

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052121\
 Data File : VU043883.D
 Acq On : 21 May 2021 12:46
 Operator : SY/MD
 Sample : M2475-08DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB407DL

Quant Time: May 22 00:52:25 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)

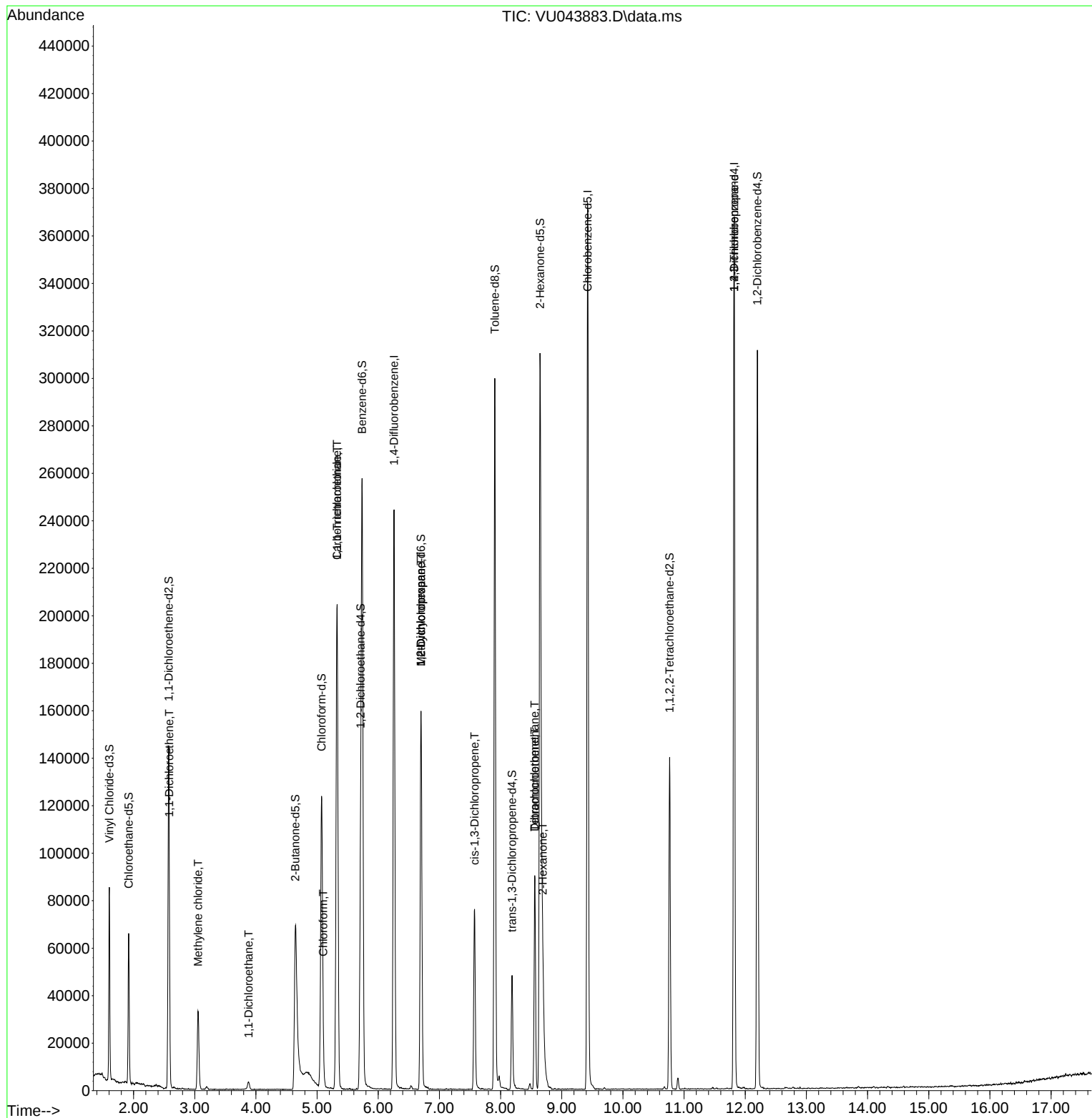
Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	206266	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	218563	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	105994	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	57242	3.76	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.20%
7) Chloroethane-d5	1.919	69	45600	4.29	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.80%
11) 1,1-Dichloroethene-d2	2.575	65	26553	4.21	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.20%
20) 2-Butanone-d5	4.645	46	134057	46.36	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.72%
24) Chloroform-d	5.073	84	116057	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.80%
26) 1,2-Dichloroethane-d4	5.713	65	63665	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.40%
32) Benzene-d6	5.735	84	247330	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.20%
36) 1,2-Dichloropropane-d6	6.700	67	80645	4.56	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.20%
41) Toluene-d8	7.906	98	203140	3.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.20%
43) trans-1,3-Dichloroprop...	8.185	79	28647	4.36	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.20%
46) 2-Hexanone-d5	8.645	63	143188	48.41	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.82%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	73344	5.05	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.00%
66) 1,2-Dichlorobenzene-d4	12.198	152	89350	5.06	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.20%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.584	96	1864	0.14	ug/L #	1
16) Methylene chloride	3.054	84	17161	0.85	ug/L	96
19) 1,1-Dichloroethane	3.880	63	4192	0.16	ug/L #	82
25) Chloroform	5.099	83	8528	0.33	ug/L	99
29) 1,1,1-Trichloroethane	5.327	97	150404	6.60	ug/L	97
31) Carbon tetrachloride	5.327	117	20633	1.08	ug/L	99
35) Methylcyclohexane	6.700	83	18279	0.72	ug/L #	17
37) 1,2-Dichloropropane	6.700	63	8037	0.49	ug/L #	88
39) cis-1,3-Dichloropropene	7.574	75	1805	0.08	ug/L #	63
47) Tetrachloroethene	8.558	164	21807	1.66	ug/L	97
48) 2-Hexanone	8.690	43	7264	0.93	ug/L #	80
49) Dibromochloromethane	8.558	129	19405	1.46	ug/L #	11
61) 1,2,3-Trichloropropane	11.819	75	11244	1.11	ug/L #	69

