

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111622\
 Data File : VW029026.D
 Acq On : 16 Nov 2022 18:53
 Operator : SY/MD
 Sample : N5620-17
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BGCB4

Quant Time: Nov 17 02:55:40 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)

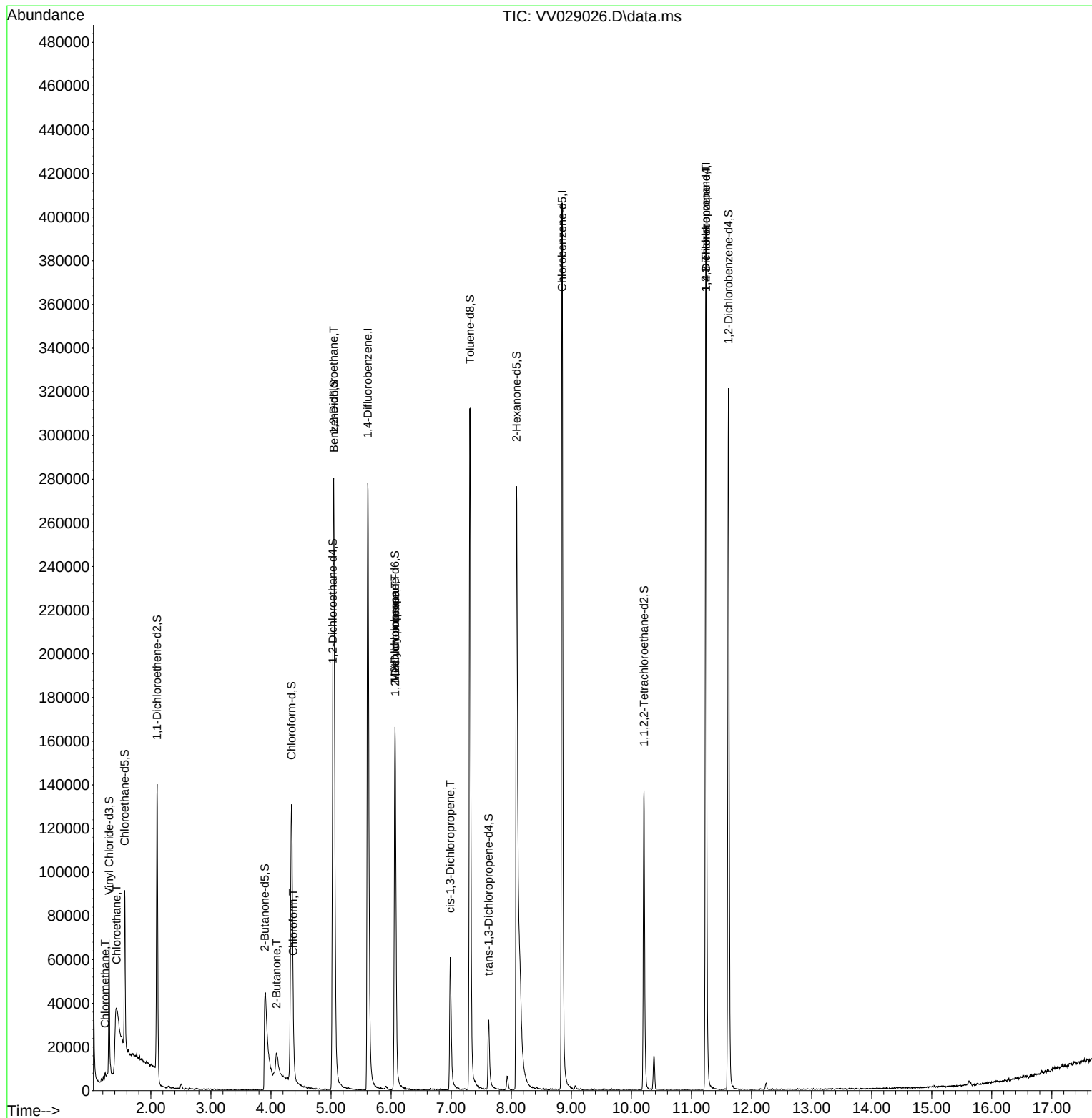
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	270468	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	247992	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	114359	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	41339	2.507	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	50.200%
7) Chloroethane-d5	1.564	69	47007	3.243	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	64.800%#
11) 1,1-Dichloroethene-d2	2.105	63	63624	2.117	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	42.400%#
20) 2-Butanone-d5	3.899	46	108998	39.489	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	78.980%
24) Chloroform-d	4.342	84	140660	4.155	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.000%
26) 1,2-Dichloroethane-d4	5.027	65	68480	4.496	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.000%
