

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030421\
 Data File : VU042487.D
 Acq On : 04 Mar 2021 16:12
 Operator : SY/MD
 Sample : M1570-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F1G07

Quant Time: Mar 05 00:35:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR030221WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Mar 05 00:31:48 2021
 Response via : Initial Calibration

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

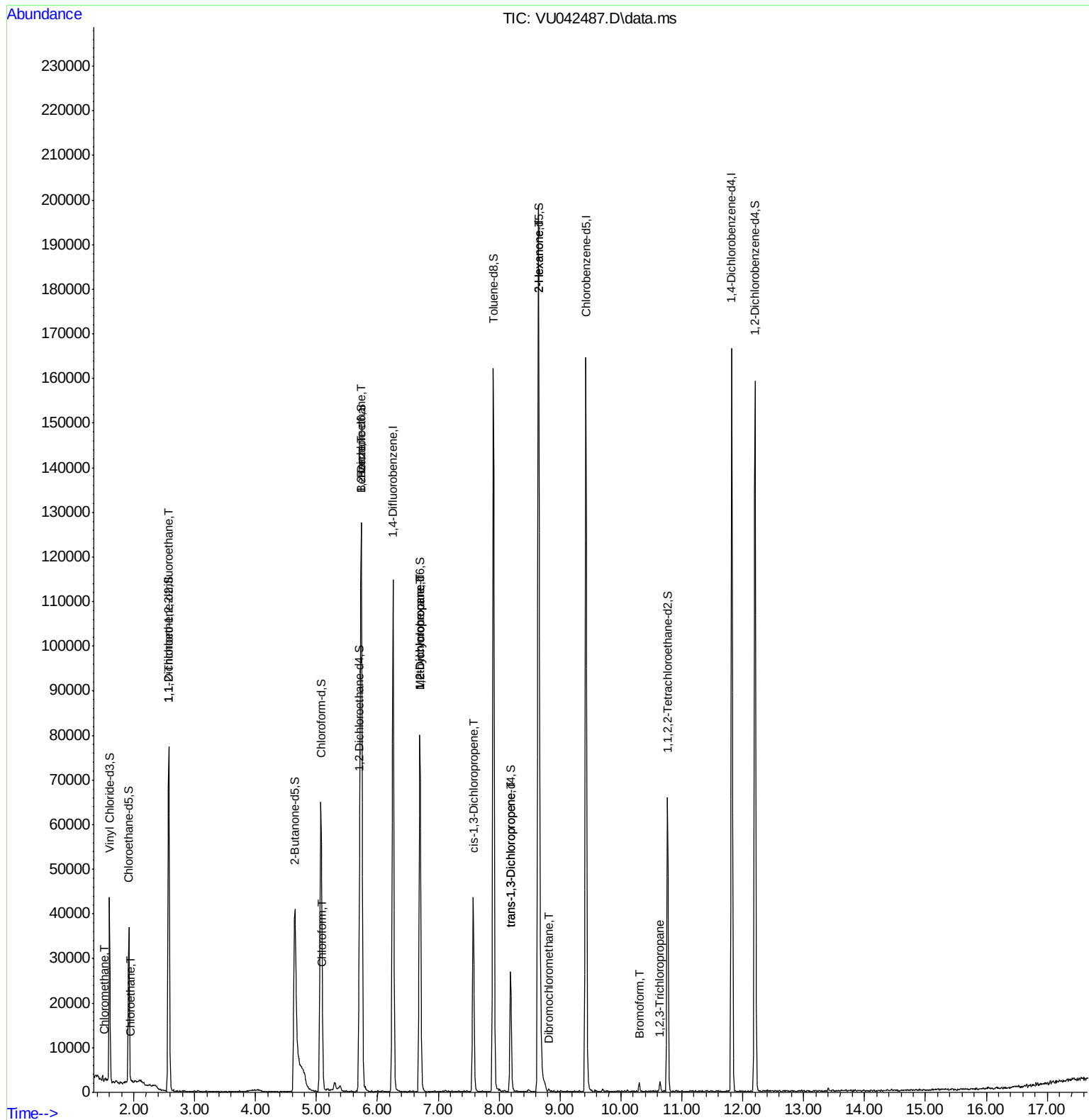
Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	88550	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.426	117	85669	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.819	152	40887	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	28559	4.84	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.80%
7) Chloroethane-d5	1.919	69	22908	5.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.40%
11) 1,1-Dichloroethene-d2	2.575	63	47006	3.53	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.60%
20) 2-Butanone-d5	4.642	46	83492	43.08	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.16%
24) Chloroform-d	5.073	84	58079	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.40%
26) 1,2-Dichloroethane-d4	5.710	65	37900	5.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.60%
32) Benzene-d6	5.735	84	106581	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.40%
36) 1,2-Dichloropropane-d6	6.700	67	35439	5.23	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.60%
41) Toluene-d8	7.906	98	101526	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.00%
43) trans-1,3-Dichloroprop...	8.185	79	14446	4.56	ug/L	0.00
46) 2-Hexanone-d5	8.645	63	77252	50.97	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.94%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	29953	4.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.20%
64) 1,2-Dichlorobenzene-d4	12.201	152	39941	5.39	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.80%
Target Compounds						Qvalue
3) Chloromethane	1.520	50	416	0.05	ug/L #	42
8) Chloroethane	1.951	64	293	0.06	ug/L #	43
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	368	0.05	ug/L #	18
25) Chloroform	5.099	83	2533	0.19	ug/L	96
27) 1,2-Dichloroethane	5.739	62	666	0.07	ug/L #	75
33) Benzene	5.739	78	750	0.03	ug/L	100
35) Methylcyclohexane	6.700	83	7680	0.68	ug/L #	14
37) 1,2-Dichloropropane	6.700	63	4354	0.60	ug/L #	87
39) cis-1,3-Dichloropropene	7.574	75	1102	0.10	ug/L #	65
44) trans-1,3-Dichloropropene	8.185	75	790	0.08	ug/L #	73
48) 2-Hexanone	8.645	43	11597	2.49	ug/L #	70
49) Dibromochloromethane	8.816	129	373	0.06	ug/L #	65
59) 1,2,3-Trichloropropane	10.639	75	453	0.08	ug/L #	42
61) Bromoform	10.304	173	1046	0.28	ug/L #	94