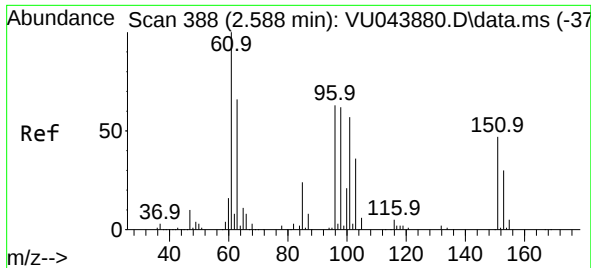
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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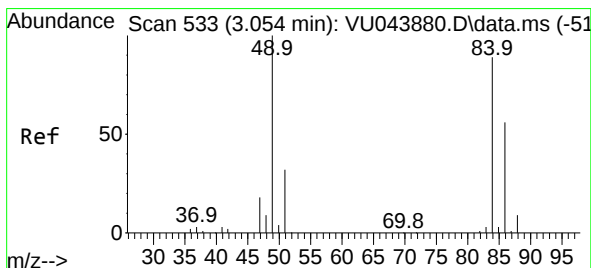
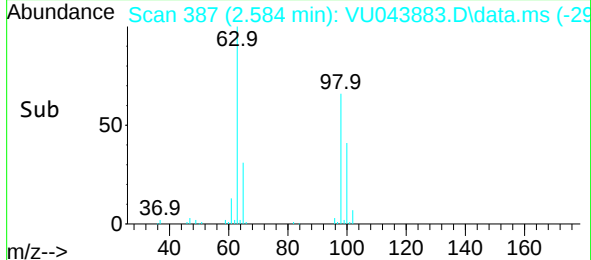
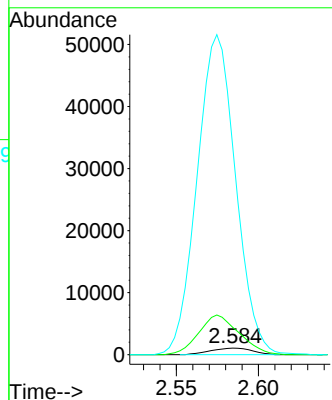
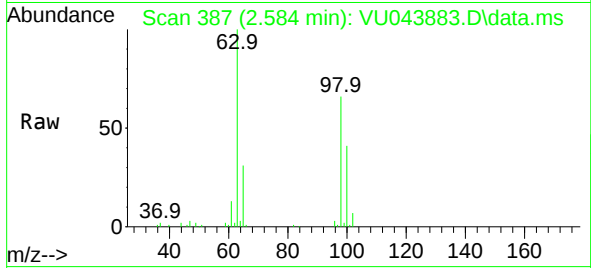




#12
1,1-Dichloroethene
Concen: 0.14 ug/L
RT: 2.584 min Scan# 387
Delta R.T. -0.003 min
Lab File: VU043883.D
Acq: 21 May 2021 12:46

