

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052121\
 Data File : VU043888.D
 Acq On : 21 May 2021 14:46
 Operator : SY/MD
 Sample : M2475-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB402

Quant Time: May 22 00:53:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat May 22 00:45:10 2021
 Response via : Initial Calibration

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

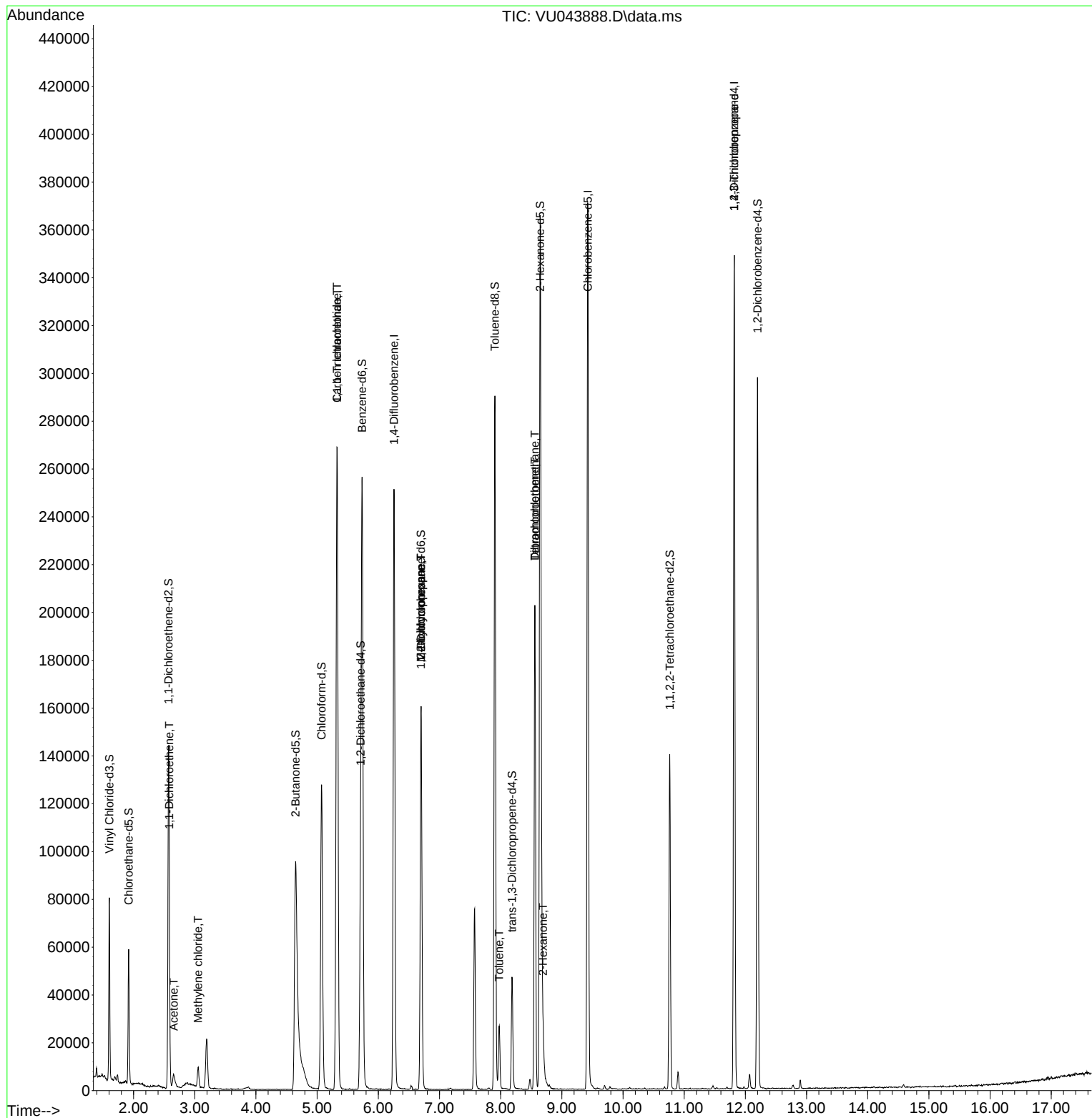
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	212368	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	217130	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	100449	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	54176	3.46	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.20%
7) Chloroethane-d5	1.919	69	40835	3.73	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	74.60%
11) 1,1-Dichloroethene-d2	2.572	65	26180	4.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.60%
20) 2-Butanone-d5	4.649	46	177508	59.62	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.24%
24) Chloroform-d	5.073	84	121681	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.60%
26) 1,2-Dichloroethane-d4	5.710	65	63778	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.80%
32) Benzene-d6	5.736	84	245304	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.00%
36) 1,2-Dichloropropane-d6	6.700	67	81490	4.64	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.80%
41) Toluene-d8	7.906	98	199769	3.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.40%
43) trans-1,3-Dichloroprop...	8.186	79	27474	4.21	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.20%
46) 2-Hexanone-d5	8.645	63	144613	49.21	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.42%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	71191	4.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.80%
66) 1,2-Dichlorobenzene-d4	12.198	152	85467	5.11	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.20%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.584	96	3702	0.26	ug/L #	1
13) Acetone	2.658	43	9267	4.90	ug/L	96
16) Methylene chloride	3.054	84	4043	0.19	ug/L	98
29) 1,1,1-Trichloroethane	5.324	97	197370	8.72	ug/L	98
31) Carbon tetrachloride	5.327	117	27163	1.44	ug/L	99
35) Methylcyclohexane	6.700	83	18038	0.72	ug/L #	17
37) 1,2-Dichloropropane	6.697	63	8249	0.50	ug/L #	88
42) Toluene	7.977	91	19718	0.30	ug/L	99
47) Tetrachloroethene	8.559	164	48669	3.74	ug/L	99
48) 2-Hexanone	8.694	43	6140	0.79	ug/L	94
49) Dibromochloromethane	8.559	129	44933	3.41	ug/L #	11
61) 1,2,3-Trichloropropane	11.819	75	10398	1.08	ug/L #	70

