

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111822\
 Data File : VW029143.D
 Acq On : 19 Nov 2022 02:02
 Operator : SY/MD
 Sample : M5688-18
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BGCG8

Quant Time: Nov 19 03:11:42 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)

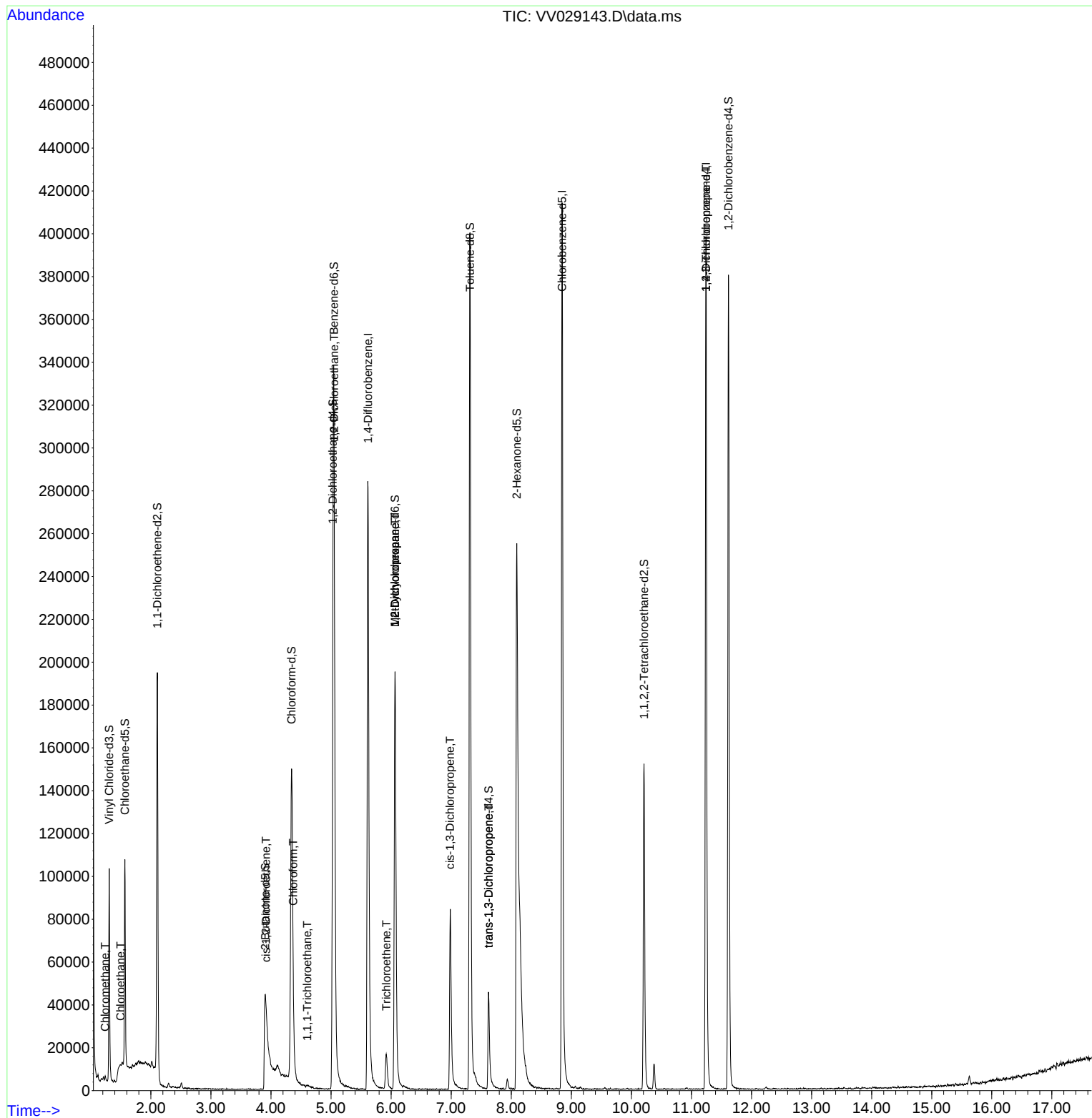
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	269831	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	252802	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	115275	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	66531	4.044	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.800%
7) Chloroethane-d5	1.568	69	63541	4.394	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.800%
11) 1,1-Dichloroethene-d2	2.108	63	95530	3.187	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.800%
20) 2-Butanone-d5	3.905	46	118176	42.915	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.840%
24) Chloroform-d	4.342	84	160185	4.743	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.800%
26) 1,2-Dichloroethane-d4	5.030	65	79576	5.237	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.800%
32) Benzene-d6	5.047	84	329909	4.372	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.400%
36) 1,2-Dichloropropane-d6	6.066	67	106256	5.043	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.800%
41) Toluene-d8	7.313	98	285867	4.209	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.200%
43) trans-1,3-Dichloroprop...	7.622	79	30537	4.444	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.800%
46) 2-Hexanone-d5	8.091	63	147967	50.443	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.880%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	80289	5.496	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.000%
66) 1,2-Dichlorobenzene-d4	11.615	152	107400	5.208	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.200%
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	1391	0.075	ug/L	89
8) Chloroethane	1.497	64	16634	1.329	ug/L #	54
22) cis-1,2-Dichloroethene	3.918	96	1092	0.057	ug/L	74
25) Chloroform	4.368	83	9828	0.303	ug/L	91
27) 1,2-Dichloroethane	5.053	62	1731	0.104	ug/L #	70
29) 1,1,1-Trichloroethane	4.606	97	527	0.018	ug/L #	58
34) Trichloroethene	5.921	95	6661	0.337	ug/L	90
35) Methylcyclohexane	6.066	83	24175	0.696	ug/L #	21
37) 1,2-Dichloropropane	6.066	63	11192	0.628	ug/L #	87
39) cis-1,3-Dichloropropene	6.982	75	2236	0.090	ug/L #	77
44) trans-1,3-Dichloropropene	7.622	75	1480	0.077	ug/L	97
61) 1,2,3-Trichloropropane	11.242	75	12944	1.643	ug/L #	64

