

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052421\
 Data File : VU043950.D
 Acq On : 25 May 2021 09:49
 Operator : SY/MD
 Sample : M2494-03DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB416DL

Quant Time: May 25 14:28:24 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR052421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue May 25 07:46:23 2021
 Response via : Initial Calibration

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

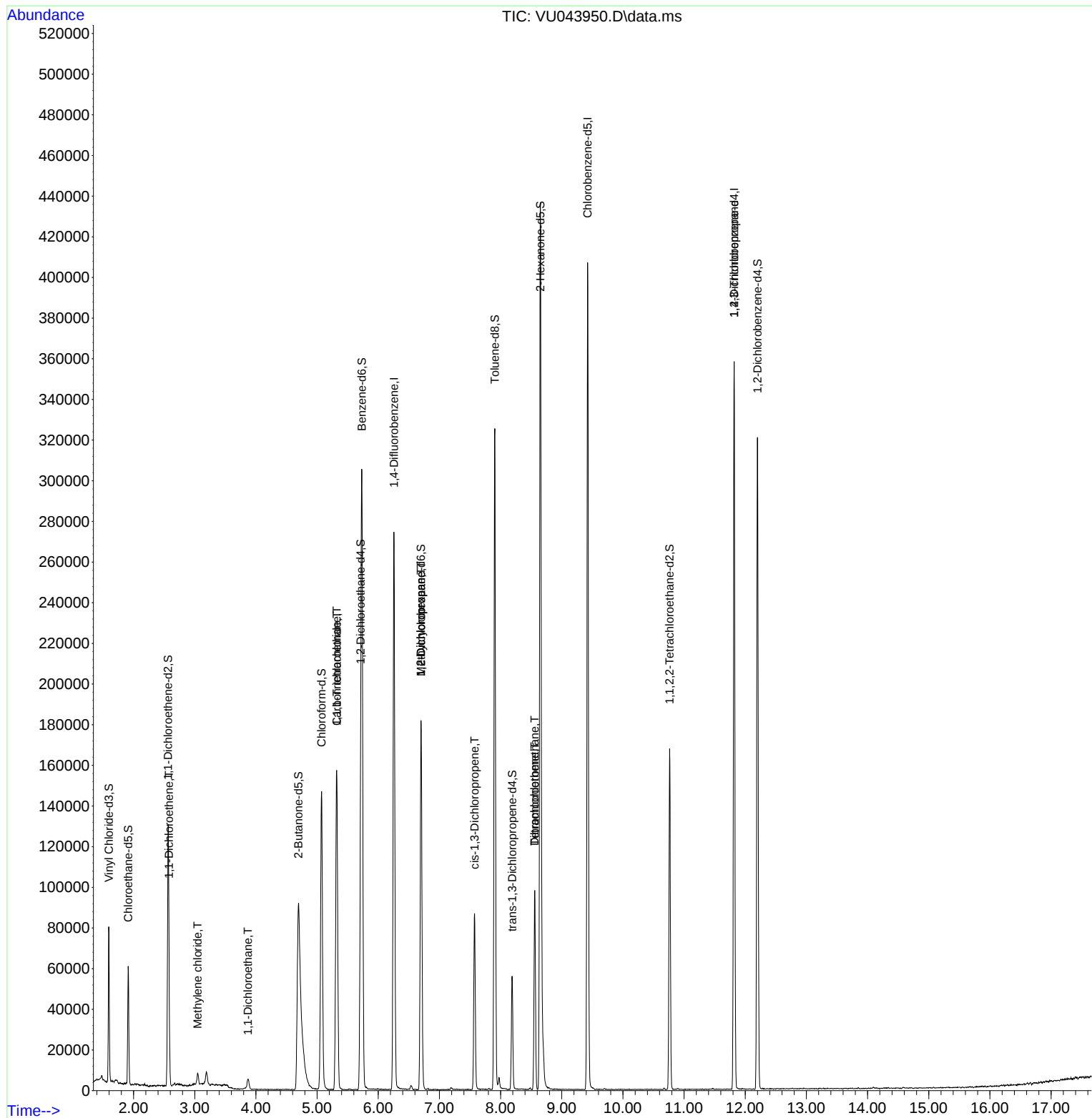
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	226811	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	236350	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	100976	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	53171	4.21	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.20%
7) Chloroethane-d5	1.912	69	41940	4.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.00%
11) 1,1-Dichloroethene-d2	2.565	65	22300	3.63	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.60%
20) 2-Butanone-d5	4.697	46	210602	52.61	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.22%
24) Chloroform-d	5.073	84	139100	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.40%
26) 1,2-Dichloroethane-d4	5.713	65	74802	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.40%
32) Benzene-d6	5.732	84	274669	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.60%
36) 1,2-Dichloropropane-d6	6.700	67	89786	4.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.00%
41) Toluene-d8	7.906	98	221624	4.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.20%
43) trans-1,3-Dichloroprop...	8.189	79	31614	4.33	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.60%
46) 2-Hexanone-d5	8.648	63	149366	46.75	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.50%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	82416	4.69	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.80%
66) 1,2-Dichlorobenzene-d4	12.201	152	90798	4.95	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.00%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.578	96	7131	0.49	ug/L #	1
16) Methylene chloride	3.047	84	2444	0.13	ug/L	93
19) 1,1-Dichloroethane	3.867	63	5291	0.20	ug/L #	90
29) 1,1,1-Trichloroethane	5.321	97	116415	4.76	ug/L	99
31) Carbon tetrachloride	5.321	117	16727	0.80	ug/L	100
35) Methylcyclohexane	6.700	83	20954	0.86	ug/L #	19
37) 1,2-Dichloropropane	6.700	63	8807	0.52	ug/L #	86
39) cis-1,3-Dichloropropene	7.575	75	1926	0.09	ug/L #	53
47) Tetrachloroethene	8.558	164	23357	1.63	ug/L	99
49) Dibromochloromethane	8.558	129	21620	1.44	ug/L #	11
61) 1,2,3-Trichloropropane	11.819	75	10517	1.13	ug/L #	69

