

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101822\
 Data File : VV028623.D
 Acq On : 18 Oct 2022 19:12
 Operator : SY/MD
 Sample : N5173-07
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 19 00:41:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR101422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Oct 19 00:35:12 2022
 Response via : Initial Calibration

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

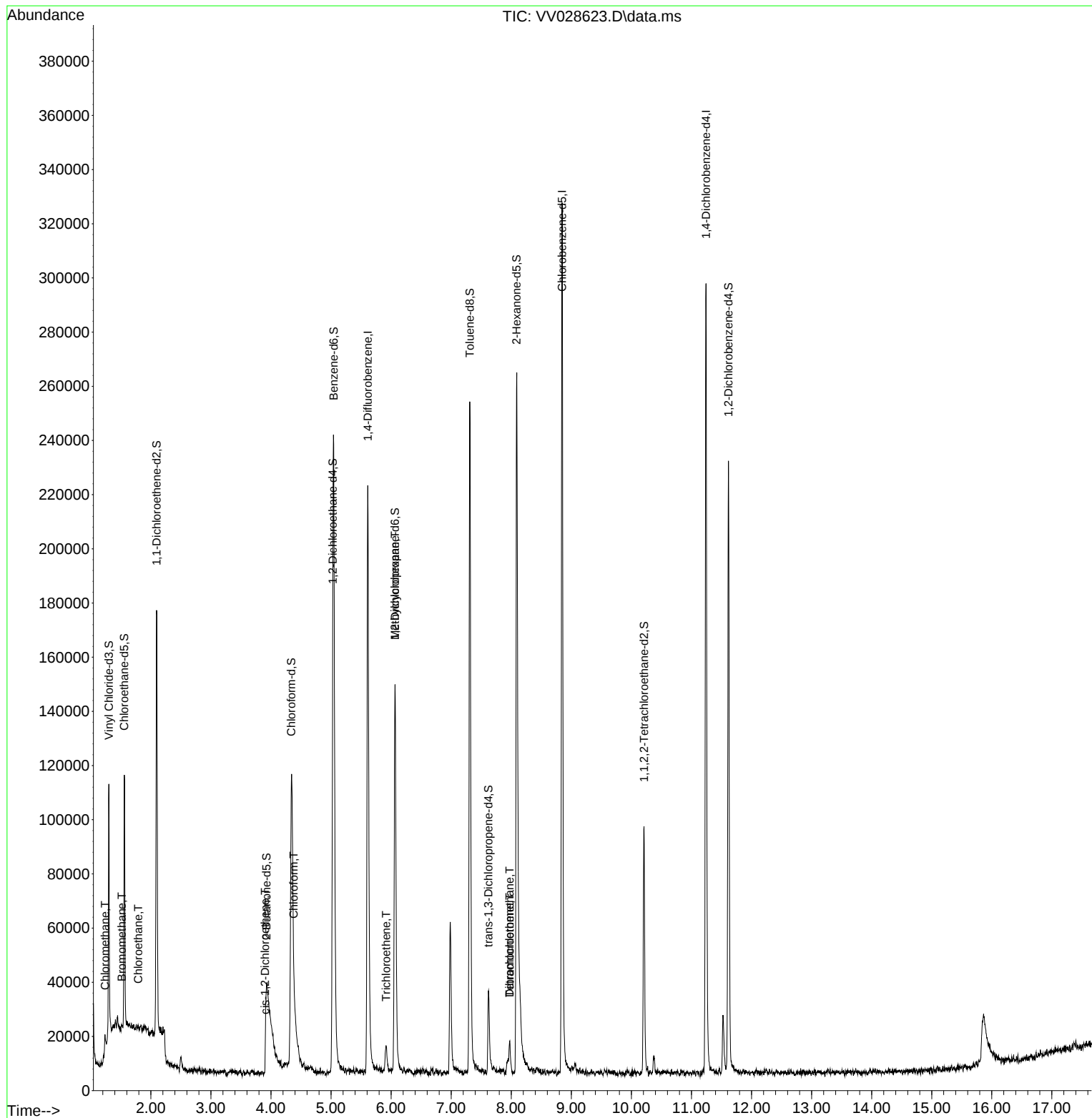
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	178219	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	165964	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	71034	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	58133	3.790	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.800%
7) Chloroethane-d5	1.558	69	56655	4.493	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.800%
11) 1,1-Dichloroethene-d2	2.095	63	87192	3.139	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.800%
20) 2-Butanone-d5	3.928	46	72382	21.952	ug/L	0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	43.900%
24) Chloroform-d	4.339	84	104621	4.455	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.000%
26) 1,2-Dichloroethane-d4	5.027	65	54090	4.419	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.400%
32) Benzene-d6	5.043	84	201159	3.754	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	75.000%
36) 1,2-Dichloropropane-d6	6.066	67	71802	4.152	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.000%
41) Toluene-d8	7.310	98	161179	3.796	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.000%
43) trans-1,3-Dichloroprop...	7.619	79	17939	3.071	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	61.400%
46) 2-Hexanone-d5	8.088	63	99794	39.577	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.160%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	45843	4.451	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.000%
66) 1,2-Dichlorobenzene-d4	11.616	152	53599	4.573	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.400%
Target Compounds						
3) Chloromethane	1.237	50	4002	0.238	ug/L	83
6) Bromomethane	1.516	94	991	0.134	ug/L	74
8) Chloroethane	1.790	64	1240	0.117	ug/L	99
22) cis-1,2-Dichloroethene	3.902	96	569	0.044	ug/L #	29
25) Chloroform	4.378	83	1695	0.069	ug/L	84
34) Trichloroethene	5.918	95	3230	0.231	ug/L	90
35) Methylcyclohexane	6.066	83	15389	0.660	ug/L #	19
47) Tetrachloroethene	7.973	164	2336	0.256	ug/L	81
49) Dibromochloromethane	7.973	129	2680	0.303	ug/L #	11

