

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111622\
 Data File : VW029025.D
 Acq On : 16 Nov 2022 18:28
 Operator : SY/MD
 Sample : N5620-16
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BGCB3

Quant Time: Nov 17 02:55:27 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)

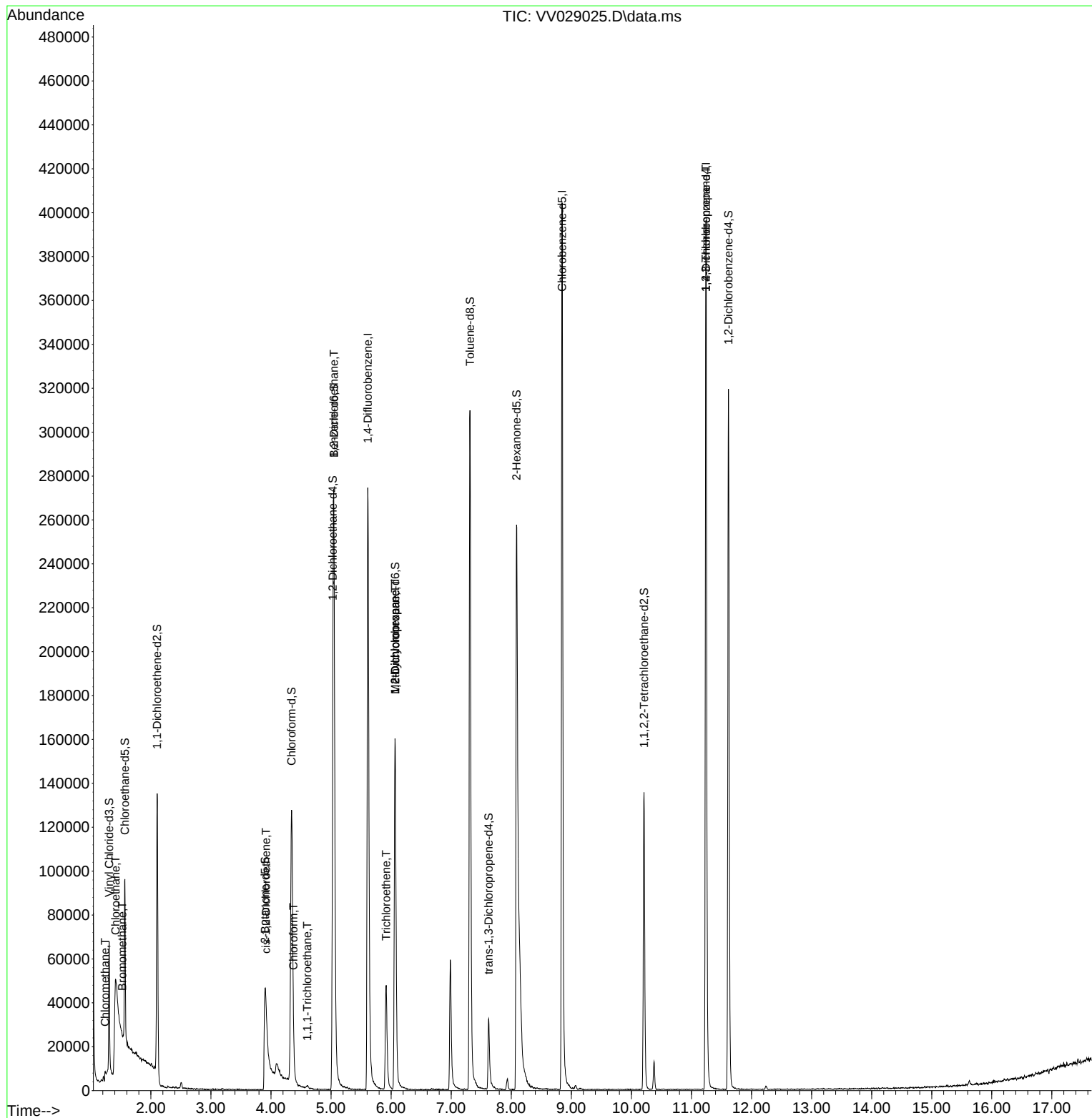
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	264087	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	245533	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	115331	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	41124	2.554	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	51.000%
7) Chloroethane-d5	1.568	69	48908	3.455	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	69.200%
11) 1,1-Dichloroethene-d2	2.104	63	62559	2.132	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	42.600%#
20) 2-Butanone-d5	3.902	46	96994	35.989	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	71.980%
24) Chloroform-d	4.342	84	137951	4.173	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.400%
26) 1,2-Dichloroethane-d4	5.030	65	67418	4.533	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.600%
32) Benzene-d6	5.046	84	267835	3.655	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	73.000%
36) 1,2-Dichloropropane-d6	6.066	67	85533	4.179	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.600%
41) Toluene-d8	7.313	98	228841	3.469	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	69.400%#
43) trans-1,3-Dichloroprop...	7.625	79	22905	3.432	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	68.600%
46) 2-Hexanone-d5	8.088	63	135076	47.411	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.820%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	69970	4.931	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.600%
66) 1,2-Dichlorobenzene-d4	11.615	152	91219	4.421	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.400%
Target Compounds						Qvalue
3) Chloromethane	1.240	50	2438	0.133	ug/L	96
6) Bromomethane	1.523	94	524	0.042	ug/L	85
8) Chloroethane	1.413	64	169949	13.877	ug/L #	53
22) cis-1,2-Dichloroethene	3.915	96	2870	0.152	ug/L	99
25) Chloroform	4.374	83	5622	0.177	ug/L	87
27) 1,2-Dichloroethane	5.046	62	1315	0.080	ug/L #	70
29) 1,1,1-Trichloroethane	4.606	97	1201	0.042	ug/L #	89
34) Trichloroethene	5.918	95	18463	0.961	ug/L	97
35) Methylcyclohexane	6.066	83	20757	0.615	ug/L #	21
37) 1,2-Dichloropropane	6.066	63	9129	0.528	ug/L #	85
61) 1,2,3-Trichloropropane	11.239	75	11730	1.488	ug/L #	64

