

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042721\
 Data File : VU043349.D
 Acq On : 27 Apr 2021 13:15
 Operator : SY/MD
 Sample : M2127-25
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 27 23:49:04 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR041521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Apr 27 23:46:47 2021
 Response via : Initial Calibration

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

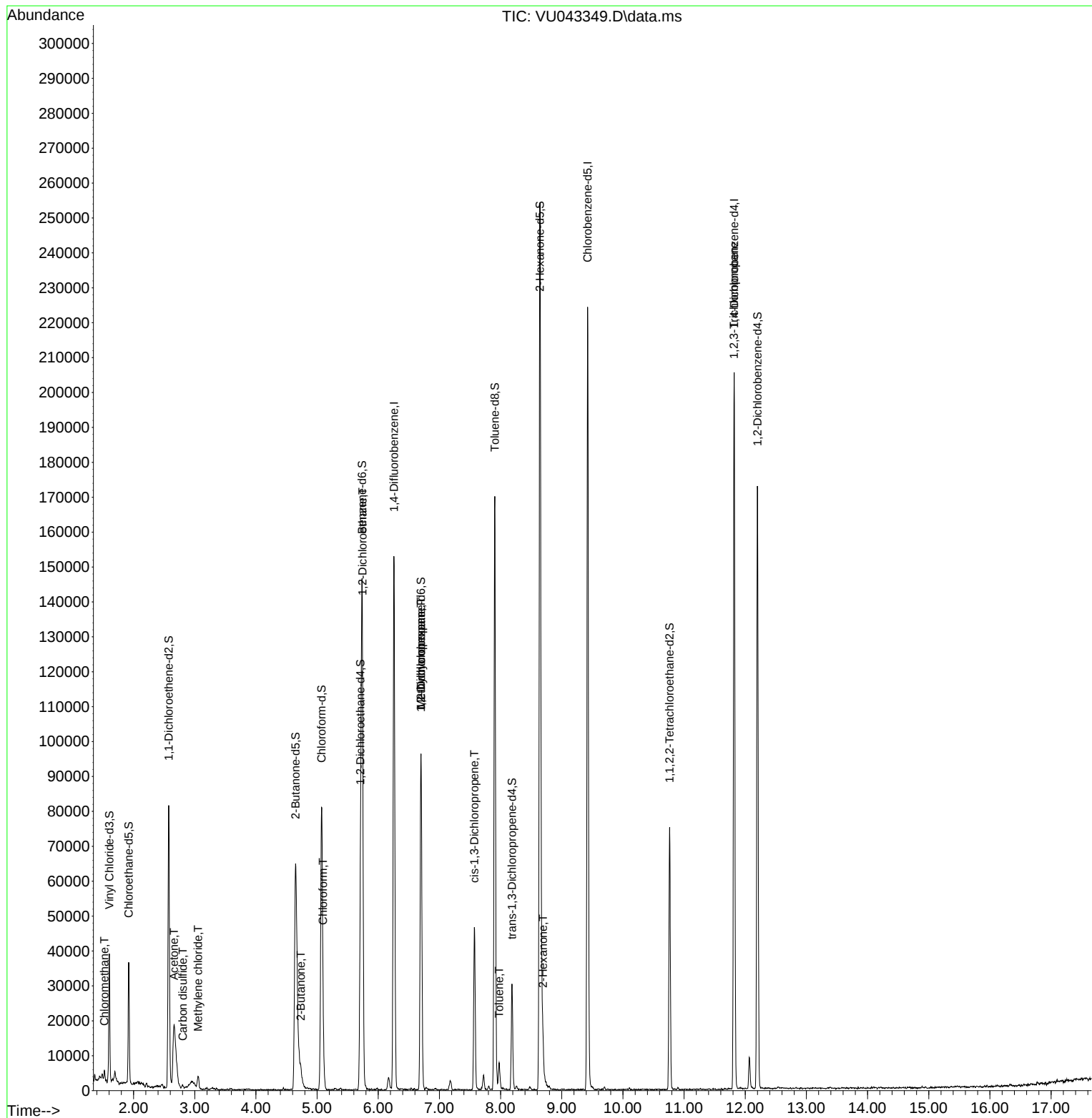
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	109354	5.00	ug/L	# 0.00
28) Chlorobenzene-d5	9.423	117	110401	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	50223	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	24502	4.41	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.20%
7) Chloroethane-d5	1.919	69	22997	4.39	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.80%
11) 1,1-Dichloroethene-d2	2.575	65	15429	4.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.80%
20) 2-Butanone-d5	4.649	46	131315	53.84	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.68%
24) Chloroform-d	5.073	84	64140	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.80%
26) 1,2-Dichloroethane-d4	5.710	65	44450	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.00%
32) Benzene-d6	5.735	84	121710	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.60%
36) 1,2-Dichloropropane-d6	6.700	67	42181	4.95	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.00%
41) Toluene-d8	7.906	98	105248	3.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.80%
43) trans-1,3-Dichloroprop...	8.185	79	15512	4.12	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.40%
46) 2-Hexanone-d5	8.642	63	79745	42.47	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.94%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	34853	4.65	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.00%
66) 1,2-Dichlorobenzene-d4	12.201	152	41780	4.85	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.00%
Target Compounds						Qvalue
3) Chloromethane	1.523	50	1735	0.25	ug/L	# 64
13) Acetone	2.662	43	39839	22.23	ug/L	# 65
14) Carbon disulfide	2.803	76	1105	0.07	ug/L	# 74
16) Methylene chloride	3.054	84	1319	0.17	ug/L	80
21) 2-Butanone	4.732	43	6838	2.31	ug/L	82
25) Chloroform	5.096	83	5982	0.40	ug/L	98
27) 1,2-Dichloroethane	5.742	62	953	0.09	ug/L	# 74
35) Methylcyclohexane	6.700	83	9388	0.83	ug/L	# 19
37) 1,2-Dichloropropane	6.697	63	4982	0.60	ug/L	# 87
39) cis-1,3-Dichloropropene	7.571	75	1328	0.11	ug/L	# 56
42) Toluene	7.976	91	5163	0.16	ug/L	96
48) 2-Hexanone	8.693	43	5322	0.97	ug/L	# 80
61) 1,2,3-Trichloropropane	11.816	75	6787	1.31	ug/L	# 62

