

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111922\
 Data File : VW029169.D
 Acq On : 19 Nov 2022 14:33
 Operator : SY/MD
 Sample : N5687-12DL 5X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BGCD5DL

Quant Time: Nov 20 00:58:05 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)

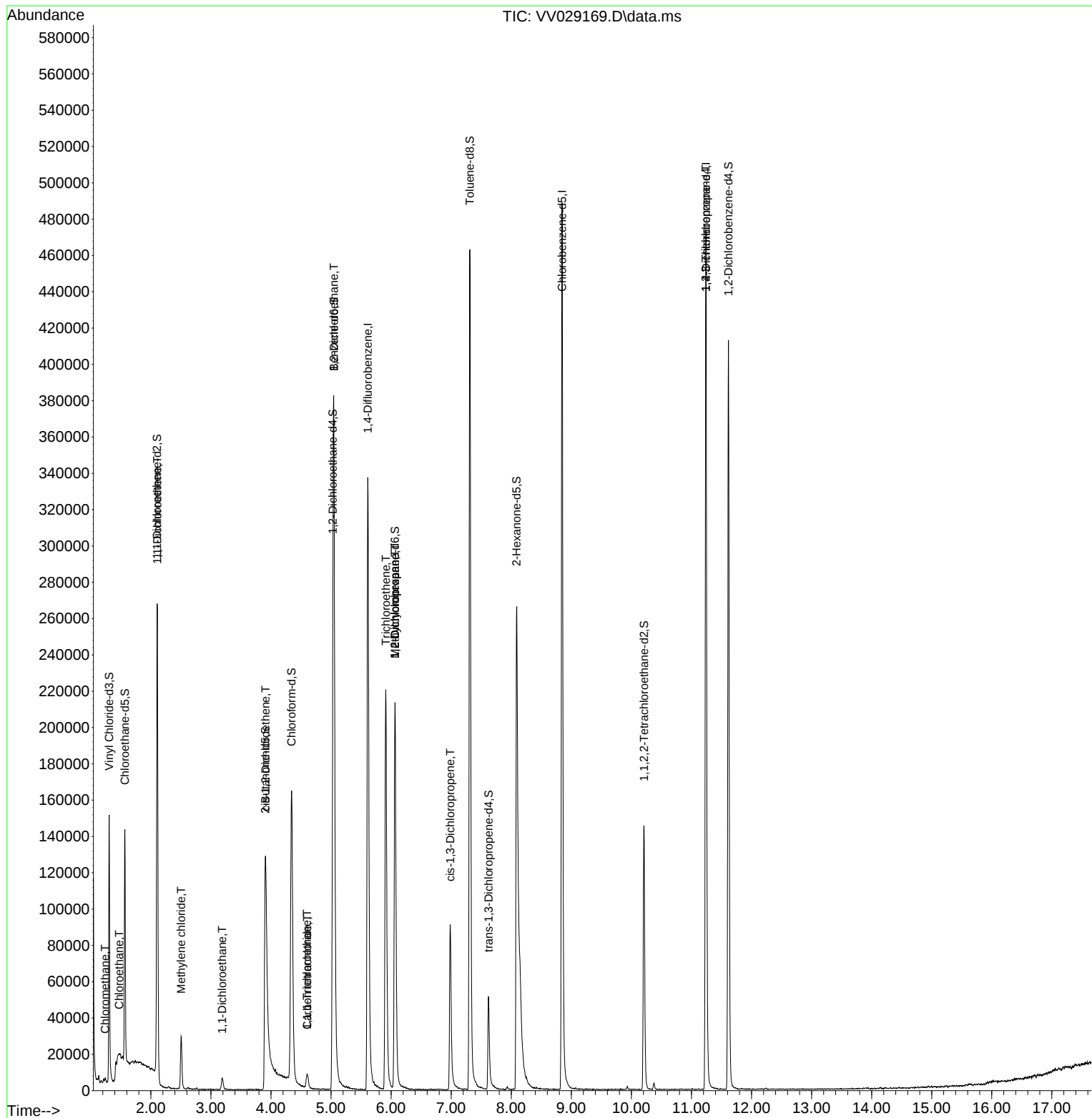
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	317888	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	297126	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	139104	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	103655	5.349	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	107.000%	
7) Chloroethane-d5	1.568	69	84240	4.944	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	98.800%	
11) 1,1-Dichloroethene-d2	2.105	63	133114	3.769	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	75.400%	
20) 2-Butanone-d5	3.905	46	107762	33.218	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	66.440%	
24) Chloroform-d	4.342	84	177851	4.470	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	89.400%	
26) 1,2-Dichloroethane-d4	5.031	65	81471	4.551	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	91.000%	
32) Benzene-d6	5.047	84	377425	4.256	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	85.200%	
36) 1,2-Dichloropropane-d6	6.066	67	112512	4.543	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	90.800%	
41) Toluene-d8	7.310	98	324599	4.066	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	81.400%	
43) trans-1,3-Dichloroprop...	7.622	79	35451	4.389	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	87.800%	
46) 2-Hexanone-d5	8.088	63	145425	42.180	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	84.360%	
56) 1,1,2,2-Tetrachloroeth...	10.210	84	77281	4.501	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	90.000%	
66) 1,2-Dichlorobenzene-d4	11.615	152	116067	4.664	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	93.200%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	1489	0.068	ug/L	83
8) Chloroethane	1.471	64	46463	3.152	ug/L #	51
12) 1,1-Dichloroethene	2.108	96	1541	0.080	ug/L #	1
16) Methylene chloride	2.506	84	13019	0.523	ug/L	98
19) 1,1-Dichloroethane	3.188	63	6685	0.183	ug/L	98
22) cis-1,2-Dichloroethene	3.908	96	48704	2.146	ug/L	98
27) 1,2-Dichloroethane	5.047	62	2082	0.106	ug/L	99
29) 1,1,1-Trichloroethane	4.600	97	6268	0.180	ug/L	97
31) Carbon tetrachloride	4.603	117	858	0.029	ug/L	98
34) Trichloroethene	5.911	95	82880	3.566	ug/L	97
35) Methylcyclohexane	6.066	83	26500	0.649	ug/L #	21
37) 1,2-Dichloropropane	6.066	63	11682	0.558	ug/L #	85
39) cis-1,3-Dichloropropene	6.985	75	2283	0.078	ug/L #	27
61) 1,2,3-Trichloropropane	11.239	75	14492	1.525	ug/L #	66

