

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111622\
 Data File : VW029023.D
 Acq On : 16 Nov 2022 17:39
 Operator : SY/MD
 Sample : N5620-14
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BGCB1

Quant Time: Nov 17 02:55:00 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

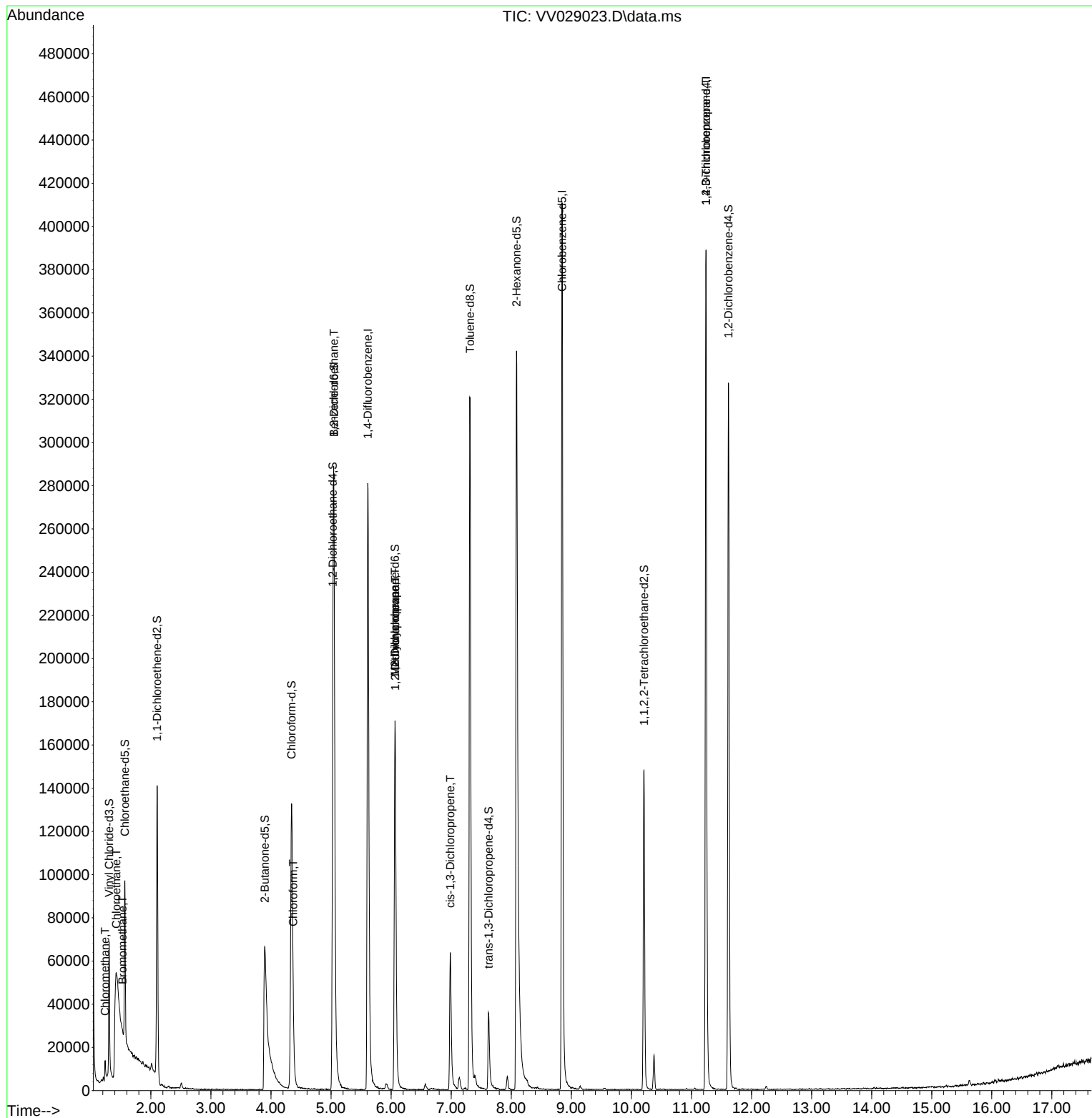
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	272497	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	251293	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	114424	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	44315	2.668	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	53.400%	
7) Chloroethane-d5	1.568	69	48727	3.336	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	66.800%	
11) 1,1-Dichloroethene-d2	2.105	63	65140	2.152	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	43.000%#	
20) 2-Butanone-d5	3.895	46	155434	55.893	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	111.780%	
24) Chloroform-d	4.342	84	146388	4.292	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	85.800%	
26) 1,2-Dichloroethane-d4	5.030	65	69414	4.523	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	90.400%	
32) Benzene-d6	5.047	84	283934	3.785	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	75.800%	
36) 1,2-Dichloropropane-d6	6.066	67	89079	4.253	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	85.000%	
41) Toluene-d8	7.313	98	237532	3.518	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	70.400%	
43) trans-1,3-Dichloroprop...	7.622	79	24639	3.607	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	72.200%	
46) 2-Hexanone-d5	8.088	63	148548	50.945	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	101.880%	
56) 1,1,2,2-Tetrachloroeth...	10.210	84	74798	5.151	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	103.000%	
66) 1,2-Dichlorobenzene-d4	11.615	152	95860	4.683	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	93.600%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	6159	0.327	ug/L	89
6) Bromomethane	1.526	94	583	0.045	ug/L	82
8) Chloroethane	1.423	64	210239	16.637	ug/L #	52
25) Chloroform	4.368	83	8076	0.246	ug/L	84
27) 1,2-Dichloroethane	5.047	62	1591	0.094	ug/L #	70
35) Methylcyclohexane	6.066	83	22618	0.655	ug/L #	21
37) 1,2-Dichloropropane	6.069	63	9939	0.561	ug/L #	85
39) cis-1,3-Dichloropropene	6.985	75	1660	0.067	ug/L	84
61) 1,2,3-Trichloropropane	11.242	75	11075	1.416	ug/L #	65