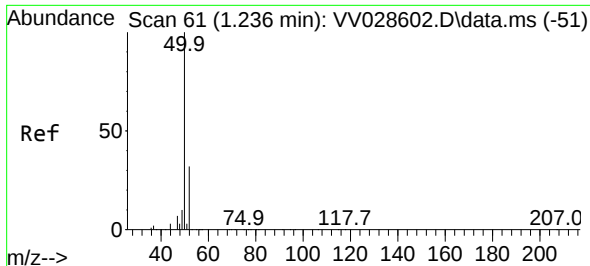
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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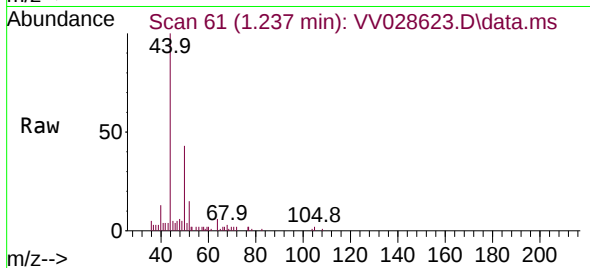
Quant Time: Oct 19 00:41:42 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR101422WMA.M
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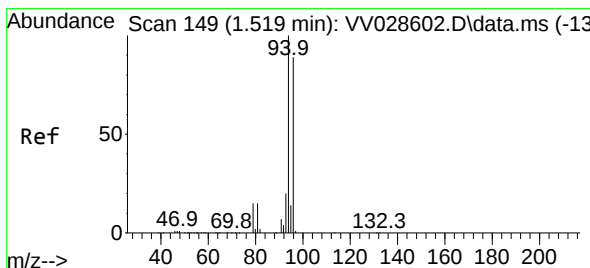
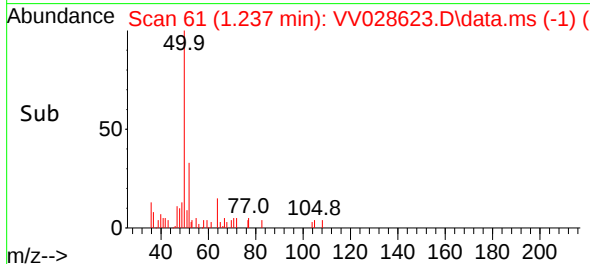
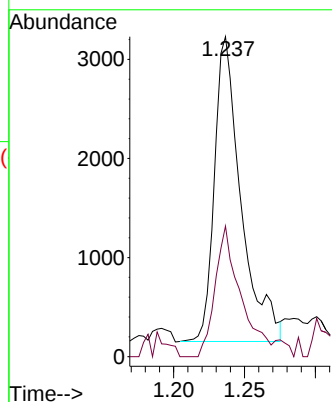


