

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020921\
 Data File : VU042296.D
 Acq On : 09 Feb 2021 14:52
 Operator : SY/MD
 Sample : M1351-04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AR8

Quant Time: Feb 10 02:30:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR012021WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Feb 10 02:29:25 2021
 Response via : Initial Calibration

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

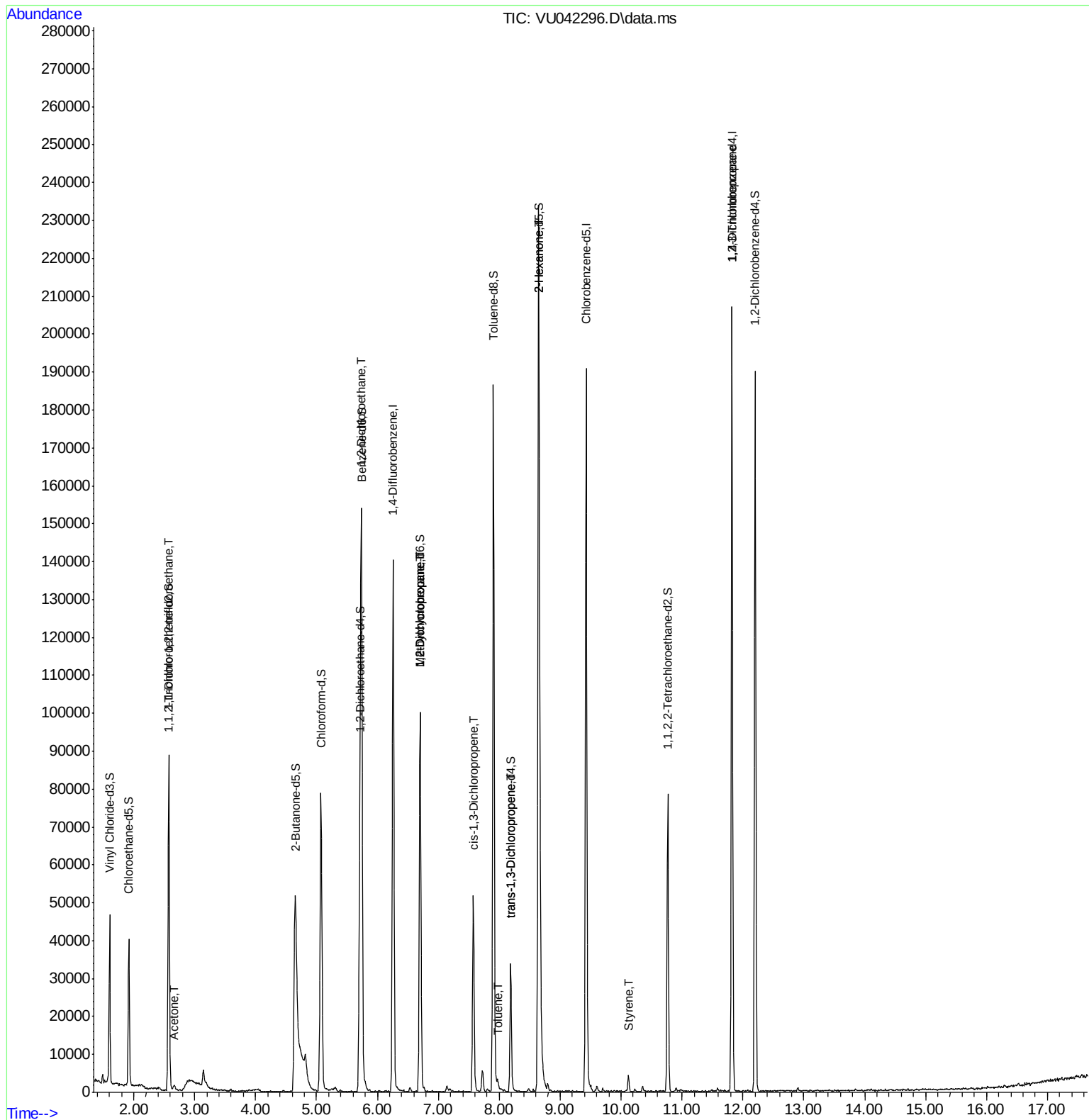
Internal Standards						
1) 1,4-Difluorobenzene	6.260	114	109155	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	101502	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.822	152	53559	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	29939	4.25	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.00%
7) Chloroethane-d5	1.919	69	26383	4.65	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.00%
11) 1,1-Dichloroethene-d2	2.575	63	55379	3.57	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.40%
20) 2-Butanone-d5	4.652	46	115601	44.99	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.98%
24) Chloroform-d	5.073	84	70937	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.40%
26) 1,2-Dichloroethane-d4	5.713	65	45132	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.60%
32) Benzene-d6	5.739	84	131797	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.40%
36) 1,2-Dichloropropane-d6	6.700	67	44334	5.19	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.80%
41) Toluene-d8	7.906	98	119840	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.60%
43) trans-1,3-Dichloroprop...	8.189	79	18274	4.22	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.40%
46) 2-Hexanone-d5	8.645	63	97909	51.89	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.78%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	36291	4.95	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.00%
64) 1,2-Dichlorobenzene-d4	12.201	152	48032	4.99	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.80%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	416	0.05	ug/L #	18
13) Acetone	2.665	43	2621	1.53	ug/L	96
27) 1,2-Dichloroethane	5.732	62	907	0.09	ug/L #	75
35) Methylcyclohexane	6.700	83	10393	0.77	ug/L #	15
37) 1,2-Dichloropropane	6.700	63	5312	0.68	ug/L #	87
39) cis-1,3-Dichloropropene	7.575	75	1319	0.10	ug/L #	56
42) Toluene	7.977	91	1534	0.05	ug/L	95
44) trans-1,3-Dichloropropene	8.189	75	896	0.08	ug/L #	70
48) 2-Hexanone	8.649	43	16136	3.45	ug/L #	66
55) Styrene	10.121	104	2005	0.09	ug/L	96
59) 1,2,3-Trichloropropane	11.819	75	6665	1.20	ug/L	97