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

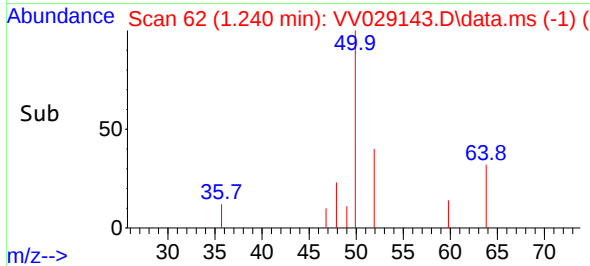
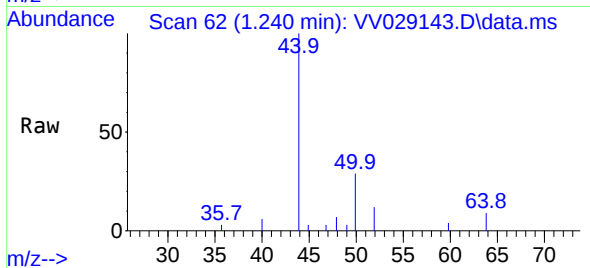
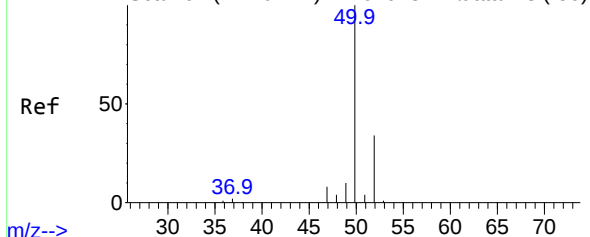
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111822\
Data File : VV029143.D
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Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Nov 18 04:35:43 2022
Response via : Initial Calibration



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



#3

Chloromethane

Concen: 0.075 ug/L

RT: 1.240 min Scan# 61

Delta R.T. -0.000 min

Lab File: VV029143.D

Acq: 19 Nov 2022 02:02

Instrument :

MSVOA_V

ClientSampleId :

