

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082423\
 Data File : VV031898.D
 Acq On : 24 Aug 2023 10:12
 Operator : SY/MD
 Sample : 04115-06
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 24 12:44:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR082323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Aug 24 04:46:53 2023
 Response via : Initial Calibration

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

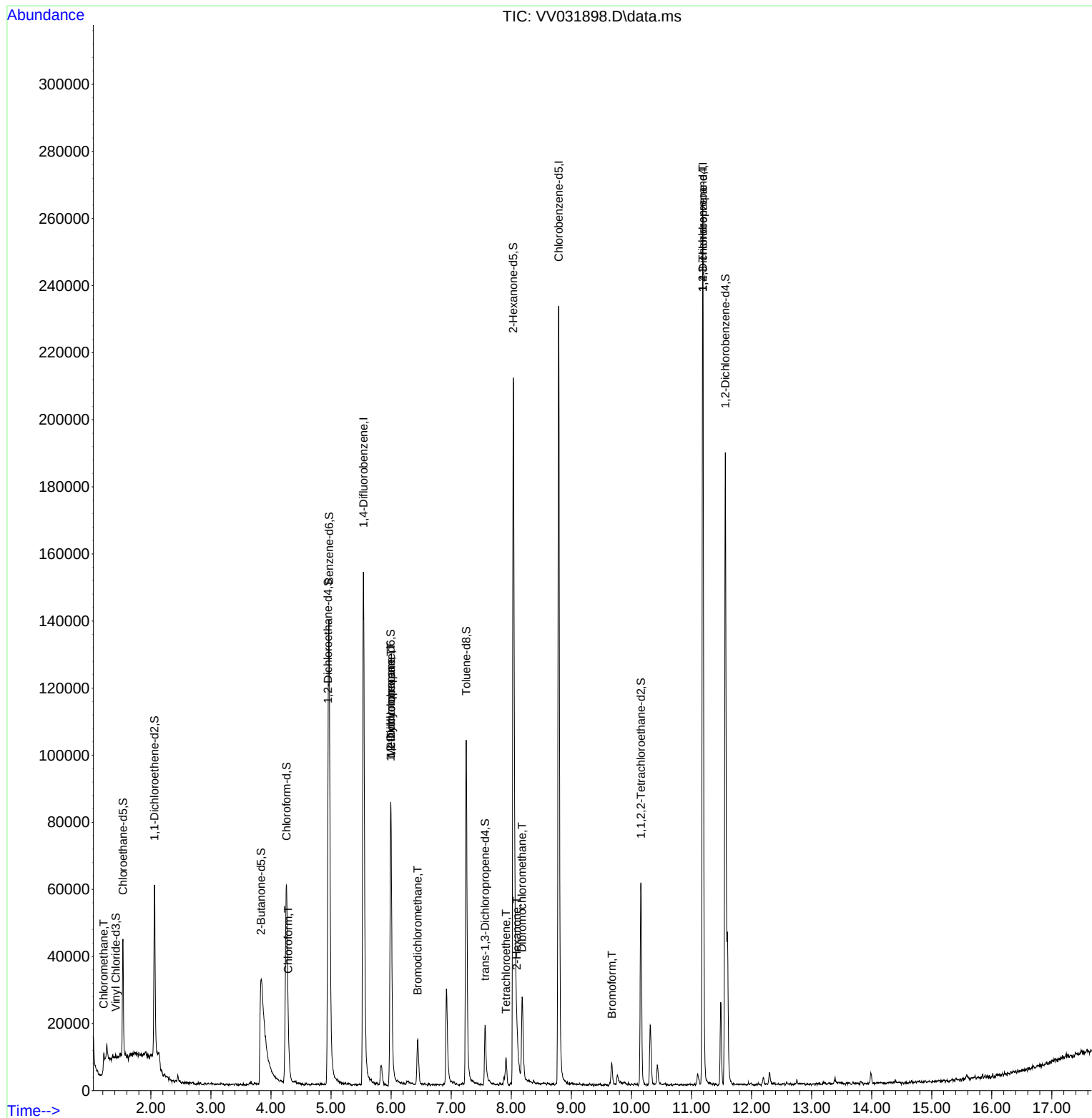
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	134650	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	125825	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	65057	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.417	65	162	0.036	ug/L	0.14
Spiked Amount	5.000	Range	40 - 130	Recovery	=	0.800%#
7) Chloroethane-d5	1.536	69	22301	4.281	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.600%
11) 1,1-Dichloroethene-d2	2.060	65	9120	3.407	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.200%
20) 2-Butanone-d5	3.835	46	117267	53.268	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.540%
24) Chloroform-d	4.256	84	63997	4.158	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.200%
26) 1,2-Dichloroethane-d4	4.950	65	34767	4.384	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.600%
32) Benzene-d6	4.966	84	127554	4.455	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.000%
36) 1,2-Dichloropropane-d6	5.992	67	44358	4.393	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.800%
41) Toluene-d8	7.249	98	70780	2.664	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	53.200%#
43) trans-1,3-Dichloroprop...	7.564	79	11937	3.242	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	64.800%
46) 2-Hexanone-d5	8.034	63	87521	44.587	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.180%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	30908	4.267	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.400%
66) 1,2-Dichlorobenzene-d4	11.564	152	45768	4.344	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.800%
Target Compounds						
3) Chloromethane	1.217	50	1846	0.224	ug/L	100
25) Chloroform	4.288	83	6989	0.485	ug/L	99
35) Methylcyclohexane	5.995	83	10757	0.872	ug/L #	19
37) 1,2-Dichloropropane	5.995	63	4972	0.623	ug/L #	87
38) Bromodichloromethane	6.442	83	10099	0.977	ug/L	100
47) Tetrachloroethene	7.915	164	1808	0.334	ug/L	91
48) 2-Hexanone	8.092	43	10042	2.685	ug/L #	77
49) Dibromochloromethane	8.182	129	11919	2.001	ug/L	96
59) Bromoform	9.674	173	3053	0.993	ug/L	98
61) 1,2,3-Trichloropropane	11.188	75	8778	1.832	ug/L #	69

