

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031221\
 Data File : VU042594.D
 Acq On : 12 Mar 2021 03:56
 Operator : SY/MD
 Sample : M1654-13
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0BB9

Quant Time: Mar 12 05:43:36 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR030221WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Mar 12 02:42:43 2021
 Response via : Initial Calibration

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

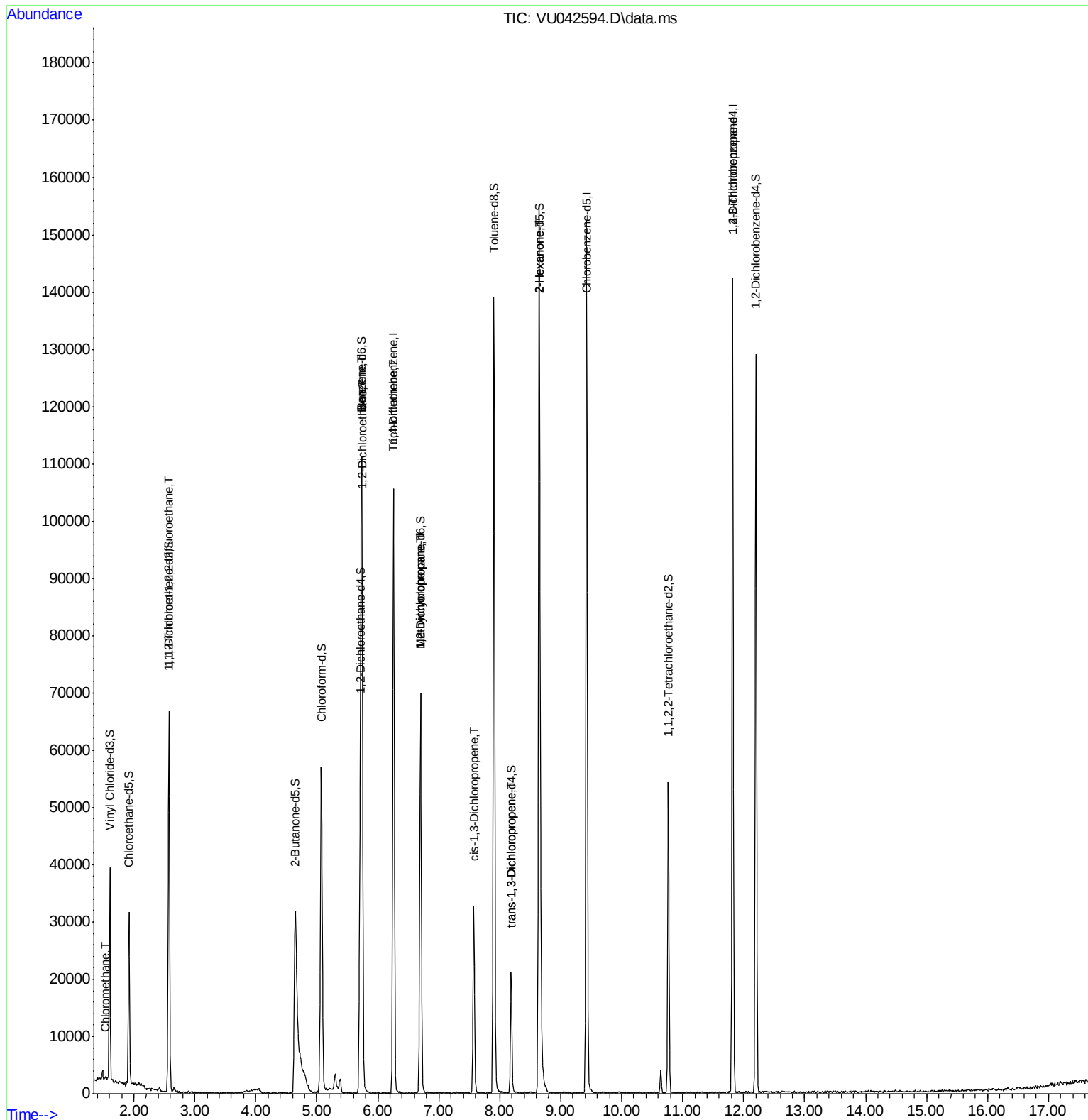
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	79898	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	78778	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.822	152	35418	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	24098	4.52	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.40%
7) Chloroethane-d5	1.919	69	20301	5.03	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.60%
11) 1,1-Dichloroethene-d2	2.575	63	40769	3.39	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.80%
20) 2-Butanone-d5	4.649	46	69408	39.69	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	79.38%
24) Chloroform-d	5.073	84	49412	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.80%
26) 1,2-Dichloroethane-d4	5.713	65	32857	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.40%
32) Benzene-d6	5.736	84	90678	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.80%
36) 1,2-Dichloropropane-d6	6.700	67	29524	4.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.80%
41) Toluene-d8	7.906	98	86757	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.00%
43) trans-1,3-Dichloroprop...	8.189	79	11260	3.87	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.40%
46) 2-Hexanone-d5	8.645	63	57486	41.24	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.48%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	24051	4.33	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.60%
64) 1,2-Dichlorobenzene-d4	12.201	152	32312	5.03	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.60%
Target Compounds						
3) Chloromethane	1.527	50	457	0.06	ug/L #	82
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	271	0.04	ug/L #	18
27) 1,2-Dichloroethane	5.742	62	455	0.05	ug/L #	75
33) Benzene	5.732	78	784	0.03	ug/L	100
34) Trichloroethene	6.260	95	1217	0.18	ug/L #	5
35) Methylcyclohexane	6.700	83	6962	0.67	ug/L #	15
37) 1,2-Dichloropropane	6.700	63	3699	0.56	ug/L #	87
39) cis-1,3-Dichloropropene	7.575	75	791	0.08	ug/L #	48
44) trans-1,3-Dichloropropene	8.186	75	496	0.06	ug/L #	59
48) 2-Hexanone	8.645	43	8970	2.10	ug/L #	68
59) 1,2,3-Trichloropropane	11.822	75	4415	0.88	ug/L	90

