

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052021\
 Data File : VU043869.D
 Acq On : 20 May 2021 16:51
 Operator : SY/MD
 Sample : M2475-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB402

Quant Time: May 21 01:19:39 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri May 21 01:15:23 2021
 Response via : Initial Calibration

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

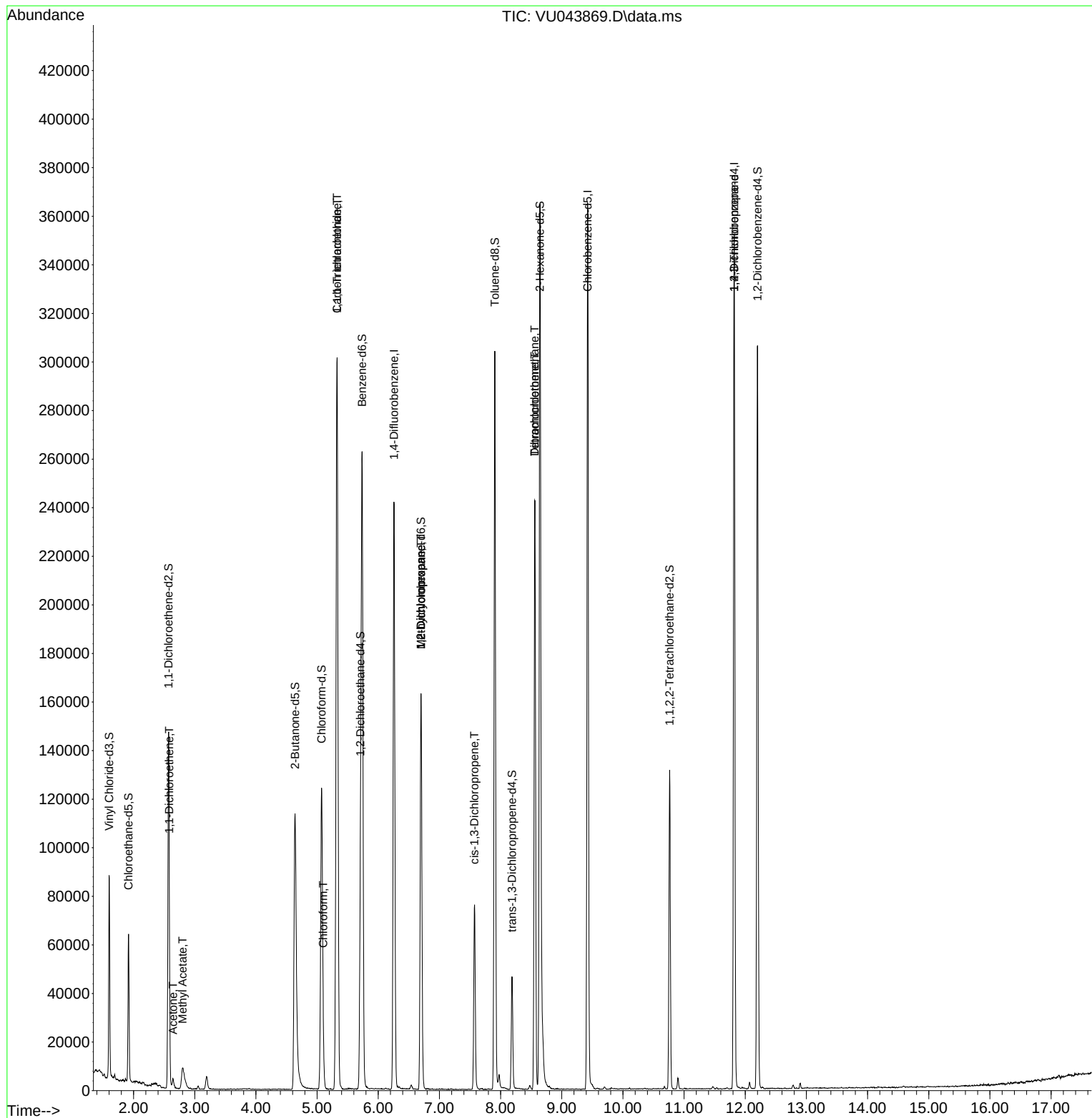
Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	200775	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	212572	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	100413	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	58495	3.95	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.00%
7) Chloroethane-d5	1.916	69	44039	4.26	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.20%
11) 1,1-Dichloroethene-d2	2.571	65	26856	4.37	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.40%
20) 2-Butanone-d5	4.639	46	164179	58.33	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.66%
24) Chloroform-d	5.073	84	114125	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.80%
26) 1,2-Dichloroethane-d4	5.710	65	63476	5.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.00%
32) Benzene-d6	5.735	84	252096	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.40%
36) 1,2-Dichloropropane-d6	6.700	67	80961	4.71	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.20%
41) Toluene-d8	7.906	98	207034	4.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.00%
43) trans-1,3-Dichloroprop...	8.185	79	26869	4.21	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.20%
46) 2-Hexanone-d5	8.642	63	127986	44.49	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.98%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	66124	4.68	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.60%
66) 1,2-Dichlorobenzene-d4	12.201	152	87418	5.22	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.40%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.584	96	3656	0.28	ug/L #	1
13) Acetone	2.645	43	4939	2.76	ug/L	92
15) Methyl Acetate	2.800	43	4028	0.76	ug/L #	51
25) Chloroform	5.099	83	12127	0.49	ug/L	88
29) 1,1,1-Trichloroethane	5.327	97	221091	9.97	ug/L	99
31) Carbon tetrachloride	5.327	117	30592	1.65	ug/L	100
35) Methylcyclohexane	6.700	83	19115	0.78	ug/L #	17
37) 1,2-Dichloropropane	6.700	63	8254	0.51	ug/L #	88
39) cis-1,3-Dichloropropene	7.571	75	1799	0.08	ug/L #	68
47) Tetrachloroethene	8.558	164	59055	4.63	ug/L	99
49) Dibromochloromethane	8.558	129	53131	4.12	ug/L #	11
61) 1,2,3-Trichloropropane	11.819	75	10315	1.08	ug/L #	69

