

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031221\
 Data File : VU042573.D
 Acq On : 11 Mar 2021 19:06
 Operator : SY/MD
 Sample : M1631-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0B51

Quant Time: Mar 12 01:34:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR030221WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Mar 12 01:30:46 2021
 Response via : Initial Calibration

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

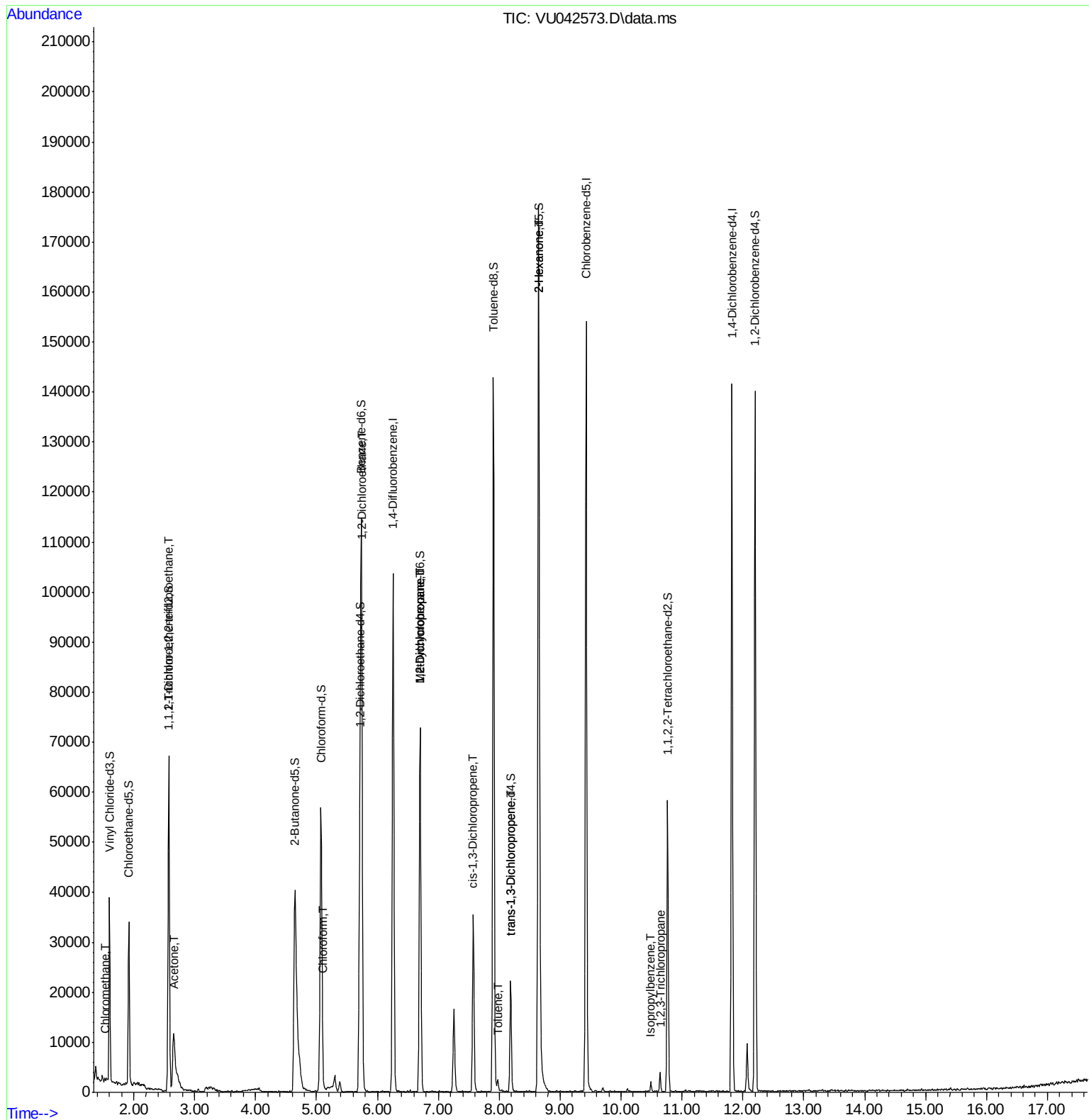
Internal Standards						
1) 1,4-Difluorobenzene	6.260	114	79052	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	80056	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.819	152	36702	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	25264	4.79	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.80%
7) Chloroethane-d5	1.919	69	21261	5.33	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.60%
11) 1,1-Dichloroethene-d2	2.575	63	41364	3.48	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.60%
20) 2-Butanone-d5	4.645	46	91248	52.73	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.46%
24) Chloroform-d	5.073	84	50417	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.80%
26) 1,2-Dichloroethane-d4	5.713	65	34528	5.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.80%
32) Benzene-d6	5.735	84	94713	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
36) 1,2-Dichloropropane-d6	6.700	67	30603	4.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.60%
41) Toluene-d8	7.906	98	89784	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.60%
43) trans-1,3-Dichloroprop...	8.189	79	11831	4.00	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.00%
46) 2-Hexanone-d5	8.645	63	63306	44.69	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.38%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	26312	4.66	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.20%
64) 1,2-Dichlorobenzene-d4	12.201	152	35294	5.30	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.00%
Target Compounds						
3) Chloromethane	1.523	50	347	0.05	ug/L	86
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	285	0.05	ug/L #	18
13) Acetone	2.655	43	27269	20.45	ug/L	86
25) Chloroform	5.099	83	640	0.05	ug/L	78
27) 1,2-Dichloroethane	5.742	62	483	0.05	ug/L #	75
35) Methylcyclohexane	6.700	83	7200	0.68	ug/L #	14
37) 1,2-Dichloropropane	6.700	63	3847	0.57	ug/L #	87
39) cis-1,3-Dichloropropene	7.568	75	904	0.09	ug/L	95
42) Toluene	7.976	91	1716	0.06	ug/L	84
44) trans-1,3-Dichloropropene	8.189	75	490	0.05	ug/L #	64
48) 2-Hexanone	8.645	43	9859	2.27	ug/L #	75
56) Isopropylbenzene	10.491	105	1426	0.05	ug/L #	91
59) 1,2,3-Trichloropropane	10.642	75	735	0.14	ug/L	95