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

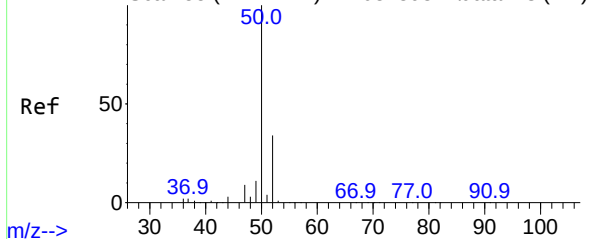
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082423\
Data File : VV031898.D
Acq On : 24 Aug 2023 10:12
Operator : SY/MD
Sample : 04115-06
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Aug 24 12:44:33 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR082323WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Aug 24 04:46:53 2023
Response via : Initial Calibration



Abundance Scan 55 (1.217 min): VV031893.D\data.ms (-47)



#3

Chloromethane

Concen: 0.224 ug/L

RT: 1.217 min Scan# 51

Delta R.T. 0.000 min

Lab File: VV031898.D

Acq: 24 Aug 2023 10:12

Instrument :

MSVOA_V

ClientSampleId :

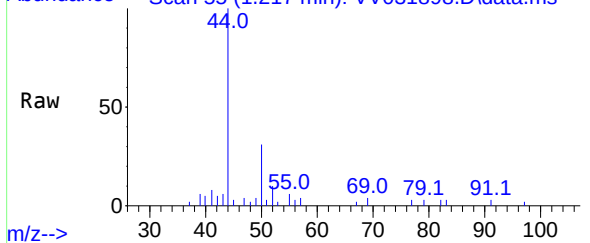
Tgt Ion: 50 Resp: 1846

Ion Ratio Lower Upper

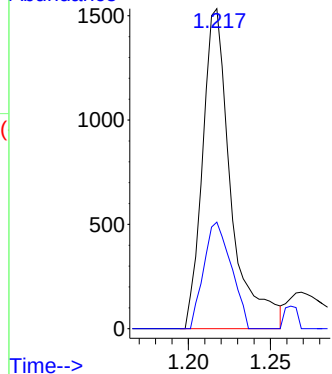
50 100

52 33.3 23.3 43.3

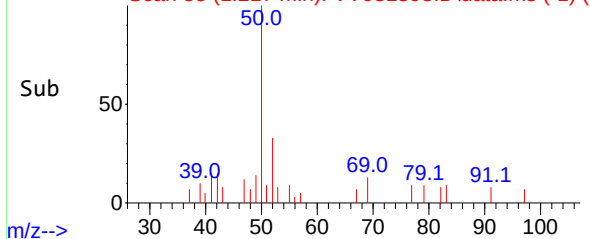
Abundance Scan 55 (1.217 min): VV031898.D\data.ms



