

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031521\
 Data File : VU042670.D
 Acq On : 15 Mar 2021 17:44
 Operator : SY/MD
 Sample : M1656-02DL 20X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW108DL

Quant Time: Mar 16 01:39:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR030221WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Mar 16 01:32:07 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	80301	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	78874	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.822	152	36496	5.00	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	19938	3.72	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.40%
7) Chloroethane-d5	1.919	69	18651	4.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.00%
11) 1,1-Dichloroethene-d2	2.575	63	36806	3.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.80%
20) 2-Butanone-d5	4.649	46	76846	43.72	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.44%
24) Chloroform-d	5.073	84	49203	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.00%
26) 1,2-Dichloroethane-d4	5.713	65	33777	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.80%
32) Benzene-d6	5.735	84	87553	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.60%
36) 1,2-Dichloropropane-d6	6.700	67	29306	4.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.00%
41) Toluene-d8	7.906	98	83750	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.80%
43) trans-1,3-Dichloroprop...	8.185	79	12502	4.29	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.80%
46) 2-Hexanone-d5	8.648	63	69482	49.79	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.58%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	27478	4.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.80%
64) 1,2-Dichlorobenzene-d4	12.201	152	32616	4.93	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.60%

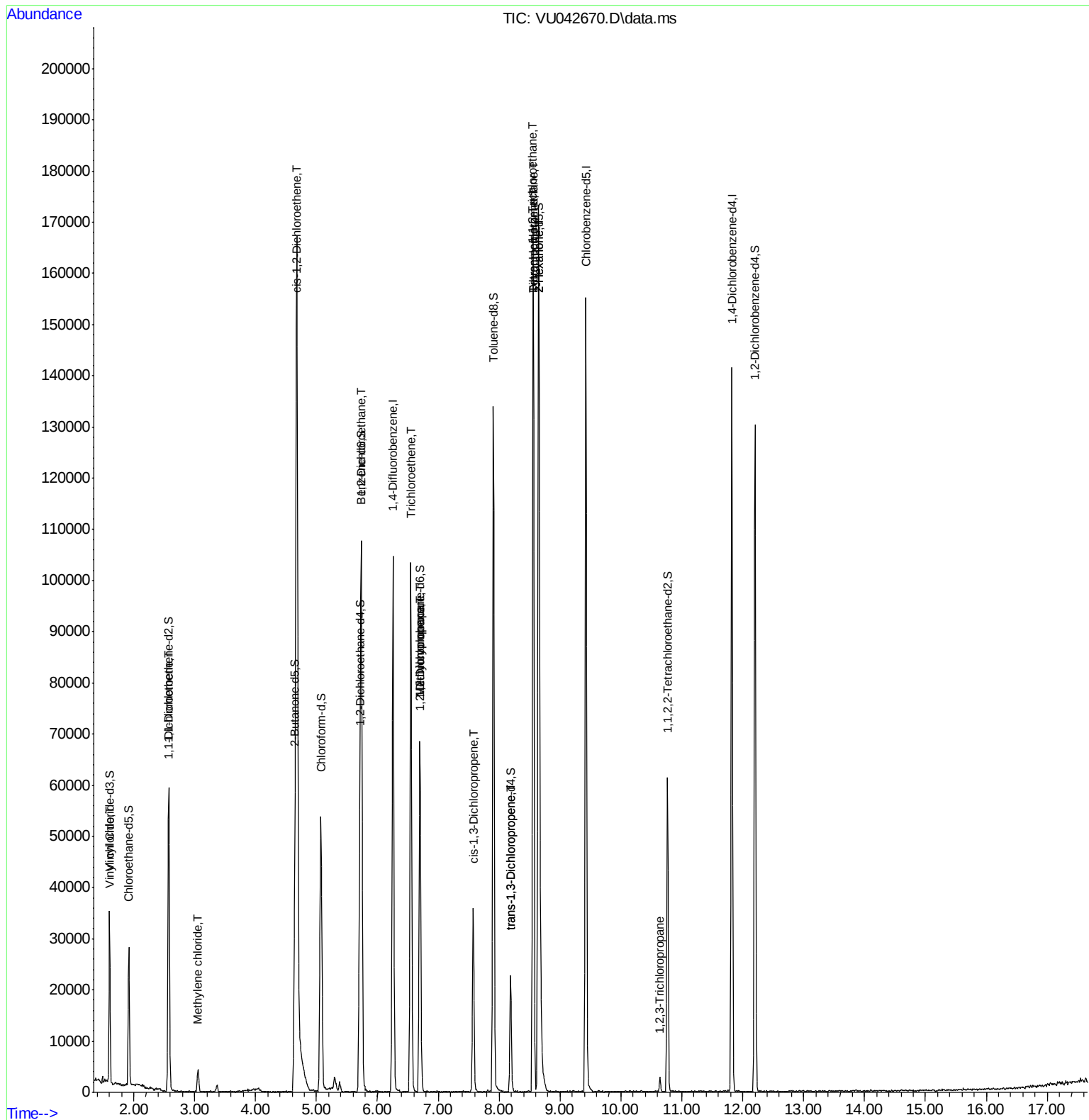
Target Compounds					Qvalue
5) Vinyl chloride	1.607	62	3322	0.47	ug/L 85
12) 1,1-Dichloroethene	2.578	96	375	0.07	ug/L # 1
16) Methylene chloride	3.054	84	1965	0.29	ug/L 89
22) cis-1,2-Dichloroethene	4.677	96	71128	11.19	ug/L 97
27) 1,2-Dichloroethane	5.732	62	582	0.06	ug/L # 75
34) Trichloroethene	6.549	95	33546	4.90	ug/L 97
35) Methylcyclohexane	6.700	83	7124	0.68	ug/L # 16
37) 1,2-Dichloropropane	6.703	63	3726	0.56	ug/L # 87
39) cis-1,3-Dichloropropene	7.574	75	1062	0.11	ug/L # 68
44) trans-1,3-Dichloropropene	8.185	75	463	0.05	ug/L # 31
45) 1,1,2-Trichloroethane	8.555	97	339	0.07	ug/L # 22
47) Tetrachloroethene	8.562	164	37158	6.66	ug/L 98
48) 2-Hexanone	8.648	43	11344	2.65	ug/L # 68
49) Dibromochloromethane	8.562	129	32786	5.33	ug/L # 13
59) 1,2,3-Trichloropropane	10.639	75	456	0.09	ug/L # 42