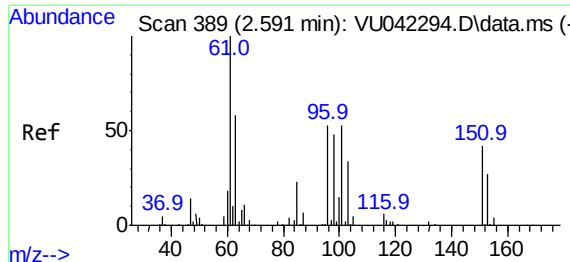
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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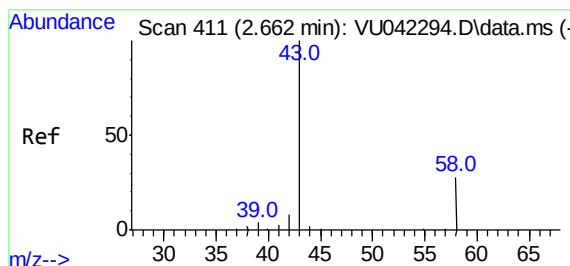
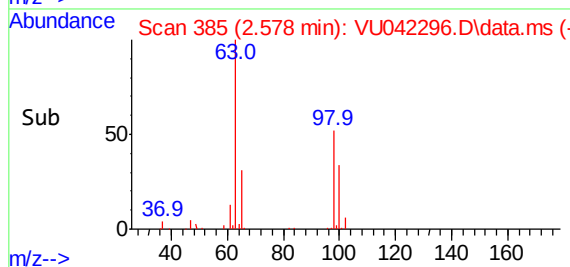
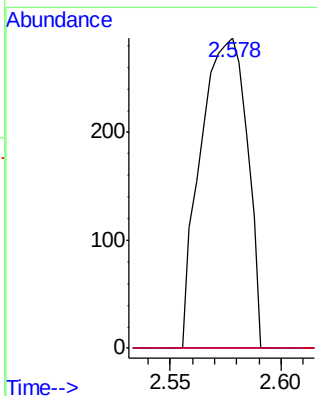
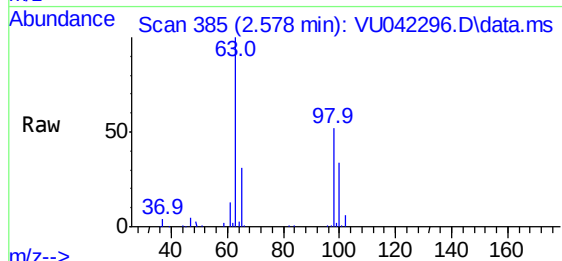