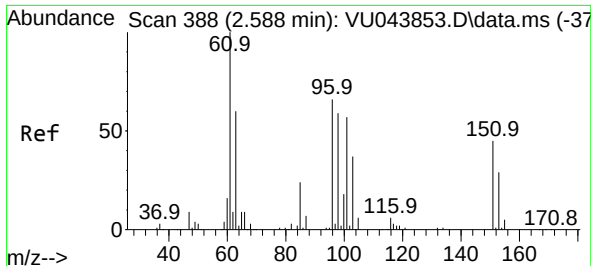
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.28 ug/L

RT: 2.584 min Scan# 387

Delta R.T. -0.003 min

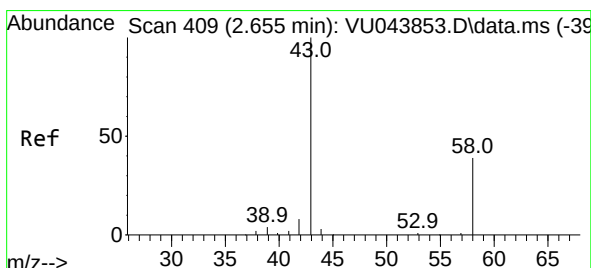
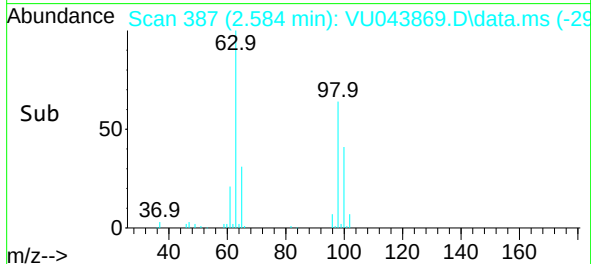
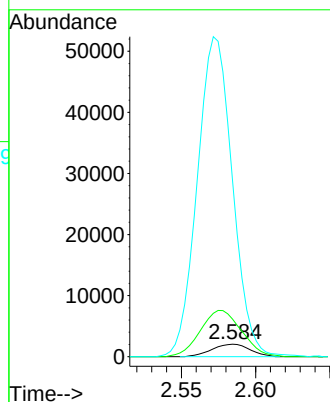
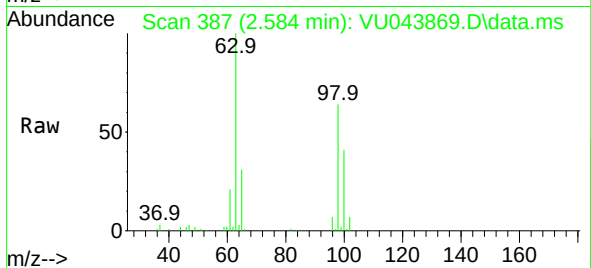
Lab File: VU043869.D