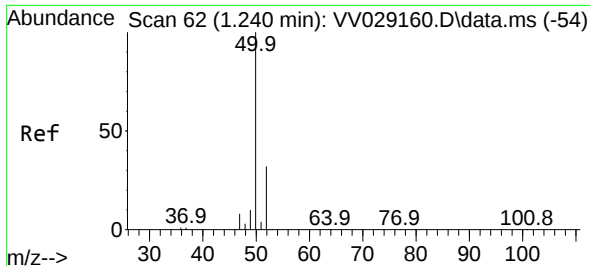
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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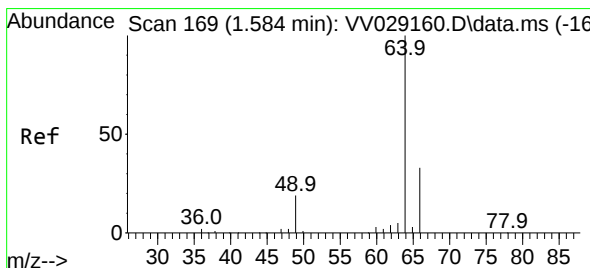
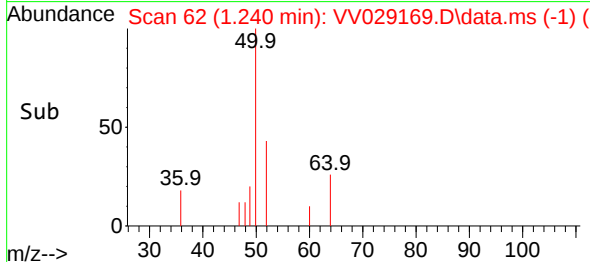
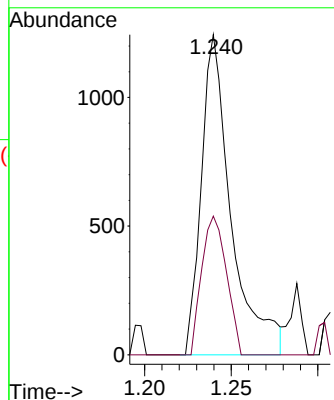
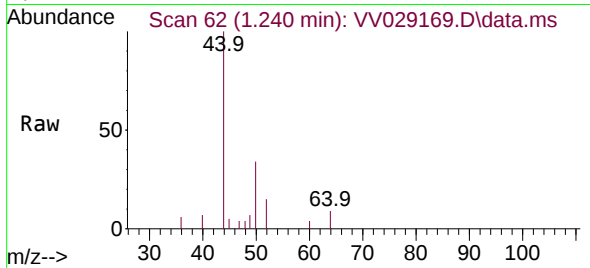




#3
Chloromethane
Concen: 0.068 ug/L
RT: 1.240 min Scan# 61
Delta R.T. -0.000 min
Lab File: VV029169.D
Acq: 19 Nov 2022 14:33