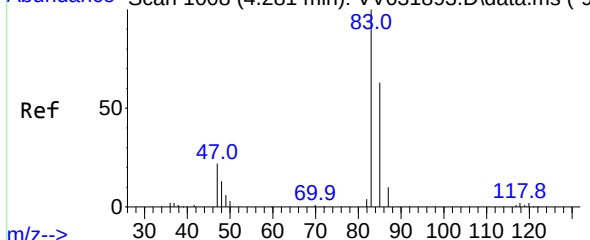
Abundance



Abundance Scan 55 (1.217 min): VV031898.D\data.ms (-1)



Abundance Scan 1008 (4.281 min): VV031893.D\data.ms (-9)



#25

Chloroform

Concen: 0.485 ug/L

RT: 4.288 min Scan# 1010

Delta R.T. 0.007 min

Lab File: VV031898.D

Acq: 24 Aug 2023 10:12

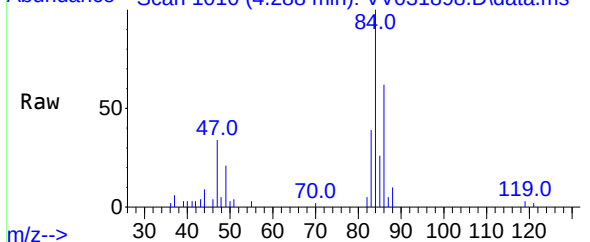
Tgt Ion: 83 Resp: 6989

Ion Ratio Lower Upper

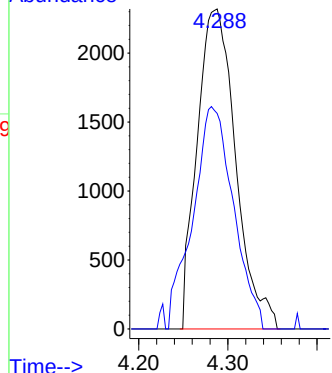
83 100

85 67.3 46.4 86.2

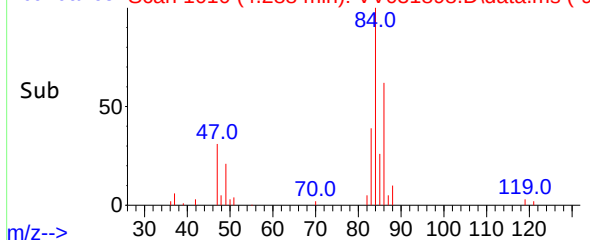
Abundance Scan 1010 (4.288 min): VV031898.D\data.ms

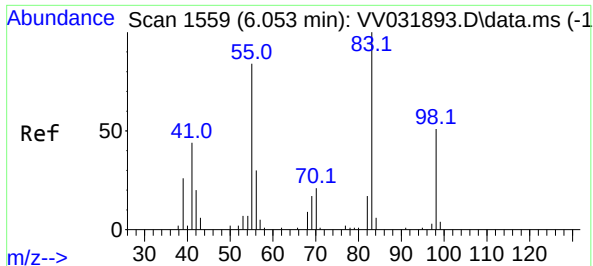


Abundance



Abundance Scan 1010 (4.288 min): VV031898.D\data.ms (-9)





#35

Methylcyclohexane

Concen: 0.872 ug/L

RT: 5.995 min Scan# 1541

Delta R.T. -0.058 min

Lab File: VV031898.D

Acq: 24 Aug 2023 10:12

Instrument :

MSVOA_V

ClientSampleId :

