

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111822\
 Data File : VW029137.D
 Acq On : 18 Nov 2022 23:35
 Operator : SY/MD
 Sample : M5688-12
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BGCG0

Quant Time: Nov 19 02:00:35 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)

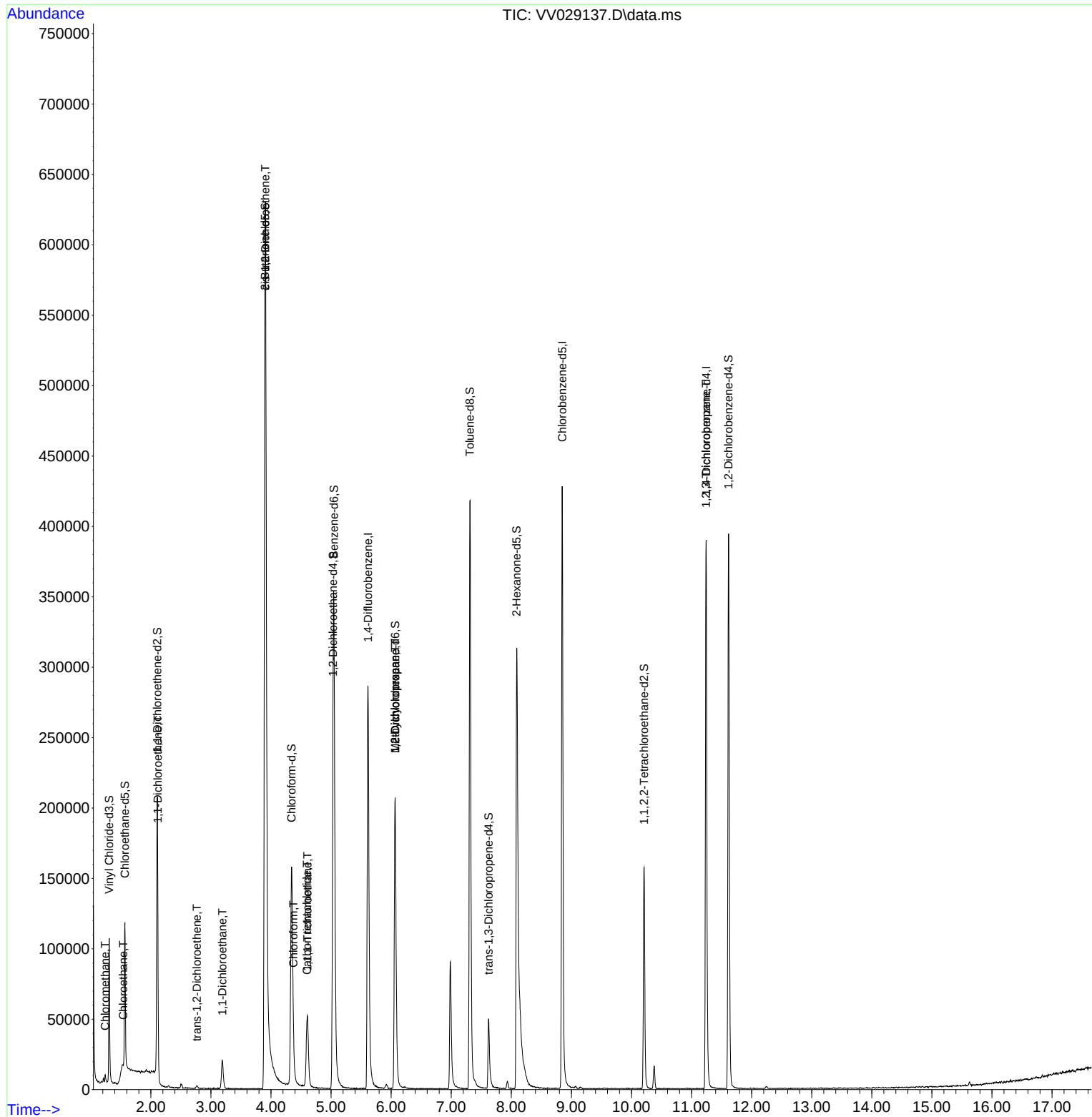
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	276548	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	253616	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	111138	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	70978	4.210	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.200%
7) Chloroethane-d5	1.568	69	67014	4.521	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.400%
11) 1,1-Dichloroethene-d2	2.108	63	101073	3.290	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.800%
20) 2-Butanone-d5	3.902	46	99623	35.299	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	70.600%
24) Chloroform-d	4.342	84	171112	4.943	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.800%
26) 1,2-Dichloroethane-d4	5.030	65	83153	5.339	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.800%
32) Benzene-d6	5.047	84	345140	4.559	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.200%
36) 1,2-Dichloropropane-d6	6.066	67	108950	5.154	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.000%
41) Toluene-d8	7.310	98	299984	4.402	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.000%
43) trans-1,3-Dichloroprop...	7.622	79	33249	4.823	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.400%
46) 2-Hexanone-d5	8.088	63	145263	49.362	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.720%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	82471	5.627	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	112.600%
66) 1,2-Dichlorobenzene-d4	11.615	152	110579	5.561	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.200%
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	3102	0.162	ug/L	86
8) Chloroethane	1.539	64	36840	2.873	ug/L #	50
12) 1,1-Dichloroethene	2.114	96	2106	0.126	ug/L #	1
18) trans-1,2-Dichloroethene	2.767	96	1034	0.053	ug/L	81
19) 1,1-Dichloroethane	3.188	63	22299	0.703	ug/L	96
22) cis-1,2-Dichloroethene	3.905	96	356078	18.039	ug/L	98
25) Chloroform	4.371	83	7141	0.215	ug/L	94
29) 1,1,1-Trichloroethane	4.606	97	43234	1.453	ug/L	96
31) Carbon tetrachloride	4.600	117	5928	0.231	ug/L	98
35) Methylcyclohexane	6.066	83	26361	0.756	ug/L #	21
37) 1,2-Dichloropropane	6.066	63	11908	0.666	ug/L #	87
61) 1,2,3-Trichloropropane	11.239	75	12814	1.687	ug/L #	64