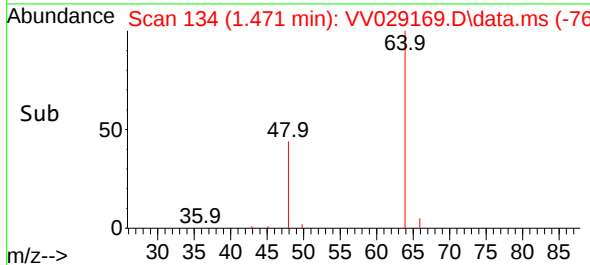
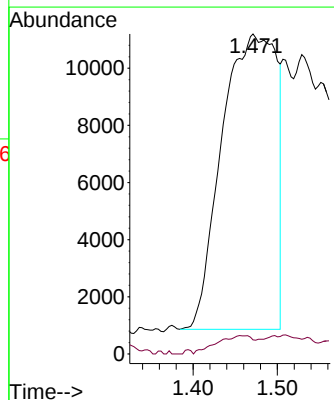
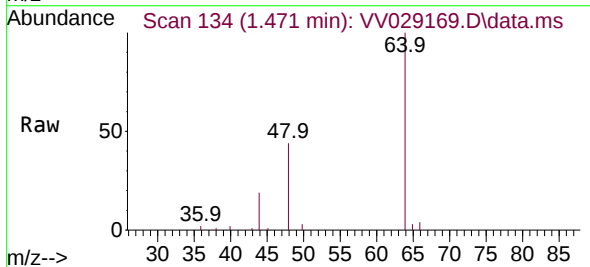
Instrument :
MSVOA_V
ClientSampleId :
BGCD5DL

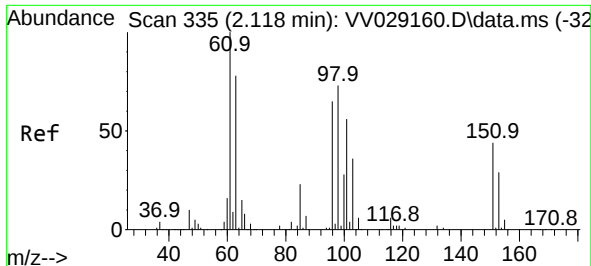
Tgt Ion: 50 Resp: 1489
Ion Ratio Lower Upper
50 100
52 43.3 23.7 43.9



#8
Chloroethane
Concen: 3.152 ug/L
RT: 1.471 min Scan# 134
Delta R.T. -0.113 min
Lab File: VV029169.D
Acq: 19 Nov 2022 14:33

Tgt Ion: 64 Resp: 46463
Ion Ratio Lower Upper
64 100
66 4.4 22.0 40.8#





#12

1,1-Dichloroethene

Concen: 0.080 ug/L

RT: 2.108 min Scan# 31

Delta R.T. -0.010 min

Lab File: VV029169.D

Acq: 19 Nov 2022 14:33

Instrument :

MSVOA_V

ClientSampleId :

BGCD5DL

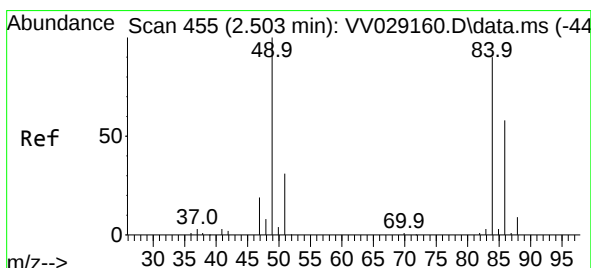
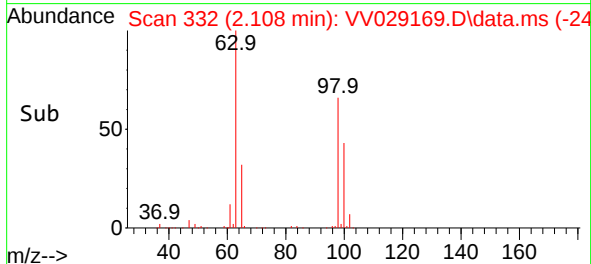
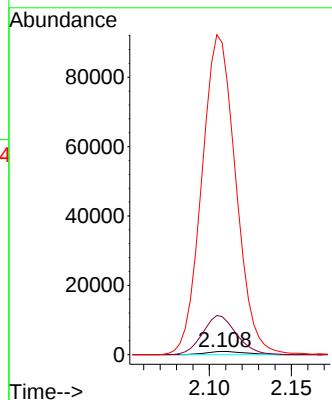
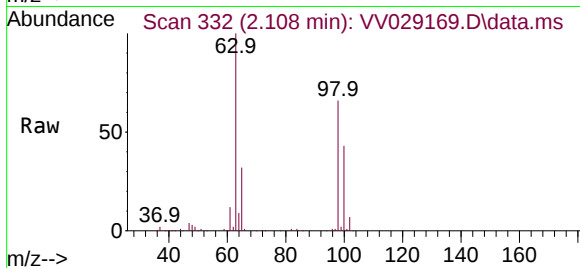
Tgt Ion: 96 Resp: 1541

