

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111722\
 Data File : VW029084.D
 Acq On : 17 Nov 2022 23:45
 Operator : SY/MD
 Sample : N5687-06
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BGCC9

Quant Time: Nov 18 06:00:54 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

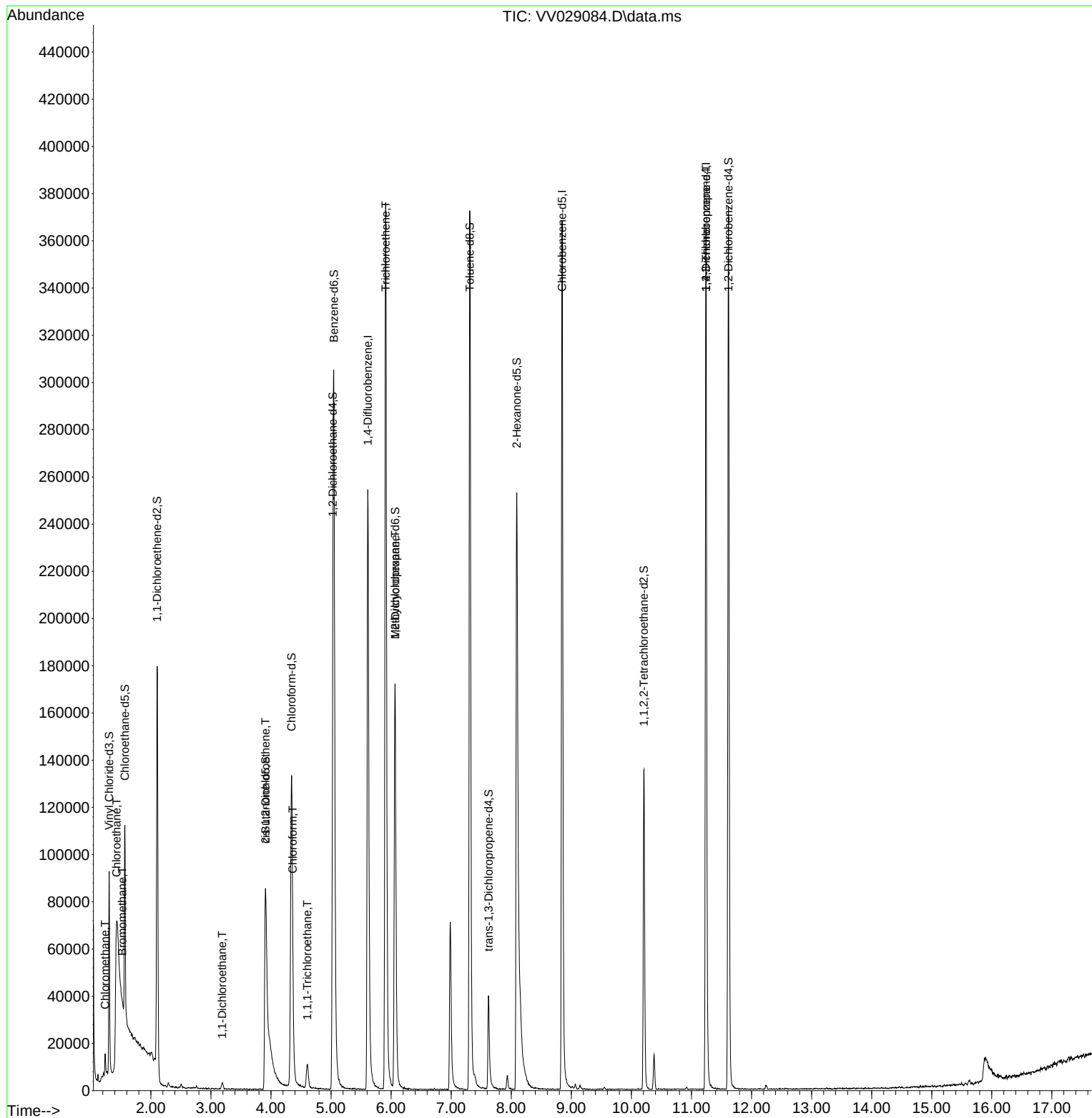
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	244758	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	229334	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	106351	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	58891	3.947	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	79.000%	
7) Chloroethane-d5	1.568	69	52910	4.033	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	80.600%	
11) 1,1-Dichloroethene-d2	2.105	63	81985	3.015	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	60.200%	
20) 2-Butanone-d5	3.908	46	128405	51.407	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	102.820%	
24) Chloroform-d	4.342	84	145917	4.763	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	95.200%	
26) 1,2-Dichloroethane-d4	5.031	65	69911	5.072	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	101.400%	
32) Benzene-d6	5.047	84	304323	4.446	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	89.000%	
36) 1,2-Dichloropropane-d6	6.066	67	90219	4.720	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	94.400%	
41) Toluene-d8	7.310	98	274653	4.457	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	89.200%	
43) trans-1,3-Dichloroprop...	7.622	79	26620	4.270	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	85.400%	
46) 2-Hexanone-d5	8.092	63	121033	45.483	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	90.960%	
56) 1,1,2,2-Tetrachloroeth...	10.207	84	68279	5.152	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	103.000%	
66) 1,2-Dichlorobenzene-d4	11.615	152	108225	5.688	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	113.800%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	6007	0.355	ug/L	100
6) Bromomethane	1.523	94	683	0.059	ug/L	98
8) Chloroethane	1.429	64	224986	19.822	ug/L #	53
19) 1,1-Dichloroethane	3.185	63	3238	0.115	ug/L	94
22) cis-1,2-Dichloroethene	3.908	96	30994	1.774	ug/L	99
25) Chloroform	4.362	83	2597	0.088	ug/L #	54
29) 1,1,1-Trichloroethane	4.606	97	8399	0.312	ug/L	97
34) Trichloroethene	5.908	95	137782	7.680	ug/L	97
35) Methylcyclohexane	6.066	83	23543	0.747	ug/L #	21
61) 1,2,3-Trichloropropane	11.243	75	10374	1.427	ug/L #	65

