

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111822\
 Data File : VW029135.D
 Acq On : 18 Nov 2022 22:46
 Operator : SY/MD
 Sample : M5688-10
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BGCF6

Quant Time: Nov 19 02:00:20 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)

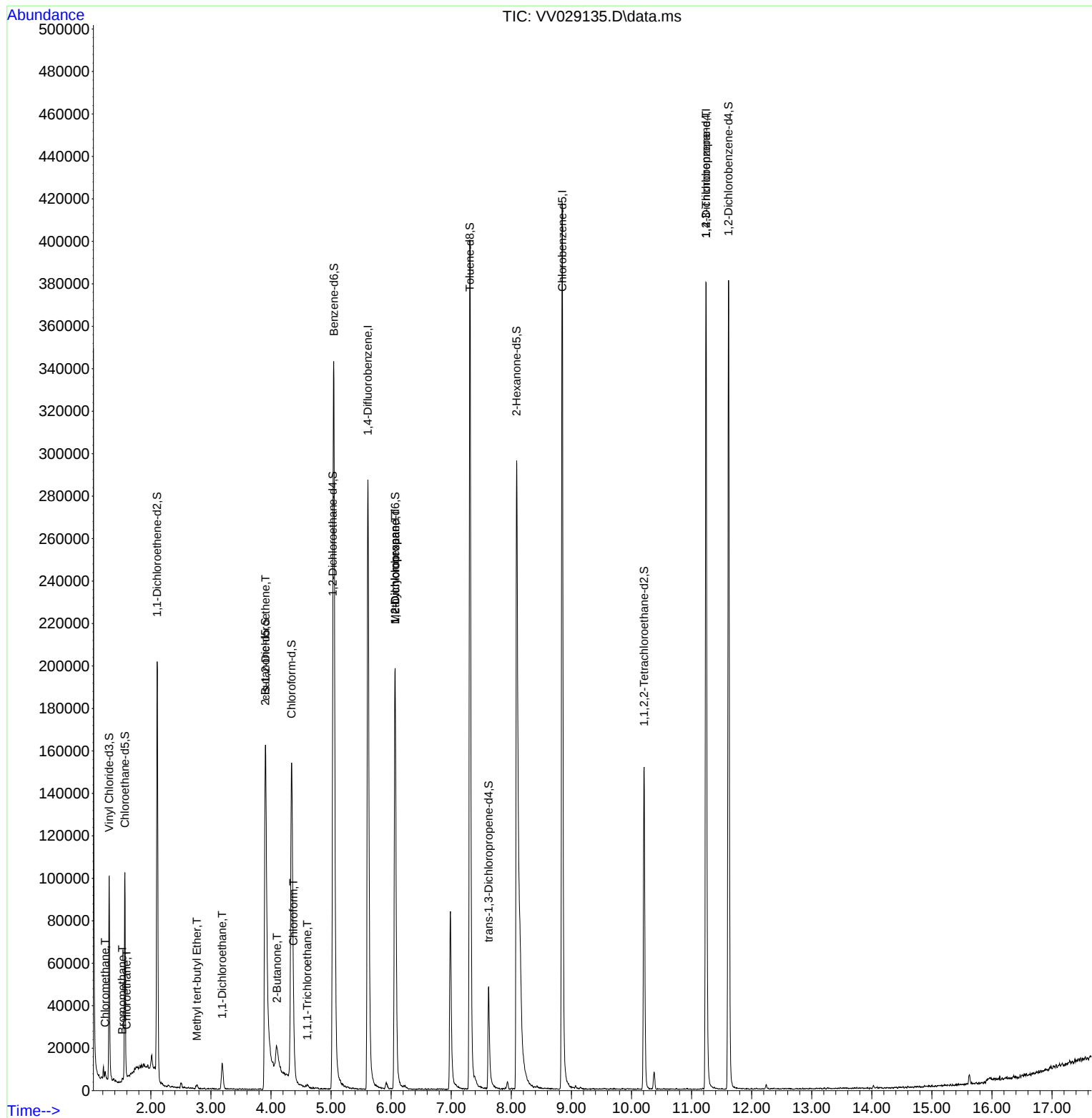
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	266719	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	247471	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	107987	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	67638	4.160	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.200%
7) Chloroethane-d5	1.568	69	62709	4.387	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.800%
11) 1,1-Dichloroethene-d2	2.105	63	97399	3.287	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.800%
20) 2-Butanone-d5	3.905	46	127782	46.945	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.900%
24) Chloroform-d	4.343	84	162203	4.859	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.200%
26) 1,2-Dichloroethane-d4	5.027	65	77261	5.144	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.800%
32) Benzene-d6	5.047	84	328443	4.446	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.000%
36) 1,2-Dichloropropane-d6	6.066	67	105510	5.115	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.400%
41) Toluene-d8	7.310	98	282939	4.255	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.200%
43) trans-1,3-Dichloroprop...	7.622	79	32324	4.805	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.000%
46) 2-Hexanone-d5	8.088	63	153367	53.410	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.820%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	79196	5.538	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.800%
66) 1,2-Dichlorobenzene-d4	11.616	152	107003	5.538	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.800%
Target Compounds						Qvalue
3) Chloromethane	1.240	50	2310	0.125	ug/L	92
6) Bromomethane	1.523	94	794	0.063	ug/L	75
8) Chloroethane	1.597	64	6237	0.504	ug/L #	51
17) Methyl tert-butyl Ether	2.764	73	1169	0.034	ug/L #	76
19) 1,1-Dichloroethane	3.185	63	12648	0.413	ug/L	95
21) 2-Butanone	4.098	43	26666	9.837	ug/L #	55
22) cis-1,2-Dichloroethene	3.909	96	70304	3.693	ug/L	99
25) Chloroform	4.375	83	13048	0.407	ug/L	99
29) 1,1,1-Trichloroethane	4.603	97	888	0.031	ug/L #	78
35) Methylcyclohexane	6.066	83	25421	0.747	ug/L #	21
37) 1,2-Dichloropropane	6.066	63	10890	0.624	ug/L #	85
61) 1,2,3-Trichloropropane	11.239	75	12160	1.648	ug/L #	66

