

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070820\
 Data File : VU039367.D
 Acq On : 09 Jul 2020 00:02
 Operator : SY/MD
 Sample : L3243-11
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F4A75

Quant Time: Jul 09 05:52:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jul 09 05:48:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	104208	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	98167	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	45602	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	26890	4.45	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.00%
7) Chloroethane-d5	1.93	69	30076	4.87	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.40%
11) 1,1-Dichloroethene-d2	2.58	63	43910	3.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.00%
20) 2-Butanone-d5	4.66	46	160027	57.91	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.82%
24) Chloroform-d	5.08	84	67181	5.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.40%
26) 1,2-Dichloroethane-d4	5.72	65	43452	5.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.60%
32) Benzene-d6	5.75	84	130946	5.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.80%
36) 1,2-Dichloropropane-d6	6.71	67	45204	5.44	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.80%
41) Toluene-d8	7.91	98	116250	5.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	113.40%
43) trans-1,3-Dichloropropene-	8.19	79	18535	5.06	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.20%
46) 2-Hexanone-d5	8.64	63	115702	53.20	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.40%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	43431	5.28	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	46975	5.77	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	115.40%

Target Compounds

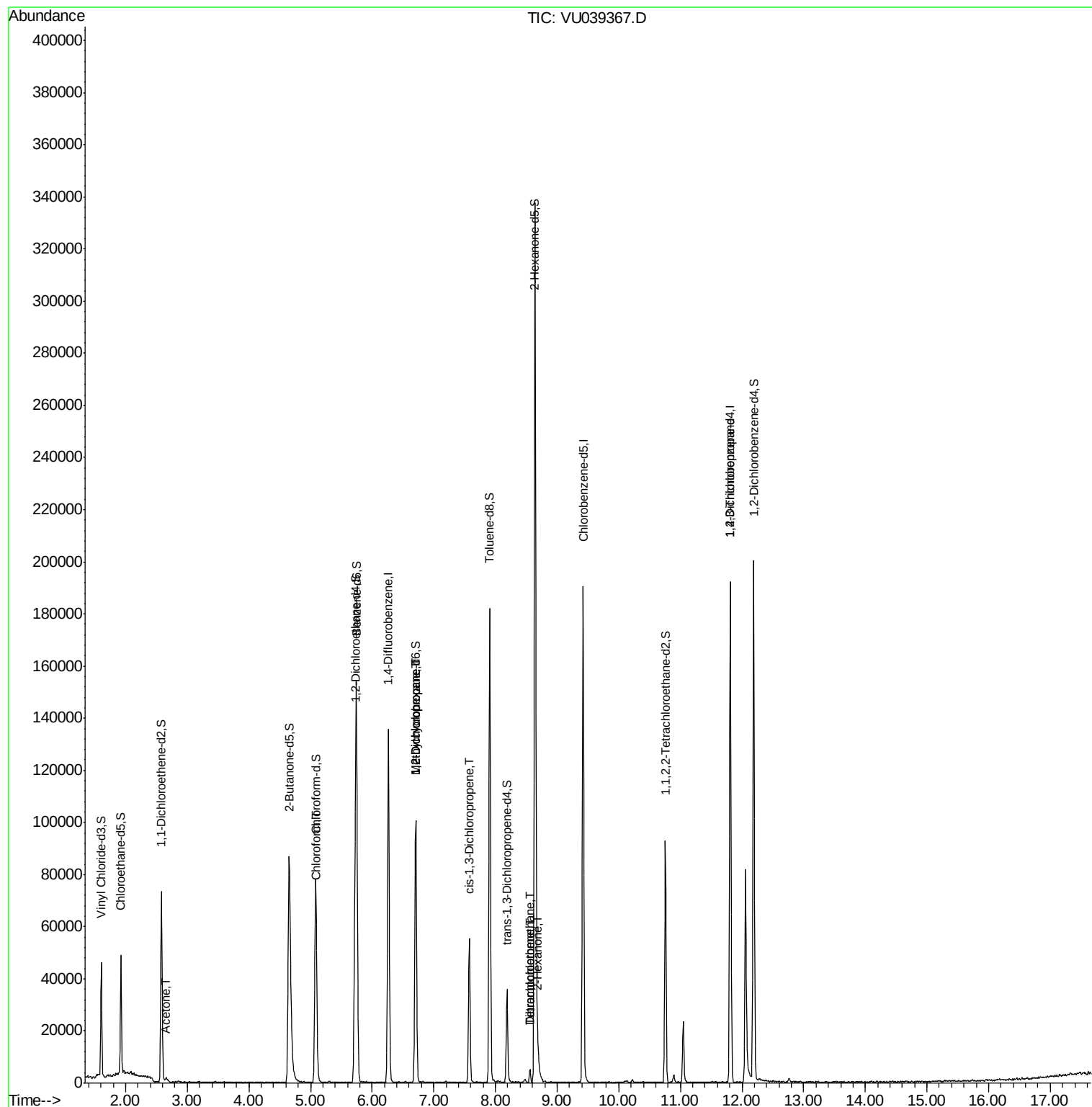
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.66	43	2298	1.541	ug/L	81
25) Chloroform	5.11	83	3824	0.282	ug/L	99
35) Methylcyclohexane	6.71	83	9911	0.815	ug/L #	18
37) 1,2-Dichloropropane	6.71	63	5554	0.694	ug/L #	91
39) cis-1,3-Dichloropropene	7.58	75	1368	0.113	ug/L #	68
47) Tetrachloroethene	8.56	164	905	0.171	ug/L	93
48) 2-Hexanone	8.69	43	5140	1.044	ug/L #	93
49) Dibromochloromethane	8.56	129	883	0.127	ug/L #	10
59) 1,2,3-Trichloropropane	11.81	75	7525	1.276	ug/L	97

