

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082423\
 Data File : VV031891.D
 Acq On : 24 Aug 2023 01:57
 Operator : SY/MD
 Sample : 04115-07
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 24 05:02:34 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)

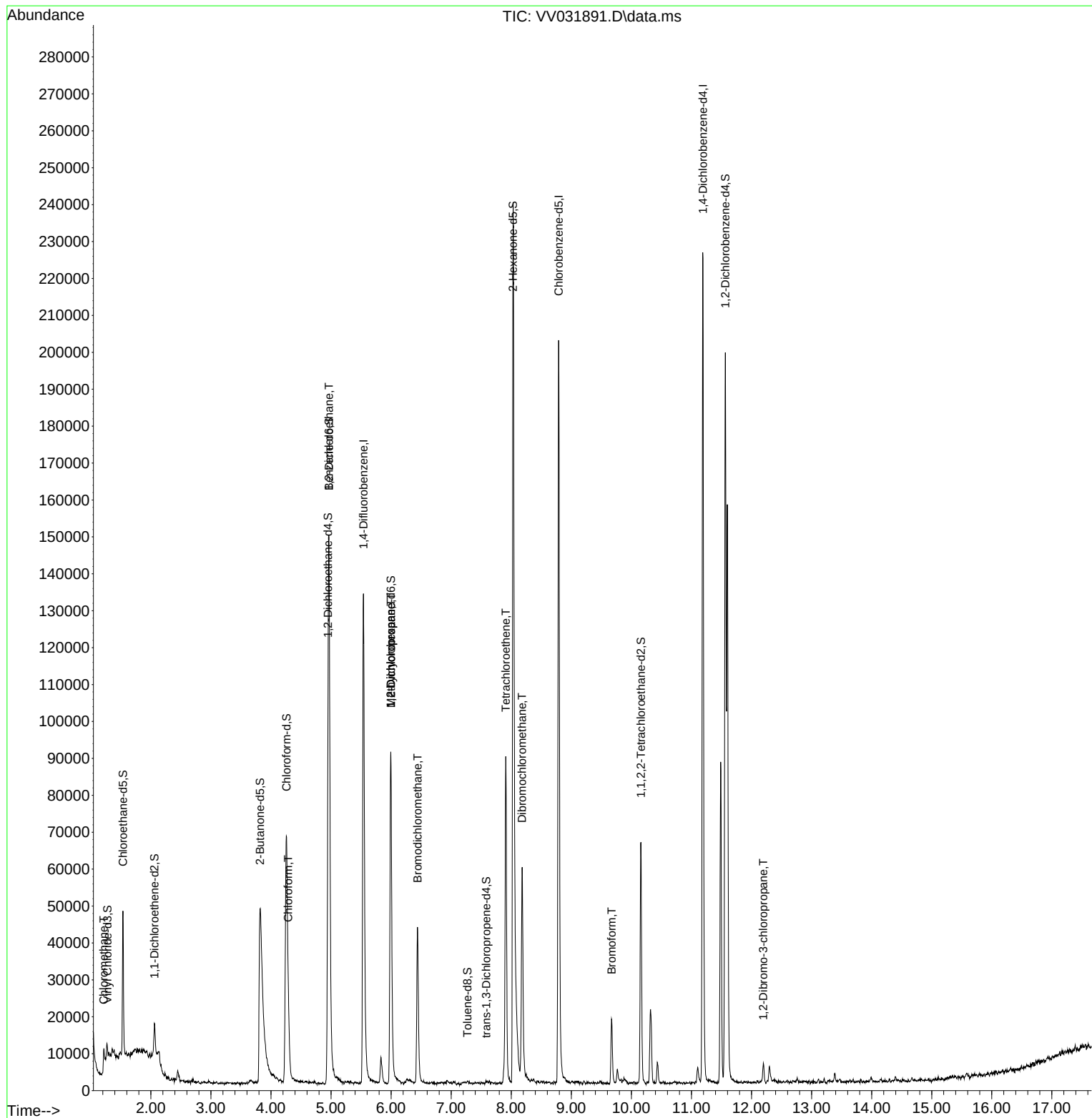
Internal Standards						
1) 1,4-Difluorobenzene	5.538	114	114763	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	108219	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	54769	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	62	0.016	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	0.400%#
7) Chloroethane-d5	1.535	69	24160	5.441	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.800%
11) 1,1-Dichloroethene-d2	2.059	65	1792	0.786	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	15.800%#
20) 2-Butanone-d5	3.818	46	117014	62.364	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	124.720%
24) Chloroform-d	4.256	84	68636	5.232	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.600%
26) 1,2-Dichloroethane-d4	4.950	65	36655	5.423	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.400%
32) Benzene-d6	4.963	84	134518	5.463	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.200%
36) 1,2-Dichloropropane-d6	5.995	67	46342	5.337	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.800%
41) Toluene-d8	7.271	98	448	0.020	ug/L	0.03
Spiked Amount	5.000	Range	70 - 130	Recovery	=	0.400%#
43) trans-1,3-Dichloroprop...	7.583	79	258	0.081	ug/L	0.02
Spiked Amount	5.000	Range	55 - 130	Recovery	=	1.600%#
46) 2-Hexanone-d5	8.030	63	92494	54.786	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.580%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	33303	5.345	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.000%
66) 1,2-Dichlorobenzene-d4	11.564	152	48115	5.425	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.400%
Target Compounds						
3) Chloromethane	1.217	50	2596	0.370	ug/L	99
25) Chloroform	4.284	83	16059	1.306	ug/L	96
27) 1,2-Dichloroethane	4.963	62	965	0.131	ug/L #	75
35) Methylcyclohexane	5.995	83	11107	1.047	ug/L #	18
37) 1,2-Dichloropropane	5.995	63	5374	0.782	ug/L #	87
38) Bromodichloromethane	6.439	83	29946	3.369	ug/L	97
47) Tetrachloroethene	7.908	164	19229	4.131	ug/L	97
49) Dibromochloromethane	8.181	129	28603	5.583	ug/L	95
59) Bromoform	9.670	173	7968	3.079	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.194	75	219	0.240	ug/L #	9