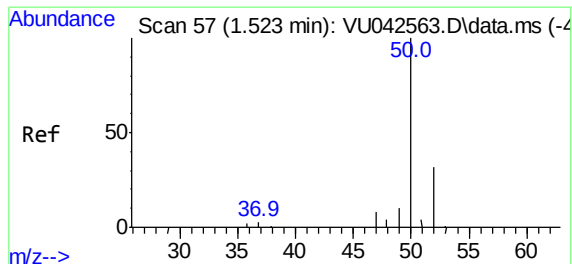
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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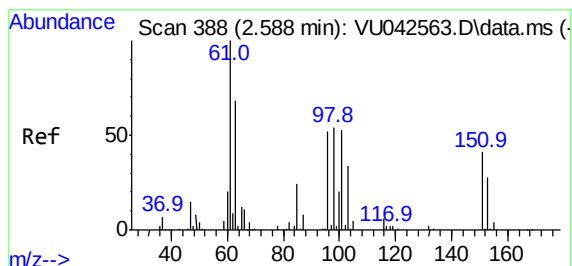
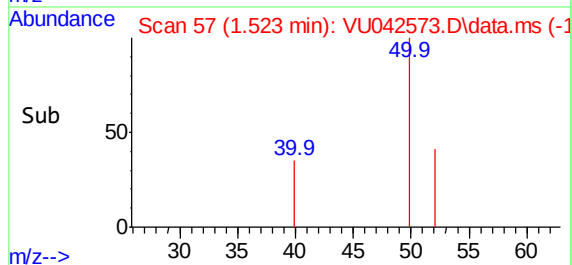
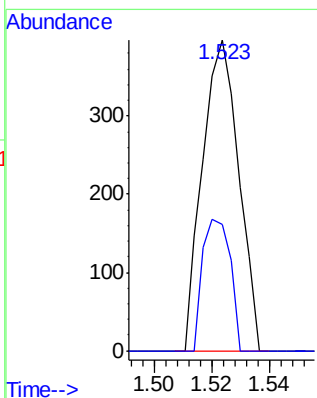
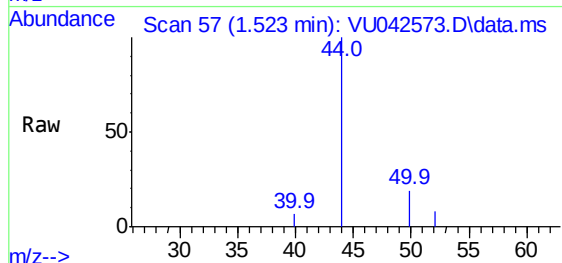




#3
Chloromethane
Concen: 0.05 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU042573.D
Acq: 11 Mar 2021 19:06

