

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041019\
 Data File : VU030964.D
 Acq On : 09 Apr 2019 18:09
 Operator : JC/SP
 Sample : K2248-11RE
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E3YB4

Quant Time: Apr 10 02:01:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR032919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Apr 10 01:53:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	219551	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	225814	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	90489	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	71034	4.23	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.60%
7) Chloroethane-d5	1.68	69	66103	4.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.80%
11) 1,1-Dichloroethene-d2	2.27	63	108248	3.15	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.00%
20) 2-Butanone-d5	4.19	46	267810	61.95	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	123.90%
24) Chloroform-d	4.64	84	128449	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.20%
26) 1,2-Dichloroethane-d4	5.31	65	80868	5.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.20%
32) Benzene-d6	5.34	84	251993	4.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.00%
36) 1,2-Dichloropropane-d6	6.33	67	96162	4.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.40%
41) Toluene-d8	7.56	98	196832	3.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.20%
43) trans-1,3-Dichloropropene-	7.85	79	31450	4.25	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.00%
46) 2-Hexanone-d5	8.31	63	159778	49.61	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.22%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	82090	5.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	115.00%
64) 1,2-Dichlorobenzene-d4	11.86	152	72673	4.80	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.00%

Target Compounds

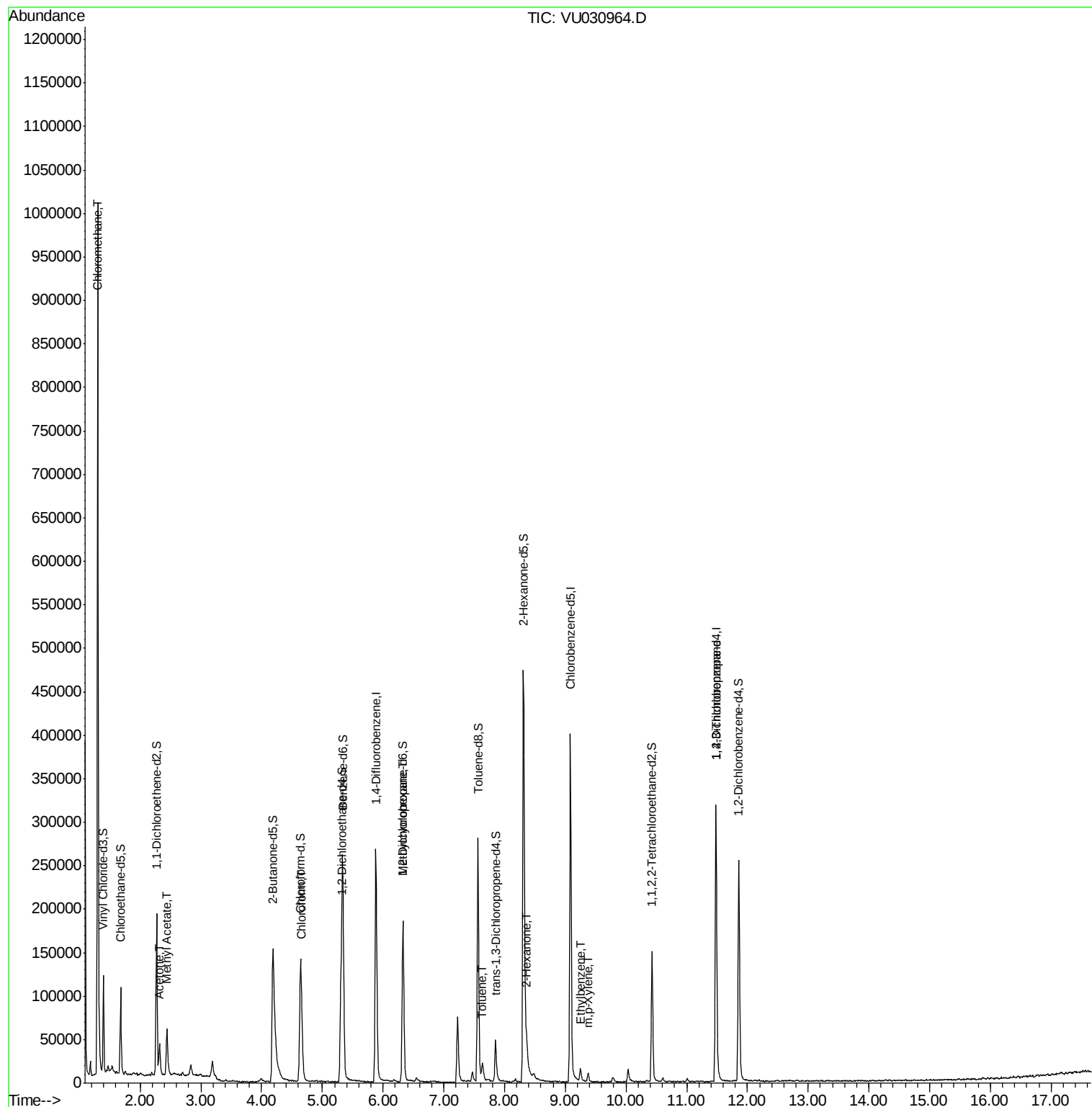
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.30	50	7051	0.246	ug/L #	67
13) Acetone	2.32	43	36862	11.029	ug/L	99
15) Methyl Acetate	2.44	43	13610	1.576	ug/L #	55
25) Chloroform	4.67	83	21312	0.653	ug/L	92
35) Methylcyclohexane	6.32	83	20044	0.657	ug/L #	15
42) Toluene	7.64	91	15217	0.199	ug/L	100
48) 2-Hexanone	8.37	43	16628	1.830	ug/L #	90
52) Ethylbenzene	9.25	91	10645	0.130	ug/L	88
53) m,p-Xylene	9.37	106	3098	0.109	ug/L	84
59) 1,2,3-Trichloropropane	11.48	75	11189	0.953	ug/L	89

