

Data File : VU032960.D
Acq On : 21 Jun 2019 21:24
Operator : JC/SP
Sample : K3463-20
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETF28

Quant Time: Jun 22 02:00:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jun 22 01:56:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	189908	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	189116	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	89076	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	45797	35.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	70.58%
7) Chloroethane-d5	1.68	69	41273	39.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.74%
11) 1,1-Dichloroethene-d2	2.26	63	75176	28.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	57.50%#
21) 2-Butanone-d5	4.17	46	115019	106.48	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.48%
24) Chloroform-d	4.64	84	111666	44.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.52%
26) 1,2-Dichloroethane-d4	5.30	65	80883	48.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.26%
32) Benzene-d6	5.33	84	206755	41.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.88%
36) 1,2-Dichloropropane-d6	6.32	67	71234	45.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.72%
41) Toluene-d8	7.56	98	184526	39.97	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.94%#
43) trans-1,3-Dichloropropene-	7.85	79	33650	41.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.38%
47) 2-Hexanone-d5	8.31	63	67865	92.55	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.55%
57) 1,1,2,2-Tetrachloroethane-	10.42	84	112906	46.51	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.02%
64) 1,2-Dichlorobenzene-d4	11.85	152	79660	46.21	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.42%

Target Compounds

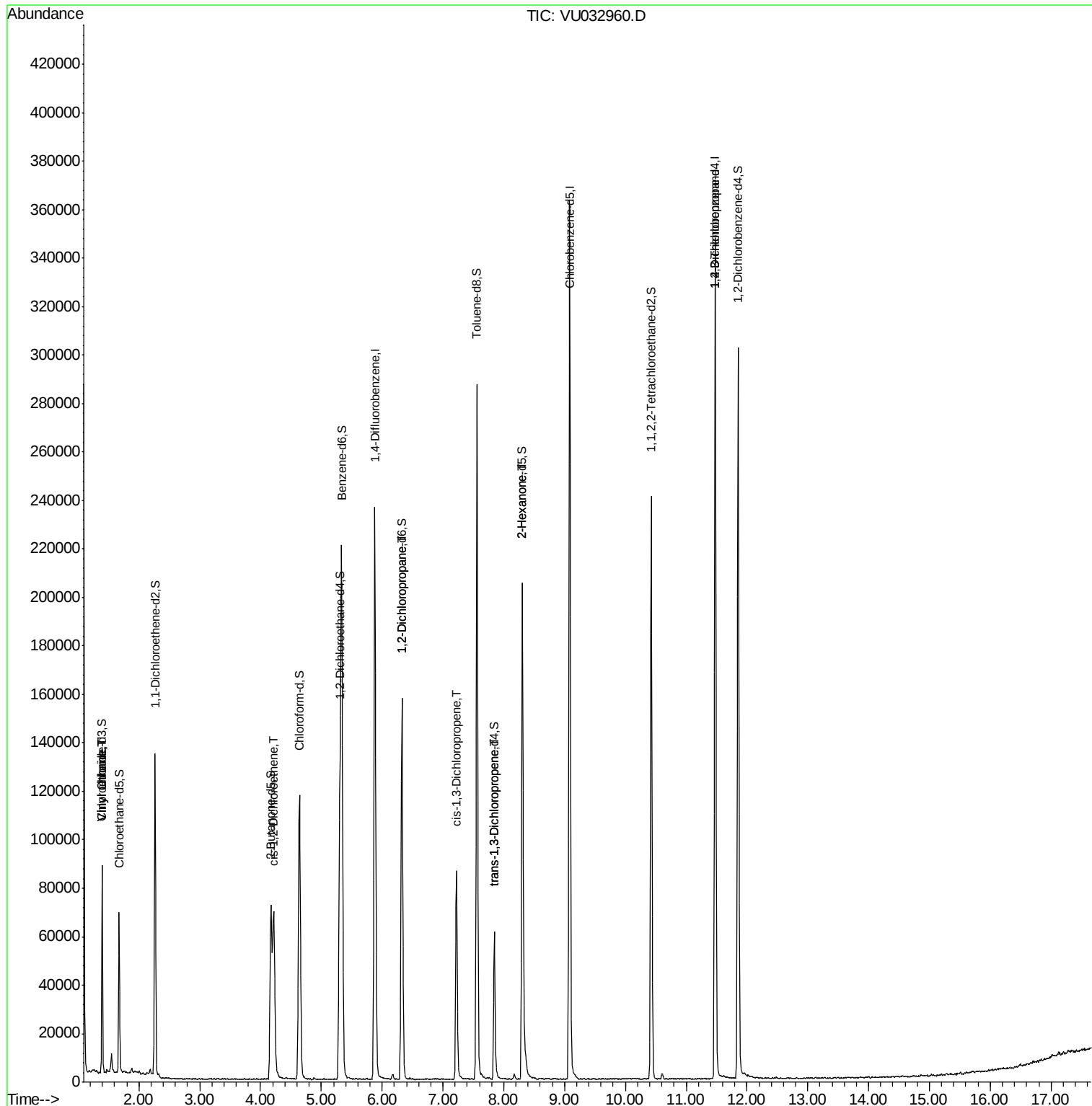
						Qvalue
5) Vinyl chloride	1.40	62	7095	4.114	ug/L	91
8) Chloroethane	1.40	64	2769	2.789	ug/L	98
20) cis-1,2-Dichloroethene	4.22	96	32902	23.289	ug/L	90
37) 1,2-Dichloropropane	6.32	63	8537	5.713	ug/L #	88
39) cis-1,3-Dichloropropene	7.22	75	2361	1.014	ug/L #	62
44) trans-1,3-Dichloropropene	7.85	75	1847	0.845	ug/L	87
48) 2-Hexanone	8.31	43	9201	4.371	ug/L #	72
59) 1,2,3-Trichloropropane	11.48	75	11338	5.685	ug/L	91