Acq: 20 May 2021 16:51

Tgt Ion: 96 Resp: 3656

Ion	Ratio	Lower	Upper
96	100		
61	302.5	117.5	218.1#
63	1420.6	77.3	143.7#

Instrument :
MSVOA_U
ClientSampleId :
GB402



#13

Acetone

Concen: 2.76 ug/L

RT: 2.645 min Scan# 406

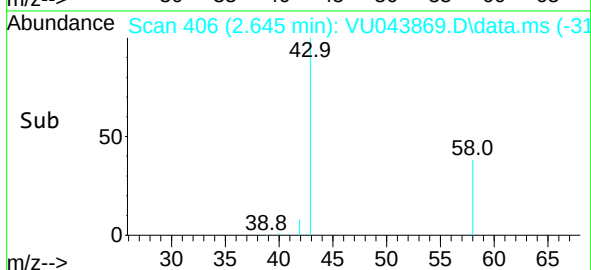
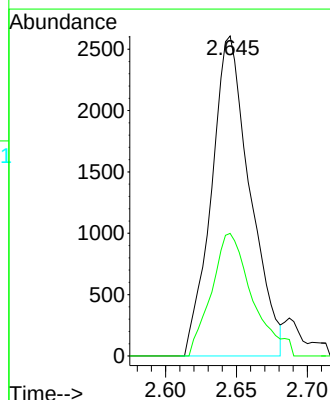
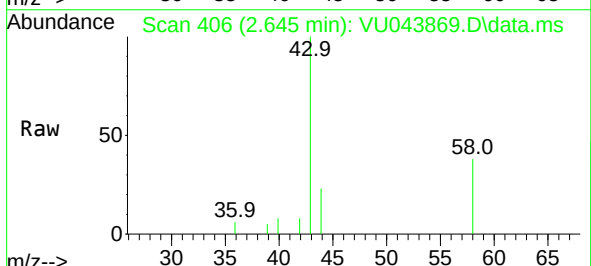
Delta R.T. -0.010 min

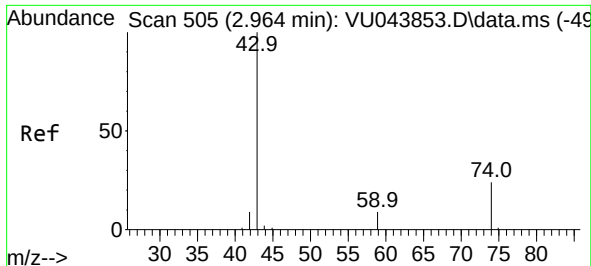
Lab File: VU043869.D

Acq: 20 May 2021 16:51

Tgt Ion: 43 Resp: 4939

Ion	Ratio	Lower	Upper
43	100		
58	40.5	0.0	71.6

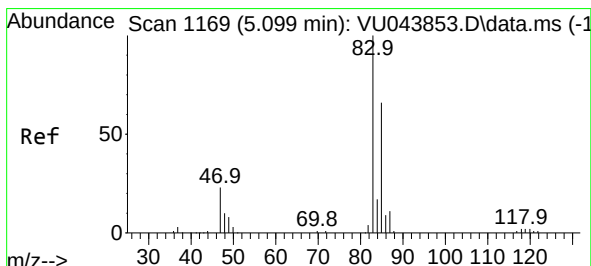
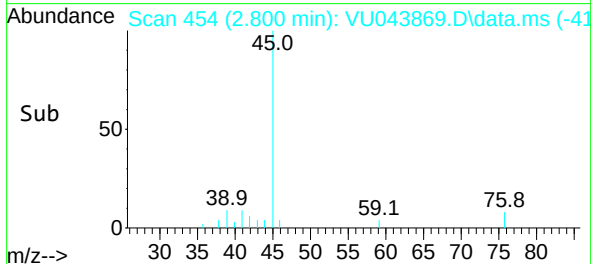
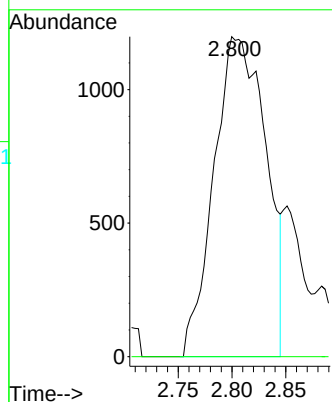
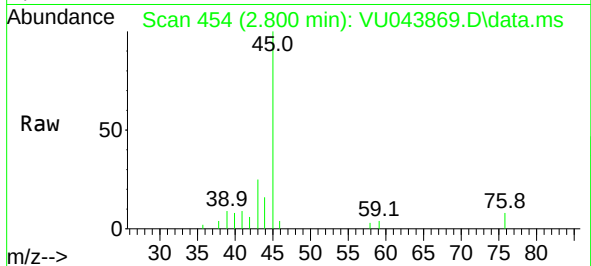




