

Data File : VU032274.D
Acq On : 23 May 2019 17:24
Operator : JC/SP
Sample : K3018-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0XJ7

Quant Time: May 24 02:58:55 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR052219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri May 24 02:55:50 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	359793	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	365108	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	151696	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	100688	4.98	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.60%
7) Chloroethane-d5	1.68	69	87090	4.62	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.40%
11) 1,1-Dichloroethene-d2	2.27	63	153025	4.11	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.20%
20) 2-Butanone-d5	4.20	46	230098	40.37	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	80.74%
24) Chloroform-d	4.64	84	203222	3.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.80%
26) 1,2-Dichloroethane-d4	5.31	65	102384	3.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.00%
32) Benzene-d6	5.33	84	409816	3.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.20%
36) 1,2-Dichloropropane-d6	6.33	67	120251	3.57	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	71.40%
41) Toluene-d8	7.56	98	344078	3.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	68.40%#
43) trans-1,3-Dichloropropene-	7.85	79	42259	3.27	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	65.40%
46) 2-Hexanone-d5	8.31	63	195000	40.06	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.12%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	98946	2.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	59.20%#
64) 1,2-Dichlorobenzene-d4	11.86	152	133706	3.20	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	64.00%#

Target Compounds

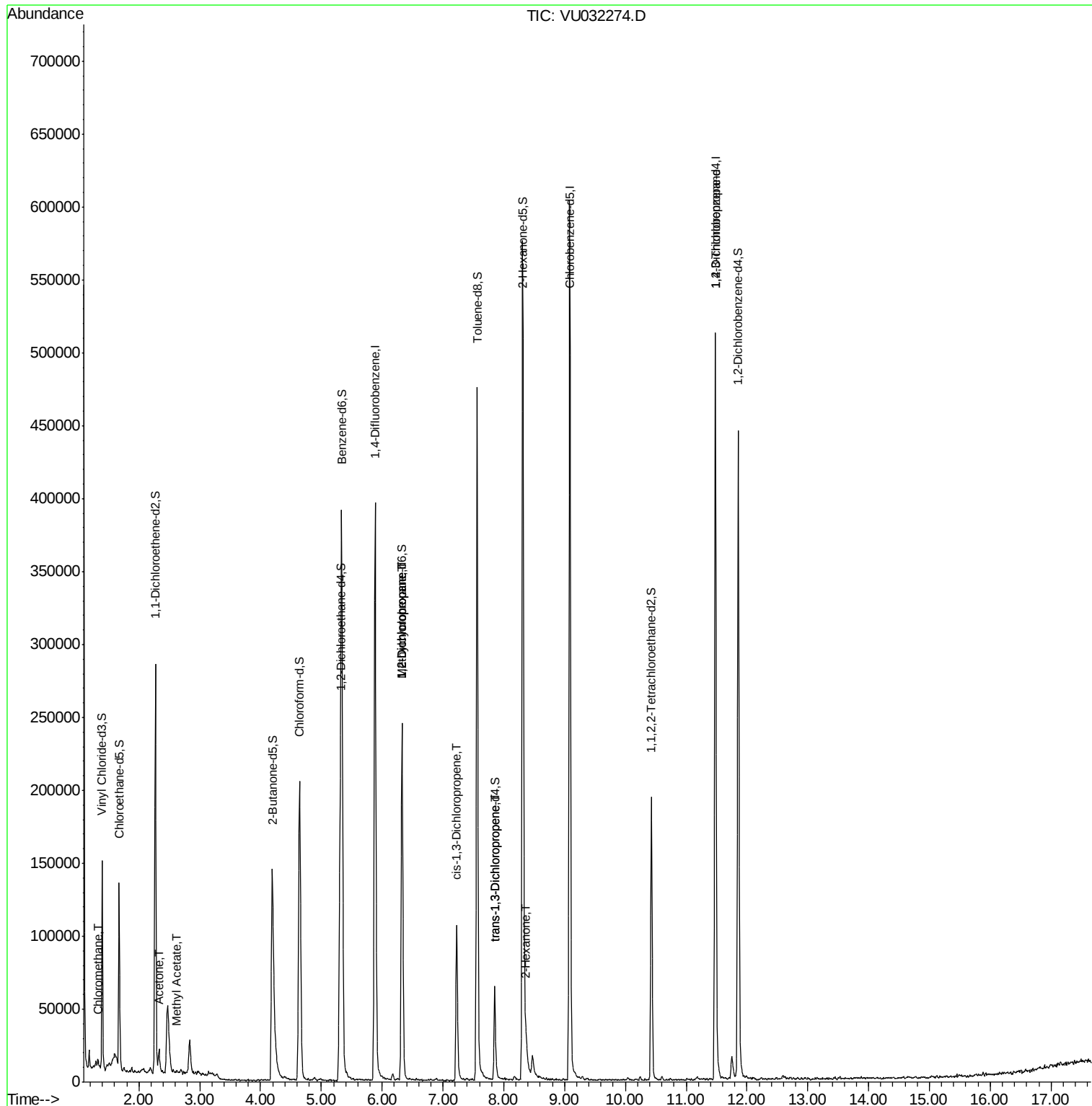
					Qvalue
3) Chloromethane	1.33	50	3525	0.229 ug/L #	78
13) Acetone	2.33	43	12450	7.050 ug/L	98
15) Methyl Acetate	2.61	43	827	0.160 ug/L #	79
35) Methylcyclohexane	6.33	83	31234	1.600 ug/L #	20
37) 1,2-Dichloropropane	6.33	63	13306	1.119 ug/L #	87
39) cis-1,3-Dichloropropene	7.22	75	2629	0.155 ug/L #	44
44) trans-1,3-Dichloropropene	7.85	75	1499	0.113 ug/L #	57
48) 2-Hexanone	8.37	43	9103	1.975 ug/L #	88
59) 1,2,3-Trichloropropane	11.48	75	15156	1.957 ug/L	89

