

Data File : VU032833.D
Acq On : 18 Jun 2019 19:02
Operator : JC/SP
Sample : K3224-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0JT2

Quant Time: Jun 19 04:39:20 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jun 19 04:35:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	235107	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	232476	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	116437	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	65572	40.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.62%
7) Chloroethane-d5	1.68	69	56777	44.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.62%
11) 1,1-Dichloroethene-d2	2.27	63	104278	32.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.44%
21) 2-Butanone-d5	4.17	46	140210	104.84	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.84%
24) Chloroform-d	4.64	84	141071	45.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.32%
26) 1,2-Dichloroethane-d4	5.30	65	97621	46.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.84%
32) Benzene-d6	5.33	84	277120	45.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.46%
36) 1,2-Dichloropropane-d6	6.32	67	89204	46.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.42%
41) Toluene-d8	7.56	98	258117	45.48	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.96%
43) trans-1,3-Dichloropropene-	7.85	79	44411	44.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.44%
47) 2-Hexanone-d5	8.31	63	96214	106.73	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.73%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	132951	44.55	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.10%
64) 1,2-Dichlorobenzene-d4	11.85	152	105828	46.97	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.94%

Target Compounds

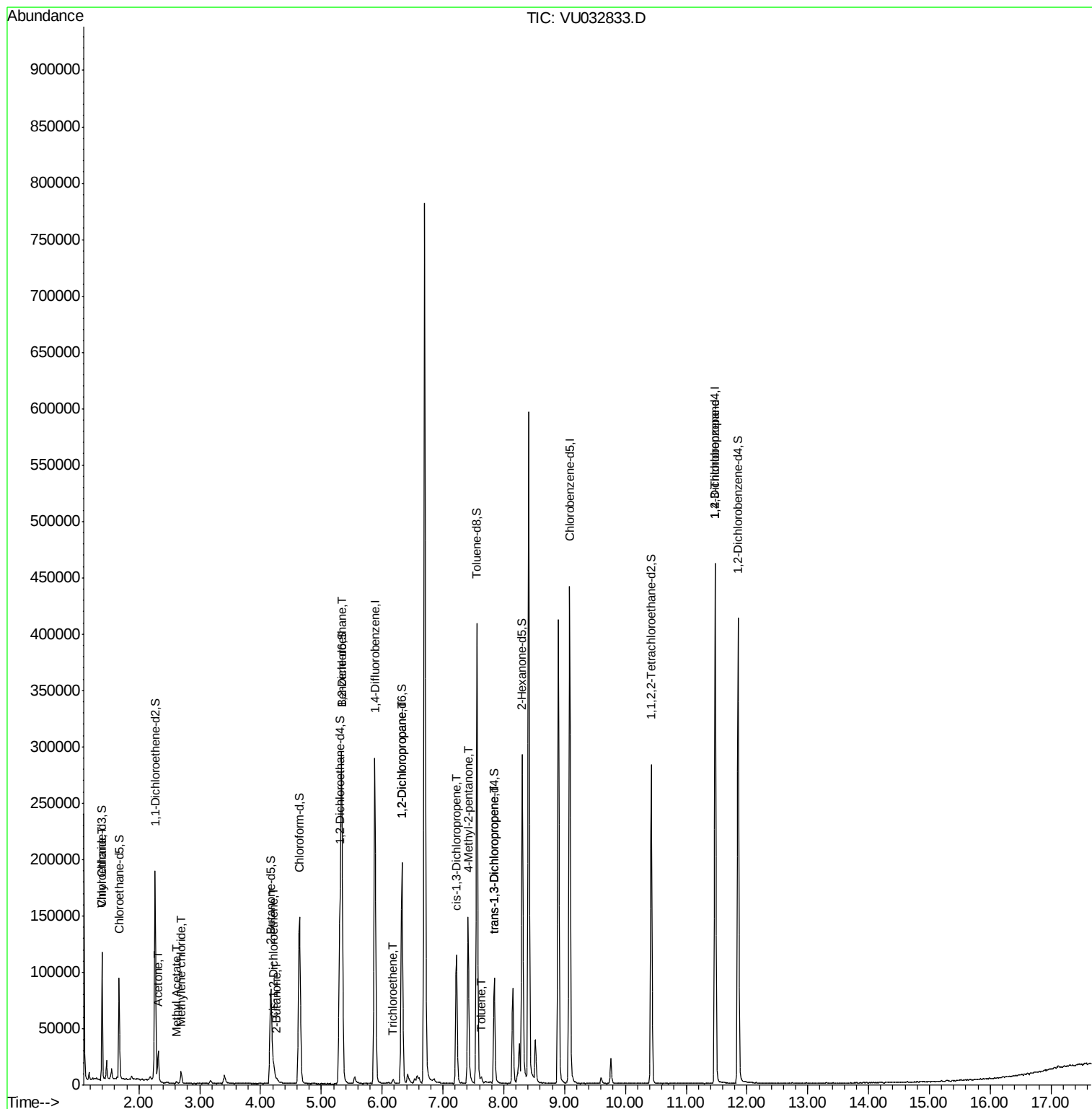
					Qvalue	
8) Chloroethane	1.40	64	1125	0.915	ug/L #	1
13) Acetone	2.32	43	27310	14.785	ug/L	99
15) Methyl Acetate	2.61	43	2068	0.988	ug/L #	82
16) Methylene chloride	2.69	84	4384	2.523	ug/L	90
20) cis-1,2-Dichloroethene	4.22	96	4849	2.772	ug/L	100
22) 2-Butanone	4.27	43	4669	2.439	ug/L #	74
27) 1,2-Dichloroethane	5.33	62	1589	0.613	ug/L #	77
34) Trichloroethene	6.19	95	960	0.537	ug/L	98
37) 1,2-Dichloropropane	6.32	63	10623	5.783	ug/L #	88
39) cis-1,3-Dichloropropene	7.22	75	3421	1.195	ug/L	88
40) 4-Methyl-2-pentanone	7.41	43	57759	19.693	ug/L #	53
42) Toluene	7.63	91	3224	0.445	ug/L	93
44) trans-1,3-Dichloropropene	7.85	75	2133	0.793	ug/L	94
59) 1,2,3-Trichloropropane	11.48	75	15006	6.121	ug/L	92

