

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111622\
 Data File : VW029009.D
 Acq On : 16 Nov 2022 12:03
 Operator : SY/MD
 Sample : N5593-16
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK001

Quant Time: Nov 17 02:51:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 17 02:49:50 2022
 Response via : Initial Calibration

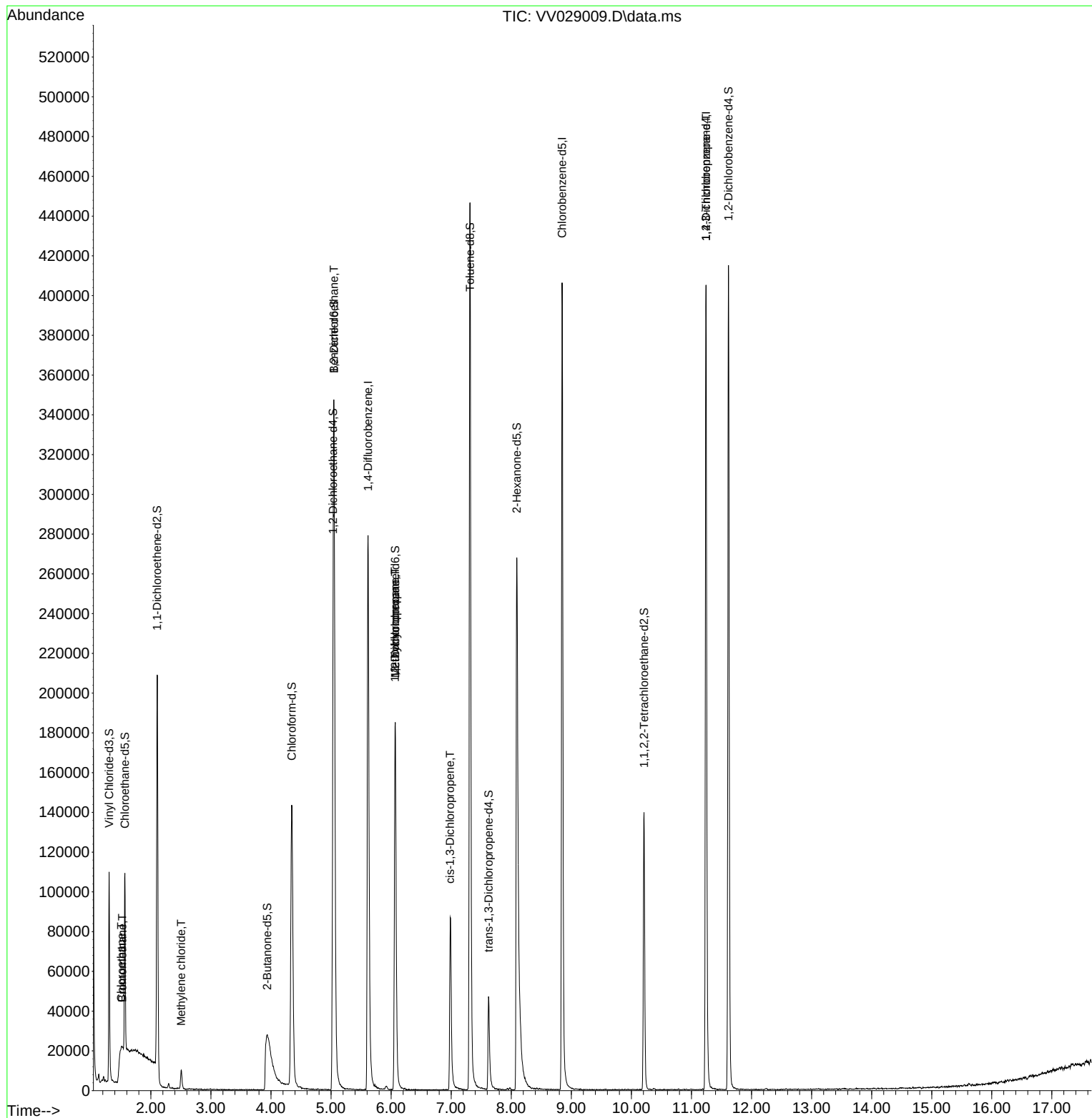
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	267450	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	246314	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	117339	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	73699	4.520	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.400%
7) Chloroethane-d5	1.568	69	58020	4.048	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.000%
11) 1,1-Dichloroethene-d2	2.104	63	99820	3.359	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.200%
20) 2-Butanone-d5	3.937	46	42298	15.497	ug/L	0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	31.000%#
24) Chloroform-d	4.346	84	161113	4.813	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.200%
26) 1,2-Dichloroethane-d4	5.034	65	74614	4.954	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.000%
32) Benzene-d6	5.050	84	342122	4.653	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.000%
36) 1,2-Dichloropropane-d6	6.069	67	95749	4.664	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.200%
41) Toluene-d8	7.313	98	319516	4.828	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.600%
43) trans-1,3-Dichloroprop...	7.622	79	32177	4.805	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.200%
46) 2-Hexanone-d5	8.091	63	132675	46.421	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.840%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	70705	4.967	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.400%
66) 1,2-Dichlorobenzene-d4	11.615	152	115853	5.519	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.400%
Target Compounds						
6) Bromomethane	1.523	94	739	0.059	ug/L	77
8) Chloroethane	1.510	64	39139	3.156	ug/L #	52
16) Methylene chloride	2.503	84	4434	0.212	ug/L	98
27) 1,2-Dichloroethane	5.050	62	1608	0.097	ug/L #	70
35) Methylcyclohexane	6.069	83	23940	0.707	ug/L #	21
37) 1,2-Dichloropropane	6.066	63	10306	0.594	ug/L #	85
39) cis-1,3-Dichloropropene	6.982	75	2188	0.090	ug/L #	58
61) 1,2,3-Trichloropropane	11.242	75	12141	1.514	ug/L #	65