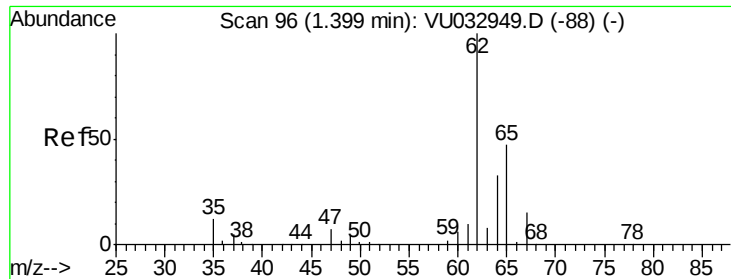
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 4.114 ug/L

RT: 1.40 min Scan# 96

Delta R.T. 0.00 min

Lab File: VU032960.D

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Instrument :

MSVOA_U

ClientSampleId :

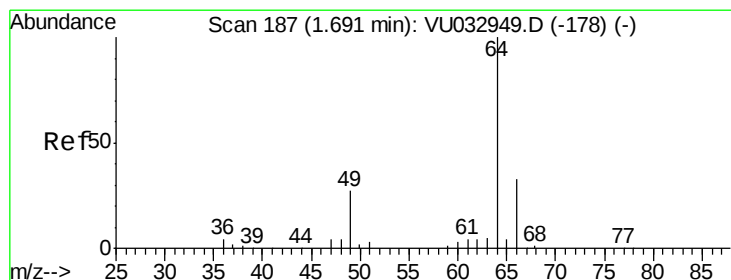
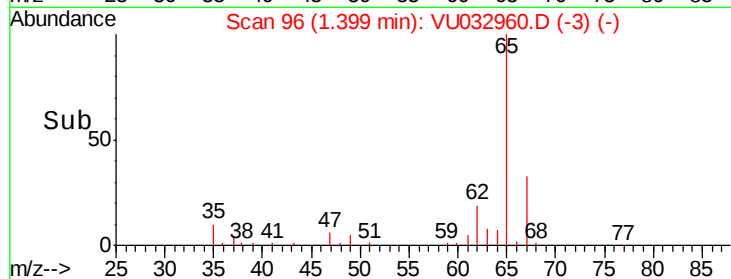
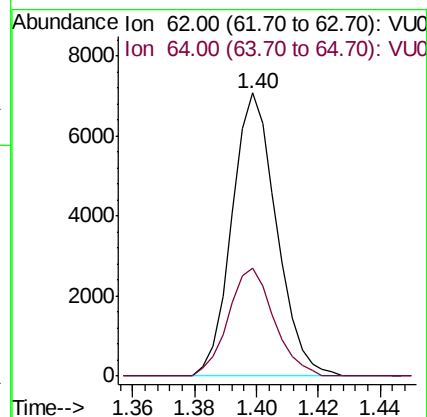
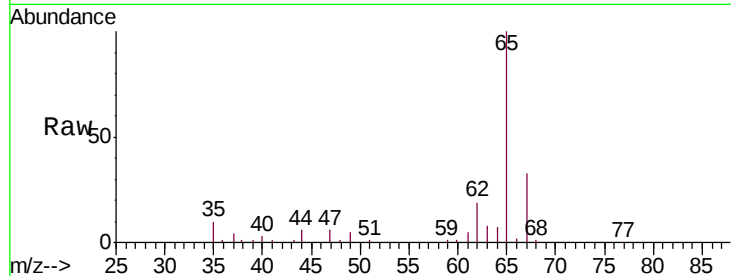
ETF28

Tgt Ion: 62 Resp: 7095

Ion Ratio Lower Upper

62 100

64 38.0 23.0 42.6



#8

Chloroethane

Concen: 2.789 ug/L

RT: 1.40 min Scan# 96

Delta R.T. -0.29 min

Lab File: VU032960.D

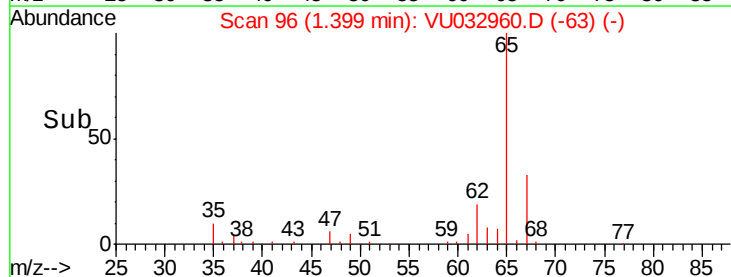
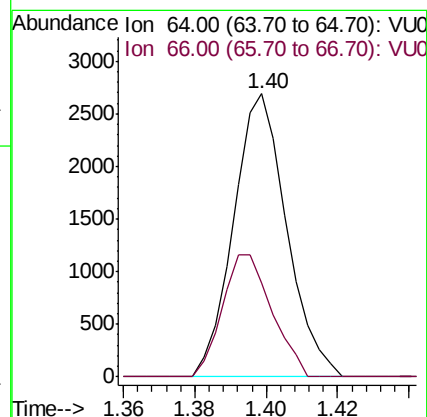
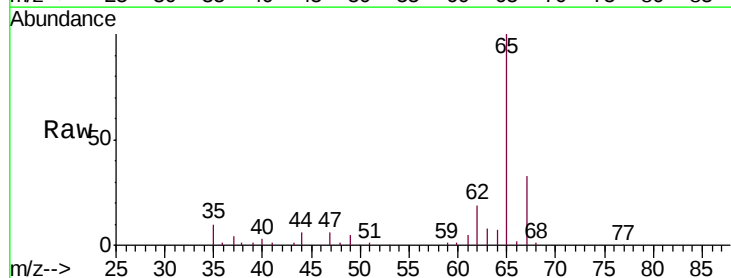
Acq: 21 Jun 2019 21:24

