

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111722\
 Data File : VV029057.D
 Acq On : 17 Nov 2022 12:35
 Operator : SY/MD
 Sample : VV1117WBL01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK266

Quant Time: Nov 18 01:41:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 18 01:37:41 2022
 Response via : Initial Calibration

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

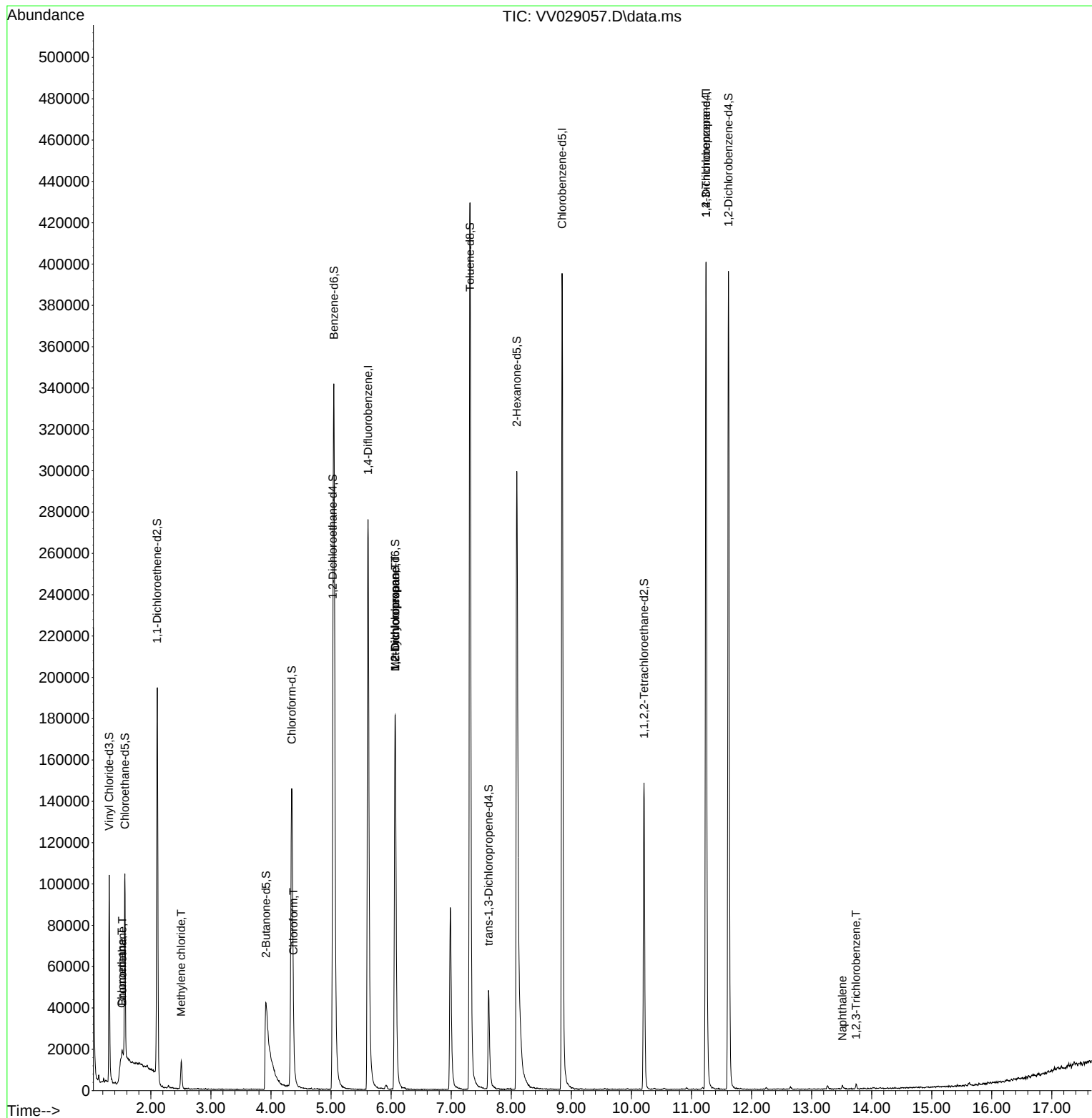
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	270626	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	249735	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	117253	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	69025	4.184	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.600%
7) Chloroethane-d5	1.568	69	58418	4.028	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.600%
11) 1,1-Dichloroethene-d2	2.104	63	94373	3.139	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.800%
20) 2-Butanone-d5	3.915	46	132250	47.885	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.780%
24) Chloroform-d	4.346	84	163092	4.815	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.200%
26) 1,2-Dichloroethane-d4	5.030	65	75971	4.985	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.600%
32) Benzene-d6	5.046	84	340123	4.563	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.200%
36) 1,2-Dichloropropane-d6	6.066	67	97236	4.671	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.400%
41) Toluene-d8	7.313	98	311026	4.635	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.800%
43) trans-1,3-Dichloroprop...	7.622	79	33043	4.867	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.400%
46) 2-Hexanone-d5	8.091	63	136237	47.014	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.020%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	72527	5.026	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.600%
66) 1,2-Dichlorobenzene-d4	11.615	152	116698	5.563	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.200%
Target Compounds						Qvalue
6) Bromomethane	1.523	94	1165	0.091	ug/L	97
8) Chloroethane	1.516	64	33637	2.680	ug/L #	54
16) Methylene chloride	2.506	84	5858	0.277	ug/L	91
25) Chloroform	4.374	83	2371	0.073	ug/L	83
35) Methylcyclohexane	6.066	83	24324	0.708	ug/L #	21
37) 1,2-Dichloropropane	6.069	63	10322	0.587	ug/L #	85
61) 1,2,3-Trichloropropane	11.242	75	11990	1.496	ug/L #	65
71) Naphthalene	13.512	128	2059	0.076	ug/L #	82
72) 1,2,3-Trichlorobenzene	13.741	180	1168	0.066	ug/L #	76