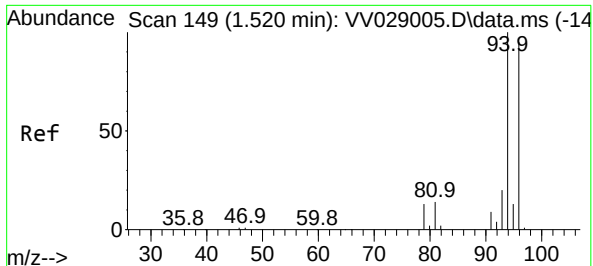
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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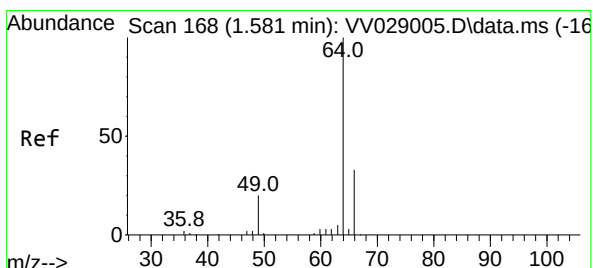
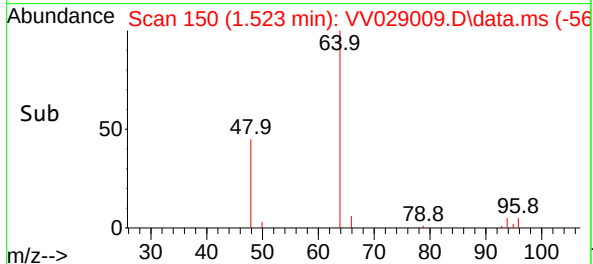
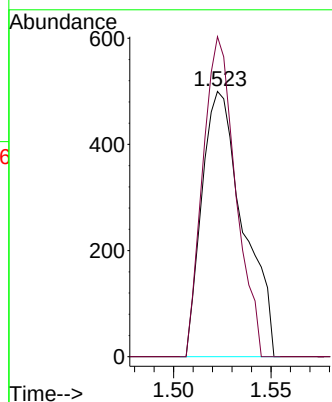
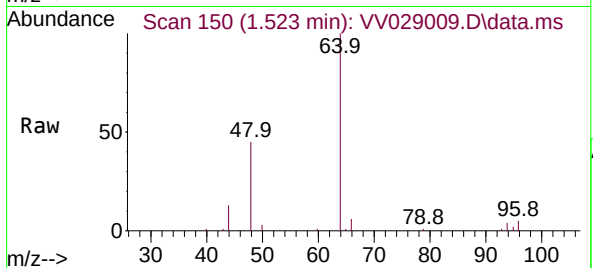




