

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW052621\
 Data File : VW021417.D
 Acq On : 26 May 2021 11:50
 Operator : SY/MD
 Sample : M2496-12
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GB443

Quant Time: May 27 02:04:22 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)

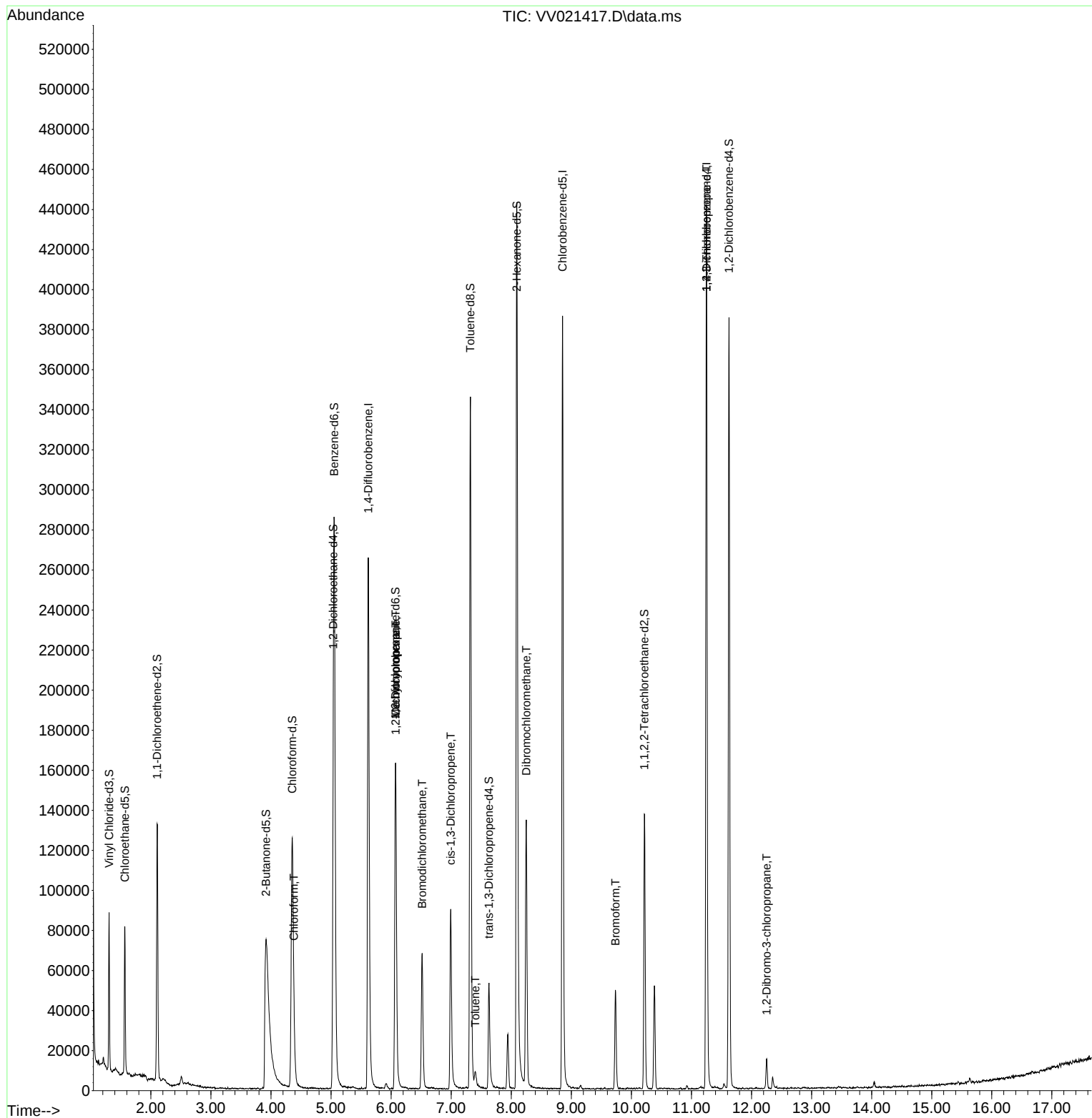
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	247041	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	225744	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	127958	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	46289	4.43	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.60%
7) Chloroethane-d5	1.568	69	48014	4.81	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.20%
11) 1,1-Dichloroethene-d2	2.105	63	64956	3.28	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.60%
20) 2-Butanone-d5	3.915	46	197784	52.64	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.28%
24) Chloroform-d	4.352	84	132797	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.60%
26) 1,2-Dichloroethane-d4	5.037	65	64498	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.80%
32) Benzene-d6	5.053	84	264789	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.60%
36) 1,2-Dichloropropane-d6	6.072	67	85854	4.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.40%
41) Toluene-d8	7.320	98	239812	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.40%
43) trans-1,3-Dichloroprop...	7.628	79	34089	4.65	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.00%
46) 2-Hexanone-d5	8.091	63	176911	51.25	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.50%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	68307	4.81	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.20%
66) 1,2-Dichlorobenzene-d4	11.625	152	106676	4.84	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.80%
Target Compounds						Qvalue
25) Chloroform	4.381	83	19066	0.69	ug/L	100
35) Methylcyclohexane	6.075	83	20403	0.77	ug/L #	19
37) 1,2-Dichloropropane	6.079	63	8930	0.61	ug/L #	85
38) Bromodichloromethane	6.516	83	47726	2.39	ug/L	100
39) cis-1,3-Dichloropropene	6.992	75	2306	0.10	ug/L #	75
42) Toluene	7.403	91	6349	0.10	ug/L	96
49) Dibromochloromethane	8.249	129	73037	4.98	ug/L	97
59) Bromoform	9.735	173	24429	2.64	ug/L	96
61) 1,2,3-Trichloropropane	11.249	75	12697	1.40	ug/L #	62
68) 1,2-Dibromo-3-chloropr...	12.249	75	434	0.20	ug/L #	1