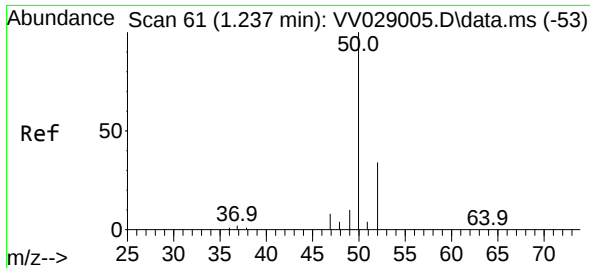
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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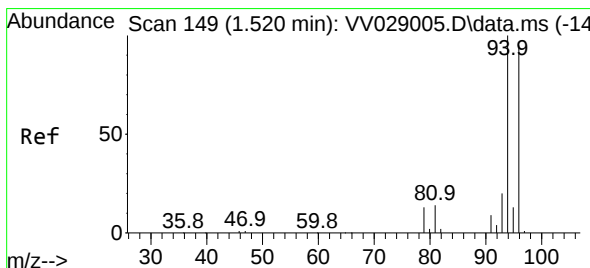
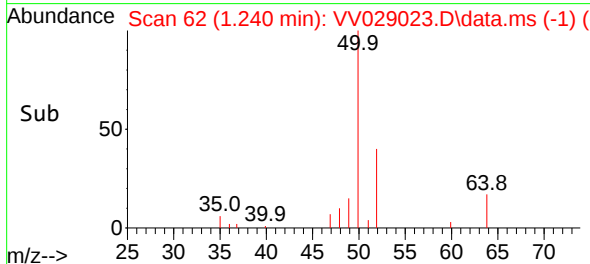
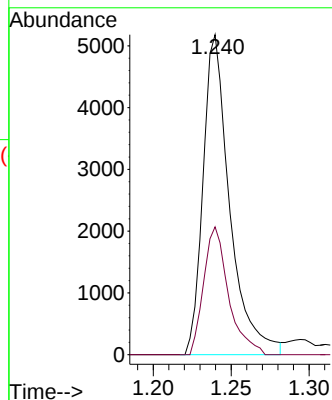
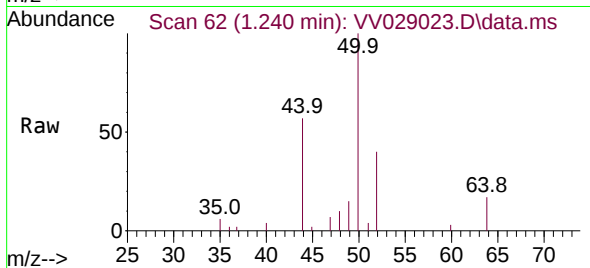




#3
Chloromethane
Concen: 0.327 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV029023.D
Acq: 16 Nov 2022 17:39

