

Data File : VU032557.D
Acq On : 10 Jun 2019 11:38
Operator : JC/SP
Sample : K3277-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB8A8

Quant Time: Jun 11 04:44:23 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jun 11 04:40:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	214658	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	199608	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	105194	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	72200	51.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	103.68%
7) Chloroethane-d5	1.66	69	56580	50.56	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.12%
11) 1,1-Dichloroethene-d2	2.26	63	153419	56.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	112.52%
21) 2-Butanone-d5	4.17	46	116935	100.33	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.33%
24) Chloroform-d	4.64	84	136955	52.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.46%
26) 1,2-Dichloroethane-d4	5.30	65	85393	52.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.38%
32) Benzene-d6	5.33	84	271707	52.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.86%
36) 1,2-Dichloropropane-d6	6.32	67	85139	52.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.80%
41) Toluene-d8	7.56	98	252512	51.39	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.78%
43) trans-1,3-Dichloropropene-	7.84	79	43091	55.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	110.82%
47) 2-Hexanone-d5	8.31	63	79696	101.12	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.12%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	117726	50.00	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.00%
64) 1,2-Dichlorobenzene-d4	11.86	152	102722	50.98	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.96%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	44237	22.859 ug/L	99
3) Chloromethane	1.32	50	43383	23.200 ug/L	100
5) Vinyl chloride	1.40	62	93938	50.290 ug/L	99
6) Bromomethane	1.61	94	18688	16.788 ug/L	97
8) Chloroethane	1.68	64	28363	25.545 ug/L	99
9) Trichlorofluoromethane	1.87	101	112771	44.709 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	32466	24.749 ug/L	97
12) 1,1-Dichloroethene	2.27	96	89695	70.420 ug/L #	76
13) Acetone	2.33	43	1893	1.574 ug/L	67
16) Methylene chloride	2.69	84	64326	44.260 ug/L	99
17) trans-1,2-Dichloroethene	2.97	96	30115	21.818 ug/L	99
19) 1,1-Dichloroethane	3.43	63	171908	68.320 ug/L	100
20) cis-1,2-Dichloroethene	4.22	96	66682	42.688 ug/L	93
23) Bromochloromethane	4.54	128	35362	43.538 ug/L	97
25) Chloroform	4.66	83	158853	61.178 ug/L	98
27) 1,2-Dichloroethane	5.40	62	152228	74.160 ug/L	100
30) 1,1,1-Trichloroethane	4.90	97	51094	22.612 ug/L	99

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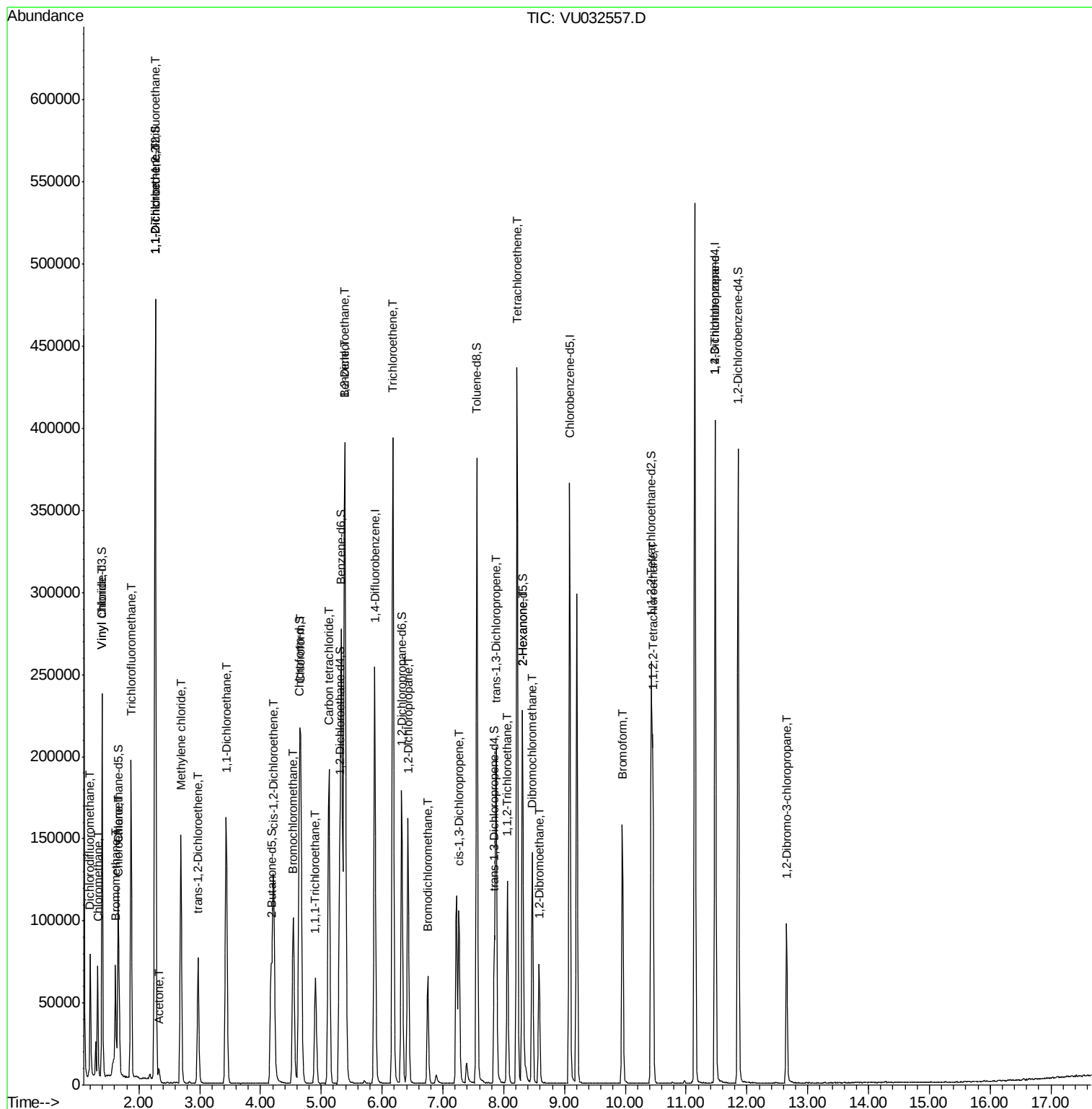
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
31) Carbon tetrachloride	5.13	117	139538	67.376	ug/L	100
33) Benzene	5.38	78	274283	48.906	ug/L	100
34) Trichloroethene	6.18	95	131844	86.408	ug/L	98
37) 1,2-Dichloropropane	6.42	63	62844	42.271	ug/L	99
38) Bromodichloromethane	6.75	83	43149	22.540	ug/L	97
39) cis-1,3-Dichloropropene	7.26	75	61420	26.184	ug/L	100
44) trans-1,3-Dichloropropene	7.87	75	112879	54.217	ug/L	99
45) 1,1,2-Trichloroethane	8.06	97	38068	27.078	ug/L	98
46) Tetrachloroethene	8.22	164	97332	77.235	ug/L	98
48) 2-Hexanone	8.31	43	9263	4.715	ug/L #	70
49) Dibromochloromethane	8.47	129	71018	43.460	ug/L	98
50) 1,2-Dibromoethane	8.58	107	48120	30.409	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.45	83	92621	38.547	ug/L	99
59) 1,2,3-Trichloropropane	11.48	75	12645	6.543	ug/L	95
61) Bromoform	9.95	173	71605	57.093	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.65	75	24088	44.496	ug/L	96

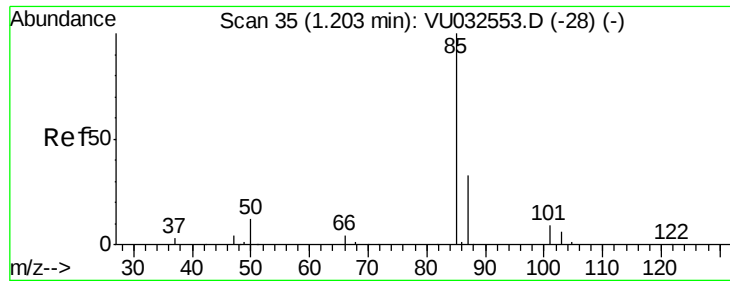
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 22.859 ug/L

RT: 1.20 min Scan# 34

Delta R.T. -0.00 min

Lab File: VU032557.D

Acq: 10 Jun 2019 11:38

Instrument :

MSVOA_U

ClientSampleId :

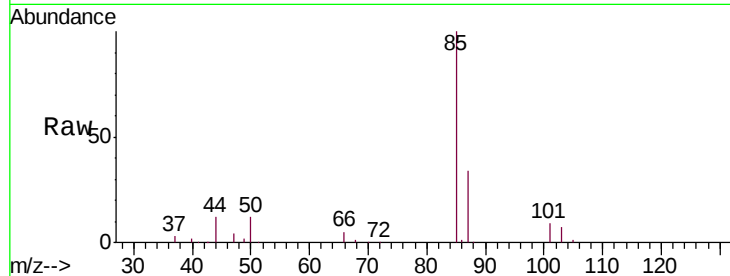
DB8A8

Tgt Ion: 85 Resp: 44237

Ion Ratio Lower Upper

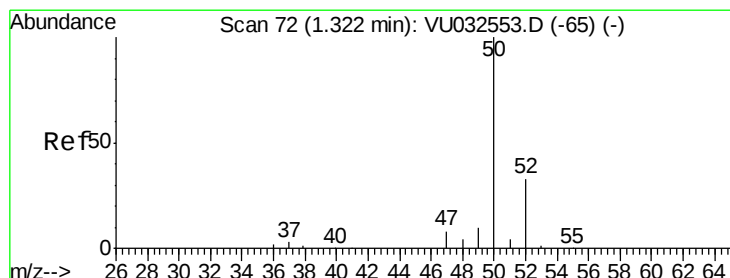
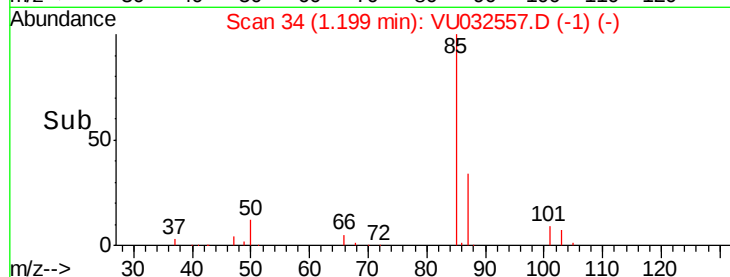
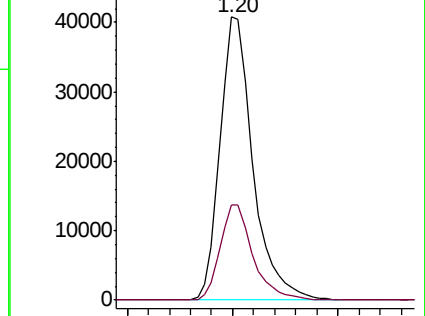
85 100

87 33.4 26.1 39.1



Abundance Ion 85.00 (84.70 to 85.70): VU032553.D (-28) (-)

Ion 87.00 (86.70 to 87.70): VU032553.D (-28) (-)



#3

Chloromethane

Concen: 23.200 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.00 min

Lab File: VU032557.D

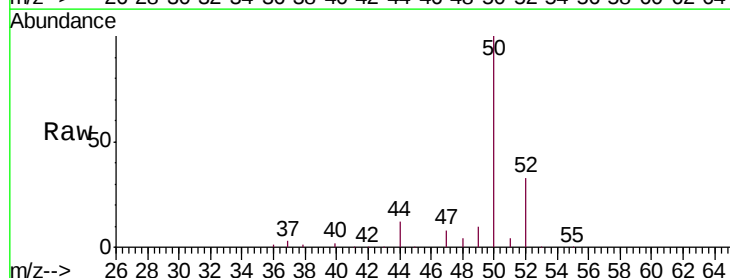
Acq: 10 Jun 2019 11:38

Tgt Ion: 50 Resp: 43383

Ion Ratio Lower Upper

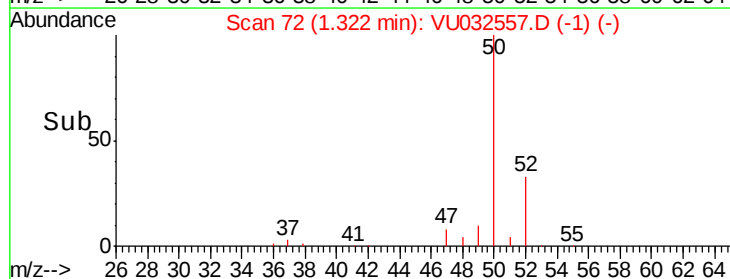
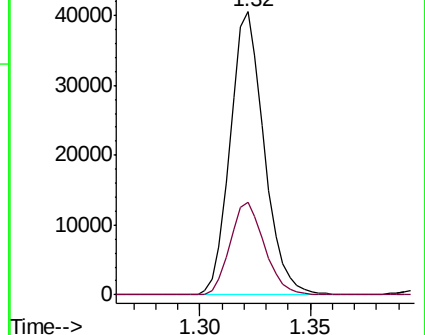
50 100

