

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062518\
 Data File : VU024889.D
 Acq On : 25 Jun 2018 20:59
 Operator : MD/SY
 Sample : VU0625WBSD01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 26 05:19:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 13 13:55:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	178580	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	275852	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	256909	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	147010	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.31	65	142764	48.97	ug/l	0.00
Spiked Amount 50.000			Recovery =	97.94%		
35) Dibromofluoromethane	4.89	113	114410	49.97	ug/l	0.00
Spiked Amount 50.000			Recovery =	99.94%		
50) Toluene-d8	7.57	98	398291	47.70	ug/l	0.00
Spiked Amount 50.000			Recovery =	95.40%		
62) 4-Bromofluorobenzene	10.31	95	155887	47.02	ug/l	0.00
Spiked Amount 50.000			Recovery =	94.04%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	40248	18.01	ug/l	99
3) Chloromethane	1.33	50	41354	18.11	ug/l	99
4) Vinyl Chloride	1.40	62	44176	18.76	ug/l	95
5) Bromomethane	1.62	94	28258	24.82	ug/l	98
6) Chloroethane	1.70	64	30031	22.23	ug/l	99
7) Trichlorofluoromethane	1.89	101	73086	20.34	ug/l	97
8) Diethyl Ether	2.10	74	27220	21.17	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	2.29	101	42487	19.05	ug/l	98
10) Methyl Iodide	2.41	142	39759	24.13	ug/l	99
11) Tert butyl alcohol	2.82	59	67082	94.61	ug/l	99
12) 1,1-Dichloroethene	2.28	96	39030	19.19	ug/l	98
13) Acrolein	2.19	56	19825	53.24	ug/l	99
14) Allyl chloride	2.59	41	68548	18.16	ug/l	96
15) Acrylonitrile	2.93	53	139267	100.95	ug/l	99
16) Acetone	2.32	43	138258	88.26	ug/l	99
17) Carbon Disulfide	2.48	76	103681	15.92	ug/l	100
18) Methyl Acetate	2.62	43	76291	22.72	ug/l	99
19) Methyl tert-butyl Ether	3.00	73	155346	20.32	ug/l	95
20) Methylene Chloride	2.70	84	51500	20.95	ug/l	97
21) trans-1,2-Dichloroethene	2.99	96	42526	18.99	ug/l	95
22) Diisopropyl ether	3.57	45	152582	20.39	ug/l	95
23) Vinyl Acetate	3.53	43	649311	96.85	ug/l	99
24) 1,1-Dichloroethane	3.45	63	85912	19.95	ug/l	99
25) 2-Butanone	4.26	43	205046	97.45	ug/l	97
26) 2,2-Dichloropropane	4.23	77	73642	18.01	ug/l	99
27) cis-1,2-Dichloroethene	4.23	96	52012	20.20	ug/l	98
28) Bromochloromethane	4.55	49	40304	21.25	ug/l	88
29) Tetrahydrofuran	4.64	42	125611	96.40	ug/l	95
30) Chloroform	4.68	83	89878	20.62	ug/l	99
31) Cyclohexane	5.00	56	77024	18.92	ug/l	96
32) 1,1,1-Trichloroethane	4.92	97	82042	20.36	ug/l	97
36) 1,1-Dichloropropene	5.14	75	61309	18.91	ug/l	96
37) Ethyl Acetate	4.38	43	73975	20.94	ug/l	98
38) Carbon Tetrachloride	5.14	117	71280	20.00	ug/l	98

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Quant Time: Jun 26 05:19:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 13 13:55:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	75653	18.70	ug/l	98
40) Benzene	5.39	78	187995	20.35	ug/l	98
41) Methacrylonitrile	4.54	41	41899	22.00	ug/l	98
42) 1,2-Dichloroethane	5.41	62	76119	21.64	ug/l	99
43) Isopropyl Acetate	5.55	43	120191	19.68	ug/l	97
44) Trichloroethene	6.19	130	51906	19.75	ug/l	97
45) 1,2-Dichloropropane	6.44	63	50146	20.35	ug/l	94
46) Dibromomethane	6.56	93	36674	21.19	ug/l	97
47) Bromodichloromethane	6.76	83	69019	20.02	ug/l	100
48) Methyl methacrylate	6.63	41	61117	20.55	ug/l	97
49) 1,4-Dioxane	6.62	88	28388	488.15	ug/l	95
51) 4-Methyl-2-Pentanone	7.46	43	392789	102.38	ug/l	99
52) Toluene	7.64	92	117208	19.72	ug/l	99
53) t-1,3-Dichloropropene	7.88	75	73400	18.96	ug/l	98
54) cis-1,3-Dichloropropene	7.27	75	76667	18.59	ug/l	97
55) 1,1,2-Trichloroethane	8.07	97	49737	20.59	ug/l	97
56) Ethyl methacrylate	8.02	69	82043	20.29	ug/l	99
57) 1,3-Dichloropropane	8.25	76	83675	20.53	ug/l	97
58) 2-Chloroethyl Vinyl ether	7.13	63	35013	22.61	ug/l	96
59) 2-Hexanone	8.36	43	303721	96.96	ug/l	100
60) Dibromochloromethane	8.48	129	56579	18.78	ug/l	100
61) 1,2-Dibromoethane	8.59	107	55989	20.83	ug/l	97
64) Tetrachloroethene	8.23	164	48683	19.94	ug/l	99
65) Chlorobenzene	9.12	112	134784	20.54	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	52655	21.12	ug/l	98
67) Ethyl Benzene	9.25	91	230934	20.07	ug/l	95
68) m/p-Xylenes	9.38	106	180702	40.90	ug/l	96
69) o-Xylene	9.78	106	90663	20.73	ug/l	96
70) Styrene	9.80	104	144726	20.14	ug/l	98
71) Bromoform	9.96	173	43667	18.42	ug/l #	100
73) Isopropylbenzene	10.17	105	239041	21.18	ug/l	99
74) N-amyl acetate	10.01	43	106726	19.88	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.46	83	84578	22.36	ug/l	99
76) 1,2,3-Trichloropropane	10.50	75	95720	29.57	ug/l	81
77) Bromobenzene	10.46	156	61350	21.47	ug/l	96
78) n-propylbenzene	10.59	91	269011	20.23	ug/l	97
79) 2-Chlorotoluene	10.66	91	166318	21.21	ug/l	99
80) 1,3,5-Trimethylbenzene	10.78	105	207712	21.23	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.50	75	95720	68.45	ug/l #	100
82) 4-Chlorotoluene	10.78	91	186089	20.39	ug/l	98
83) tert-Butylbenzene	11.10	119	208336	22.14	ug/l	100
84) 1,2,4-Trimethylbenzene	11.15	105	206658	20.73	ug/l	99
85) sec-Butylbenzene	11.33	105	242372	20.58	ug/l	98
86) p-Isopropyltoluene	11.48	119	213770	20.26	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	108192	20.49	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	109999	20.70	ug/l	99
89) n-Butylbenzene	11.89	91	170947	18.25	ug/l	99
90) Hexachloroethane	12.15	117	38847	18.88	ug/l	97
91) 1,2-Dichlorobenzene	11.88	146	114615	21.68	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	20954	20.08	ug/l	92

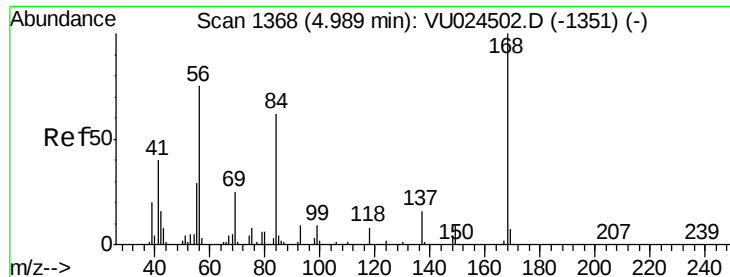
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU062518\
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Quant Title : SW846 8260
QLast Update : Wed Jun 13 13:55:26 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	70842	21.70	ug/l	100
94) Hexachlorobutadiene	13.70	225	37057	20.16	ug/l	98
95) Naphthalene	13.74	128	243523	22.90	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	76324	23.46	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.99 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VU024889.D

Acq: 25 Jun 2018 20:59

Instrument :

MSVOA_U

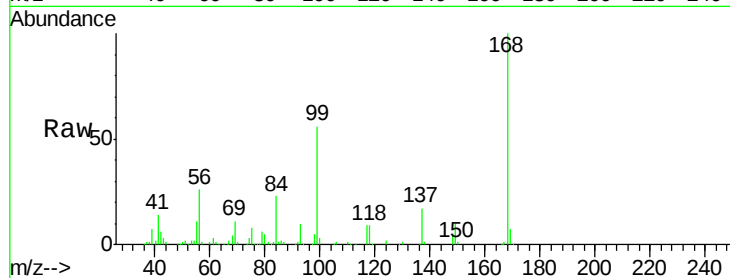
ClientSampleId :

Tot Ion:168 Resp: 178580

Ion Ratio Lower Upper

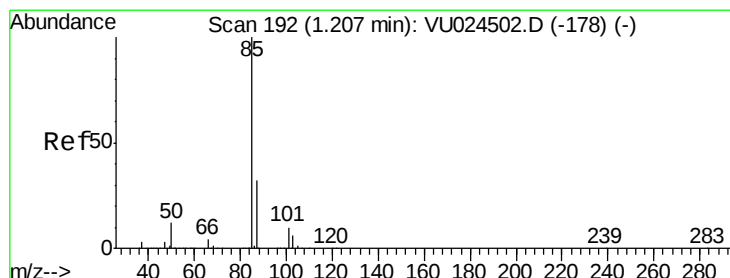
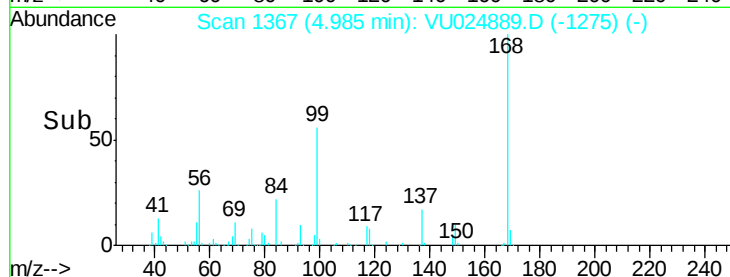
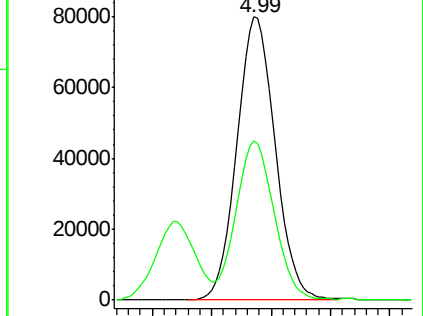
168 100

99 55.9 43.2 64.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VU0



#2

Dichlorodifluoromethane

Concen: 18.01 ug/l

RT: 1.20 min Scan# 191

Delta R.T. -0.00 min

Lab File: VU024889.D

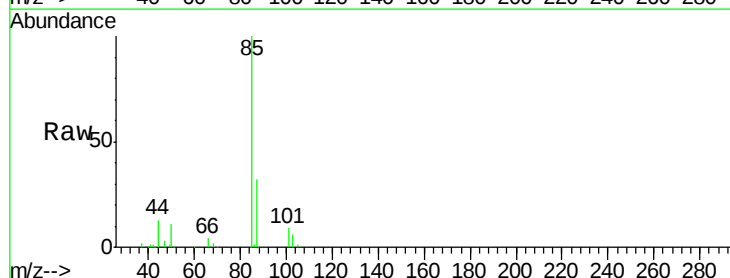
Acq: 25 Jun 2018 20:59

Tgt Ion: 85 Resp: 40248

Ion Ratio Lower Upper

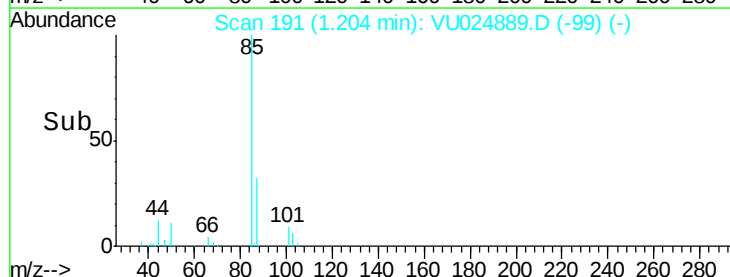
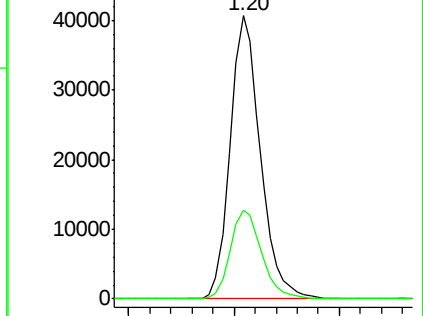
85 100

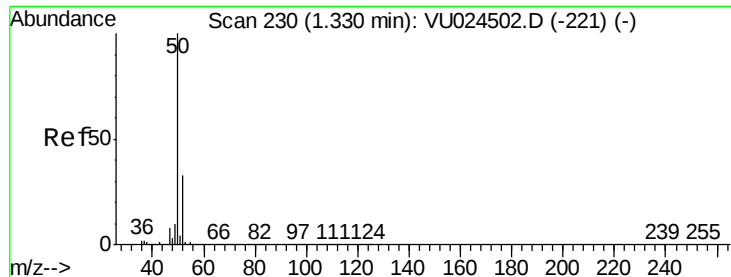
87 31.6 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VU0

Ion 86.90 (86.60 to 87.60): VU0





#3

Chloromethane

Concen: 18.11 ug/l

RT: 1.33 min Scan# 229

Delta R.T. -0.00 min

Lab File: VU024889.D

Acq: 25 Jun 2018 20:59

Instrument :

MSVOA_U

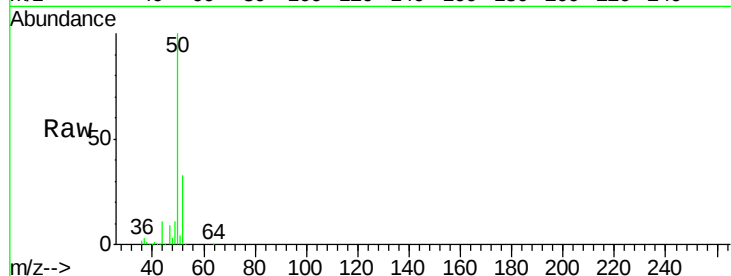
ClientSampleId :

Tot Ion: 50 Resp: 41354

Ion Ratio Lower Upper

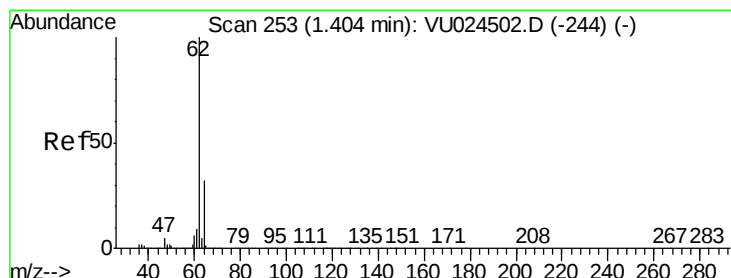
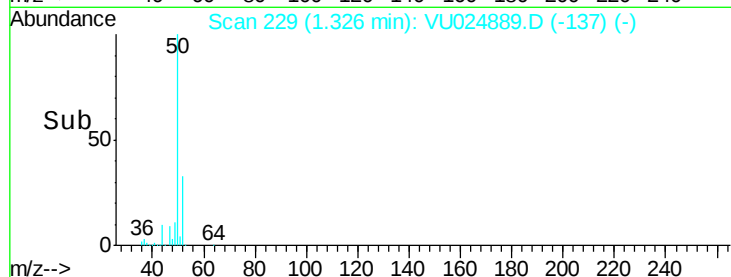
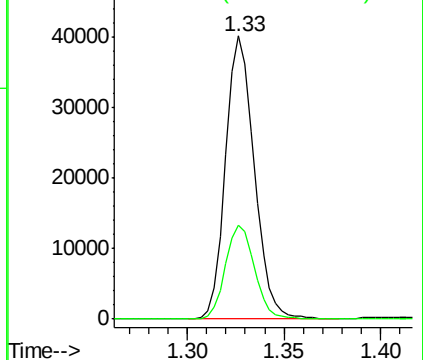
50 100

52 33.4 26.4 39.6



Abundance Ion 49.90 (49.60 to 50.60): VU0

Ion 51.90 (51.60 to 52.60): VU0



#4

Vinyl Chloride

Concen: 18.76 ug/l

RT: 1.40 min Scan# 253

Delta R.T. 0.00 min

Lab File: VU024889.D

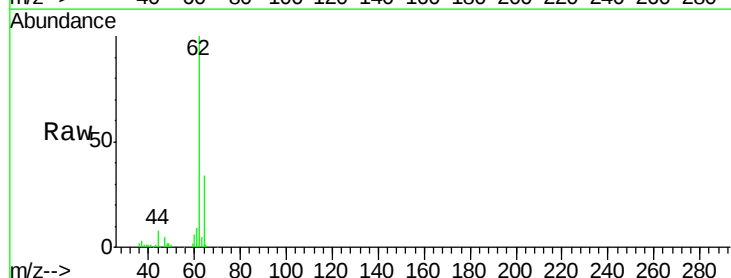
Acq: 25 Jun 2018 20:59

Tgt Ion: 62 Resp: 44176

Ion Ratio Lower Upper

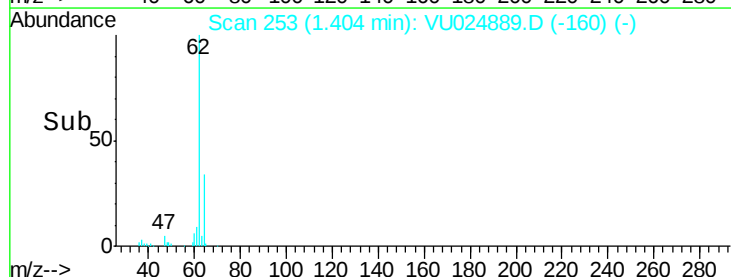
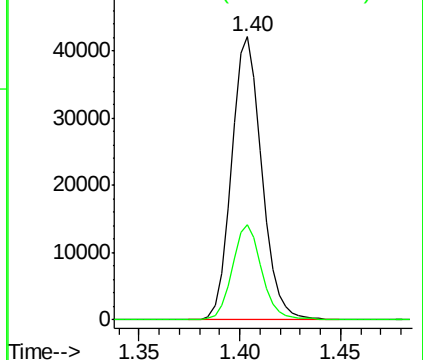
62 100

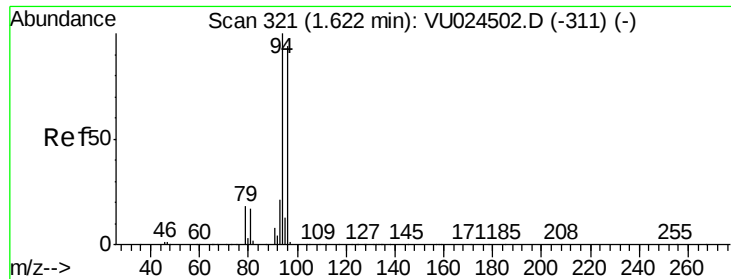
64 33.7 24.8 37.2



Abundance Ion 61.90 (61.60 to 62.60): VU0

Ion 63.90 (63.60 to 64.60): VU0





#5

Bromomethane

Concen: 24.82 ug/l

RT: 1.62 min Scan# 320

Delta R.T. -0.00 min

Lab File: VU024889.D

Acq: 25 Jun 2018 20:59

Instrument :

MSVOA_U

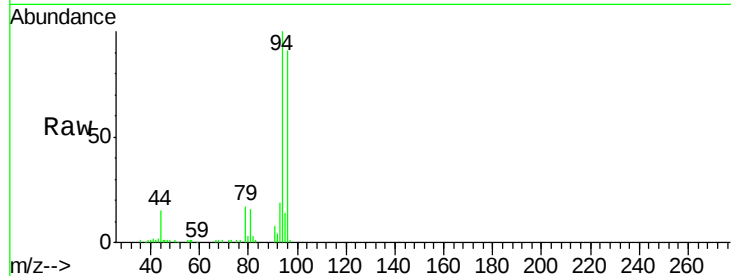
ClientSampleId :

Tot Ion: 94 Resp: 28258

Ion Ratio Lower Upper

94 100

96 91.0 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VU024889.D (-228) (-)

Ion 95.90 (95.60 to 96.60): VU024889.D (-228) (-)

1.62

25000

20000

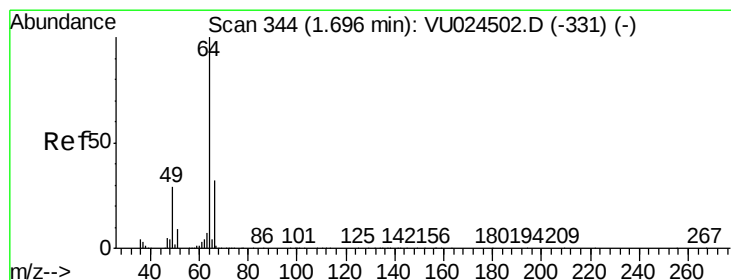
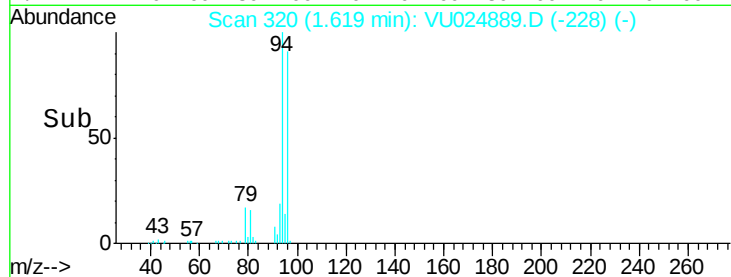
15000

10000

5000

0

Time-->



#6

Chloroethane

Concen: 22.23 ug/l

RT: 1.70 min Scan# 344

Delta R.T. 0.00 min

Lab File: VU024889.D

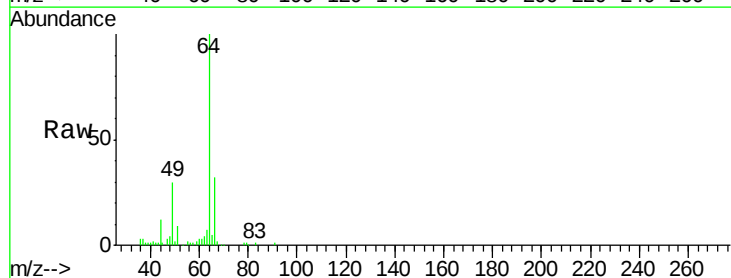
Acq: 25 Jun 2018 20:59

Tgt Ion: 64 Resp: 30031

Ion Ratio Lower Upper

64 100

66 32.2 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VU024889.D (-251) (-)

Ion 65.90 (65.60 to 66.60): VU024889.D (-251) (-)

1.70

25000

20000

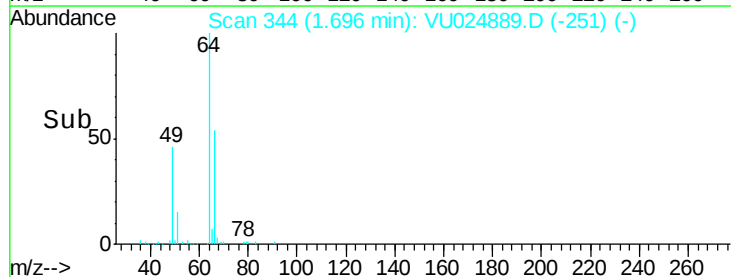
15000

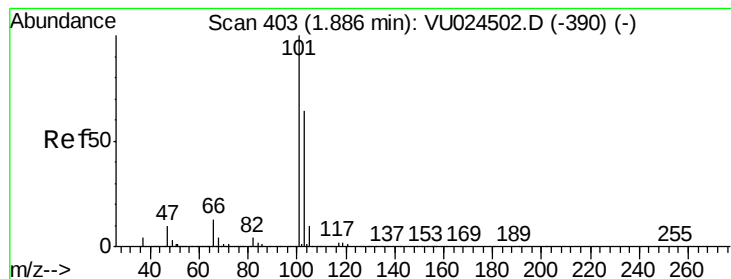
10000

5000

0

Time-->





#7

Trichlorofluoromethane

Concen: 20.34 ug/l

RT: 1.89 min Scan# 403

Delta R.T. 0.00 min

Lab File: VU024889.D

Acq: 25 Jun 2018 20:59

Instrument :

MSVOA_U

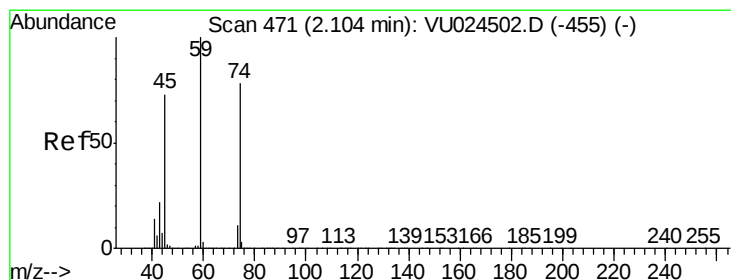
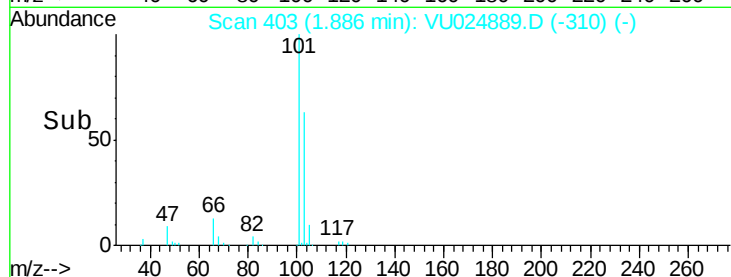
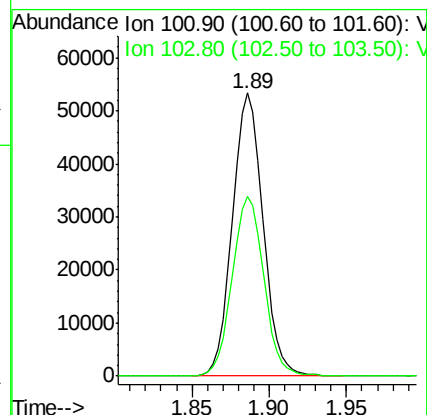
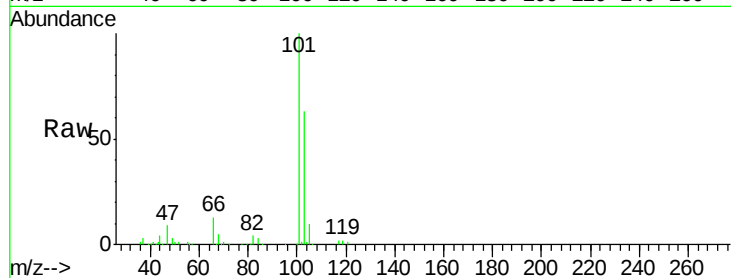
ClientSampled :

Tot Ion:101 Resp: 73086

Ion Ratio Lower Upper

101 100

103 63.4 52.3 78.5



#8

Diethyl Ether

Concen: 21.17 ug/l

RT: 2.10 min Scan# 471

Delta R.T. 0.00 min

Lab File: VU024889.D

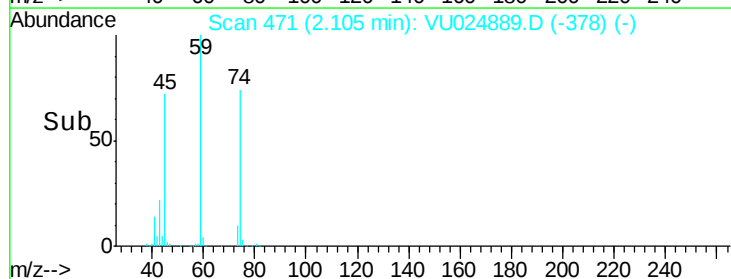
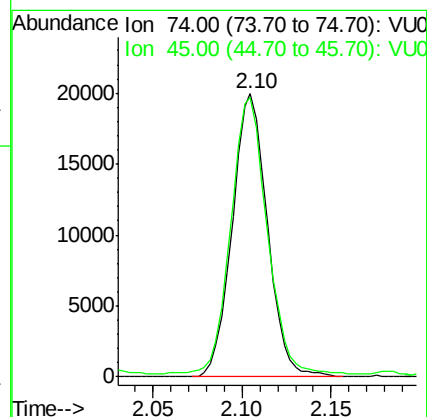
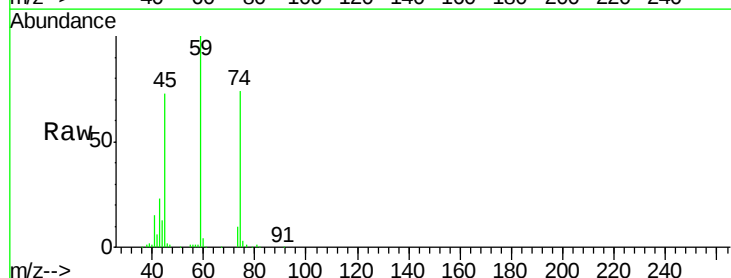
Acq: 25 Jun 2018 20:59

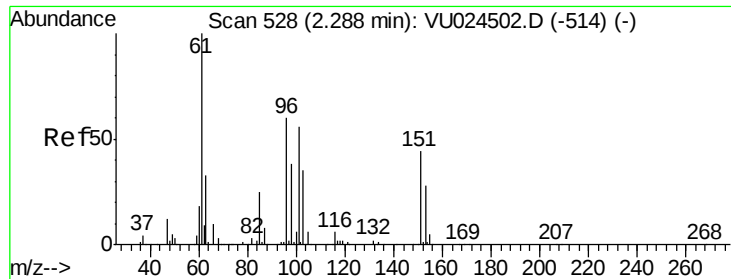
Tgt Ion: 74 Resp: 27220

Ion Ratio Lower Upper

74 100

45 100.3 55.0 165.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.05 ug/l

RT: 2.29 min Scan# 528

Delta R.T. 0.00 min

Lab File: VU024889.D

Acq: 25 Jun 2018 20:59

Instrument :

