

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041521\
 Data File : VU043145.D
 Acq On : 16 Apr 2021 01:22
 Operator : SY/MD
 Sample : M2055-11
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 16 07:17:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR041521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 16 07:14:05 2021
 Response via : Initial Calibration

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

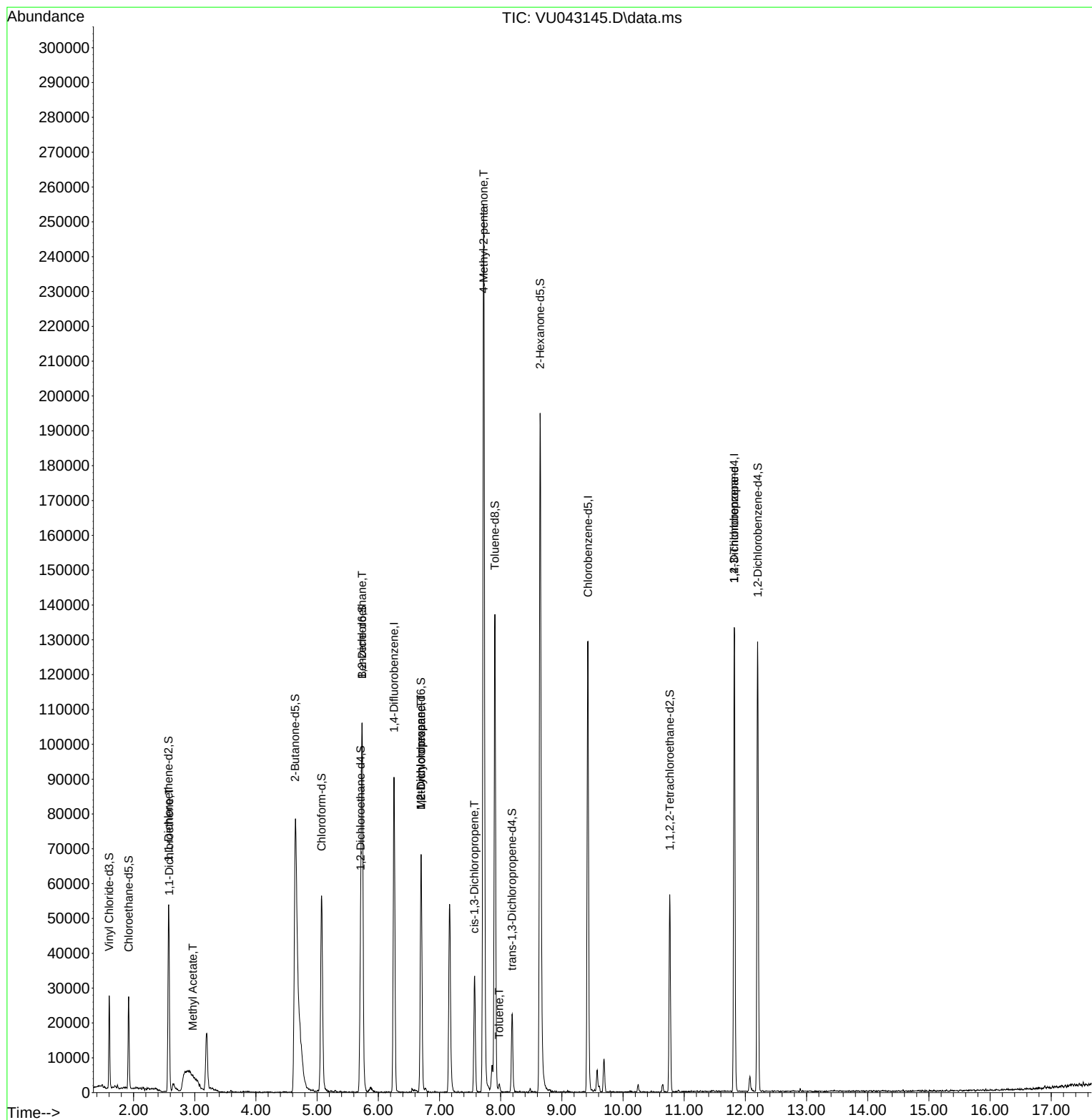
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	67195	5.00	ug/L	# 0.00
28) Chlorobenzene-d5	9.427	117	67104	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	33203	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	17682	5.18	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	103.60%	
7) Chloroethane-d5	1.919	69	17132	5.32	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	106.40%	
11) 1,1-Dichloroethene-d2	2.572	65	10283	5.20	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	104.00%	
20) 2-Butanone-d5	4.642	46	98355	65.63	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	131.26%#	
24) Chloroform-d	5.073	84	47244	5.44	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	108.80%	
26) 1,2-Dichloroethane-d4	5.710	65	31467	5.36	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	107.20%	
