

Data File : VU032276.D
Acq On : 23 May 2019 18:14
Operator : JC/SP
Sample : K3001-02DL 5X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E3YE9DL

Quant Time: May 24 02:59:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR052219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri May 24 02:55:50 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	347483	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	359521	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	168165	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	109286	5.60	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	112.00%
7) Chloroethane-d5	1.67	69	96140	5.28	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.60%
11) 1,1-Dichloroethene-d2	2.27	63	161471	4.49	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.80%
20) 2-Butanone-d5	4.19	46	238034	43.24	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.48%
24) Chloroform-d	4.64	84	212015	4.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.00%
26) 1,2-Dichloroethane-d4	5.31	65	107273	4.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.20%
32) Benzene-d6	5.33	84	441890	4.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.60%
36) 1,2-Dichloropropane-d6	6.33	67	131891	3.98	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	79.60%
41) Toluene-d8	7.56	98	373472	3.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.40%
43) trans-1,3-Dichloropropene-	7.85	79	43972	3.45	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	69.00%
46) 2-Hexanone-d5	8.31	63	205227	42.81	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.62%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	108115	3.28	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	65.60%
64) 1,2-Dichlorobenzene-d4	11.85	152	158014	3.41	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	68.20%#

Target Compounds

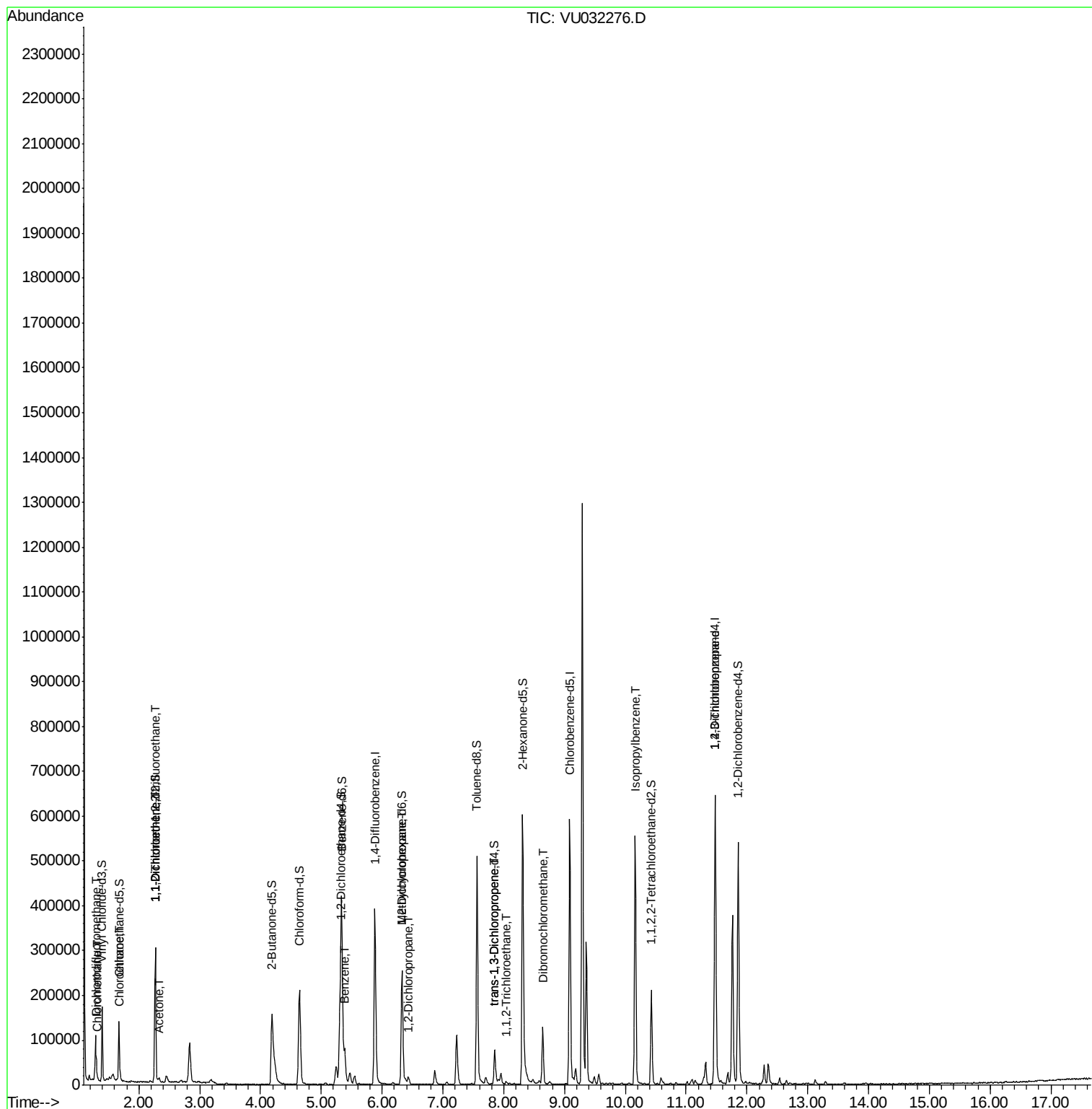
					Qvalue
2) Dichlorodifluoromethane	1.30	85	3428	0.231 ug/L	91
3) Chloromethane	1.32	50	2363	0.159 ug/L	89
8) Chloroethane	1.69	64	3471	0.364 ug/L #	71
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1831	0.149 ug/L #	22
12) 1,1-Dichloroethene	2.27	96	1547	0.125 ug/L #	1
13) Acetone	2.32	43	5148	3.019 ug/L	99
33) Benzene	5.38	78	75108	1.544 ug/L	100
35) Methylcyclohexane	6.32	83	31494	1.638 ug/L #	19
37) 1,2-Dichloropropane	6.43	63	7061	0.603 ug/L #	94
44) trans-1,3-Dichloropropene	7.85	75	1831	0.140 ug/L	95
45) 1,1,2-Trichloroethane	8.04	97	1847	0.204 ug/L #	15
49) Dibromochloromethane	8.64	129	950	0.092 ug/L #	13
56) Isopropylbenzene	10.16	105	357536	7.317 ug/L	98
59) 1,2,3-Trichloropropane	11.48	75	16847	2.209 ug/L	91