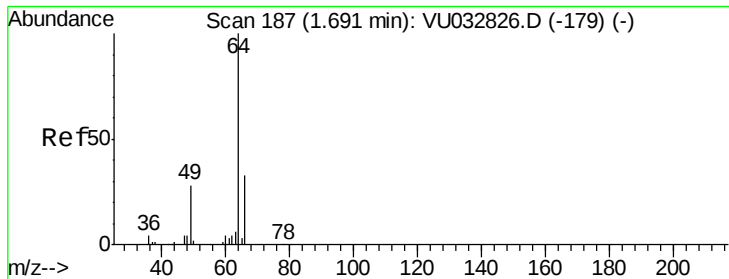
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 0.915 ug/L

RT: 1.40 min Scan# 95

Delta R.T. -0.30 min

Lab File: VU032833.D

Acq: 18 Jun 2019 19:02

Instrument :

MSVOA_U

ClientSampled :

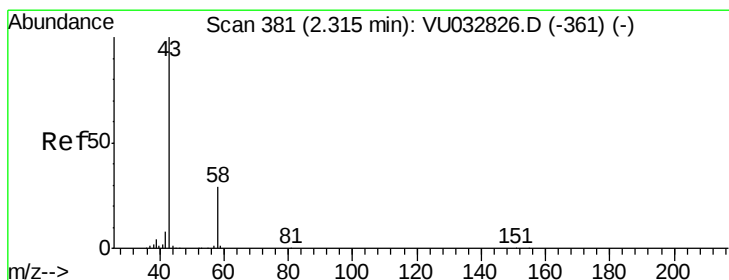
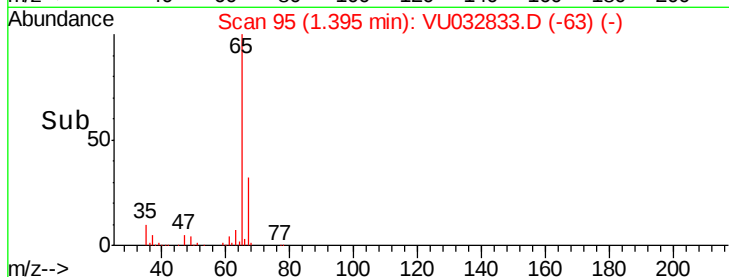
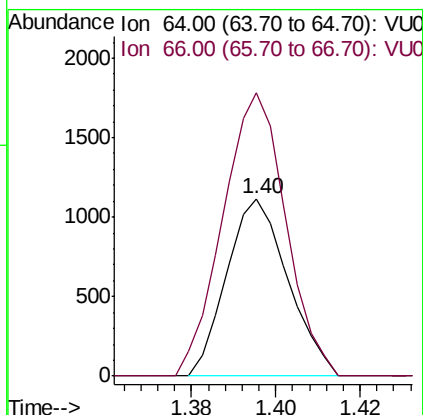
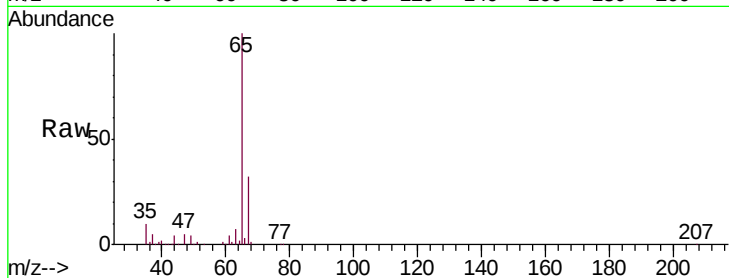
C0JT2

Tgt Ion: 64 Resp: 1125

Ion Ratio Lower Upper

64 100

66 159.2 22.5 41.7#



#13

Acetone

Concen: 14.785 ug/L

RT: 2.32 min Scan# 381

Delta R.T. -0.00 min

Lab File: VU032833.D

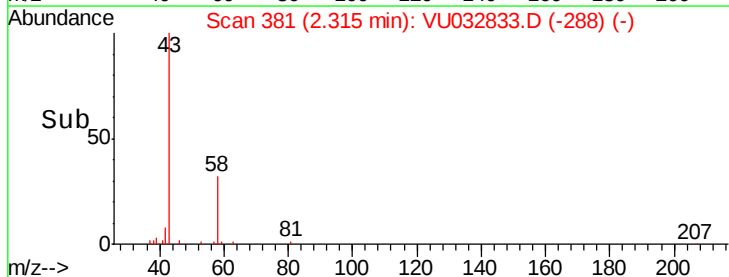
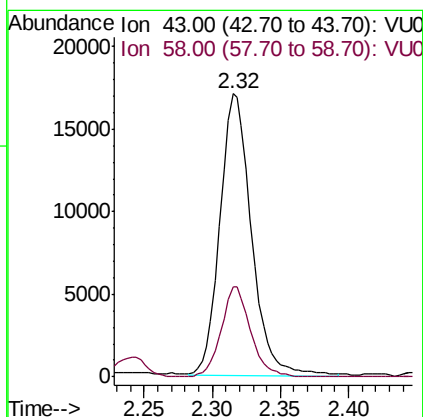
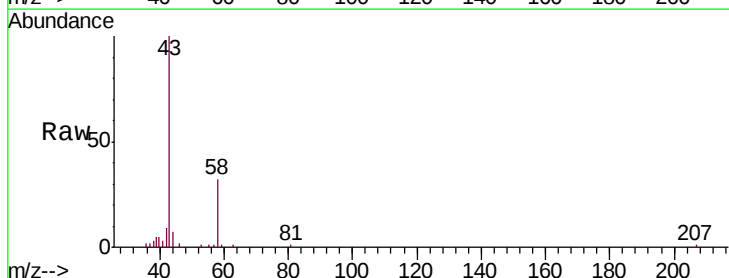
Acq: 18 Jun 2019 19:02