32) Benzene-d6	5.047	84	274265	3.705	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	74.200%
36) 1,2-Dichloropropane-d6	6.066	67	85802	4.151	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.000%
41) Toluene-d8	7.313	98	229827	3.449	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	69.000%#
43) trans-1,3-Dichloroprop...	7.625	79	22705	3.368	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	67.400%
46) 2-Hexanone-d5	8.088	63	136796	47.539	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.080%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	70614	4.927	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.600%
66) 1,2-Dichlorobenzene-d4	11.615	152	93295	4.560	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.200%
Target Compounds						Qvalue
3) Chloromethane	1.240	50	2714	0.145	ug/L	94
8) Chloroethane	1.429	64	125505	10.006	ug/L #	53
21) 2-Butanone	4.092	43	25005	9.096	ug/L #	51
25) Chloroform	4.371	83	4159	0.128	ug/L	99
27) 1,2-Dichloroethane	5.043	62	1146	0.068	ug/L #	70
35) Methylcyclohexane	6.066	83	21557	0.632	ug/L #	21
37) 1,2-Dichloropropane	6.069	63	9224	0.528	ug/L #	85
39) cis-1,3-Dichloropropene	6.985	75	1606	0.066	ug/L #	68
61) 1,2,3-Trichloropropane	11.239	75	11707	1.498	ug/L #	65