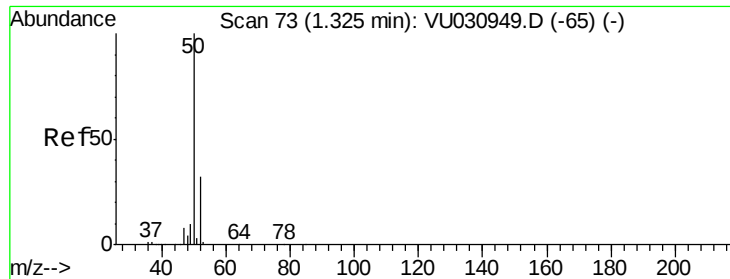
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Apr 10 01:53:07 2019
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.246 ug/L

RT: 1.30 min Scan# 66

Delta R.T. -0.02 min

Lab File: VU030964.D

Acq: 09 Apr 2019 18:09

Instrument :

MSVOA_U

ClientSampled :

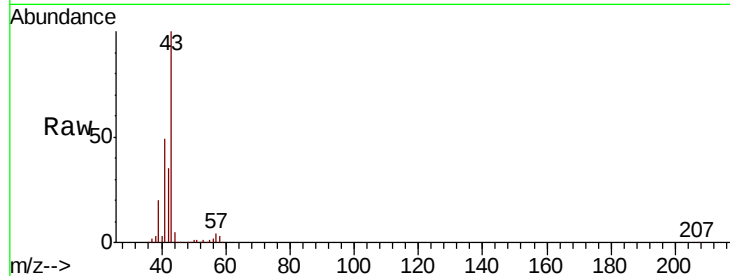
E3YB4

Tot Ion: 50 Resp: 7051

Ion Ratio Lower Upper

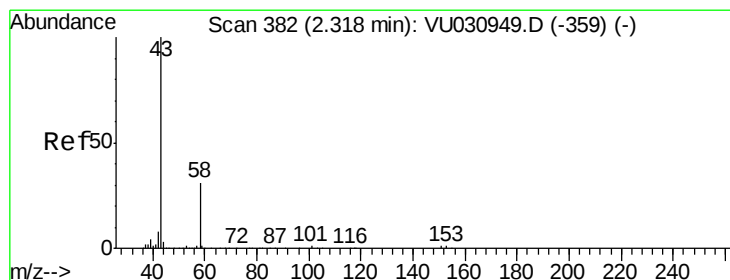
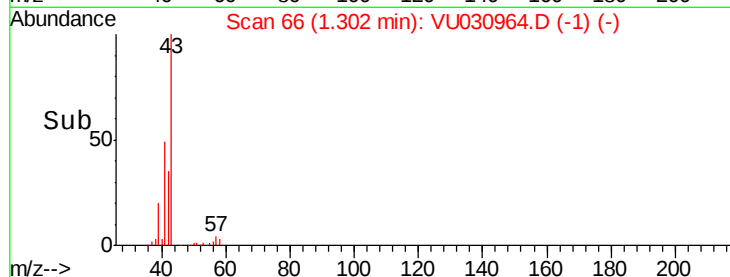
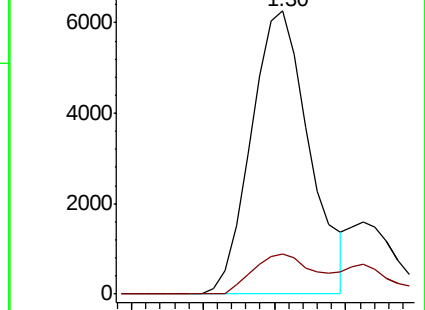
50 100