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.05 ug/L
RT: 2.578 min Scan# 385
Delta R.T. -0.013 min
Lab File: VU042296.D
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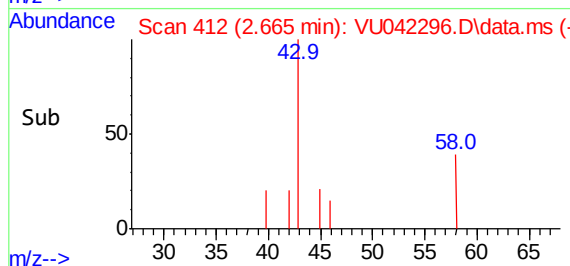
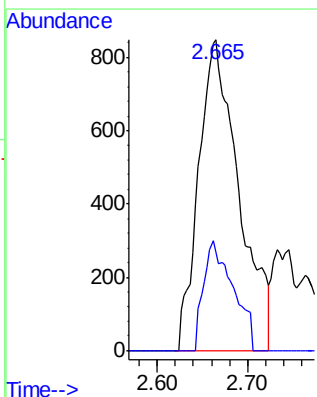
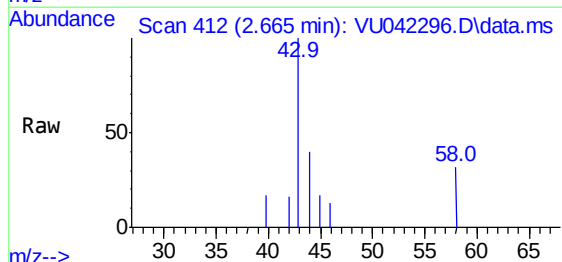
Instrument :
MSVOA_U
ClientSampleId :
C0AR8

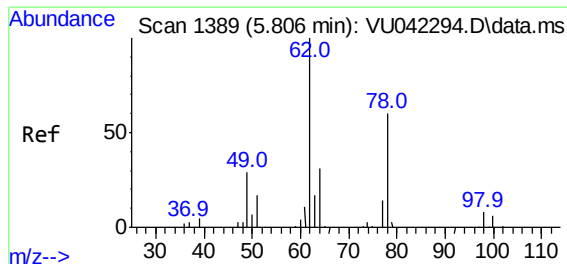
Tgt Ion:101 Resp: 416
Ion Ratio Lower Upper
101 100
85 0.0 34.6 51.8#
151 0.0 62.7 94.1#



#13
Acetone
Concen: 1.53 ug/L
RT: 2.665 min Scan# 412
Delta R.T. 0.003 min
Lab File: VU042296.D
Acq: 09 Feb 2021 14:52