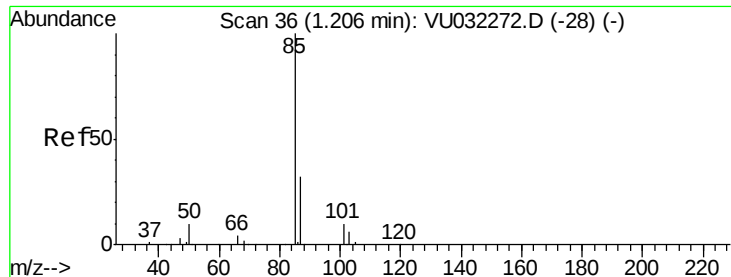
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 0.231 ug/L

RT: 1.30 min Scan# 66

Delta R.T. 0.10 min

Lab File: VU032276.D

Acq: 23 May 2019 18:14

Instrument :

MSVOA_U

ClientSampleId :

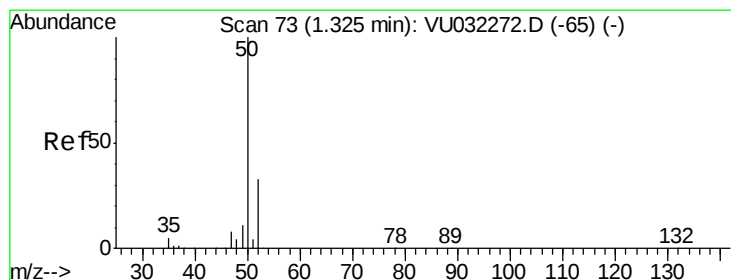
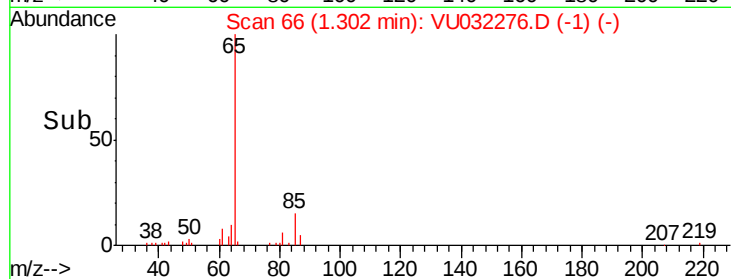
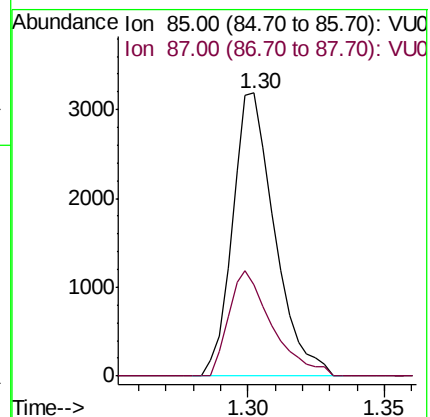
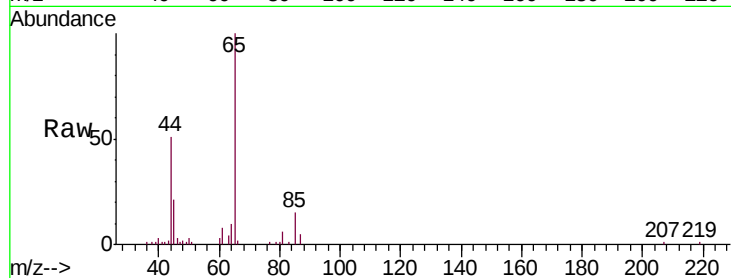
E3YE9DL

Tgt Ion: 85 Resp: 3428

Ion Ratio Lower Upper

85 100

87 38.4 26.6 39.8



#3

Chloromethane

Concen: 0.159 ug/L

RT: 1.32 min Scan# 73

Delta R.T. 0.00 min

Lab File: VU032276.D

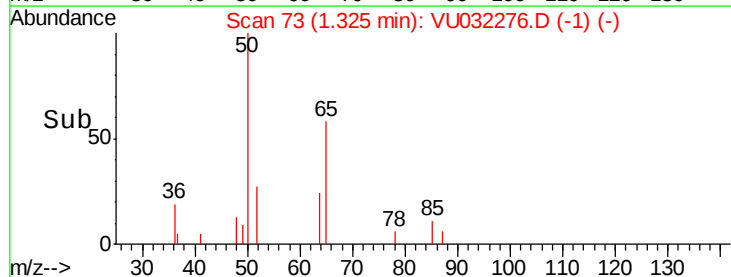
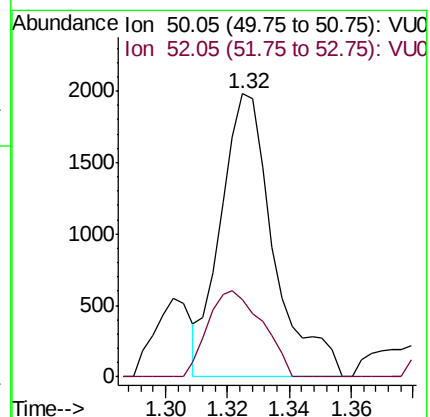
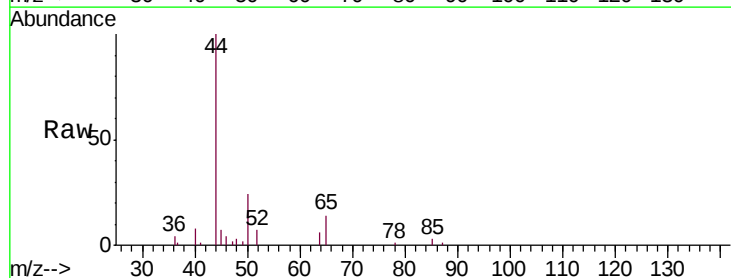
Acq: 23 May 2019 18:14

