

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031321\
 Data File : VU042614.D
 Acq On : 12 Mar 2021 16:39
 Operator : SY/MD
 Sample : M1674-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0BE3

Quant Time: Mar 13 05:30:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR030221WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Mar 13 05:26:34 2021
 Response via : Initial Calibration

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

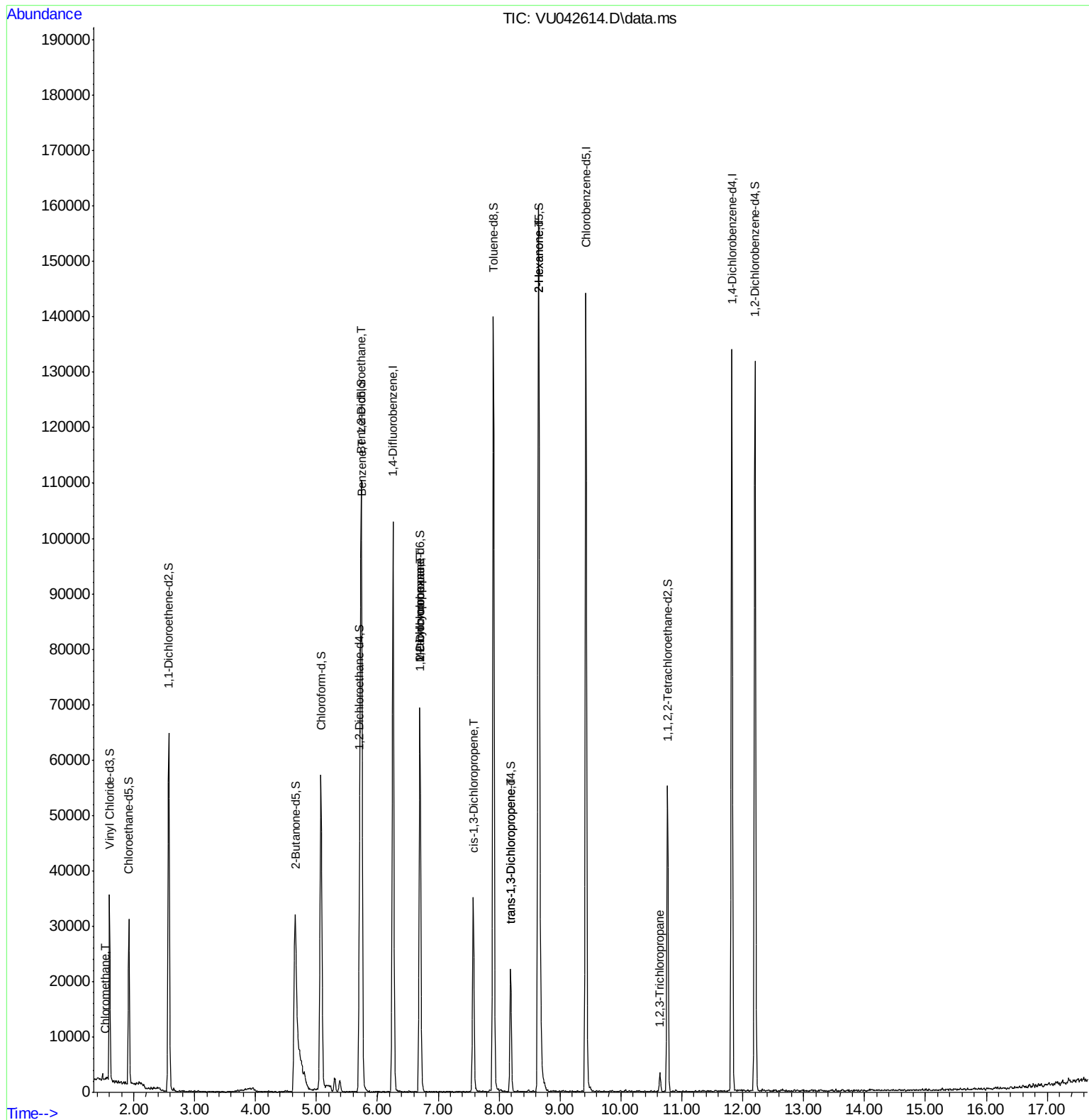
Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	77985	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	74503	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.822	152	34134	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	23022	4.43	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.60%
7) Chloroethane-d5	1.919	69	20046	5.09	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.80%
11) 1,1-Dichloroethene-d2	2.575	63	39918	3.40	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.00%
20) 2-Butanone-d5	4.652	46	89755	52.58	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.16%
24) Chloroform-d	5.073	84	48594	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.60%
26) 1,2-Dichloroethane-d4	5.710	65	33749	5.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.80%
32) Benzene-d6	5.739	84	91828	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.60%
36) 1,2-Dichloropropane-d6	6.700	67	30002	5.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.80%
41) Toluene-d8	7.906	98	85922	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.40%
43) trans-1,3-Dichloroprop...	8.189	79	11814	4.29	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.80%
46) 2-Hexanone-d5	8.645	63	60532	45.92	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.84%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	24972	4.76	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.20%
64) 1,2-Dichlorobenzene-d4	12.201	152	32851	5.31	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.20%
Target Compounds						
3) Chloromethane	1.523	50	413	0.06	ug/L	97
27) 1,2-Dichloroethane	5.735	62	634	0.07	ug/L #	75
33) Benzene	5.742	78	754	0.03	ug/L	100
35) Methylcyclohexane	6.700	83	7261	0.74	ug/L #	14
37) 1,2-Dichloropropane	6.703	63	3539	0.56	ug/L #	87
39) cis-1,3-Dichloropropene	7.574	75	925	0.10	ug/L #	81
44) trans-1,3-Dichloropropene	8.189	75	496	0.06	ug/L #	4
48) 2-Hexanone	8.648	43	9291	2.30	ug/L #	71
59) 1,2,3-Trichloropropane	10.639	75	729	0.15	ug/L #	42