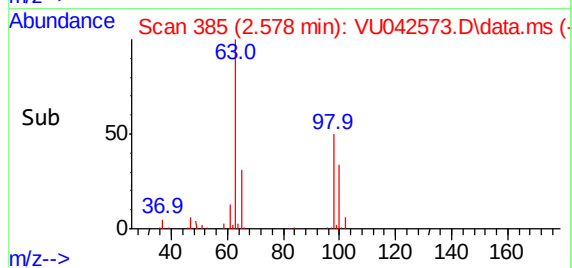
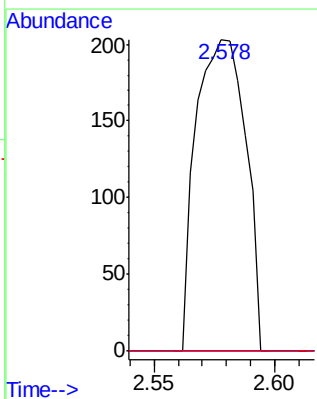
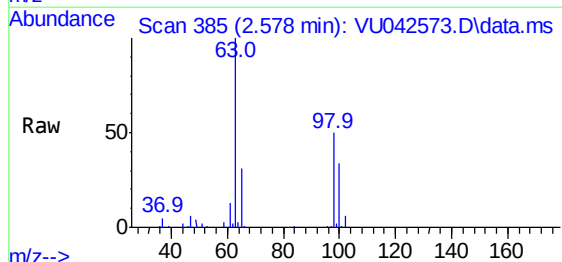
Instrument :
MSVOA_U
ClientSampleId :
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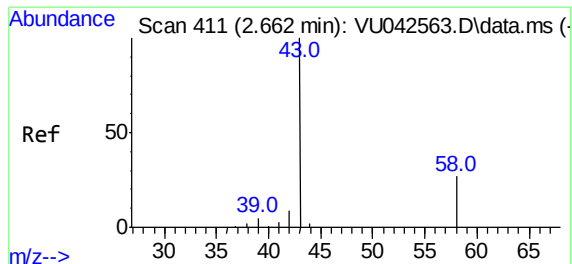
Tgt Ion: 50 Resp: 347
Ion Ratio Lower Upper
50 100
52 40.6 23.0 42.8



#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: VU042573.D
Acq: 11 Mar 2021 19:06

Tgt Ion:101 Resp: 285
Ion Ratio Lower Upper
101 100
85 0.0 34.6 51.8#
151 0.0 62.7 94.1#

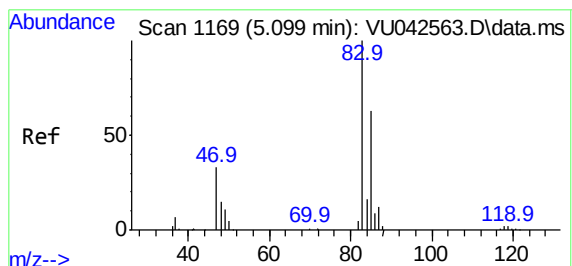
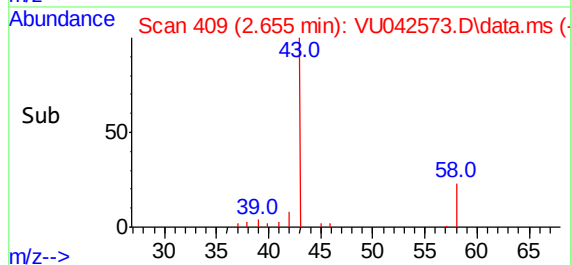
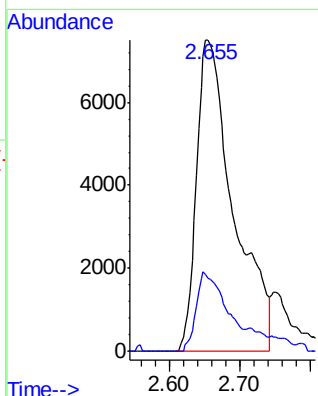
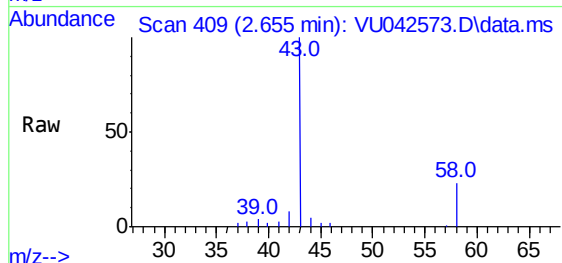




#13
Acetone
Concen: 20.45 ug/L
RT: 2.655 min Scan# 409
Delta R.T. -0.006 min
Lab File: VU042573.D
Acq: 11 Mar 2021 19:06

