

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111922\
 Data File : VW029168.D
 Acq On : 19 Nov 2022 14:08
 Operator : SY/MD
 Sample : N5687-03DL 5X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BGCC6DL

Quant Time: Nov 20 00:57:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sun Nov 20 00:53:03 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

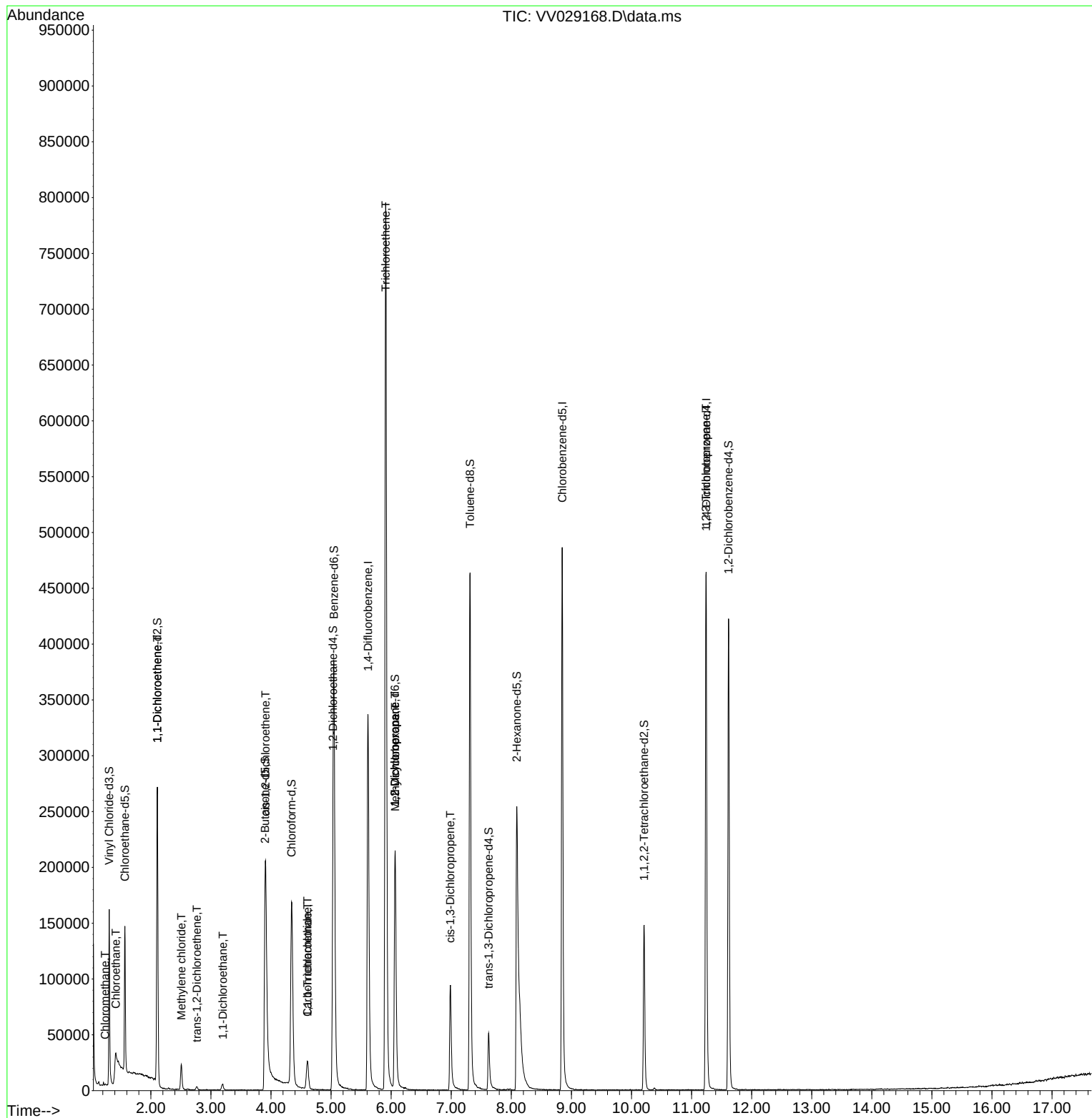
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	316758	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	293448	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	134297	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	108771	5.633	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	112.600%	
7) Chloroethane-d5	1.568	69	86552	5.098	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	102.000%	
11) 1,1-Dichloroethene-d2	2.108	63	135564	3.852	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	77.000%	
20) 2-Butanone-d5	3.899	46	114801	35.514	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	71.020%	
24) Chloroform-d	4.343	84	182166	4.595	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	91.800%	
26) 1,2-Dichloroethane-d4	5.031	65	81316	4.558	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	91.200%	
32) Benzene-d6	5.047	84	379810	4.336	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	86.800%	
36) 1,2-Dichloropropane-d6	6.066	67	114769	4.692	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	93.800%	
41) Toluene-d8	7.313	98	339235	4.302	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	86.000%	
43) trans-1,3-Dichloroprop...	7.622	79	35285	4.423	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	88.400%	
46) 2-Hexanone-d5	8.092	63	146657	43.071	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	86.140%	
56) 1,1,2,2-Tetrachloroeth...	10.210	84	78519	4.630	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	92.600%	
66) 1,2-Dichlorobenzene-d4	11.616	152	116811	4.862	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	97.200%	
Target Compounds						Qvalue
3) Chloromethane	1.240	50	1003	0.046	ug/L	89
8) Chloroethane	1.417	64	57561	3.919	ug/L #	51
12) 1,1-Dichloroethene	2.108	96	1984	0.103	ug/L #	1
16) Methylene chloride	2.507	84	9737	0.393	ug/L	94
18) trans-1,2-Dichloroethene	2.764	96	1445	0.065	ug/L	79
19) 1,1-Dichloroethane	3.198	63	5860	0.161	ug/L	95
22) cis-1,2-Dichloroethene	3.908	96	97412	4.308	ug/L	98
29) 1,1,1-Trichloroethane	4.606	97	21101	0.613	ug/L	96
31) Carbon tetrachloride	4.606	117	2770	0.093	ug/L	99
34) Trichloroethene	5.908	95	288640	12.573	ug/L	98
35) Methylcyclohexane	6.069	83	27401	0.679	ug/L #	22
37) 1,2-Dichloropropane	6.066	63	12260	0.593	ug/L #	85
39) cis-1,3-Dichloropropene	6.982	75	2327	0.081	ug/L #	60
61) 1,2,3-Trichloropropane	11.239	75	14734	1.605	ug/L #	65