Ion Ratio Lower Upper

96 100

61 1161.7 104.2 193.4#

63 9521.3 75.9 140.9#



#16

Methylene chloride

Concen: 0.523 ug/L

RT: 2.506 min Scan# 456

Delta R.T. 0.003 min

Lab File: VV029169.D

Acq: 19 Nov 2022 14:33

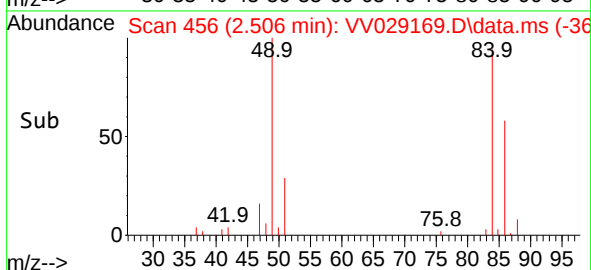
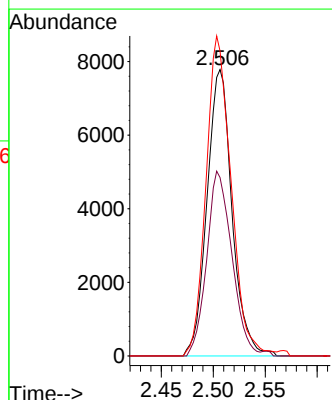
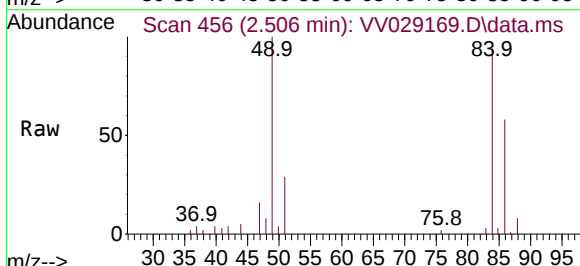
Tgt Ion: 84 Resp: 13019

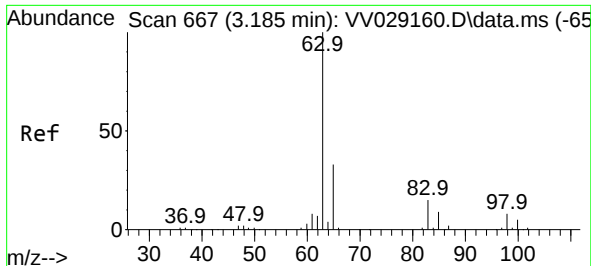
Ion Ratio Lower Upper

84 100

86 62.3 45.8 85.0

49 106.5 75.5 140.1





#19

1,1-Dichloroethane

Concen: 0.183 ug/L

RT: 3.188 min Scan# 668

Delta R.T. 0.003 min

Lab File: VV029169.D

Acq: 19 Nov 2022 14:33

Instrument :

MSVOA_V

ClientSampleId :

BGCD5DL

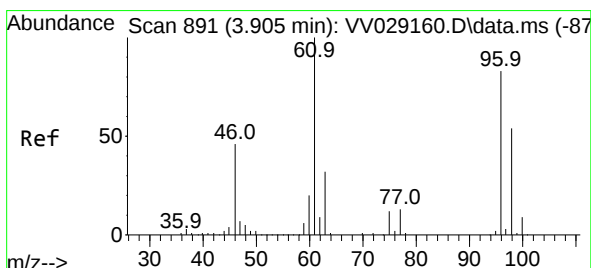
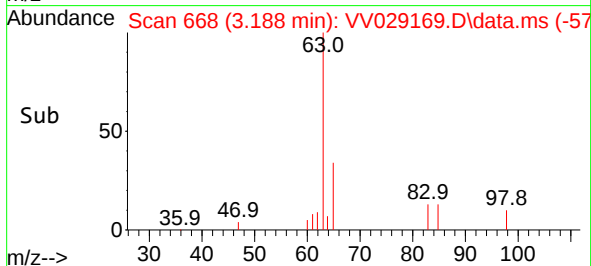
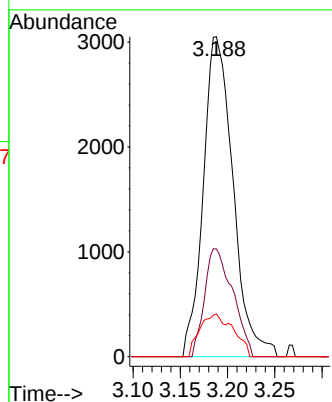
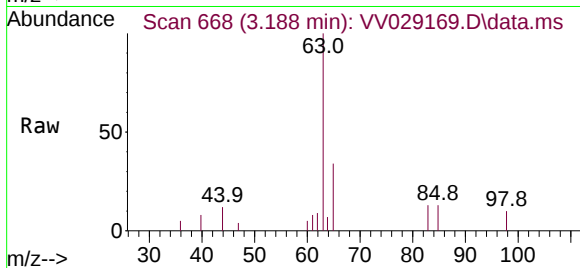
Tgt Ion: 63 Resp: 6685

