

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042922\
 Data File : VW025740.D
 Acq On : 29 Apr 2022 13:02
 Operator : SY/MD
 Sample : N2612-01
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BH096

Quant Time: May 02 01:24:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon May 02 01:22:31 2022
 Response via : Initial Calibration

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

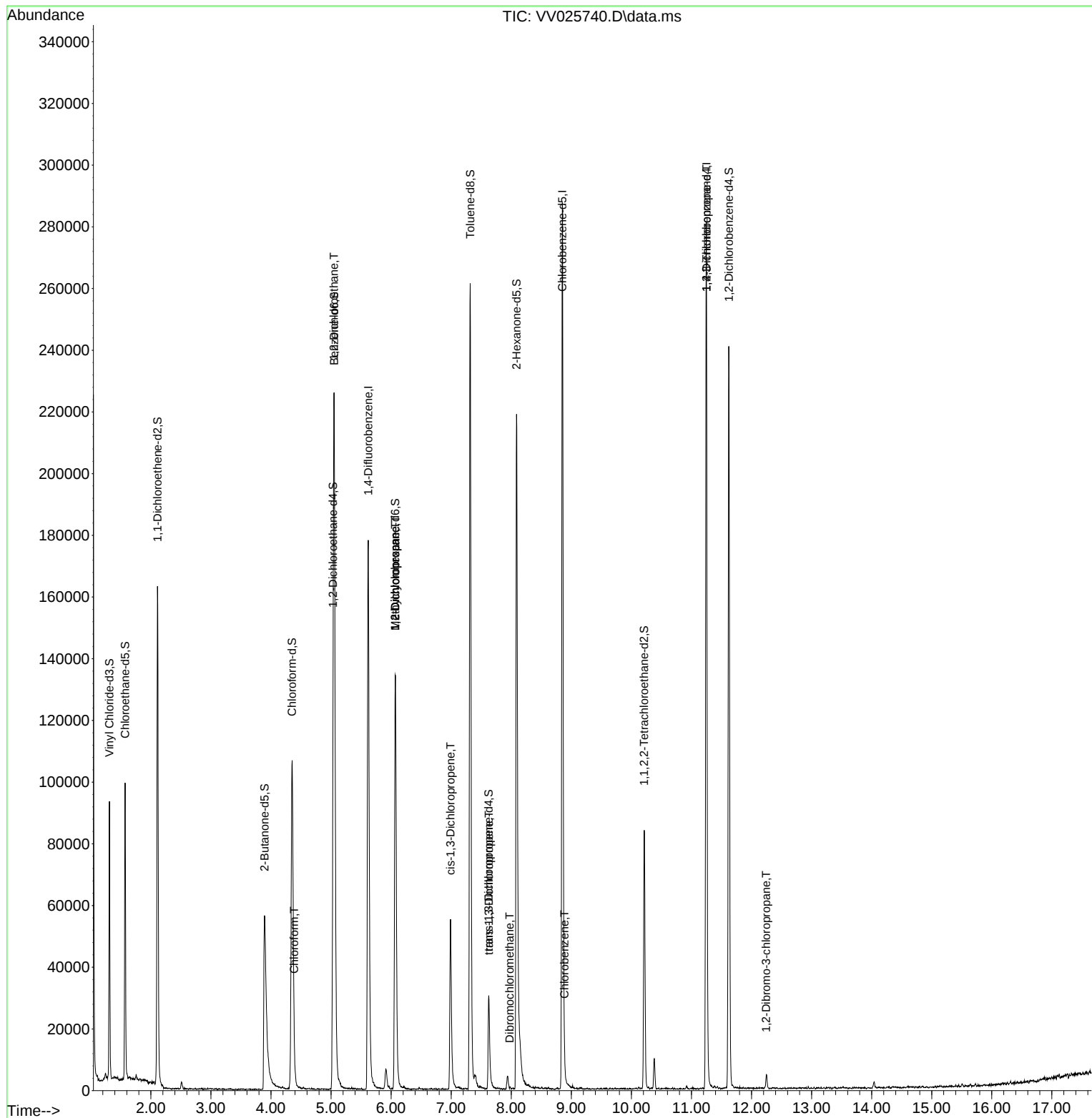
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	155014	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	163636	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	73297	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	55267	3.835	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.600%
7) Chloroethane-d5	1.571	69	59688	3.893	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.800%
11) 1,1-Dichloroethene-d2	2.111	63	86266	2.988	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.800%#
20) 2-Butanone-d5	3.892	46	104075	59.368	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.740%
24) Chloroform-d	4.352	84	110084	5.055	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.000%
26) 1,2-Dichloroethane-d4	5.034	65	51408	5.479	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.600%
32) Benzene-d6	5.053	84	209379	4.422	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.400%
36) 1,2-Dichloropropane-d6	6.069	67	65557	4.965	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.200%
41) Toluene-d8	7.317	98	173412	3.947	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.000%
43) trans-1,3-Dichloroprop...	7.625	79	18836	4.244	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.800%
46) 2-Hexanone-d5	8.088	63	74791	48.015	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.040%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	40583	4.865	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	61362	4.993	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.800%
Target Compounds						
					Qvalue	
25) Chloroform	4.384	83	2167	0.108	ug/L	89
27) 1,2-Dichloroethane	5.047	62	846	0.080	ug/L #	71
35) Methylcyclohexane	6.069	83	15467	0.755	ug/L #	22
37) 1,2-Dichloropropane	6.069	63	7561	0.676	ug/L #	85
39) cis-1,3-Dichloropropene	6.989	75	1515	0.103	ug/L	88
44) trans-1,3-Dichloropropene	7.628	75	995	0.087	ug/L	89
49) Dibromochloromethane	7.976	129	201	0.024	ug/L #	11
51) Chlorobenzene	8.886	112	1108	0.033	ug/L	98
61) 1,2,3-Trichloropropane	11.249	75	8975	1.859	ug/L #	63
68) 1,2-Dibromo-3-chloropr...	12.242	75	198	0.237	ug/L #	2