#3
Chloromethane
Concen: 0.238 ug/L
RT: 1.237 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV028623.D
Acq: 18 Oct 2022 19:12

Instrument :
MSVOA_V
ClientSampleId :

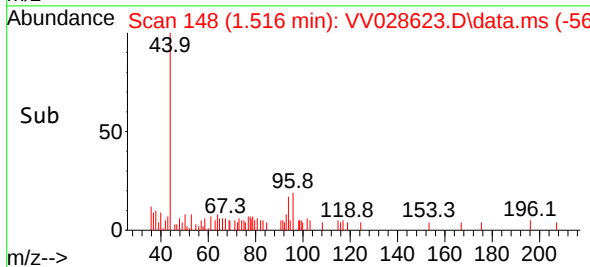
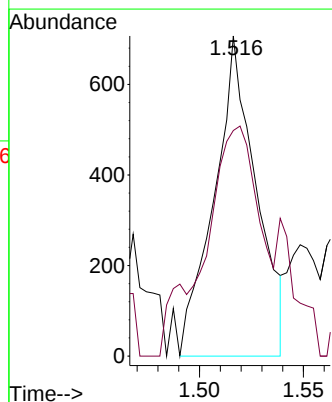
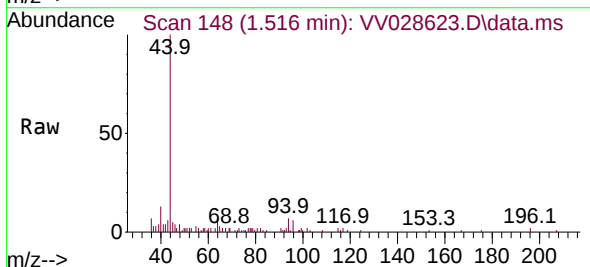


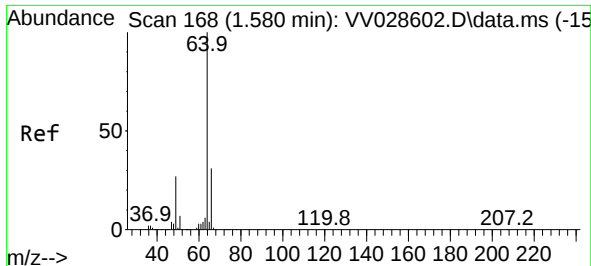
Tgt Ion: 50 Resp: 4002
Ion Ratio Lower Upper
50 100
52 40.8 22.0 41.0



#6
Bromomethane
Concen: 0.134 ug/L
RT: 1.516 min Scan# 148
Delta R.T. -0.003 min
Lab File: VV028623.D
Acq: 18 Oct 2022 19:12

