

Data File : VU032225.D
Acq On : 22 May 2019 16:19
Operator : JC/SP
Sample : K3001-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E3YE8

Quant Time: May 23 01:50:37 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR052219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu May 23 01:46:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	413420	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	416140	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	174286	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	119055	5.13	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.60%
7) Chloroethane-d5	1.68	69	99043	4.57	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.40%
11) 1,1-Dichloroethene-d2	2.27	63	172375	4.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.60%
20) 2-Butanone-d5	4.19	46	251630	38.42	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	76.84%
24) Chloroform-d	4.64	84	225138	3.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.00%
26) 1,2-Dichloroethane-d4	5.31	65	111450	3.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.00%
32) Benzene-d6	5.33	84	472913	4.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.20%
36) 1,2-Dichloropropane-d6	6.33	67	136186	3.55	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	71.00%
41) Toluene-d8	7.56	98	399455	3.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	69.60%#
43) trans-1,3-Dichloropropene-	7.85	79	44458	3.02	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	60.40%
46) 2-Hexanone-d5	8.31	63	210552	37.95	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	75.90%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	107328	2.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	56.40%#
64) 1,2-Dichlorobenzene-d4	11.86	152	145229	3.02	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	60.40%#

Target Compounds

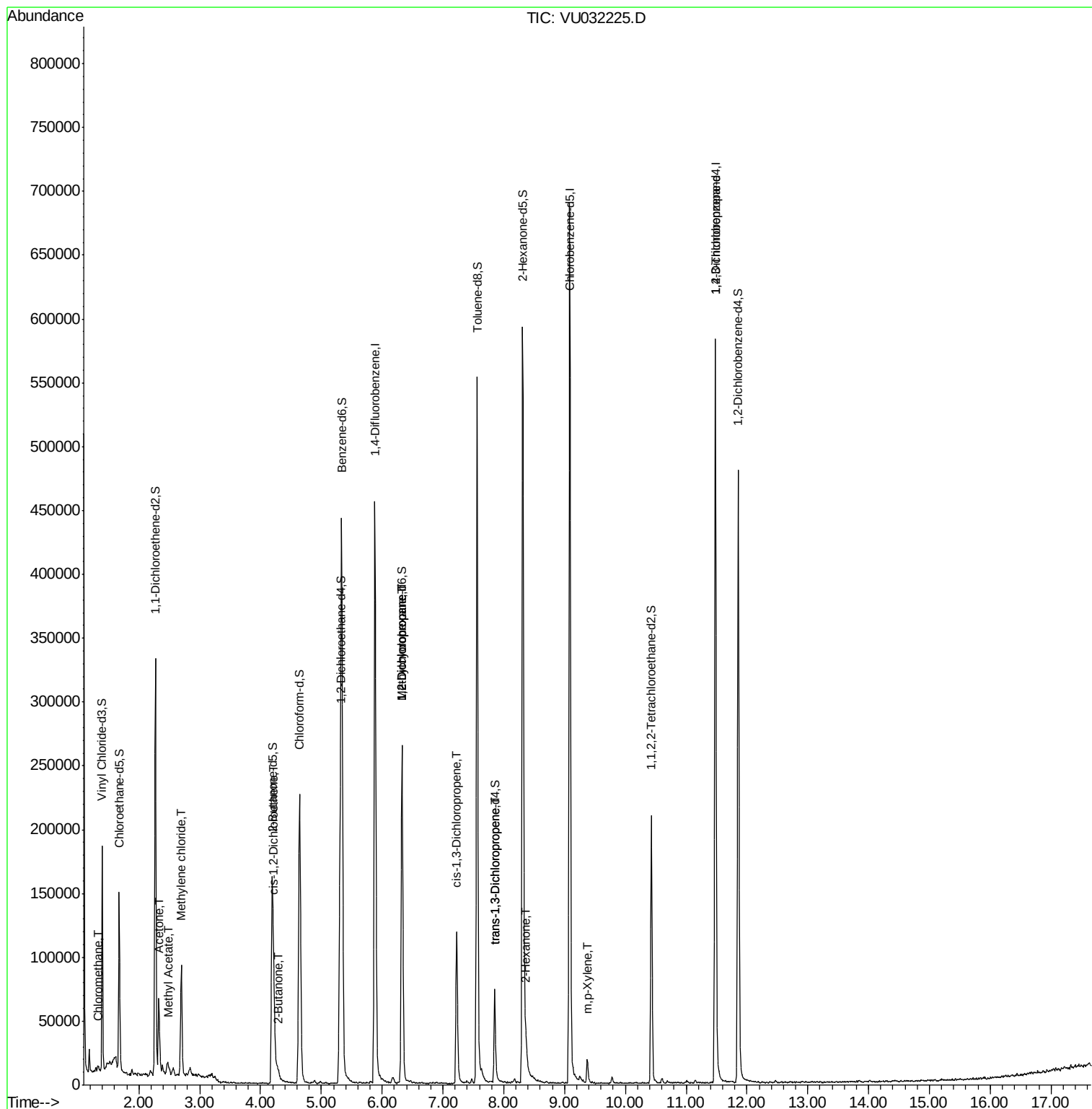
					Qvalue
3) Chloromethane	1.32	50	2610	0.147 ug/L	94
13) Acetone	2.33	43	62638	30.870 ug/L	99
15) Methyl Acetate	2.48	43	1734	0.291 ug/L #	41
16) Methylene chloride	2.70	84	43909	2.237 ug/L	96
21) 2-Butanone	4.30	43	8957	2.926 ug/L	97
22) cis-1,2-Dichloroethene	4.22	96	11839	0.768 ug/L	81
35) Methylcyclohexane	6.33	83	32102	1.443 ug/L #	20
37) 1,2-Dichloropropane	6.33	63	14225	1.050 ug/L #	86
39) cis-1,3-Dichloropropene	7.22	75	3100	0.161 ug/L #	30
44) trans-1,3-Dichloropropene	7.85	75	1887	0.124 ug/L	94
48) 2-Hexanone	8.37	43	9009	1.714 ug/L #	89
53) m,p-Xylene	9.38	106	6134	0.274 ug/L	76
59) 1,2,3-Trichloropropane	11.48	75	17138	1.942 ug/L	98

