

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030521\
 Data File : VU042513.D
 Acq On : 05 Mar 2021 19:29
 Operator : SY/MD
 Sample : M1588-14
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C03W1

Quant Time: Mar 06 00:51:33 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)

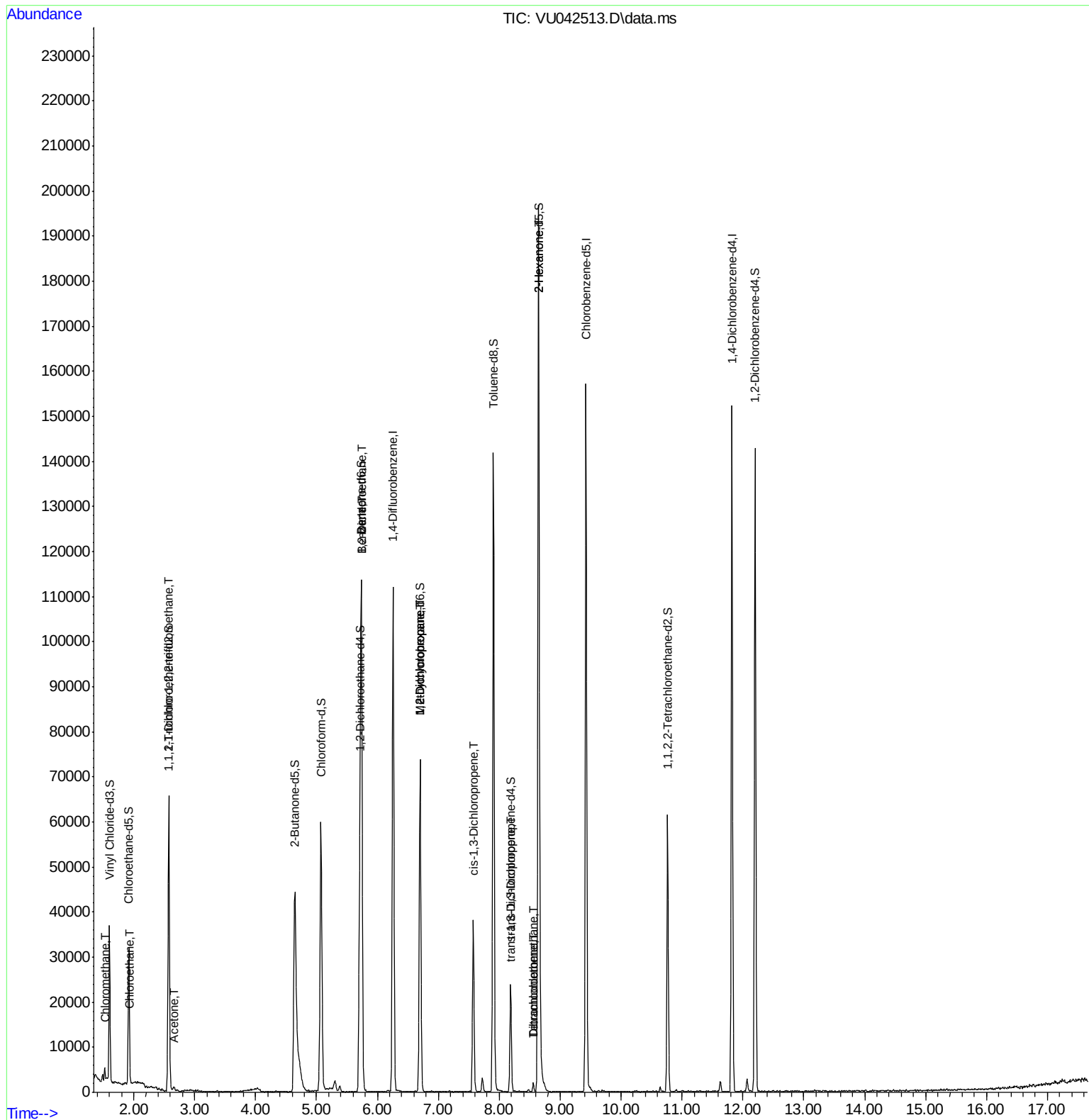
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	85907	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	80515	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.819	152	38756	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	23487	4.10	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.00%
7) Chloroethane-d5	1.919	69	20752	4.79	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.80%
11) 1,1-Dichloroethene-d2	2.575	63	40251	3.11	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.20%
20) 2-Butanone-d5	4.646	46	85556	45.50	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.00%
24) Chloroform-d	5.073	84	52522	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.80%
26) 1,2-Dichloroethane-d4	5.713	65	35348	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.40%
32) Benzene-d6	5.736	84	94253	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.40%
36) 1,2-Dichloropropane-d6	6.700	67	31730	4.98	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.60%
41) Toluene-d8	7.906	98	88482	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.80%
43) trans-1,3-Dichloroprop...	8.189	79	12431	4.18	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.60%
46) 2-Hexanone-d5	8.645	63	70108	49.21	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.42%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	27653	4.87	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.40%
64) 1,2-Dichlorobenzene-d4	12.201	152	36183	5.15	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.00%
Target Compounds						
3) Chloromethane	1.523	50	1821	0.24	ug/L	95
8) Chloroethane	1.935	64	376	0.08	ug/L #	43
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	321	0.05	ug/L #	18
13) Acetone	2.655	43	1728	1.19	ug/L	49
27) 1,2-Dichloroethane	5.739	62	635	0.07	ug/L #	75
33) Benzene	5.739	78	748	0.03	ug/L	100
35) Methylcyclohexane	6.700	83	7361	0.69	ug/L #	15
37) 1,2-Dichloropropane	6.700	63	3919	0.58	ug/L #	87
39) cis-1,3-Dichloropropene	7.575	75	1029	0.10	ug/L	88
44) trans-1,3-Dichloropropene	8.195	75	717	0.08	ug/L #	82
47) Tetrachloroethene	8.562	164	400	0.07	ug/L #	81
48) 2-Hexanone	8.645	43	10438	2.39	ug/L #	68
49) Dibromochloromethane	8.559	129	309	0.05	ug/L #	12