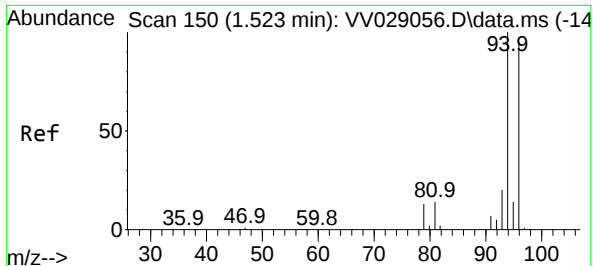
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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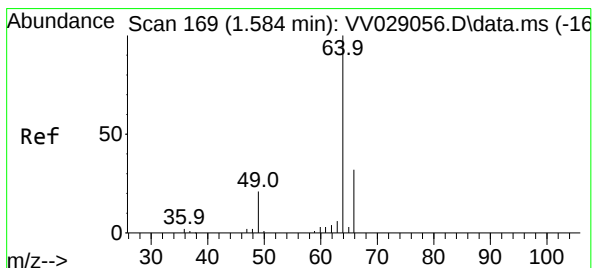
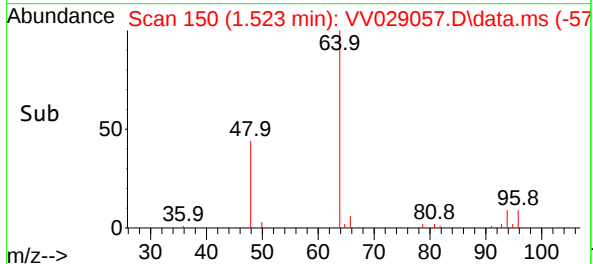
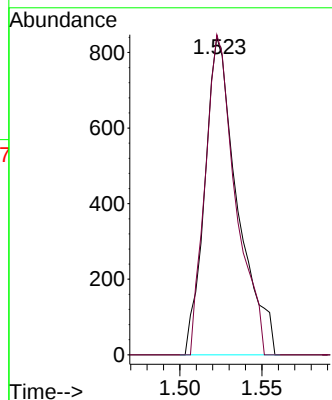
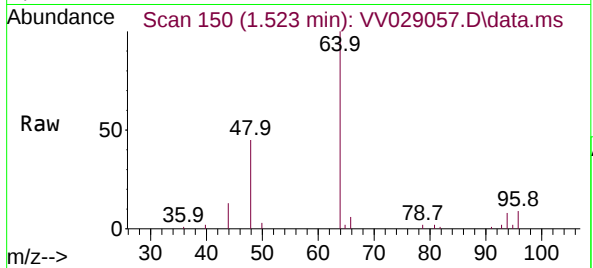