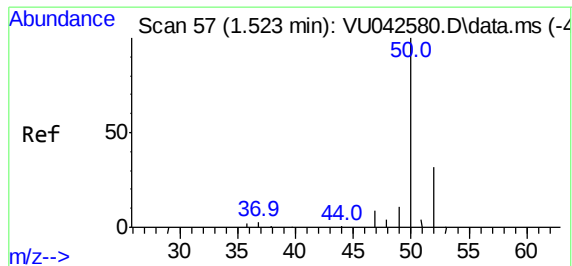
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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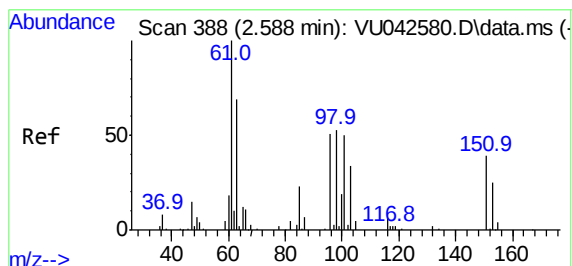
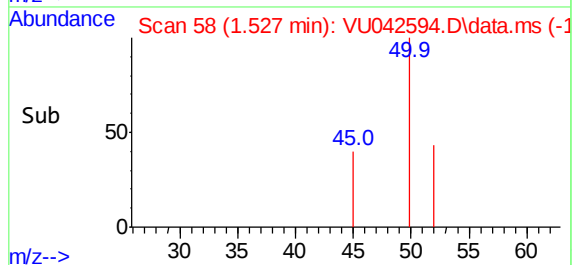
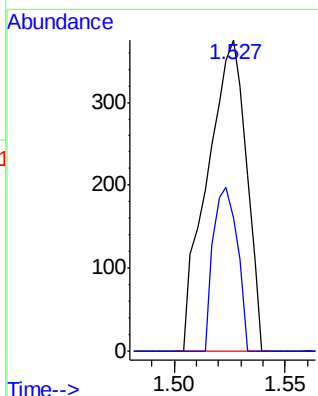
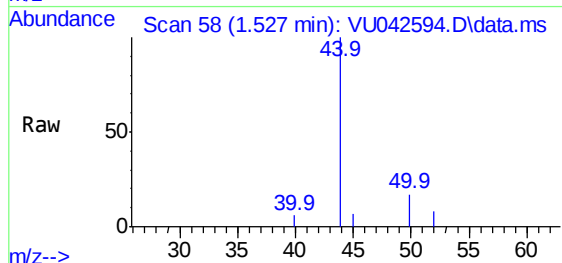