52 14.4 22.9 42.5#



Abundance Ion 50.05 (49.75 to 50.75): VU030949.D (-65) (-)

Ion 52.05 (51.75 to 52.75): VU030949.D (-65) (-)



#13

Acetone

Concen: 11.029 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU030964.D

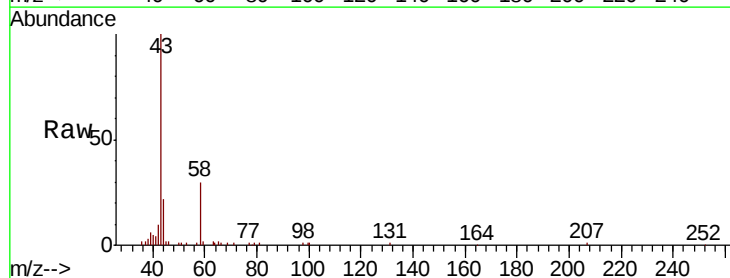
Acq: 09 Apr 2019 18:09

Tgt Ion: 43 Resp: 36862

Ion Ratio Lower Upper

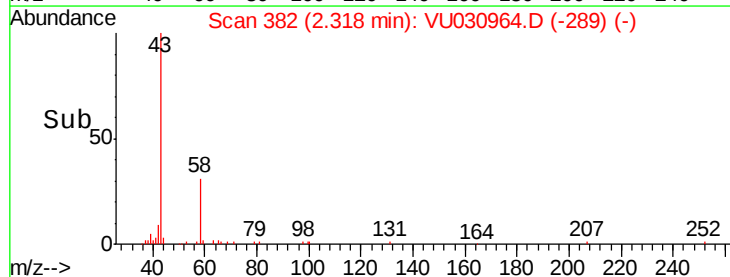
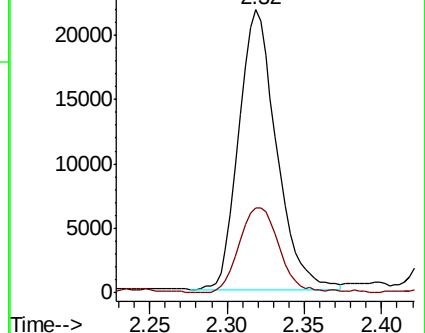
43 100

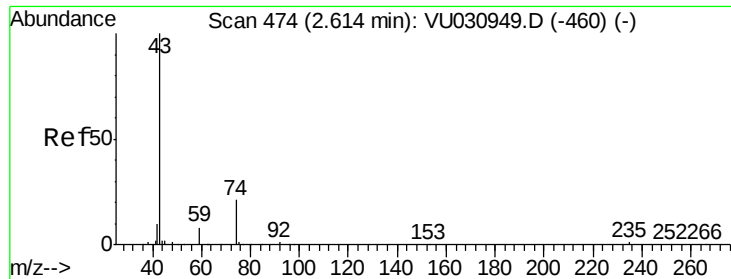
58 32.0 0.0 62.8



Abundance Ion 43.05 (42.75 to 43.75): VU030949.D (-359) (-)

Ion 58.05 (57.75 to 58.75): VU030949.D (-359) (-)