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

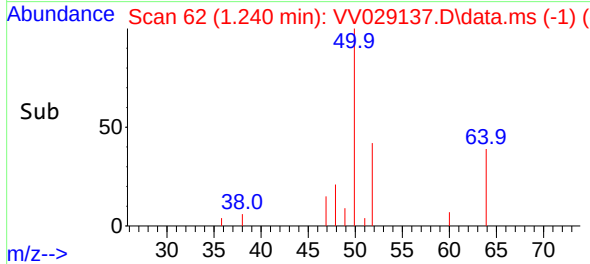
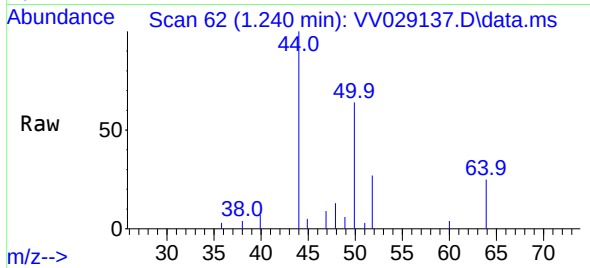
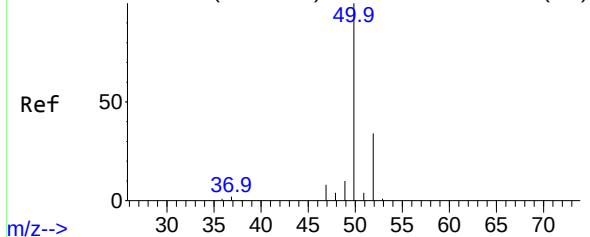
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111822\
Data File : VV029137.D
Acq On : 18 Nov 2022 23:35
Operator : SY/MD
Sample : M5688-12
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BGCG0

Quant Time: Nov 19 02:00:35 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



Abundance Scan 62 (1.240 min): VV029132.D\data.ms (-50)



#3

Chloromethane

Concen: 0.162 ug/L

RT: 1.240 min Scan# 61

Delta R.T. -0.000 min

Lab File: VV029137.D

Acq: 18 Nov 2022 23:35

Instrument :

MSVOA_V

ClientSampleId :