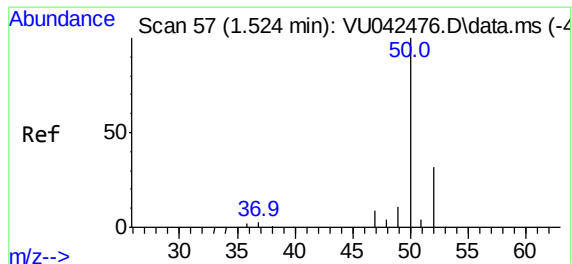
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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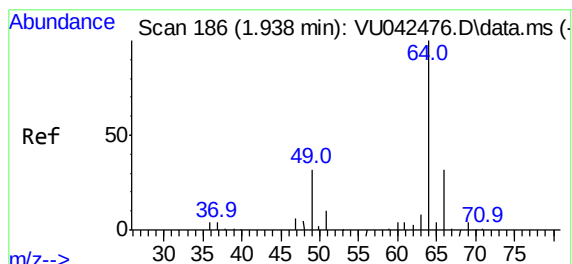
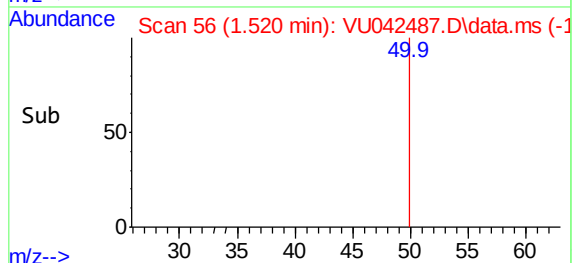
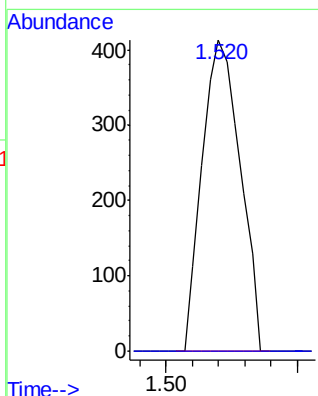
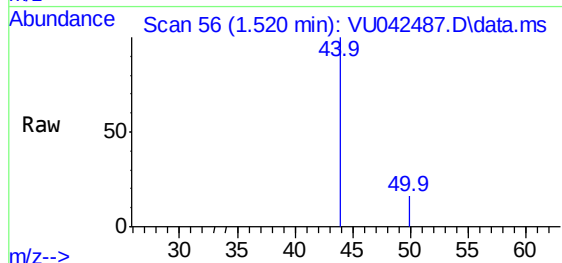




#3
Chloromethane
Concen: 0.05 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.004 min
Lab File: VU042487.D
Acq: 04 Mar 2021 16:12

