

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020921\
 Data File : VU042298.D
 Acq On : 09 Feb 2021 15:40
 Operator : SY/MD
 Sample : M1351-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AR6

Quant Time: Feb 10 02:31:03 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)

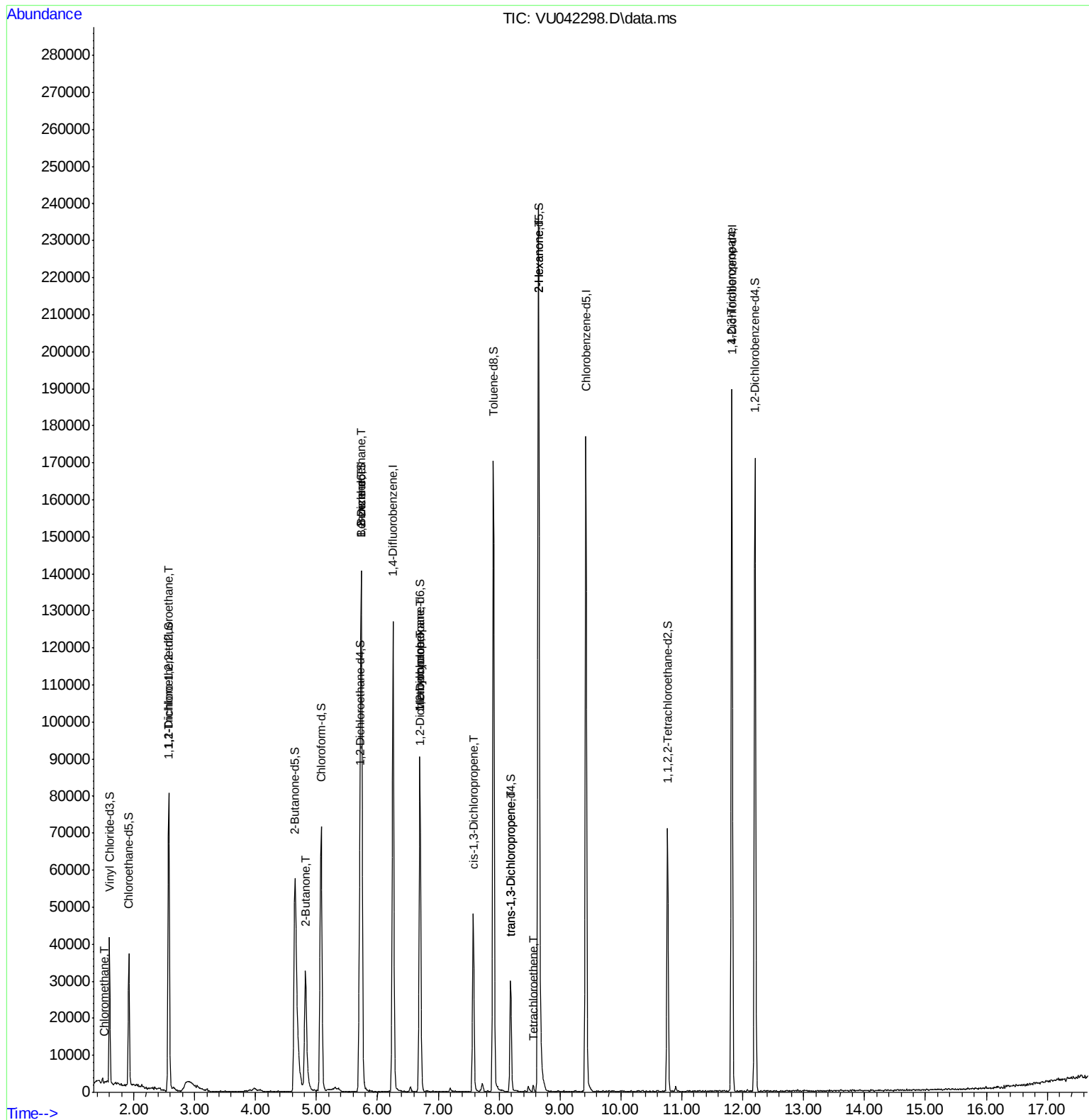
Internal Standards						
1) 1,4-Difluorobenzene	6.260	114	100649	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	93924	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.822	152	48976	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	26733	4.12	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.40%
7) Chloroethane-d5	1.919	69	23998	4.59	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.80%
11) 1,1-Dichloroethene-d2	2.575	63	50530	3.53	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.60%
20) 2-Butanone-d5	4.645	46	129076	54.48	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.96%
24) Chloroform-d	5.076	84	65682	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.80%
26) 1,2-Dichloroethane-d4	5.713	65	40045	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.80%
32) Benzene-d6	5.739	84	118838	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.80%
36) 1,2-Dichloropropane-d6	6.700	67	40253	5.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.80%
41) Toluene-d8	7.906	98	107809	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.00%
43) trans-1,3-Dichloroprop...	8.185	79	16211	4.04	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.80%
46) 2-Hexanone-d5	8.645	63	88620	50.76	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.52%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	32986	4.86	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.20%
64) 1,2-Dichlorobenzene-d4	12.201	152	42494	4.83	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.60%
Target Compounds						
3) Chloromethane	1.520	50	399	0.05	ug/L	92
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	379	0.05	ug/L #	18
21) 2-Butanone	4.819	43	55281	20.91	ug/L #	52
27) 1,2-Dichloroethane	5.739	62	774	0.08	ug/L #	75
33) Benzene	5.735	78	1122	0.04	ug/L	100
35) Methylcyclohexane	6.700	83	9160	0.73	ug/L #	15
37) 1,2-Dichloropropane	6.706	63	4845	0.67	ug/L #	87
39) cis-1,3-Dichloropropene	7.575	75	1261	0.11	ug/L #	82
44) trans-1,3-Dichloropropene	8.185	75	703	0.06	ug/L #	82
47) Tetrachloroethene	8.562	164	442	0.07	ug/L	84
48) 2-Hexanone	8.645	43	14418	3.33	ug/L #	68
59) 1,2,3-Trichloropropane	11.819	75	5783	1.13	ug/L	95