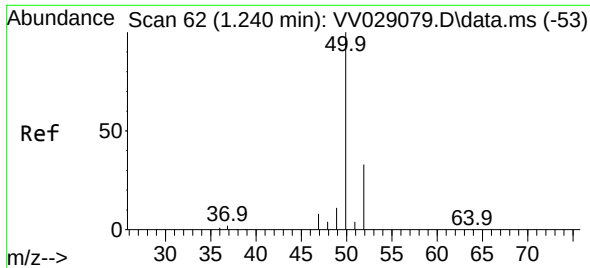
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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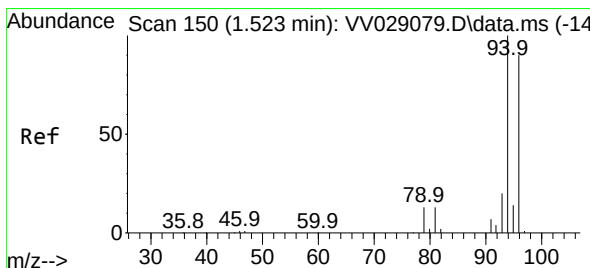
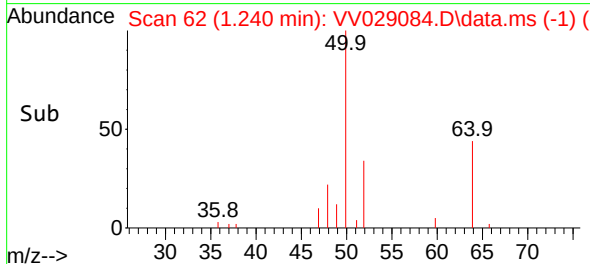
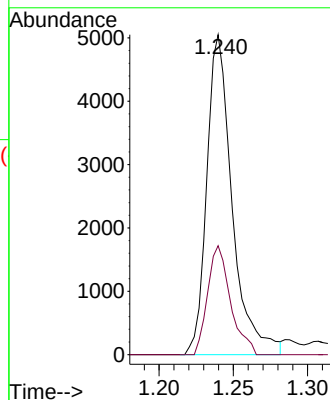
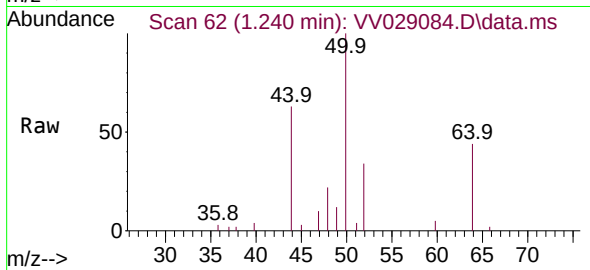




