

Data File : VU033026.D
Acq On : 24 Jun 2019 23:17
Operator : JC/SP
Sample : K3463-17DL 5X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETF17DL

Quant Time: Jun 25 07:00:16 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	191659	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	190648	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	88520	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	62149	47.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.90%
7) Chloroethane-d5	1.67	69	52664	50.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.82%
11) 1,1-Dichloroethene-d2	2.26	63	97349	36.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.78%
21) 2-Butanone-d5	4.17	46	120469	110.50	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.50%
24) Chloroform-d	4.64	84	129985	51.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.10%
26) 1,2-Dichloroethane-d4	5.30	65	91846	54.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.30%
32) Benzene-d6	5.33	84	251873	50.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.36%
36) 1,2-Dichloropropane-d6	6.32	67	82442	52.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.14%
41) Toluene-d8	7.56	98	227961	48.98	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.96%
43) trans-1,3-Dichloropropene-	7.84	79	38471	46.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.42%
47) 2-Hexanone-d5	8.31	63	68291	92.38	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.38%
57) 1,1,2,2-Tetrachloroethane-	10.42	84	116761	47.71	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.42%
64) 1,2-Dichlorobenzene-d4	11.86	152	88252	51.52	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.04%

Target Compounds

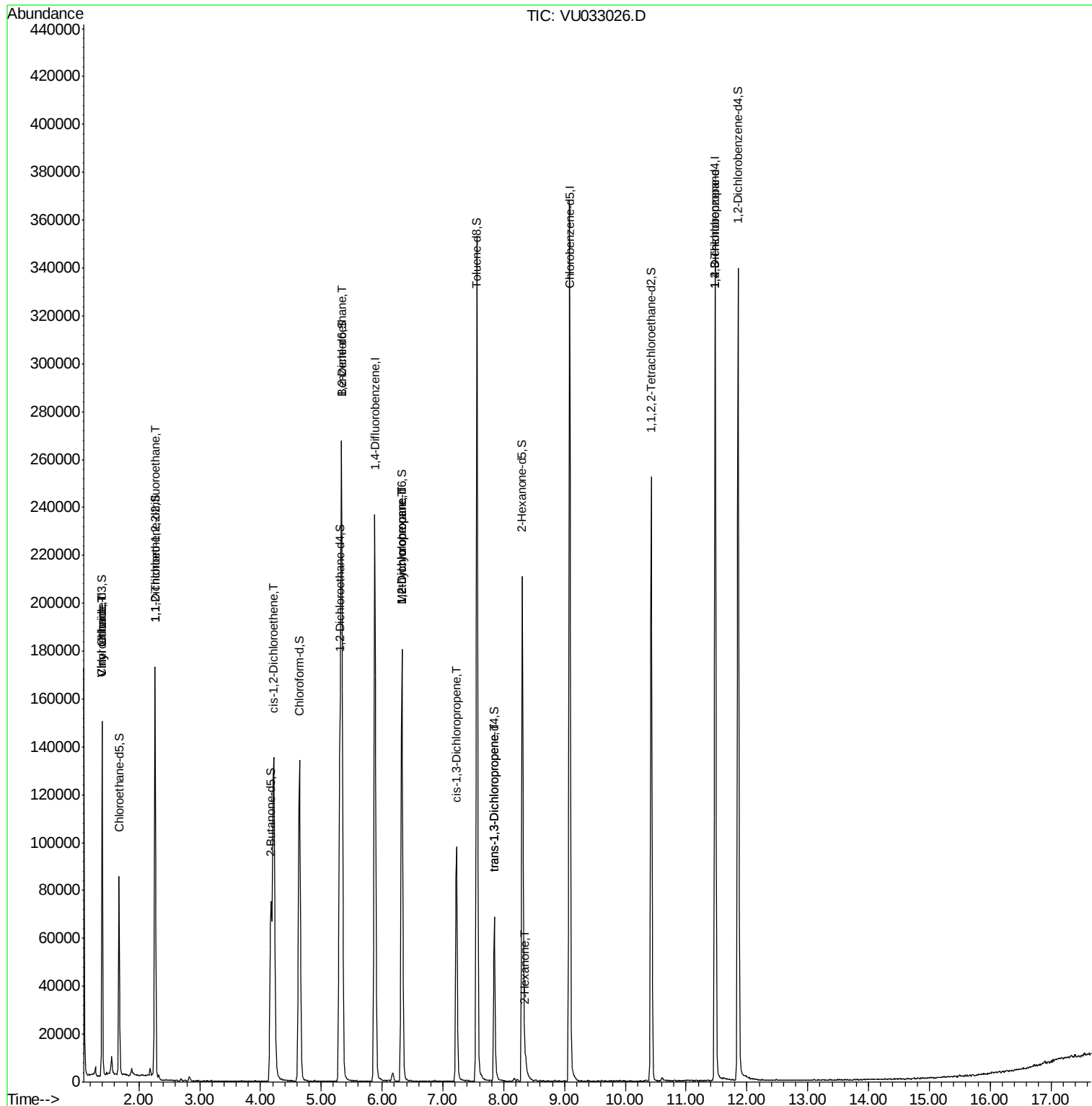
						Qvalue
5) Vinyl chloride	1.40	62	32360	18.593	ug/L	95
8) Chloroethane	1.40	64	11657	11.635	ug/L #	60
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	828	0.647	ug/L #	17
20) cis-1,2-Dichloroethene	4.22	96	68255	47.871	ug/L	97
27) 1,2-Dichloroethane	5.33	62	1605	0.759	ug/L #	77
35) Methylcyclohexane	6.32	83	18358	8.094	ug/L #	18
37) 1,2-Dichloropropane	6.32	63	9855	6.542	ug/L #	88
39) cis-1,3-Dichloropropene	7.22	75	2801	1.193	ug/L #	76
44) trans-1,3-Dichloropropene	7.85	75	2035	0.923	ug/L	85
48) 2-Hexanone	8.36	43	3056	1.440	ug/L #	94
59) 1,2,3-Trichloropropane	11.48	75	11780	5.859	ug/L	90