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

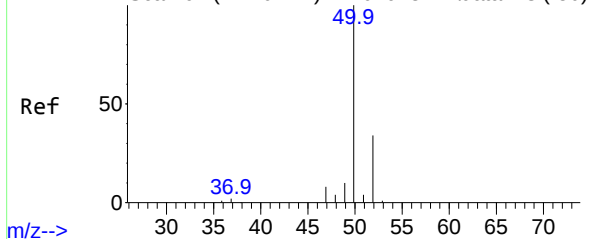
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111822\
Data File : VV029135.D
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Nov 18 04:35:43 2022
Response via : Initial Calibration



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



#3

Chloromethane

Concen: 0.125 ug/L

RT: 1.240 min Scan# 61

Delta R.T. 0.000 min

Lab File: VV029135.D

Acq: 18 Nov 2022 22:46

Instrument :

MSVOA_V

ClientSampleId :

BGCF6

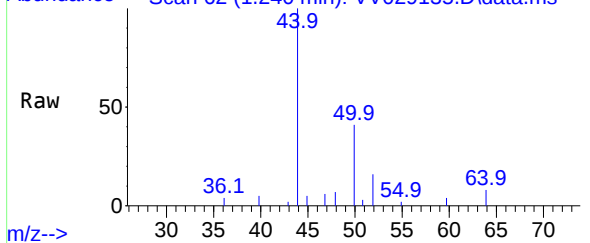
Tgt Ion: 50 Resp: 2310

Ion Ratio Lower Upper

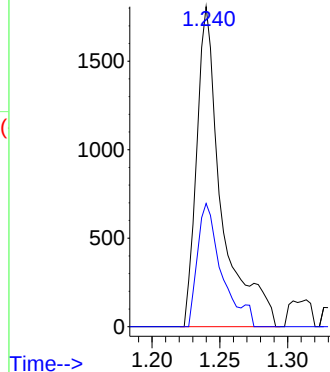
50 100

52 38.5 23.7 43.9

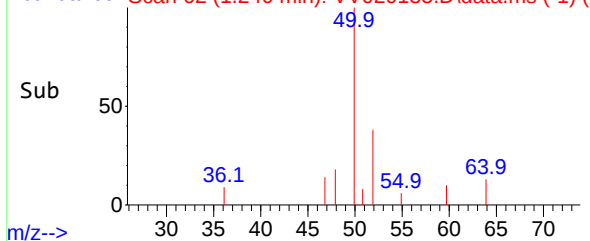
Abundance Scan 62 (1.240 min): VV029135.D\data.ms