#3
Chloromethane
Concen: 0.355 ug/L
RT: 1.240 min Scan# 61
Delta R.T. -0.000 min
Lab File: VV029084.D
Acq: 17 Nov 2022 23:45

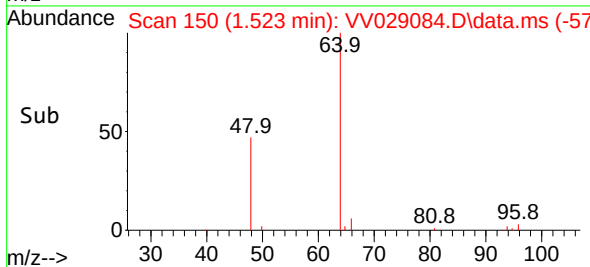
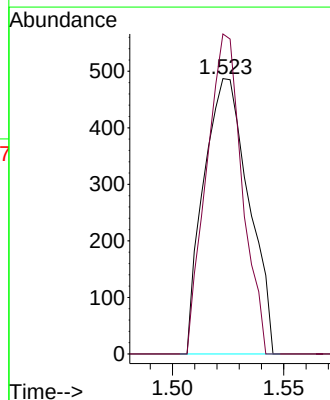
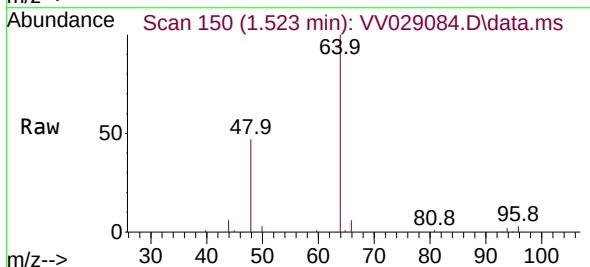
Instrument :
MSVOA_V
ClientSampleId :
BGCC9

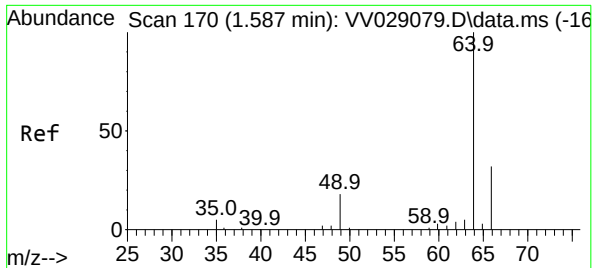
Tgt Ion: 50 Resp: 6007
Ion Ratio Lower Upper
50 100
52 34.1 23.7 43.9



#6
Bromomethane
Concen: 0.059 ug/L
RT: 1.523 min Scan# 150
Delta R.T. -0.000 min
Lab File: VV029084.D
Acq: 17 Nov 2022 23:45

Tgt Ion: 94 Resp: 683
Ion Ratio Lower Upper
94 100
96 95.4 68.5 127.3

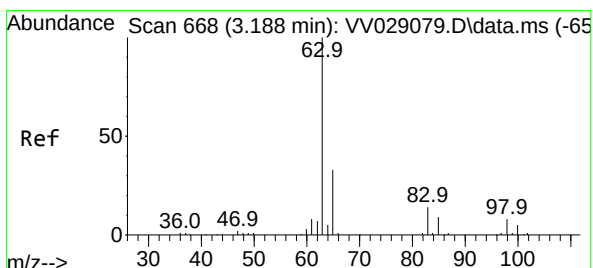
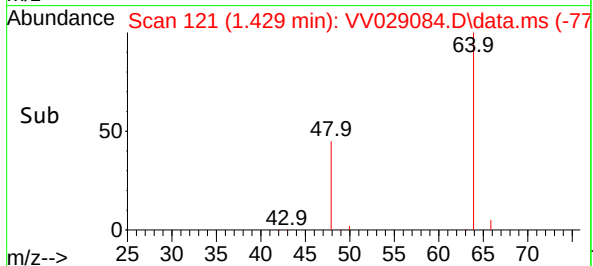
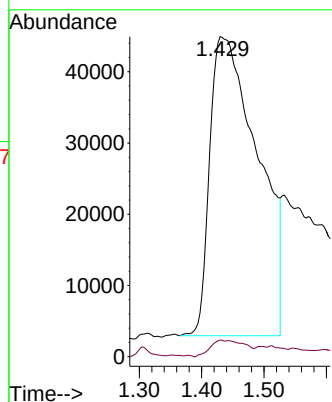
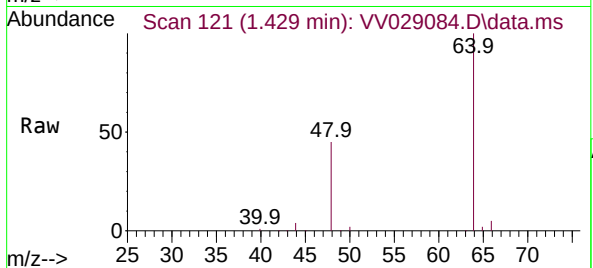