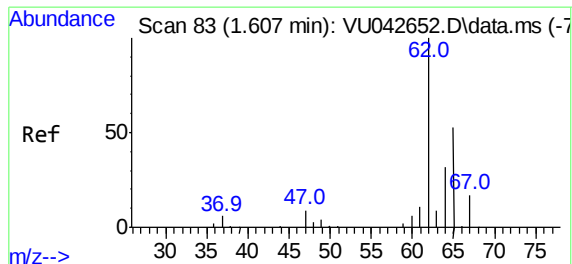
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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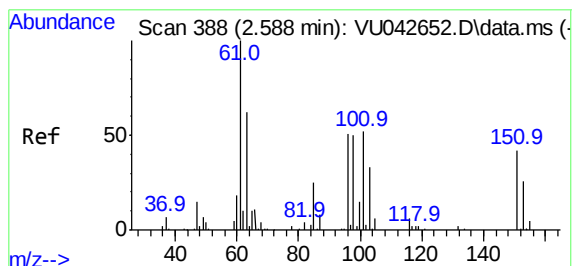
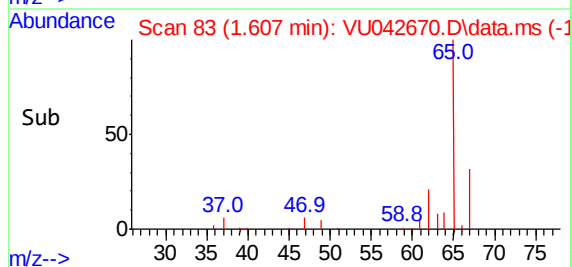
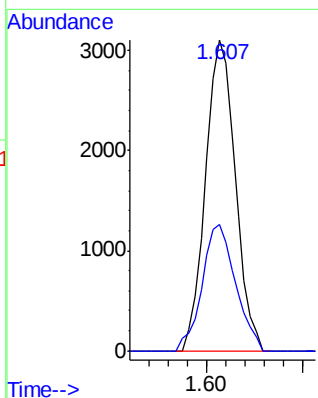
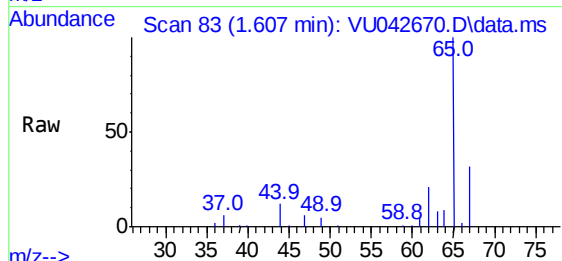




#5
 Vinyl chloride
 Concen: 0.47 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VU042670.D
 Acq: 15 Mar 2021 17:44

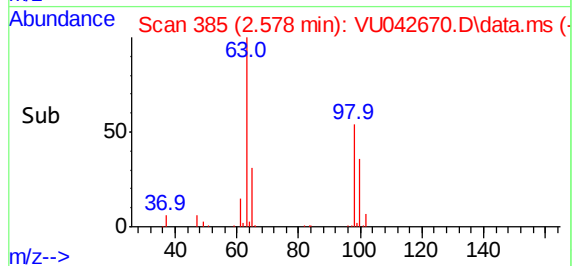
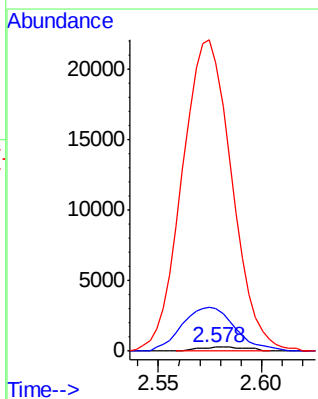
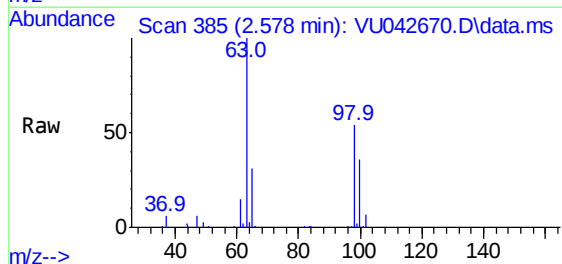
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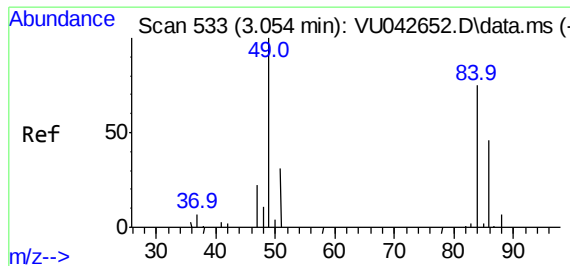
Tgt Ion: 62 Resp: 3322
 Ion Ratio Lower Upper
 62 100
 64 40.8 22.7 42.1