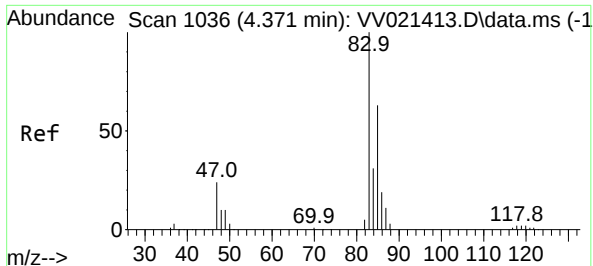
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu May 27 02:03:26 2021
Response via : Initial Calibration





#25

Chloroform

Concen: 0.69 ug/L

RT: 4.381 min Scan# 1039

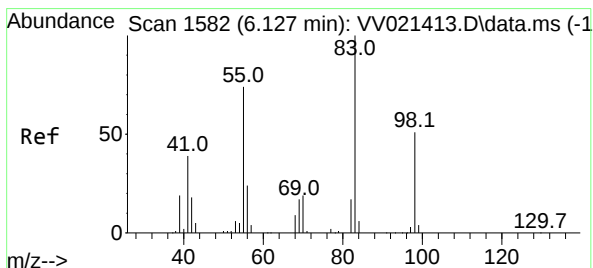
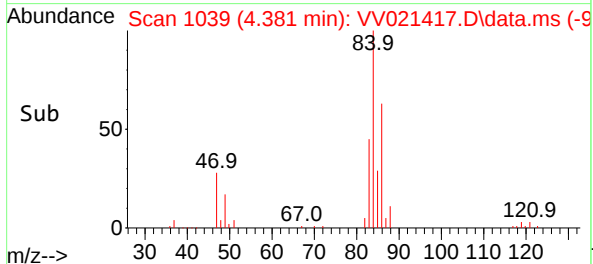
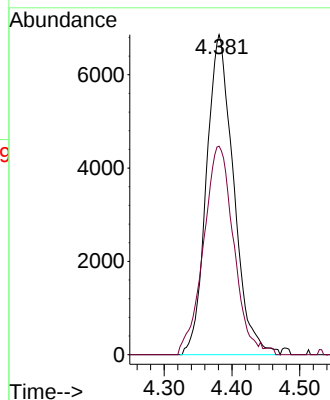
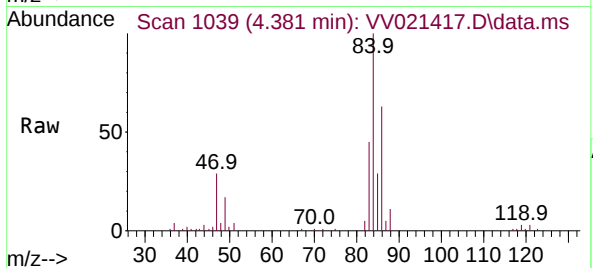
Delta R.T. 0.010 min