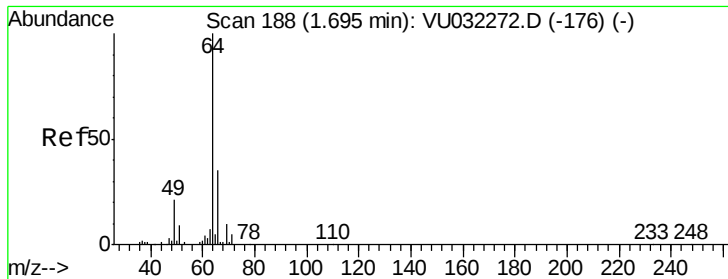
Tgt Ion: 50 Resp: 2363

Ion Ratio Lower Upper

50 100

52 27.3 23.3 43.3





#8

Chloroethane

Concen: 0.364 ug/L

RT: 1.69 min Scan# 187

Delta R.T. -0.00 min

Lab File: VU032276.D

Acq: 23 May 2019 18:14

Instrument :

MSVOA_U

ClientSampleId :

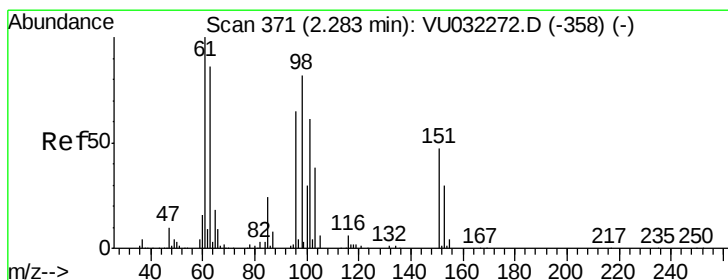
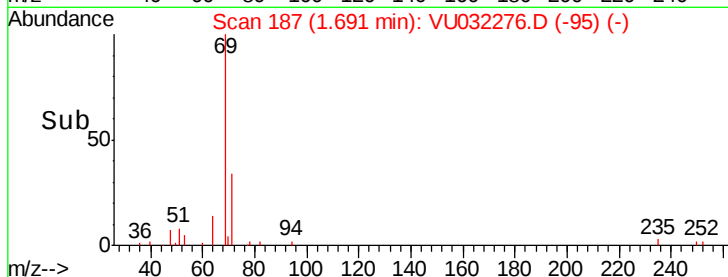
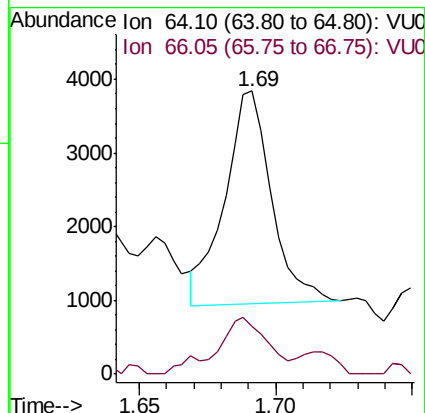
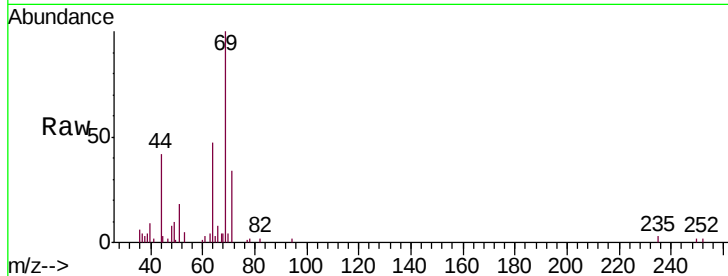
E3YE9DL

Tgt Ion: 64 Resp: 3471

Ion Ratio Lower Upper

64 100

66 16.7 23.1 42.9#



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.149 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.02 min

Lab File: VU032276.D

Acq: 23 May 2019 18:14

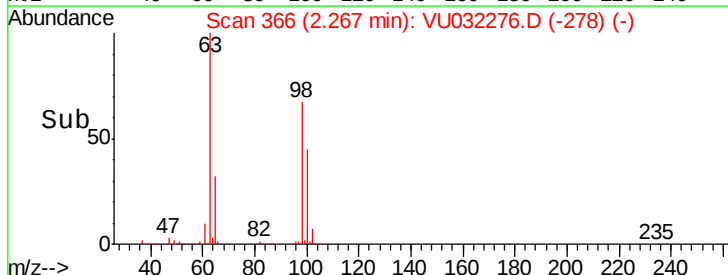
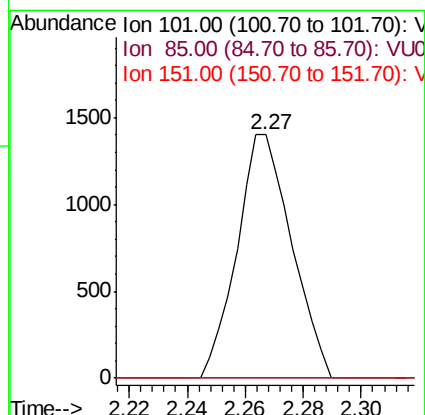
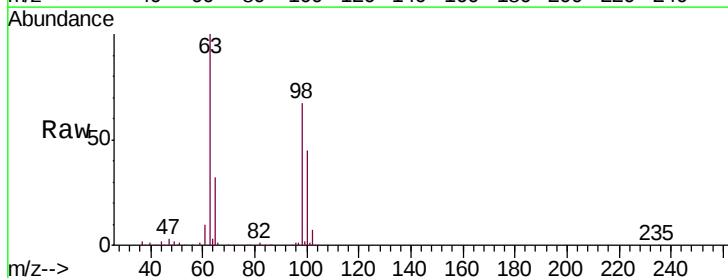
Tgt Ion: 101 Resp: 1831