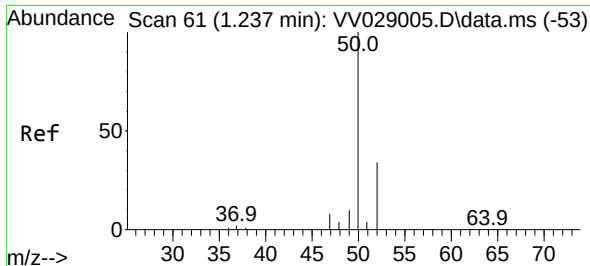
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.145 ug/L

RT: 1.240 min Scan# 61

Delta R.T. 0.003 min

Lab File: VV029026.D

Acq: 16 Nov 2022 18:53

Instrument :

MSVOA_V

ClientSampleId :

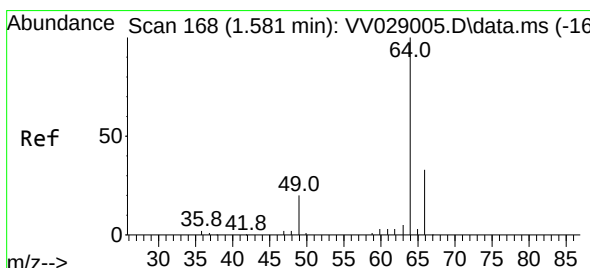
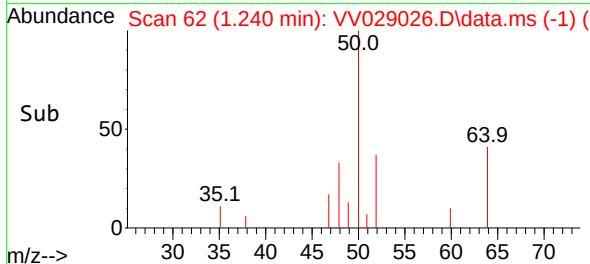
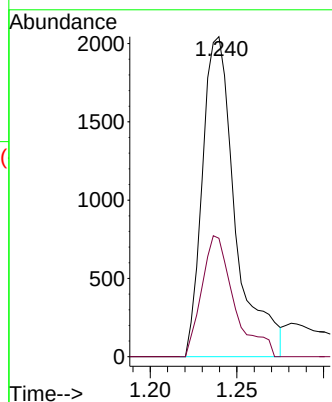
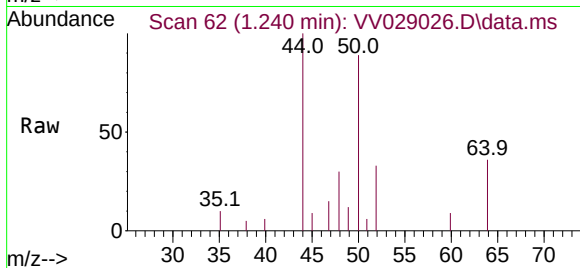
BGCB4

Tgt Ion: 50 Resp: 2714

Ion Ratio Lower Upper

50 100

52 37.0 23.7 43.9



#8

Chloroethane

Concen: 10.006 ug/L

RT: 1.429 min Scan# 121

Delta R.T. -0.151 min

Lab File: VV029026.D

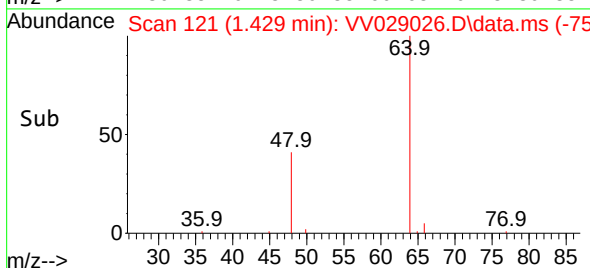
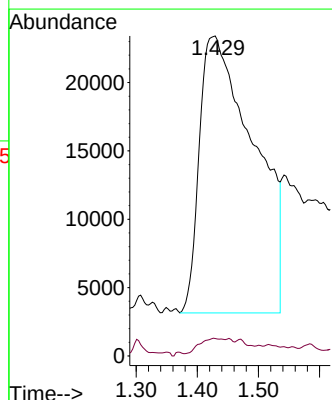
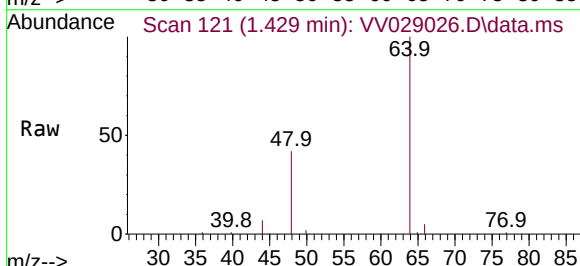
Acq: 16 Nov 2022 18:53