#6
Bromomethane
Concen: 0.059 ug/L
RT: 1.523 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV029009.D
Acq: 16 Nov 2022 12:03

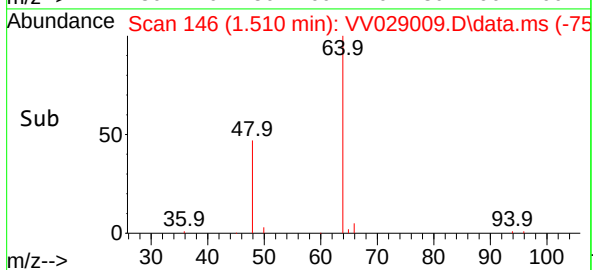
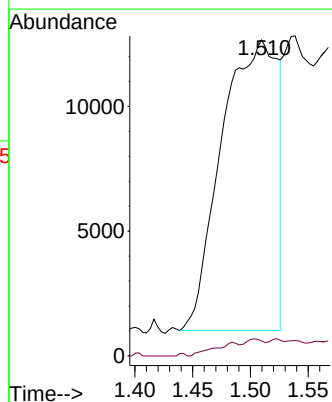
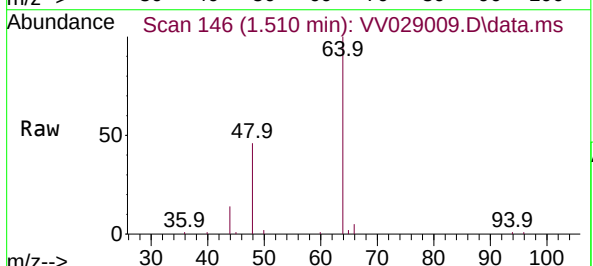
Instrument :
MSVOA_V
ClientSampleId :
VHBLK001

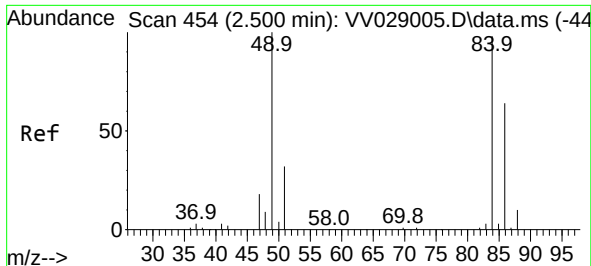
Tgt Ion: 94 Resp: 739
Ion Ratio Lower Upper
94 100
96 120.6 68.5 127.3



#8
Chloroethane
Concen: 3.156 ug/L
RT: 1.510 min Scan# 146
Delta R.T. -0.071 min
Lab File: VV029009.D
Acq: 16 Nov 2022 12:03