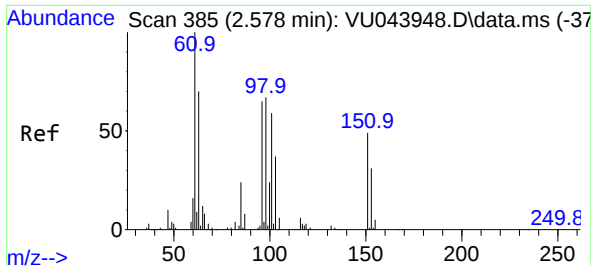
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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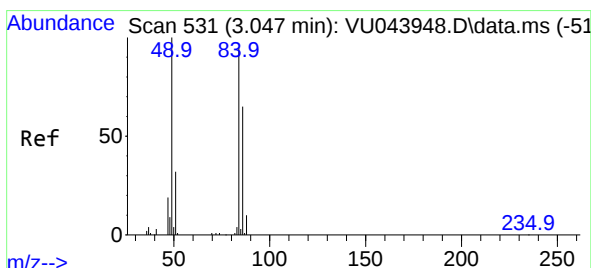
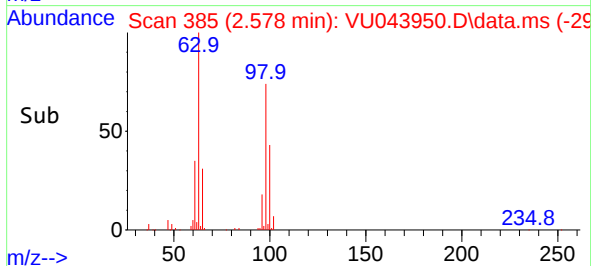
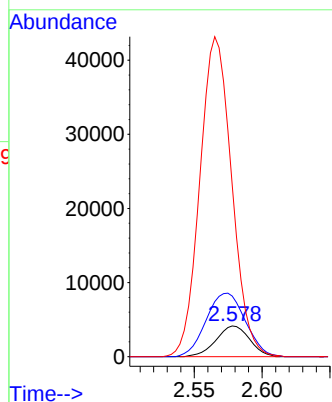
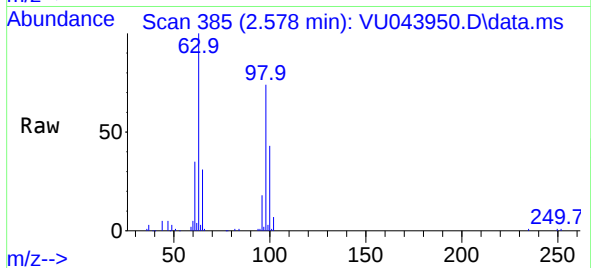