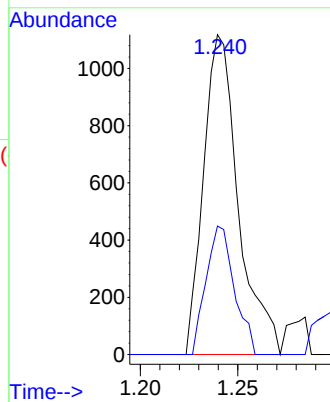
BGCG8

Tgt Ion: 50 Resp: 1391

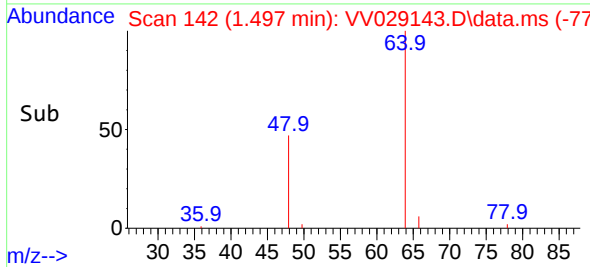
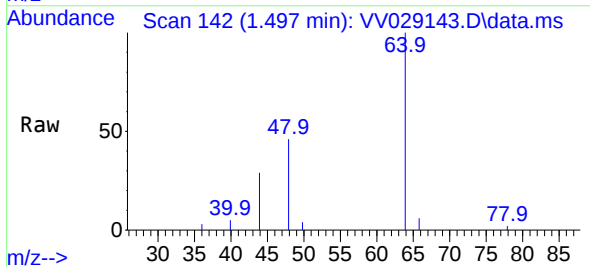
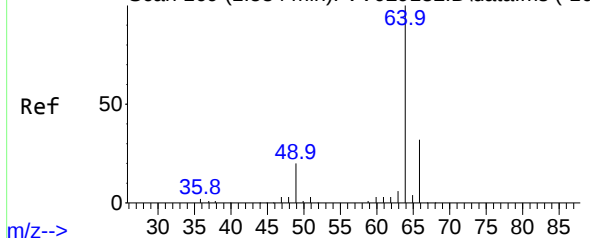
Ion Ratio Lower Upper

50 100

52 40.2 23.7 43.9



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



#8

Chloroethane

Concen: 1.329 ug/L

RT: 1.497 min Scan# 142

Delta R.T. -0.090 min

Lab File: VV029143.D

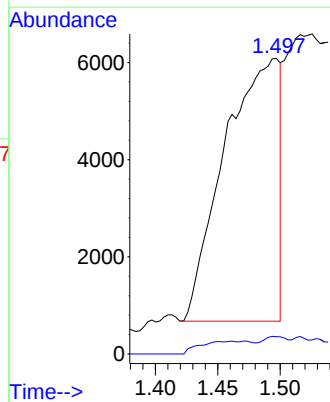
Acq: 19 Nov 2022 02:02

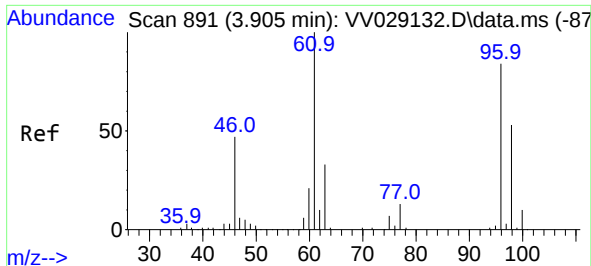
Tgt Ion: 64 Resp: 16634

Ion Ratio Lower Upper

64 100

66 5.8 22.0 40.8#

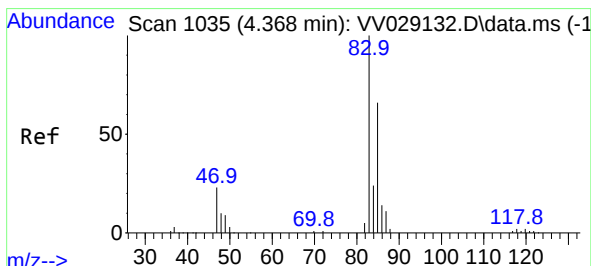
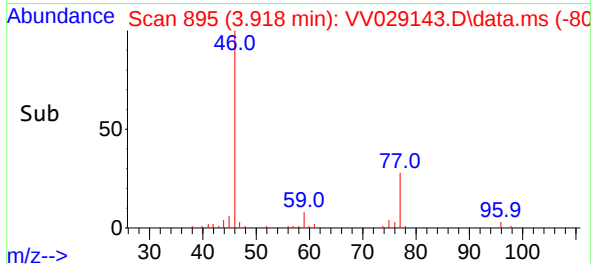
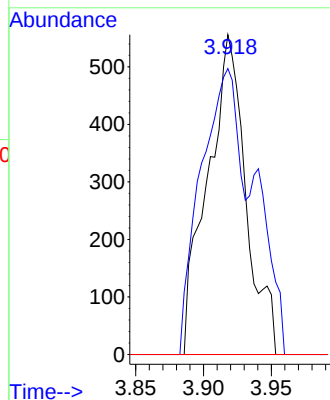
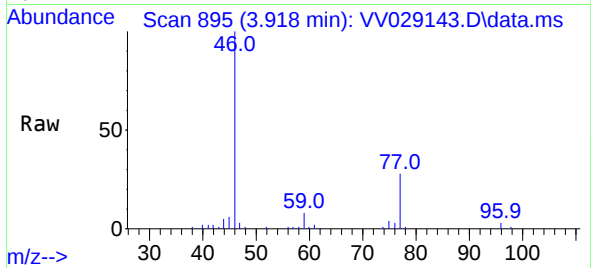