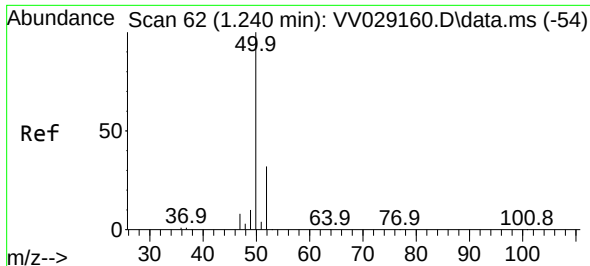
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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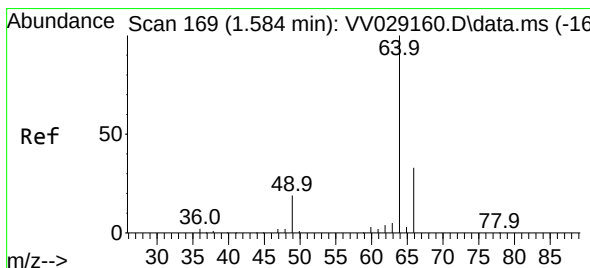
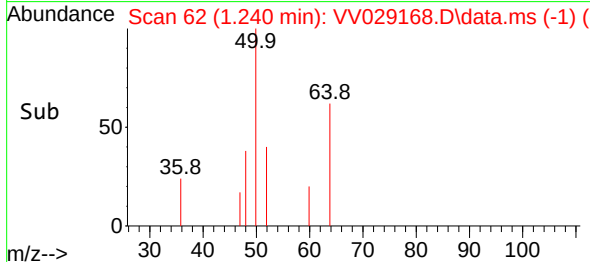
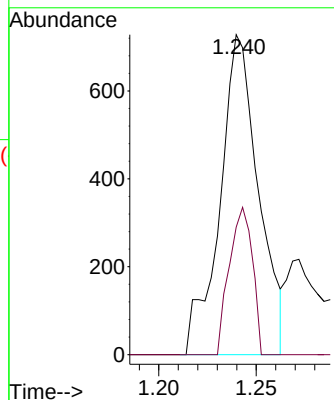
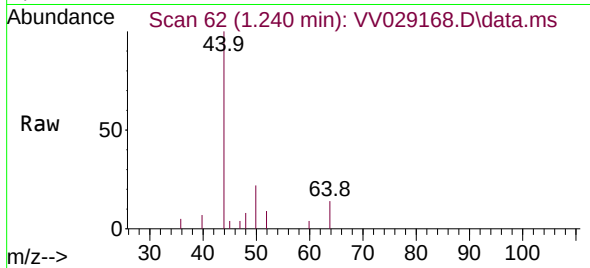




#3
Chloromethane
Concen: 0.046 ug/L
RT: 1.240 min Scan# 61
Delta R.T. -0.000 min
Lab File: VV029168.D
Acq: 19 Nov 2022 14:08