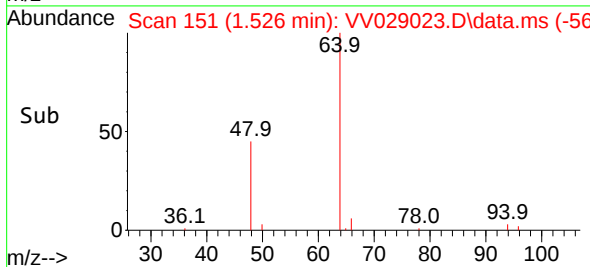
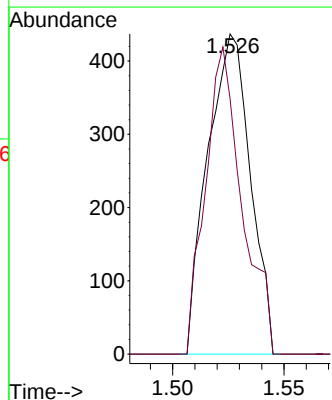
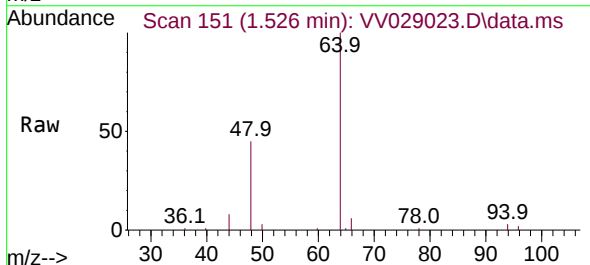
Instrument :
MSVOA_V
ClientSampleId :
BGCBI

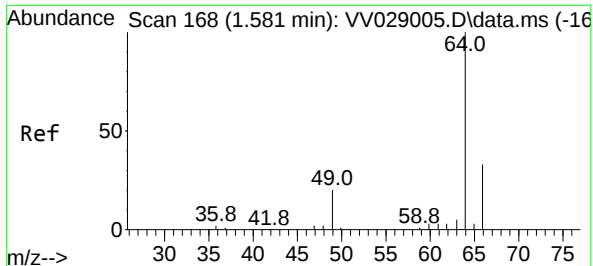
Tgt Ion: 50 Resp: 6159
Ion Ratio Lower Upper
50 100
52 39.9 23.7 43.9



#6
Bromomethane
Concen: 0.045 ug/L
RT: 1.526 min Scan# 151
Delta R.T. 0.006 min
Lab File: VV029023.D
Acq: 16 Nov 2022 17:39

Tgt Ion: 94 Resp: 583
Ion Ratio Lower Upper
94 100
96 79.6 68.5 127.3

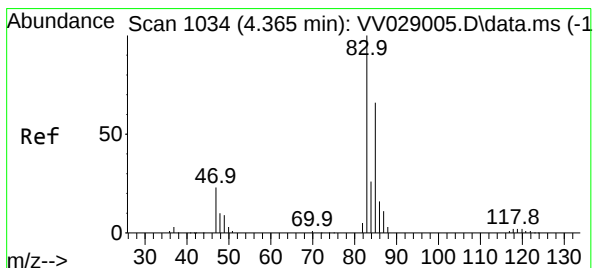
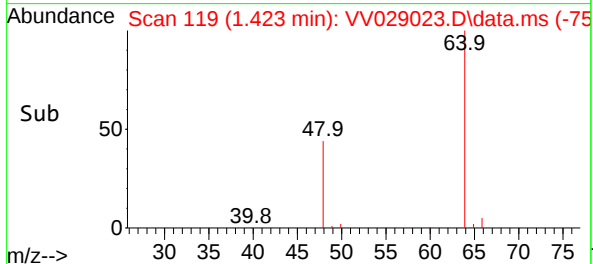
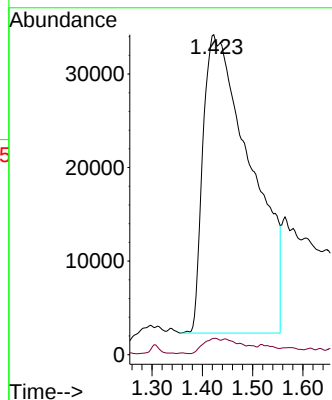
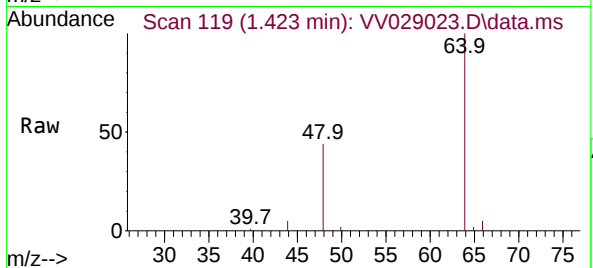