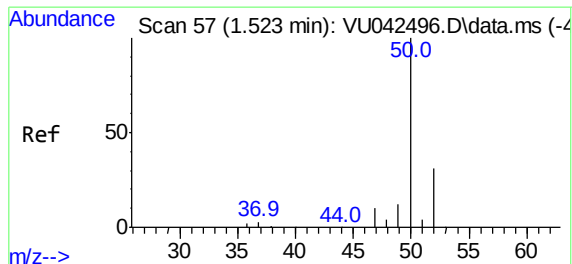
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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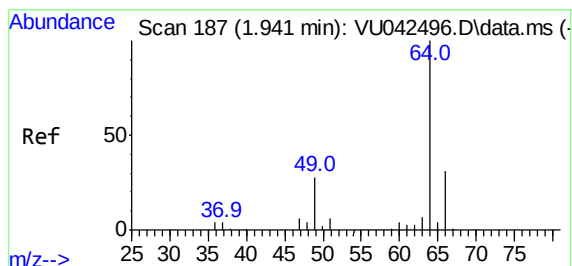
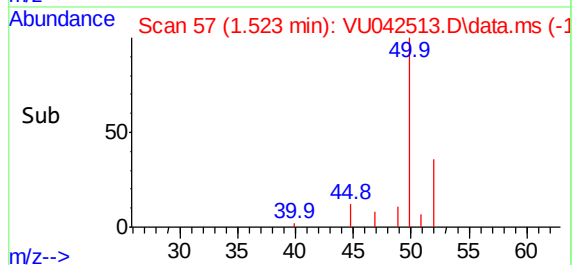
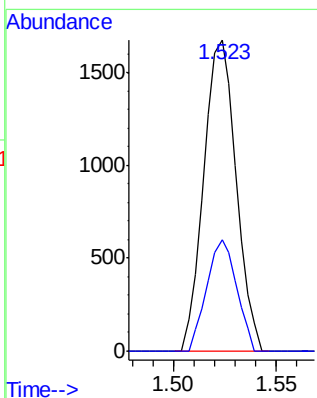
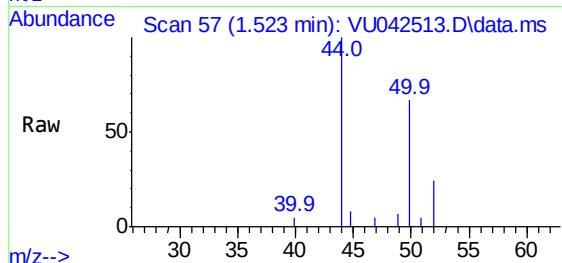




#3
Chloromethane
Concen: 0.24 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.003 min
Lab File: VU042513.D
Acq: 05 Mar 2021 19:29