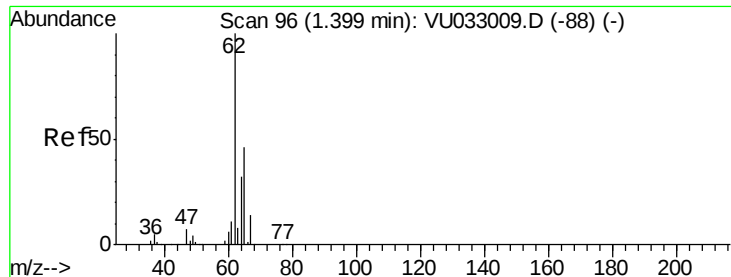
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 18.593 ug/L

RT: 1.40 min Scan# 96

Delta R.T. 0.00 min

Lab File: VU033026.D

Acq: 24 Jun 2019 23:17

Instrument :

MSVOA_U

ClientSampleId :

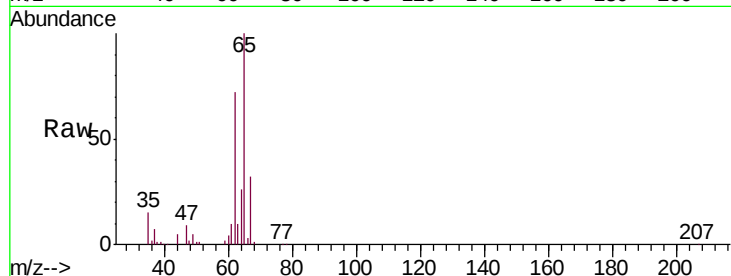
ETF17DL

Tgt Ion: 62 Resp: 32360

Ion Ratio Lower Upper

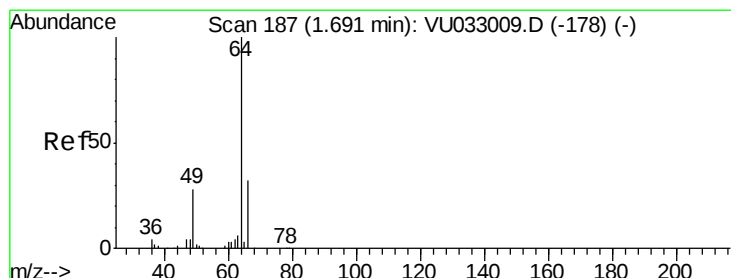
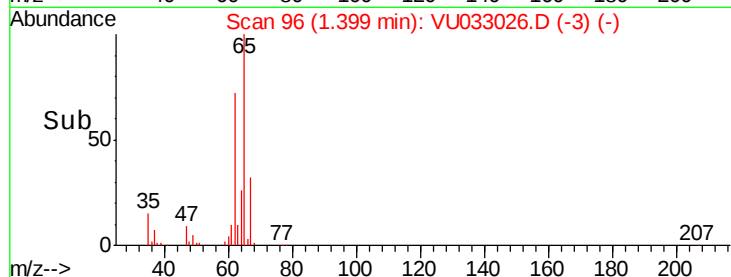
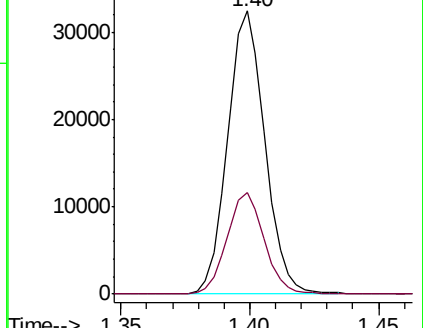
62 100

