

Data File : VU033027.D
Acq On : 24 Jun 2019 23:40
Operator : JC/SP
Sample : K3463-16DL 5X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETF16DL

Quant Time: Jun 25 07:00:25 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jun 25 06:54:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	194327	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	191913	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	90802	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	63380	47.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.44%
7) Chloroethane-d5	1.68	69	51980	49.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.16%
11) 1,1-Dichloroethene-d2	2.26	63	98714	36.90	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.80%
21) 2-Butanone-d5	4.17	46	121498	109.92	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.92%
24) Chloroform-d	4.64	84	129947	50.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.66%
26) 1,2-Dichloroethane-d4	5.30	65	90527	52.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.28%
32) Benzene-d6	5.33	84	254365	50.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.68%
36) 1,2-Dichloropropane-d6	6.32	67	82181	51.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.14%
41) Toluene-d8	7.56	98	228066	48.68	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.36%
43) trans-1,3-Dichloropropene-	7.85	79	38597	46.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.12%
47) 2-Hexanone-d5	8.31	63	72189	97.01	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.01%
57) 1,1,2,2-Tetrachloroethane-	10.42	84	119030	48.31	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.62%
64) 1,2-Dichlorobenzene-d4	11.85	152	89212	50.77	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.54%

Target Compounds

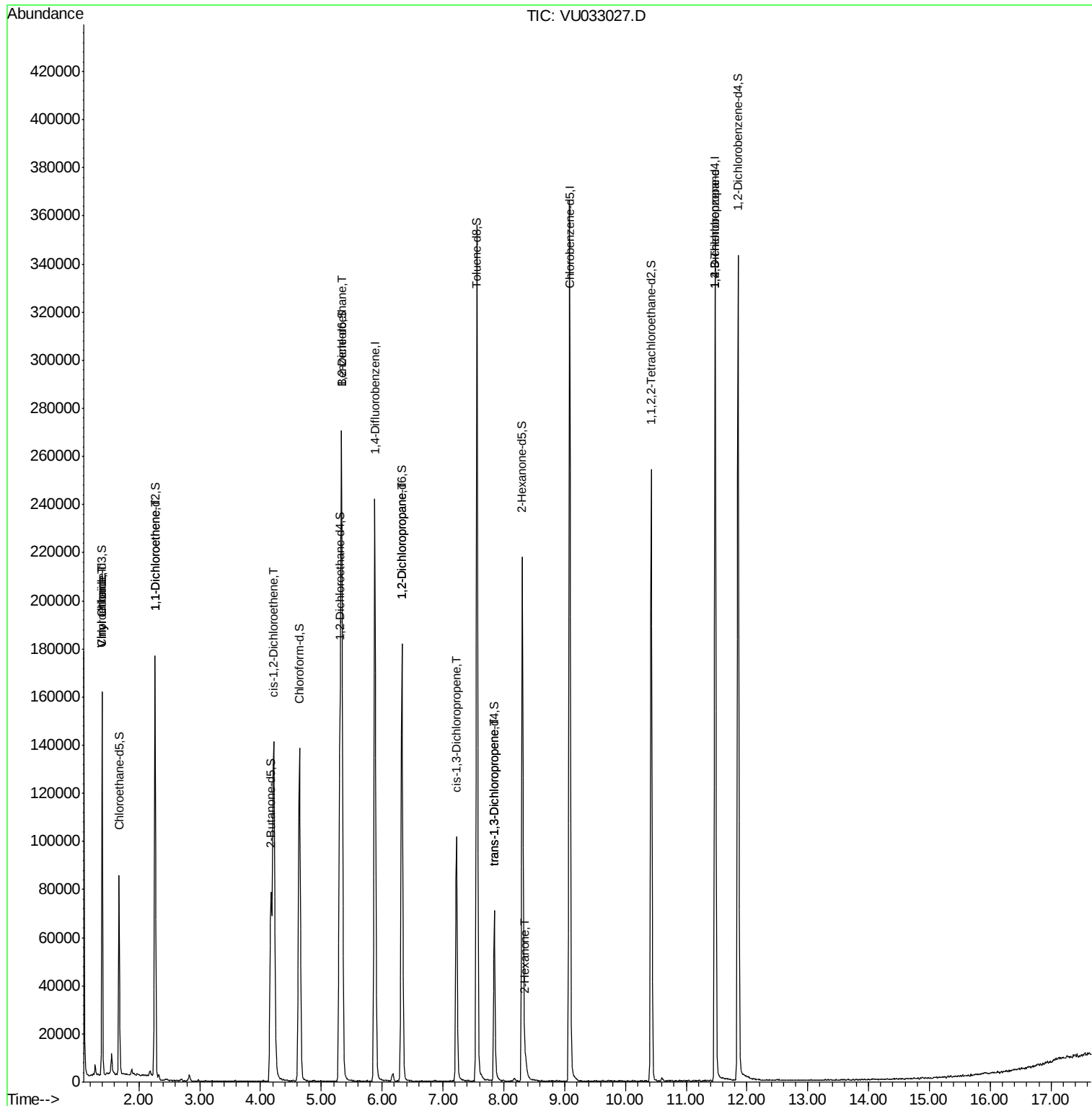
						Qvalue
5) Vinyl chloride	1.40	62	33379	18.915	ug/L	96
8) Chloroethane	1.40	64	11511	11.332	ug/L #	61
12) 1,1-Dichloroethene	2.27	96	811	0.663	ug/L #	1
20) cis-1,2-Dichloroethene	4.22	96	69752	48.249	ug/L	97
27) 1,2-Dichloroethane	5.33	62	1639	0.765	ug/L #	77
37) 1,2-Dichloropropane	6.32	63	9776	6.446	ug/L #	88
39) cis-1,3-Dichloropropene	7.22	75	2807	1.188	ug/L #	78
44) trans-1,3-Dichloropropene	7.84	75	1850	0.834	ug/L #	46
48) 2-Hexanone	8.35	43	2153	1.008	ug/L #	42
59) 1,2,3-Trichloropropane	11.48	75	10940	5.406	ug/L #	83