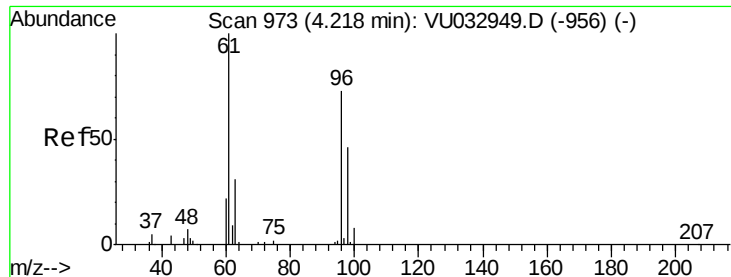
Tgt Ion: 64 Resp: 2769

Ion Ratio Lower Upper

64 100

66 33.0 22.5 41.7

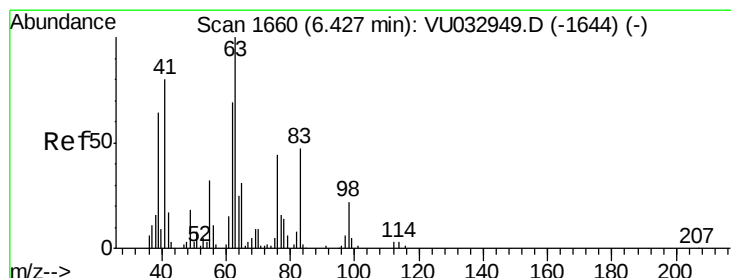
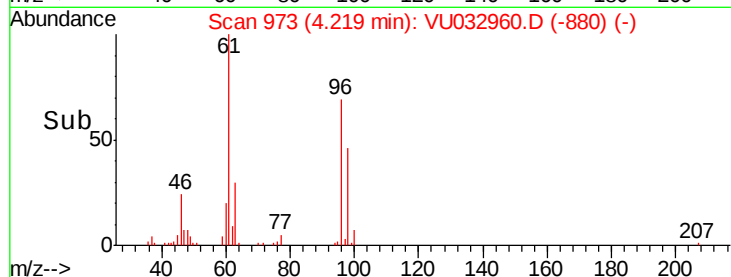
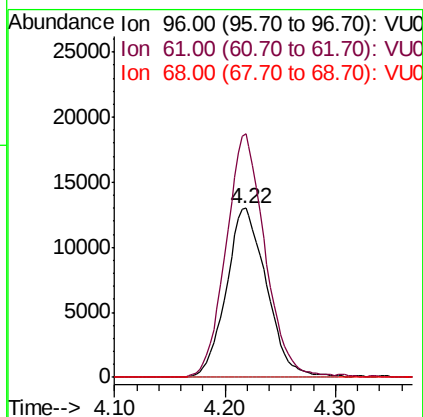
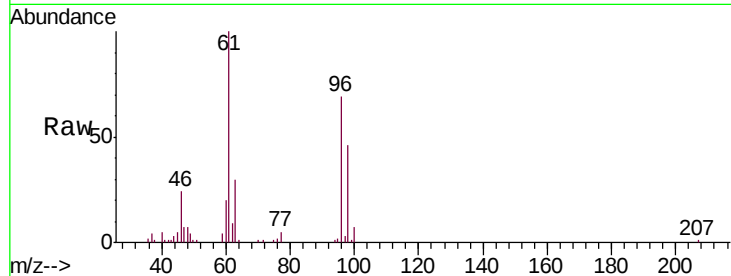




#20
 cis-1,2-Dichloroethene
 Concen: 23.289 ug/L
 RT: 4.22 min Scan# 973
 Delta R.T. 0.00 min
 Lab File: VU032960.D
 Acq: 21 Jun 2019 21:24