#8
Chloroethane
Concen: 16.637 ug/L
RT: 1.423 min Scan# 119
Delta R.T. -0.158 min
Lab File: VV029023.D
Acq: 16 Nov 2022 17:39

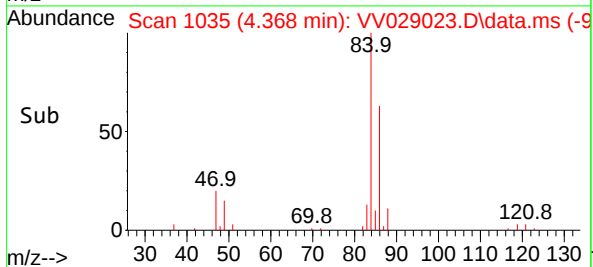
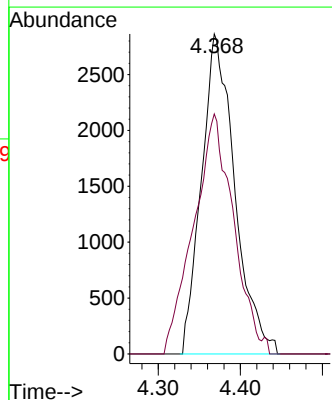
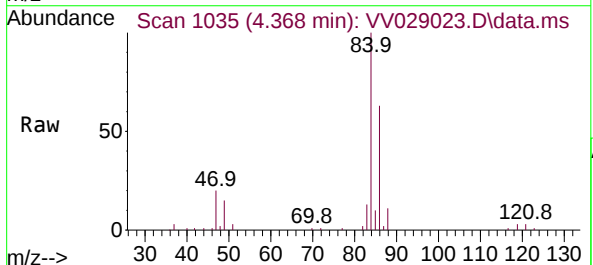
Instrument :
MSVOA_V
ClientSampleId :
BGCB1

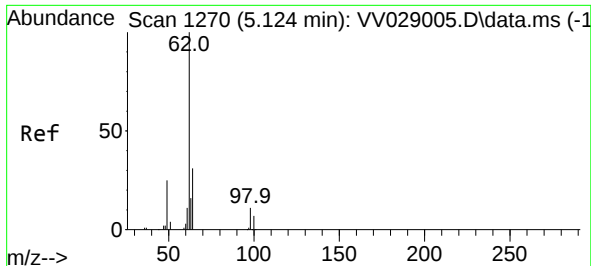
Tgt Ion: 64 Resp: 210239
Ion Ratio Lower Upper
64 100
66 5.1 22.0 40.8#



#25
Chloroform
Concen: 0.246 ug/L
RT: 4.368 min Scan# 1035
Delta R.T. 0.003 min
Lab File: VV029023.D
Acq: 16 Nov 2022 17:39

Tgt Ion: 83 Resp: 8076
Ion Ratio Lower Upper
83 100
85 75.0 43.7 81.1





#27

1,2-Dichloroethane

Concen: 0.094 ug/L

RT: 5.047 min Scan# 1

Delta R.T. -0.077 min

Lab File: VV029023.D

Acq: 16 Nov 2022 17:39

Instrument :

MSVOA_V

ClientSampleId :

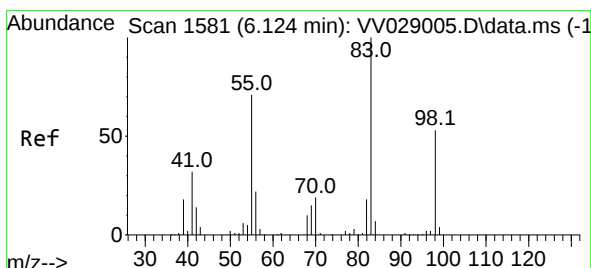
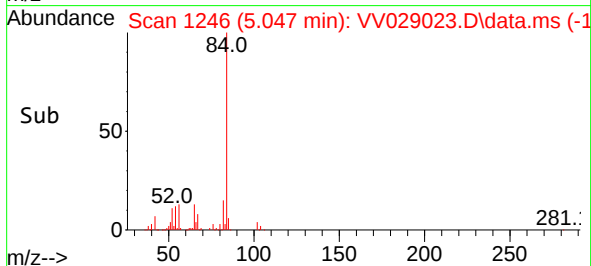
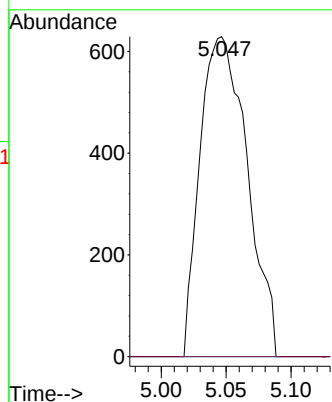
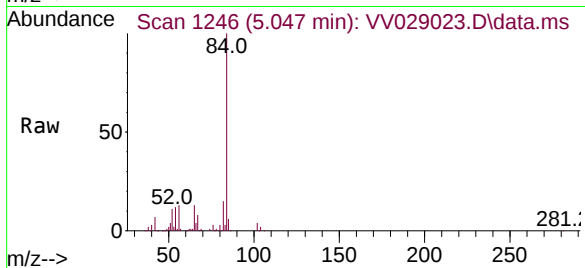
BGCB1