Tgt Ion: 43 Resp: 2621
Ion Ratio Lower Upper
43 100
58 25.9 0.0 55.8

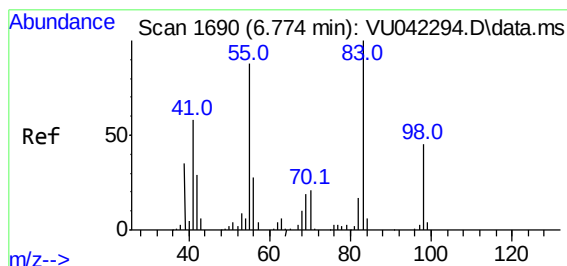
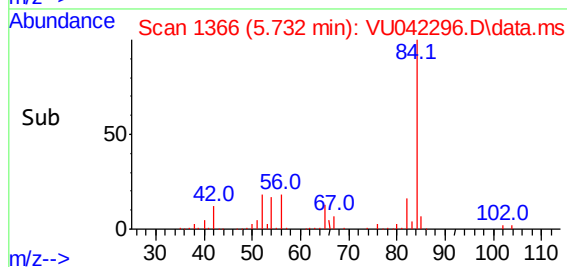
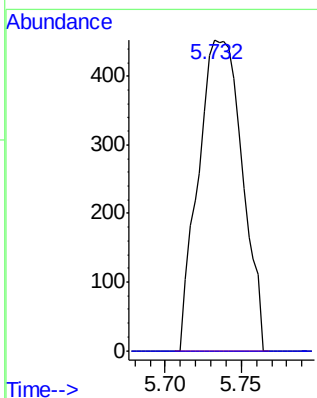
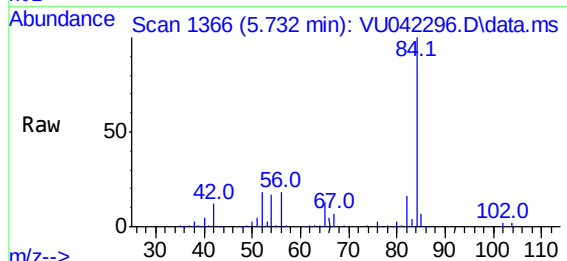




#27
1,2-Dichloroethane
Concen: 0.09 ug/L
RT: 5.732 min Scan# 1366
Delta R.T. -0.074 min
Lab File: VU042296.D
Acq: 09 Feb 2021 14:52

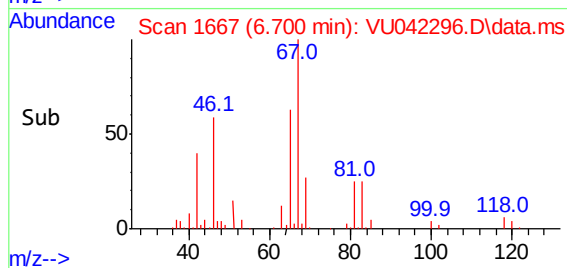
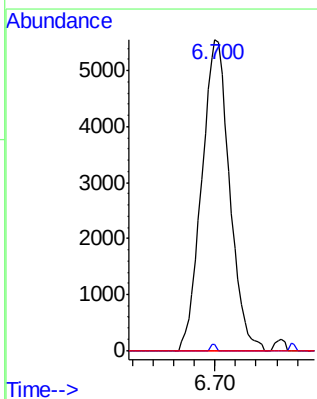
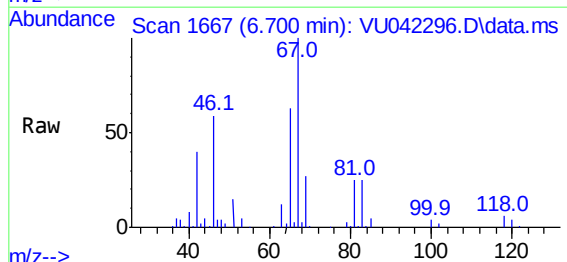
Instrument :
MSVOA_U
ClientSampleId :
C0AR8

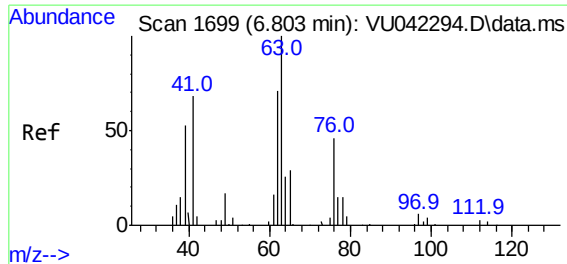
Tgt Ion: 62 Resp: 907
Ion Ratio Lower Upper
62 100
98 0.0 7.3 10.9#