Tgt Ion: 94 Resp: 991
Ion Ratio Lower Upper
94 100
96 70.4 67.0 124.4

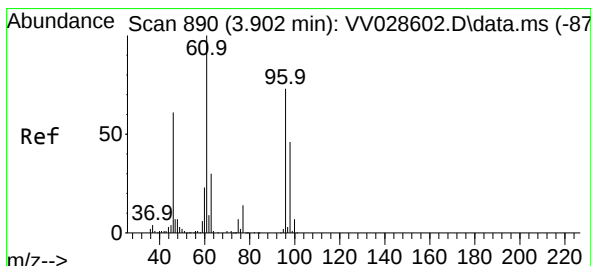
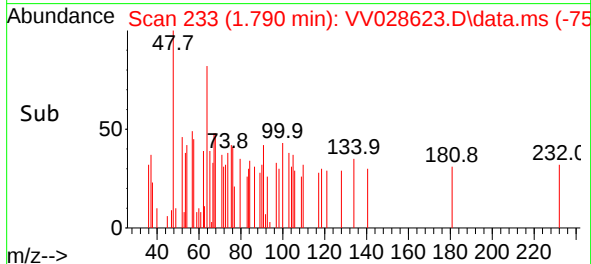
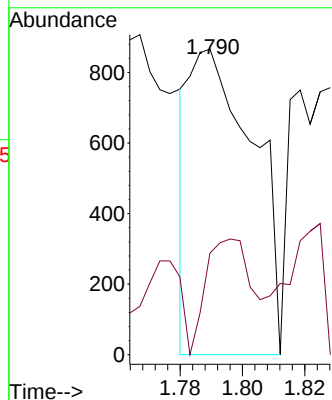
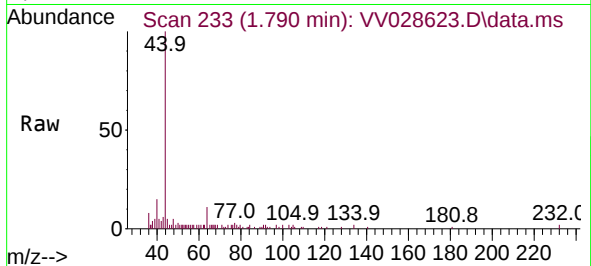




#8
Chloroethane
Concen: 0.117 ug/L
RT: 1.790 min Scan# 21
Delta R.T. 0.209 min
Lab File: VV028623.D
Acq: 18 Oct 2022 19:12

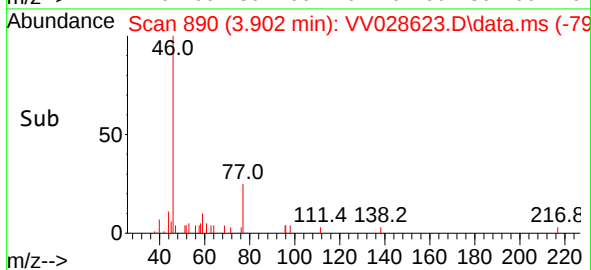
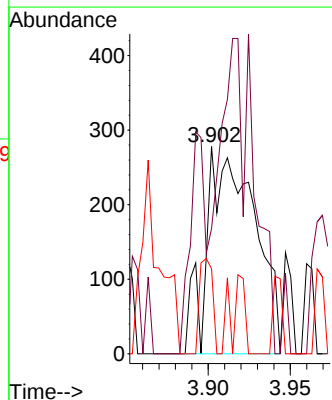
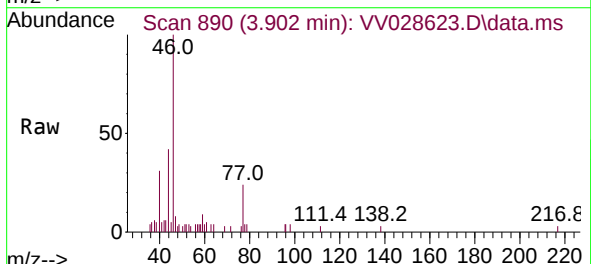
Instrument :
MSVOA_V
ClientSampleId :