Tgt Ion: 64 Resp: 39139
Ion Ratio Lower Upper
64 100
66 4.7 22.0 40.8#

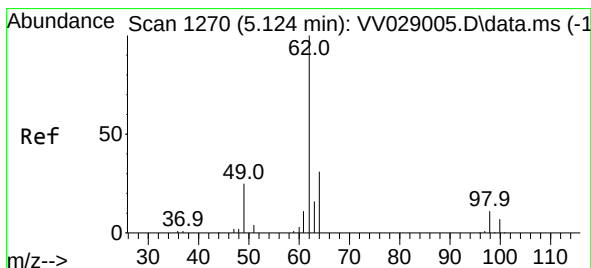
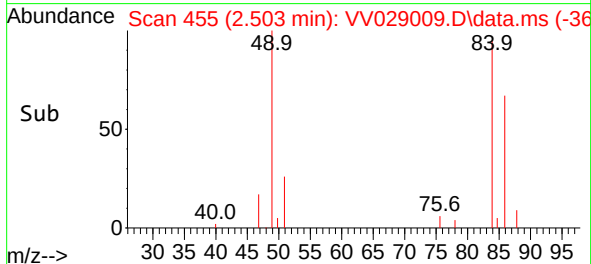
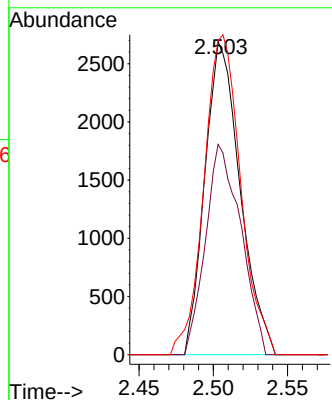
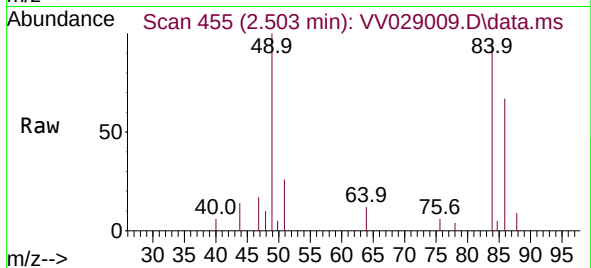




#16
Methylene chloride
Concen: 0.212 ug/L
RT: 2.503 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV029009.D
Acq: 16 Nov 2022 12:03

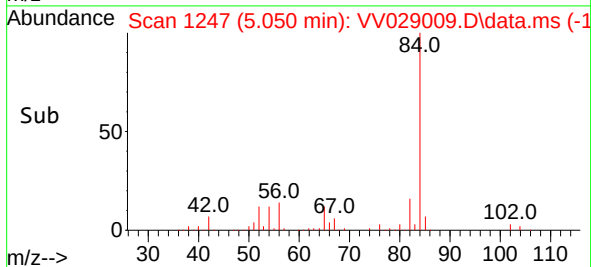
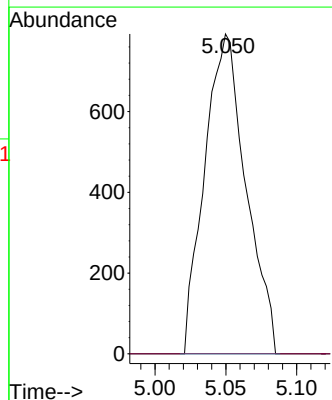
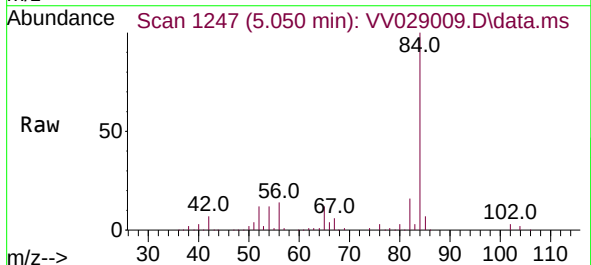
Instrument :
MSVOA_V
ClientSampleId :
VHBLK001

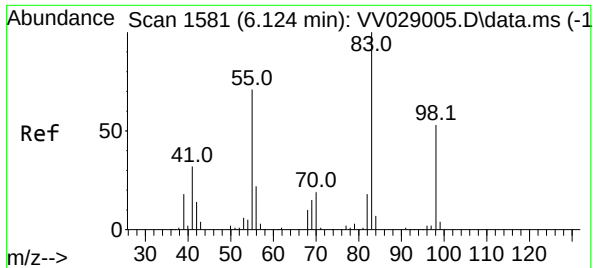
Tgt Ion: 84 Resp: 4434
Ion Ratio Lower Upper
84 100
86 67.1 45.8 85.0
49 105.1 75.5 140.1



#27
1,2-Dichloroethane
Concen: 0.097 ug/L
RT: 5.050 min Scan# 1247
Delta R.T. -0.074 min
Lab File: VV029009.D
Acq: 16 Nov 2022 12:03