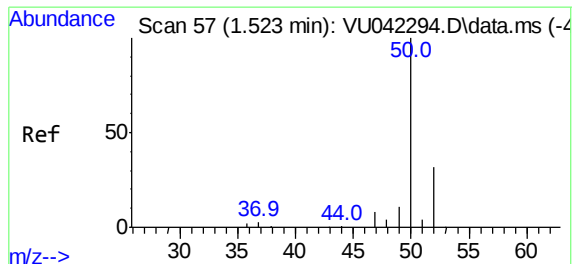
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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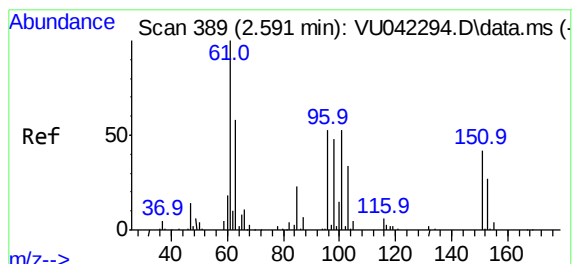
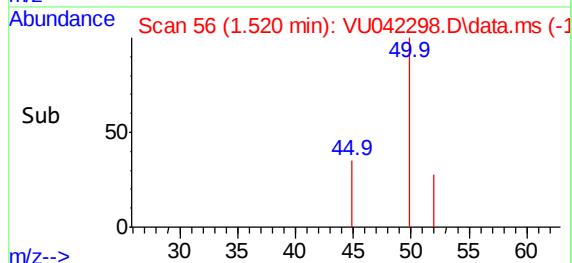
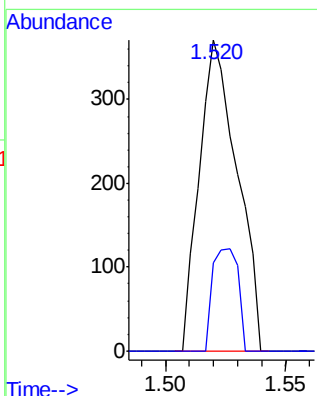
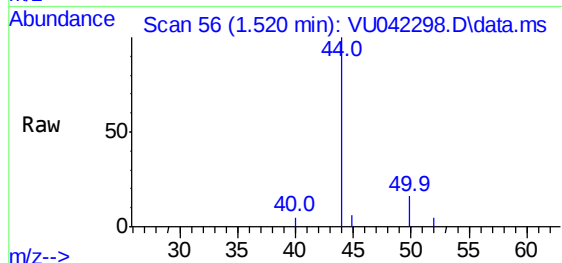