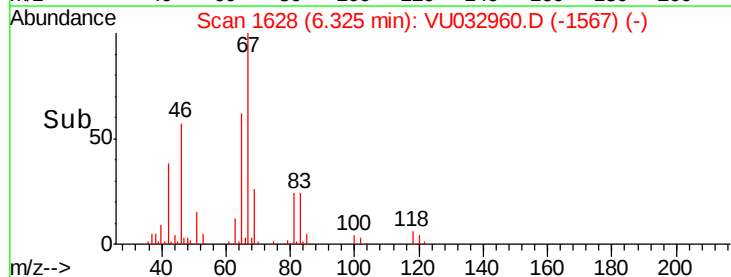
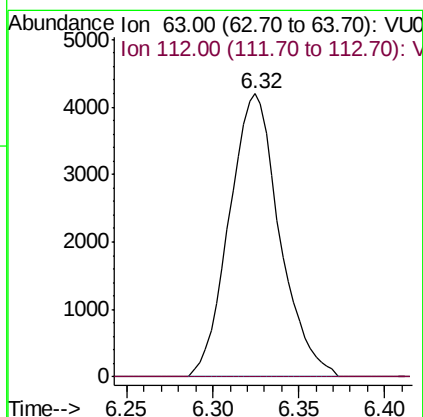
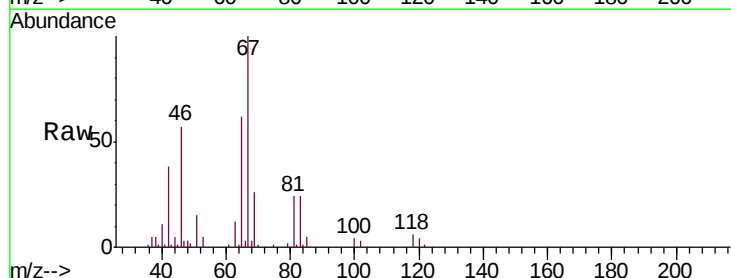
Instrument :
 MSVOA_U
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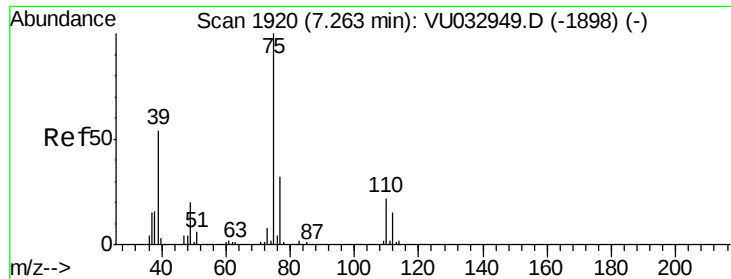
Tgt Ion: 96 Resp: 32902
 Ion Ratio Lower Upper
 96 100
 61 144.0 92.4 171.6
 68 0.0 0.0 0.0



#37
 1,2-Dichloropropane
 Concen: 5.713 ug/L
 RT: 6.32 min Scan# 1628
 Delta R.T. -0.10 min
 Lab File: VU032960.D
 Acq: 21 Jun 2019 21:24

Tgt Ion: 63 Resp: 8537
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.6#



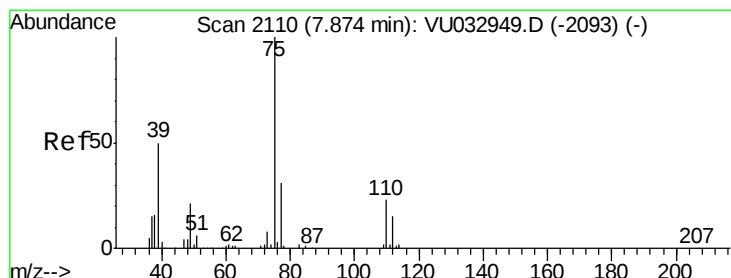
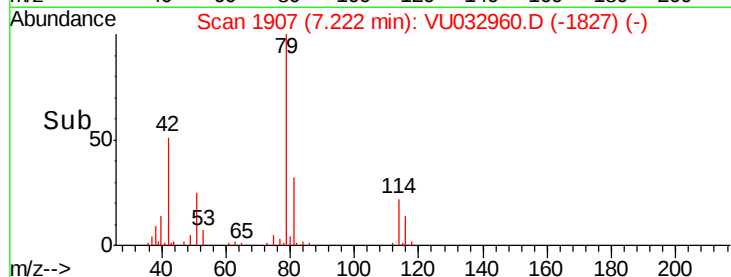
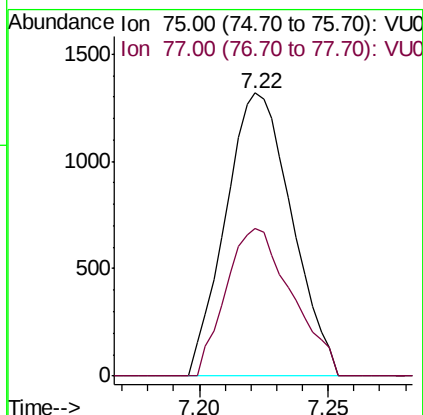
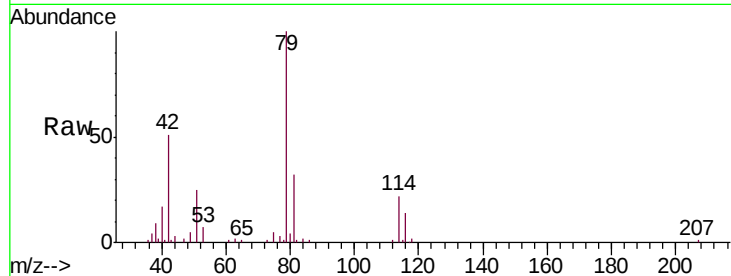