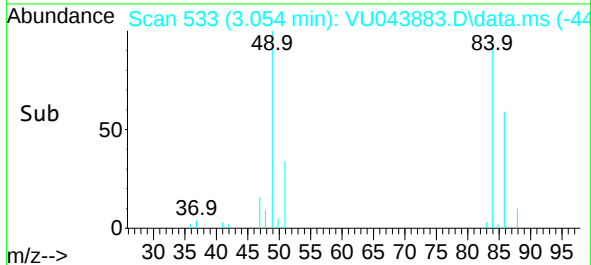
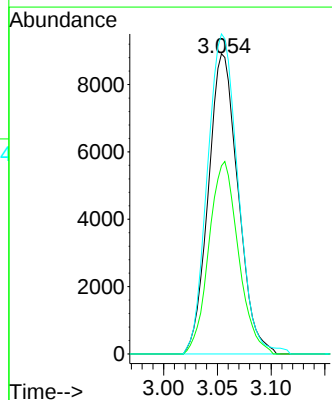
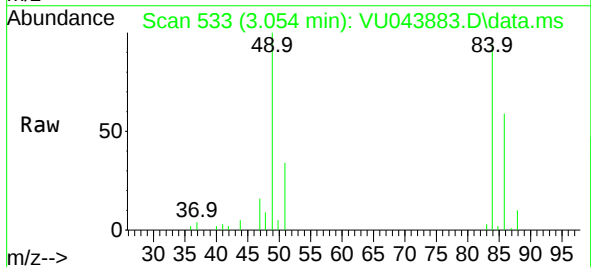
Instrument :
MSVOA_U
ClientSampleId :
GB407DL

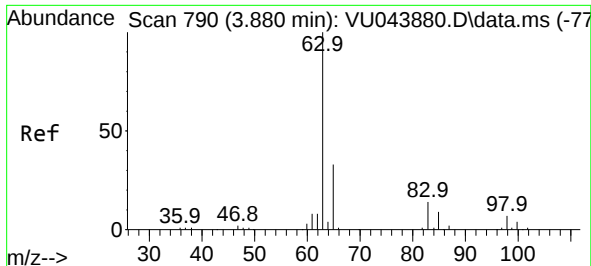
Tgt Ion: 96 Resp: 1864
Ion Ratio Lower Upper
96 100
61 417.9 117.5 218.1#
63 3179.6 77.3 143.7#



#16
Methylene chloride
Concen: 0.85 ug/L
RT: 3.054 min Scan# 533
Delta R.T. -0.000 min
Lab File: VU043883.D
Acq: 21 May 2021 12:46

Tgt Ion: 84 Resp: 17161
Ion Ratio Lower Upper
84 100
86 62.7 44.7 82.9
49 112.4 83.1 154.3





#19

1,1-Dichloroethane

Concen: 0.16 ug/L

RT: 3.880 min Scan# 790

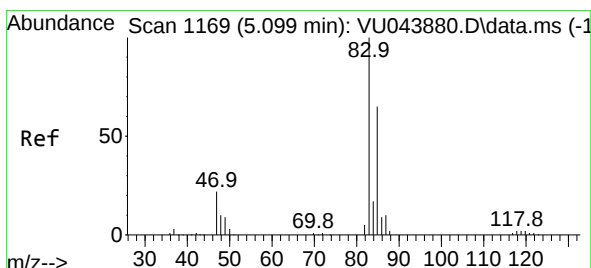
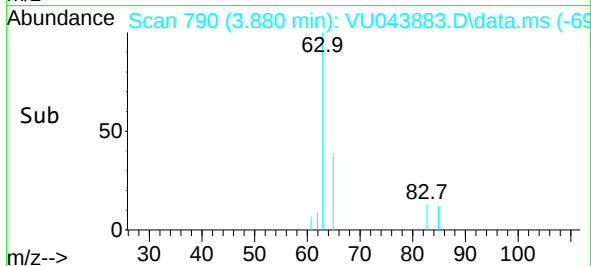
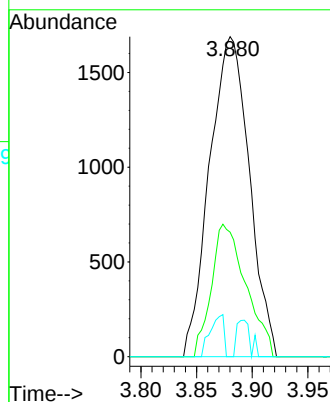
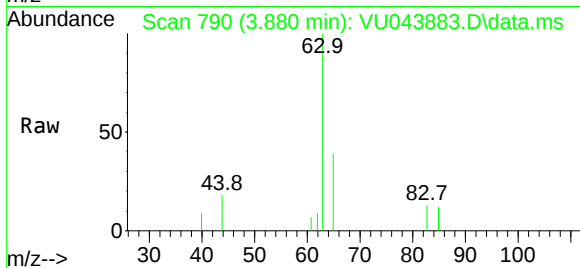
Delta R.T. -0.000 min

Lab File: VU043883.D

Acq: 21 May 2021 12:46

Tgt Ion:	63	Resp:	4192
Ion Ratio	Lower	Upper	
63	100		
65	38.9	22.3	41.3
83	0.0	9.0	16.8#