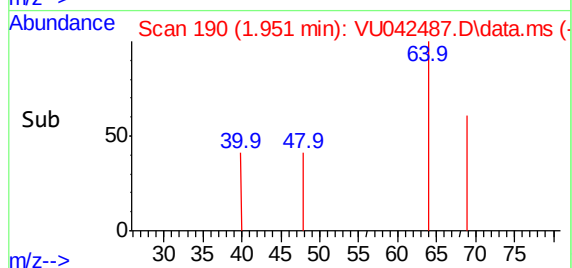
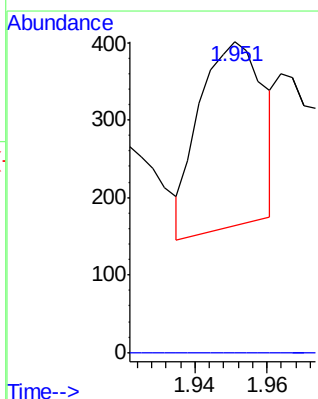
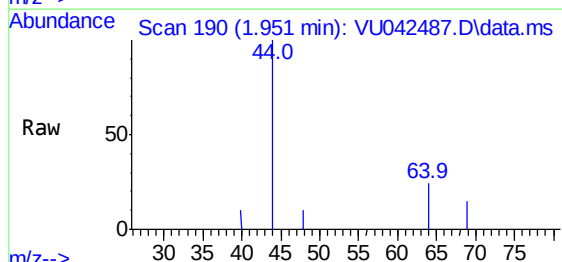
Instrument :
MSVOA_U
ClientSampleId :
F1G07

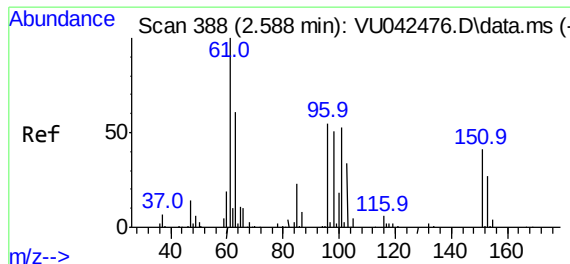
Tgt Ion: 50 Resp: 416
Ion Ratio Lower Upper
50 100
52 0.0 23.0 42.8#



#8
Chloroethane
Concen: 0.06 ug/L
RT: 1.951 min Scan# 190
Delta R.T. 0.012 min
Lab File: VU042487.D
Acq: 04 Mar 2021 16:12

Tgt Ion: 64 Resp: 293
Ion Ratio Lower Upper
64 100
66 0.0 22.2 41.2#

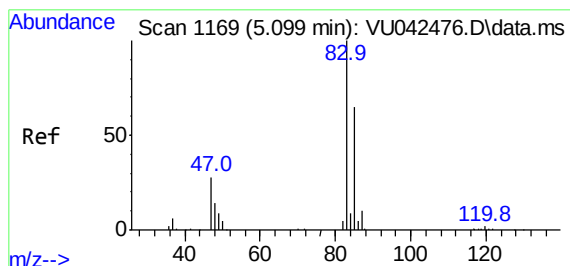
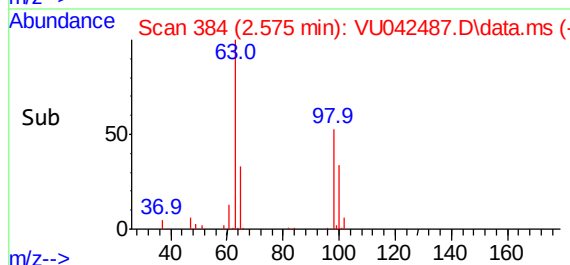
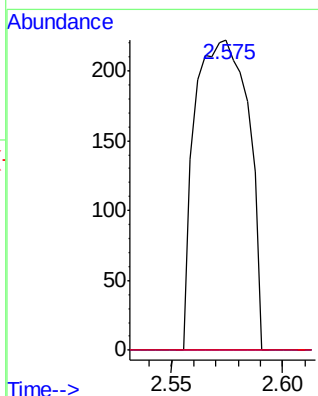
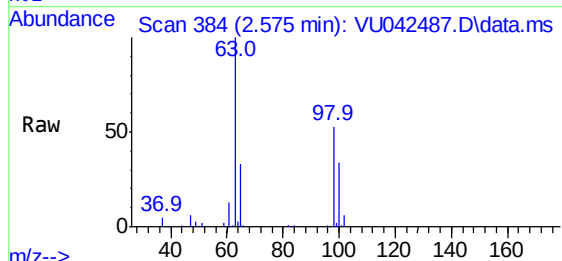




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.05 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.013 min
Lab File: VU042487.D
Acq: 04 Mar 2021 16:12