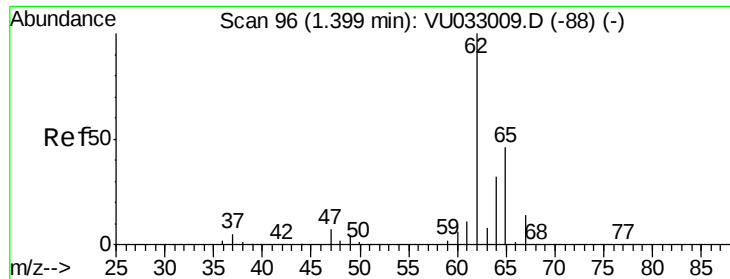
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU033027.D
Acq On : 24 Jun 2019 23:40
Operator : JC/SP
Sample : K3463-16DL 5X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETF16DL

Quant Time: Jun 25 07:00:25 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jun 25 06:54:49 2019
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 18.915 ug/L

RT: 1.40 min Scan# 96

Delta R.T. 0.00 min

Lab File: VU033027.D

Acq: 24 Jun 2019 23:40

Instrument :

MSVOA_U

ClientSampleId :

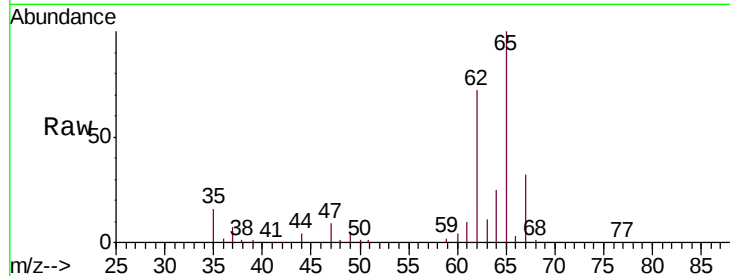
ETF16DL

Tgt Ion: 62 Resp: 33379

Ion Ratio Lower Upper

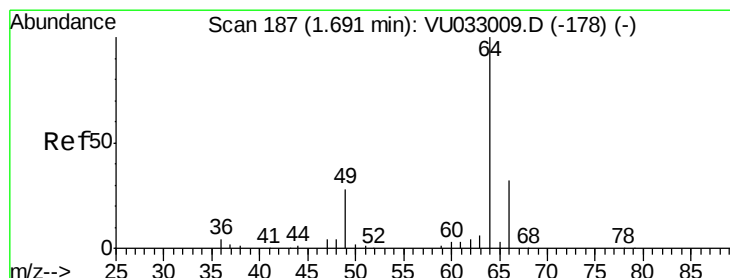