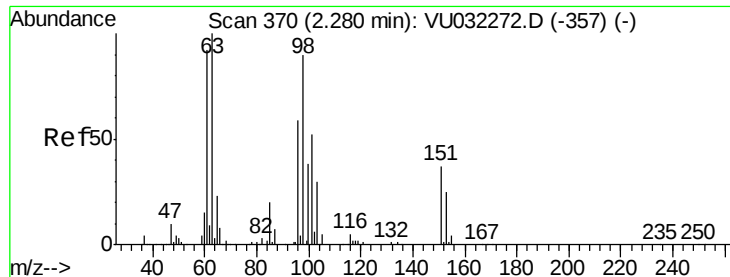
Ion Ratio Lower Upper

101 100

85 7.8 34.2 51.4#

151 0.0 64.4 96.6#





#12

1,1-Dichloroethene

Concen: 0.125 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

Lab File: VU032276.D

Acq: 23 May 2019 18:14

Instrument :

MSVOA_U

ClientSampleId :

E3YE9DL

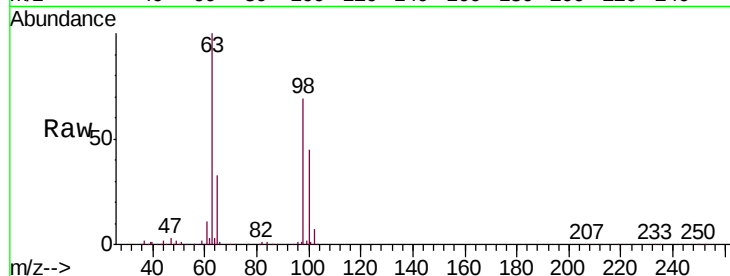
Tgt Ion: 96 Resp: 1547

Ion Ratio Lower Upper

96 100

61 826.1 113.8 211.3#

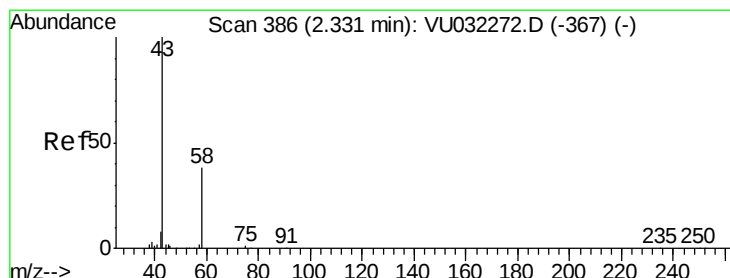
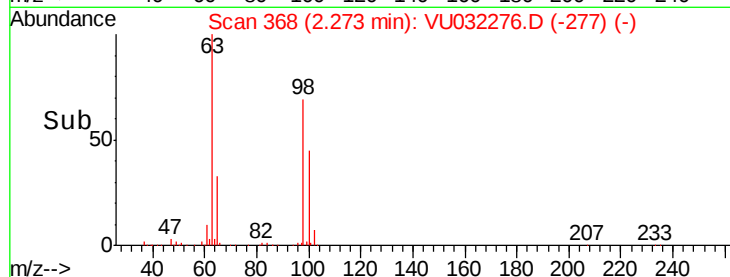
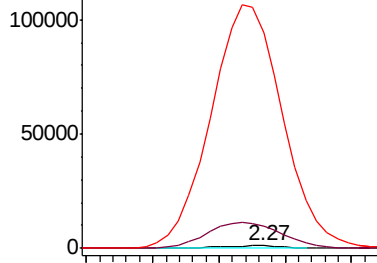
63 7863.3 108.8 202.2#



Abundance Ion 96.00 (95.70 to 96.70): VU032276.D (-277) (-)

Ion 61.05 (60.75 to 61.75): VU032276.D (-277) (-)

Ion 63.00 (62.70 to 63.70): VU032276.D (-277) (-)



#13

Acetone

Concen: 3.019 ug/L

RT: 2.32 min Scan# 383

Delta R.T. -0.01 min

Lab File: VU032276.D

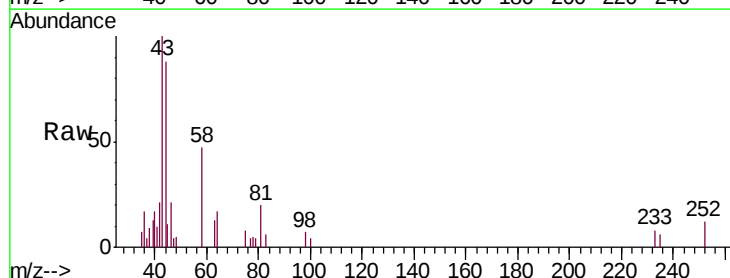
Acq: 23 May 2019 18:14

Tgt Ion: 43 Resp: 5148

Ion Ratio Lower Upper

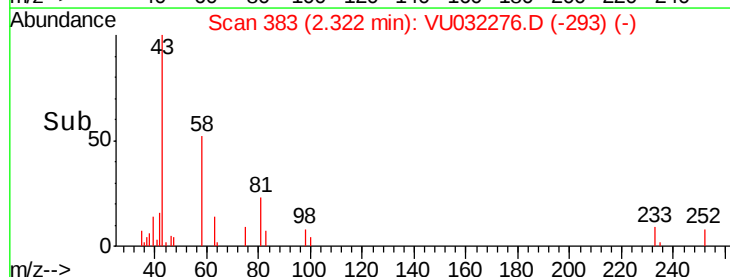
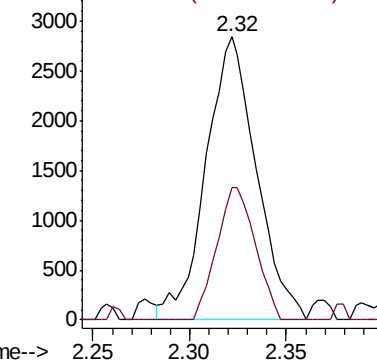
43 100