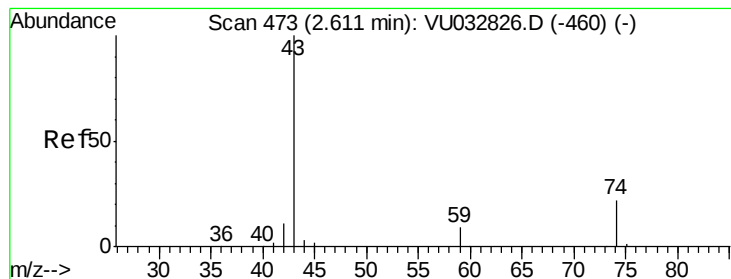
Tgt Ion: 43 Resp: 27310

Ion Ratio Lower Upper

43 100

58 30.0 0.0 60.6





#15

Methyl Acetate

Concen: 0.988 ug/L

RT: 2.61 min Scan# 474

Delta R.T. 0.00 min

Lab File: VU032833.D

Acq: 18 Jun 2019 19:02

Instrument :

MSVOA_U

ClientSampleId :

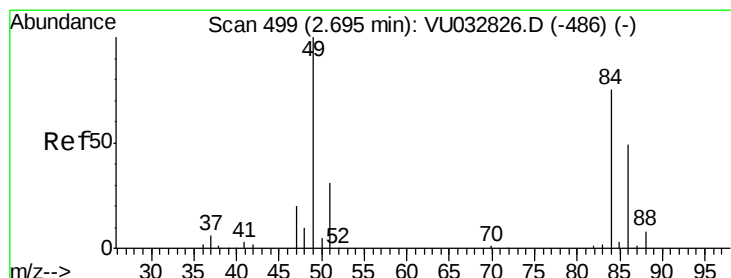
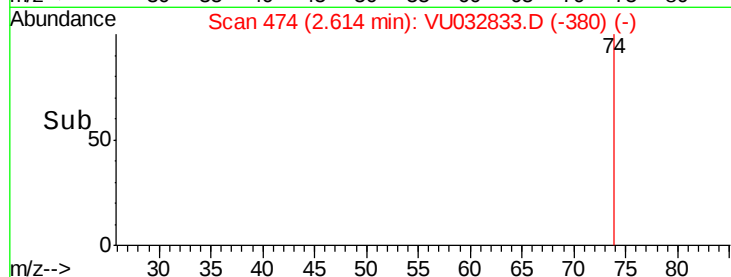
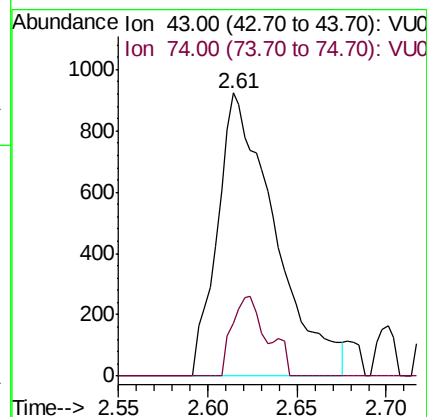
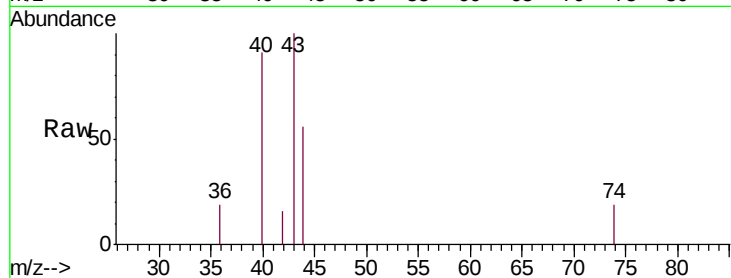
C0JT2

Tgt Ion: 43 Resp: 2068

Ion Ratio Lower Upper

43 100

74 13.9 18.1 27.1#



#16

Methylene chloride

Concen: 2.523 ug/L

RT: 2.69 min Scan# 499

Delta R.T. -0.00 min

Lab File: VU032833.D

Acq: 18 Jun 2019 19:02

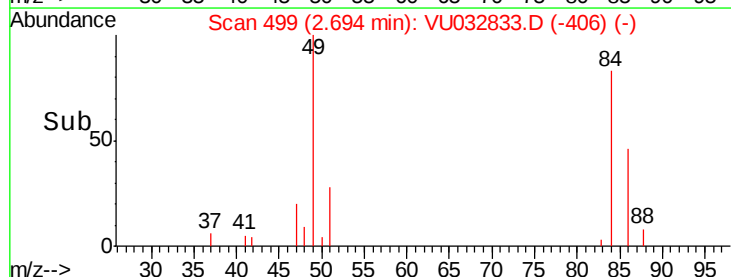
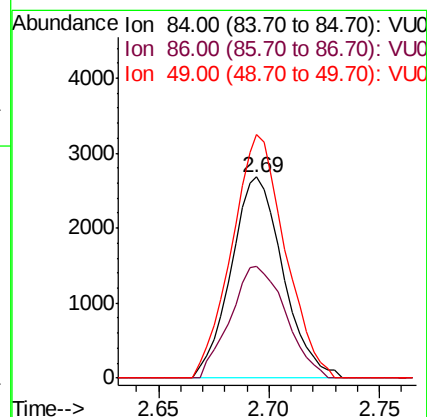
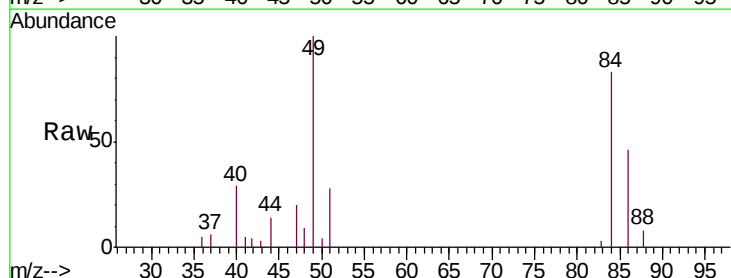
Tgt Ion: 84 Resp: 4384