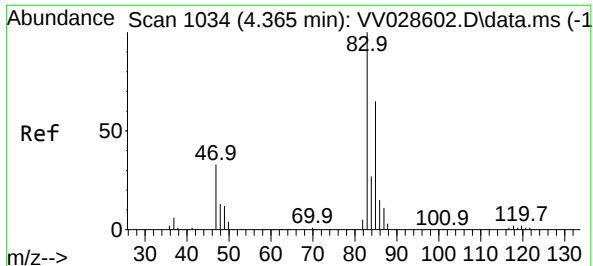
Tgt Ion: 64 Resp: 1240
Ion Ratio Lower Upper
64 100
66 33.3 23.0 42.8



#22
cis-1,2-Dichloroethene
Concen: 0.044 ug/L
RT: 3.902 min Scan# 890
Delta R.T. 0.000 min
Lab File: VV028623.D
Acq: 18 Oct 2022 19:12

Tgt Ion: 96 Resp: 569
Ion Ratio Lower Upper
96 100
61 60.4 105.1 195.3#
68 41.0 0.5 0.9#





#25

Chloroform

Concen: 0.069 ug/L

RT: 4.378 min Scan# 1

Delta R.T. 0.013 min

Lab File: VV028623.D

Acq: 18 Oct 2022 19:12

Instrument :

MSVOA_V

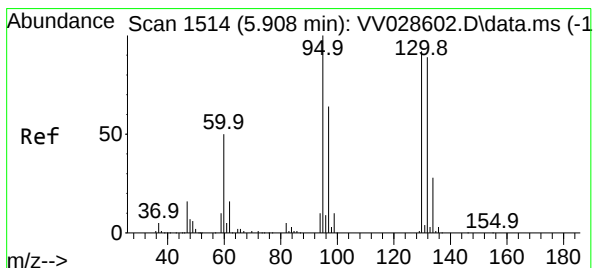
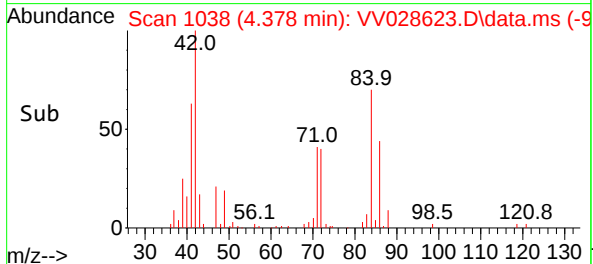
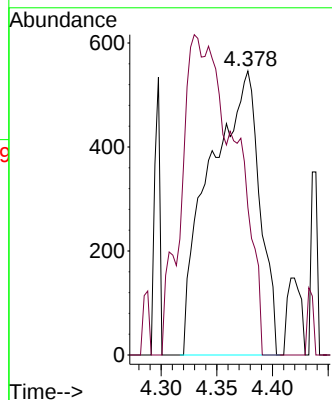
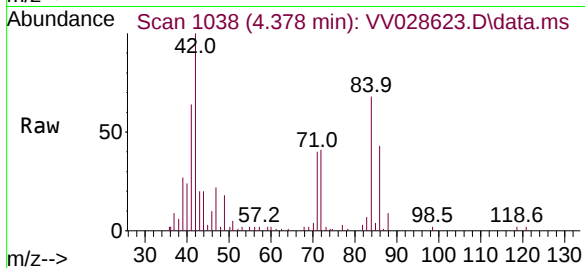
ClientSampleId :