#6
Bromomethane
Concen: 0.091 ug/L
RT: 1.523 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV029057.D
Acq: 17 Nov 2022 12:35

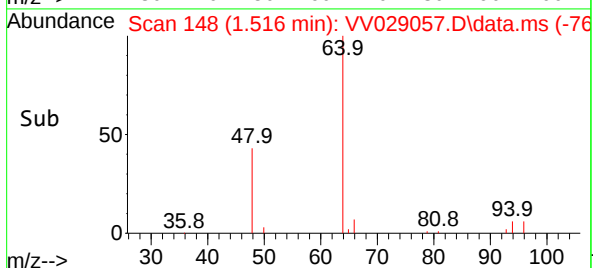
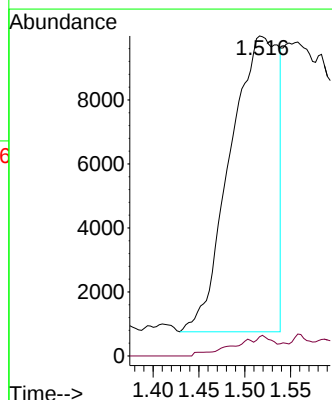
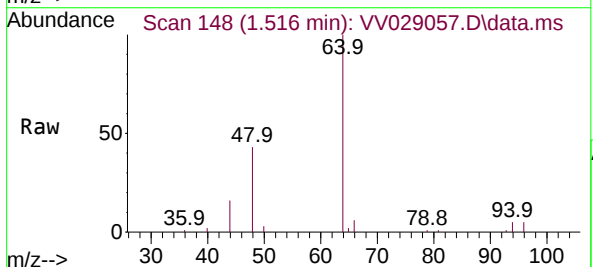
Instrument :
MSVOA_V
ClientSampleId :
VBLK266

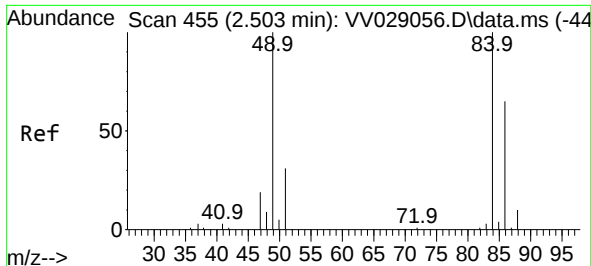
Tgt Ion: 94 Resp: 1165
Ion Ratio Lower Upper
94 100
96 100.8 68.5 127.3



#8
Chloroethane
Concen: 2.680 ug/L
RT: 1.516 min Scan# 148
Delta R.T. -0.068 min
Lab File: VV029057.D
Acq: 17 Nov 2022 12:35