Ion Ratio Lower Upper

63 100

65 31.5 23.0 42.6

83 12.5 9.4 17.6



#22

cis-1,2-Dichloroethene

Concen: 2.146 ug/L

RT: 3.908 min Scan# 892

Delta R.T. 0.003 min

Lab File: VV029169.D

Acq: 19 Nov 2022 14:33

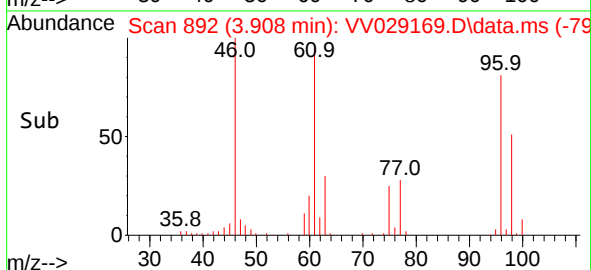
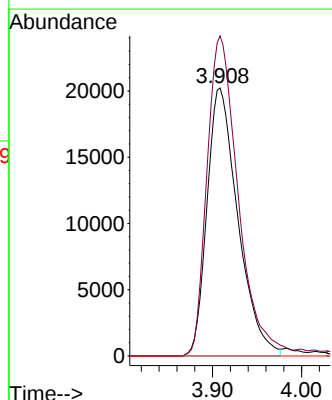
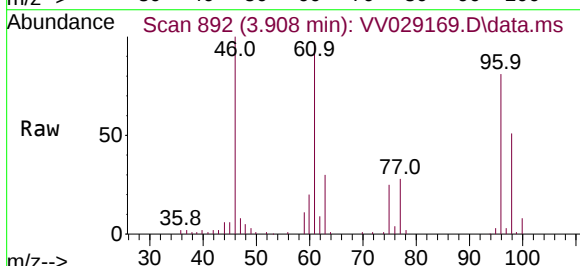
Tgt Ion: 96 Resp: 48704

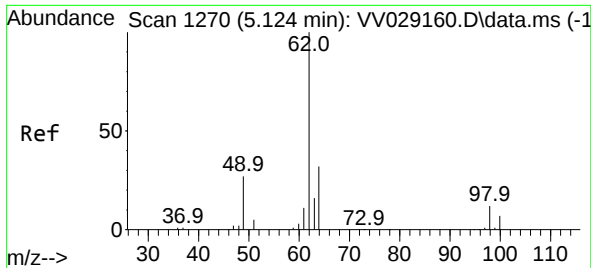
Ion Ratio Lower Upper

96 100

61 119.4 82.3 152.9

68 0.0 0.0 0.0





#27

1,2-Dichloroethane

Concen: 0.106 ug/L

RT: 5.047 min Scan# 1124

Delta R.T. -0.077 min

Lab File: VV029169.D

Acq: 19 Nov 2022 14:33

Instrument :

MSVOA_V

ClientSampleId :

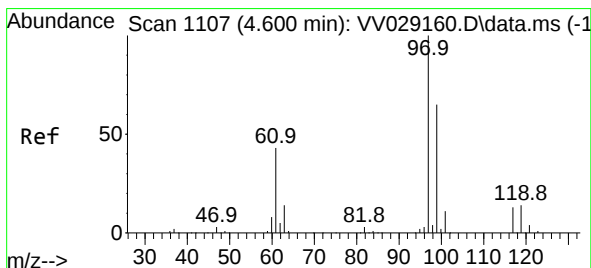
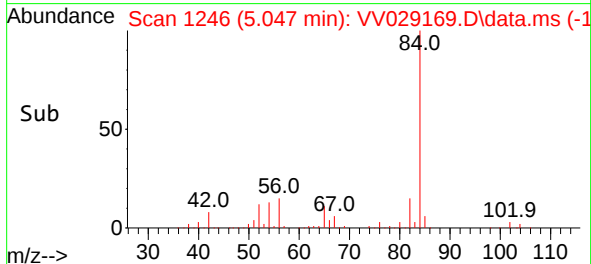
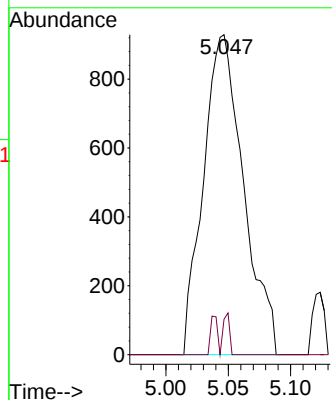
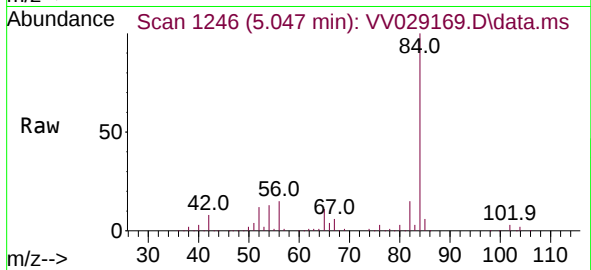
BGCD5DL