MSVOA_U

ClientSampleId :

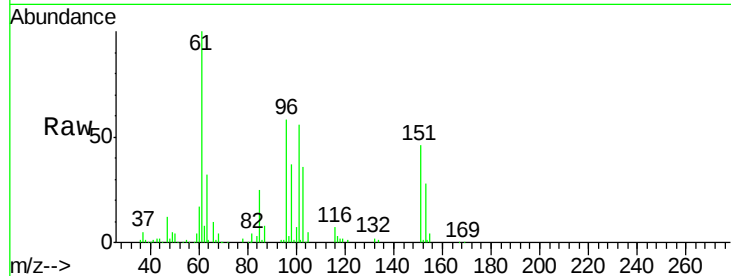
Tot Ion:101 Resp: 42487

Ion Ratio Lower Upper

101 100

85 44.7 36.0 54.0

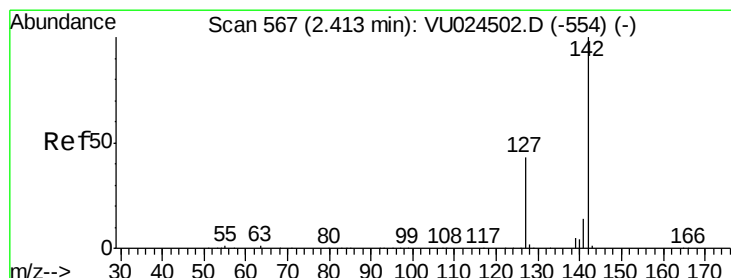
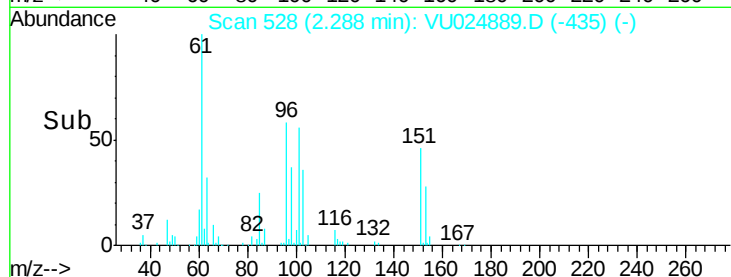
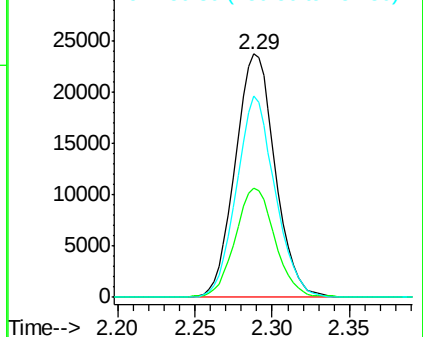
151 79.9 62.3 93.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VU0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 24.13 ug/l

RT: 2.41 min Scan# 567

Delta R.T. 0.00 min

Lab File: VU024889.D

Acq: 25 Jun 2018 20:59

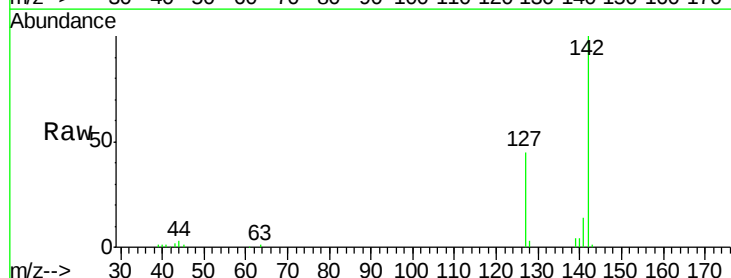
Tgt Ion:142 Resp: 39759

Ion Ratio Lower Upper

142 100

127 44.6 35.6 53.4

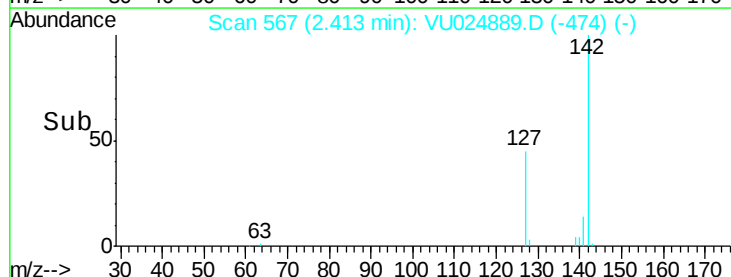
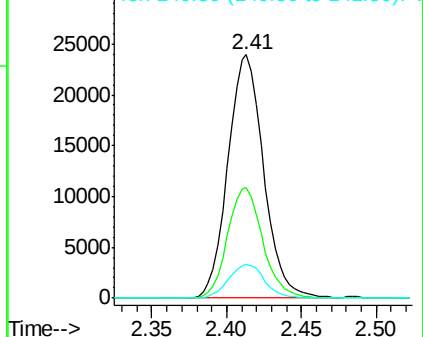
141 13.9 11.7 17.5

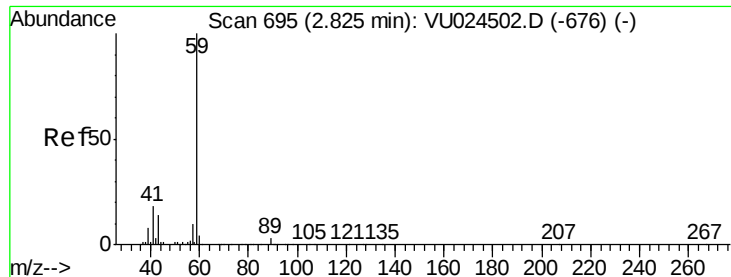


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



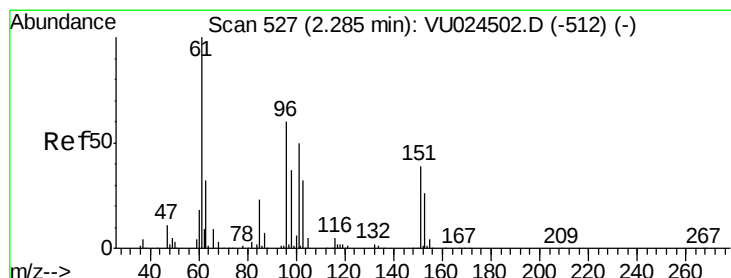
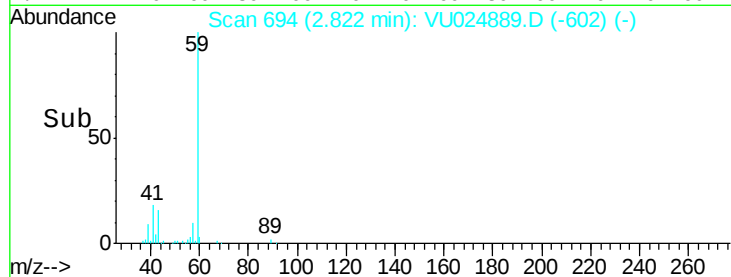
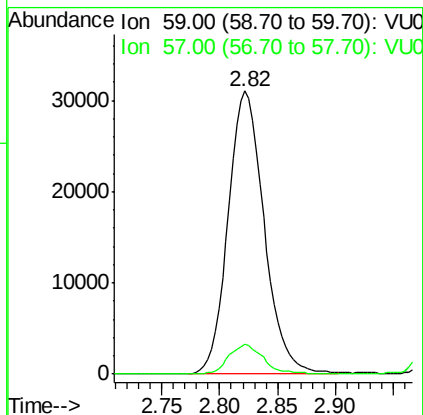
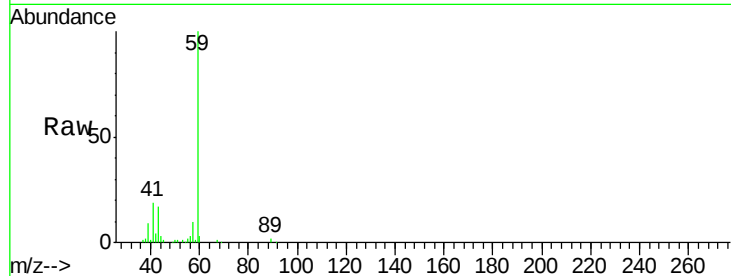


#11

Tert butyl alcohol
 Concen: 94.61 ug/l
 RT: 2.82 min Scan# 694
 Delta R.T. -0.00 min
 Lab File: VU024889.D
 Acq: 25 Jun 2018 20:59

Instrument :
 MSVOA_U
 ClientSampleId :

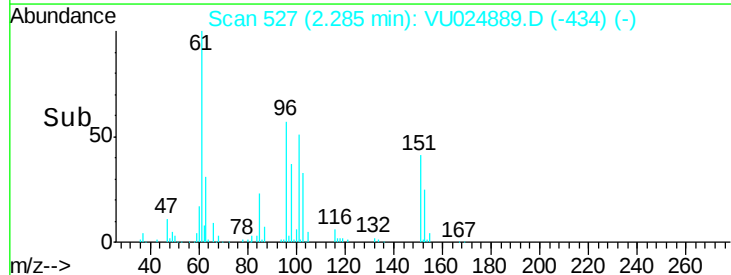
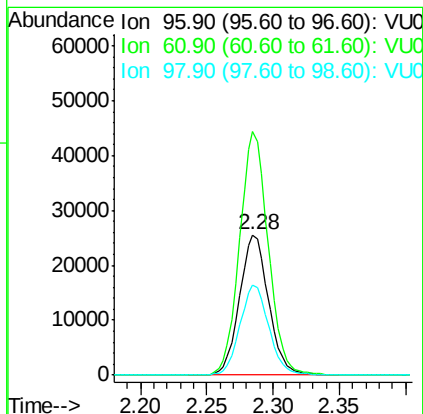
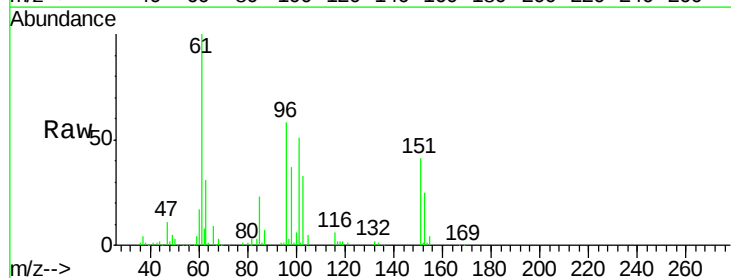
Tot Ion: 59 Resp: 67082
 Ion Ratio Lower Upper
 59 100
 57 10.3 8.5 12.7

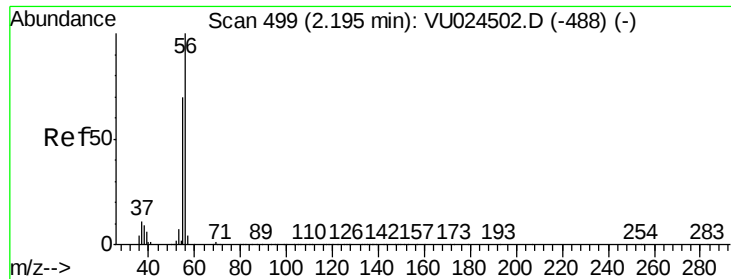


#12

1,1-Dichloroethene
 Concen: 19.19 ug/l
 RT: 2.28 min Scan# 527
 Delta R.T. 0.00 min
 Lab File: VU024889.D
 Acq: 25 Jun 2018 20:59

Tgt Ion: 96 Resp: 39030
 Ion Ratio Lower Upper
 96 100
 61 173.3 141.7 212.5
 98 64.0 51.6 77.4





#13

Acrolein

Concen: 53.24 ug/l

RT: 2.19 min Scan# 499

Delta R.T. 0.00 min

Lab File: VU024889.D

Acq: 25 Jun 2018 20:59

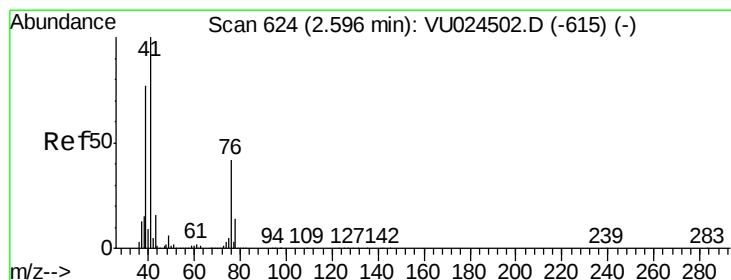
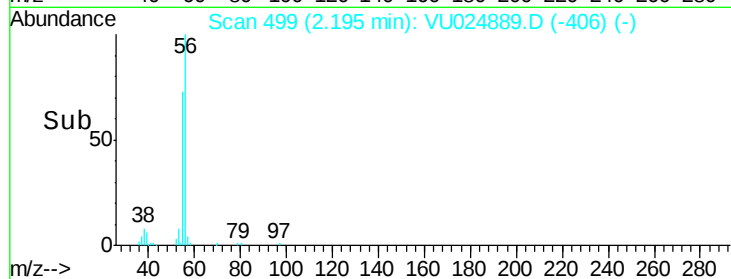
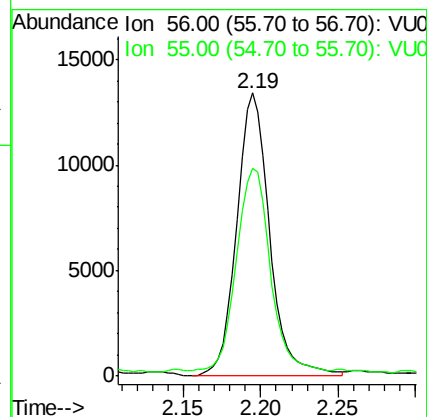
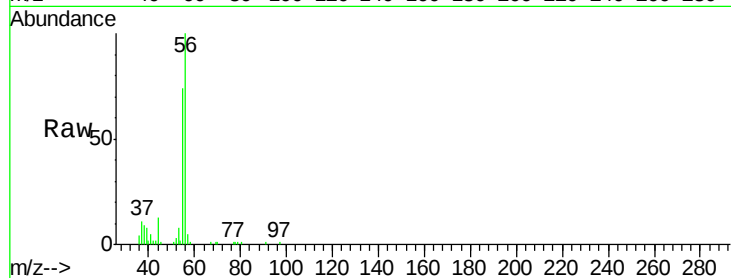
Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 56 Resp: 19825

Ion Ratio Lower Upper

56 100

55 71.8 58.4 87.6



#14

Allyl chloride

Concen: 18.16 ug/l

RT: 2.59 min Scan# 623

Delta R.T. -0.00 min

Lab File: VU024889.D

Acq: 25 Jun 2018 20:59

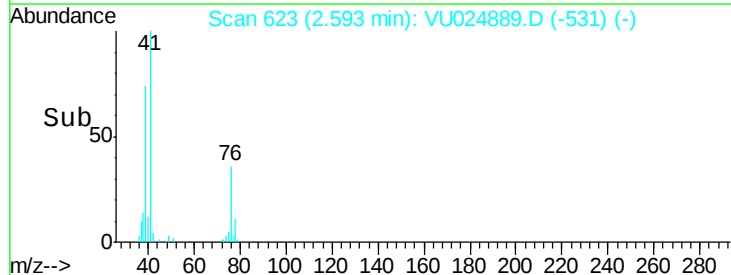
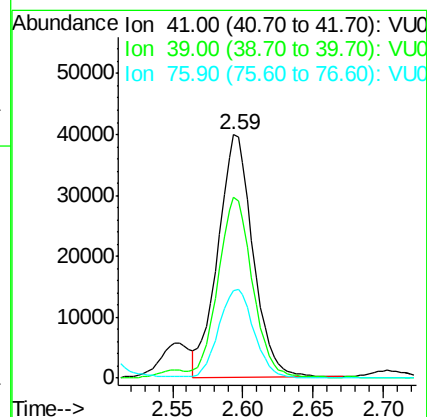
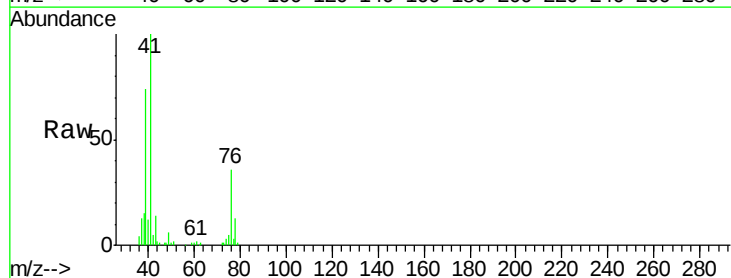
Tgt Ion: 41 Resp: 68548

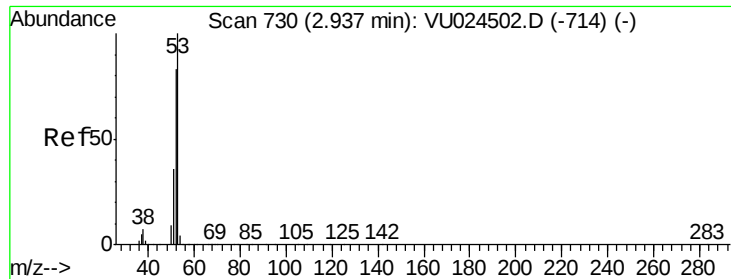
Ion Ratio Lower Upper

41 100

39 72.4 61.6 92.4

76 36.9 29.7 44.5





#15

Acrylonitrile

Concen: 100.95 ug/l

RT: 2.93 min Scan# 729

Delta R.T. -0.00 min

Lab File: VU024889.D

Acq: 25 Jun 2018 20:59

Instrument :

MSVOA_U

ClientSampleId :

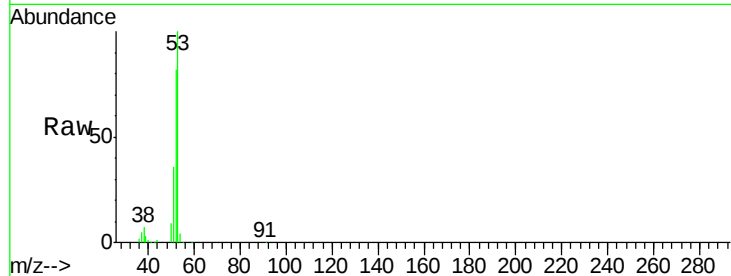
Tot Ion: 53 Resp: 139267

Ion Ratio Lower Upper

53 100

52 82.5 67.1 100.7

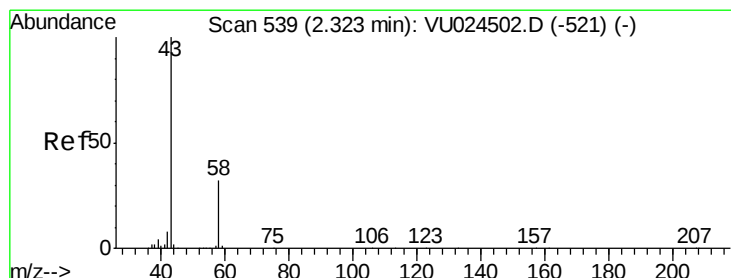
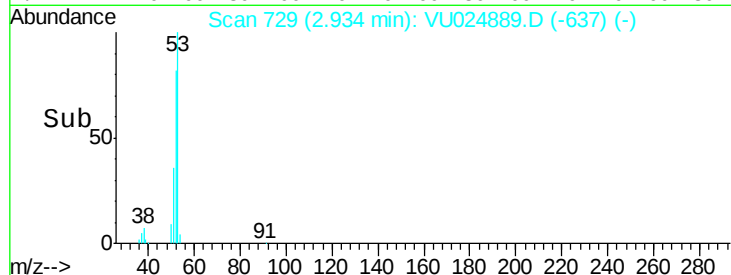
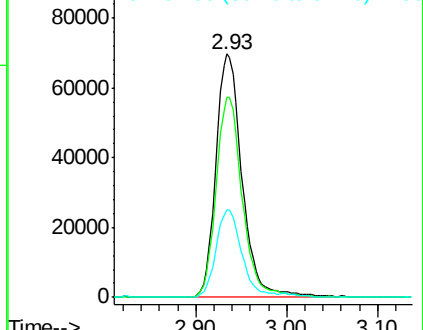
51 35.3 28.4 42.6



Abundance Ion 53.00 (52.70 to 53.70): VU0

Ion 52.00 (51.70 to 52.70): VU0

Ion 51.00 (50.70 to 51.70): VU0



#16

Acetone

Concen: 88.26 ug/l

RT: 2.32 min Scan# 538

Delta R.T. -0.00 min

Lab File: VU024889.D

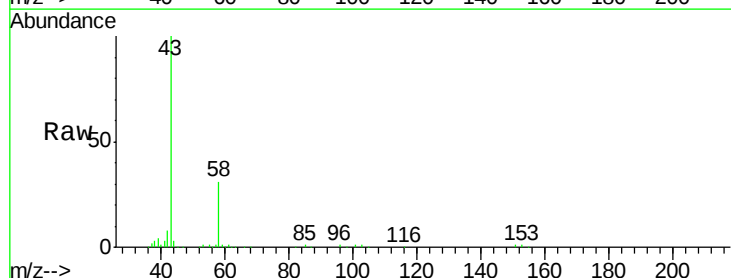
Acq: 25 Jun 2018 20:59

Tgt Ion: 43 Resp: 138258

Ion Ratio Lower Upper

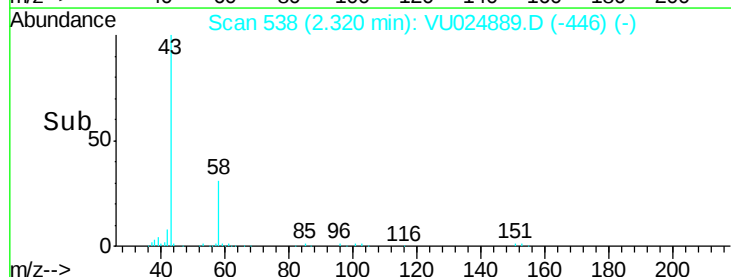
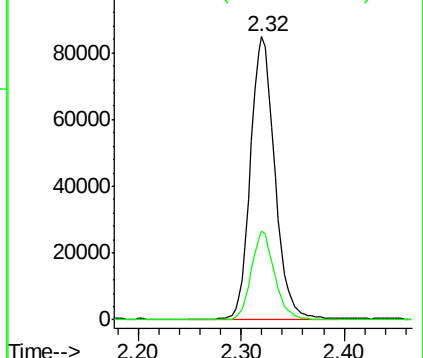
43 100

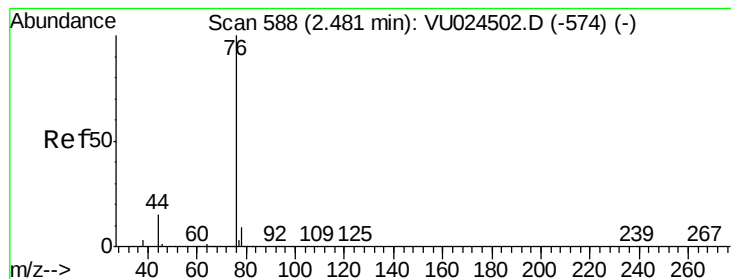
58 31.2 24.4 36.6



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0





#17

Carbon Disulfide

Concen: 15.92 ug/l

RT: 2.48 min Scan# 588

Delta R.T. 0.00 min

Lab File: VU024889.D

Acq: 25 Jun 2018 20:59

Instrument :

MSVOA_U

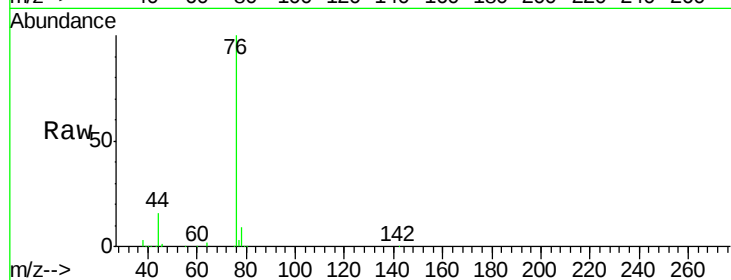
ClientSampleId :

Tot Ion: 76 Resp: 103681

Ion Ratio Lower Upper

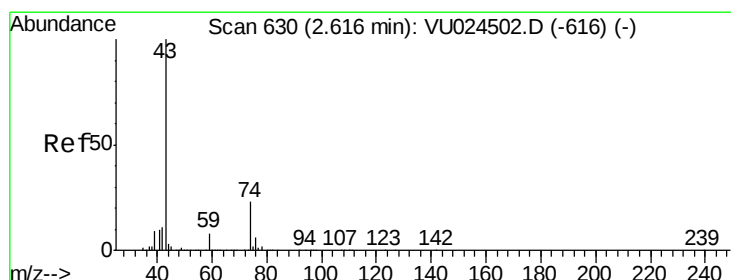
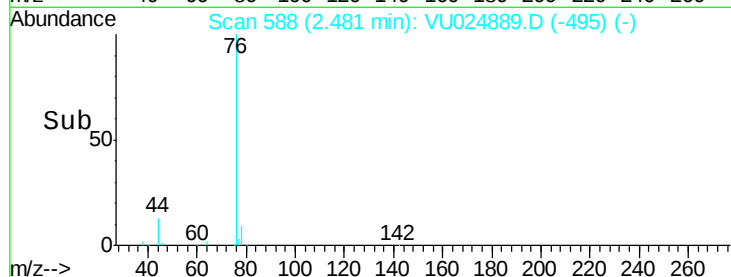
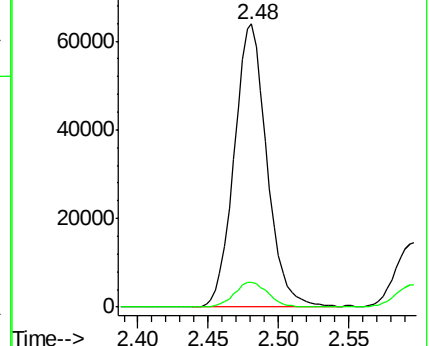
76 100

78 8.9 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VU0

Ion 77.90 (77.60 to 78.60): VU0



#18

Methyl Acetate

Concen: 22.72 ug/l

RT: 2.62 min Scan# 630

Delta R.T. 0.00 min

Lab File: VU024889.D

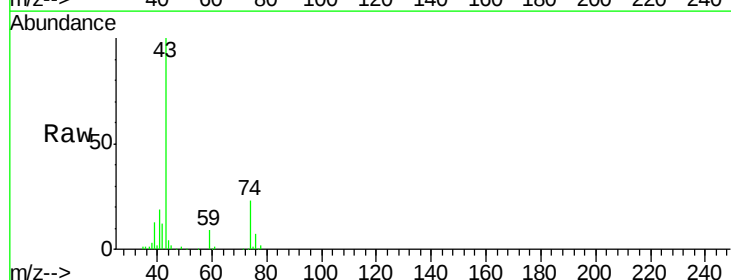
Acq: 25 Jun 2018 20:59

Tgt Ion: 43 Resp: 76291

Ion Ratio Lower Upper

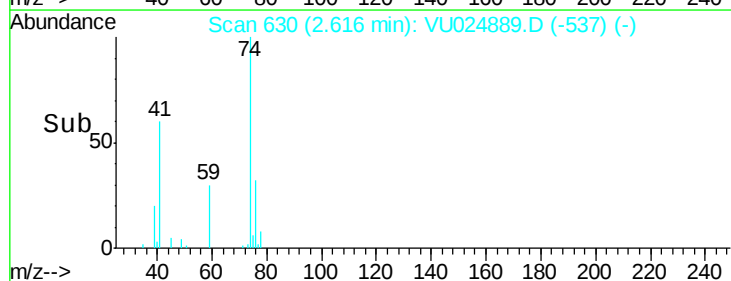
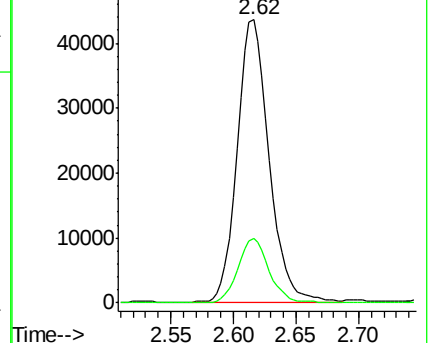
43 100

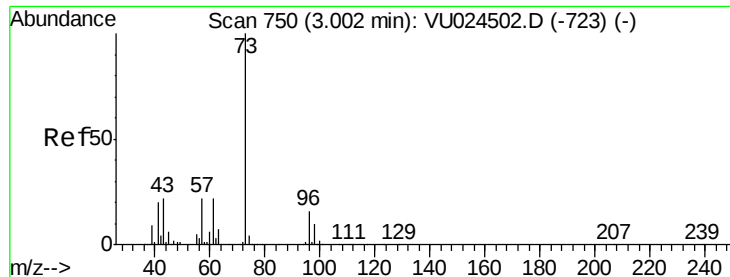
74 22.1 18.0 27.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 74.00 (73.70 to 74.70): VU0