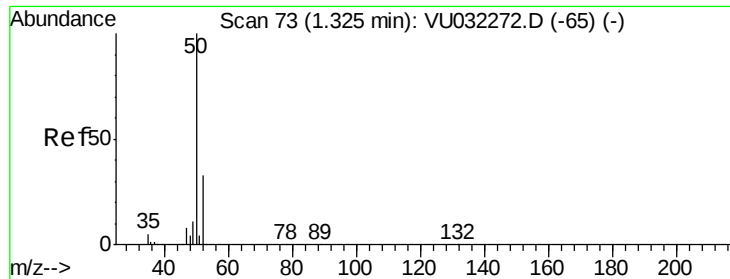
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU032274.D
Acq On : 23 May 2019 17:24
Operator : JC/SP
Sample : K3018-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0XJ7

Quant Time: May 24 02:58:55 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR052219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri May 24 02:55:50 2019
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.229 ug/L

RT: 1.33 min Scan# 74

Delta R.T. 0.00 min

Lab File: VU032274.D

Acq: 23 May 2019 17:24

Instrument :

MSVOA_U

ClientSampleId :

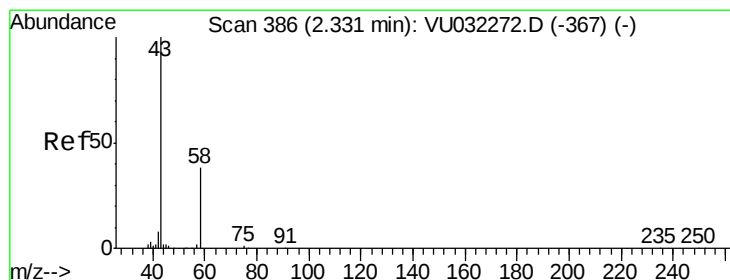
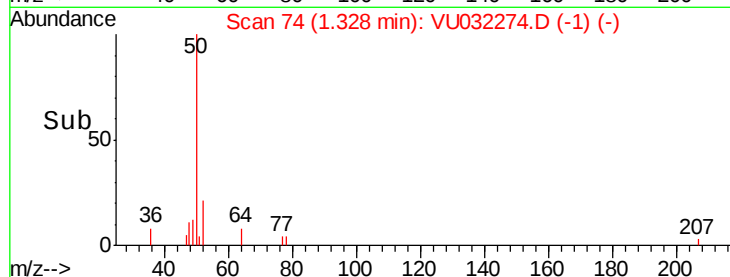
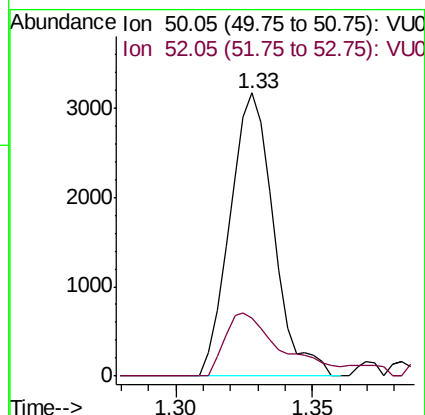
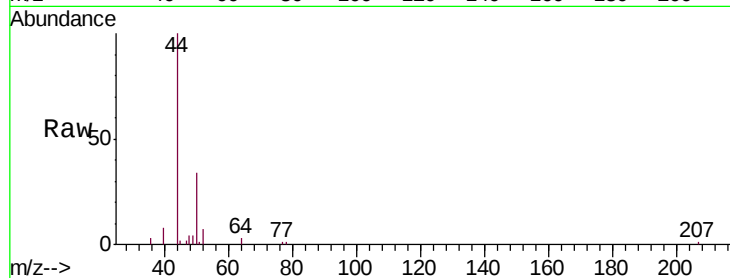
C0XJ7

Tgt Ion: 50 Resp: 3525

Ion Ratio Lower Upper

50 100

52 20.7 23.3 43.3#



#13

Acetone

Concen: 7.050 ug/L

RT: 2.33 min Scan# 385

Delta R.T. -0.00 min

Lab File: VU032274.D

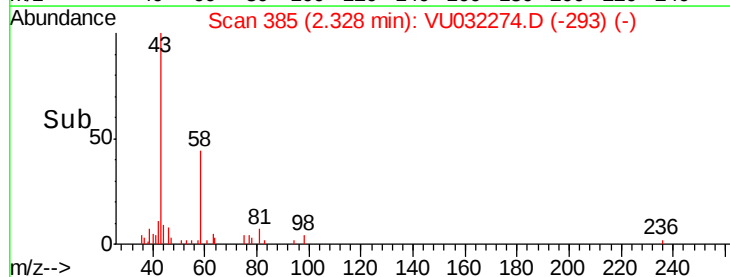
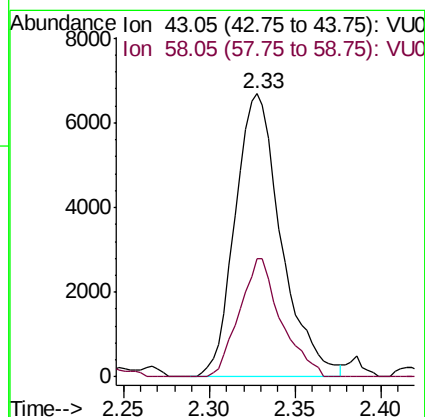
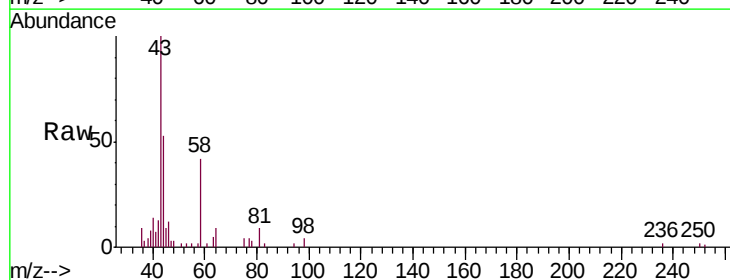
Acq: 23 May 2019 17:24

