

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052621\
 Data File : VV021421.D
 Acq On : 26 May 2021 13:26
 Operator : SY/MD
 Sample : M2496-21
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GB461

Quant Time: May 27 02:04:48 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR052521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu May 27 02:03:26 2021
 Response via : Initial Calibration

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

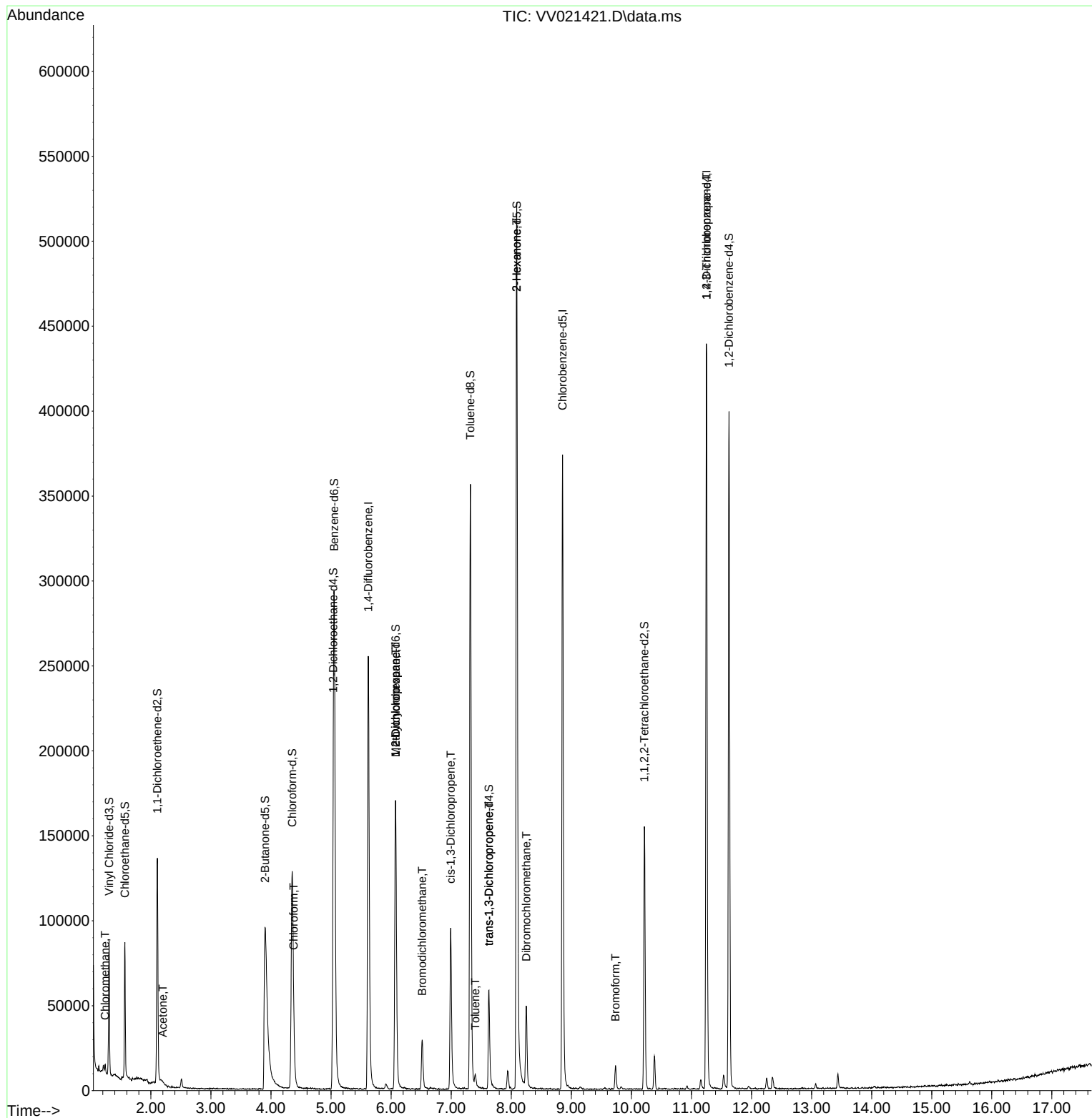
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	238611	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	220408	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	125322	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	47286	4.68	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.60%
7) Chloroethane-d5	1.568	69	48623	5.05	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.00%
11) 1,1-Dichloroethene-d2	2.108	63	67556	3.53	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.60%
20) 2-Butanone-d5	3.902	46	225469	62.13	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	124.26%
24) Chloroform-d	4.352	84	137252	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
26) 1,2-Dichloroethane-d4	5.037	65	69898	5.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.60%
32) Benzene-d6	5.053	84	269990	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.80%
36) 1,2-Dichloropropane-d6	6.076	67	89126	5.18	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.60%
41) Toluene-d8	7.320	98	247243	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.60%
43) trans-1,3-Dichloroprop...	7.629	79	36710	5.13	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.60%
46) 2-Hexanone-d5	8.092	63	200001	59.34	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	118.68%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	75410	5.44	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.80%
66) 1,2-Dichlorobenzene-d4	11.625	152	113710	5.26	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.20%
Target Compounds						Qvalue
3) Chloromethane	1.240	50	2789	0.20	ug/L	89
13) Acetone	2.198	43	4673	2.28	ug/L	84
25) Chloroform	4.378	83	11604	0.43	ug/L	93
35) Methylcyclohexane	6.076	83	21710	0.83	ug/L #	20
37) 1,2-Dichloropropane	6.076	63	9299	0.65	ug/L #	85
38) Bromodichloromethane	6.516	83	20913	1.07	ug/L	96
39) cis-1,3-Dichloropropene	6.992	75	2218	0.10	ug/L #	59
42) Toluene	7.404	91	5429	0.09	ug/L	97
44) trans-1,3-Dichloropropene	7.629	75	1551	0.08	ug/L	88
48) 2-Hexanone	8.088	43	19368	3.26	ug/L #	66
49) Dibromochloromethane	8.249	129	25162	1.76	ug/L	95
59) Bromoform	9.738	173	6903	0.76	ug/L #	95
61) 1,2,3-Trichloropropane	11.249	75	11710	1.32	ug/L #	62