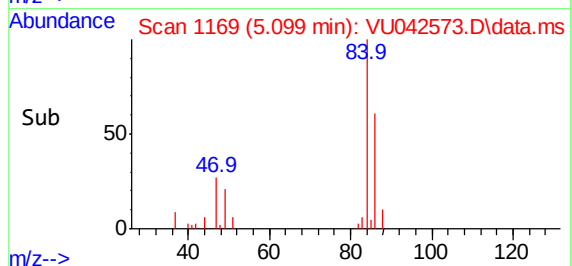
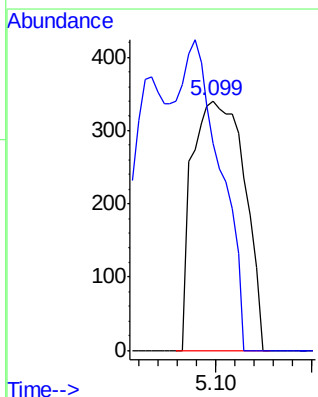
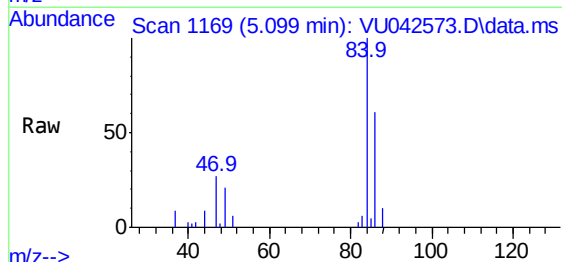
Instrument :
MSVOA_U
ClientSampleId :
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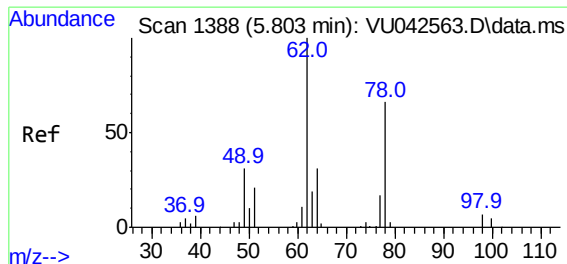
Tgt Ion: 43 Resp: 27269
Ion Ratio Lower Upper
43 100
58 20.4 0.0 55.8



#25
Chloroform
Concen: 0.05 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. -0.000 min
Lab File: VU042573.D
Acq: 11 Mar 2021 19:06

Tgt Ion: 83 Resp: 640
Ion Ratio Lower Upper
83 100
85 82.7 45.7 84.9

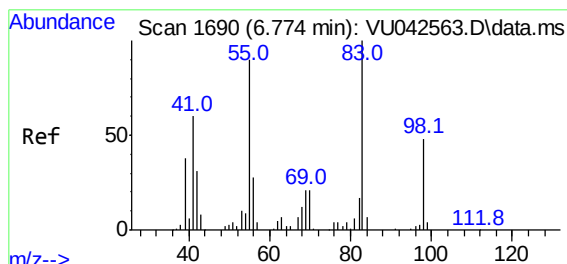
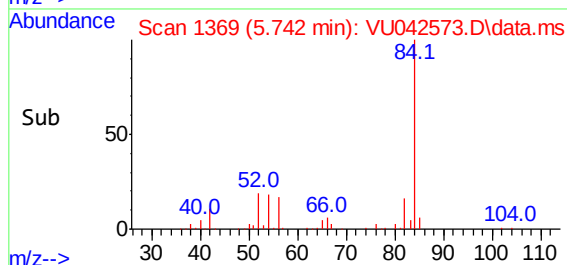
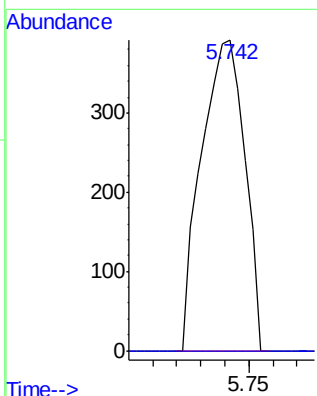
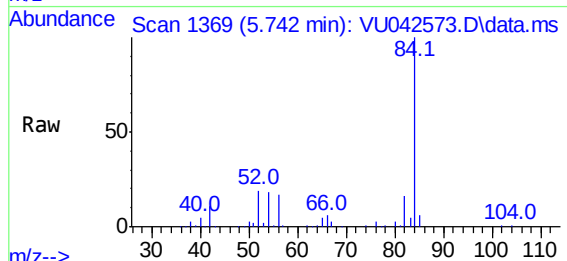