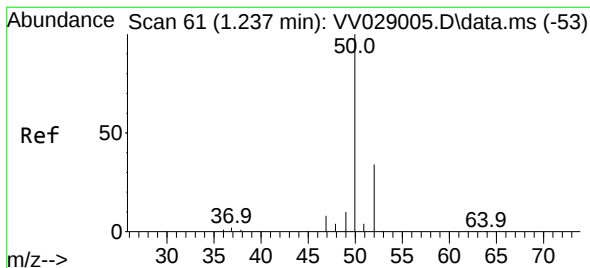
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.133 ug/L

RT: 1.240 min Scan# 61

Delta R.T. 0.003 min

Lab File: VV029025.D

Acq: 16 Nov 2022 18:28

Instrument :

MSVOA_V

ClientSampleId :

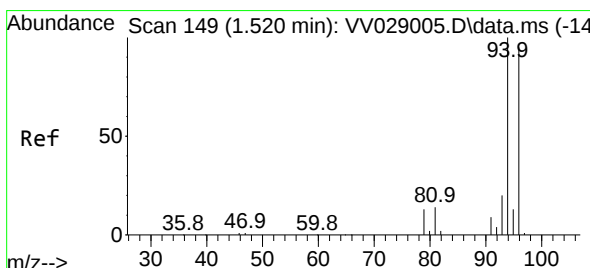
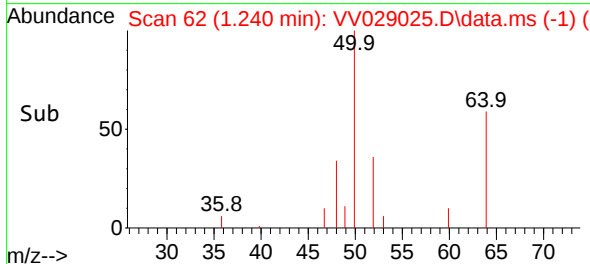
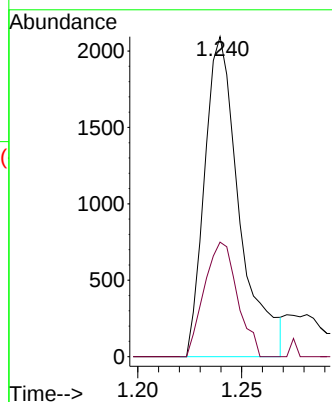
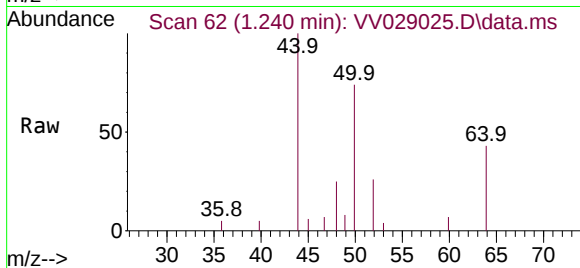
BGCB3