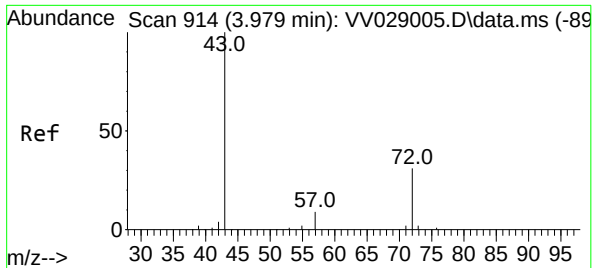
Tgt Ion: 64 Resp: 125505

Ion Ratio Lower Upper

64 100

66 5.5 22.0 40.8#

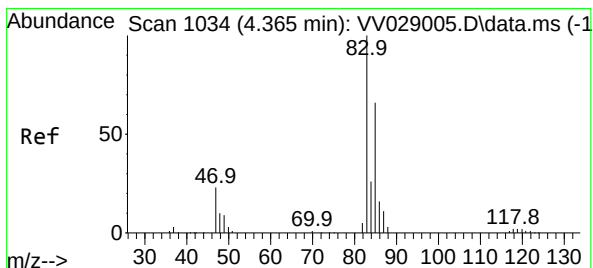
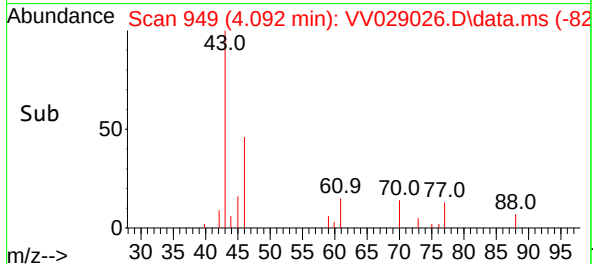
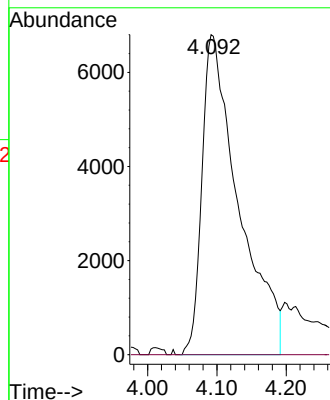
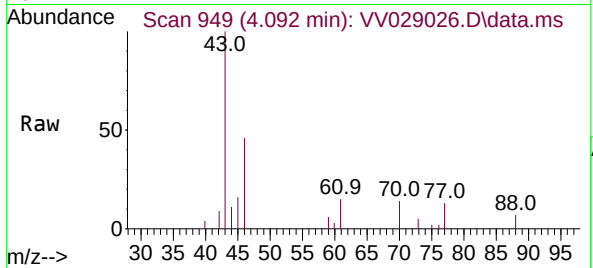




#21
2-Butanone
Concen: 9.096 ug/L
RT: 4.092 min Scan# 949
Delta R.T. 0.112 min
Lab File: VV029026.D
Acq: 16 Nov 2022 18:53

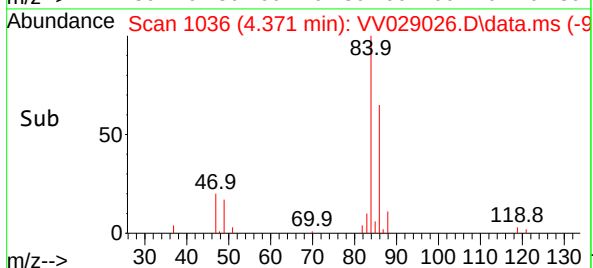
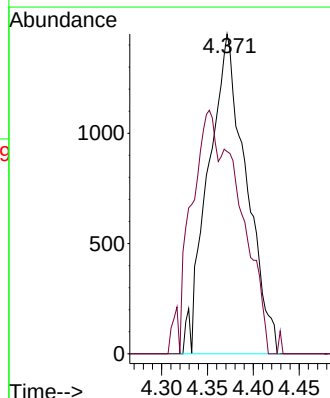
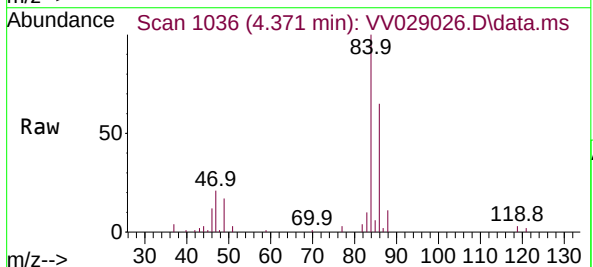
Instrument :
MSVOA_V
ClientSampleId :
BGC4