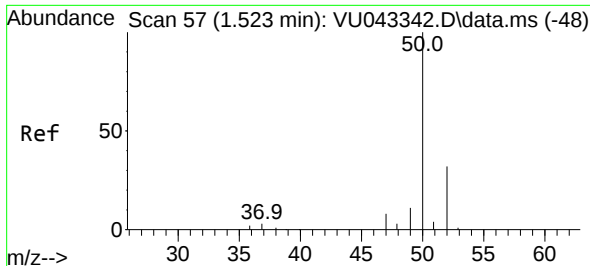
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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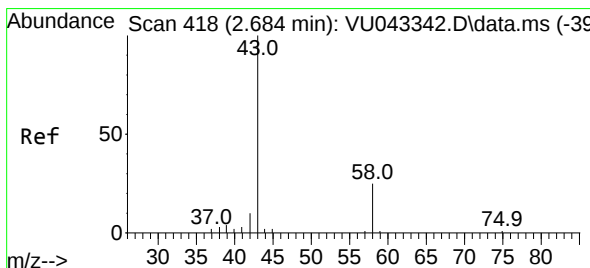
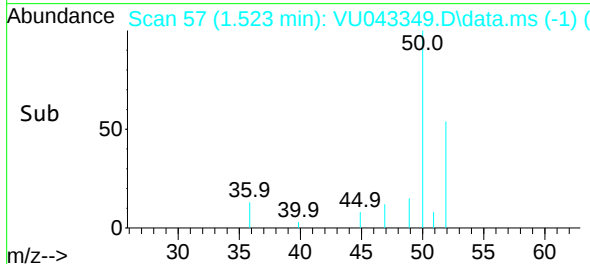
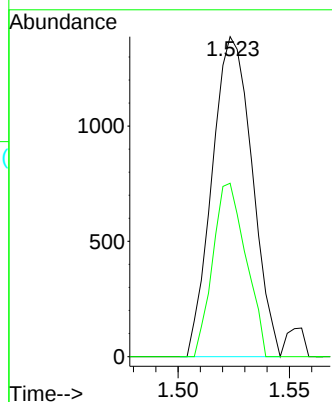
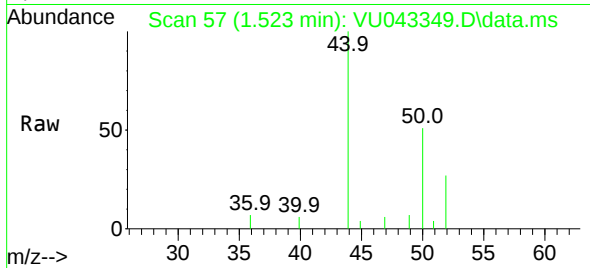




#3
Chloromethane
Concen: 0.25 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU043349.D
Acq: 27 Apr 2021 13:15