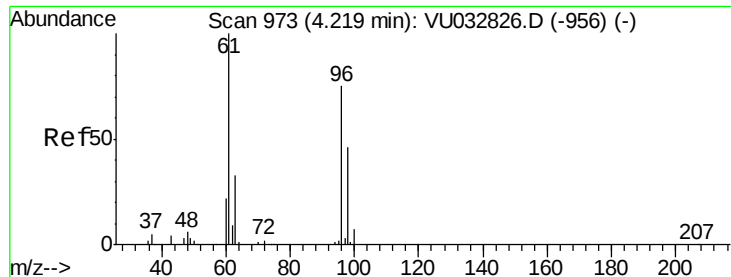
Ion Ratio Lower Upper

84 100

86 55.4 45.5 84.5

49 121.2 92.1 171.1

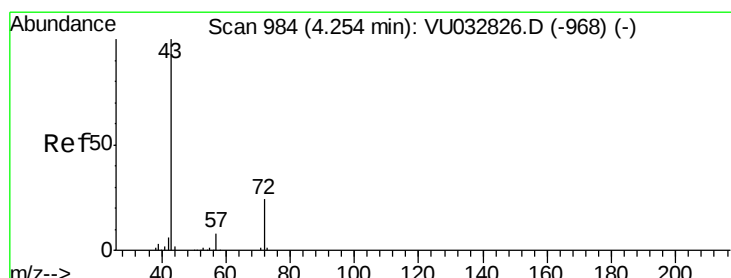
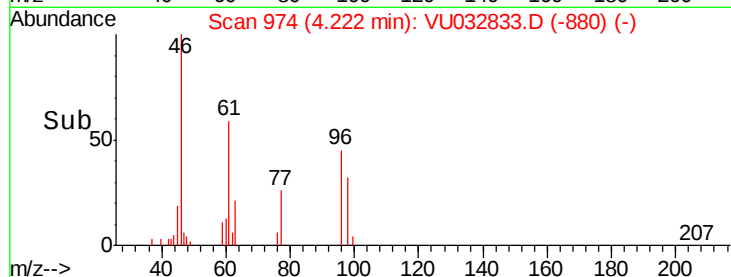
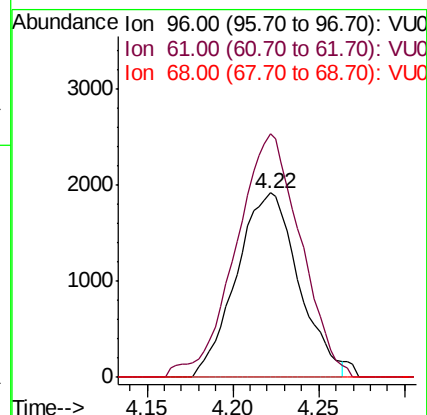
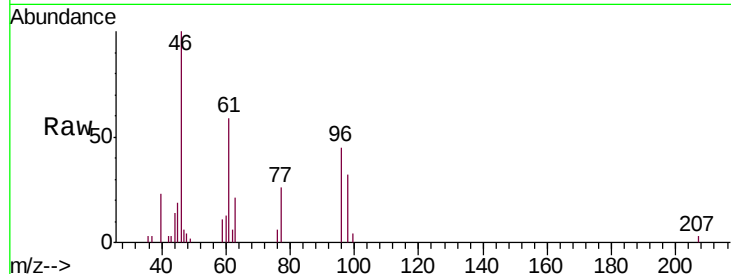




#20
 cis-1,2-Dichloroethene
 Concen: 2.772 ug/L
 RT: 4.22 min Scan# 974
 Delta R.T. 0.00 min
 Lab File: VU032833.D
 Acq: 18 Jun 2019 19:02

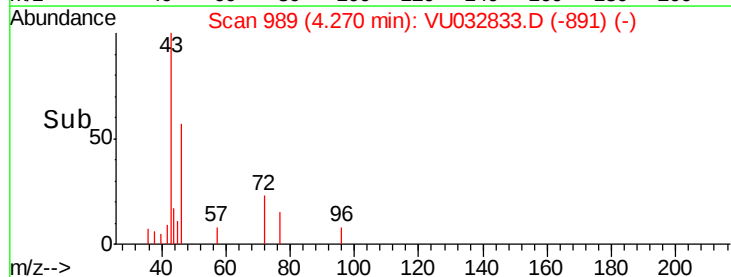
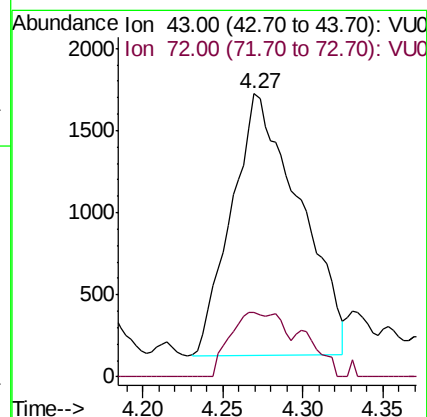
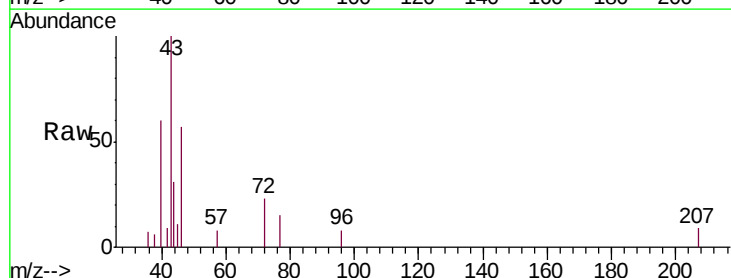
Instrument :
 MSVOA_U
 ClientSampled :
 C0JT2