Tgt Ion: 62 Resp: 1591

Ion Ratio Lower Upper

62 100

98 0.0 9.0 13.6#



#35

Methylcyclohexane

Concen: 0.655 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.058 min

Lab File: VV029023.D

Acq: 16 Nov 2022 17:39

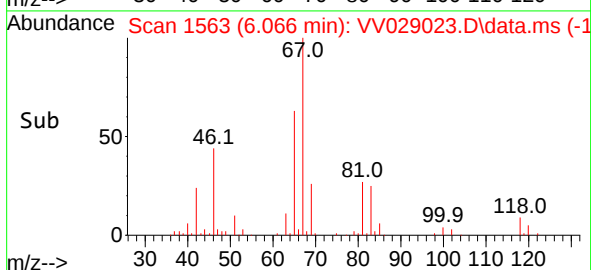
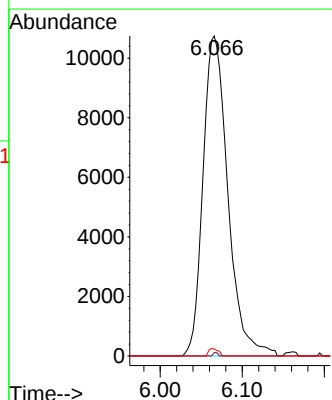
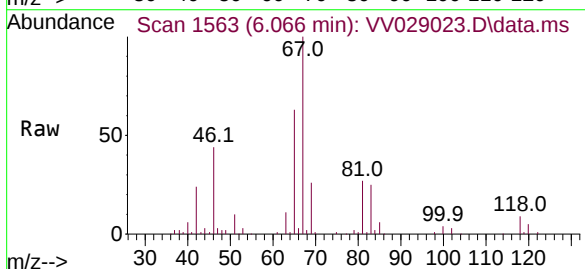
Tgt Ion: 83 Resp: 22618

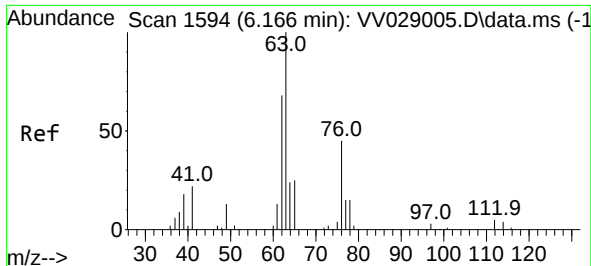
Ion Ratio Lower Upper

83 100

55 0.2 55.8 83.6#

98 0.9 38.2 57.2#





#37

1,2-Dichloropropane

Concen: 0.561 ug/L

RT: 6.069 min Scan# 11

Delta R.T. -0.097 min

Lab File: VV029023.D

Acq: 16 Nov 2022 17:39

Instrument :

MSVOA_V

ClientSampleId :