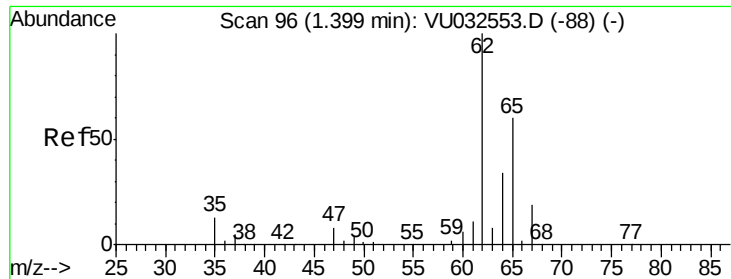
52 32.7 23.0 42.6



Abundance Ion 50.00 (49.70 to 50.70): VU032553.D (-65) (-)

Ion 52.00 (51.70 to 52.70): VU032553.D (-65) (-)





#5

Vinyl chloride

Concen: 50.290 ug/L

RT: 1.40 min Scan# 96

Delta R.T. -0.00 min

Lab File: VU032557.D

Acq: 10 Jun 2019 11:38

Instrument :

MSVOA_U

ClientSampleId :

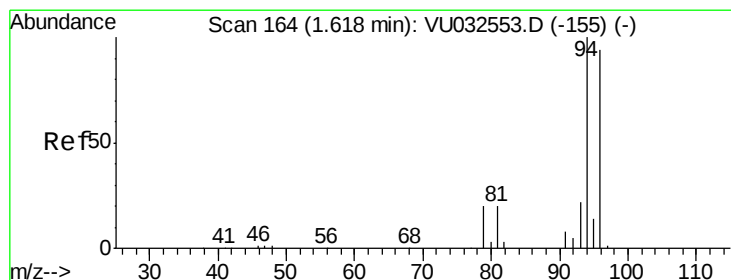
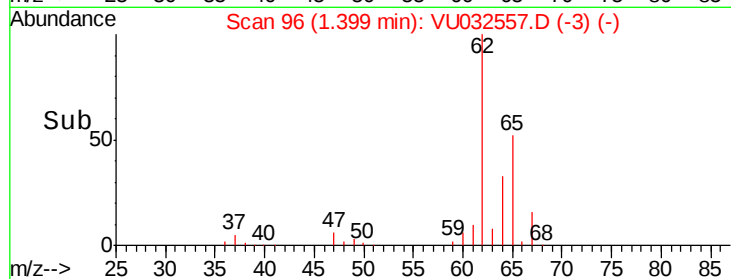
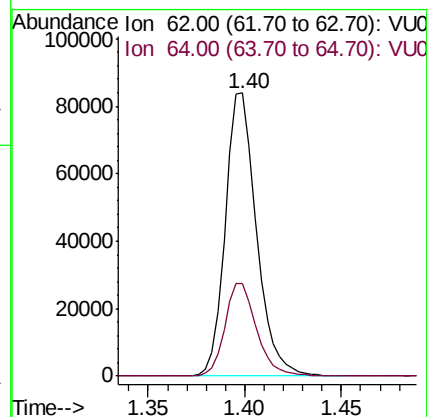
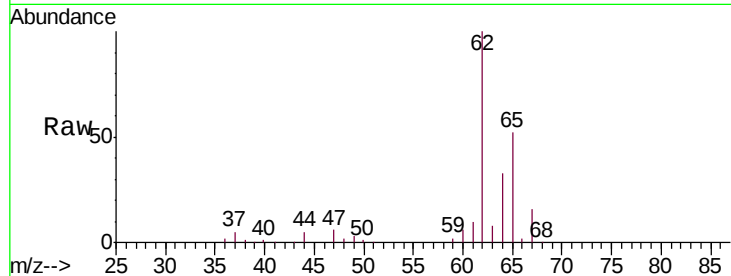
DB8A8

Tgt Ion: 62 Resp: 93938

Ion Ratio Lower Upper

62 100

64 32.7 22.6 42.0



#6

Bromomethane

Concen: 16.788 ug/L

RT: 1.61 min Scan# 163

Delta R.T. -0.00 min

Lab File: VU032557.D

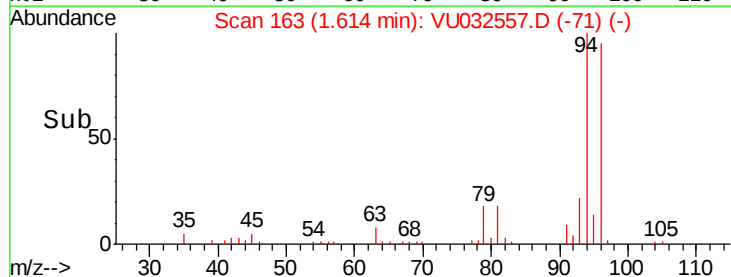
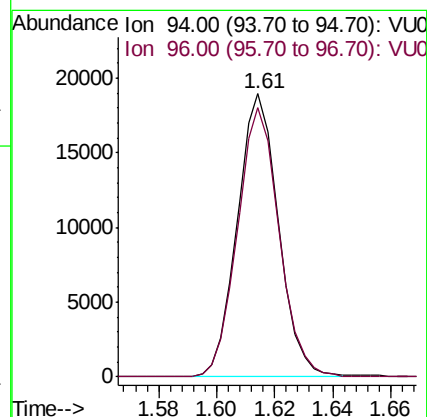
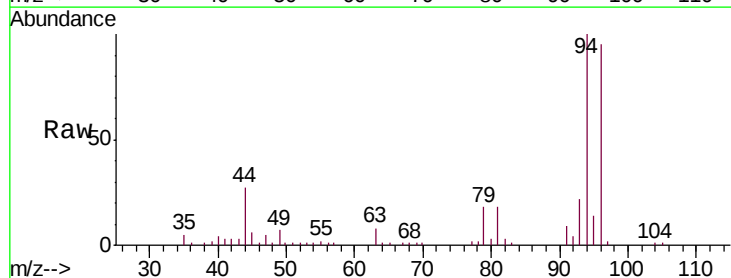
Acq: 10 Jun 2019 11:38

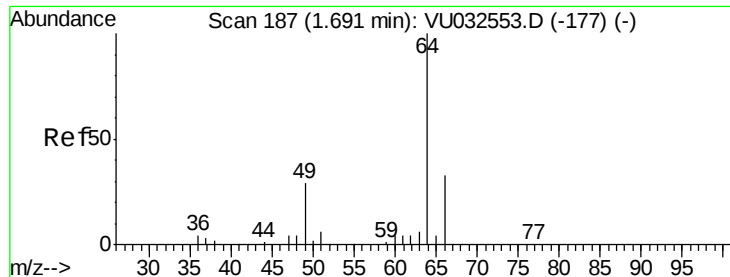
Tgt Ion: 94 Resp: 18688

Ion Ratio Lower Upper

94 100

96 94.9 64.7 120.1





#8

Chloroethane

Concen: 25.545 ug/L

RT: 1.68 min Scan# 182

Delta R.T. -0.02 min

Lab File: VU032557.D

Acq: 10 Jun 2019 11:38

Instrument :

MSVOA_U

ClientSampleId :

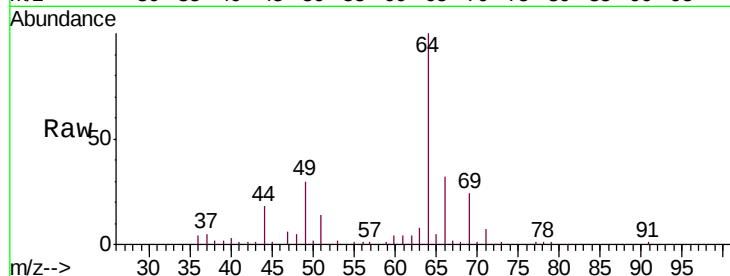
DB8A8

Tgt Ion: 64 Resp: 28363

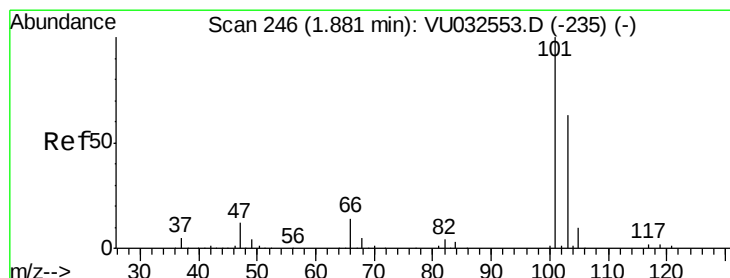
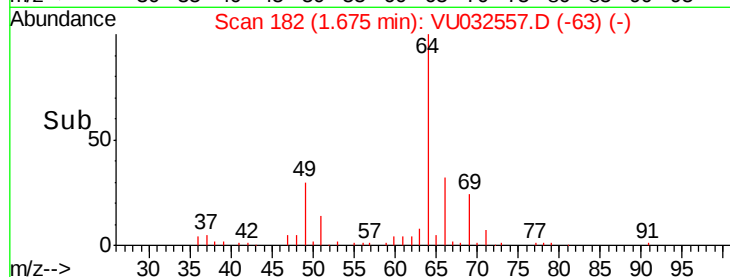
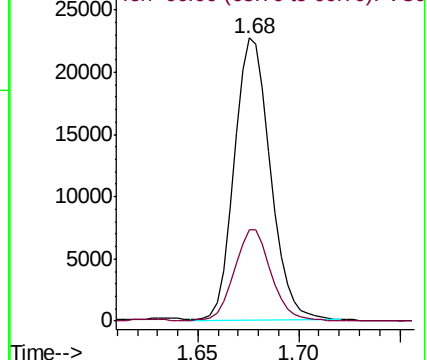
Ion Ratio Lower Upper

64 100

66 32.1 22.9 42.5



Abundance Ion 64.00 (63.70 to 64.70): VU032557.D (-182) (-)



#9

Trichlorofluoromethane

Concen: 44.709 ug/L

RT: 1.87 min Scan# 243

Delta R.T. -0.01 min

Lab File: VU032557.D

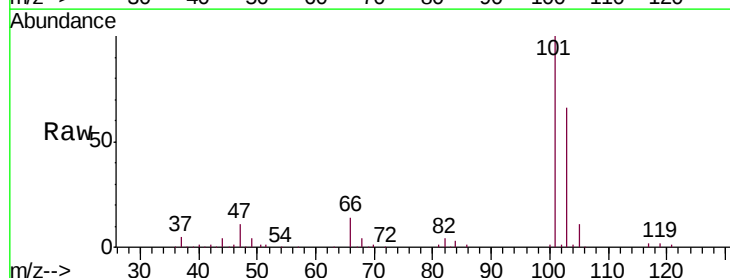
Acq: 10 Jun 2019 11:38

Tgt Ion: 101 Resp: 112771

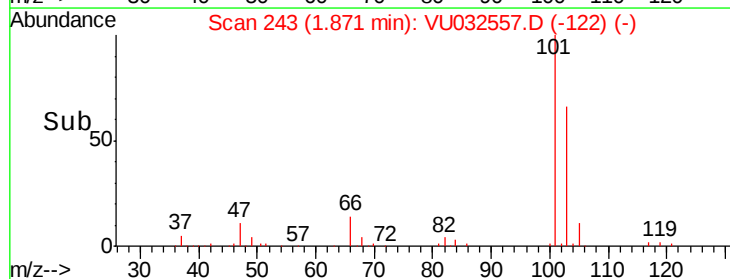
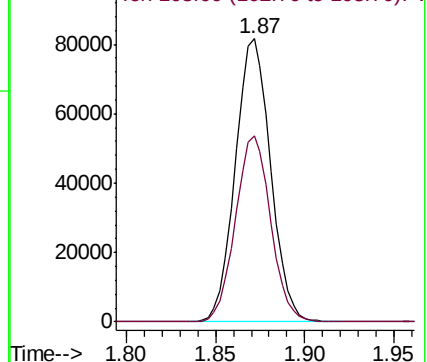
Ion Ratio Lower Upper

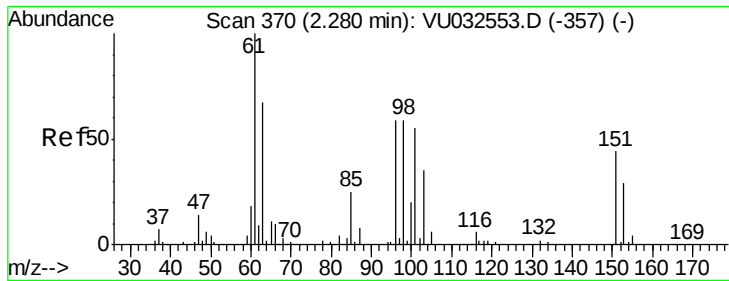
101 100

103 65.4 52.5 78.7



Abundance Ion 101.00 (100.70 to 101.70): VU032557.D (-243) (-)





#10

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

Concen: 24.749 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

Lab File: VU032557.D

Acq: 10 Jun 2019 11:38

Instrument :

MSVOA_U

ClientSampleId :