#3
Chloromethane
Concen: 0.05 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.003 min
Lab File: VU042298.D
Acq: 09 Feb 2021 15:40

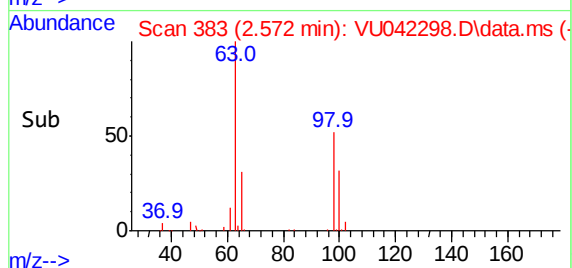
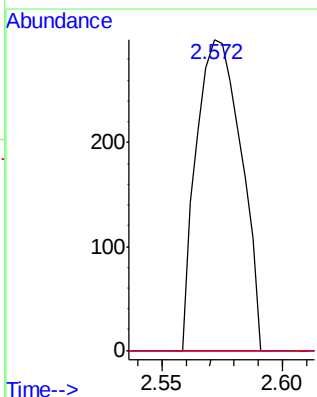
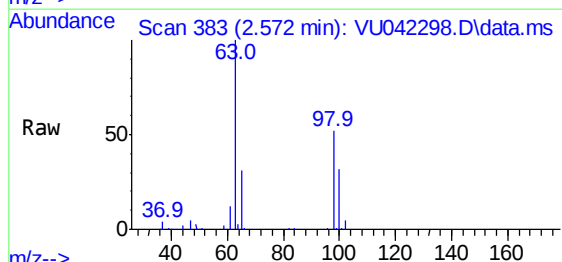
Instrument :
MSVOA_U
ClientSampleId :
C0AR6

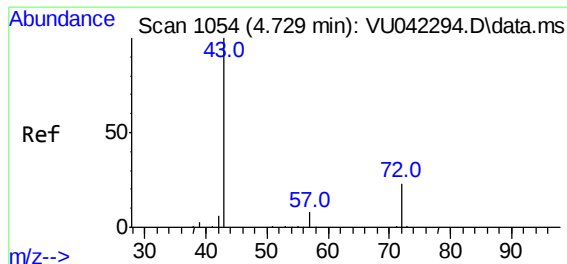
Tgt Ion: 50 Resp: 399
Ion Ratio Lower Upper
50 100
52 28.3 23.0 42.8



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.05 ug/L
RT: 2.572 min Scan# 383
Delta R.T. -0.019 min
Lab File: VU042298.D
Acq: 09 Feb 2021 15:40

Tgt Ion:101 Resp: 379
Ion Ratio Lower Upper
101 100
85 0.0 34.6 51.8#
151 0.0 62.7 94.1#

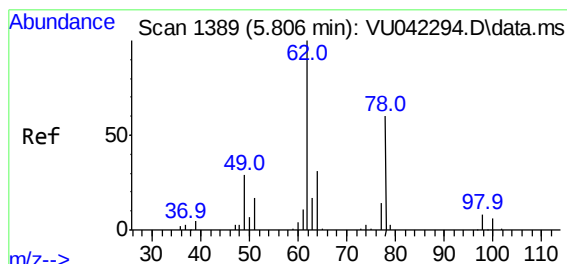
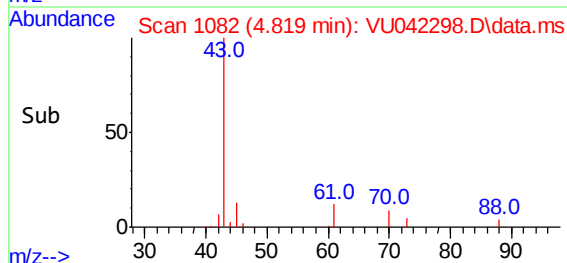
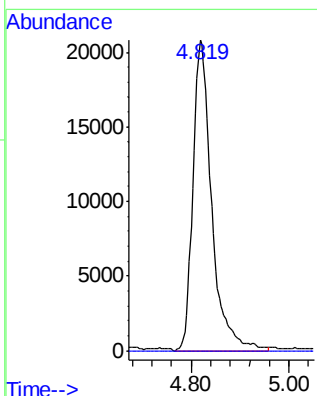
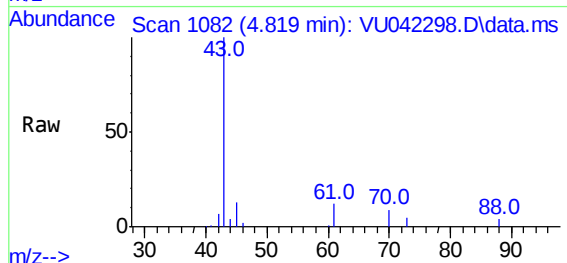