Tgt Ion: 62 Resp: 1608
Ion Ratio Lower Upper
62 100
98 0.0 9.0 13.6#

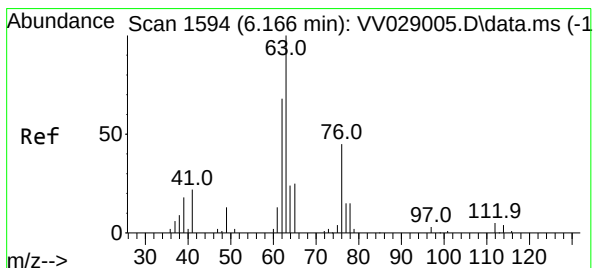
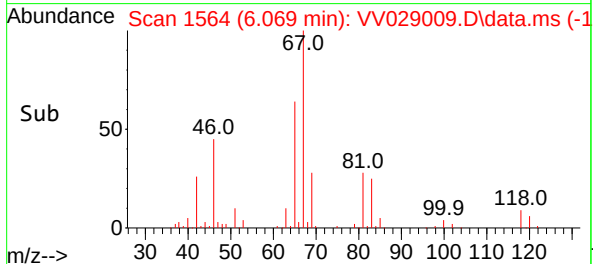
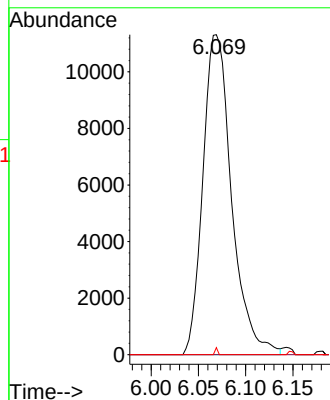
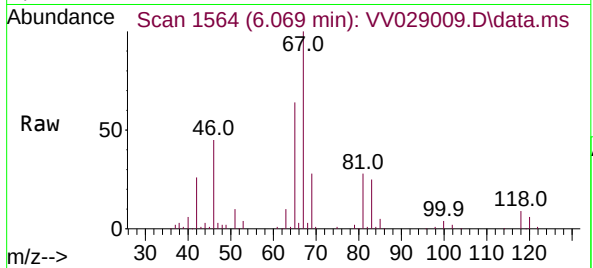




#35
Methylcyclohexane
Concen: 0.707 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.055 min
Lab File: VV029009.D
Acq: 16 Nov 2022 12:03

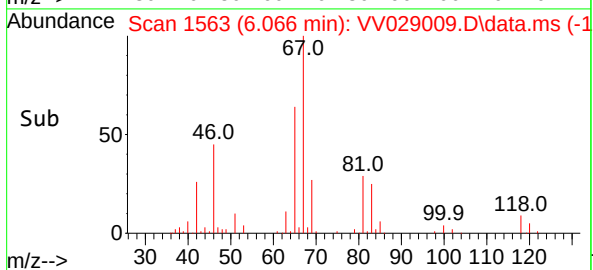
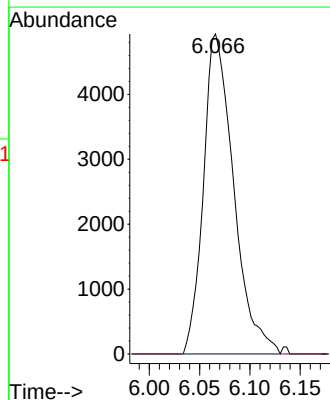
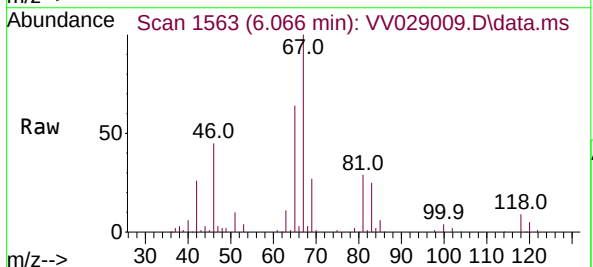
Instrument :
MSVOA_V
ClientSampleId :
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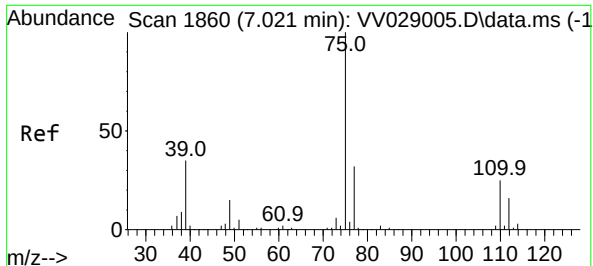
Tgt Ion: 83 Resp: 23940
Ion Ratio Lower Upper
83 100
55 0.0 55.8 83.6#
98 0.2 38.2 57.2#