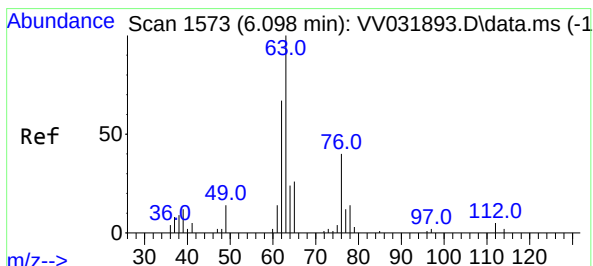
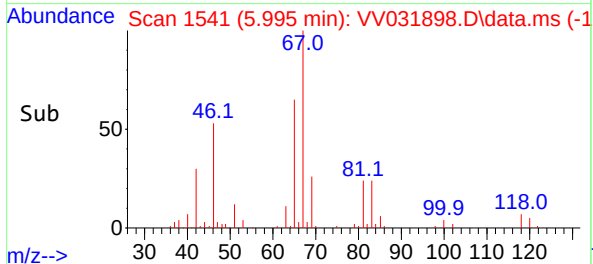
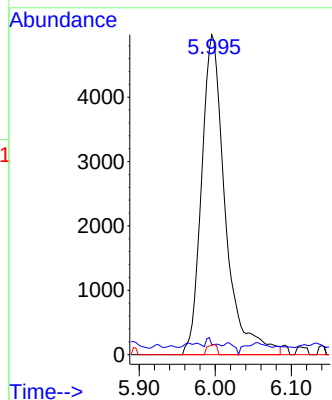
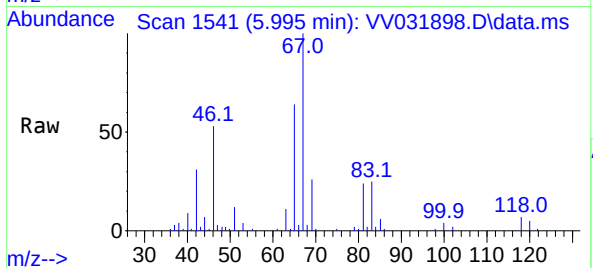
Tgt Ion: 83 Resp: 10757

Ion Ratio Lower Upper

83 100

55 1.3 62.6 94.0#

98 1.3 37.8 56.8#



#37

1,2-Dichloropropane

Concen: 0.623 ug/L

RT: 5.995 min Scan# 1541

Delta R.T. -0.103 min

Lab File: VV031898.D

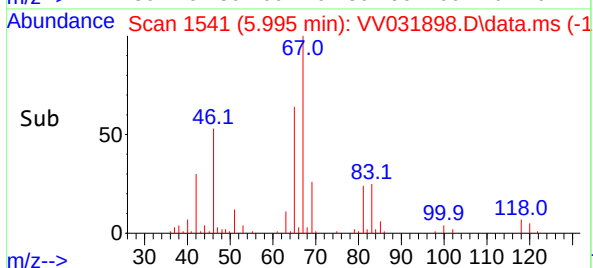
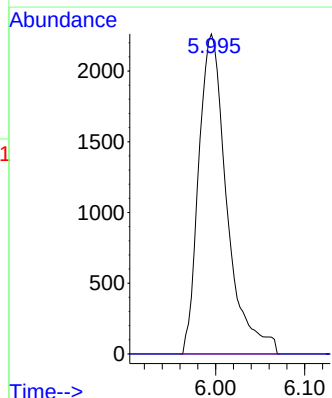
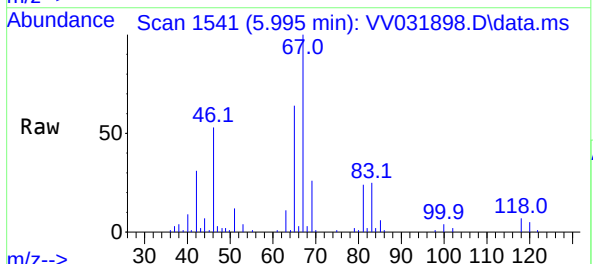
Acq: 24 Aug 2023 10:12

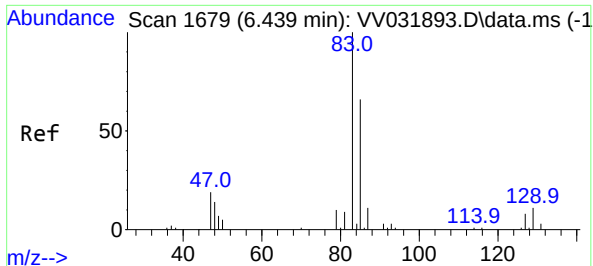
Tgt Ion: 63 Resp: 4972

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#





#38

Bromodichloromethane

Concen: 0.977 ug/L

RT: 6.442 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV031898.D

Acq: 24 Aug 2023 10:12

Instrument :