#8
Chloroethane
Concen: 19.822 ug/L
RT: 1.429 min Scan# 11
Delta R.T. -0.158 min
Lab File: VV029084.D
Acq: 17 Nov 2022 23:45

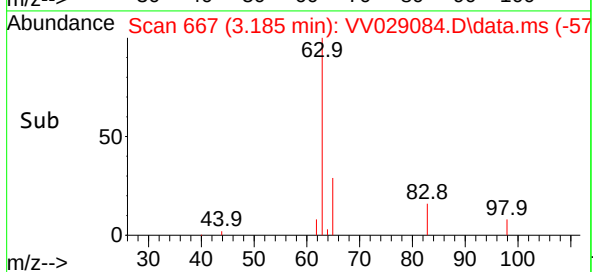
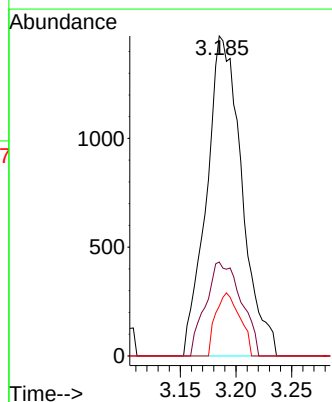
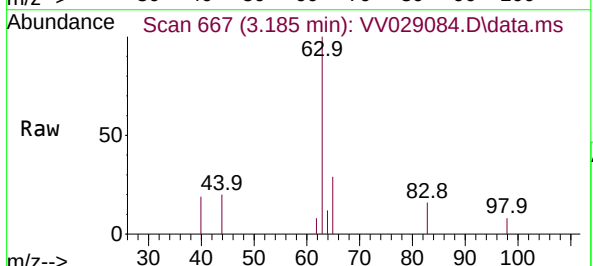
Instrument :
MSVOA_V
ClientSampleId :
BGCC9

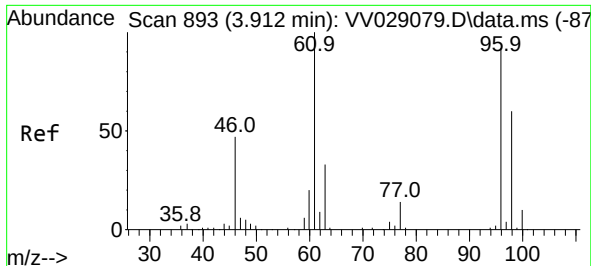
Tgt Ion: 64 Resp: 224986
Ion Ratio Lower Upper
64 100
66 5.2 22.0 40.8#



#19
1,1-Dichloroethane
Concen: 0.115 ug/L
RT: 3.185 min Scan# 667
Delta R.T. -0.003 min
Lab File: VV029084.D
Acq: 17 Nov 2022 23:45

Tgt Ion: 63 Resp: 3238
Ion Ratio Lower Upper
63 100
65 29.4 23.0 42.6
83 15.6 9.4 17.6





#22

cis-1,2-Dichloroethene

Concen: 1.774 ug/L

RT: 3.908 min Scan# 89

Delta R.T. -0.003 min

Lab File: VV029084.D

Acq: 17 Nov 2022 23:45

Instrument :

MSVOA_V

ClientSampleId :