#3
Chloromethane
Concen: 0.06 ug/L
RT: 1.527 min Scan# 58
Delta R.T. 0.003 min
Lab File: VU042594.D
Acq: 12 Mar 2021 03:56

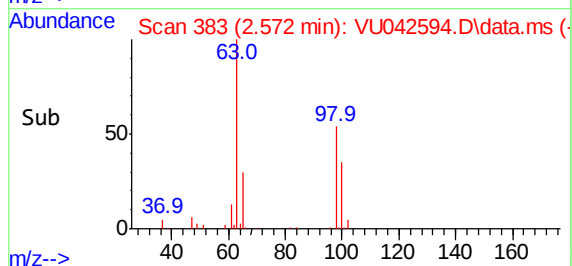
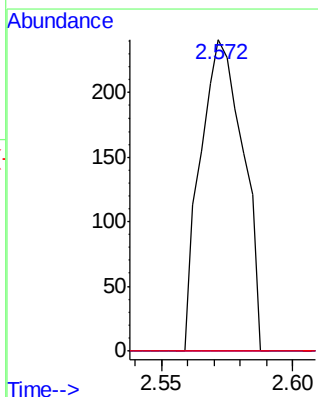
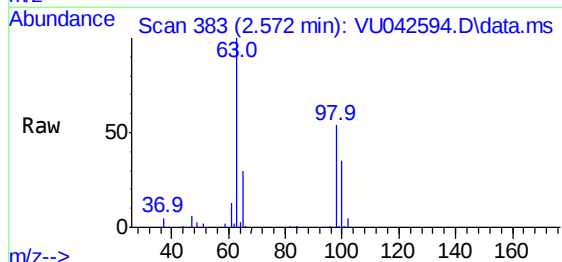
Instrument :
MSVOA_U
ClientSampleId :
C0BB9

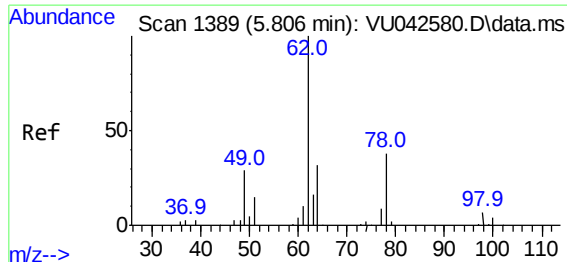
Tgt Ion: 50 Resp: 457
Ion Ratio Lower Upper
50 100
52 42.9 23.0 42.8#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.04 ug/L
RT: 2.572 min Scan# 383
Delta R.T. -0.016 min
Lab File: VU042594.D
Acq: 12 Mar 2021 03:56

Tgt Ion: 101 Resp: 271
Ion Ratio Lower Upper
101 100
85 0.0 34.6 51.8#
151 0.0 62.7 94.1#