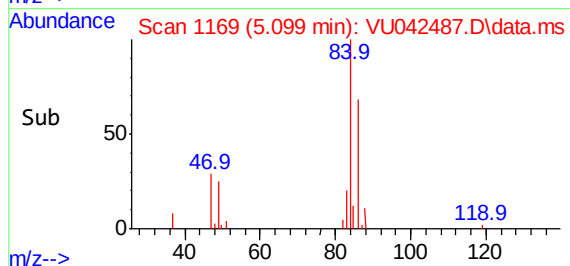
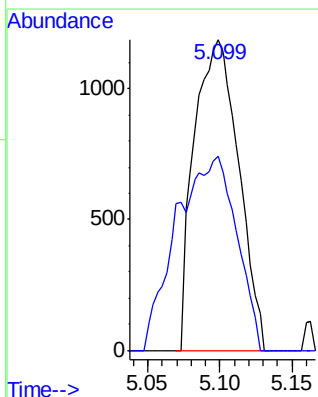
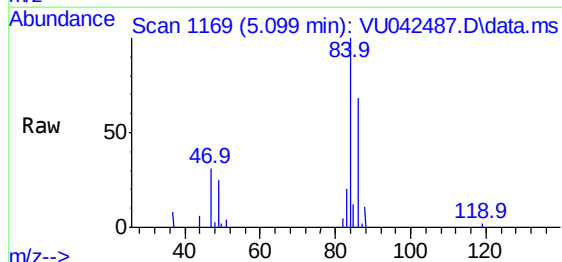
Instrument :
MSVOA_U
ClientSampled :
F1G07

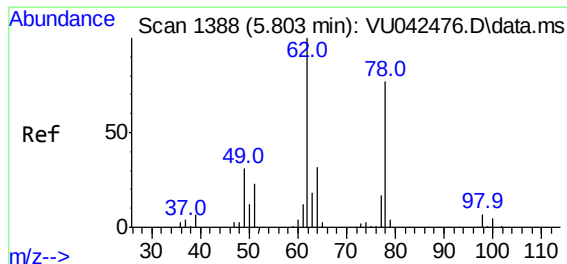
Tgt Ion:101 Resp: 368
Ion Ratio Lower Upper
101 100
85 0.0 34.6 51.8#
151 0.0 62.7 94.1#



#25
Chloroform
Concen: 0.19 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. -0.000 min
Lab File: VU042487.D
Acq: 04 Mar 2021 16:12

Tgt Ion: 83 Resp: 2533
Ion Ratio Lower Upper
83 100
85 62.3 45.7 84.9

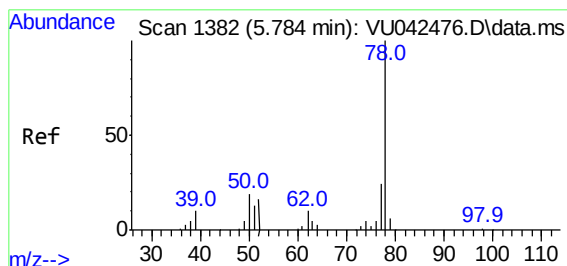
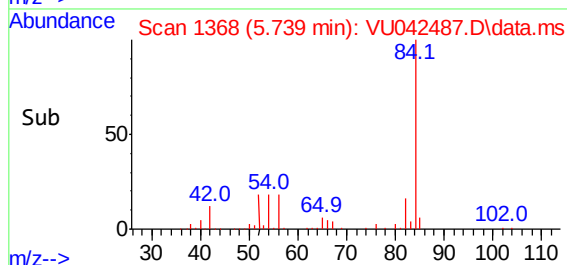
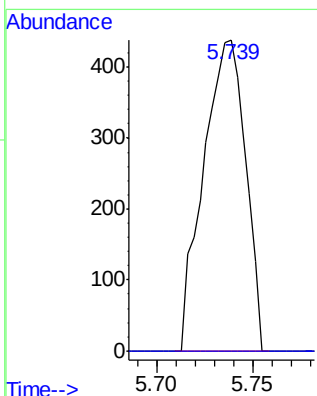
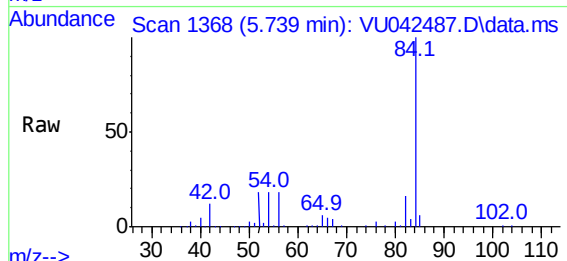




#27
1,2-Dichloroethane
Concen: 0.07 ug/L
RT: 5.739 min Scan# 1368
Delta R.T. -0.065 min
Lab File: VU042487.D
Acq: 04 Mar 2021 16:12