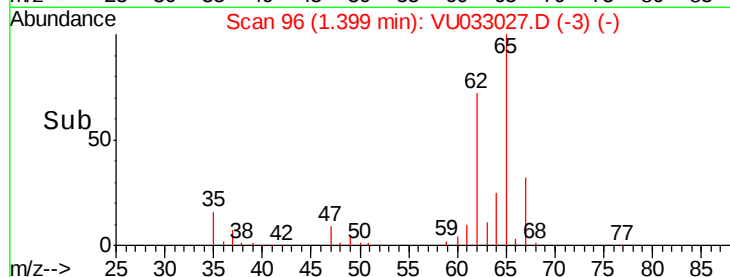
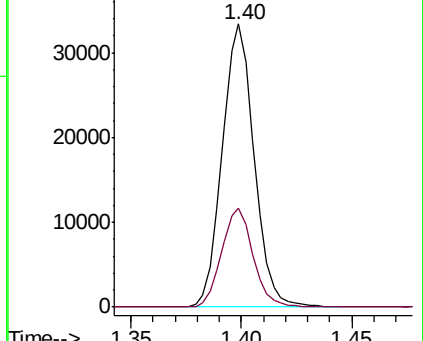
62 100

64 34.9 23.0 42.6



Abundance Ion 62.00 (61.70 to 62.70): VU033009.D (-88) (-)

Ion 64.00 (63.70 to 64.70): VU033009.D (-88) (-)



#8

Chloroethane

Concen: 11.332 ug/L

RT: 1.40 min Scan# 96

Delta R.T. -0.29 min

Lab File: VU033027.D

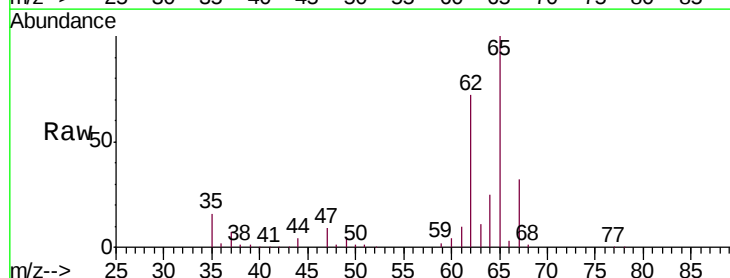
Acq: 24 Jun 2019 23:40

Tgt Ion: 64 Resp: 11511

Ion Ratio Lower Upper

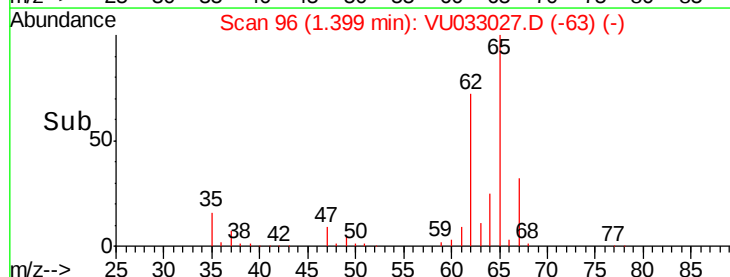
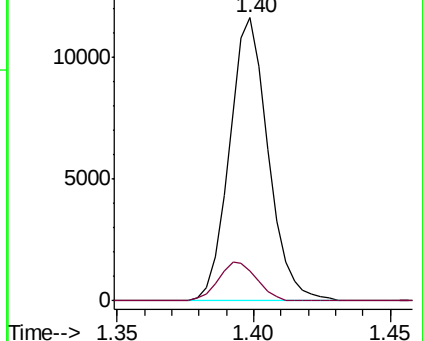
64 100

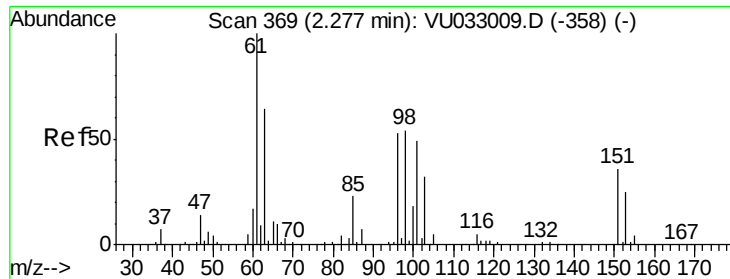
66 10.5 22.5 41.7#



Abundance Ion 64.00 (63.70 to 64.70): VU033009.D (-178) (-)