Tgt Ion: 64 Resp: 33637
Ion Ratio Lower Upper
64 100
66 6.0 22.0 40.8#

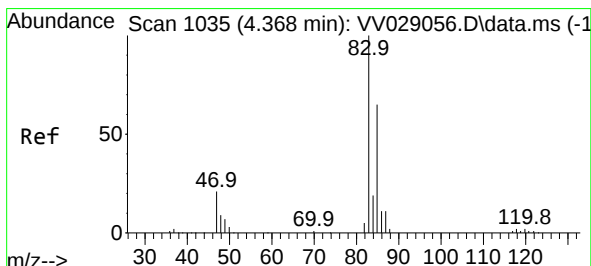
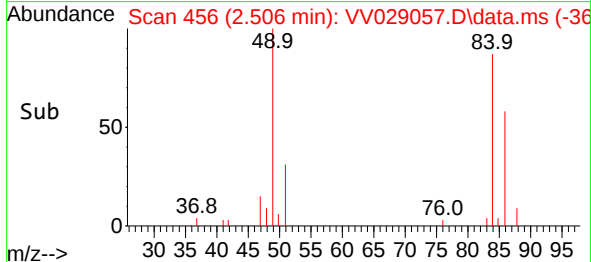
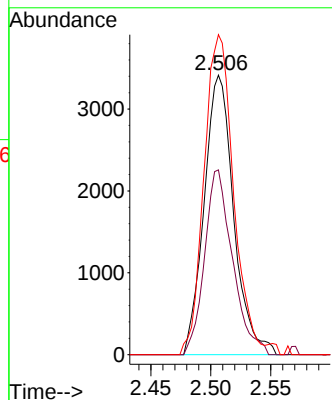
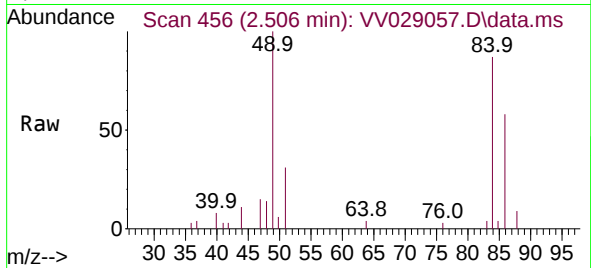




#16
Methylene chloride
Concen: 0.277 ug/L
RT: 2.506 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV029057.D
Acq: 17 Nov 2022 12:35

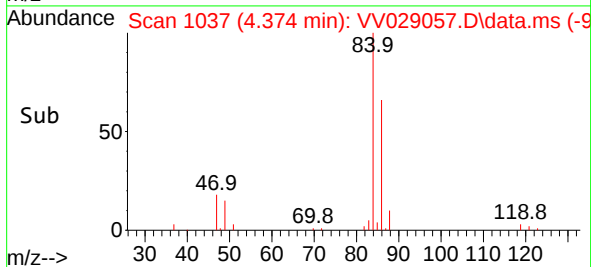
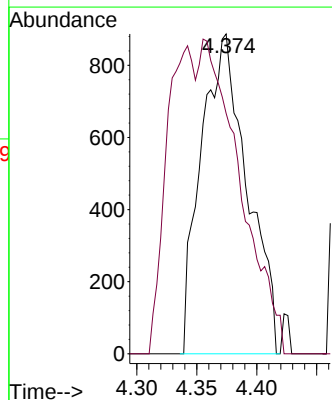
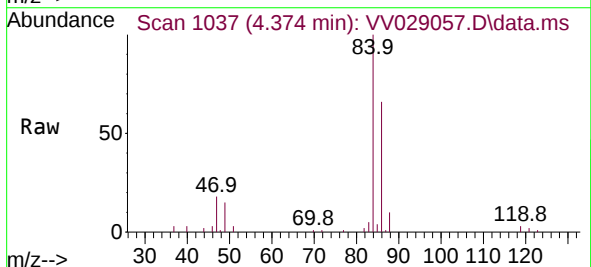
Instrument :
MSVOA_V
ClientSampleId :
VBLK266