#12
1,1-Dichloroethene
Concen: 0.49 ug/L
RT: 2.578 min Scan# 385
Delta R.T. 0.000 min
Lab File: VU043950.D
Acq: 25 May 2021 09:49

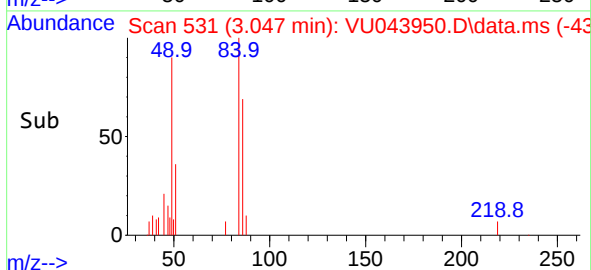
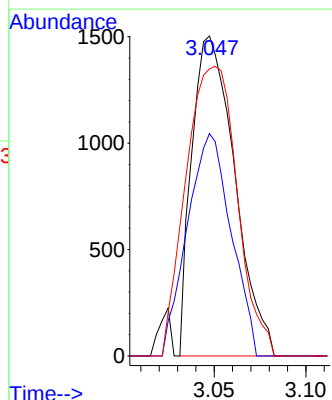
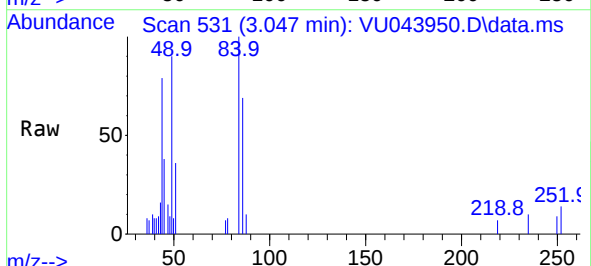
Instrument :
MSVOA_U
ClientSampled :
GB416DL

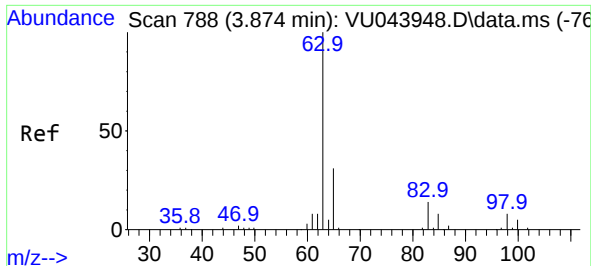
Tgt Ion: 96 Resp: 7131
Ion Ratio Lower Upper
96 100
61 197.1 105.1 195.3#
63 557.9 66.6 123.6#



#16
Methylene chloride
Concen: 0.13 ug/L
RT: 3.047 min Scan# 531
Delta R.T. 0.000 min
Lab File: VU043950.D
Acq: 25 May 2021 09:49

Tgt Ion: 84 Resp: 2444
Ion Ratio Lower Upper
84 100
86 69.5 45.6 84.8
49 97.3 74.2 137.8