Ion 66.00 (65.70 to 66.70): VU033009.D (-178) (-)





#12

1,1-Dichloroethene

Concen: 0.663 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU033027.D

Acq: 24 Jun 2019 23:40

Instrument :

MSVOA_U

ClientSampleId :

ETF16DL

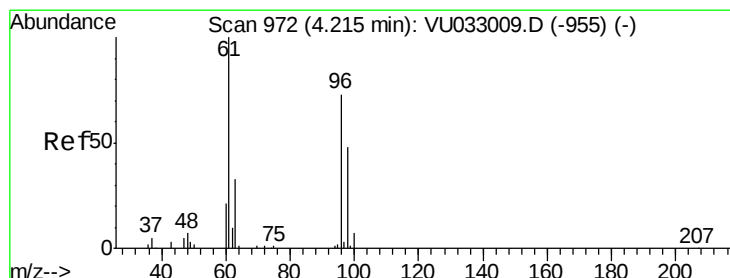
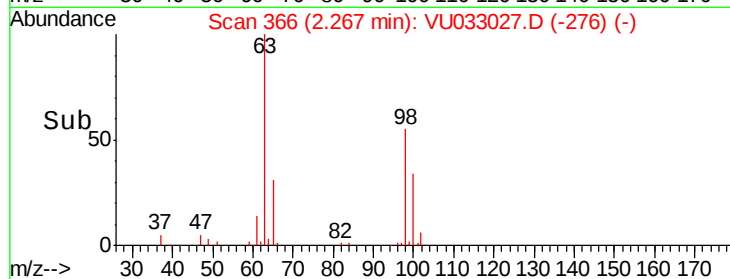
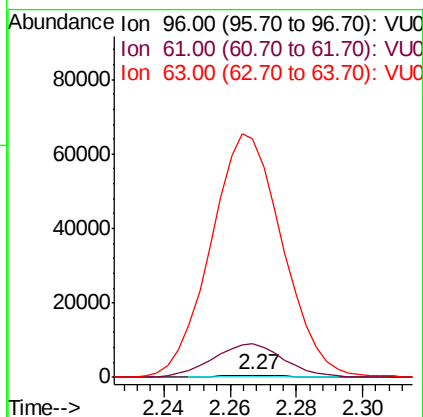
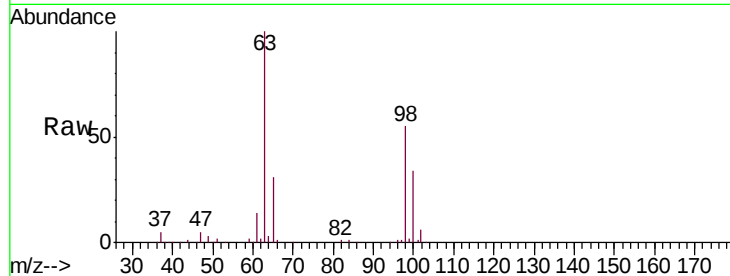
Tgt Ion: 96 Resp: 811

Ion Ratio Lower Upper

96 100

61 1618.0 131.0 243.4#

63 11654.6 101.0 187.6#



#20

cis-1,2-Dichloroethene

Concen: 48.249 ug/L

RT: 4.22 min Scan# 973

Delta R.T. 0.00 min

Lab File: VU033027.D

Acq: 24 Jun 2019 23:40

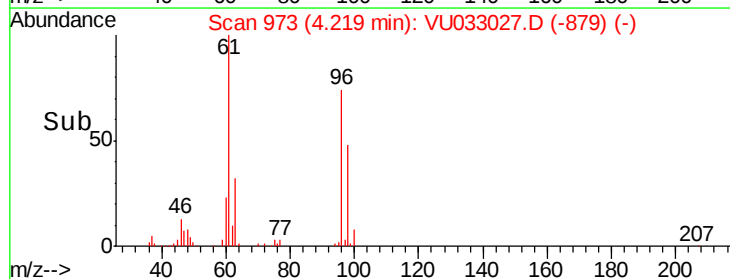
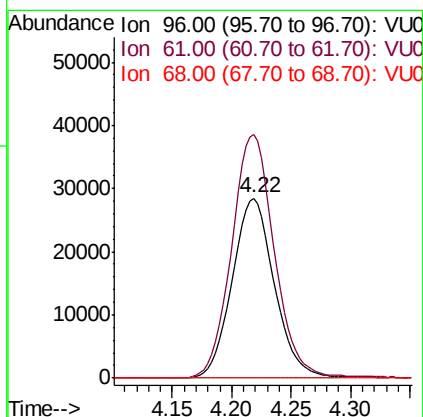
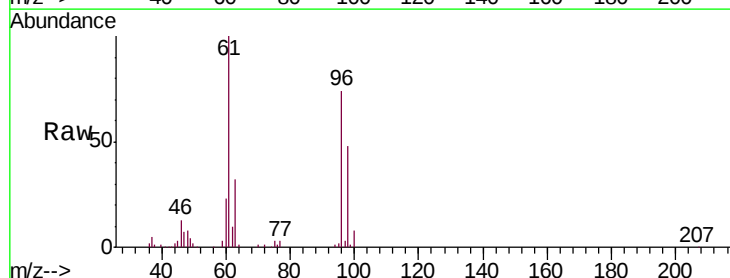
Tgt Ion: 96 Resp: 69752