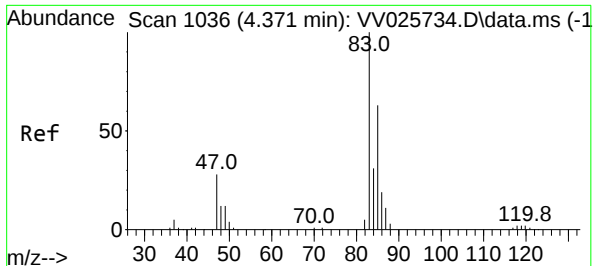
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Mon May 02 01:22:31 2022
Response via : Initial Calibration





#25

Chloroform

Concen: 0.108 ug/L

RT: 4.384 min Scan# 1

Delta R.T. 0.013 min

Lab File: VV025740.D

Acq: 29 Apr 2022 13:02

Instrument :

MSVOA_V

ClientSampleId :

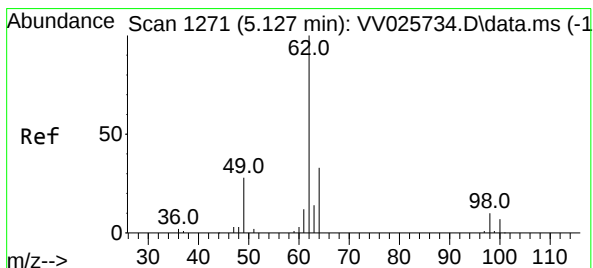
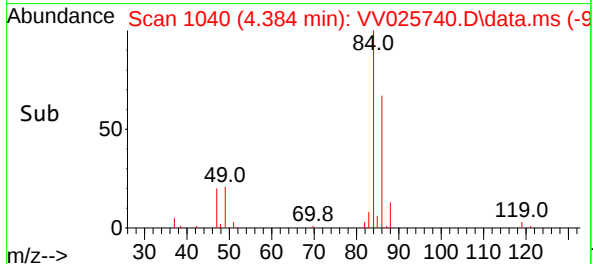
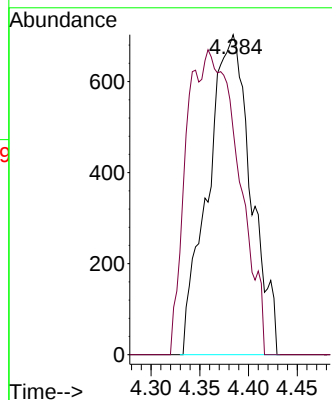
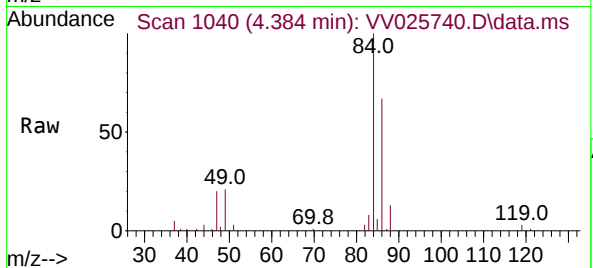
BH096