Tgt Ion: 50 Resp: 2438

Ion Ratio Lower Upper

50 100

52 35.8 23.7 43.9



#6

Bromomethane

Concen: 0.042 ug/L

RT: 1.523 min Scan# 150

Delta R.T. 0.003 min

Lab File: VV029025.D

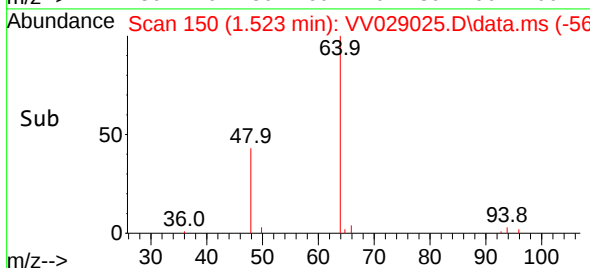
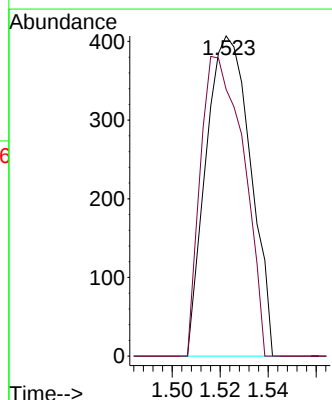
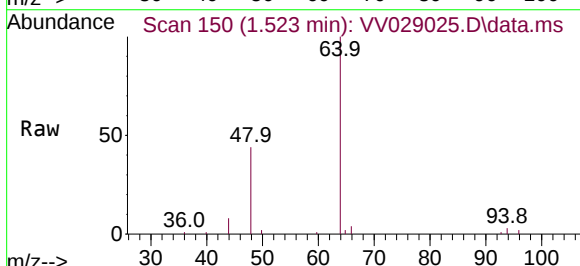
Acq: 16 Nov 2022 18:28