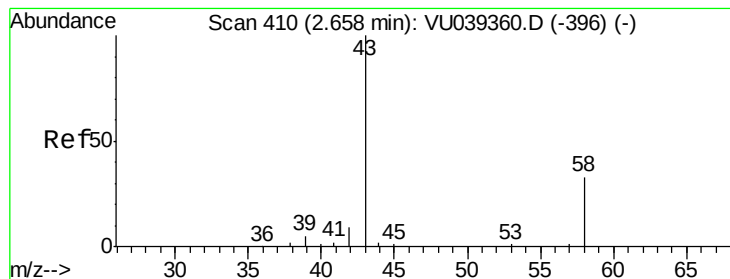
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 1.541 ug/L

RT: 2.66 min Scan# 409

Delta R.T. -0.00 min

Lab File: VU039367.D

Acq: 09 Jul 2020 00:02

Instrument :

MSVOA_U

ClientSampled :

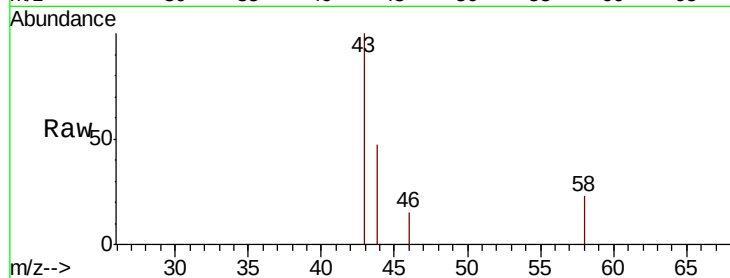
F4A75

Tot Ion: 43 Resp: 2298

Ion Ratio Lower Upper

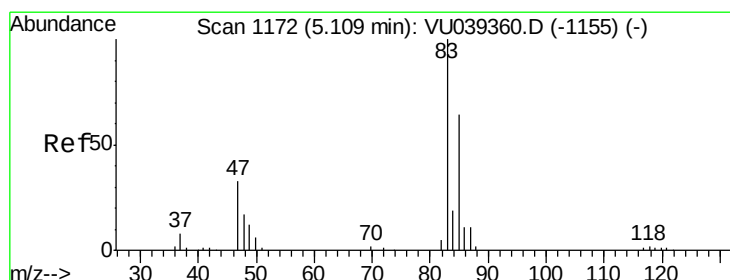
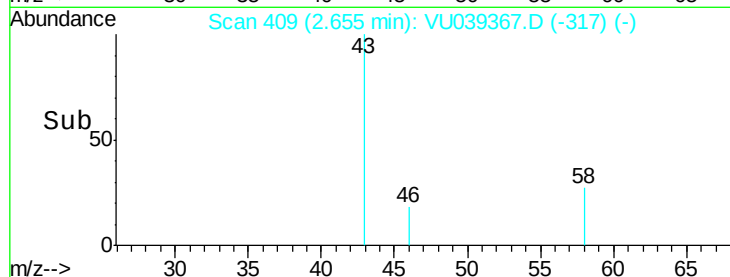
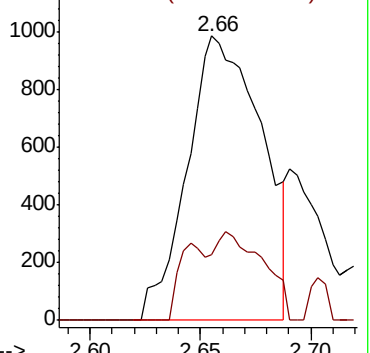
