

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111822\
 Data File : VV029141.D
 Acq On : 19 Nov 2022 01:13
 Operator : SY/MD
 Sample : M5688-16
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BGCG6

Quant Time: Nov 19 02:01:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 18 04:35:43 2022
 Response via : Initial Calibration

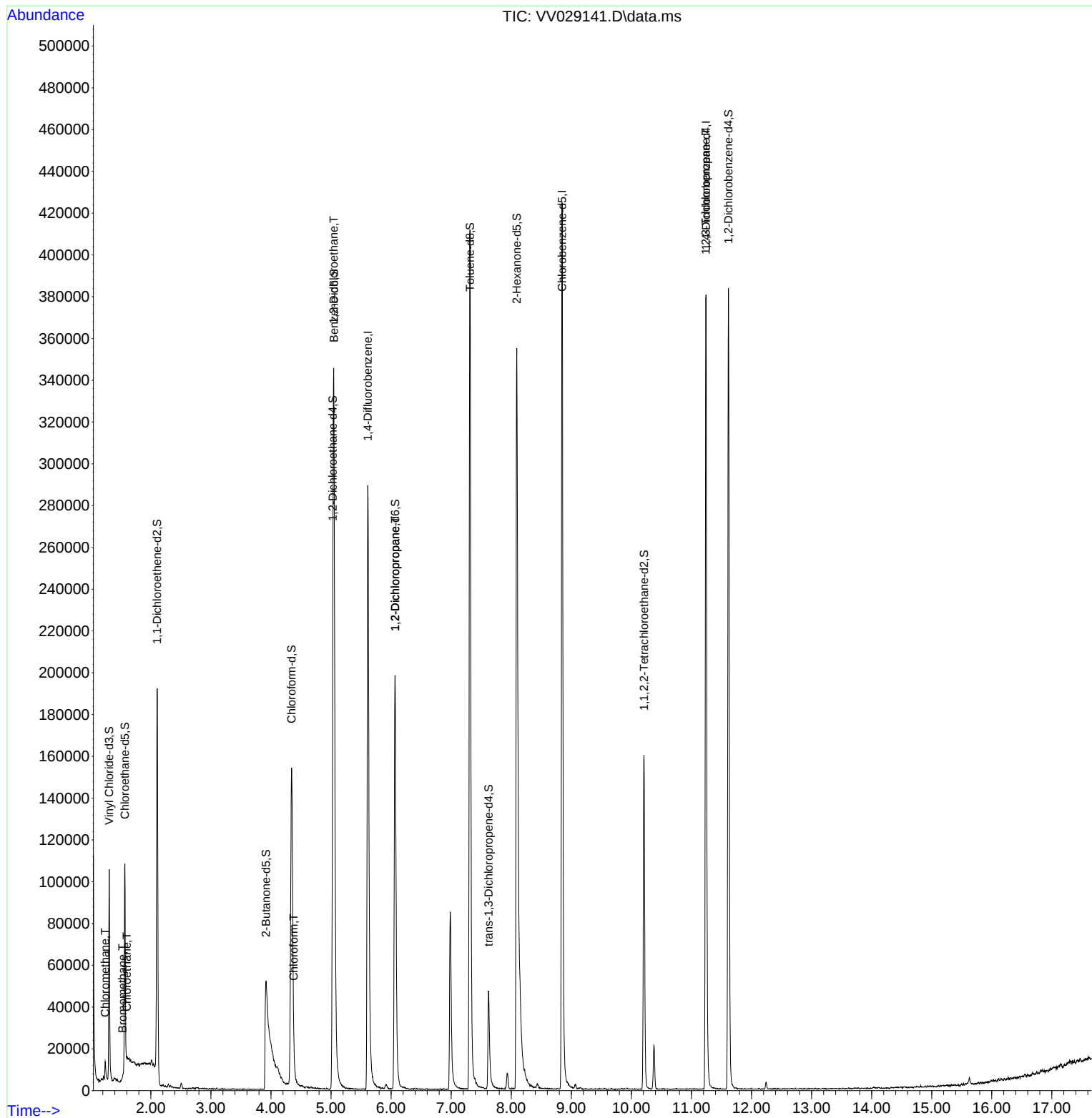
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	271659	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	251718	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	108971	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	68340	4.126	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	82.600%	
7) Chloroethane-d5	1.568	69	63412	4.355	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	87.200%	
11) 1,1-Dichloroethene-d2	2.104	63	98183	3.253	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	65.000%	
20) 2-Butanone-d5	3.918	46	182928	65.983	ug/L	0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	131.960%#	
24) Chloroform-d	4.342	84	168314	4.950	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	99.000%	
26) 1,2-Dichloroethane-d4	5.030	65	81812	5.348	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	107.000%	
32) Benzene-d6	5.047	84	331711	4.415	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	88.200%	
36) 1,2-Dichloropropane-d6	6.066	67	105445	5.026	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	100.600%	
41) Toluene-d8	7.313	98	294501	4.354	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	87.000%	
43) trans-1,3-Dichloroprop...	7.622	79	30701	4.487	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	89.800%	
46) 2-Hexanone-d5	8.091	63	156169	53.468	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	106.940%	
56) 1,1,2,2-Tetrachloroeth...	10.210	84	82198	5.651	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	113.000%	
66) 1,2-Dichlorobenzene-d4	11.615	152	107941	5.537	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	110.800%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	6311	0.336	ug/L	95
6) Bromomethane	1.526	94	553	0.043	ug/L	85
8) Chloroethane	1.600	64	23840	1.892	ug/L #	54
25) Chloroform	4.378	83	2204	0.067	ug/L	90
27) 1,2-Dichloroethane	5.043	62	1674	0.099	ug/L #	70
37) 1,2-Dichloropropane	6.066	63	11060	0.624	ug/L #	85
61) 1,2,3-Trichloropropane	11.239	75	12246	1.644	ug/L #	63