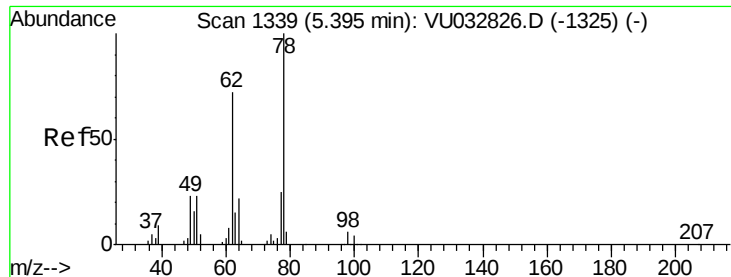
Tgt Ion: 96 Resp: 4849
 Ion Ratio Lower Upper
 96 100
 61 131.9 92.4 171.6
 68 0.0 0.0 0.0



#22
 2-Butanone
 Concen: 2.439 ug/L
 RT: 4.27 min Scan# 989
 Delta R.T. 0.02 min
 Lab File: VU032833.D
 Acq: 18 Jun 2019 19:02

Tgt Ion: 43 Resp: 4669
 Ion Ratio Lower Upper
 43 100
 72 12.7 12.9 38.6#

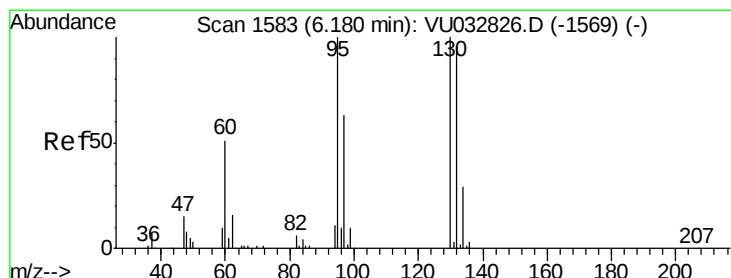
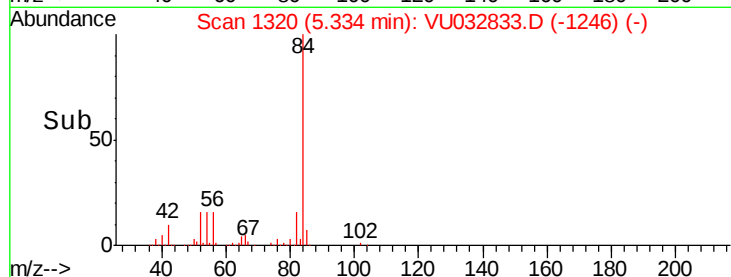
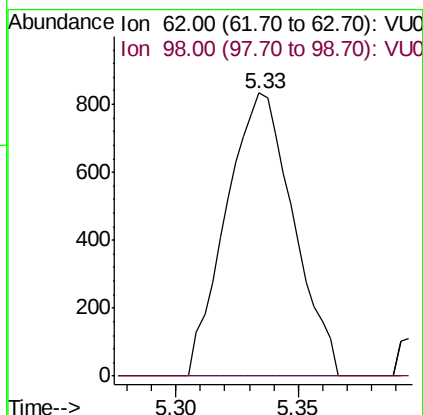
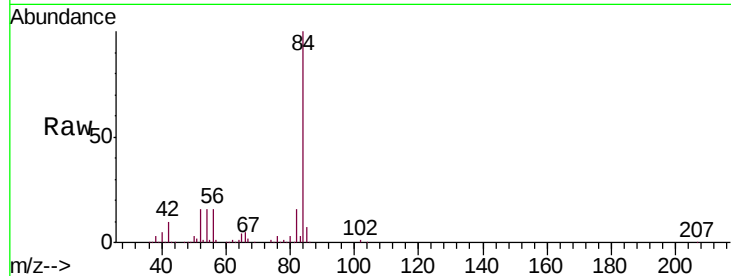




#27
 1,2-Dichloroethane
 Concen: 0.613 ug/L
 RT: 5.33 min Scan# 1320
 Delta R.T. -0.06 min
 Lab File: VU032833.D
 Acq: 18 Jun 2019 19:02

