

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU063020\
 Data File : VU039267.D
 Acq On : 01 Jul 2020 08:06
 Operator : SY/MD
 Sample : L3134-07MS
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETYK5MS

Quant Time: Jul 01 10:38:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR063020WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jul 01 08:49:01 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	194602	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	200010	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	97927	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	77066	5.74	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	114.80%
7) Chloroethane-d5	1.93	69	63252	5.23	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.60%
11) 1,1-Dichloroethene-d2	2.59	63	134125	5.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	101.80%
20) 2-Butanone-d5	4.67	46	163777	30.10	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	60.20%
24) Chloroform-d	5.10	84	120555	4.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.20%
26) 1,2-Dichloroethane-d4	5.74	65	73892	4.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.60%
32) Benzene-d6	5.76	84	225610	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.60%
36) 1,2-Dichloropropane-d6	6.72	67	89482	5.21	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.20%
41) Toluene-d8	7.92	98	182852	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.60%
43) trans-1,3-Dichloropropene-	8.20	79	29626	3.83	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.60%
46) 2-Hexanone-d5	8.66	63	112332	28.26	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	56.52%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	56695	3.37	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	67.40%
64) 1,2-Dichlorobenzene-d4	12.20	152	81713	4.60	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.00%

Target Compounds

					Qvalue
5) Vinyl chloride	1.62	62	28811	1.498 ug/L	96
12) 1,1-Dichloroethene	2.61	96	68838	4.968 ug/L	91
13) Acetone	2.67	43	7908	2.384 ug/L	89
18) trans-1,2-Dichloroethene	3.39	96	1275	0.090 ug/L #	71
22) cis-1,2-Dichloroethene	4.70	96	45909	3.061 ug/L	95
27) 1,2-Dichloroethane	5.81	62	3048	0.147 ug/L #	76
33) Benzene	5.81	78	301983	5.147 ug/L	100
34) Trichloroethene	6.57	95	90362	5.859 ug/L	97
35) Methylcyclohexane	6.72	83	20701	0.898 ug/L #	17
37) 1,2-Dichloropropane	6.72	63	10769	0.679 ug/L #	86
39) cis-1,3-Dichloropropene	7.59	75	2117	0.094 ug/L #	60
42) Toluene	7.99	91	300172	4.992 ug/L	100
48) 2-Hexanone	8.70	43	9437	1.028 ug/L #	93
51) Chlorobenzene	9.47	112	200722	5.108 ug/L	97
59) 1,2,3-Trichloropropane	11.82	75	14459	1.178 ug/L #	81

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Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jul 01 08:49:01 2020
Response via : Initial Calibration

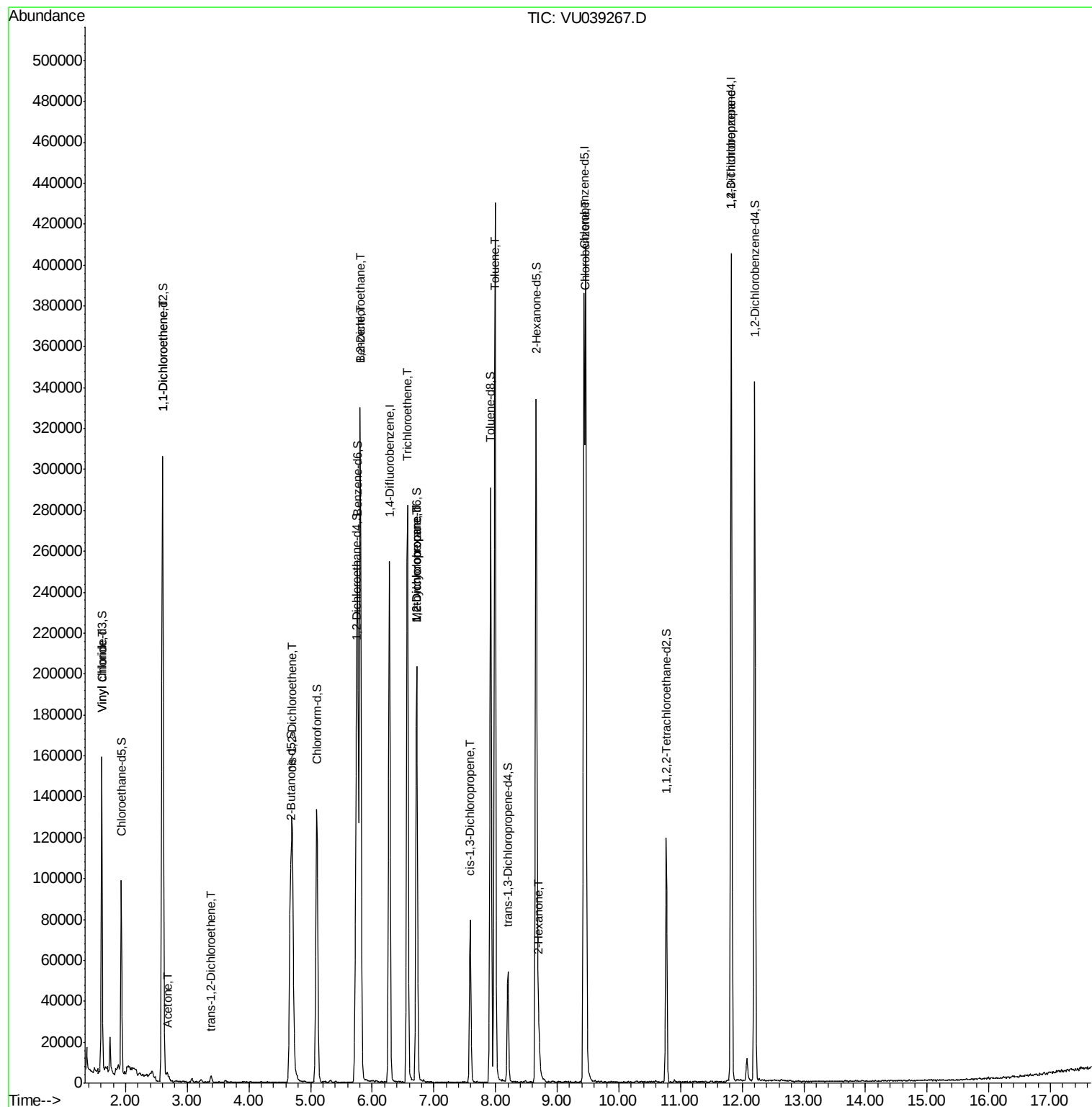
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