#15
Methyl Acetate
Concen: 0.76 ug/L
RT: 2.800 min Scan# 454
Delta R.T. -0.164 min
Lab File: VU043869.D
Acq: 20 May 2021 16:51

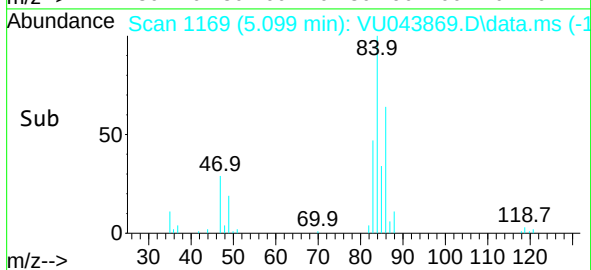
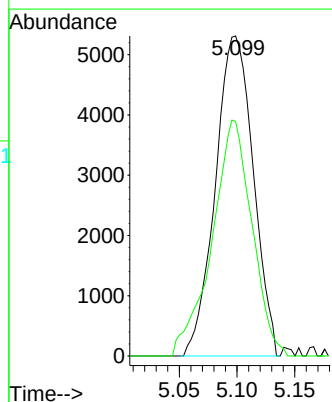
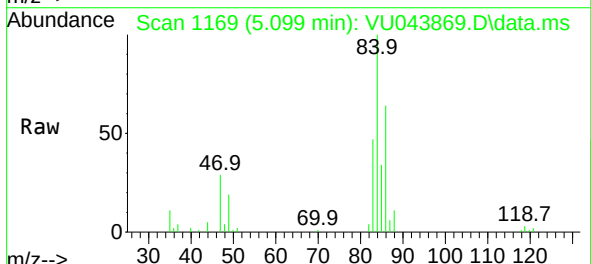
Instrument :
MSVOA_U
ClientSampleID :
GB402

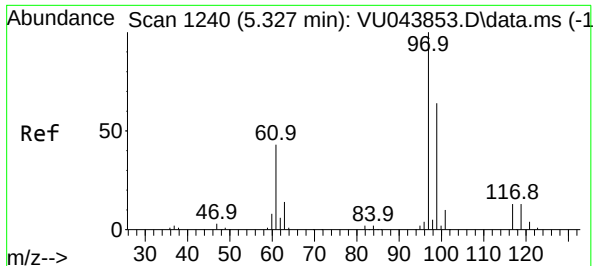
Tgt Ion: 43 Resp: 4028
Ion Ratio Lower Upper
43 100
74 0.0 19.3 28.9#



#25
Chloroform
Concen: 0.49 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. -0.000 min
Lab File: VU043869.D
Acq: 20 May 2021 16:51