64 35.8 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: 11.635 ug/L

RT: 1.40 min Scan# 96

Delta R.T. -0.29 min

Lab File: VU033026.D

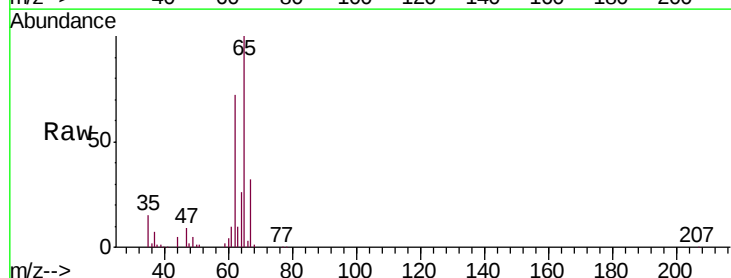
Acq: 24 Jun 2019 23:17

Tgt Ion: 64 Resp: 11657

Ion Ratio Lower Upper

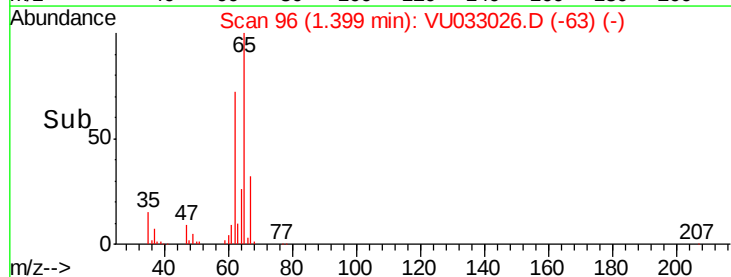
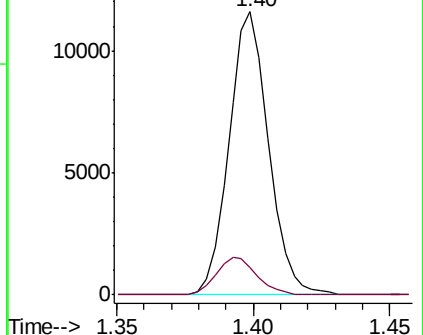
64 100

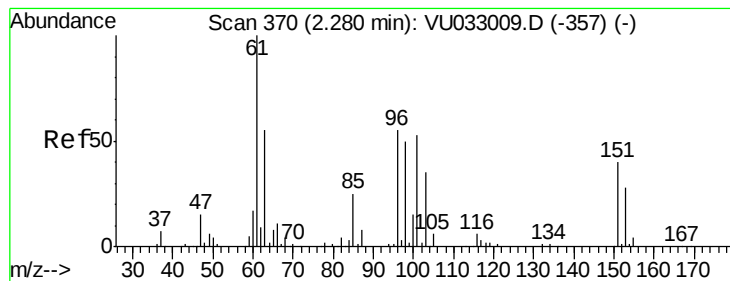
66 9.9 22.5 41.7#



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

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





#10

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

Concen: 0.647 ug/L

RT: 2.26 min Scan# 365

Delta R.T. -0.02 min

Lab File: VU033026.D

Acq: 24 Jun 2019 23:17

Instrument :

MSVOA_U

ClientSampleId :