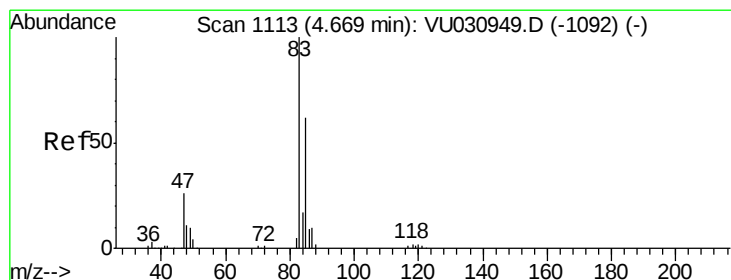
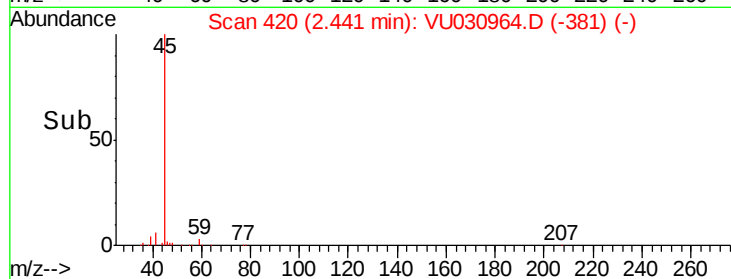
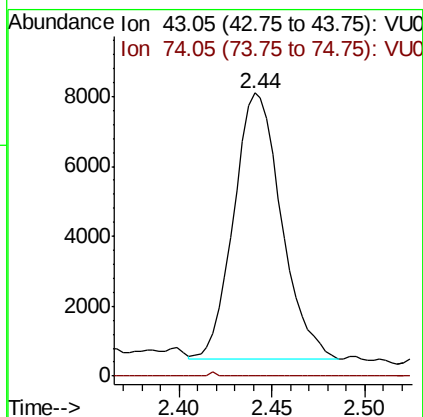
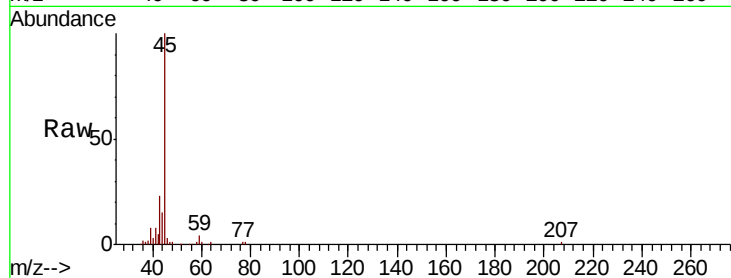




#15
Methvl Acetate
Concen: 1.576 ug/L
RT: 2.44 min Scan# 420
Delta R.T. -0.17 min
Lab File: VU030964.D
Acq: 09 Apr 2019 18:09

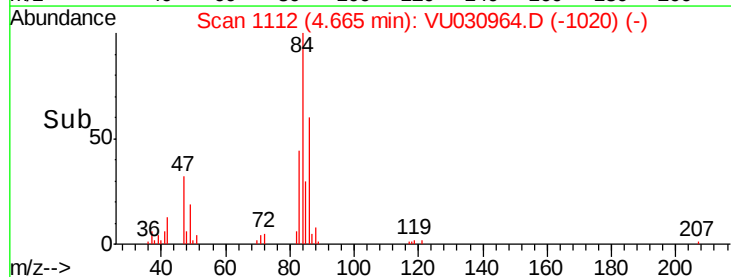
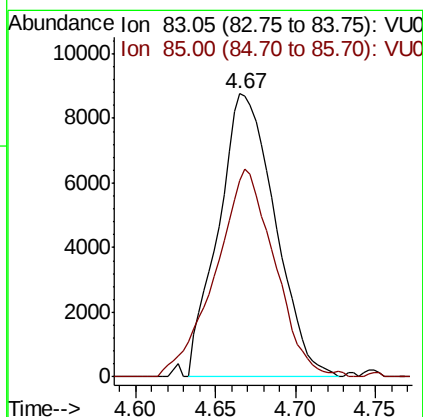
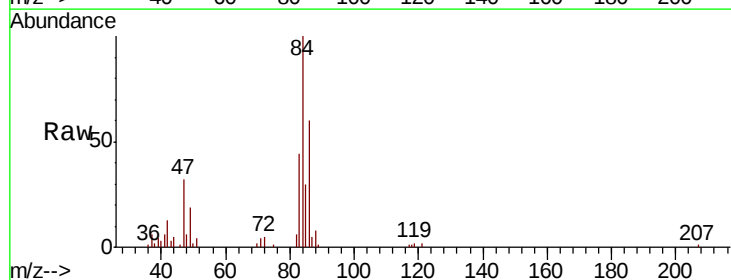
Instrument :
MSVOA_U
ClientSampleId :
E3YB4