#12
 1,1-Dichloroethene
 Concen: 0.07 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. -0.010 min
 Lab File: VU042670.D
 Acq: 15 Mar 2021 17:44

Tgt Ion: 96 Resp: 375
 Ion Ratio Lower Upper
 96 100
 61 1232.1 126.2 234.4#
 63 8434.6 77.8 144.4#

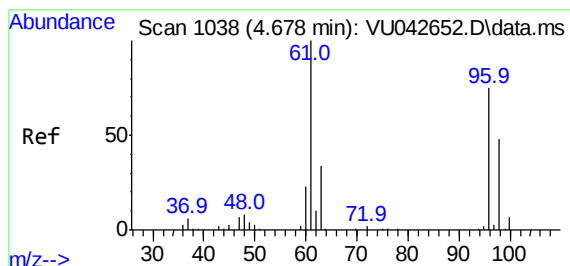
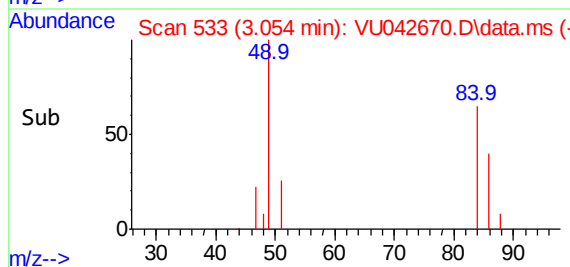
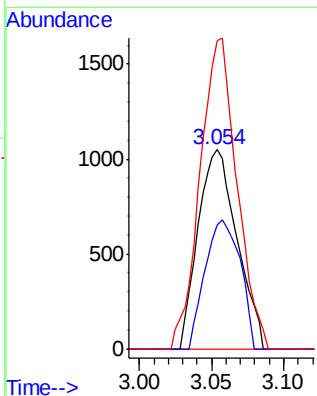
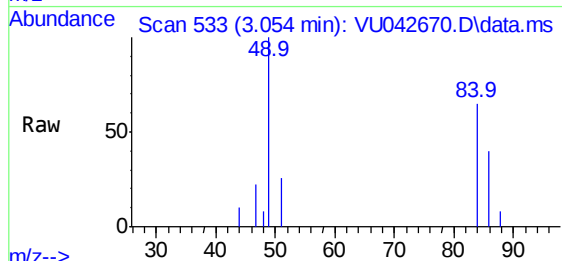




#16
Methylene chloride
Concen: 0.29 ug/L
RT: 3.054 min Scan# 533
Delta R.T. -0.000 min
Lab File: VU042670.D
Acq: 15 Mar 2021 17:44

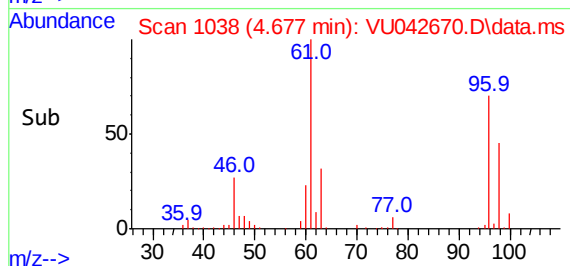
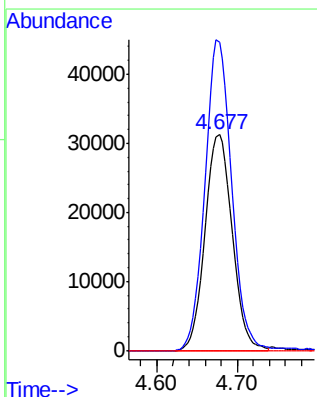
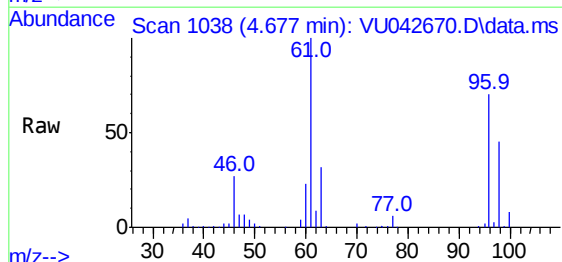
Instrument :
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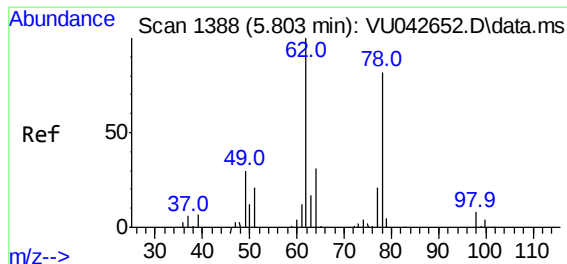
Tgt Ion: 84 Resp: 1965
Ion Ratio Lower Upper
84 100
86 62.0 44.1 81.9
49 154.9 95.0 176.4