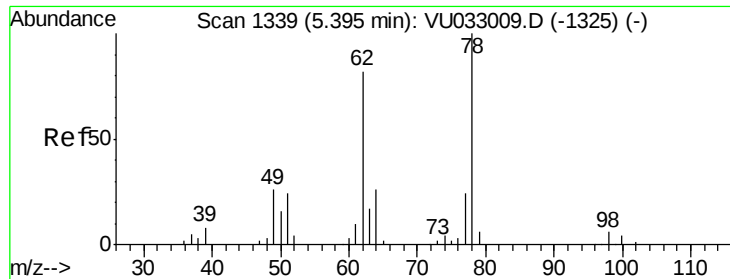
Ion Ratio Lower Upper

96 100

61 135.3 92.4 171.6

68 0.0 0.0 0.0

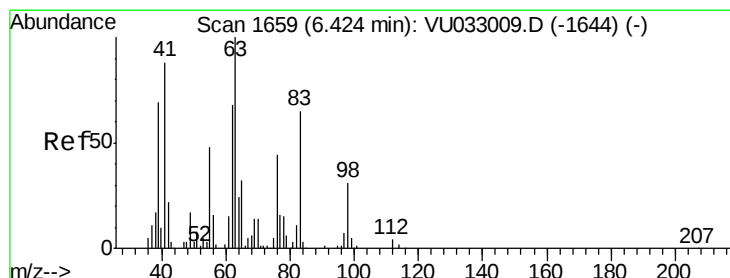
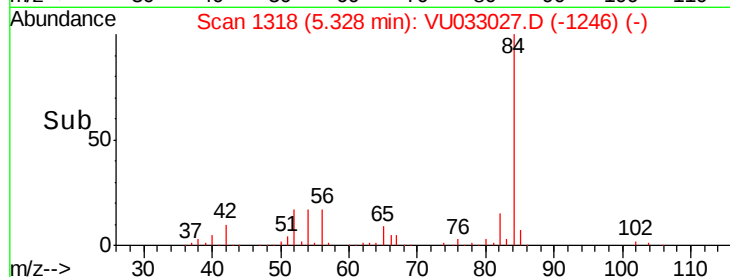
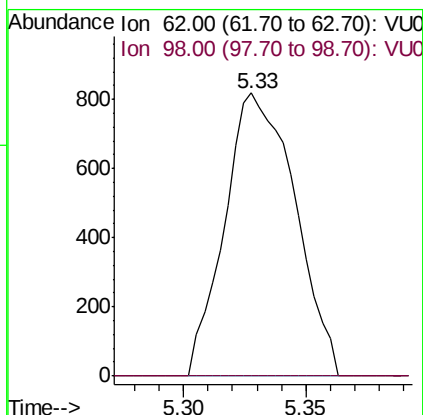
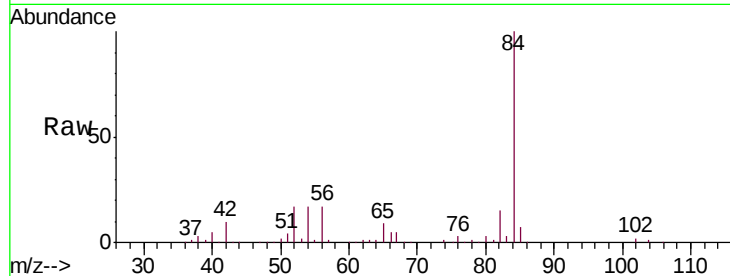