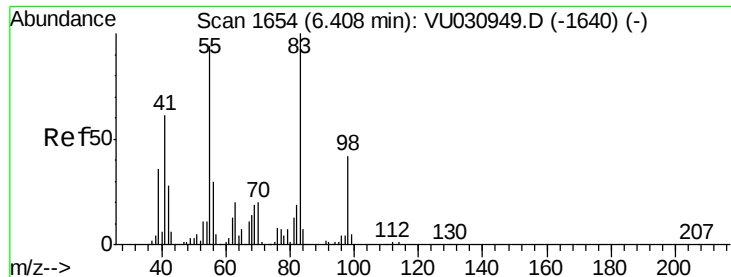
Tot Ion: 43 Resp: 13610
Ion Ratio Lower Upper
43 100
74 0.2 17.1 25.7#



#25
Chloroform
Concen: 0.653 ug/L
RT: 4.67 min Scan# 1112
Delta R.T. -0.00 min
Lab File: VU030964.D
Acq: 09 Apr 2019 18:09

Tgt Ion: 83 Resp: 21312
Ion Ratio Lower Upper
83 100
85 69.2 44.2 82.2

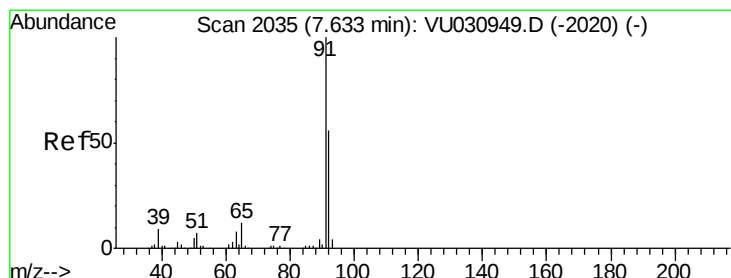
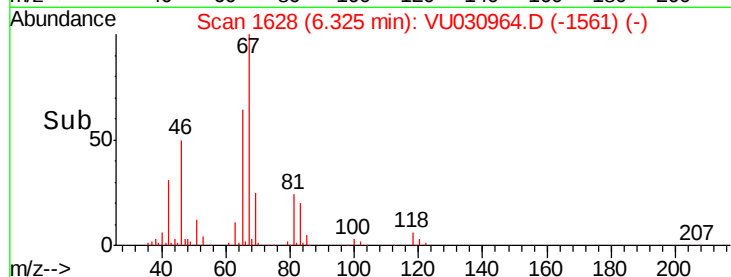
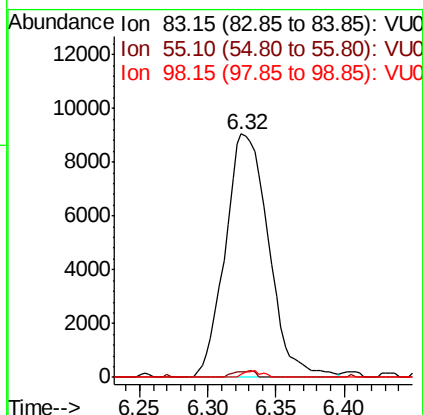
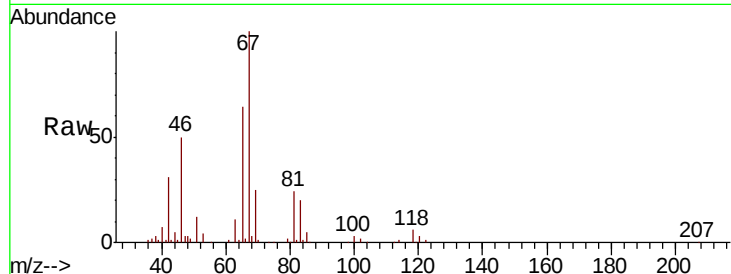




#35
Methvlcvclohexane
Concen: 0.657 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.08 min
Lab File: VU030964.D
Acq: 09 Apr 2019 18:09