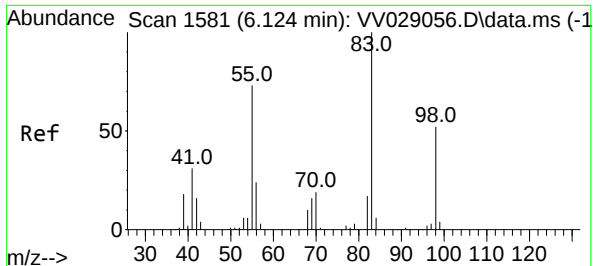
Tgt Ion: 84 Resp: 5858
Ion Ratio Lower Upper
84 100
86 66.1 45.8 85.0
49 121.6 75.5 140.1



#25
Chloroform
Concen: 0.073 ug/L
RT: 4.374 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VV029057.D
Acq: 17 Nov 2022 12:35

Tgt Ion: 83 Resp: 2371
Ion Ratio Lower Upper
83 100
85 75.2 43.7 81.1





#35

Methylcyclohexane

Concen: 0.708 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.058 min

Lab File: VV029057.D

Acq: 17 Nov 2022 12:35

Instrument :

MSVOA_V

ClientSampleId :

VBLK266

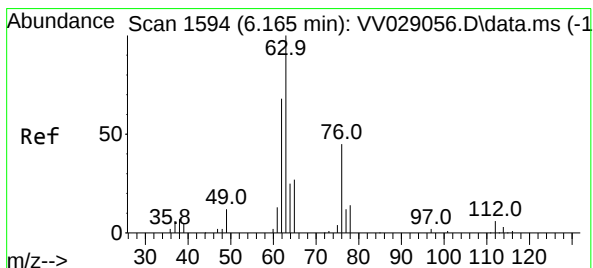
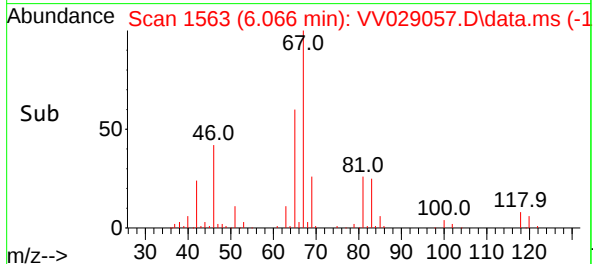
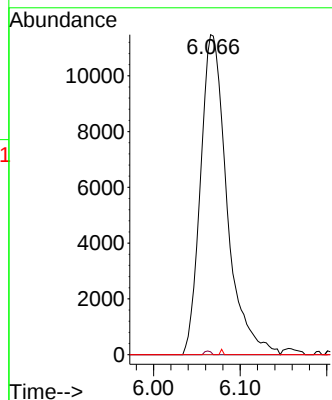
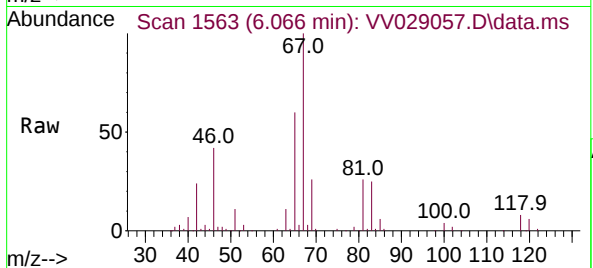
Tgt Ion: 83 Resp: 24324