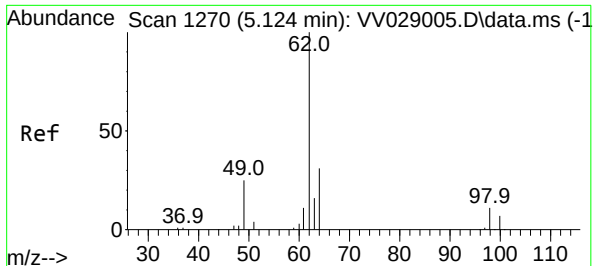
Tgt Ion: 43 Resp: 25005
Ion Ratio Lower Upper
43 100
72 0.0 11.9 35.9#



#25
Chloroform
Concen: 0.128 ug/L
RT: 4.371 min Scan# 1036
Delta R.T. 0.006 min
Lab File: VV029026.D
Acq: 16 Nov 2022 18:53

Tgt Ion: 83 Resp: 4159
Ion Ratio Lower Upper
83 100
85 63.2 43.7 81.1





#27

1,2-Dichloroethane

Concen: 0.068 ug/L

RT: 5.043 min Scan# 1

Delta R.T. -0.081 min

Lab File: VV029026.D

Acq: 16 Nov 2022 18:53

Instrument :

MSVOA_V

ClientSampleId :

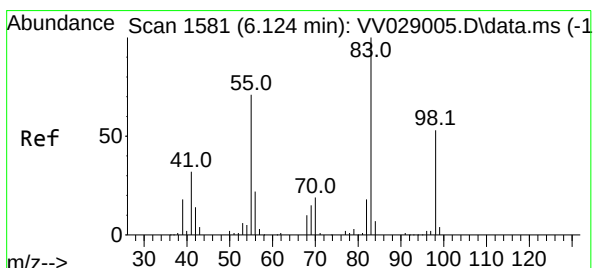
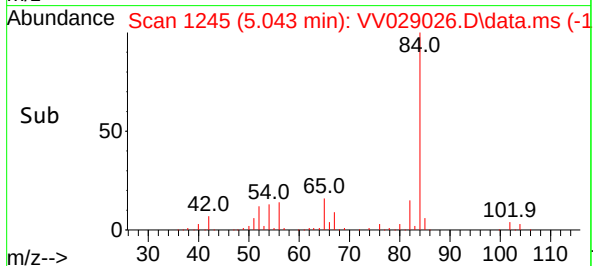
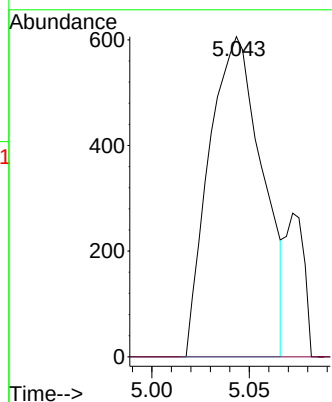
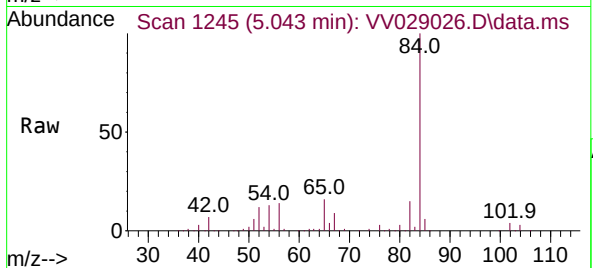
BGCB4