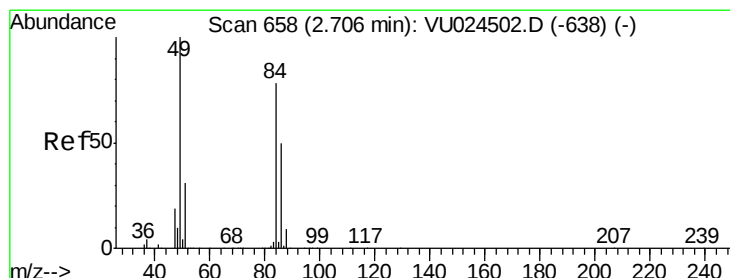
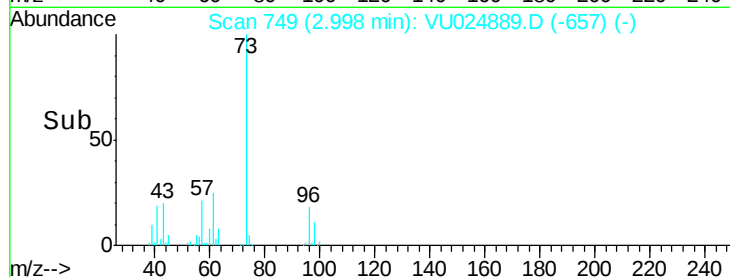
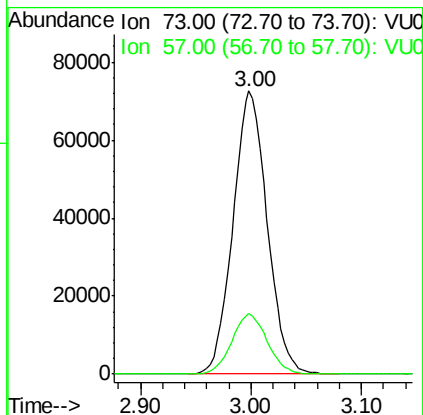
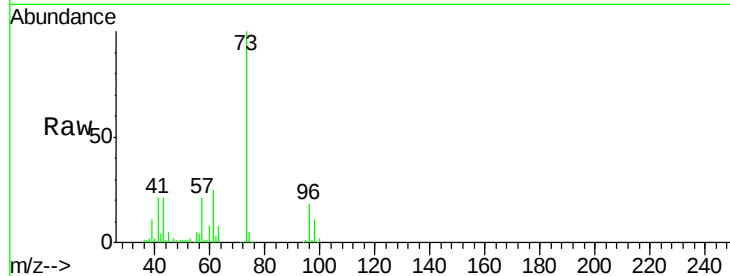


#19

Methyl tert-butyl Ether
 Concen: 20.32 ug/l
 RT: 3.00 min Scan# 749
 Delta R.T. -0.00 min
 Lab File: VU024889.D
 Acq: 25 Jun 2018 20:59

Instrument :
 MSVOA_U
 ClientSampleId :

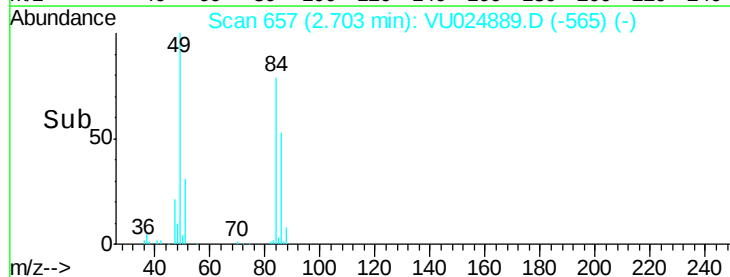
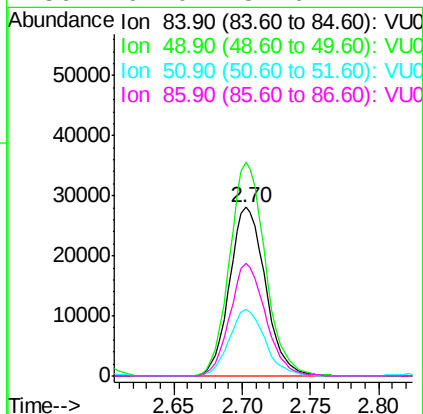
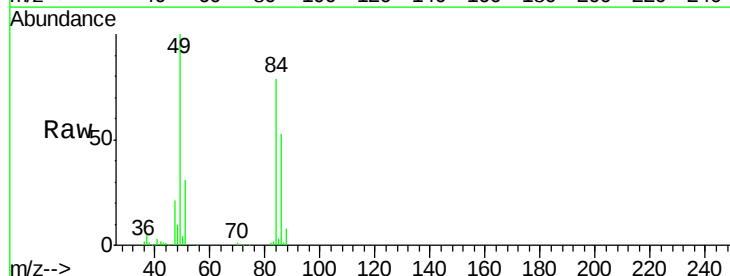
Tot Ion: 73 Resp: 155346
 Ion Ratio Lower Upper
 73 100
 57 21.3 18.8 28.2

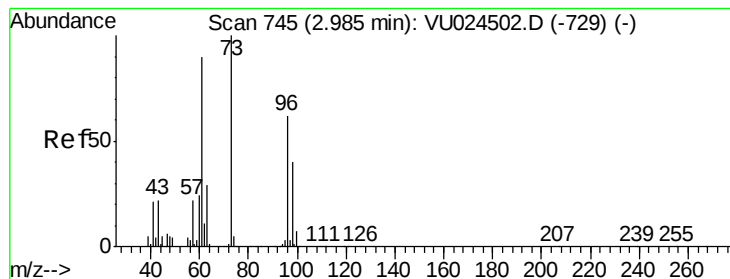


#20

Methylene Chloride
 Concen: 20.95 ug/l
 RT: 2.70 min Scan# 657
 Delta R.T. -0.00 min
 Lab File: VU024889.D
 Acq: 25 Jun 2018 20:59

Tgt Ion: 84 Resp: 51500
 Ion Ratio Lower Upper
 84 100
 49 126.5 103.8 155.8
 51 39.4 32.0 48.0
 86 67.0 51.6 77.4





#21

trans-1,2-Dichloroethene

Concen: 18.99 ug/l

RT: 2.99 min Scan# 745

Delta R.T. 0.00 min

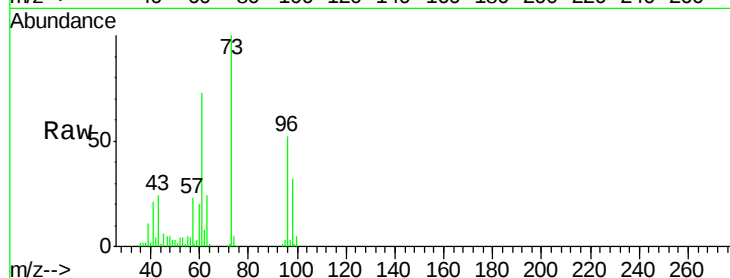
Lab File: VU024889.D

Acq: 25 Jun 2018 20:59

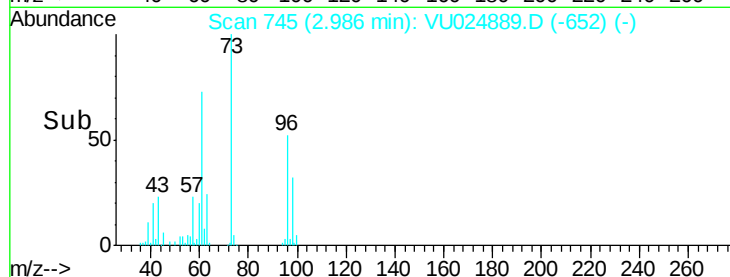
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 96 Resp: 42526

Ion	Ratio	Lower	Upper
96	100		
61	140.8	119.4	179.0
98	61.8	51.1	76.7

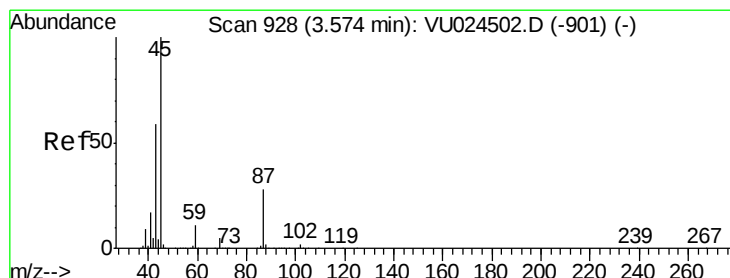


Abundance Ion 95.90 (95.60 to 96.60): VU024889.D (-652) (-)



Ion 60.90 (60.60 to 61.60): VU024889.D (-652) (-)

Ion 97.90 (97.60 to 98.60): VU024889.D (-652) (-)



#22

Diisopropyl ether

Concen: 20.39 ug/l

RT: 3.57 min Scan# 928

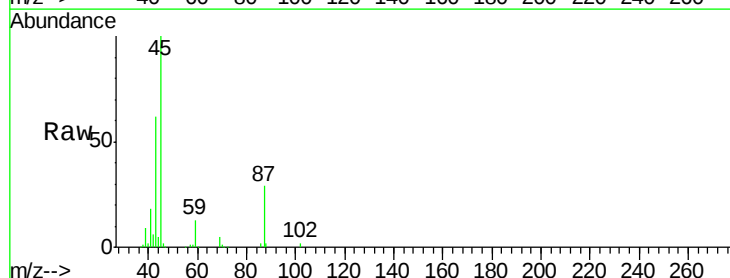
Delta R.T. 0.00 min

Lab File: VU024889.D

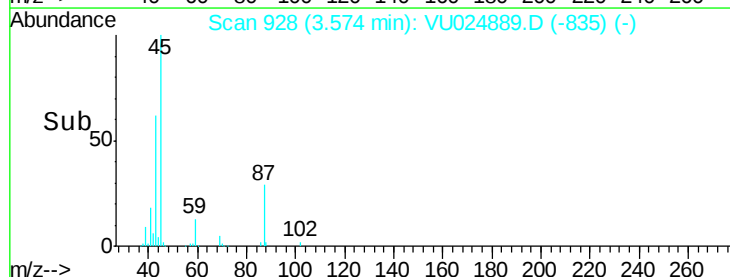
Acq: 25 Jun 2018 20:59

Tgt Ion: 45 Resp: 152582

Ion	Ratio	Lower	Upper
45	100		
43	60.8	45.8	68.6
87	29.1	20.6	31.0
59	12.6	9.4	14.0



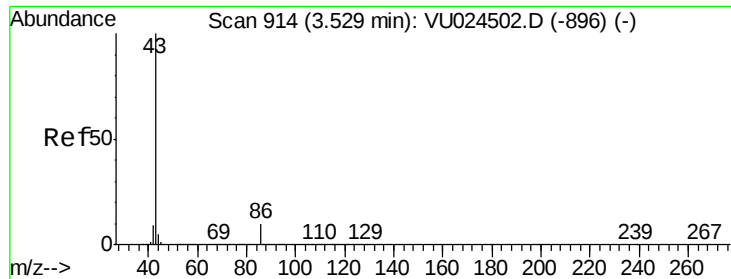
Abundance Ion 45.00 (44.70 to 45.70): VU024889.D (-835) (-)



Ion 43.00 (42.70 to 43.70): VU024889.D (-835) (-)

Ion 87.00 (86.70 to 87.70): VU024889.D (-835) (-)

Ion 59.00 (58.70 to 59.70): VU024889.D (-835) (-)



#23

Vinyl Acetate

Concen: 96.85 ug/l

RT: 3.53 min Scan# 913

Delta R.T. -0.00 min

Lab File: VU024889.D

Acq: 25 Jun 2018 20:59

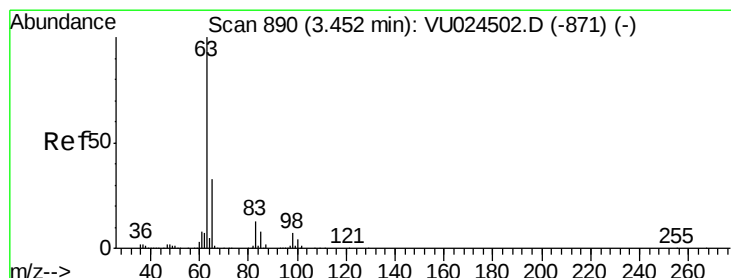
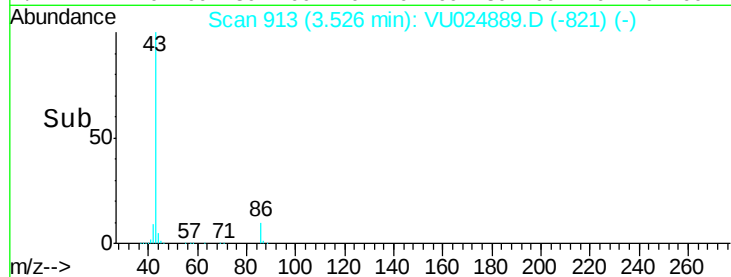
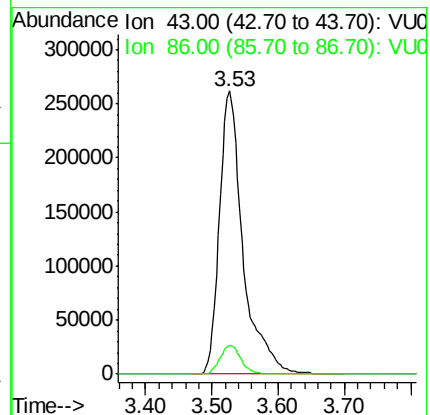
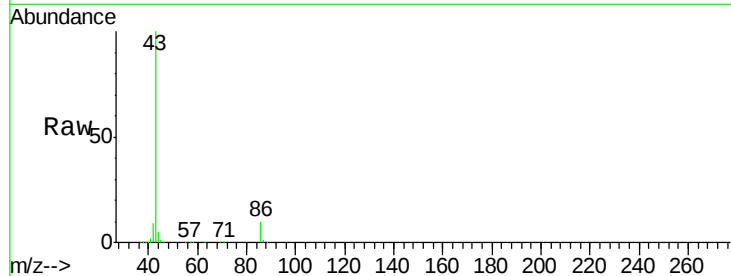
Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 43 Resp: 649311

Ion Ratio Lower Upper

43 100

86 10.2 7.8 11.8



#24

1,1-Dichloroethane

Concen: 19.95 ug/l

RT: 3.45 min Scan# 890

Delta R.T. 0.00 min

Lab File: VU024889.D

Acq: 25 Jun 2018 20:59

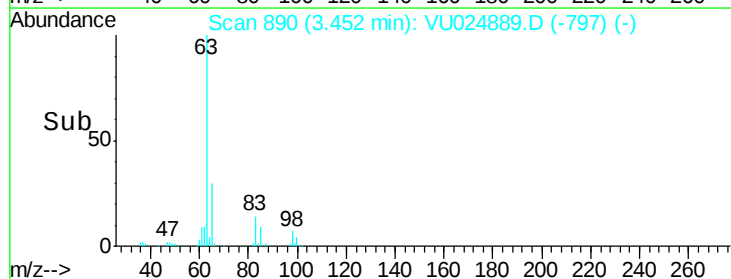
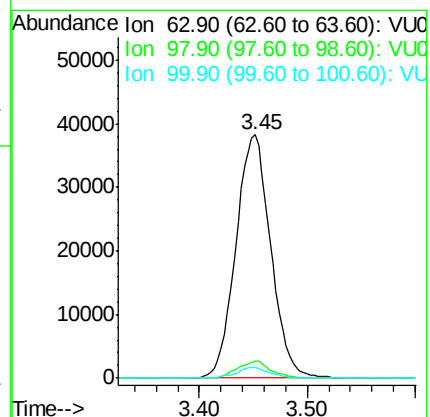
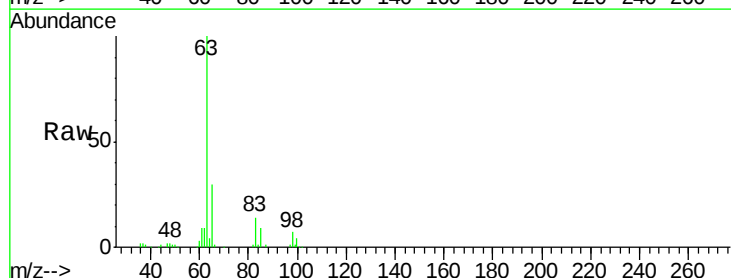
Tgt Ion: 63 Resp: 85912

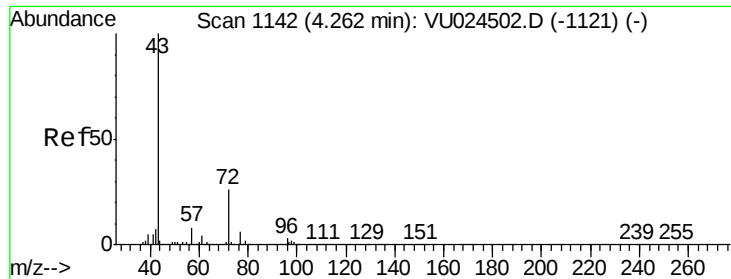
Ion Ratio Lower Upper

63 100

98 7.1 3.5 10.4

100 4.5 1.8 5.5

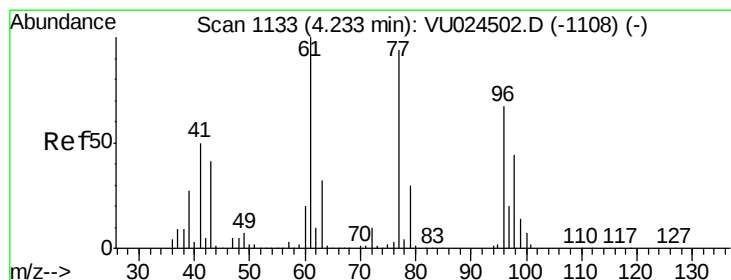
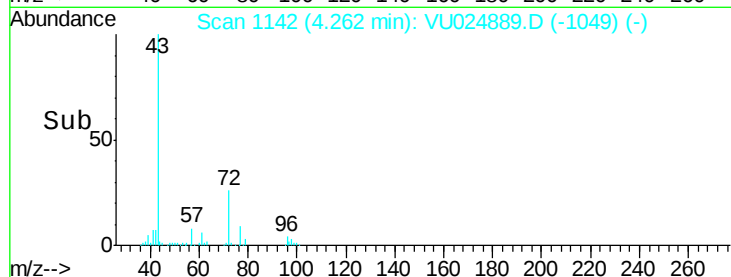
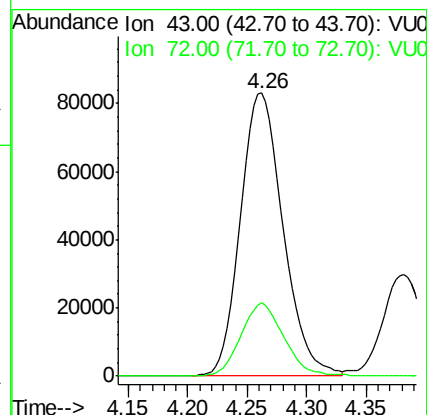
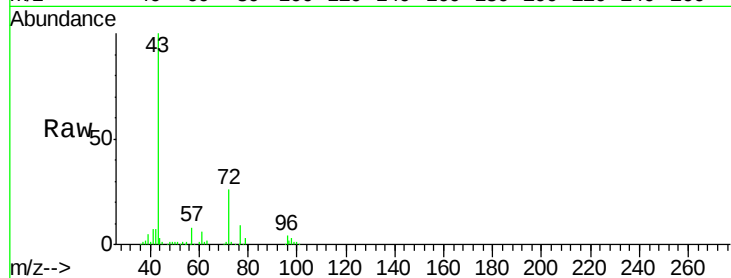




#25
2-Butanone
Concen: 97.45 ug/l
RT: 4.26 min Scan# 1142
Delta R.T. 0.00 min
Lab File: VU024889.D
Acq: 25 Jun 2018 20:59

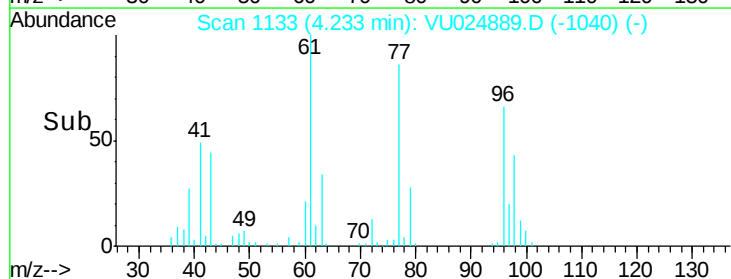
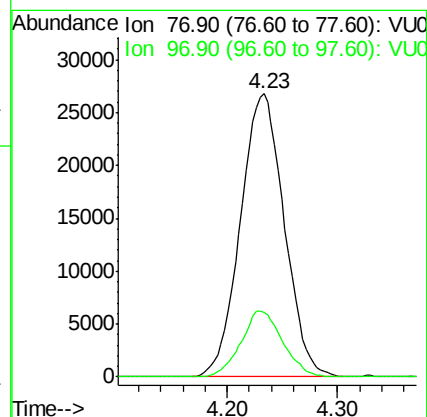
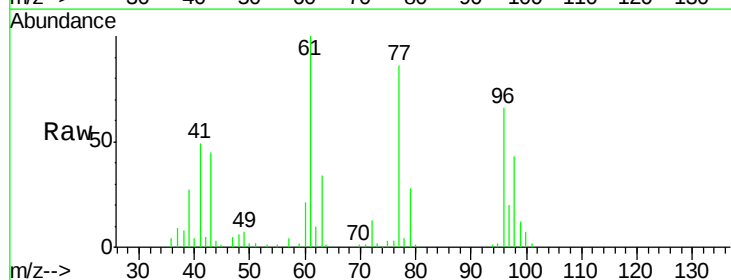
Instrument :
MSVOA_U
ClientSampleId :

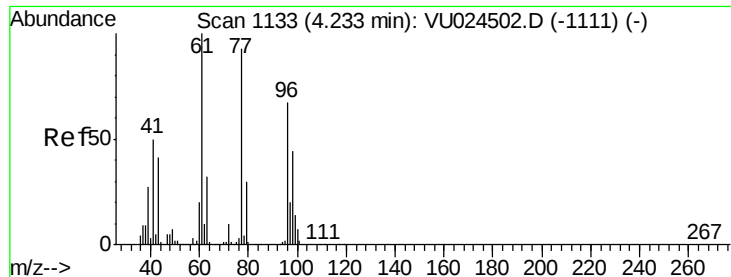
Tot Ion: 43 Resp: 205046
Ion Ratio Lower Upper
43 100
72 25.8 19.6 29.4



#26
2,2-Dichloropropane
Concen: 18.01 ug/l
RT: 4.23 min Scan# 1133
Delta R.T. 0.00 min
Lab File: VU024889.D
Acq: 25 Jun 2018 20:59

Tgt Ion: 77 Resp: 73642
Ion Ratio Lower Upper
77 100
97 22.2 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 20.20 ug/l

RT: 4.23 min Scan# 1131

Delta R.T. -0.01 min

Lab File: VU024889.D

Acq: 25 Jun 2018 20:59

Instrument :
MSVOA_U
ClientSampleId :

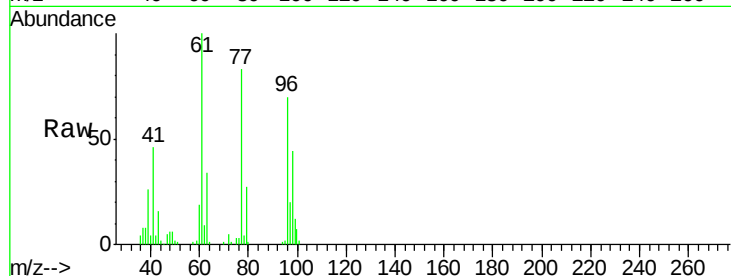
Tot Ion: 96 Resp: 52012

Ion Ratio Lower Upper

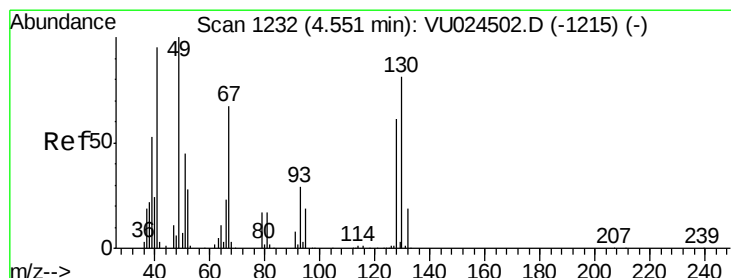
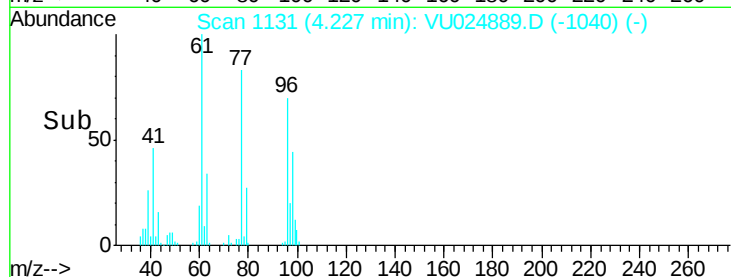
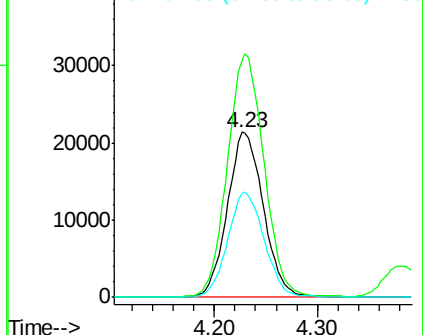
96 100

61 150.1 0.0 306.6

98 64.5 0.0 128.8



Abundance Ion 95.90 (95.60 to 96.60): VU0
Ion 60.90 (60.60 to 61.60): VU0
Ion 97.90 (97.60 to 98.60): VU0



#28

Bromochloromethane

Concen: 21.25 ug/l

RT: 4.55 min Scan# 1233

Delta R.T. 0.00 min

Lab File: VU024889.D

Acq: 25 Jun 2018 20:59

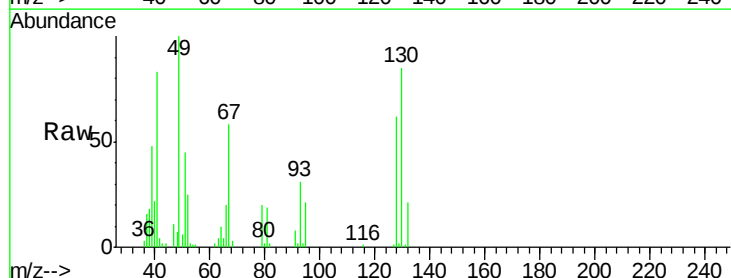
Tgt Ion: 49 Resp: 40304

Ion Ratio Lower Upper

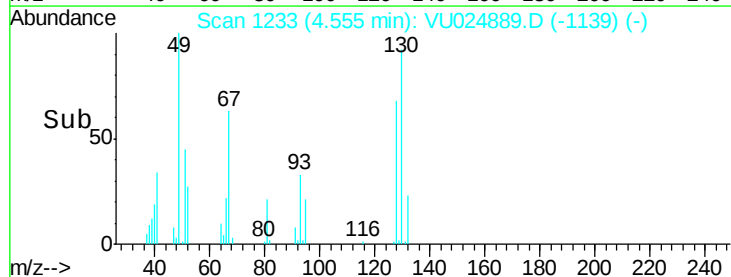
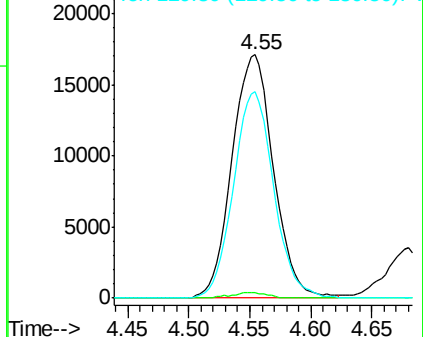
49 100

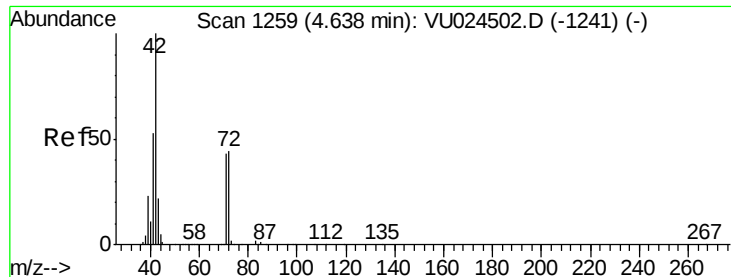
129 2.0 0.0 3.8

130 82.2 57.8 86.6



Abundance Ion 48.90 (48.60 to 49.60): VU0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 96.40 ug/l

RT: 4.64 min Scan# 1258

Delta R.T. -0.00 min

Lab File: VU024889.D

Acq: 25 Jun 2018 20:59

Instrument :
MSVOA_U
ClientSampleId :

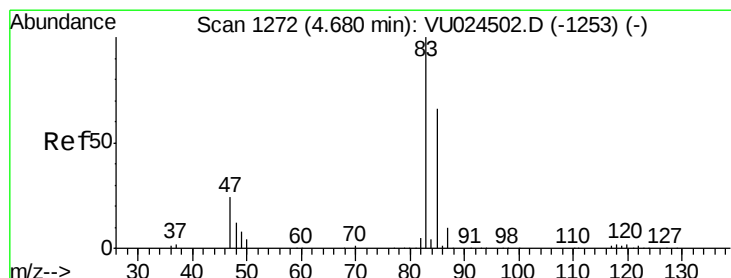
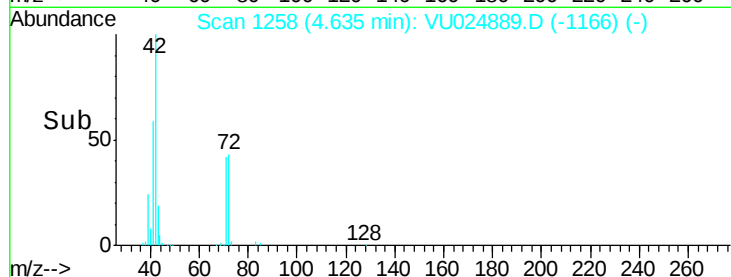
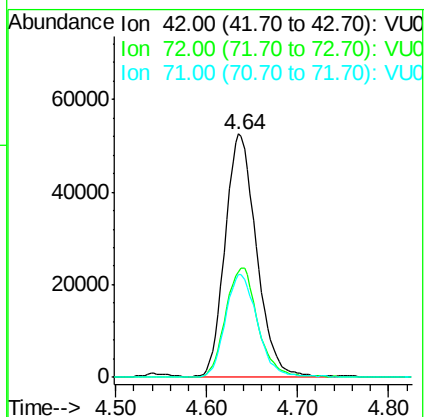
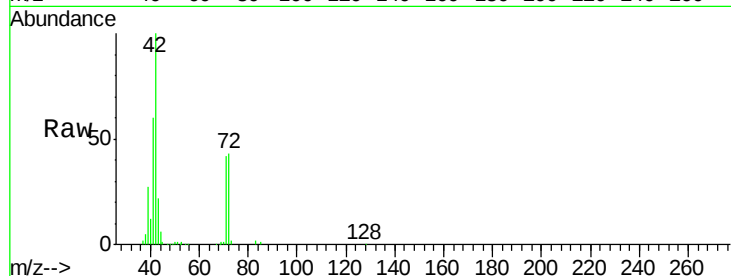
Tot Ion: 42 Resp: 125611