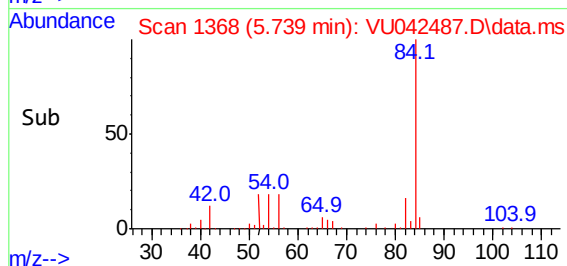
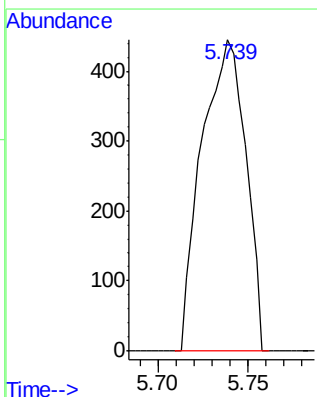
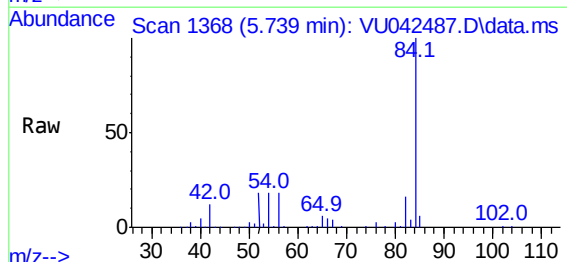
Instrument :
MSVOA_U
ClientSampleId :
F1G07

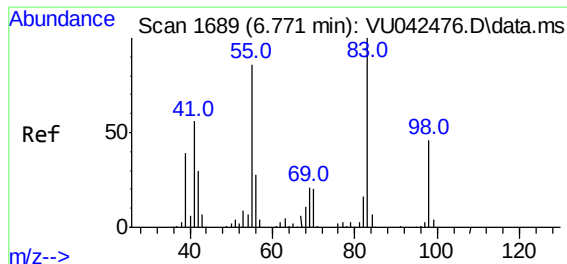
Tgt Ion: 62 Resp: 666
Ion Ratio Lower Upper
62 100
98 0.0 7.3 10.9#



#33
Benzene
Concen: 0.03 ug/L
RT: 5.739 min Scan# 1368
Delta R.T. -0.045 min
Lab File: VU042487.D
Acq: 04 Mar 2021 16:12

Tgt Ion: 78 Resp: 750

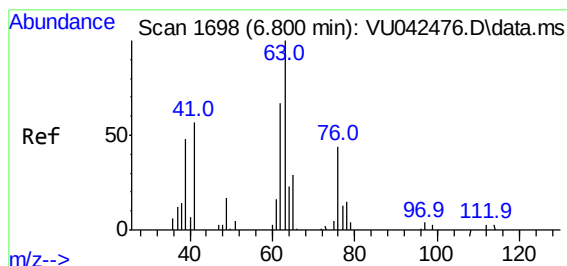
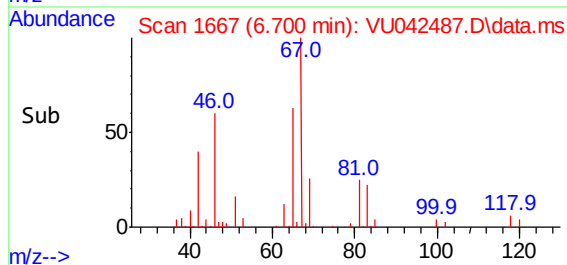
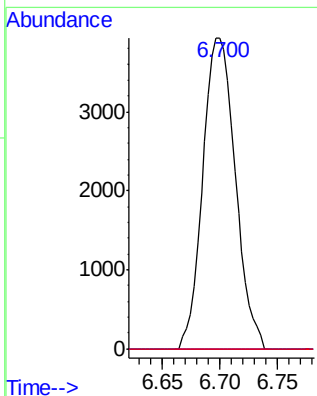
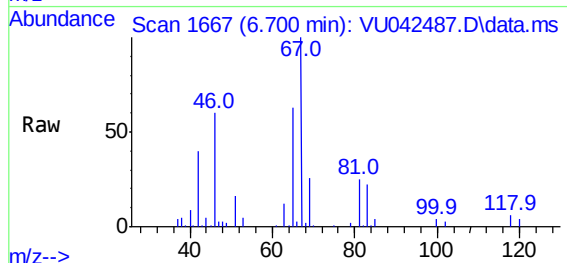




#35
Methylcyclohexane
Concen: 0.68 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.071 min
Lab File: VU042487.D
Acq: 04 Mar 2021 16:12