DB8A8

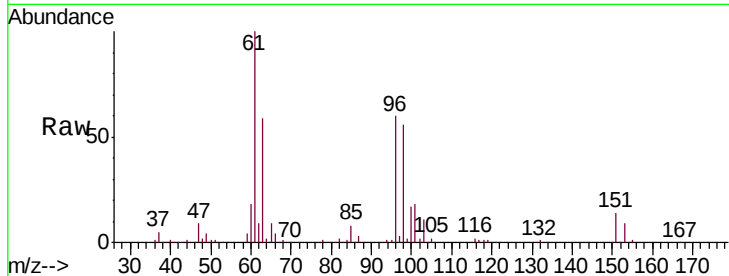
Tgt Ion:101 Resp: 32466

Ion Ratio Lower Upper

101 100

85 42.9 36.1 54.1

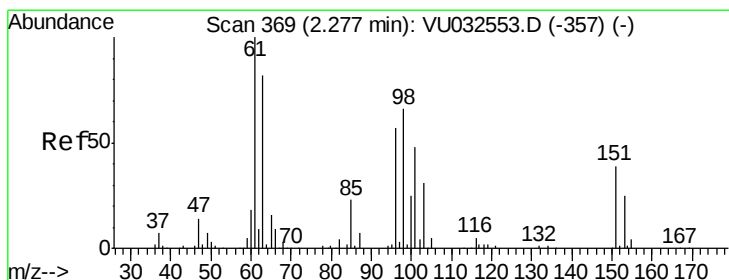
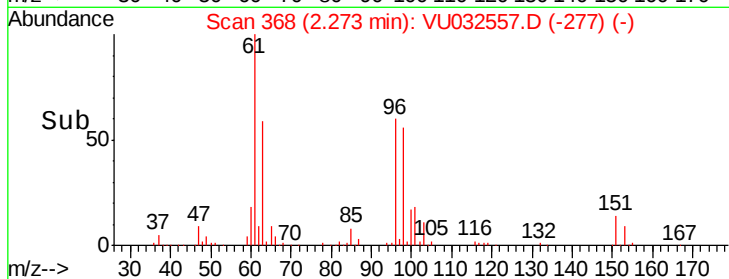
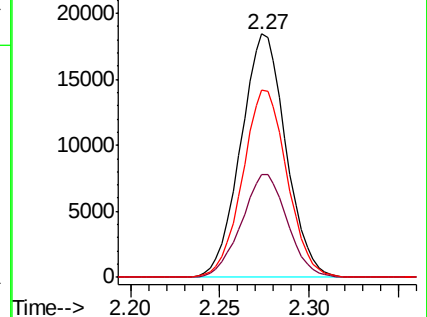
151 75.9 63.0 94.4



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



#12

1,1-Dichloroethene

Concen: 70.420 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.00 min

Lab File: VU032557.D

Acq: 10 Jun 2019 11:38

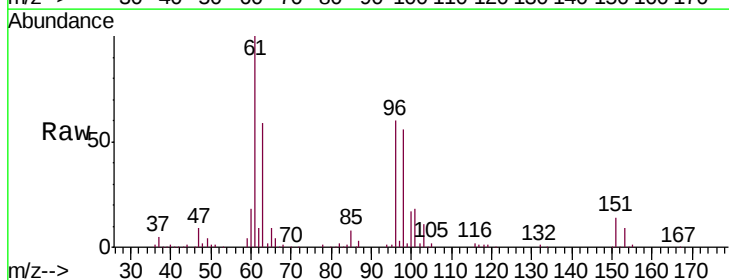
Tgt Ion: 96 Resp: 89695

Ion Ratio Lower Upper

96 100

61 167.6 129.5 240.5

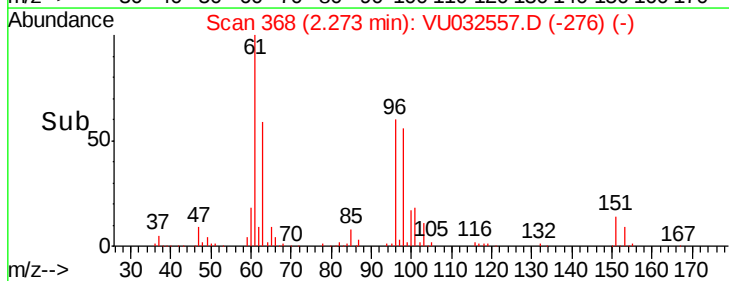
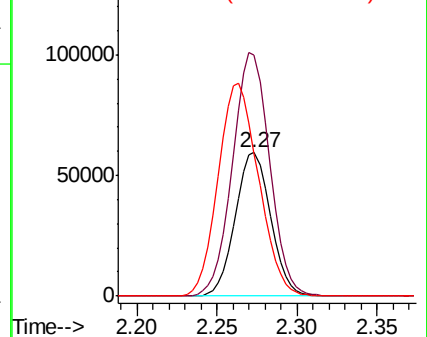
63 99.2 103.4 192.0#

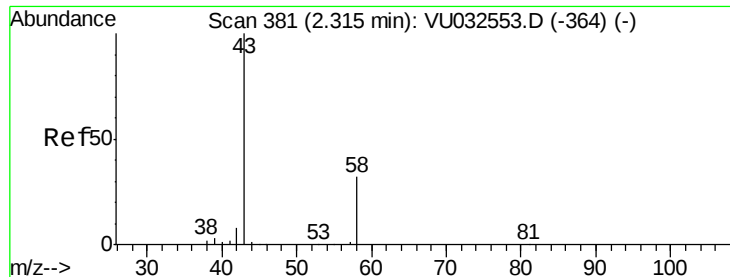


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 1.574 ug/L

RT: 2.33 min Scan# 385

Delta R.T. 0.01 min

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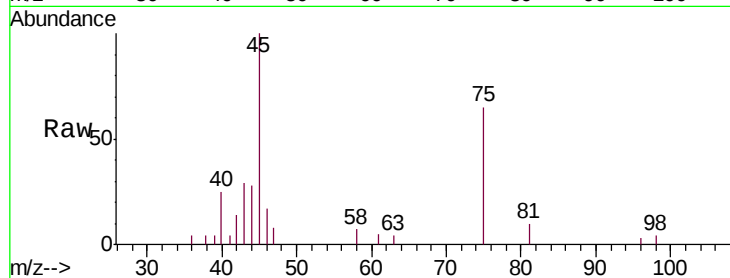
DB8A8

Tgt Ion: 43 Resp: 1893

Ion Ratio Lower Upper

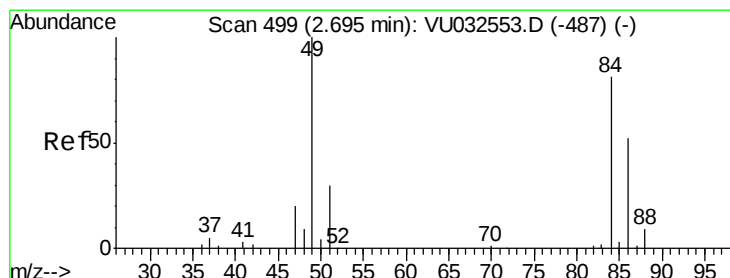
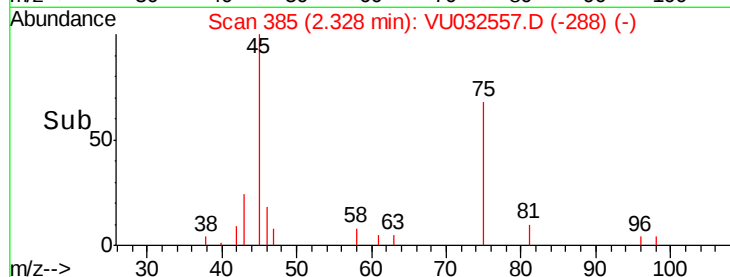
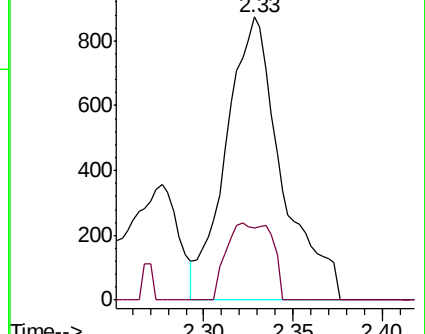
43 100

58 13.8 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VU032557.D (-385) (-)

Ion 58.00 (57.70 to 58.70): VU032557.D (-385) (-)



#16

Methylene chloride

Concen: 44.260 ug/L

RT: 2.69 min Scan# 498

Delta R.T. -0.00 min

Lab File: VU032557.D

Acq: 10 Jun 2019 11:38

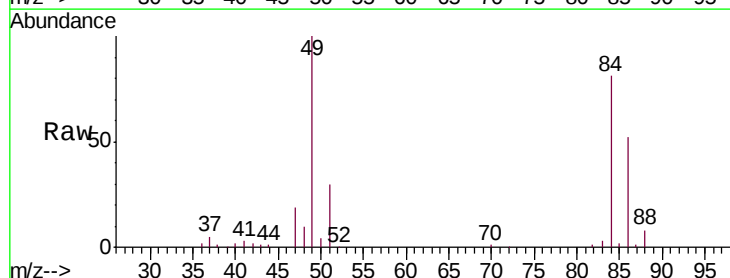
Tgt Ion: 84 Resp: 64326

Ion Ratio Lower Upper

84 100

86 64.3 44.7 82.9

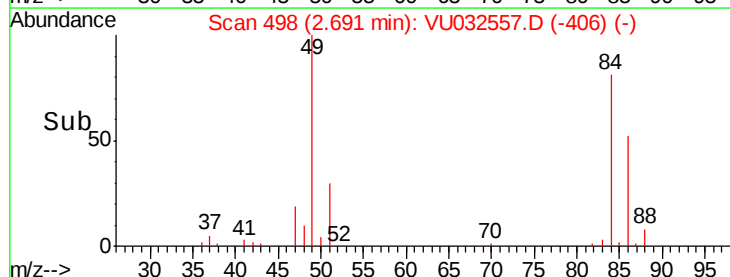
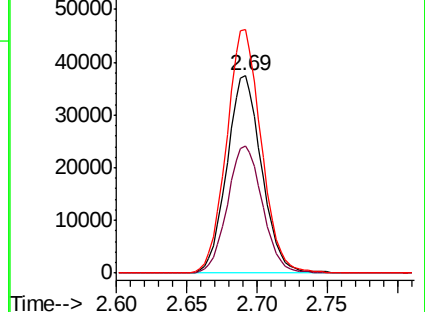
49 123.6 86.1 159.9

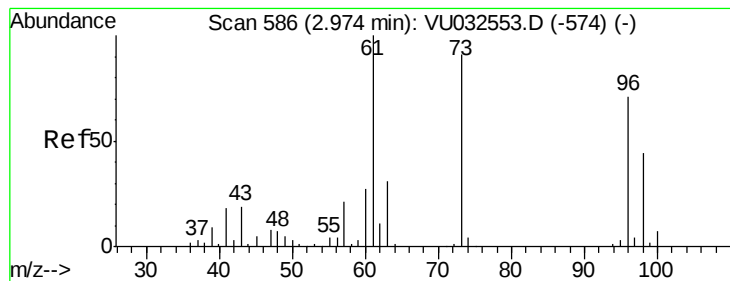


Abundance Ion 84.00 (83.70 to 84.70): VU032557.D (-498) (-)

Ion 86.00 (85.70 to 86.70): VU032557.D (-498) (-)

Ion 49.00 (48.70 to 49.70): VU032557.D (-498) (-)





#17

trans-1,2-Dichloroethene

Concen: 21.818 ug/L

RT: 2.97 min Scan# 586

Delta R.T. -0.00 min

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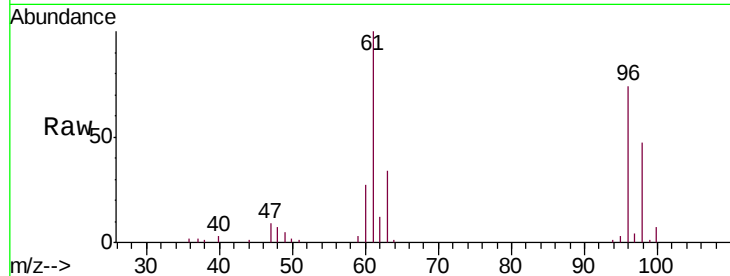
Tgt Ion: 96 Resp: 30115