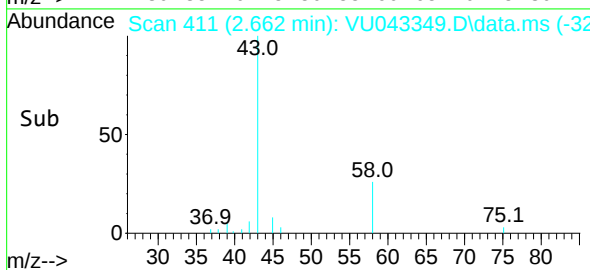
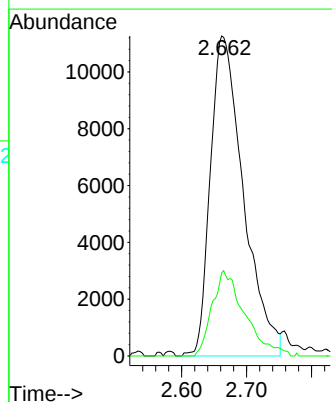
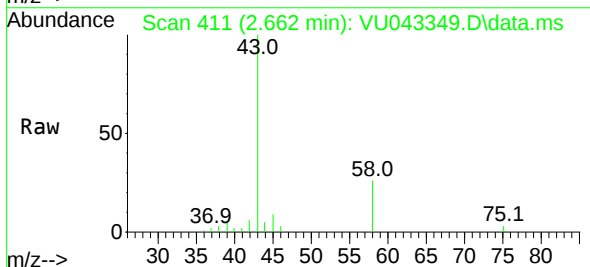
Instrument :
MSVOA_U
ClientSampled :

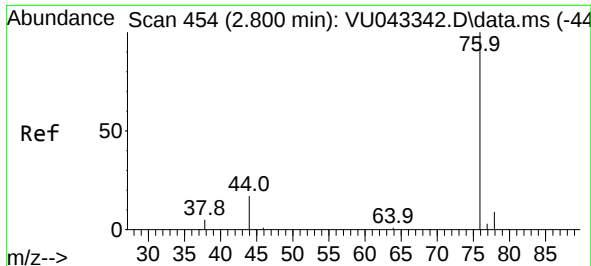
Tgt Ion: 50 Resp: 1735
Ion Ratio Lower Upper
50 100
52 54.2 23.6 43.8#



#13
Acetone
Concen: 22.23 ug/L
RT: 2.662 min Scan# 411
Delta R.T. -0.023 min
Lab File: VU043349.D
Acq: 27 Apr 2021 13:15

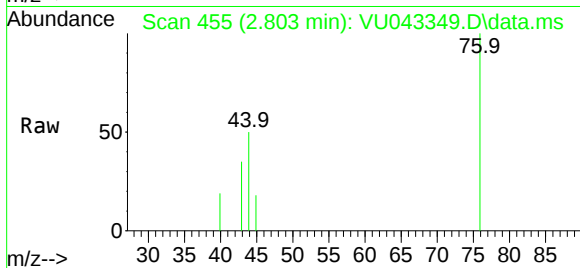
Tgt Ion: 43 Resp: 39839
Ion Ratio Lower Upper
43 100
58 26.2 0.0 25.0#



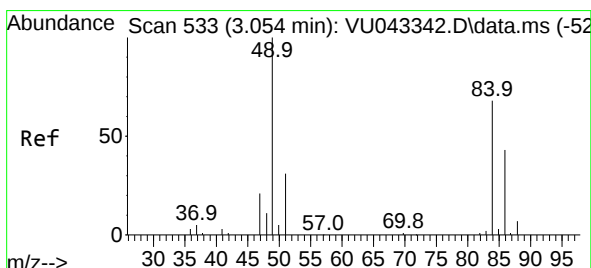
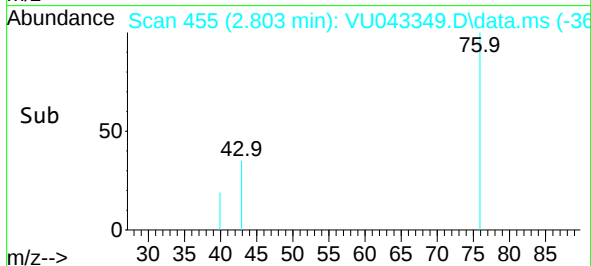
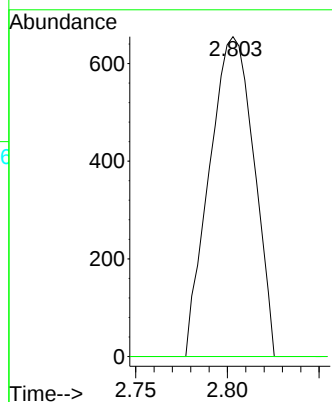


#14
Carbon disulfide
Concen: 0.07 ug/L
RT: 2.803 min Scan# 455
Delta R.T. 0.003 min
Lab File: VU043349.D
Acq: 27 Apr 2021 13:15