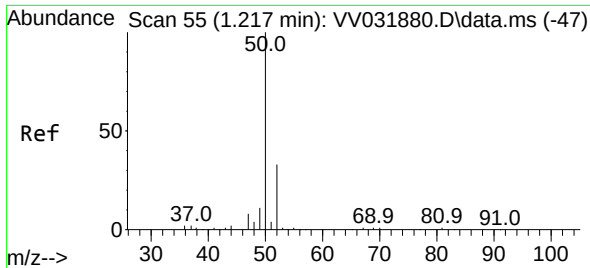
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Aug 24 05:02:34 2023
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Quant Title : TRACE VOA SFAM1.0
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Response via : Initial Calibration

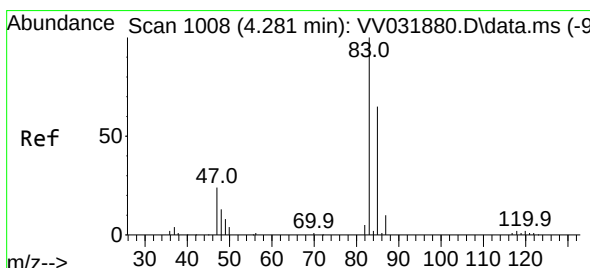
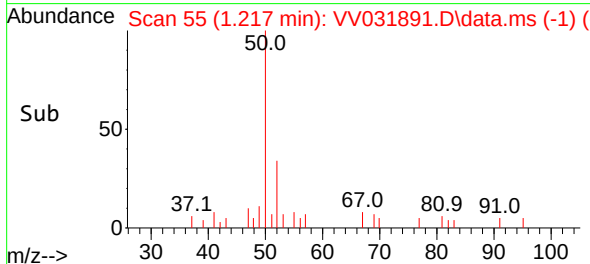
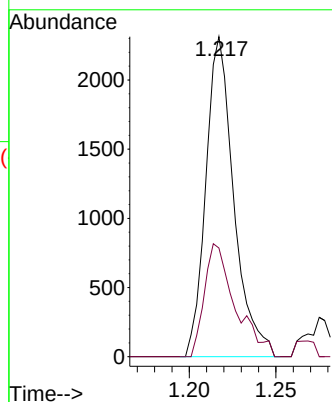
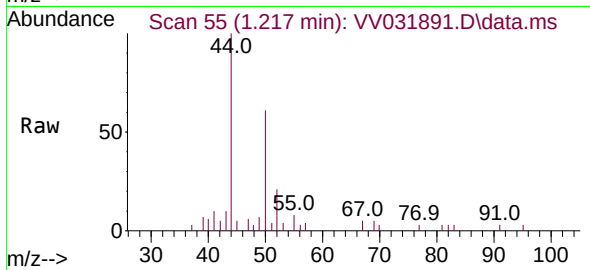