43 100

58 20.8 0.0 62.8



Abundance Ion 43.05 (42.75 to 43.75): VU039360.D (-396) (-)

Ion 58.05 (57.75 to 58.75): VU039360.D (-396) (-)



#25

Chloroform

Concen: 0.282 ug/L

RT: 5.11 min Scan# 1171

Delta R.T. -0.00 min

Lab File: VU039367.D

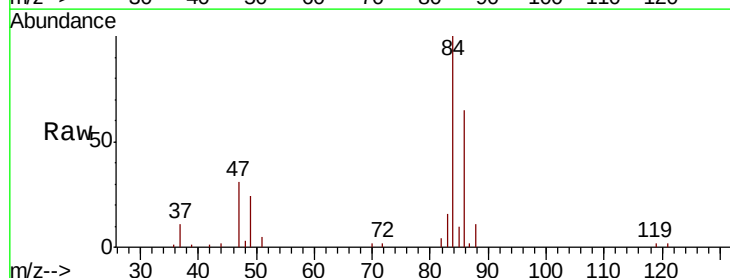
Acq: 09 Jul 2020 00:02

Tgt Ion: 83 Resp: 3824

Ion Ratio Lower Upper

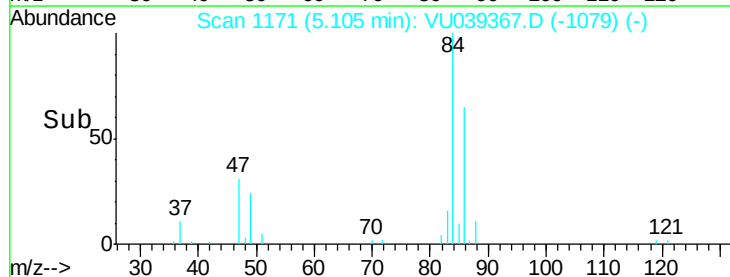
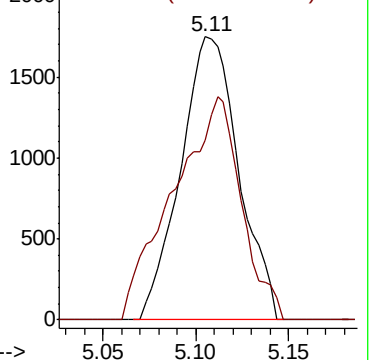
83 100