Ion Ratio Lower Upper

42 100

72 46.0 34.5 51.7

71 43.1 32.2 48.4



#30

Chloroform

Concen: 20.62 ug/l

RT: 4.68 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VU024889.D

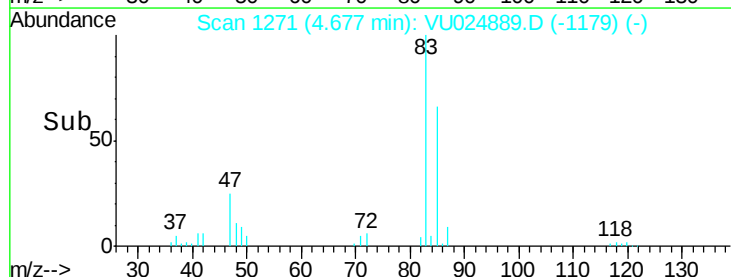
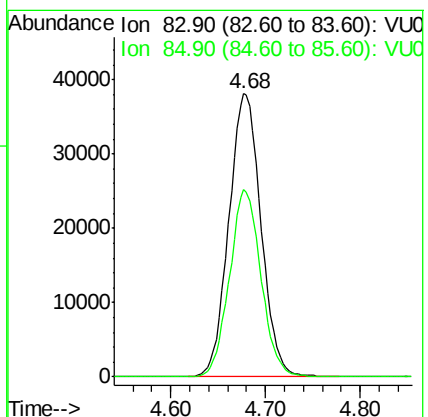
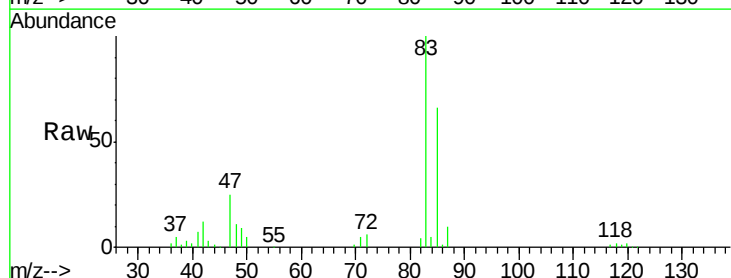
Acq: 25 Jun 2018 20:59

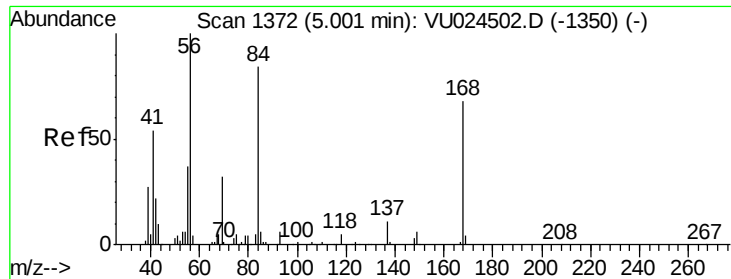
Tgt Ion: 83 Resp: 89878

Ion Ratio Lower Upper

83 100

85 66.1 52.4 78.6

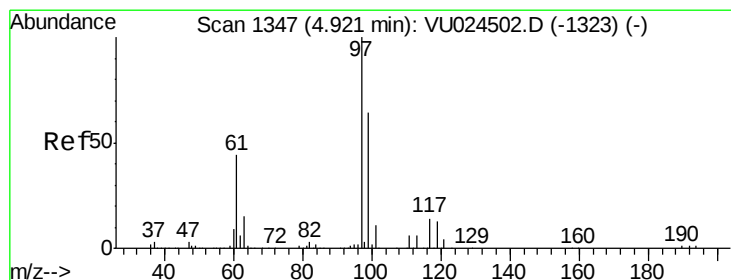
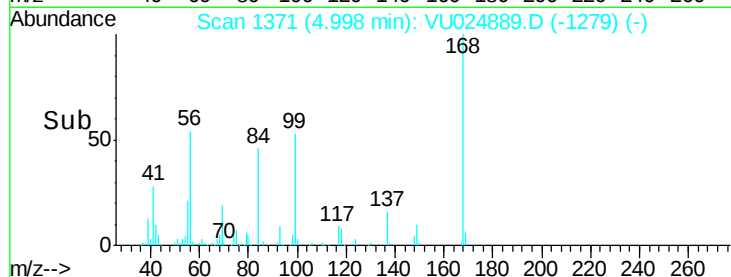
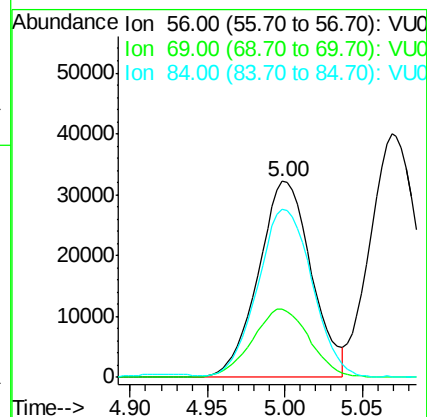
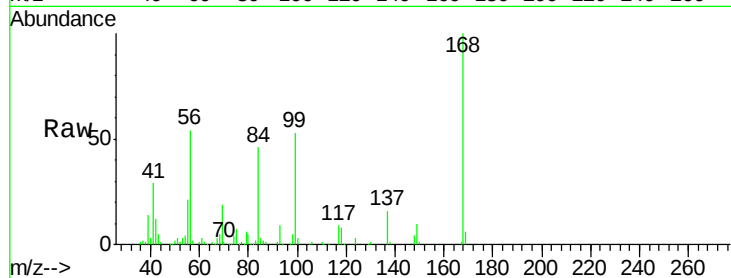




#31
Cyclohexane
Concen: 18.92 ug/l
RT: 5.00 min Scan# 1371
Delta R.T. -0.00 min
Lab File: VU024889.D
Acq: 25 Jun 2018 20:59

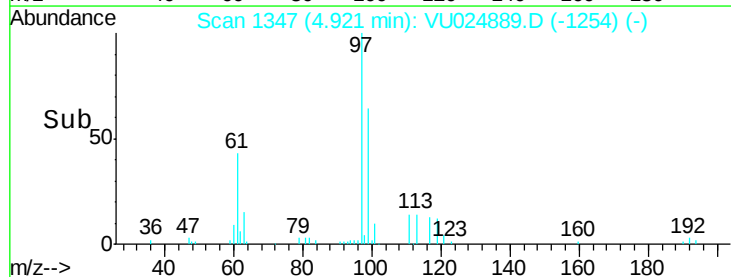
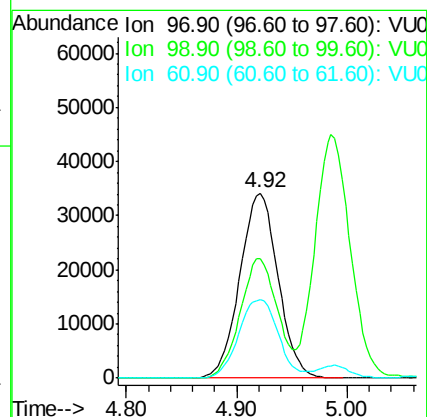
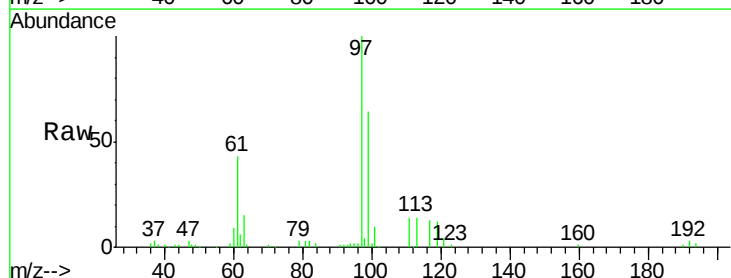
Instrument :
MSVOA_U
ClientSampled :

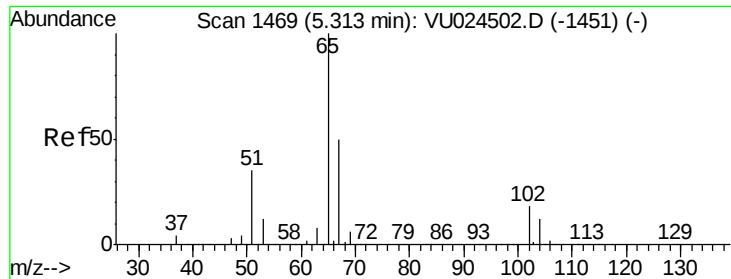
Tot Ion: 56 Resp: 77024
Ion Ratio Lower Upper
56 100
69 34.7 24.8 37.2
84 84.6 65.2 97.8



#32
1,1,1-Trichloroethane
Concen: 20.36 ug/l
RT: 4.92 min Scan# 1347
Delta R.T. 0.00 min
Lab File: VU024889.D
Acq: 25 Jun 2018 20:59

Tgt Ion: 97 Resp: 82042
Ion Ratio Lower Upper
97 100
99 63.8 51.0 76.6
61 44.2 39.4 59.0

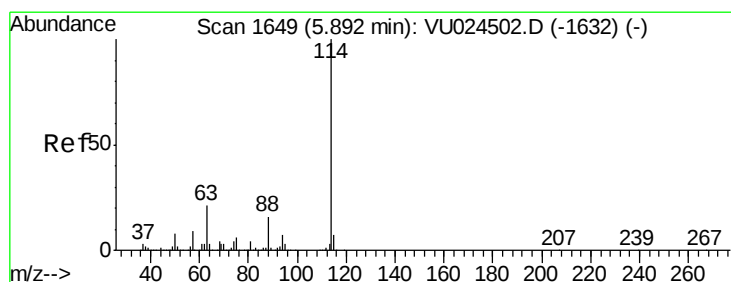
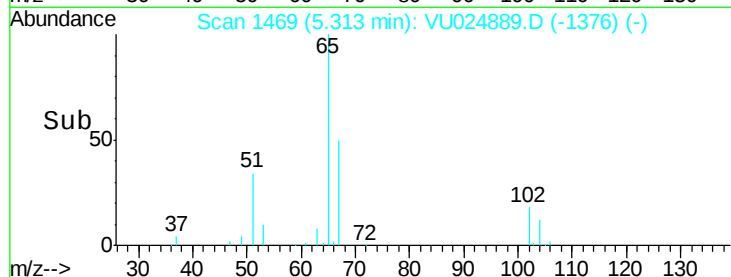
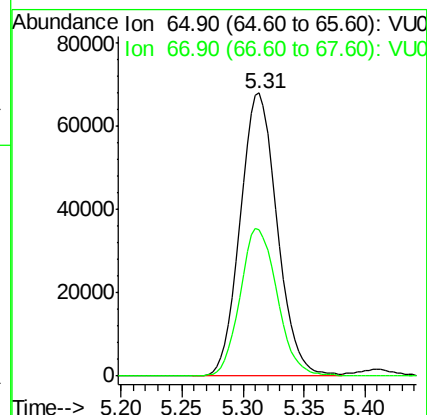
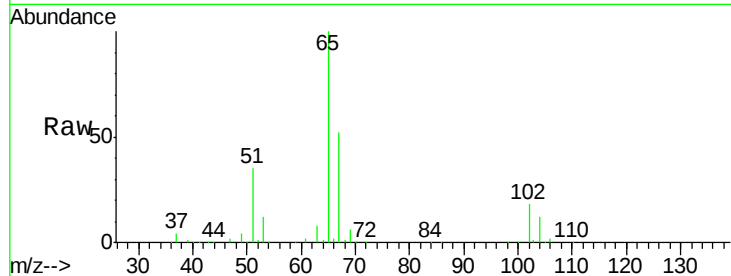




#33
 1,2-Dichloroethane-d4
 Concen: 48.97 ug/l
 RT: 5.31 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: VU024889.D
 Acq: 25 Jun 2018 20:59

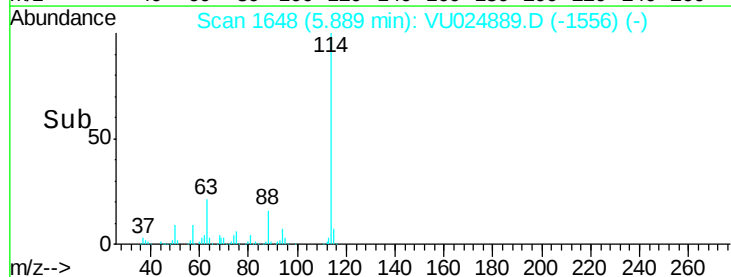
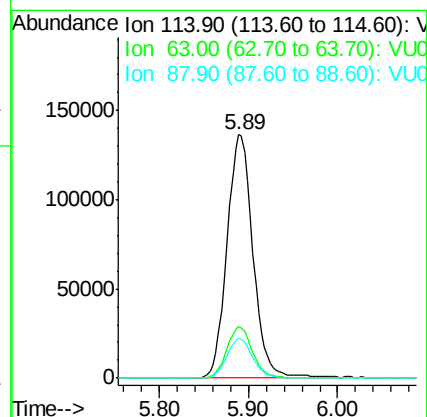
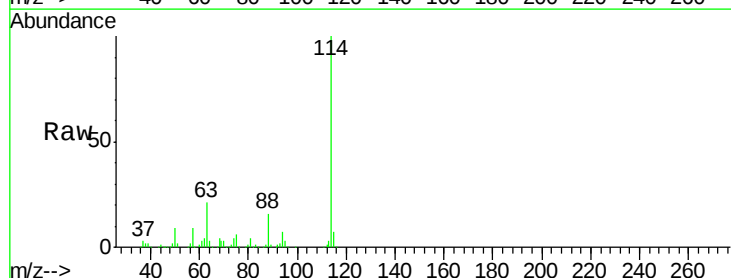
Instrument :
 MSVOA_U
 ClientSampleId :

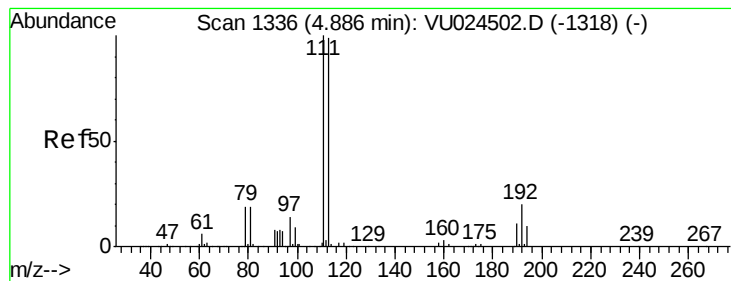
Tot Ion: 65 Resp: 142764
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.89 min Scan# 1648
 Delta R.T. -0.00 min
 Lab File: VU024889.D
 Acq: 25 Jun 2018 20:59

Tgt Ion: 114 Resp: 275852
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 45.4
 88 16.3 0.0 31.0





#35

Dibromofluoromethane

Concen: 49.97 ug/l

RT: 4.89 min Scan# 1336

Delta R.T. 0.00 min

Lab File: VU024889.D

Acq: 25 Jun 2018 20:59

Instrument :

MSVOA_U

ClientSampleId :

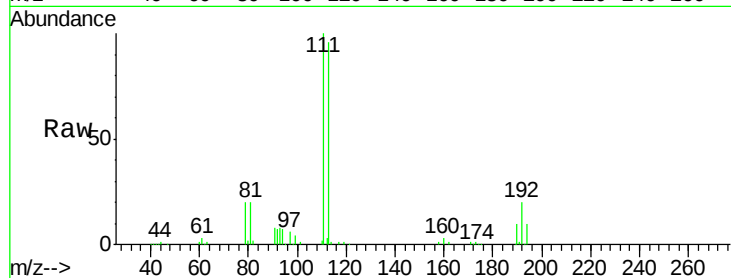
Tot Ion:113 Resp: 114410

Ion Ratio Lower Upper

113 100

111 103.1 82.2 123.4

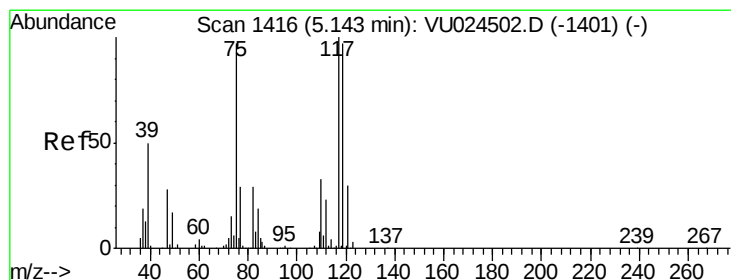
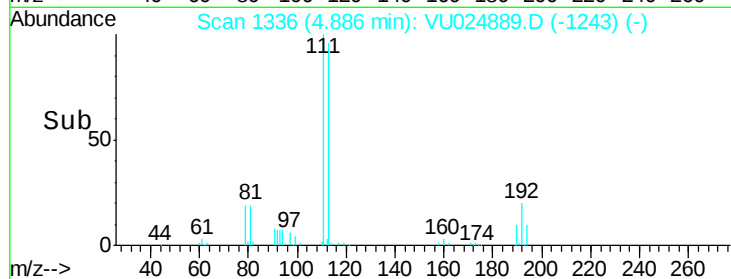
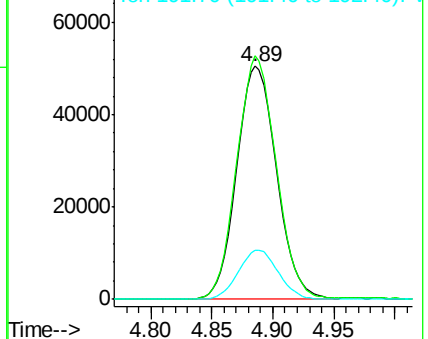
192 21.1 16.2 24.4



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 18.91 ug/l

RT: 5.14 min Scan# 1416

Delta R.T. 0.00 min

Lab File: VU024889.D

Acq: 25 Jun 2018 20:59

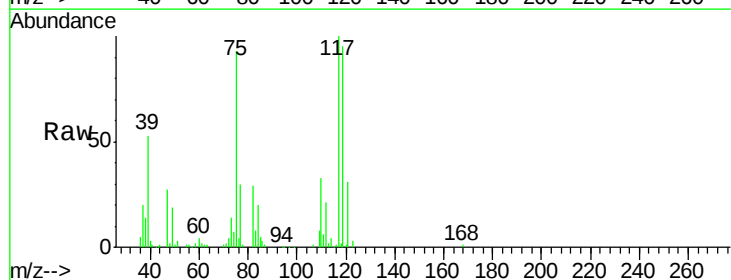
Tgt Ion: 75 Resp: 61309

Ion Ratio Lower Upper

75 100

110 36.9 17.0 50.9

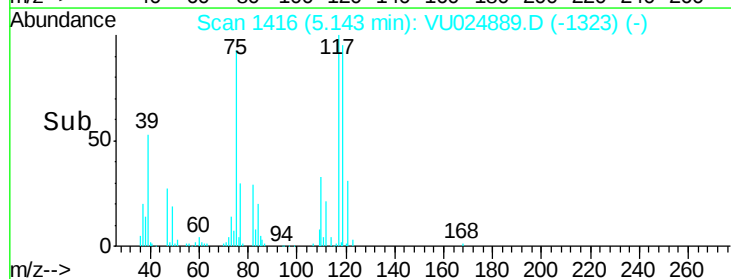
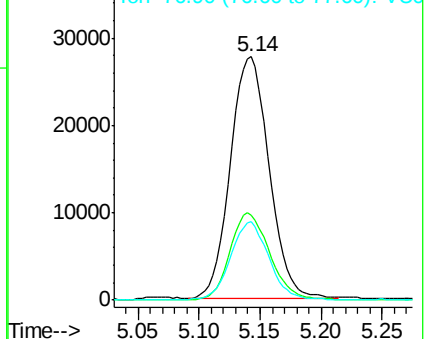
77 32.1 24.2 36.4

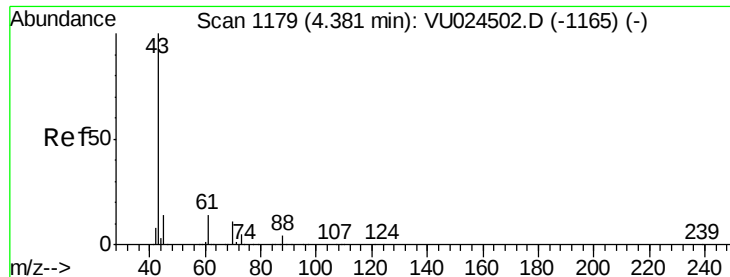


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VU0

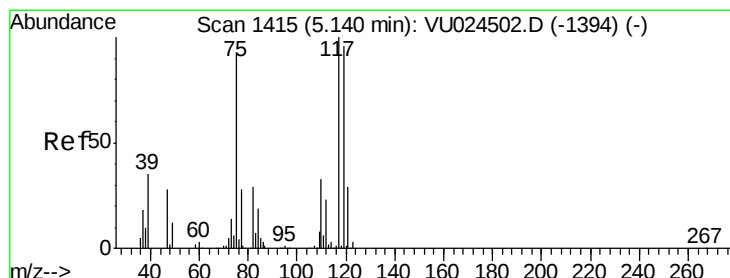
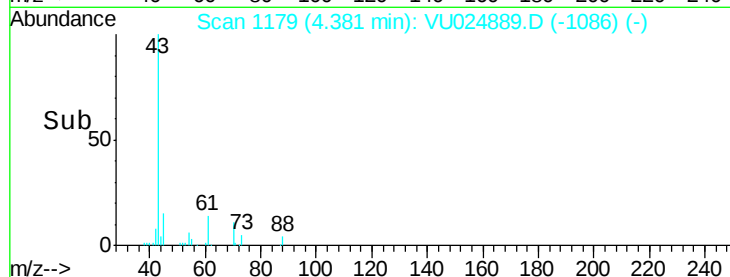
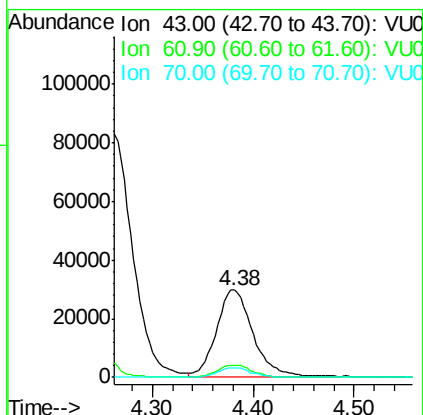
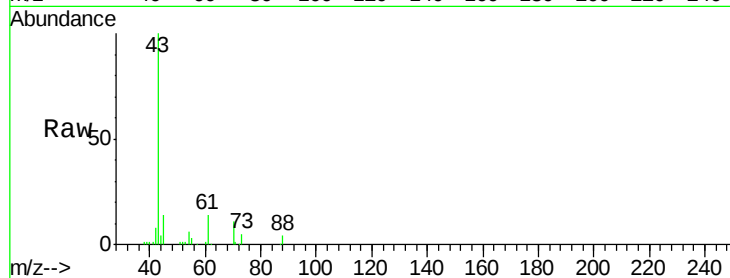




#37
Ethyl Acetate
Concen: 20.94 ug/l
RT: 4.38 min Scan# 1179
Delta R.T. 0.00 min
Lab File: VU024889.D
Acq: 25 Jun 2018 20:59

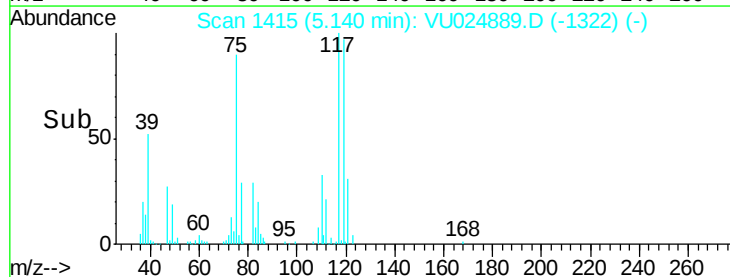
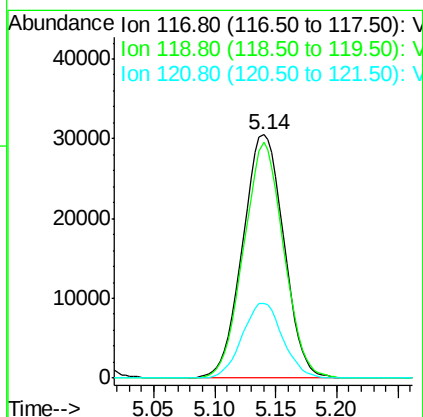
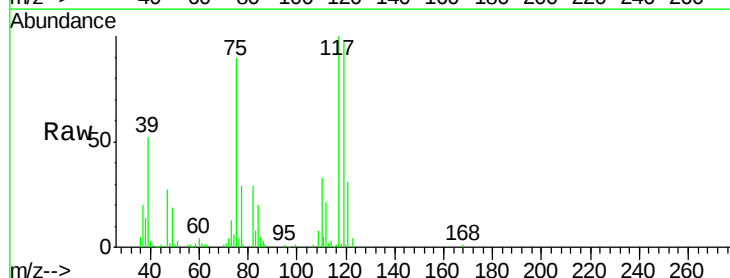
Instrument :
MSVOA_U
ClientSampled :

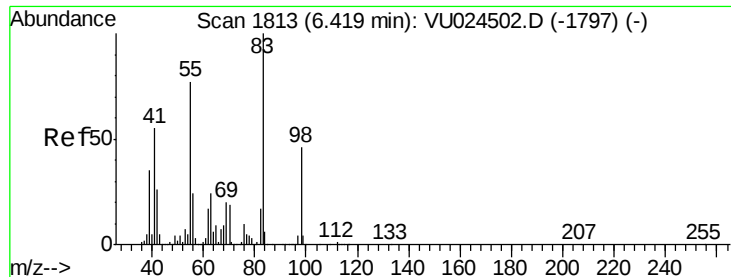
Tot Ion: 43 Resp: 73975
Ion Ratio Lower Upper
43 100
61 13.8 10.5 15.7
70 10.4 7.4 11.2



#38
Carbon Tetrachloride
Concen: 20.00 ug/l
RT: 5.14 min Scan# 1415
Delta R.T. 0.00 min
Lab File: VU024889.D
Acq: 25 Jun 2018 20:59

Tgt Ion: 117 Resp: 71280
Ion Ratio Lower Upper
117 100
119 96.9 76.1 114.1
121 30.8 23.7 35.5

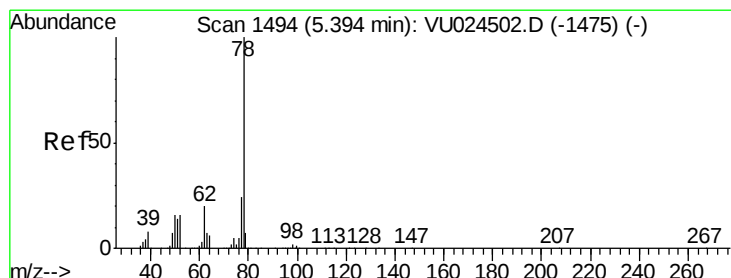
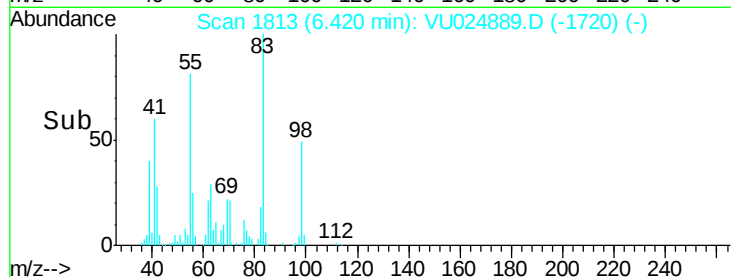
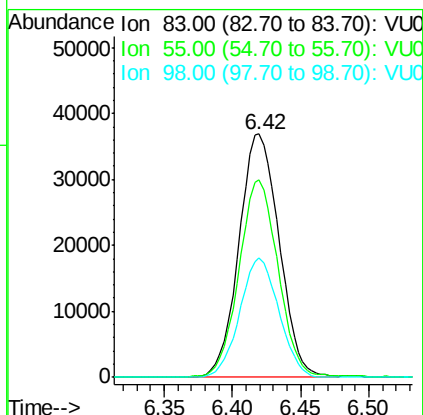
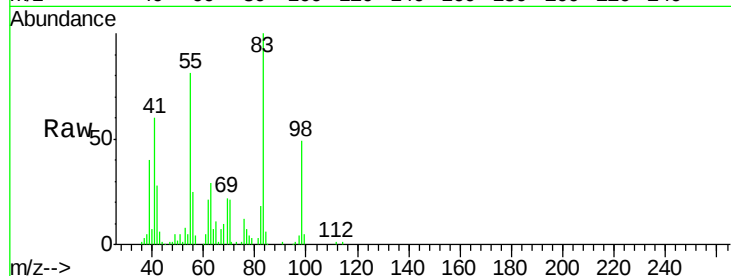