#3
Chloromethane
Concen: 0.370 ug/L
RT: 1.217 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV031891.D
Acq: 24 Aug 2023 01:57

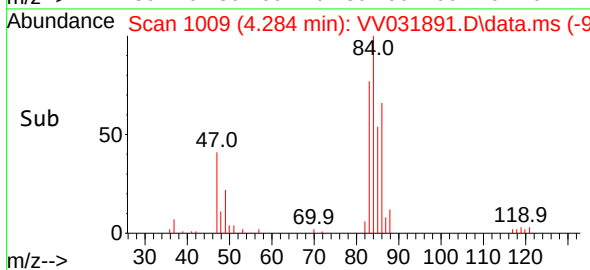
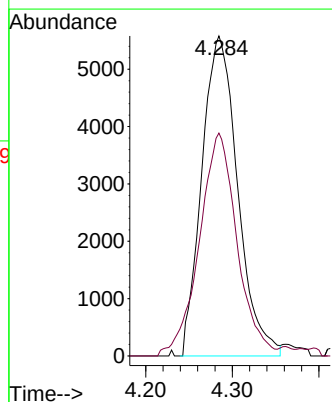
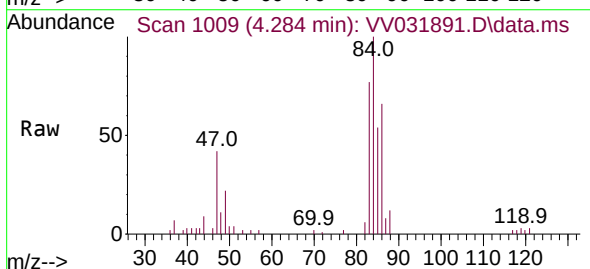
Instrument :
MSVOA_V
ClientSampleId :

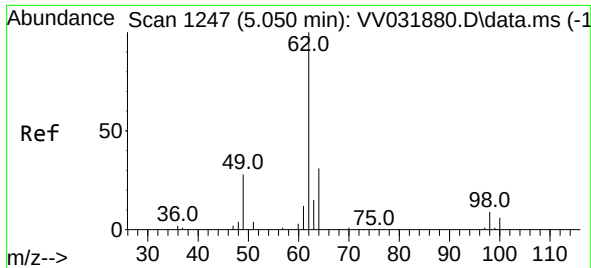
Tgt Ion: 50 Resp: 2596
Ion Ratio Lower Upper
50 100
52 33.9 23.3 43.3



#25
Chloroform
Concen: 1.306 ug/L
RT: 4.284 min Scan# 1009
Delta R.T. 0.003 min
Lab File: VV031891.D
Acq: 24 Aug 2023 01:57