#22
 cis-1,2-Dichloroethene
 Concen: 0.057 ug/L
 RT: 3.918 min Scan# 891
 Delta R.T. 0.006 min
 Lab File: VV029143.D
 Acq: 19 Nov 2022 02:02

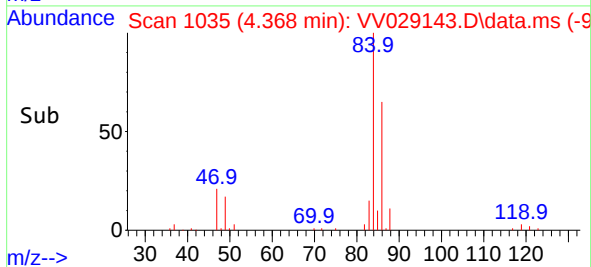
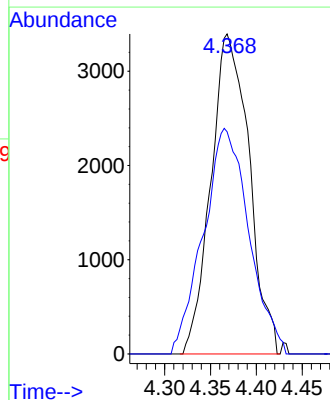
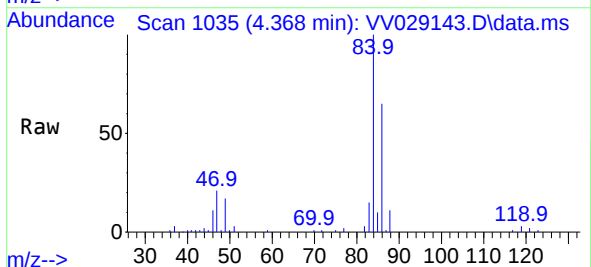
Instrument :
 MSVOA_V
 ClientSampleId :
 BGCG8

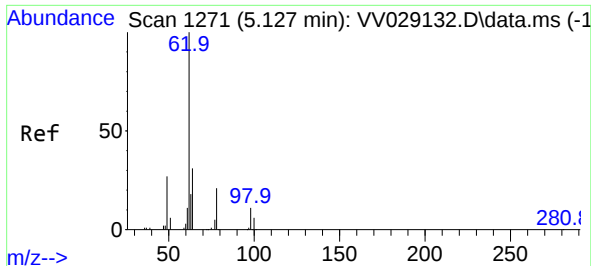
Tgt Ion: 96 Resp: 1092
 Ion Ratio Lower Upper
 96 100
 61 89.4 82.3 152.9
 68 0.0 0.0 0.0



#25
 Chloroform
 Concen: 0.303 ug/L
 RT: 4.368 min Scan# 1035
 Delta R.T. -0.007 min
 Lab File: VV029143.D
 Acq: 19 Nov 2022 02:02