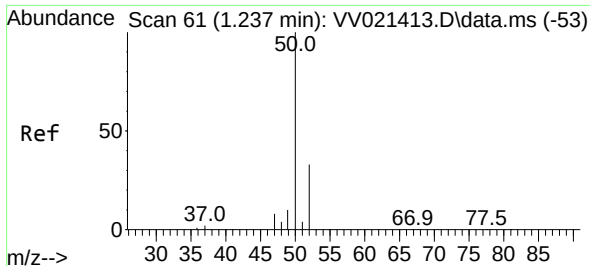
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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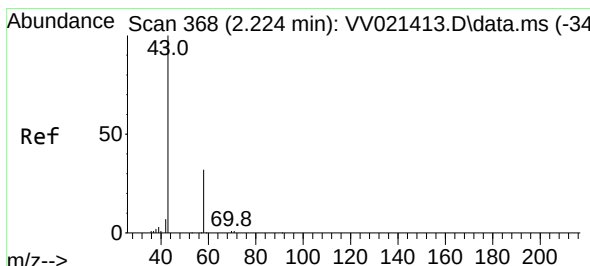
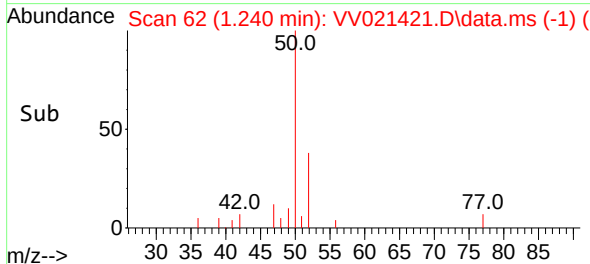
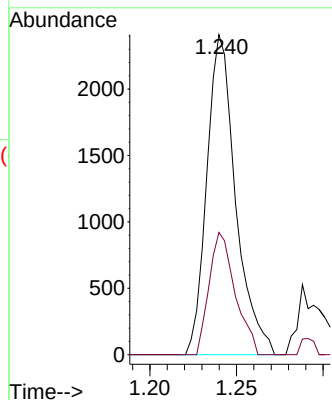
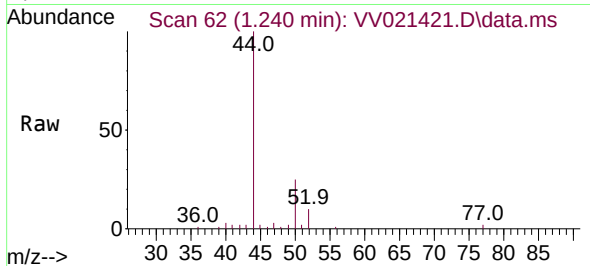




#3
Chloromethane
Concen: 0.20 ug/L
RT: 1.240 min Scan# 62
Delta R.T. 0.003 min
Lab File: VV021421.D
Acq: 26 May 2021 13:26