Tgt Ion: 83 Resp: 12127
Ion Ratio Lower Upper
83 100
85 73.4 45.0 83.6





#29

1,1,1-Trichloroethane

Concen: 9.97 ug/L

RT: 5.327 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VU043869.D

Acq: 20 May 2021 16:51

Tgt Ion: 97 Resp: 221091

Ion Ratio Lower Upper

97 100

99 64.1 51.1 76.7

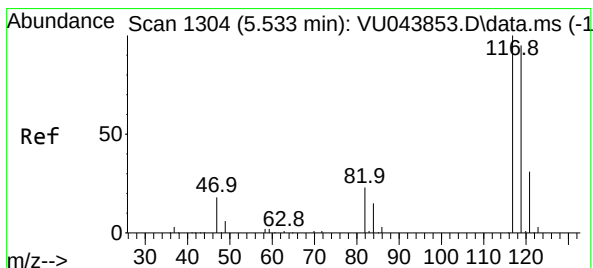
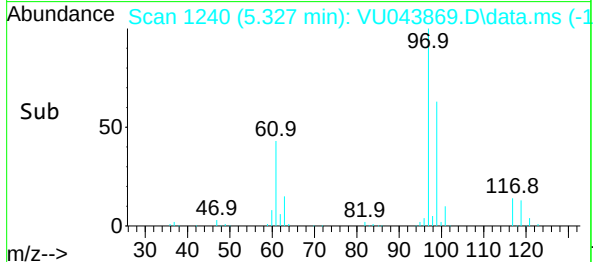
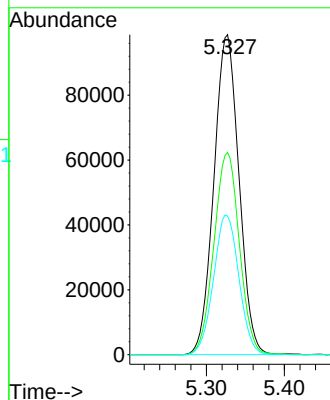
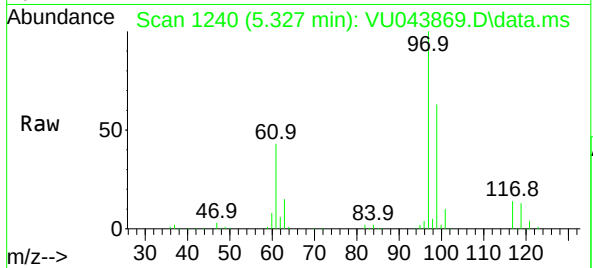
61 44.1 37.0 55.4

Instrument :

MSVOA_U

ClientSampleId :

GB402



#31

Carbon tetrachloride

Concen: 1.65 ug/L

RT: 5.327 min Scan# 1240

Delta R.T. -0.206 min

Lab File: VU043869.D

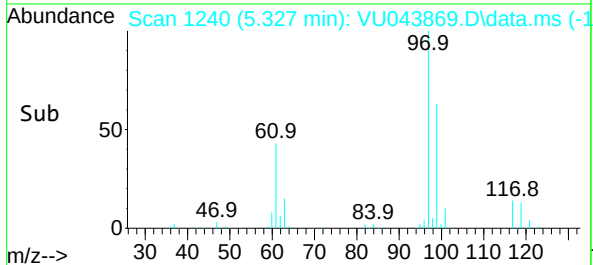
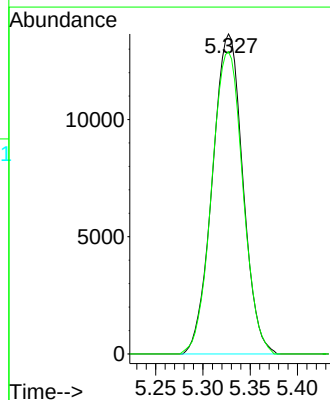
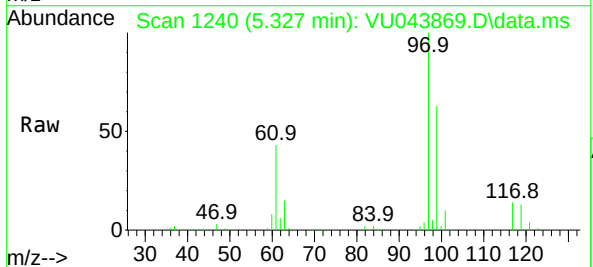
Acq: 20 May 2021 16:51