#39

cis-1,3-Dichloropropene
Concen: 1.014 ug/L
RT: 7.22 min Scan# 1907
Delta R.T. -0.04 min
Lab File: VU032960.D
Acq: 21 Jun 2019 21:24

Instrument :
MSVOA_U
ClientSampleId :
ETF28

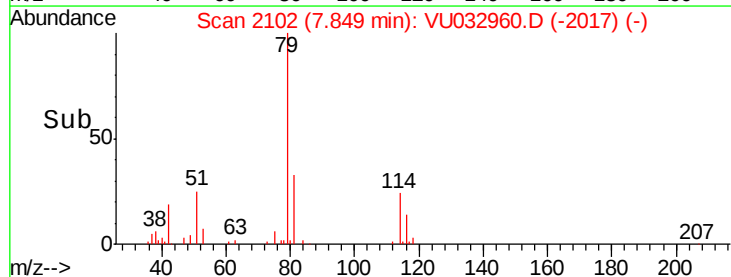
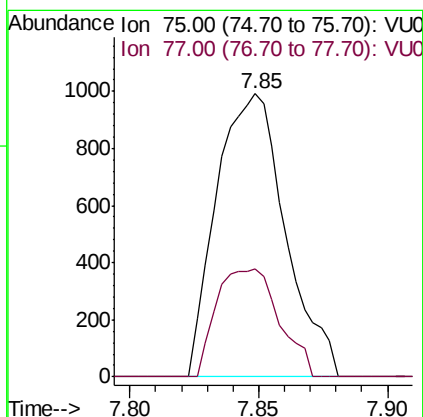
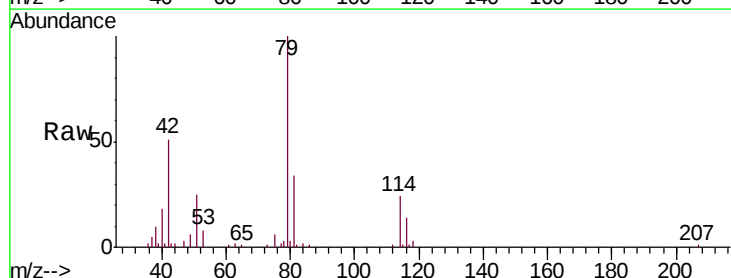
Tgt Ion: 75 Resp: 2361
Ion Ratio Lower Upper
75 100
77 52.4 21.9 40.7#