Tgt Ion: 62 Resp: 2082

Ion Ratio Lower Upper

62 100

98 11.1 9.0 13.6



#29

1,1,1-Trichloroethane

Concen: 0.180 ug/L

RT: 4.600 min Scan# 1107

Delta R.T. -0.000 min

Lab File: VV029169.D

Acq: 19 Nov 2022 14:33

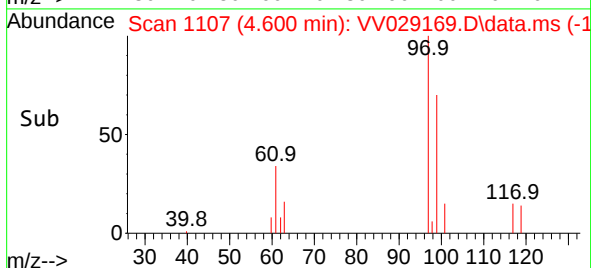
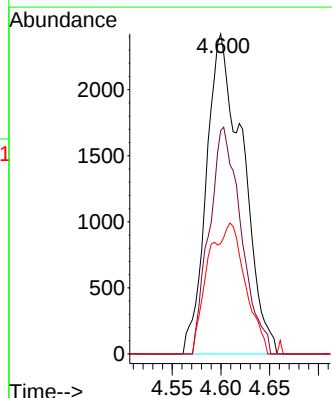
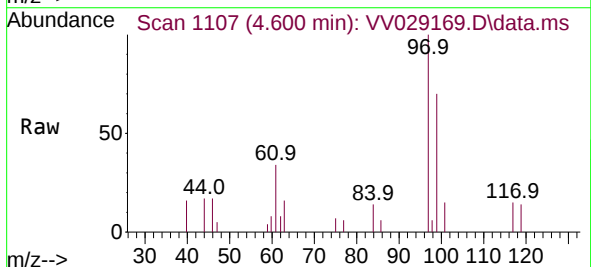
Tgt Ion: 97 Resp: 6268

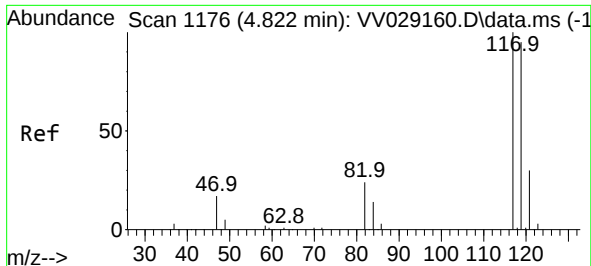
Ion Ratio Lower Upper

97 100

99 62.4 52.7 79.1

61 41.8 33.8 50.6

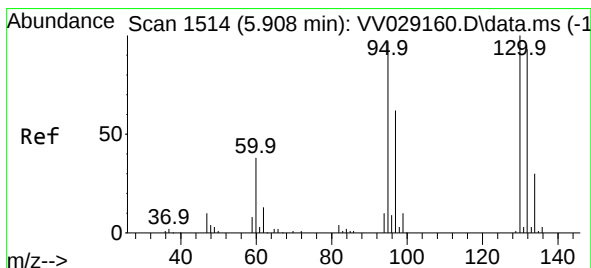
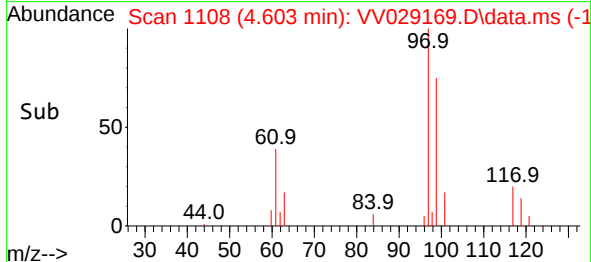
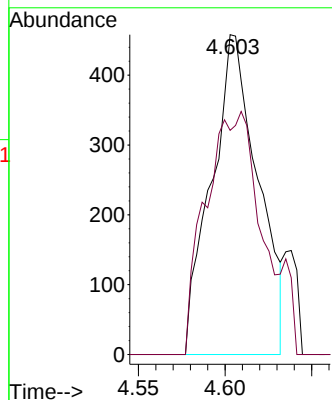
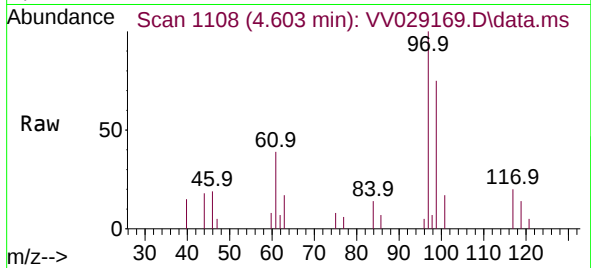




#31
Carbon tetrachloride
Concen: 0.029 ug/L
RT: 4.603 min Scan# 1176
Delta R.T. -0.219 min
Lab File: VV029169.D
Acq: 19 Nov 2022 14:33