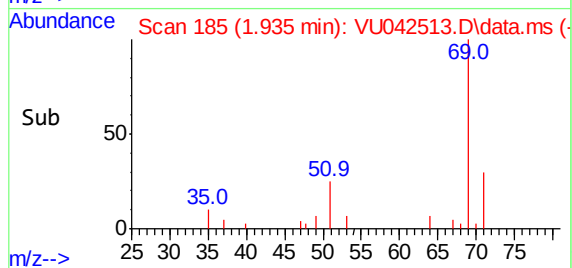
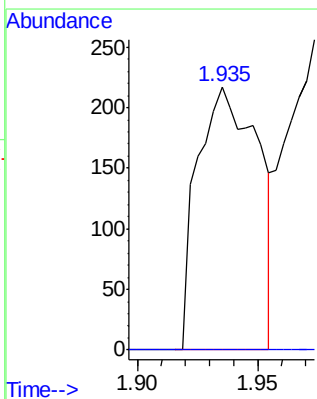
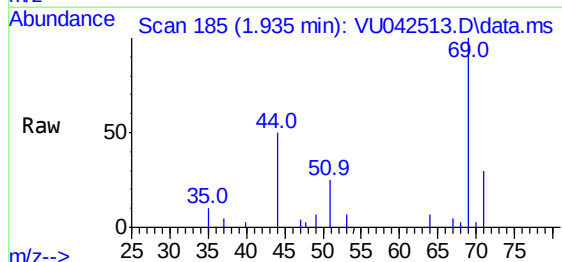
Instrument :
MSVOA_U
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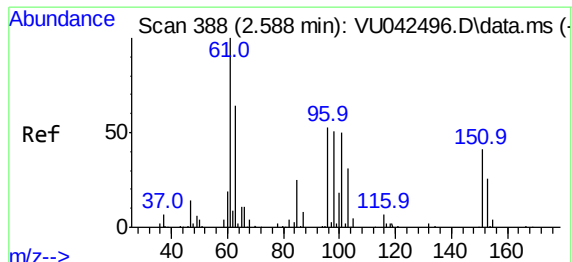
Tgt Ion: 50 Resp: 1821
Ion Ratio Lower Upper
50 100
52 35.6 23.0 42.8



#8
Chloroethane
Concen: 0.08 ug/L
RT: 1.935 min Scan# 185
Delta R.T. -0.003 min
Lab File: VU042513.D
Acq: 05 Mar 2021 19:29

Tgt Ion: 64 Resp: 376
Ion Ratio Lower Upper
64 100
66 0.0 22.2 41.2#

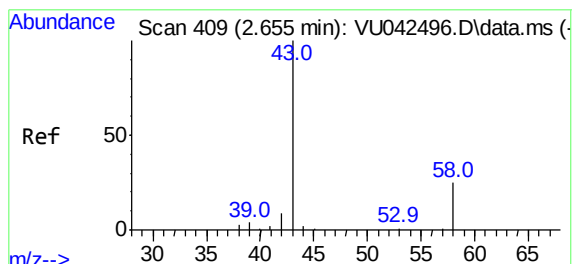
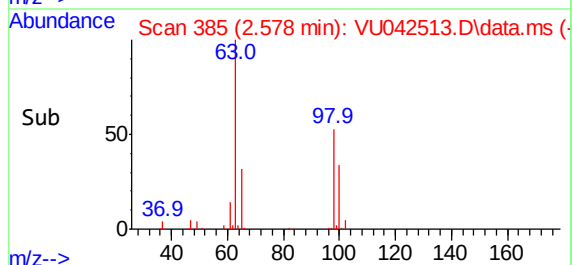
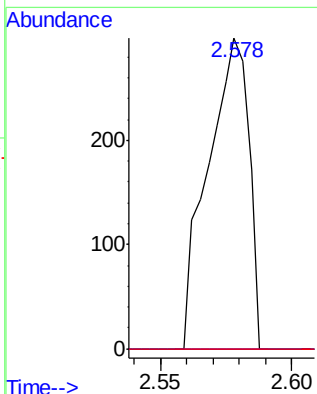
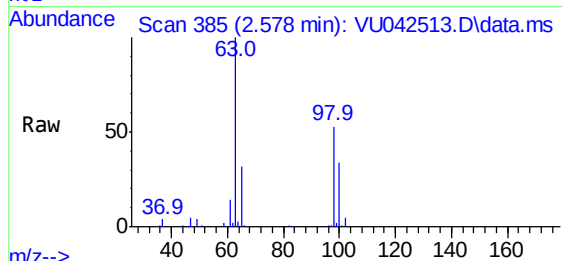




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.05 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. -0.010 min
 Lab File: VU042513.D
 Acq: 05 Mar 2021 19:29