BGCC9

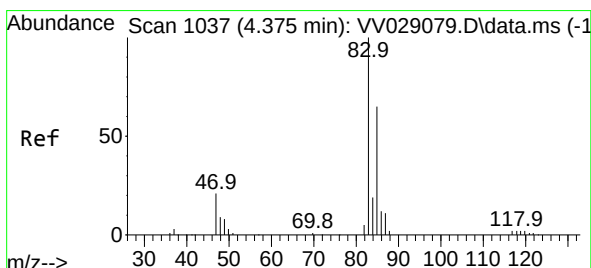
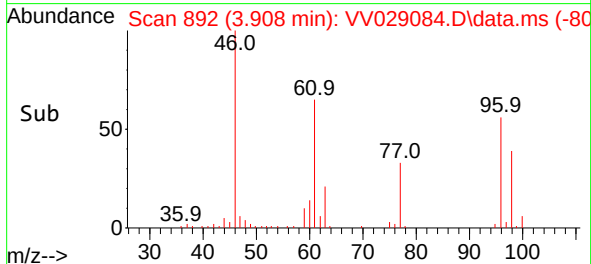
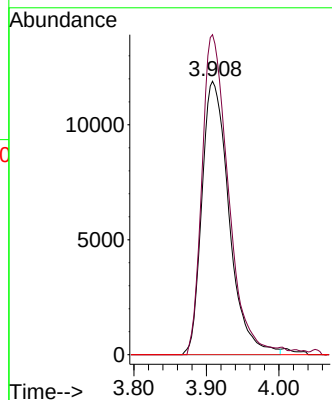
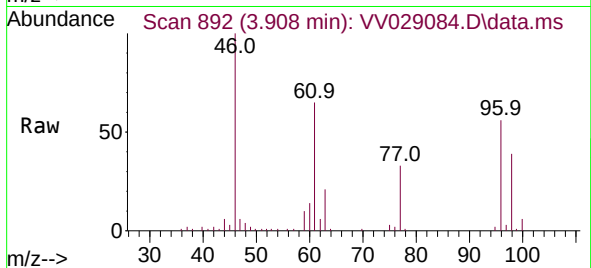
Tgt Ion: 96 Resp: 30994

Ion Ratio Lower Upper

96 100

61 117.0 82.3 152.9

68 0.0 0.0 0.0



#25

Chloroform

Concen: 0.088 ug/L

RT: 4.362 min Scan# 1033

Delta R.T. -0.013 min

Lab File: VV029084.D

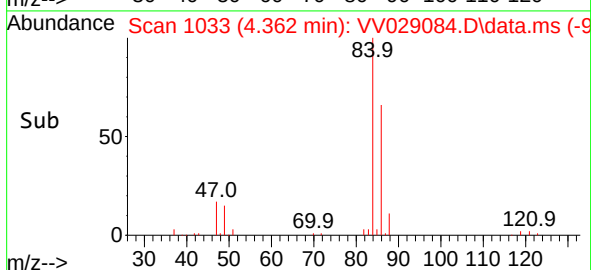
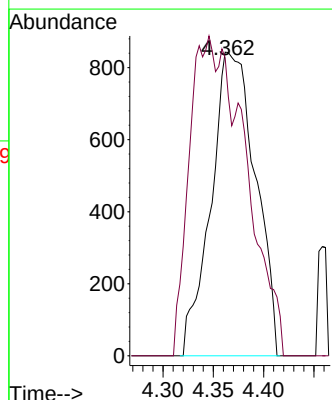
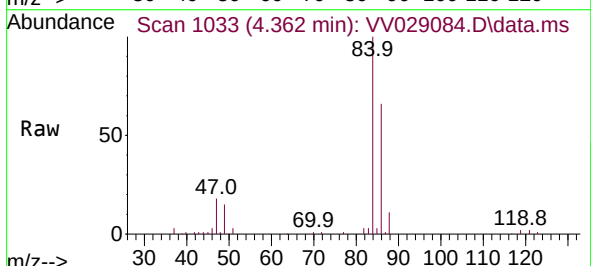
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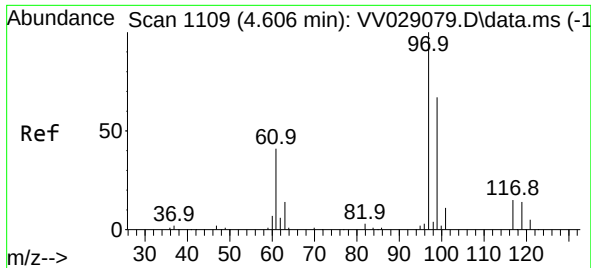
Tgt Ion: 83 Resp: 2597