#21
2-Butanone
Concen: 20.91 ug/L
RT: 4.819 min Scan# 1082
Delta R.T. 0.090 min
Lab File: VU042298.D
Acq: 09 Feb 2021 15:40

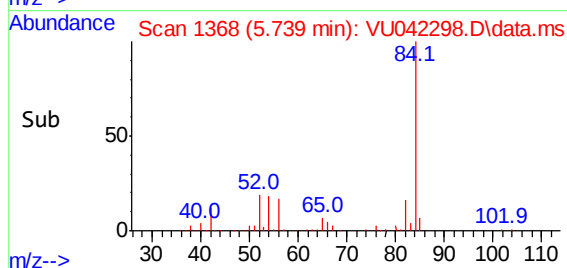
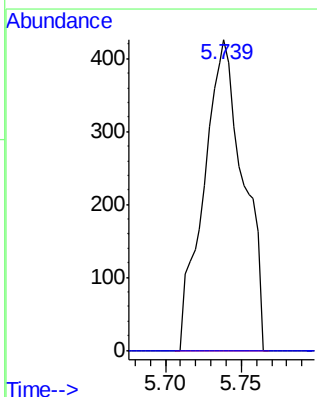
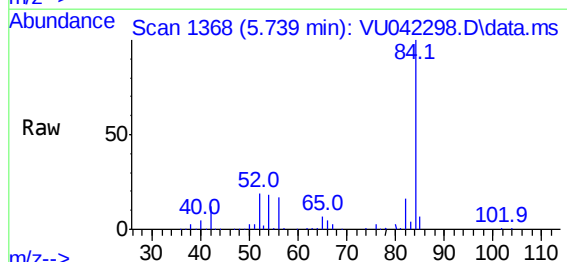
Instrument :
MSVOA_U
ClientSampled :
C0AR6

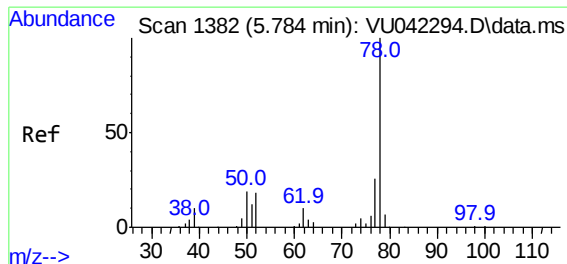
Tgt Ion: 43 Resp: 55281
Ion Ratio Lower Upper
43 100
72 0.0 11.7 35.1#



#27
1,2-Dichloroethane
Concen: 0.08 ug/L
RT: 5.739 min Scan# 1368
Delta R.T. -0.067 min
Lab File: VU042298.D
Acq: 09 Feb 2021 15:40