Tgt Ion: 83 Resp: 1695

Ion Ratio Lower Upper

83 100

85 52.0 45.1 83.9



#34

Trichloroethene

Concen: 0.231 ug/L

RT: 5.918 min Scan# 1517

Delta R.T. 0.010 min

Lab File: VV028623.D

Acq: 18 Oct 2022 19:12

Tgt Ion: 95 Resp: 3230

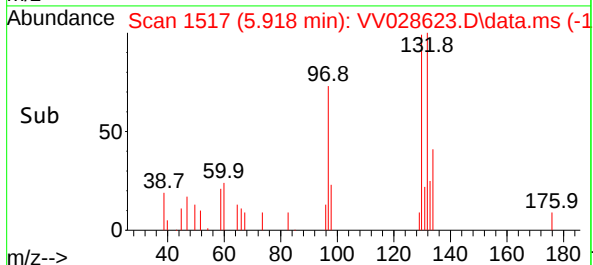
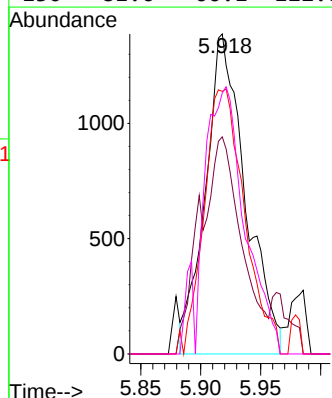
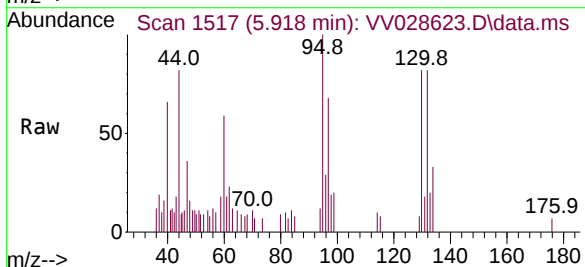
Ion Ratio Lower Upper

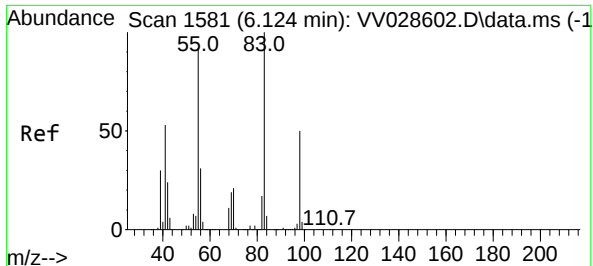
95 100

97 67.9 46.2 85.8

132 82.1 65.1 120.9

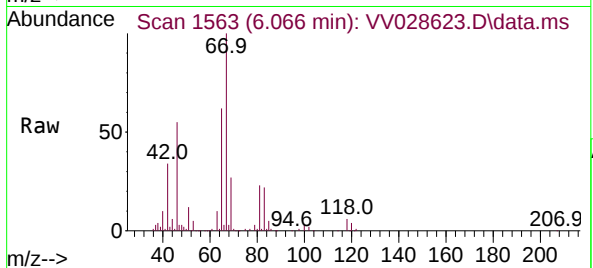
130 81.6 66.1 122.8



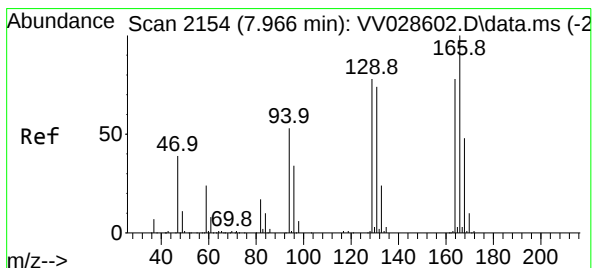
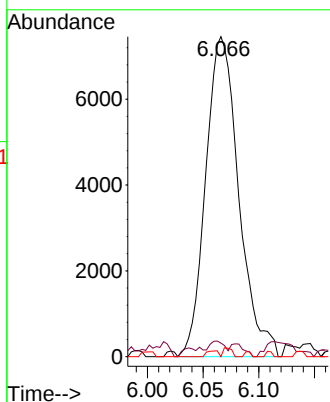
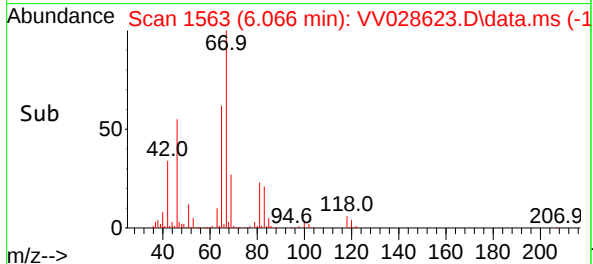