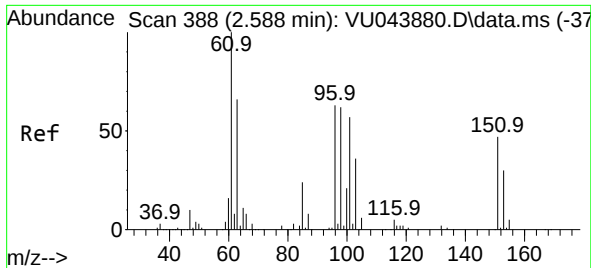
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.26 ug/L

RT: 2.584 min Scan# 387

Delta R.T. -0.003 min

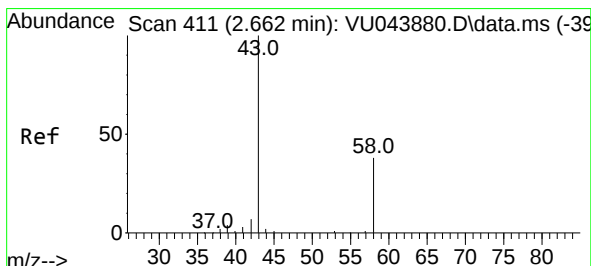
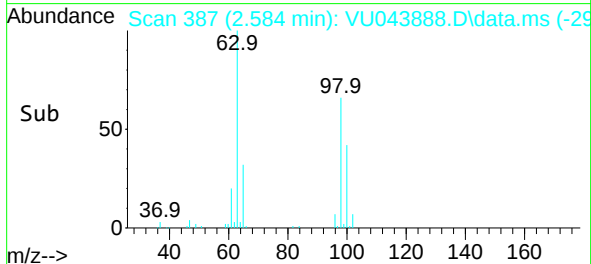
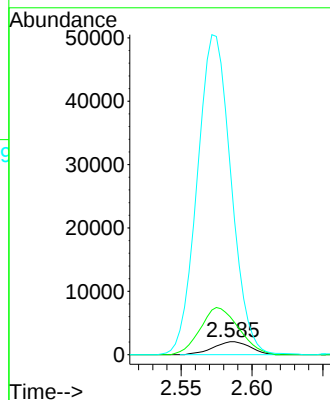
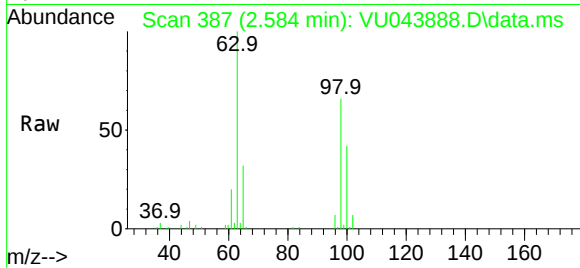
Lab File: VU043888.D