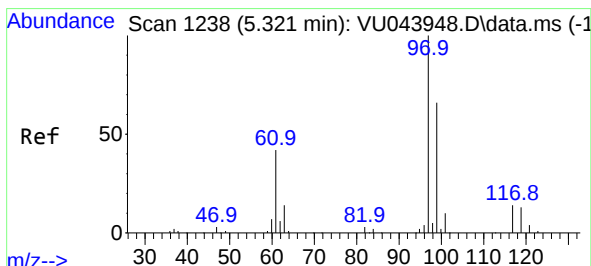
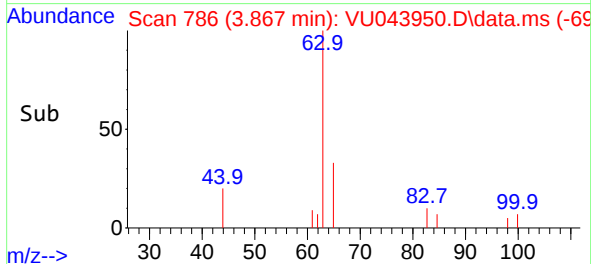
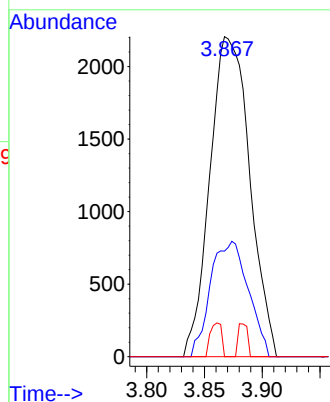
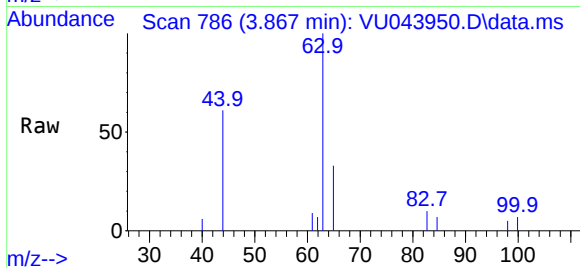


#19
1,1-Dichloroethane
Concen: 0.20 ug/L
RT: 3.867 min Scan# 786
Delta R.T. -0.006 min
Lab File: VU043950.D
Acq: 25 May 2021 09:49

Instrument :
MSVOA_U
ClientSampled :
GB416DL

Tgt Ion: 63 Resp: 5291

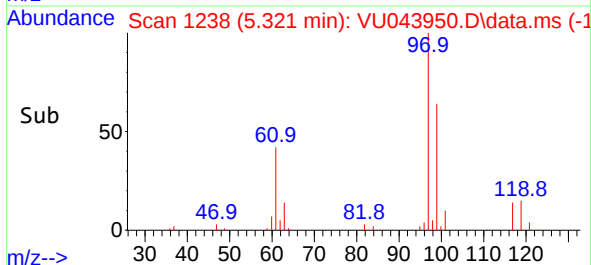
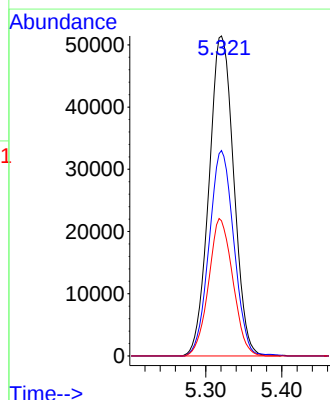
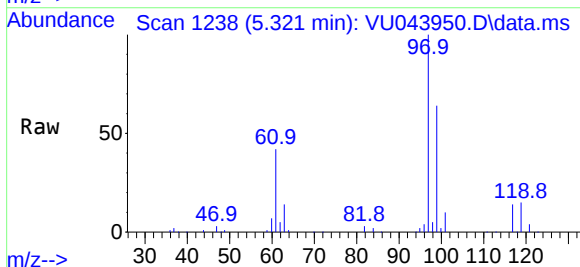
Ion	Ratio	Lower	Upper
63	100		
65	33.0	23.2	43.2
83	0.0	9.7	18.1