Ion Ratio Lower Upper

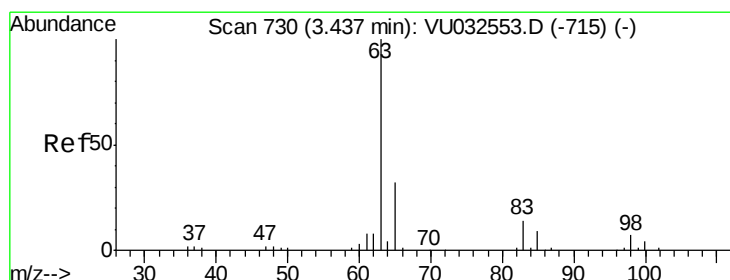
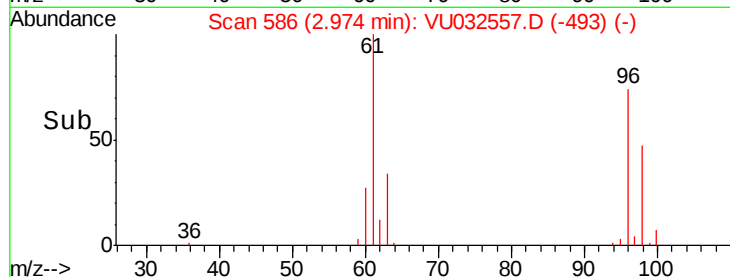
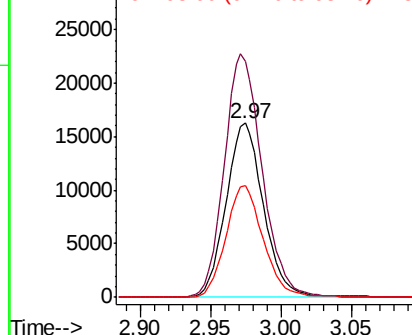
96 100

61 135.7 95.7 177.7

98 64.3 44.0 81.6



Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.00 (60.70 to 61.70): VU0
Ion 98.00 (97.70 to 98.70): VU0



#19

1,1-Dichloroethane

Concen: 68.320 ug/L

RT: 3.43 min Scan# 729

Delta R.T. -0.00 min

Lab File: VU032557.D

Acq: 10 Jun 2019 11:38

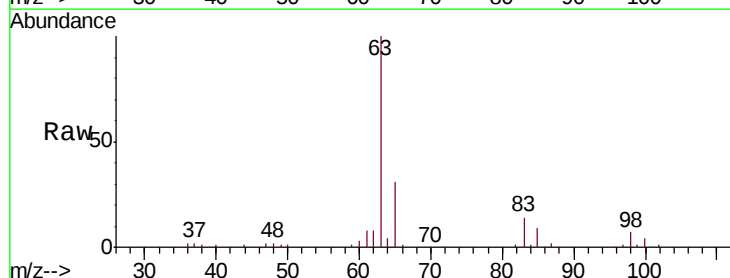
Tgt Ion: 63 Resp: 171908

Ion Ratio Lower Upper

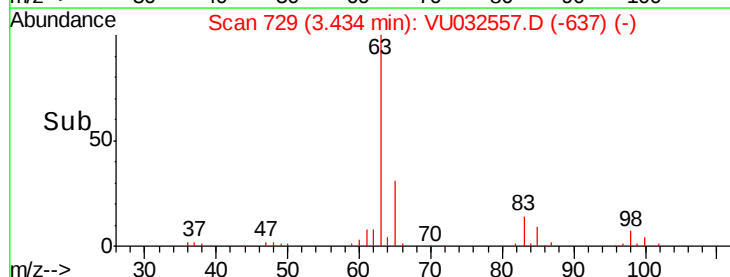
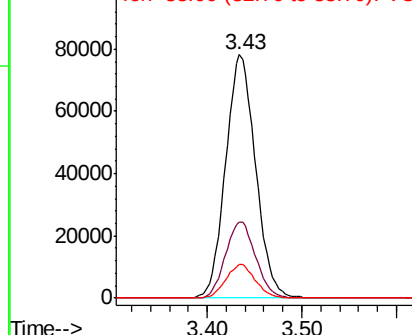
63 100

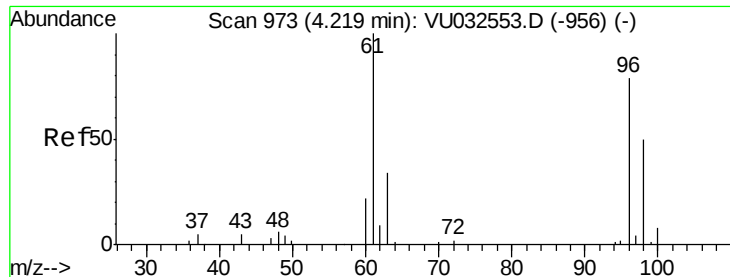
65 31.3 21.8 40.6

83 13.7 9.8 18.2



Abundance Ion 63.00 (62.70 to 63.70): VU0
Ion 65.00 (64.70 to 65.70): VU0
Ion 83.00 (82.70 to 83.70): VU0



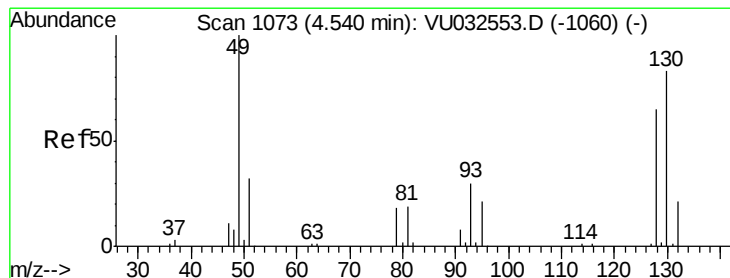
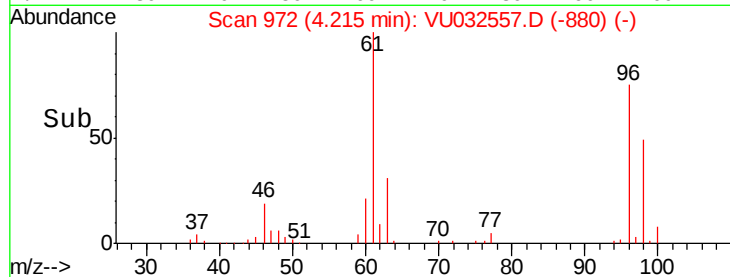
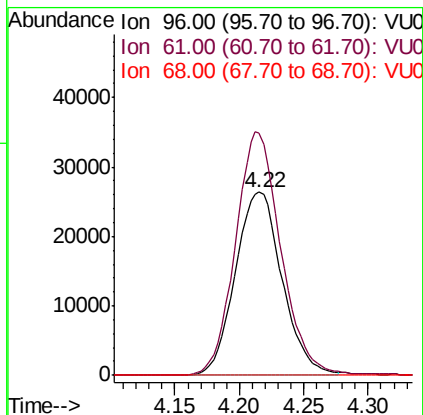
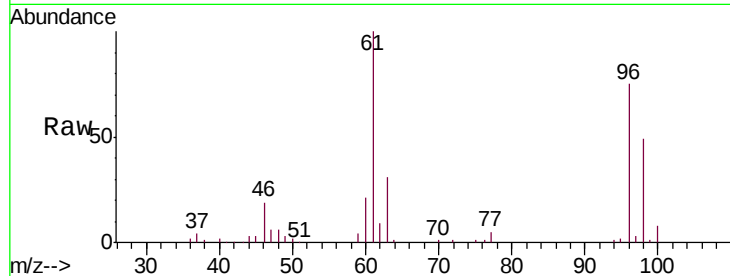


#20

cis-1,2-Dichloroethene
 Concen: 42.688 ug/L
 RT: 4.22 min Scan# 972
 Delta R.T. -0.00 min
 Lab File: VU032557.D
 Acq: 10 Jun 2019 11:38

Instrument :
 MSVOA_U
 ClientSampleId :
 DB8A8

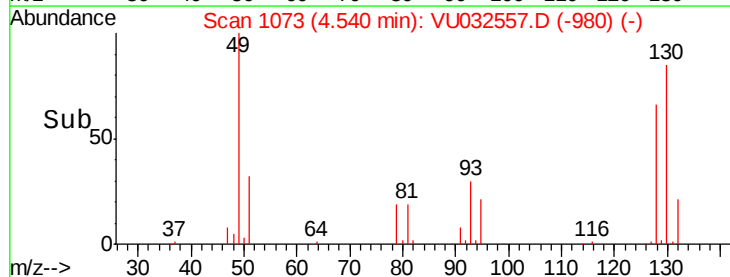
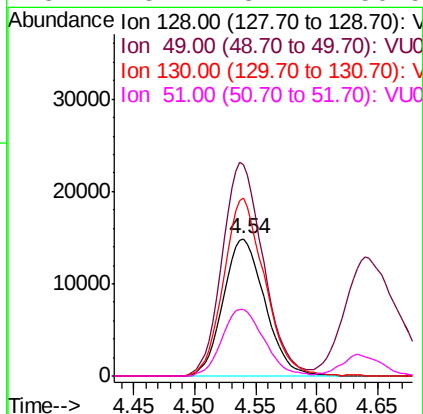
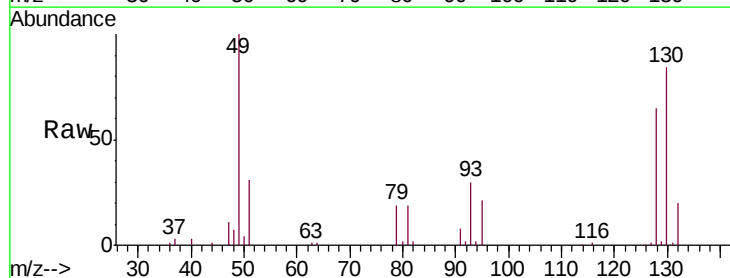
Tgt Ion: 96 Resp: 66682
 Ion Ratio Lower Upper
 96 100
 61 132.6 87.2 162.0
 68 0.0 0.0 0.0

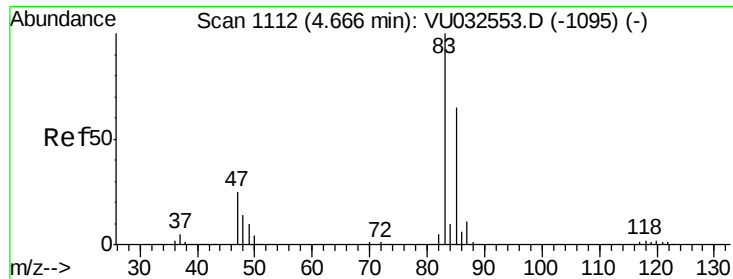


#23

Bromochloromethane
 Concen: 43.538 ug/L
 RT: 4.54 min Scan# 1073
 Delta R.T. -0.00 min
 Lab File: VU032557.D
 Acq: 10 Jun 2019 11:38

Tgt Ion: 128 Resp: 35362
 Ion Ratio Lower Upper
 128 100
 49 154.4 103.7 192.5
 130 129.4 92.2 171.2
 51 48.4 37.7 56.5

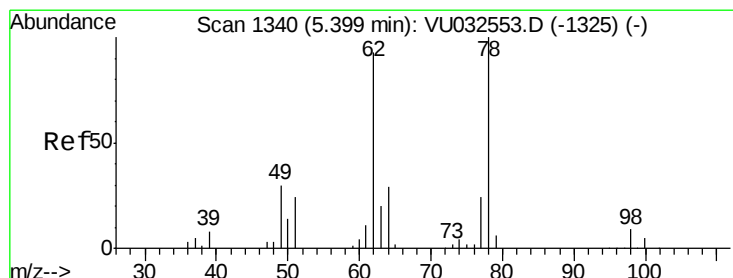
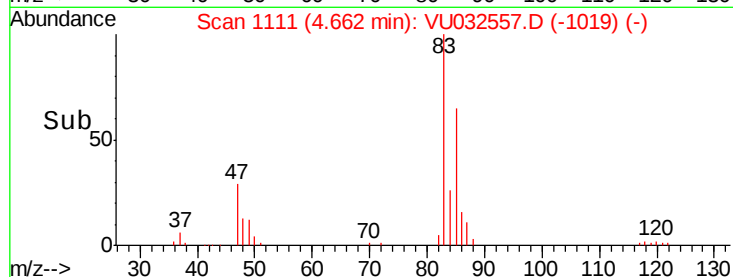
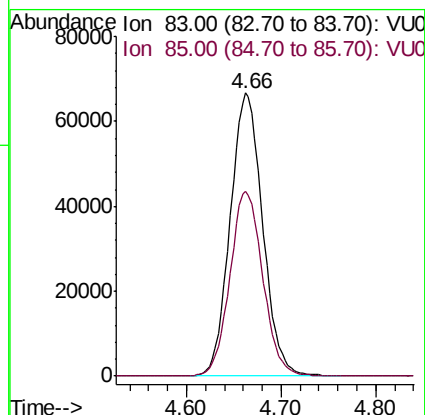
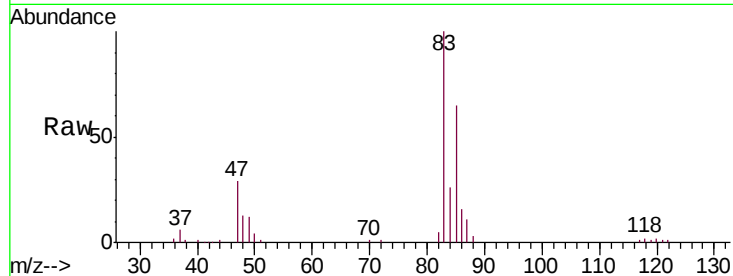




#25
Chloroform
Concen: 61.178 ug/L
RT: 4.66 min Scan# 1111
Delta R.T. -0.00 min
Lab File: VU032557.D
Acq: 10 Jun 2019 11:38