Tgt Ion: 62 Resp: 1146

Ion Ratio Lower Upper

62 100

98 0.0 9.0 13.6#



#35

Methylcyclohexane

Concen: 0.632 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.058 min

Lab File: VV029026.D

Acq: 16 Nov 2022 18:53

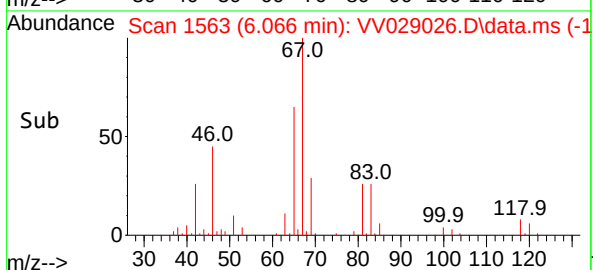
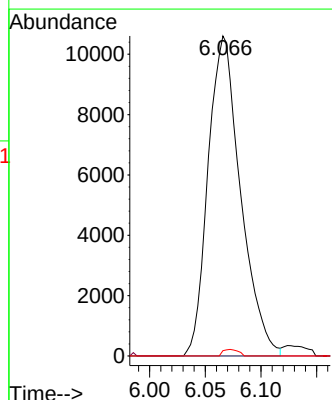
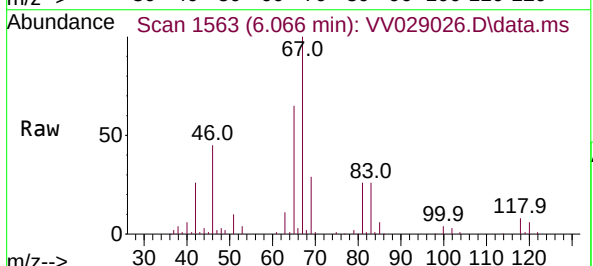
Tgt Ion: 83 Resp: 21557

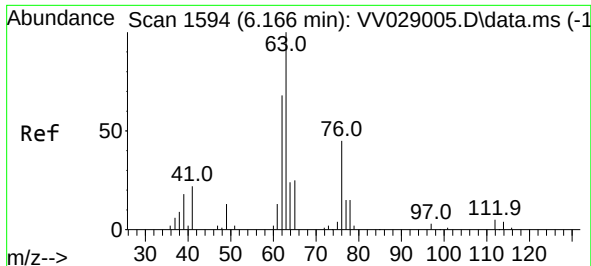
Ion Ratio Lower Upper

83 100

55 0.0 55.8 83.6#

98 1.0 38.2 57.2#





#37

1,2-Dichloropropane

Concen: 0.528 ug/L

RT: 6.069 min Scan# 11

Delta R.T. -0.097 min

Lab File: VV029026.D

Acq: 16 Nov 2022 18:53

Instrument :

MSVOA_V

ClientSampleId :

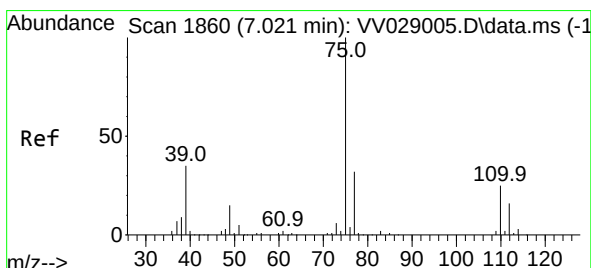
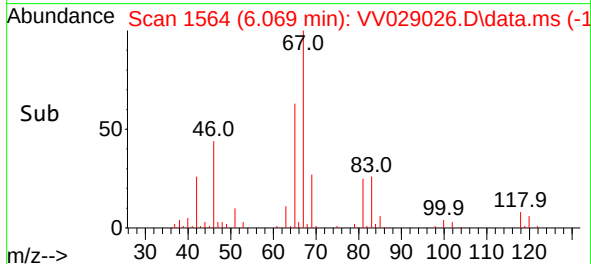
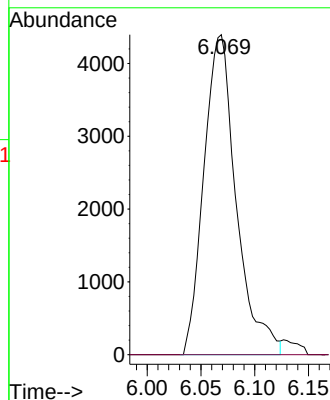
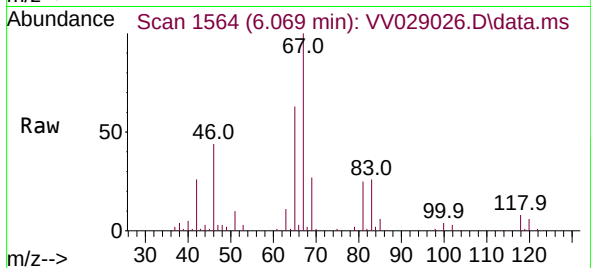
BGCB4