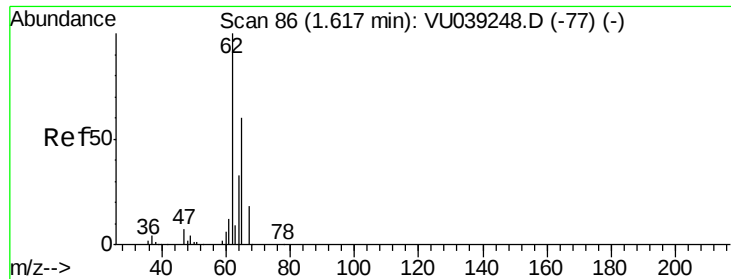
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_U\DATA\VU063020\
Data File : VU039267.D
Acq On : 01 Jul 2020 08:06
Operator : SY/MD
Sample : L3134-07MS
Misc : 25.0mL/MSVOA_U/WATER
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Response via : Initial Calibration





#5

Vinyl chloride

Concen: 1.498 ug/L

RT: 1.62 min Scan# 86

Delta R.T. 0.00 min

Lab File: VU039267.D

Acq: 01 Jul 2020 08:06

Instrument :

MSVOA_U

ClientSampleId :

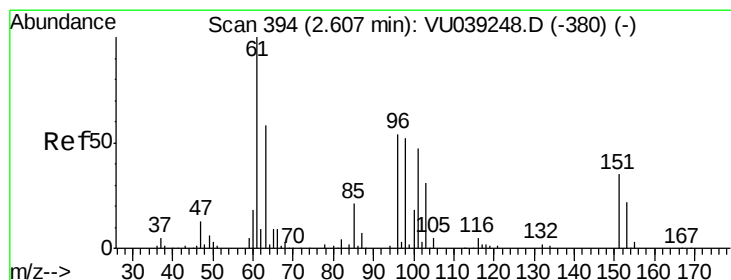
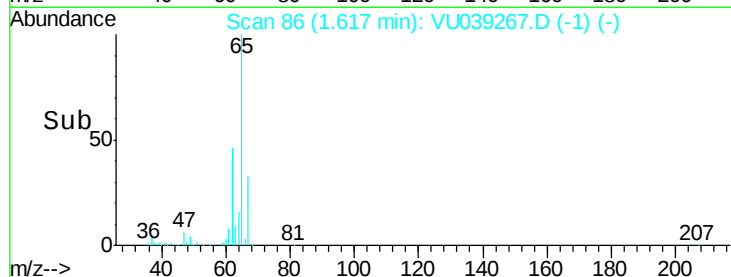
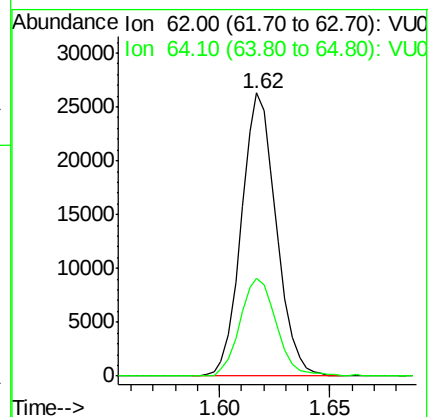
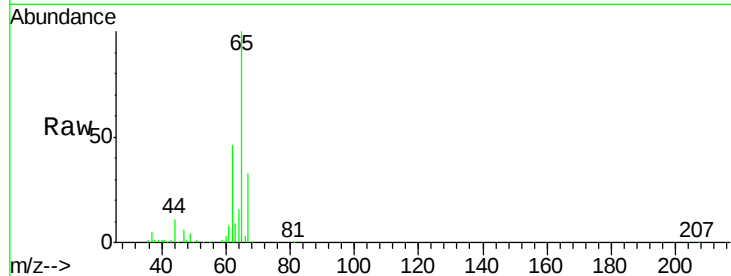
ETVK5MS

Tgt Ion: 62 Resp: 28811

Ion Ratio Lower Upper

62 100

64 34.7 22.8 42.4



#12

1,1-Dichloroethene

Concen: 4.968 ug/L

RT: 2.61 min Scan# 394

Delta R.T. 0.00 min

Lab File: VU039267.D

Acq: 01 Jul 2020 08:06

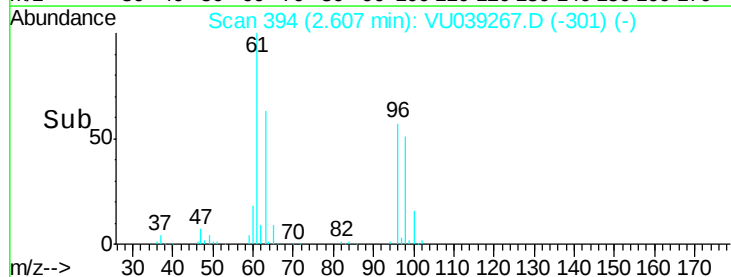
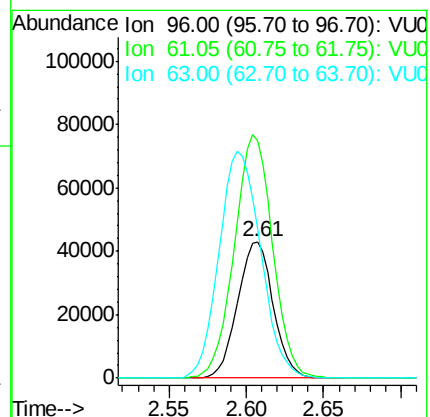
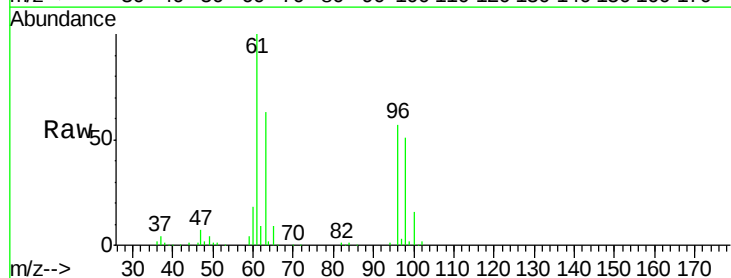
Tgt Ion: 96 Resp: 68838