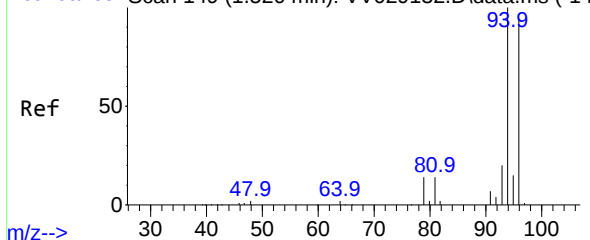
Abundance



Abundance Scan 62 (1.240 min): VV029135.D\data.ms (-1)



Abundance Scan 149 (1.520 min): VV029132.D\data.ms (-14)



#6

Bromomethane

Concen: 0.063 ug/L

RT: 1.523 min Scan# 150

Delta R.T. 0.000 min

Lab File: VV029135.D

Acq: 18 Nov 2022 22:46

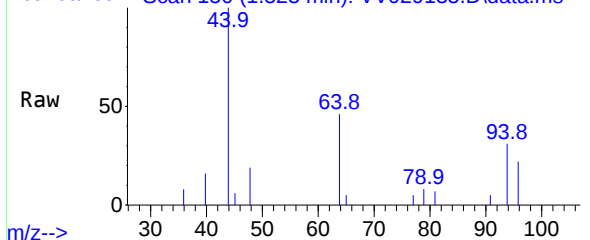
Tgt Ion: 94 Resp: 794

Ion Ratio Lower Upper

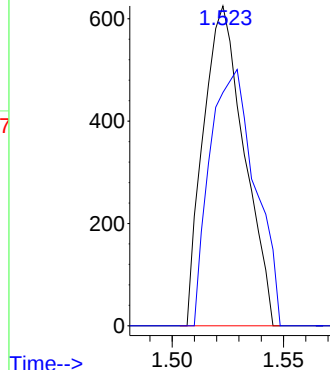
94 100

96 73.0 68.5 127.3

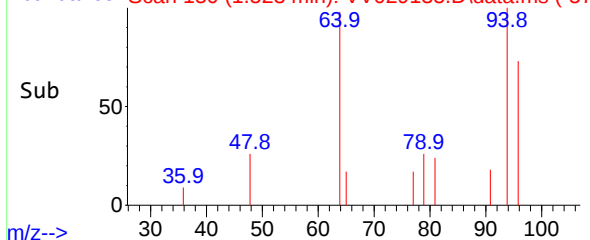
Abundance Scan 150 (1.523 min): VV029135.D\data.ms

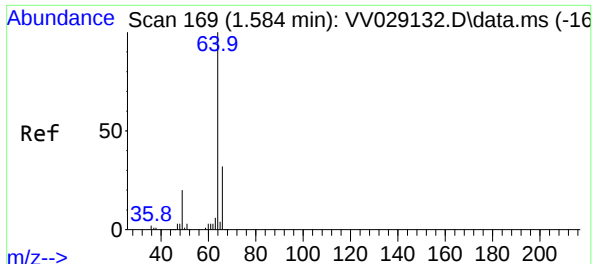


Abundance



Abundance Scan 150 (1.523 min): VV029135.D\data.ms (-57)

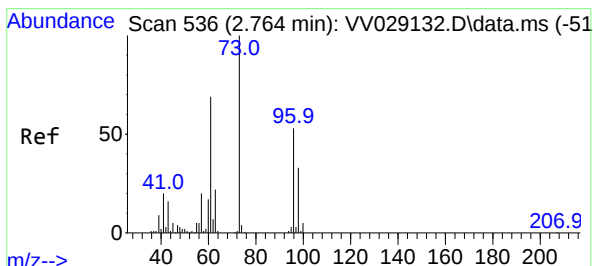
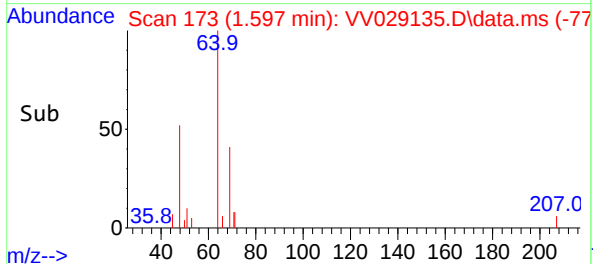
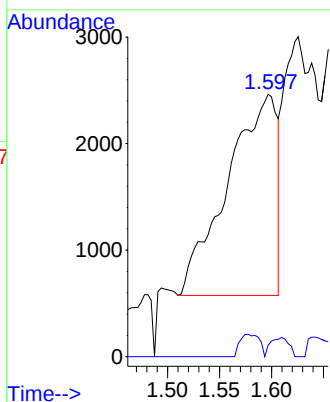
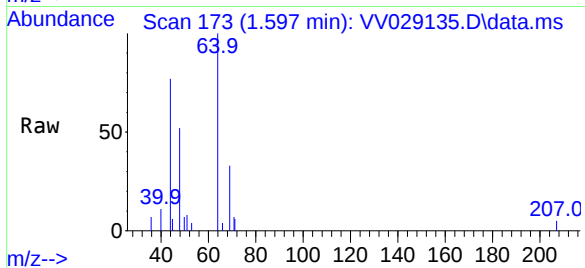