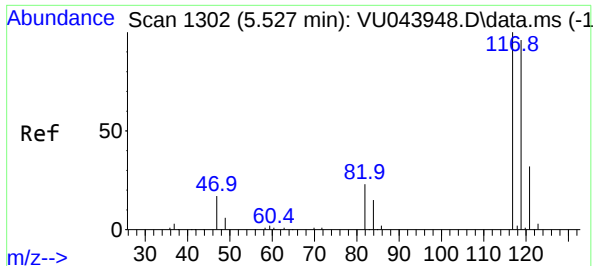


#29
1,1,1-Trichloroethane
Concen: 4.76 ug/L
RT: 5.321 min Scan# 1238
Delta R.T. 0.000 min
Lab File: VU043950.D
Acq: 25 May 2021 09:49

Tgt Ion: 97 Resp: 116415

Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.9	77.9
61	41.9	34.7	52.1

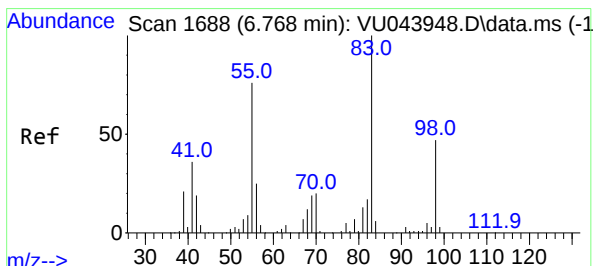
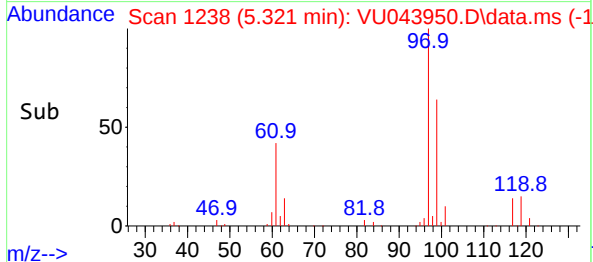
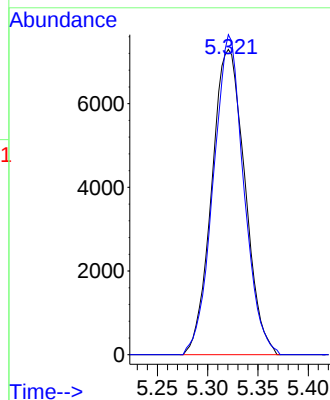
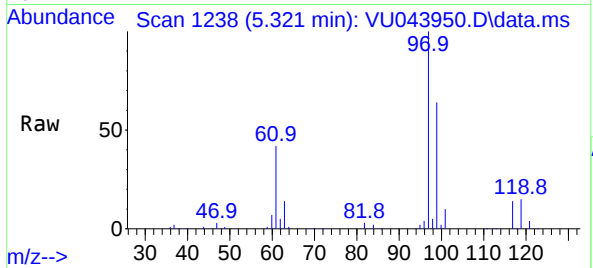




#31
Carbon tetrachloride
Concen: 0.80 ug/L
RT: 5.321 min Scan# 1238
Delta R.T. -0.206 min
Lab File: VU043950.D
Acq: 25 May 2021 09:49

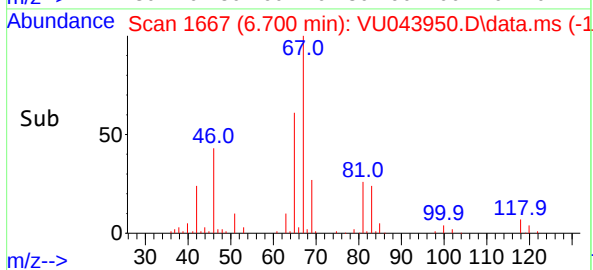
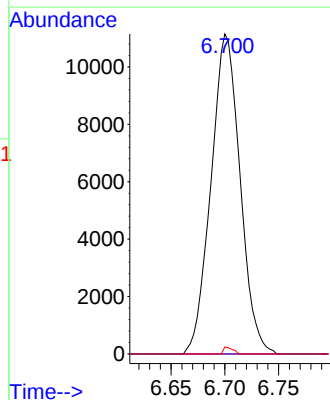
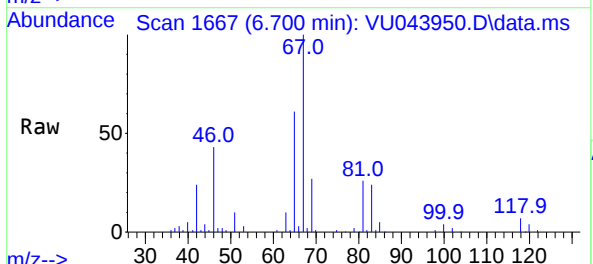
Instrument :
MSVOA_U
ClientSampleId :
GB416DL