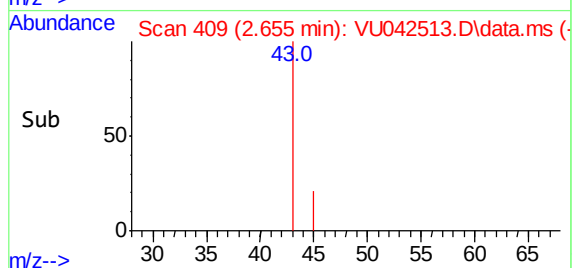
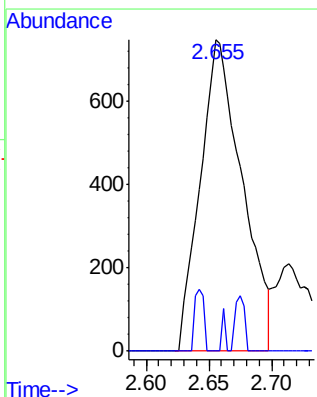
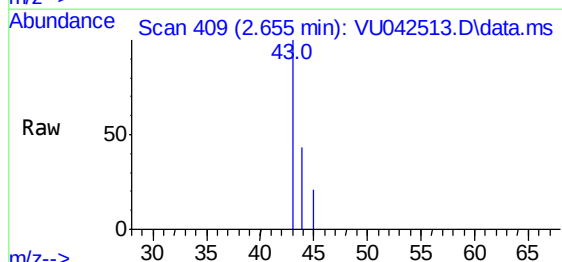
Instrument :
 MSVOA_U
 ClientSampleId :
 C03W1

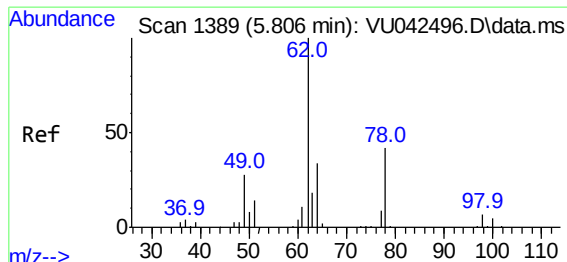
Tgt Ion:101 Resp: 321
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.6 51.8#
 151 0.0 62.7 94.1#



#13
 Acetone
 Concen: 1.19 ug/L
 RT: 2.655 min Scan# 409
 Delta R.T. -0.003 min
 Lab File: VU042513.D
 Acq: 05 Mar 2021 19:29

Tgt Ion: 43 Resp: 1728
 Ion Ratio Lower Upper
 43 100
 58 1.1 0.0 55.8

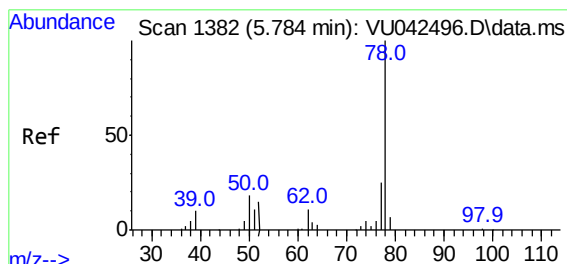
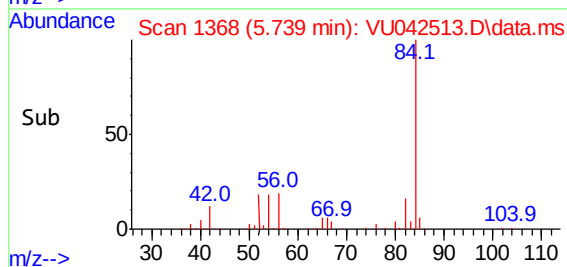
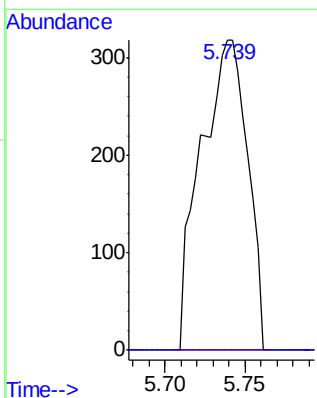
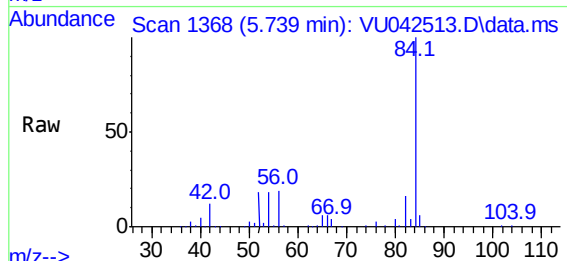