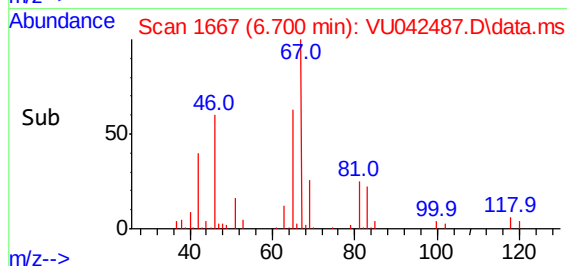
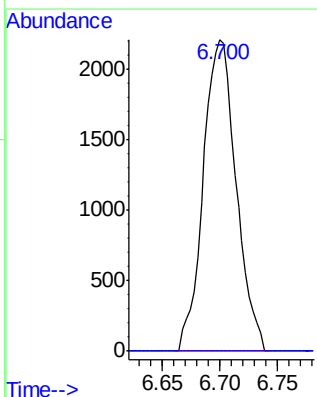
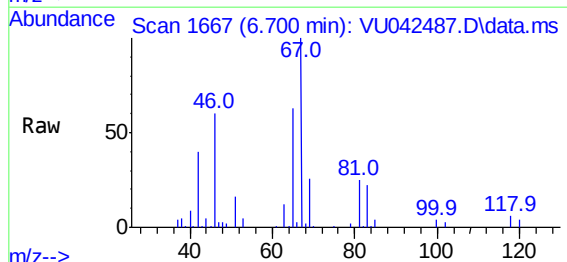
Instrument :
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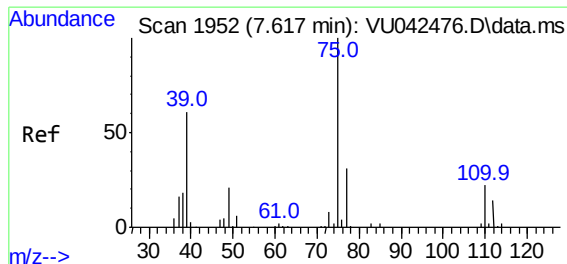
Tgt Ion: 83 Resp: 7680
Ion Ratio Lower Upper
83 100
55 0.0 68.2 102.4#
98 0.0 39.7 59.5#



#37
1,2-Dichloropropane
Concen: 0.60 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU042487.D
Acq: 04 Mar 2021 16:12

Tgt Ion: 63 Resp: 4354
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#

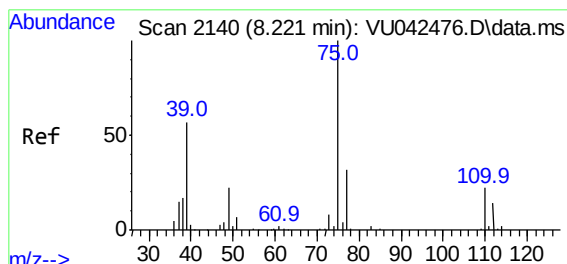
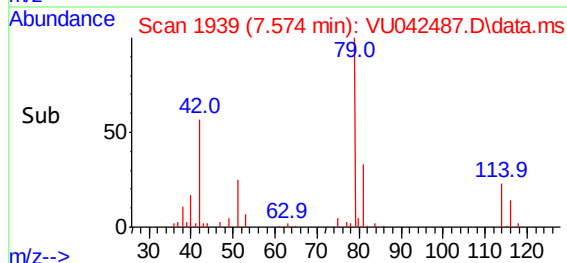
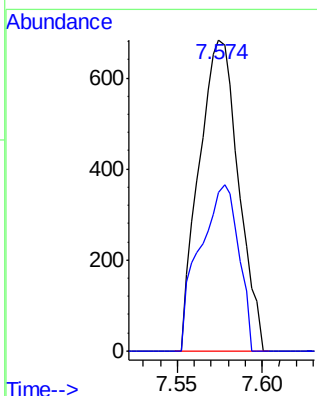
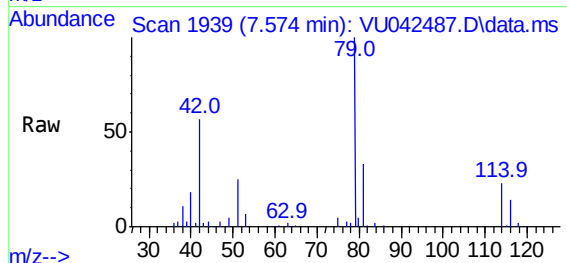




#39
cis-1,3-Dichloropropene
Concen: 0.10 ug/L
RT: 7.574 min Scan# 1939
Delta R.T. -0.042 min
Lab File: VU042487.D
Acq: 04 Mar 2021 16:12