ETF17DL

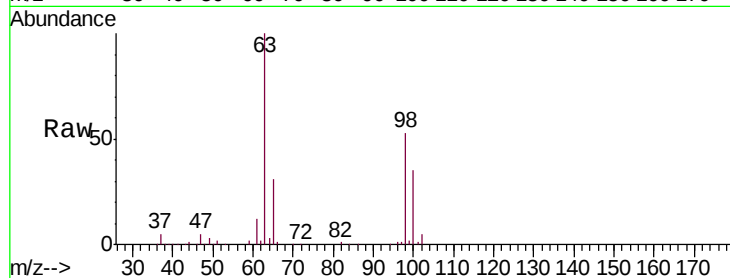
Tgt Ion: 101 Resp: 828

Ion Ratio Lower Upper

101 100

85 0.0 36.8 55.2#

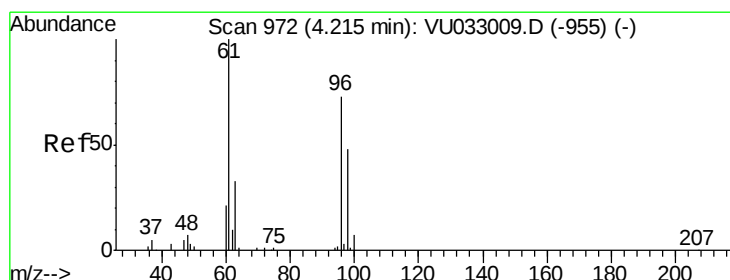
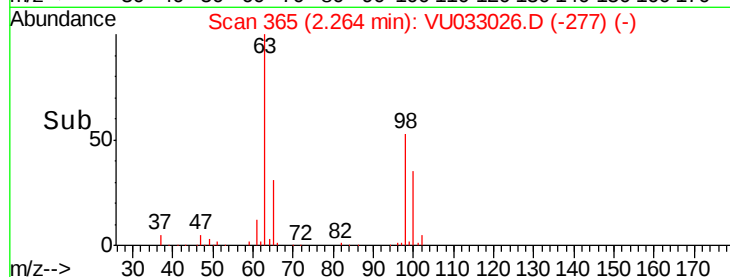
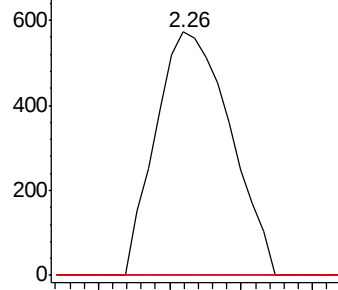
151 0.0 63.6 95.4#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#20

cis-1,2-Dichloroethene

Concen: 47.871 ug/L

RT: 4.22 min Scan# 973

Delta R.T. 0.00 min

Lab File: VU033026.D

Acq: 24 Jun 2019 23:17

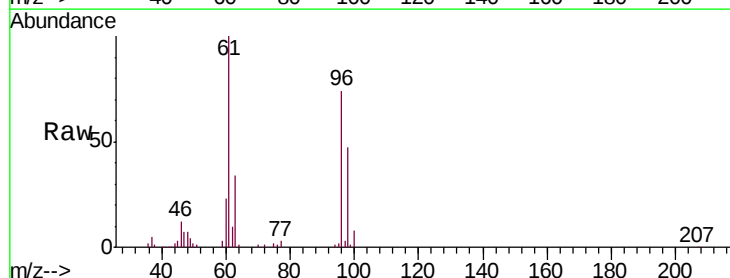
Tgt Ion: 96 Resp: 68255

Ion Ratio Lower Upper

96 100

61 135.0 92.4 171.6

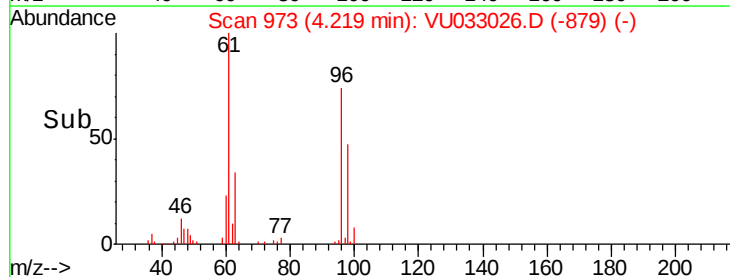
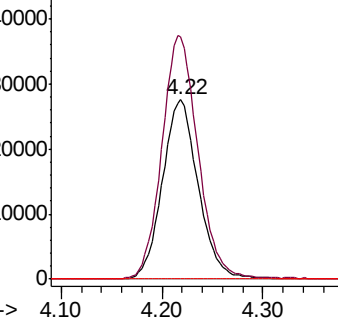
68 0.0 0.0 0.0

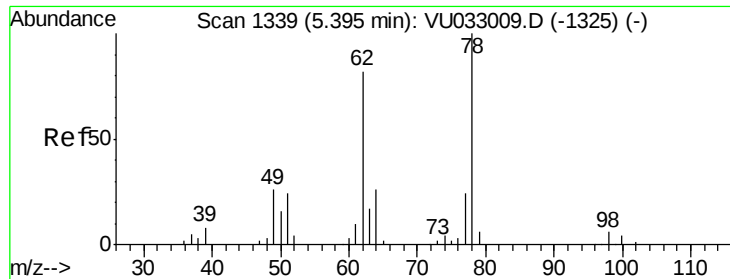


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 68.00 (67.70 to 68.70): VU0





#27

1,2-Dichloroethane

Concen: 0.759 ug/L

RT: 5.33 min Scan# 1319

Delta R.T. -0.06 min

Lab File: VU033026.D

Acq: 24 Jun 2019 23:17

Instrument :