#8
Chloroethane
Concen: 0.504 ug/L
RT: 1.597 min Scan# 11
Delta R.T. 0.010 min
Lab File: VV029135.D
Acq: 18 Nov 2022 22:46

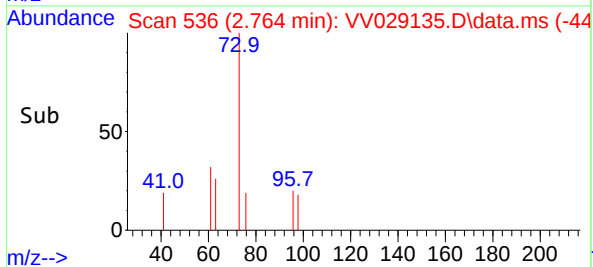
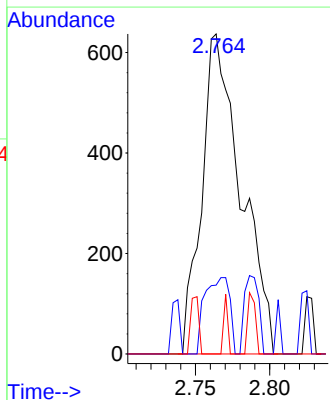
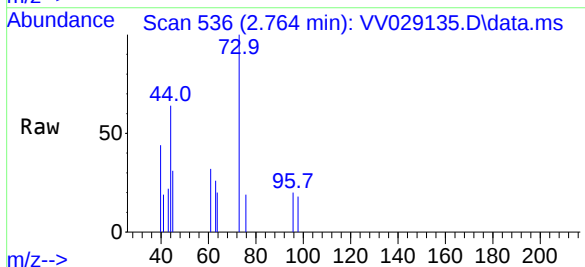
Instrument :
MSVOA_V
ClientSampleId :
BGCF6

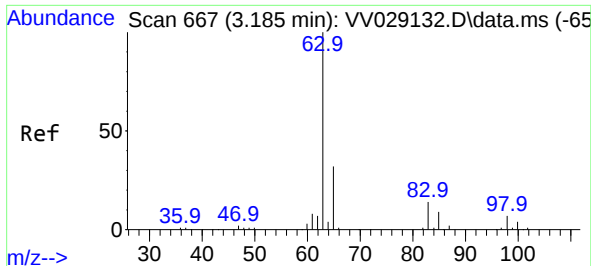
Tgt Ion: 64 Resp: 6237
Ion Ratio Lower Upper
64 100
66 4.4 22.0 40.8#



#17
Methyl tert-butyl Ether
Concen: 0.034 ug/L
RT: 2.764 min Scan# 536
Delta R.T. -0.003 min
Lab File: VV029135.D
Acq: 18 Nov 2022 22:46

Tgt Ion: 73 Resp: 1169
Ion Ratio Lower Upper
73 100
43 15.1 13.0 19.4
57 2.0 16.6 24.8#