#35
Methylcyclohexane
Concen: 0.660 ug/L
RT: 6.066 min Scan# 11
Delta R.T. -0.058 min
Lab File: VV028623.D
Acq: 18 Oct 2022 19:12

Instrument :
MSVOA_V
ClientSampleId :

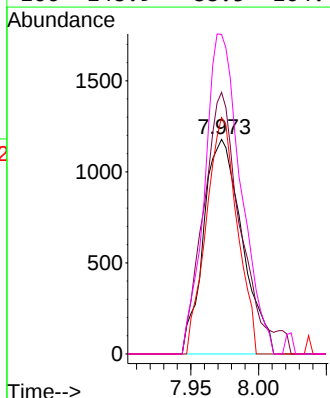
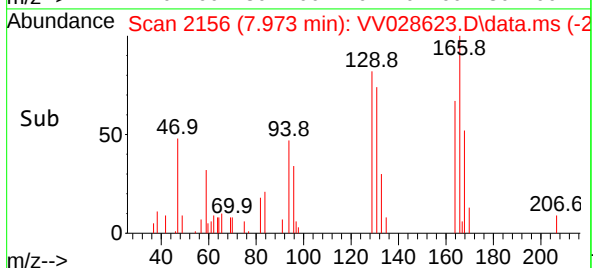
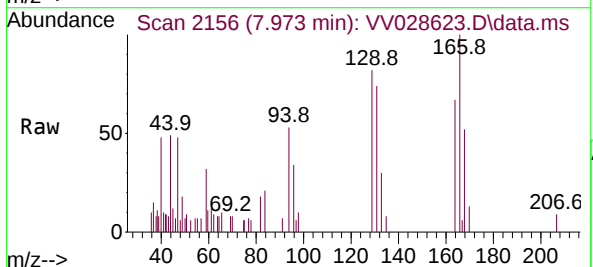


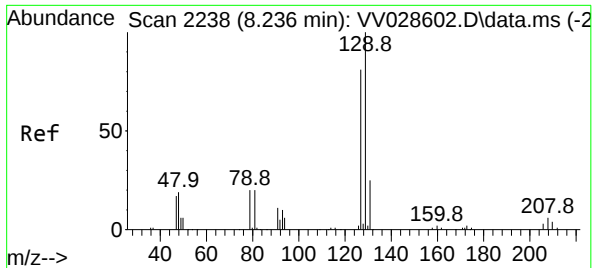
Tgt Ion: 83 Resp: 15389
Ion Ratio Lower Upper
83 100
55 2.4 65.0 97.6#
98 0.6 36.4 54.6#



#47
Tetrachloroethene
Concen: 0.256 ug/L
RT: 7.973 min Scan# 2156
Delta R.T. 0.007 min
Lab File: VV028623.D
Acq: 18 Oct 2022 19:12

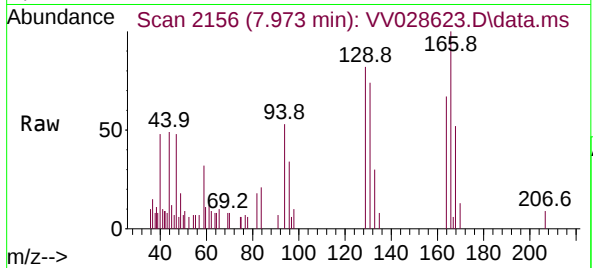
Tgt Ion:164 Resp: 2336
Ion Ratio Lower Upper
164 100
129 121.9 69.3 128.7
131 110.2 67.3 125.1
166 148.9 88.5 164.4





#49
 Dibromochloromethane
 Concen: 0.303 ug/L
 RT: 7.973 min Scan# 21
 Delta R.T. -0.264 min
 Lab File: VV028623.D
 Acq: 18 Oct 2022 19:12

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:129 Resp: 2680
 Ion Ratio Lower Upper
 129 100
 127 0.0 53.8 100.0#