MSVOA_V

ClientSampleId :

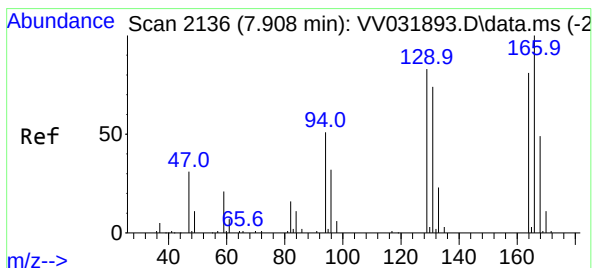
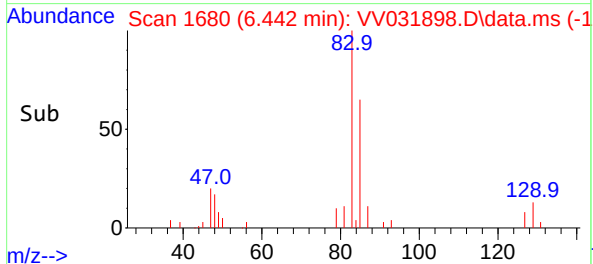
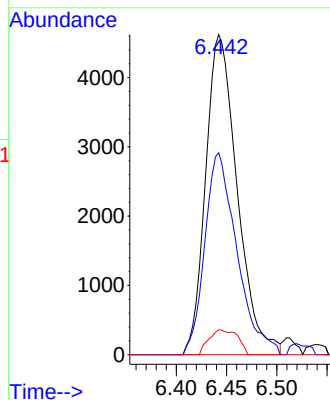
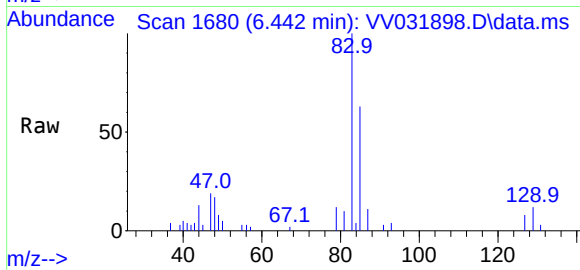
Tgt Ion: 83 Resp: 10099

Ion Ratio Lower Upper

83 100

85 63.1 44.4 82.4

127 7.8 6.2 9.4



#47

Tetrachloroethene

Concen: 0.334 ug/L

RT: 7.915 min Scan# 2138

Delta R.T. 0.003 min

Lab File: VV031898.D

Acq: 24 Aug 2023 10:12

Tgt Ion:164 Resp: 1808

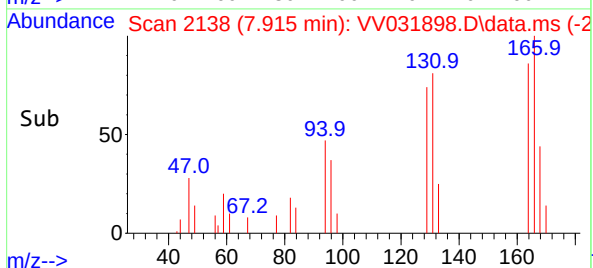
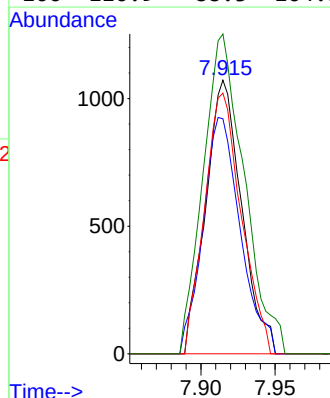
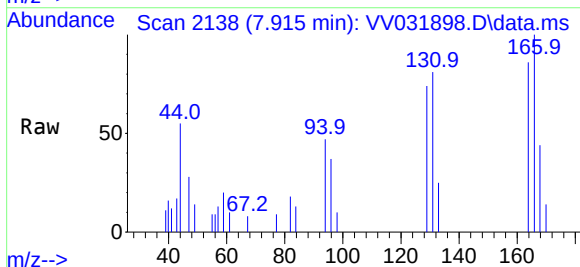
Ion Ratio Lower Upper