Acq: 21 May 2021 14:46

Tgt Ion: 96 Resp: 3702

Ion	Ratio	Lower	Upper
96	100		
61	292.9	117.5	218.1#
63	1457.6	77.3	143.7#

Instrument :
MSVOA_U
ClientSampleId :
GB402



#13

Acetone

Concen: 4.90 ug/L

RT: 2.658 min Scan# 410

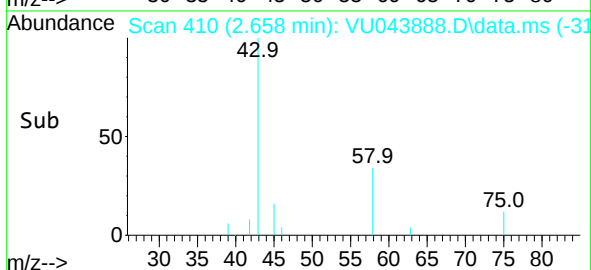
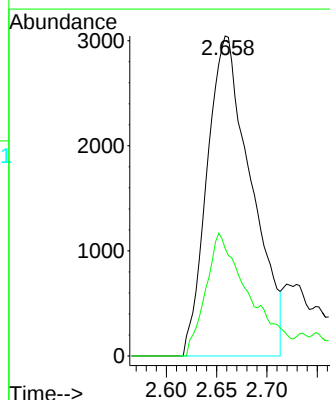
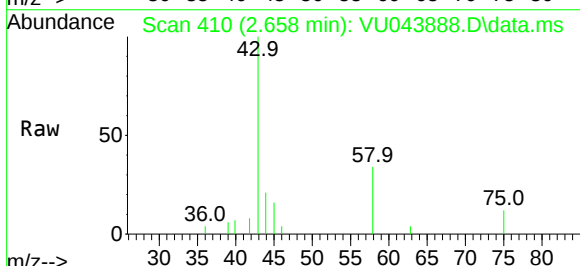
Delta R.T. -0.003 min

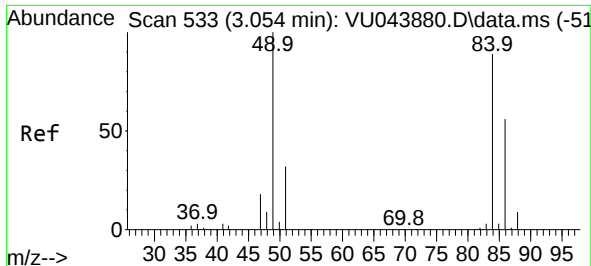
Lab File: VU043888.D

Acq: 21 May 2021 14:46

Tgt Ion: 43 Resp: 9267

Ion	Ratio	Lower	Upper
43	100		
58	38.3	0.0	71.6

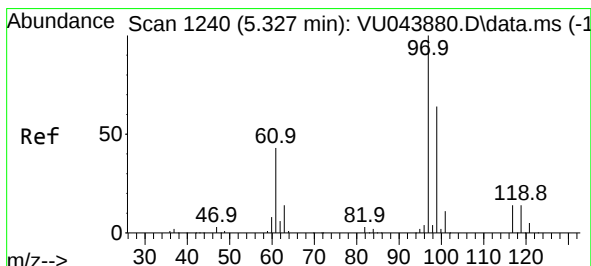
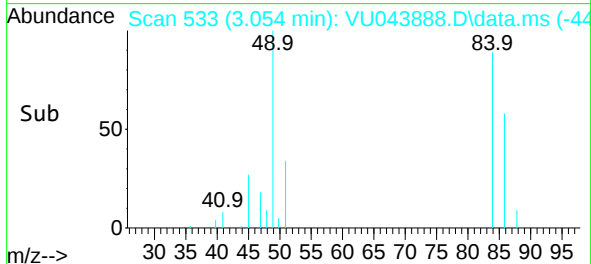
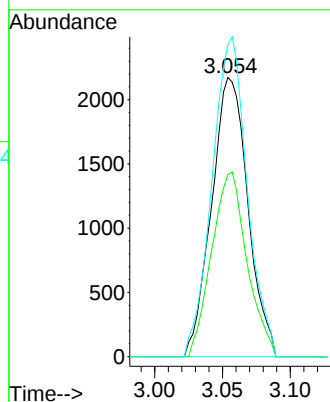
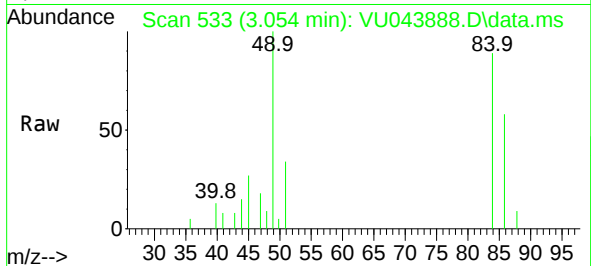