#35
Methylcyclohexane
Concen: 0.77 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.074 min
Lab File: VU042296.D
Acq: 09 Feb 2021 14:52

Tgt Ion: 83 Resp: 10393
Ion Ratio Lower Upper
83 100
55 0.4 68.2 102.4#
98 0.5 39.7 59.5#

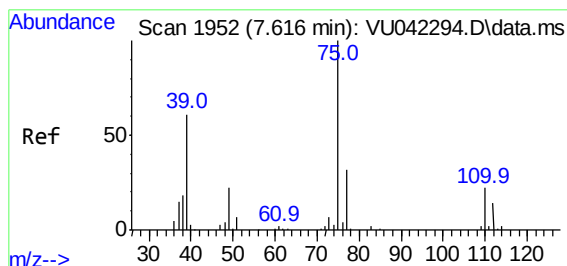
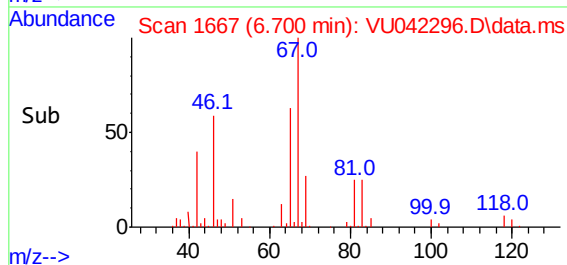
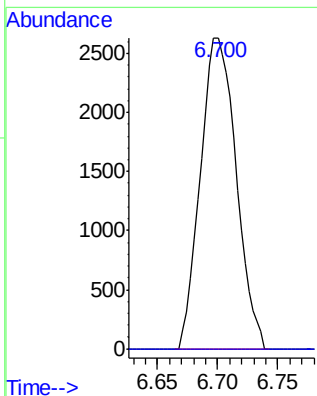
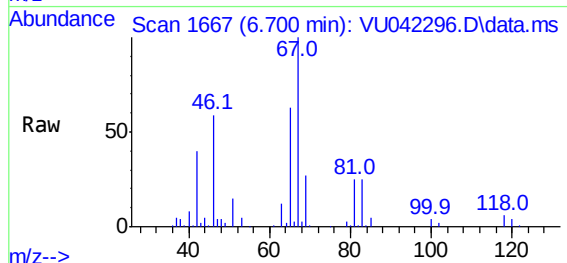




#37
1,2-Dichloropropane
Concen: 0.68 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.103 min
Lab File: VU042296.D
Acq: 09 Feb 2021 14:52

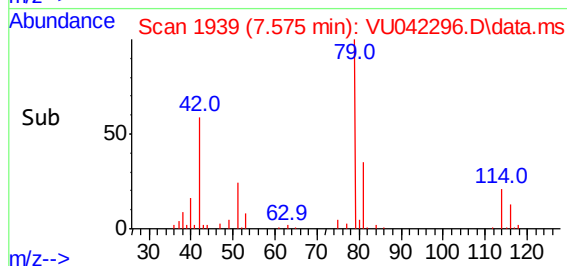
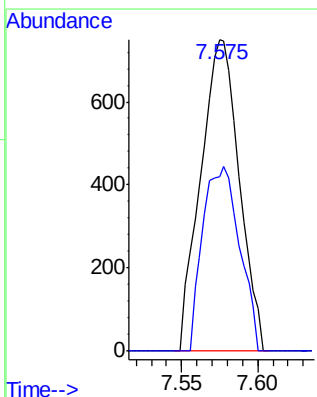
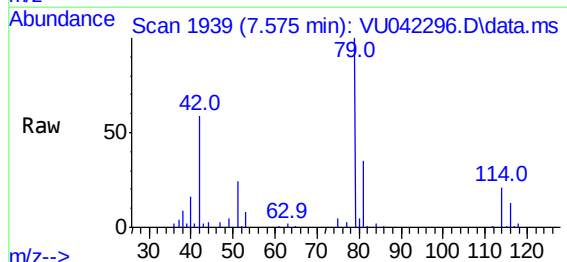
Instrument :
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ClientSampleId :
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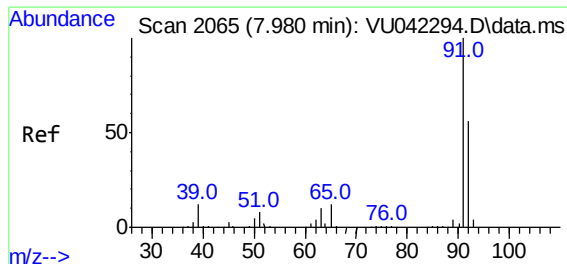
Tgt Ion: 63 Resp: 5312
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