Instrument :
MSVOA_U
ClientSampleId :

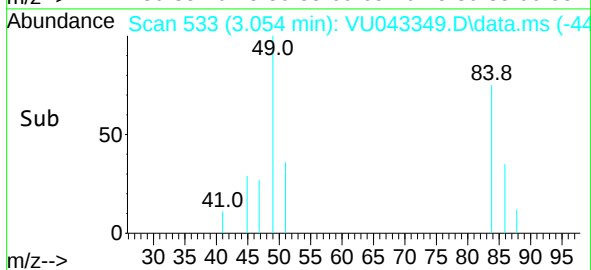
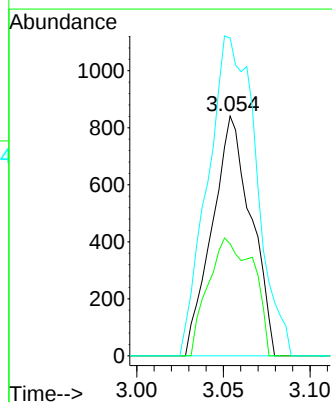
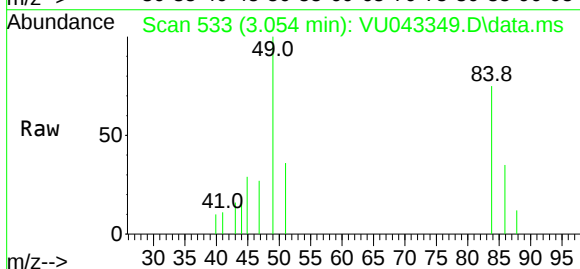


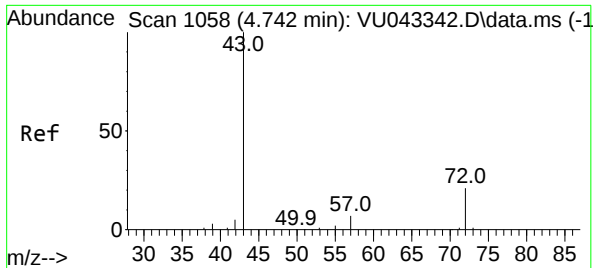
Tgt Ion: 76 Resp: 1105
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3#



#16
Methylene chloride
Concen: 0.17 ug/L
RT: 3.054 min Scan# 533
Delta R.T. -0.000 min
Lab File: VU043349.D
Acq: 27 Apr 2021 13:15

Tgt Ion: 84 Resp: 1319
Ion Ratio Lower Upper
84 100
86 46.7 44.9 83.5
49 132.6 79.0 146.8

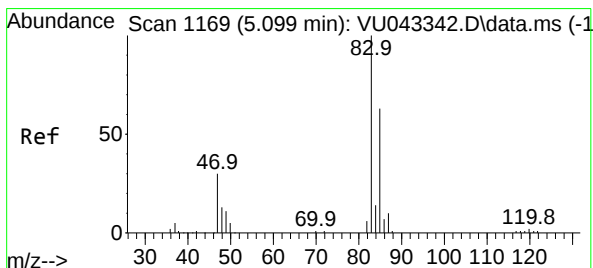
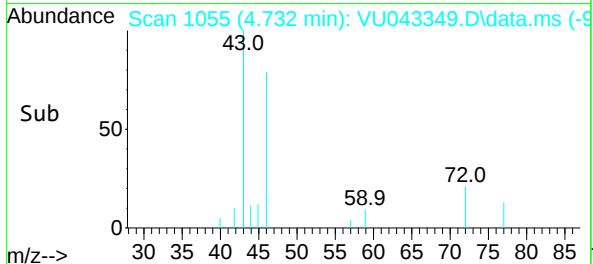
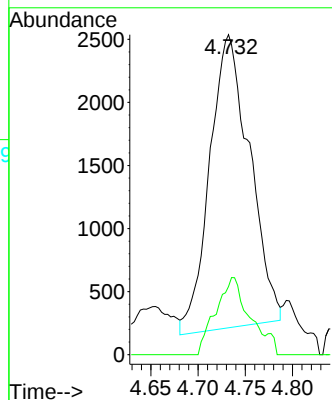
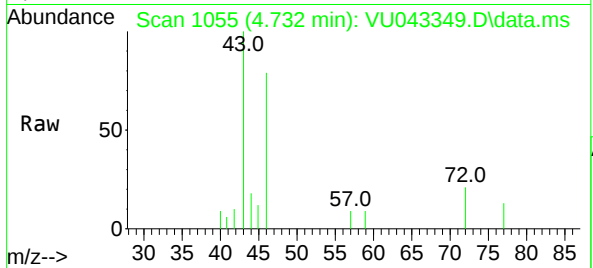