Tgt Ion: 62 Resp: 774
Ion Ratio Lower Upper
62 100
98 0.0 7.3 10.9#

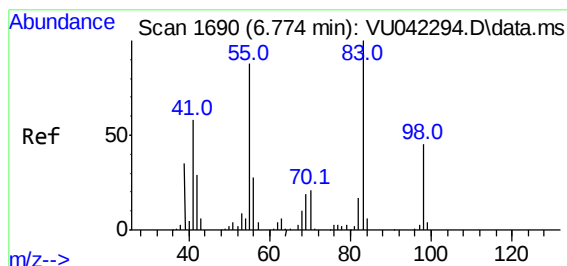
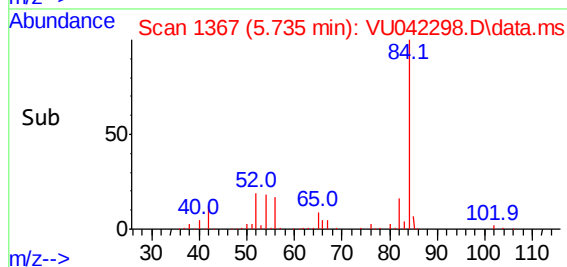
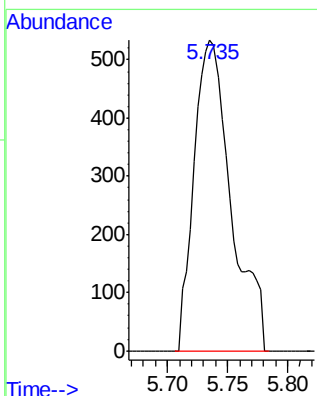
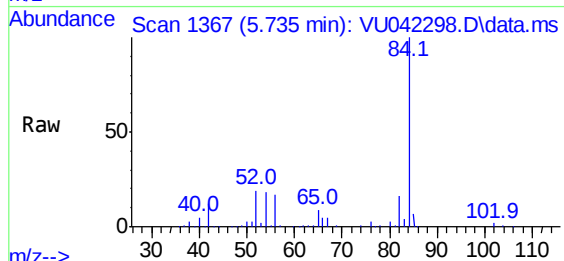




#33
Benzene
Concen: 0.04 ug/L
RT: 5.735 min Scan# 1367
Delta R.T. -0.048 min
Lab File: VU042298.D
Acq: 09 Feb 2021 15:40

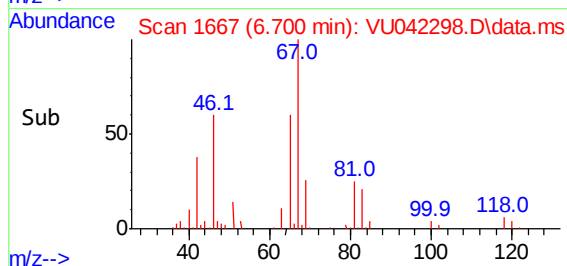
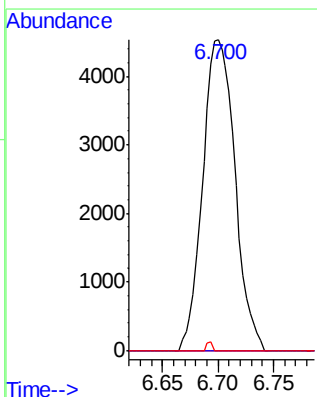
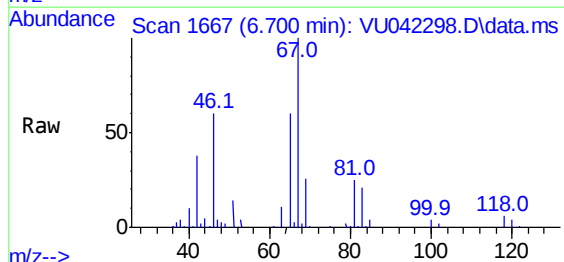
Instrument :
MSVOA_U
ClientSampleId :
C0AR6

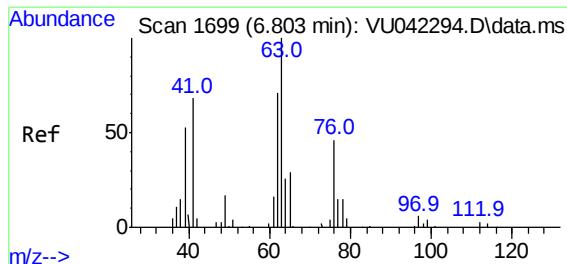
Tgt Ion: 78 Resp: 1122



#35
Methylcyclohexane
Concen: 0.73 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.074 min
Lab File: VU042298.D
Acq: 09 Feb 2021 15:40

Tgt Ion: 83 Resp: 9160
Ion Ratio Lower Upper
83 100
55 0.0 68.2 102.4#
98 0.5 39.7 59.5#