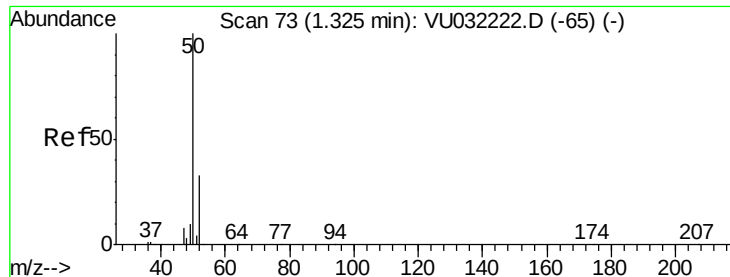
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.147 ug/L

RT: 1.32 min Scan# 73

Delta R.T. -0.00 min

Lab File: VU032225.D

Acq: 22 May 2019 16:19

Instrument :

MSVOA_U

ClientSampleId :

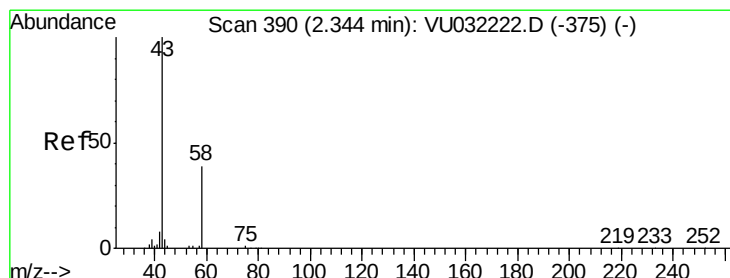
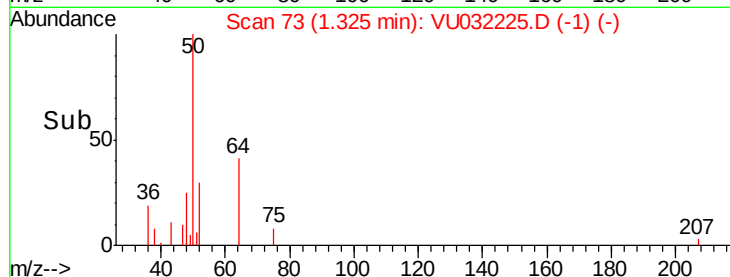
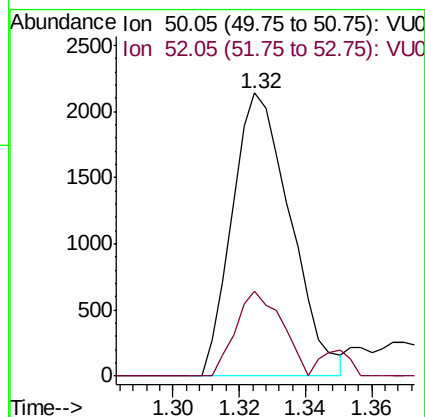
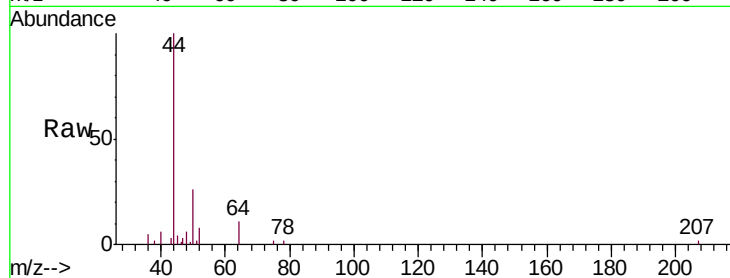
E3YE8