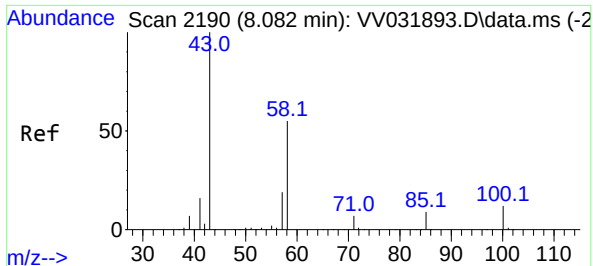
164 100

129 85.9 70.6 131.2

131 95.2 64.6 120.0

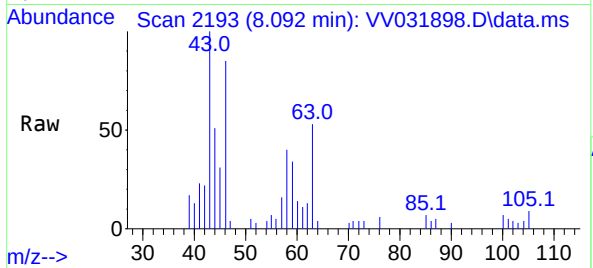
166 116.9 88.3 164.1



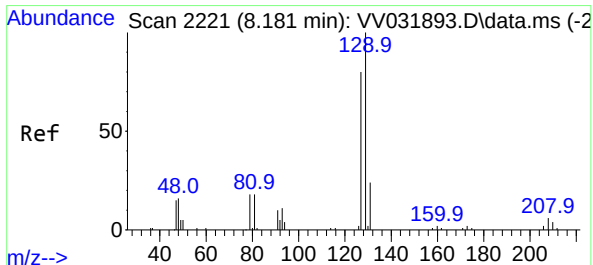
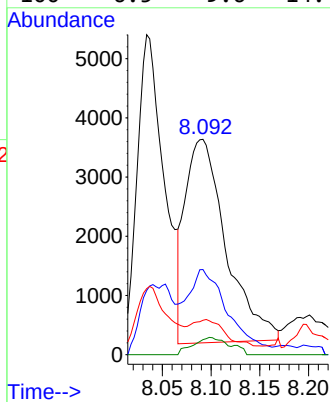
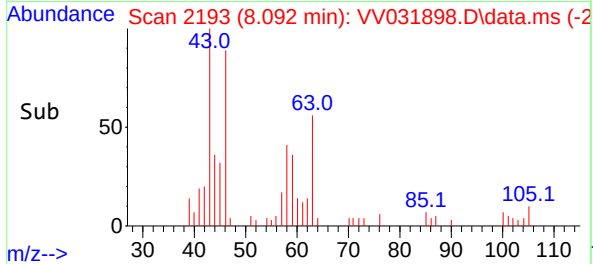


#48
2-Hexanone
Concen: 2.685 ug/L
RT: 8.092 min Scan# 2190
Delta R.T. 0.010 min
Lab File: VV031898.D
Acq: 24 Aug 2023 10:12

Instrument :
MSVOA_V
ClientSampleId :

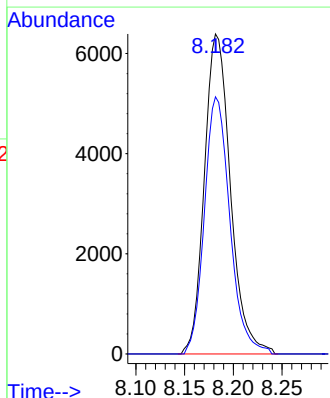
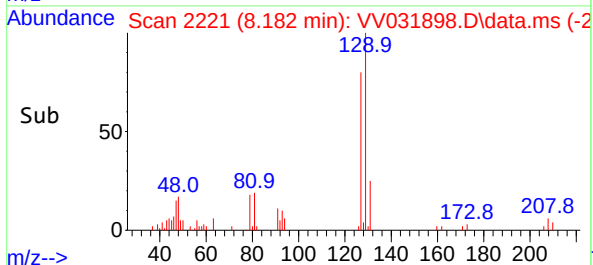
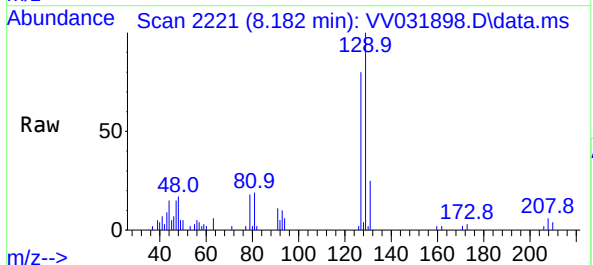