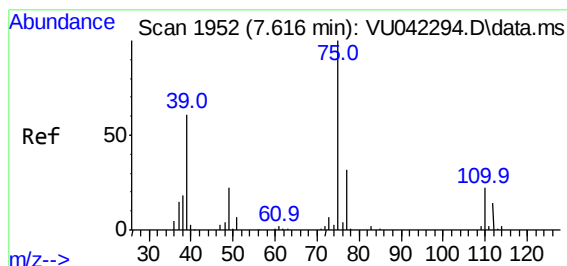
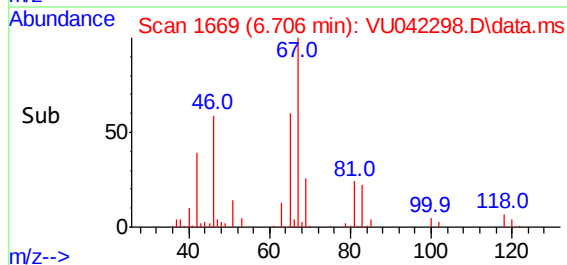
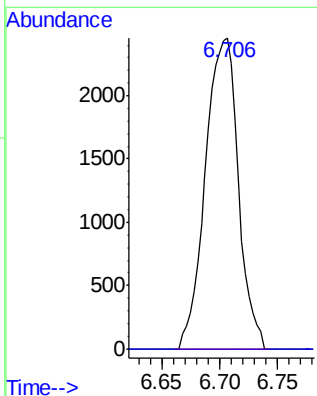
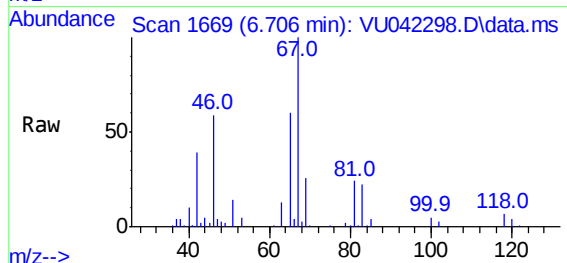




#37
1,2-Dichloropropane
Concen: 0.67 ug/L
RT: 6.706 min Scan# 1669
Delta R.T. -0.096 min
Lab File: VU042298.D
Acq: 09 Feb 2021 15:40

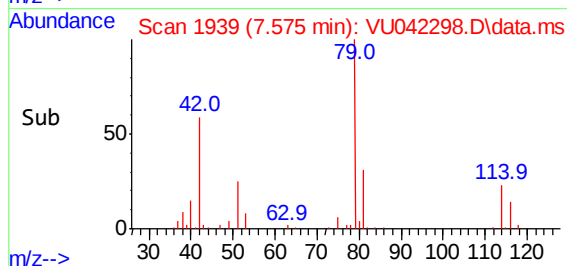
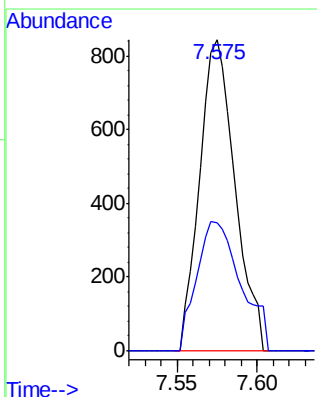
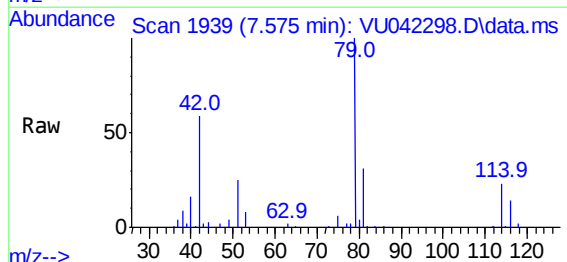
Instrument :
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ClientSampled :
C0AR6

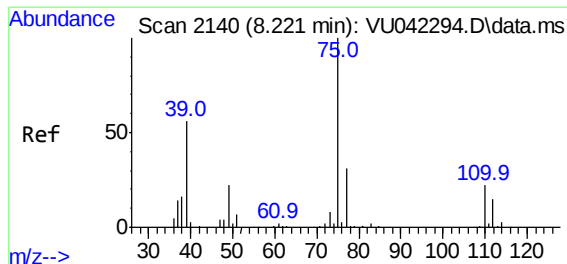
Tgt Ion: 63 Resp: 4845
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