Tgt Ion: 83 Resp: 9828
 Ion Ratio Lower Upper
 83 100
 85 69.4 43.7 81.1

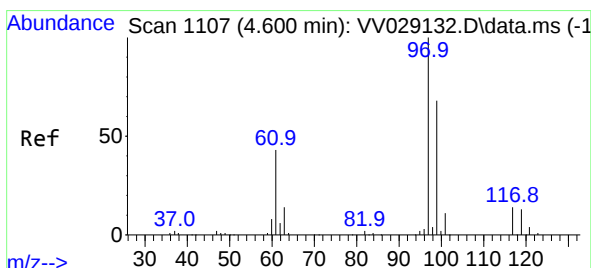
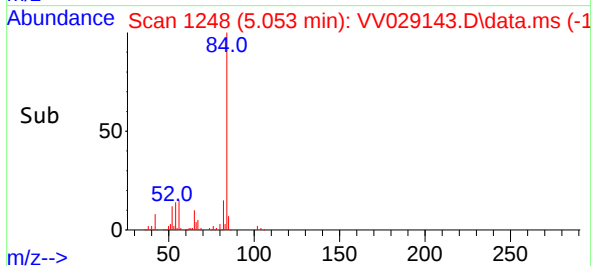
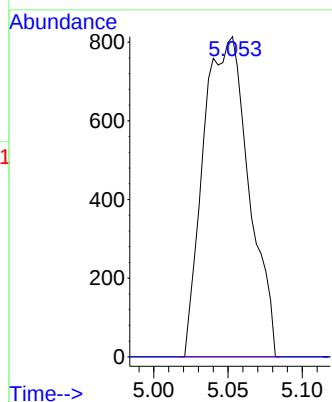
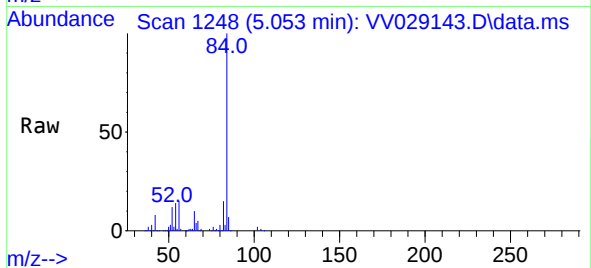




#27
1,2-Dichloroethane
Concen: 0.104 ug/L
RT: 5.053 min Scan# 1109
Delta R.T. -0.081 min
Lab File: VV029143.D
Acq: 19 Nov 2022 02:02

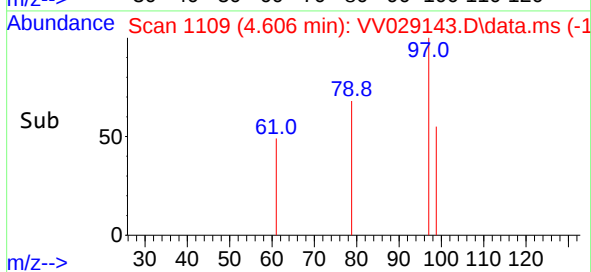
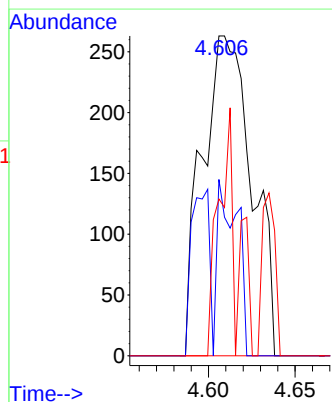
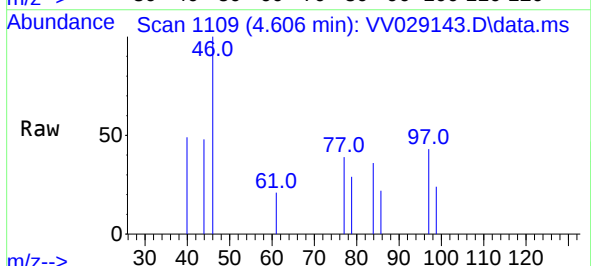
Instrument :
MSVOA_V
ClientSampleId :
BGC8

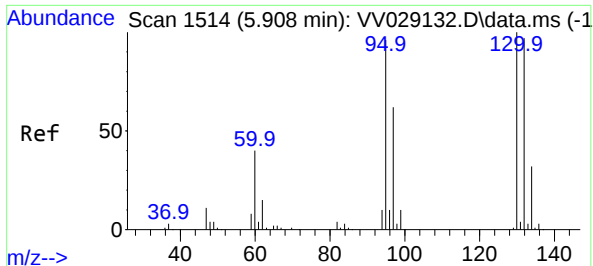
Tgt Ion: 62 Resp: 1731
Ion Ratio Lower Upper
62 100
98 0.0 9.0 13.6#



#29
1,1,1-Trichloroethane
Concen: 0.018 ug/L
RT: 4.606 min Scan# 1109
Delta R.T. -0.000 min
Lab File: VV029143.D
Acq: 19 Nov 2022 02:02

Tgt Ion: 97 Resp: 527
Ion Ratio Lower Upper
97 100
99 22.0 52.7 79.1#
61 29.0 33.8 50.6#