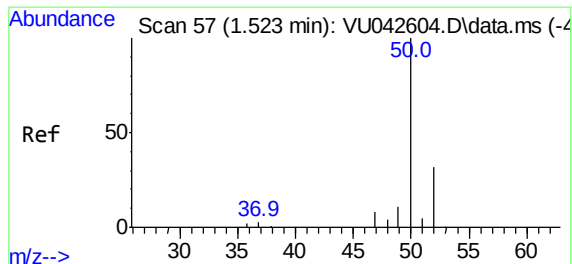
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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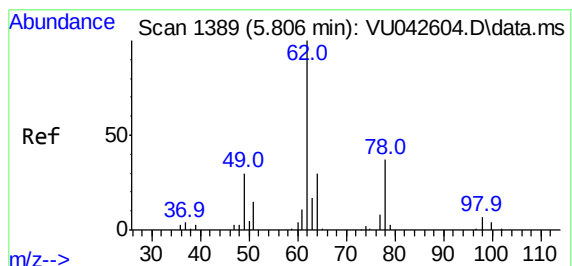
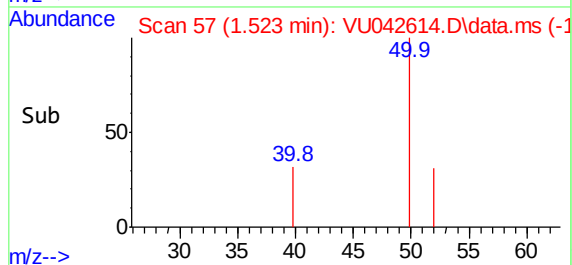
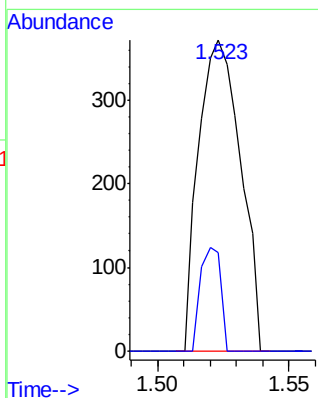
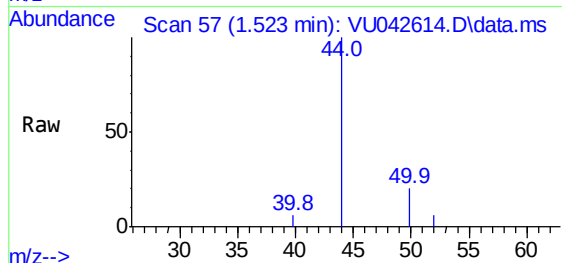




#3
Chloromethane
Concen: 0.06 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU042614.D
Acq: 12 Mar 2021 16:39