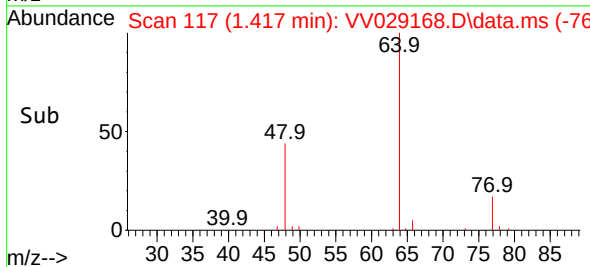
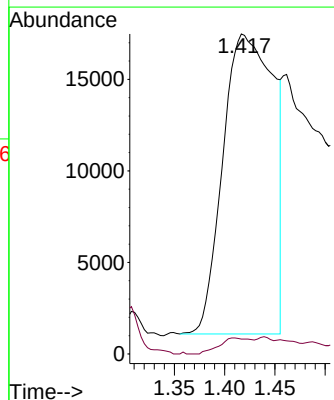
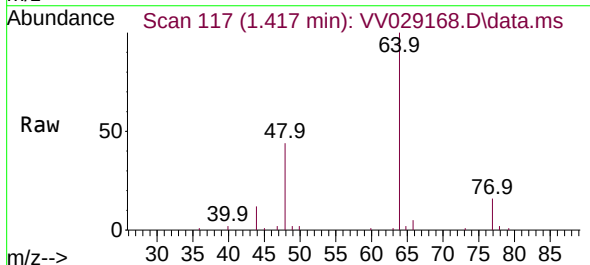
Instrument :
MSVOA_V
ClientSampleId :
BGCC6DL

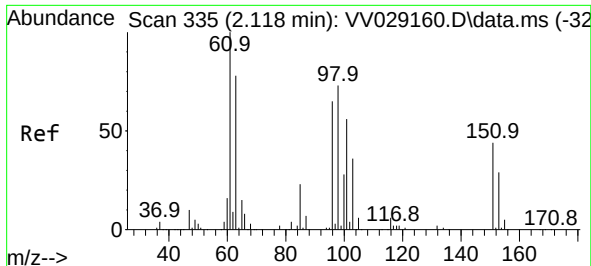
Tgt Ion: 50 Resp: 1003
Ion Ratio Lower Upper
50 100
52 39.8 23.7 43.9



#8
Chloroethane
Concen: 3.919 ug/L
RT: 1.417 min Scan# 117
Delta R.T. -0.167 min
Lab File: VV029168.D
Acq: 19 Nov 2022 14:08

Tgt Ion: 64 Resp: 57561
Ion Ratio Lower Upper
64 100
66 4.6 22.0 40.8#

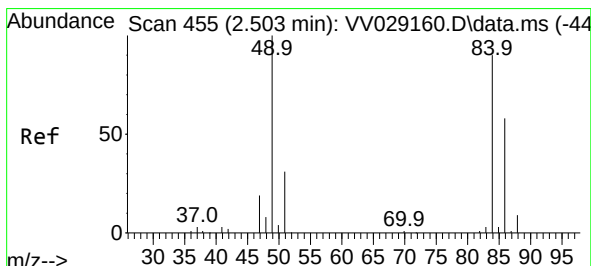
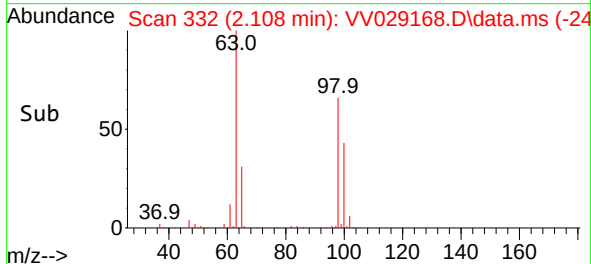
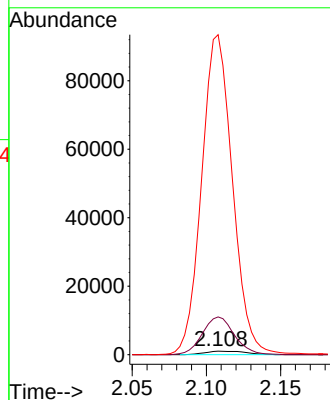
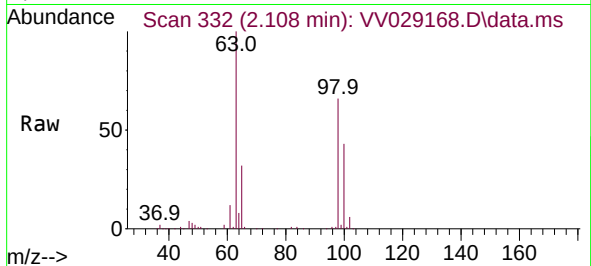




#12
1,1-Dichloroethene
Concen: 0.103 ug/L
RT: 2.108 min Scan# 31
Delta R.T. -0.010 min
Lab File: VV029168.D
Acq: 19 Nov 2022 14:08