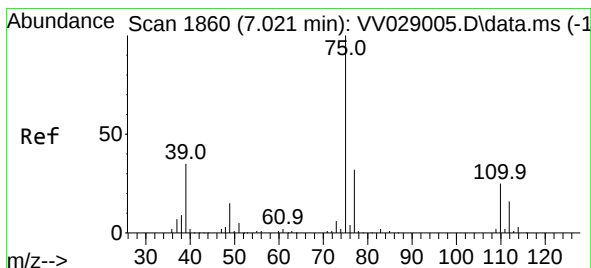
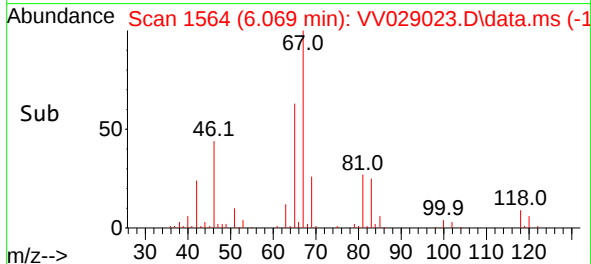
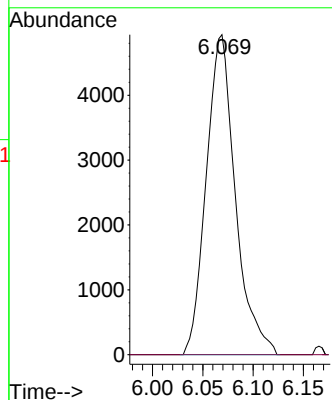
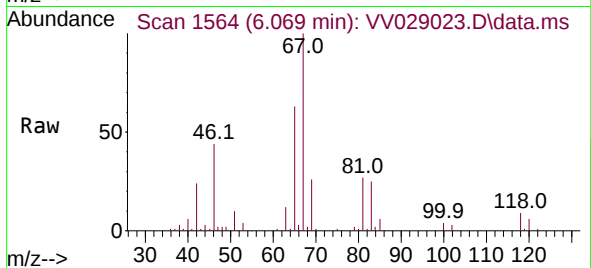
BGCB1

Tgt Ion: 63 Resp: 9939

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#



#39

cis-1,3-Dichloropropene

Concen: 0.067 ug/L

RT: 6.985 min Scan# 1849

Delta R.T. -0.036 min

Lab File: VV029023.D

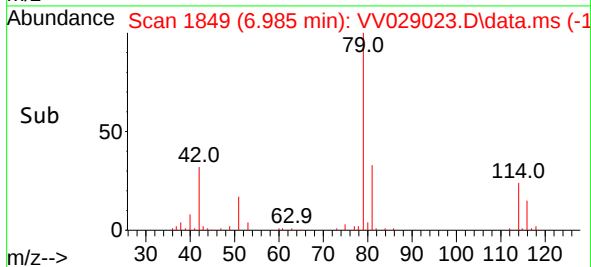
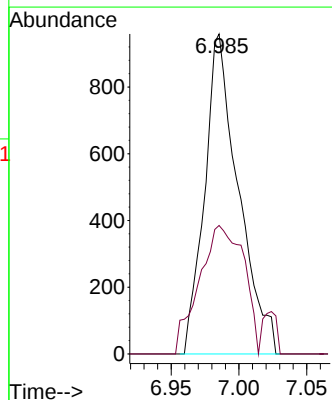
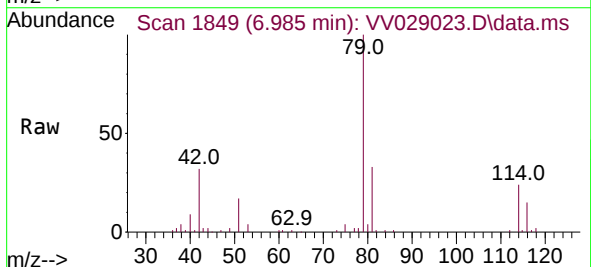
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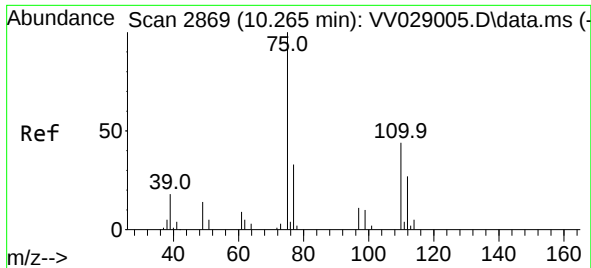
Tgt Ion: 75 Resp: 1660

Ion Ratio Lower Upper

75 100

77 40.1 21.8 40.6





#61
 1,2,3-Trichloropropane
 Concen: 1.416 ug/L
 RT: 11.242 min Scan# 31
 Delta R.T. 0.977 min
 Lab File: VV029023.D
 Acq: 16 Nov 2022 17:39

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Tgt Ion: 75 Resp: 11075
 Ion Ratio Lower Upper
 75 100
 77 32.1 26.2 39.2
 110 2.2 32.6 48.8#