#27
1,2-Dichloroethane
Concen: 0.07 ug/L
RT: 5.739 min Scan# 1368
Delta R.T. -0.068 min
Lab File: VU042513.D
Acq: 05 Mar 2021 19:29

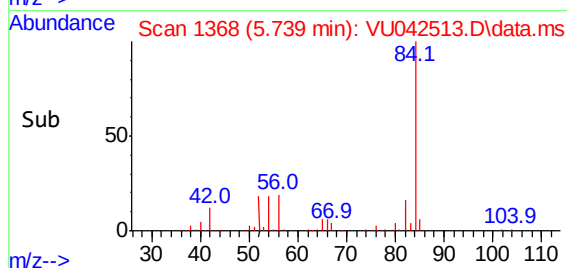
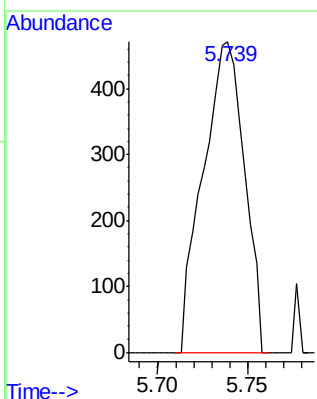
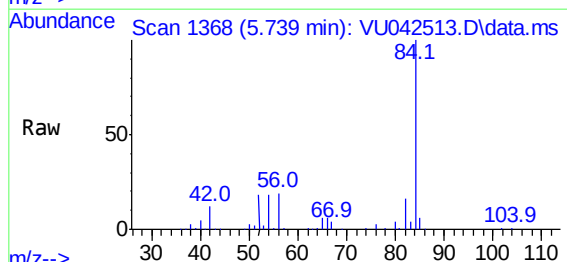
Instrument :
MSVOA_U
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C03W1

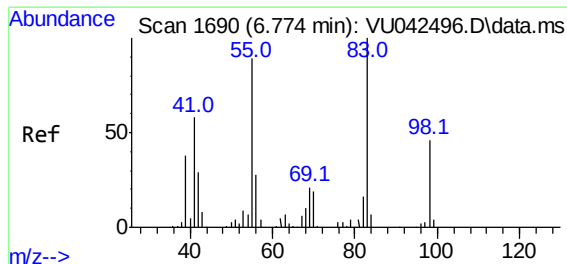
Tgt Ion: 62 Resp: 635
Ion Ratio Lower Upper
62 100
98 0.0 7.3 10.9#



#33
Benzene
Concen: 0.03 ug/L
RT: 5.739 min Scan# 1368
Delta R.T. -0.045 min
Lab File: VU042513.D
Acq: 05 Mar 2021 19:29

Tgt Ion: 78 Resp: 748

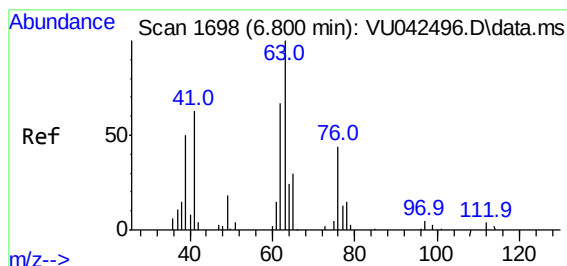
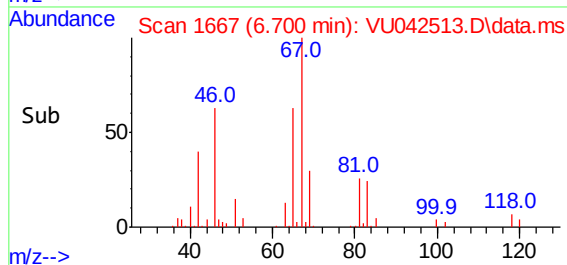
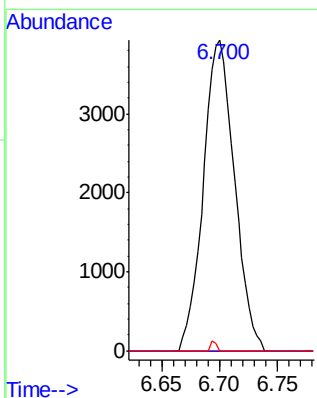
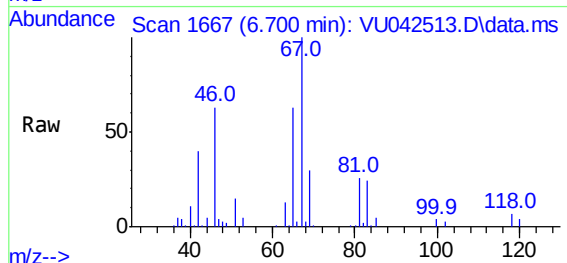