Tgt Ion: 83 Resp: 2167

Ion Ratio Lower Upper

83 100

85 70.3 43.5 80.7



#27

1,2-Dichloroethane

Concen: 0.080 ug/L

RT: 5.047 min Scan# 1246

Delta R.T. -0.080 min

Lab File: VV025740.D

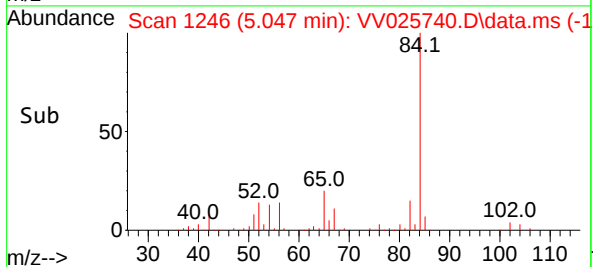
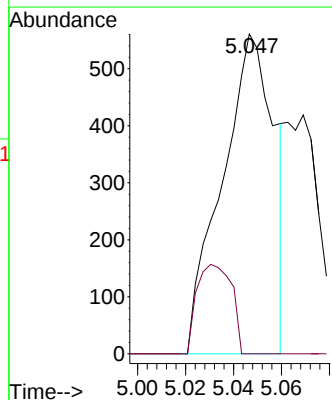
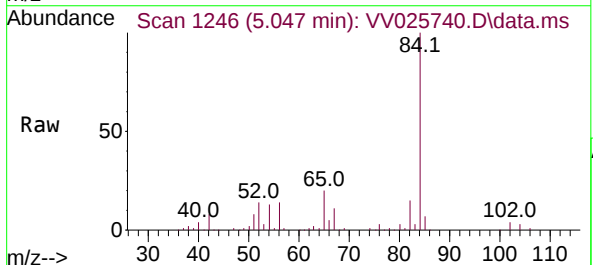
Acq: 29 Apr 2022 13:02

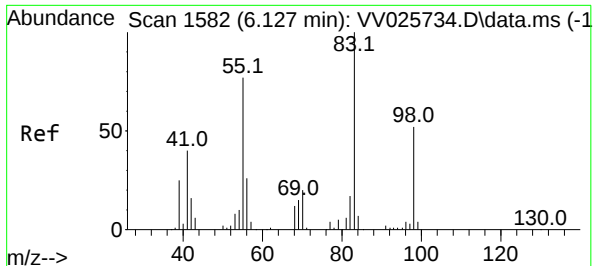
Tgt Ion: 62 Resp: 846

Ion Ratio Lower Upper

62 100

98 0.0 8.8 13.2#





#35

Methylcyclohexane

Concen: 0.755 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.058 min

Lab File: VV025740.D

Acq: 29 Apr 2022 13:02

Instrument :

MSVOA_V

ClientSampleId :