32) Benzene-d6	5.735	84	86917	5.56	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	111.20%	
36) 1,2-Dichloropropane-d6	6.700	67	28849	5.57	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	111.40%	
41) Toluene-d8	7.906	98	81643	5.03	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	100.60%	
43) trans-1,3-Dichloroprop...	8.186	79	11744	5.13	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	102.60%	
46) 2-Hexanone-d5	8.645	63	65942	57.78	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	115.56%	
56) 1,1,2,2-Tetrachloroeth...	10.764	84	25711	5.64	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	112.80%	
66) 1,2-Dichlorobenzene-d4	12.201	152	31950	5.61	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	112.20%	
Target Compounds						
						Qvalue
12) 1,1-Dichloroethene	2.581	96	318	0.09	ug/L #	1
15) Methyl Acetate	2.970	43	2349	1.13	ug/L #	48
27) 1,2-Dichloroethane	5.735	62	559	0.08	ug/L #	74
35) Methylcyclohexane	6.700	83	6646	0.97	ug/L #	20
37) 1,2-Dichloropropane	6.700	63	3452	0.68	ug/L #	87
39) cis-1,3-Dichloropropene	7.571	75	869	0.12	ug/L	87
40) 4-Methyl-2-pentanone	7.723	43	129766	28.71	ug/L #	41
42) Toluene	7.977	91	1579	0.08	ug/L	90
61) 1,2,3-Trichloropropane	11.819	75	4130	1.20	ug/L #	59