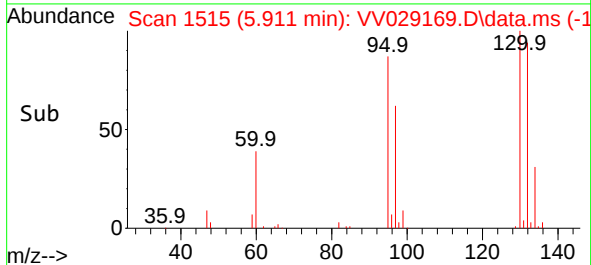
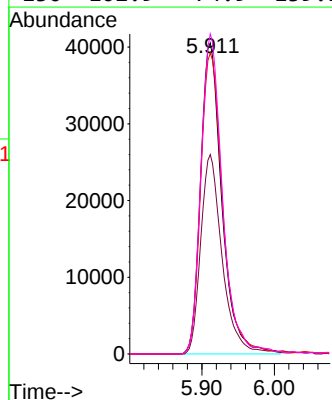
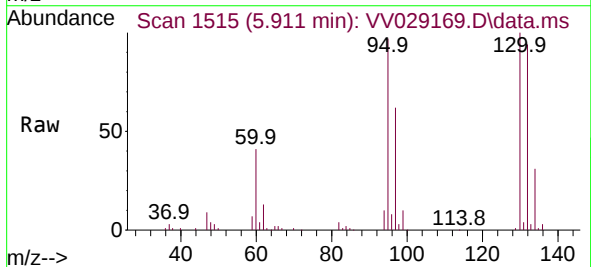
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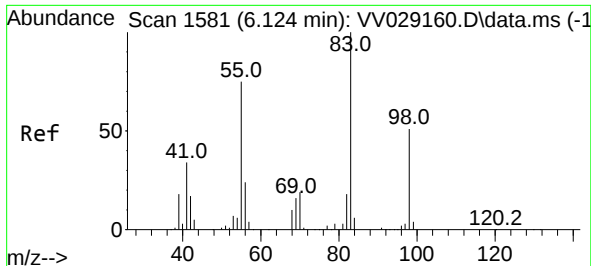
Tgt Ion:117 Resp: 858
Ion Ratio Lower Upper
117 100
119 94.3 77.0 115.6



#34
Trichloroethene
Concen: 3.566 ug/L
RT: 5.911 min Scan# 1515
Delta R.T. 0.003 min
Lab File: VV029169.D
Acq: 19 Nov 2022 14:33

Tgt Ion: 95 Resp: 82880
Ion Ratio Lower Upper
95 100
97 64.1 45.6 84.8
132 96.8 69.1 128.3
130 102.9 74.9 139.1

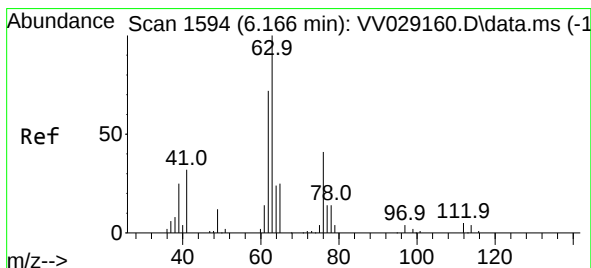
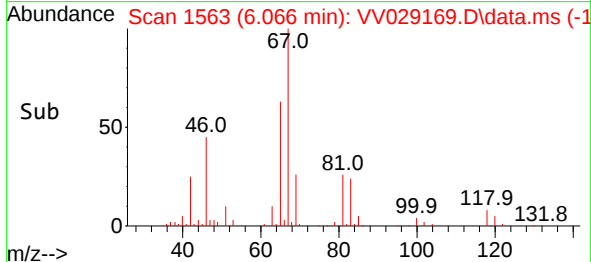
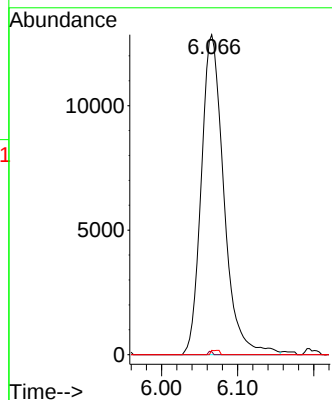
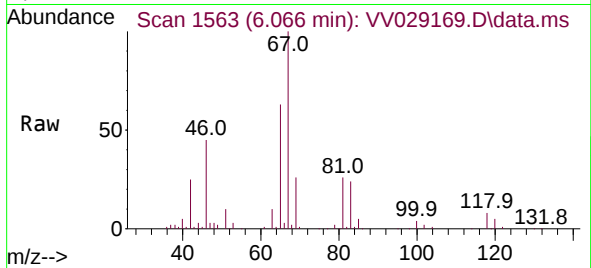




#35
Methylcyclohexane
Concen: 0.649 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.058 min
Lab File: VV029169.D
Acq: 19 Nov 2022 14:33