BH096

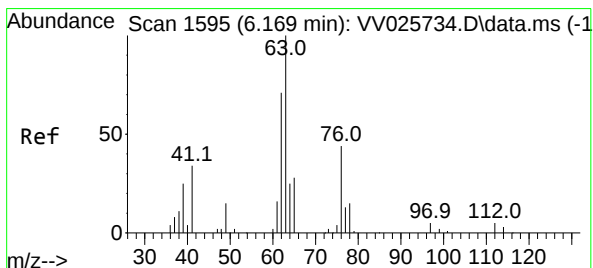
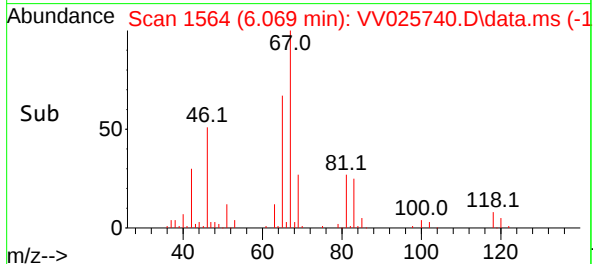
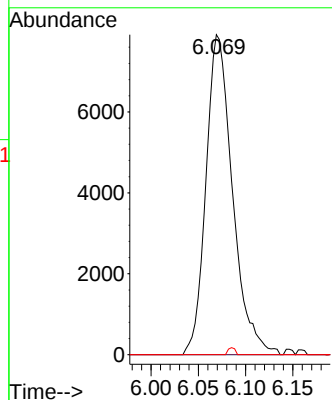
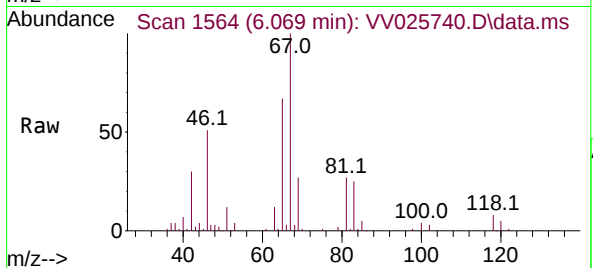
Tgt Ion: 83 Resp: 15467

Ion Ratio Lower Upper

83 100

55 0.0 53.7 80.5#

98 0.6 39.6 59.4#



#37

1,2-Dichloropropane

Concen: 0.676 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.100 min

Lab File: VV025740.D

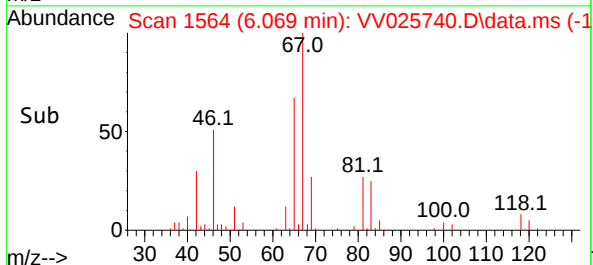
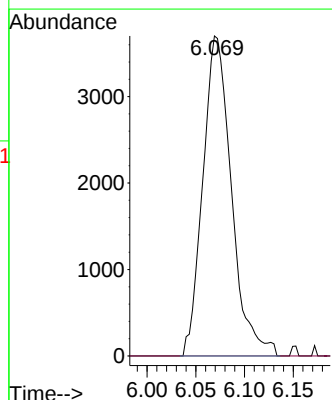
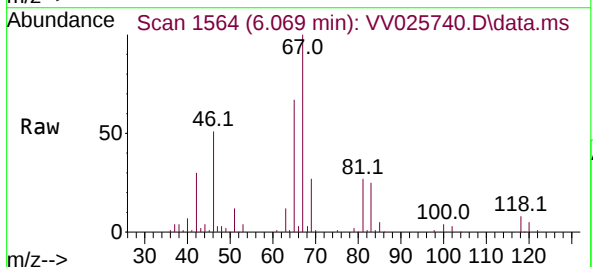
Acq: 29 Apr 2022 13:02

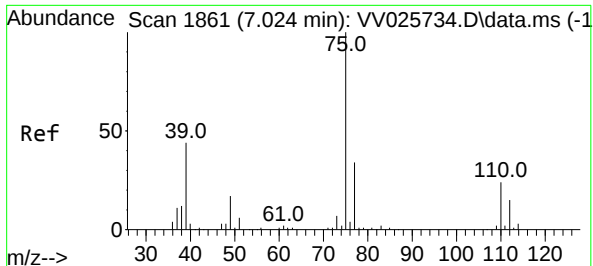
Tgt Ion: 63 Resp: 7561

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.8#





#39

cis-1,3-Dichloropropene

Concen: 0.103 ug/L

RT: 6.989 min Scan# 11

Delta R.T. -0.035 min

Lab File: VV025740.D

Acq: 29 Apr 2022 13:02

Instrument :

MSVOA_V

ClientSampleId :