#35
Methylcyclohexane
Concen: 0.69 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.071 min
Lab File: VU042513.D
Acq: 05 Mar 2021 19:29

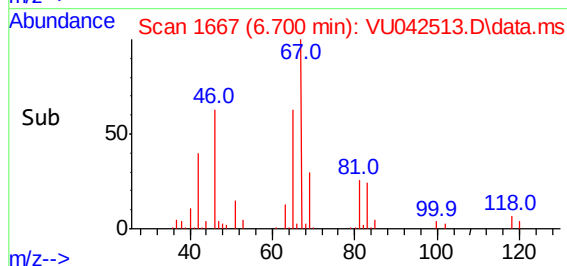
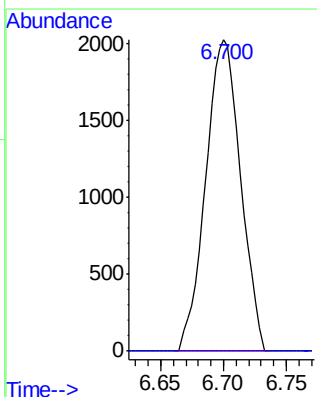
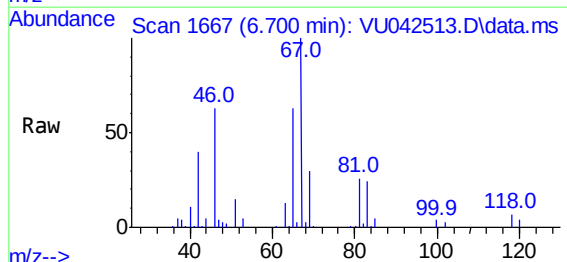
Instrument :
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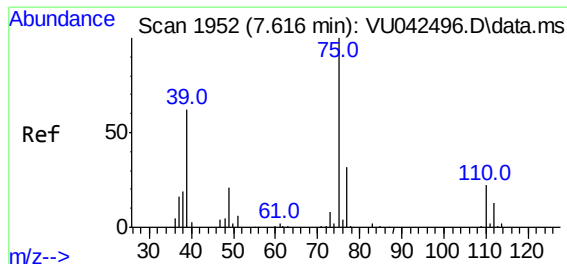
Tgt Ion: 83 Resp: 7361
Ion Ratio Lower Upper
83 100
55 0.0 68.2 102.4#
98 0.6 39.7 59.5#



#37
1,2-Dichloropropane
Concen: 0.58 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU042513.D
Acq: 05 Mar 2021 19:29

Tgt Ion: 63 Resp: 3919
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#

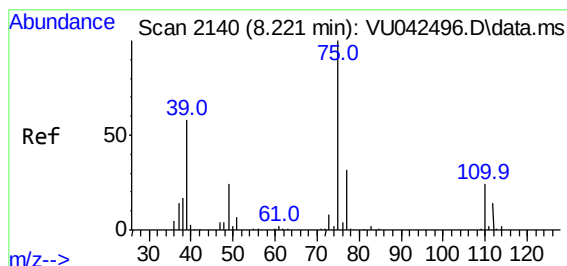
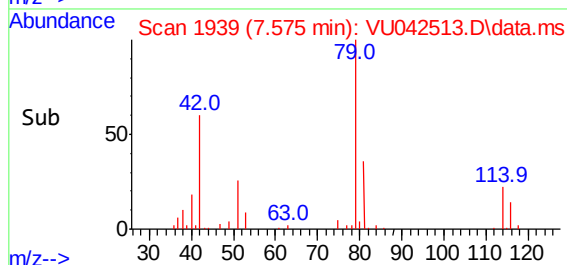
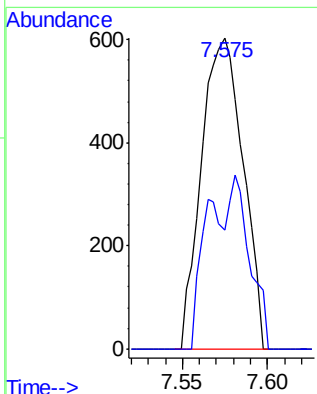
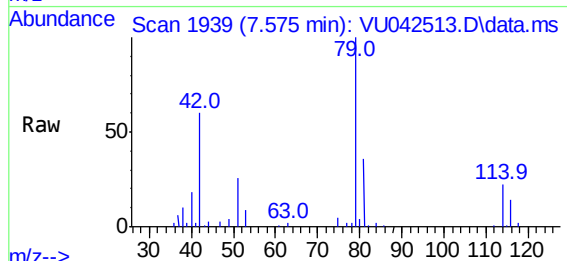