#34

Trichloroethene

Concen: 0.337 ug/L

RT: 5.921 min Scan# 1

Delta R.T. 0.006 min

Lab File: VV029143.D

Acq: 19 Nov 2022 02:02

Instrument :

MSVOA_V

ClientSampleId :

BGCG8

Tgt Ion: 95 Resp: 6661

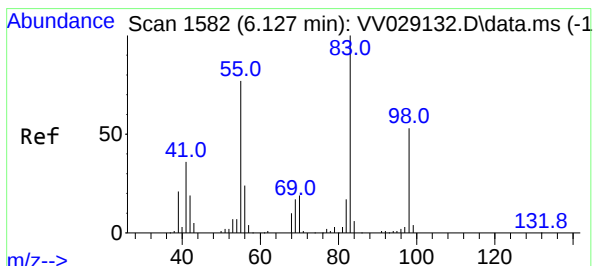
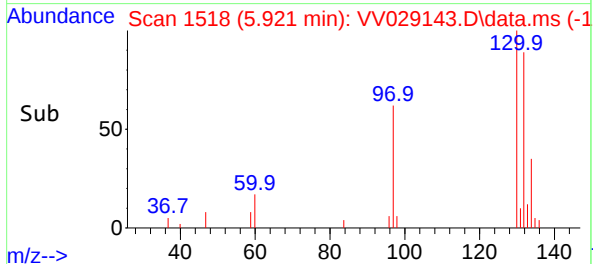
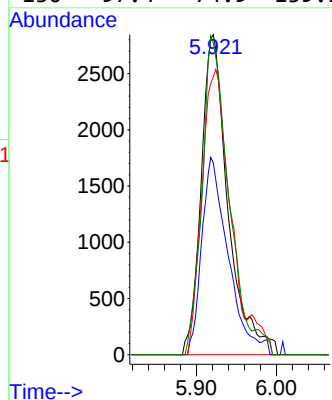
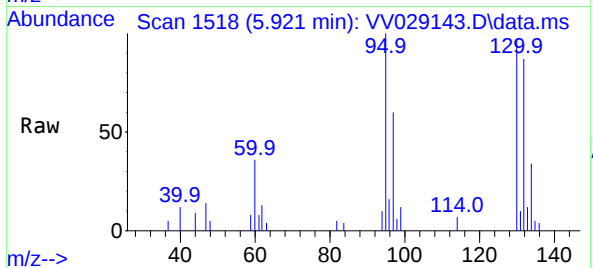
Ion Ratio Lower Upper

95 100

97 59.9 45.6 84.8

132 86.9 69.1 128.3

130 97.4 74.9 139.1



#35

Methylcyclohexane

Concen: 0.696 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.065 min

Lab File: VV029143.D

Acq: 19 Nov 2022 02:02

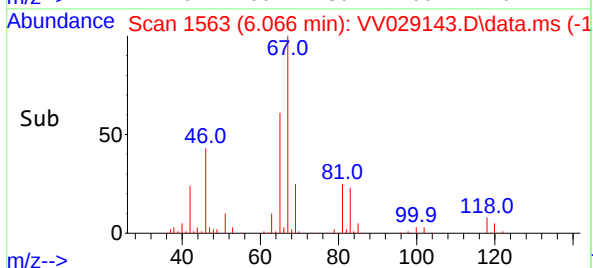
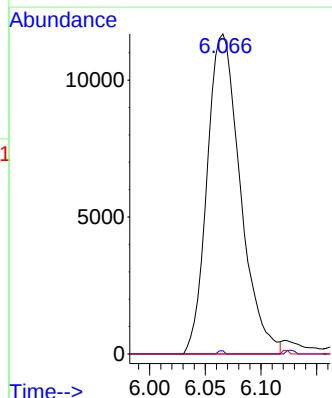
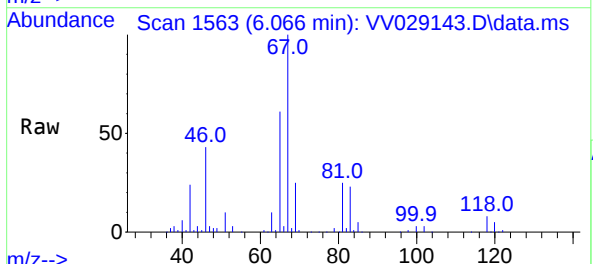
Tgt Ion: 83 Resp: 24175