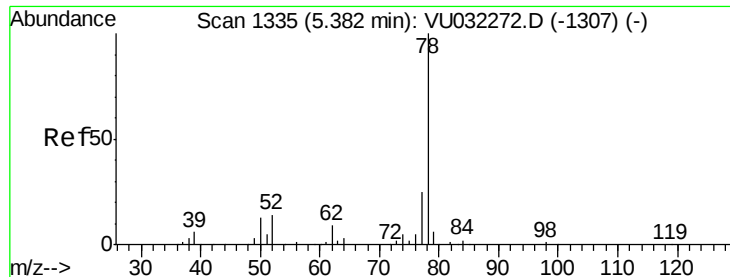
58 35.9 0.0 72.6



Abundance Ion 43.05 (42.75 to 43.75): VU032276.D (-293) (-)

Ion 58.05 (57.75 to 58.75): VU032276.D (-293) (-)





#33

Benzene

Concen: 1.544 ug/L

RT: 5.38 min Scan# 1335

Delta R.T. 0.00 min

Lab File: VU032276.D

Acq: 23 May 2019 18:14

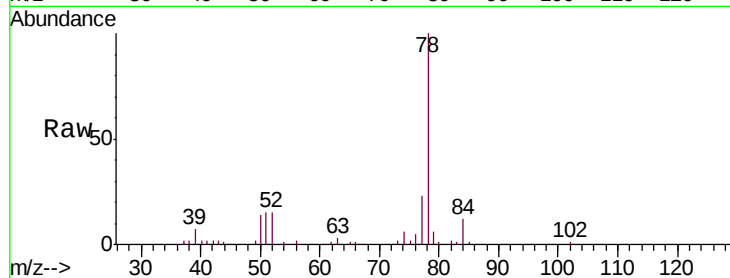
Instrument :

MSVOA_U

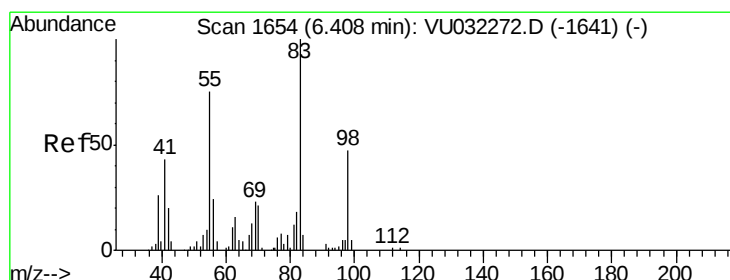
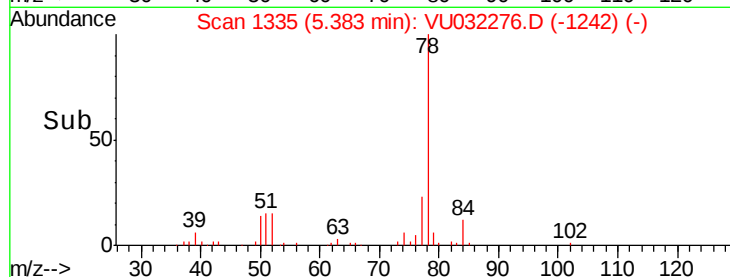
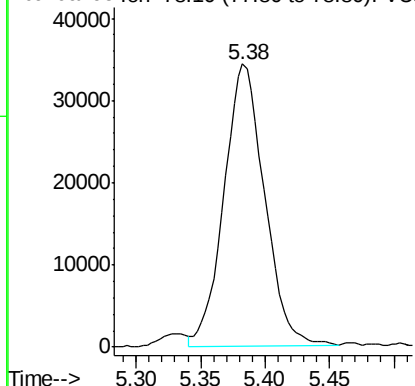
ClientSampleId :