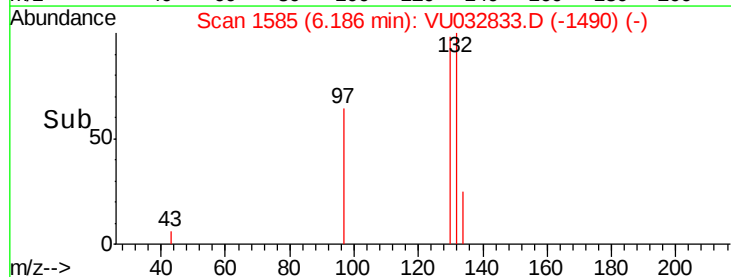
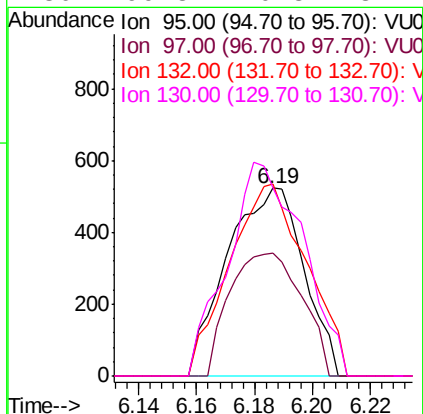
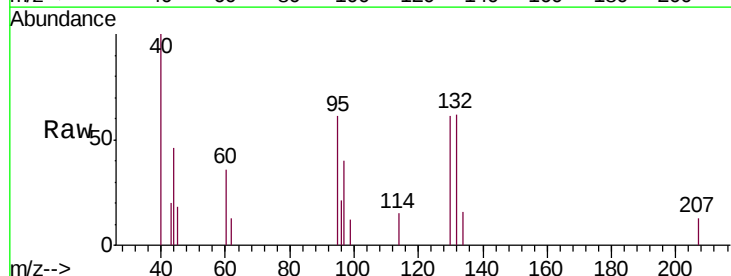
Instrument :
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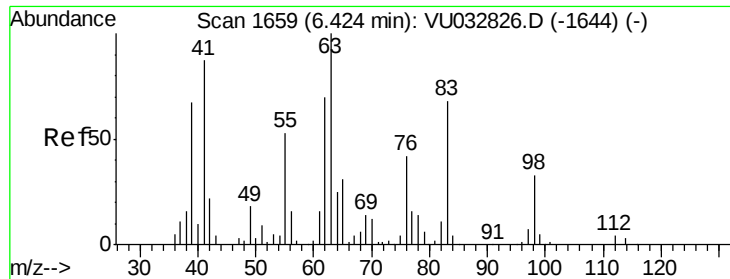
Tgt Ion: 62 Resp: 1589
 Ion Ratio Lower Upper
 62 100
 98 0.0 6.6 10.0#



#34
 Trichloroethene
 Concen: 0.537 ug/L
 RT: 6.19 min Scan# 1585
 Delta R.T. 0.01 min
 Lab File: VU032833.D
 Acq: 18 Jun 2019 19:02

Tgt Ion: 95 Resp: 960
 Ion Ratio Lower Upper
 95 100
 97 65.3 45.9 85.3
 132 102.3 68.5 127.3
 130 99.8 70.8 131.4

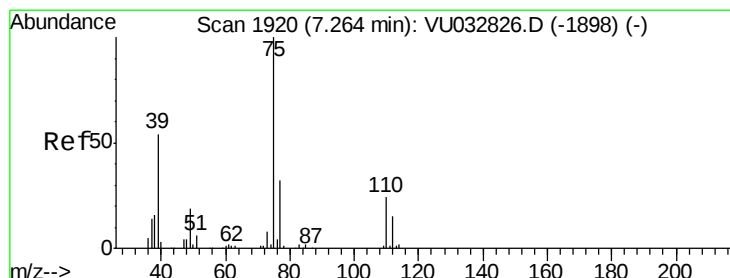
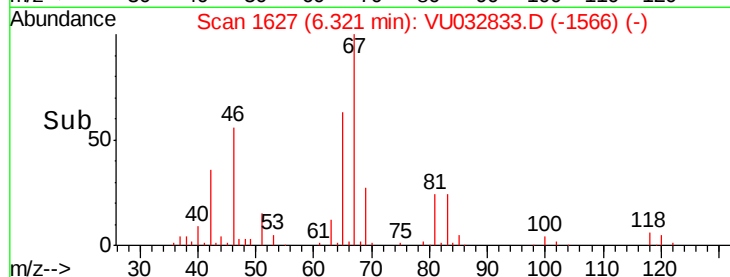
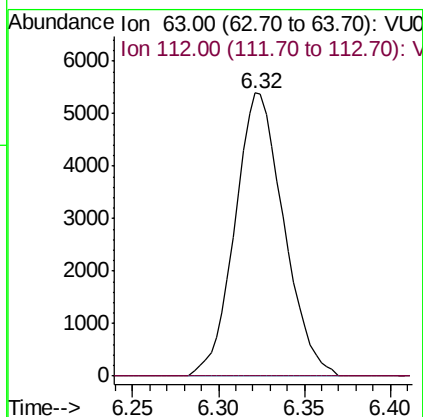
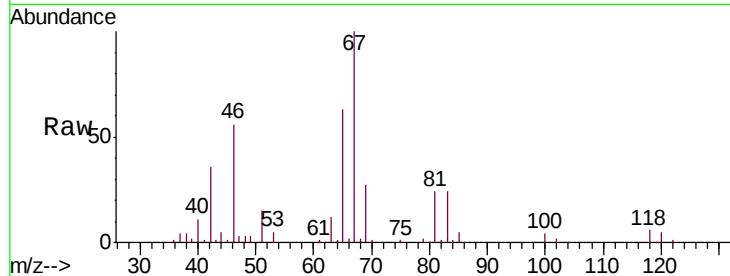




#37
 1,2-Dichloropropane
 Concen: 5.783 ug/L
 RT: 6.32 min Scan# 1627
 Delta R.T. -0.10 min
 Lab File: VU032833.D
 Acq: 18 Jun 2019 19:02