Tgt Ion: 83 Resp: 16059
Ion Ratio Lower Upper
83 100
85 69.7 46.4 86.2

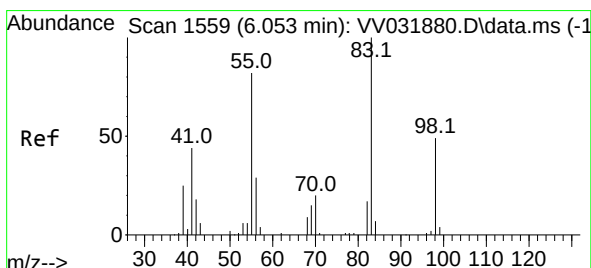
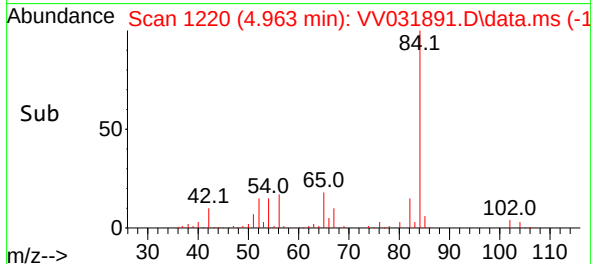
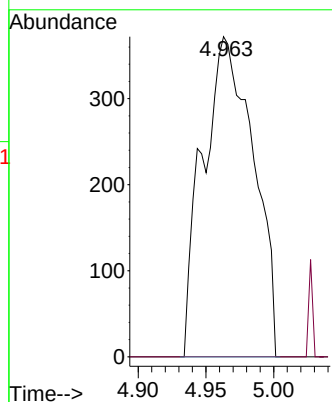
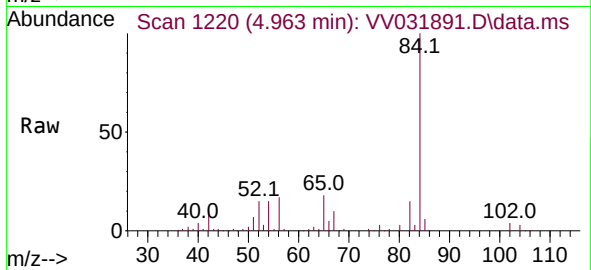




#27
1,2-Dichloroethane
Concen: 0.131 ug/L
RT: 4.963 min Scan# 11
Delta R.T. -0.087 min
Lab File: VV031891.D
Acq: 24 Aug 2023 01:57

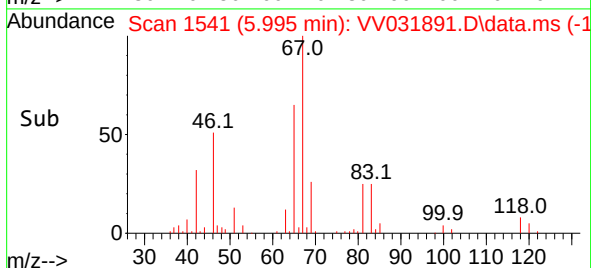
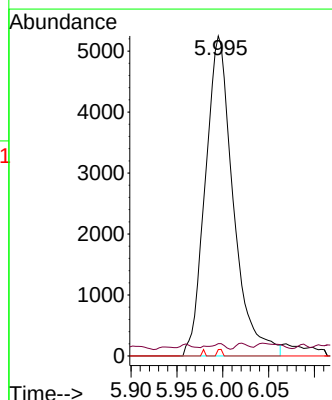
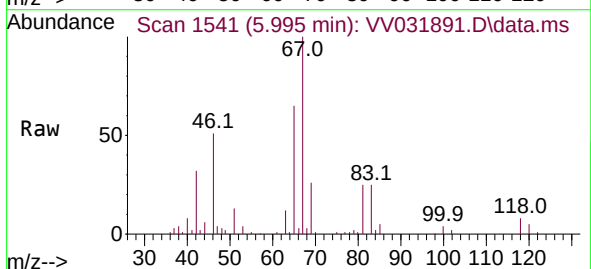
Instrument :
MSVOA_V
ClientSampleId :

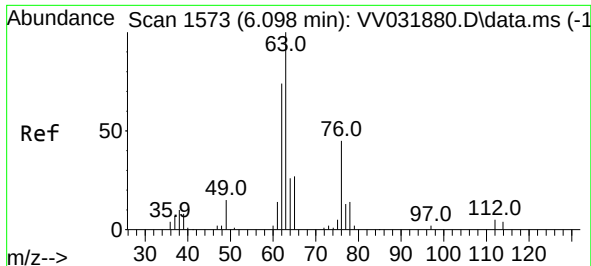
Tgt Ion: 62 Resp: 965
Ion Ratio Lower Upper
62 100
98 0.0 7.2 10.8#



#35
Methylcyclohexane
Concen: 1.047 ug/L
RT: 5.995 min Scan# 1541
Delta R.T. -0.058 min
Lab File: VV031891.D
Acq: 24 Aug 2023 01:57

Tgt Ion: 83 Resp: 11107
Ion Ratio Lower Upper
83 100
55 0.9 62.6 94.0#
98 0.4 37.8 56.8#





#37

1,2-Dichloropropane

Concen: 0.782 ug/L

RT: 5.995 min Scan# 1

Delta R.T. -0.103 min

Lab File: VV031891.D

Acq: 24 Aug 2023 01:57

Instrument :