Ion Ratio Lower Upper

83 100

85 98.1 43.7 81.1#





#29

1,1,1-Trichloroethane

Concen: 0.312 ug/L

RT: 4.606 min Scan# 1109

Delta R.T. -0.000 min

Lab File: VV029084.D

Acq: 17 Nov 2022 23:45

Instrument :

MSVOA_V

ClientSampleId :

BGCC9

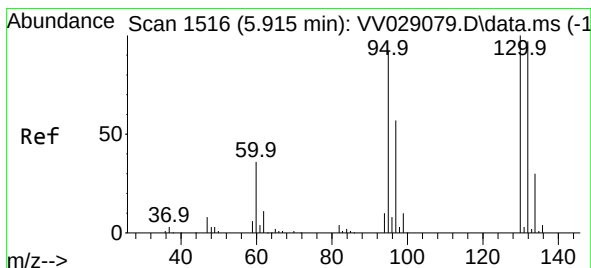
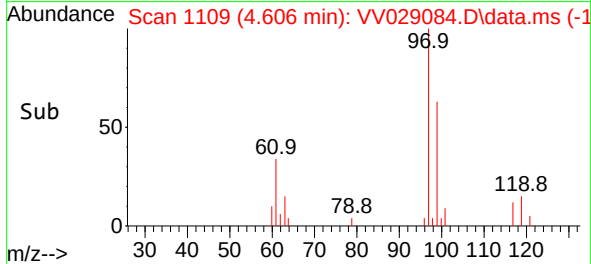
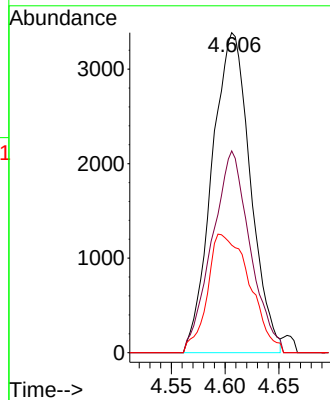
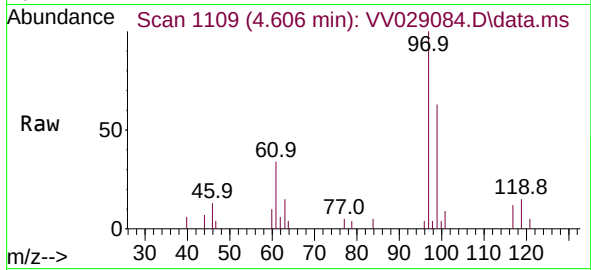
Tgt Ion: 97 Resp: 8399

Ion Ratio Lower Upper

97 100

99 62.6 52.7 79.1

61 40.8 33.8 50.6



#34

Trichloroethene

Concen: 7.680 ug/L

RT: 5.908 min Scan# 1514

Delta R.T. -0.006 min

Lab File: VV029084.D

Acq: 17 Nov 2022 23:45

Tgt Ion: 95 Resp: 137782

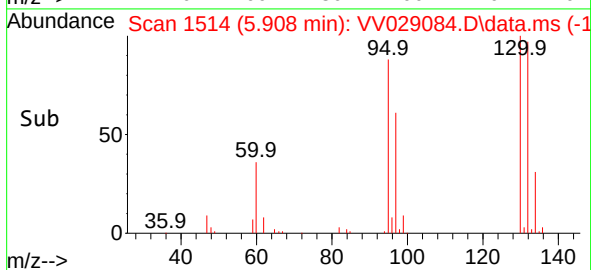
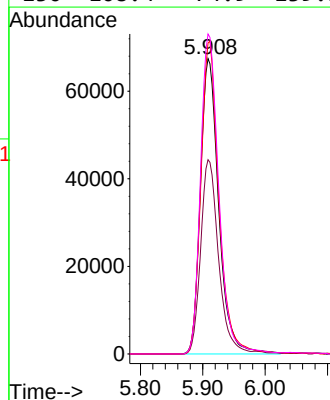
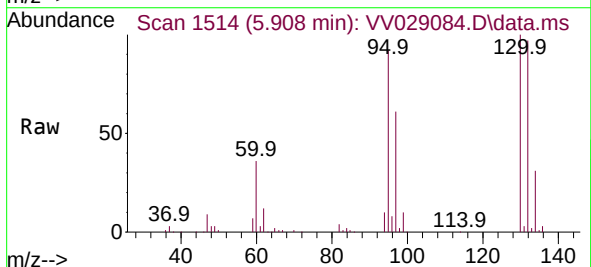
Ion Ratio Lower Upper