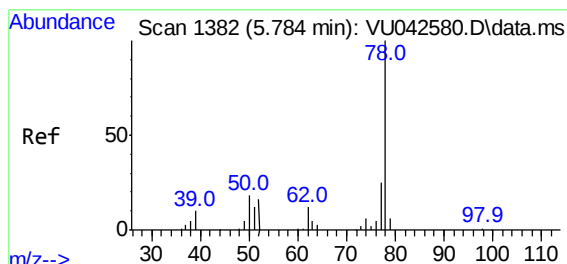
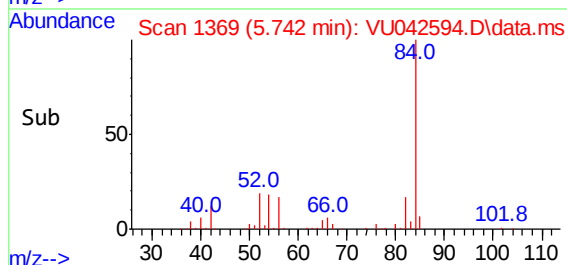
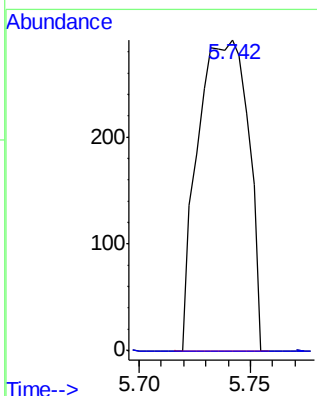
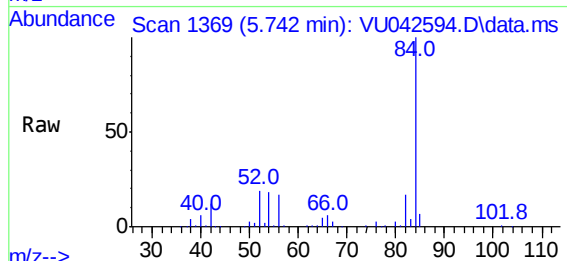




#27
1,2-Dichloroethane
Concen: 0.05 ug/L
RT: 5.742 min Scan# 1369
Delta R.T. -0.064 min
Lab File: VU042594.D
Acq: 12 Mar 2021 03:56

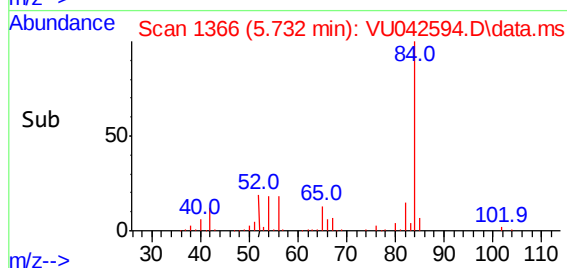
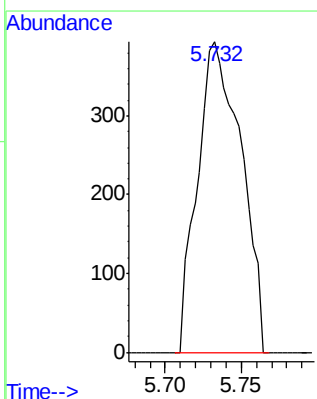
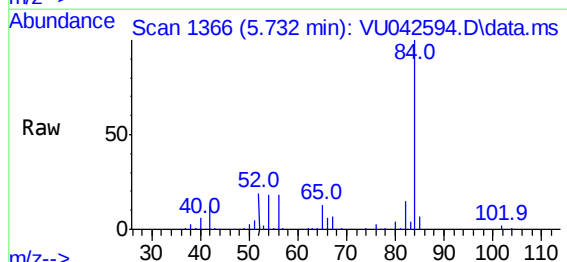
Instrument :
MSVOA_U
ClientSampleId :
C0BB9

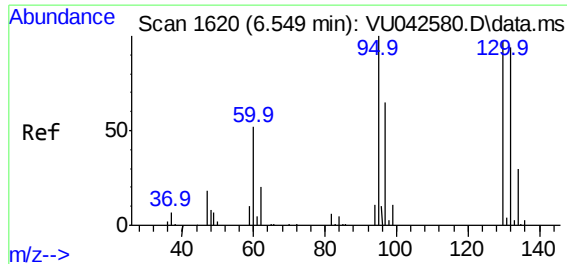
Tgt Ion: 62 Resp: 455
Ion Ratio Lower Upper
62 100
98 0.0 7.3 10.9#