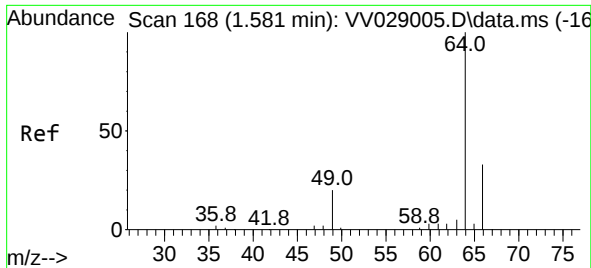
Tgt Ion: 94 Resp: 524

Ion Ratio Lower Upper

94 100

96 83.3 68.5 127.3

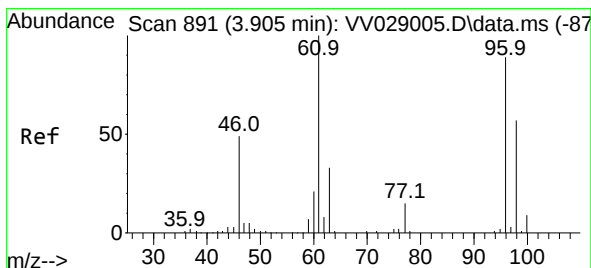
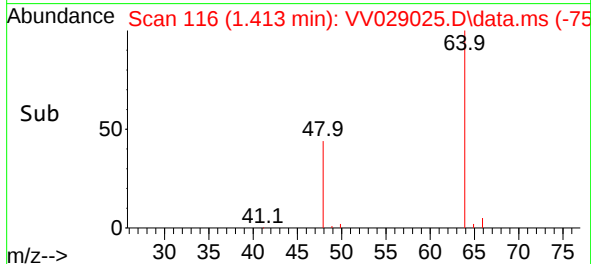
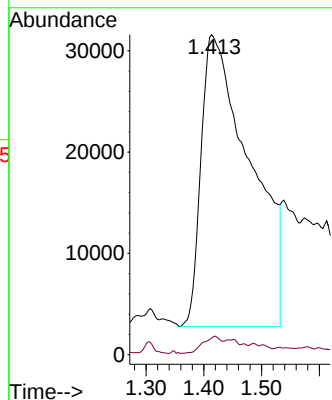
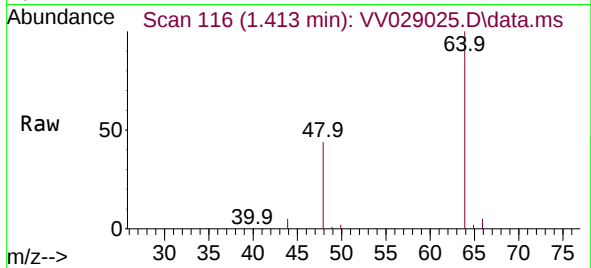




#8
Chloroethane
Concen: 13.877 ug/L
RT: 1.413 min Scan# 116
Delta R.T. -0.167 min
Lab File: VV029025.D
Acq: 16 Nov 2022 18:28

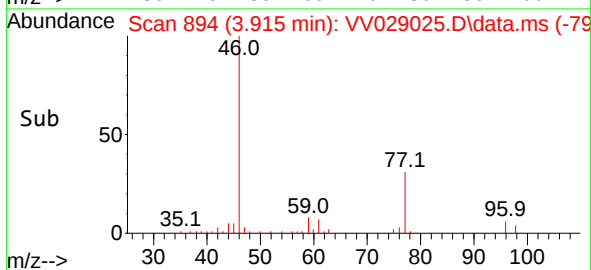
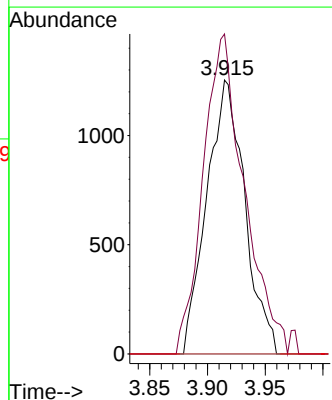
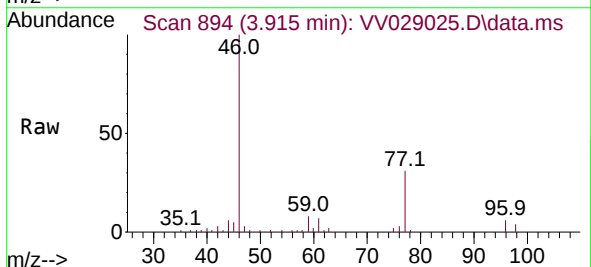
Instrument :
MSVOA_V
ClientSampleId :
BGC3

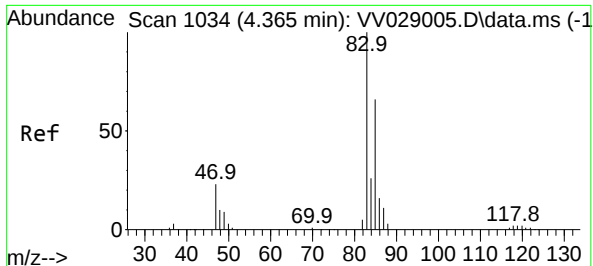
Tgt Ion: 64 Resp: 169949
Ion Ratio Lower Upper
64 100
66 5.2 22.0 40.8#