Tgt Ion: 63 Resp: 9224

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#



#39

cis-1,3-Dichloropropene

Concen: 0.066 ug/L

RT: 6.985 min Scan# 1849

Delta R.T. -0.036 min

Lab File: VV029026.D

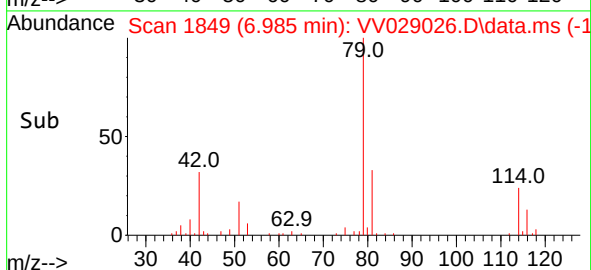
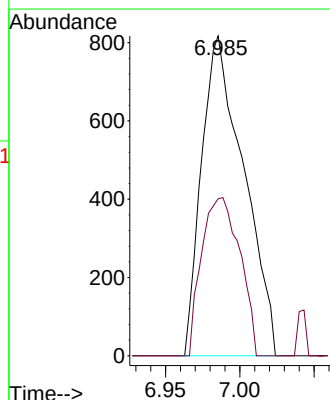
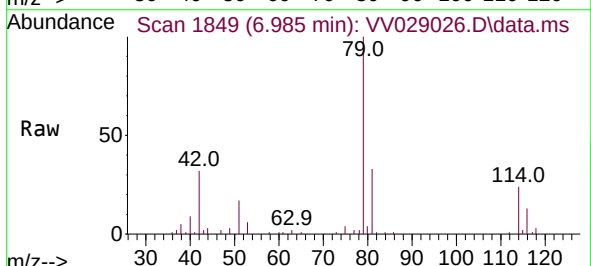
Acq: 16 Nov 2022 18:53

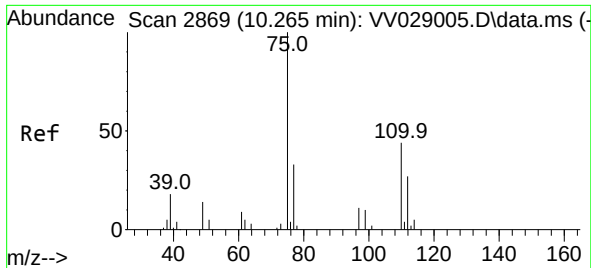
Tgt Ion: 75 Resp: 1606

Ion Ratio Lower Upper

75 100

77 49.1 21.8 40.6#





#61
 1,2,3-Trichloropropane
 Concen: 1.498 ug/L
 RT: 11.239 min Scan# 31
 Delta R.T. 0.974 min
 Lab File: VV029026.D
 Acq: 16 Nov 2022 18:53

Instrument :
 MSVOA_V
 ClientSampleId :
 BGCB4

Tgt Ion: 75 Resp: 11707
 Ion Ratio Lower Upper
 75 100
 77 33.6 26.2 39.2
 110 1.7 32.6 48.8#