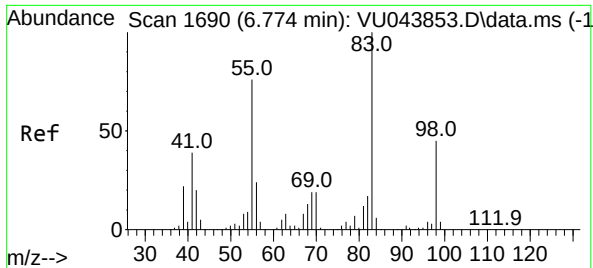
Tgt Ion: 117 Resp: 30592

Ion Ratio Lower Upper

117 100

119 96.6 77.4 116.0

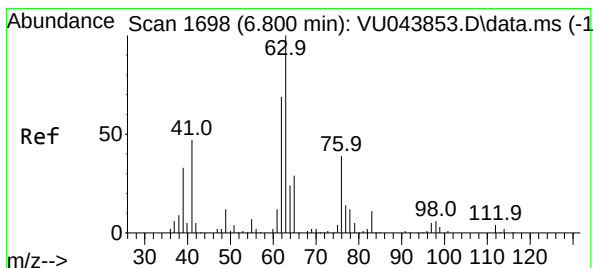
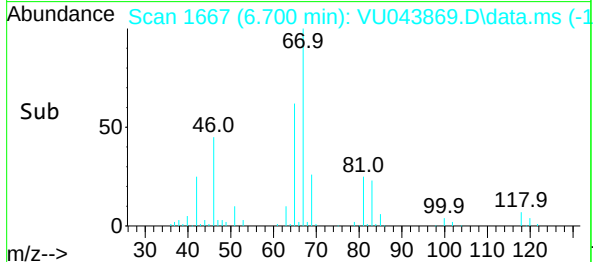
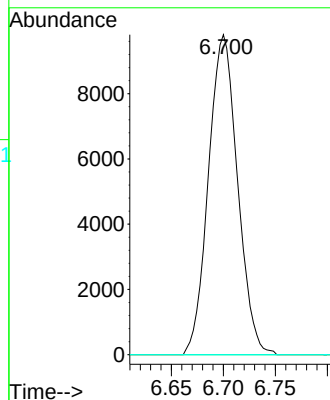
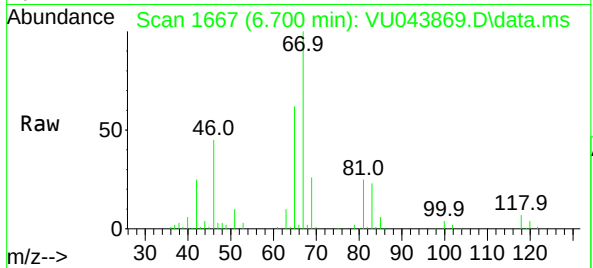




#35
Methylcyclohexane
Concen: 0.78 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.074 min
Lab File: VU043869.D
Acq: 20 May 2021 16:51

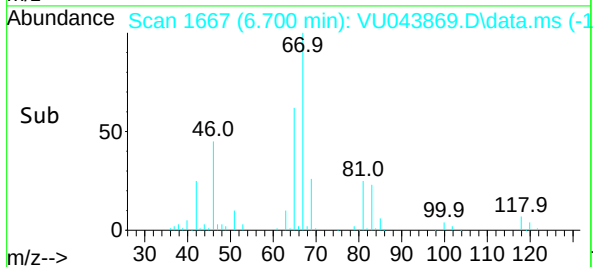
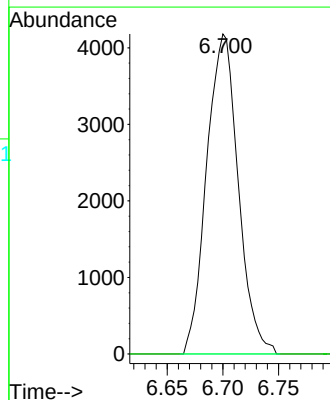
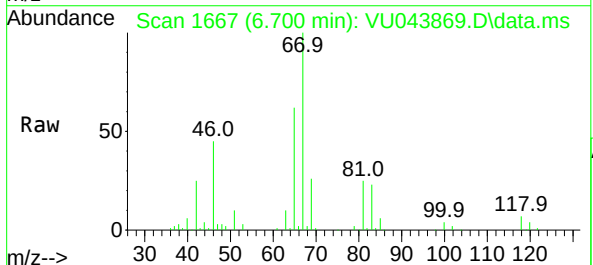
Instrument :
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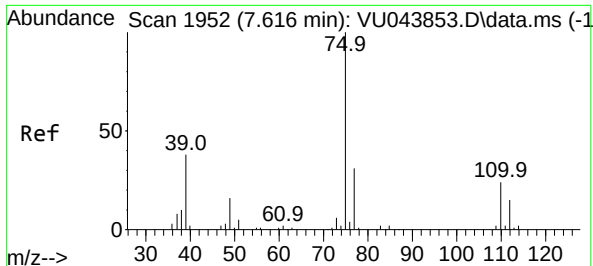
Tgt Ion: 83 Resp: 19115
Ion Ratio Lower Upper
83 100
55 0.0 64.8 97.2#
98 0.5 35.9 53.9#