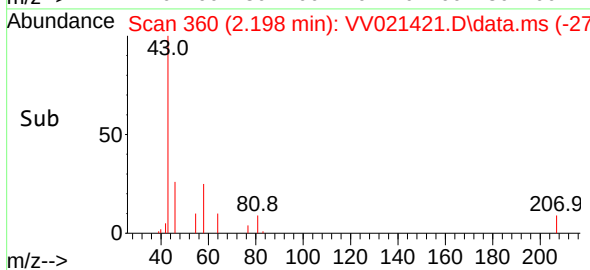
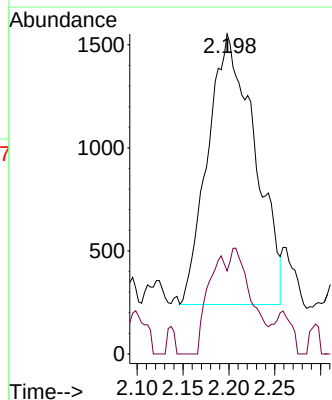
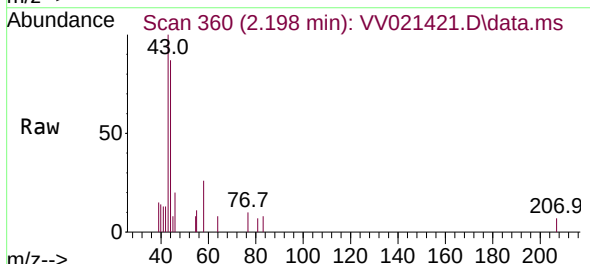
Instrument :
MSVOA_V
ClientSampled :
GB461

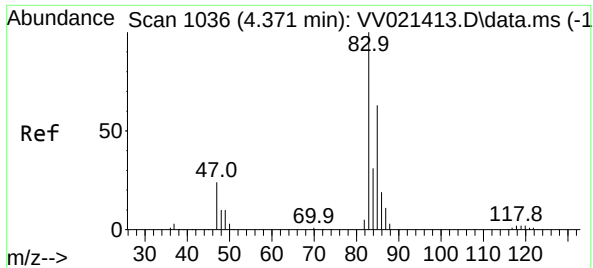
Tgt Ion: 50 Resp: 2789
Ion Ratio Lower Upper
50 100
52 38.2 22.6 42.0



#13
Acetone
Concen: 2.28 ug/L
RT: 2.198 min Scan# 360
Delta R.T. -0.026 min
Lab File: VV021421.D
Acq: 26 May 2021 13:26

Tgt Ion: 43 Resp: 4673
Ion Ratio Lower Upper
43 100
58 15.0 0.0 18.6

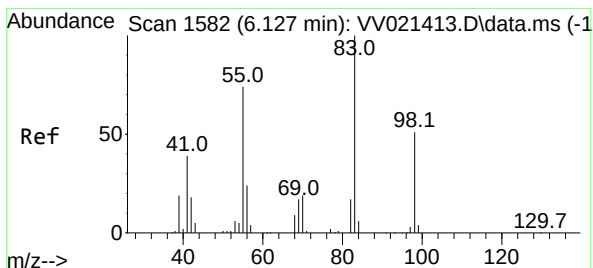
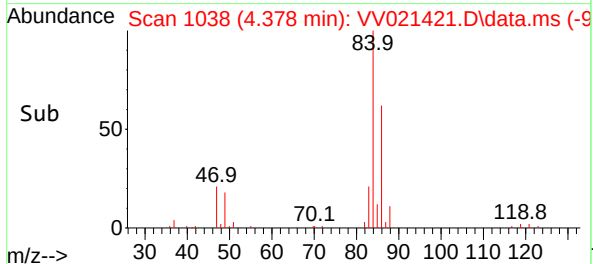
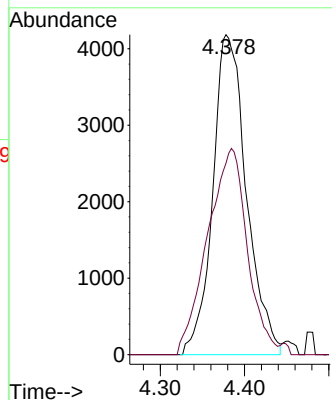
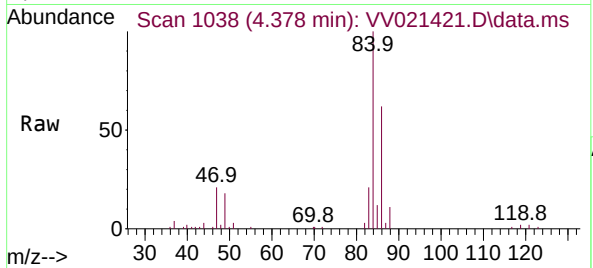