#27
 1,2-Dichloroethane
 Concen: 0.765 ug/L
 RT: 5.33 min Scan# 1318
 Delta R.T. -0.07 min
 Lab File: VU033027.D
 Acq: 24 Jun 2019 23:40

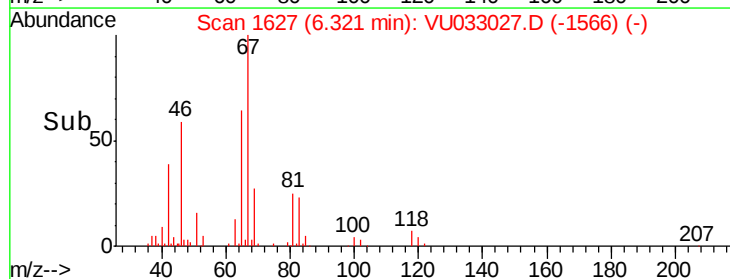
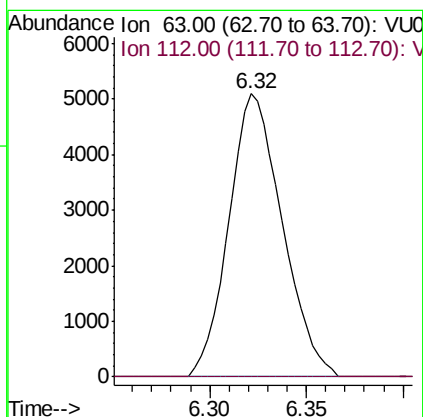
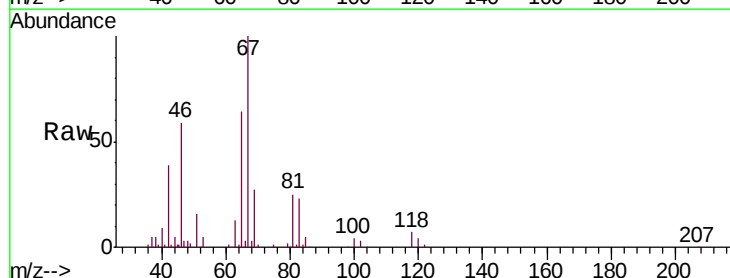
Instrument :
 MSVOA_U
 ClientSampleId :
 ETF16DL

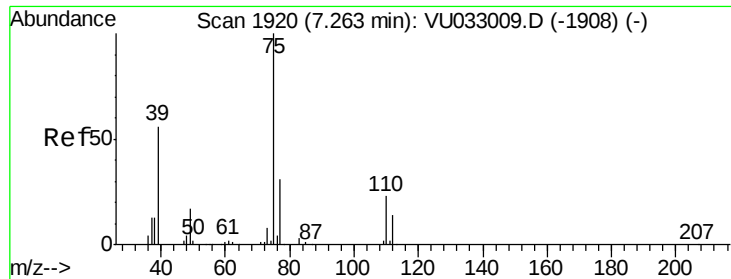
Tgt Ion: 62 Resp: 1639
 Ion Ratio Lower Upper
 62 100
 98 0.0 6.6 10.0#



#37
 1,2-Dichloropropane
 Concen: 6.446 ug/L
 RT: 6.32 min Scan# 1627
 Delta R.T. -0.10 min
 Lab File: VU033027.D
 Acq: 24 Jun 2019 23:40