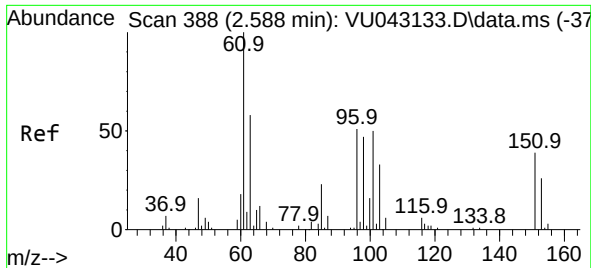
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.09 ug/L

RT: 2.581 min Scan# 386

Delta R.T. -0.006 min

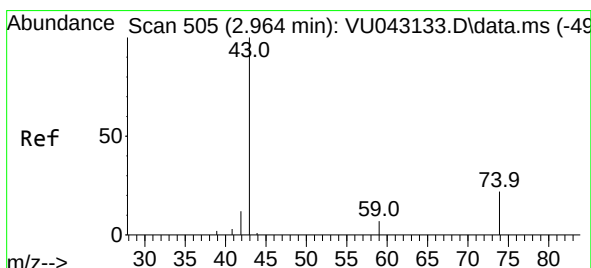
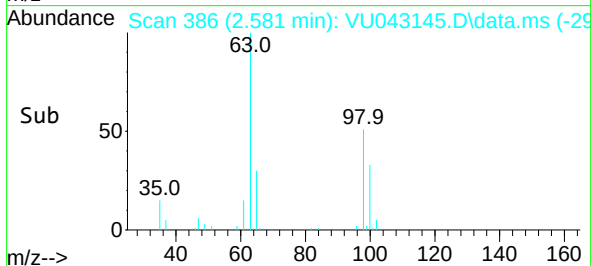
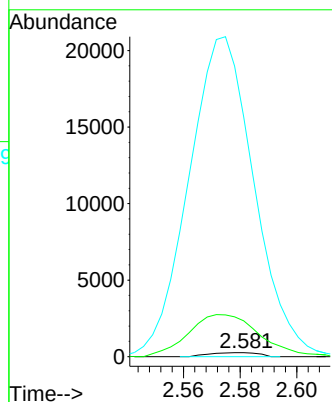
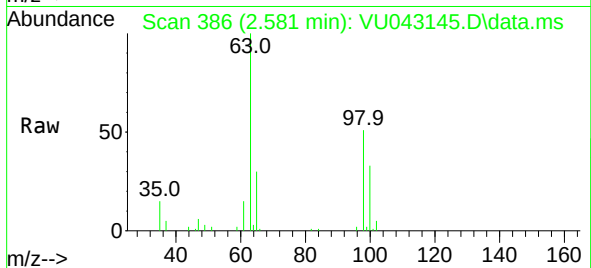
Lab File: VU043145.D

Acq: 16 Apr 2021 01:22

Tgt Ion: 96 Resp: 318

Ion	Ratio	Lower	Upper
96	100		
61	882.0	115.1	213.7#
63	5888.0	84.1	156.1#

Instrument :
MSVOA_U
ClientSampleId :



#15

Methyl Acetate

Concen: 1.13 ug/L

RT: 2.970 min Scan# 507

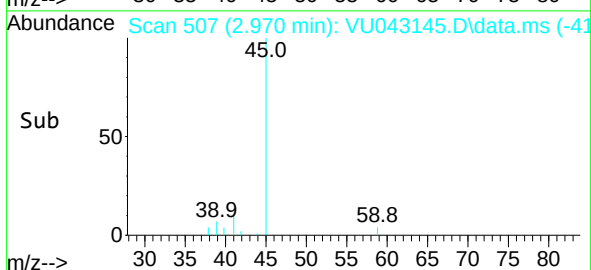
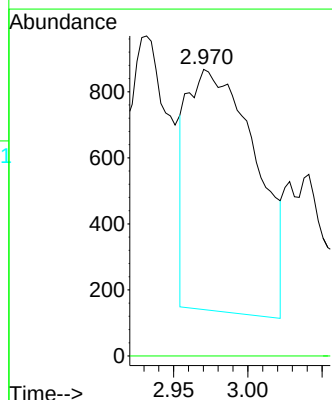
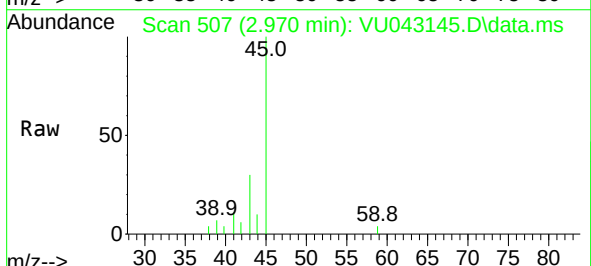
Delta R.T. 0.007 min