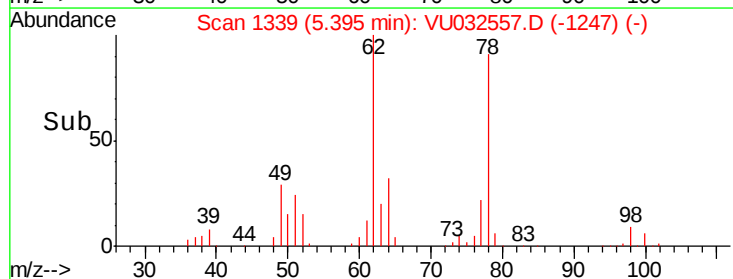
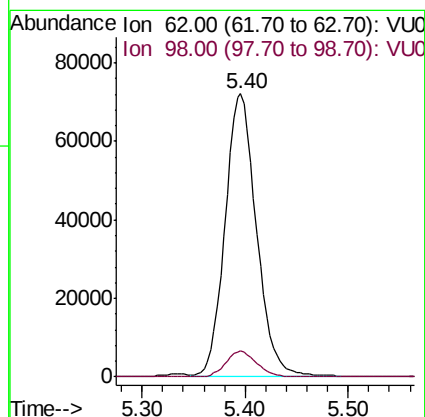
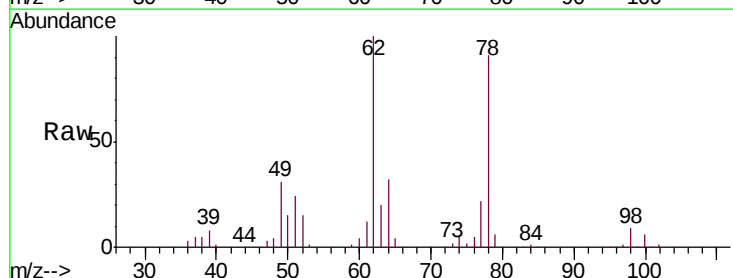
Instrument :
MSVOA_U
ClientSampleId :
DB8A8

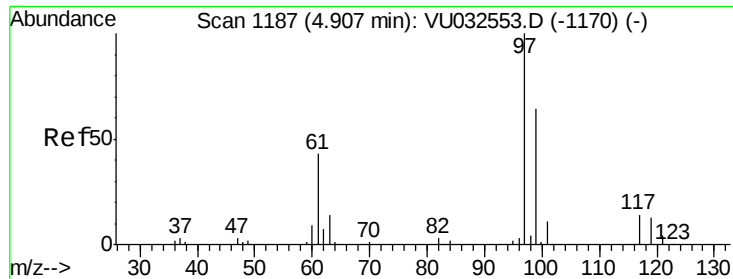
Tgt Ion: 83 Resp: 158853
Ion Ratio Lower Upper
83 100
85 65.3 44.7 82.9



#27
1,2-Dichloroethane
Concen: 74.160 ug/L
RT: 5.40 min Scan# 1339
Delta R.T. -0.00 min
Lab File: VU032557.D
Acq: 10 Jun 2019 11:38

Tgt Ion: 62 Resp: 152228
Ion Ratio Lower Upper
62 100
98 9.0 7.2 10.8

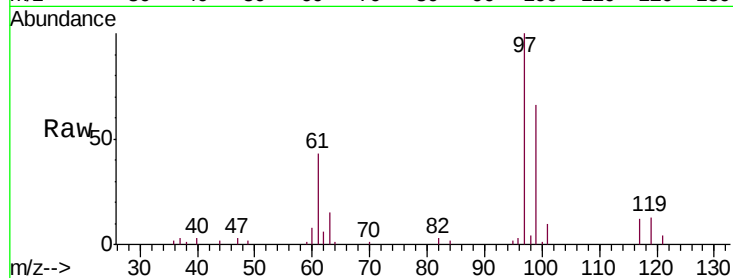




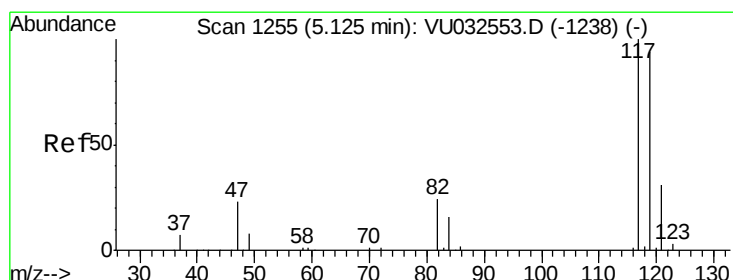
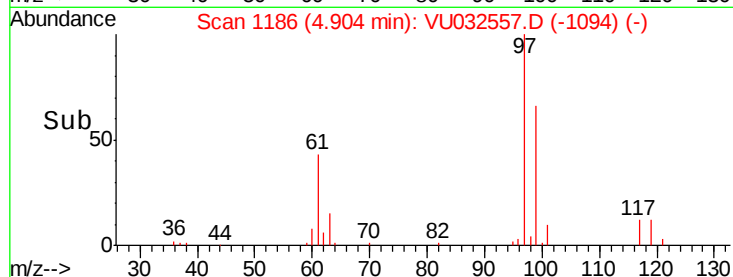
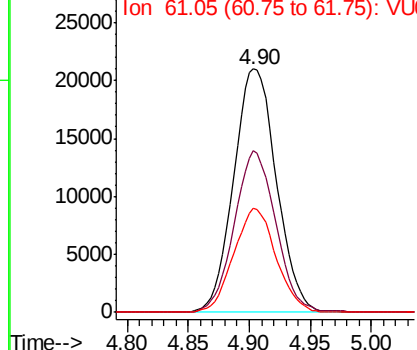
#30
 1,1,1-Trichloroethane
 Concen: 22.612 ug/L
 RT: 4.90 min Scan# 1186
 Delta R.T. -0.00 min
 Lab File: VU032557.D
 Acq: 10 Jun 2019 11:38

Instrument :
 MSVOA_U
 ClientSampleId :
 DB8A8

Tgt Ion: 97 Resp: 51094
 Ion Ratio Lower Upper
 97 100
 99 64.2 50.5 75.7
 61 42.1 33.8 50.6

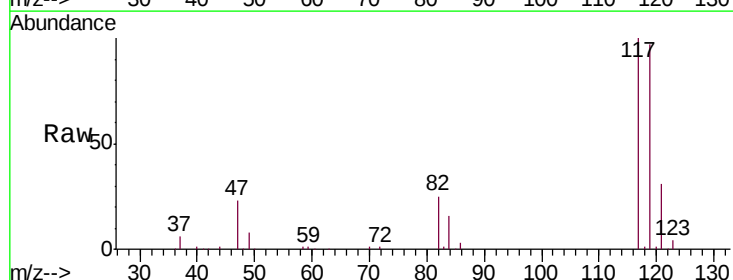


Abundance Ion 97.00 (96.70 to 97.70): VU0
 Ion 99.00 (98.70 to 99.70): VU0
 Ion 61.05 (60.75 to 61.75): VU0

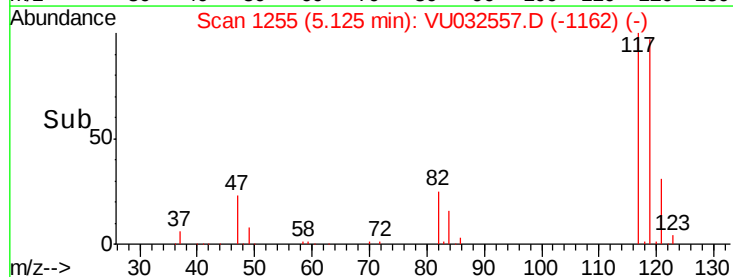
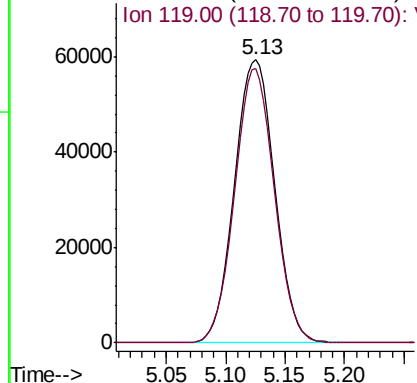


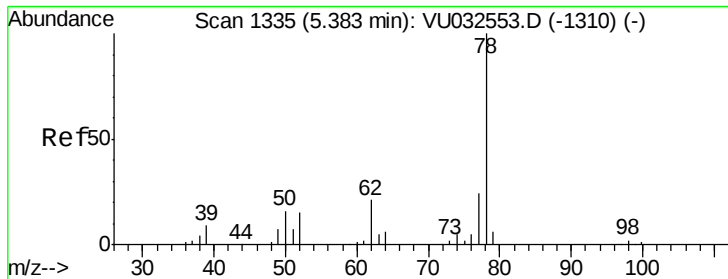
#31
 Carbon tetrachloride
 Concen: 67.376 ug/L
 RT: 5.13 min Scan# 1255
 Delta R.T. -0.00 min
 Lab File: VU032557.D
 Acq: 10 Jun 2019 11:38

Tgt Ion: 117 Resp: 139538
 Ion Ratio Lower Upper
 117 100
 119 95.4 76.6 114.8



Abundance Ion 117.00 (116.70 to 117.70): V
 Ion 119.00 (118.70 to 119.70): V





#33

Benzene

Concen: 48.906 ug/L

RT: 5.38 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VU032557.D

Acq: 10 Jun 2019 11:38

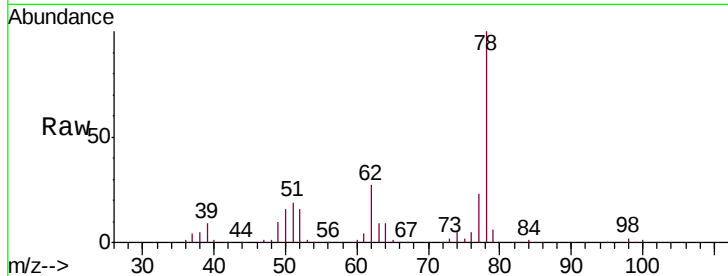
Instrument :

MSVOA_U

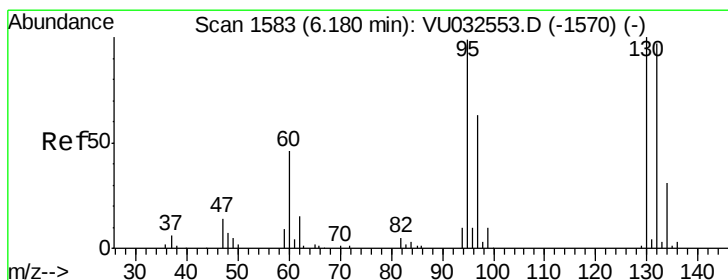
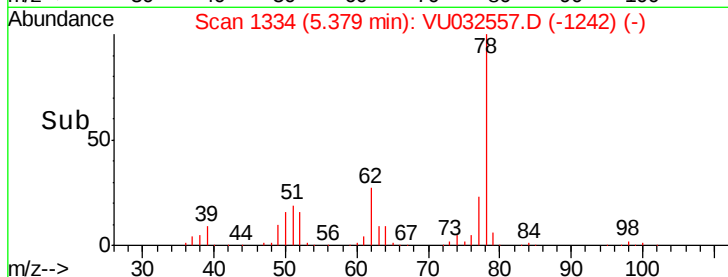
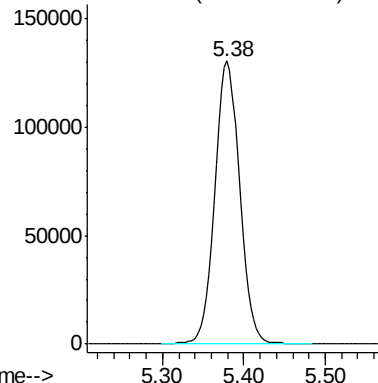
ClientSampleId :

DB8A8

Tgt Ion: 78 Resp: 274283



Abundance Ion 78.00 (77.70 to 78.70): VU0



#34

Trichloroethene

Concen: 86.408 ug/L

RT: 6.18 min Scan# 1582

Delta R.T. -0.00 min

Lab File: VU032557.D

Acq: 10 Jun 2019 11:38

Tgt Ion: 95 Resp: 131844

Ion	Ratio	Lower	Upper
95	100		
97	62.9	45.8	85.2
132	99.4	71.0	131.8
130	103.6	73.4	136.2