E3YE9DL

Tgt Ion: 78 Resp: 75108



Abundance Ion 78.10 (77.80 to 78.80): VU0



#35

Methylcyclohexane

Concen: 1.638 ug/L

RT: 6.32 min Scan# 1628

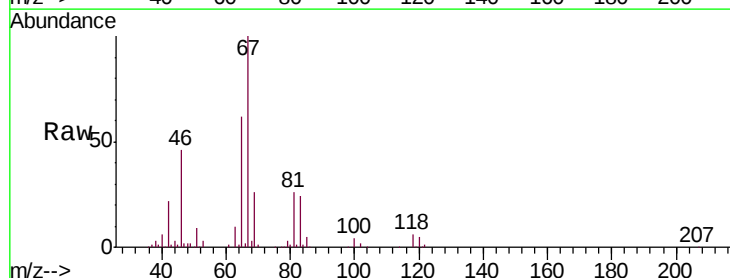
Delta R.T. -0.08 min

Lab File: VU032276.D

Acq: 23 May 2019 18:14

Tgt Ion: 83 Resp: 31494

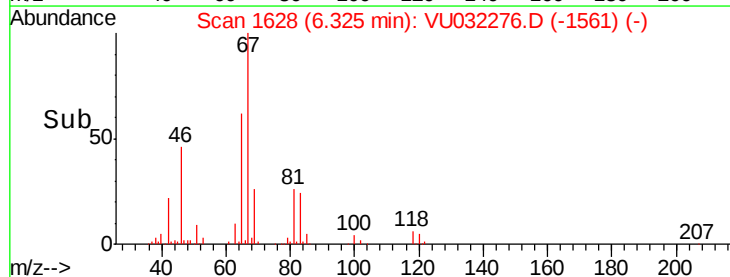
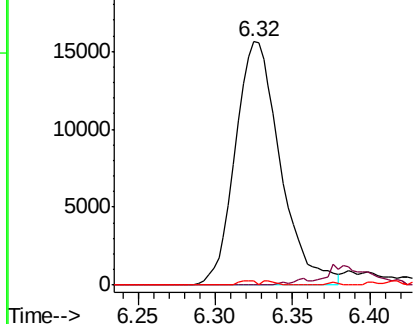
Ion	Ratio	Lower	Upper
83	100		
55	0.0	59.7	89.5#
98	0.6	37.5	56.3#

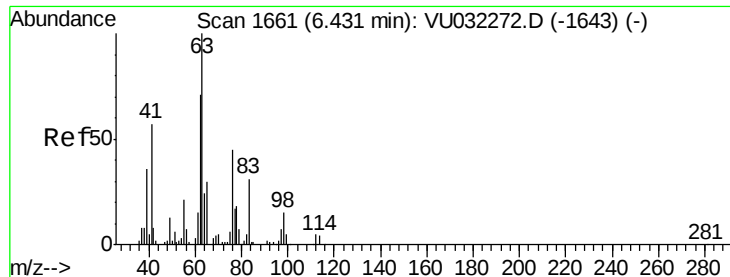


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0

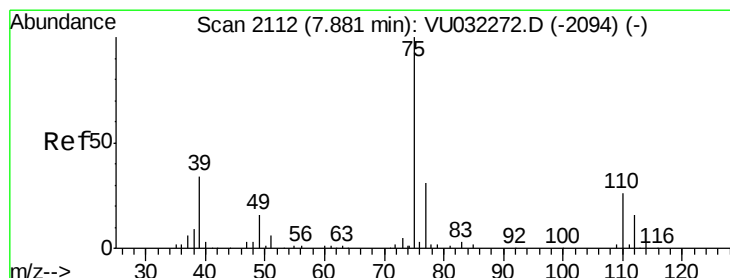
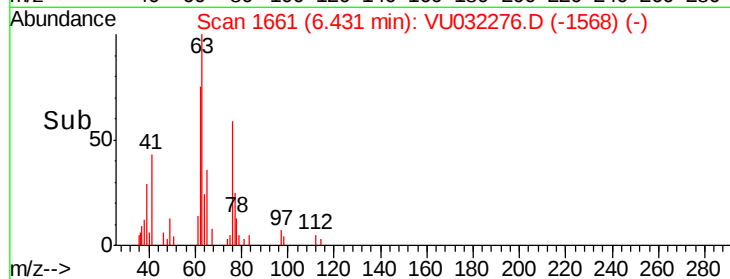
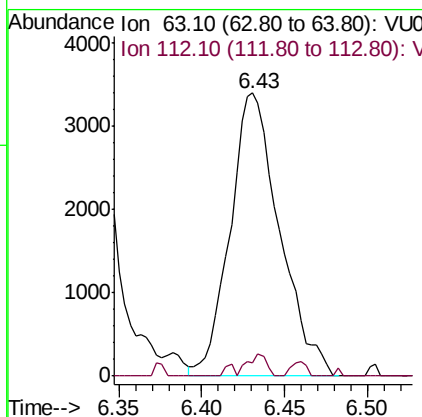
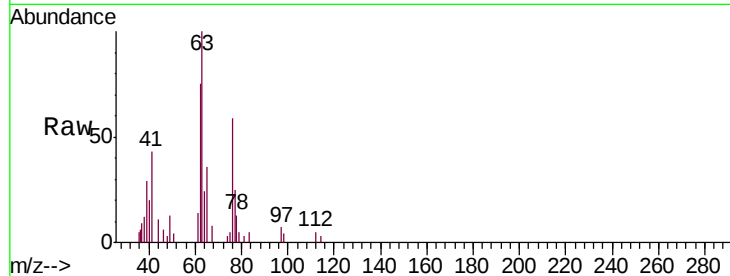




#37
 1,2-Dichloropropane
 Concen: 0.603 ug/L
 RT: 6.43 min Scan# 1661
 Delta R.T. 0.00 min
 Lab File: VU032276.D
 Acq: 23 May 2019 18:14

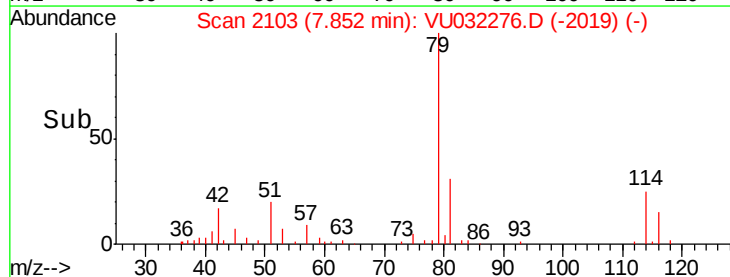
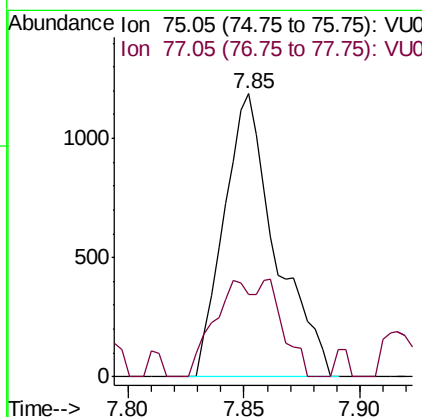
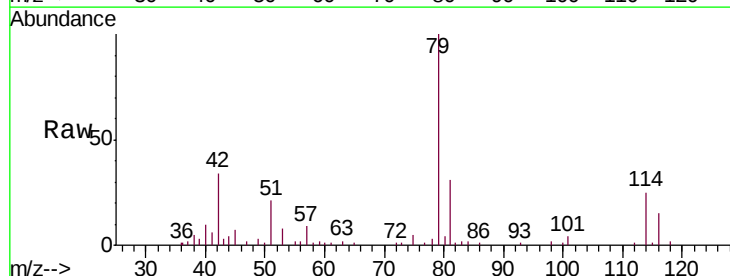
Instrument :
 MSVOA_U
 ClientSampleId :
 E3YE9DL