#33
Benzene
Concen: 0.03 ug/L
RT: 5.732 min Scan# 1366
Delta R.T. -0.051 min
Lab File: VU042594.D
Acq: 12 Mar 2021 03:56

Tgt Ion: 78 Resp: 784





#34

Trichloroethene

Concen: 0.18 ug/L

RT: 6.260 min Scan# 1530

Delta R.T. -0.289 min

Lab File: VU042594.D

Acq: 12 Mar 2021 03:56

Instrument :

MSVOA_U

ClientSampleId :

C0BB9

Tgt Ion: 95 Resp: 1217

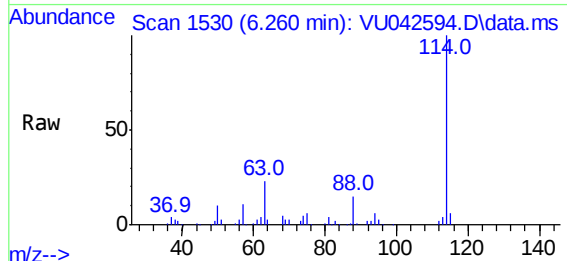
Ion Ratio Lower Upper

95 100

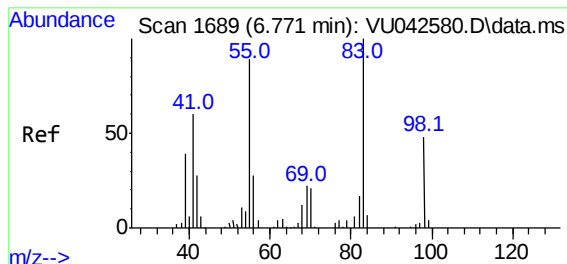
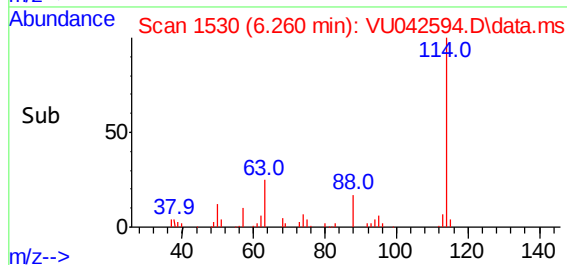
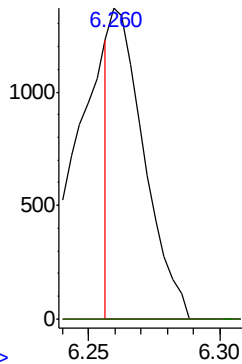
97 0.0 44.4 82.4#

132 0.0 68.0 126.4#

130 0.0 69.2 128.4#



Abundance



#35

Methylcyclohexane

Concen: 0.67 ug/L

RT: 6.700 min Scan# 1667

Delta R.T. -0.071 min

Lab File: VU042594.D

Acq: 12 Mar 2021 03:56

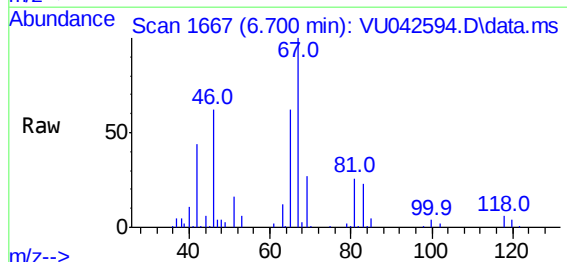
Tgt Ion: 83 Resp: 6962

Ion Ratio Lower Upper

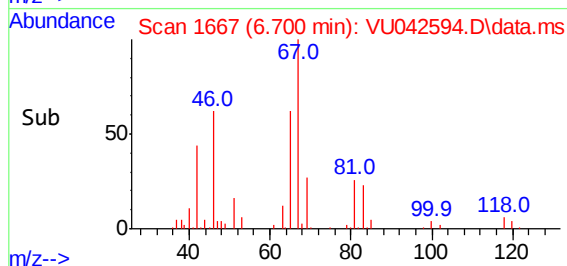
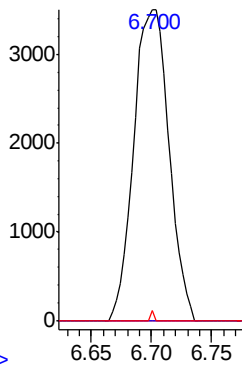
83 100