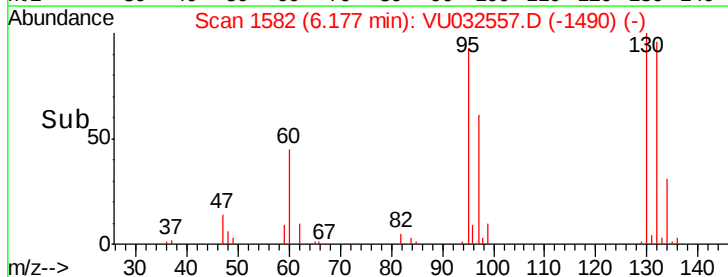
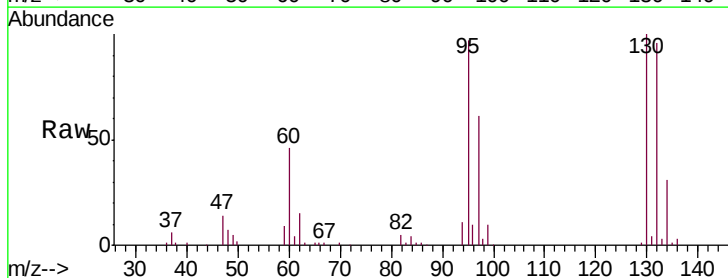
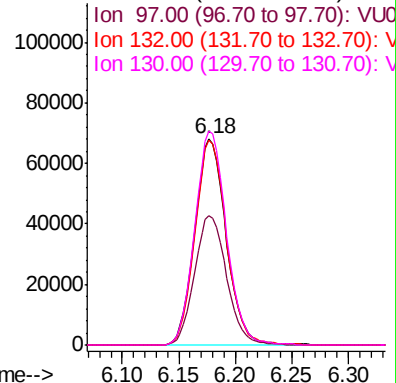
Ion 95.00 (94.70 to 95.70): VU0

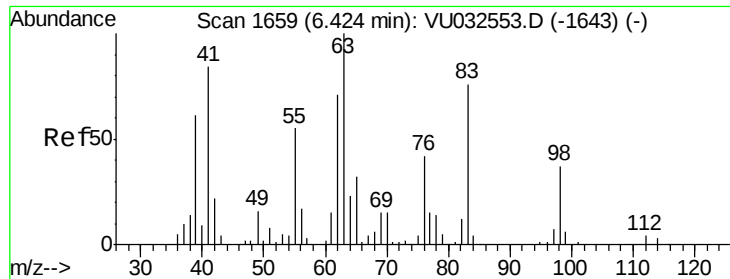
Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V

Abundance Ion 95.00 (94.70 to 95.70): VU0

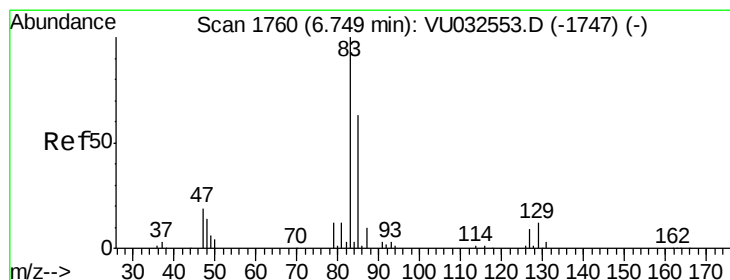
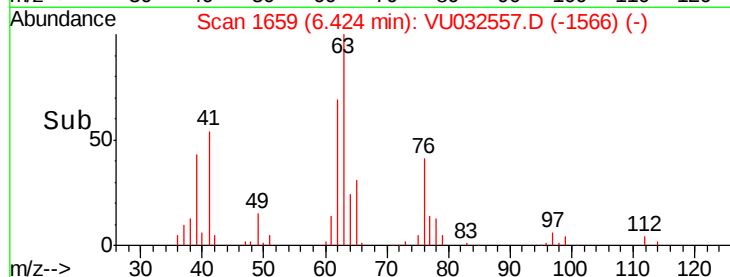
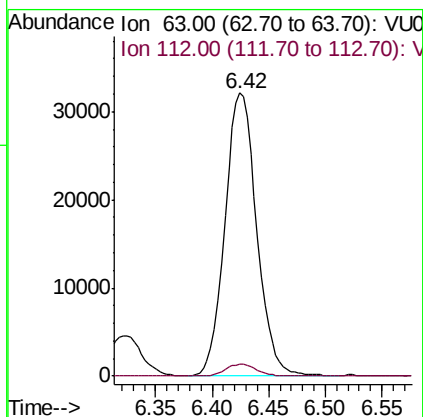
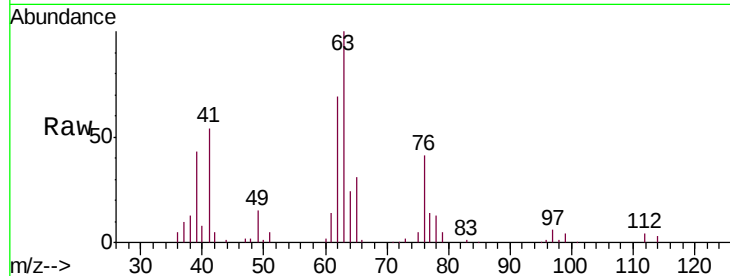




#37
 1,2-Dichloropropane
 Concen: 42.271 ug/L
 RT: 6.42 min Scan# 1659
 Delta R.T. -0.00 min
 Lab File: VU032557.D
 Acq: 10 Jun 2019 11:38

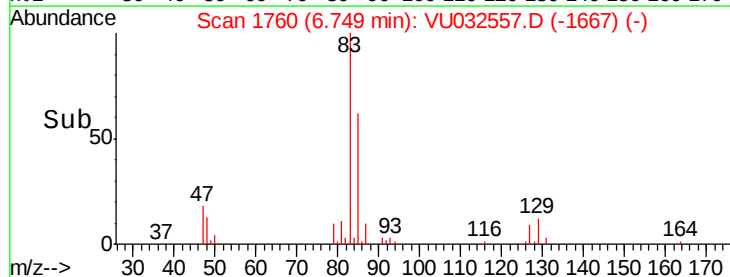
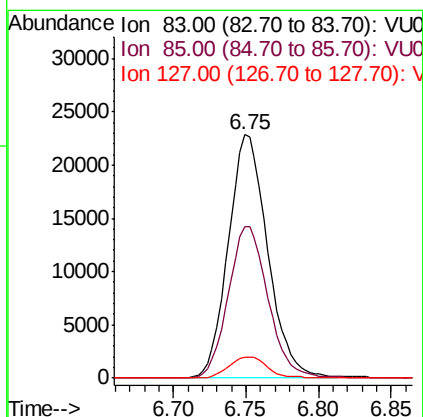
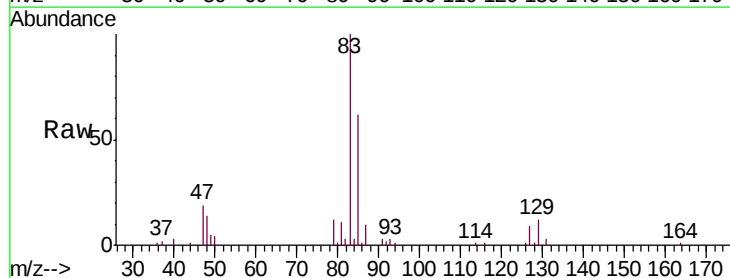
Instrument :
 MSVOA_U
 ClientSampleId :
 DB8A8

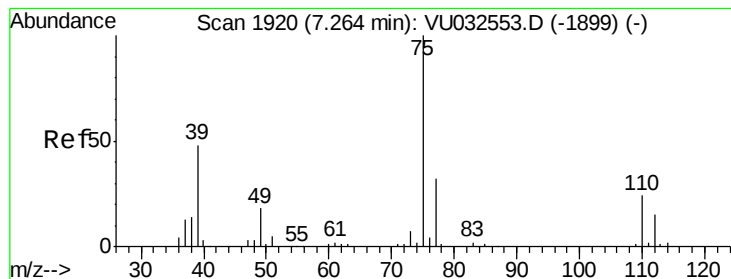
Tgt Ion: 63 Resp: 62844
 Ion Ratio Lower Upper
 63 100
 112 4.1 3.1 4.7



#38
 Bromodichloromethane
 Concen: 22.540 ug/L
 RT: 6.75 min Scan# 1760
 Delta R.T. -0.00 min
 Lab File: VU032557.D
 Acq: 10 Jun 2019 11:38

Tgt Ion: 83 Resp: 43149
 Ion Ratio Lower Upper
 83 100
 85 62.2 45.4 84.4
 127 8.8 7.4 11.2



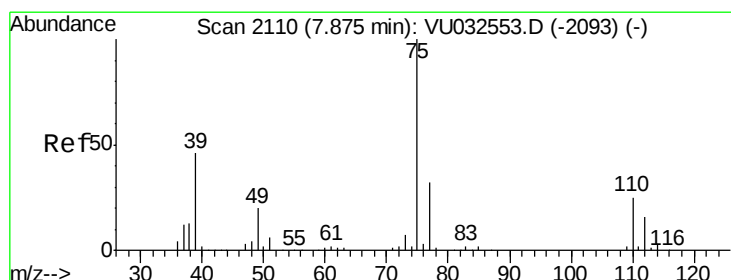
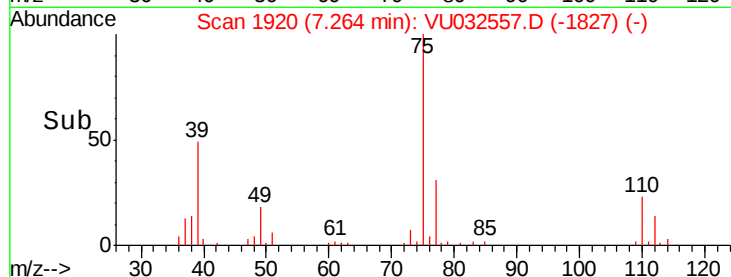
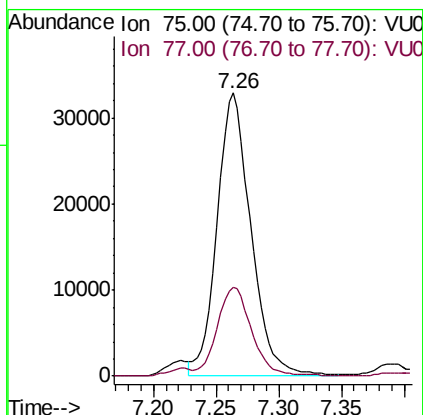
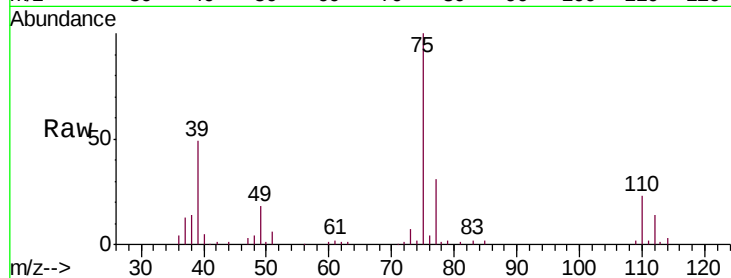


#39

cis-1,3-Dichloropropene
Concen: 26.184 ug/L
RT: 7.26 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VU032557.D
Acq: 10 Jun 2019 11:38

Instrument :
MSVOA_U
ClientSampleId :
DB8A8

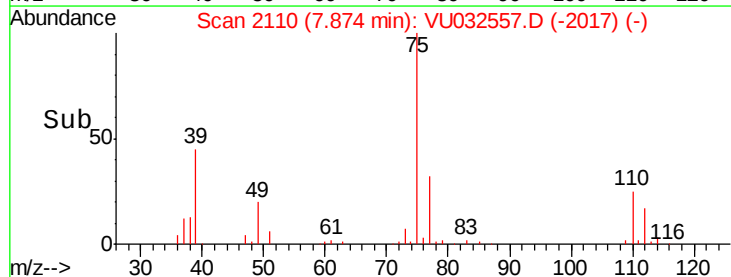
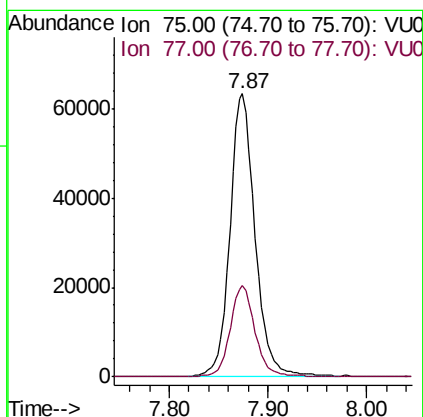
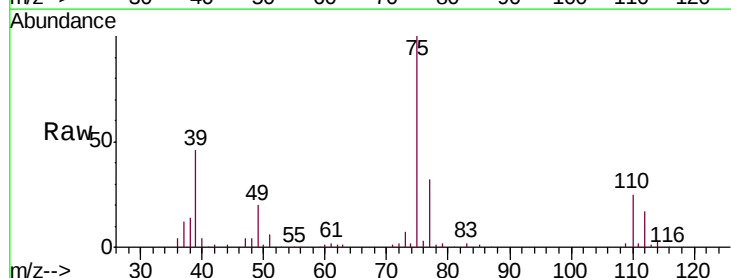
Tgt Ion: 75 Resp: 61420
Ion Ratio Lower Upper
75 100
77 31.4 22.0 41.0