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

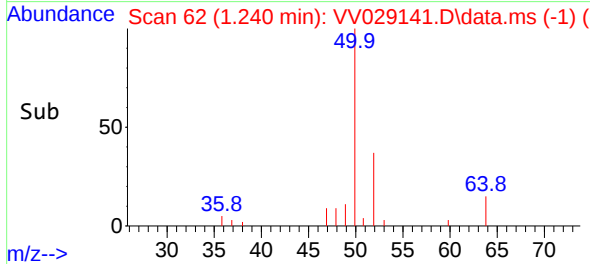
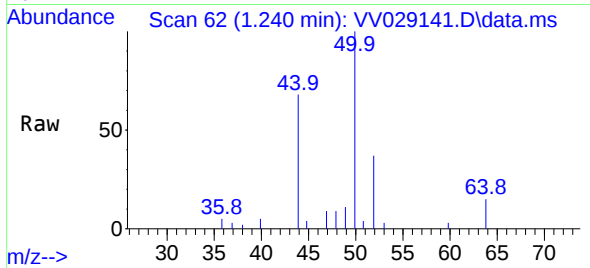
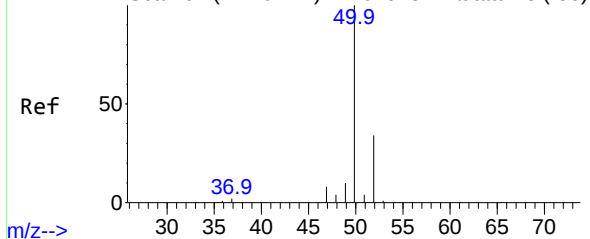
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Response via : Initial Calibration



Abundance Scan 62 (1.240 min): VV029132.D\data.ms (-50)



#3

Chloromethane

Concen: 0.336 ug/L

RT: 1.240 min Scan# 61

Delta R.T. -0.000 min

Lab File: VV029141.D

Acq: 19 Nov 2022 01:13

Instrument :

MSVOA_V

ClientSampleId :