Lab File: VV021417.D

Acq: 26 May 2021 11:50

Instrument :
MSVOA_V
ClientSampled :
GB443

Tgt Ion: 83 Resp: 19066
Ion Ratio Lower Upper
83 100
85 65.1 45.8 85.2



#35

Methylcyclohexane

Concen: 0.77 ug/L

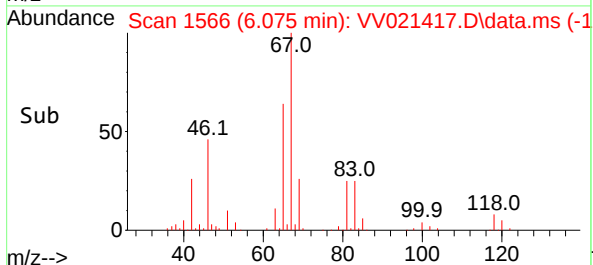
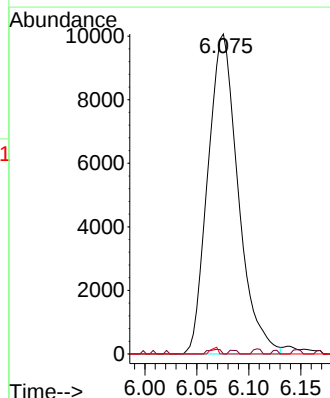
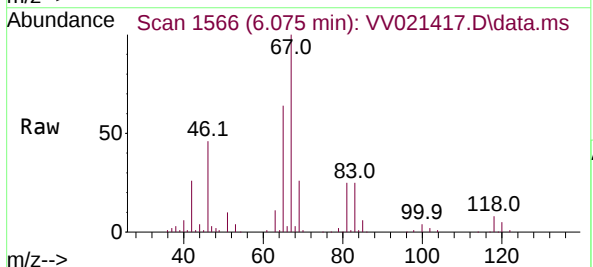
RT: 6.075 min Scan# 1566

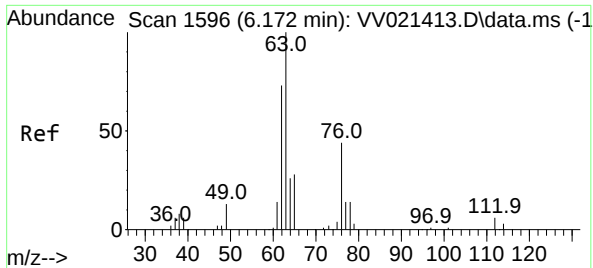
Delta R.T. -0.052 min

Lab File: VV021417.D

Acq: 26 May 2021 11:50

Tgt Ion: 83 Resp: 20403
Ion Ratio Lower Upper
83 100
55 0.3 57.7 86.5#
98 0.0 40.6 61.0#