Tgt Ion: 50 Resp: 2610

Ion Ratio Lower Upper

50 100

52 30.2 23.3 43.3



#13

Acetone

Concen: 30.870 ug/L

RT: 2.33 min Scan# 385

Delta R.T. -0.02 min

Lab File: VU032225.D

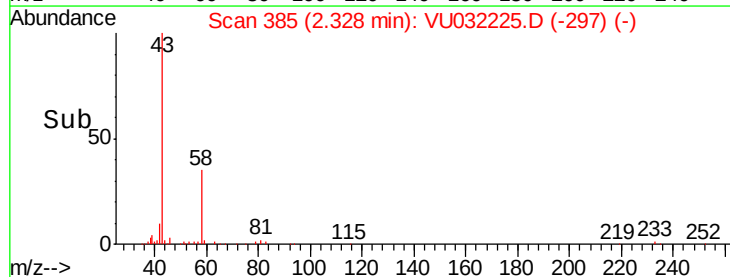
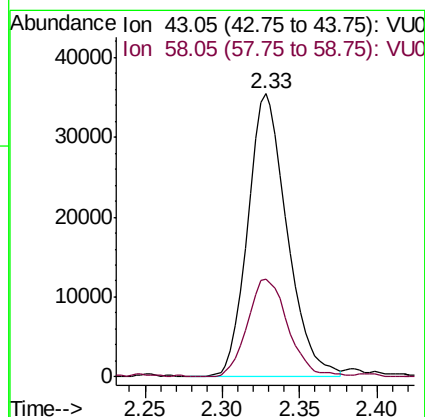
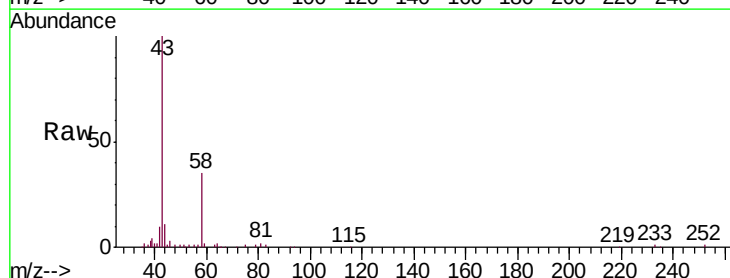
Acq: 22 May 2019 16:19

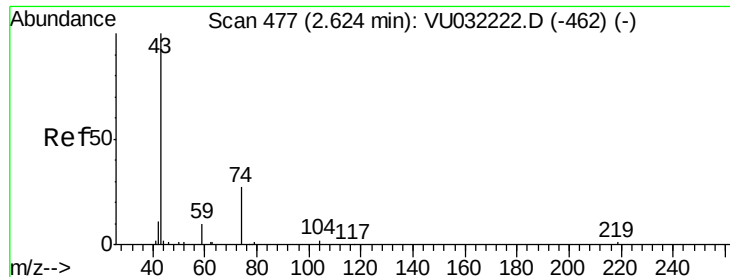
Tgt Ion: 43 Resp: 62638

Ion Ratio Lower Upper

43 100

58 35.8 0.0 72.6

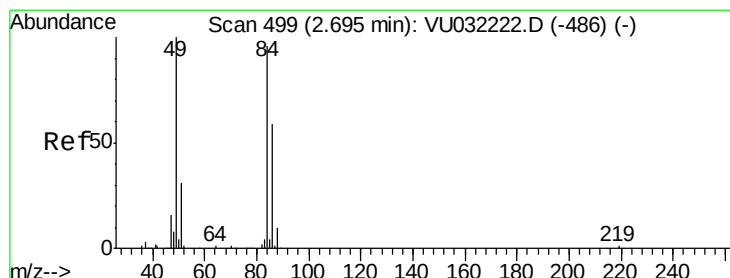
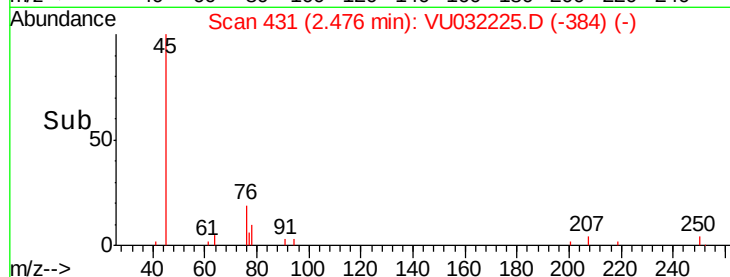
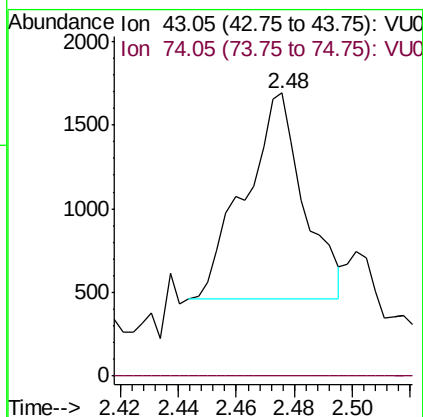
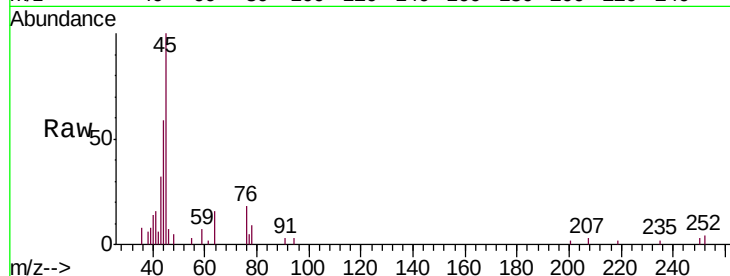




#15
Methyl Acetate
Concen: 0.291 ug/L
RT: 2.48 min Scan# 431
Delta R.T. -0.15 min
Lab File: VU032225.D
Acq: 22 May 2019 16:19