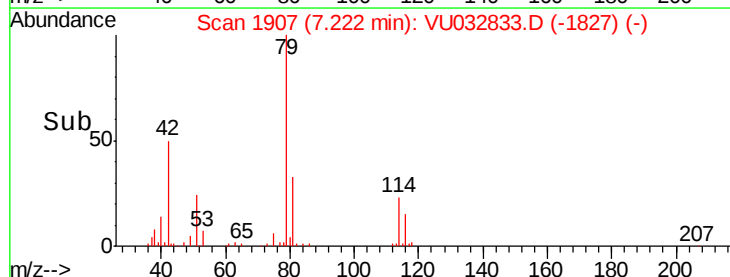
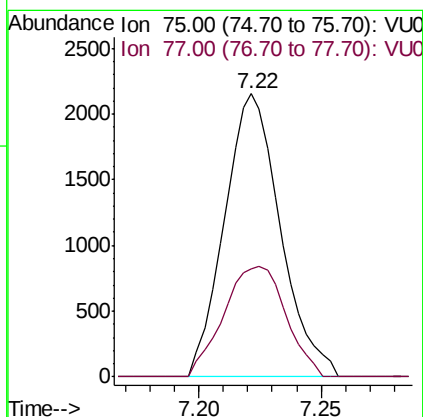
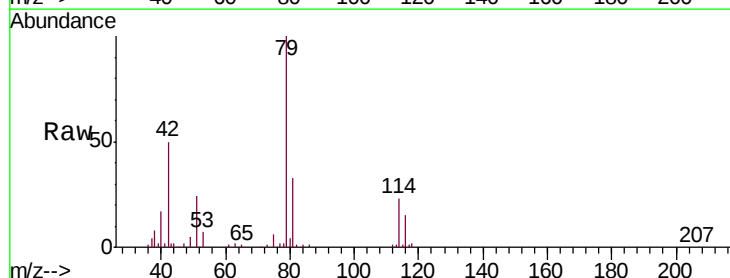
Instrument :
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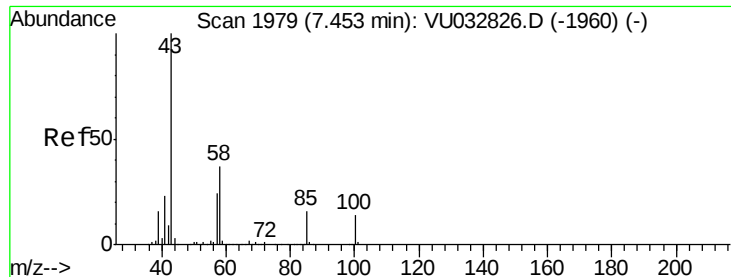
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 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.6#



#39
 cis-1,3-Dichloropropene
 Concen: 1.195 ug/L
 RT: 7.22 min Scan# 1907
 Delta R.T. -0.04 min
 Lab File: VU032833.D
 Acq: 18 Jun 2019 19:02

Tgt Ion: 75 Resp: 3421
 Ion Ratio Lower Upper
 75 100
 77 38.1 21.9 40.7

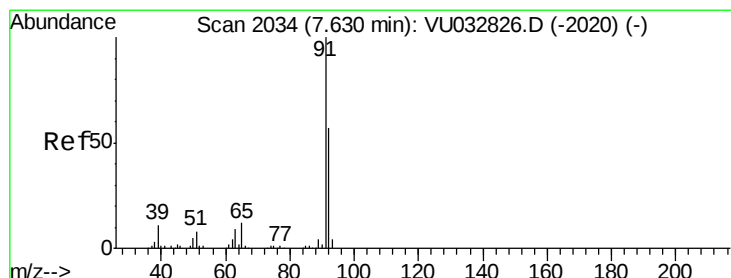
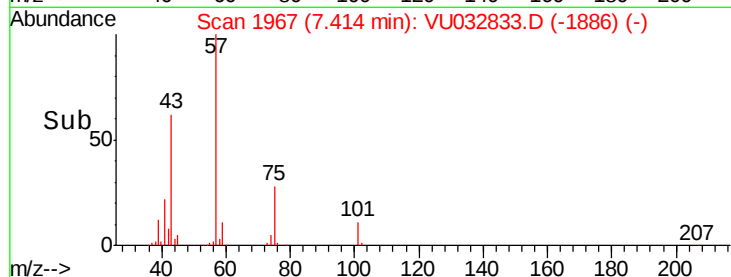
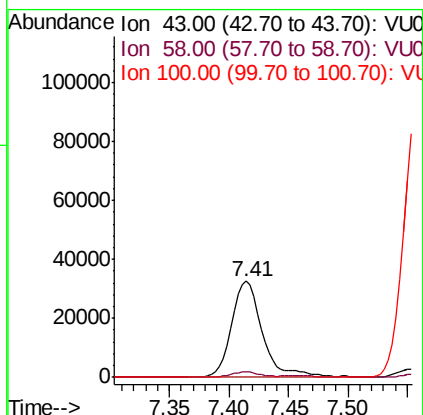
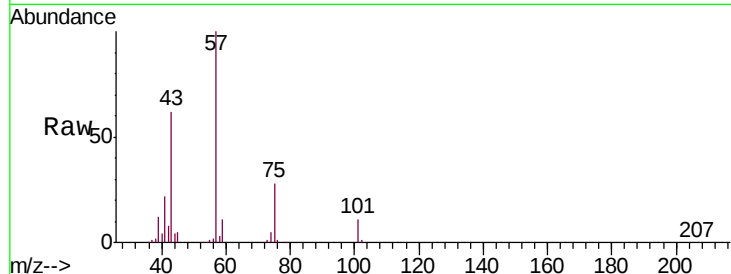




#40
4-Methyl-2-pentanone
Concen: 19.693 ug/L
RT: 7.41 min Scan# 1967
Delta R.T. -0.04 min
Lab File: VU032833.D
Acq: 18 Jun 2019 19:02