MSVOA_V

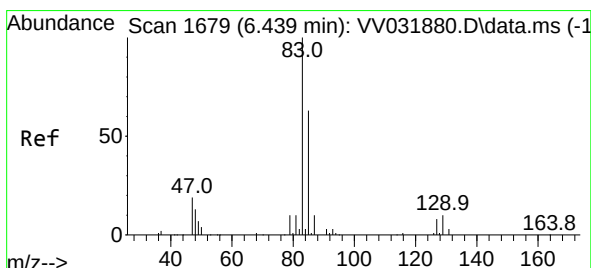
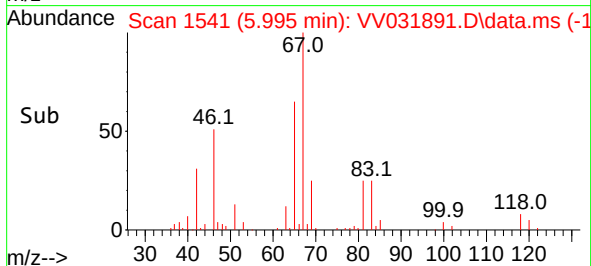
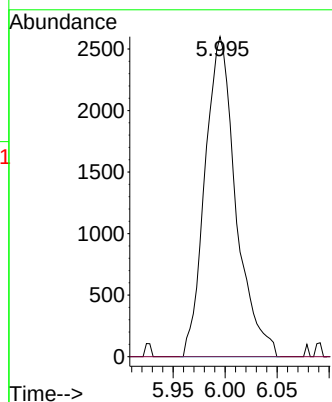
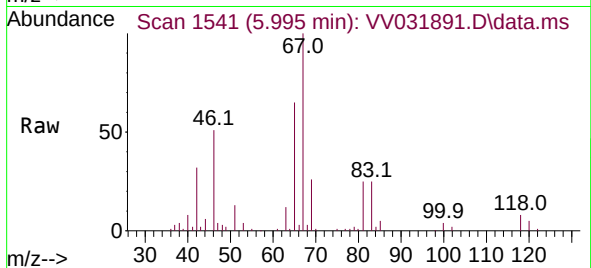
ClientSampleId :

Tgt Ion: 63 Resp: 5374

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#



#38

Bromodichloromethane

Concen: 3.369 ug/L

RT: 6.439 min Scan# 1679

Delta R.T. -0.000 min

Lab File: VV031891.D

Acq: 24 Aug 2023 01:57

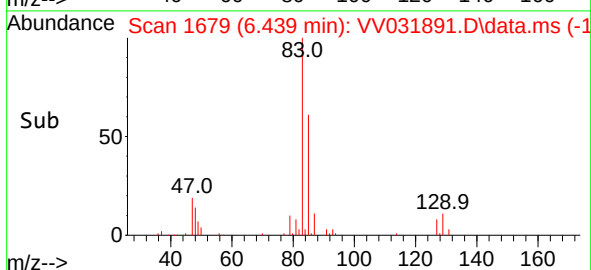
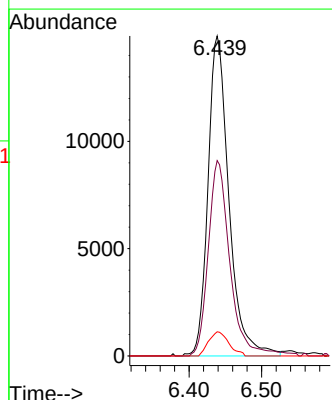
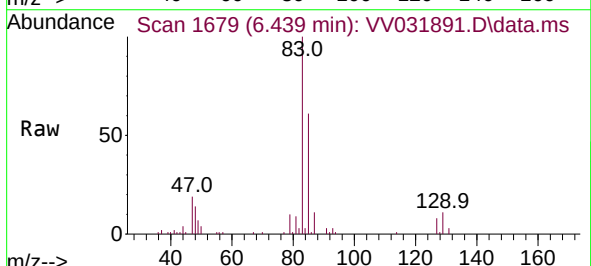
Tgt Ion: 83 Resp: 29946