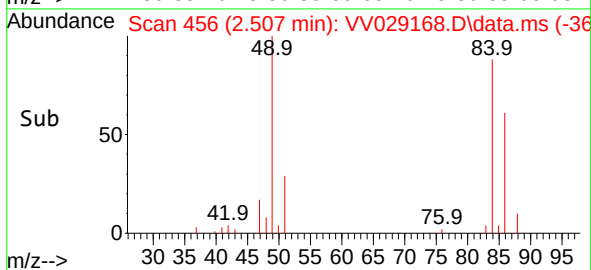
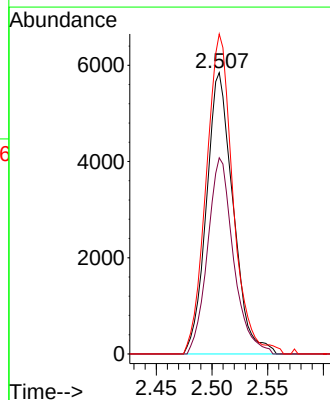
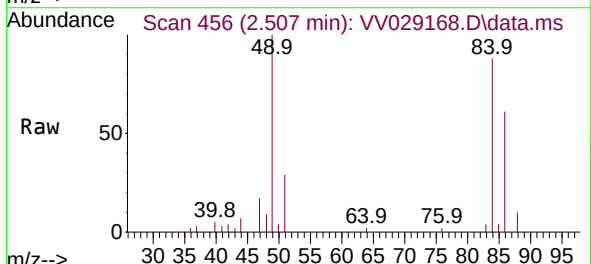
Instrument :
MSVOA_V
ClientSampleId :
BGCC6DL

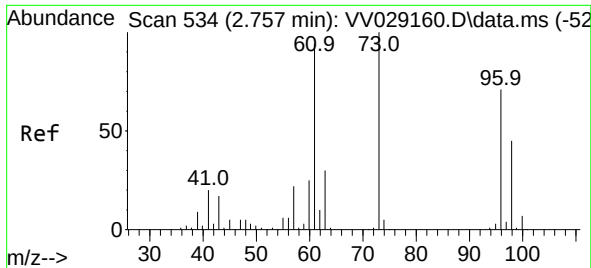
Tgt Ion: 96 Resp: 1984
Ion Ratio Lower Upper
96 100
61 1056.3 104.2 193.4#
63 8960.3 75.9 140.9#



#16
Methylene chloride
Concen: 0.393 ug/L
RT: 2.507 min Scan# 456
Delta R.T. 0.003 min
Lab File: VV029168.D
Acq: 19 Nov 2022 14:08

Tgt Ion: 84 Resp: 9737
Ion Ratio Lower Upper
84 100
86 69.7 45.8 85.0
49 113.8 75.5 140.1

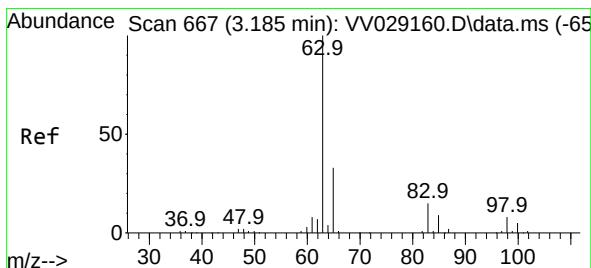
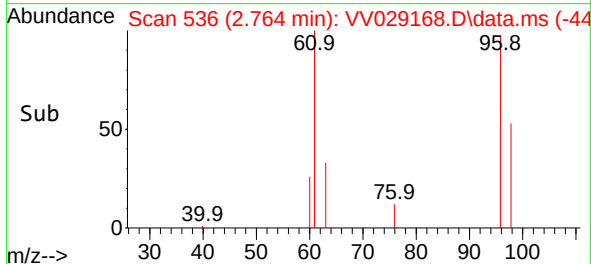
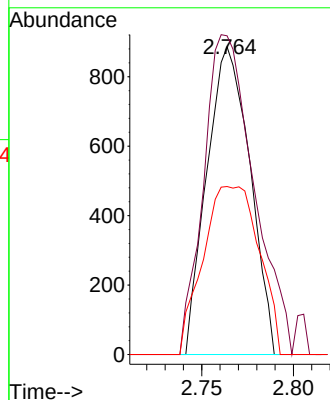
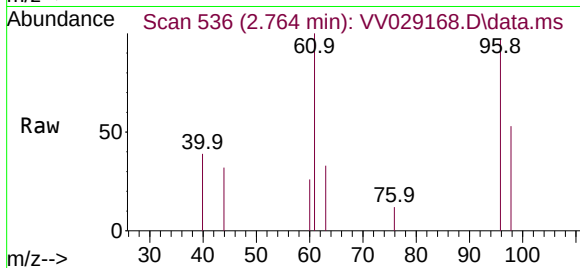




#18
trans-1,2-Dichloroethene
Concen: 0.065 ug/L
RT: 2.764 min Scan# 51
Delta R.T. 0.006 min
Lab File: VV029168.D
Acq: 19 Nov 2022 14:08