#39
Methvlcvclohexane
Concen: 18.70 ug/l
RT: 6.42 min Scan# 1813
Delta R.T. 0.00 min
Lab File: VU024889.D
Acq: 25 Jun 2018 20:59

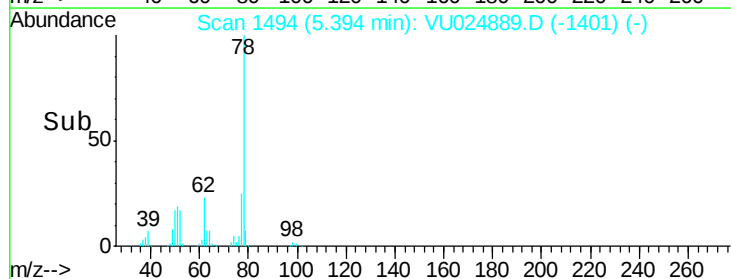
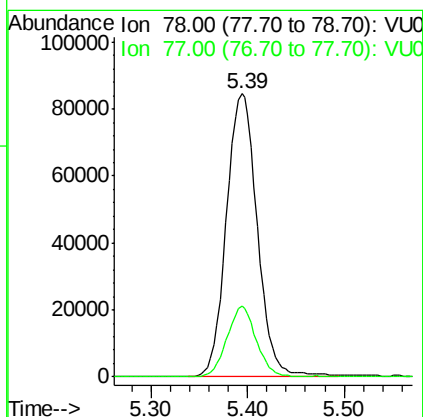
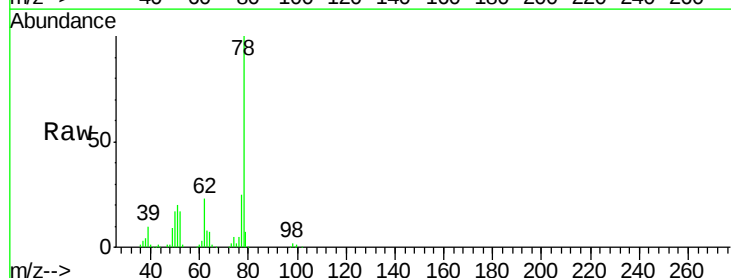
Instrument :
MSVOA_U
ClientSampleId :

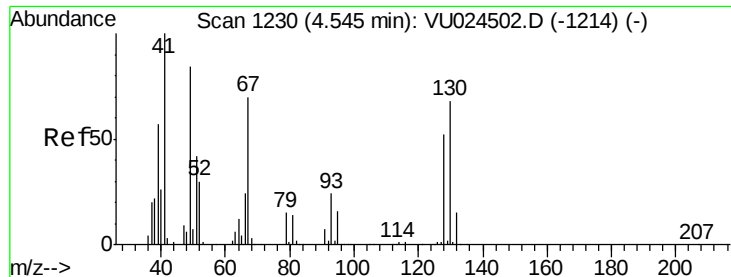
Tot Ion: 83 Resp: 75653
Ion Ratio Lower Upper
83 100
55 81.1 65.8 98.6
98 49.0 36.7 55.1



#40
Benzene
Concen: 20.35 ug/l
RT: 5.39 min Scan# 1494
Delta R.T. 0.00 min
Lab File: VU024889.D
Acq: 25 Jun 2018 20:59

Tgt Ion: 78 Resp: 187995
Ion Ratio Lower Upper
78 100
77 24.9 19.2 28.8

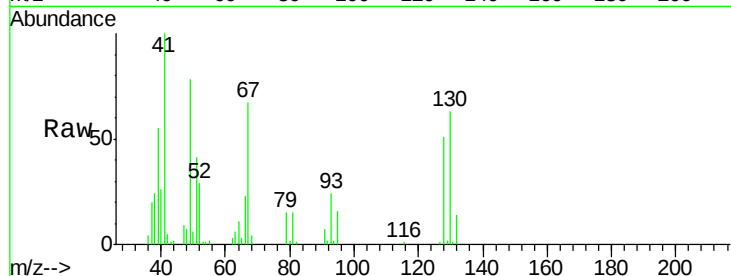




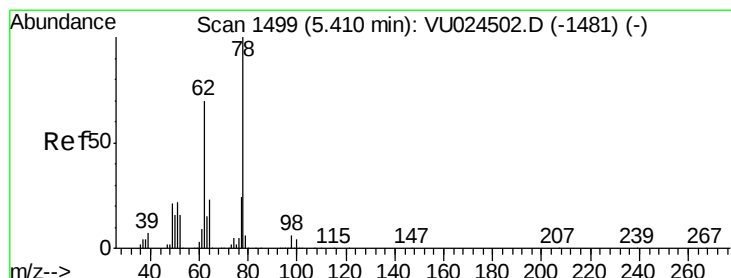
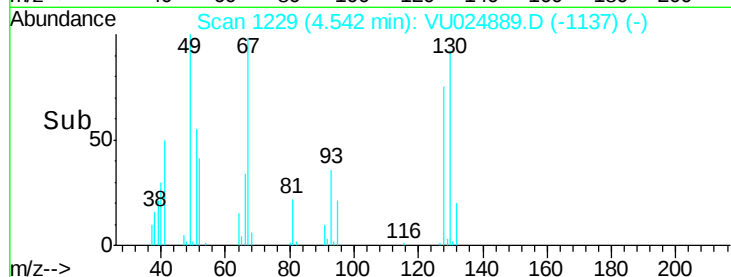
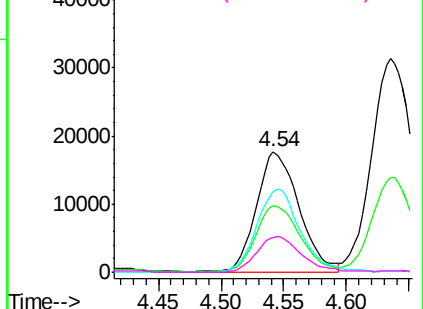
#41
Methacrylonitrile
Concen: 22.00 ug/l
RT: 4.54 min Scan# 1229
Delta R.T. -0.00 min
Lab File: VU024889.D
Acq: 25 Jun 2018 20:59

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 41 Resp: 41899
Ion Ratio Lower Upper
41 100
39 57.8 43.8 65.6
67 70.9 56.3 84.5
52 30.8 23.2 34.8

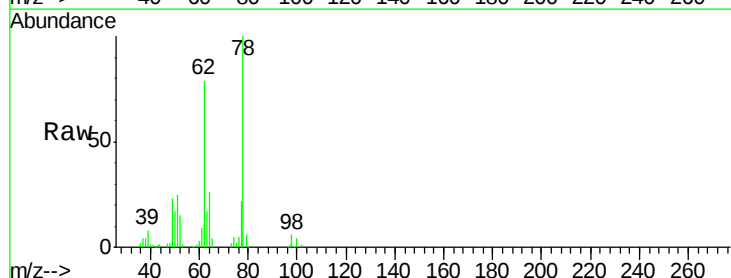


Abundance Ion 41.00 (40.70 to 41.70): VU0
Ion 39.00 (38.70 to 39.70): VU0
Ion 67.00 (66.70 to 67.70): VU0
Ion 52.00 (51.70 to 52.70): VU0

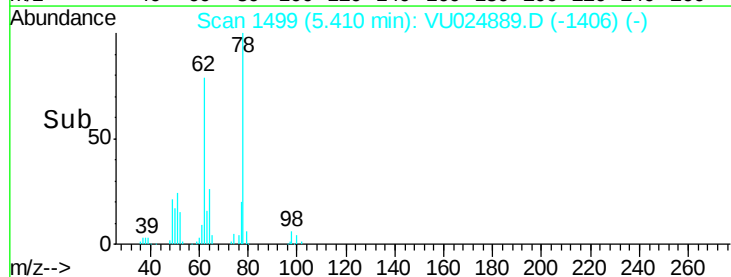
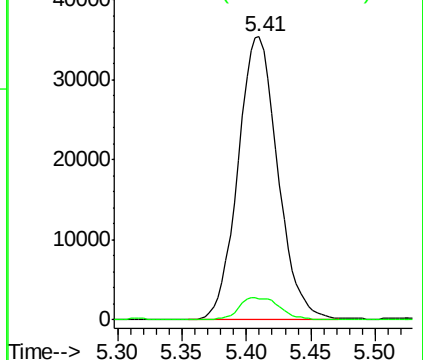


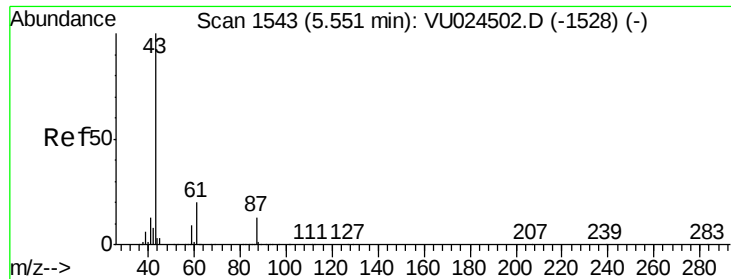
#42
1,2-Dichloroethane
Concen: 21.64 ug/l
RT: 5.41 min Scan# 1499
Delta R.T. 0.00 min
Lab File: VU024889.D
Acq: 25 Jun 2018 20:59

Tgt Ion: 62 Resp: 76119
Ion Ratio Lower Upper
62 100
98 8.1 0.0 16.6



Abundance Ion 61.90 (61.60 to 62.60): VU0
Ion 97.90 (97.60 to 98.60): VU0

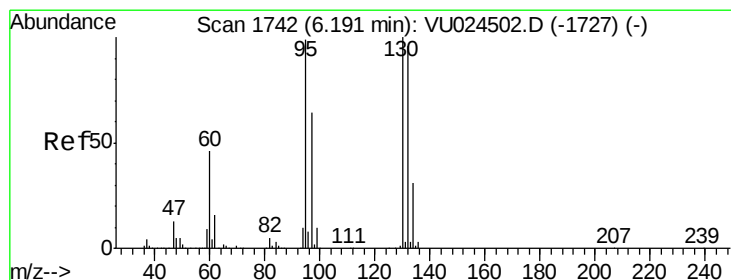
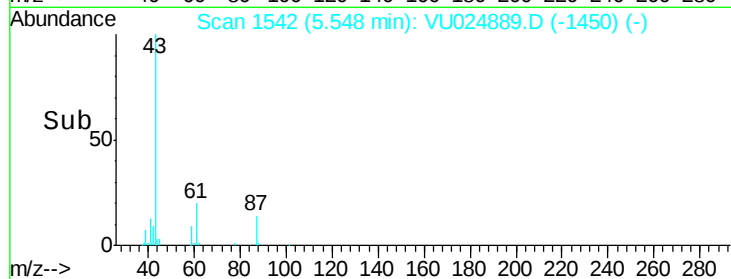
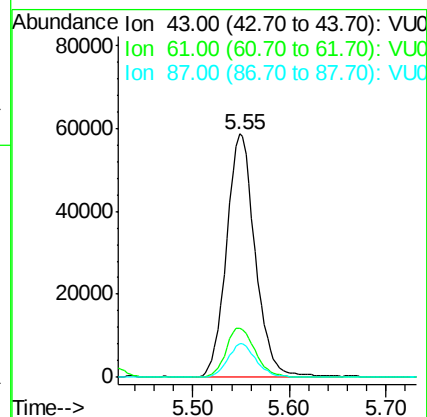
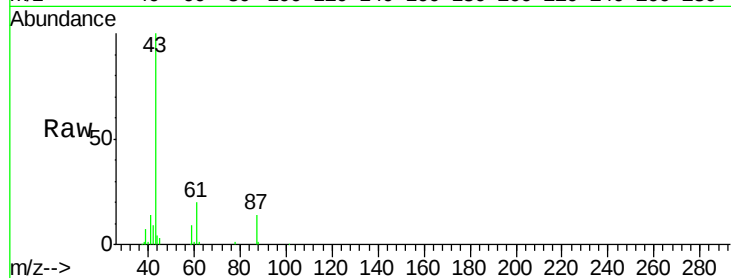




#43
Isopropyl Acetate
Concen: 19.68 ug/l
RT: 5.55 min Scan# 1542
Delta R.T. -0.00 min
Lab File: VU024889.D
Acq: 25 Jun 2018 20:59

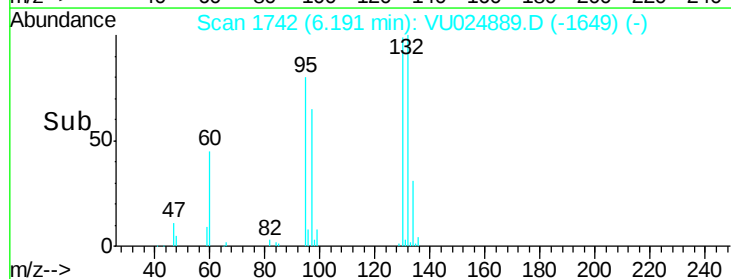
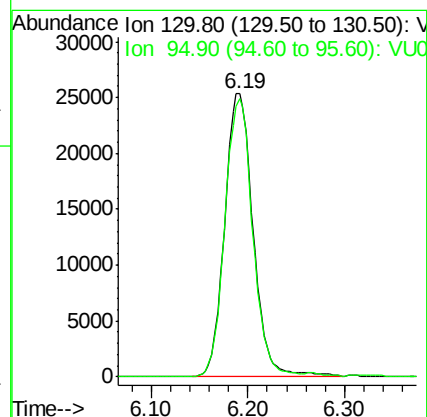
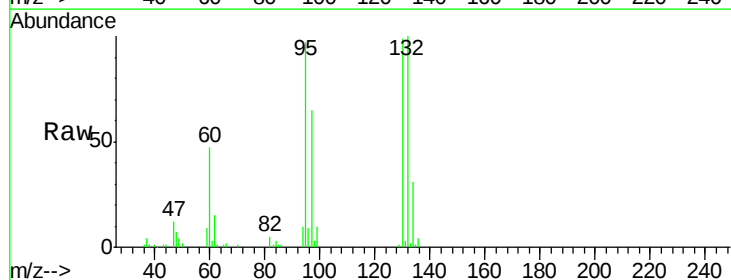
Instrument :
MSVOA_U
ClientSampled :

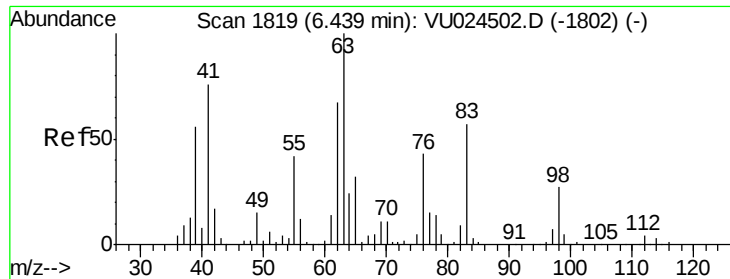
Tot Ion: 43 Resp: 120191
Ion Ratio Lower Upper
43 100
61 20.7 15.4 23.0
87 13.6 10.0 15.0



#44
Trichloroethene
Concen: 19.75 ug/l
RT: 6.19 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VU024889.D
Acq: 25 Jun 2018 20:59

Tgt Ion:130 Resp: 51906
Ion Ratio Lower Upper
130 100
95 98.1 0.0 202.4

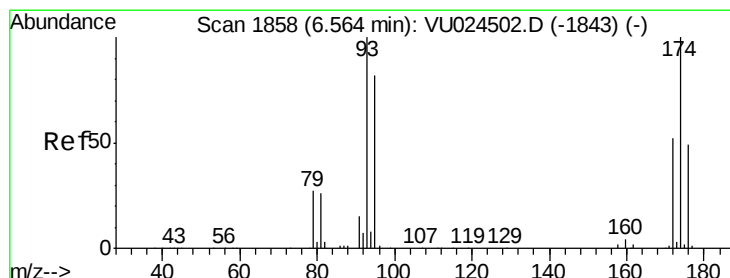
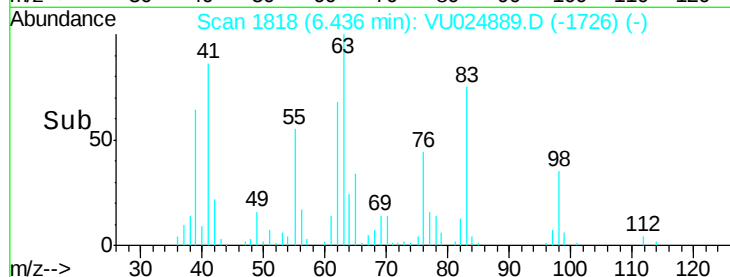
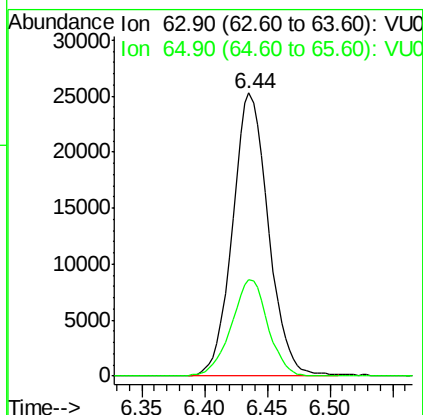
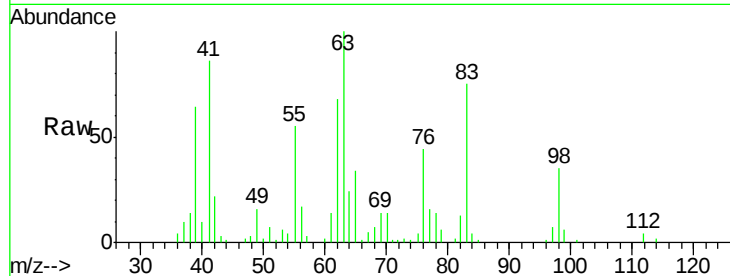




#45
 1,2-Dichloropropane
 Concen: 20.35 ug/l
 RT: 6.44 min Scan# 1818
 Delta R.T. -0.00 min
 Lab File: VU024889.D
 Acq: 25 Jun 2018 20:59

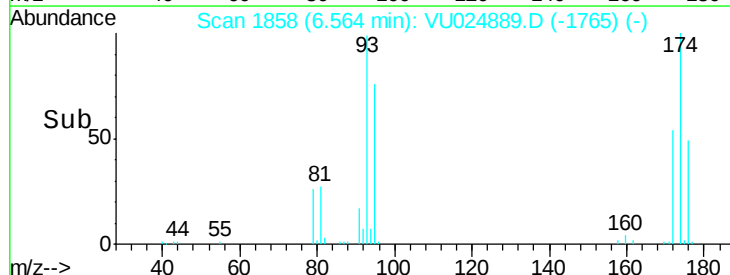
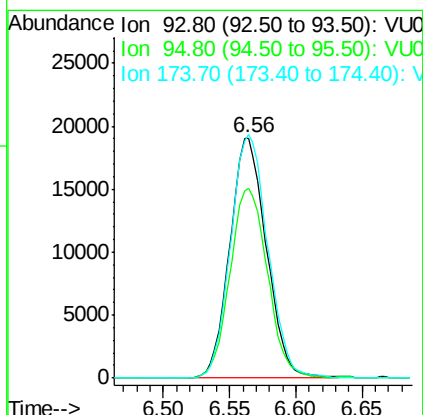
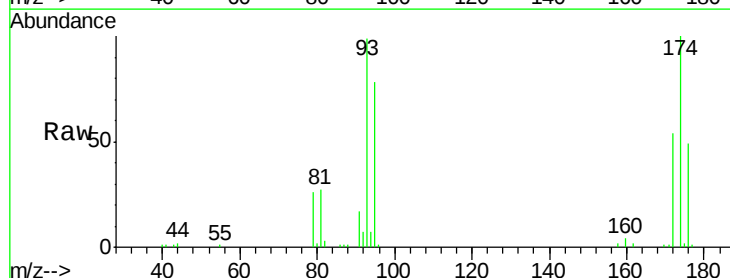
Instrument :
 MSVOA_U
 ClientSampleId :

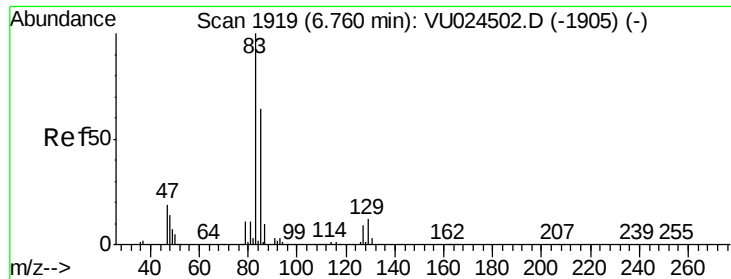
Tot Ion: 63 Resp: 50146
 Ion Ratio Lower Upper
 63 100
 65 34.1 24.8 37.2



#46
 Dibromomethane
 Concen: 21.19 ug/l
 RT: 6.56 min Scan# 1858
 Delta R.T. 0.00 min
 Lab File: VU024889.D
 Acq: 25 Jun 2018 20:59

Tgt Ion: 93 Resp: 36674
 Ion Ratio Lower Upper
 93 100
 95 80.8 65.5 98.3
 174 102.8 78.7 118.1





#47

Bromodichloromethane

Concen: 20.02 ug/l

RT: 6.76 min Scan# 1919

Delta R.T. 0.00 min

Lab File: VU024889.D

Acq: 25 Jun 2018 20:59

Instrument :
MSVOA_U
ClientSampleId :

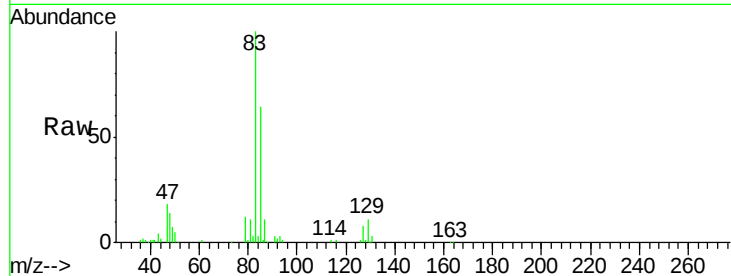
Tot Ion: 83 Resp: 69019

Ion Ratio Lower Upper

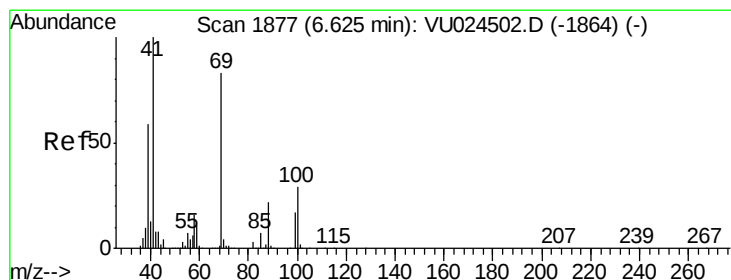
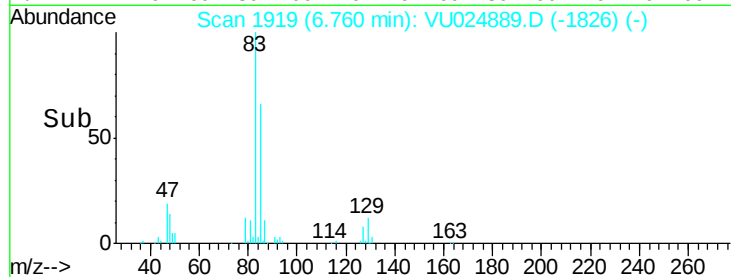
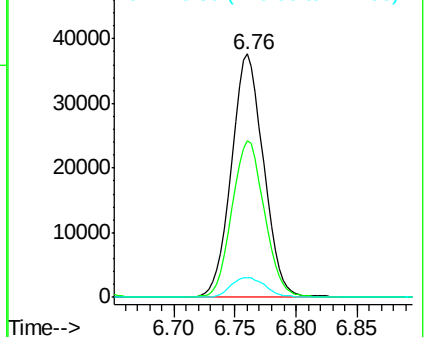
83 100

85 64.5 51.9 77.9

127 8.2 6.6 9.8



Abundance Ion 82.90 (82.60 to 83.60): VU0
Ion 84.90 (84.60 to 85.60): VU0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 20.55 ug/l

RT: 6.63 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VU024889.D

Acq: 25 Jun 2018 20:59

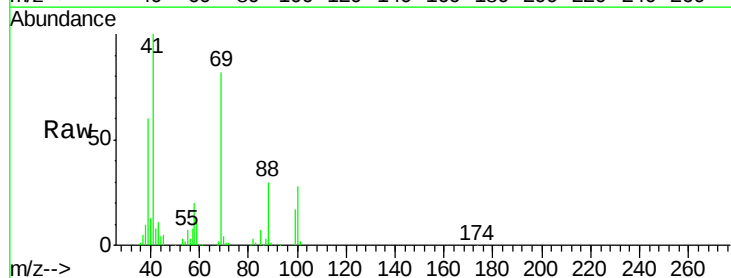
Tgt Ion: 41 Resp: 61117

Ion Ratio Lower Upper

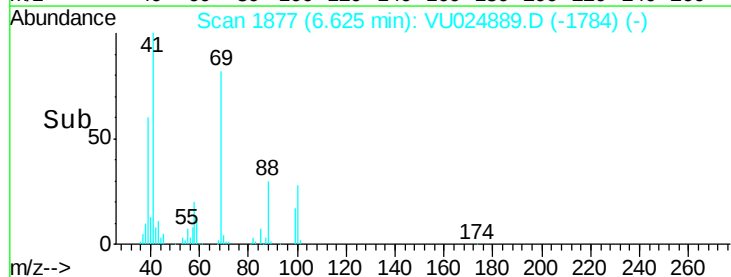
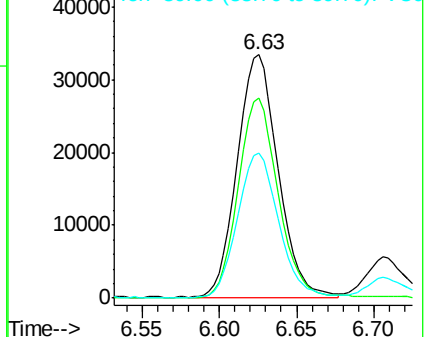
41 100

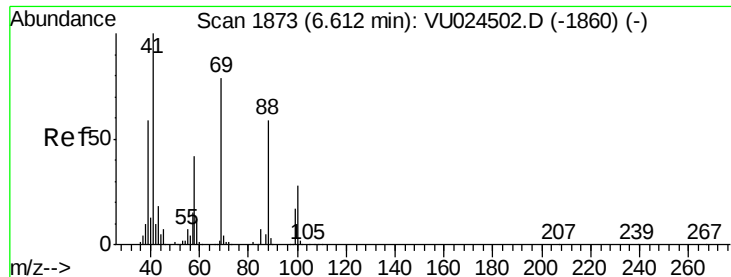
69 81.6 67.3 100.9

39 60.7 46.5 69.7



Abundance Ion 41.00 (40.70 to 41.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 39.00 (38.70 to 39.70): VU0





#49

1,4-Dioxane

Concen: 488.15 ug/l

RT: 6.62 min Scan# 1874

Delta R.T. 0.00 min

Lab File: VU024889.D

Acq: 25 Jun 2018 20:59

Instrument :
MSVOA_U
ClientSampleId :

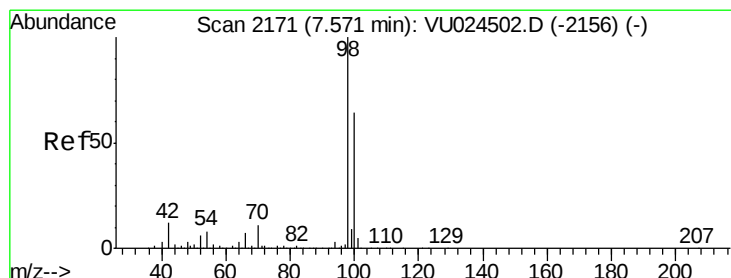
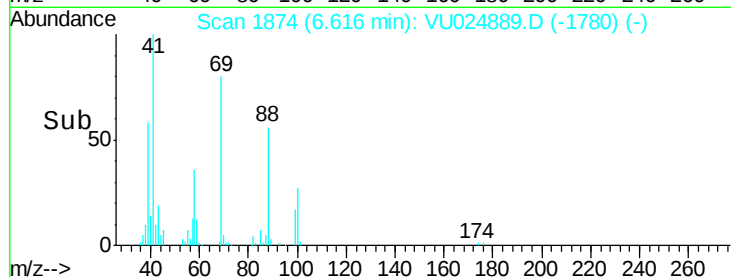
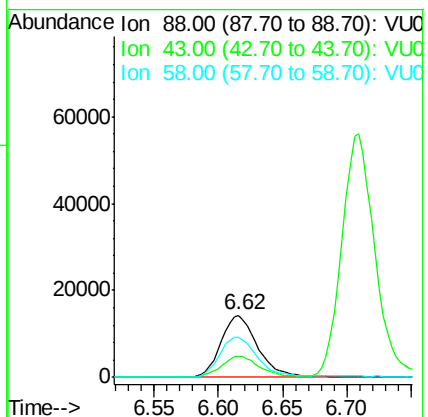
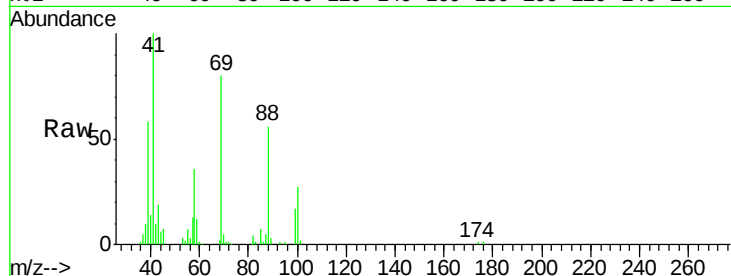
Tot Ion: 88 Resp: 28388