#16
Methylene chloride
Concen: 0.19 ug/L
RT: 3.054 min Scan# 533
Delta R.T. 0.000 min
Lab File: VU043888.D
Acq: 21 May 2021 14:46

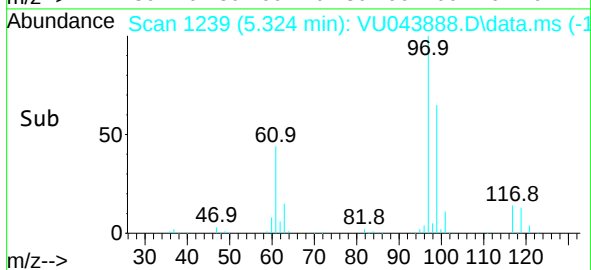
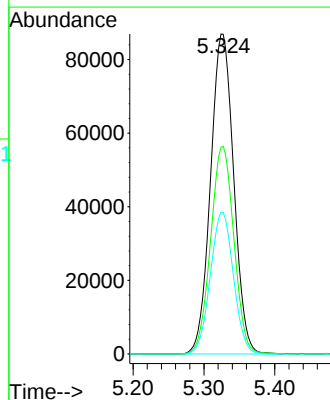
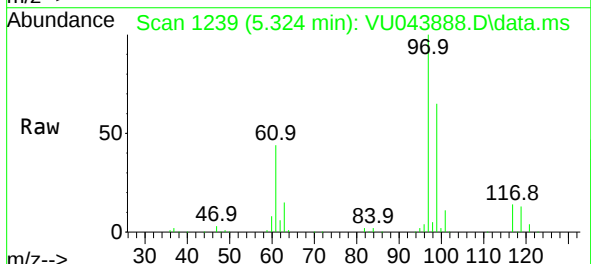
Instrument :
MSVOA_U
ClientSampleId :
GB402

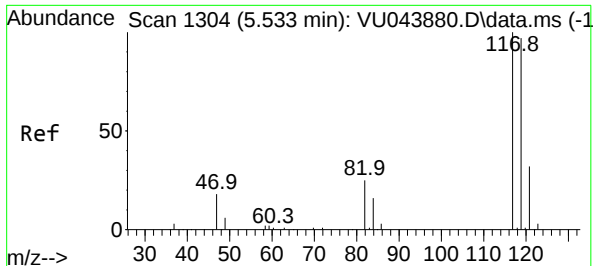
Tgt Ion: 84 Resp: 4043
Ion Ratio Lower Upper
84 100
86 65.2 44.7 82.9
49 116.9 83.1 154.3



#29
1,1,1-Trichloroethane
Concen: 8.72 ug/L
RT: 5.324 min Scan# 1239
Delta R.T. -0.003 min
Lab File: VU043888.D
Acq: 21 May 2021 14:46

Tgt Ion: 97 Resp: 197370
Ion Ratio Lower Upper
97 100
99 65.3 51.1 76.7
61 44.2 37.0 55.4