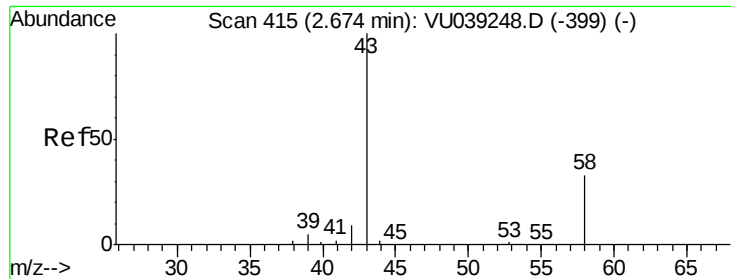
Ion Ratio Lower Upper

96 100

61 174.3 129.1 239.7

63 108.9 85.5 158.7





#13

Acetone

Concen: 2.384 ug/L

RT: 2.67 min Scan# 415

Delta R.T. 0.00 min

Lab File: VU039267.D

Acq: 01 Jul 2020 08:06

Instrument :

MSVOA_U

ClientSampleId :

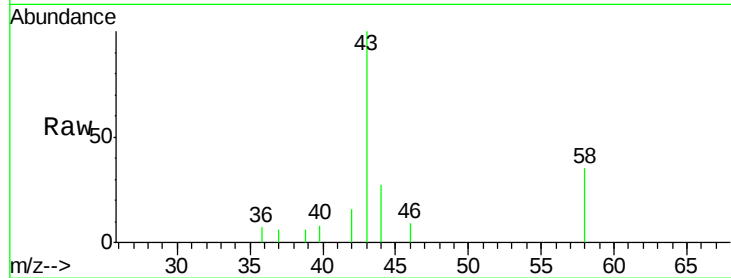
ETVK5MS

Tgt Ion: 43 Resp: 7908

Ion Ratio Lower Upper

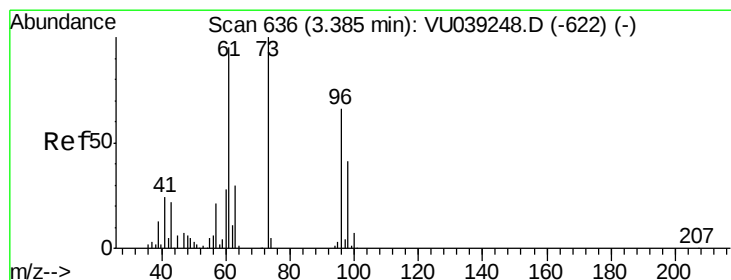
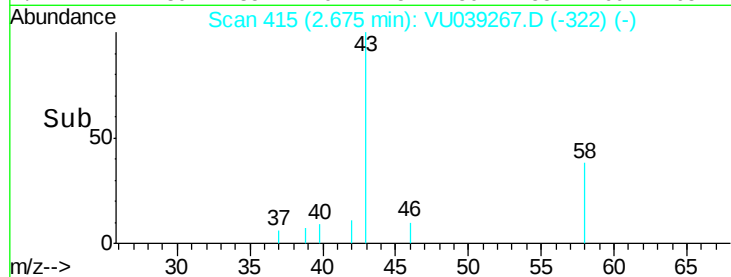
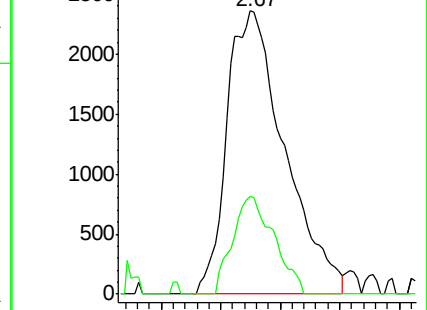
43 100

58 24.7 0.0 61.0



Abundance Ion 43.05 (42.75 to 43.75): VU039267.D (-322) (-)

Ion 58.05 (57.75 to 58.75): VU039267.D (-322) (-)



#18

trans-1,2-Dichloroethene

Concen: 0.090 ug/L

RT: 3.39 min Scan# 639

Delta R.T. 0.01 min

Lab File: VU039267.D

Acq: 01 Jul 2020 08:06

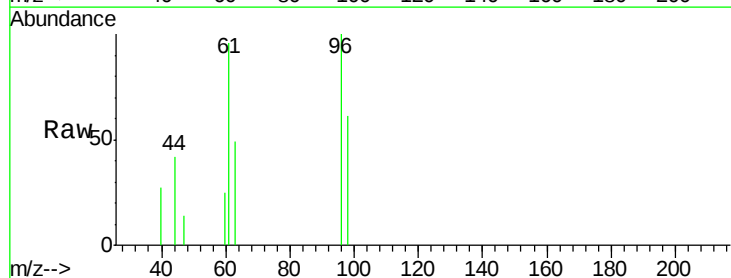
Tgt Ion: 96 Resp: 1275

Ion Ratio Lower Upper

96 100

61 96.5 103.3 191.8#

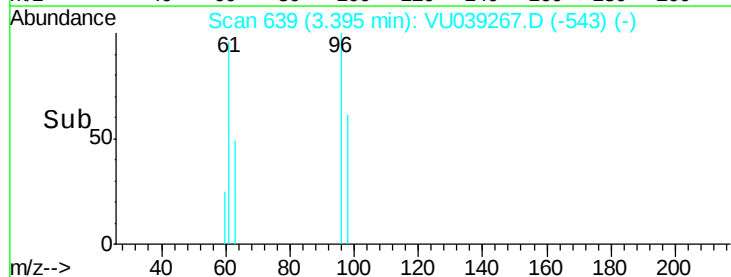
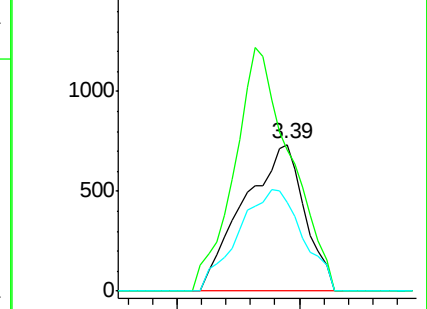
98 60.6 44.0 81.8