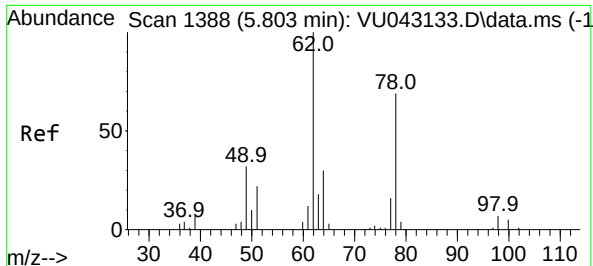
Lab File: VU043145.D

Acq: 16 Apr 2021 01:22

Tgt Ion: 43 Resp: 2349

Ion	Ratio	Lower	Upper
43	100		
74	0.0	21.5	32.3#



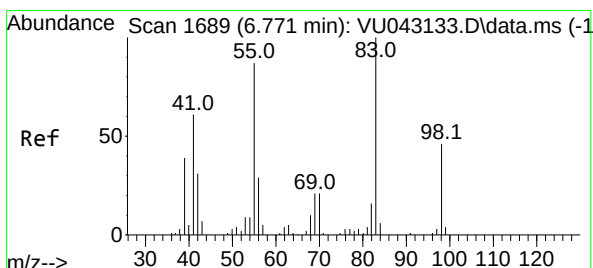
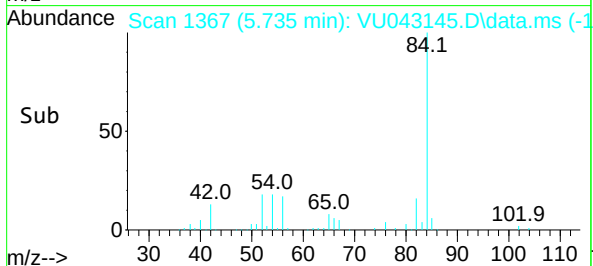
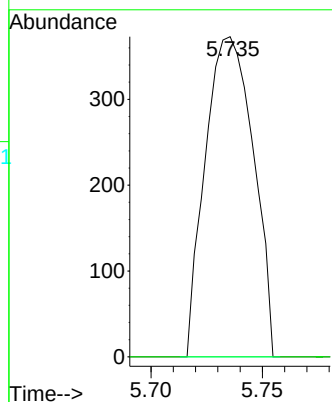
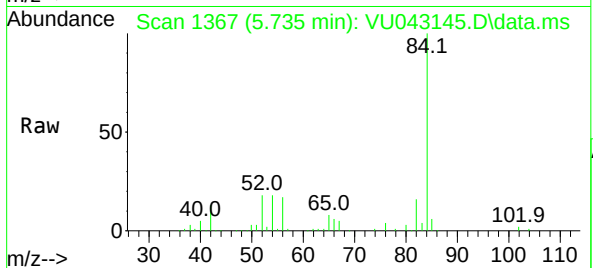


#27

1,2-Dichloroethane
Concen: 0.08 ug/L
RT: 5.735 min Scan# 1367
Delta R.T. -0.067 min
Lab File: VU043145.D
Acq: 16 Apr 2021 01:22

Instrument :
MSVOA_U
ClientSampleId :

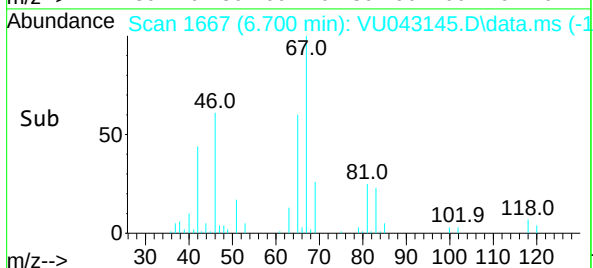
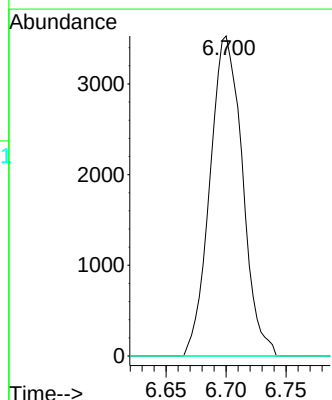
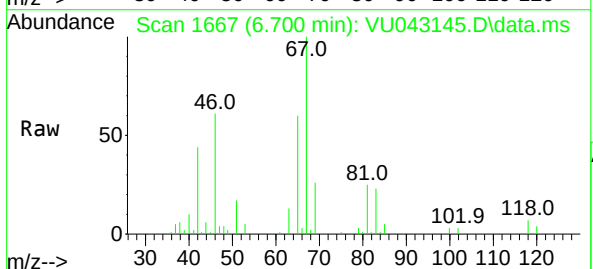
Tgt Ion: 62 Resp: 559
Ion Ratio Lower Upper
62 100
98 0.0 7.5 11.3#