Tgt Ion: 63 Resp: 9776
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.6#

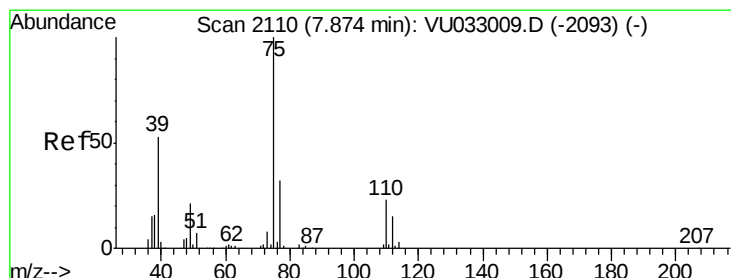
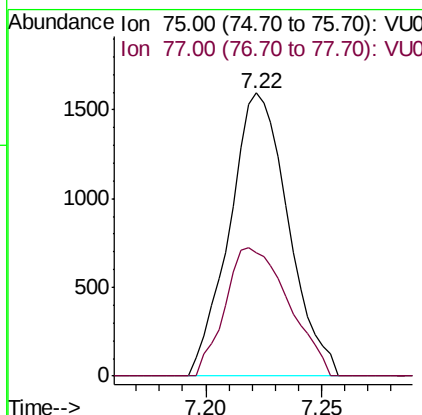
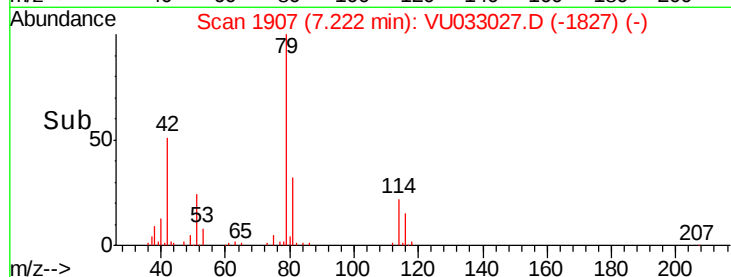
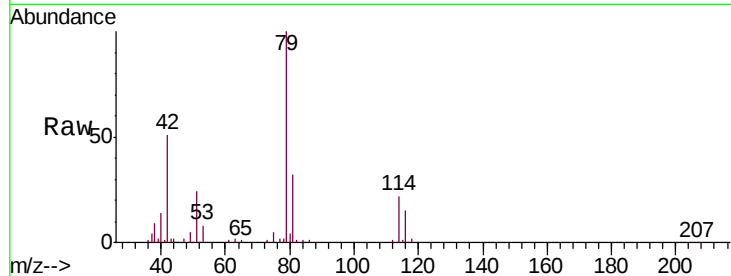




#39
 cis-1,3-Dichloropropene
 Concen: 1.188 ug/L
 RT: 7.22 min Scan# 1907
 Delta R.T. -0.04 min
 Lab File: VU033027.D
 Acq: 24 Jun 2019 23:40

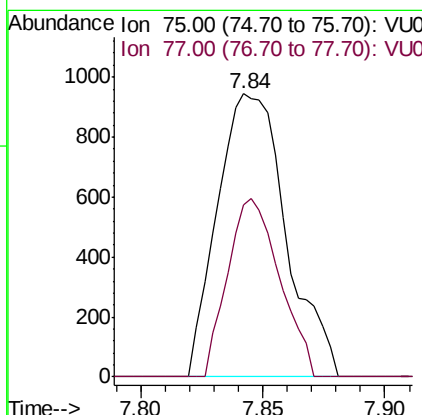
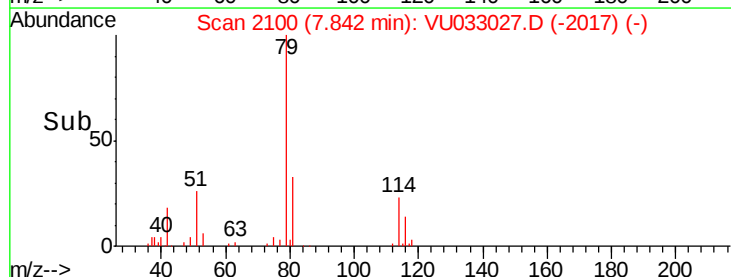
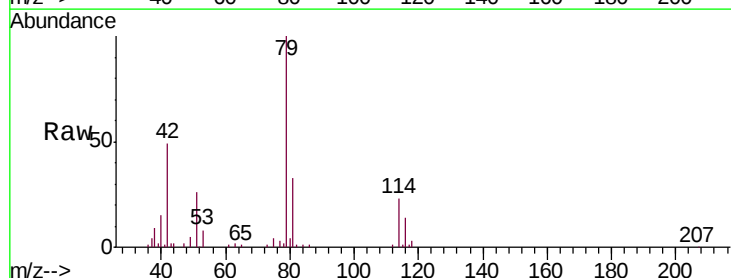
Instrument :
 MSVOA_U
 ClientSampleId :
 ETF16DL