Ion Ratio Lower Upper

83 100

55 0.3 55.8 83.6#

98 0.2 38.2 57.2#



#37

1,2-Dichloropropane

Concen: 0.587 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.096 min

Lab File: VV029057.D

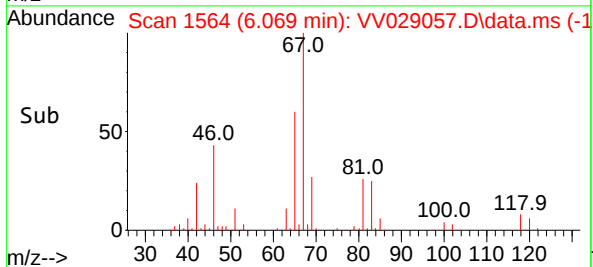
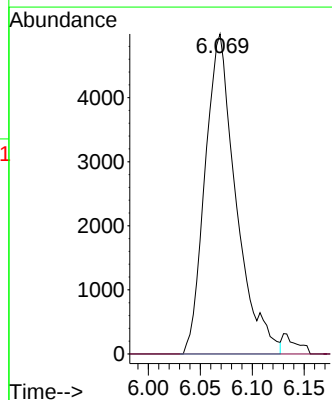
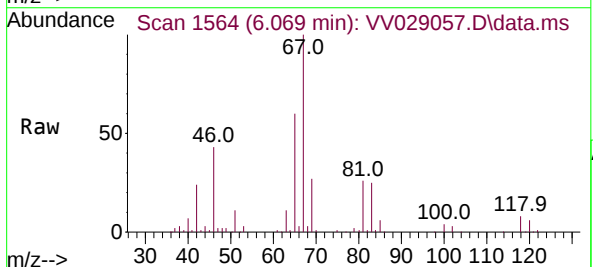
Acq: 17 Nov 2022 12:35

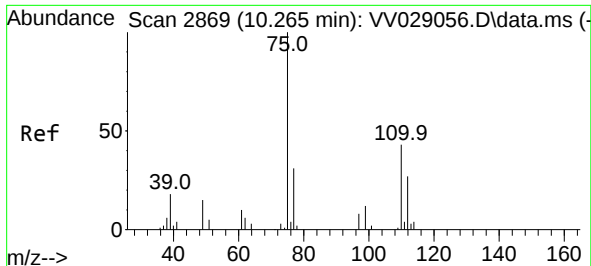
Tgt Ion: 63 Resp: 10322

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#

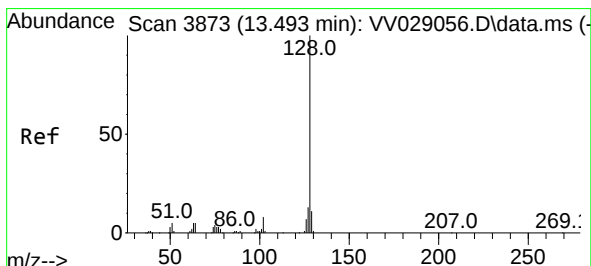
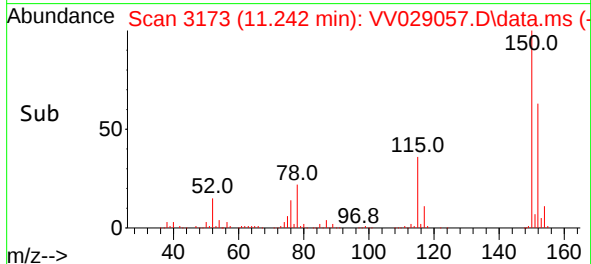
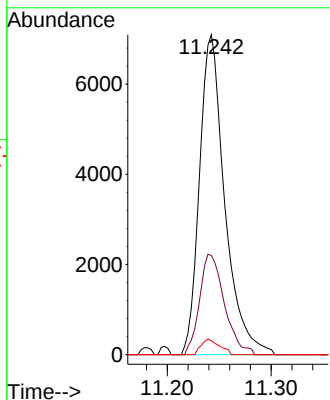
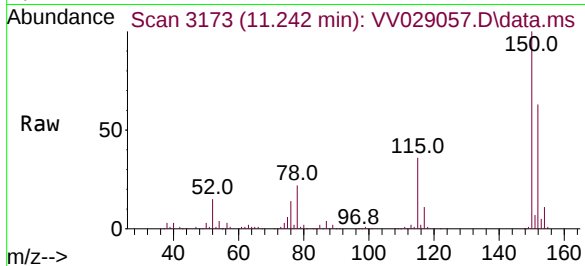