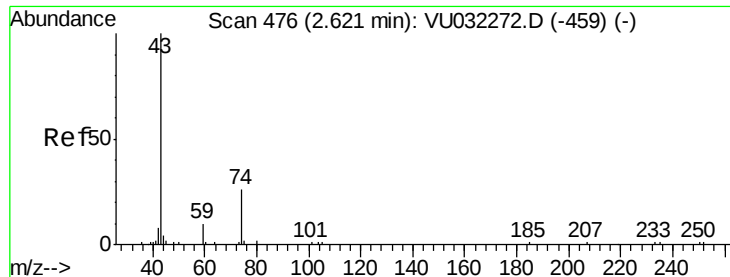
Tgt Ion: 43 Resp: 12450

Ion Ratio Lower Upper

43 100

58 37.8 0.0 72.6

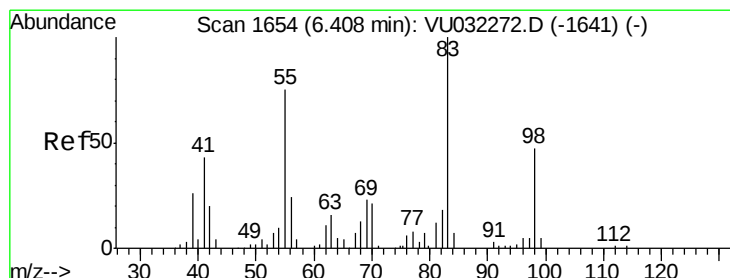
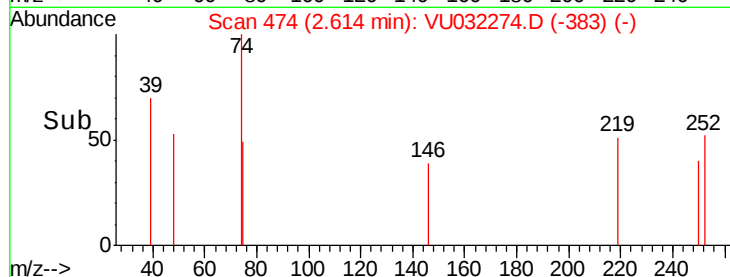
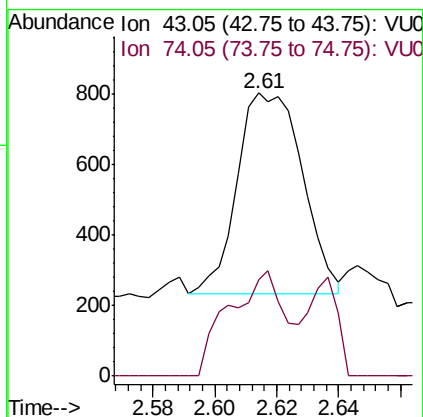
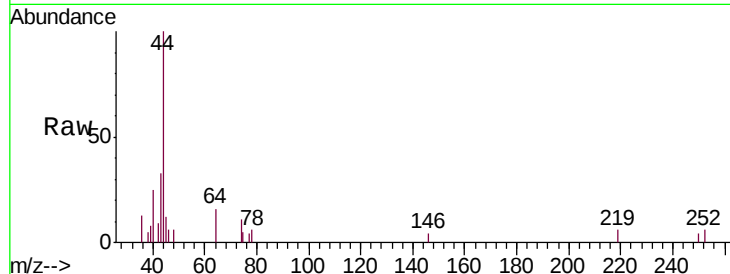




#15
Methyl Acetate
Concen: 0.160 ug/L
RT: 2.61 min Scan# 474
Delta R.T. -0.01 min
Lab File: VU032274.D
Acq: 23 May 2019 17:24