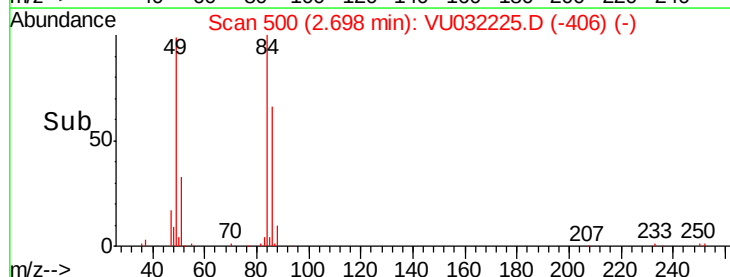
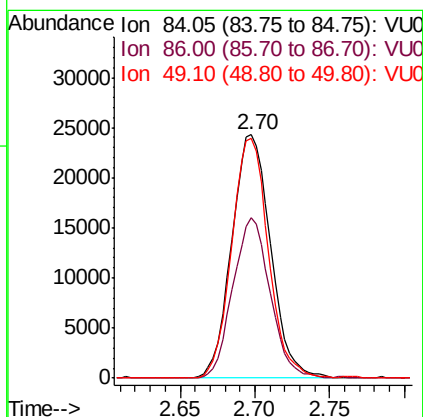
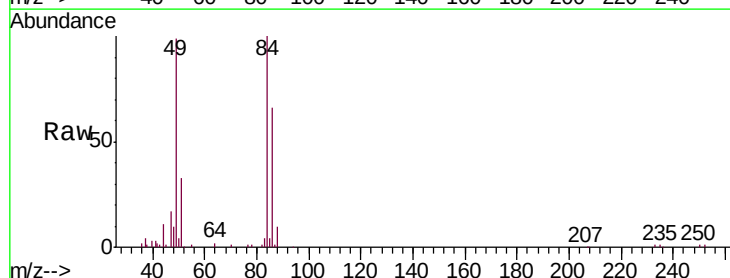
Instrument :
MSVOA_U
ClientSampled :
E3YE8

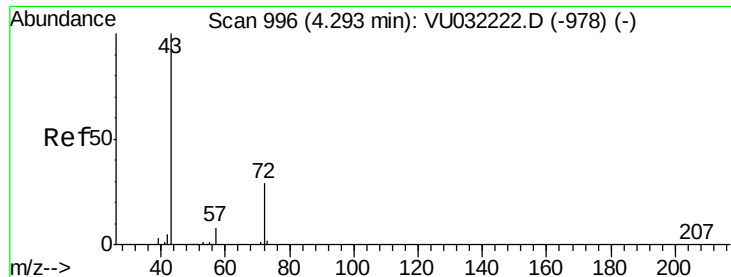
Tgt Ion: 43 Resp: 1734
Ion Ratio Lower Upper
43 100
74 0.0 27.3 40.9#



#16
Methylene chloride
Concen: 2.237 ug/L
RT: 2.70 min Scan# 500
Delta R.T. 0.00 min
Lab File: VU032225.D
Acq: 22 May 2019 16:19

Tgt Ion: 84 Resp: 43909
Ion Ratio Lower Upper
84 100
86 66.0 43.6 81.0
49 98.7 71.1 132.1





#21

2-Butanone

Concen: 2.926 ug/L

RT: 4.30 min Scan# 998

Delta R.T. 0.01 min

Lab File: VU032225.D

Acq: 22 May 2019 16:19

Instrument :

MSVOA_U

ClientSampleId :

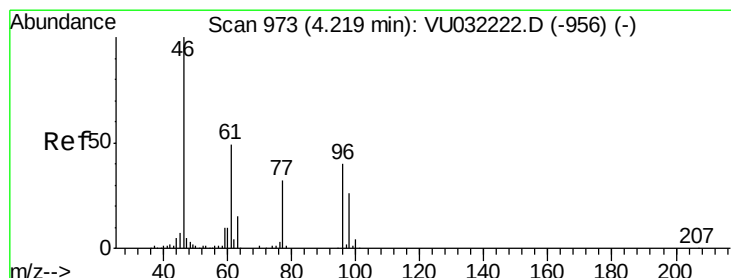
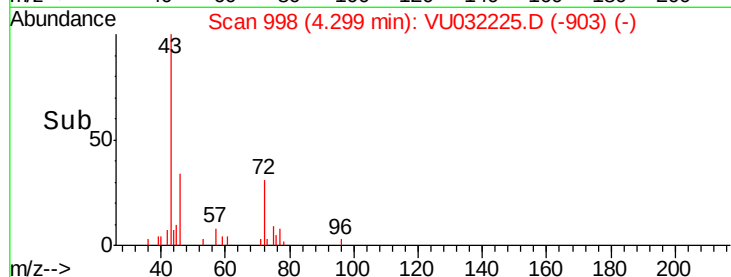
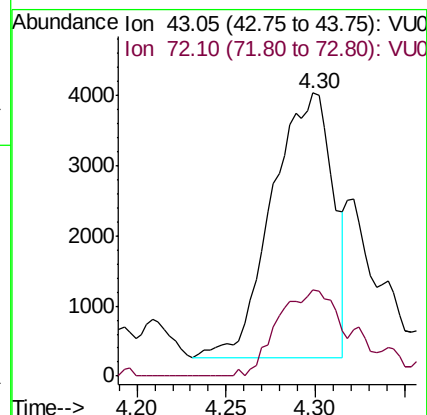
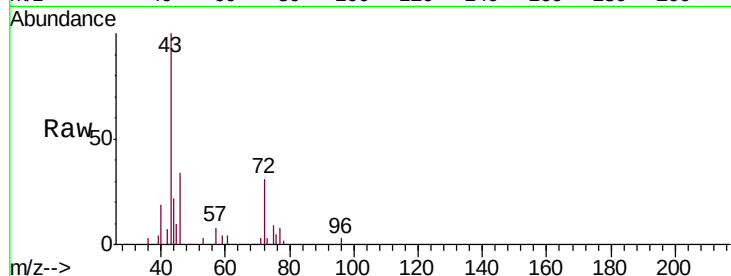
E3YE8