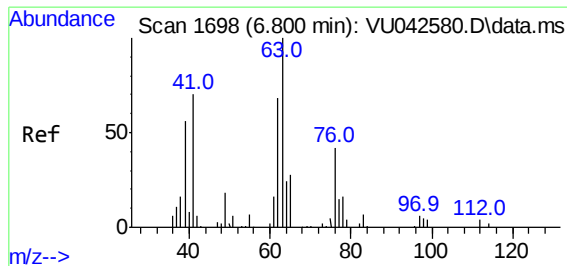
55 0.0 68.2 102.4#

98 0.3 39.7 59.5#



Abundance

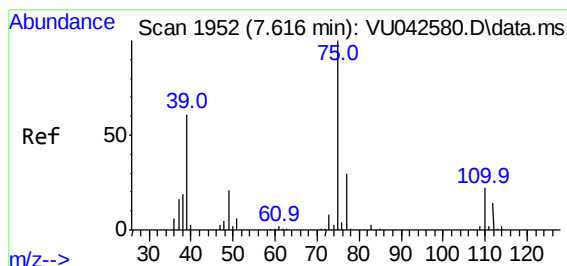
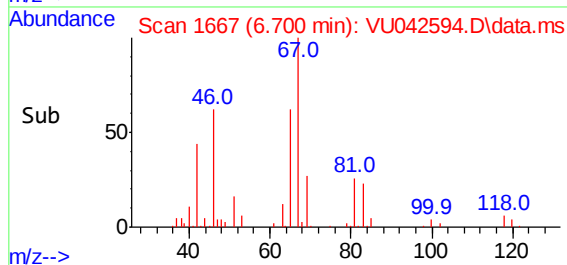
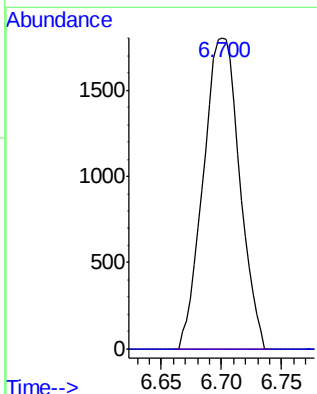
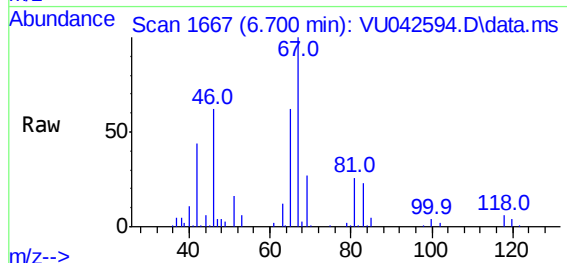




#37
1,2-Dichloropropane
Concen: 0.56 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU042594.D
Acq: 12 Mar 2021 03:56