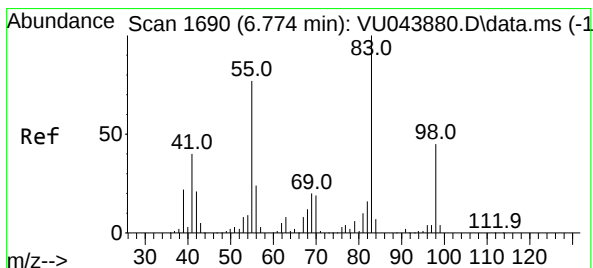
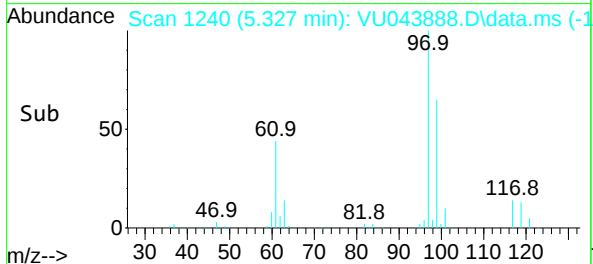
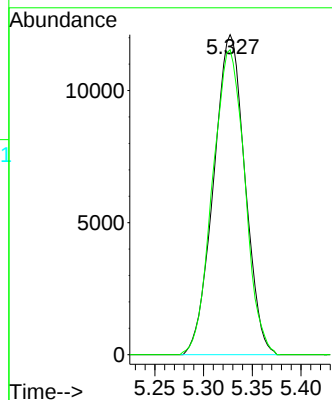
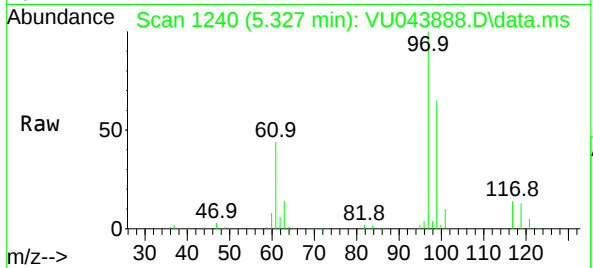




#31
Carbon tetrachloride
Concen: 1.44 ug/L
RT: 5.327 min Scan# 1240
Delta R.T. -0.206 min
Lab File: VU043888.D
Acq: 21 May 2021 14:46

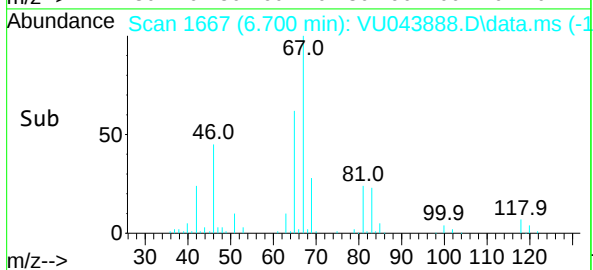
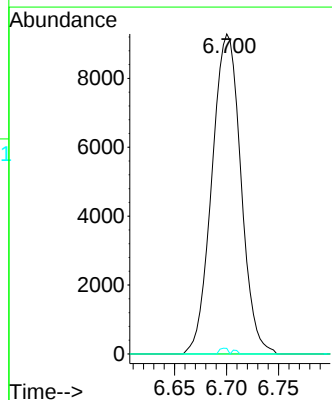
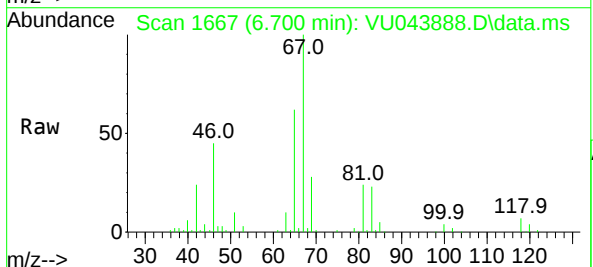
Instrument :
MSVOA_U
ClientSampled :
GB402

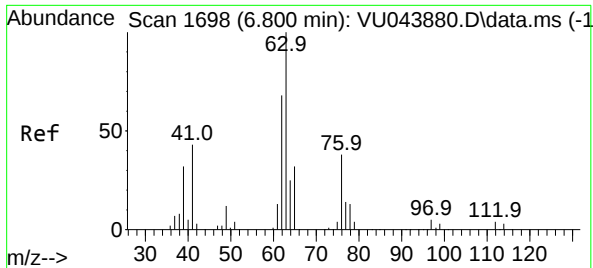
Tgt Ion:117 Resp: 27163
Ion Ratio Lower Upper
117 100
119 97.8 77.4 116.0