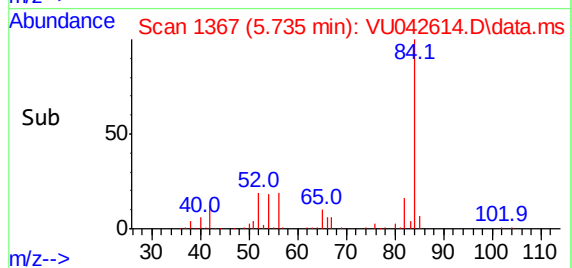
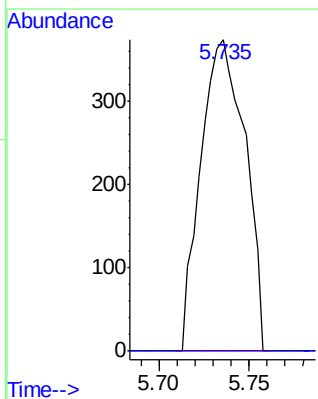
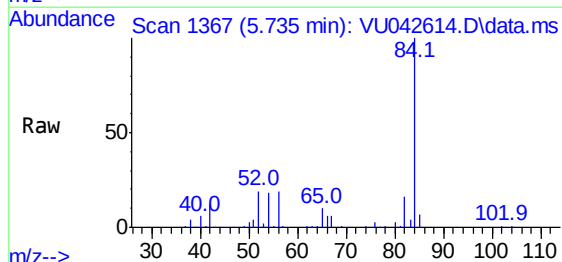
Instrument :
MSVOA_U
ClientSampleId :
C0BE3

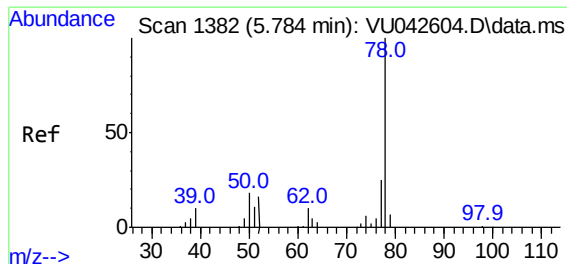
Tgt Ion: 50 Resp: 413
Ion Ratio Lower Upper
50 100
52 31.5 23.0 42.8



#27
1,2-Dichloroethane
Concen: 0.07 ug/L
RT: 5.735 min Scan# 1367
Delta R.T. -0.071 min
Lab File: VU042614.D
Acq: 12 Mar 2021 16:39

Tgt Ion: 62 Resp: 634
Ion Ratio Lower Upper
62 100
98 0.0 7.3 10.9#

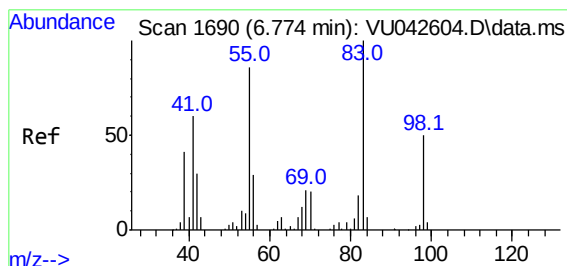
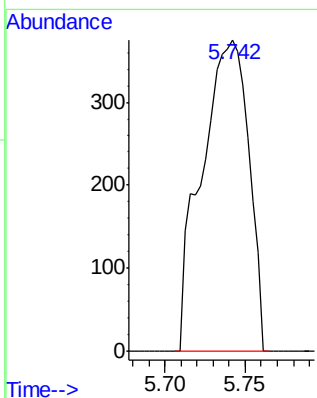
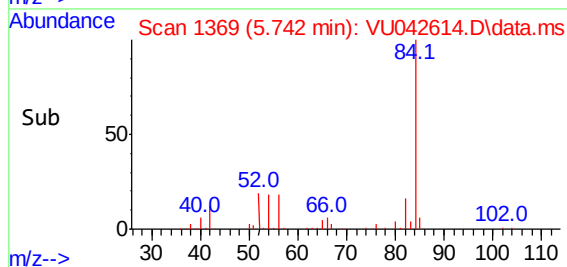
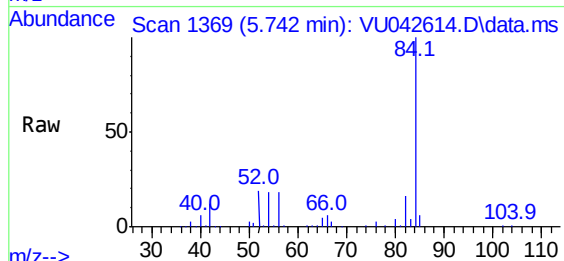