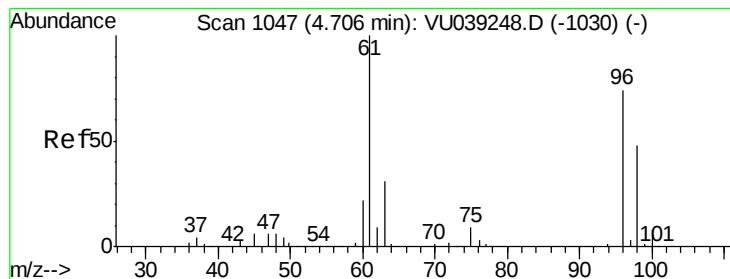


Abundance Ion 96.00 (95.70 to 96.70): VU039267.D (-543) (-)

Ion 61.05 (60.75 to 61.75): VU039267.D (-543) (-)

Ion 97.95 (97.65 to 98.65): VU039267.D (-543) (-)





#22

cis-1,2-Dichloroethene

Concen: 3.061 ug/L

RT: 4.70 min Scan# 1046

Delta R.T. -0.00 min

Lab File: VU039267.D

Acq: 01 Jul 2020 08:06

Instrument :

MSVOA_U

ClientSampleId :

ETVK5MS

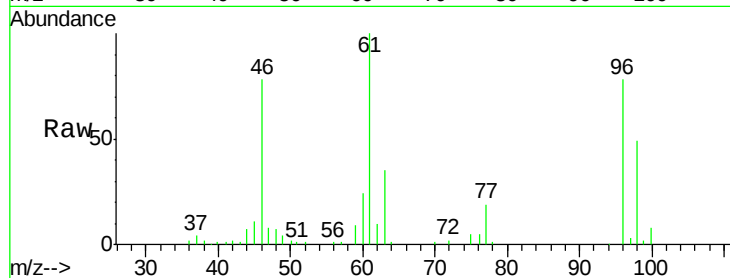
Tgt Ion: 96 Resp: 45909

Ion Ratio Lower Upper

96 100

61 128.1 94.2 175.0

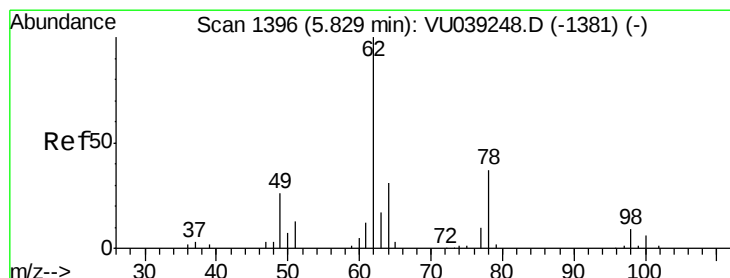
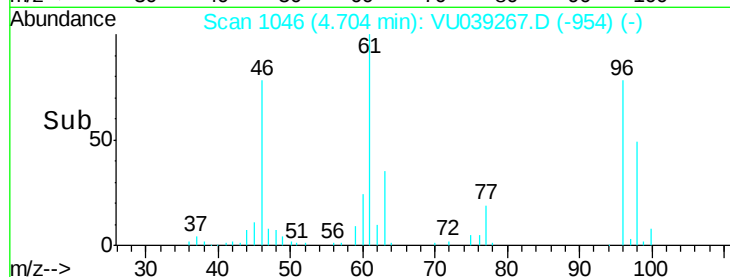
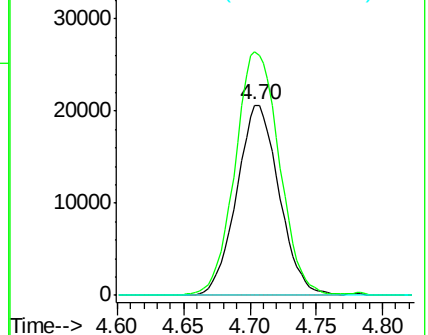
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU039267.D (-1303) (-)

Ion 61.05 (60.75 to 61.75): VU039267.D (-1303) (-)

Ion 68.15 (67.85 to 68.85): VU039267.D (-1303) (-)



#27

1,2-Dichloroethane

Concen: 0.147 ug/L

RT: 5.81 min Scan# 1389

Delta R.T. -0.02 min

Lab File: VU039267.D

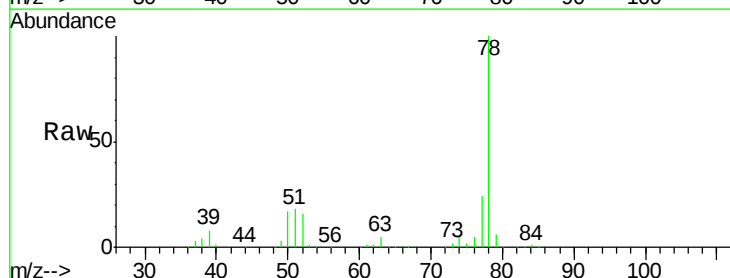
Acq: 01 Jul 2020 08:06

Tgt Ion: 62 Resp: 3048

Ion Ratio Lower Upper

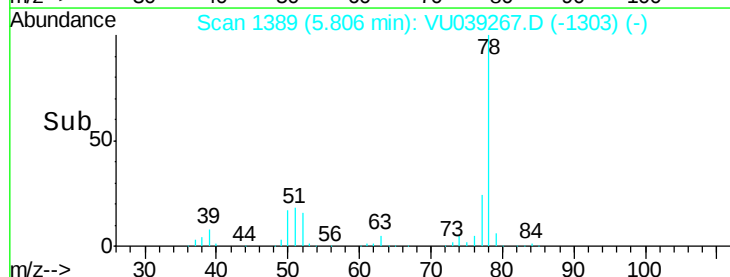
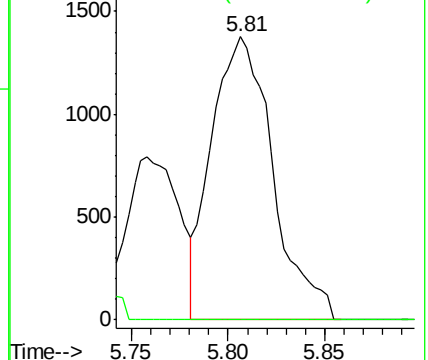
62 100