#25
Chloroform
Concen: 0.43 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VV021421.D
Acq: 26 May 2021 13:26

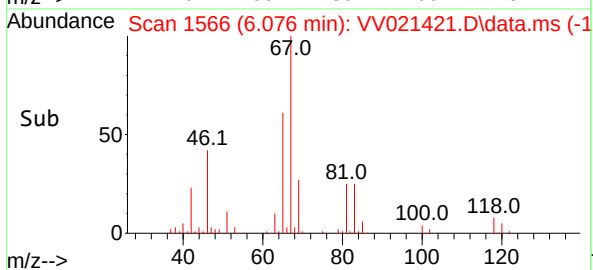
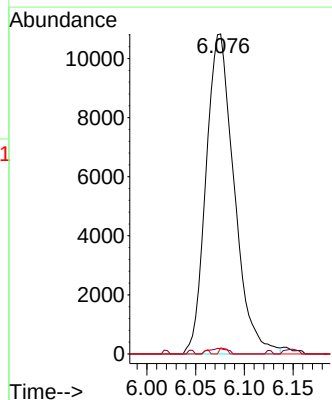
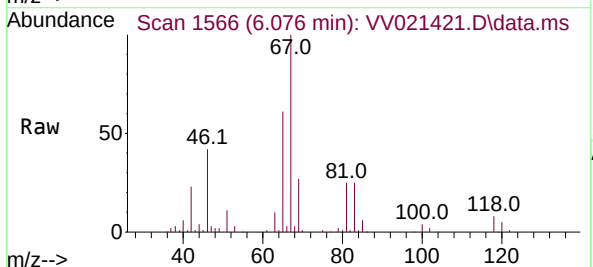
Instrument :
MSVOA_V
ClientSampleId :
GB461

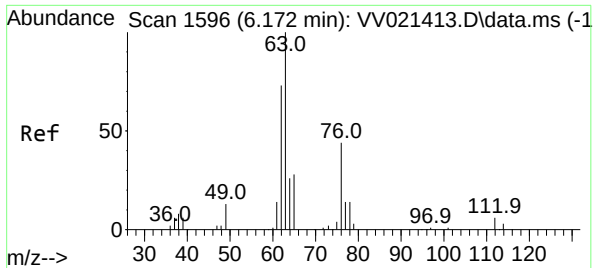
Tgt Ion: 83 Resp: 11604
Ion Ratio Lower Upper
83 100
85 59.8 45.8 85.2



#35
Methylcyclohexane
Concen: 0.83 ug/L
RT: 6.076 min Scan# 1566
Delta R.T. -0.051 min
Lab File: VV021421.D
Acq: 26 May 2021 13:26

Tgt Ion: 83 Resp: 21710
Ion Ratio Lower Upper
83 100
55 1.1 57.7 86.5#
98 0.5 40.6 61.0#

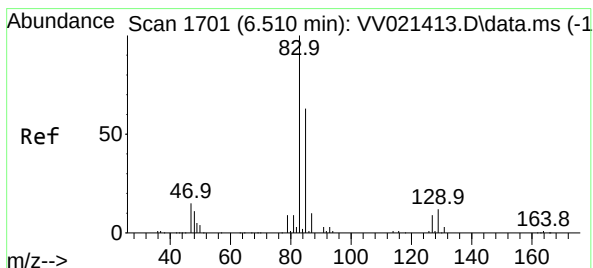
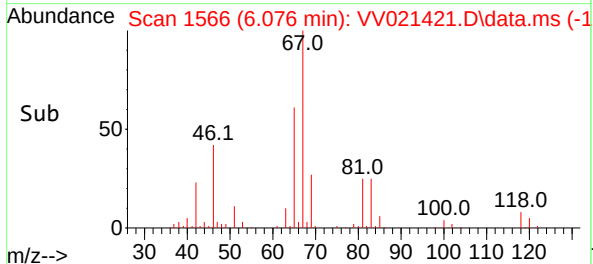
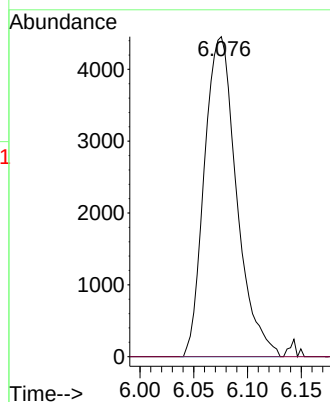
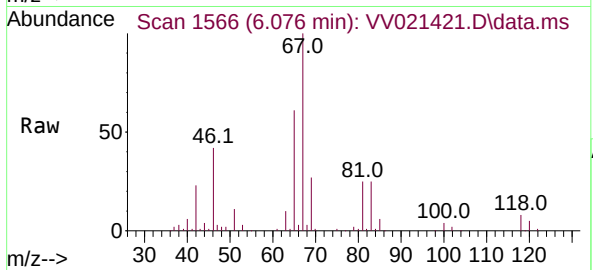