Instrument :
MSVOA_U
ClientSampleId :
GB407DL



#25

Chloroform

Concen: 0.33 ug/L

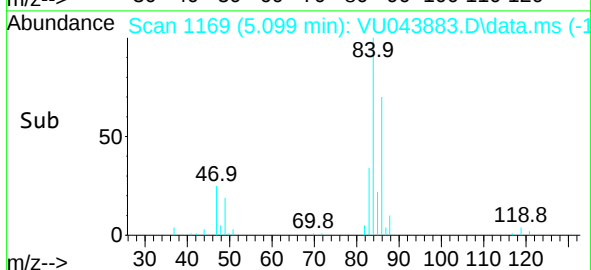
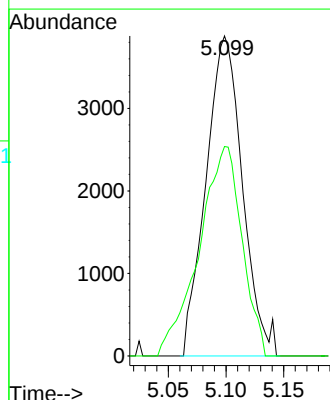
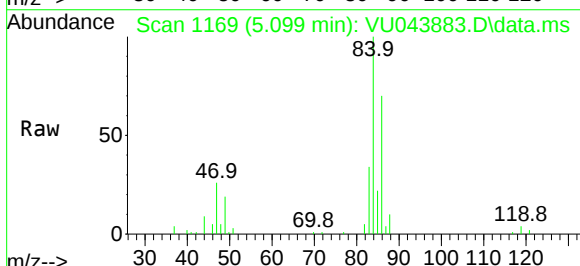
RT: 5.099 min Scan# 1169

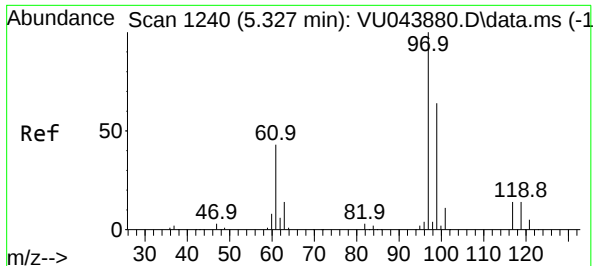
Delta R.T. -0.000 min

Lab File: VU043883.D

Acq: 21 May 2021 12:46

Tgt Ion:	83	Resp:	8528
Ion Ratio	Lower	Upper	
83	100		
85	65.4	45.0	83.6



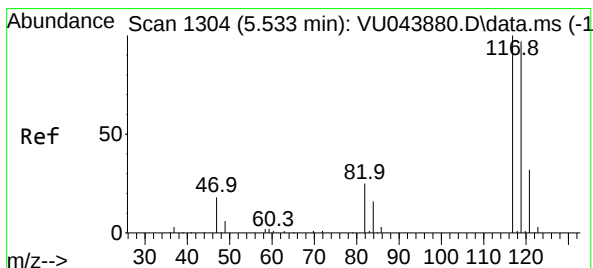
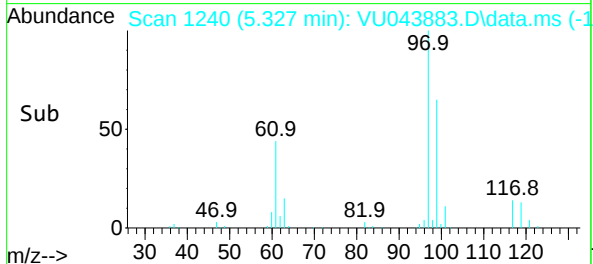
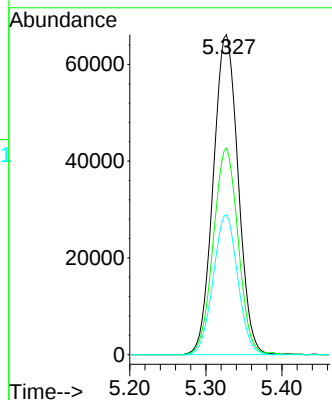
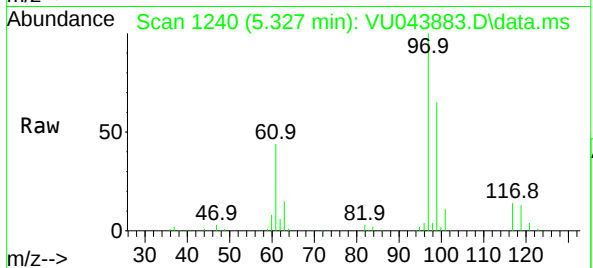