#37
1,2-Dichloropropane
Concen: 0.51 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU043869.D
Acq: 20 May 2021 16:51

Tgt Ion: 63 Resp: 8254
Ion Ratio Lower Upper
63 100
112 0.2 3.3 4.9#

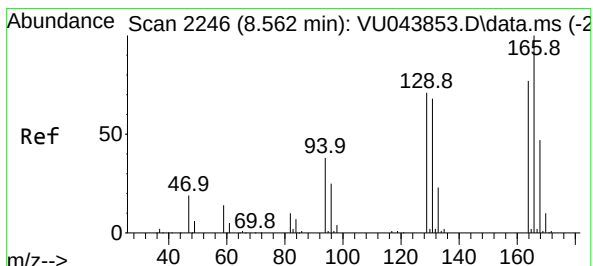
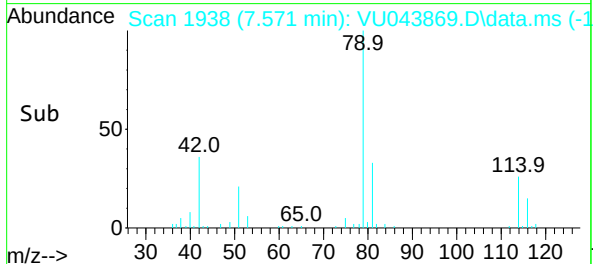
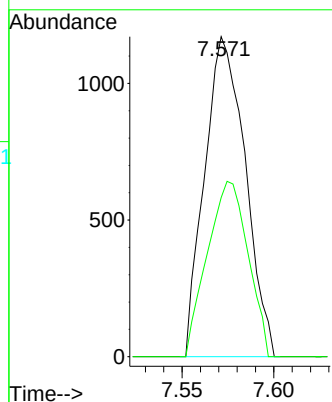
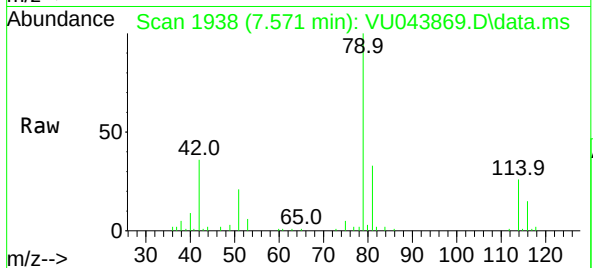




#39
cis-1,3-Dichloropropene
Concen: 0.08 ug/L
RT: 7.571 min Scan# 1938
Delta R.T. -0.045 min
Lab File: VU043869.D
Acq: 20 May 2021 16:51

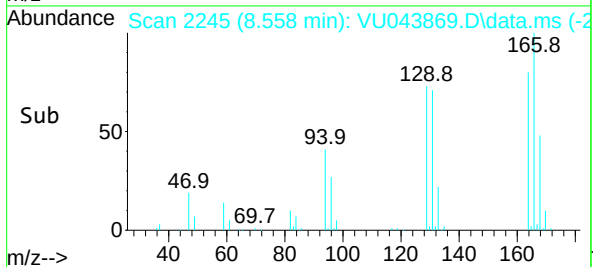
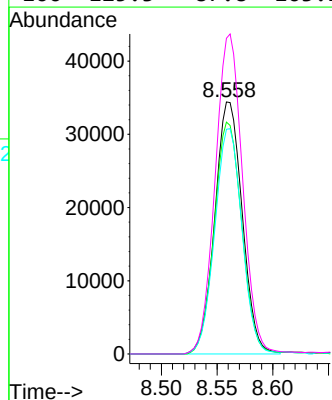
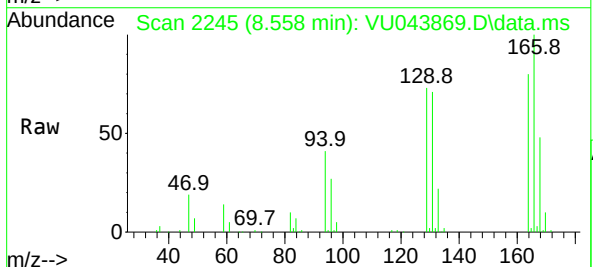
Instrument :
MSVOA_U
ClientSampled :
GB402