#21
2-Butanone
Concen: 2.31 ug/L
RT: 4.732 min Scan# 1055
Delta R.T. -0.010 min
Lab File: VU043349.D
Acq: 27 Apr 2021 13:15

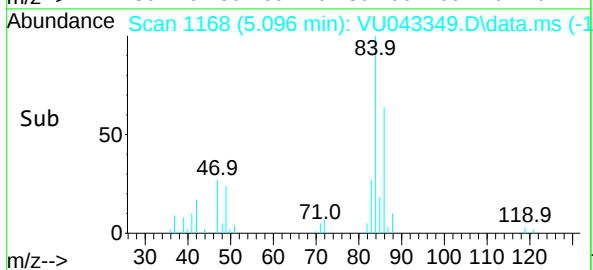
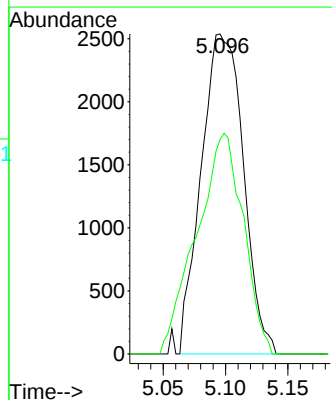
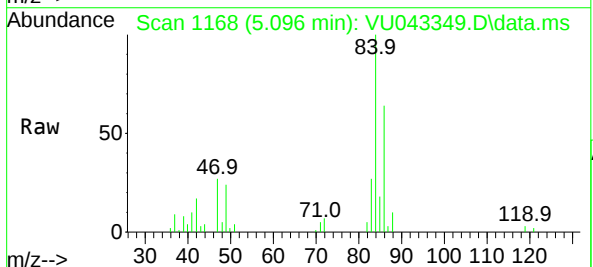
Instrument :
MSVOA_U
ClientSampled :

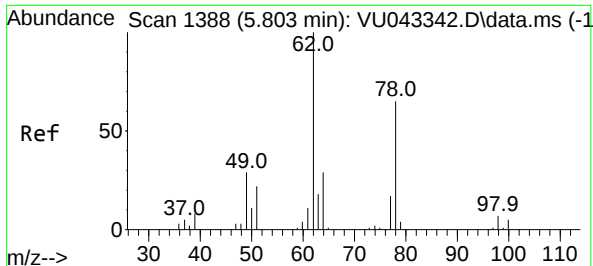
Tgt Ion: 43 Resp: 6838
Ion Ratio Lower Upper
43 100
72 21.3 15.8 47.3



#25
Chloroform
Concen: 0.40 ug/L
RT: 5.096 min Scan# 1168
Delta R.T. -0.003 min
Lab File: VU043349.D
Acq: 27 Apr 2021 13:15

Tgt Ion: 83 Resp: 5982
Ion Ratio Lower Upper
83 100
85 66.9 45.6 84.8



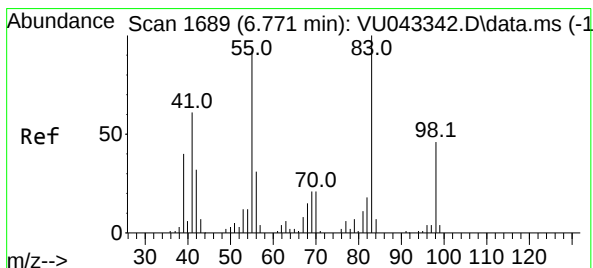
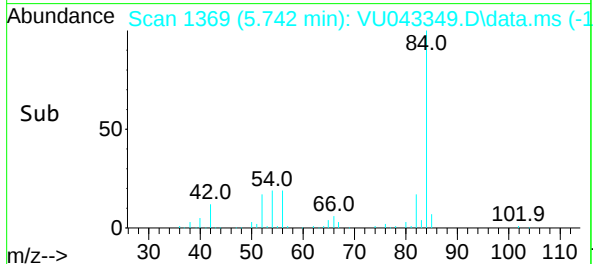
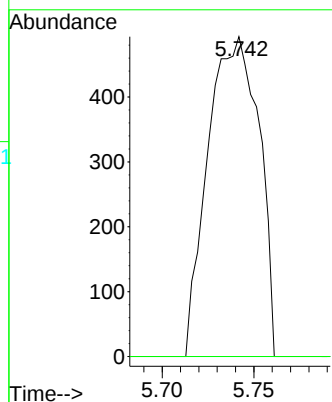
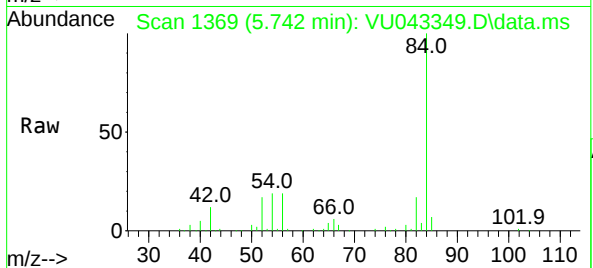