#22
cis-1,2-Dichloroethene
Concen: 0.152 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.009 min
Lab File: VV029025.D
Acq: 16 Nov 2022 18:28

Tgt Ion: 96 Resp: 2870
Ion Ratio Lower Upper
96 100
61 116.8 82.3 152.9
68 0.0 0.0 0.0





#25

Chloroform

Concen: 0.177 ug/L

RT: 4.374 min Scan# 1

Delta R.T. 0.009 min

Lab File: VV029025.D

Acq: 16 Nov 2022 18:28

Instrument :

MSVOA_V

ClientSampleId :

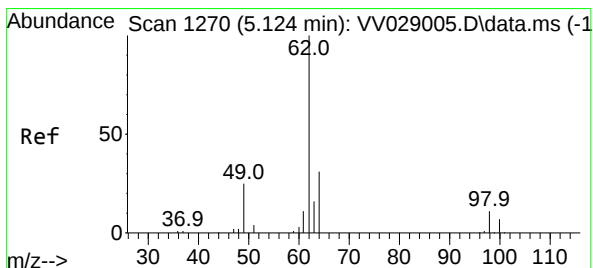
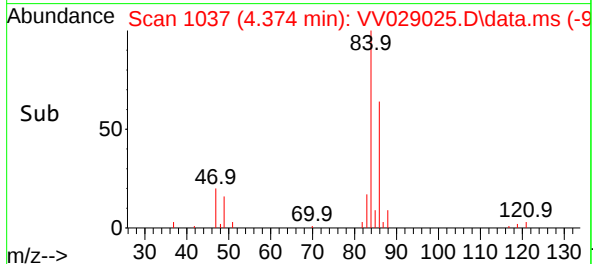
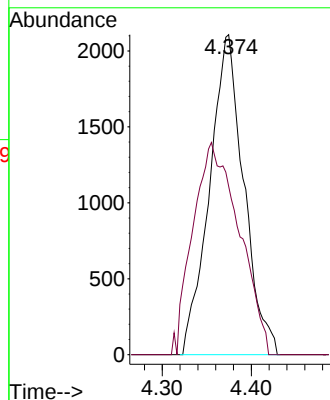
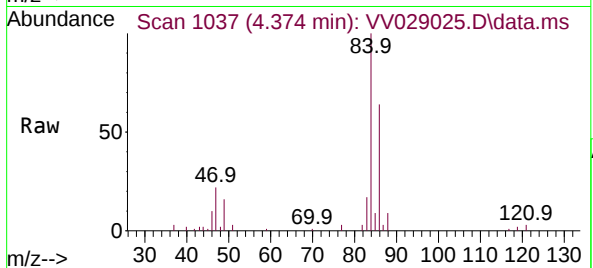
BGCB3