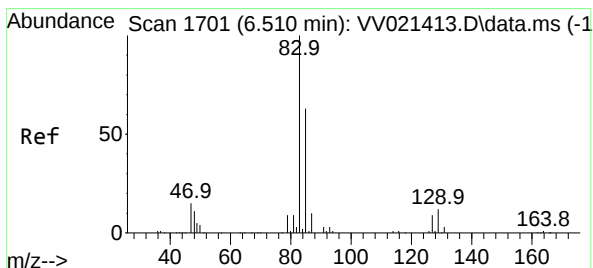
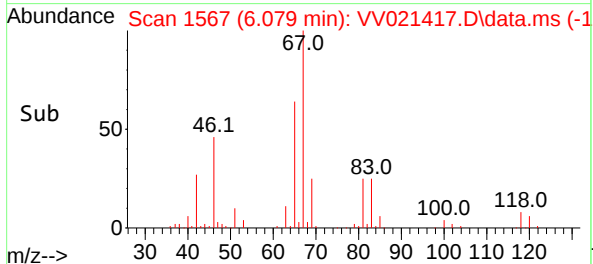
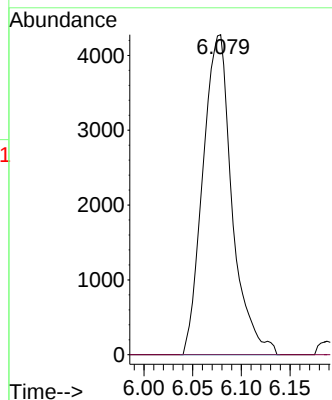
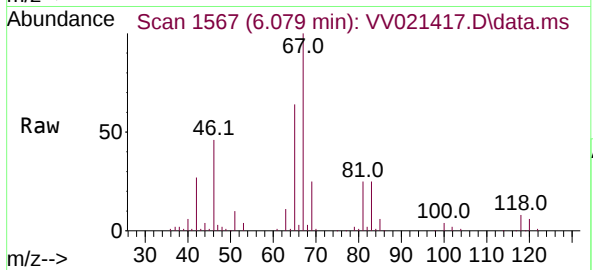




#37
1,2-Dichloropropane
Concen: 0.61 ug/L
RT: 6.079 min Scan# 1567
Delta R.T. -0.093 min
Lab File: VV021417.D
Acq: 26 May 2021 11:50

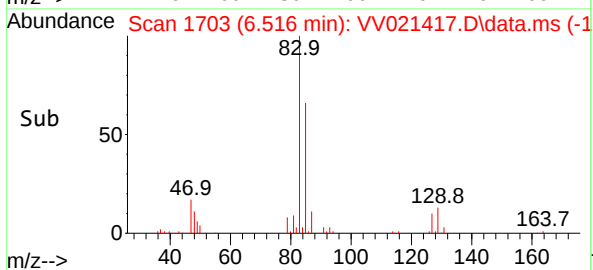
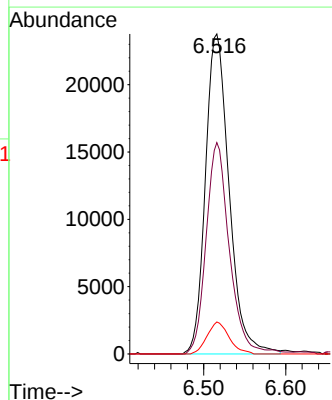
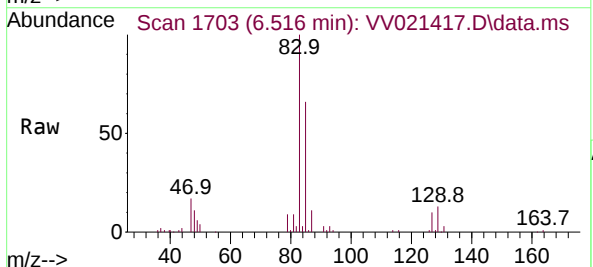
Instrument :
MSVOA_V
ClientSampleId :
GB443

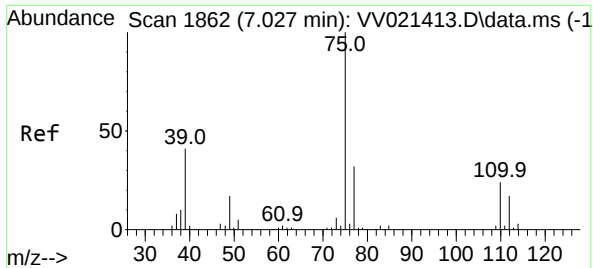
Tgt Ion: 63 Resp: 8930
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.8#



#38
Bromodichloromethane
Concen: 2.39 ug/L
RT: 6.516 min Scan# 1703
Delta R.T. 0.006 min
Lab File: VV021417.D
Acq: 26 May 2021 11:50

Tgt Ion: 83 Resp: 47726
Ion Ratio Lower Upper
83 100
85 66.0 46.2 85.8
127 10.0 7.3 10.9