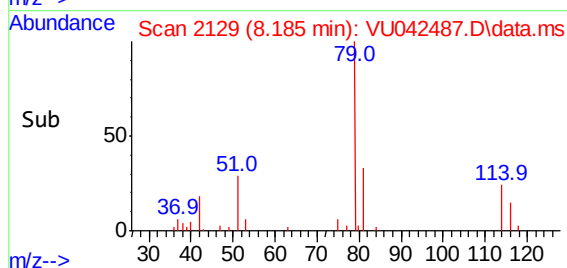
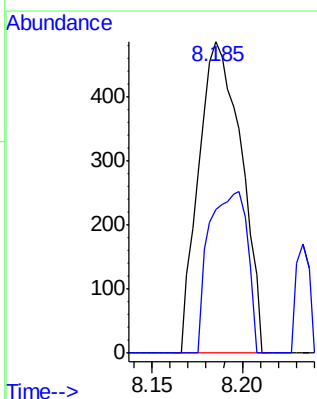
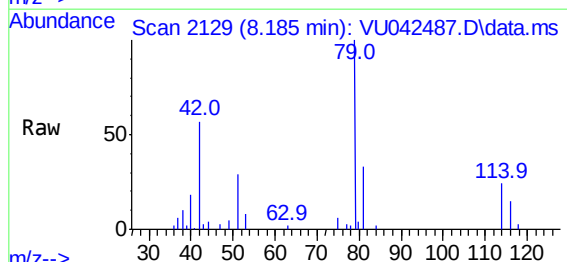
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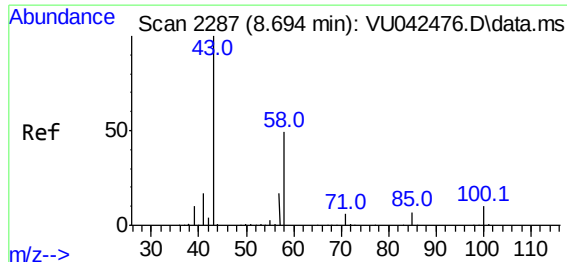
Tgt Ion: 75 Resp: 1102
Ion Ratio Lower Upper
75 100
77 51.0 22.0 40.8#



#44
trans-1,3-Dichloropropene
Concen: 0.08 ug/L
RT: 8.185 min Scan# 2129
Delta R.T. -0.036 min
Lab File: VU042487.D
Acq: 04 Mar 2021 16:12

Tgt Ion: 75 Resp: 790
Ion Ratio Lower Upper
75 100
77 46.1 21.8 40.4#

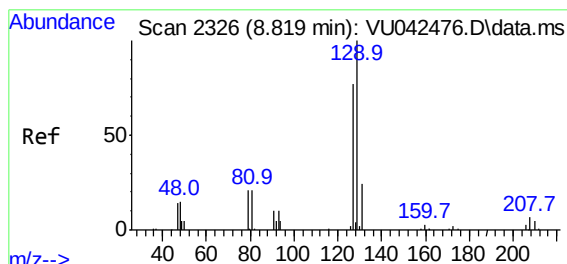
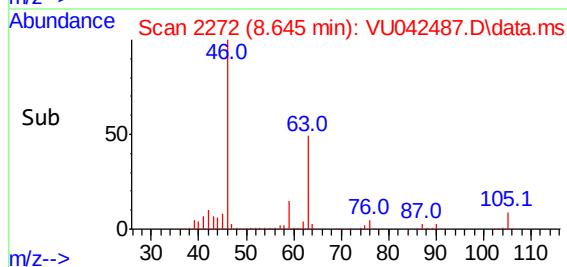
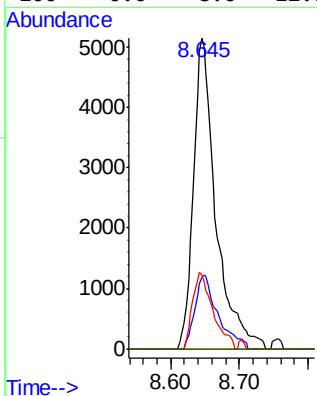
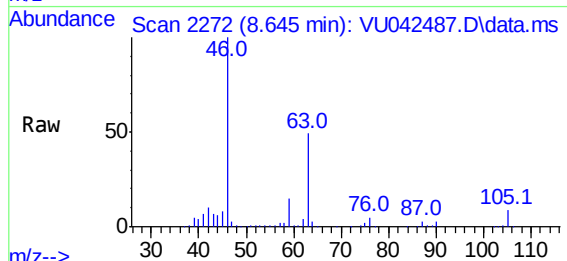




#48
2-Hexanone
Concen: 2.49 ug/L
RT: 8.645 min Scan# 2272
Delta R.T. -0.049 min
Lab File: VU042487.D
Acq: 04 Mar 2021 16:12