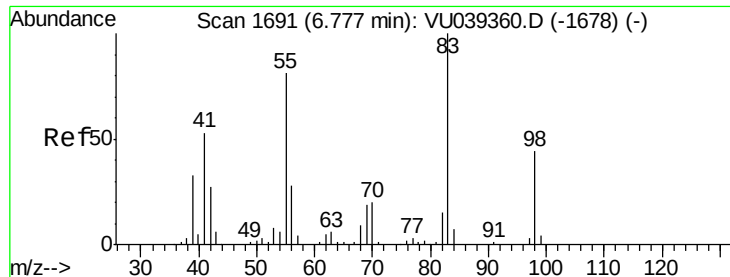
85 63.7 44.9 83.5



Abundance Ion 83.05 (82.75 to 83.75): VU039360.D (-1155) (-)

Ion 85.00 (84.70 to 85.70): VU039360.D (-1155) (-)

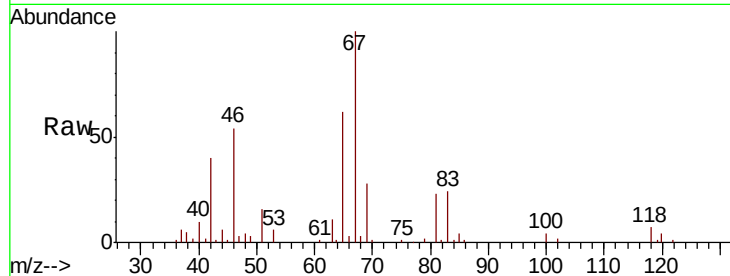




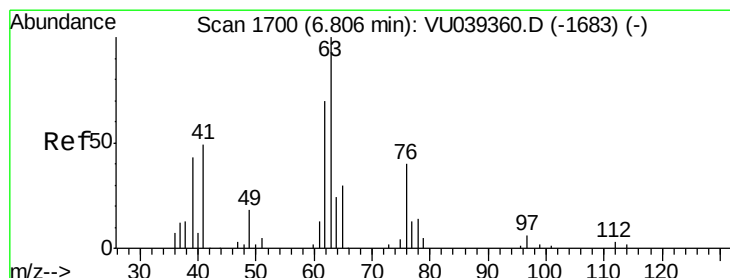
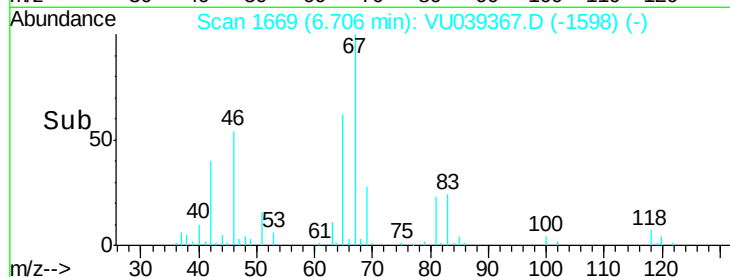
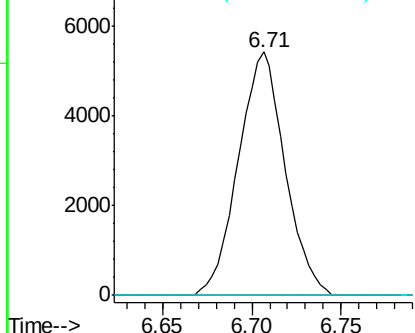
#35
Methylcyclohexane
Concen: 0.815 ug/L
RT: 6.71 min Scan# 1669
Delta R.T. -0.07 min
Lab File: VU039367.D
Acq: 09 Jul 2020 00:02

Instrument :
MSVOA_U
ClientSampleId :
F4A75

Tot Ion: 83 Resp: 9911
Ion Ratio Lower Upper
83 100
55 0.0 62.1 93.1#
98 0.0 35.9 53.9#