#33
Benzene
Concen: 0.03 ug/L
RT: 5.742 min Scan# 1369
Delta R.T. -0.042 min
Lab File: VU042614.D
Acq: 12 Mar 2021 16:39

Instrument :
MSVOA_U
ClientSampleId :
C0BE3

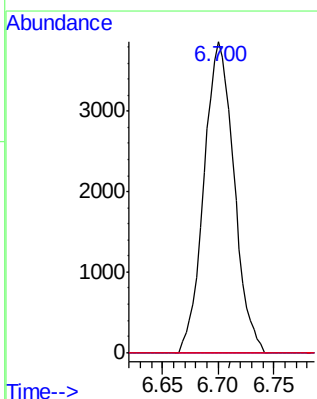
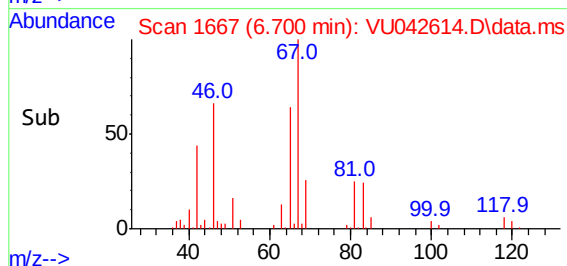
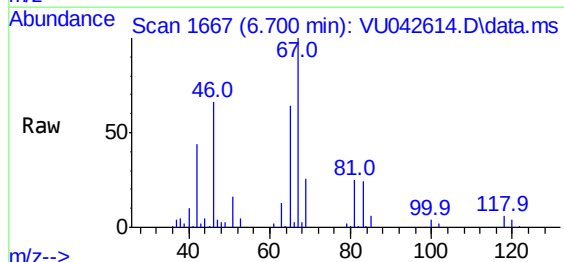
Tgt Ion: 78 Resp: 754

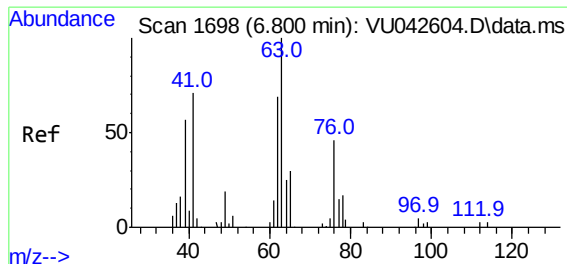


#35
Methylcyclohexane
Concen: 0.74 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.074 min
Lab File: VU042614.D
Acq: 12 Mar 2021 16:39

Tgt Ion: 83 Resp: 7261

Ion	Ratio	Lower	Upper
83	100		
55	0.0	68.2	102.4#
98	0.0	39.7	59.5#

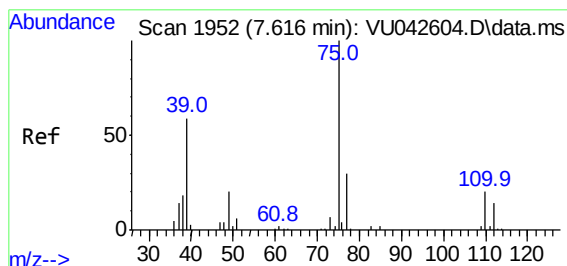
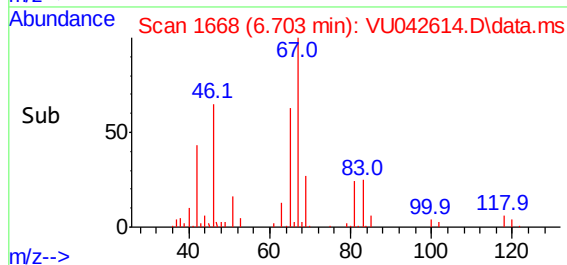
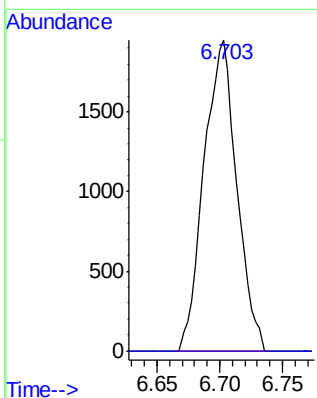
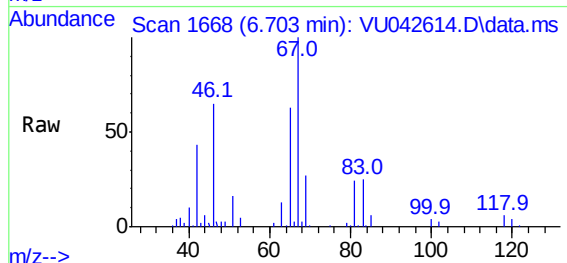