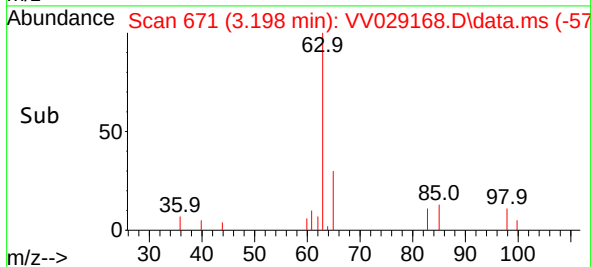
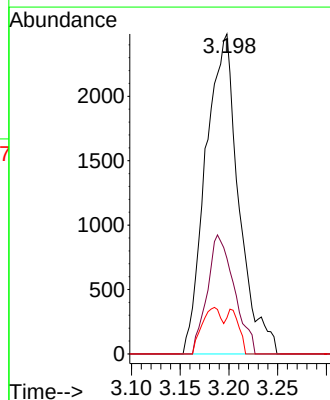
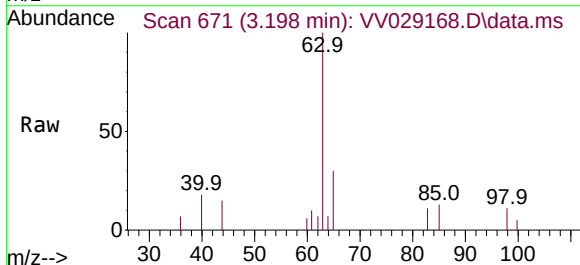
Instrument :
MSVOA_V
ClientSampleId :
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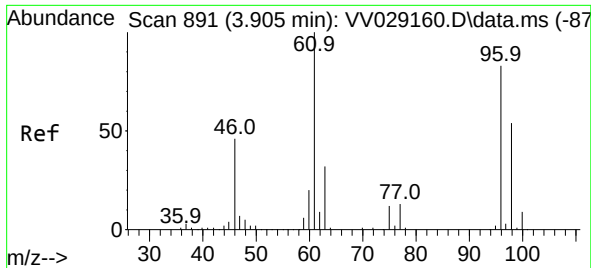
Tgt Ion: 96 Resp: 1445
Ion Ratio Lower Upper
96 100
61 103.6 91.8 170.6
98 54.6 46.4 86.2



#19
1,1-Dichloroethane
Concen: 0.161 ug/L
RT: 3.198 min Scan# 671
Delta R.T. 0.013 min
Lab File: VV029168.D
Acq: 19 Nov 2022 14:08

Tgt Ion: 63 Resp: 5860
Ion Ratio Lower Upper
63 100
65 29.9 23.0 42.6
83 11.3 9.4 17.6





#22

cis-1,2-Dichloroethene

Concen: 4.308 ug/L

RT: 3.908 min Scan# 891

Delta R.T. 0.003 min

Lab File: VV029168.D

Acq: 19 Nov 2022 14:08

Instrument :

MSVOA_V

ClientSampleId :

BGCC6DL

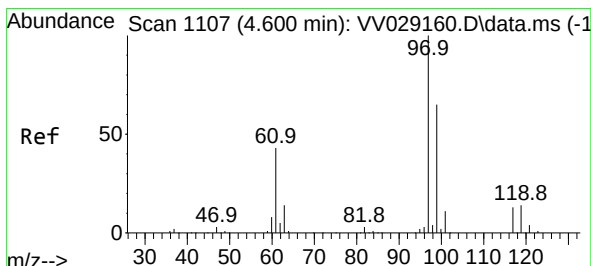
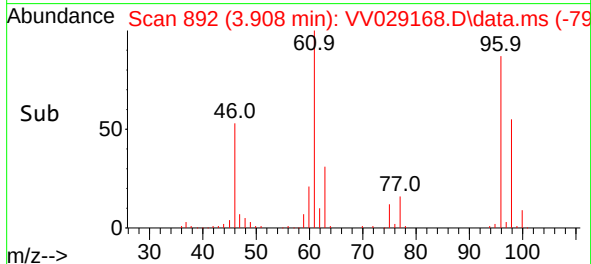
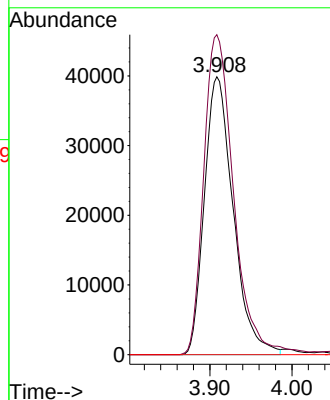
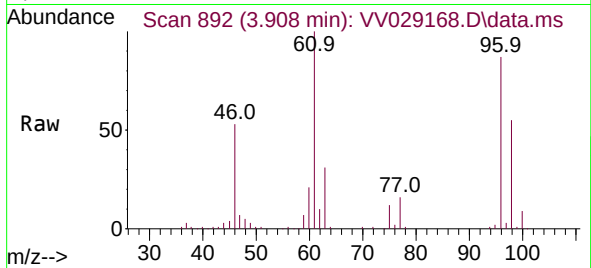
Tgt Ion: 96 Resp: 97412