#22
cis-1,2-Dichloroethene
Concen: 11.19 ug/L
RT: 4.677 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VU042670.D
Acq: 15 Mar 2021 17:44

Tgt Ion: 96 Resp: 71128
Ion Ratio Lower Upper
96 100
61 143.0 97.8 181.6
68 0.0 0.0 0.0

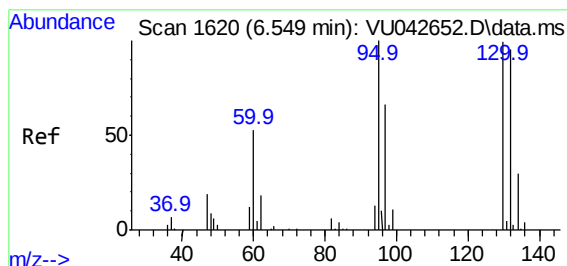
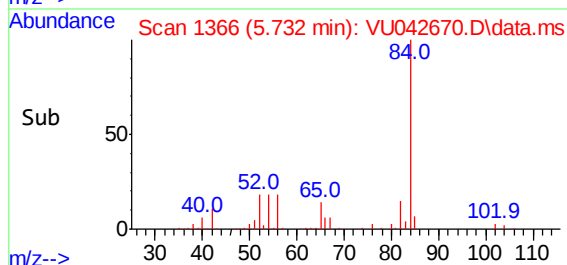
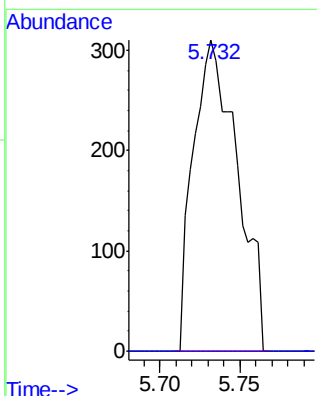
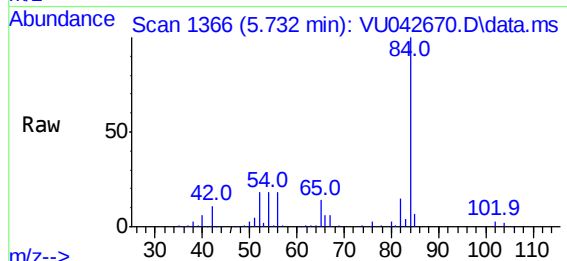




#27
1,2-Dichloroethane
Concen: 0.06 ug/L
RT: 5.732 min Scan# 1366
Delta R.T. -0.071 min
Lab File: VU042670.D
Acq: 15 Mar 2021 17:44

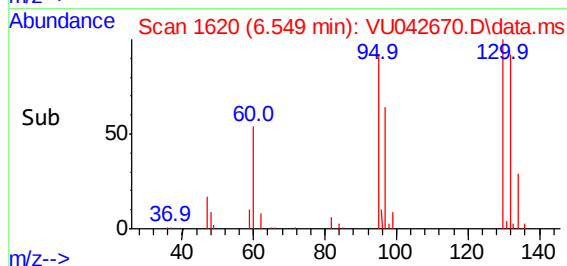
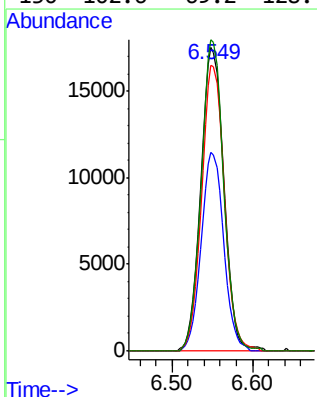
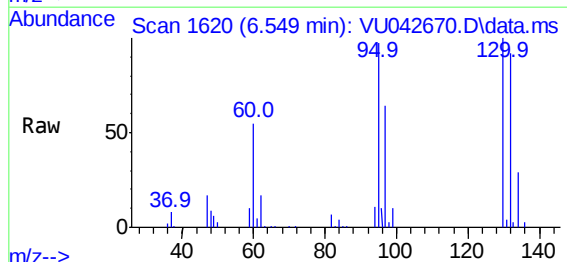
Instrument :
MSVOA_U
ClientSampleId :
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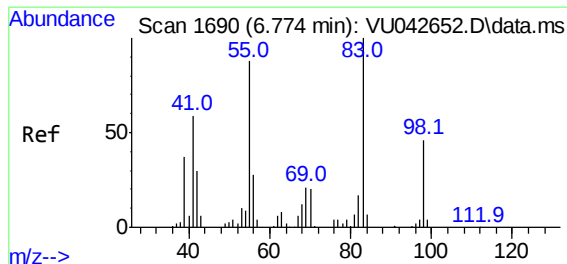
Tgt Ion: 62 Resp: 582
Ion Ratio Lower Upper
62 100
98 0.0 7.3 10.9#