#39
cis-1,3-Dichloropropene
Concen: 0.10 ug/L
RT: 7.575 min Scan# 1939
Delta R.T. -0.042 min
Lab File: VU042296.D
Acq: 09 Feb 2021 14:52

Tgt Ion: 75 Resp: 1319
Ion Ratio Lower Upper
75 100
77 56.0 22.0 40.8#

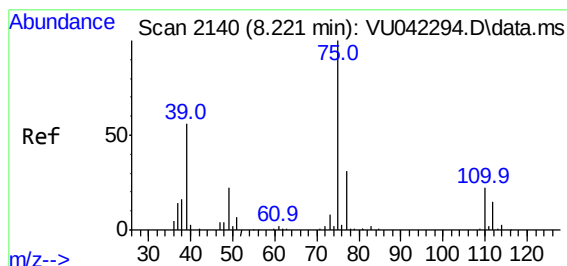
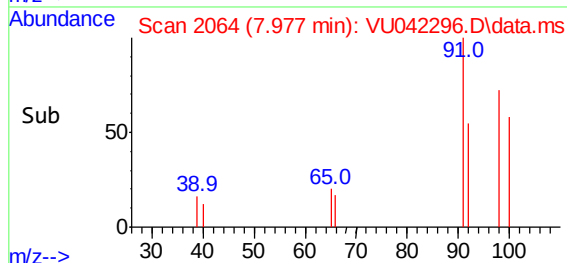
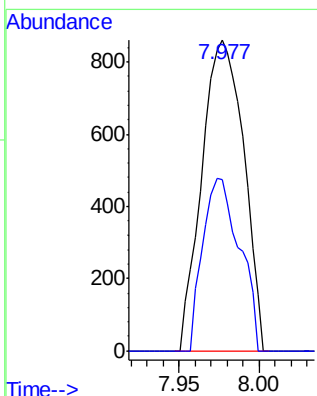
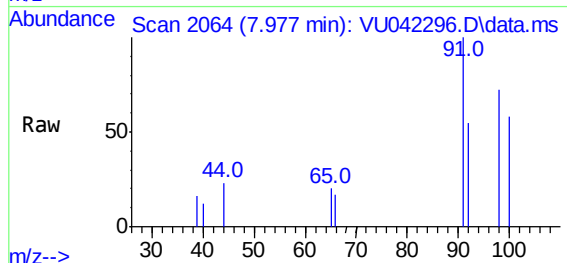




#42
Toluene
Concen: 0.05 ug/L
RT: 7.977 min Scan# 2064
Delta R.T. -0.003 min
Lab File: VU042296.D
Acq: 09 Feb 2021 14:52