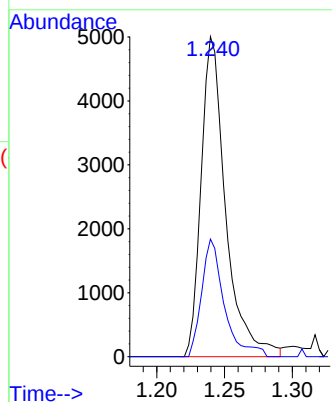
BGCG6

Tgt Ion: 50 Resp: 6311

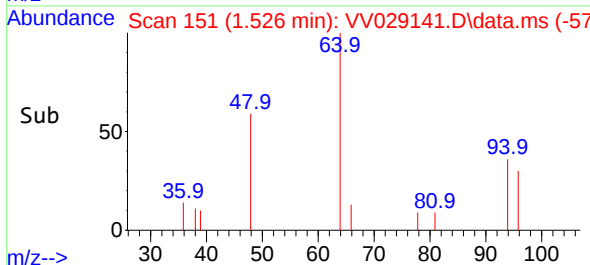
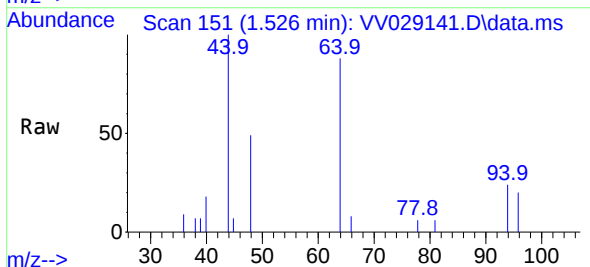
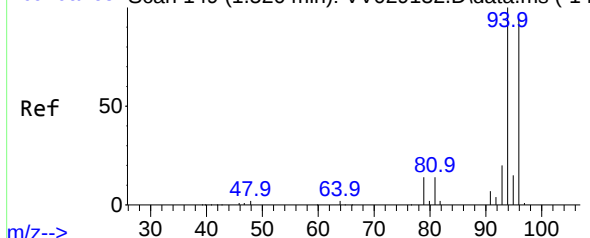
Ion Ratio Lower Upper

50 100

52 36.8 23.7 43.9



Abundance Scan 149 (1.520 min): VV029132.D\data.ms (-14)



#6

Bromomethane

Concen: 0.043 ug/L

RT: 1.526 min Scan# 151

Delta R.T. 0.003 min

Lab File: VV029141.D

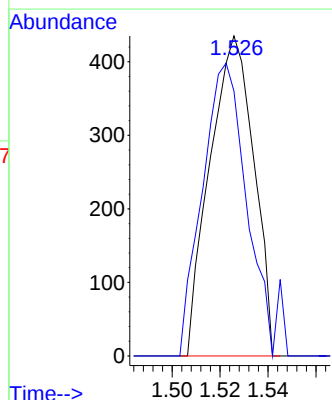
Acq: 19 Nov 2022 01:13

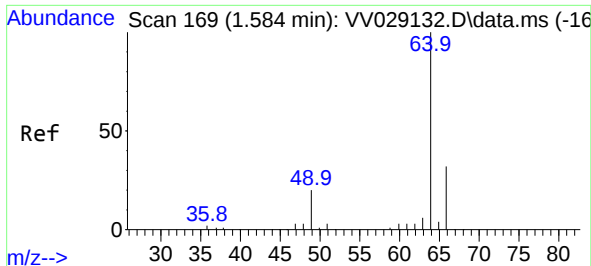
Tgt Ion: 94 Resp: 553

Ion Ratio Lower Upper

94 100

96 82.8 68.5 127.3

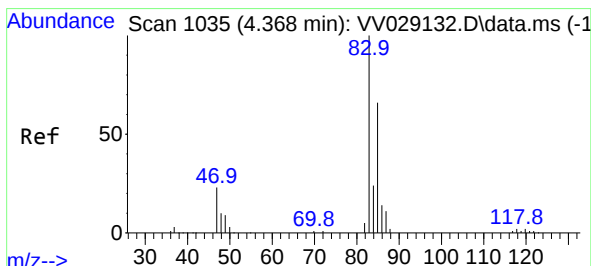
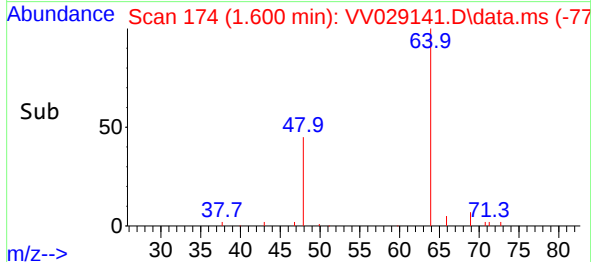
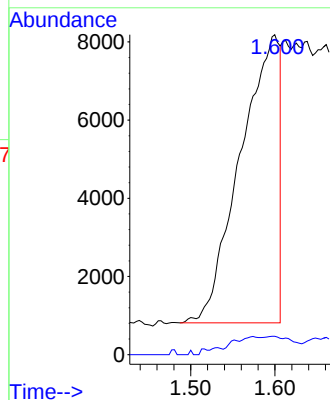
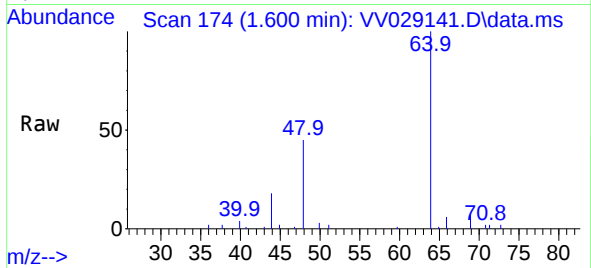