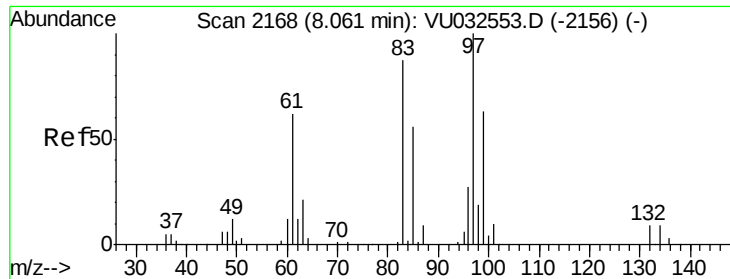


#44

trans-1,3-Dichloropropene
Concen: 54.217 ug/L
RT: 7.87 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VU032557.D
Acq: 10 Jun 2019 11:38

Tgt Ion: 75 Resp: 112879
Ion Ratio Lower Upper
75 100
77 32.2 22.1 41.1

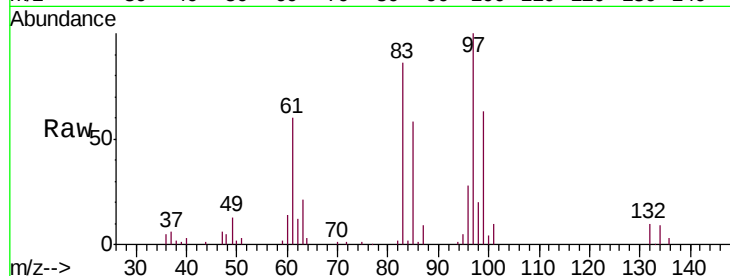




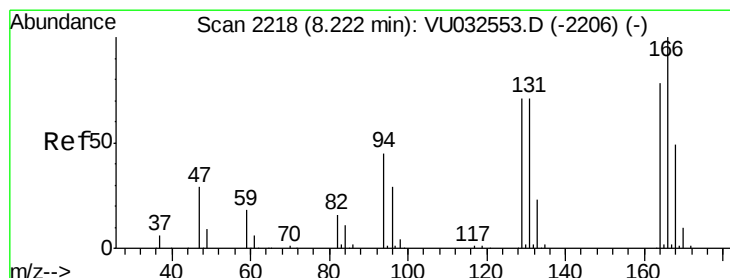
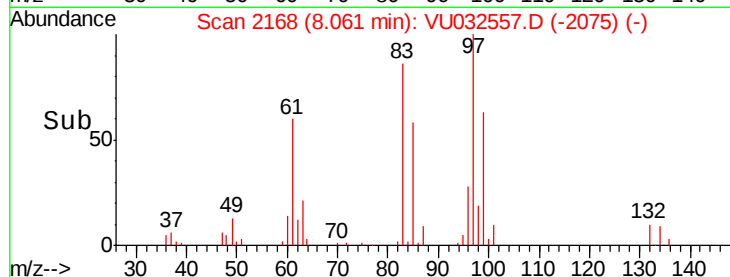
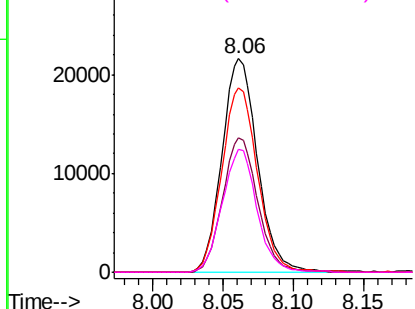
#45
 1,1,2-Trichloroethane
 Concen: 27.078 ug/L
 RT: 8.06 min Scan# 2168
 Delta R.T. -0.00 min
 Lab File: VU032557.D
 Acq: 10 Jun 2019 11:38

Instrument :
 MSVOA_U
 ClientSampleId :
 DB8A8

Tgt Ion: 97 Resp: 38068
 Ion Ratio Lower Upper
 97 100
 99 63.2 44.1 81.9
 83 86.4 59.4 110.2
 85 57.8 39.1 72.7

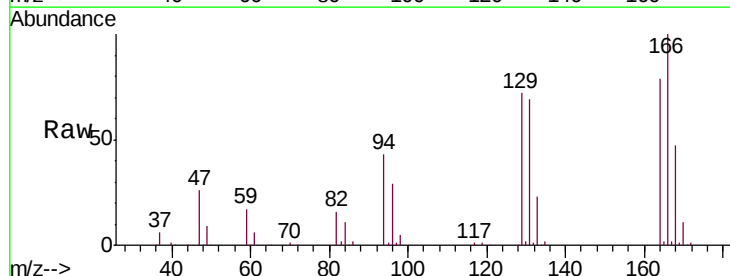


Abundance Ion 97.00 (96.70 to 97.70): VU0
 Ion 99.00 (98.70 to 99.70): VU0
 Ion 83.00 (82.70 to 83.70): VU0
 Ion 85.00 (84.70 to 85.70): VU0

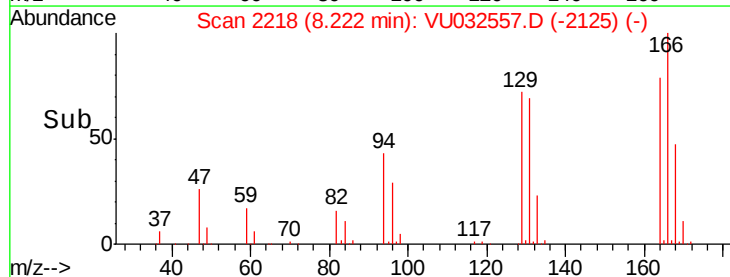
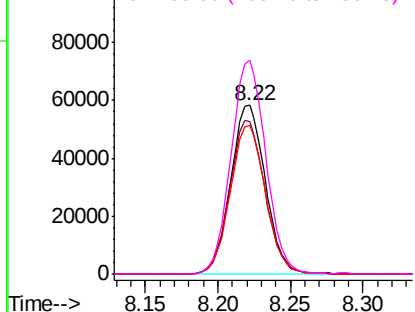


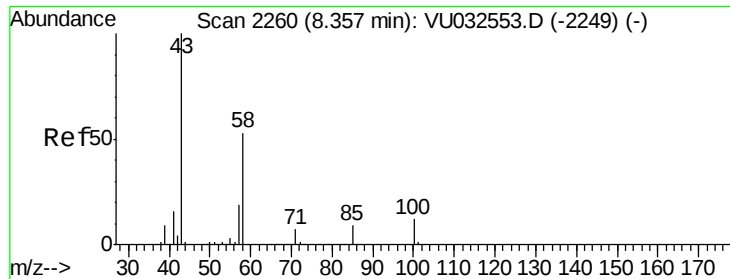
#46
 Tetrachloroethene
 Concen: 77.235 ug/L
 RT: 8.22 min Scan# 2218
 Delta R.T. -0.00 min
 Lab File: VU032557.D
 Acq: 10 Jun 2019 11:38

Tgt Ion: 164 Resp: 97332
 Ion Ratio Lower Upper
 164 100
 129 90.6 65.3 121.3
 131 87.8 64.0 119.0
 166 126.5 88.8 165.0



Abundance Ion 164.00 (163.70 to 164.70): V
 Ion 129.00 (128.70 to 129.70): V
 Ion 131.00 (130.70 to 131.70): V
 Ion 166.00 (165.70 to 166.70): V

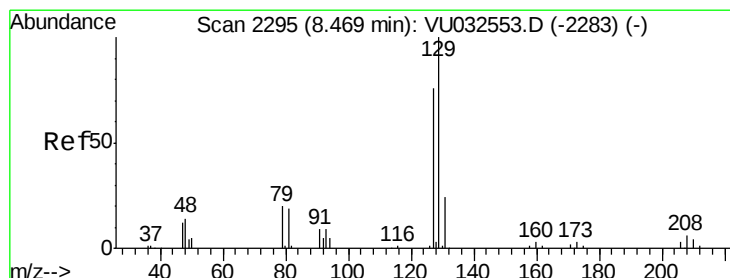
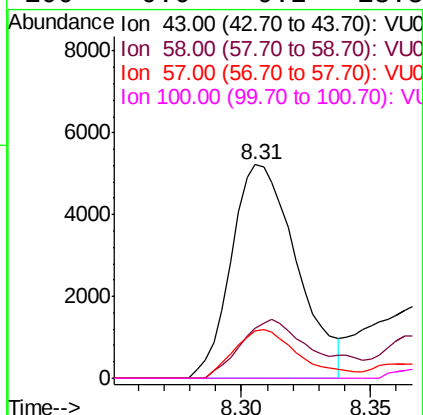
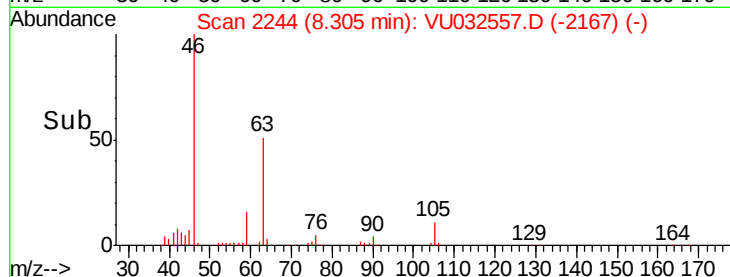
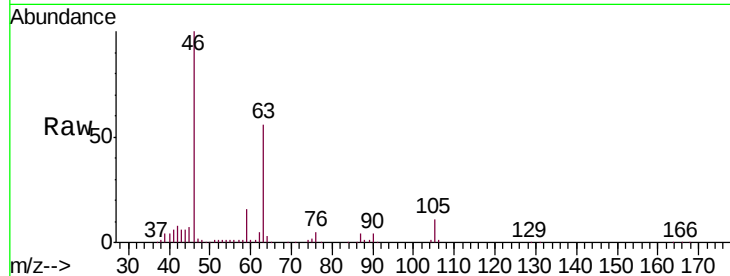




#48
2-Hexanone
Concen: 4.715 ug/L
RT: 8.31 min Scan# 2244
Delta R.T. -0.05 min
Lab File: VU032557.D
Acq: 10 Jun 2019 11:38

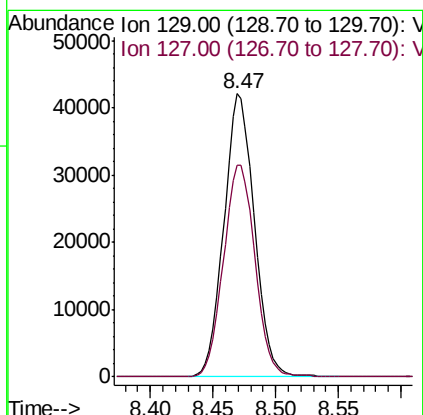
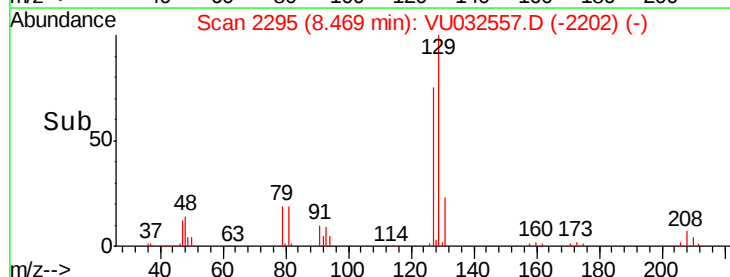
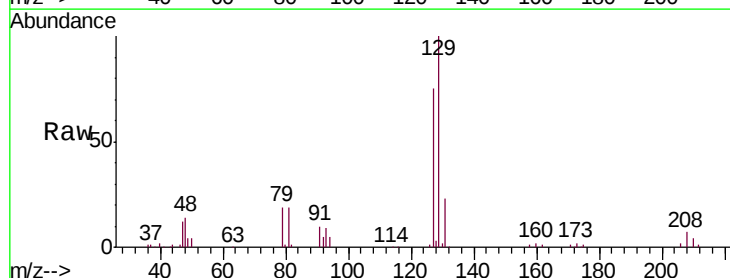
Instrument :
MSVOA_U
ClientSampleId :
DB8A8

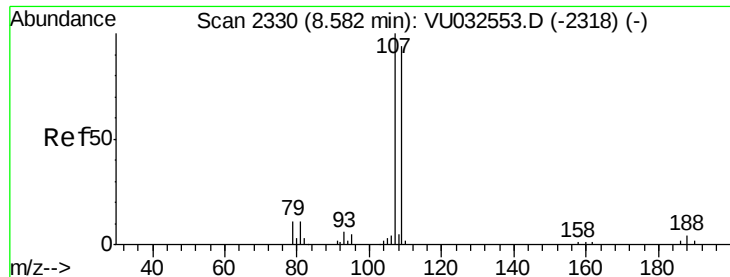
Tgt Ion: 43 Resp: 9263
Ion Ratio Lower Upper
43 100
58 27.0 42.0 63.0#
57 22.9 14.6 22.0#
100 0.0 9.2 13.8#



#49
Dibromochloromethane
Concen: 43.460 ug/L
RT: 8.47 min Scan# 2295
Delta R.T. -0.00 min
Lab File: VU032557.D
Acq: 10 Jun 2019 11:38