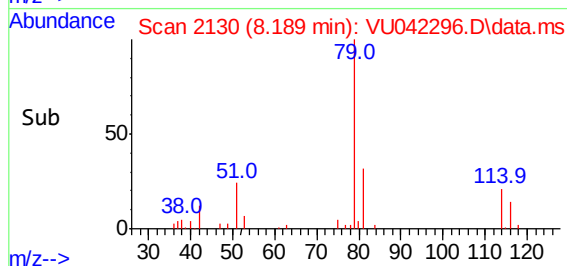
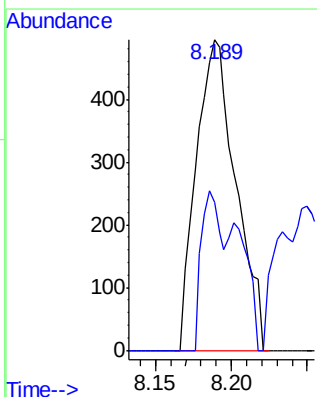
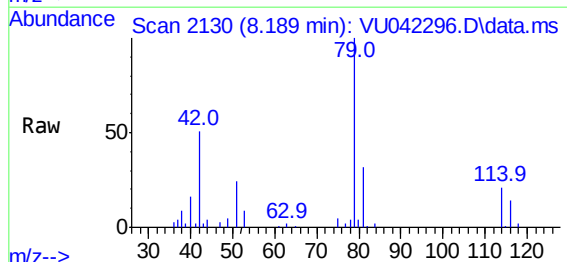
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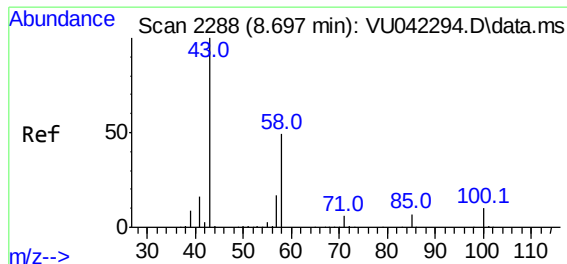
Tgt Ion: 91 Resp: 1534
Ion Ratio Lower Upper
91 100
92 55.1 41.2 76.6



#44
trans-1,3-Dichloropropene
Concen: 0.08 ug/L
RT: 8.189 min Scan# 2130
Delta R.T. -0.032 min
Lab File: VU042296.D
Acq: 09 Feb 2021 14:52

Tgt Ion: 75 Resp: 896
Ion Ratio Lower Upper
75 100
77 47.7 21.8 40.4

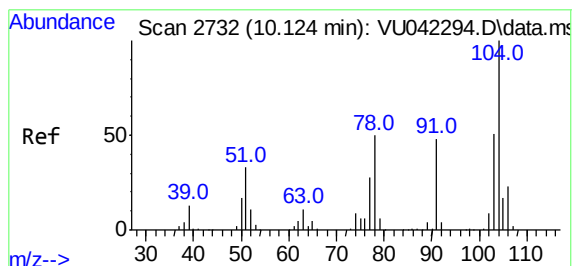
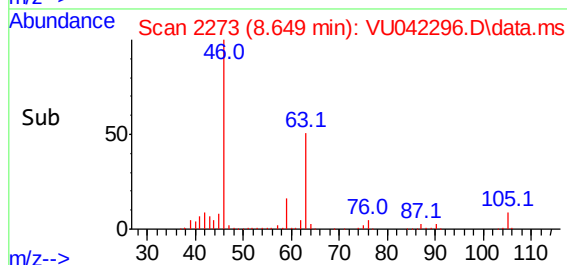
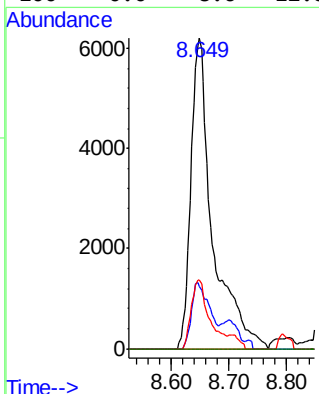
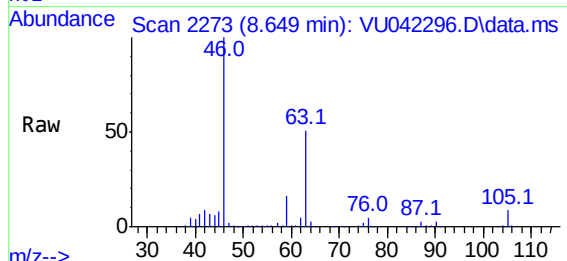