#35
Methylcyclohexane
Concen: 0.72 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.074 min
Lab File: VU043888.D
Acq: 21 May 2021 14:46

Tgt Ion: 83 Resp: 18038
Ion Ratio Lower Upper
83 100
55 0.0 64.8 97.2#
98 0.5 35.9 53.9#



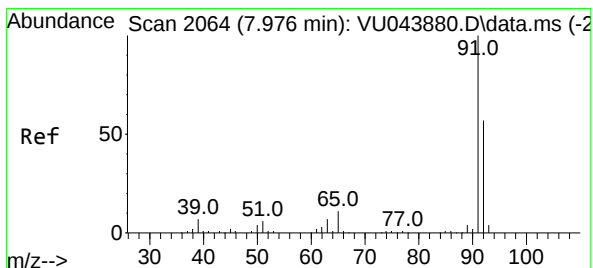
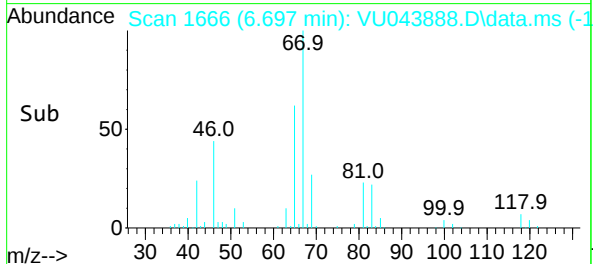
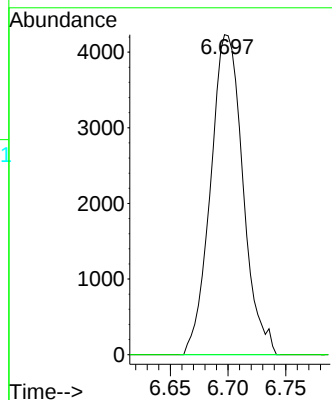
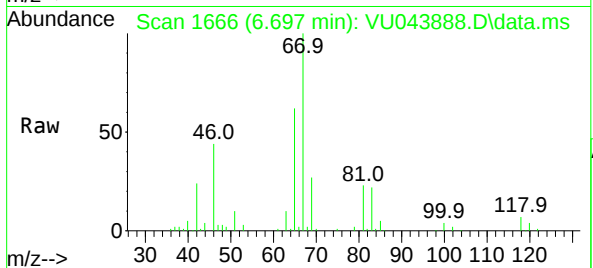


#37

1,2-Dichloropropane
Concen: 0.50 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.103 min
Lab File: VU043888.D
Acq: 21 May 2021 14:46

Instrument :
MSVOA_U
ClientSampled :
GB402

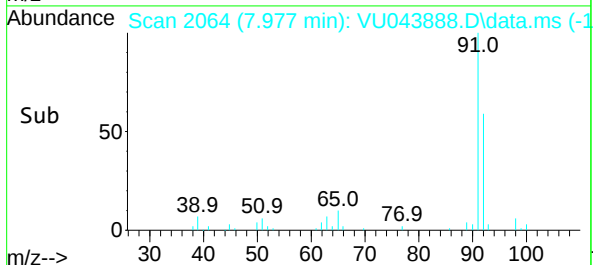
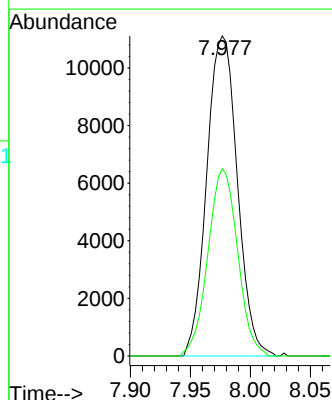
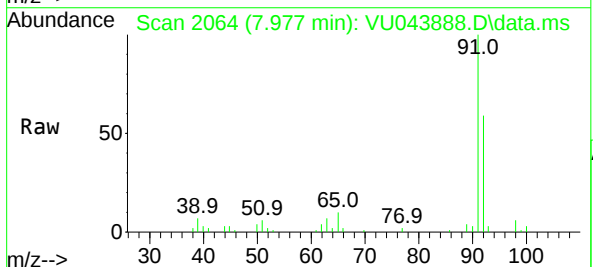
Tgt Ion: 63 Resp: 8249
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#