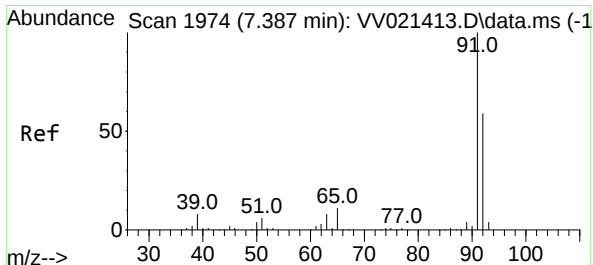
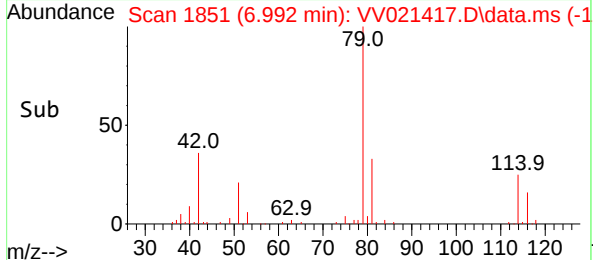
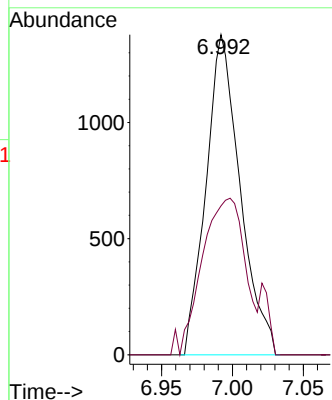
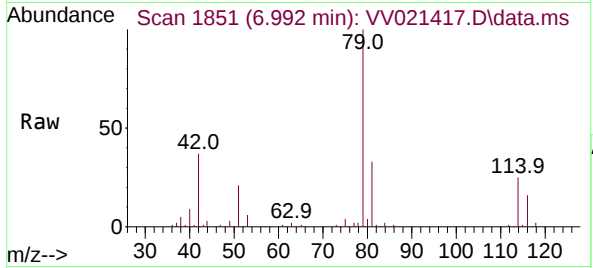




#39
cis-1,3-Dichloropropene
Concen: 0.10 ug/L
RT: 6.992 min Scan# 1851
Delta R.T. -0.035 min
Lab File: VV021417.D
Acq: 26 May 2021 11:50

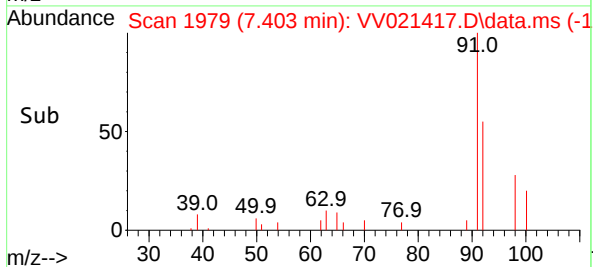
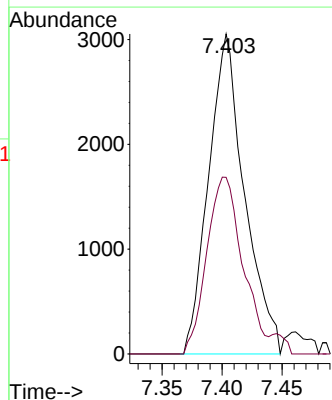
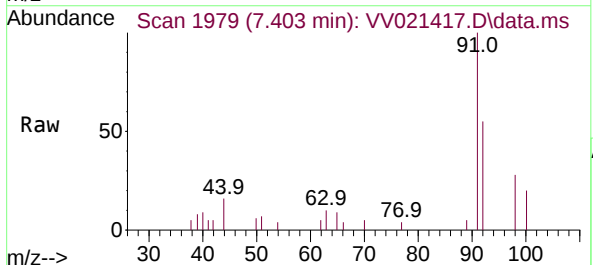
Instrument :
MSVOA_V
ClientSampleId :
GB443

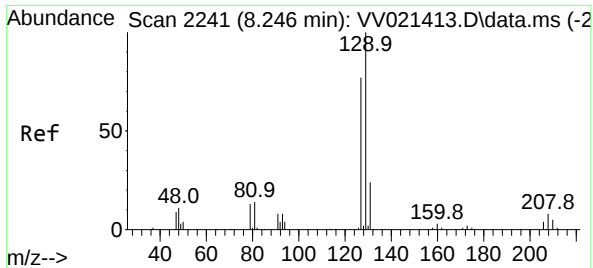
Tgt Ion: 75 Resp: 2306
Ion Ratio Lower Upper
75 100
77 46.5 22.8 42.4#