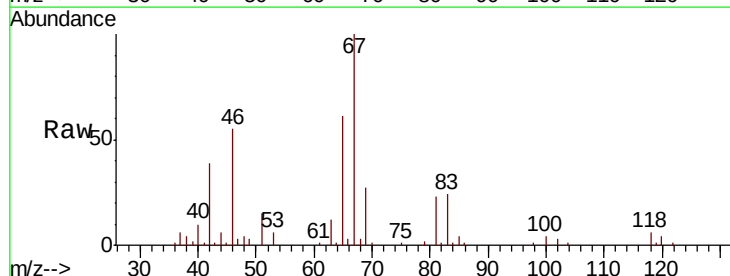


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

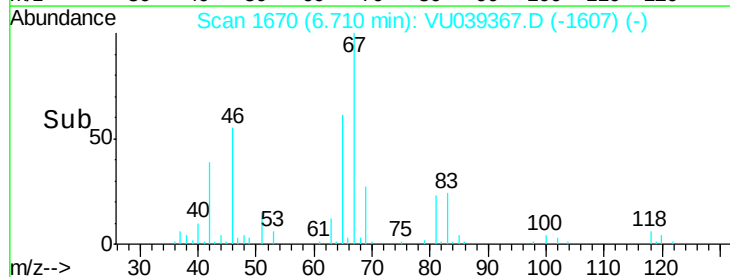
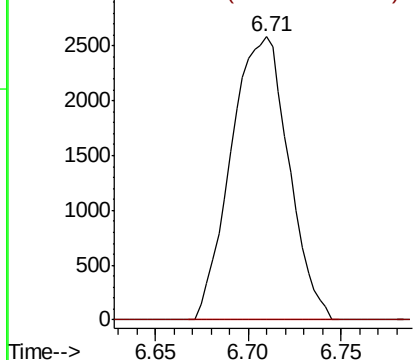


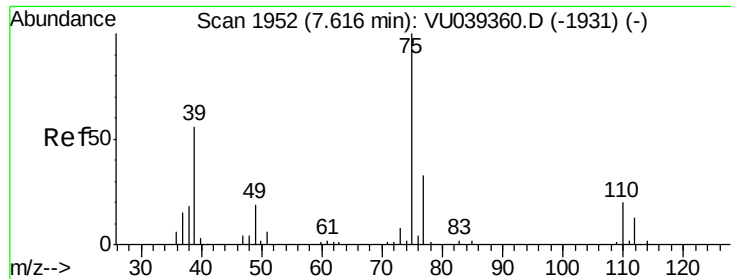
#37
1,2-Dichloropropane
Concen: 0.694 ug/L
RT: 6.71 min Scan# 1670
Delta R.T. -0.10 min
Lab File: VU039367.D
Acq: 09 Jul 2020 00:02

Tgt Ion: 63 Resp: 5554
Ion Ratio Lower Upper
63 100
112 0.0 2.5 3.7#



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

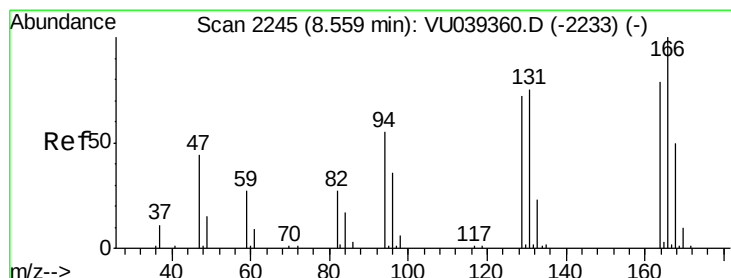
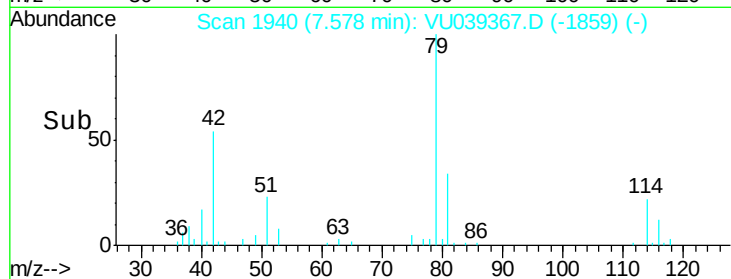
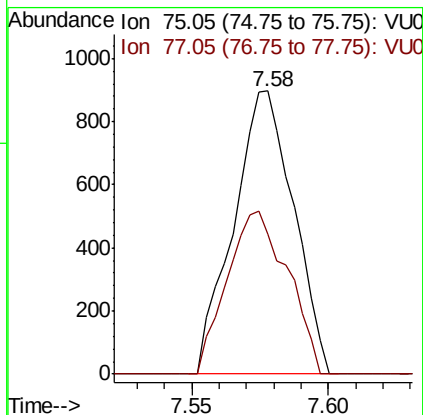
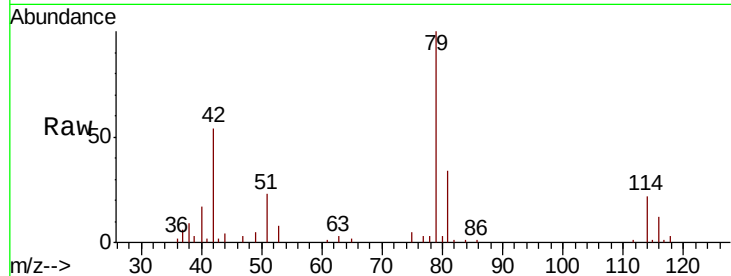