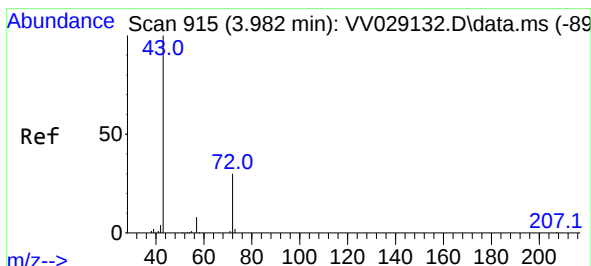
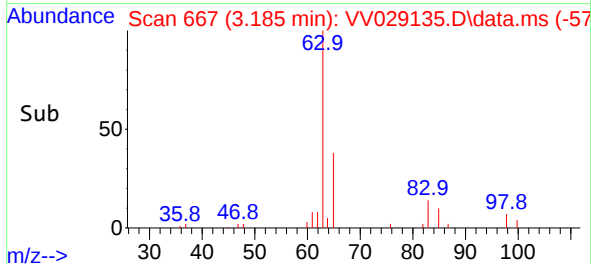
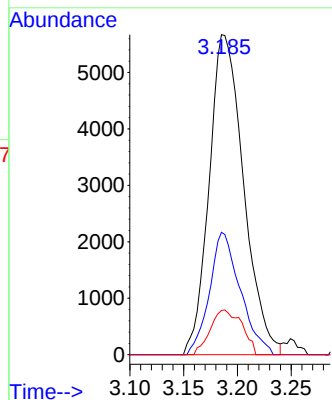
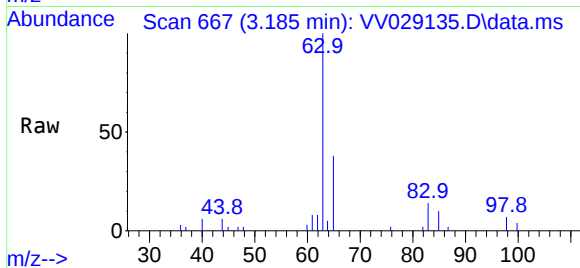




#19
1,1-Dichloroethane
Concen: 0.413 ug/L
RT: 3.185 min Scan# 61
Delta R.T. -0.003 min
Lab File: VV029135.D
Acq: 18 Nov 2022 22:46

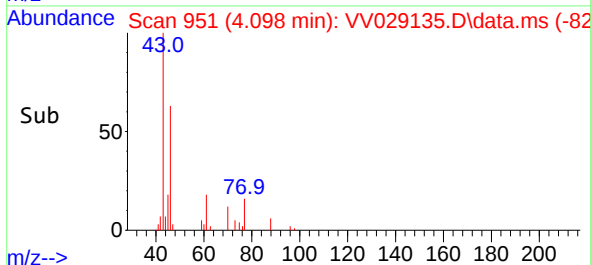
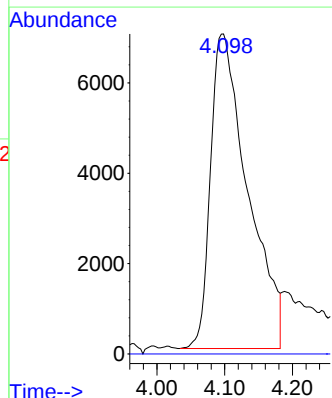
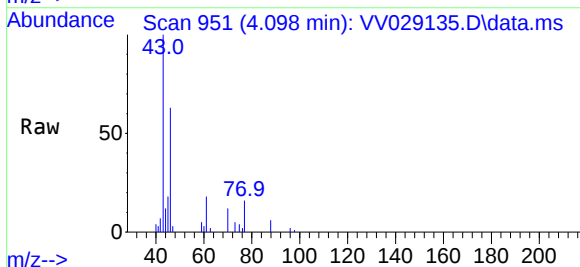
Instrument :
MSVOA_V
ClientSampleId :
BGCF6

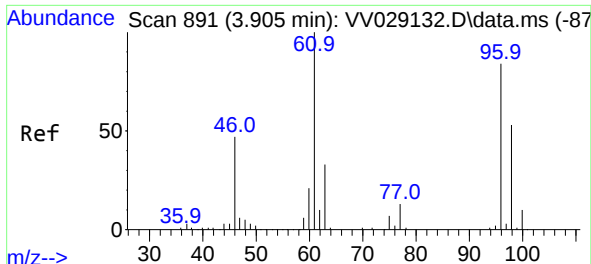
Tgt Ion:	63	Resp:	12648
Ion	Ratio	Lower	Upper
63	100		
65	36.4	23.0	42.6
83	13.1	9.4	17.6



#21
2-Butanone
Concen: 9.837 ug/L
RT: 4.098 min Scan# 951
Delta R.T. 0.113 min
Lab File: VV029135.D
Acq: 18 Nov 2022 22:46