#37
1,2-Dichloropropane
Concen: 0.65 ug/L
RT: 6.076 min Scan# 1566
Delta R.T. -0.096 min
Lab File: VV021421.D
Acq: 26 May 2021 13:26

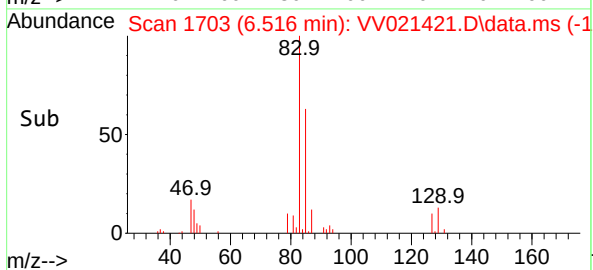
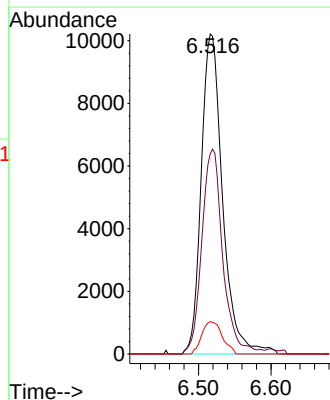
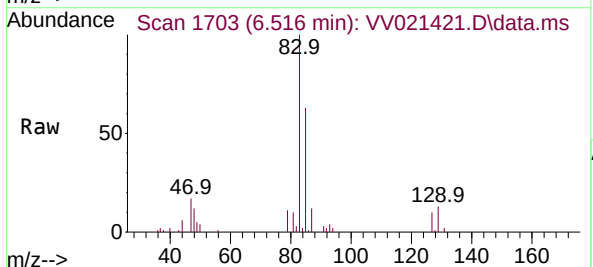
Instrument :
MSVOA_V
ClientSampled :
GB461

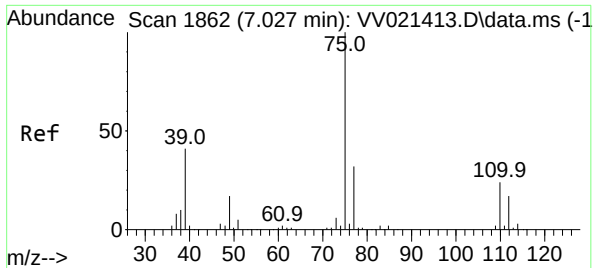
Tgt Ion: 63 Resp: 9299
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.8#



#38
Bromodichloromethane
Concen: 1.07 ug/L
RT: 6.516 min Scan# 1703
Delta R.T. 0.006 min
Lab File: VV021421.D
Acq: 26 May 2021 13:26

Tgt Ion: 83 Resp: 20913
Ion Ratio Lower Upper
83 100
85 62.5 46.2 85.8
127 10.1 7.3 10.9



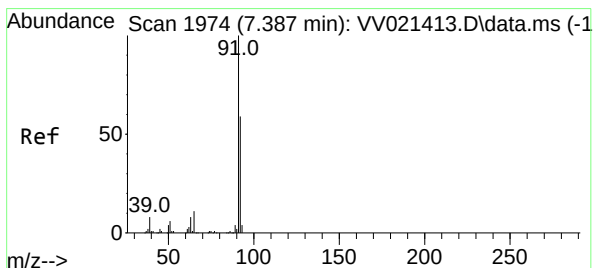
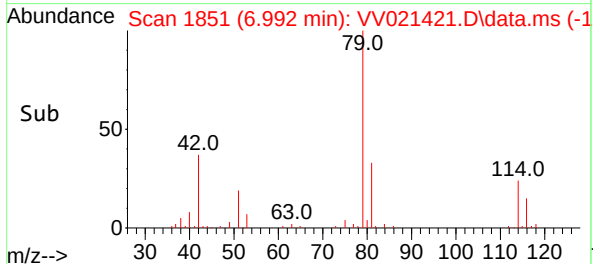
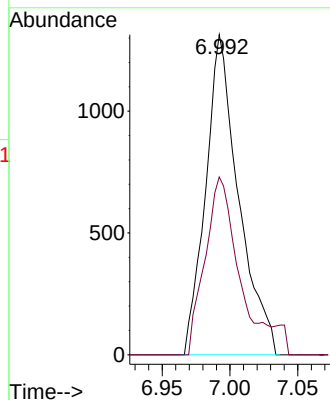
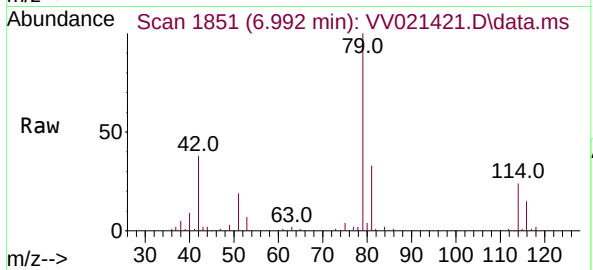