#39
 cis-1,3-Dichloropropene
 Concen: 0.113 ug/L
 RT: 7.58 min Scan# 1940
 Delta R.T. -0.04 min
 Lab File: VU039367.D
 Acq: 09 Jul 2020 00:02

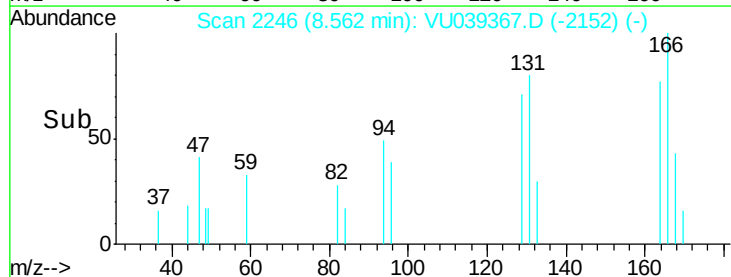
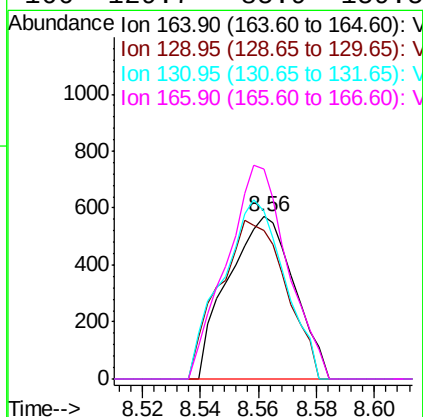
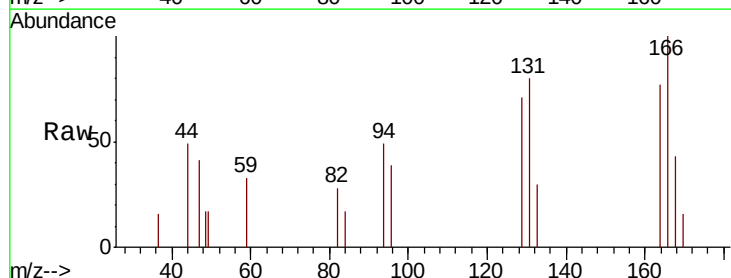
Instrument :
 MSVOA_U
 ClientSampled :
 F4A75

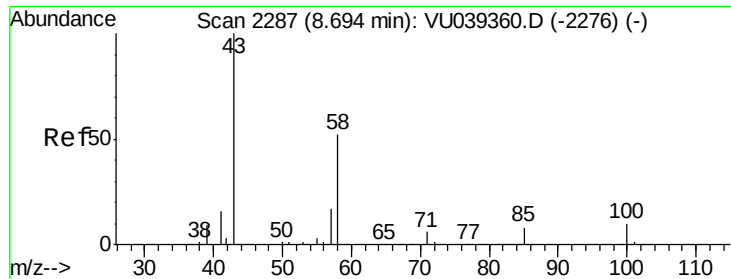
Tot Ion: 75 Resp: 1368
 Ion Ratio Lower Upper
 75 100
 77 49.5 22.3 41.3#