#27

1,2-Dichloroethane
Concen: 0.09 ug/L
RT: 5.742 min Scan# 1369
Delta R.T. -0.061 min
Lab File: VU043349.D
Acq: 27 Apr 2021 13:15

Instrument :
MSVOA_U
ClientSampled :

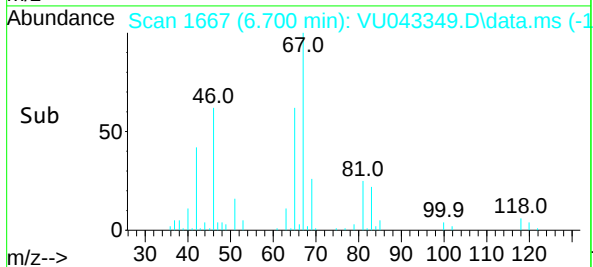
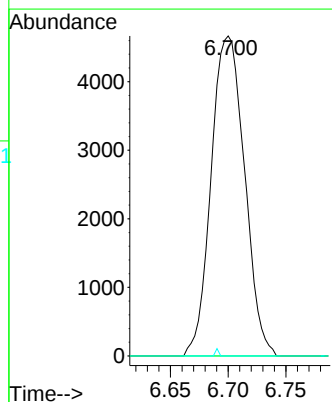
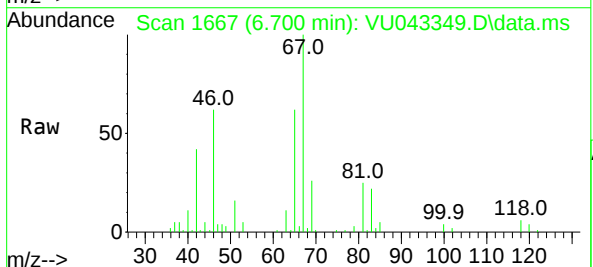
Tgt Ion: 62 Resp: 953
Ion Ratio Lower Upper
62 100
98 0.0 7.5 11.3#

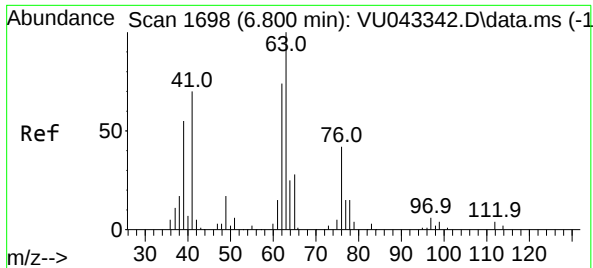


#35

Methylcyclohexane
Concen: 0.83 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.071 min
Lab File: VU043349.D
Acq: 27 Apr 2021 13:15

Tgt Ion: 83 Resp: 9388
Ion Ratio Lower Upper
83 100
55 0.0 59.5 89.3#
98 0.2 37.9 56.9#

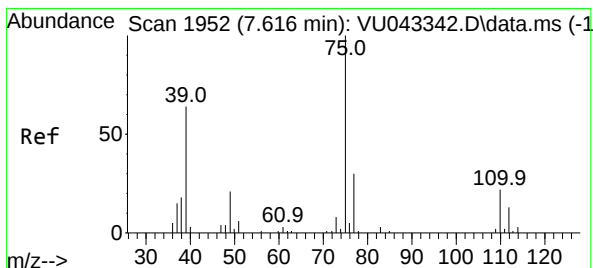
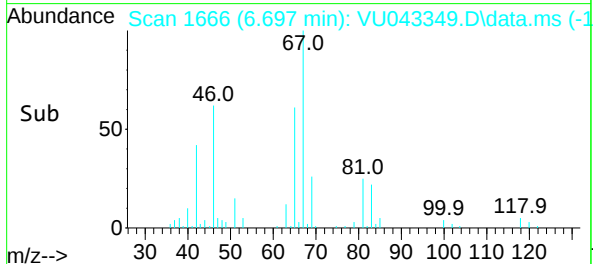
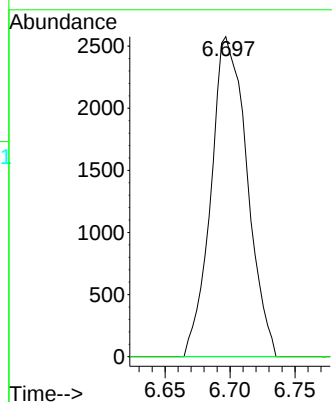
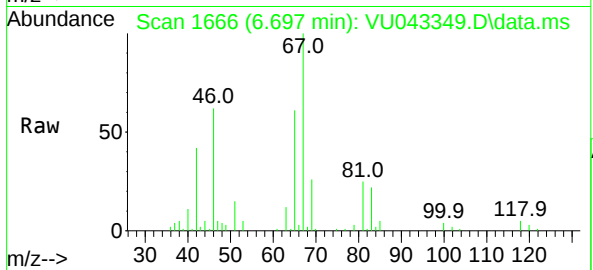