#48
2-Hexanone
Concen: 3.45 ug/L
RT: 8.649 min Scan# 2273
Delta R.T. -0.048 min
Lab File: VU042296.D
Acq: 09 Feb 2021 14:52

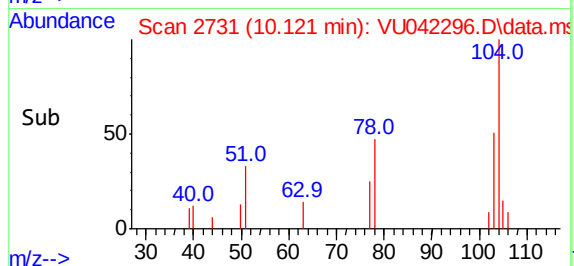
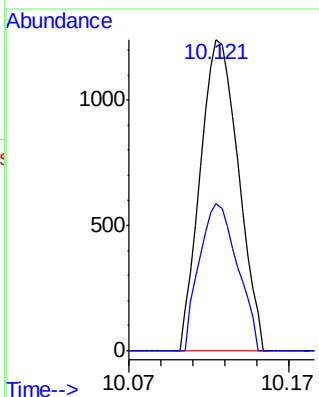
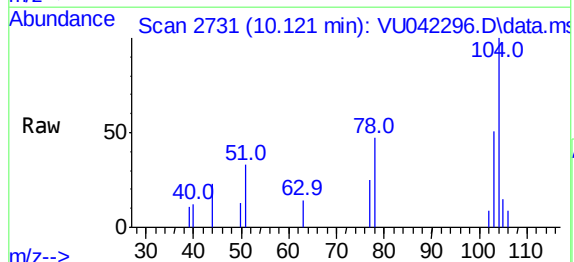
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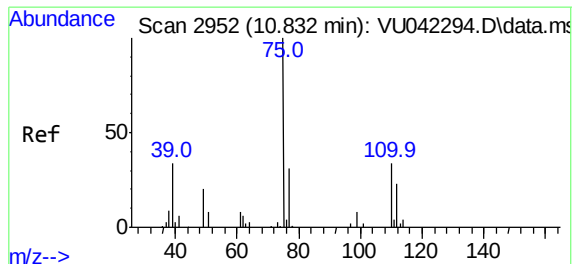
Tgt Ion: 43 Resp: 16136
Ion Ratio Lower Upper
43 100
58 18.0 40.6 61.0#
57 18.6 14.9 22.3
100 0.0 8.6 12.8#



#55
Styrene
Concen: 0.09 ug/L
RT: 10.121 min Scan# 2731
Delta R.T. -0.003 min
Lab File: VU042296.D
Acq: 09 Feb 2021 14:52

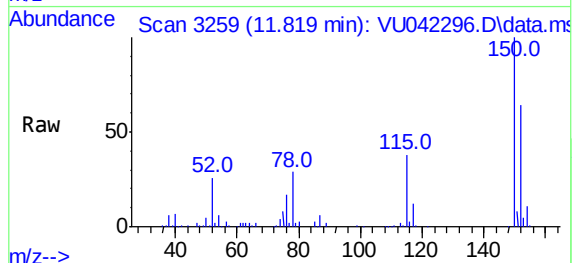
Tgt Ion: 104 Resp: 2005
Ion Ratio Lower Upper
104 100
78 47.3 34.9 64.7





#59
 1,2,3-Trichloropropane
 Concen: 1.20 ug/L
 RT: 11.819 min Scan# 3259
 Delta R.T. 0.987 min
 Lab File: VU042296.D
 Acq: 09 Feb 2021 14:52

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AR8



Tgt Ion: 75 Resp: 6665
 Ion Ratio Lower Upper
 75 100
 77 30.9 26.0 39.0