Tgt Ion: 43 Resp: 8957

Ion Ratio Lower Upper

43 100

72 31.9 15.2 45.6



#22

cis-1,2-Dichloroethene

Concen: 0.768 ug/L

RT: 4.22 min Scan# 974

Delta R.T. 0.00 min

Lab File: VU032225.D

Acq: 22 May 2019 16:19

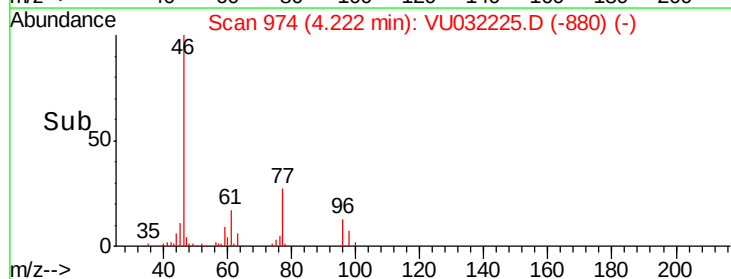
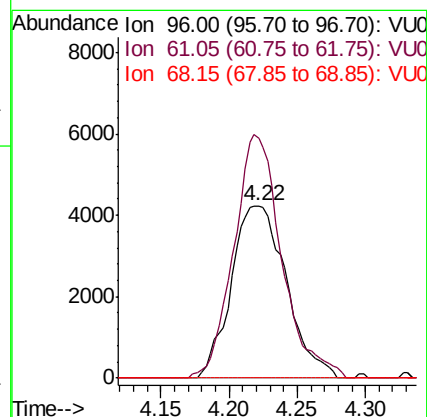
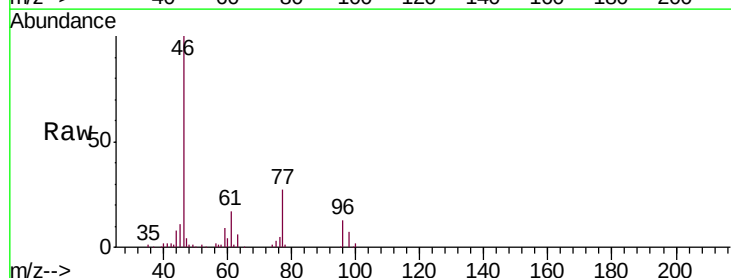
Tgt Ion: 96 Resp: 11839

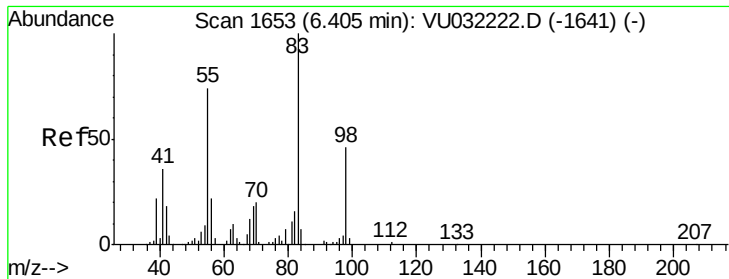
Ion Ratio Lower Upper

96 100

61 139.1 82.5 153.1

68 0.0 0.0 0.0

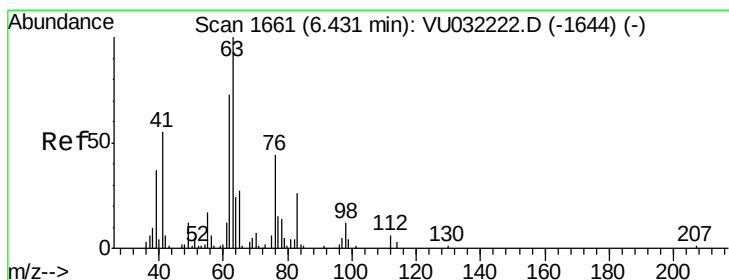
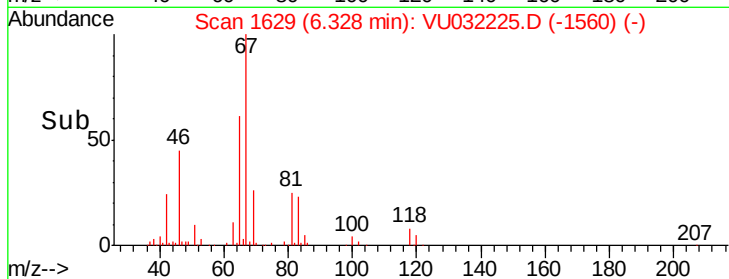
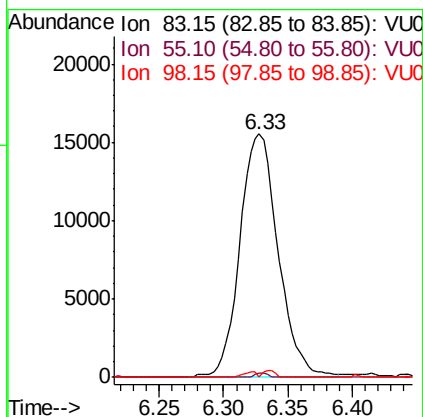
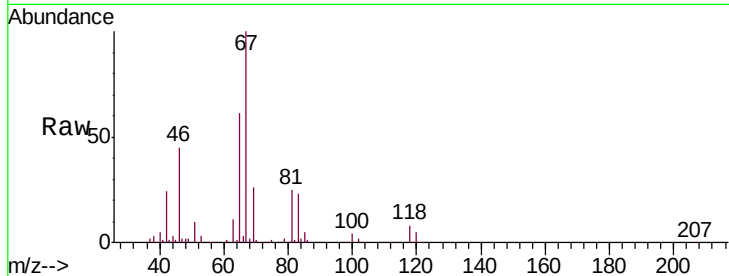