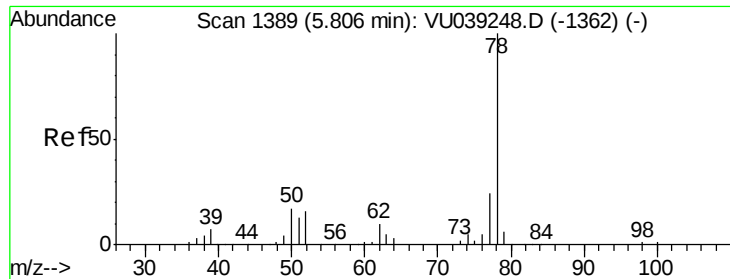
98 0.0 6.8 10.2#



Abundance Ion 62.00 (61.70 to 62.70): VU039267.D (-1303) (-)

Ion 98.05 (97.75 to 98.75): VU039267.D (-1303) (-)





#33

Benzene

Concen: 5.147 ug/L

RT: 5.81 min Scan# 1389

Delta R.T. 0.00 min

Lab File: VU039267.D

Acq: 01 Jul 2020 08:06

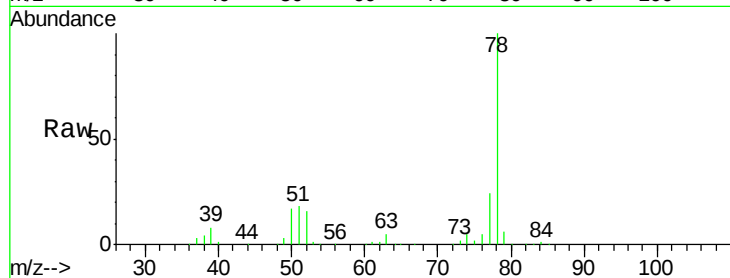
Instrument :

MSVOA_U

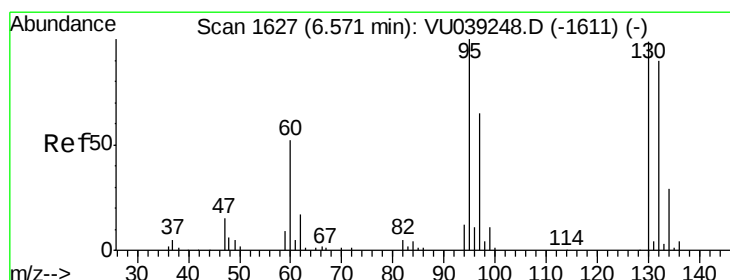
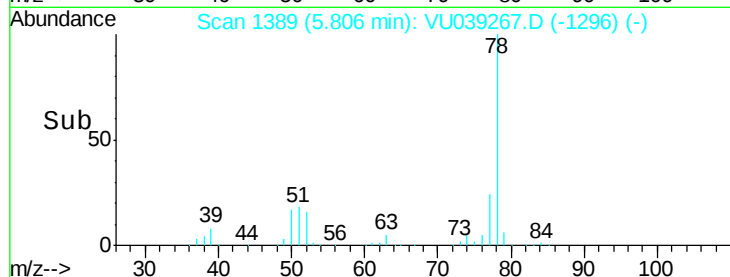
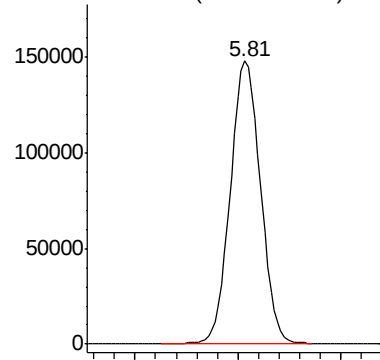
ClientSampleId :

ETVK5MS

Tgt Ion: 78 Resp: 301983



Abundance Ion 78.10 (77.80 to 78.80): VU0



#34

Trichloroethene

Concen: 5.859 ug/L

RT: 6.57 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VU039267.D

Acq: 01 Jul 2020 08:06

Tgt Ion: 95 Resp: 90362

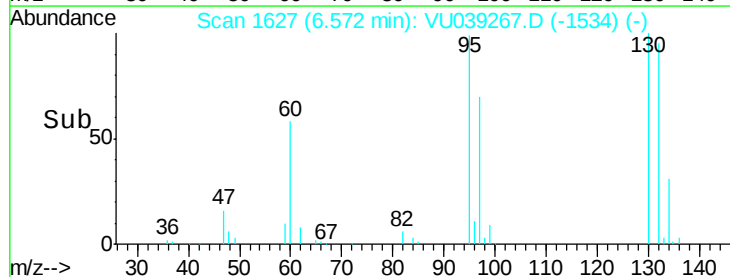
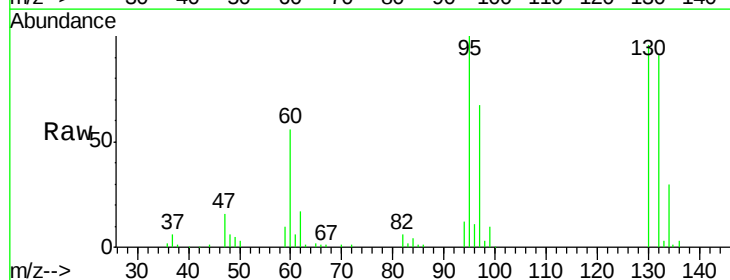
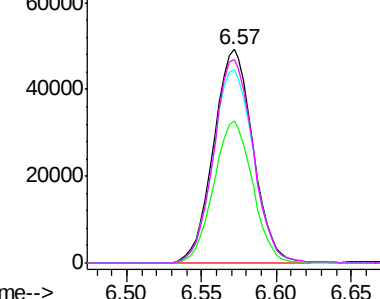
Ion	Ratio	Lower	Upper
95	100		
97	66.7	44.0	81.8
132	90.6	64.9	120.5
130	95.5	68.7	127.5

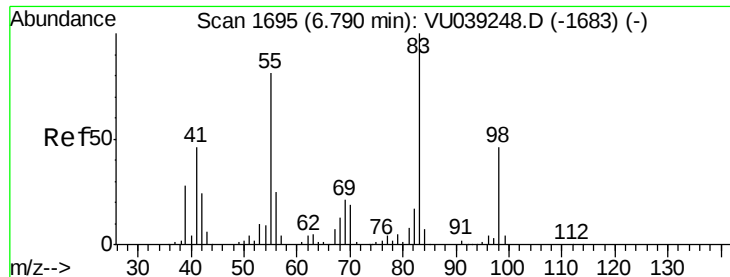
Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V