Ion Ratio Lower Upper

96 100

61 115.1 82.3 152.9

68 0.0 0.0 0.0



#29

1,1,1-Trichloroethane

Concen: 0.613 ug/L

RT: 4.606 min Scan# 1109

Delta R.T. 0.006 min

Lab File: VV029168.D

Acq: 19 Nov 2022 14:08

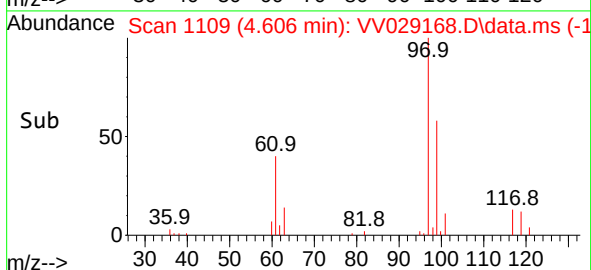
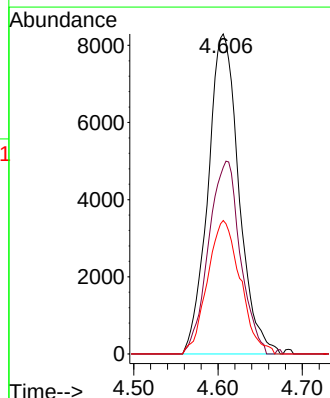
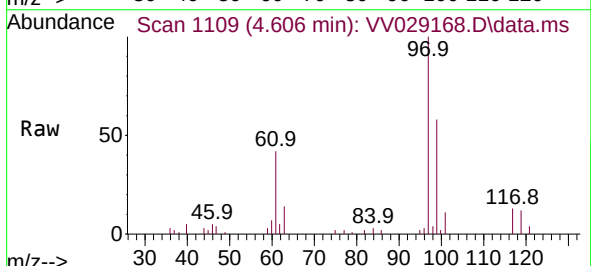
Tgt Ion: 97 Resp: 21101

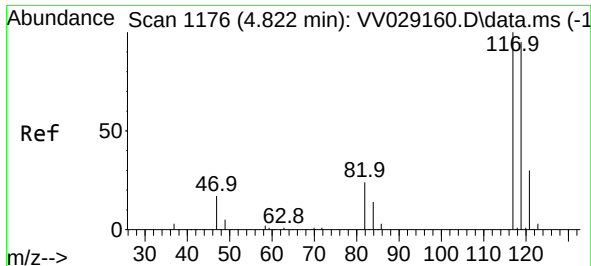
Ion Ratio Lower Upper

97 100

99 61.8 52.7 79.1

61 44.4 33.8 50.6

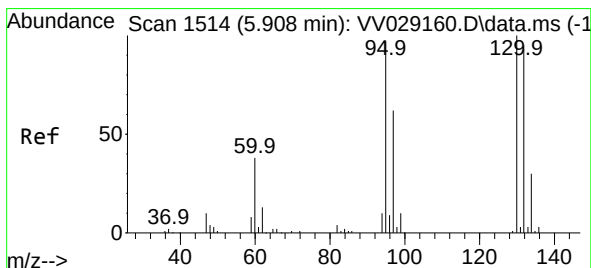
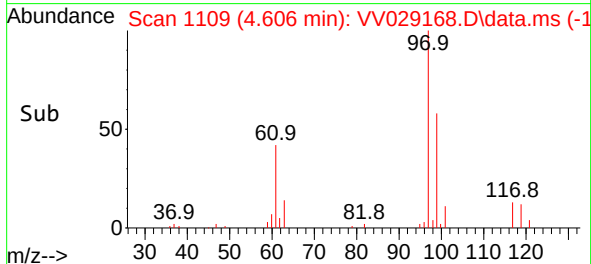
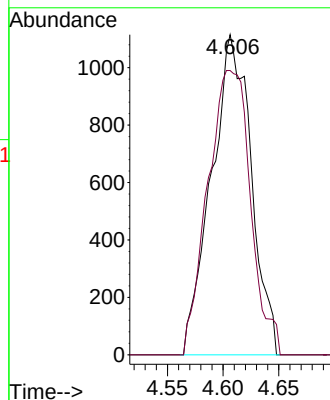
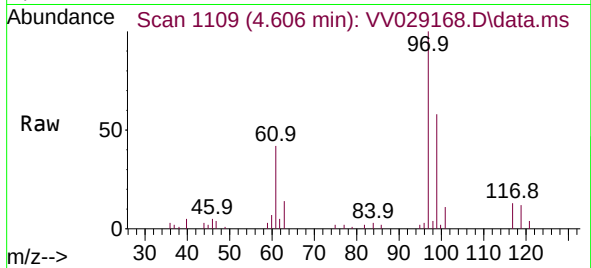




#31
Carbon tetrachloride
Concen: 0.093 ug/L
RT: 4.606 min Scan# 1176
Delta R.T. -0.216 min
Lab File: VV029168.D
Acq: 19 Nov 2022 14:08