#29

1,1,1-Trichloroethane
Concen: 6.60 ug/L
RT: 5.327 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VU043883.D
Acq: 21 May 2021 12:46

Instrument :
MSVOA_U
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GB407DL

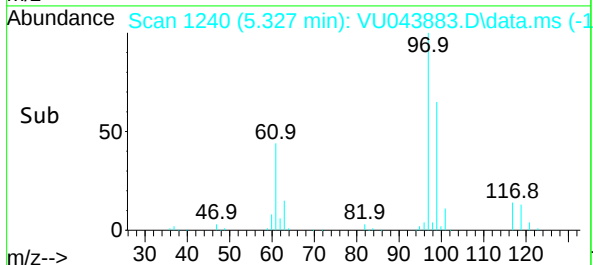
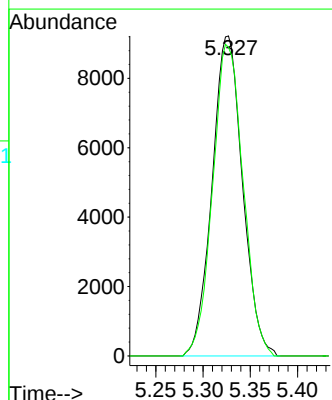
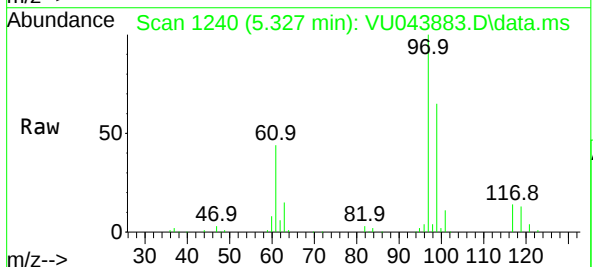
Tgt Ion: 97 Resp: 150404
Ion Ratio Lower Upper
97 100
99 64.7 51.1 76.7
61 43.1 37.0 55.4

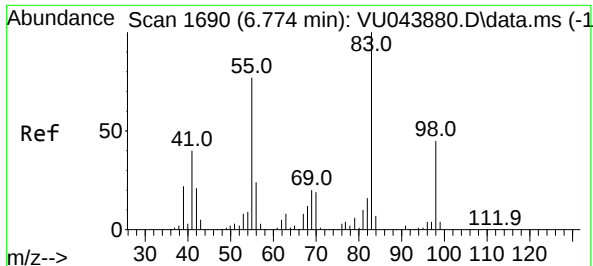


#31

Carbon tetrachloride
Concen: 1.08 ug/L
RT: 5.327 min Scan# 1240
Delta R.T. -0.206 min
Lab File: VU043883.D
Acq: 21 May 2021 12:46

Tgt Ion: 117 Resp: 20633
Ion Ratio Lower Upper
117 100
119 97.6 77.4 116.0





#35

Methylcyclohexane

Concen: 0.72 ug/L

RT: 6.700 min Scan# 1667

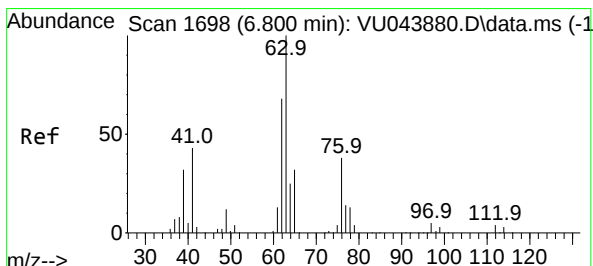
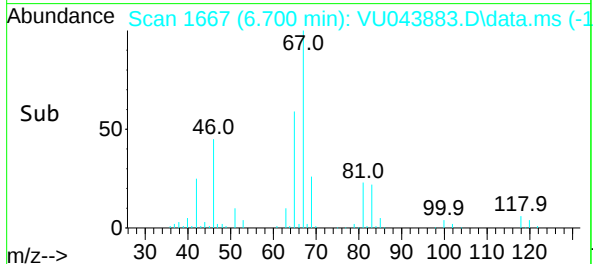
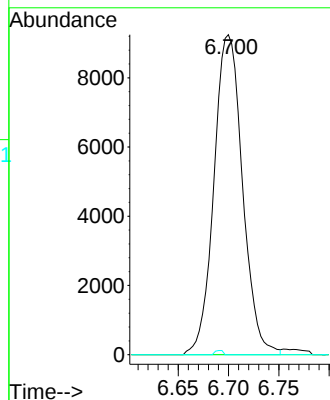
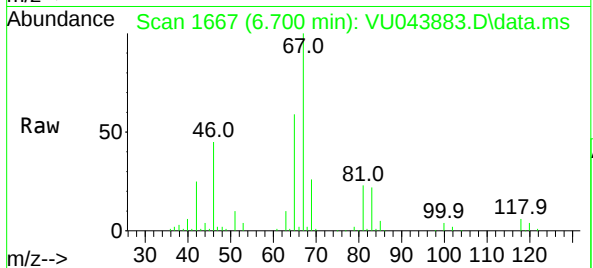
Delta R.T. -0.074 min