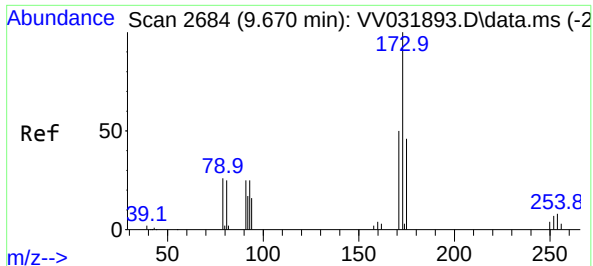
Tgt Ion: 43 Resp: 10042
Ion Ratio Lower Upper
43 100
58 33.8 44.3 66.5#
57 14.8 14.3 21.5
100 6.5 9.6 14.4#



#49
Dibromochloromethane
Concen: 2.001 ug/L
RT: 8.182 min Scan# 2221
Delta R.T. 0.000 min
Lab File: VV031898.D
Acq: 24 Aug 2023 10:12

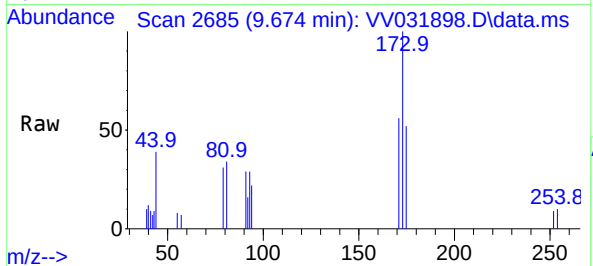
Tgt Ion: 129 Resp: 11919
Ion Ratio Lower Upper
129 100
127 80.3 53.7 99.7



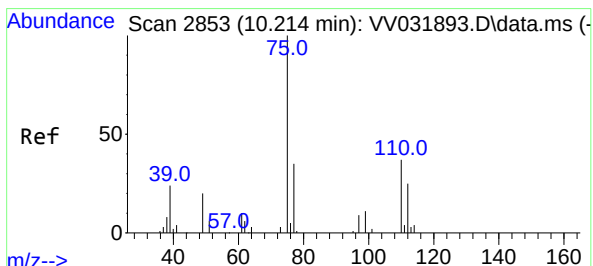
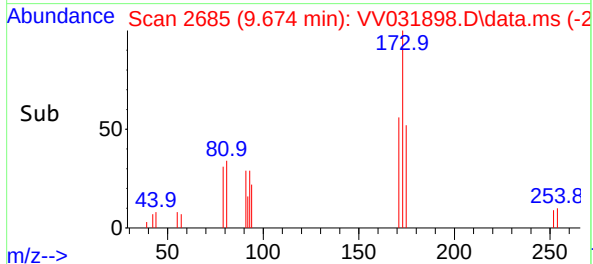
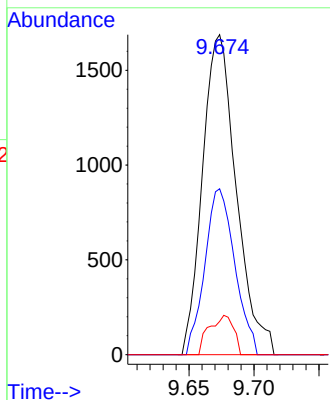


#59
Bromoform
Concen: 0.993 ug/L
RT: 9.674 min Scan# 20
Delta R.T. 0.003 min
Lab File: VV031898.D
Acq: 24 Aug 2023 10:12

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:173 Resp: 3053
Ion Ratio Lower Upper
173 100
175 45.9 38.0 57.0
254 8.8 6.8 10.2



#61
1,2,3-Trichloropropane
Concen: 1.832 ug/L
RT: 11.188 min Scan# 3156
Delta R.T. 0.974 min
Lab File: VV031898.D
Acq: 24 Aug 2023 10:12

Tgt Ion: 75 Resp: 8778
Ion Ratio Lower Upper
75 100
77 36.9 28.8 43.2
110 2.5 30.2 45.2#