#39
cis-1,3-Dichloropropene
Concen: 0.10 ug/L
RT: 7.575 min Scan# 1939
Delta R.T. -0.042 min
Lab File: VU042513.D
Acq: 05 Mar 2021 19:29

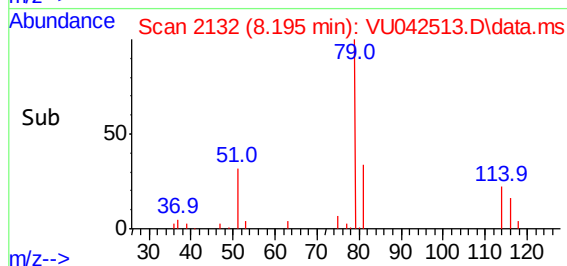
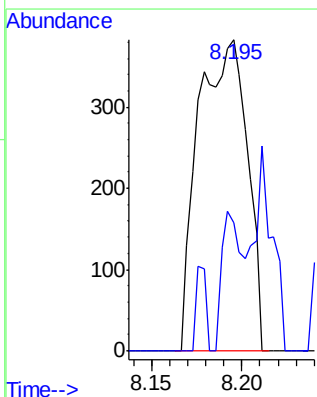
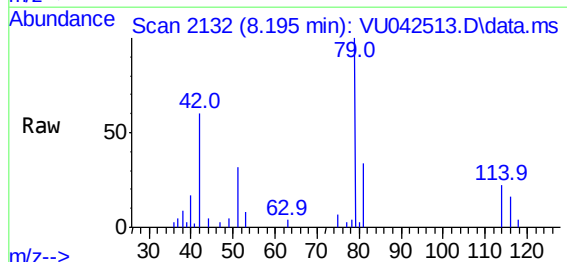
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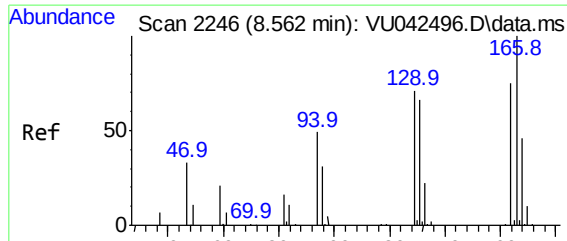
Tgt Ion: 75 Resp: 1029
Ion Ratio Lower Upper
75 100
77 38.1 22.0 40.8



#44
trans-1,3-Dichloropropene
Concen: 0.08 ug/L
RT: 8.195 min Scan# 2132
Delta R.T. -0.023 min
Lab File: VU042513.D
Acq: 05 Mar 2021 19:29

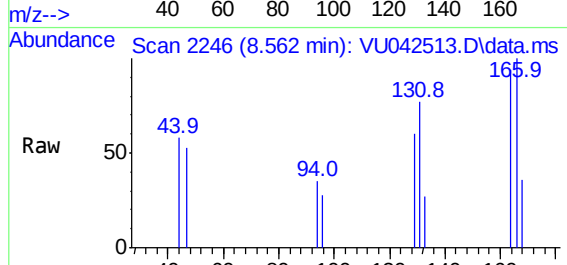
Tgt Ion: 75 Resp: 717
Ion Ratio Lower Upper
75 100
77 41.3 21.8 40.4#



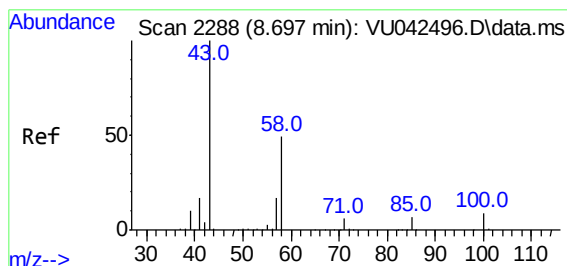
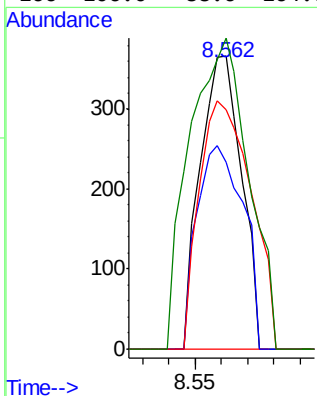
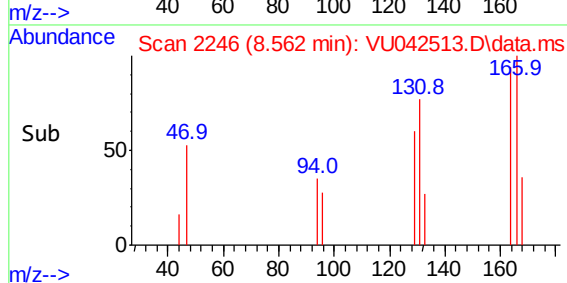