Lab File: VU043883.D

Acq: 21 May 2021 12:46

Tgt Ion:	83	Resp:	18279
Ion Ratio	Lower	Upper	
83	100		
55	0.0	64.8	97.2#
98	0.4	35.9	53.9#

Instrument :
MSVOA_U
ClientSampleId :
GB407DL



#37

1,2-Dichloropropane

Concen: 0.49 ug/L

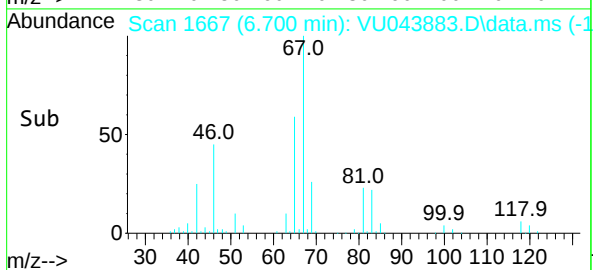
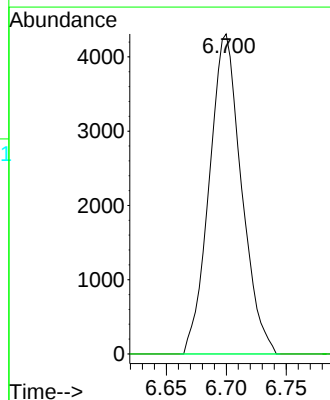
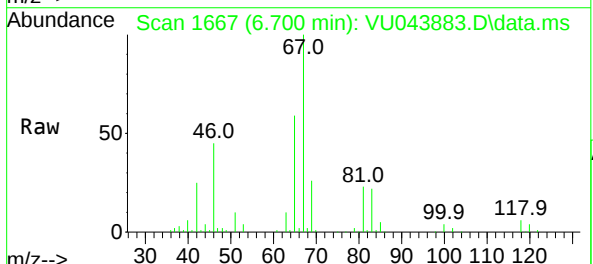
RT: 6.700 min Scan# 1667

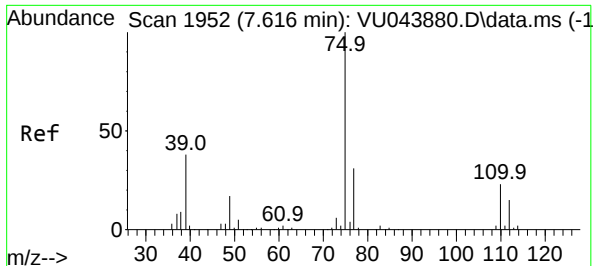
Delta R.T. -0.100 min

Lab File: VU043883.D

Acq: 21 May 2021 12:46

Tgt Ion:	63	Resp:	8037
Ion Ratio	Lower	Upper	
63	100		
112	0.0	3.3	4.9#



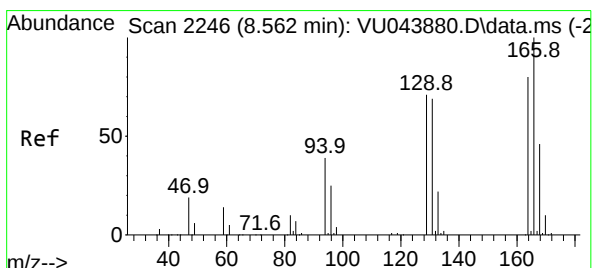
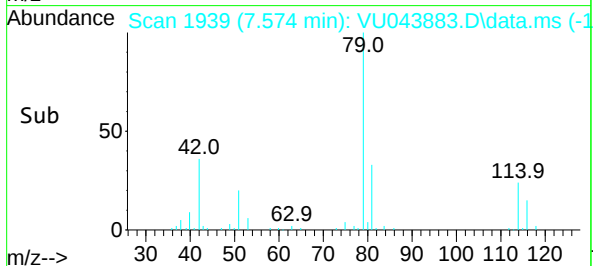
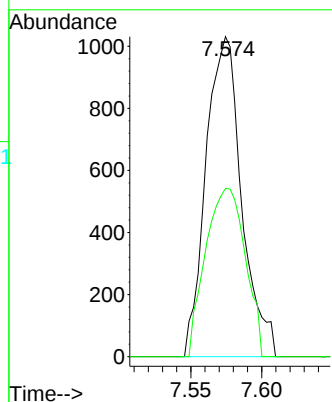
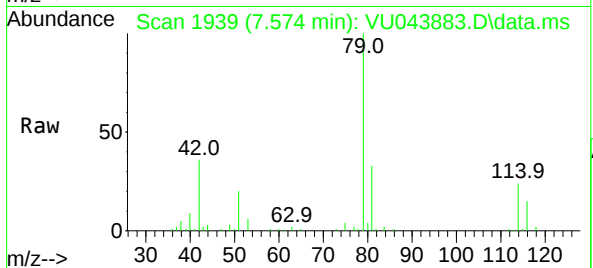