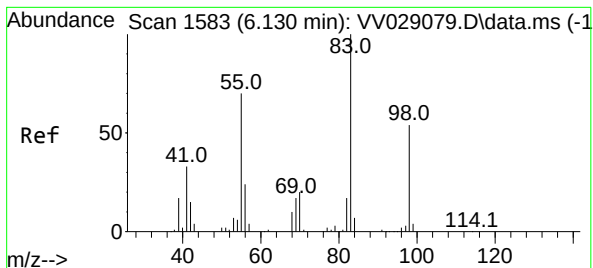
95 100

97 65.8 45.6 84.8

132 105.3 69.1 128.3

130 108.4 74.9 139.1





#35

Methylcyclohexane

Concen: 0.747 ug/L

RT: 6.066 min Scan# 1

Delta R.T. -0.064 min

Lab File: VV029084.D

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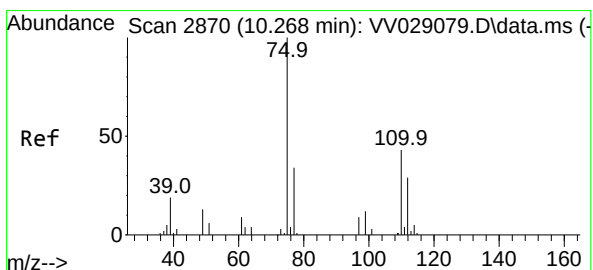
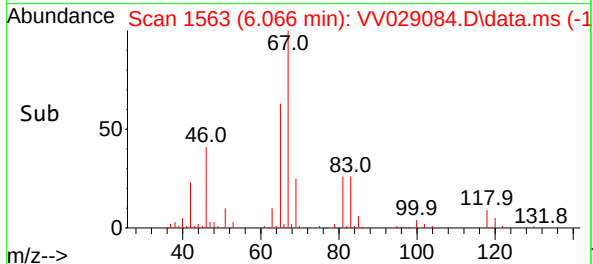
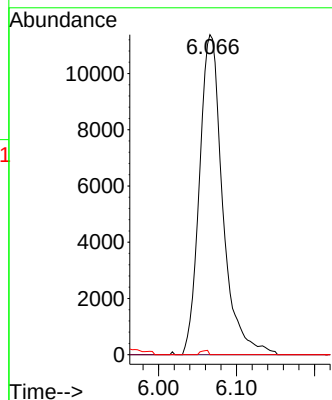
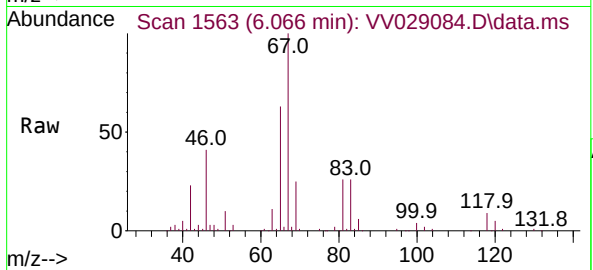
Tgt Ion: 83 Resp: 23543

Ion Ratio Lower Upper

83 100

55 0.0 55.8 83.6#

98 0.4 38.2 57.2#



#61

1,2,3-Trichloropropane

Concen: 1.427 ug/L

RT: 11.243 min Scan# 3173

Delta R.T. 0.974 min

Lab File: VV029084.D

Acq: 17 Nov 2022 23:45

Tgt Ion: 75 Resp: 10374

Ion Ratio Lower Upper

75 100

77 33.1 26.2 39.2

110 1.4 32.6 48.8#