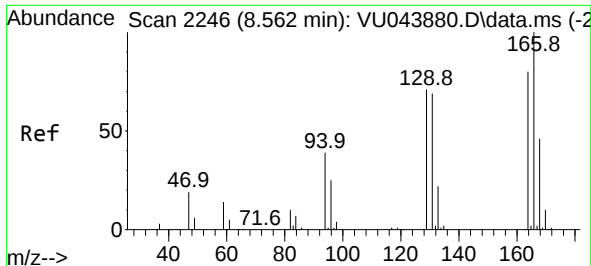


#42

Toluene
Concen: 0.30 ug/L
RT: 7.977 min Scan# 2064
Delta R.T. 0.000 min
Lab File: VU043888.D
Acq: 21 May 2021 14:46

Tgt Ion: 91 Resp: 19718
Ion Ratio Lower Upper
91 100
92 58.5 40.3 74.8

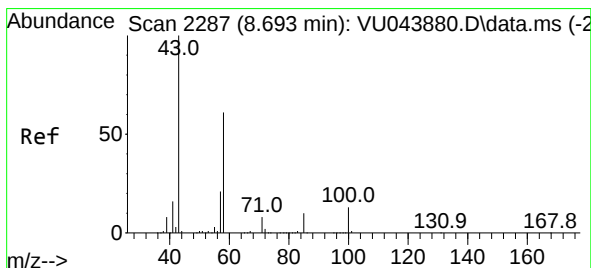
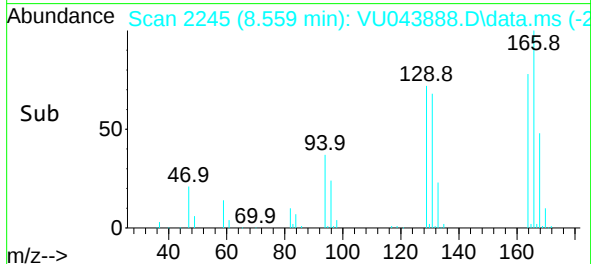
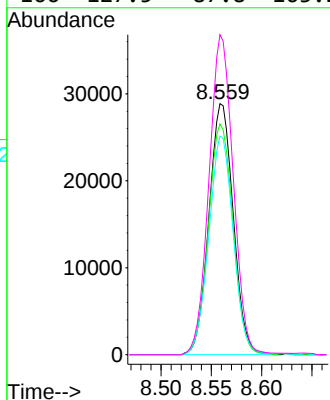
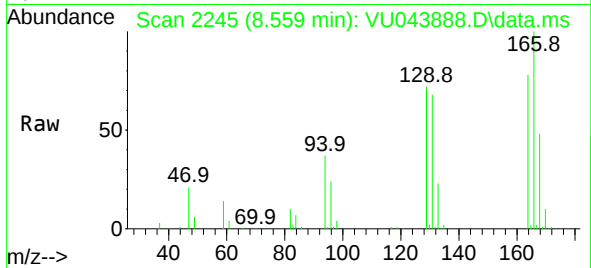




#47
Tetrachloroethene
Concen: 3.74 ug/L
RT: 8.559 min Scan# 2245
Delta R.T. -0.003 min
Lab File: VU043888.D
Acq: 21 May 2021 14:46

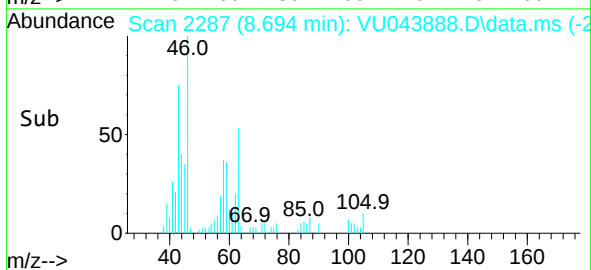
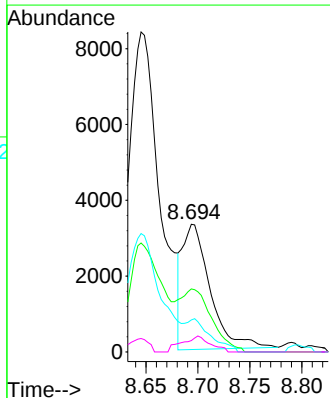
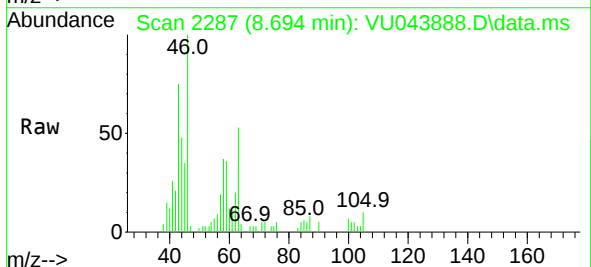
Instrument :
MSVOA_U
ClientSampleId :
GB402