#61
1,2,3-Trichloropropane
Concen: 1.496 ug/L
RT: 11.242 min Scan# 3173
Delta R.T. 0.977 min
Lab File: VV029057.D
Acq: 17 Nov 2022 12:35

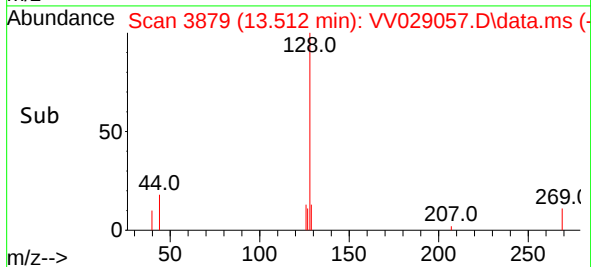
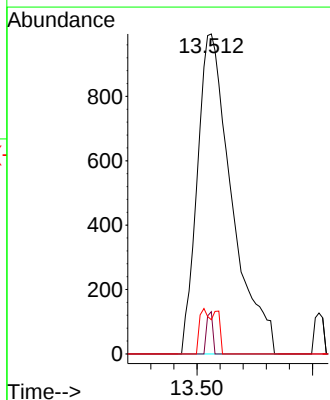
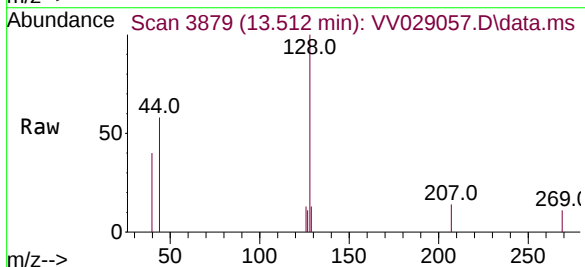
Instrument :
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ClientSampleId :
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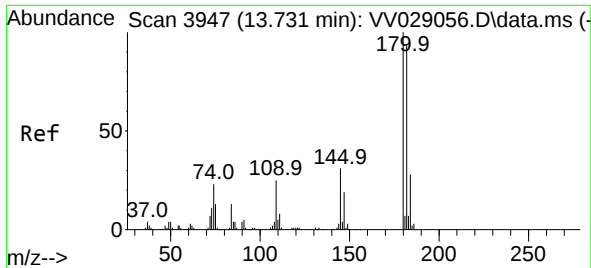
Tgt Ion: 75 Resp: 11990
Ion Ratio Lower Upper
75 100
77 30.7 26.2 39.2
110 3.5 32.6 48.8#



#71
Naphthalene
Concen: 0.076 ug/L
RT: 13.512 min Scan# 3879
Delta R.T. 0.019 min
Lab File: VV029057.D
Acq: 17 Nov 2022 12:35

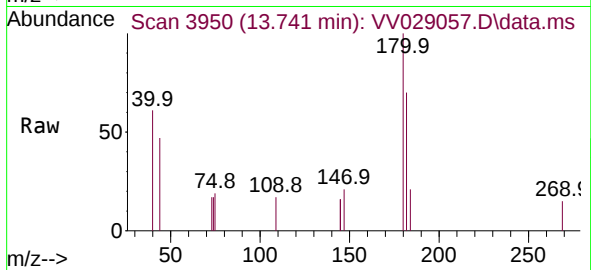
Tgt Ion: 128 Resp: 2059
Ion Ratio Lower Upper
128 100
129 2.3 8.8 13.2#
127 7.0 9.8 14.8#





#72
 1,2,3-Trichlorobenzene
 Concen: 0.066 ug/L
 RT: 13.741 min Scan# 3947
 Delta R.T. 0.010 min
 Lab File: VV029057.D
 Acq: 17 Nov 2022 12:35

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK266



Tgt Ion:180 Resp: 1168
 Ion Ratio Lower Upper
 180 100
 182 71.9 75.4 113.2#
 145 16.4 24.9 37.3#