#37
1,2-Dichloropropane
Concen: 0.594 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.100 min
Lab File: VV029009.D
Acq: 16 Nov 2022 12:03

Tgt Ion: 63 Resp: 10306
Ion Ratio Lower Upper
63 100
112 0.0 4.0 6.0#





#39

cis-1,3-Dichloropropene

Concen: 0.090 ug/L

RT: 6.982 min Scan# 11

Delta R.T. -0.039 min

Lab File: VV029009.D

Acq: 16 Nov 2022 12:03

Instrument :

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ClientSampleId :

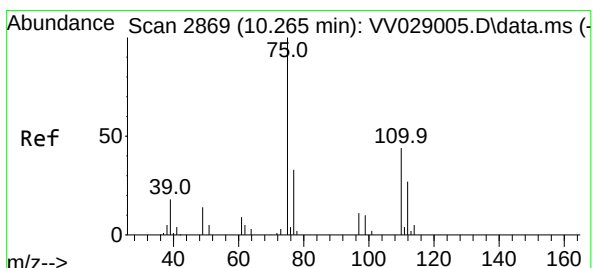
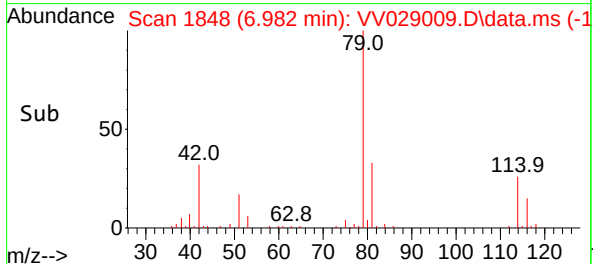
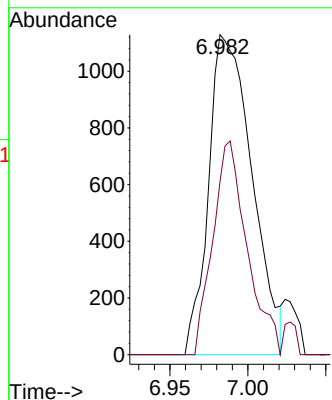
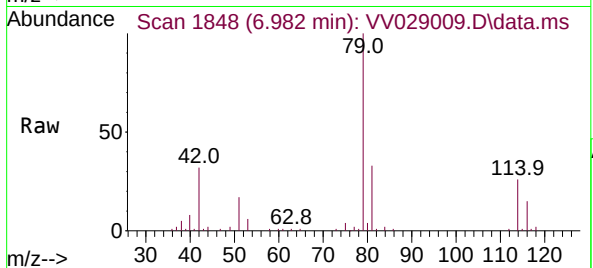
VHBLK001

Tgt Ion: 75 Resp: 2188

Ion Ratio Lower Upper

75 100

77 54.2 21.8 40.6#



#61

1,2,3-Trichloropropane

Concen: 1.514 ug/L

RT: 11.242 min Scan# 3173

Delta R.T. 0.977 min

Lab File: VV029009.D

Acq: 16 Nov 2022 12:03

Tgt Ion: 75 Resp: 12141

Ion Ratio Lower Upper

75 100

77 34.6 26.2 39.2

110 2.8 32.6 48.8#