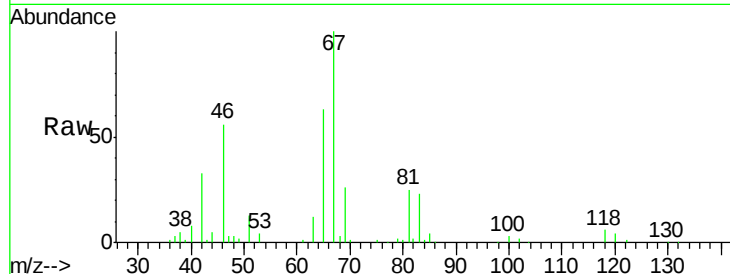




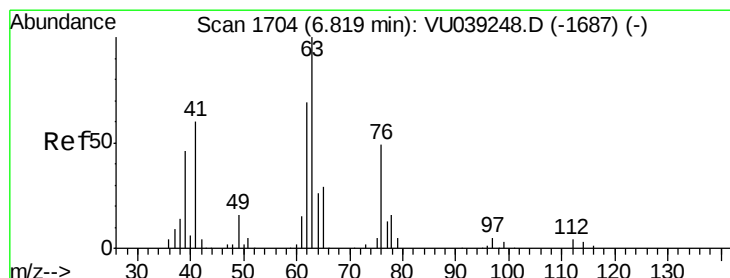
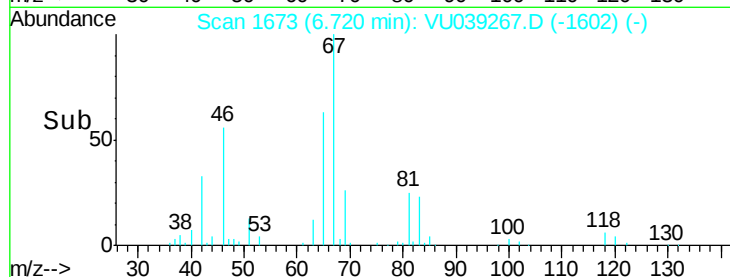
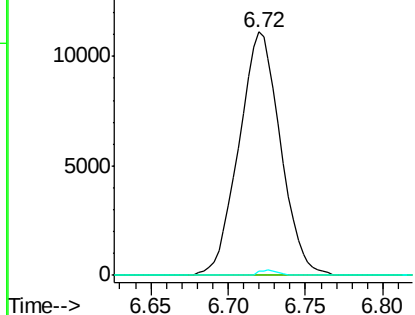
#35
Methylcyclohexane
Concen: 0.898 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.07 min
Lab File: VU039267.D
Acq: 01 Jul 2020 08:06

Instrument :
MSVOA_U
ClientSampleId :
ETYK5MS

Tgt Ion: 83 Resp: 20701
Ion Ratio Lower Upper
83 100
55 0.0 64.4 96.6#
98 1.0 37.9 56.9#

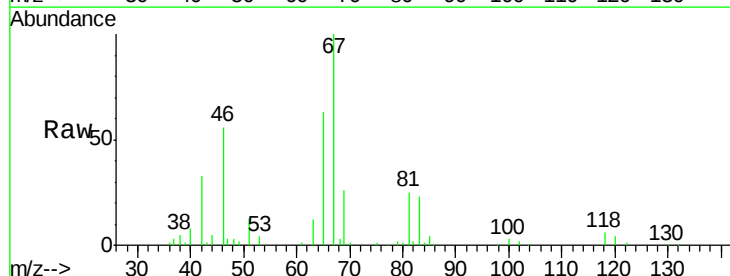


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

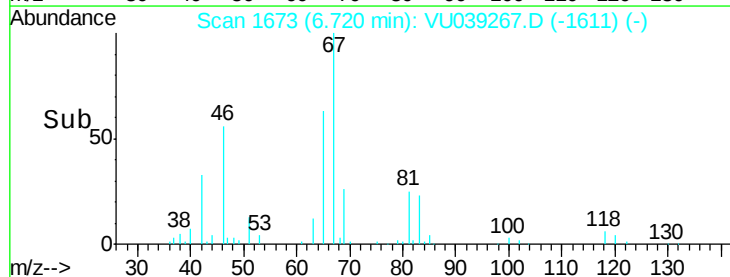
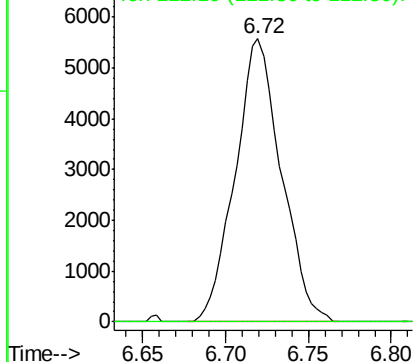


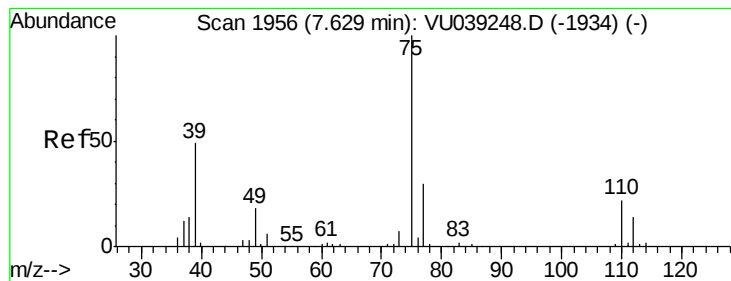
#37
1,2-Dichloropropane
Concen: 0.679 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.10 min
Lab File: VU039267.D
Acq: 01 Jul 2020 08:06

Tgt Ion: 63 Resp: 10769
Ion Ratio Lower Upper
63 100
112 0.0 3.6 5.4#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V