#42
Toluene
Concen: 0.10 ug/L
RT: 7.403 min Scan# 1979
Delta R.T. 0.016 min
Lab File: VV021417.D
Acq: 26 May 2021 11:50

Tgt Ion: 91 Resp: 6349
Ion Ratio Lower Upper
91 100
92 55.2 40.9 76.0

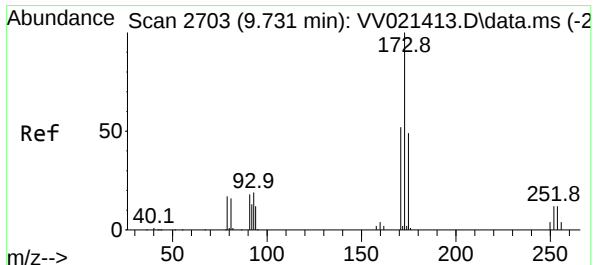
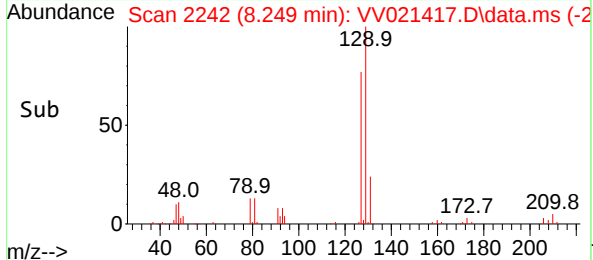
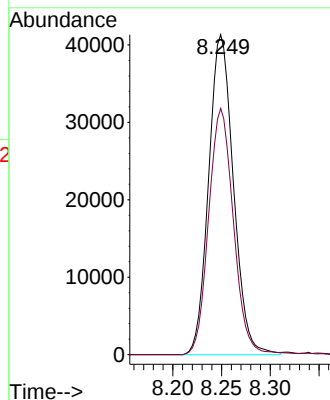
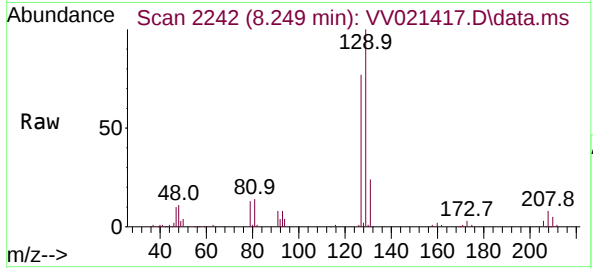




#49
Dibromochloromethane
Concen: 4.98 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. 0.003 min
Lab File: VV021417.D
Acq: 26 May 2021 11:50

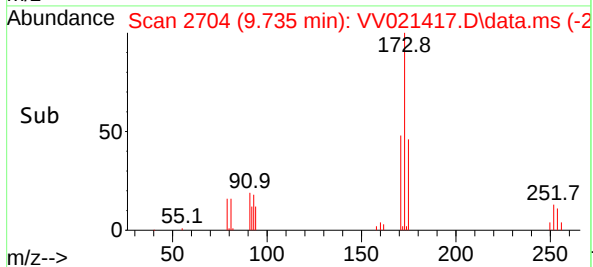
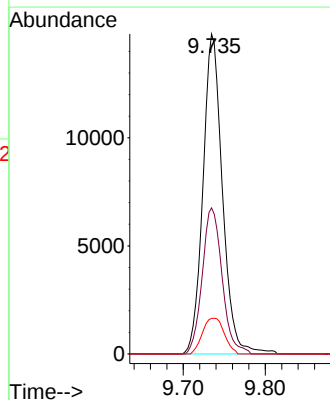
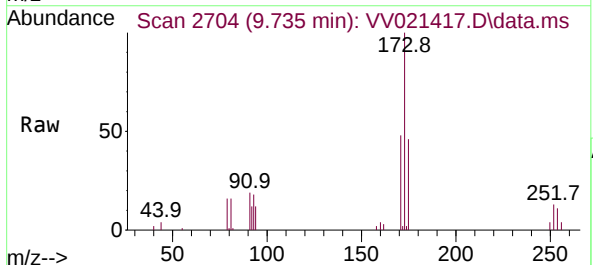
Instrument :
MSVOA_V
ClientSampleId :
GB443