#37
1,2-Dichloropropane
Concen: 0.56 ug/L
RT: 6.703 min Scan# 1668
Delta R.T. -0.097 min
Lab File: VU042614.D
Acq: 12 Mar 2021 16:39

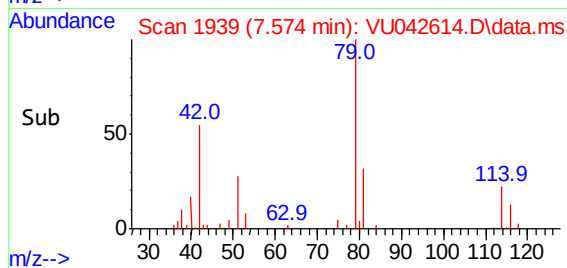
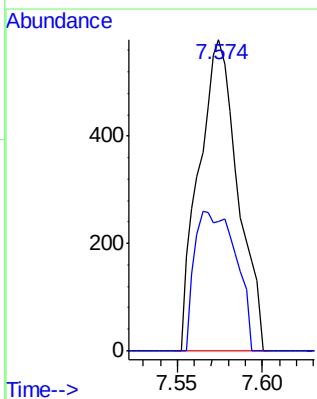
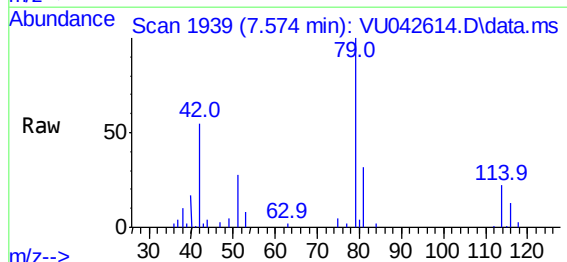
Instrument :
MSVOA_U
ClientSampleId :
C0BE3

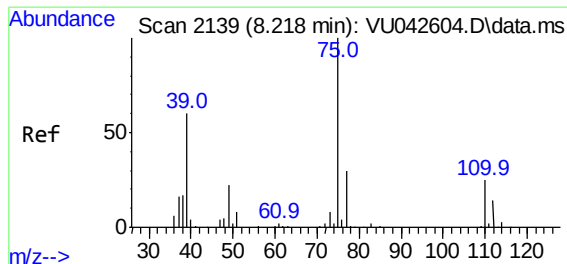
Tgt Ion: 63 Resp: 3539
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



#39
cis-1,3-Dichloropropene
Concen: 0.10 ug/L
RT: 7.574 min Scan# 1939
Delta R.T. -0.042 min
Lab File: VU042614.D
Acq: 12 Mar 2021 16:39

Tgt Ion: 75 Resp: 925
Ion Ratio Lower Upper
75 100
77 41.7 22.0 40.8#

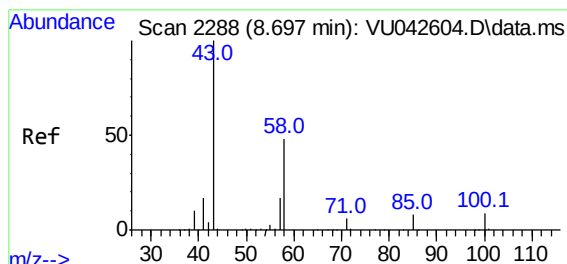
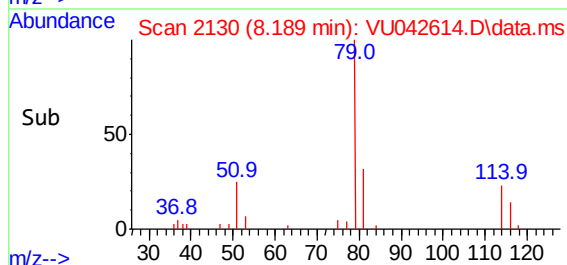
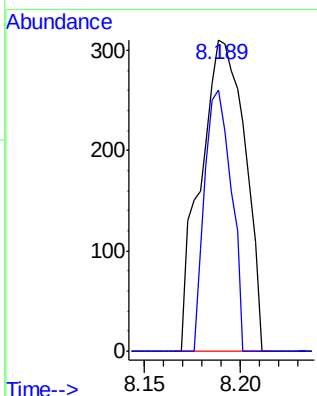
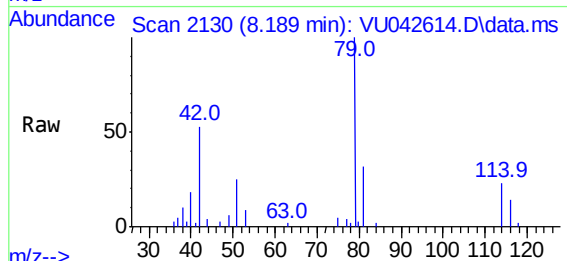