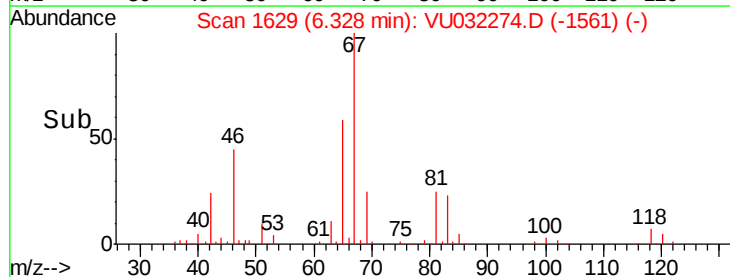
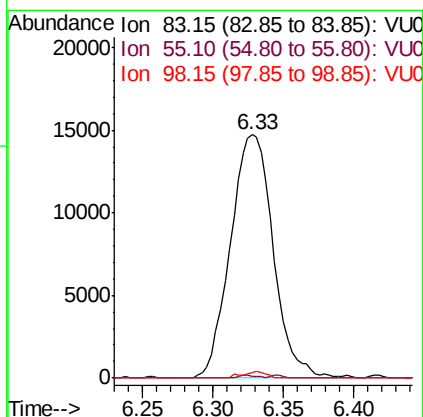
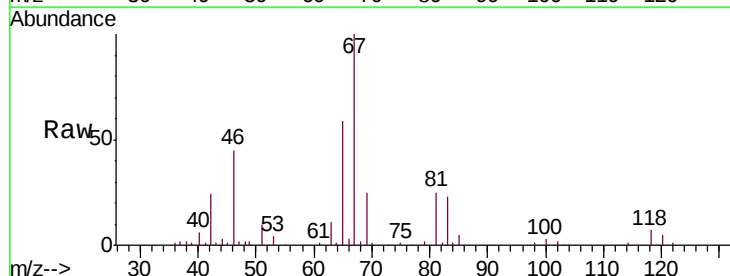
Instrument :
MSVOA_U
ClientSampleId :
C0XJ7

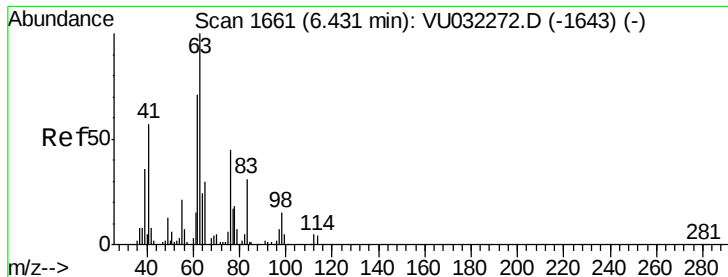
Tgt Ion: 43 Resp: 827
Ion Ratio Lower Upper
43 100
74 46.4 27.3 40.9#



#35
Methylcyclohexane
Concen: 1.600 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.08 min
Lab File: VU032274.D
Acq: 23 May 2019 17:24

Tgt Ion: 83 Resp: 31234
Ion Ratio Lower Upper
83 100
55 0.5 59.7 89.5#
98 1.5 37.5 56.3#





#37

1,2-Dichloropropane

Concen: 1.119 ug/L

RT: 6.33 min Scan# 1629

Delta R.T. -0.10 min

Lab File: VU032274.D

Acq: 23 May 2019 17:24

Instrument :

MSVOA_U

ClientSampleId :