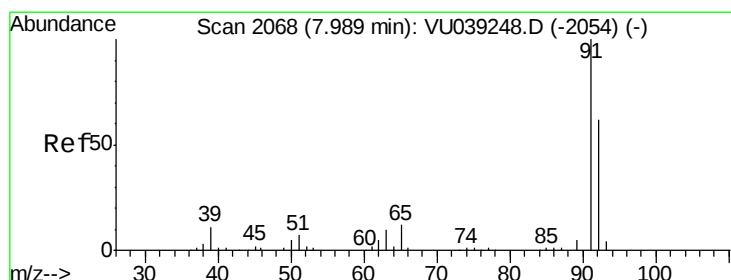
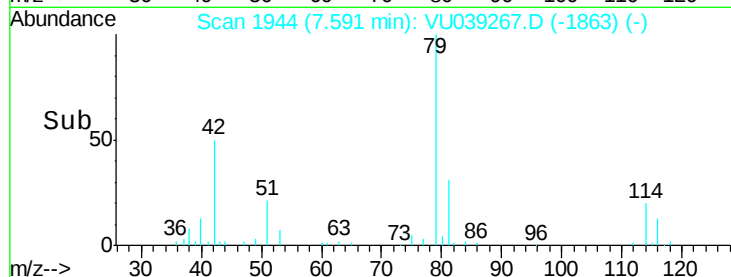
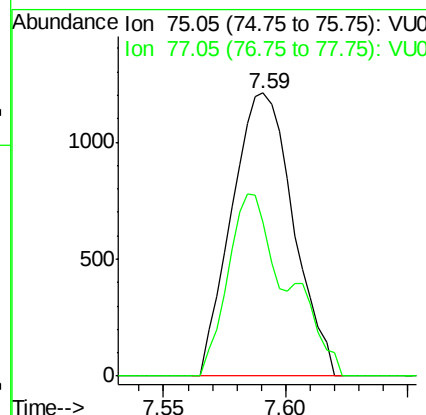
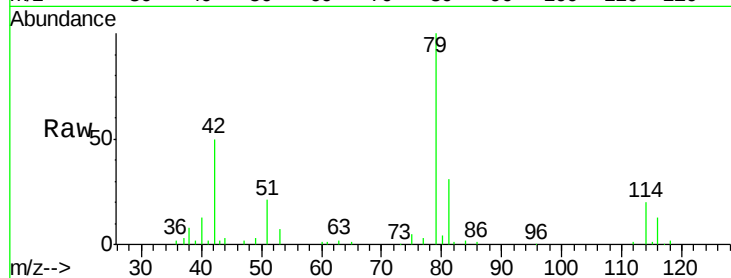


#39

cis-1,3-Dichloropropene
 Concen: 0.094 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.04 min
 Lab File: VU039267.D
 Acq: 01 Jul 2020 08:06

Instrument :
 MSVOA_U
 ClientSampleId :
 ETYK5MS

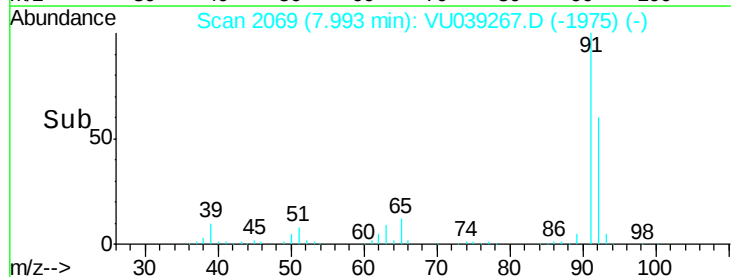
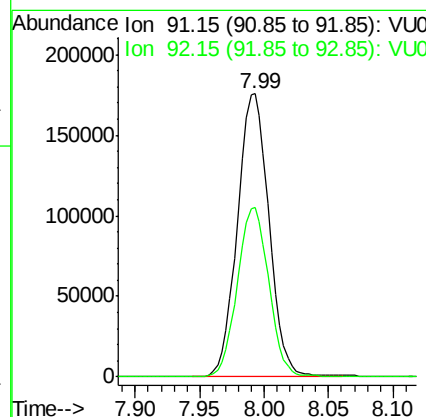
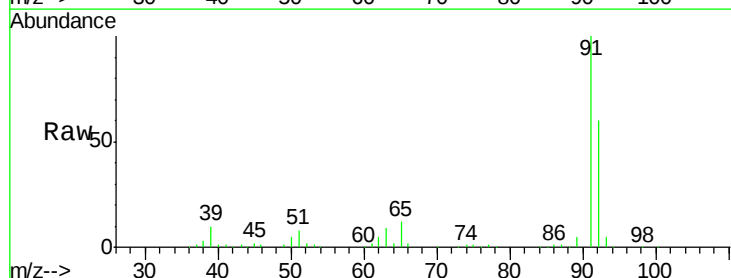
Tgt Ion: 75 Resp: 2117
 Ion Ratio Lower Upper
 75 100
 77 54.3 22.5 41.7#

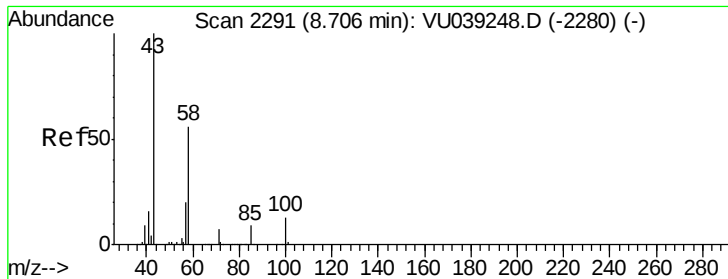


#42

Toluene
 Concen: 4.992 ug/L
 RT: 7.99 min Scan# 2069
 Delta R.T. 0.00 min
 Lab File: VU039267.D
 Acq: 01 Jul 2020 08:06