#35
Methylcyclohexane
Concen: 1.443 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.08 min
Lab File: VU032225.D
Acq: 22 May 2019 16:19

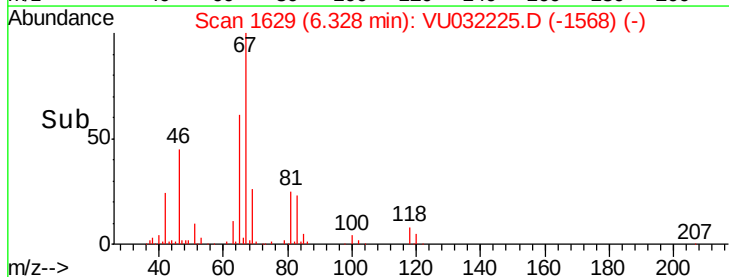
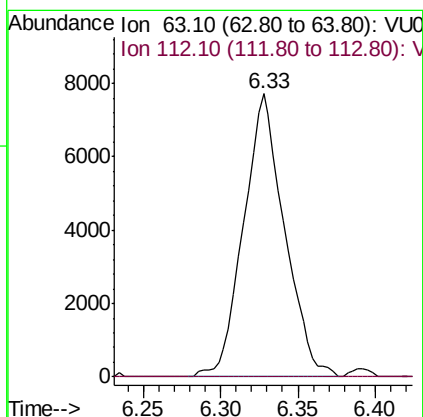
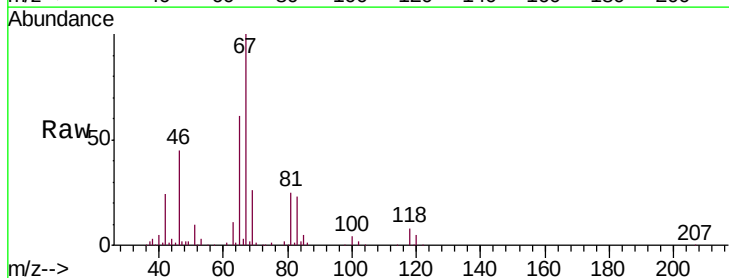
Instrument :
MSVOA_U
ClientSampleId :
E3YE8

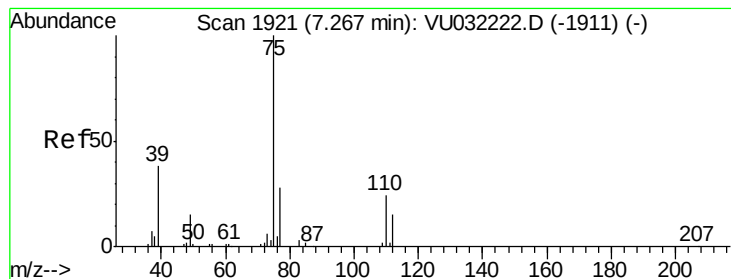
Tgt Ion: 83 Resp: 32102
Ion Ratio Lower Upper
83 100
55 0.6 59.7 89.5#
98 0.9 37.5 56.3#



#37
1,2-Dichloropropane
Concen: 1.050 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.10 min
Lab File: VU032225.D
Acq: 22 May 2019 16:19

Tgt Ion: 63 Resp: 14225
Ion Ratio Lower Upper
63 100
112 0.3 3.8 5.8#



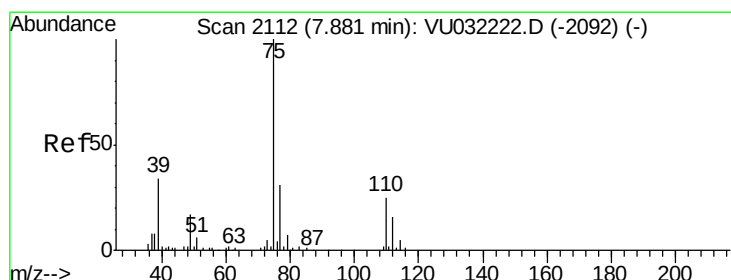
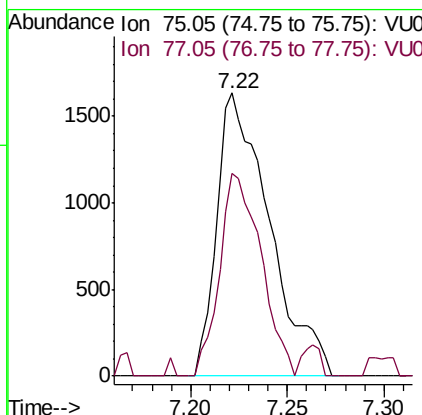
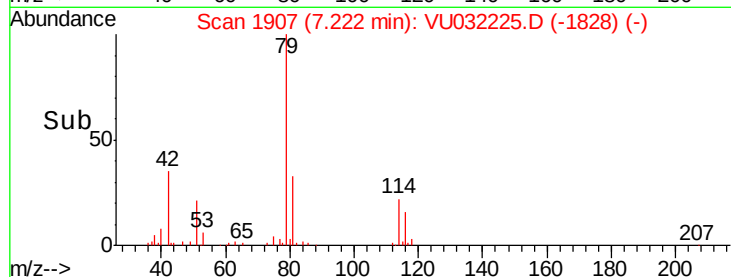
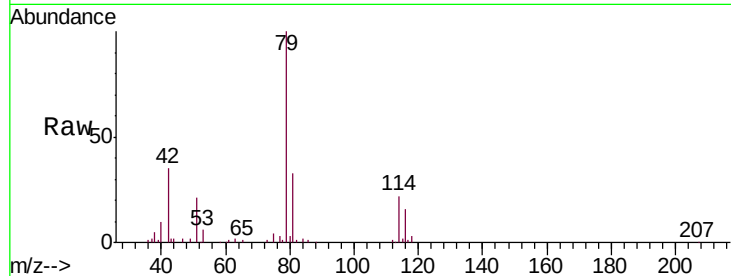