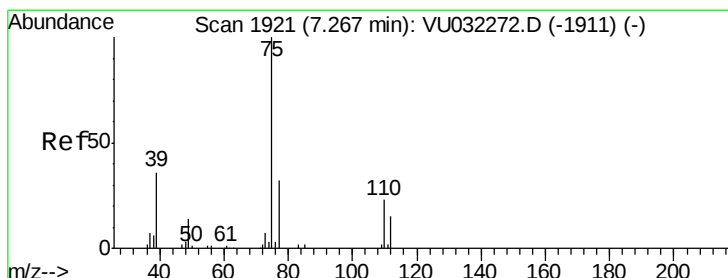
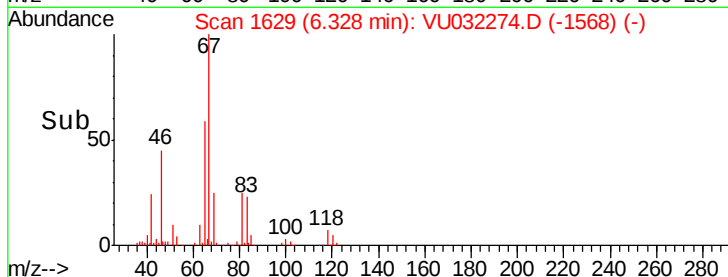
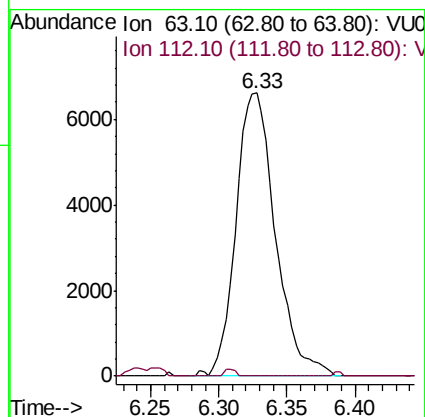
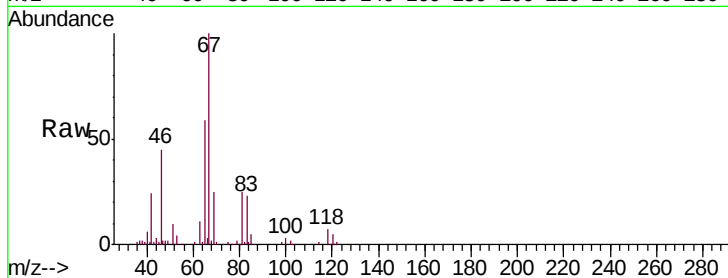
C0XJ7

Tgt Ion: 63 Resp: 13306

Ion Ratio Lower Upper

63 100

112 0.6 3.8 5.8#



#39

cis-1,3-Dichloropropene

Concen: 0.155 ug/L

RT: 7.22 min Scan# 1908

Delta R.T. -0.04 min

Lab File: VU032274.D

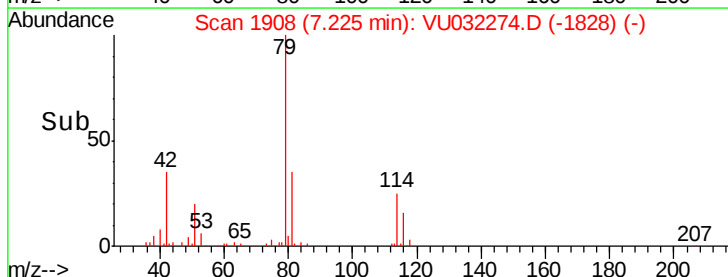
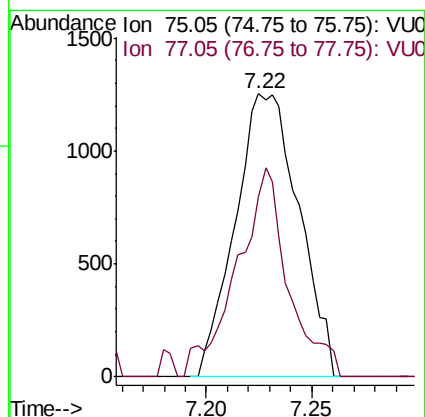
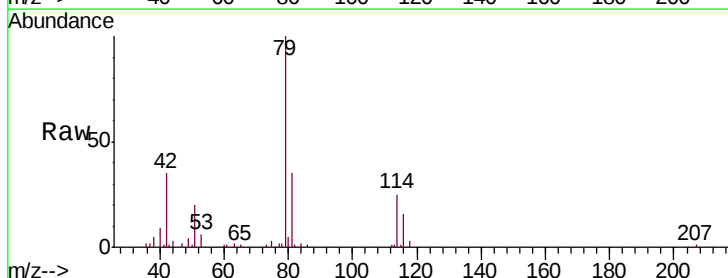
Acq: 23 May 2019 17:24