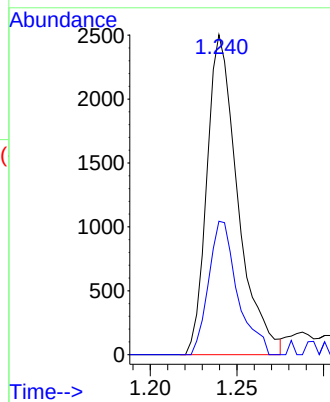
BGCG0

Tgt Ion: 50 Resp: 3102

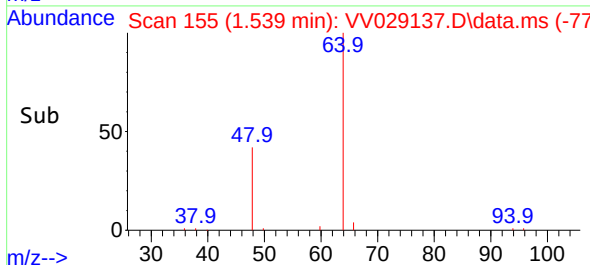
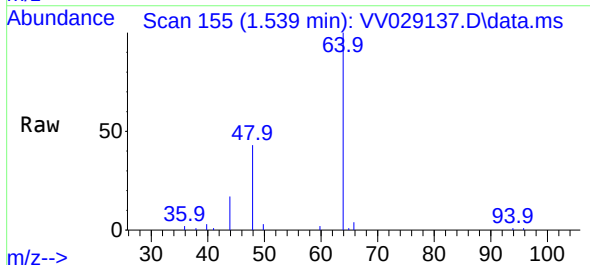
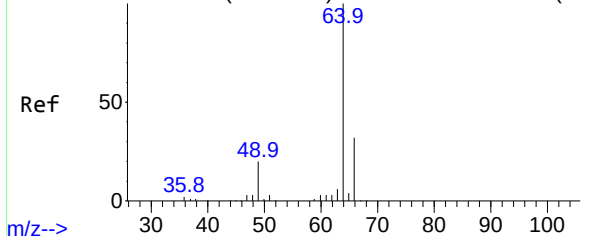
Ion Ratio Lower Upper

50 100

52 41.7 23.7 43.9



Abundance Scan 169 (1.584 min): VV029132.D\data.ms (-16)



#8

Chloroethane

Concen: 2.873 ug/L

RT: 1.539 min Scan# 155

Delta R.T. -0.048 min

Lab File: VV029137.D

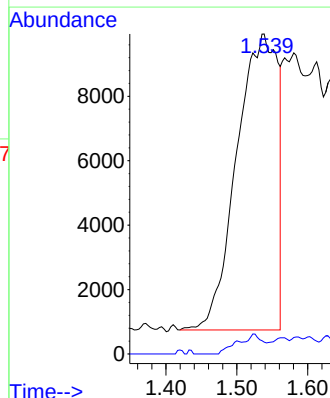
Acq: 18 Nov 2022 23:35

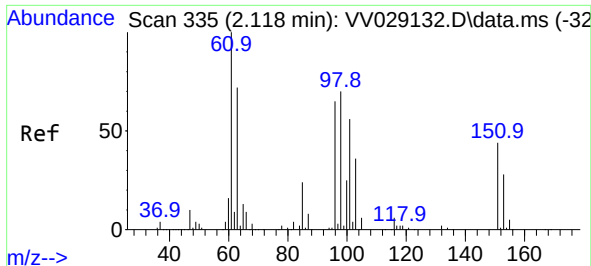
Tgt Ion: 64 Resp: 36840

Ion Ratio Lower Upper

64 100

66 3.7 22.0 40.8#





#12

1,1-Dichloroethene

Concen: 0.126 ug/L

RT: 2.114 min Scan# 31

Delta R.T. -0.007 min

Lab File: VV029137.D

Acq: 18 Nov 2022 23:35

Instrument :

MSVOA_V

ClientSampleId :