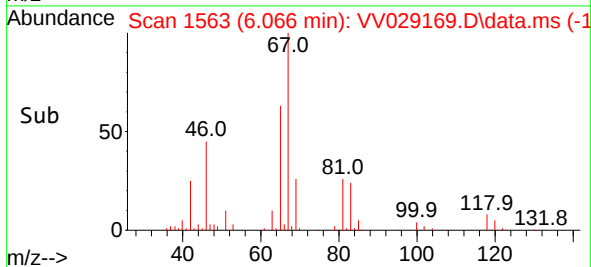
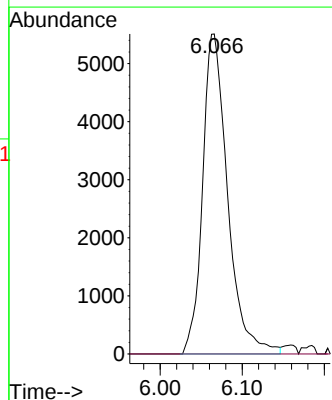
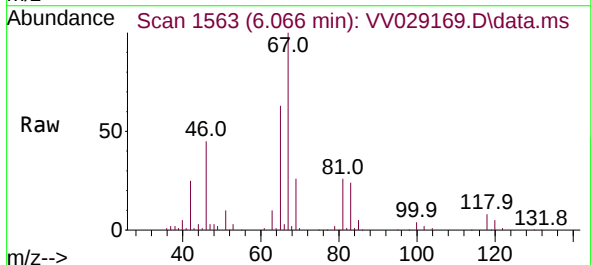
Instrument :
MSVOA_V
ClientSampleId :
BGCD5DL

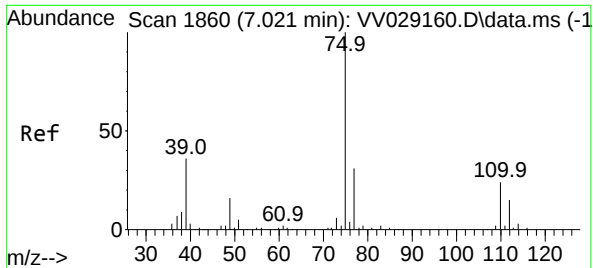
Tgt Ion: 83 Resp: 26500
Ion Ratio Lower Upper
83 100
55 0.2 55.8 83.6#
98 0.5 38.2 57.2#



#37
1,2-Dichloropropane
Concen: 0.558 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.100 min
Lab File: VV029169.D
Acq: 19 Nov 2022 14:33

Tgt Ion: 63 Resp: 11682
Ion Ratio Lower Upper
63 100
112 0.0 4.0 6.0#





#39

cis-1,3-Dichloropropene

Concen: 0.078 ug/L

RT: 6.985 min Scan# 11

Delta R.T. -0.036 min

Lab File: VV029169.D

Acq: 19 Nov 2022 14:33

Instrument :

MSVOA_V

ClientSampleId :

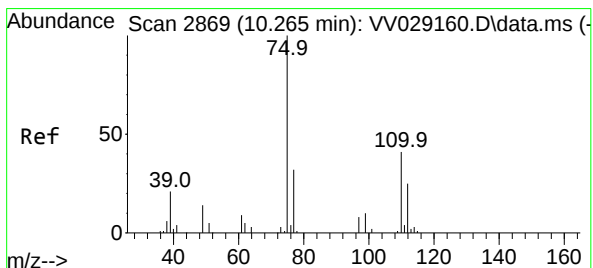
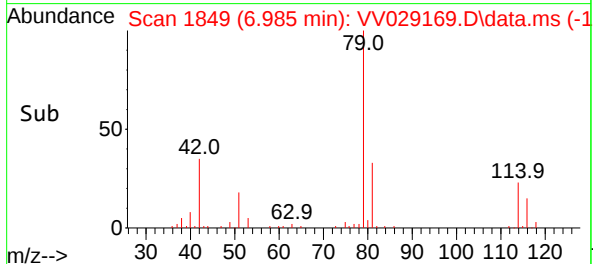
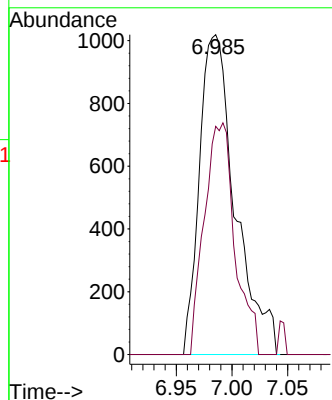
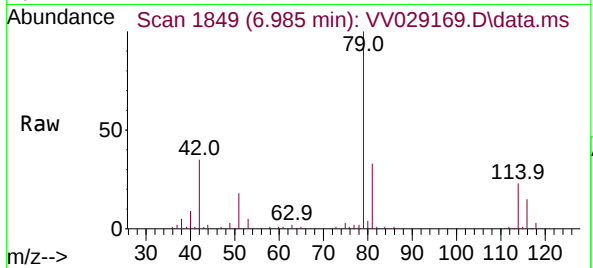
BGCD5DL

Tgt Ion: 75 Resp: 2283

Ion Ratio Lower Upper

75 100

77 71.3 21.8 40.6#



#61

1,2,3-Trichloropropane

Concen: 1.525 ug/L

RT: 11.239 min Scan# 3172

Delta R.T. 0.974 min

Lab File: VV029169.D

Acq: 19 Nov 2022 14:33

Tgt Ion: 75 Resp: 14492

Ion Ratio Lower Upper

75 100

77 33.1 26.2 39.2

110 2.9 32.6 48.8#