Tgt Ion: 83 Resp: 5622

Ion Ratio Lower Upper

83 100

85 52.6 43.7 81.1



#27

1,2-Dichloroethane

Concen: 0.080 ug/L

RT: 5.046 min Scan# 1246

Delta R.T. -0.077 min

Lab File: VV029025.D

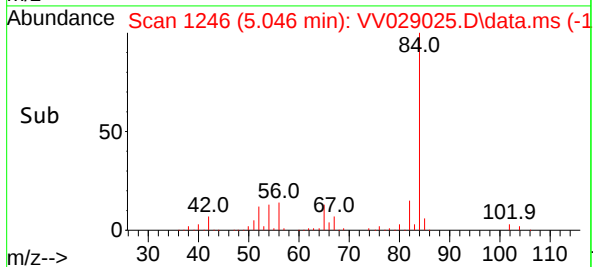
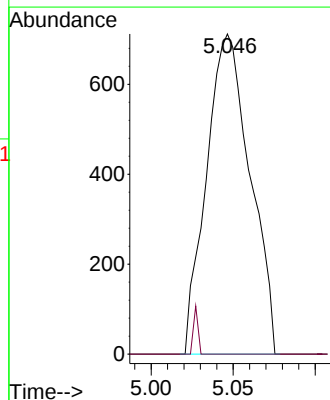
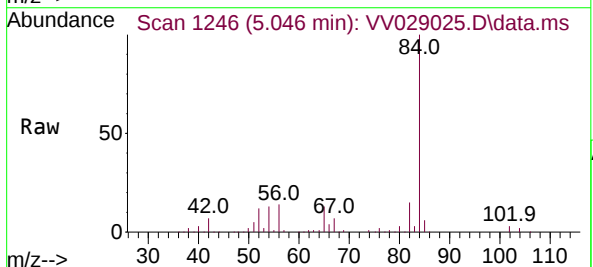
Acq: 16 Nov 2022 18:28

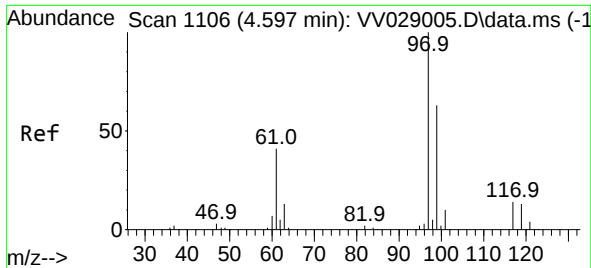
Tgt Ion: 62 Resp: 1315

Ion Ratio Lower Upper

62 100

98 0.0 9.0 13.6#





#29

1,1,1-Trichloroethane

Concen: 0.042 ug/L

RT: 4.606 min Scan# 1109

Delta R.T. 0.009 min

Lab File: VV029025.D

Acq: 16 Nov 2022 18:28

Instrument :

MSVOA_V

ClientSampleId :

BGCB3

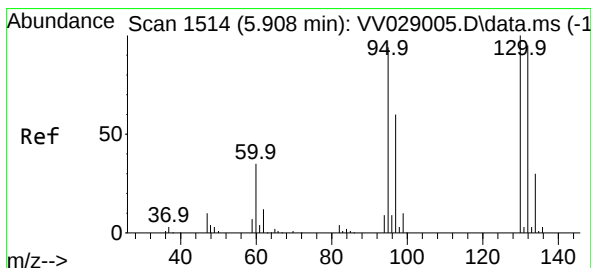
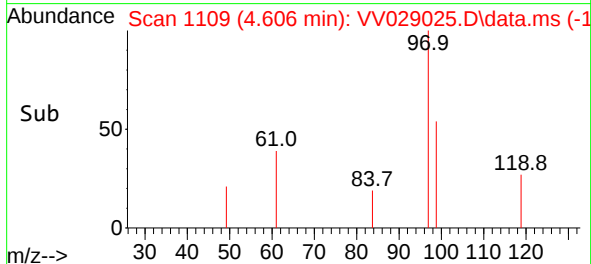
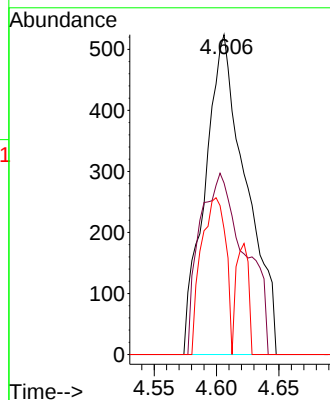
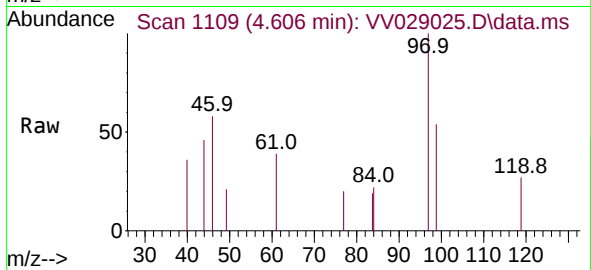
Tgt Ion: 97 Resp: 1201