BGCG0

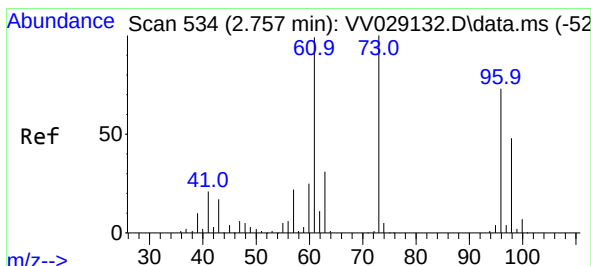
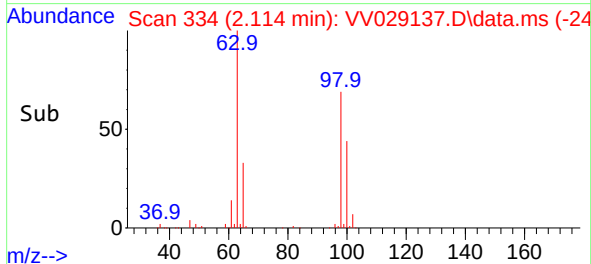
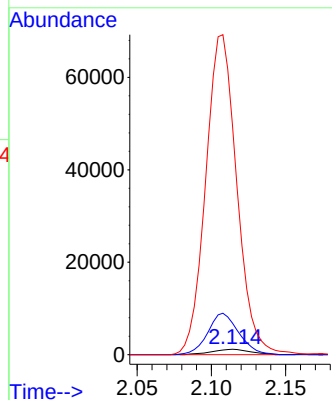
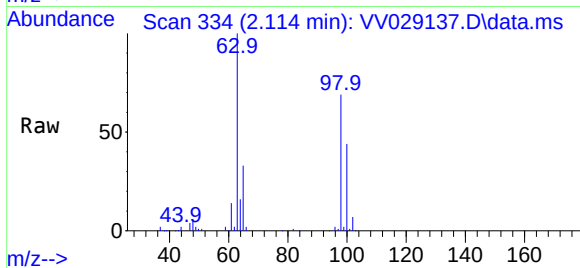
Tgt Ion: 96 Resp: 2106

Ion Ratio Lower Upper

96 100

61 584.6 104.2 193.4#

63 4252.0 75.9 140.9#



#18

trans-1,2-Dichloroethene

Concen: 0.053 ug/L

RT: 2.767 min Scan# 537

Delta R.T. 0.006 min

Lab File: VV029137.D

Acq: 18 Nov 2022 23:35

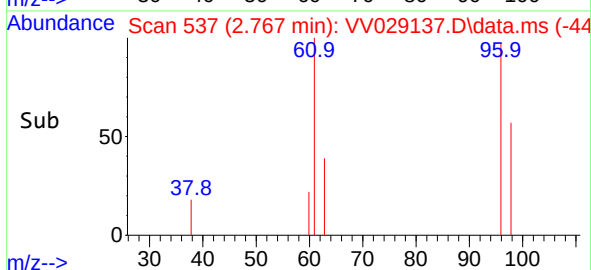
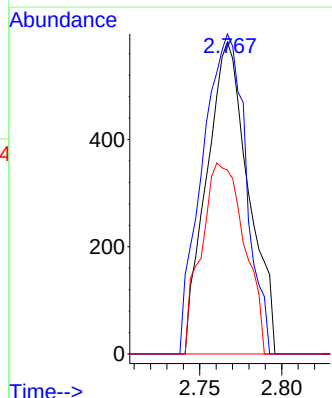
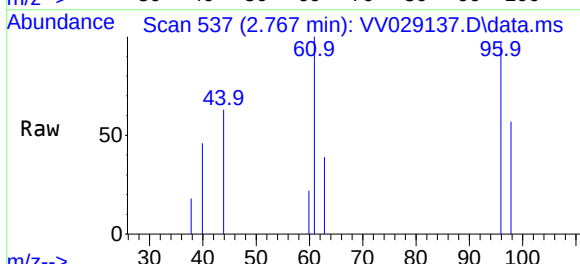
Tgt Ion: 96 Resp: 1034