#34
Trichloroethene
Concen: 4.90 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VU042670.D
Acq: 15 Mar 2021 17:44

Tgt Ion: 95 Resp: 33546
Ion Ratio Lower Upper
95 100
97 65.3 44.4 82.4
132 94.1 68.0 126.4
130 102.6 69.2 128.4

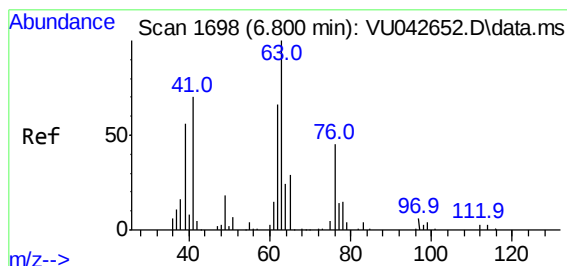
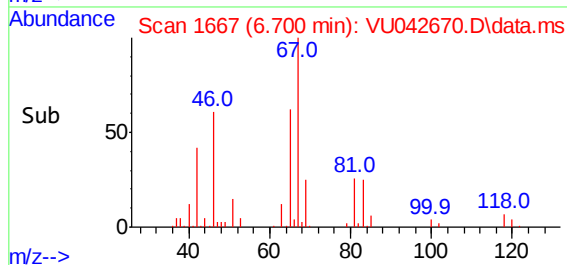
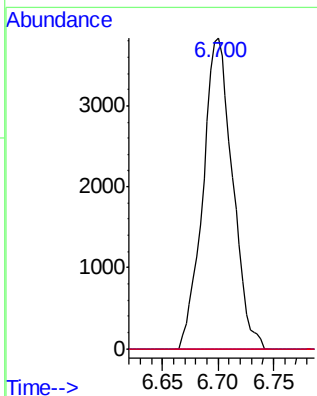
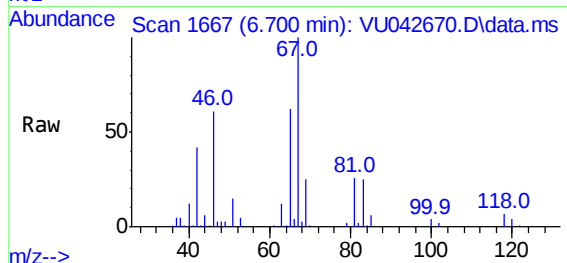




#35
Methylcyclohexane
Concen: 0.68 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.074 min
Lab File: VU042670.D
Acq: 15 Mar 2021 17:44

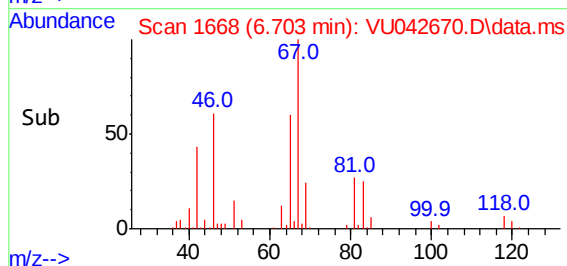
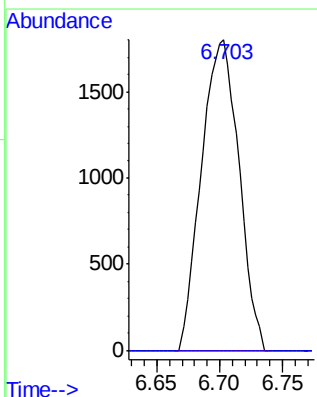
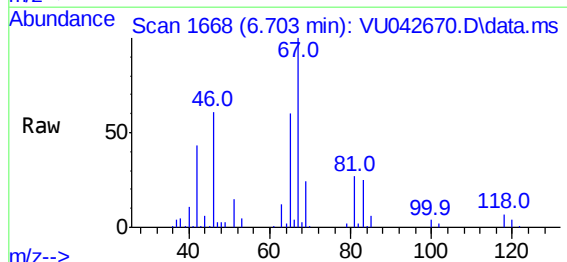
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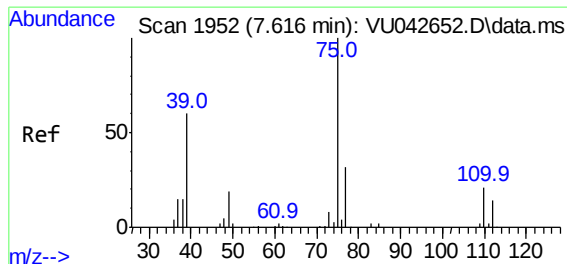
Tgt Ion: 83 Resp: 7124
Ion Ratio Lower Upper
83 100
55 0.0 68.2 102.4#
98 3.5 39.7 59.5#



#37
1,2-Dichloropropane
Concen: 0.56 ug/L
RT: 6.703 min Scan# 1668
Delta R.T. -0.097 min
Lab File: VU042670.D
Acq: 15 Mar 2021 17:44