Ion Ratio Lower Upper

88 100

43 35.8 28.6 42.8

58 67.1 58.2 87.4



#50

Toluene-d8

Concen: 47.70 ug/l

RT: 7.57 min Scan# 2170

Delta R.T. -0.00 min

Lab File: VU024889.D

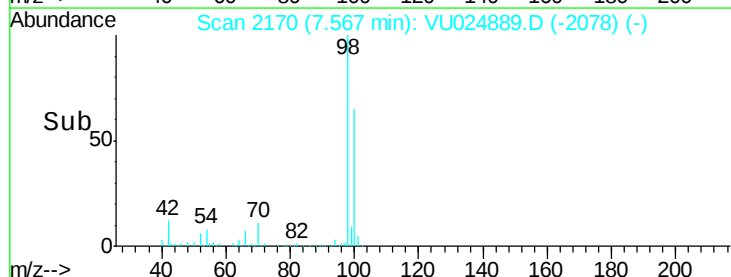
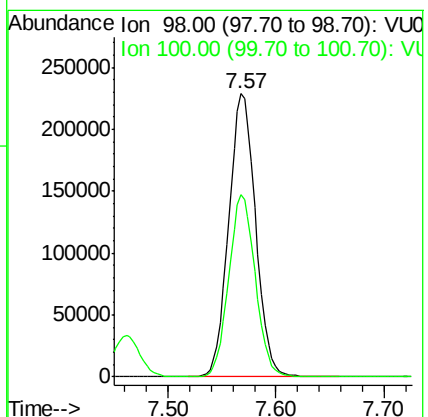
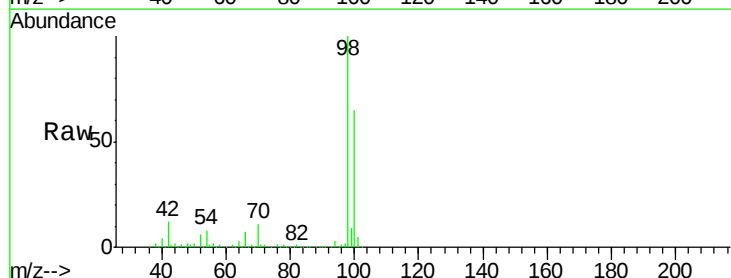
Acq: 25 Jun 2018 20:59

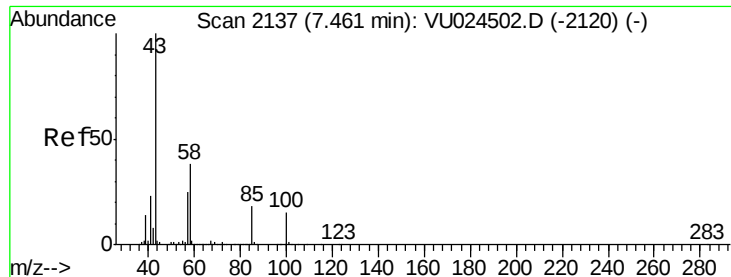
Tgt Ion: 98 Resp: 398291

Ion Ratio Lower Upper

98 100

100 63.5 51.1 76.7





#51

4-Methyl-2-Pentanone

Concen: 102.38 ug/l

RT: 7.46 min Scan# 2137

Delta R.T. 0.00 min

Lab File: VU024889.D

Acq: 25 Jun 2018 20:59

Instrument :

MSVOA_U

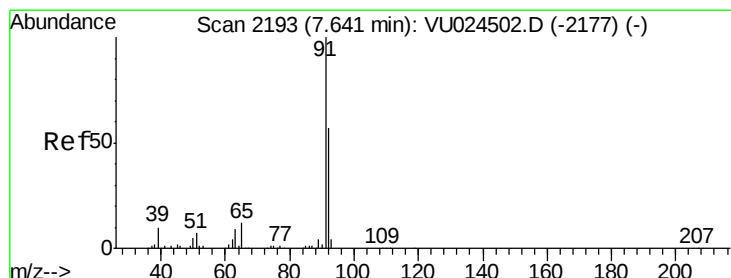
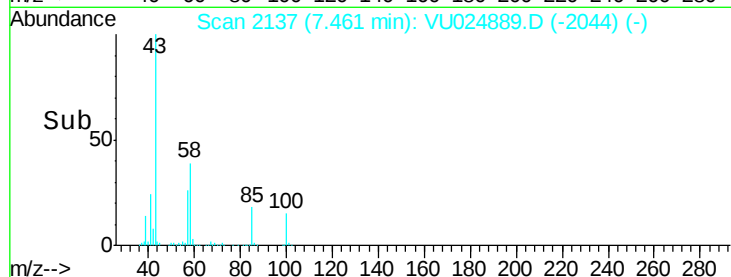
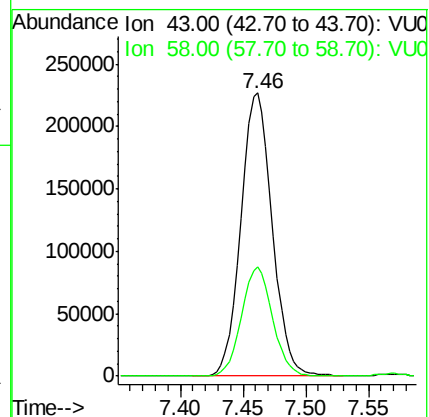
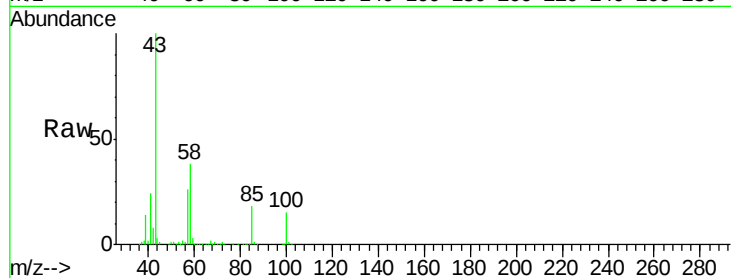
ClientSampled :

Tot Ion: 43 Resp: 392789

Ion Ratio Lower Upper

43 100

58 38.4 30.0 45.0



#52

Toluene

Concen: 19.72 ug/l

RT: 7.64 min Scan# 2193

Delta R.T. 0.00 min

Lab File: VU024889.D

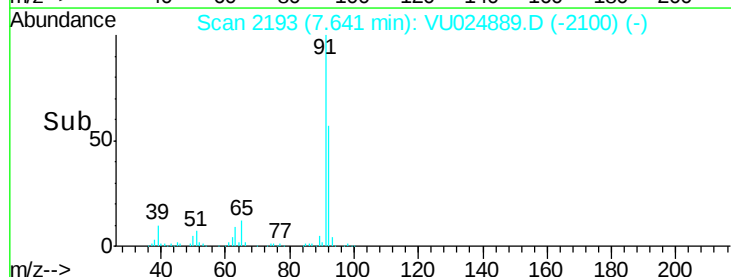
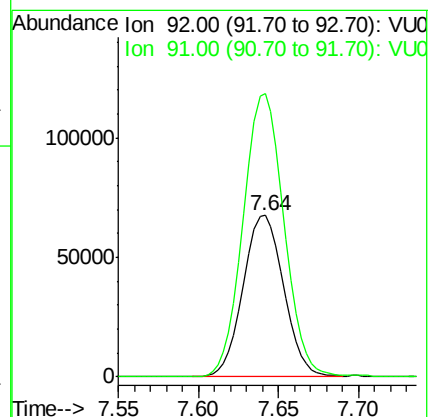
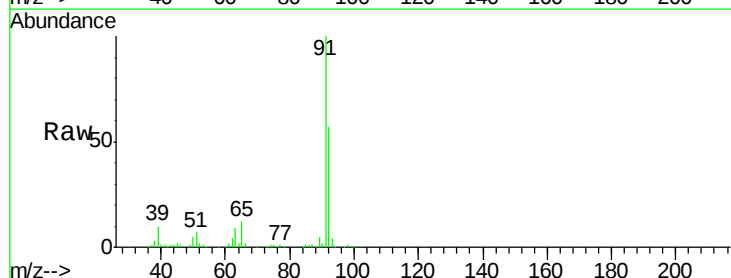
Acq: 25 Jun 2018 20:59

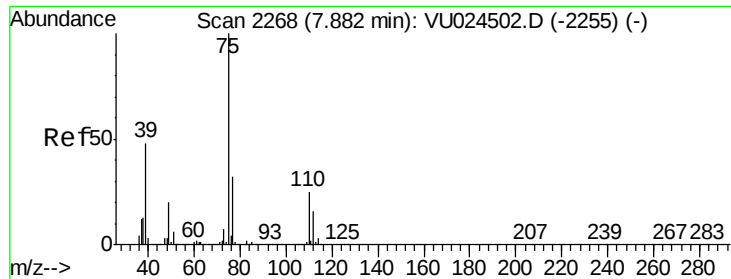
Tgt Ion: 92 Resp: 117208

Ion Ratio Lower Upper

92 100

91 177.1 140.5 210.7





#53

t-1,3-Dichloropropene

Concen: 18.96 ug/l

RT: 7.88 min Scan# 2268

Delta R.T. 0.00 min

Lab File: VU024889.D

Acq: 25 Jun 2018 20:59

Instrument :

MSVOA_U

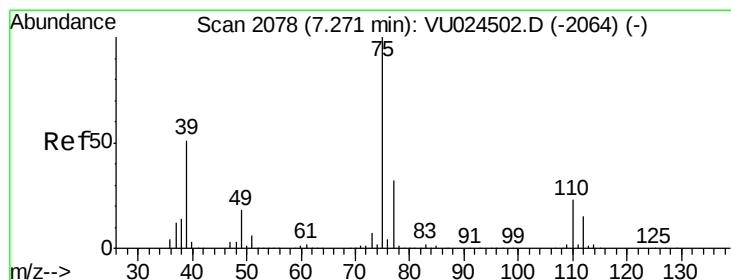
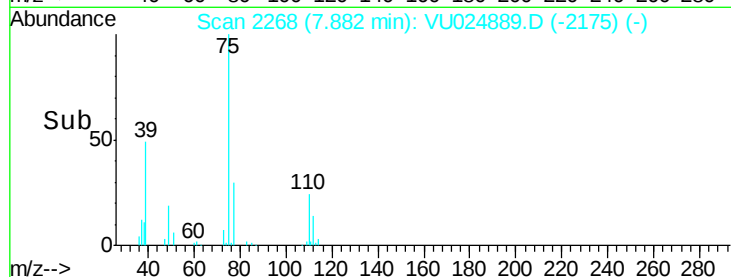
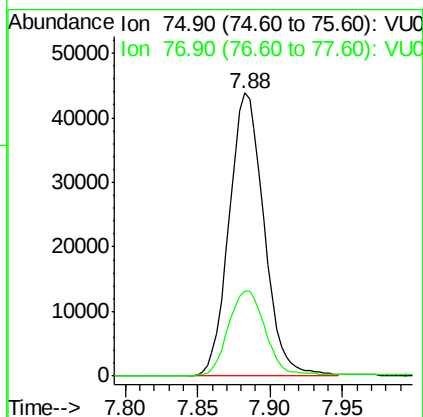
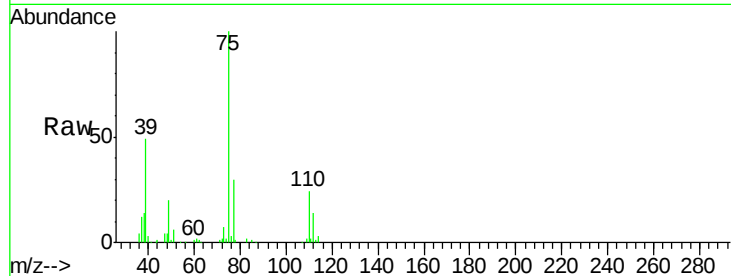
ClientSampleId :

Tot Ion: 75 Resp: 73400

Ion Ratio Lower Upper

75 100

77 29.9 24.8 37.2



#54

cis-1,3-Dichloropropene

Concen: 18.59 ug/l

RT: 7.27 min Scan# 2078

Delta R.T. 0.00 min

Lab File: VU024889.D

Acq: 25 Jun 2018 20:59

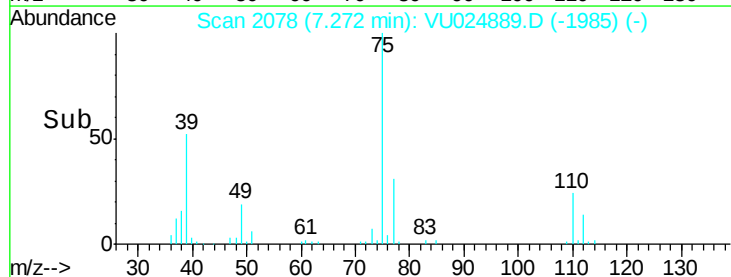
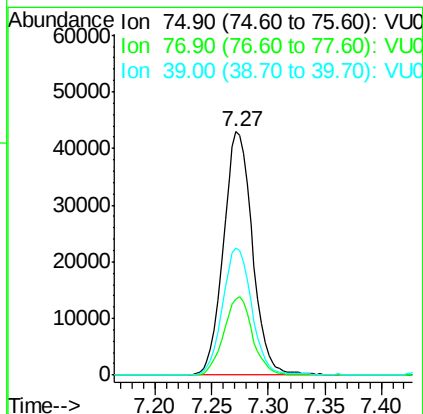
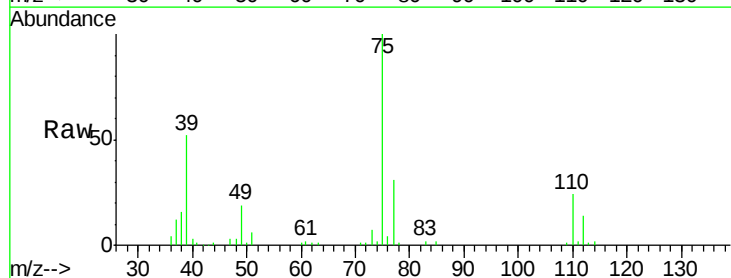
Tgt Ion: 75 Resp: 76667

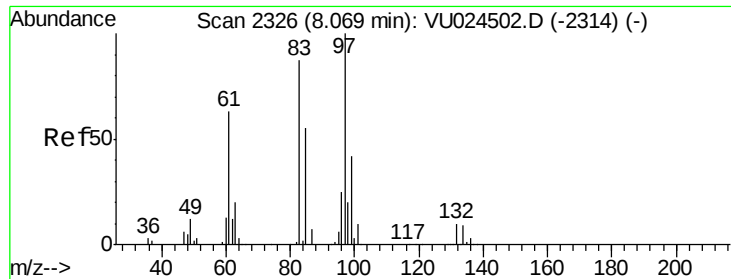
Ion Ratio Lower Upper

75 100

77 31.4 24.6 36.8

39 52.4 39.8 59.6

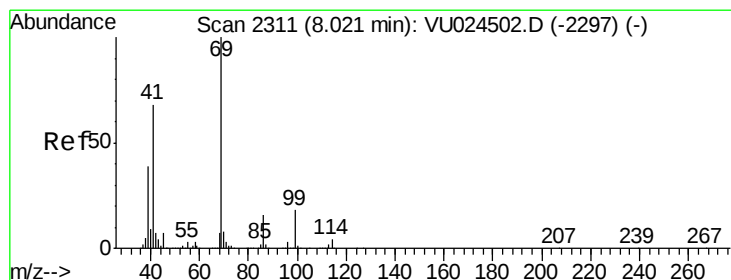
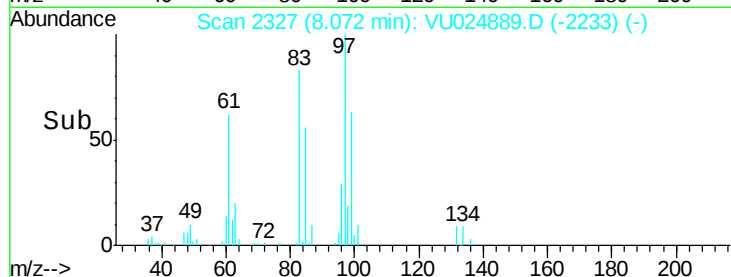
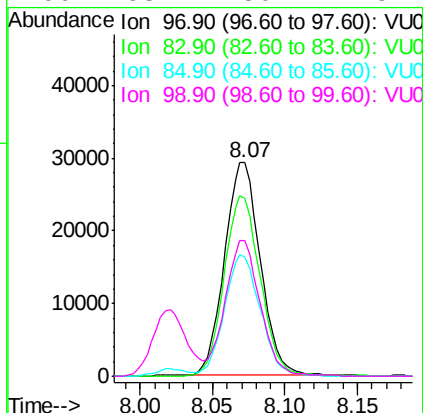
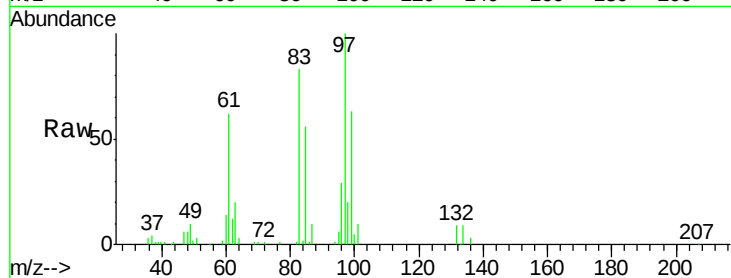




#55
 1,1,2-Trichloroethane
 Concen: 20.59 ug/l
 RT: 8.07 min Scan# 2327
 Delta R.T. 0.00 min
 Lab File: VU024889.D
 Acq: 25 Jun 2018 20:59

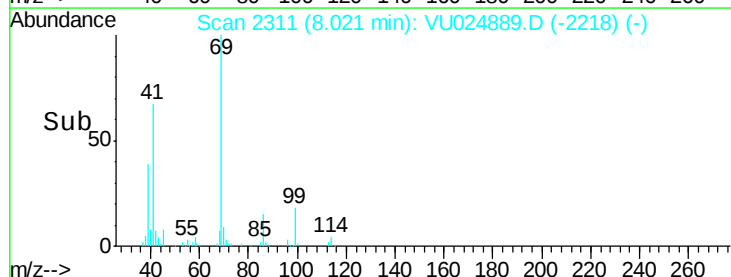
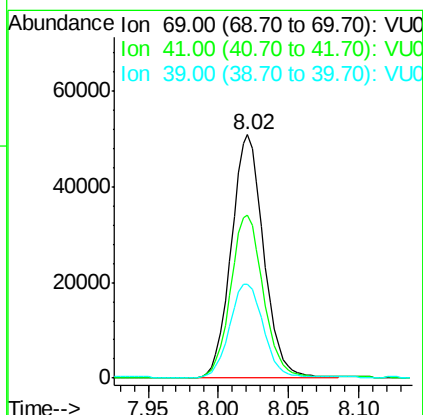
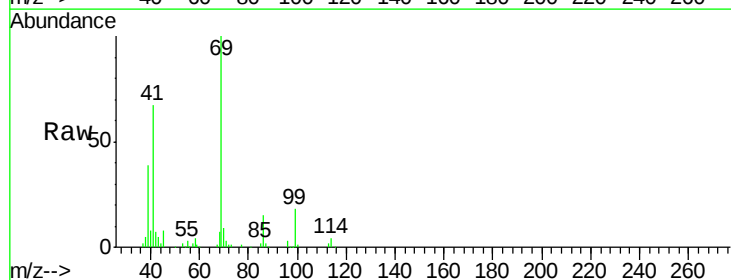
Instrument :
 MSVOA_U
 ClientSampleId :

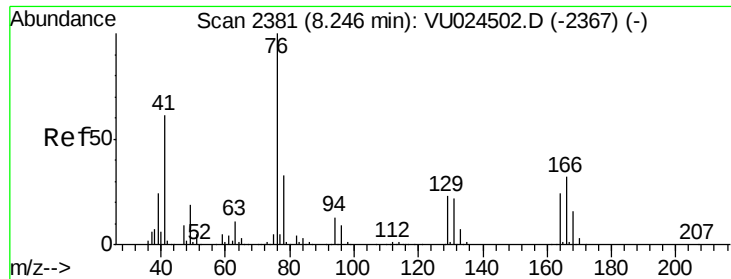
Tot Ion:	97	Resp:	49737
Ion	Ratio	Lower	Upper
97	100		
83	83.2	70.5	105.7
85	56.4	46.4	69.6
99	63.4	50.2	75.2



#56
 Ethyl methacrylate
 Concen: 20.29 ug/l
 RT: 8.02 min Scan# 2311
 Delta R.T. 0.00 min
 Lab File: VU024889.D
 Acq: 25 Jun 2018 20:59

Tgt Ion:	69	Resp:	82043
Ion	Ratio	Lower	Upper
69	100		
41	68.0	54.1	81.1
39	39.7	30.3	45.5





#57

1,3-Dichloropropane

Concen: 20.53 ug/l

RT: 8.25 min Scan# 2381

Delta R.T. 0.00 min

Lab File: VU024889.D

Acq: 25 Jun 2018 20:59

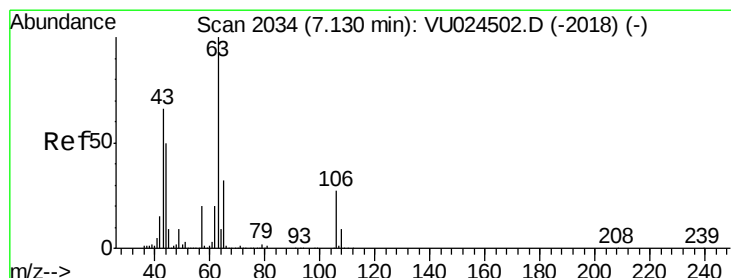
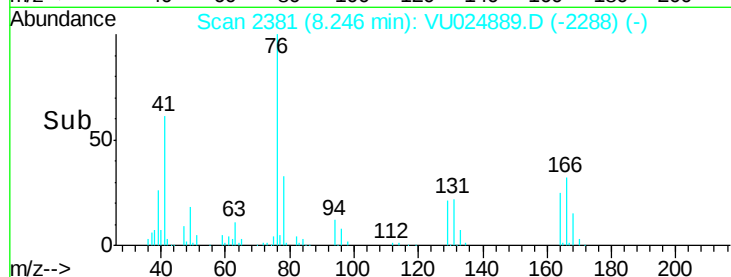
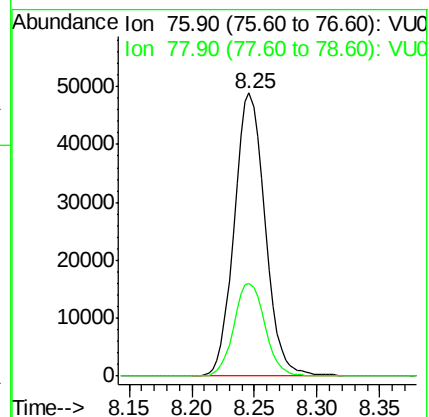
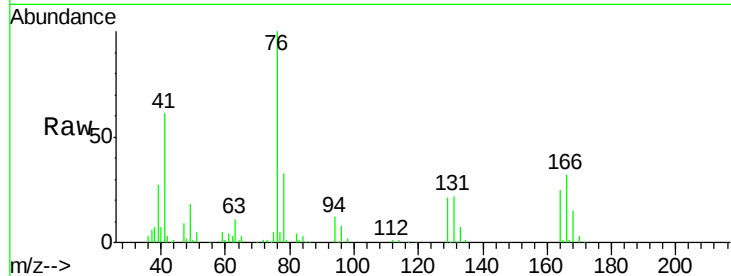
Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 76 Resp: 83675

Ion Ratio Lower Upper

76 100

78 33.0 25.2 37.8



#58

2-Chloroethyl Vinyl ether

Concen: 22.61 ug/l

RT: 7.13 min Scan# 2035

Delta R.T. 0.00 min

Lab File: VU024889.D

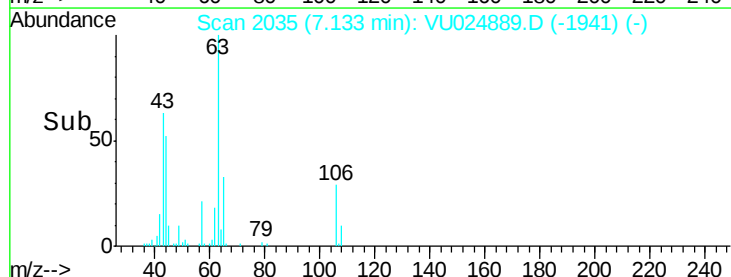
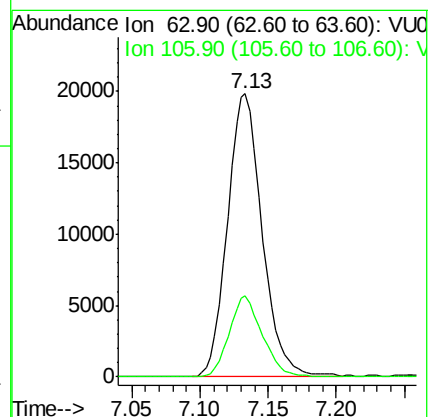
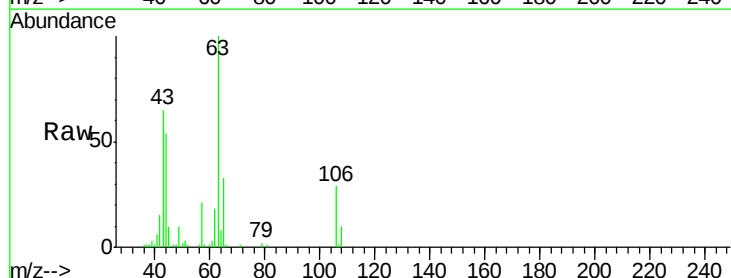
Acq: 25 Jun 2018 20:59

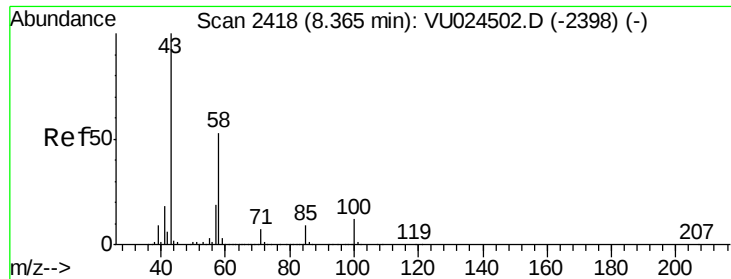
Tgt Ion: 63 Resp: 35013

Ion Ratio Lower Upper

63 100

106 27.1 20.2 30.2

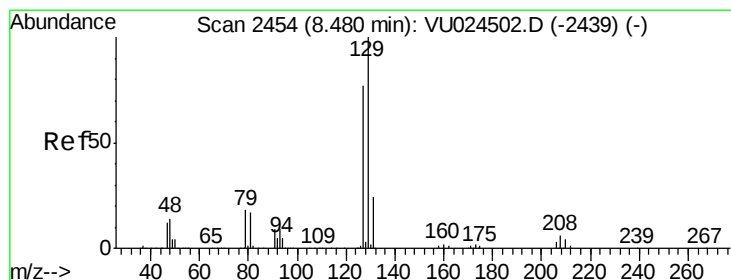
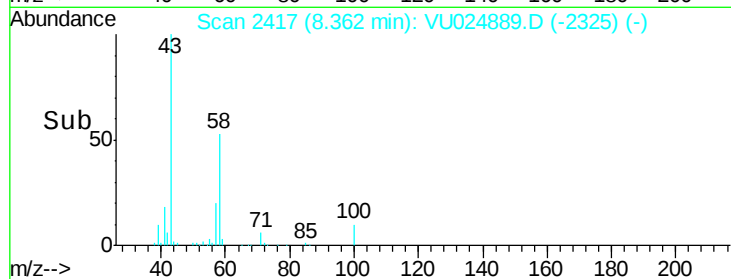
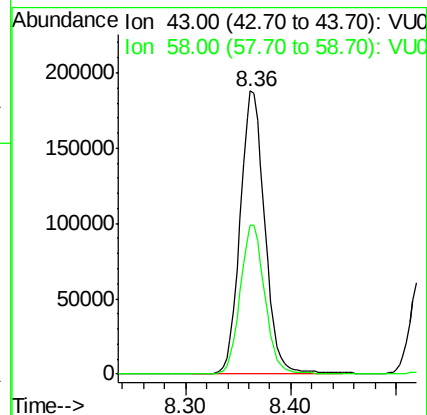
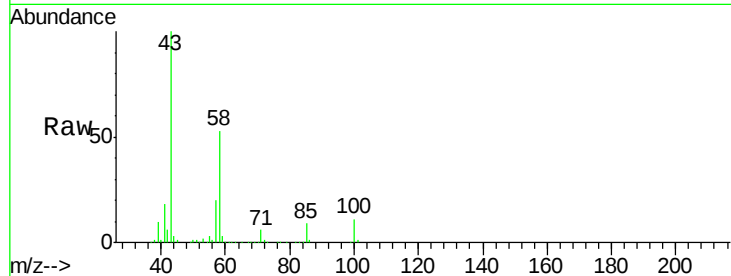




#59
2-Hexanone
Concen: 96.96 ug/l
RT: 8.36 min Scan# 2417
Delta R.T. -0.00 min
Lab File: VU024889.D
Acq: 25 Jun 2018 20:59