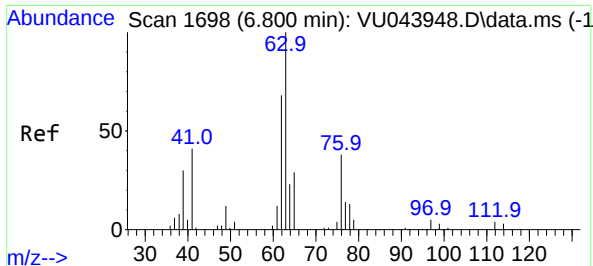
Tgt Ion:117 Resp: 16727
Ion Ratio Lower Upper
117 100
119 96.4 77.4 116.0



#35
Methylcyclohexane
Concen: 0.86 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.064 min
Lab File: VU043950.D
Acq: 25 May 2021 09:49

Tgt Ion: 83 Resp: 20954
Ion Ratio Lower Upper
83 100
55 0.0 61.2 91.8#
98 0.7 37.0 55.4#

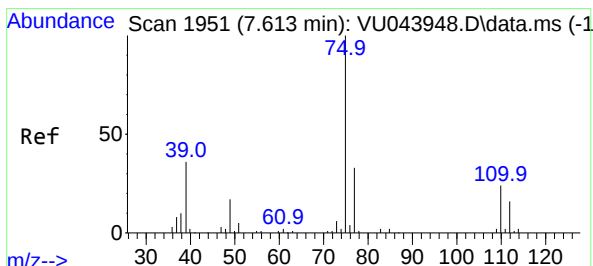
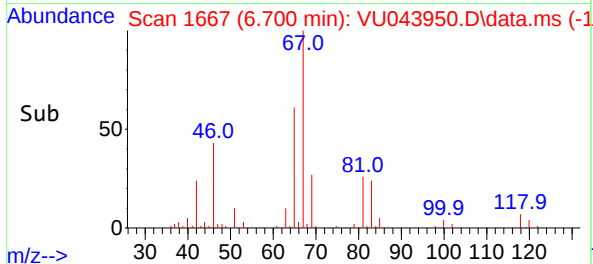
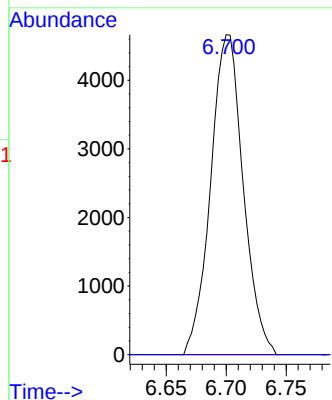
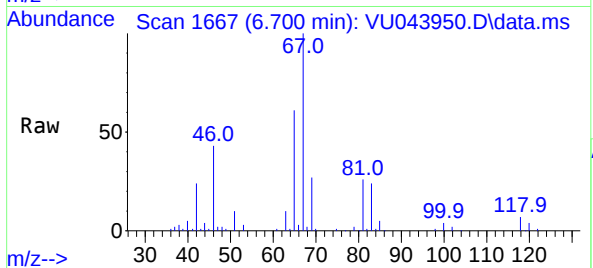




#37
1,2-Dichloropropane
Concen: 0.52 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU043950.D
Acq: 25 May 2021 09:49