Tgt Ion: 91 Resp: 300172
 Ion Ratio Lower Upper
 91 100
 92 59.7 41.7 77.5

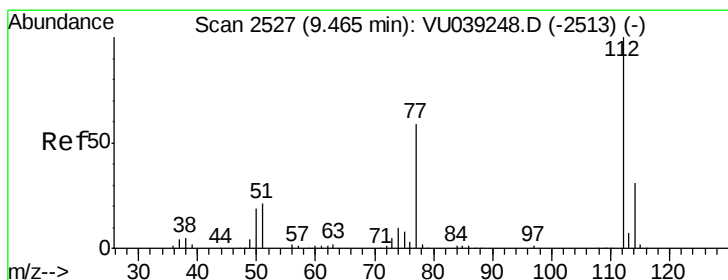
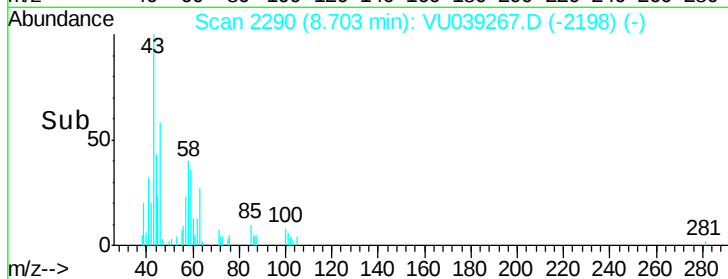
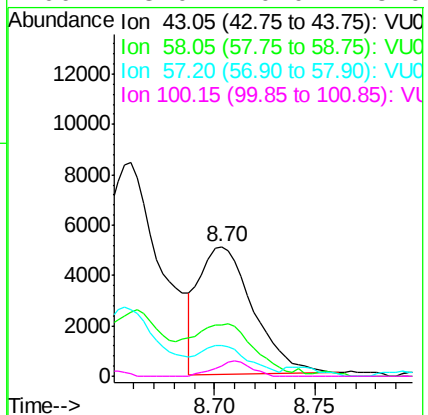
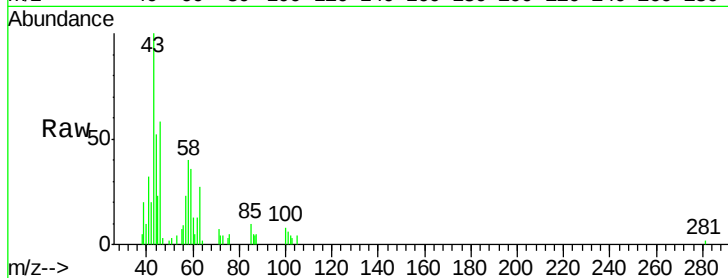




#48
2-Hexanone
Concen: 1.028 ug/L
RT: 8.70 min Scan# 2290
Delta R.T. -0.00 min
Lab File: VU039267.D
Acq: 01 Jul 2020 08:06

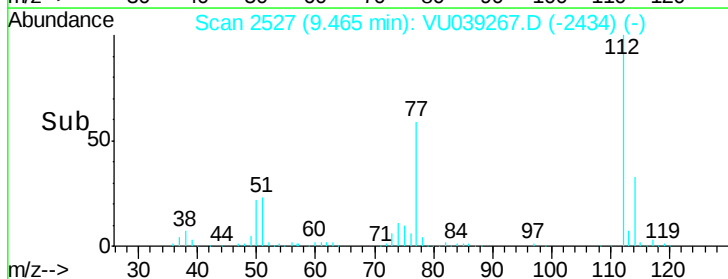
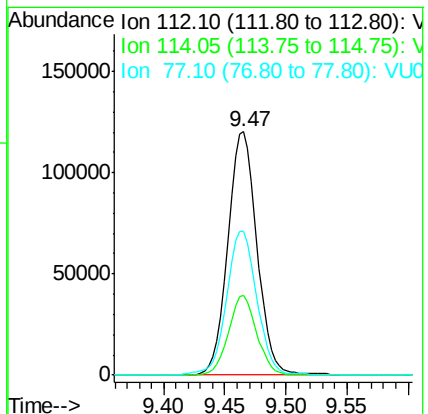
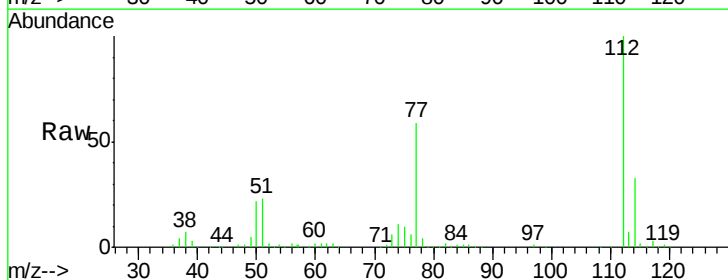
Instrument :
MSVOA_U
ClientSampleId :
ETYK5MS

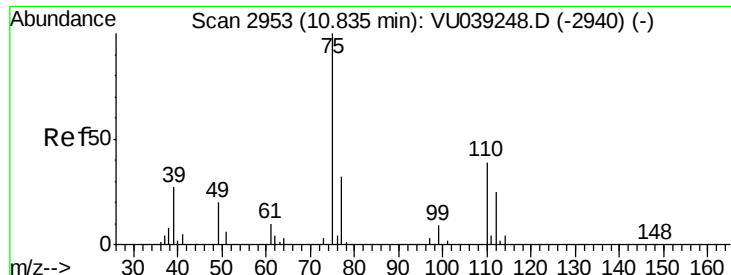
Tgt Ion: 43 Resp: 9437
Ion Ratio Lower Upper
43 100
58 49.3 43.6 65.4
57 21.9 15.5 23.3
100 8.0 10.0 15.0#



#51
Chlorobenzene
Concen: 5.108 ug/L
RT: 9.47 min Scan# 2527
Delta R.T. 0.00 min
Lab File: VU039267.D
Acq: 01 Jul 2020 08:06

Tgt Ion: 112 Resp: 200722
Ion Ratio Lower Upper
112 100
114 32.8 22.8 42.4
77 59.0 49.7 74.5





#59

1,2,3-Trichloropropane

Concen: 1.178 ug/L

RT: 11.82 min Scan# 3260

Delta R.T. 0.99 min

Lab File: VU039267.D

Acq: 01 Jul 2020 08:06

Instrument :

MSVOA_U

ClientSampleId :

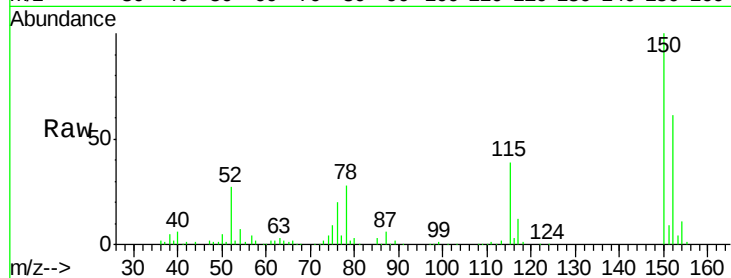
ETYK5MS

Tgt Ion: 75 Resp: 14459

Ion Ratio Lower Upper

75 100

77 41.1 24.6 36.8#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