Ion Ratio Lower Upper

97 100

99 62.2 52.7 79.1

61 29.1 33.8 50.6#



#34

Trichloroethene

Concen: 0.961 ug/L

RT: 5.918 min Scan# 1517

Delta R.T. 0.009 min

Lab File: VV029025.D

Acq: 16 Nov 2022 18:28

Tgt Ion: 95 Resp: 18463

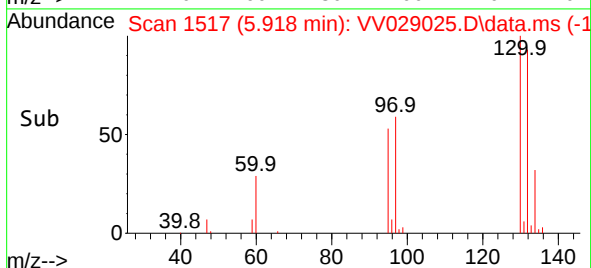
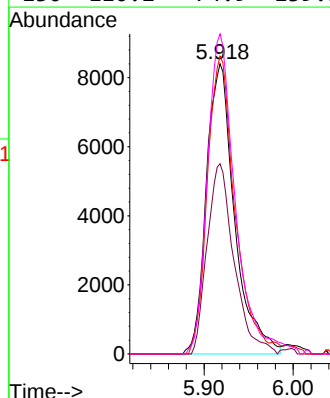
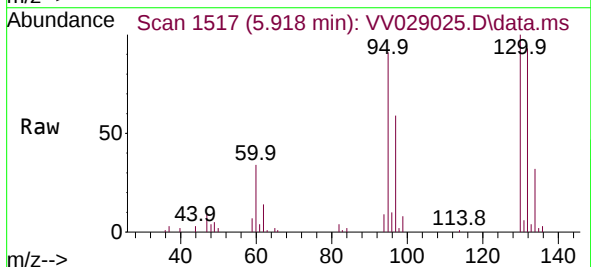
Ion Ratio Lower Upper

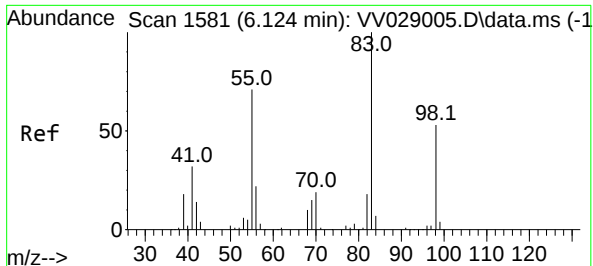
95 100

97 65.6 45.6 84.8

132 102.6 69.1 128.3

130 110.2 74.9 139.1

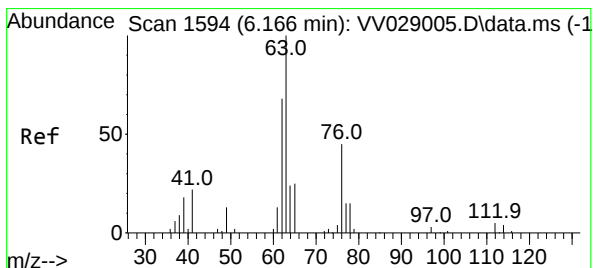
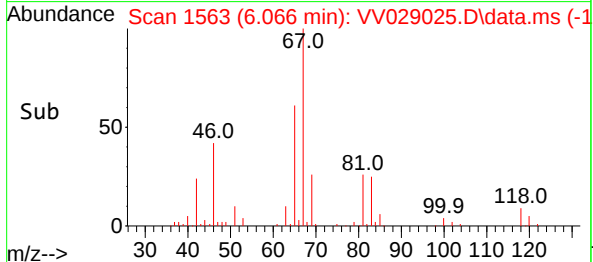
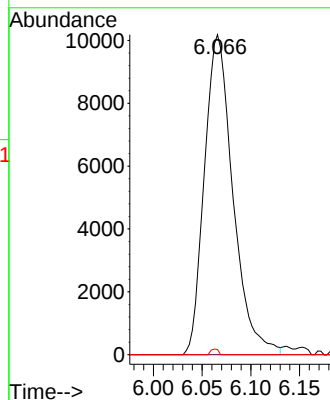
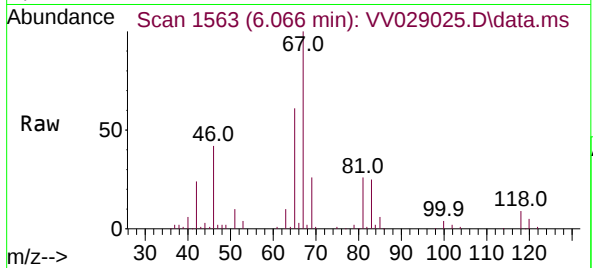