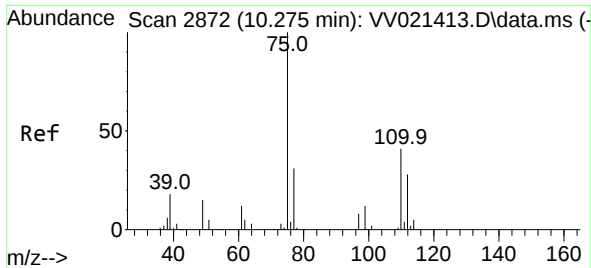
Tgt Ion:129 Resp: 73037
Ion Ratio Lower Upper
129 100
127 77.0 55.4 103.0



#59
Bromoform
Concen: 2.64 ug/L
RT: 9.735 min Scan# 2704
Delta R.T. 0.003 min
Lab File: VV021417.D
Acq: 26 May 2021 11:50

Tgt Ion:173 Resp: 24429
Ion Ratio Lower Upper
173 100
175 46.5 40.2 60.4
254 12.4 9.8 14.8

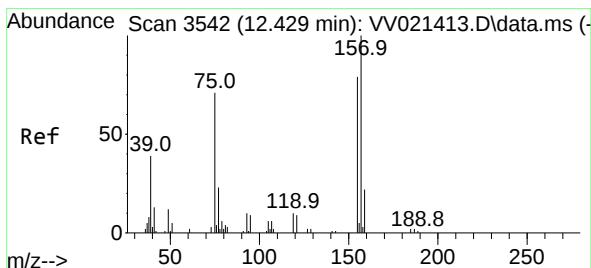
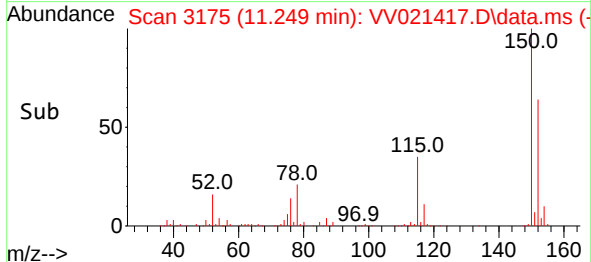
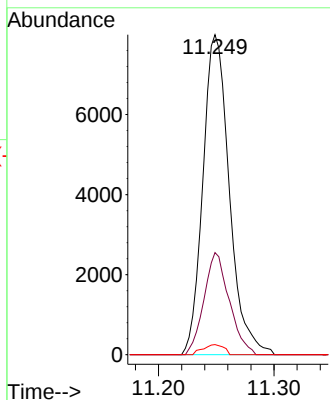
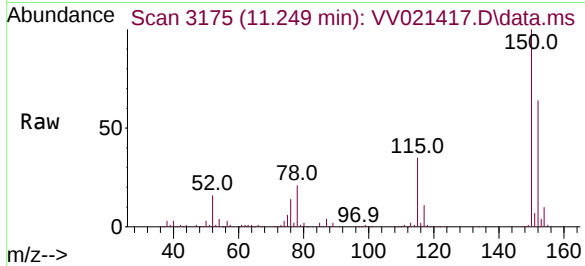




#61
1,2,3-Trichloropropane
Concen: 1.40 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.974 min
Lab File: VV021417.D
Acq: 26 May 2021 11:50

Instrument :
MSVOA_V
ClientSampled :
GB443

Tgt Ion:	75	Resp:	12697
Ion Ratio	Lower	Upper	
75	100		
77	30.5	27.3	40.9
110	2.5	34.2	51.2#



#68
1,2-Dibromo-3-chloropropane
Concen: 0.20 ug/L
RT: 12.249 min Scan# 3486
Delta R.T. -0.180 min
Lab File: VV021417.D
Acq: 26 May 2021 11:50

Tgt Ion:	75	Resp:	434
Ion Ratio	Lower	Upper	
75	100		
155	0.0	87.2	130.8#
157	0.0	106.1	159.1#