Tgt Ion: 63 Resp: 3726
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#

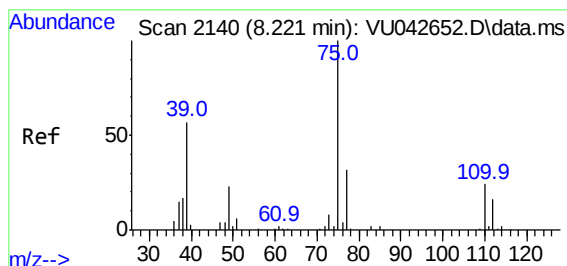
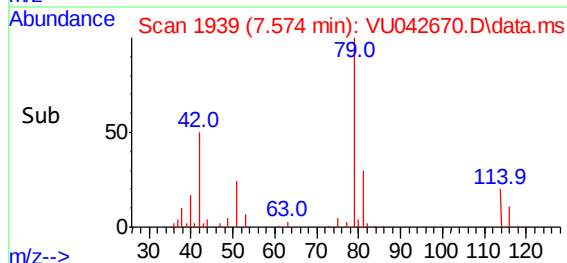
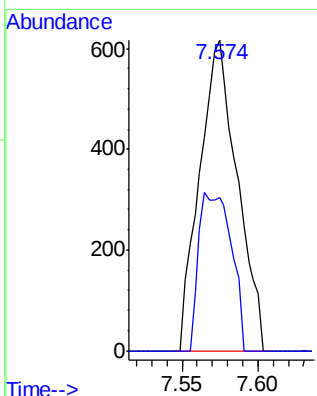
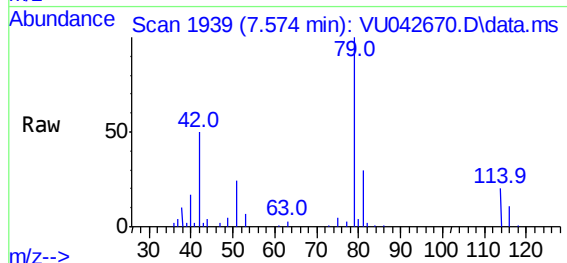




#39
cis-1,3-Dichloropropene
Concen: 0.11 ug/L
RT: 7.574 min Scan# 1939
Delta R.T. -0.042 min
Lab File: VU042670.D
Acq: 15 Mar 2021 17:44

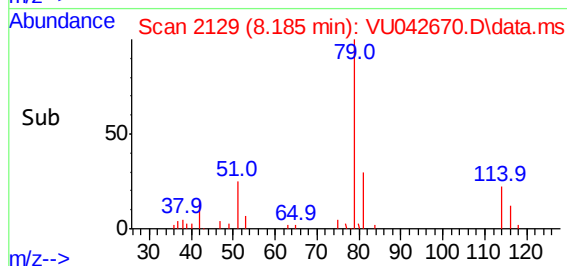
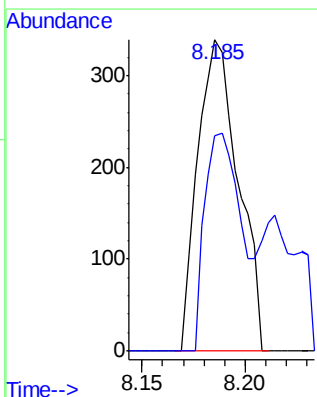
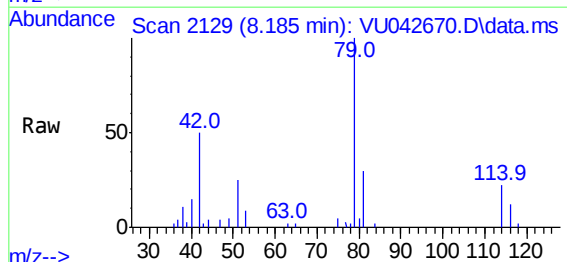
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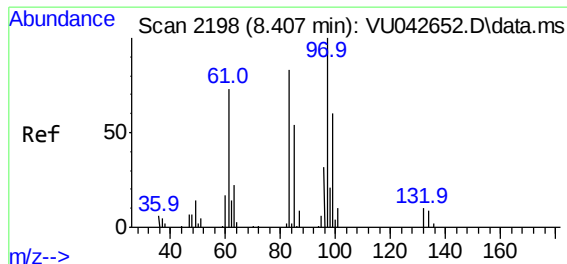
Tgt Ion: 75 Resp: 1062
Ion Ratio Lower Upper
75 100
77 49.3 22.0 40.8#



#44
trans-1,3-Dichloropropene
Concen: 0.05 ug/L
RT: 8.185 min Scan# 2129
Delta R.T. -0.035 min
Lab File: VU042670.D
Acq: 15 Mar 2021 17:44