#35
Methylcyclohexane
Concen: 0.615 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.058 min
Lab File: VV029025.D
Acq: 16 Nov 2022 18:28

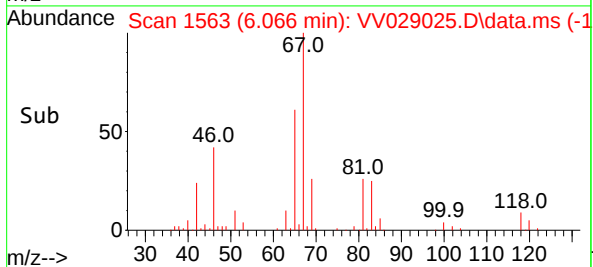
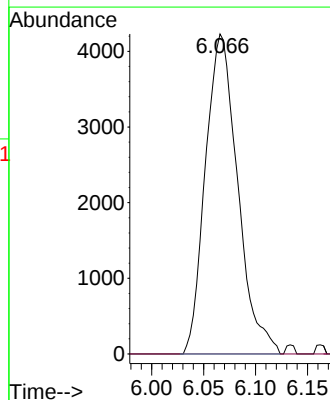
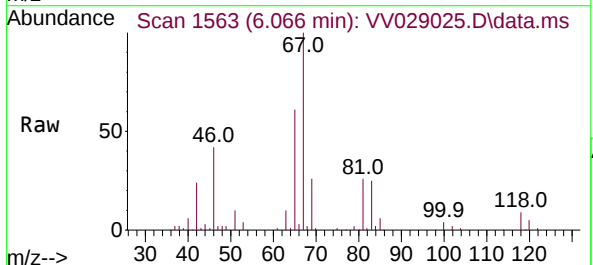
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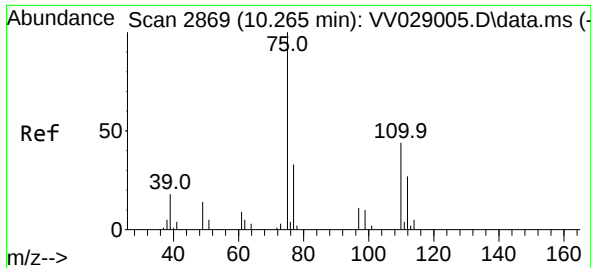
Tgt Ion: 83 Resp: 20757
Ion Ratio Lower Upper
83 100
55 0.0 55.8 83.6#
98 0.5 38.2 57.2#



#37
1,2-Dichloropropane
Concen: 0.528 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.100 min
Lab File: VV029025.D
Acq: 16 Nov 2022 18:28

Tgt Ion: 63 Resp: 9129
Ion Ratio Lower Upper
63 100
112 0.0 4.0 6.0#





#61
 1,2,3-Trichloropropane
 Concen: 1.488 ug/L
 RT: 11.239 min Scan# 31
 Delta R.T. 0.974 min
 Lab File: VV029025.D
 Acq: 16 Nov 2022 18:28

Instrument :
 MSVOA_V
 ClientSampleId :
 BGCB3

Tgt Ion: 75 Resp: 11730
 Ion Ratio Lower Upper
 75 100
 77 31.2 26.2 39.2
 110 1.9 32.6 48.8#