#47
Tetrachloroethene
Concen: 0.07 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. -0.000 min
Lab File: VU042513.D
Acq: 05 Mar 2021 19:29

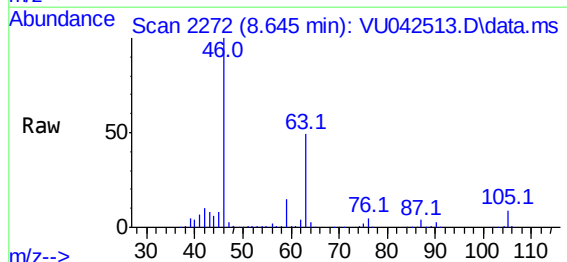
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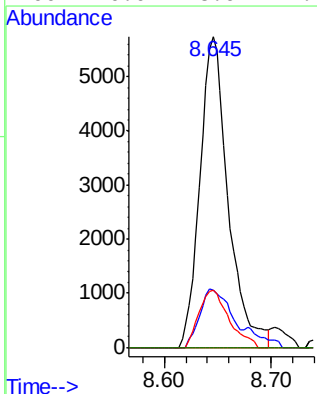
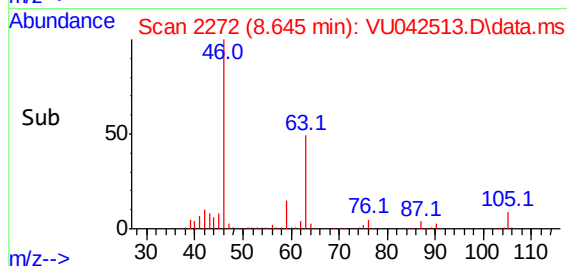
Tgt Ion:164 Resp: 400
Ion Ratio Lower Upper
164 100
129 63.5 64.3 119.5#
131 81.7 62.2 115.6
166 106.0 88.6 164.6

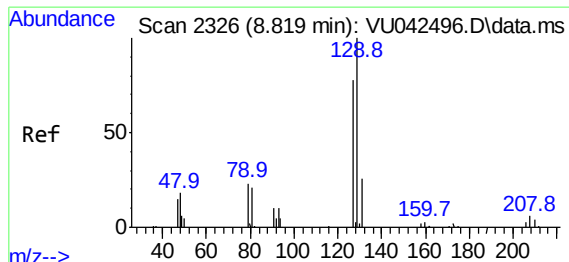


#48
2-Hexanone
Concen: 2.39 ug/L
RT: 8.645 min Scan# 2272
Delta R.T. -0.049 min
Lab File: VU042513.D
Acq: 05 Mar 2021 19:29



Tgt Ion: 43 Resp: 10438
Ion Ratio Lower Upper
43 100
58 20.5 40.6 61.0#
57 19.6 14.9 22.3
100 0.0 8.6 12.8#





#49

Dibromochloromethane

Concen: 0.05 ug/L

RT: 8.559 min Scan# 2245

Delta R.T. -0.260 min

Lab File: VU042513.D

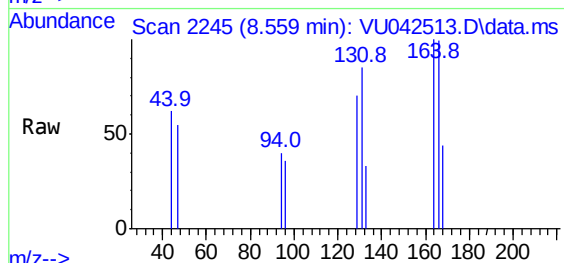
Acq: 05 Mar 2021 19:29

Instrument :

MSVOA_U

ClientSampleId :

C03W1



Tgt Ion:129 Resp: 309

Ion Ratio Lower Upper

129 100

127 0.0 52.3 97.1#