#39

cis-1,3-Dichloropropene
Concen: 0.10 ug/L
RT: 6.992 min Scan# 1851
Delta R.T. -0.035 min
Lab File: VV021421.D
Acq: 26 May 2021 13:26

Instrument :
MSVOA_V
ClientSampled :
GB461

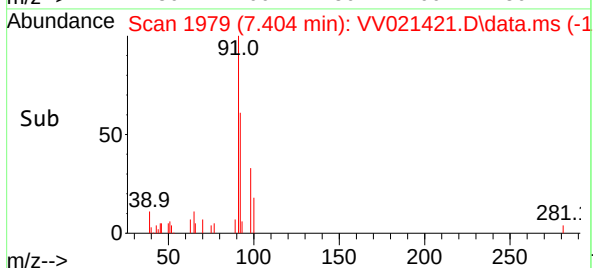
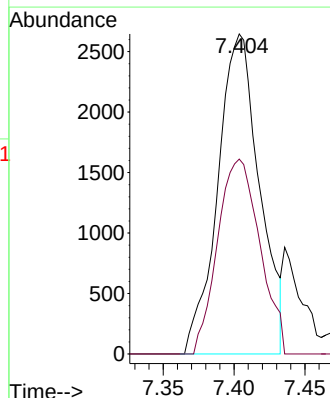
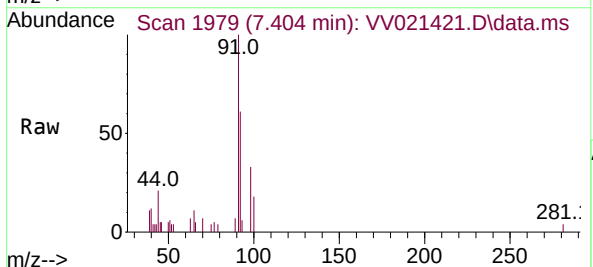
Tgt Ion: 75 Resp: 2218
Ion Ratio Lower Upper
75 100
77 55.6 22.8 42.4#

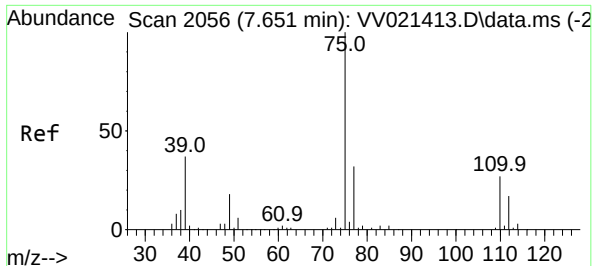


#42

Toluene
Concen: 0.09 ug/L
RT: 7.404 min Scan# 1979
Delta R.T. 0.016 min
Lab File: VV021421.D
Acq: 26 May 2021 13:26

Tgt Ion: 91 Resp: 5429
Ion Ratio Lower Upper
91 100
92 60.9 40.9 76.0

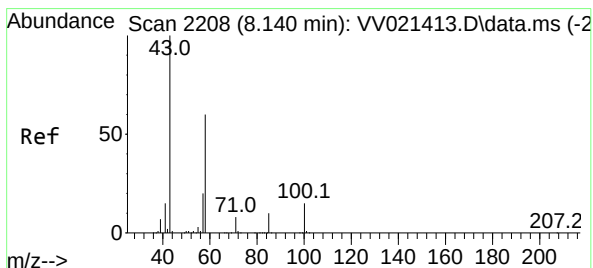
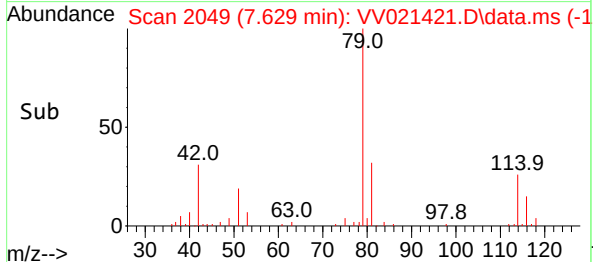
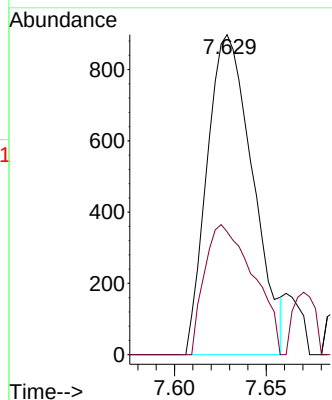
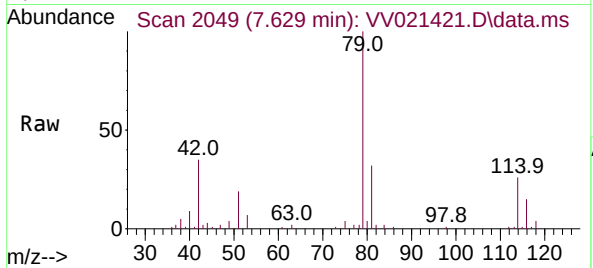