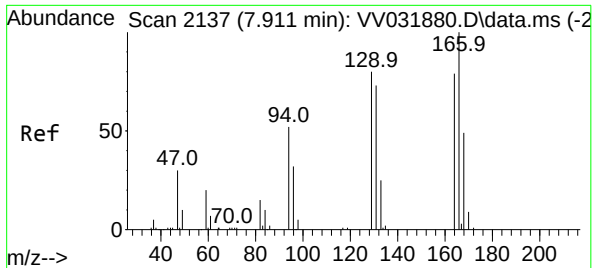
Ion Ratio Lower Upper

83 100

85 61.0 44.4 82.4

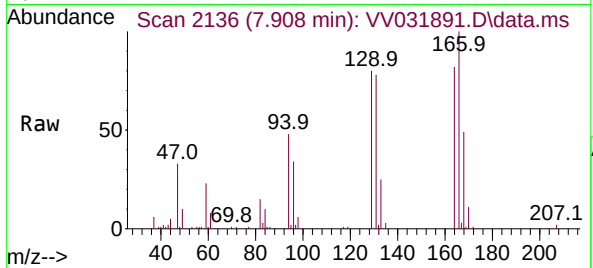
127 7.5 6.2 9.4



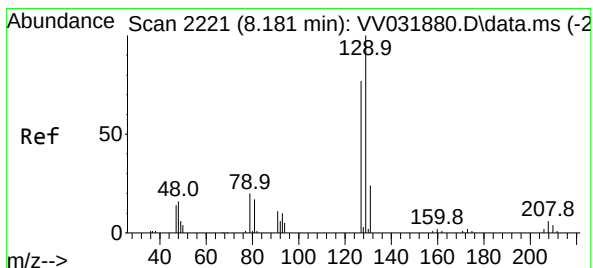
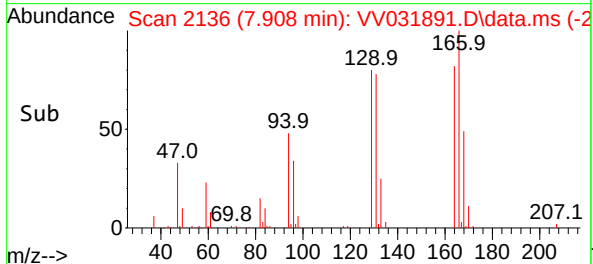
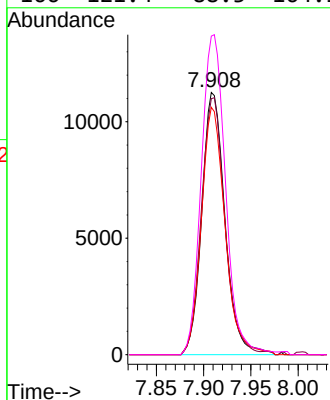


#47
Tetrachloroethene
Concen: 4.131 ug/L
RT: 7.908 min Scan# 2136
Delta R.T. -0.003 min
Lab File: VV031891.D
Acq: 24 Aug 2023 01:57

Instrument :
MSVOA_V
ClientSampleId :

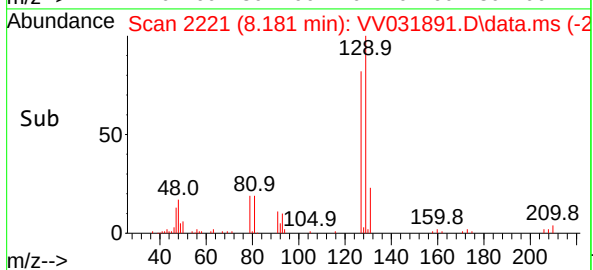
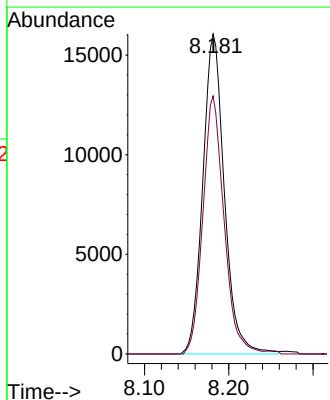
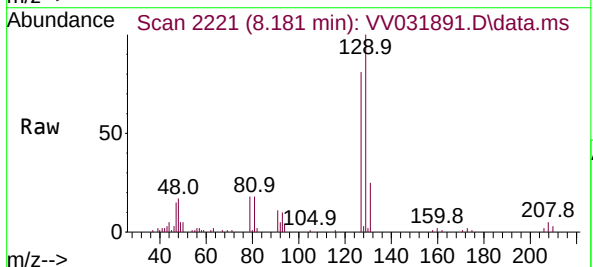


