: 20 Oct 2021 20:29

Instrument :
MSVOA_V
ClientSampled :
BFGA4DL

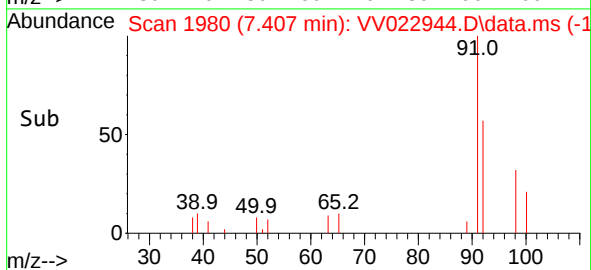
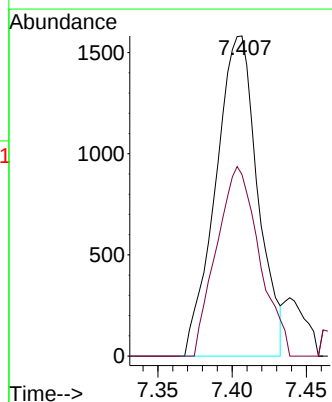
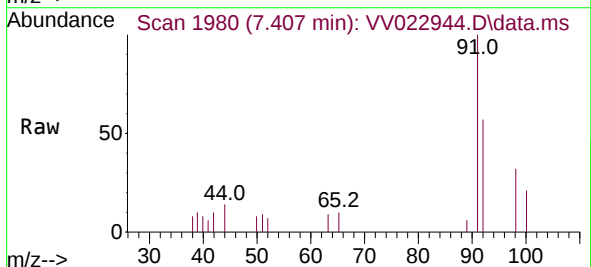
Tgt Ion: 63 Resp: 6333
Ion Ratio Lower Upper
63 100
112 0.0 4.4 6.6#

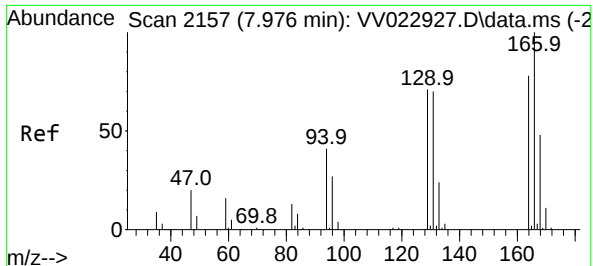


#42

Toluene
Concen: 0.091 ug/L
RT: 7.407 min Scan# 1980
Delta R.T. 0.019 min
Lab File: VV022944.D
Acq: 20 Oct 2021 20:29

Tgt Ion: 91 Resp: 3124
Ion Ratio Lower Upper
91 100
92 56.7 40.7 75.7





#47

Tetrachloroethene

Concen: 8.691 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.000 min

Lab File: VV022944.D

Acq: 20 Oct 2021 20:29

Instrument :

MSVOA_V

ClientSampleId :

BFGA4DL

Tgt Ion:164 Resp: 64443

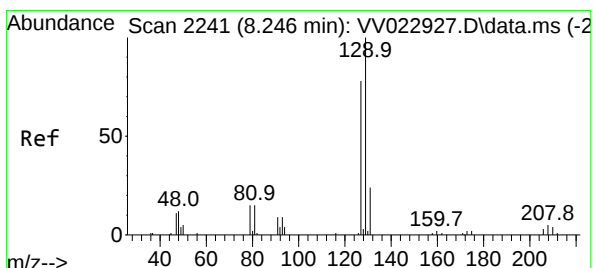
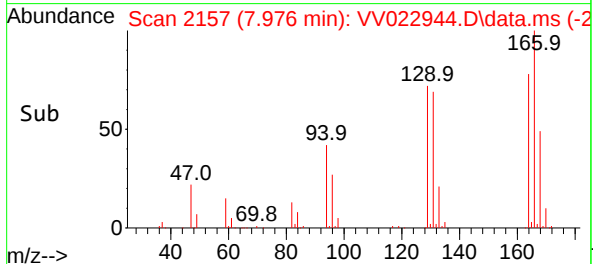
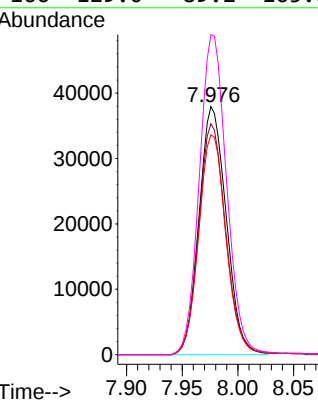
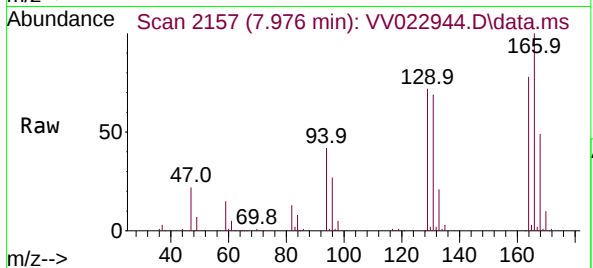
Ion Ratio Lower Upper