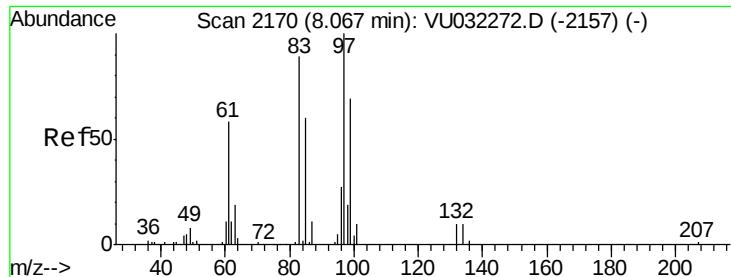
Tgt Ion: 63 Resp: 7061
 Ion Ratio Lower Upper
 63 100
 112 3.0 3.8 5.8#



#44
 trans-1,3-Dichloropropene
 Concen: 0.140 ug/L
 RT: 7.85 min Scan# 2103
 Delta R.T. -0.03 min
 Lab File: VU032276.D
 Acq: 23 May 2019 18:14

Tgt Ion: 75 Resp: 1831
 Ion Ratio Lower Upper
 75 100
 77 29.2 22.5 41.9

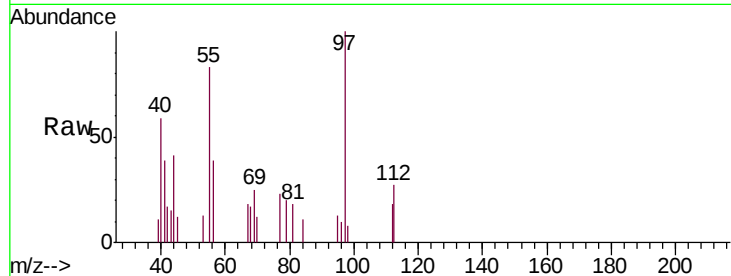




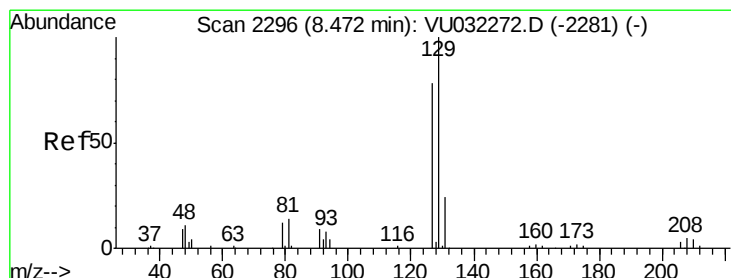
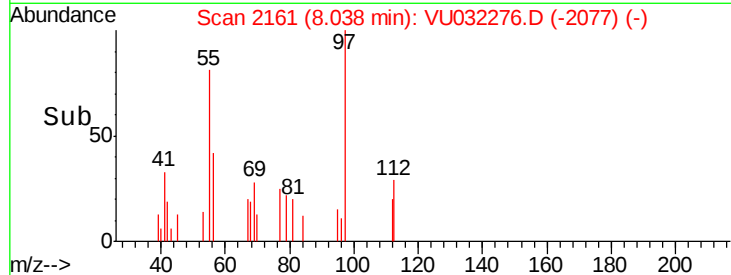
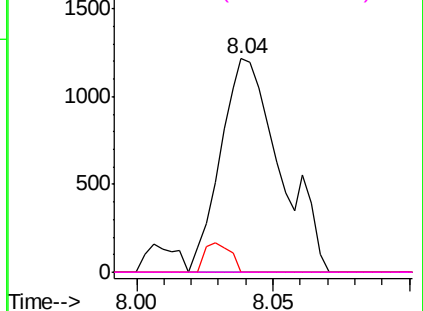
#45
 1,1,2-Trichloroethane
 Concen: 0.204 ug/L
 RT: 8.04 min Scan# 2161
 Delta R.T. -0.03 min
 Lab File: VU032276.D
 Acq: 23 May 2019 18:14

Instrument :
 MSVOA_U
 ClientSampleId :
 E3YE9DL

Tgt Ion: 97 Resp: 1847
 Ion Ratio Lower Upper
 97 100
 99 0.0 44.2 82.0#
 83 0.0 60.5 112.3#
 85 0.0 36.3 67.3#

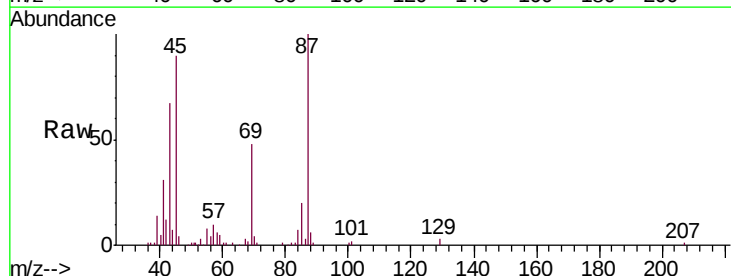


Abundance Ion 96.95 (96.65 to 97.65): VU0
 Ion 99.05 (98.75 to 99.75): VU0
 Ion 82.95 (82.65 to 83.65): VU0
 Ion 85.00 (84.70 to 85.70): VU0