#39

cis-1,3-Dichloropropene
Concen: 0.08 ug/L
RT: 7.574 min Scan# 1939
Delta R.T. -0.042 min
Lab File: VU043883.D
Acq: 21 May 2021 12:46

Instrument :
MSVOA_U
ClientSampled :
GB407DL

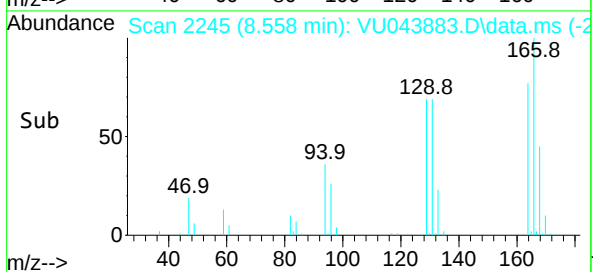
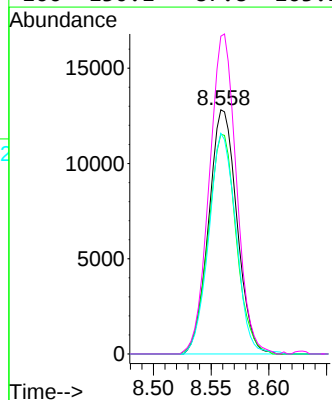
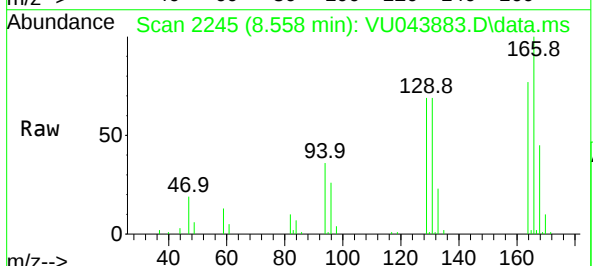
Tgt Ion: 75 Resp: 1805
Ion Ratio Lower Upper
75 100
77 52.6 22.5 41.7#

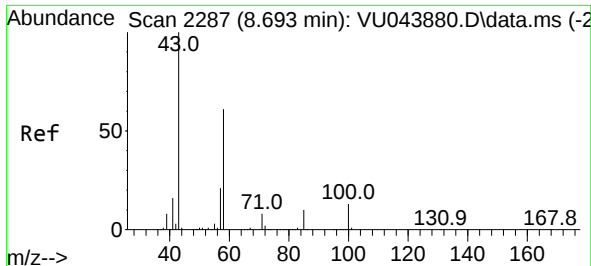


#47

Tetrachloroethene
Concen: 1.66 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.003 min
Lab File: VU043883.D
Acq: 21 May 2021 12:46

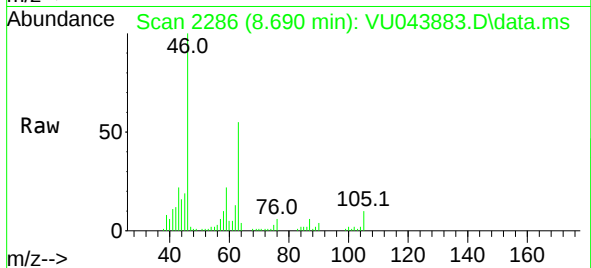
Tgt Ion: 164 Resp: 21807
Ion Ratio Lower Upper
164 100
129 89.9 64.1 119.1
131 90.4 61.2 113.8
166 130.1 87.8 163.2