164 100

129 93.1 65.0 120.6

131 88.6 62.2 115.4

166 129.0 89.2 165.8



#49

Dibromochloromethane

Concen: 8.181 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.270 min

Lab File: VV022944.D

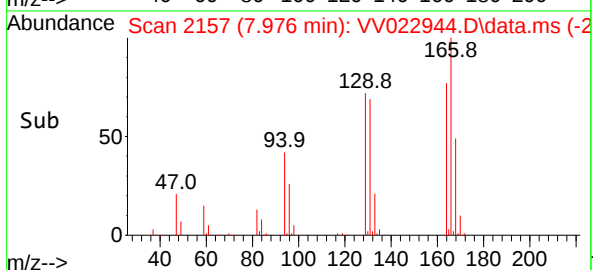
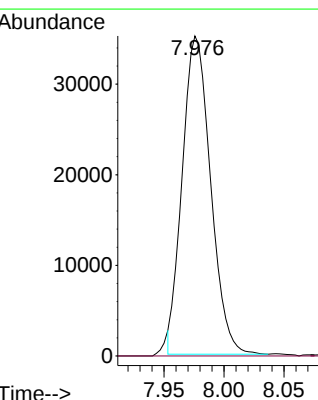
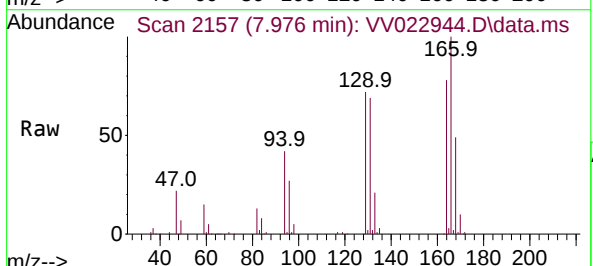
Acq: 20 Oct 2021 20:29

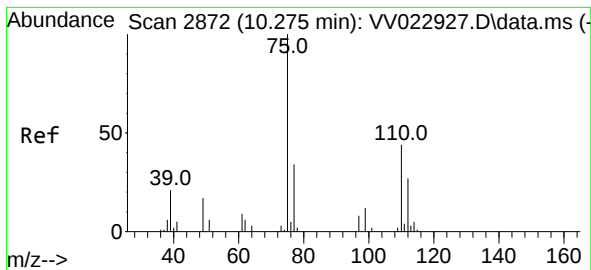
Tgt Ion:129 Resp: 57627

Ion Ratio Lower Upper

129 100

127 0.0 59.1 109.9#





#61
 1,2,3-Trichloropropane
 Concen: 1.618 ug/L
 RT: 11.252 min Scan# 3176
 Delta R.T. 0.977 min
 Lab File: VV022944.D
 Acq: 20 Oct 2021 20:29

Instrument :
 MSVOA_V
 ClientSampleId :
 BFGA4DL

Tgt Ion: 75 Resp: 6410
 Ion Ratio Lower Upper
 75 100
 77 33.9 25.4 38.2
 110 2.9 34.2 51.4#