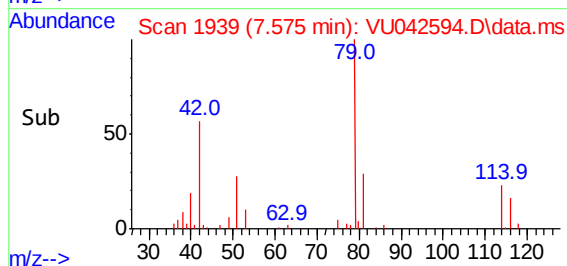
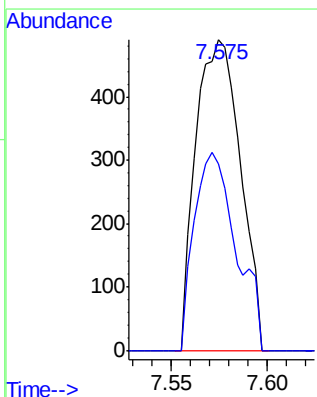
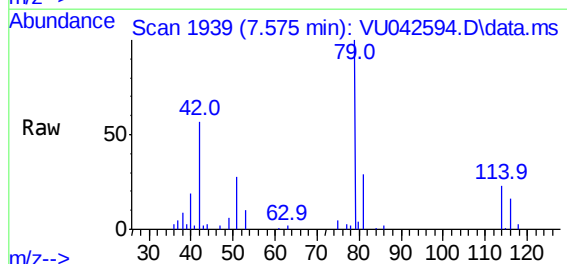
Instrument :
MSVOA_U
ClientSampled :
C0BB9

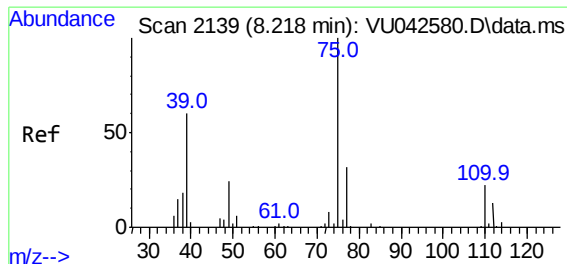
Tgt Ion: 63 Resp: 3699
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



#39
cis-1,3-Dichloropropene
Concen: 0.08 ug/L
RT: 7.575 min Scan# 1939
Delta R.T. -0.042 min
Lab File: VU042594.D
Acq: 12 Mar 2021 03:56

Tgt Ion: 75 Resp: 791
Ion Ratio Lower Upper
75 100
77 60.2 22.0 40.8#

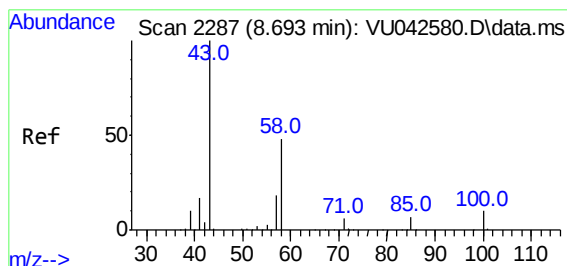
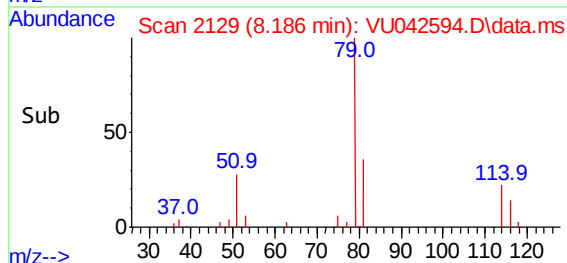
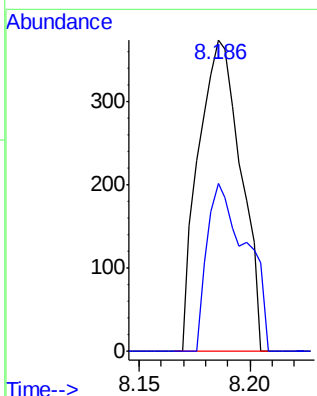
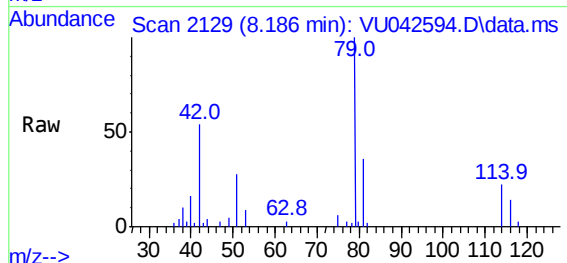