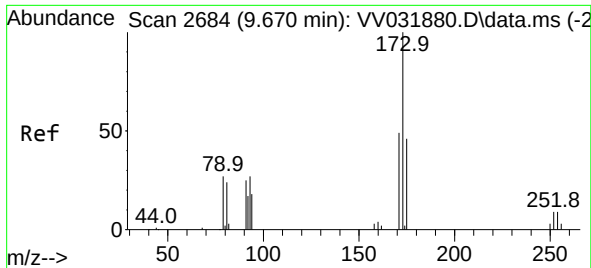
Tgt	Ion:164	Resp:	19229
Ion	Ratio	Lower	Upper
164	100		
129	97.6	70.6	131.2
131	94.3	64.6	120.0
166	121.4	88.3	164.1



#49
Dibromochloromethane
Concen: 5.583 ug/L
RT: 8.181 min Scan# 2221
Delta R.T. -0.000 min
Lab File: VV031891.D
Acq: 24 Aug 2023 01:57

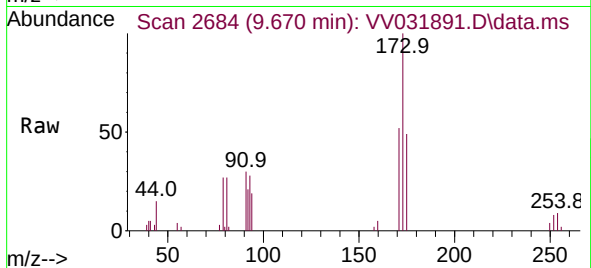
Tgt Ion:129	Resp:	28603	
Ion	Ratio	Lower	Upper
129	100		
127	80.6	53.7	99.7



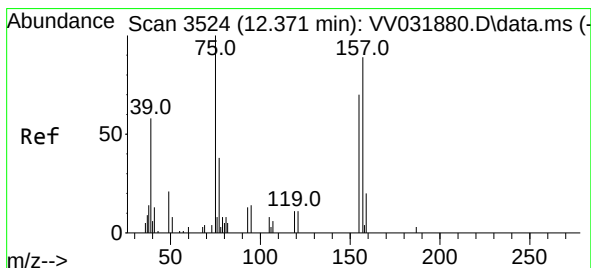
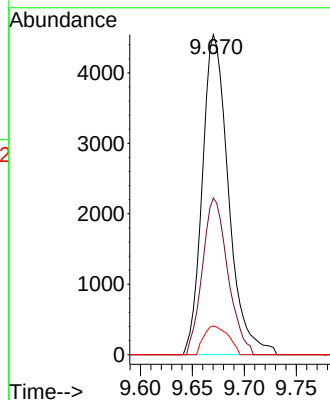
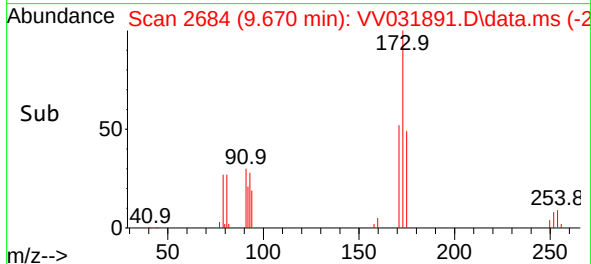


#59
Bromoform
Concen: 3.079 ug/L
RT: 9.670 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV031891.D
Acq: 24 Aug 2023 01:57

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:173 Resp: 7968
Ion Ratio Lower Upper
173 100
175 47.5 38.0 57.0
254 8.3 6.8 10.2



#68
1,2-Dibromo-3-chloropropane
Concen: 0.240 ug/L
RT: 12.194 min Scan# 3469
Delta R.T. -0.177 min
Lab File: VV031891.D
Acq: 24 Aug 2023 01:57

Tgt Ion: 75 Resp: 219
Ion Ratio Lower Upper
75 100
155 0.0 56.1 84.1#
157 0.0 71.1 106.7#