MSVOA_U

ClientSampleId :

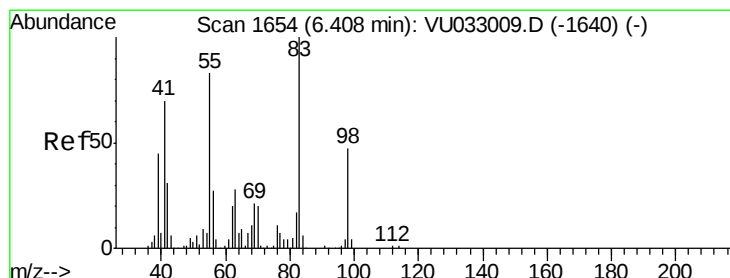
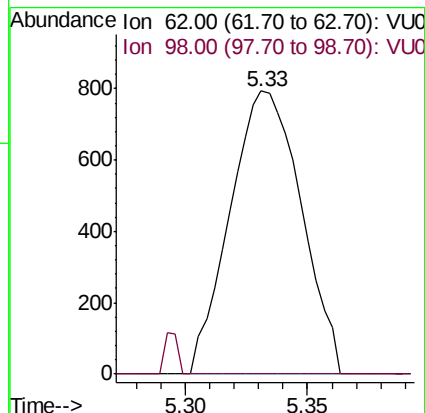
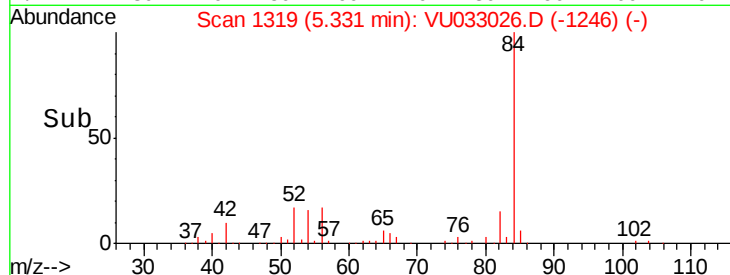
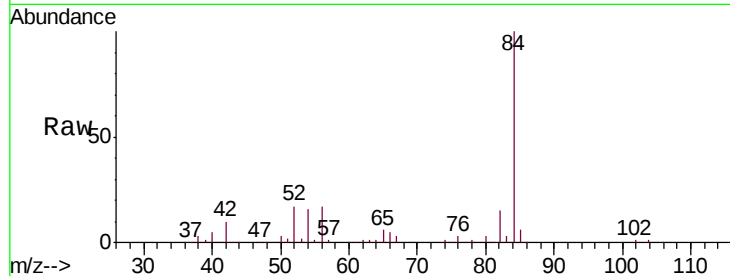
ETF17DL

Tgt Ion: 62 Resp: 1605

Ion Ratio Lower Upper

62 100

98 0.0 6.6 10.0#



#35

Methylcyclohexane

Concen: 8.094 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.08 min

Lab File: VU033026.D

Acq: 24 Jun 2019 23:17

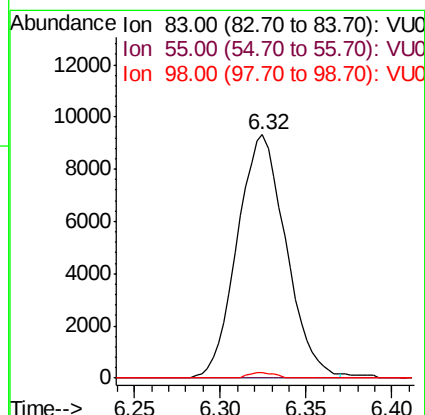
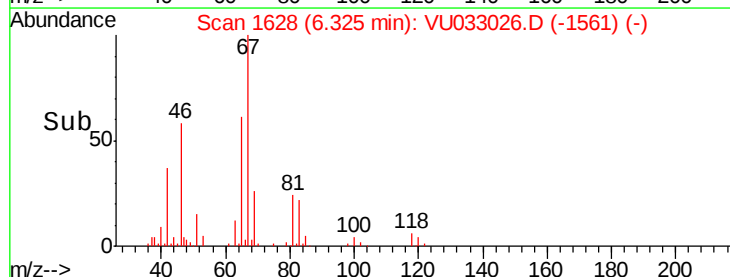
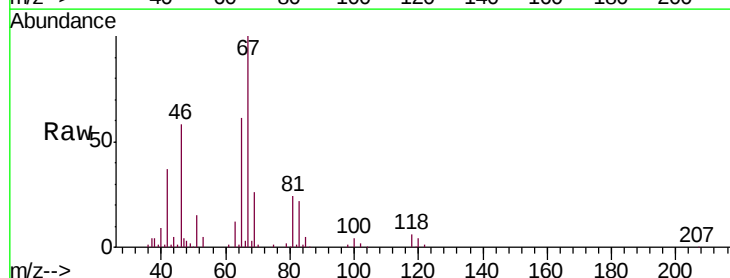
Tgt Ion: 83 Resp: 18358