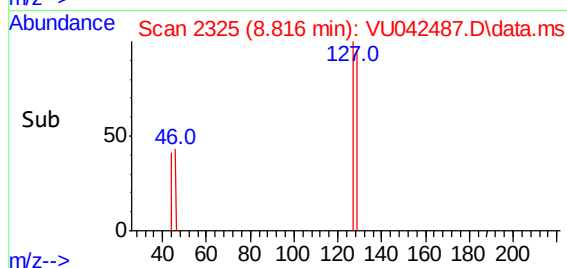
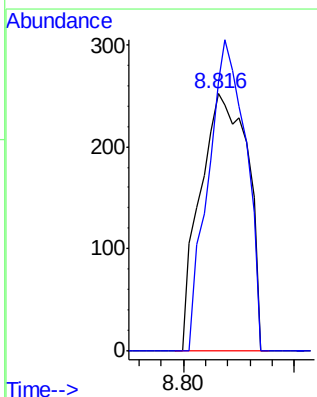
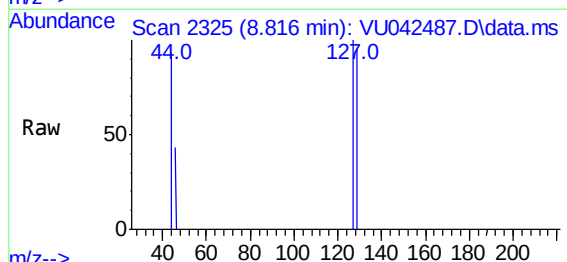
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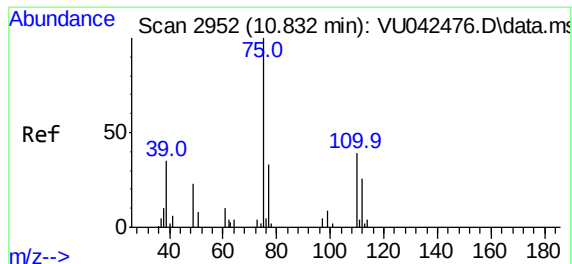
Tgt Ion:	43	Resp:	11597
Ion	Ratio	Lower	Upper
43	100		
58	24.3	40.6	61.0#
57	22.6	14.9	22.3#
100	0.0	8.6	12.8#



#49
Dibromochloromethane
Concen: 0.06 ug/L
RT: 8.816 min Scan# 2325
Delta R.T. -0.004 min
Lab File: VU042487.D
Acq: 04 Mar 2021 16:12

Tgt Ion:	129	Resp:	373
Ion	Ratio	Lower	Upper
129	100		
127	104.8	52.3	97.1#

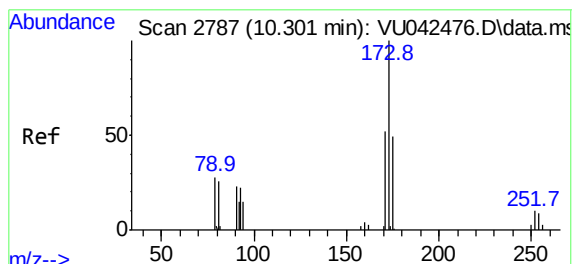
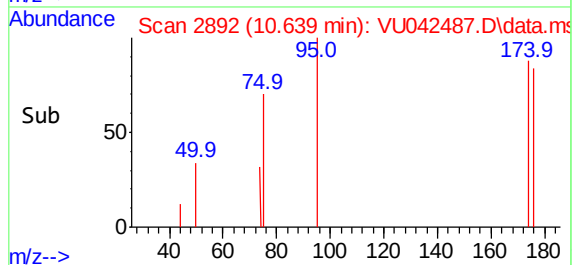
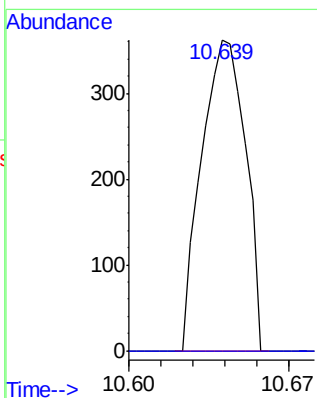
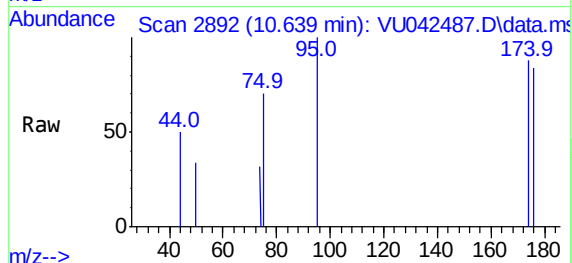




#59
 1,2,3-Trichloropropane
 Concen: 0.08 ug/L
 RT: 10.639 min Scan# 2892
 Delta R.T. -0.193 min
 Lab File: VU042487.D
 Acq: 04 Mar 2021 16:12

Instrument :
 MSVOA_U
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 F1G07

Tgt Ion: 75 Resp: 453
 Ion Ratio Lower Upper
 75 100
 77 0.0 26.0 39.0#



#61
 Bromoform
 Concen: 0.28 ug/L
 RT: 10.304 min Scan# 2788
 Delta R.T. 0.003 min
 Lab File: VU042487.D
 Acq: 04 Mar 2021 16:12

Tgt Ion: 173 Resp: 1046
 Ion Ratio Lower Upper
 173 100
 175 47.4 38.7 58.1
 254 0.0 7.9 11.9#