Tgt Ion:	43	Resp:	26666
Ion	Ratio	Lower	Upper
43	100		
72	1.5	11.9	35.9#

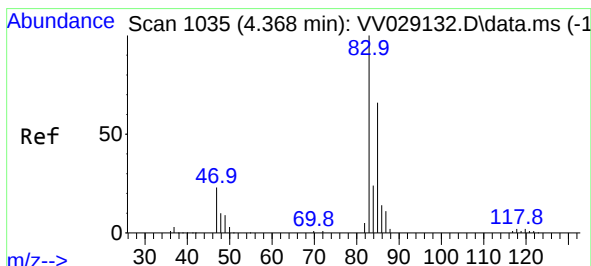
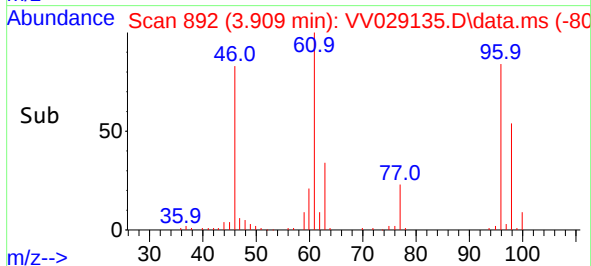
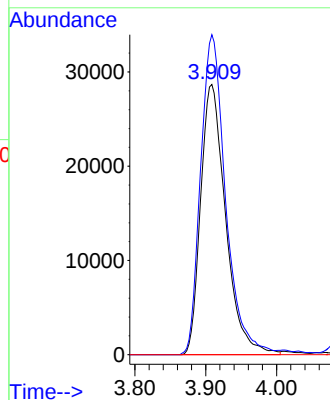
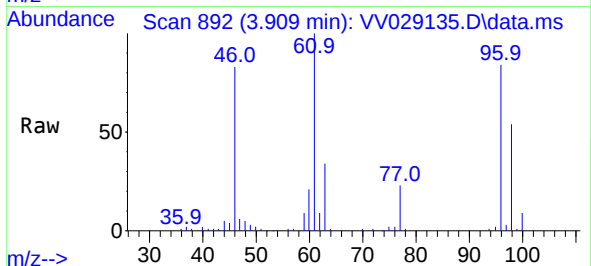




#22
cis-1,2-Dichloroethene
Concen: 3.693 ug/L
RT: 3.909 min Scan# 891
Delta R.T. -0.003 min
Lab File: VV029135.D
Acq: 18 Nov 2022 22:46

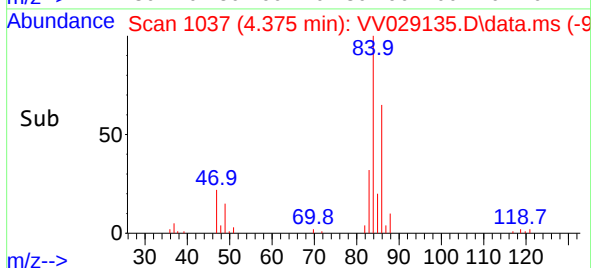
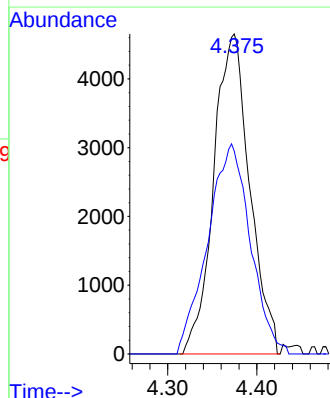
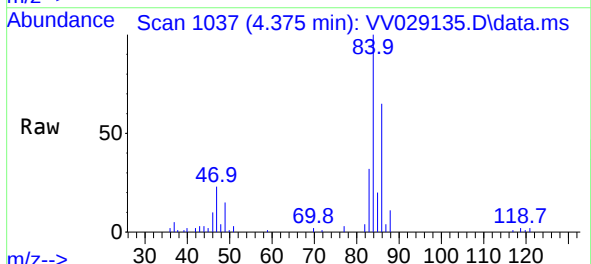
Instrument :
MSVOA_V
ClientSampleId :
BGCF6