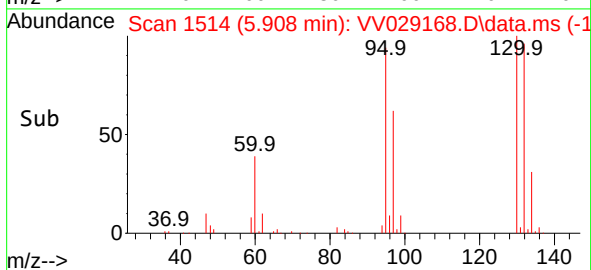
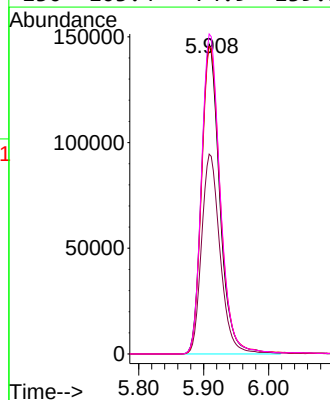
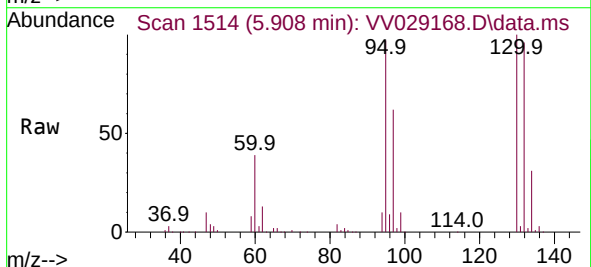
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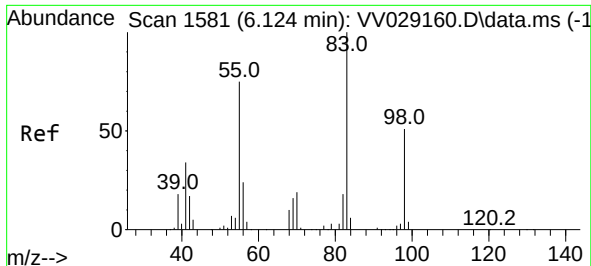
Tgt Ion:117 Resp: 2770
Ion Ratio Lower Upper
117 100
119 95.5 77.0 115.6



#34
Trichloroethene
Concen: 12.573 ug/L
RT: 5.908 min Scan# 1514
Delta R.T. -0.000 min
Lab File: VV029168.D
Acq: 19 Nov 2022 14:08

Tgt Ion: 95 Resp: 288640
Ion Ratio Lower Upper
95 100
97 64.5 45.6 84.8
132 99.3 69.1 128.3
130 103.4 74.9 139.1

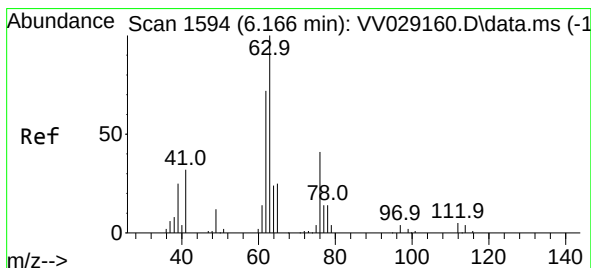
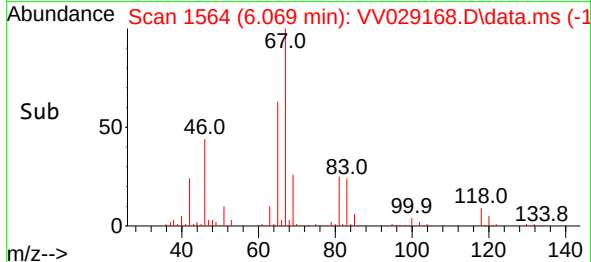
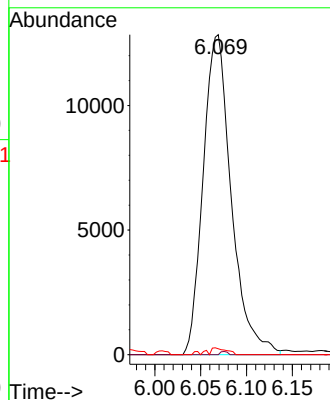
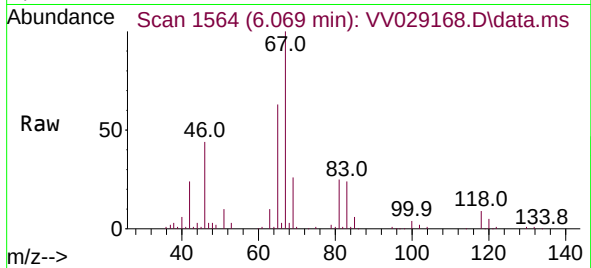




#35
Methylcyclohexane
Concen: 0.679 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.055 min
Lab File: VV029168.D
Acq: 19 Nov 2022 14:08