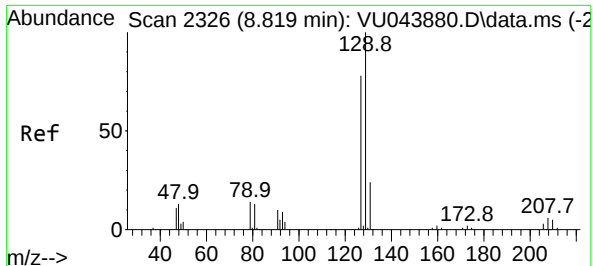
Tgt Ion:164 Resp: 48669
Ion Ratio Lower Upper
164 100
129 91.9 64.1 119.1
131 87.1 61.2 113.8
166 127.5 87.8 163.2



#48
2-Hexanone
Concen: 0.79 ug/L
RT: 8.694 min Scan# 2287
Delta R.T. 0.000 min
Lab File: VU043888.D
Acq: 21 May 2021 14:46

Tgt Ion: 43 Resp: 6140
Ion Ratio Lower Upper
43 100
58 53.7 47.0 70.4
57 21.9 15.8 23.8
100 12.9 9.0 13.4





#49

Dibromochloromethane

Concen: 3.41 ug/L

RT: 8.559 min Scan# 2245

Delta R.T. -0.260 min

Lab File: VU043888.D

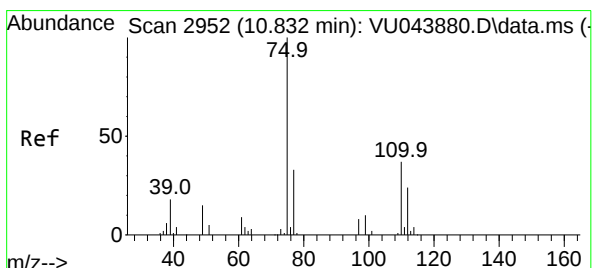
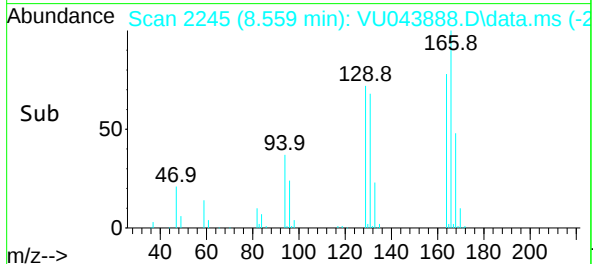
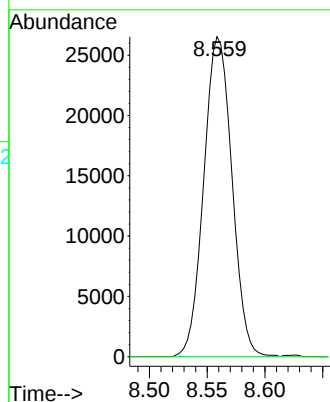
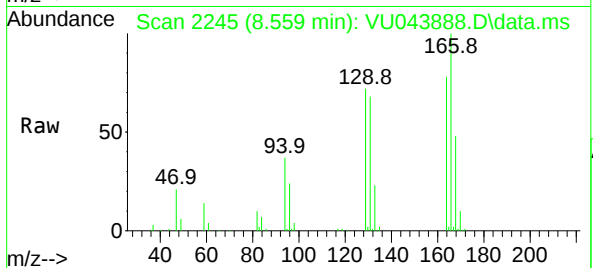
Acq: 21 May 2021 14:46

Tgt Ion:129 Resp: 44933

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: VU043888.D

Acq: 21 May 2021 14:46

Tgt Ion: 75 Resp: 10398

Ion Ratio Lower Upper

75 100

110 2.4 27.9 41.9#

77 30.9 25.9 38.9