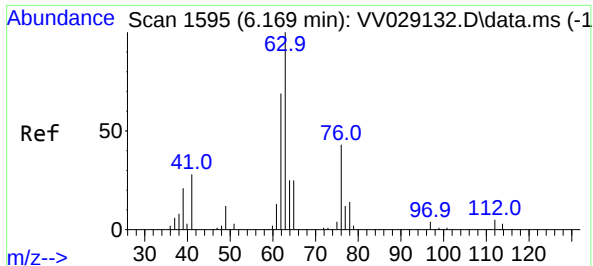
Ion Ratio Lower Upper

83 100

55 0.2 55.8 83.6#

98 0.8 38.2 57.2#

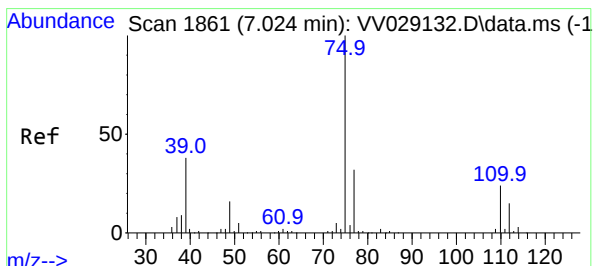
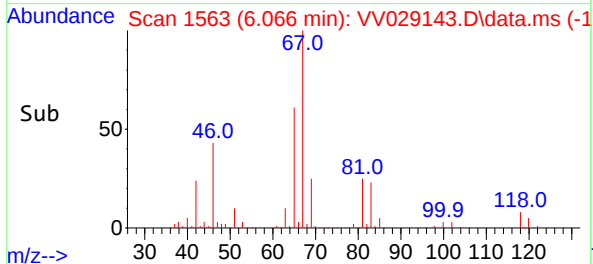
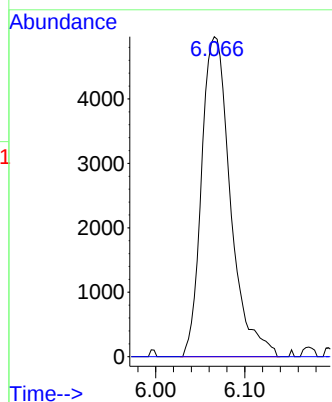
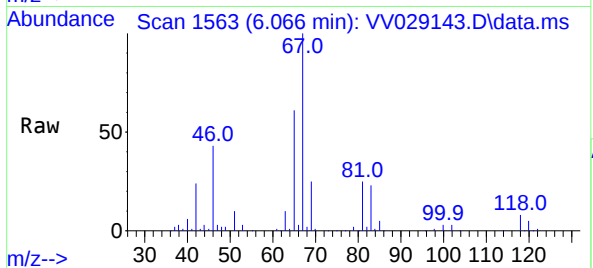




#37
1,2-Dichloropropane
Concen: 0.628 ug/L
RT: 6.066 min Scan# 11
Delta R.T. -0.106 min
Lab File: VV029143.D
Acq: 19 Nov 2022 02:02

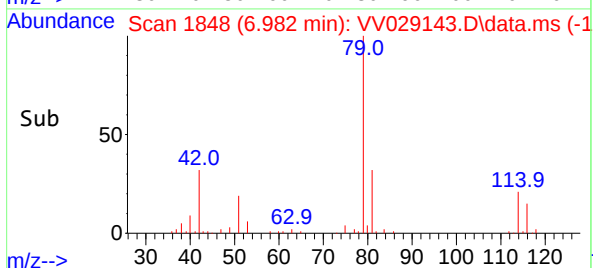
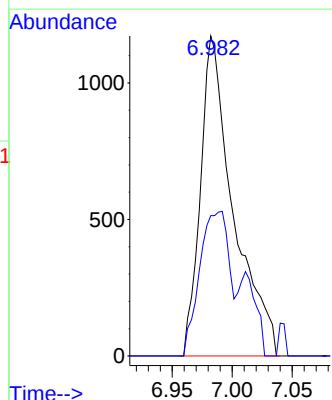
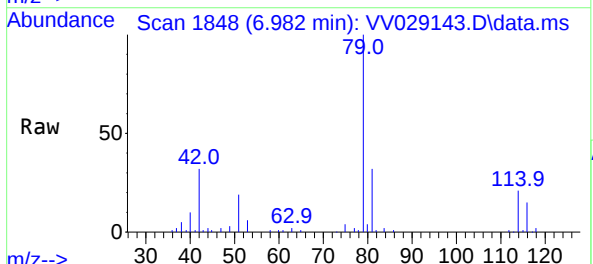
Instrument :
MSVOA_V
ClientSampleId :
BGC8