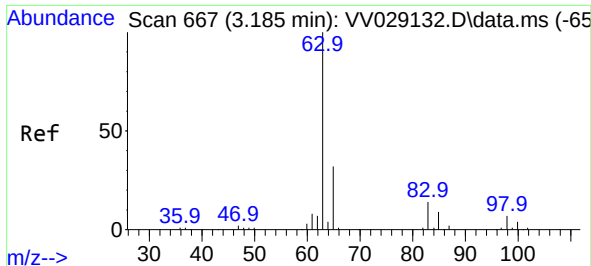
Ion Ratio Lower Upper

96 100

61 102.6 91.8 170.6

98 58.9 46.4 86.2



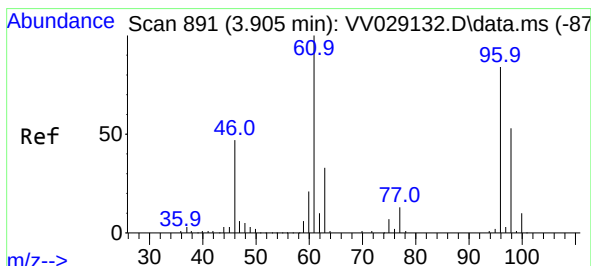
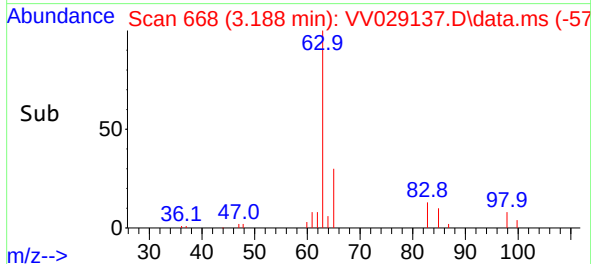
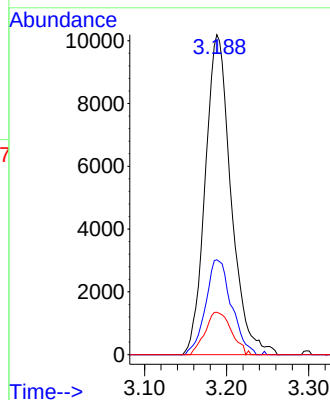
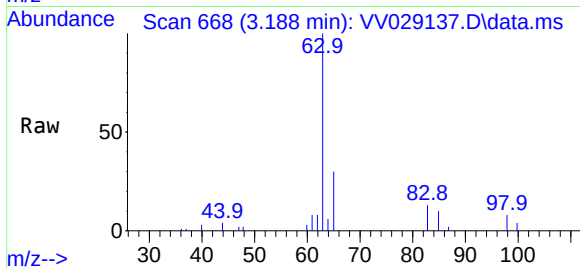


#19
1,1-Dichloroethane
Concen: 0.703 ug/L
RT: 3.188 min Scan# 667
Delta R.T. -0.000 min
Lab File: VV029137.D
Acq: 18 Nov 2022 23:35

Instrument :
MSVOA_V
ClientSampleId :
BGCG0

Tgt Ion: 63 Resp: 22299

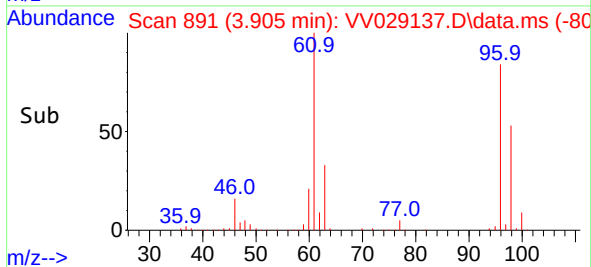
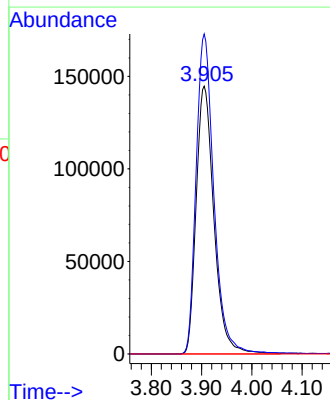
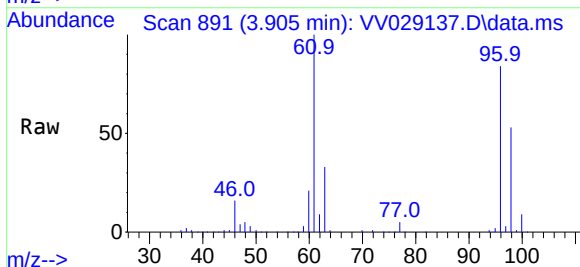
Ion	Ratio	Lower	Upper
63	100		
65	29.6	23.0	42.6
83	13.3	9.4	17.6

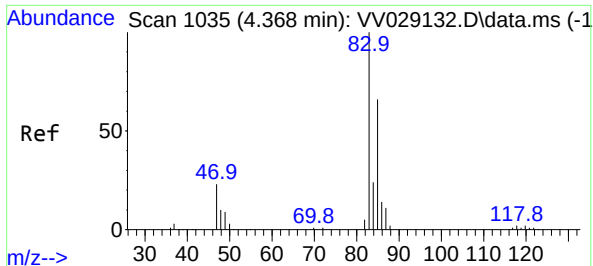


#22
cis-1,2-Dichloroethene
Concen: 18.039 ug/L
RT: 3.905 min Scan# 891
Delta R.T. -0.007 min
Lab File: VV029137.D
Acq: 18 Nov 2022 23:35