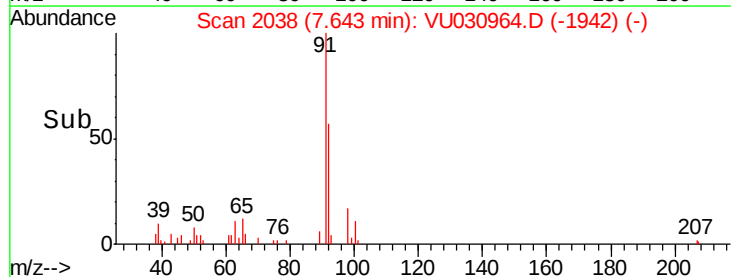
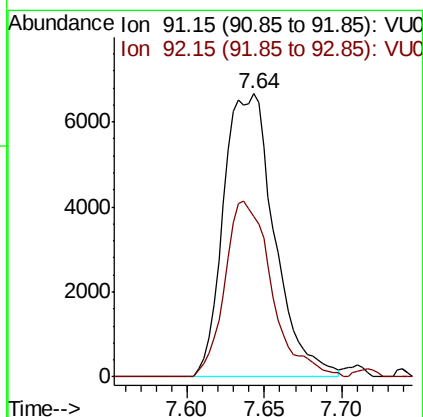
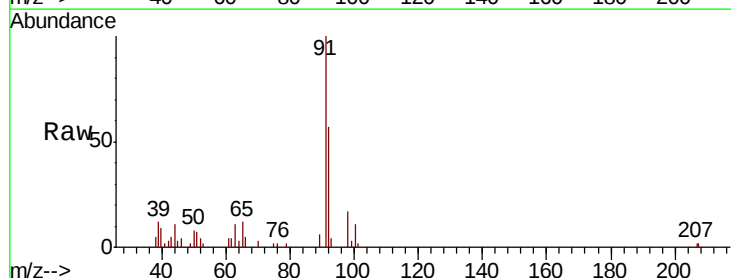
Instrument :
MSVOA_U
ClientSampleId :
E3YB4

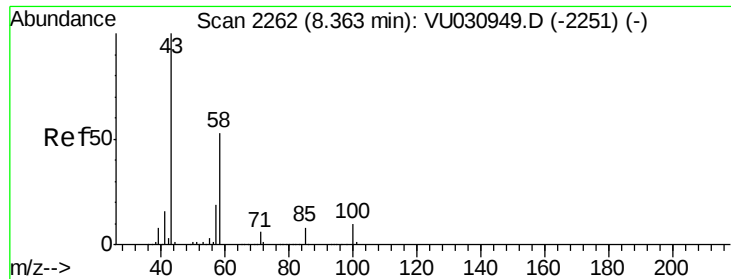
Tot Ion	83	Resp	20044
Ion Ratio	Lower	Upper	
83	100		
55	1.3	72.6	108.8#
98	1.1	35.0	52.6#



#42
Toluene
Concen: 0.199 ug/L
RT: 7.64 min Scan# 2038
Delta R.T. 0.01 min
Lab File: VU030964.D
Acq: 09 Apr 2019 18:09

Tgt Ion	91	Resp	15217
Ion Ratio	Lower	Upper	
91	100		
92	56.7	39.9	74.1

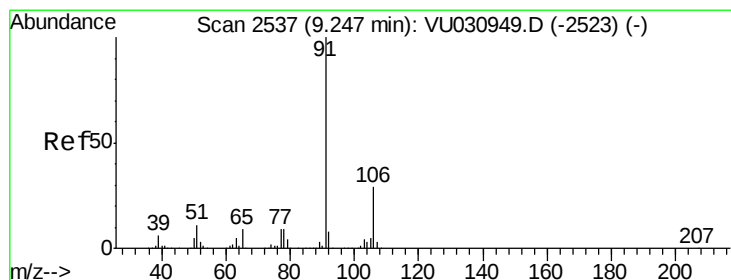
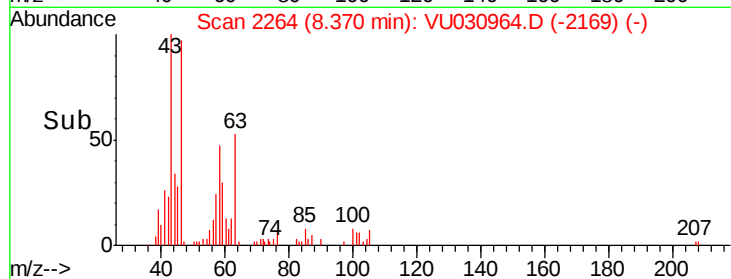
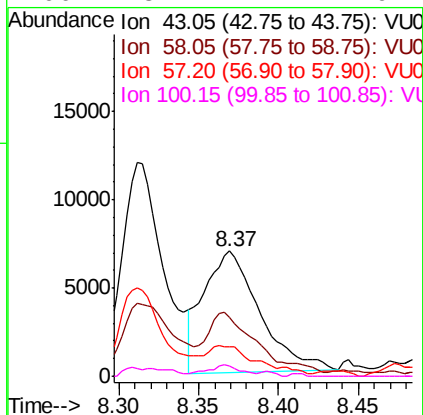
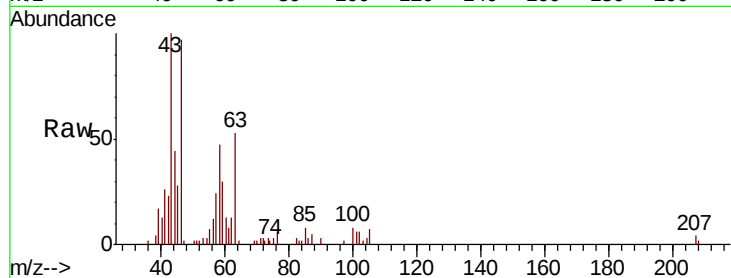