#44
trans-1,3-Dichloropropene
Concen: 0.06 ug/L
RT: 8.189 min Scan# 2130
Delta R.T. -0.029 min
Lab File: VU042614.D
Acq: 12 Mar 2021 16:39

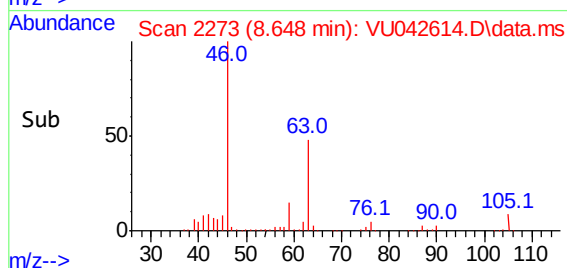
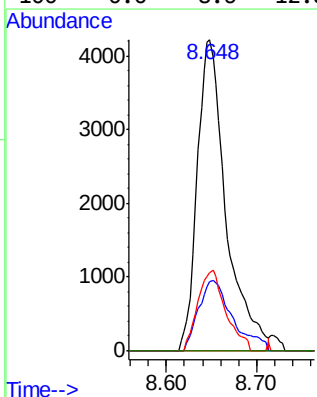
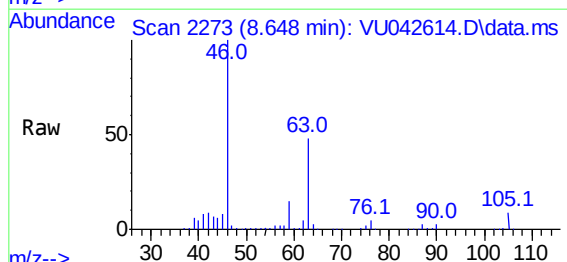
Instrument :
MSVOA_U
ClientSampled :
C0BE3

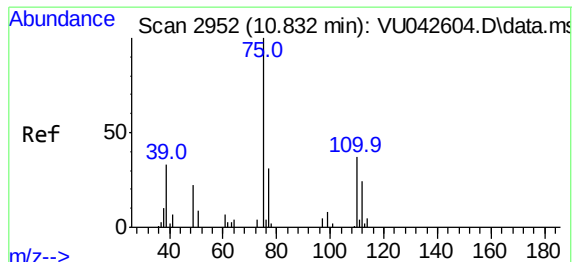
Tgt Ion: 75 Resp: 496
Ion Ratio Lower Upper
75 100
77 83.9 21.8 40.4#



#48
2-Hexanone
Concen: 2.30 ug/L
RT: 8.648 min Scan# 2273
Delta R.T. -0.048 min
Lab File: VU042614.D
Acq: 12 Mar 2021 16:39

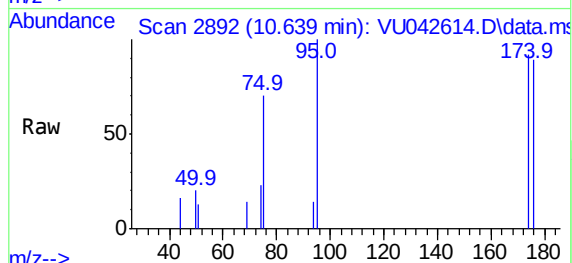
Tgt Ion: 43 Resp: 9291
Ion Ratio Lower Upper
43 100
58 26.5 40.6 61.0#
57 25.0 14.9 22.3#
100 0.0 8.6 12.8#





#59
 1,2,3-Trichloropropane
 Concen: 0.15 ug/L
 RT: 10.639 min Scan# 2892
 Delta R.T. -0.193 min
 Lab File: VU042614.D
 Acq: 12 Mar 2021 16:39

Instrument :
 MSVOA_U
 ClientSampleId :
 C0BE3



Tgt Ion: 75 Resp: 729
 Ion Ratio Lower Upper
 75 100
 77 0.0 26.0 39.0#