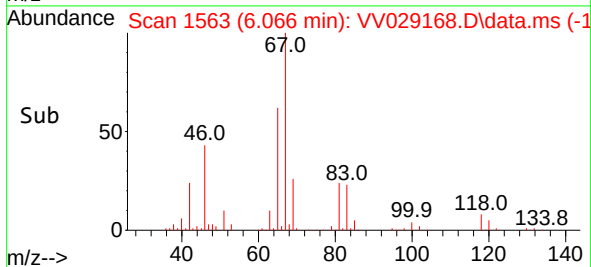
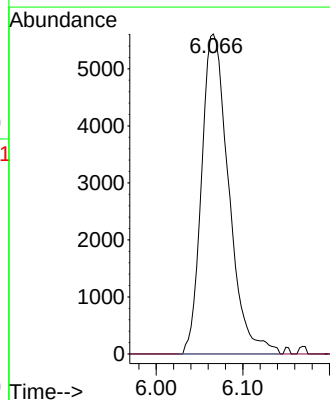
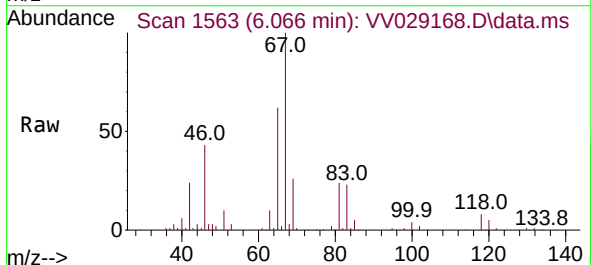
Instrument :
MSVOA_V
ClientSampleId :
BGCC6DL

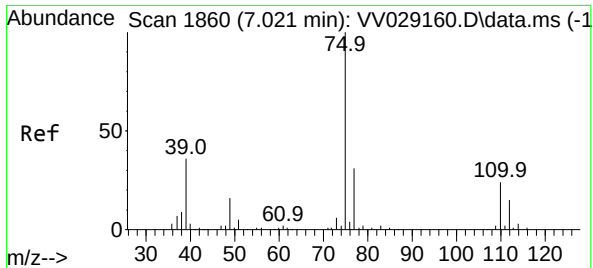
Tgt Ion: 83 Resp: 27401
Ion Ratio Lower Upper
83 100
55 0.2 55.8 83.6#
98 1.3 38.2 57.2#



#37
1,2-Dichloropropane
Concen: 0.593 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.100 min
Lab File: VV029168.D
Acq: 19 Nov 2022 14:08

Tgt Ion: 63 Resp: 12260
Ion Ratio Lower Upper
63 100
112 0.0 4.0 6.0#





#39

cis-1,3-Dichloropropene

Concen: 0.081 ug/L

RT: 6.982 min Scan# 11

Delta R.T. -0.039 min

Lab File: VV029168.D

Acq: 19 Nov 2022 14:08

Instrument :

MSVOA_V

ClientSampleId :

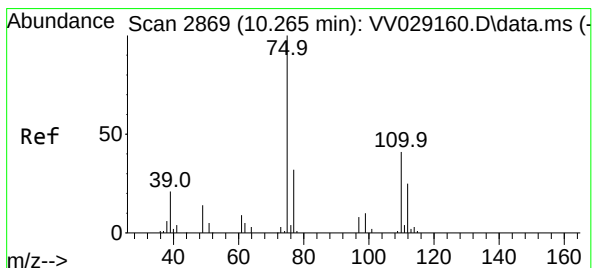
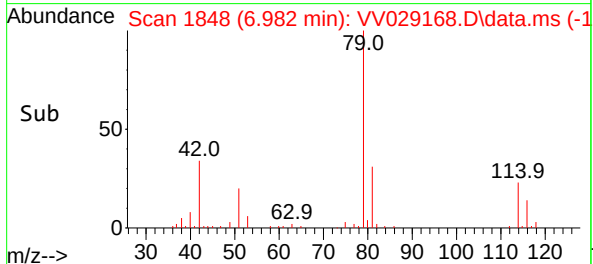
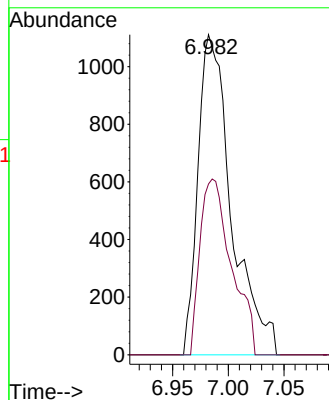
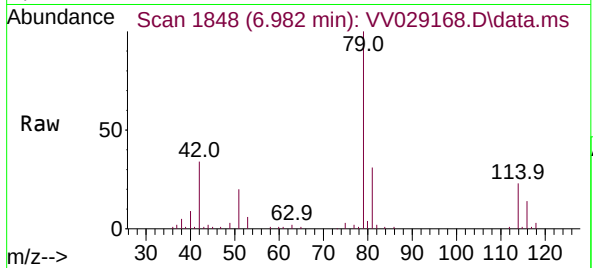
BGCC6DL

Tgt Ion: 75 Resp: 2327

Ion Ratio Lower Upper

75 100

77 53.4 21.8 40.6#



#61

1,2,3-Trichloropropane

Concen: 1.605 ug/L

RT: 11.239 min Scan# 3172

Delta R.T. 0.974 min

Lab File: VV029168.D

Acq: 19 Nov 2022 14:08

Tgt Ion: 75 Resp: 14734

Ion Ratio Lower Upper

75 100

77 31.8 26.2 39.2

110 2.2 32.6 48.8#