#27
1,2-Dichloroethane
Concen: 0.05 ug/L
RT: 5.742 min Scan# 1369
Delta R.T. -0.061 min
Lab File: VU042573.D
Acq: 11 Mar 2021 19:06

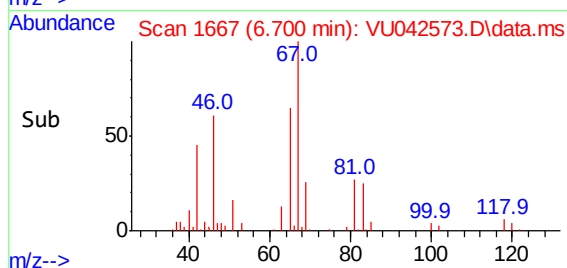
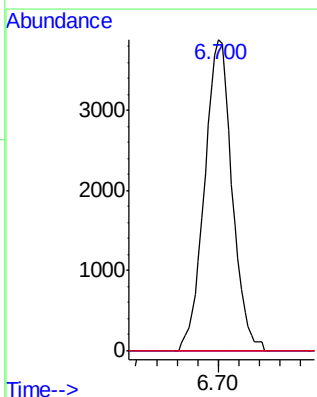
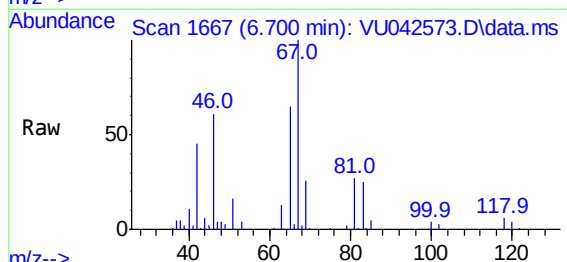
Instrument :
MSVOA_U
ClientSampleId :
C0B51

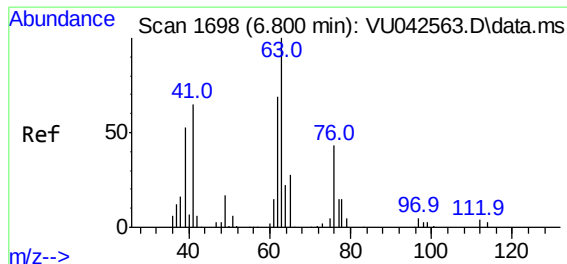
Tgt Ion: 62 Resp: 483
Ion Ratio Lower Upper
62 100
98 0.0 7.3 10.9#



#35
Methylcyclohexane
Concen: 0.68 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.074 min
Lab File: VU042573.D
Acq: 11 Mar 2021 19:06

Tgt Ion: 83 Resp: 7200
Ion Ratio Lower Upper
83 100
55 0.0 68.2 102.4#
98 0.0 39.7 59.5#

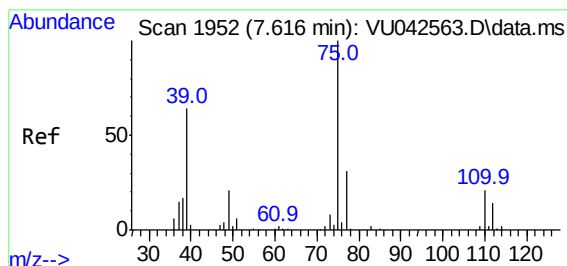
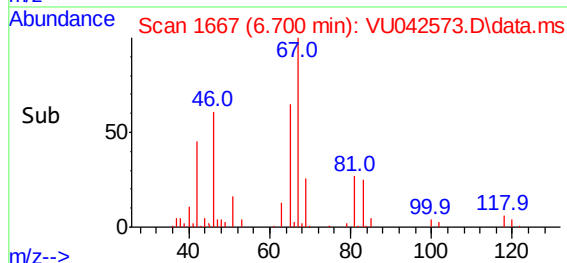
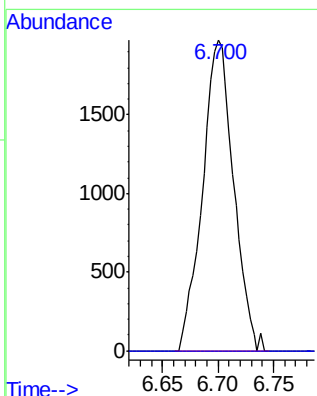
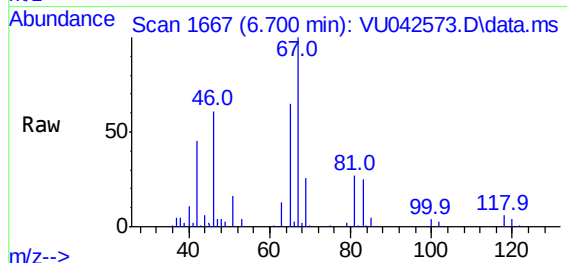