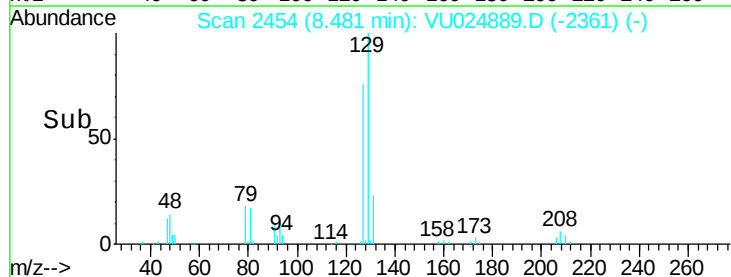
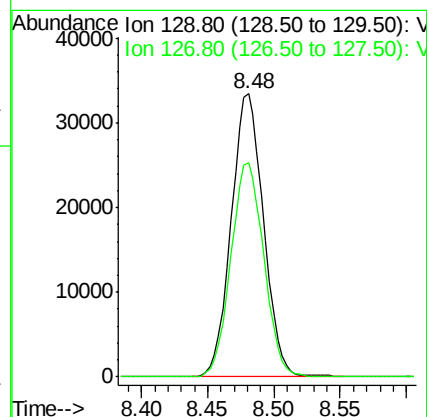
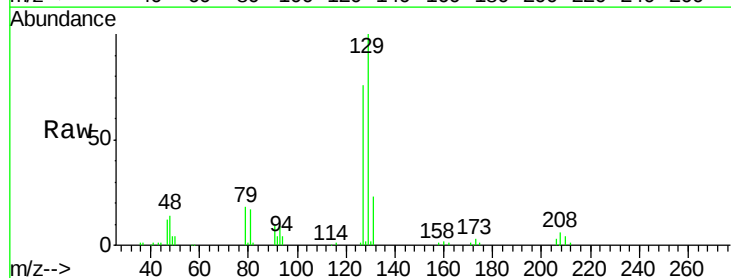
Instrument :
MSVOA_U
ClientSampleId :

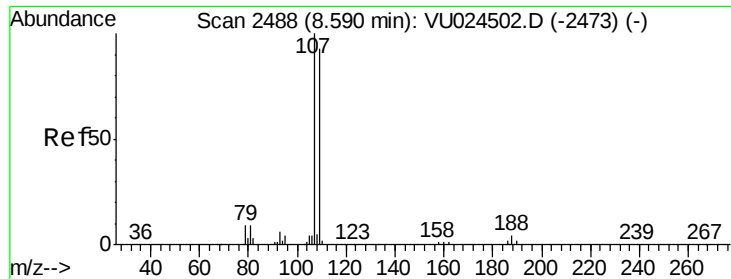
Tot Ion: 43 Resp: 303721
Ion Ratio Lower Upper
43 100
58 52.6 26.4 79.0



#60
Dibromochloromethane
Concen: 18.78 ug/l
RT: 8.48 min Scan# 2454
Delta R.T. 0.00 min
Lab File: VU024889.D
Acq: 25 Jun 2018 20:59

Tgt Ion: 129 Resp: 56579
Ion Ratio Lower Upper
129 100
127 77.1 38.6 116.0





#61

1,2-Dibromoethane

Concen: 20.83 ug/l

RT: 8.59 min Scan# 2488

Delta R.T. 0.00 min

Lab File: VU024889.D

Acq: 25 Jun 2018 20:59

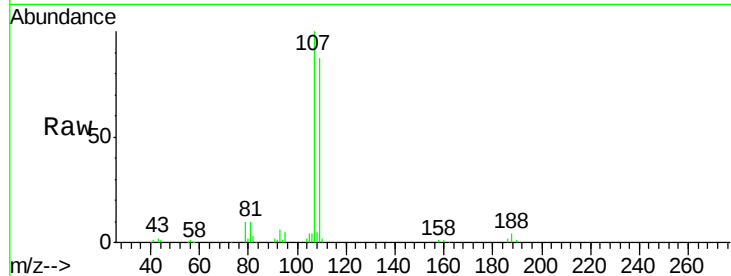
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:107 Resp: 55989

Ion Ratio Lower Upper

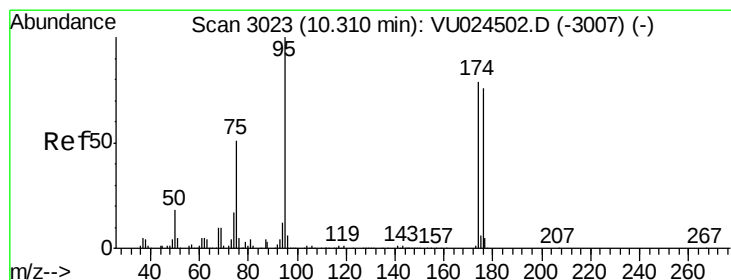
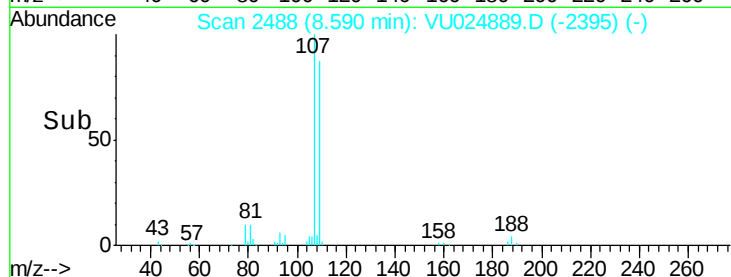
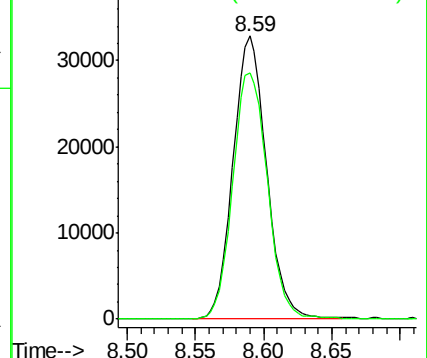
107 100

109 90.4 74.5 111.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 47.02 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. 0.00 min

Lab File: VU024889.D

Acq: 25 Jun 2018 20:59

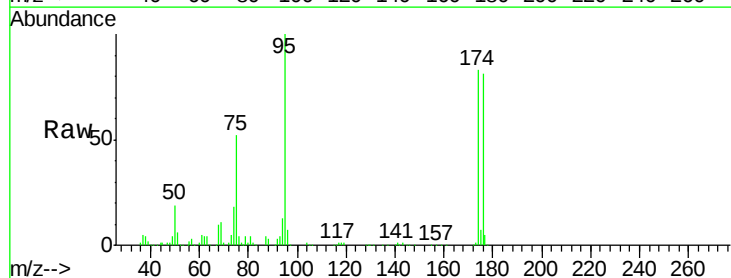
Tgt Ion: 95 Resp: 155887

Ion Ratio Lower Upper

95 100

174 83.7 0.0 165.8

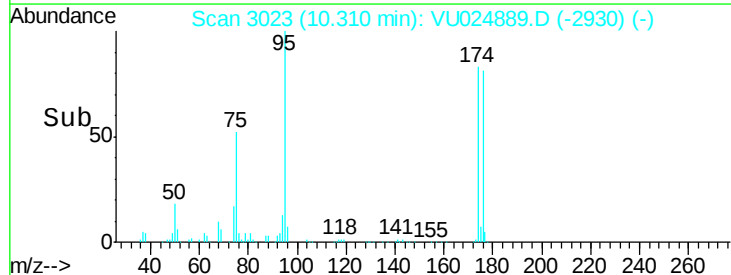
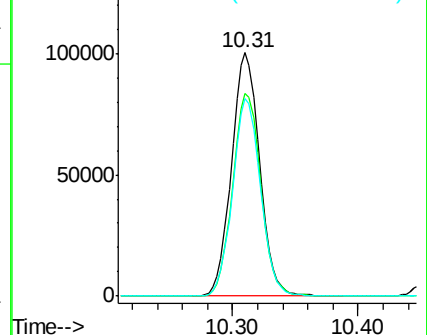
176 80.9 0.0 159.4

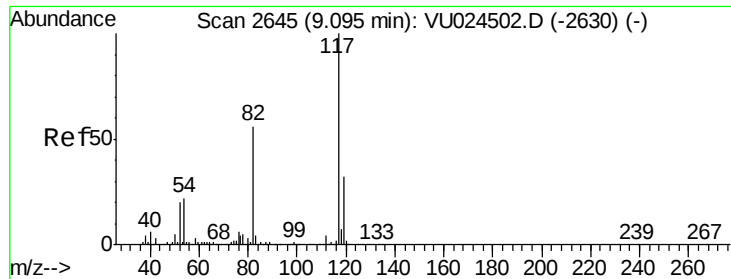


Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

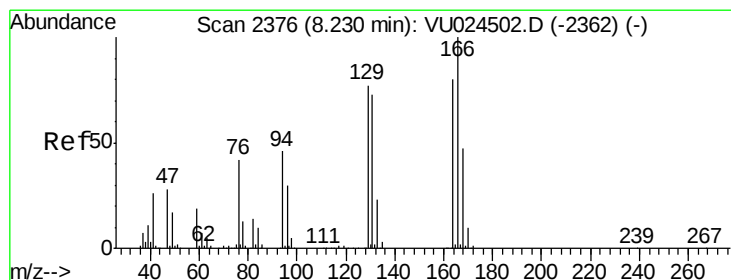
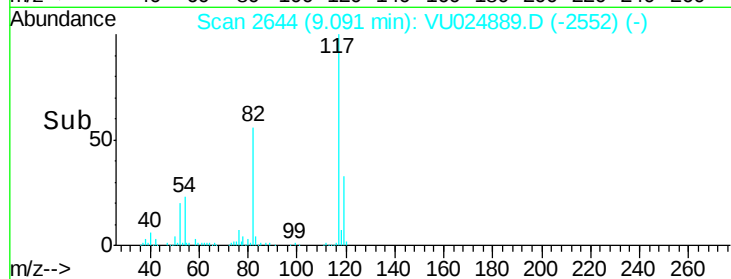
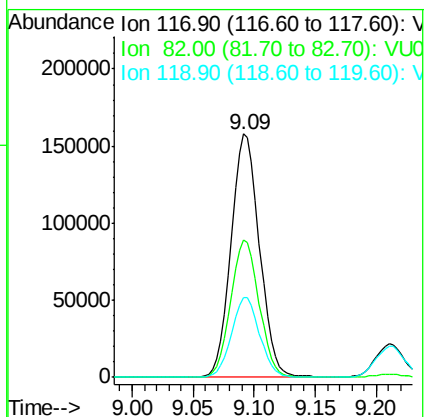
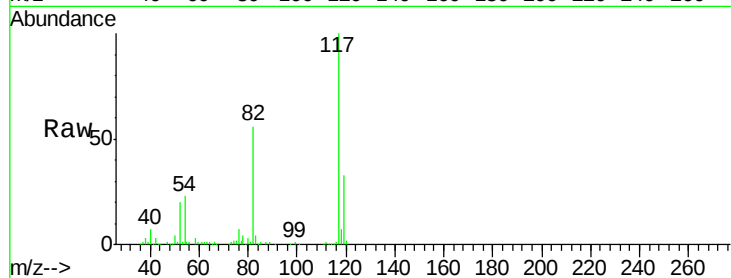




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2644
Delta R.T. -0.00 min
Lab File: VU024889.D
Acq: 25 Jun 2018 20:59

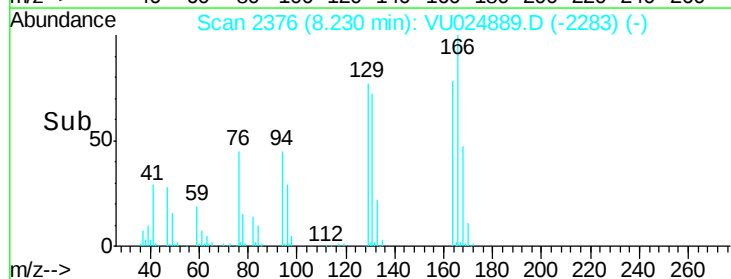
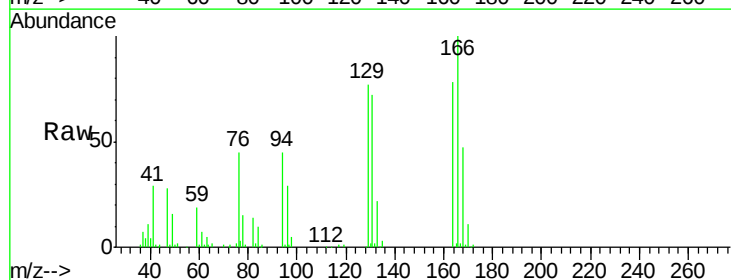
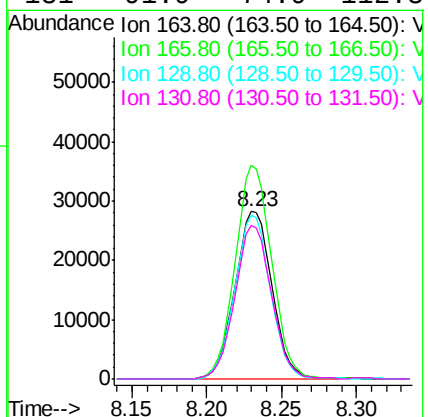
Instrument :
MSVOA_U
ClientSampleId :

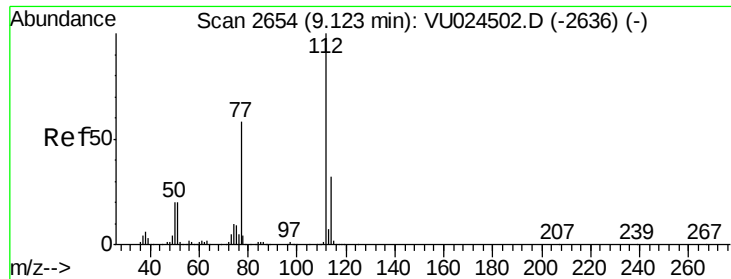
Tot Ion	Ratio	Lower	Upper
117	100		
82	56.3	44.3	66.5
119	32.6	25.4	38.2



#64
Tetrachloroethene
Concen: 19.94 ug/l
RT: 8.23 min Scan# 2376
Delta R.T. 0.00 min
Lab File: VU024889.D
Acq: 25 Jun 2018 20:59

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.7	101.7	152.5
129	98.1	76.9	115.3
131	91.9	74.9	112.3

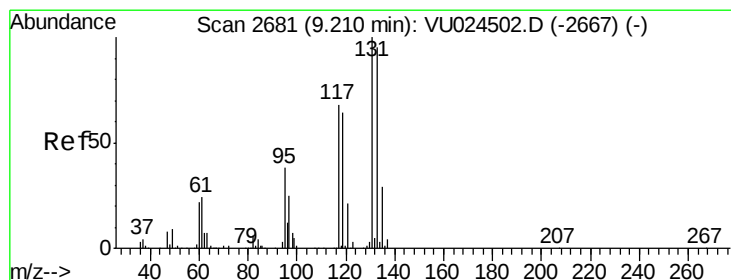
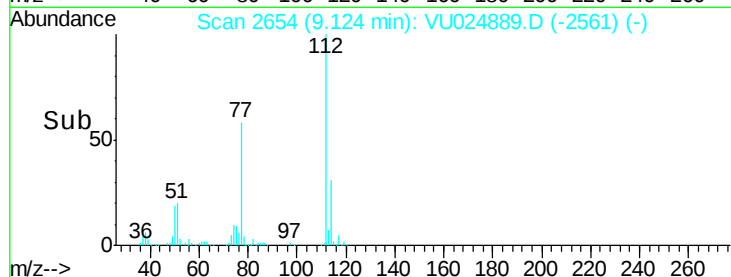
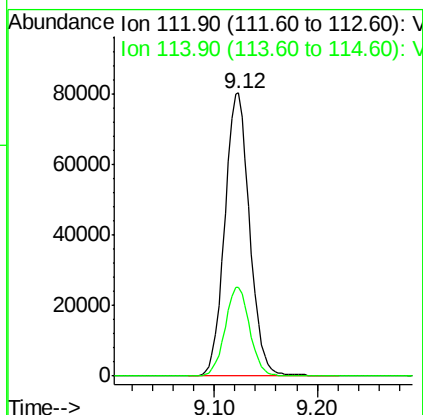
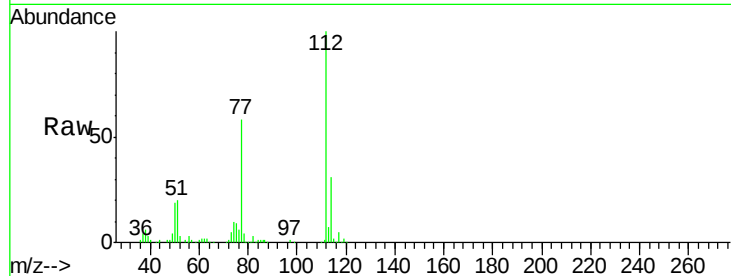




#65
Chlorobenzene
Concen: 20.54 ug/l
RT: 9.12 min Scan# 2654
Delta R.T. 0.00 min
Lab File: VU024889.D
Acq: 25 Jun 2018 20:59

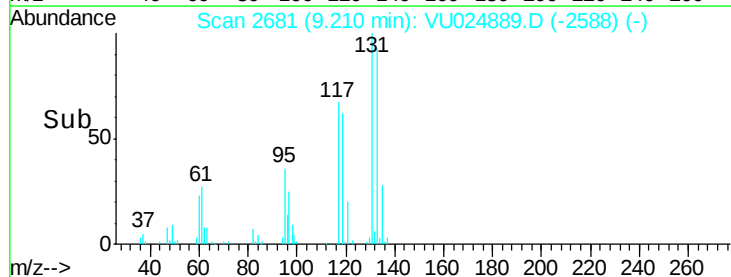
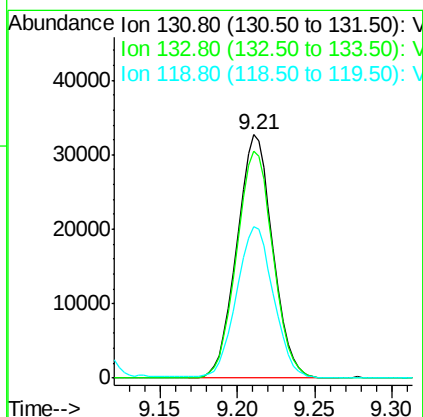
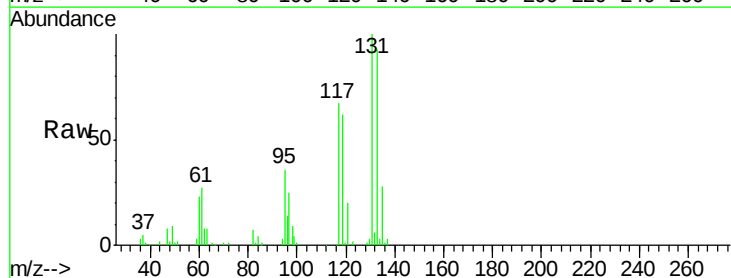
Instrument :
MSVOA_U
ClientSampleId :

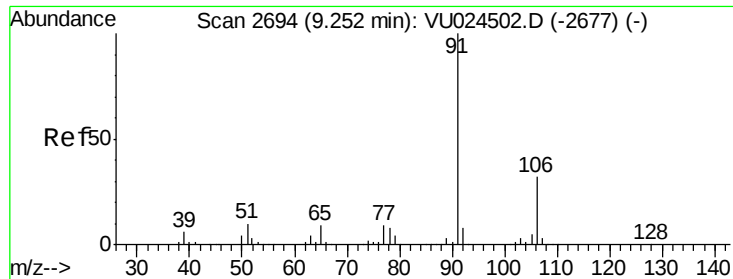
Tot Ion:112 Resp: 134784
Ion Ratio Lower Upper
112 100
114 31.4 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 21.12 ug/l
RT: 9.21 min Scan# 2681
Delta R.T. 0.00 min
Lab File: VU024889.D
Acq: 25 Jun 2018 20:59

Tgt Ion:131 Resp: 52655
Ion Ratio Lower Upper
131 100
133 94.8 46.9 140.8
119 64.3 33.5 100.4

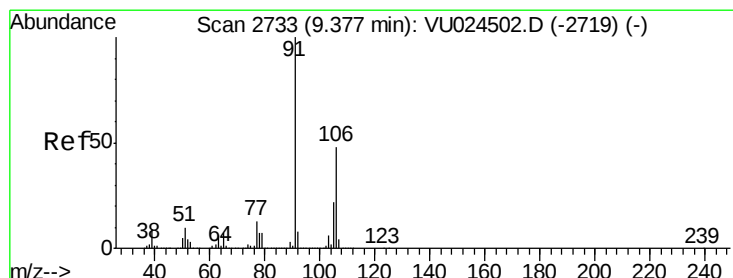
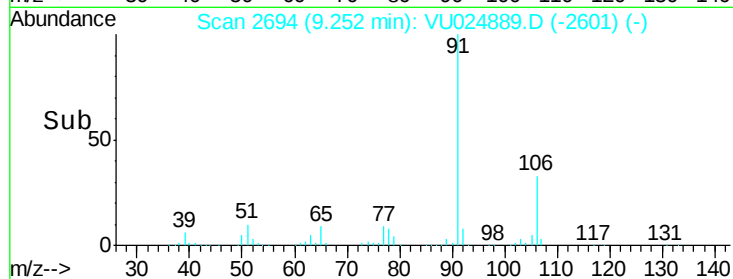
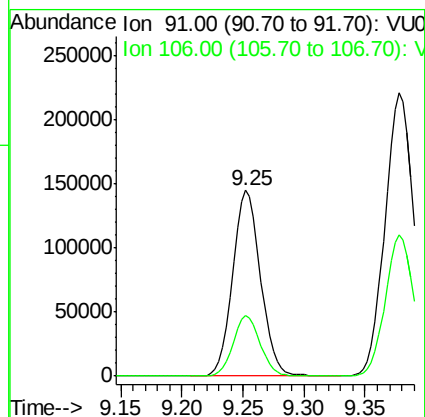
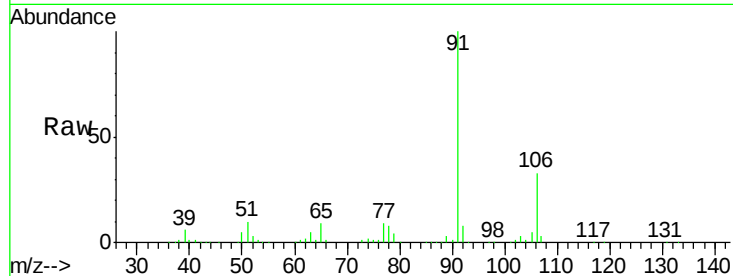




#67
Ethyl Benzene
Concen: 20.07 ug/l
RT: 9.25 min Scan# 2694
Delta R.T. 0.00 min
Lab File: VU024889.D
Acq: 25 Jun 2018 20:59

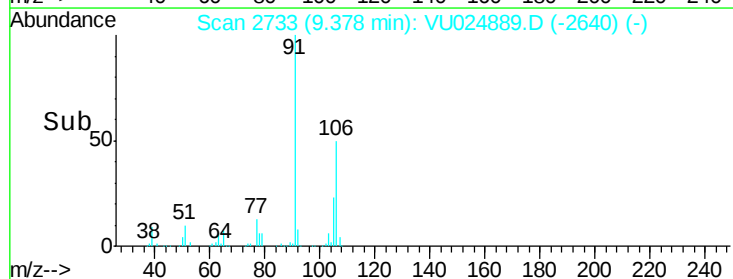
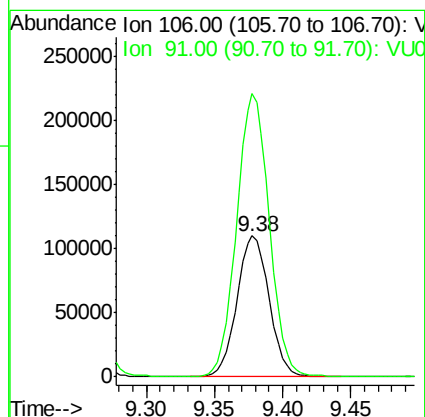
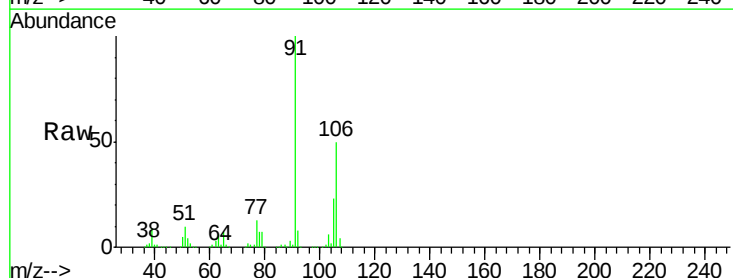
Instrument :
MSVOA_U
ClientSampled :

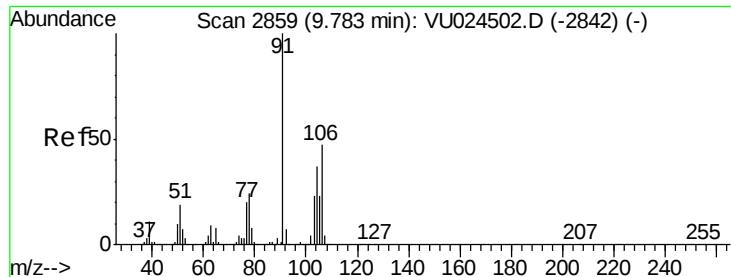
Tot Ion: 91 Resp: 230934
Ion Ratio Lower Upper
91 100
106 32.9 24.2 36.4



#68
m/p-Xylenes
Concen: 40.90 ug/l
RT: 9.38 min Scan# 2733
Delta R.T. 0.00 min
Lab File: VU024889.D
Acq: 25 Jun 2018 20:59

Tgt Ion: 106 Resp: 180702
Ion Ratio Lower Upper
106 100
91 202.6 166.5 249.7

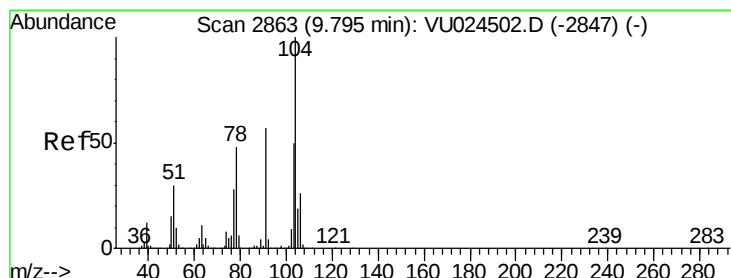
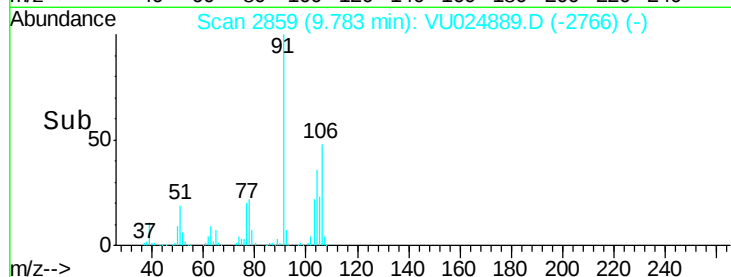
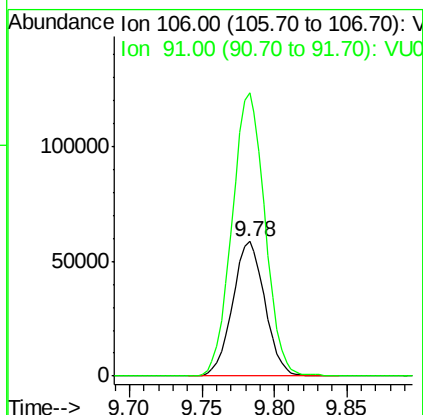
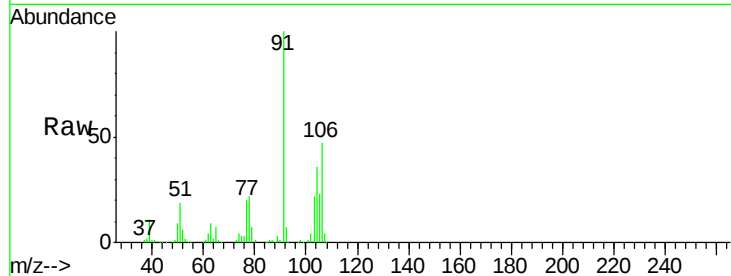




#69
o-Xylene
Concen: 20.73 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. 0.00 min
Lab File: VU024889.D
Acq: 25 Jun 2018 20:59

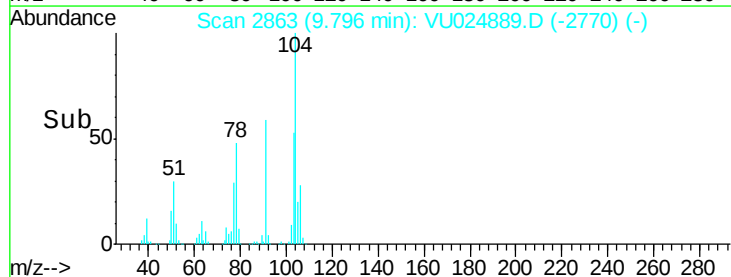
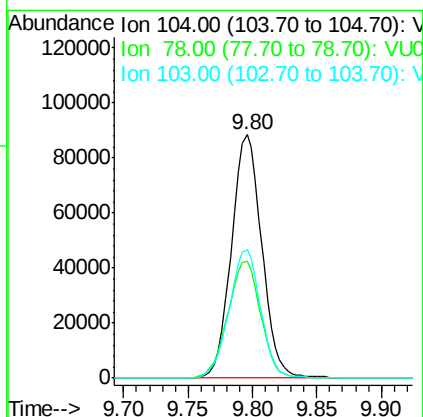
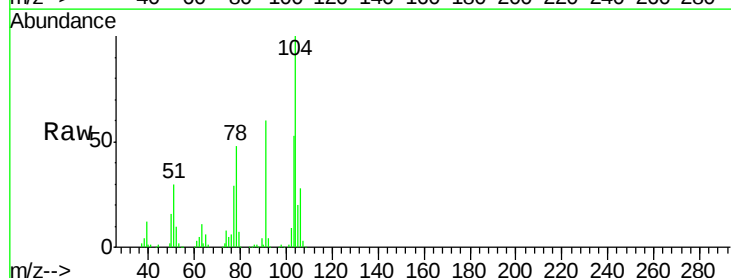
Instrument :
MSVOA_U
ClientSampleId :