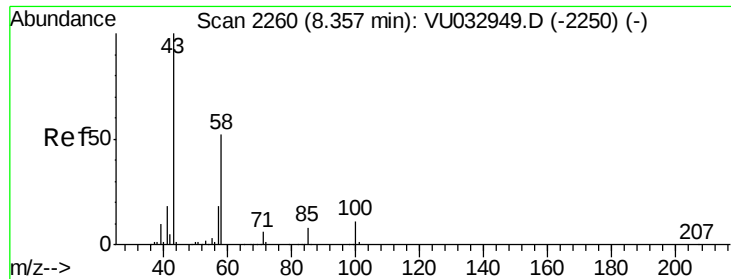


#44

trans-1,3-Dichloropropene
Concen: 0.845 ug/L
RT: 7.85 min Scan# 2102
Delta R.T. -0.03 min
Lab File: VU032960.D
Acq: 21 Jun 2019 21:24

Tgt Ion: 75 Resp: 1847
Ion Ratio Lower Upper
75 100
77 38.1 21.8 40.4

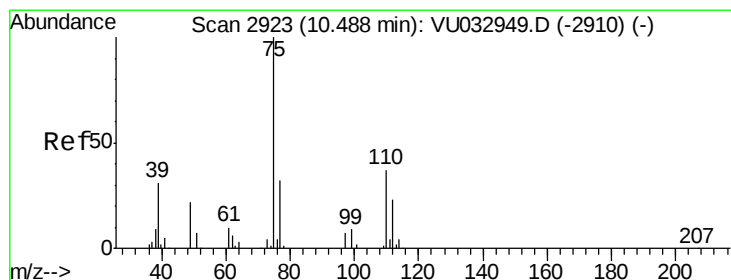
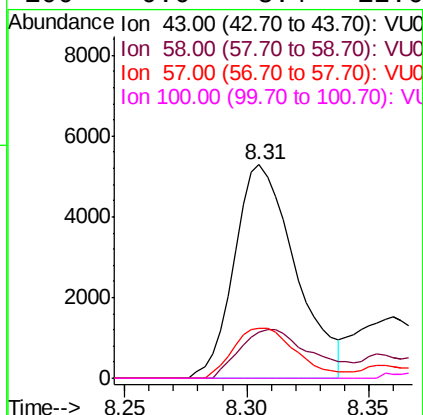
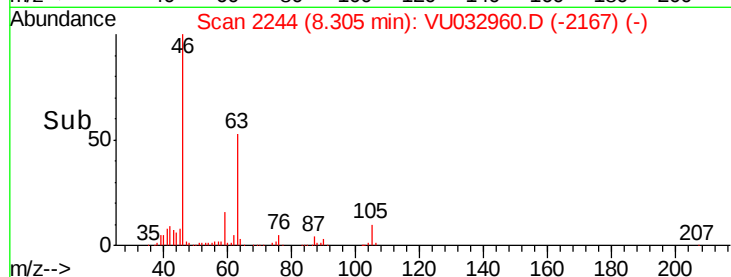
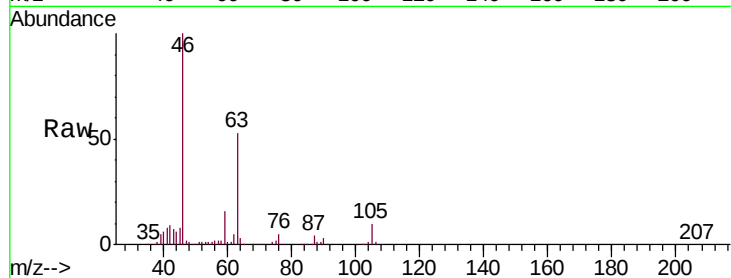




#48
2-Hexanone
Concen: 4.371 ug/L
RT: 8.31 min Scan# 2244
Delta R.T. -0.05 min
Lab File: VU032960.D
Acq: 21 Jun 2019 21:24

Instrument :
MSVOA_U
ClientSampleId :
ETF28

Tgt Ion: 43 Resp: 9201
Ion Ratio Lower Upper
43 100
58 27.2 40.2 60.2#
57 24.2 14.2 21.4#
100 0.0 8.4 12.6#



#59
1,2,3-Trichloropropane
Concen: 5.685 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU032960.D
Acq: 21 Jun 2019 21:24

Tgt Ion: 75 Resp: 11338
Ion Ratio Lower Upper
75 100
77 37.1 25.5 38.3