#47
 Tetrachloroethene
 Concen: 0.171 ug/L
 RT: 8.56 min Scan# 2246
 Delta R.T. 0.00 min
 Lab File: VU039367.D
 Acq: 09 Jul 2020 00:02

Tgt Ion: 164 Resp: 905
 Ion Ratio Lower Upper
 164 100
 129 91.7 68.6 127.4
 131 103.7 66.4 123.4
 166 129.7 85.9 159.5

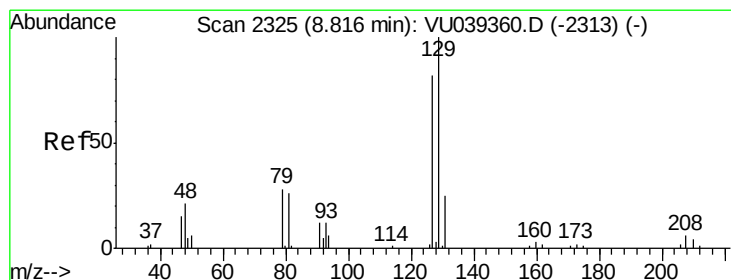
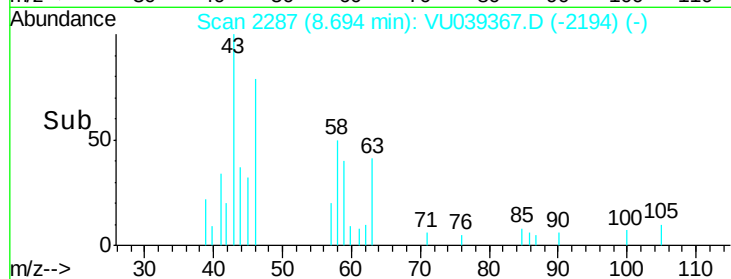
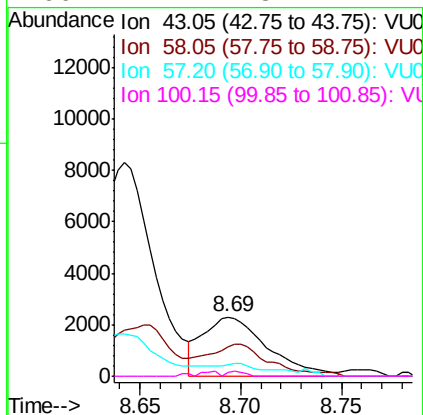
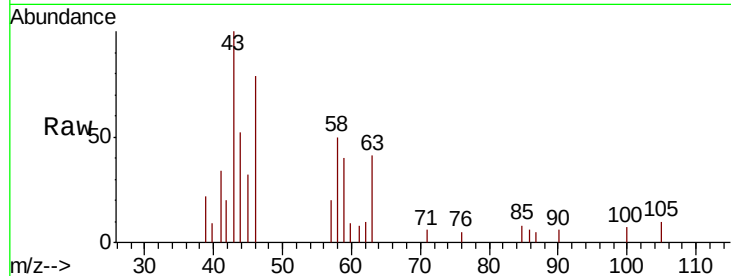




#48
2-Hexanone
Concen: 1.044 ug/L
RT: 8.69 min Scan# 2287
Delta R.T. -0.00 min
Lab File: VU039367.D
Acq: 09 Jul 2020 00:02