Tgt Ion: 96 Resp: 356078

Ion	Ratio	Lower	Upper
96	100		
61	119.5	82.3	152.9
68	0.0	0.0	0.0





#25

Chloroform

Concen: 0.215 ug/L

RT: 4.371 min Scan# 1109

Delta R.T. -0.003 min

Lab File: VV029137.D

Acq: 18 Nov 2022 23:35

Instrument :

MSVOA_V

ClientSampleId :

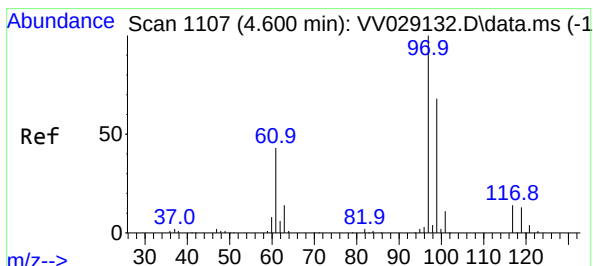
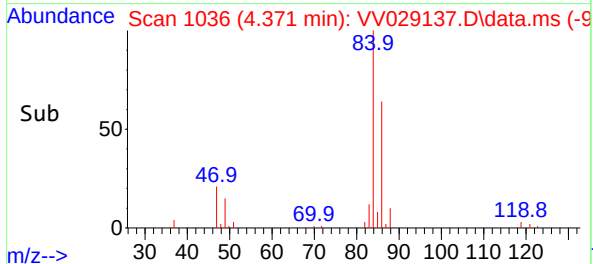
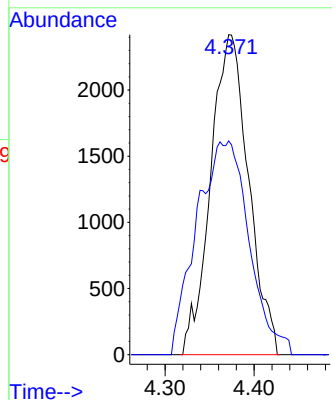
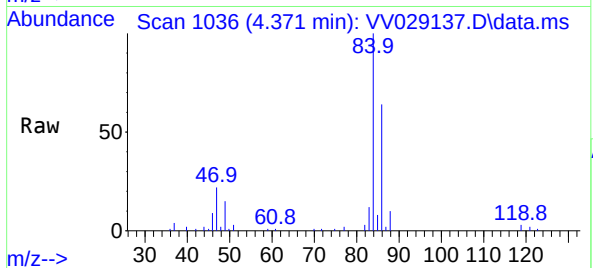
BGCG0

Tgt Ion: 83 Resp: 7141

Ion Ratio Lower Upper

83 100

85 66.8 43.7 81.1



#29

1,1,1-Trichloroethane

Concen: 1.453 ug/L

RT: 4.606 min Scan# 1109

Delta R.T. -0.000 min

Lab File: VV029137.D

Acq: 18 Nov 2022 23:35

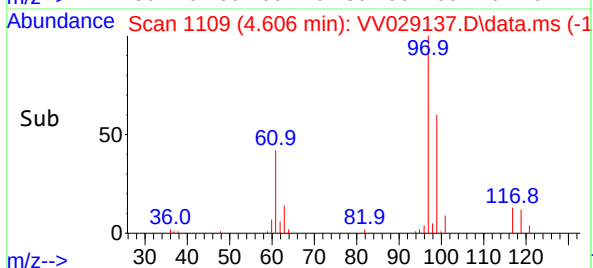
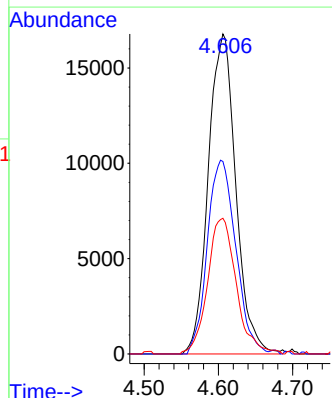
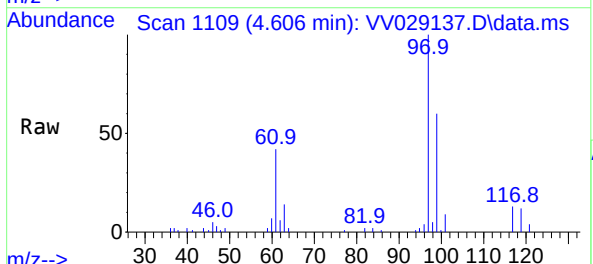
Tgt Ion: 97 Resp: 43234