#48
2-Hexanone
Concen: 1.830 ug/L
RT: 8.37 min Scan# 2264
Delta R.T. 0.01 min
Lab File: VU030964.D
Acq: 09 Apr 2019 18:09

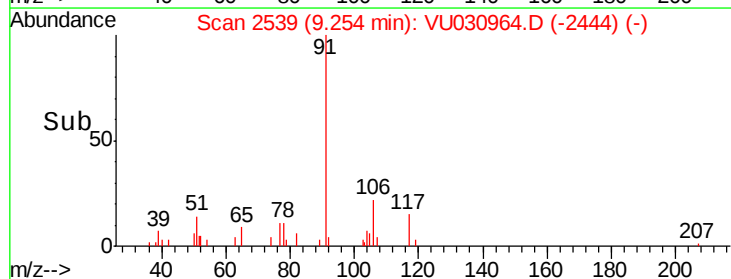
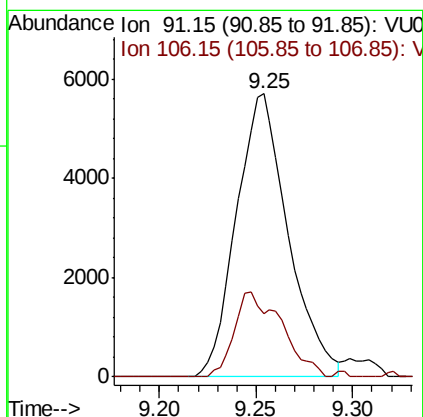
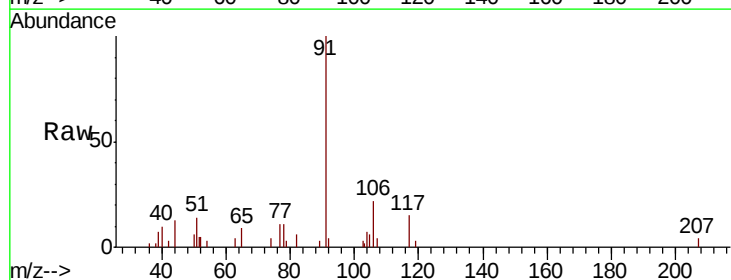
Instrument :
MSVOA_U
ClientSampleId :
E3YB4

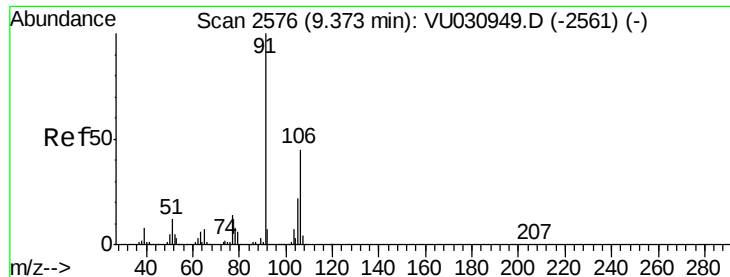
Tot Ion: 43 Resp: 16628
Ion Ratio Lower Upper
43 100
58 46.5 42.5 63.7
57 23.3 13.9 20.9#
100 5.4 7.1 10.7#