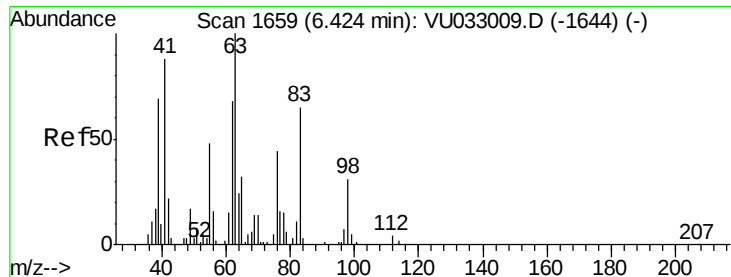
Ion Ratio Lower Upper

83 100

55 0.0 62.6 94.0#

98 1.2 37.4 56.0#

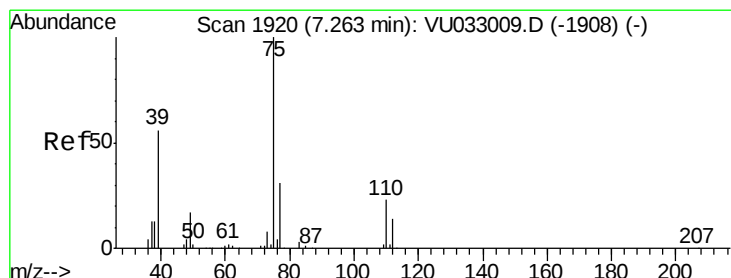
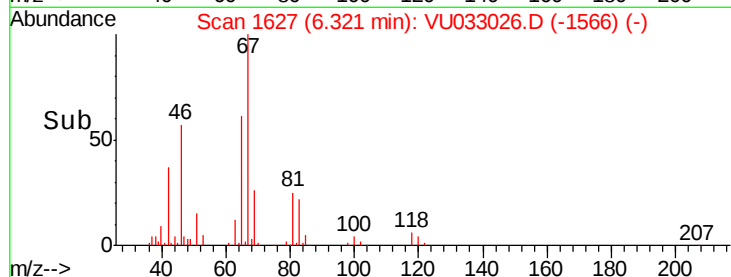
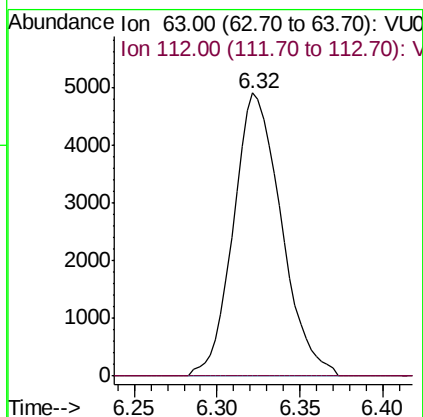
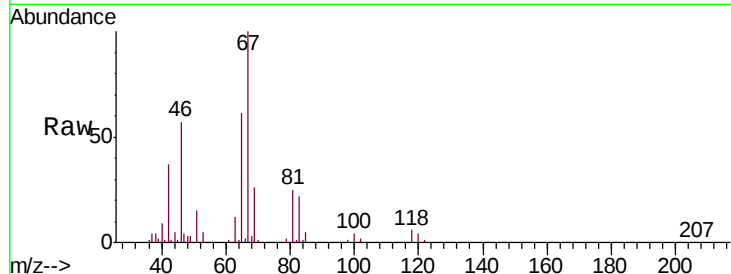




#37
 1,2-Dichloropropane
 Concen: 6.542 ug/L
 RT: 6.32 min Scan# 1627
 Delta R.T. -0.10 min
 Lab File: VU033026.D
 Acq: 24 Jun 2019 23:17