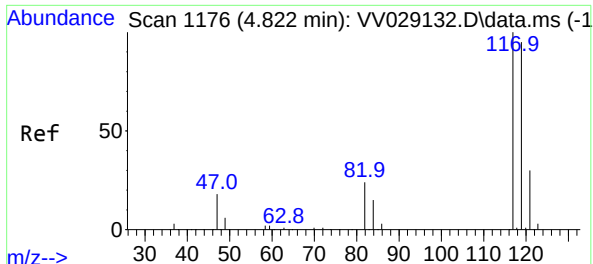
Ion Ratio Lower Upper

97 100

99 62.7 52.7 79.1

61 44.3 33.8 50.6

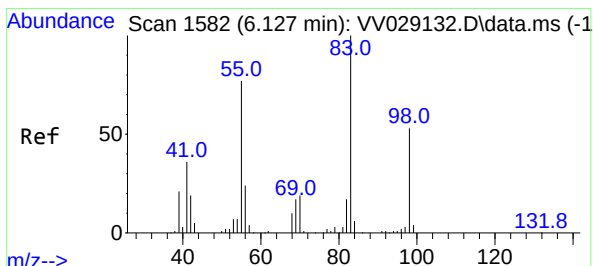
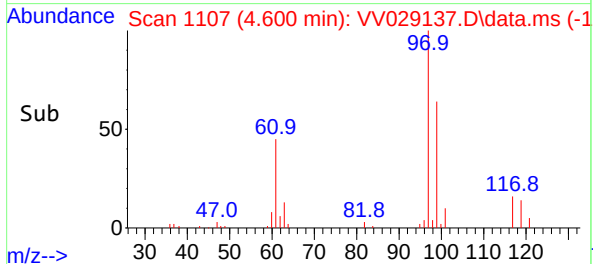
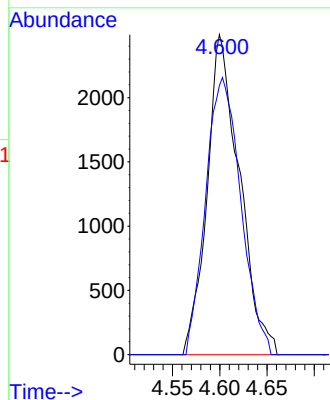
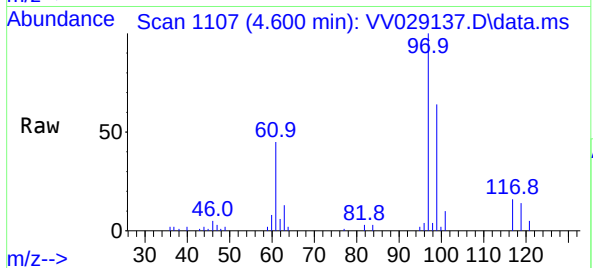




#31
Carbon tetrachloride
Concen: 0.231 ug/L
RT: 4.600 min Scan# 1176
Delta R.T. -0.228 min
Lab File: VV029137.D
Acq: 18 Nov 2022 23:35

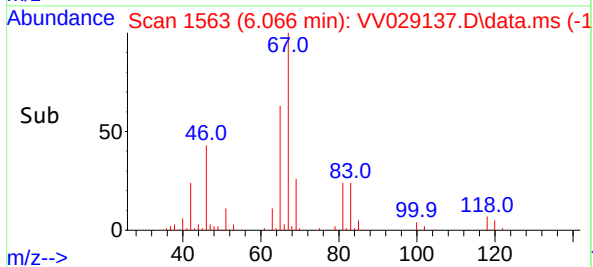
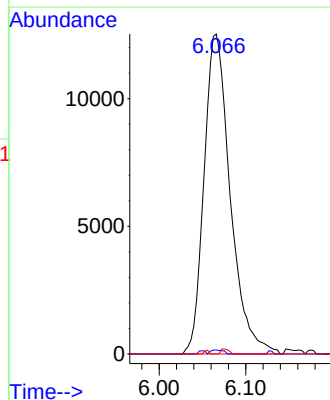
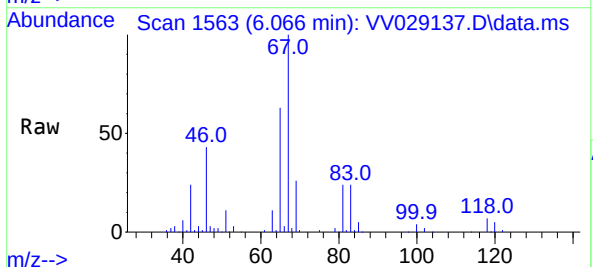
Instrument :
MSVOA_V
ClientSampleId :
BGCG0