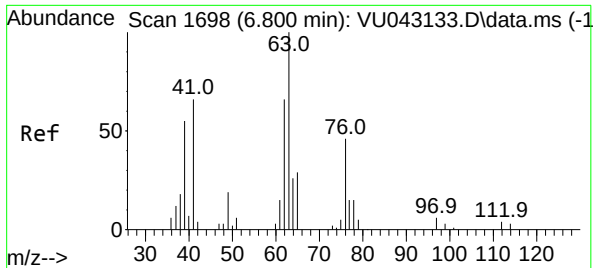


#35

Methylcyclohexane
Concen: 0.97 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.071 min
Lab File: VU043145.D
Acq: 16 Apr 2021 01:22

Tgt Ion: 83 Resp: 6646
Ion Ratio Lower Upper
83 100
55 0.6 59.5 89.3#
98 0.3 37.9 56.9#

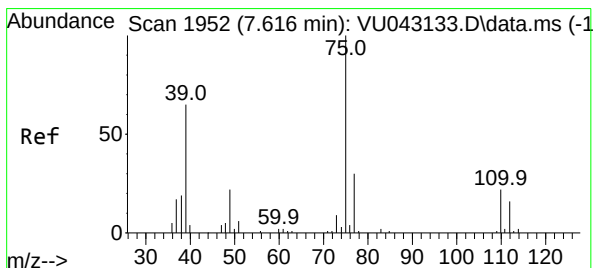
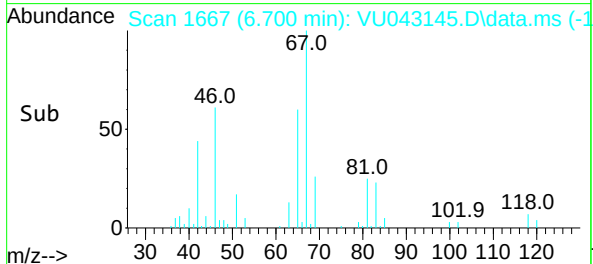
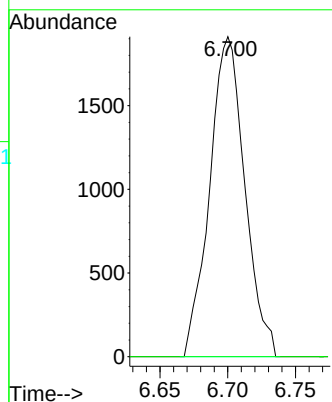
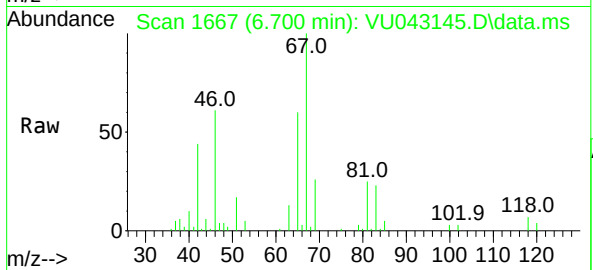




#37
1,2-Dichloropropane
Concen: 0.68 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU043145.D
Acq: 16 Apr 2021 01:22