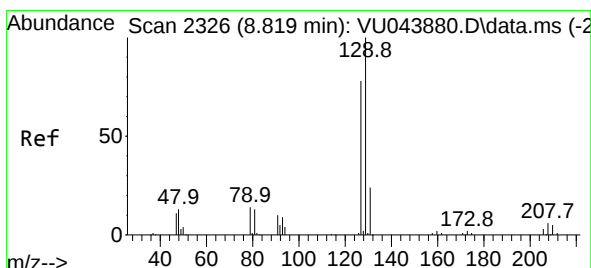
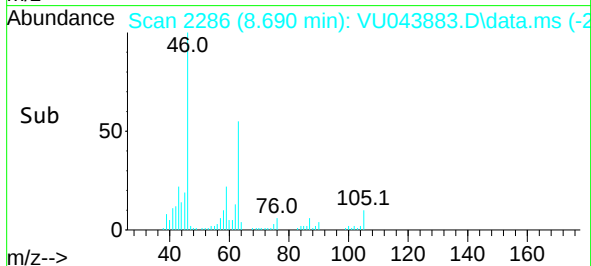
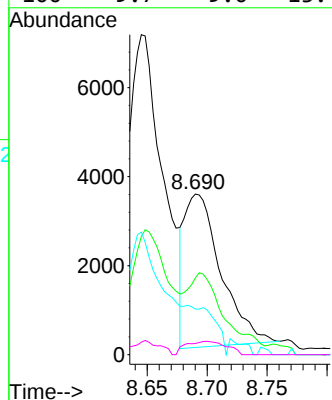


#48
2-Hexanone
Concen: 0.93 ug/L
RT: 8.690 min Scan# 2286
Delta R.T. -0.003 min
Lab File: VU043883.D
Acq: 21 May 2021 12:46

Instrument :
MSVOA_U
ClientSampleId :
GB407DL

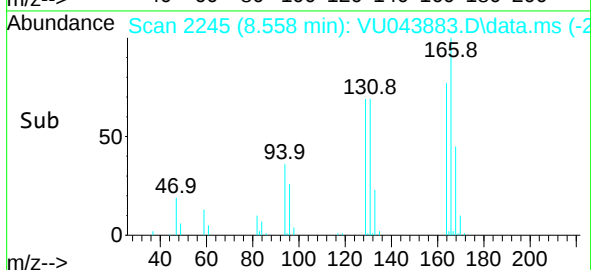
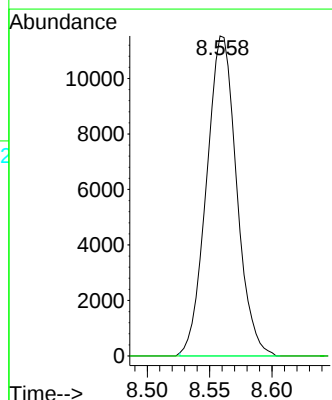
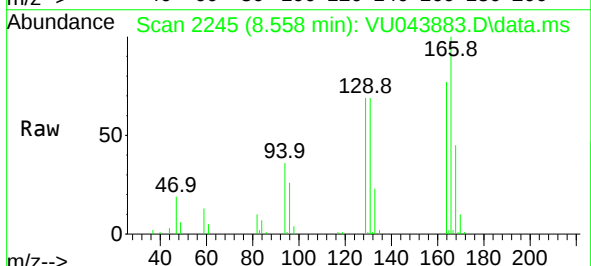


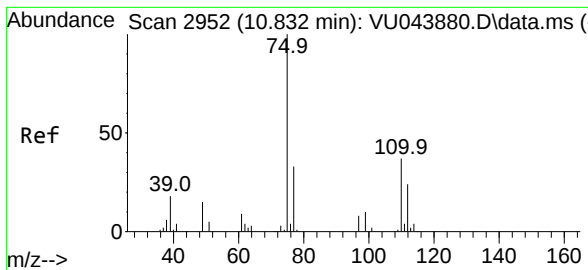
Tgt Ion: 43	Resp: 7264
Ion Ratio	Lower Upper
43 100	
58 45.0	47.0 70.4#
57 4.2	15.8 23.8#
100 9.7	9.0 13.4



#49
Dibromochloromethane
Concen: 1.46 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.261 min
Lab File: VU043883.D
Acq: 21 May 2021 12:46

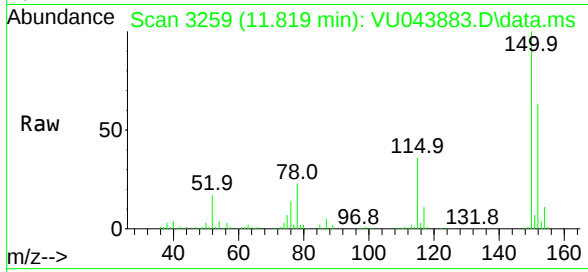
Tgt Ion:129	Resp: 19405		
Ion Ratio	Lower	Upper	
129 100			
127 0.0	53.4	99.2#	





#61
 1,2,3-Trichloropropane
 Concen: 1.11 ug/L
 RT: 11.819 min Scan# 3259
 Delta R.T. 0.987 min
 Lab File: VU043883.D
 Acq: 21 May 2021 12:46

Instrument :
 MSVOA_U
 ClientSampleId :
 GB407DL



Tgt Ion: 75 Resp: 11244
 Ion Ratio Lower Upper
 75 100
 110 2.1 27.9 41.9#
 77 30.4 25.9 38.9