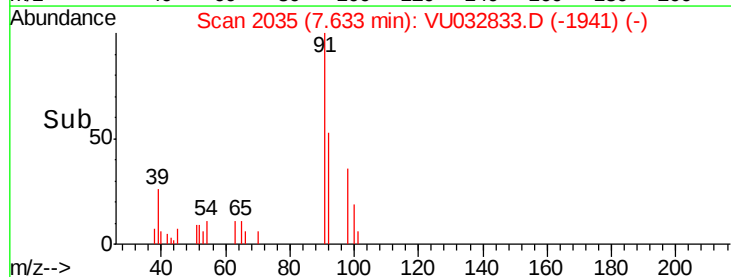
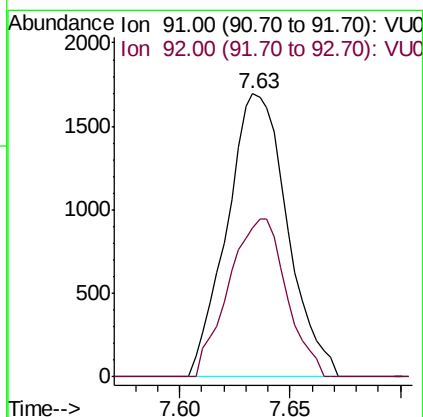
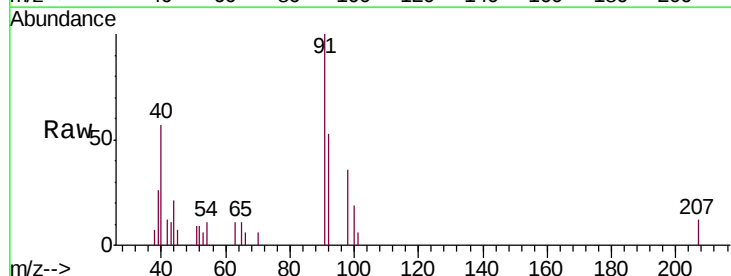
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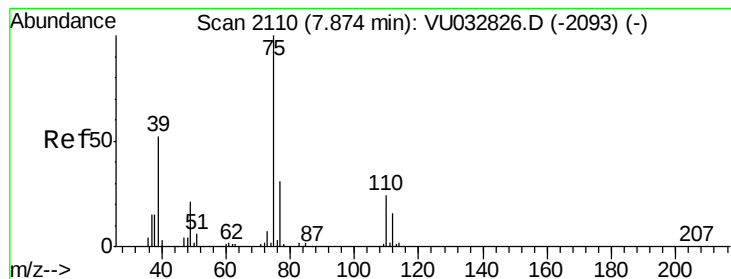
Tgt Ion: 43 Resp: 57759
Ion Ratio Lower Upper
43 100
58 5.6 29.4 44.2#
100 0.0 11.2 16.8#



#42
Toluene
Concen: 0.445 ug/L
RT: 7.63 min Scan# 2035
Delta R.T. 0.00 min
Lab File: VU032833.D
Acq: 18 Jun 2019 19:02

Tgt Ion: 91 Resp: 3224
Ion Ratio Lower Upper
91 100
92 52.6 40.4 75.0





#44

trans-1,3-Dichloropropene

Concen: 0.793 ug/L

RT: 7.85 min Scan# 2101

Delta R.T. -0.03 min

Lab File: VU032833.D

Acq: 18 Jun 2019 19:02

Instrument :

MSVOA_U

ClientSampled :

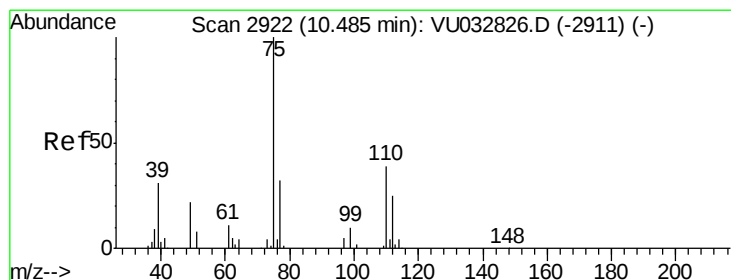
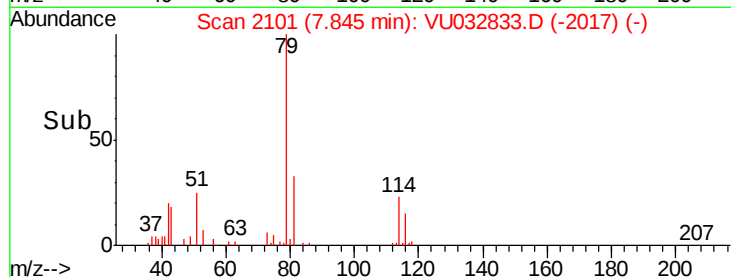
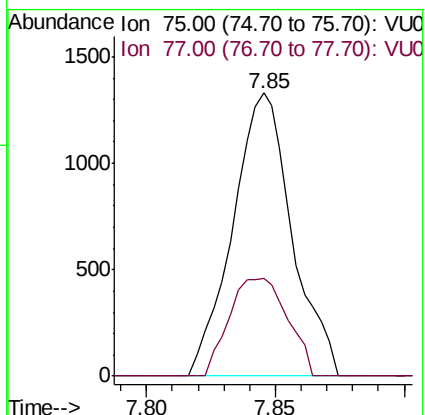
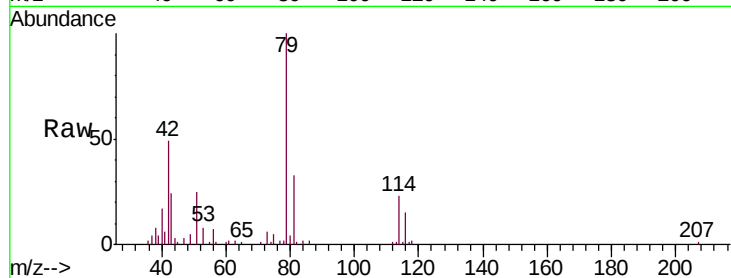
C0JT2

Tgt Ion: 75 Resp: 2133

Ion Ratio Lower Upper

75 100

77 34.6 21.8 40.4



#59

1,2,3-Trichloropropane

Concen: 6.121 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU032833.D

Acq: 18 Jun 2019 19:02

Tgt Ion: 75 Resp: 15006

Ion Ratio Lower Upper

75 100

77 36.1 25.5 38.3