#37
1,2-Dichloropropane
Concen: 0.57 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU042573.D
Acq: 11 Mar 2021 19:06

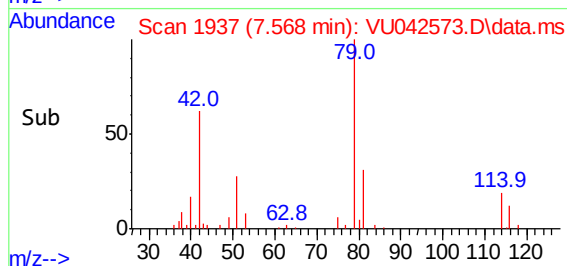
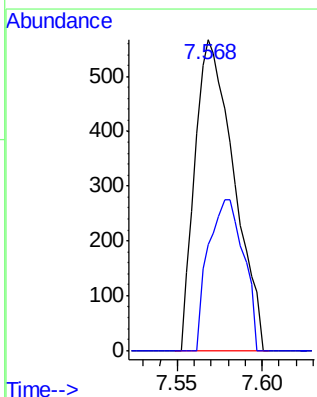
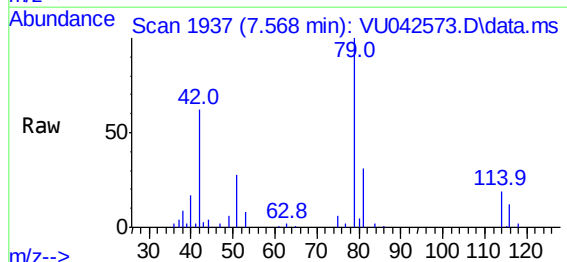
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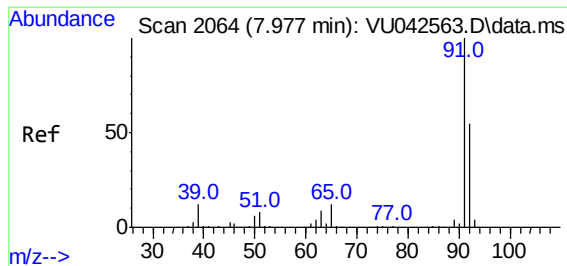
Tgt Ion: 63 Resp: 3847
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



#39
cis-1,3-Dichloropropene
Concen: 0.09 ug/L
RT: 7.568 min Scan# 1937
Delta R.T. -0.048 min
Lab File: VU042573.D
Acq: 11 Mar 2021 19:06

Tgt Ion: 75 Resp: 904
Ion Ratio Lower Upper
75 100
77 34.2 22.0 40.8

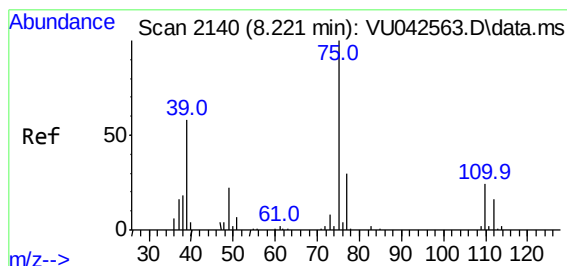
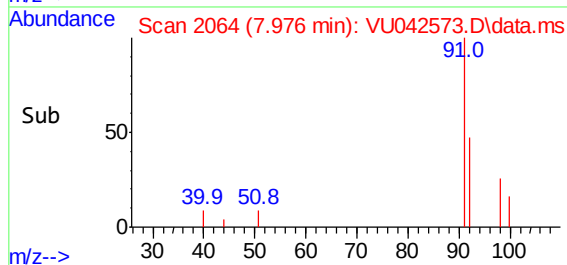
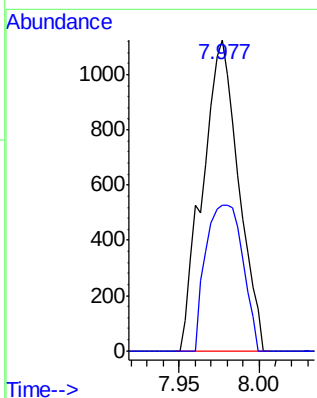
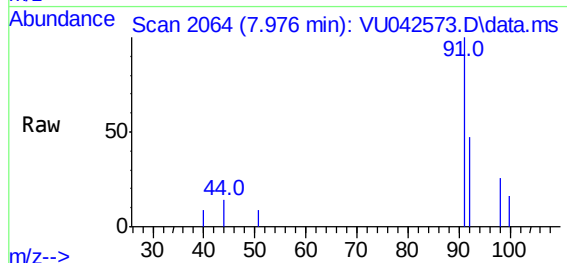