#8
Chloroethane
Concen: 1.892 ug/L
RT: 1.600 min Scan# 11
Delta R.T. 0.013 min
Lab File: VV029141.D
Acq: 19 Nov 2022 01:13

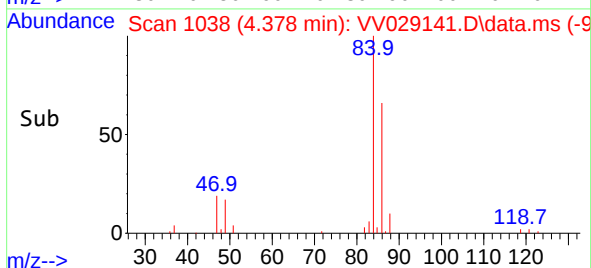
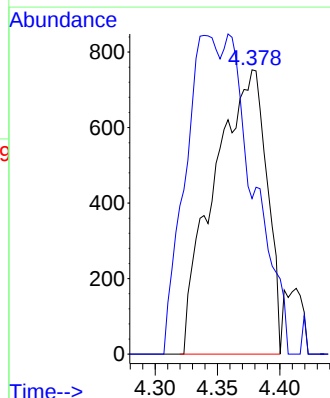
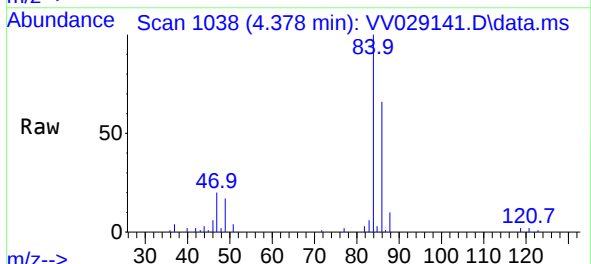
Instrument :
MSVOA_V
ClientSampleId :
BGCG6

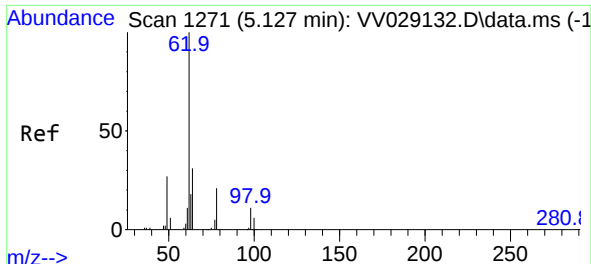
Tgt Ion: 64 Resp: 23840
Ion Ratio Lower Upper
64 100
66 5.7 22.0 40.8#



#25
Chloroform
Concen: 0.067 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. 0.003 min
Lab File: VV029141.D
Acq: 19 Nov 2022 01:13

Tgt Ion: 83 Resp: 2204
Ion Ratio Lower Upper
83 100
85 54.7 43.7 81.1

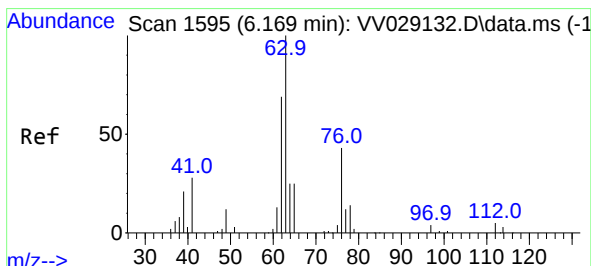
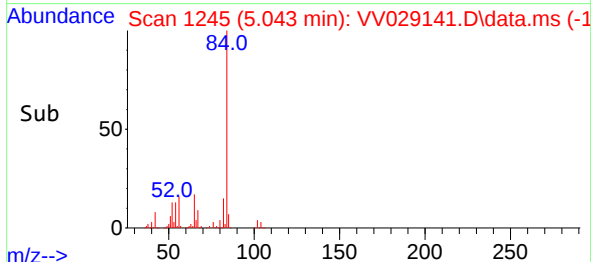
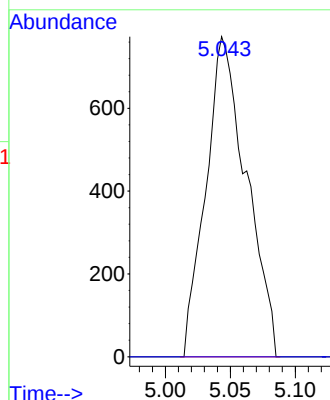
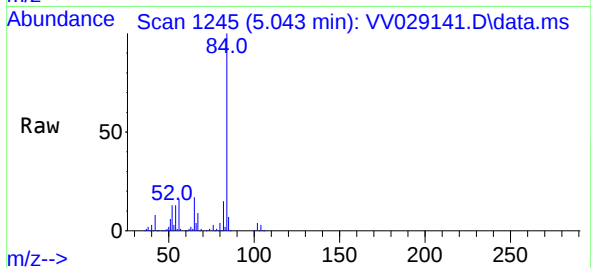