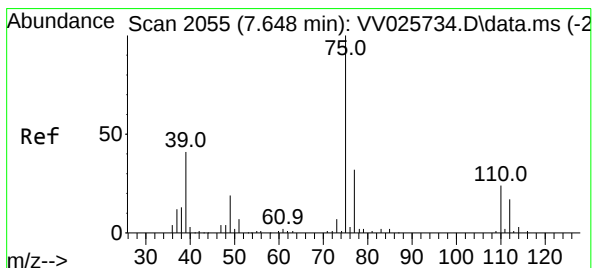
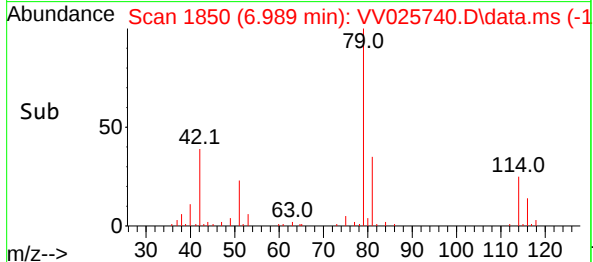
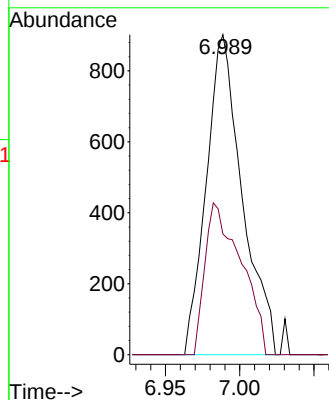
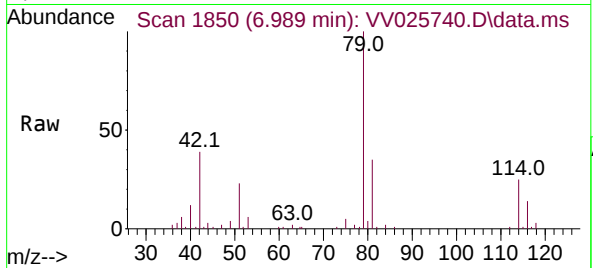
BH096

Tgt Ion: 75 Resp: 1515

Ion Ratio Lower Upper

75 100

77 37.7 21.8 40.6



#44

trans-1,3-Dichloropropene

Concen: 0.087 ug/L

RT: 7.628 min Scan# 2049

Delta R.T. -0.019 min

Lab File: VV025740.D

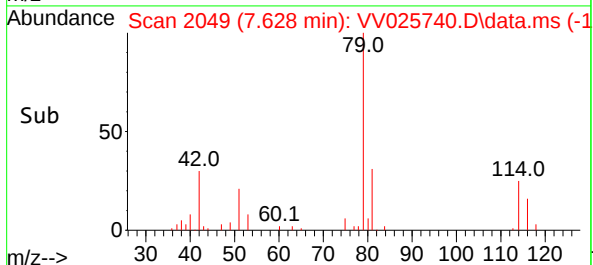
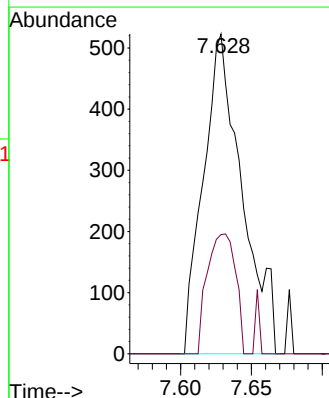
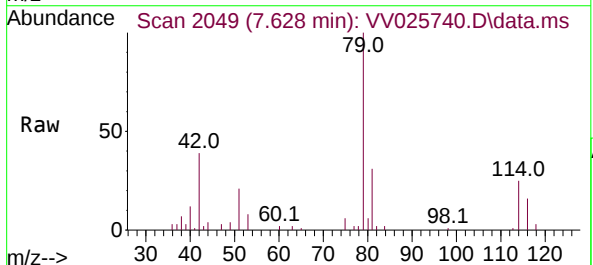
Acq: 29 Apr 2022 13:02