#44
trans-1,3-Dichloropropene
Concen: 0.06 ug/L
RT: 8.186 min Scan# 2129
Delta R.T. -0.032 min
Lab File: VU042594.D
Acq: 12 Mar 2021 03:56

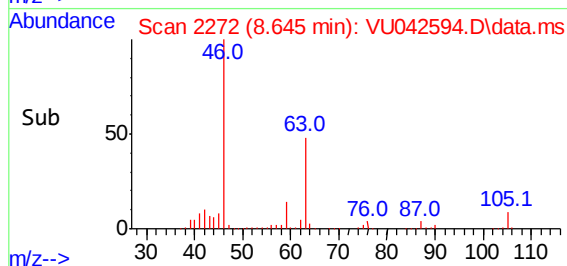
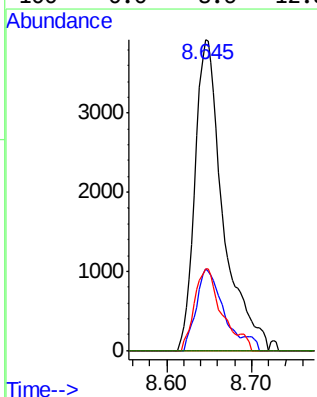
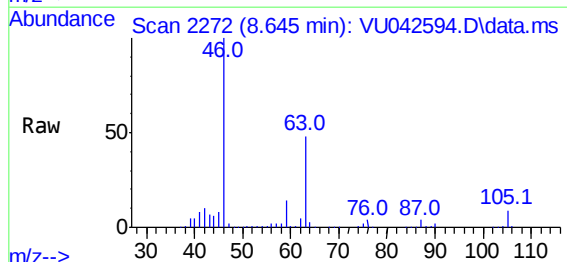
Instrument :
MSVOA_U
ClientSampled :
C0BB9

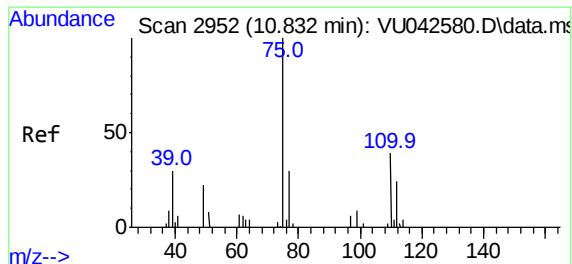
Tgt Ion: 75 Resp: 496
Ion Ratio Lower Upper
75 100
77 53.7 21.8 40.4#



#48
2-Hexanone
Concen: 2.10 ug/L
RT: 8.645 min Scan# 2272
Delta R.T. -0.048 min
Lab File: VU042594.D
Acq: 12 Mar 2021 03:56

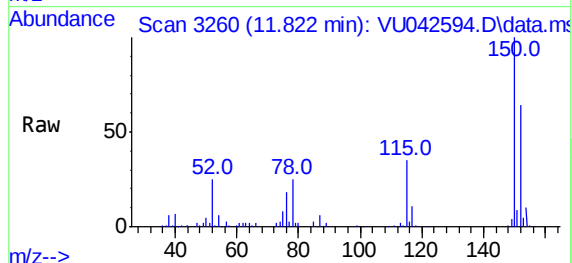
Tgt Ion: 43 Resp: 8970
Ion Ratio Lower Upper
43 100
58 24.3 40.6 61.0#
57 25.8 14.9 22.3#
100 0.0 8.6 12.8#





#59
 1,2,3-Trichloropropane
 Concen: 0.88 ug/L
 RT: 11.822 min Scan# 3260
 Delta R.T. 0.990 min
 Lab File: VU042594.D
 Acq: 12 Mar 2021 03:56

Instrument :
 MSVOA_U
 ClientSampleId :
 C0BB9



Tgt Ion: 75 Resp: 4415
 Ion Ratio Lower Upper
 75 100
 77 38.1 26.0 39.0