#39
cis-1,3-Dichloropropene
Concen: 0.11 ug/L
RT: 7.575 min Scan# 1939
Delta R.T. -0.042 min
Lab File: VU042298.D
Acq: 09 Feb 2021 15:40

Tgt Ion: 75 Resp: 1261
Ion Ratio Lower Upper
75 100
77 41.2 22.0 40.8#



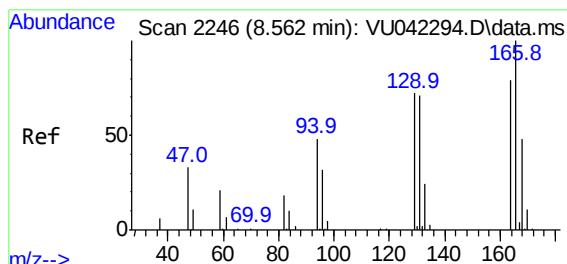
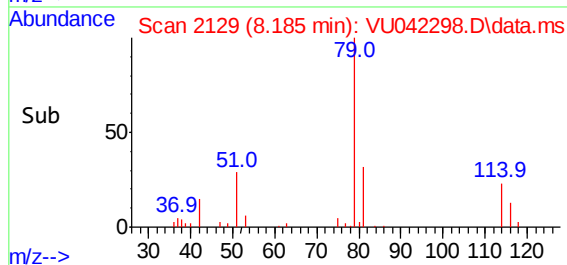
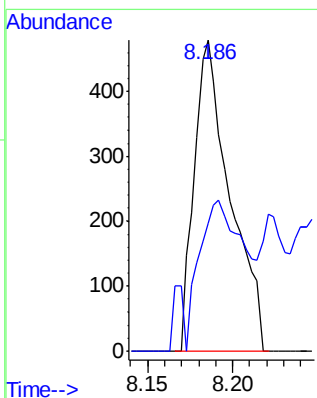
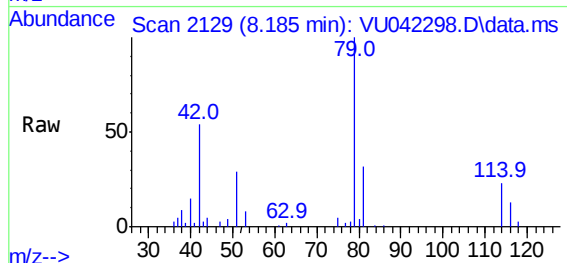


#44

trans-1,3-Dichloropropene
 Concen: 0.06 ug/L
 RT: 8.185 min Scan# 2129
 Delta R.T. -0.035 min
 Lab File: VU042298.D
 Acq: 09 Feb 2021 15:40

Instrument :
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 ClientSampleId :
 C0AR6

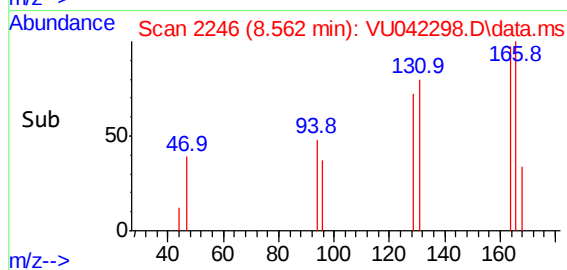
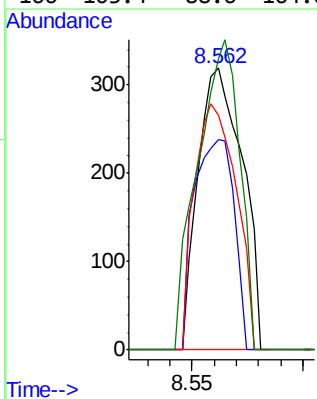
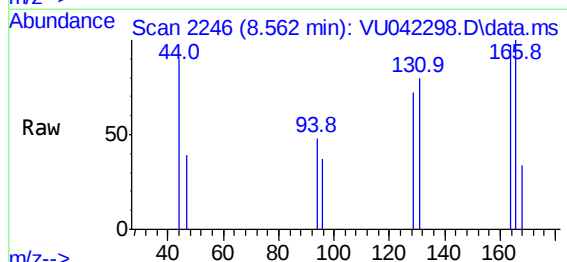
Tgt Ion: 75 Resp: 703
 Ion Ratio Lower Upper
 75 100
 77 41.1 21.8 40.4#