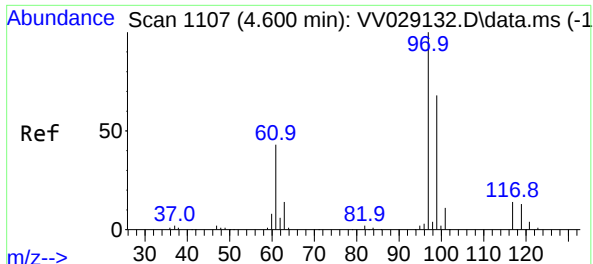
Tgt Ion: 96 Resp: 70304
Ion Ratio Lower Upper
96 100
61 118.4 82.3 152.9
68 0.0 0.0 0.0



#25
Chloroform
Concen: 0.407 ug/L
RT: 4.375 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VV029135.D
Acq: 18 Nov 2022 22:46

Tgt Ion: 83 Resp: 13048
Ion Ratio Lower Upper
83 100
85 63.4 43.7 81.1





#29

1,1,1-Trichloroethane

Concen: 0.031 ug/L

RT: 4.603 min Scan# 1107

Delta R.T. -0.003 min

Lab File: VV029135.D

Acq: 18 Nov 2022 22:46

Instrument :

MSVOA_V

ClientSampleId :

BGCF6

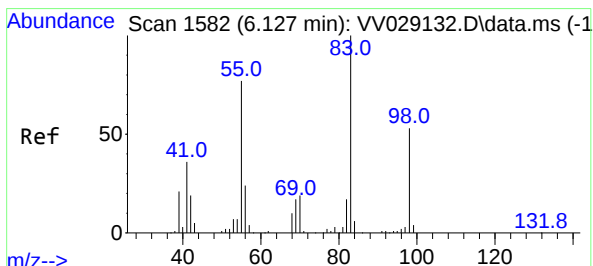
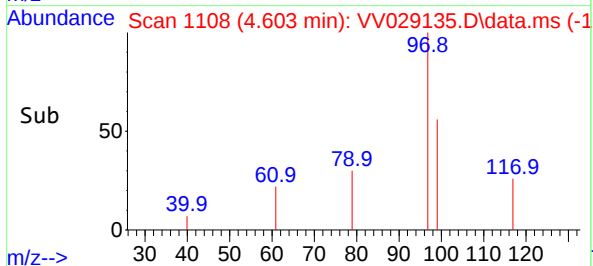
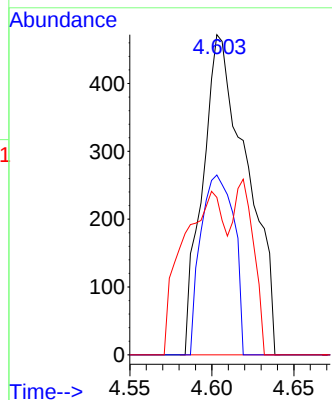
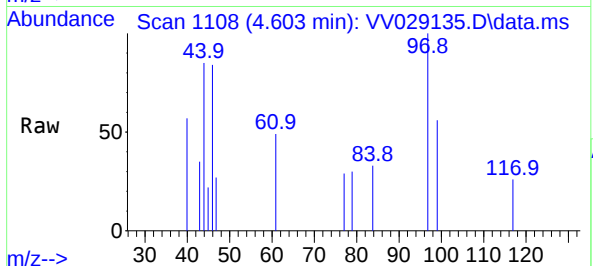
Tgt Ion: 97 Resp: 888

Ion Ratio Lower Upper

97 100

99 41.9 52.7 79.1#

61 48.5 33.8 50.6



#35

Methylcyclohexane

Concen: 0.747 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.064 min

Lab File: VV029135.D

Acq: 18 Nov 2022 22:46

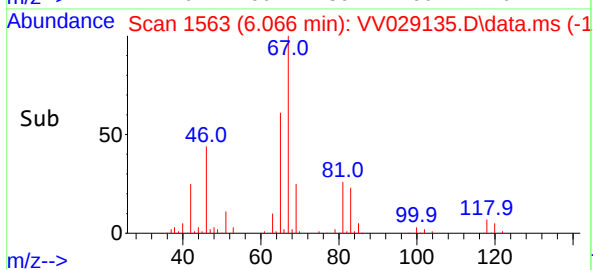
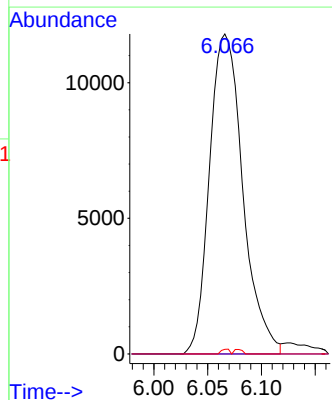
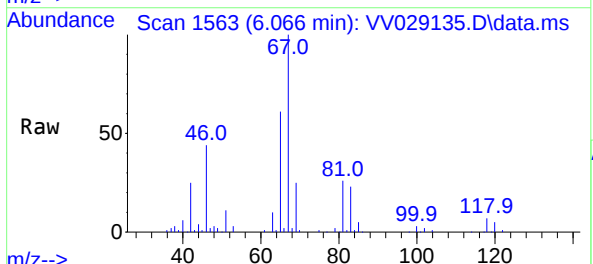
Tgt Ion: 83 Resp: 25421