#39

cis-1,3-Dichloropropene
Concen: 0.161 ug/L
RT: 7.22 min Scan# 1907
Delta R.T. -0.05 min
Lab File: VU032225.D
Acq: 22 May 2019 16:19

Instrument :
MSVOA_U
ClientSampleId :
E3YE8

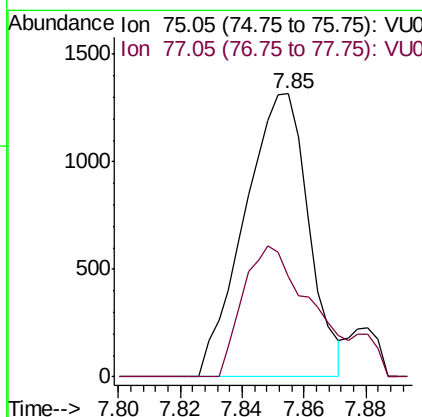
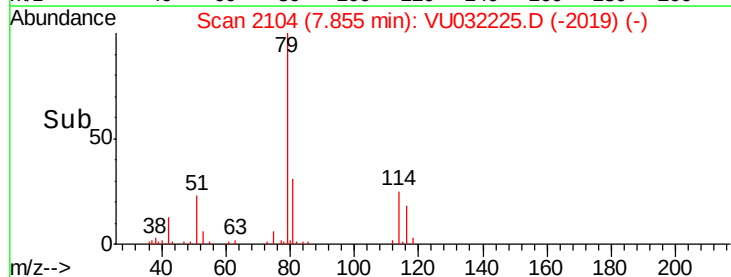
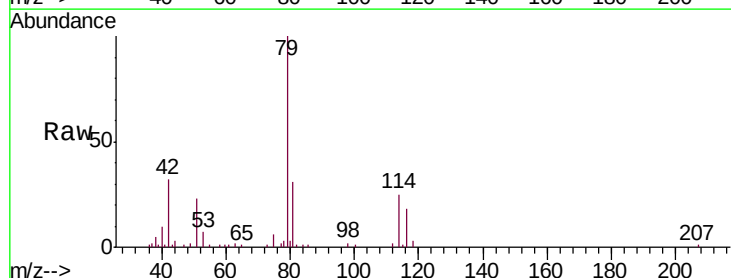
Tgt Ion: 75 Resp: 3100
Ion Ratio Lower Upper
75 100
77 71.7 22.6 42.0#

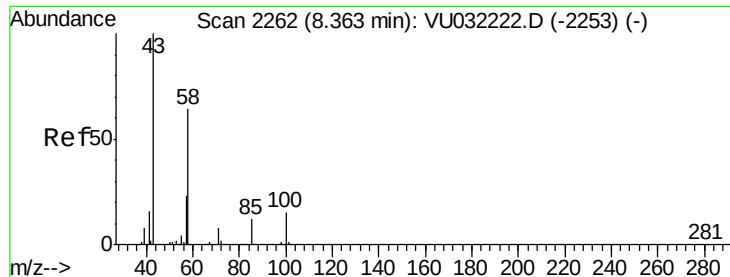


#44

trans-1,3-Dichloropropene
Concen: 0.124 ug/L
RT: 7.85 min Scan# 2104
Delta R.T. -0.03 min
Lab File: VU032225.D
Acq: 22 May 2019 16:19