#44
trans-1,3-Dichloropropene
Concen: 0.08 ug/L
RT: 7.629 min Scan# 2049
Delta R.T. -0.022 min
Lab File: VV021421.D
Acq: 26 May 2021 13:26

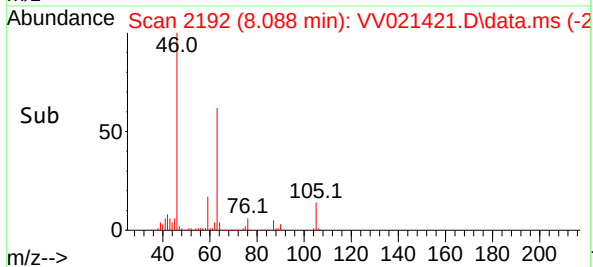
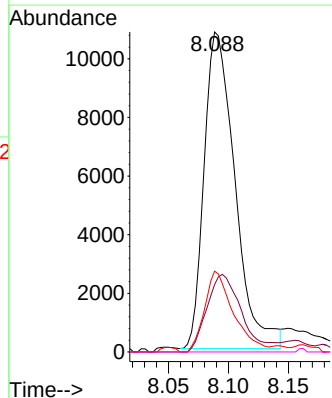
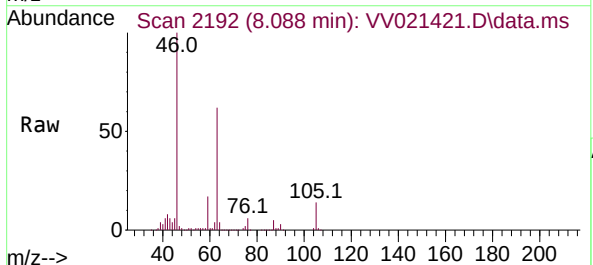
Instrument :
MSVOA_V
ClientSampled :
GB461

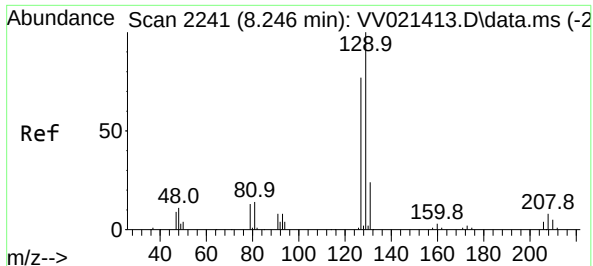
Tgt Ion: 75 Resp: 1551
Ion Ratio Lower Upper
75 100
77 38.4 22.2 41.2



#48
2-Hexanone
Concen: 3.26 ug/L
RT: 8.088 min Scan# 2192
Delta R.T. -0.051 min
Lab File: VV021421.D
Acq: 26 May 2021 13:26

Tgt Ion: 43 Resp: 19368
Ion Ratio Lower Upper
43 100
58 27.4 47.0 70.4#
57 23.8 15.4 23.2#
100 0.0 11.5 17.3#