#42
Toluene
Concen: 0.06 ug/L
RT: 7.976 min Scan# 2064
Delta R.T. -0.000 min
Lab File: VU042573.D
Acq: 11 Mar 2021 19:06

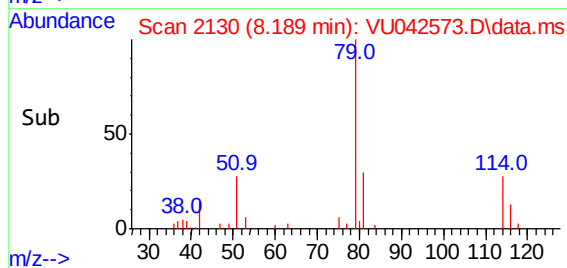
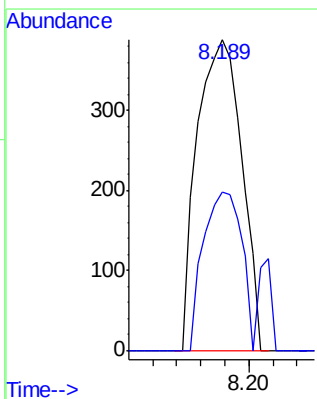
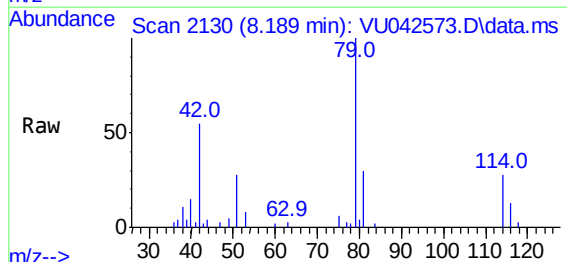
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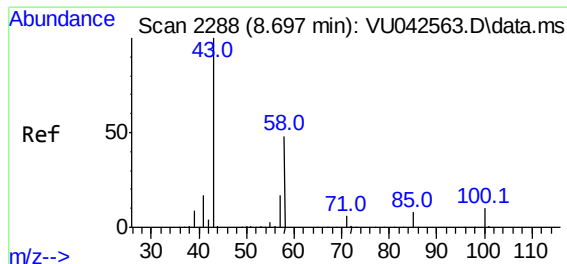
Tgt Ion: 91 Resp: 1716
Ion Ratio Lower Upper
91 100
92 46.8 41.2 76.6



#44
trans-1,3-Dichloropropene
Concen: 0.05 ug/L
RT: 8.189 min Scan# 2130
Delta R.T. -0.032 min
Lab File: VU042573.D
Acq: 11 Mar 2021 19:06

Tgt Ion: 75 Resp: 490
Ion Ratio Lower Upper
75 100
77 50.8 21.8 40.4



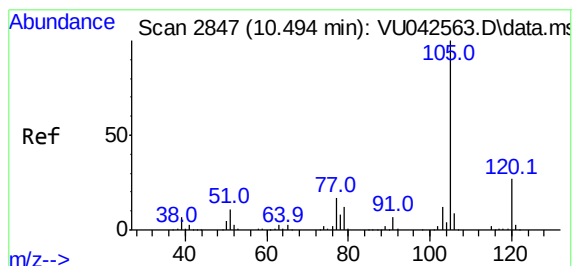
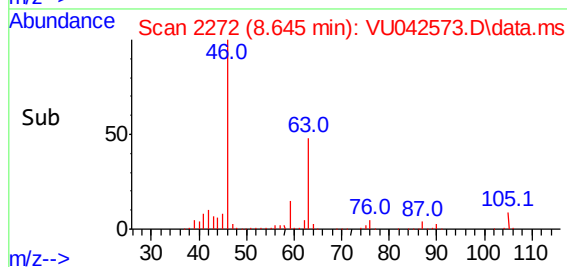
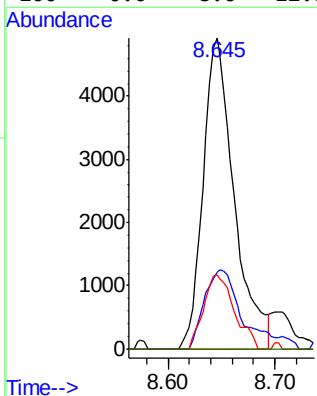
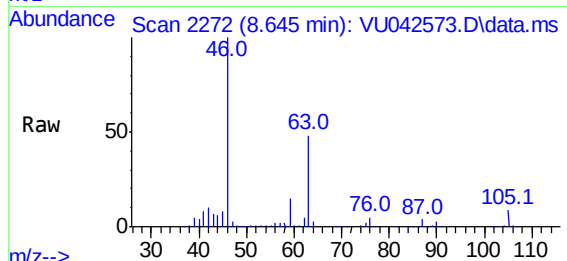