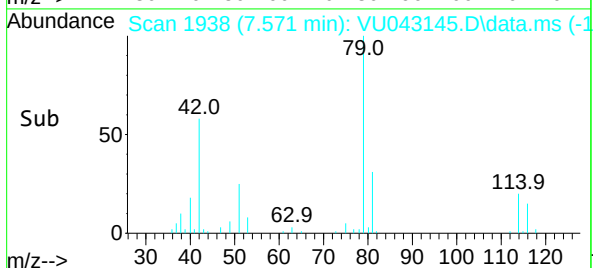
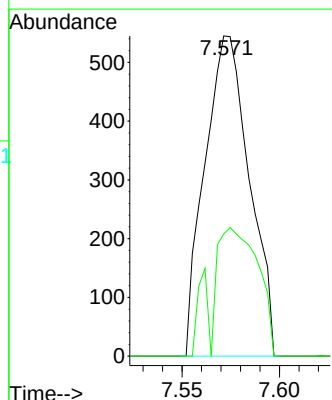
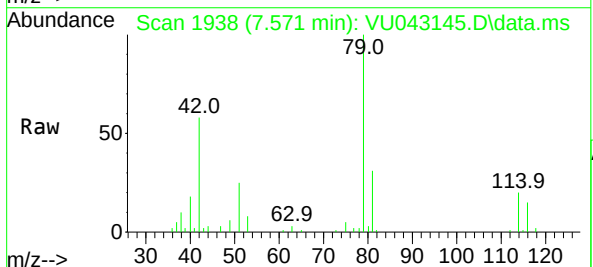
Instrument :
MSVOA_U
ClientSampled :

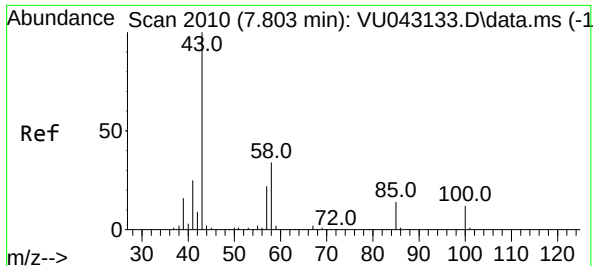
Tgt Ion: 63 Resp: 3452
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#



#39
cis-1,3-Dichloropropene
Concen: 0.12 ug/L
RT: 7.571 min Scan# 1938
Delta R.T. -0.045 min
Lab File: VU043145.D
Acq: 16 Apr 2021 01:22

Tgt Ion: 75 Resp: 869
Ion Ratio Lower Upper
75 100
77 38.2 21.8 40.6





#40

4-Methyl-2-pentanone

Concen: 28.71 ug/L

RT: 7.723 min Scan# 1985

Delta R.T. -0.080 min

Lab File: VU043145.D

Acq: 16 Apr 2021 01:22

Tgt Ion: 43 Resp: 129766

Ion Ratio Lower Upper

43 100

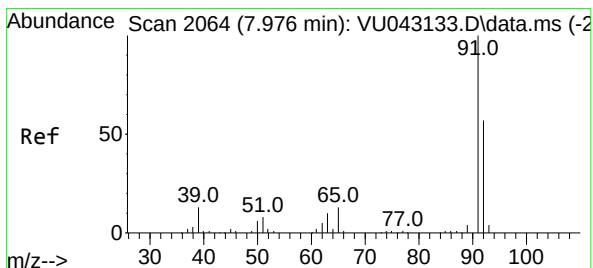
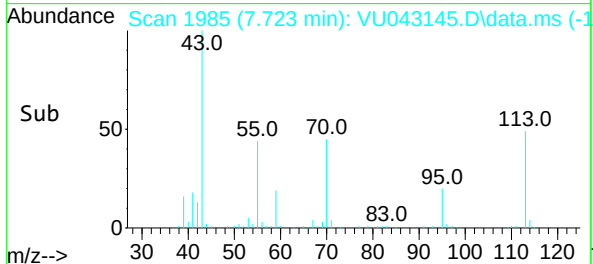
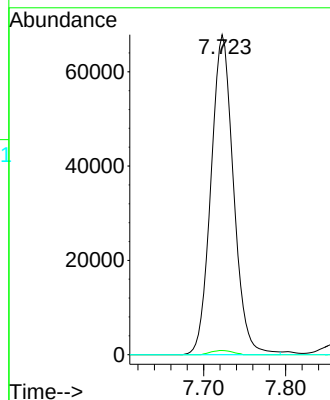
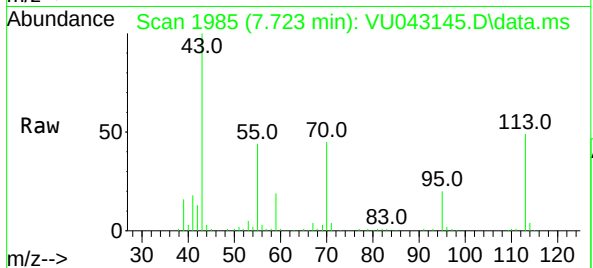
58 1.3 35.8 53.6#