#49

Dibromochloromethane

Concen: 1.76 ug/L

RT: 8.249 min Scan# 2242

Delta R.T. 0.003 min

Lab File: VV021421.D

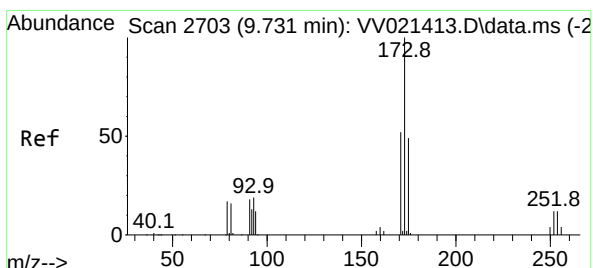
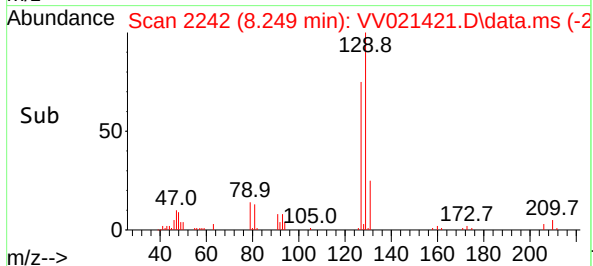
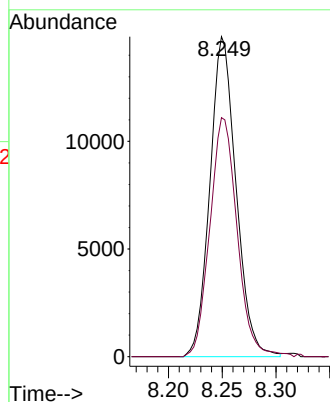
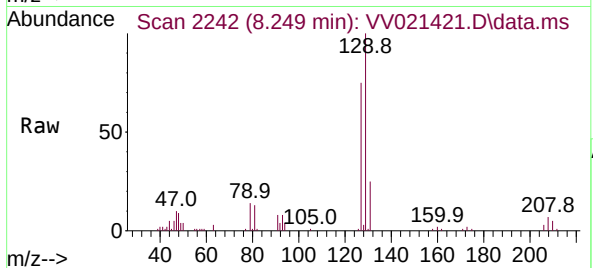
Acq: 26 May 2021 13:26

Tgt Ion:129 Resp: 25162

Ion Ratio Lower Upper

129 100

127 74.7 55.4 103.0



#59

Bromoform

Concen: 0.76 ug/L

RT: 9.738 min Scan# 2705

Delta R.T. 0.006 min

Lab File: VV021421.D

Acq: 26 May 2021 13:26

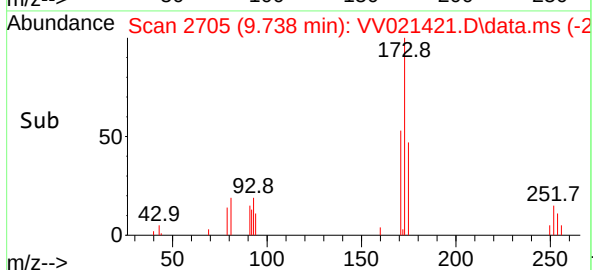
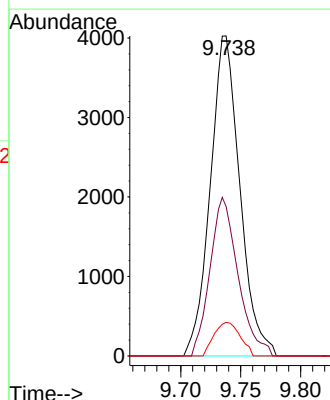
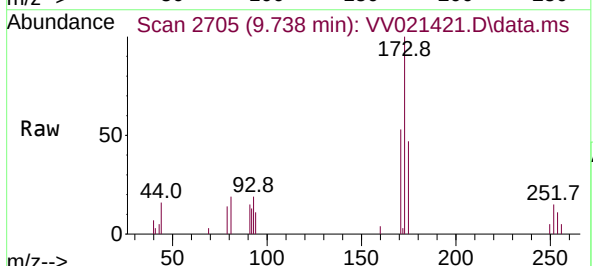
Tgt Ion:173 Resp: 6903

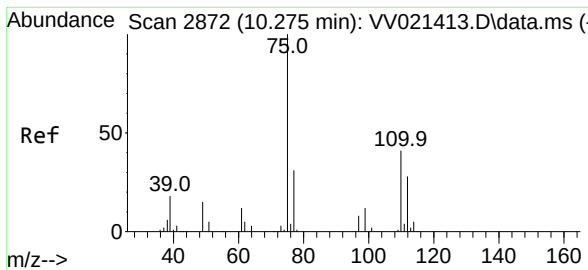
Ion Ratio Lower Upper

173 100

175 47.0 40.2 60.4

254 9.2 9.8 14.8#





#61
 1,2,3-Trichloropropane
 Concen: 1.32 ug/L
 RT: 11.249 min Scan# 3175
 Delta R.T. 0.974 min
 Lab File: VV021421.D
 Acq: 26 May 2021 13:26

Instrument :
 MSVOA_V
 ClientSampleId :
 GB461

Tgt Ion:	75	Resp:	11710
Ion	Ratio	Lower	Upper
75	100		
77	31.7	27.3	40.9
110	1.7	34.2	51.2#