#48
2-Hexanone
Concen: 2.27 ug/L
RT: 8.645 min Scan# 2272
Delta R.T. -0.051 min
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Tgt Ion: 43 Resp: 9859

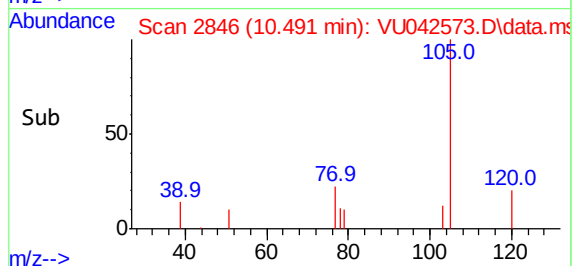
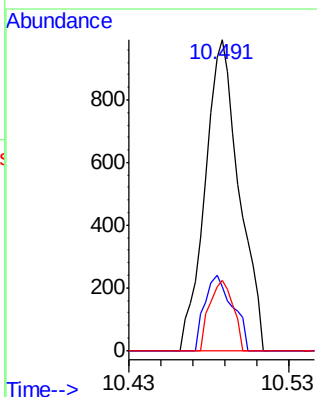
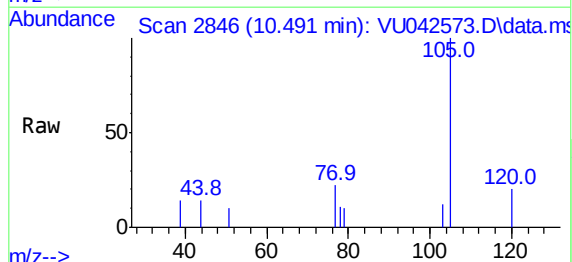
Ion	Ratio	Lower	Upper
43	100		
58	30.4	40.6	61.0#
57	23.5	14.9	22.3#
100	0.0	8.6	12.8#

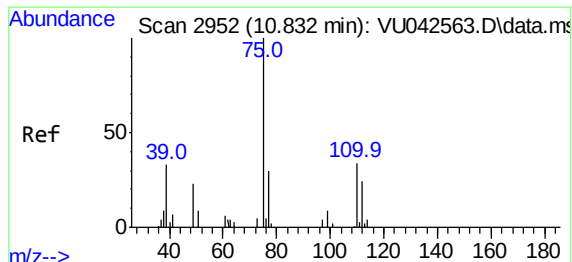


#56
Isopropylbenzene
Concen: 0.05 ug/L
RT: 10.491 min Scan# 2846
Delta R.T. -0.003 min
Lab File: VU042573.D
Acq: 11 Mar 2021 19:06

Tgt Ion: 105 Resp: 1426

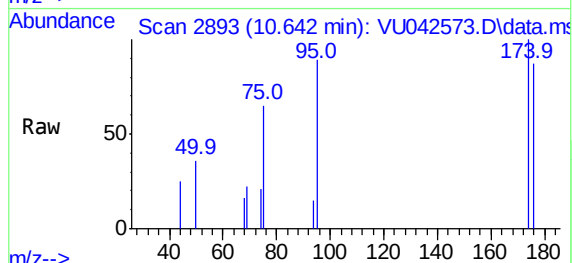
Ion	Ratio	Lower	Upper
105	100		
120	19.7	20.8	31.2#
77	15.4	13.4	20.0





#59
 1,2,3-Trichloropropane
 Concen: 0.14 ug/L
 RT: 10.642 min Scan# 2893
 Delta R.T. -0.190 min
 Lab File: VU042573.D
 Acq: 11 Mar 2021 19:06

Instrument :
 MSVOA_U
 ClientSampleId :
 C0B51



Tgt Ion: 75 Resp: 735
 Ion Ratio Lower Upper
 75 100
 77 29.9 26.0 39.0