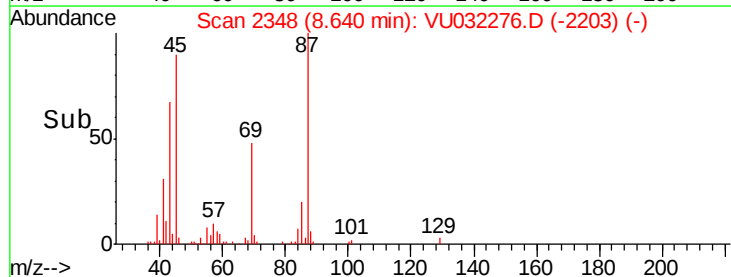
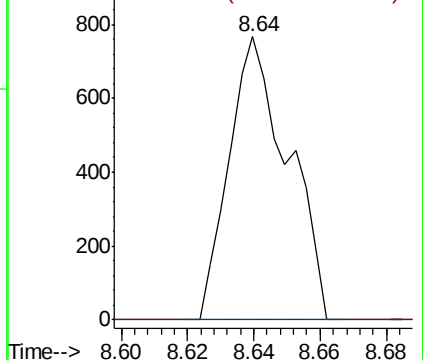


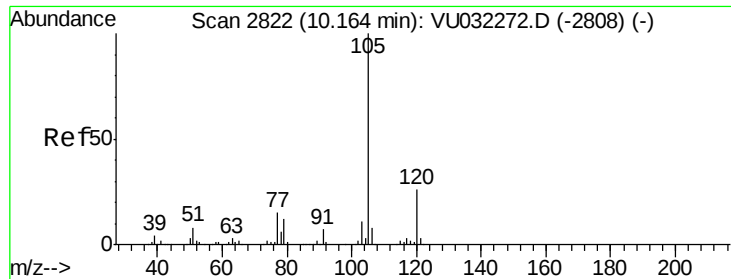
#49
 Dibromochloromethane
 Concen: 0.092 ug/L
 RT: 8.64 min Scan# 2348
 Delta R.T. 0.17 min
 Lab File: VU032276.D
 Acq: 23 May 2019 18:14

Tgt Ion: 129 Resp: 950
 Ion Ratio Lower Upper
 129 100
 127 0.0 51.7 95.9#



Abundance Ion 128.95 (128.65 to 129.65): V
 Ion 126.90 (126.60 to 127.60): V

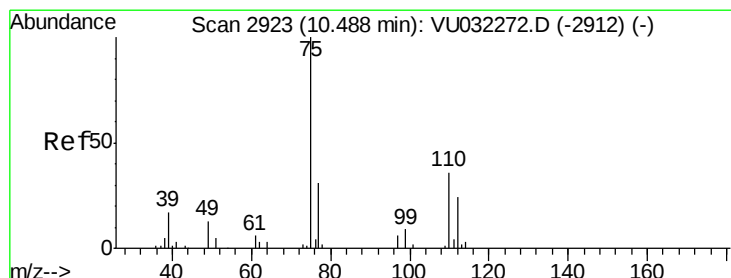
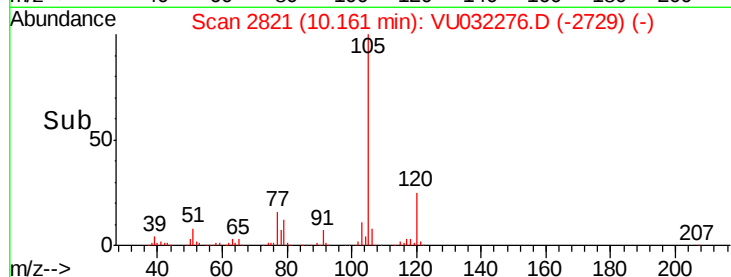
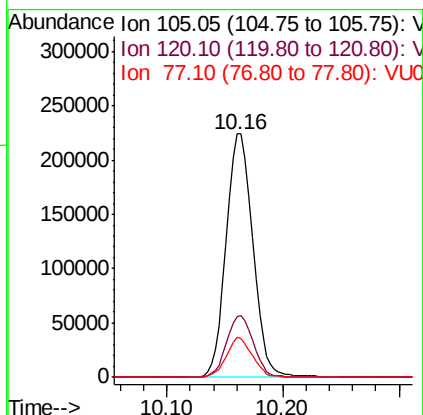
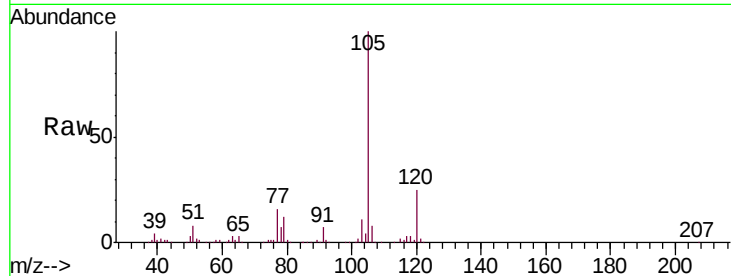




#56
Isopropylbenzene
Concen: 7.317 ug/L
RT: 10.16 min Scan# 2821
Delta R.T. -0.00 min
Lab File: VU032276.D
Acq: 23 May 2019 18:14

Instrument :
MSVOA_U
ClientSampleId :
E3YE9DL

Tgt Ion	Ratio	Lower	Upper
105	100		
120	25.5	21.0	31.6
77	15.9	11.9	17.9



#59
1,2,3-Trichloropropane
Concen: 2.209 ug/L
RT: 11.48 min Scan# 3232
Delta R.T. 0.99 min
Lab File: VU032276.D
Acq: 23 May 2019 18:14

Tgt Ion	Ratio	Lower	Upper
75	100		
77	40.8	28.2	42.4