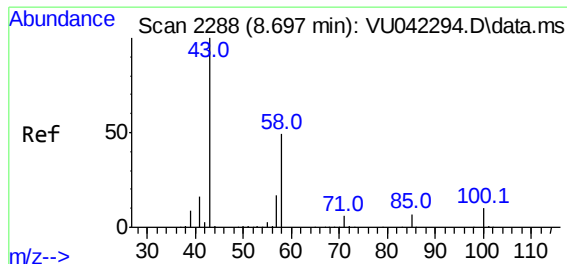


#47

Tetrachloroethene
 Concen: 0.07 ug/L
 RT: 8.562 min Scan# 2246
 Delta R.T. 0.000 min
 Lab File: VU042298.D
 Acq: 09 Feb 2021 15:40

Tgt Ion: 164 Resp: 442
 Ion Ratio Lower Upper
 164 100
 129 74.6 64.3 119.5
 131 83.1 62.2 115.6
 166 103.4 88.6 164.6

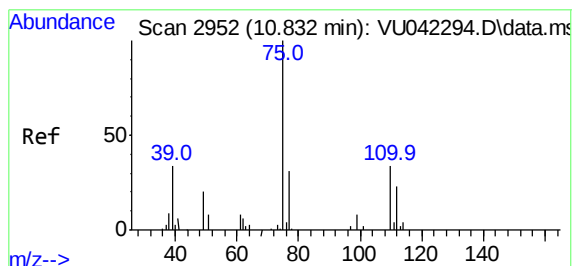
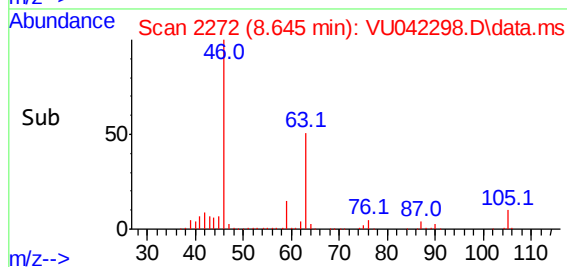
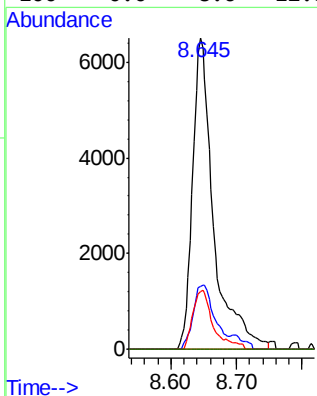
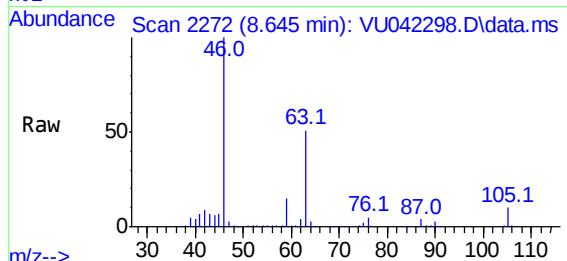




#48
2-Hexanone
Concen: 3.33 ug/L
RT: 8.645 min Scan# 2272
Delta R.T. -0.051 min
Lab File: VU042298.D
Acq: 09 Feb 2021 15:40

Instrument :
MSVOA_U
ClientSampleId :
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Tgt Ion: 43 Resp: 14418
Ion Ratio Lower Upper
43 100
58 20.7 40.6 61.0#
57 18.1 14.9 22.3
100 0.0 8.6 12.8#



#59
1,2,3-Trichloropropane
Concen: 1.13 ug/L
RT: 11.819 min Scan# 3259
Delta R.T. 0.987 min
Lab File: VU042298.D
Acq: 09 Feb 2021 15:40

Tgt Ion: 75 Resp: 5783
Ion Ratio Lower Upper
75 100
77 35.2 26.0 39.0