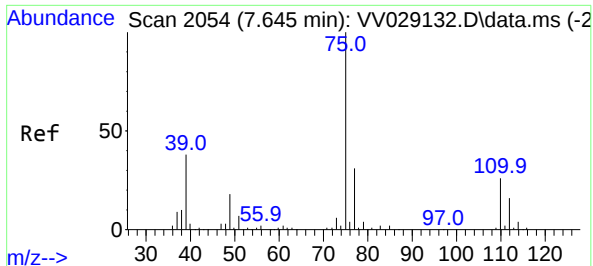
Tgt Ion: 63 Resp: 11192
Ion Ratio Lower Upper
63 100
112 0.8 4.0 6.0#



#39
cis-1,3-Dichloropropene
Concen: 0.090 ug/L
RT: 6.982 min Scan# 1848
Delta R.T. -0.045 min
Lab File: VV029143.D
Acq: 19 Nov 2022 02:02

Tgt Ion: 75 Resp: 2236
Ion Ratio Lower Upper
75 100
77 43.9 21.8 40.6#

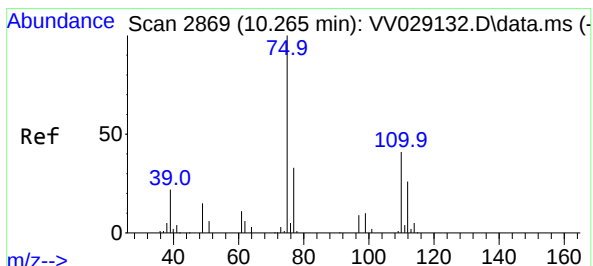
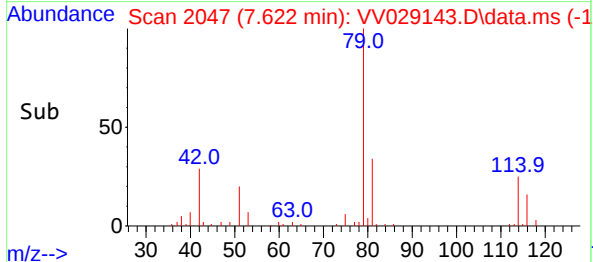
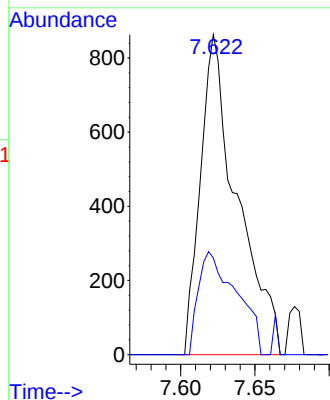
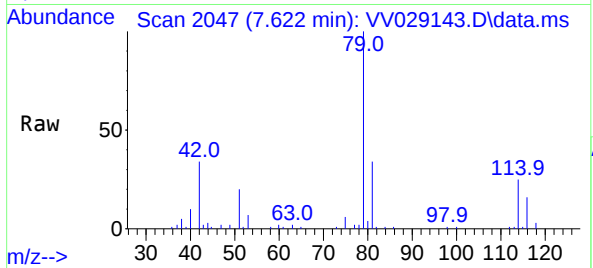




#44
trans-1,3-Dichloropropene
Concen: 0.077 ug/L
RT: 7.622 min Scan# 2054
Delta R.T. -0.029 min
Lab File: VV029143.D
Acq: 19 Nov 2022 02:02

Instrument : MSVOA_V
ClientSampleId : BGCG8

Tgt Ion: 75 Resp: 1480
Ion Ratio Lower Upper
75 100
77 30.2 22.2 41.2



#61
1,2,3-Trichloropropane
Concen: 1.643 ug/L
RT: 11.242 min Scan# 3173
Delta R.T. 0.974 min
Lab File: VV029143.D
Acq: 19 Nov 2022 02:02

Tgt Ion: 75 Resp: 12944
Ion Ratio Lower Upper
75 100
77 31.6 26.2 39.2
110 1.4 32.6 48.8#