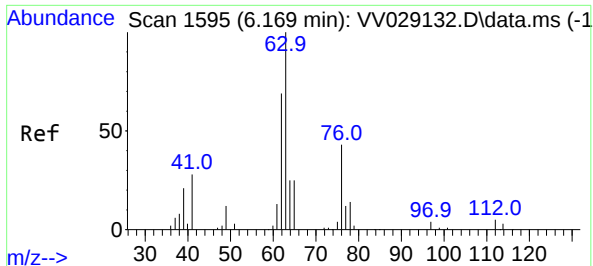
Ion Ratio Lower Upper

83 100

55 0.0 55.8 83.6#

98 0.4 38.2 57.2#

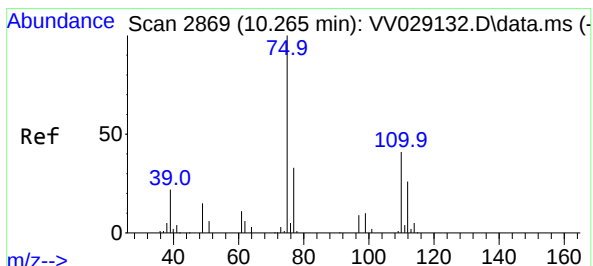
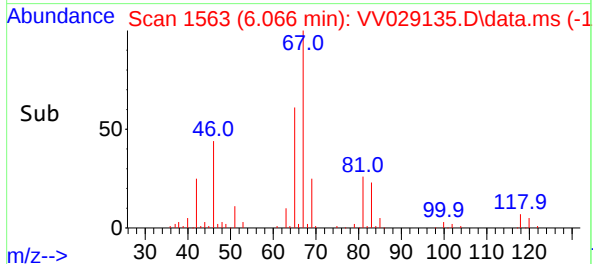
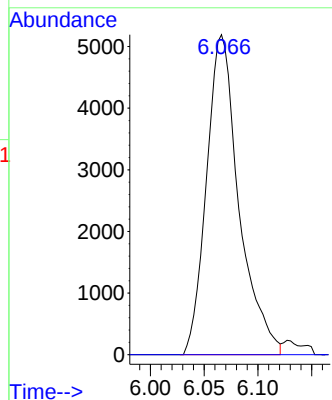
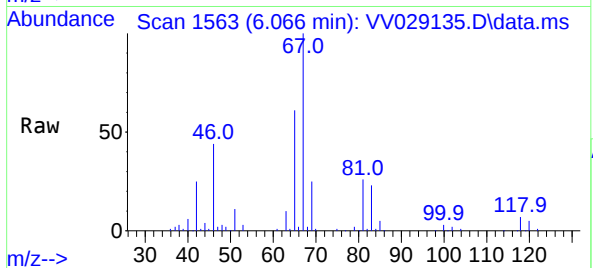




#37
1,2-Dichloropropane
Concen: 0.624 ug/L
RT: 6.066 min Scan# 11
Delta R.T. -0.106 min
Lab File: VV029135.D
Acq: 18 Nov 2022 22:46

Instrument :
MSVOA_V
ClientSampleId :
BGCF6

Tgt Ion: 63 Resp: 10890
Ion Ratio Lower Upper
63 100
112 0.2 4.0 6.0#



#61
1,2,3-Trichloropropane
Concen: 1.648 ug/L
RT: 11.239 min Scan# 3172
Delta R.T. 0.971 min
Lab File: VV029135.D
Acq: 18 Nov 2022 22:46

Tgt Ion: 75 Resp: 12160
Ion Ratio Lower Upper
75 100
77 33.4 26.2 39.2
110 2.6 32.6 48.8#