Tgt Ion: 75 Resp: 463
Ion Ratio Lower Upper
75 100
77 69.0 21.8 40.4#



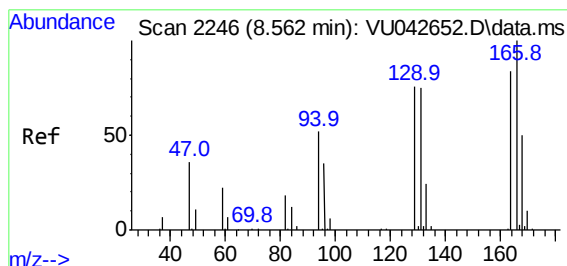
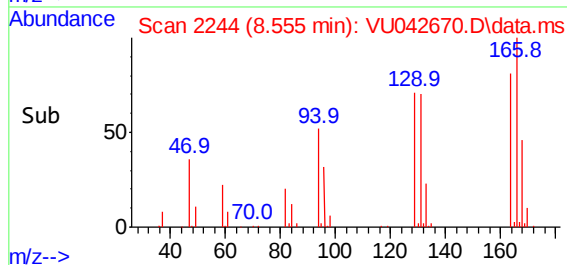
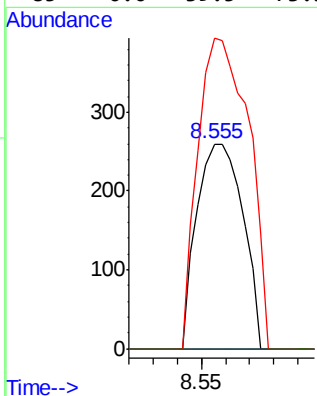
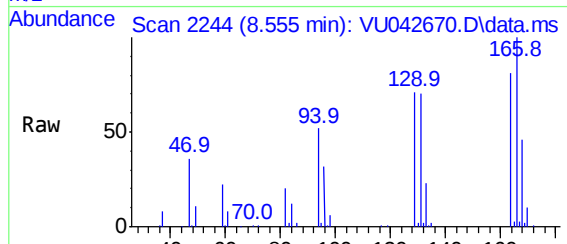


#45
1,1,2-Trichloroethane
Concen: 0.07 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.148 min
Lab File: VU042670.D
Acq: 15 Mar 2021 17:44

Instrument :
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Tgt Ion: 97 Resp: 339

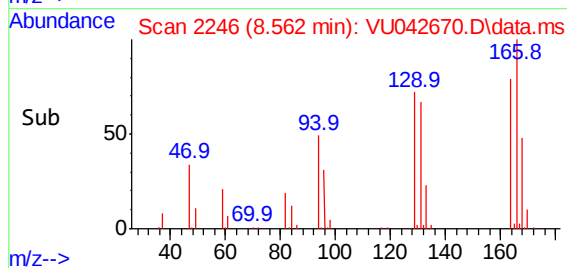
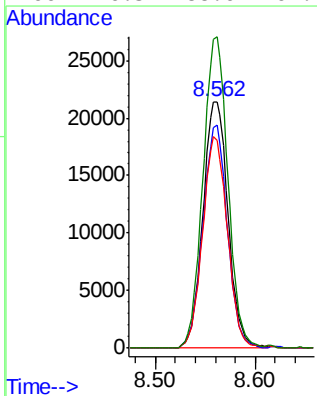
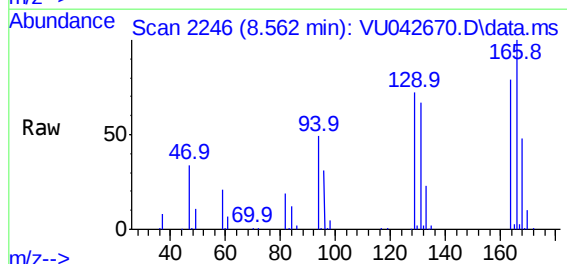
Ion	Ratio	Lower	Upper
97	100		
99	0.0	44.0	81.8#
83	151.5	57.6	107.0#
85	0.0	39.5	73.3#

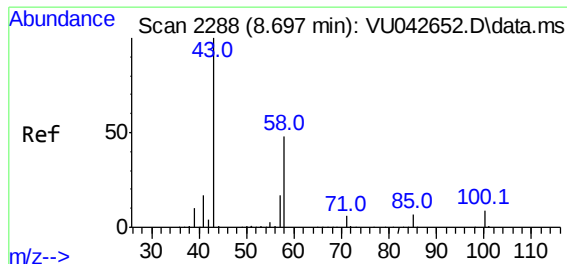


#47
Tetrachloroethene
Concen: 6.66 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. -0.000 min
Lab File: VU042670.D
Acq: 15 Mar 2021 17:44

Tgt Ion: 164 Resp: 37158

Ion	Ratio	Lower	Upper
164	100		
129	90.5	64.3	119.5
131	84.2	62.2	115.6
166	126.5	88.6	164.6