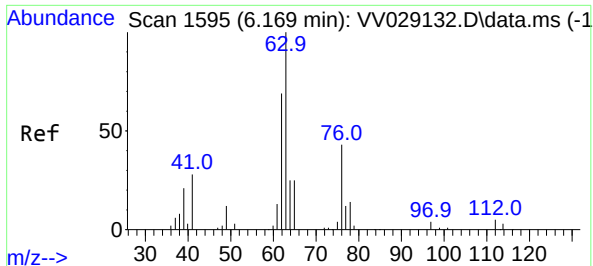
Tgt Ion:117 Resp: 5928
Ion Ratio Lower Upper
117 100
119 94.1 77.0 115.6



#35
Methylcyclohexane
Concen: 0.756 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.064 min
Lab File: VV029137.D
Acq: 18 Nov 2022 23:35

Tgt Ion: 83 Resp: 26361
Ion Ratio Lower Upper
83 100
55 0.6 55.8 83.6#
98 0.5 38.2 57.2#

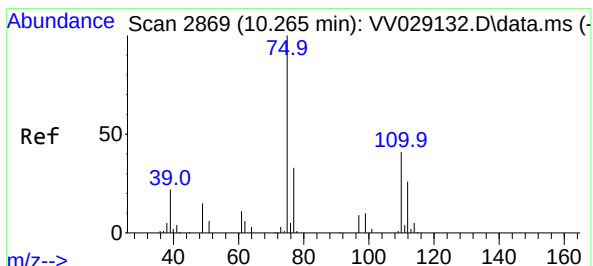
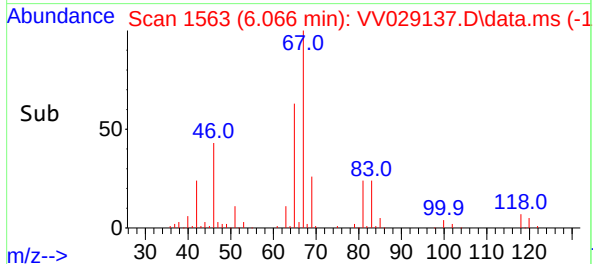
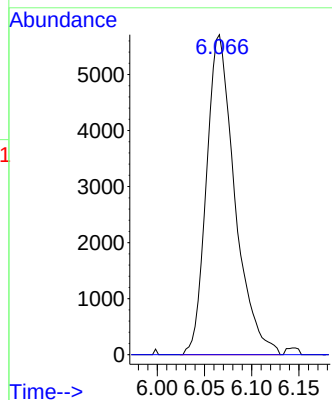
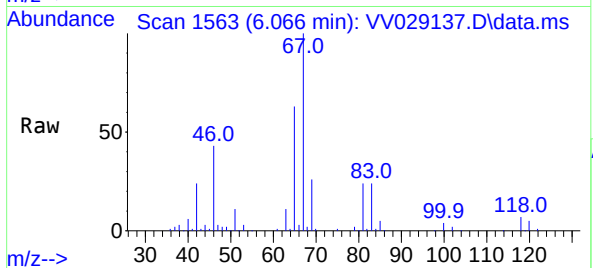




#37
1,2-Dichloropropane
Concen: 0.666 ug/L
RT: 6.066 min Scan# 11
Delta R.T. -0.106 min
Lab File: VV029137.D
Acq: 18 Nov 2022 23:35

Instrument :
MSVOA_V
ClientSampleId :
BGCG0

Tgt Ion: 63 Resp: 11908
Ion Ratio Lower Upper
63 100
112 0.8 4.0 6.0#



#61
1,2,3-Trichloropropane
Concen: 1.687 ug/L
RT: 11.239 min Scan# 3172
Delta R.T. 0.971 min
Lab File: VV029137.D
Acq: 18 Nov 2022 23:35

Tgt Ion: 75 Resp: 12814
Ion Ratio Lower Upper
75 100
77 32.1 26.2 39.2
110 1.2 32.6 48.8#