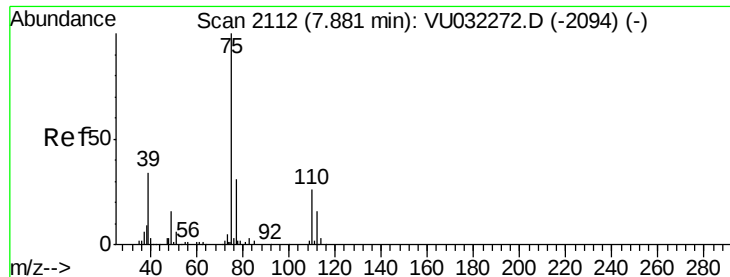
Tgt Ion: 75 Resp: 2629

Ion Ratio Lower Upper

75 100

77 63.5 22.6 42.0#





#44

trans-1,3-Dichloropropene

Concen: 0.113 ug/L

RT: 7.85 min Scan# 2104

Delta R.T. -0.03 min

Lab File: VU032274.D

Acq: 23 May 2019 17:24

Instrument :

MSVOA_U

ClientSampleId :

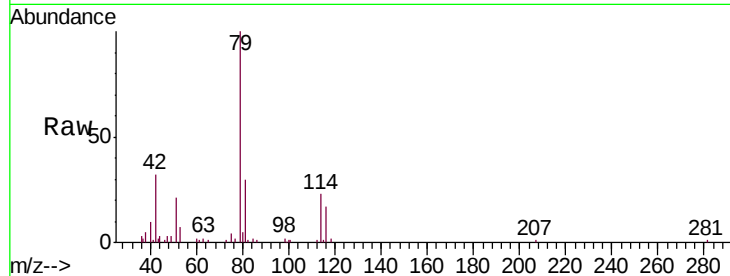
C0XJ7

Tgt Ion: 75 Resp: 1499

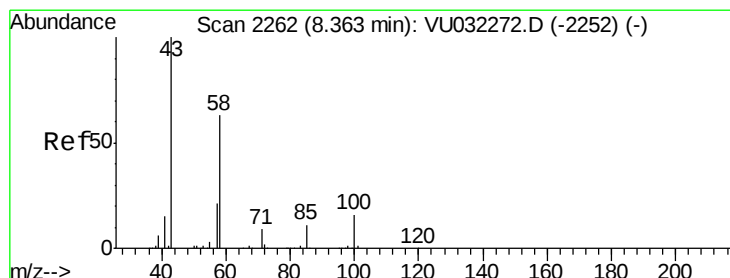
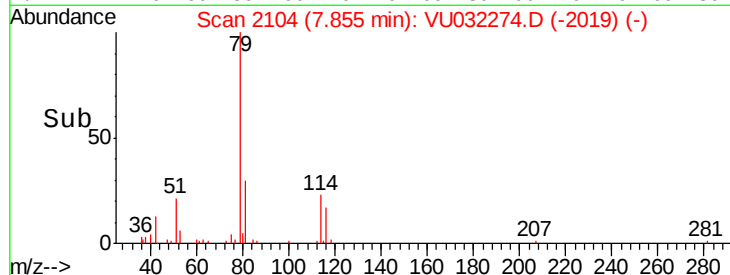
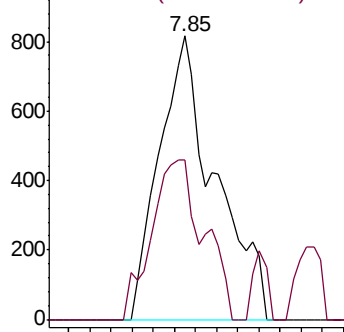
Ion Ratio Lower Upper