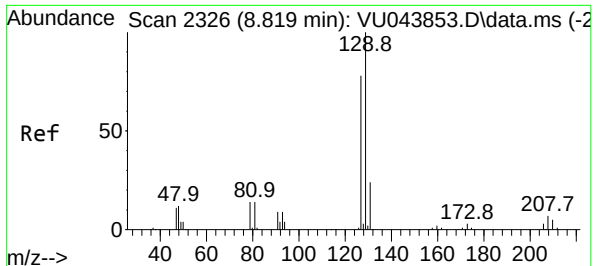
Tgt Ion: 75 Resp: 1799
Ion Ratio Lower Upper
75 100
77 49.7 22.5 41.7#



#47
Tetrachloroethene
Concen: 4.63 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.003 min
Lab File: VU043869.D
Acq: 20 May 2021 16:51

Tgt Ion: 164 Resp: 59055
Ion Ratio Lower Upper
164 100
129 92.0 64.1 119.1
131 89.1 61.2 113.8
166 125.3 87.8 163.2

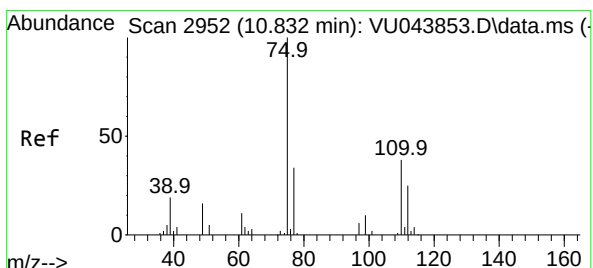
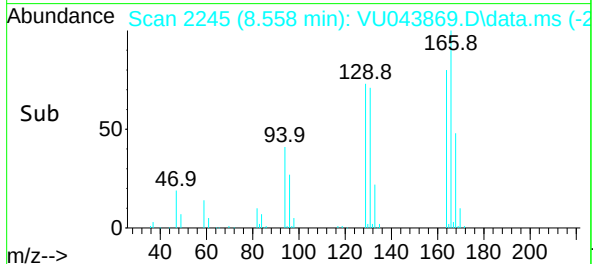
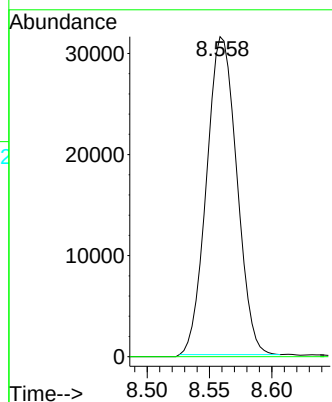
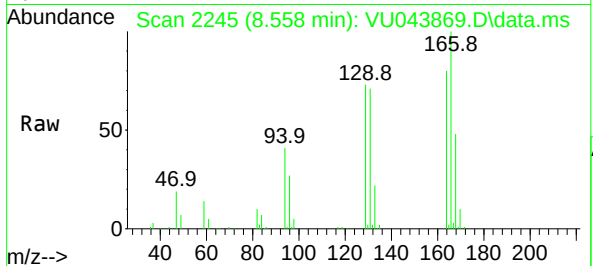




#49
Dibromochloromethane
Concen: 4.12 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.260 min
Lab File: VU043869.D
Acq: 20 May 2021 16:51

Instrument :
MSVOA_U
ClientSampled :
GB402

Tgt Ion:129 Resp: 53131
Ion Ratio Lower Upper
129 100
127 0.0 53.4 99.2#



#61
1,2,3-Trichloropropane
Concen: 1.08 ug/L
RT: 11.819 min Scan# 3259
Delta R.T. 0.987 min
Lab File: VU043869.D
Acq: 20 May 2021 16:51

Tgt Ion: 75 Resp: 10315
Ion Ratio Lower Upper
75 100
110 1.7 27.9 41.9#
77 31.2 25.9 38.9