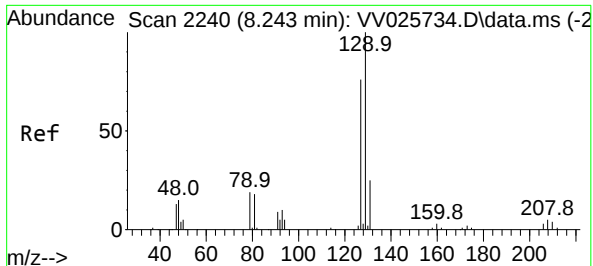
Tgt Ion: 75 Resp: 995

Ion Ratio Lower Upper

75 100

77 37.3 21.7 40.3





#49

Dibromochloromethane

Concen: 0.024 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.267 min

Lab File: VV025740.D

Acq: 29 Apr 2022 13:02

Instrument :

MSVOA_V

ClientSampleId :

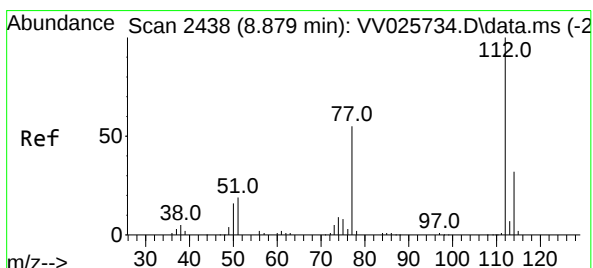
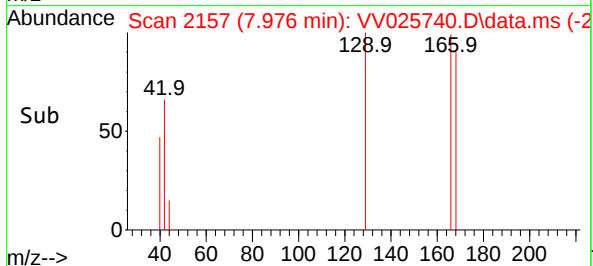
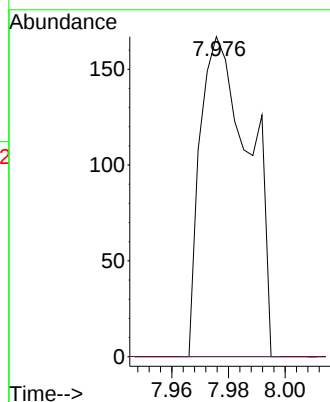
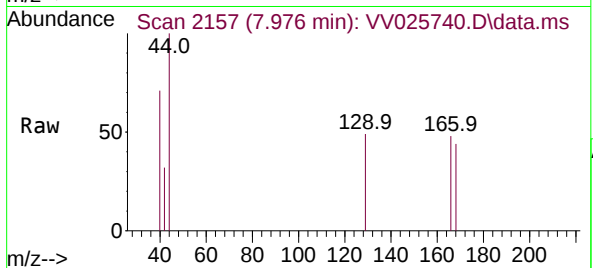
BH096

Tgt Ion:129 Resp: 201

Ion Ratio Lower Upper

129 100

127 0.0 53.8 100.0#



#51

Chlorobenzene

Concen: 0.033 ug/L

RT: 8.886 min Scan# 2440

Delta R.T. 0.006 min

Lab File: VV025740.D

Acq: 29 Apr 2022 13:02

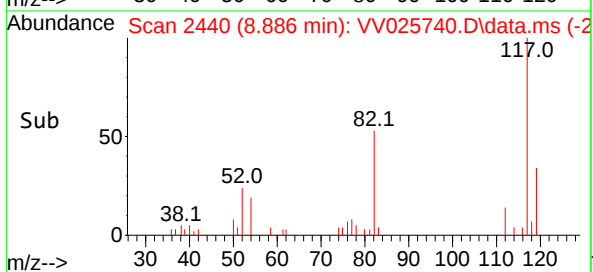
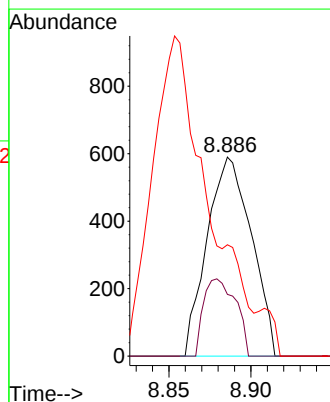
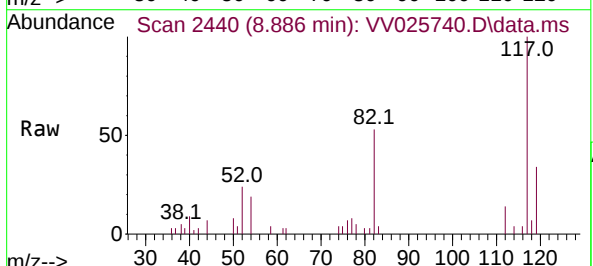
Tgt Ion:112 Resp: 1108