#52
Ethylbenzene
Concen: 0.130 ug/L
RT: 9.25 min Scan# 2539
Delta R.T. 0.01 min
Lab File: VU030964.D
Acq: 09 Apr 2019 18:09

Tgt Ion: 91 Resp: 10645
Ion Ratio Lower Upper
91 100
106 22.4 20.2 37.4





#53

m,p-Xylene

Concen: 0.109 ug/L

RT: 9.37 min Scan# 2576

Delta R.T. 0.00 min

Lab File: VU030964.D

Acq: 09 Apr 2019 18:09

Instrument :

MSVOA_U

ClientSampleId :

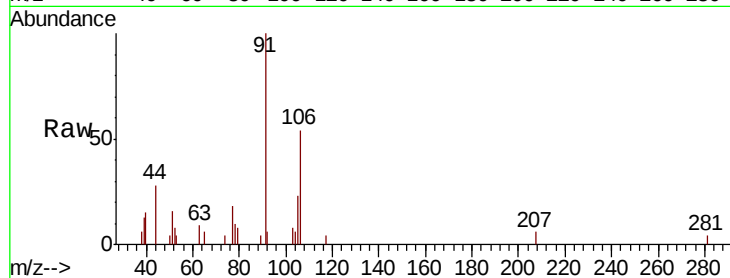
E3YB4

Tot Ion:106 Resp: 3098

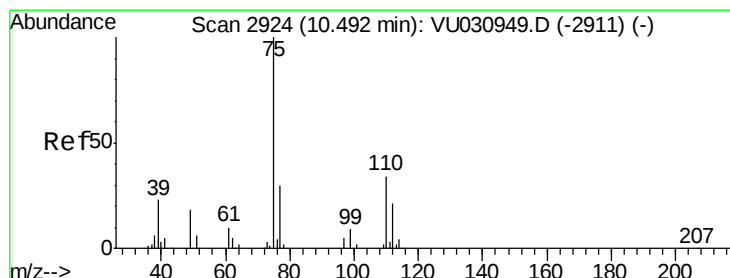
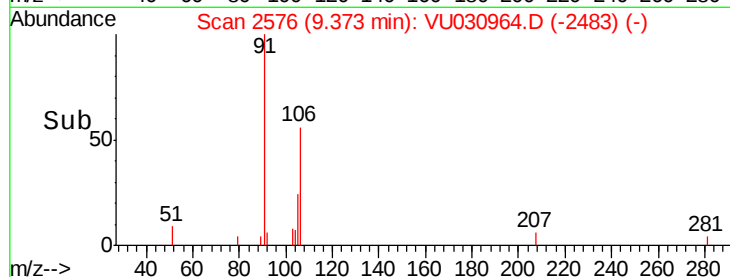
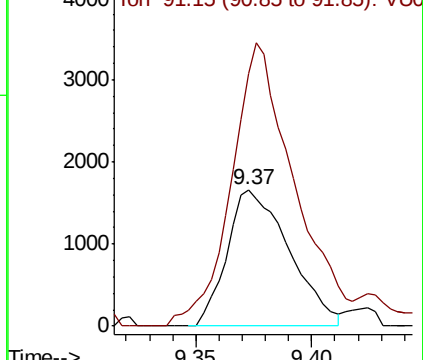
Ion Ratio Lower Upper

106 100

91 185.1 147.4 273.8



Abundance Ion 106.15 (105.85 to 106.85): VU030949.D (-2561) (-)



#59

1,2,3-Trichloropropane

Concen: 0.953 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU030964.D

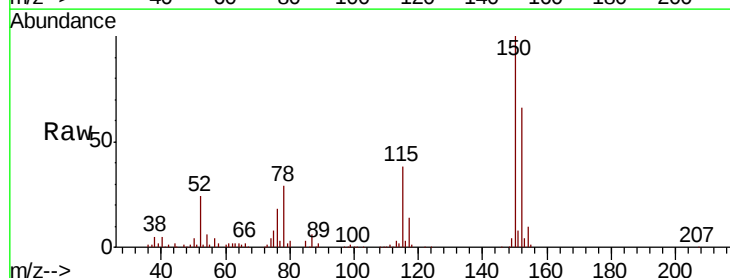
Acq: 09 Apr 2019 18:09

Tgt Ion: 75 Resp: 11189

Ion Ratio Lower Upper

75 100

77 38.2 25.6 38.4



Abundance Ion 75.00 (74.70 to 75.70): VU030949.D (-2911) (-)