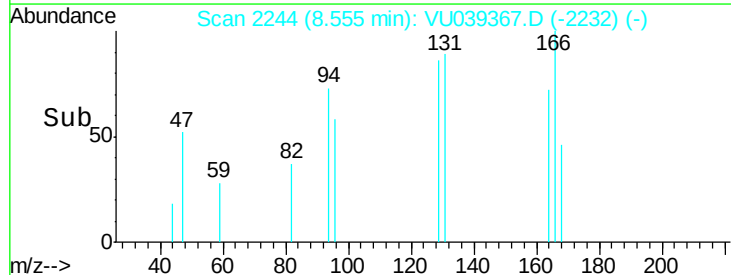
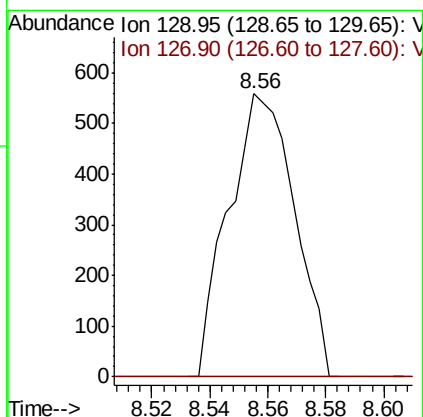
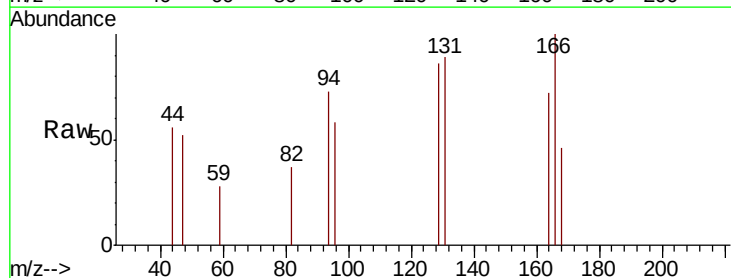
Instrument :
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ClientSampleId :
F4A75

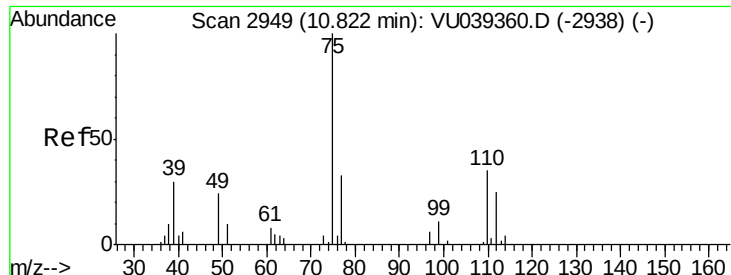
Tot Ion: 43 Resp: 5140
Ion Ratio Lower Upper
43 100
58 52.6 42.0 63.0
57 8.5 14.0 21.0#
100 2.4 8.2 12.2#



#49
Dibromochloromethane
Concen: 0.127 ug/L
RT: 8.56 min Scan# 2244
Delta R.T. -0.26 min
Lab File: VU039367.D
Acq: 09 Jul 2020 00:02

Tgt Ion: 129 Resp: 883
Ion Ratio Lower Upper
129 100
127 0.0 55.4 102.8#





#59

1,2,3-Trichloropropane

Concen: 1.276 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.99 min

Lab File: VU039367.D

Acq: 09 Jul 2020 00:02

Instrument :

MSVOA_U

ClientSampleId :

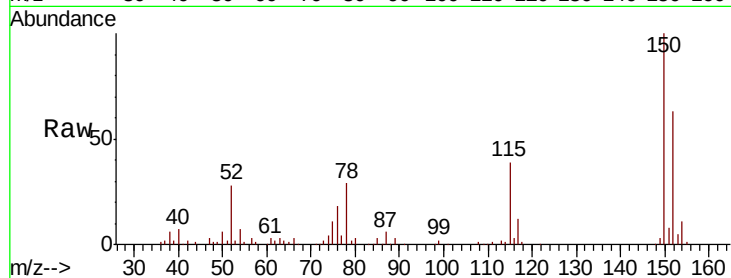
F4A75

Tot Ion: 75 Resp: 7525

Ion Ratio Lower Upper

75 100

77 35.3 26.8 40.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