100 0.0 15.1 22.7#

Instrument :

MSVOA_U

ClientSampled :



#42

Toluene

Concen: 0.08 ug/L

RT: 7.977 min Scan# 2064

Delta R.T. 0.000 min

Lab File: VU043145.D

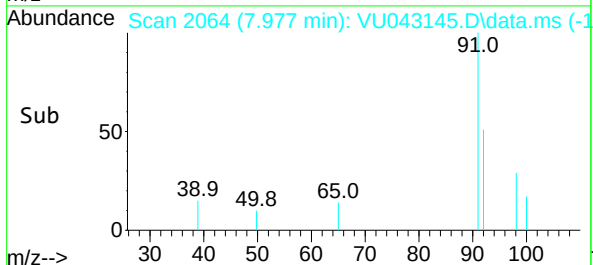
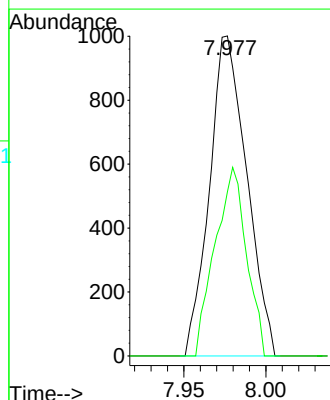
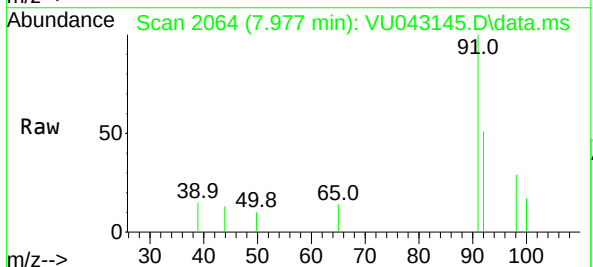
Acq: 16 Apr 2021 01:22

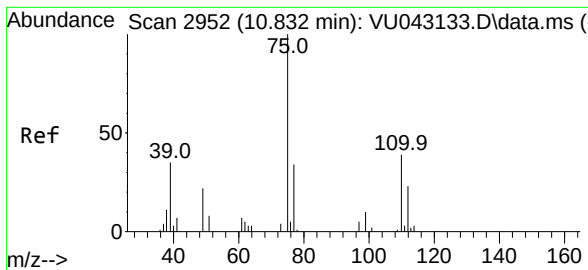
Tgt Ion: 91 Resp: 1579

Ion Ratio Lower Upper

91 100

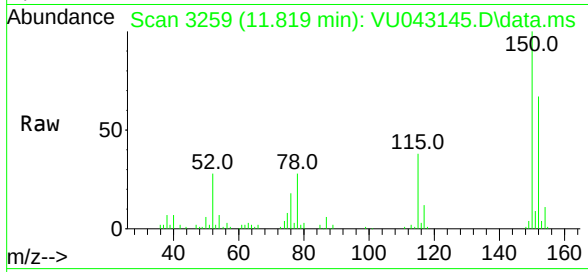
92 51.2 40.9 76.0





#61
 1,2,3-Trichloropropane
 Concen: 1.20 ug/L
 RT: 11.819 min Scan# 3259
 Delta R.T. 0.987 min
 Lab File: VU043145.D
 Acq: 16 Apr 2021 01:22

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 4130
 Ion Ratio Lower Upper
 75 100
 110 0.0 31.5 47.3#
 77 40.9 26.3 39.5#