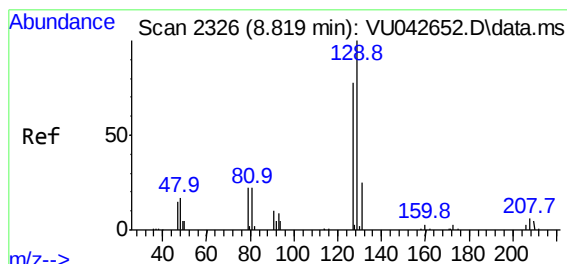
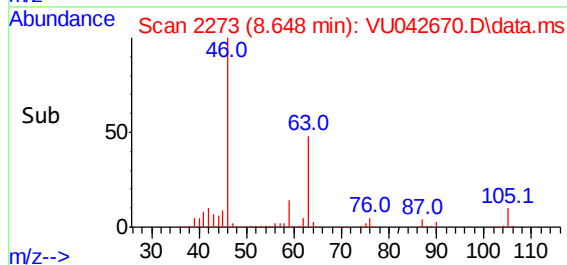
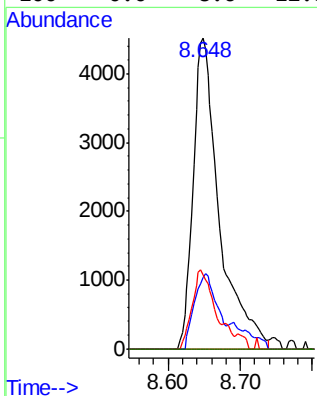
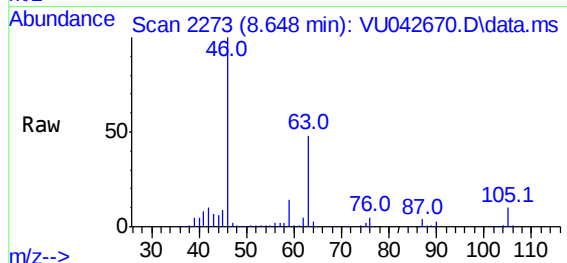




#48
2-Hexanone
Concen: 2.65 ug/L
RT: 8.648 min Scan# 2273
Delta R.T. -0.048 min
Lab File: VU042670.D
Acq: 15 Mar 2021 17:44

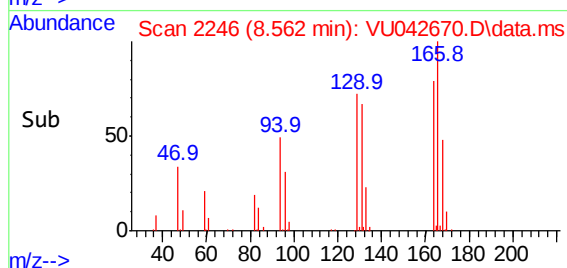
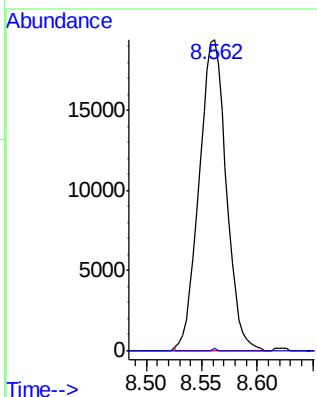
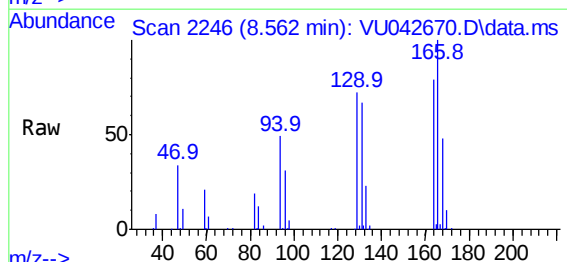
Instrument :
MSVOA_U
ClientSampleId :
EW108DL

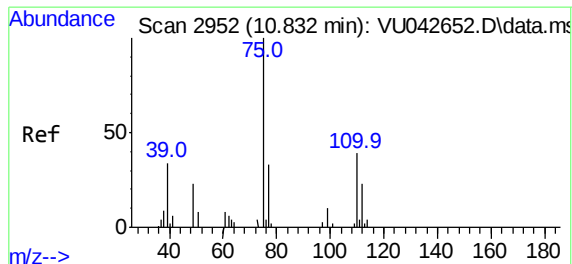
Tgt Ion: 43 Resp: 11344
Ion Ratio Lower Upper
43 100
58 20.9 40.6 61.0#
57 20.2 14.9 22.3
100 0.0 8.6 12.8#



#49
Dibromochloromethane
Concen: 5.33 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. -0.257 min
Lab File: VU042670.D
Acq: 15 Mar 2021 17:44

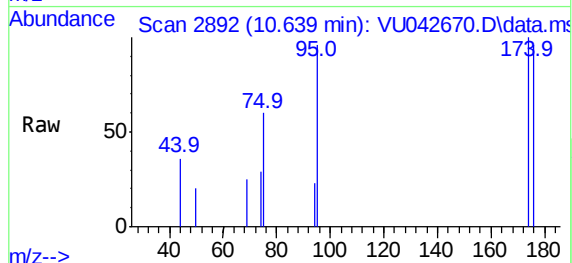
Tgt Ion: 129 Resp: 32786
Ion Ratio Lower Upper
129 100
127 0.6 52.3 97.1#





#59
 1,2,3-Trichloropropane
 Concen: 0.09 ug/L
 RT: 10.639 min Scan# 2892
 Delta R.T. -0.193 min
 Lab File: VU042670.D
 Acq: 15 Mar 2021 17:44

Instrument :
 MSVOA_U
 ClientSampleId :
 EW108DL



Tgt Ion: 75 Resp: 456
 Ion Ratio Lower Upper
 75 100
 77 0.0 26.0 39.0#