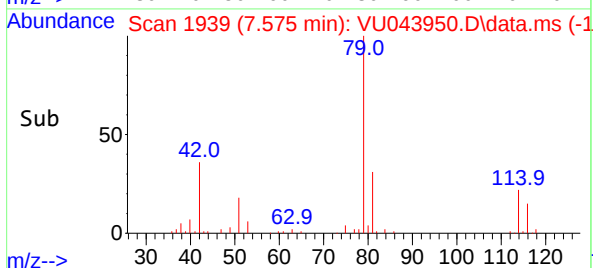
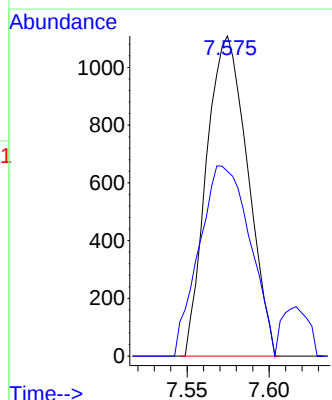
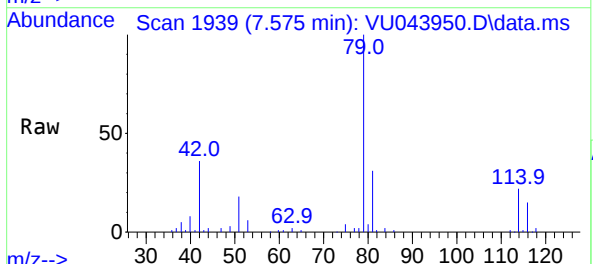
Tgt Ion: 63 Resp: 8807
Ion Ratio Lower Upper
63 100
112 0.0 3.7 5.5#

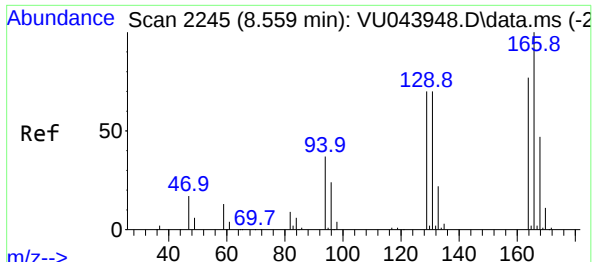
Instrument :
MSVOA_U
ClientSampleId :
GB416DL



#39
cis-1,3-Dichloropropene
Concen: 0.09 ug/L
RT: 7.575 min Scan# 1939
Delta R.T. -0.039 min
Lab File: VU043950.D
Acq: 25 May 2021 09:49

Tgt Ion: 75 Resp: 1926
Ion Ratio Lower Upper
75 100
77 57.7 22.3 41.3#



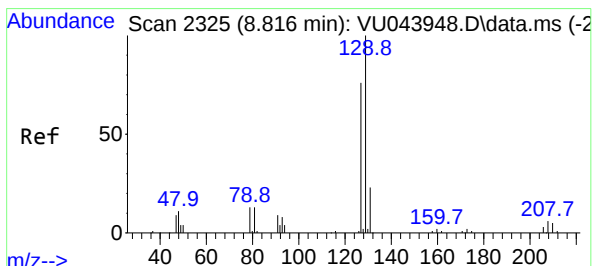
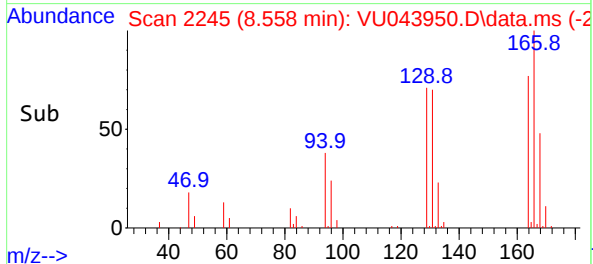
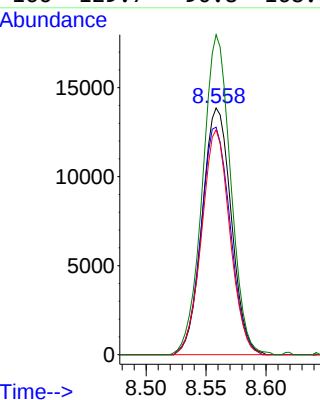
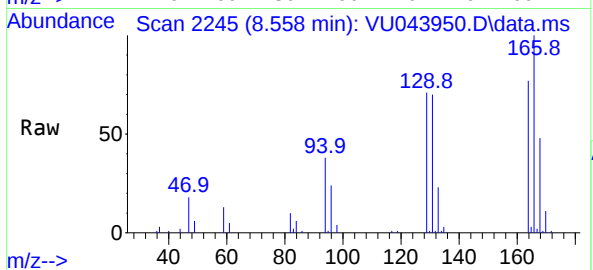