75 100

77 56.1 22.5 41.9#



Abundance Ion 75.05 (74.75 to 75.75): VU032272.D (-2094) (-)



#48

2-Hexanone

Concen: 1.975 ug/L

RT: 8.37 min Scan# 2264

Delta R.T. 0.01 min

Lab File: VU032274.D

Acq: 23 May 2019 17:24

Tgt Ion: 43 Resp: 9103

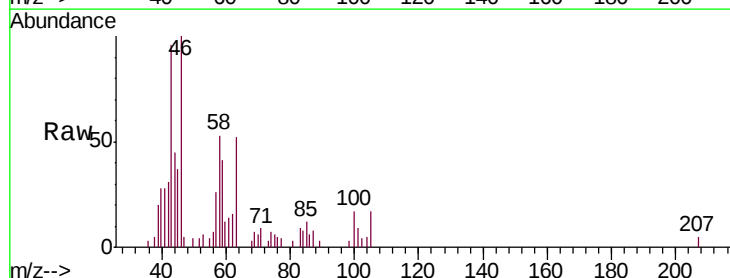
Ion Ratio Lower Upper

43 100

58 61.9 49.7 74.5

57 0.0 17.1 25.7#

100 8.7 11.6 17.4#

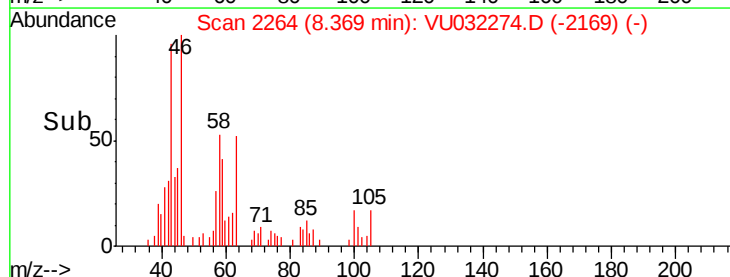
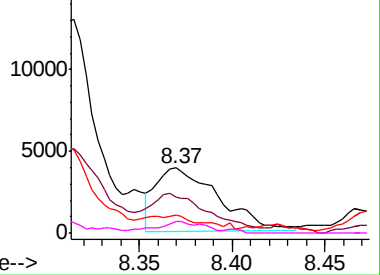


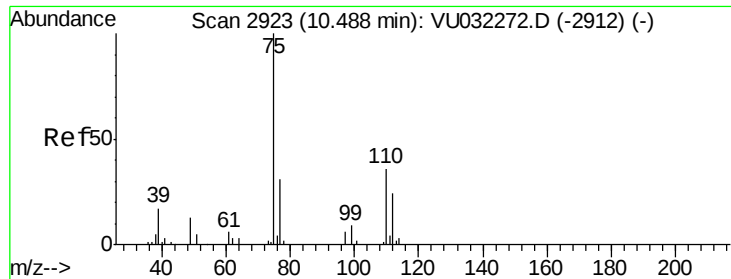
Abundance Ion 43.05 (42.75 to 43.75): VU032272.D (-2252) (-)

Ion 58.05 (57.75 to 58.75): VU032272.D (-2252) (-)

Ion 57.20 (56.90 to 57.90): VU032272.D (-2252) (-)

Ion 100.15 (99.85 to 100.85): VU032272.D (-2252) (-)





#59

1,2,3-Trichloropropane

Concen: 1.957 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU032274.D

Acq: 23 May 2019 17:24

Instrument :

MSVOA_U

ClientSampleId :

C0XJ7

Tgt Ion: 75 Resp: 15156

Ion Ratio Lower Upper

75 100

77 41.9 28.2 42.4