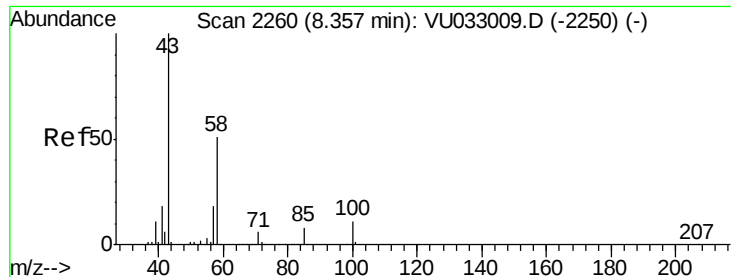
Tgt Ion: 75 Resp: 2807
 Ion Ratio Lower Upper
 75 100
 77 43.7 21.9 40.7#



#44
 trans-1,3-Dichloropropene
 Concen: 0.834 ug/L
 RT: 7.84 min Scan# 2100
 Delta R.T. -0.03 min
 Lab File: VU033027.D
 Acq: 24 Jun 2019 23:40

Tgt Ion: 75 Resp: 1850
 Ion Ratio Lower Upper
 75 100
 77 60.6 21.8 40.4#

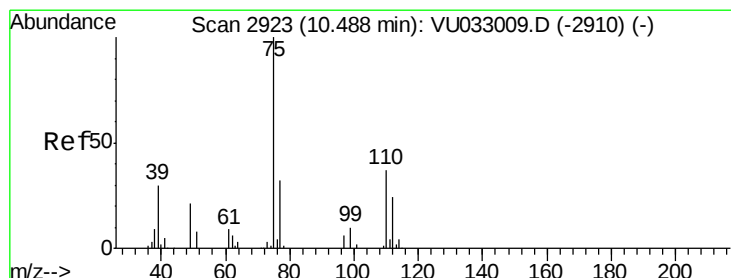
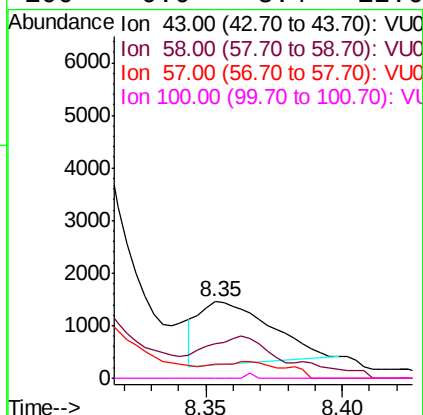
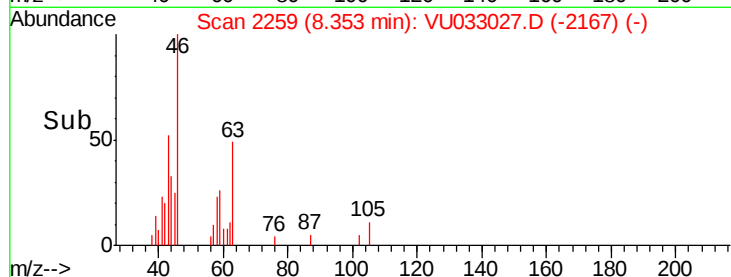
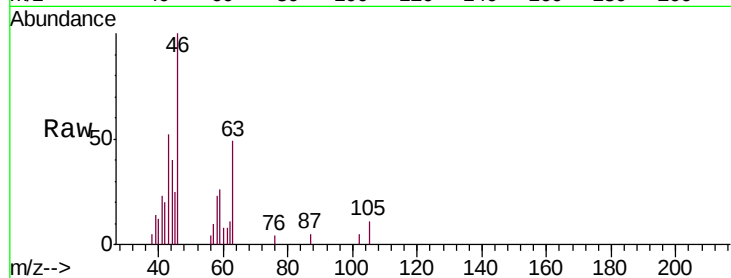




#48
2-Hexanone
Concen: 1.008 ug/L
RT: 8.35 min Scan# 2259
Delta R.T. -0.00 min
Lab File: VU033027.D
Acq: 24 Jun 2019 23:40

Instrument :
MSVOA_U
ClientSampleId :
ETF16DL

Tgt Ion: 43 Resp: 2153
Ion Ratio Lower Upper
43 100
58 0.0 40.2 60.2#
57 3.0 14.2 21.4#
100 0.0 8.4 12.6#



#59
1,2,3-Trichloropropane
Concen: 5.406 ug/L
RT: 11.48 min Scan# 3230
Delta R.T. 0.99 min
Lab File: VU033027.D
Acq: 24 Jun 2019 23:40

Tgt Ion: 75 Resp: 10940
Ion Ratio Lower Upper
75 100
77 41.2 25.5 38.3#