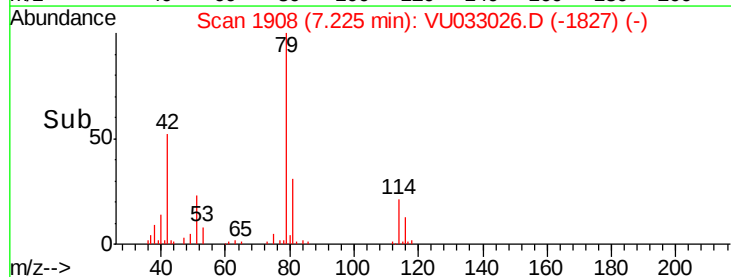
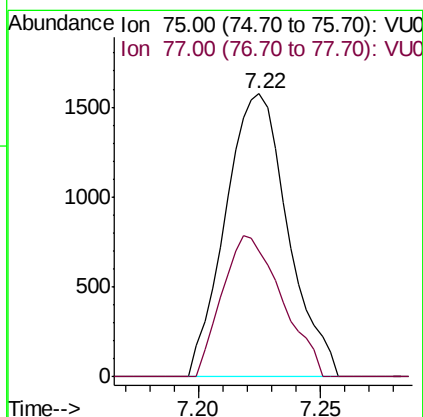
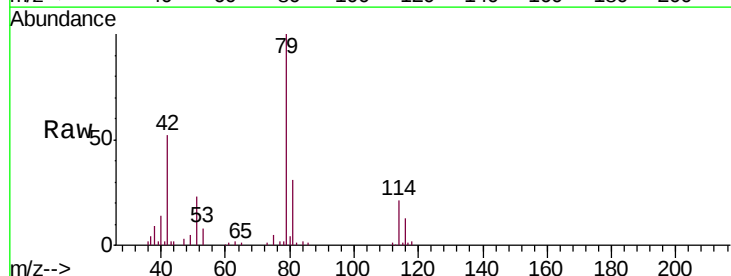
Instrument :
 MSVOA_U
 ClientSampled :
 ETF17DL

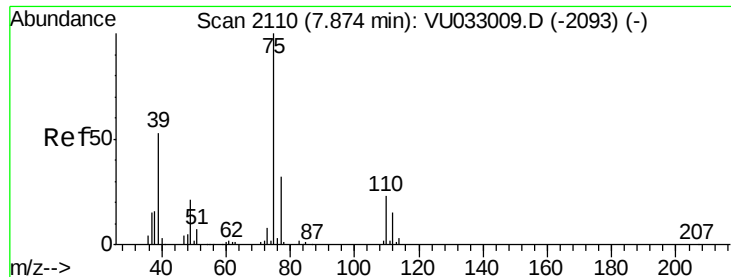
Tgt Ion: 63 Resp: 9855
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.6#



#39
 cis-1,3-Dichloropropene
 Concen: 1.193 ug/L
 RT: 7.22 min Scan# 1908
 Delta R.T. -0.04 min
 Lab File: VU033026.D
 Acq: 24 Jun 2019 23:17

Tgt Ion: 75 Resp: 2801
 Ion Ratio Lower Upper
 75 100
 77 44.4 21.9 40.7#

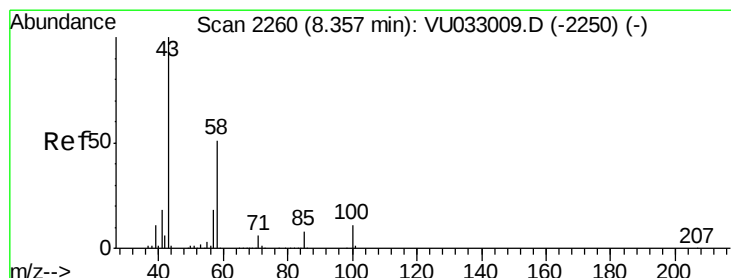
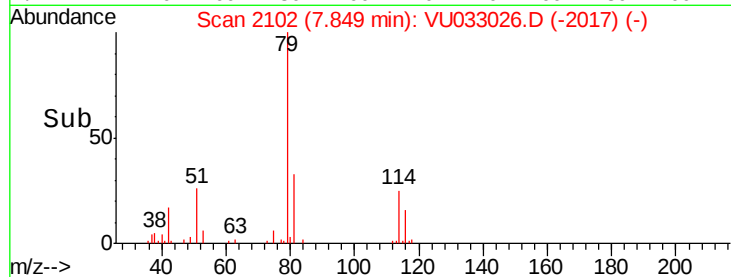
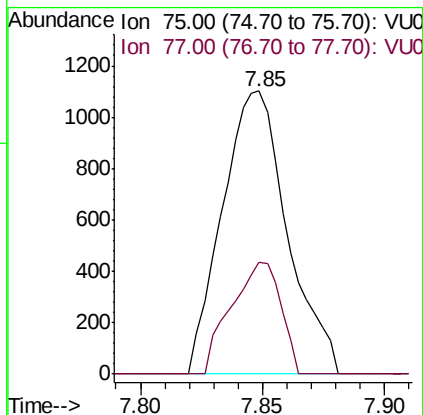
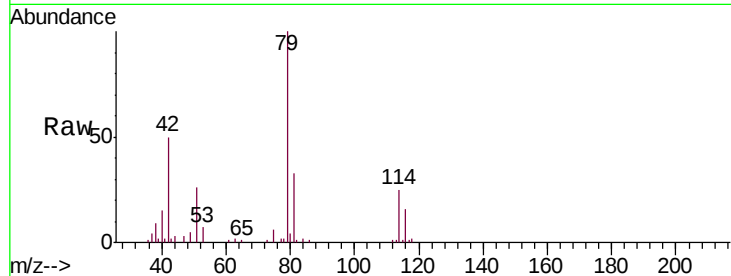