#47
Tetrachloroethene
Concen: 1.63 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. 0.000 min
Lab File: VU043950.D
Acq: 25 May 2021 09:49

Instrument :
MSVOA_U
ClientSampleId :
GB416DL

Tgt Ion:164 Resp: 23357

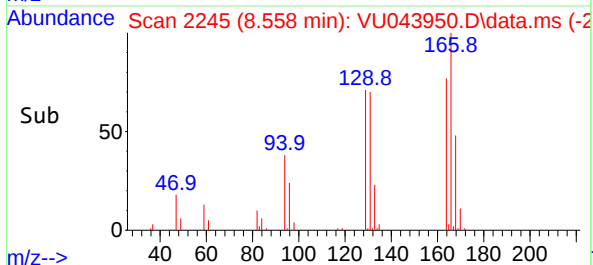
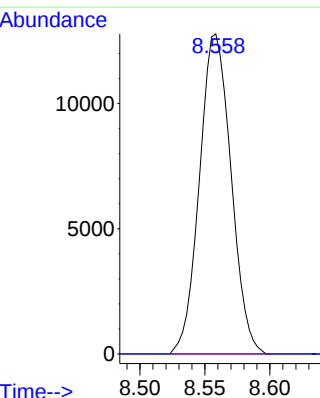
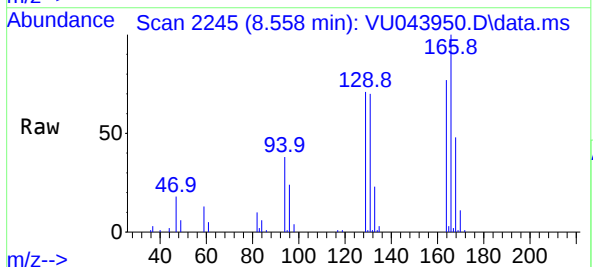
Ion	Ratio	Lower	Upper
164	100		
129	92.2	64.1	119.1
131	91.2	64.5	119.9
166	129.7	90.8	168.6

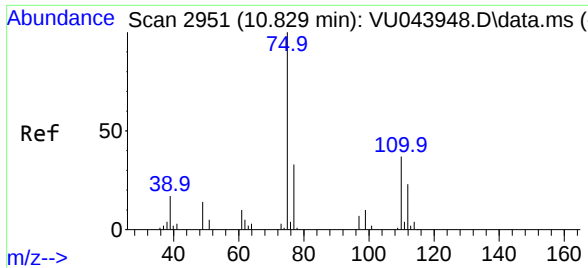


#49
Dibromochloromethane
Concen: 1.44 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.257 min
Lab File: VU043950.D
Acq: 25 May 2021 09:49

Tgt Ion:129 Resp: 21620

Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.1	100.5#





#61
 1,2,3-Trichloropropane
 Concen: 1.13 ug/L
 RT: 11.819 min Scan# 3259
 Delta R.T. 0.990 min
 Lab File: VU043950.D
 Acq: 25 May 2021 09:49

Instrument :
 MSVOA_U
 ClientSampleId :
 GB416DL

Tgt Ion:	75	Resp:	10517
Ion	Ratio	Lower	Upper
75	100		
110	1.9	29.3	43.9#
77	33.3	26.3	39.5