Tgt Ion: 75 Resp: 1887
Ion Ratio Lower Upper
75 100
77 35.3 22.5 41.9

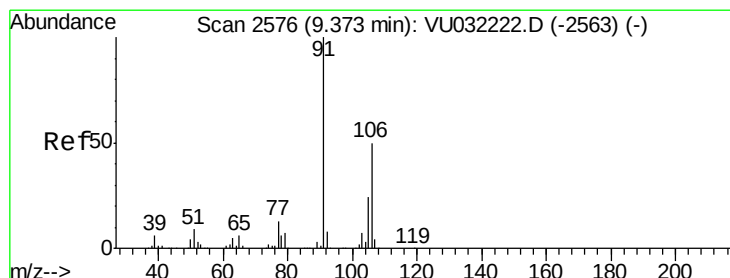
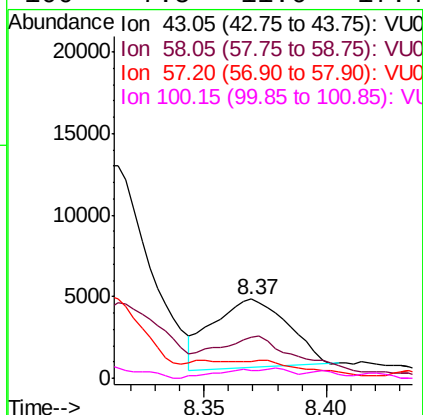
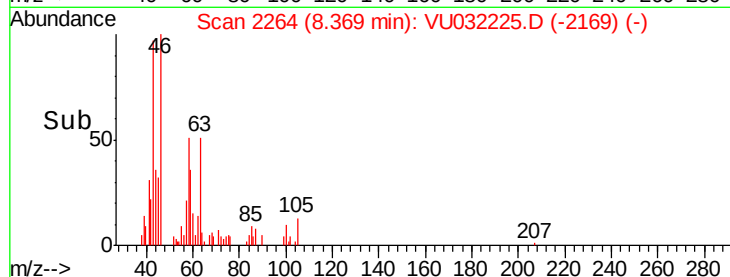
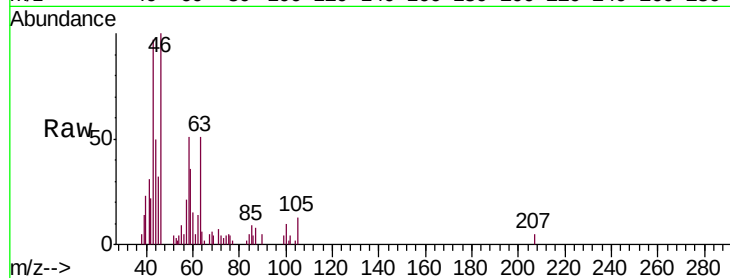




#48
2-Hexanone
Concen: 1.714 ug/L
RT: 8.37 min Scan# 2264
Delta R.T. 0.01 min
Lab File: VU032225.D
Acq: 22 May 2019 16:19

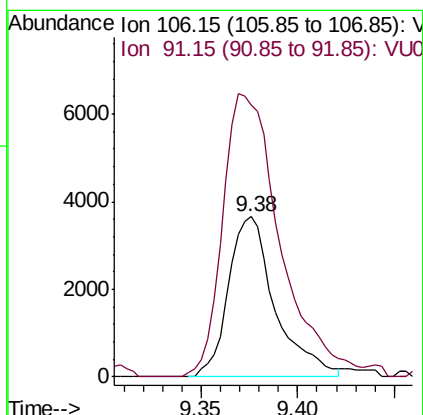
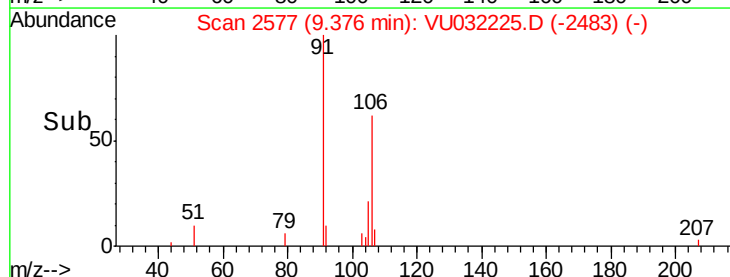
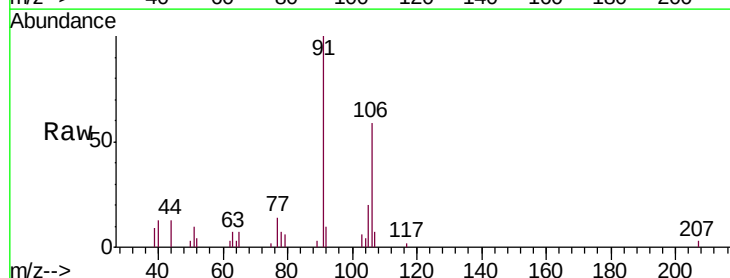
Instrument :
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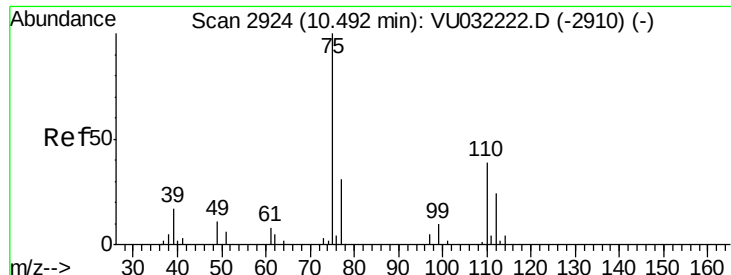
Tgt Ion: 43 Resp: 9009
Ion Ratio Lower Upper
43 100
58 72.0 49.7 74.5
57 20.9 17.1 25.7
100 7.5 11.6 17.4#



#53
m,p-Xylene
Concen: 0.274 ug/L
RT: 9.38 min Scan# 2577
Delta R.T. 0.00 min
Lab File: VU032225.D
Acq: 22 May 2019 16:19

Tgt Ion: 106 Resp: 6134
Ion Ratio Lower Upper
106 100
91 169.1 143.9 267.2





#59

1,2,3-Trichloropropane

Concen: 1.942 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU032225.D

Acq: 22 May 2019 16:19

Instrument :

MSVOA_U

ClientSampleId :

E3YE8

Tgt Ion: 75 Resp: 17138

Ion Ratio Lower Upper

75 100

77 36.7 28.2 42.4