Tgt Ion: 129 Resp: 71018
Ion Ratio Lower Upper
129 100
127 74.8 53.6 99.6

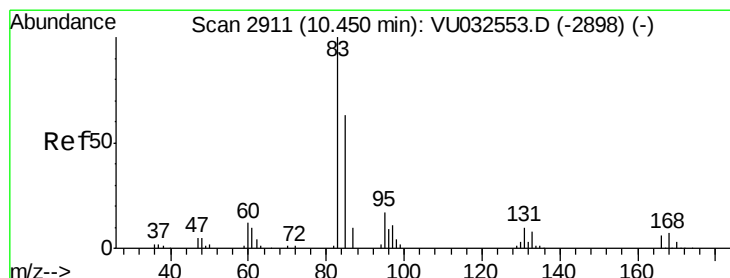
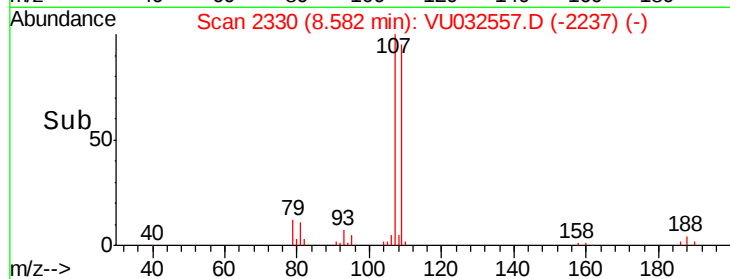
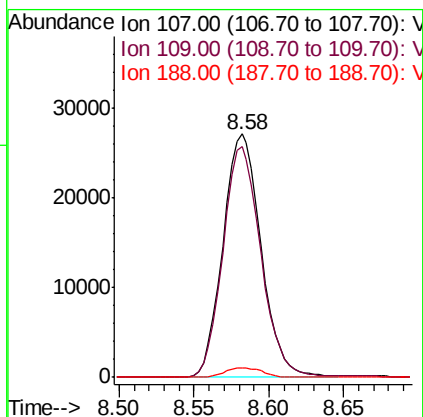
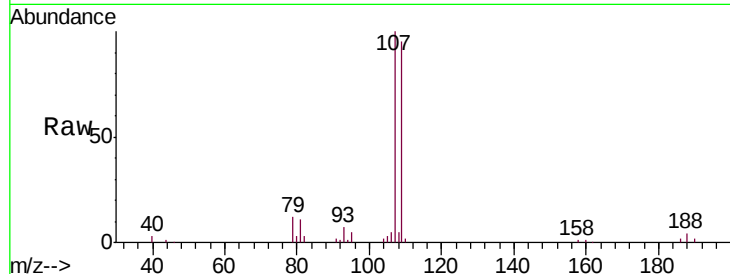




#50
 1,2-Dibromoethane
 Concen: 30.409 ug/L
 RT: 8.58 min Scan# 2330
 Delta R.T. -0.00 min
 Lab File: VU032557.D
 Acq: 10 Jun 2019 11:38

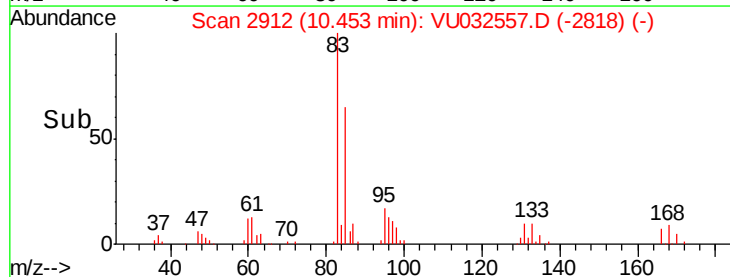
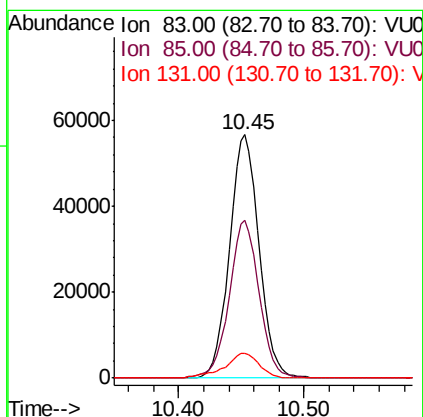
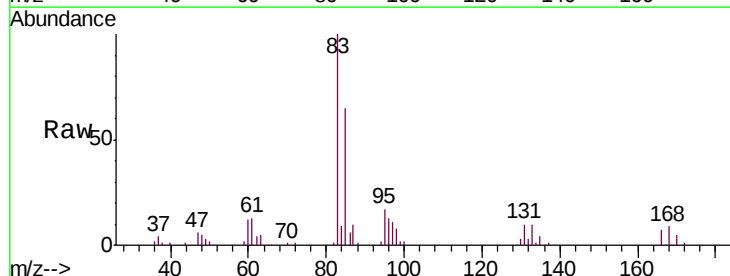
Instrument :
 MSVOA_U
 ClientSampleId :
 DB8A8

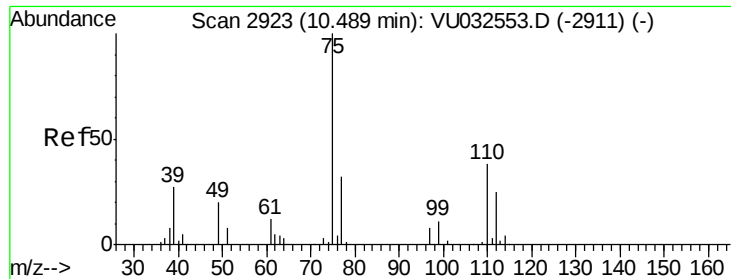
Tgt Ion: 107 Resp: 48120
 Ion Ratio Lower Upper
 107 100
 109 94.9 66.8 124.0
 188 3.8 3.1 4.7



#58
 1,1,2,2-Tetrachloroethane
 Concen: 38.547 ug/L
 RT: 10.45 min Scan# 2912
 Delta R.T. 0.00 min
 Lab File: VU032557.D
 Acq: 10 Jun 2019 11:38

Tgt Ion: 83 Resp: 92621
 Ion Ratio Lower Upper
 83 100
 85 64.9 45.1 83.7
 131 10.2 7.9 11.9

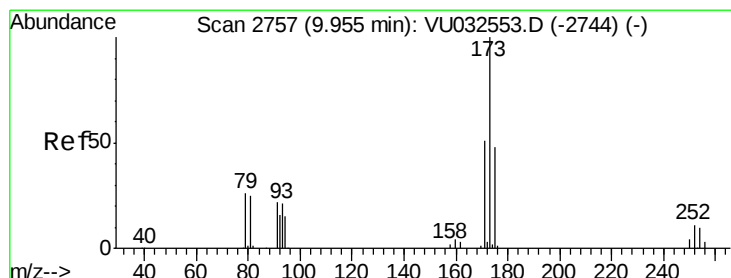
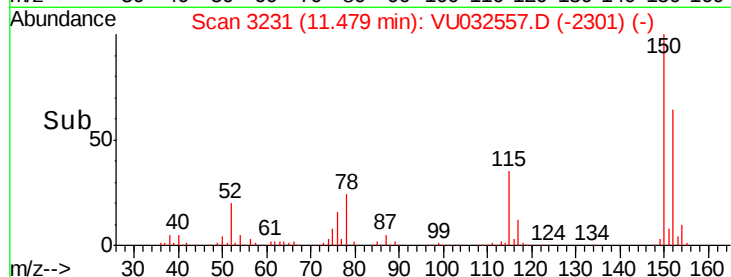
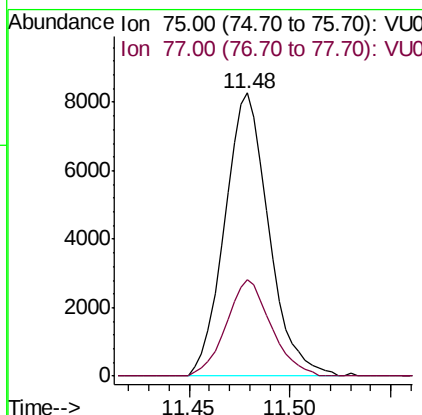
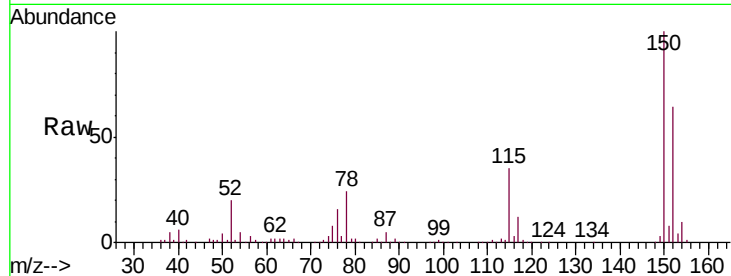




#59
 1,2,3-Trichloropropane
 Concen: 6.543 ug/L
 RT: 11.48 min Scan# 3231
 Delta R.T. 0.99 min
 Lab File: VU032557.D
 Acq: 10 Jun 2019 11:38

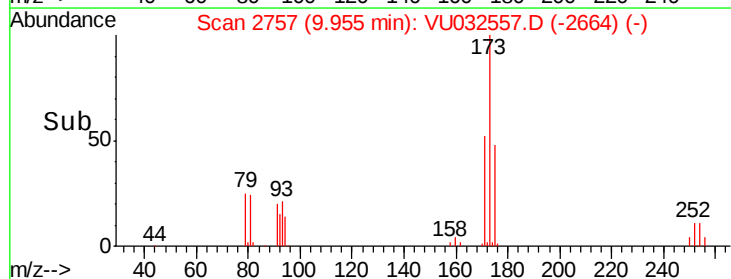
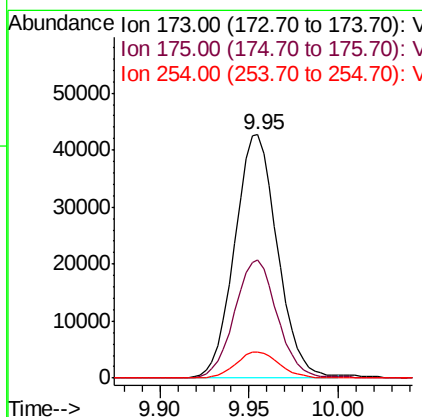
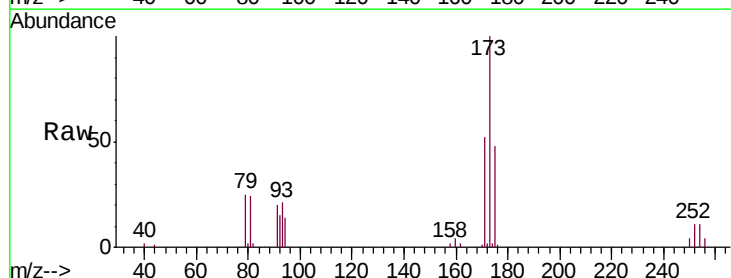
Instrument :
 MSVOA_U
 ClientSampleId :
 DB8A8

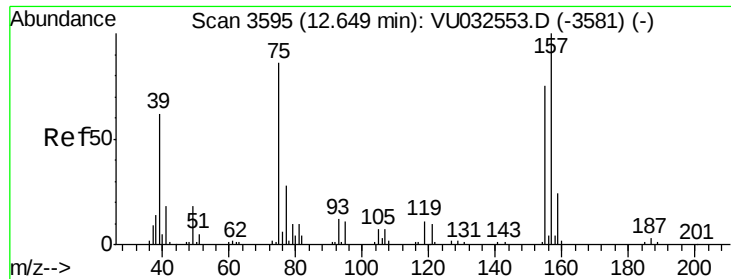
Tgt Ion: 75 Resp: 12645
 Ion Ratio Lower Upper
 75 100
 77 34.7 25.6 38.4



#61
 Bromoform
 Concen: 57.093 ug/L
 RT: 9.95 min Scan# 2757
 Delta R.T. -0.00 min
 Lab File: VU032557.D
 Acq: 10 Jun 2019 11:38

Tgt Ion: 173 Resp: 71605
 Ion Ratio Lower Upper
 173 100
 175 48.3 39.7 59.5
 254 10.9 7.8 11.8





#66

1,2-Dibromo-3-chloropropane

Concen: 44.496 ug/L

RT: 12.65 min Scan# 3596

Delta R.T. 0.00 min

Lab File: VU032557.D

Acq: 10 Jun 2019 11:38

Instrument :

MSVOA_U

ClientSampleId :

DB8A8

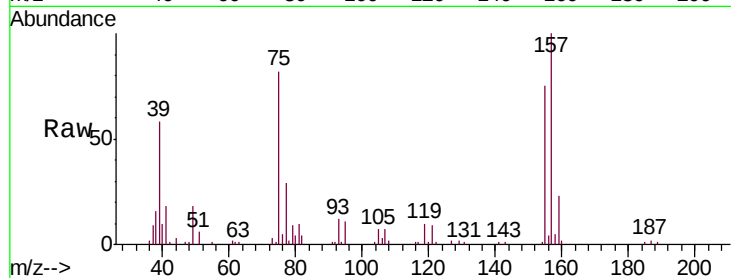
Tgt Ion: 75 Resp: 24088

Ion Ratio Lower Upper

75 100

155 92.0 73.1 109.7

157 122.0 91.4 137.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