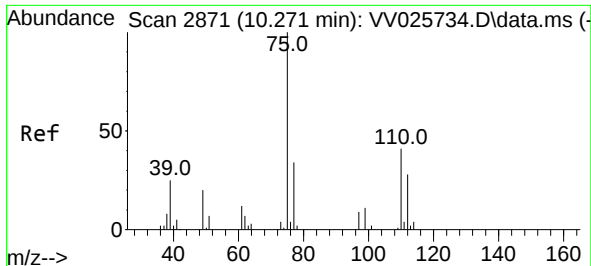
Ion Ratio Lower Upper

112 100

114 31.0 22.4 41.6

77 55.9 43.7 65.5

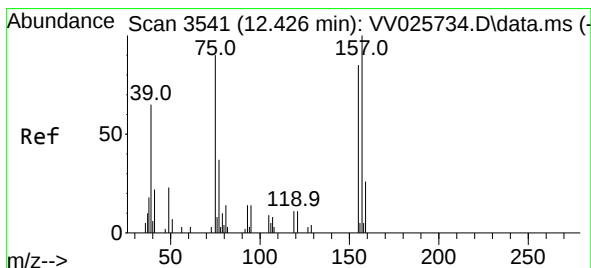
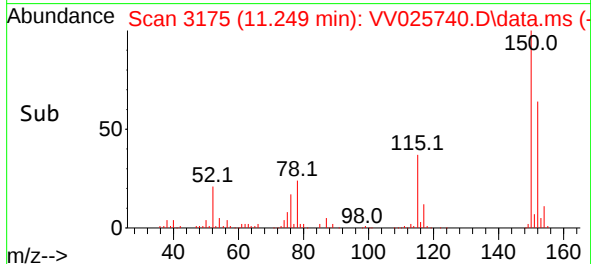
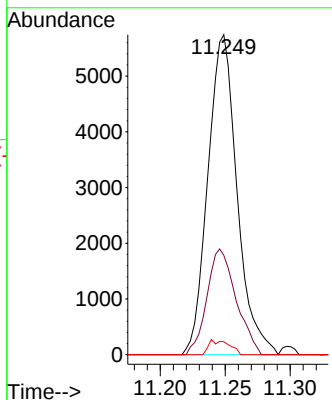
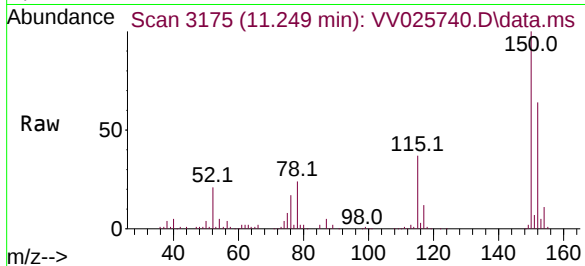




#61
 1,2,3-Trichloropropane
 Concen: 1.859 ug/L
 RT: 11.249 min Scan# 3175
 Delta R.T. 0.977 min
 Lab File: VV025740.D
 Acq: 29 Apr 2022 13:02

Instrument :
 MSVOA_V
 ClientSampleId :
 BH096

Tgt Ion: 75 Resp: 8975
 Ion Ratio Lower Upper
 75 100
 77 32.9 25.6 38.4
 110 3.2 34.7 52.1#



#68
 1,2-Dibromo-3-chloropropane
 Concen: 0.237 ug/L
 RT: 12.242 min Scan# 3484
 Delta R.T. -0.183 min
 Lab File: VV025740.D
 Acq: 29 Apr 2022 13:02

Tgt Ion: 75 Resp: 198
 Ion Ratio Lower Upper
 75 100
 155 0.0 65.8 98.8#
 157 0.0 86.6 130.0#