#37
1,2-Dichloropropane
Concen: 0.60 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.103 min
Lab File: VU043349.D
Acq: 27 Apr 2021 13:15

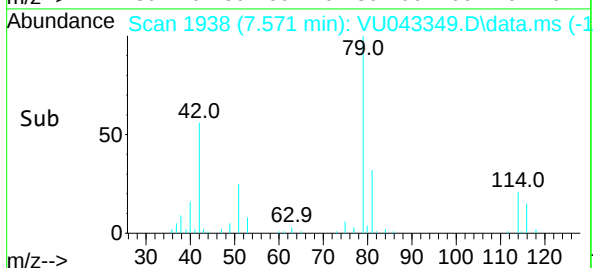
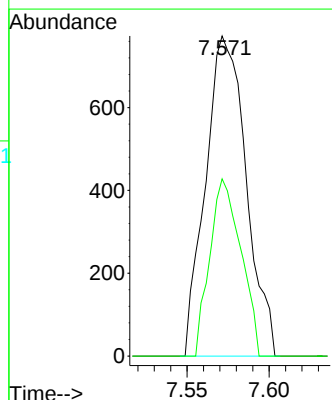
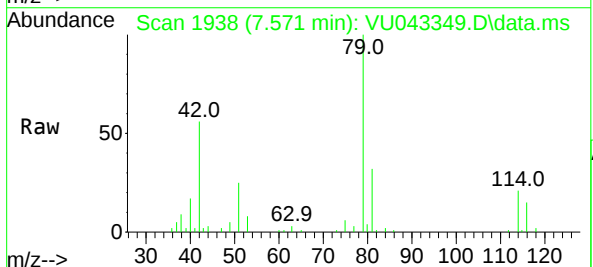
Instrument :
MSVOA_U
ClientSampleId :

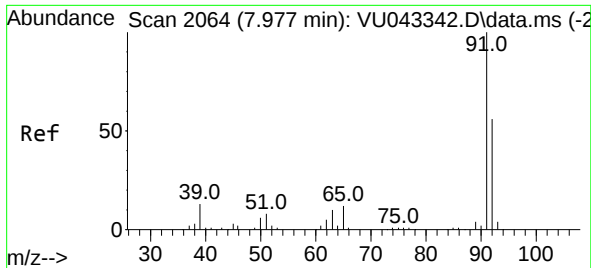
Tgt Ion: 63 Resp: 4982
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#



#39
cis-1,3-Dichloropropene
Concen: 0.11 ug/L
RT: 7.571 min Scan# 1938
Delta R.T. -0.045 min
Lab File: VU043349.D
Acq: 27 Apr 2021 13:15

Tgt Ion: 75 Resp: 1328
Ion Ratio Lower Upper
75 100
77 55.4 21.8 40.6#

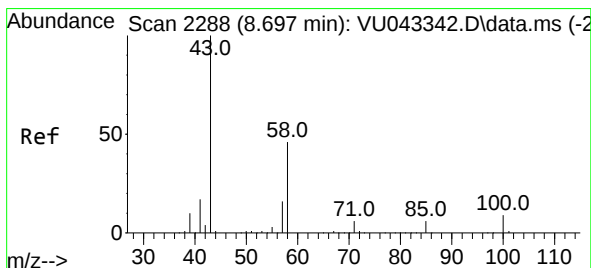
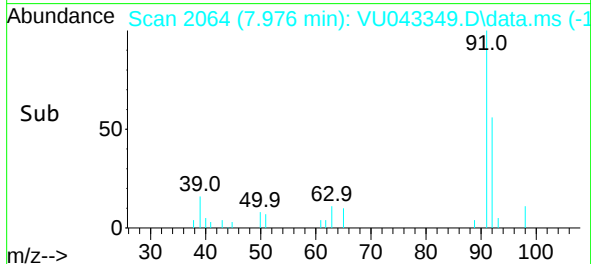
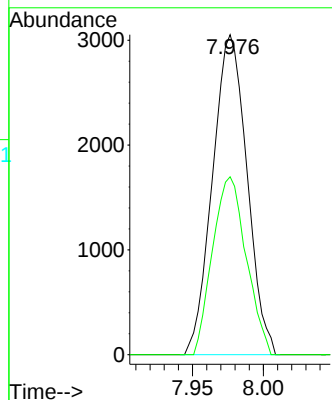
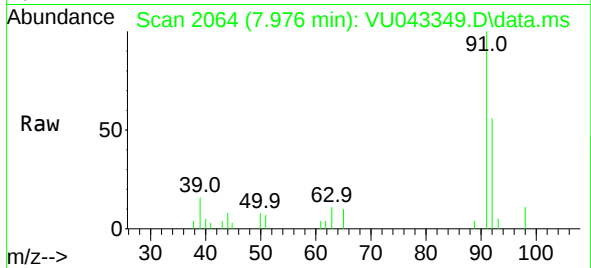