#27
1,2-Dichloroethane
Concen: 0.099 ug/L
RT: 5.043 min Scan# 11
Delta R.T. -0.090 min
Lab File: VV029141.D
Acq: 19 Nov 2022 01:13

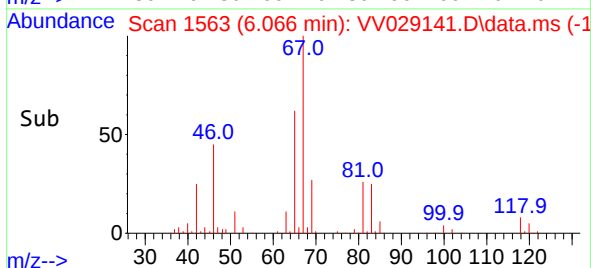
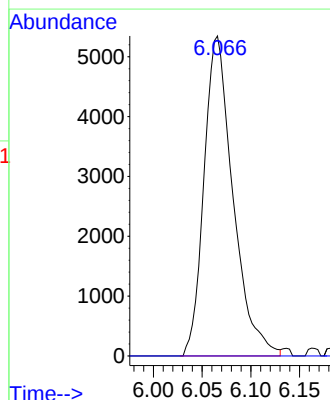
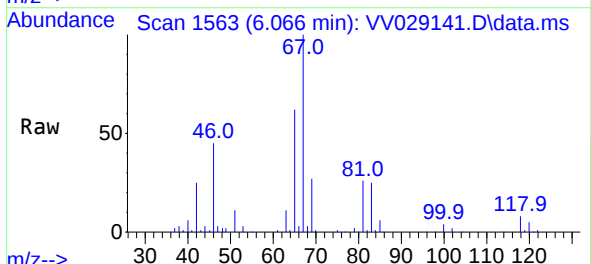
Instrument :
MSVOA_V
ClientSampleId :
BGCG6

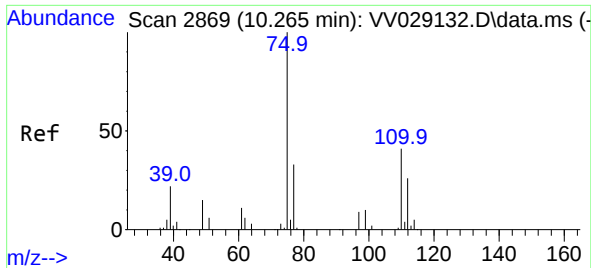
Tgt Ion: 62 Resp: 1674
Ion Ratio Lower Upper
62 100
98 0.0 9.0 13.6#



#37
1,2-Dichloropropane
Concen: 0.624 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.106 min
Lab File: VV029141.D
Acq: 19 Nov 2022 01:13

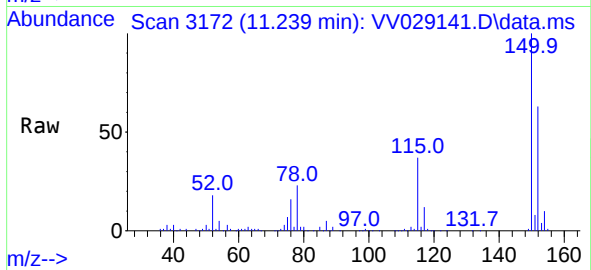
Tgt Ion: 63 Resp: 11060
Ion Ratio Lower Upper
63 100
112 0.2 4.0 6.0#





#61
 1,2,3-Trichloropropane
 Concen: 1.644 ug/L
 RT: 11.239 min Scan# 31
 Delta R.T. 0.971 min
 Lab File: VV029141.D
 Acq: 19 Nov 2022 01:13

Instrument :
 MSVOA_V
 ClientSampleId :
 BGCG6



Tgt Ion: 75 Resp: 12246
 Ion Ratio Lower Upper
 75 100
 77 29.1 26.2 39.2
 110 2.7 32.6 48.8#