#44
 trans-1,3-Dichloropropene
 Concen: 0.923 ug/L
 RT: 7.85 min Scan# 2102
 Delta R.T. -0.03 min
 Lab File: VU033026.D
 Acq: 24 Jun 2019 23:17

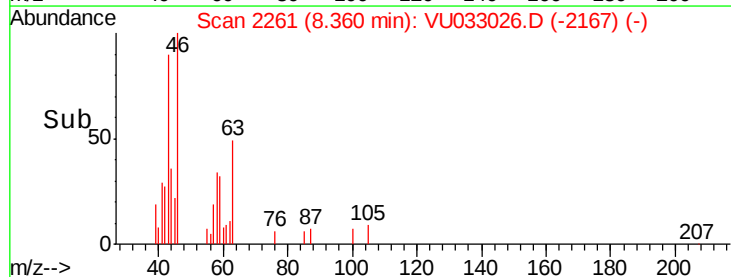
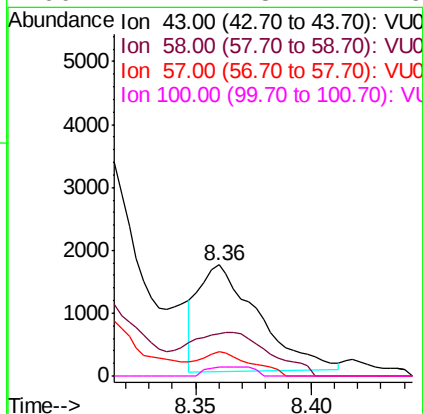
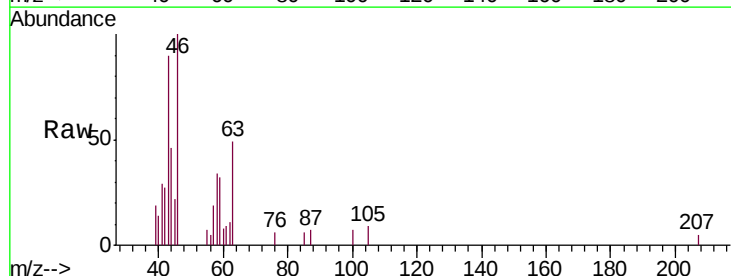
Instrument :
 MSVOA_U
 ClientSampleId :
 ETF17DL

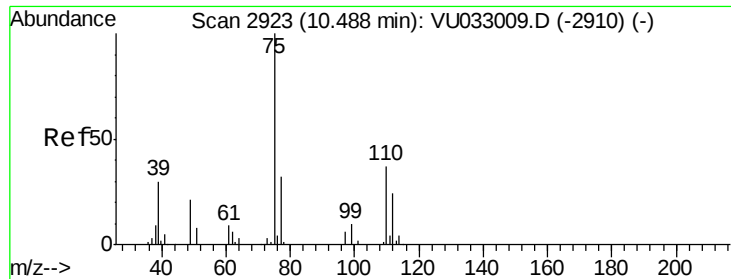
Tgt Ion: 75 Resp: 2035
 Ion Ratio Lower Upper
 75 100
 77 39.3 21.8 40.4



#48
 2-Hexanone
 Concen: 1.440 ug/L
 RT: 8.36 min Scan# 2261
 Delta R.T. 0.00 min
 Lab File: VU033026.D
 Acq: 24 Jun 2019 23:17

Tgt Ion: 43 Resp: 3056
 Ion Ratio Lower Upper
 43 100
 58 54.0 40.2 60.2
 57 18.6 14.2 21.4
 100 4.2 8.4 12.6#





#59

1,2,3-Trichloropropane

Concen: 5.859 ug/L

RT: 11.48 min Scan# 3230

Delta R.T. 0.99 min

Lab File: VU033026.D

Acq: 24 Jun 2019 23:17

Instrument :

MSVOA_U

ClientSampleId :

ETF17DL

Tgt Ion: 75 Resp: 11780

Ion Ratio Lower Upper

75 100

77 37.5 25.5 38.3