#42
Toluene
Concen: 0.16 ug/L
RT: 7.976 min Scan# 2064
Delta R.T. -0.000 min
Lab File: VU043349.D
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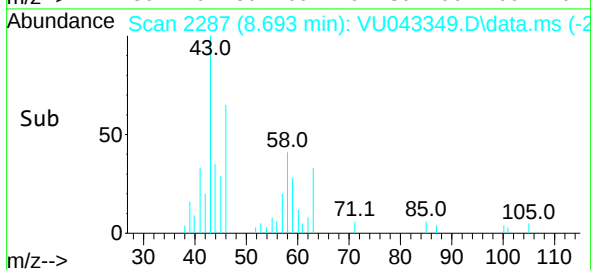
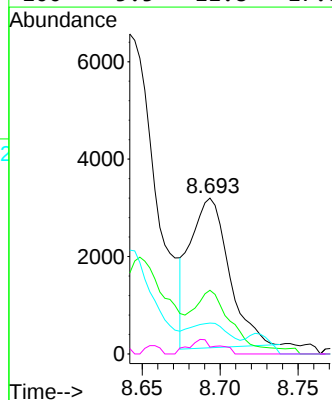
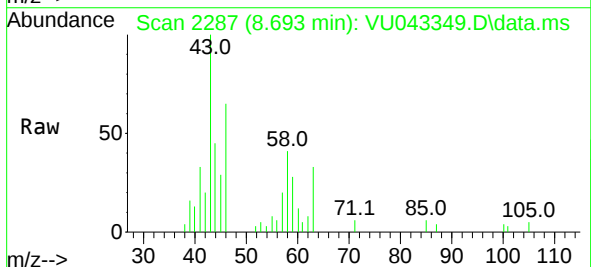
Instrument :
MSVOA_U
ClientSampled :

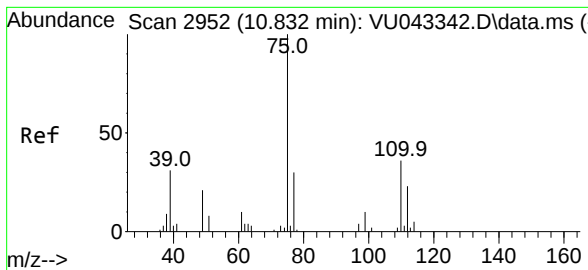
Tgt Ion: 91 Resp: 5163
Ion Ratio Lower Upper
91 100
92 55.6 40.9 76.0



#48
2-Hexanone
Concen: 0.97 ug/L
RT: 8.693 min Scan# 2287
Delta R.T. -0.003 min
Lab File: VU043349.D
Acq: 27 Apr 2021 13:15

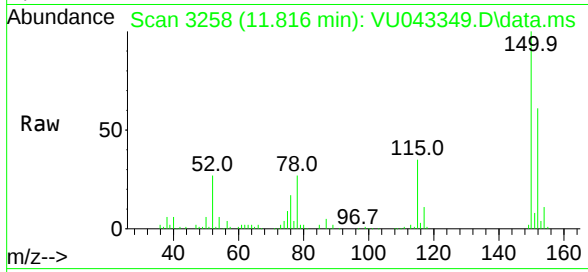
Tgt Ion: 43 Resp: 5322
Ion Ratio Lower Upper
43 100
58 42.8 50.0 75.0#
57 22.2 17.4 26.0
100 5.5 11.8 17.8#





#61
 1,2,3-Trichloropropane
 Concen: 1.31 ug/L
 RT: 11.816 min Scan# 3258
 Delta R.T. 0.984 min
 Lab File: VU043349.D
 Acq: 27 Apr 2021 13:15

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 6787
 Ion Ratio Lower Upper
 75 100
 110 2.4 31.5 47.3#
 77 39.4 26.3 39.5