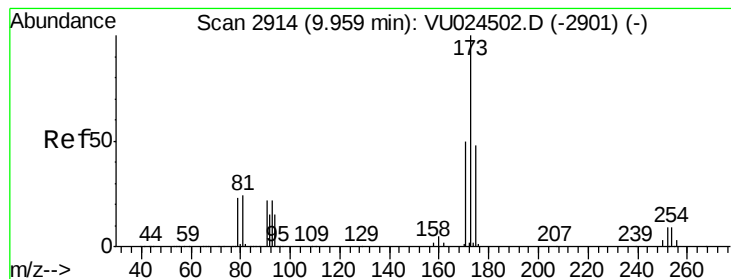
Tot Ion:106 Resp: 90663
Ion Ratio Lower Upper
106 100
91 214.4 110.7 331.9



#70
Styrene
Concen: 20.14 ug/l
RT: 9.80 min Scan# 2863
Delta R.T. 0.00 min
Lab File: VU024889.D
Acq: 25 Jun 2018 20:59

Tgt Ion:104 Resp: 144726
Ion Ratio Lower Upper
104 100
78 52.0 40.6 60.8
103 54.9 44.7 67.1





#71

Bromoform

Concen: 18.42 ug/l

RT: 9.96 min Scan# 2915

Delta R.T. 0.00 min

Lab File: VU024889.D

Acq: 25 Jun 2018 20:59

Instrument :
MSVOA_U
ClientSampleId :

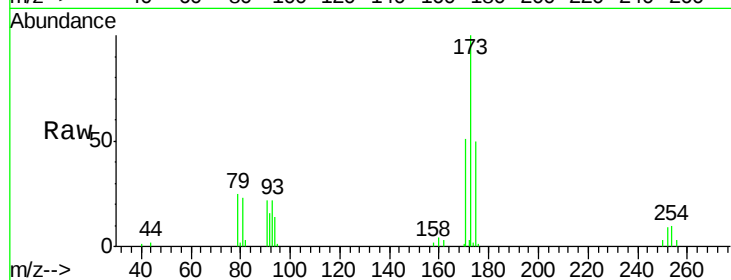
Tot Ion:173 Resp: 43667

Ion Ratio Lower Upper

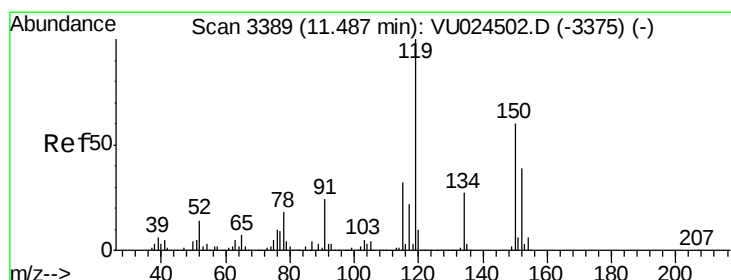
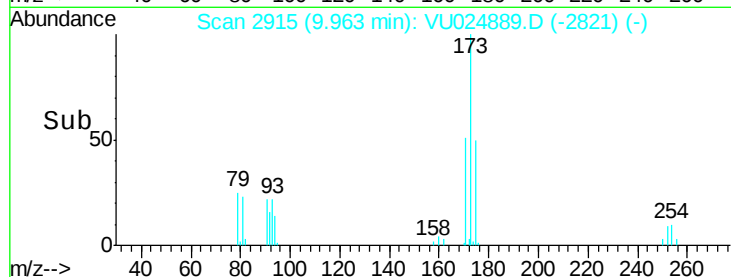
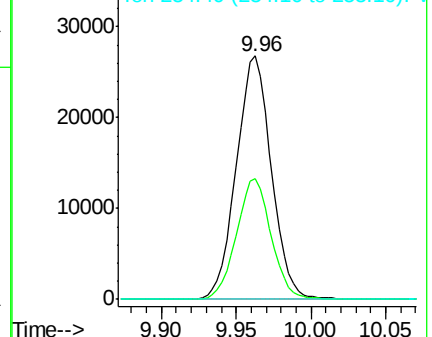
173 100

175 49.0 24.6 74.0

254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 11.49 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VU024889.D

Acq: 25 Jun 2018 20:59

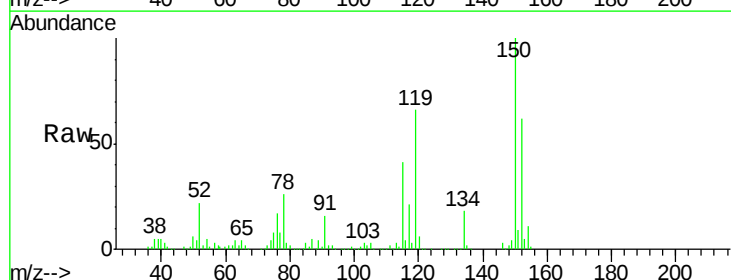
Tgt Ion:152 Resp: 147010

Ion Ratio Lower Upper

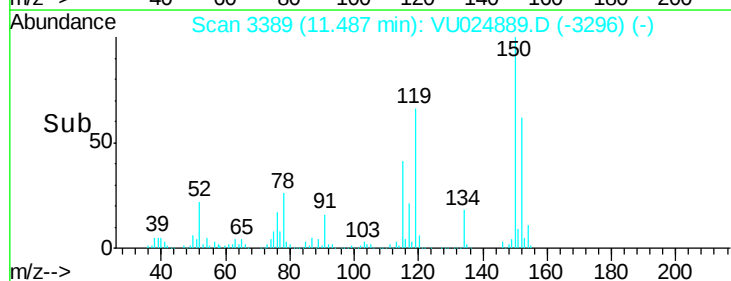
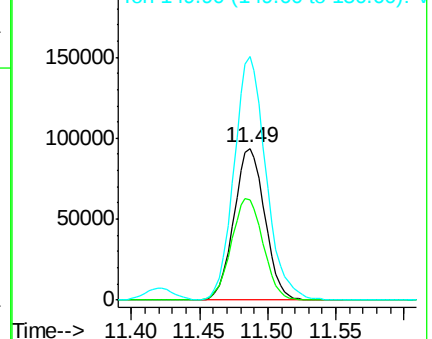
152 100

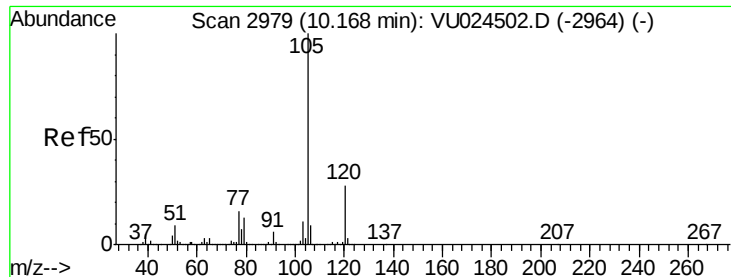
115 69.5 43.0 129.0

150 165.7 0.0 354.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.18 ug/l

RT: 10.17 min Scan# 2979

Delta R.T. 0.00 min

Lab File: VU024889.D

Acq: 25 Jun 2018 20:59

Instrument :

MSVOA_U

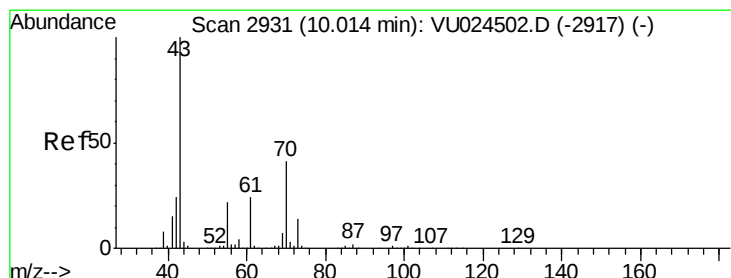
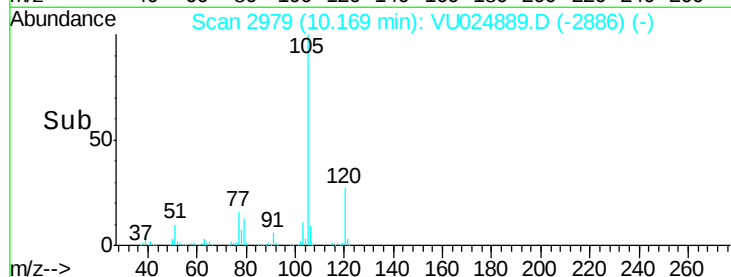
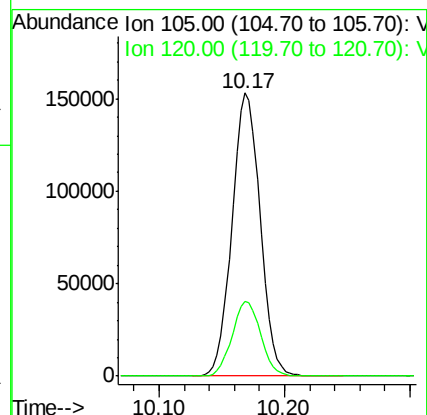
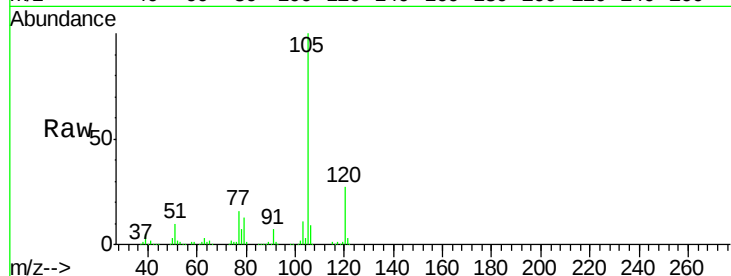
ClientSampleId :

Tot Ion:105 Resp: 239041

Ion Ratio Lower Upper

105 100

120 26.8 13.2 39.6



#74

N-ethyl acetate

Concen: 19.88 ug/l

RT: 10.01 min Scan# 2931

Delta R.T. 0.00 min

Lab File: VU024889.D

Acq: 25 Jun 2018 20:59

Tgt Ion: 43 Resp: 106726

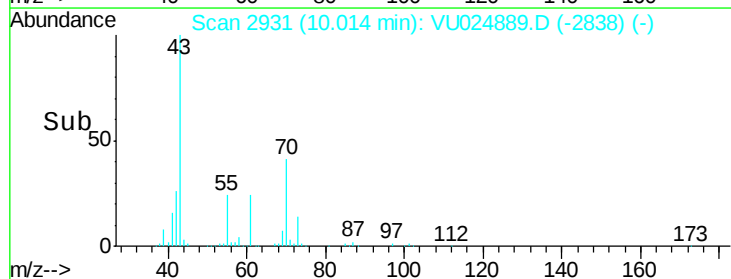
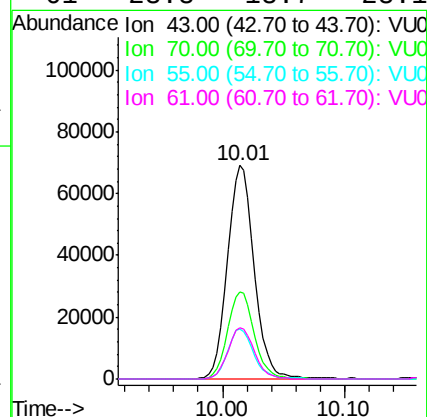
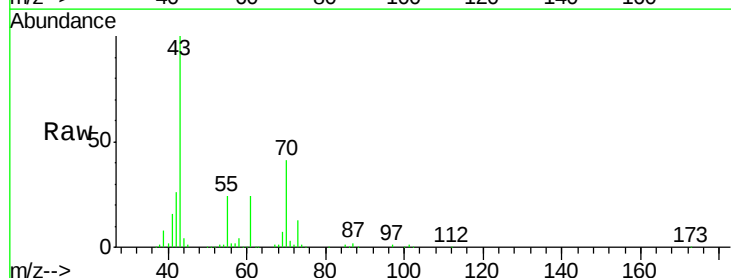
Ion Ratio Lower Upper

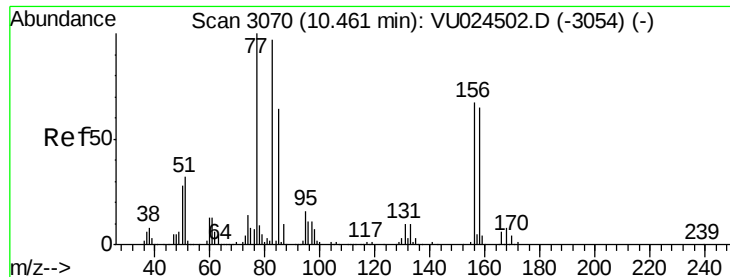
43 100

70 40.7 32.2 48.4

55 23.2 20.5 30.7

61 23.8 18.7 28.1





#75

1,1,2,2-Tetrachloroethane

Concen: 22.36 ug/l

RT: 10.46 min Scan# 3070

Delta R.T. 0.00 min

Lab File: VU024889.D

Acq: 25 Jun 2018 20:59

Instrument :

MSVOA_U

ClientSampleId :

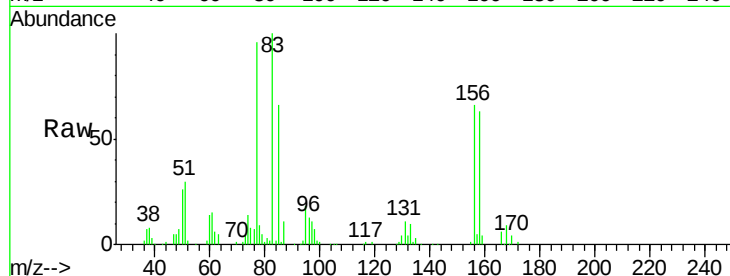
Tot Ion: 83 Resp: 84578

Ion Ratio Lower Upper

83 100

131 10.4 4.7 14.1

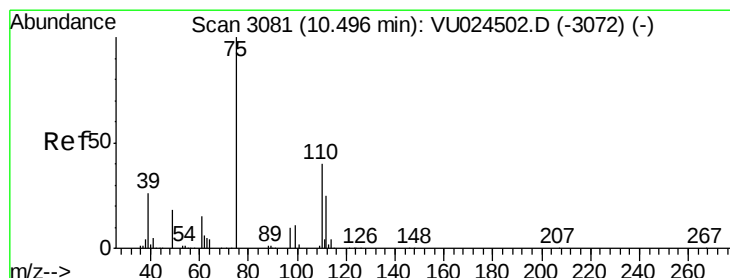
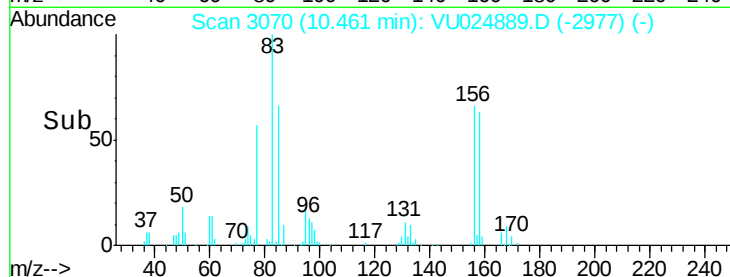
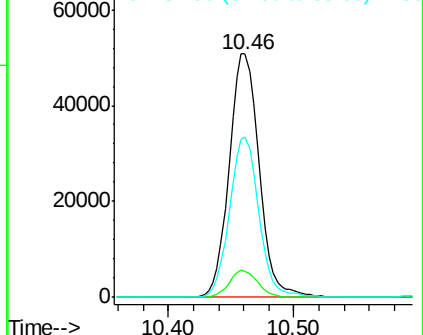
85 64.3 32.5 97.5



Abundance Ion 82.90 (82.60 to 83.60): VU0

Ion 130.80 (130.50 to 131.50): VU0

Ion 84.90 (84.60 to 85.60): VU0



#76

1,2,3-Trichloropropane

Concen: 29.57 ug/l

RT: 10.50 min Scan# 3081

Delta R.T. 0.00 min

Lab File: VU024889.D

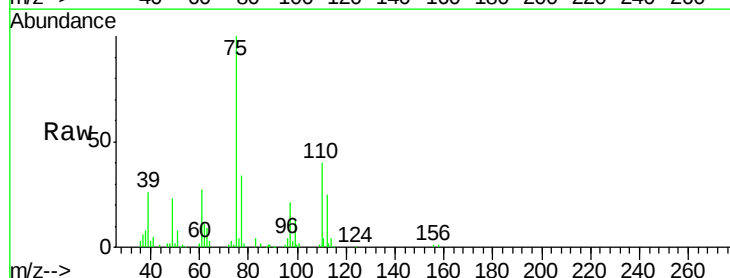
Acq: 25 Jun 2018 20:59

Tgt Ion: 75 Resp: 95720

Ion Ratio Lower Upper

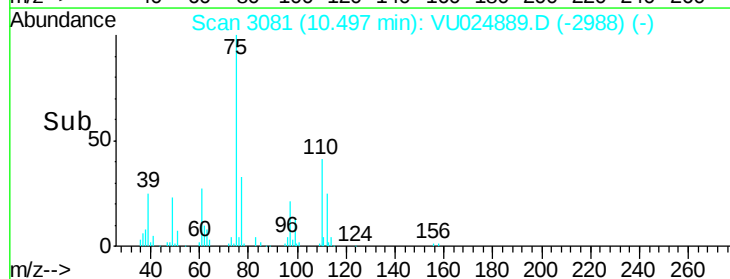
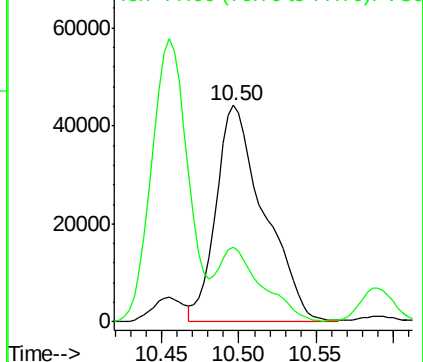
75 100

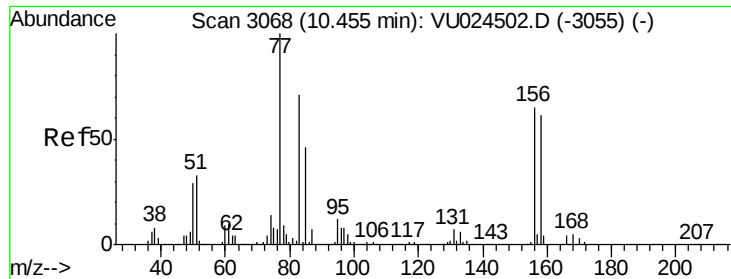
77 29.9 20.9 62.7



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 77.00 (76.70 to 77.70): VU0





#77

Bromobenzene

Concen: 21.47 ug/l

RT: 10.46 min Scan# 3069

Delta R.T. 0.00 min

Lab File: VU024889.D

Acq: 25 Jun 2018 20:59

Instrument :

MSVOA_U

ClientSampled :

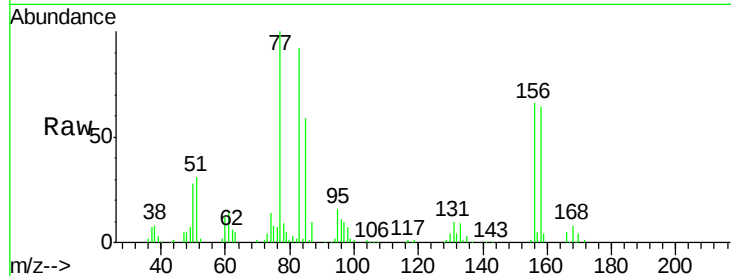
Tot Ion:156 Resp: 61350

Ion Ratio Lower Upper

156 100

77 153.7 80.5 241.3

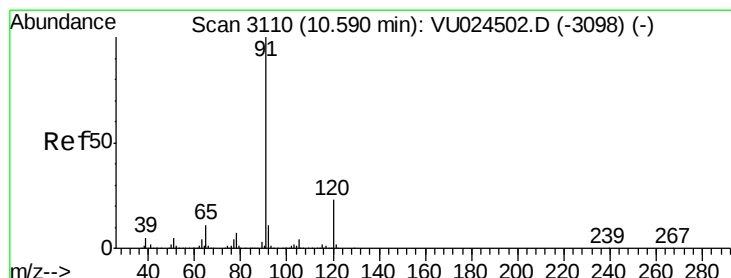
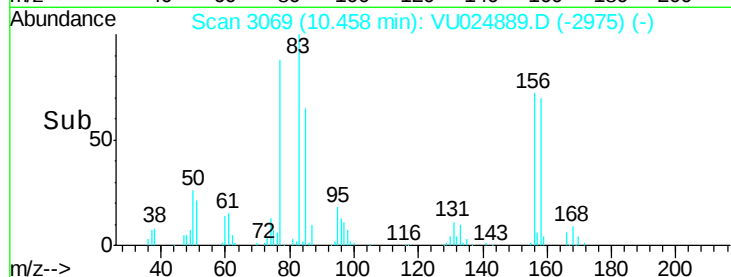
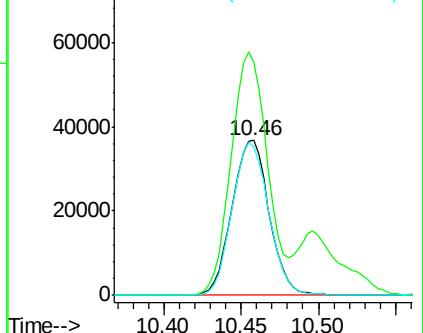
158 97.5 48.2 144.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VU0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.23 ug/l

RT: 10.59 min Scan# 3110

Delta R.T. 0.00 min

Lab File: VU024889.D

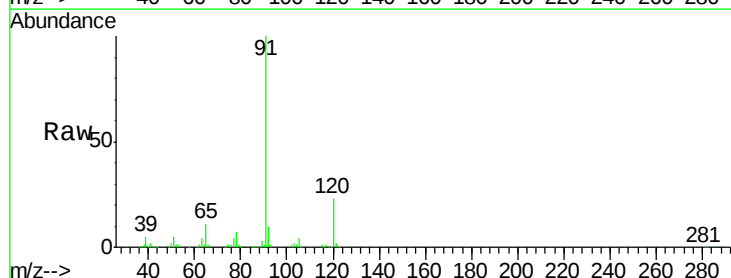
Acq: 25 Jun 2018 20:59

Tgt Ion: 91 Resp: 269011

Ion Ratio Lower Upper

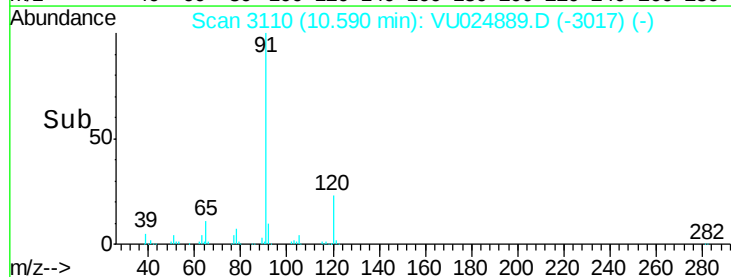
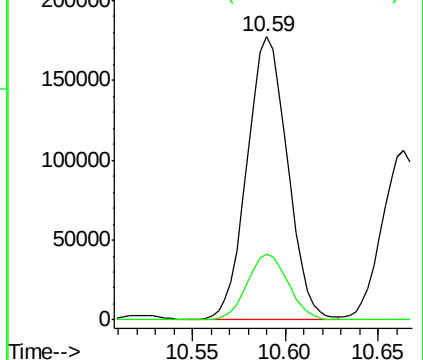
91 100

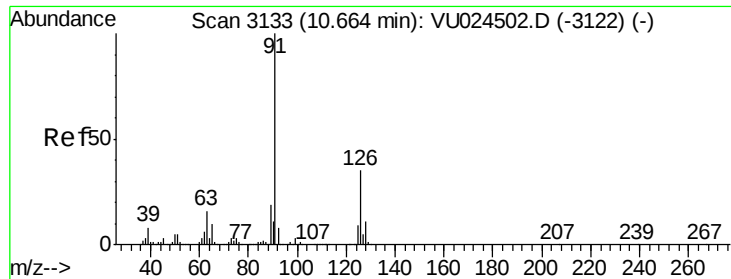
120 23.5 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.21 ug/l

RT: 10.66 min Scan# 3133

Delta R.T. 0.00 min

Lab File: VU024889.D

Acq: 25 Jun 2018 20:59

Instrument :

MSVOA_U

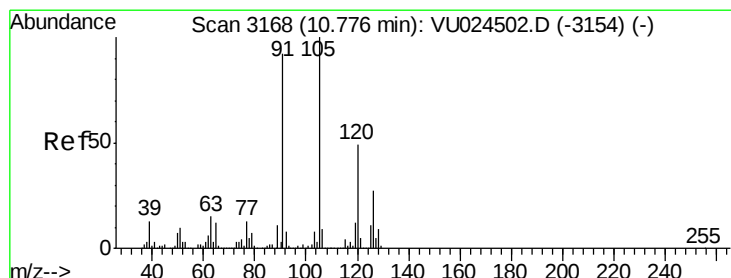
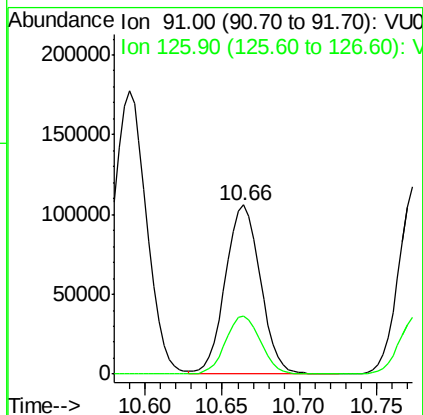
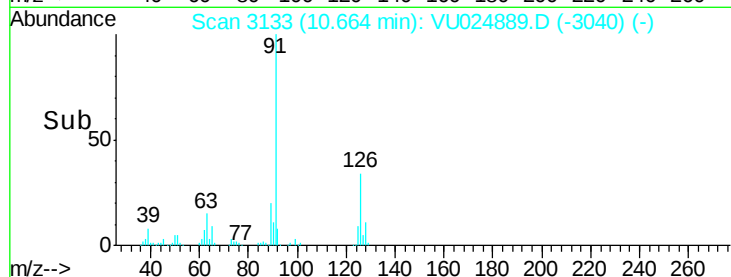
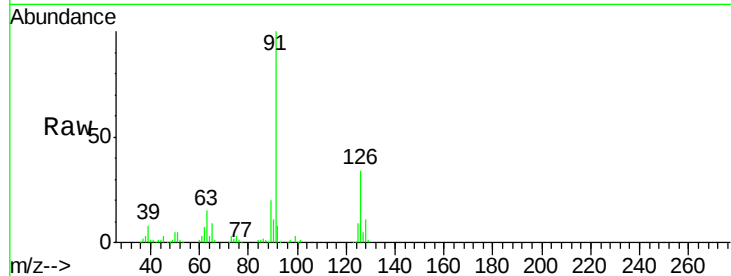
ClientSampled :

Tot Ion: 91 Resp: 166318

Ion Ratio Lower Upper

91 100

126 34.6 16.9 50.7



#80

1,3,5-Trimethylbenzene

Concen: 21.23 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. 0.00 min

Lab File: VU024889.D

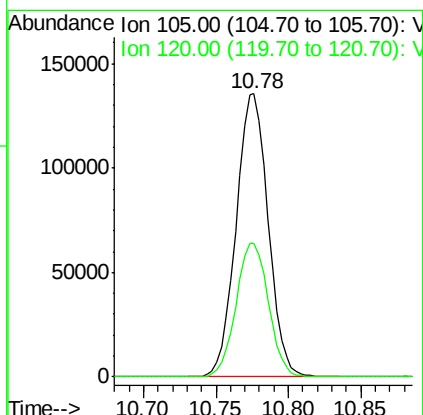
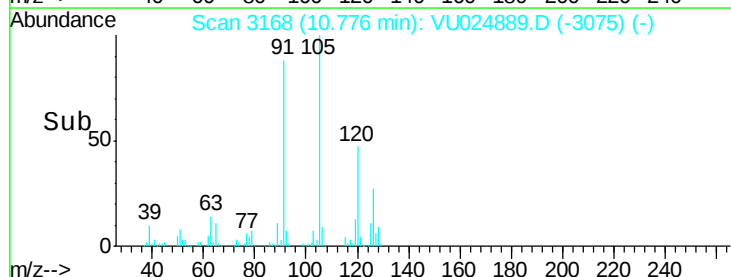
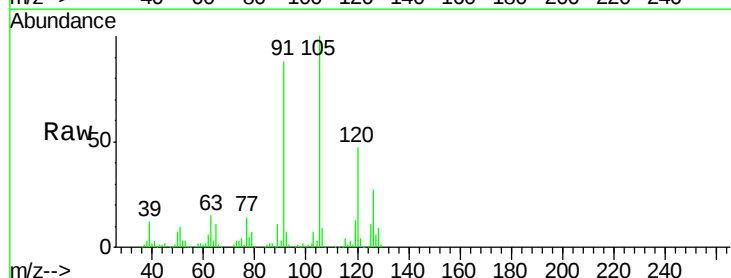
Acq: 25 Jun 2018 20:59

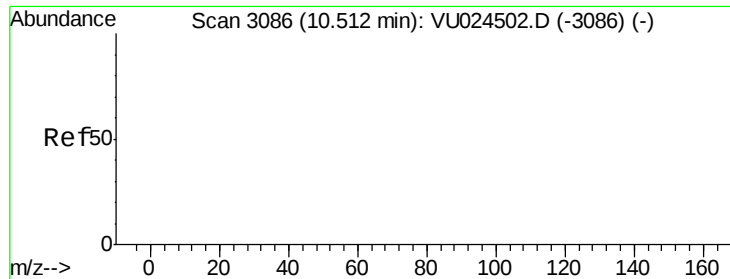
Tgt Ion: 105 Resp: 207712

Ion Ratio Lower Upper

105 100

120 47.8 24.1 72.2

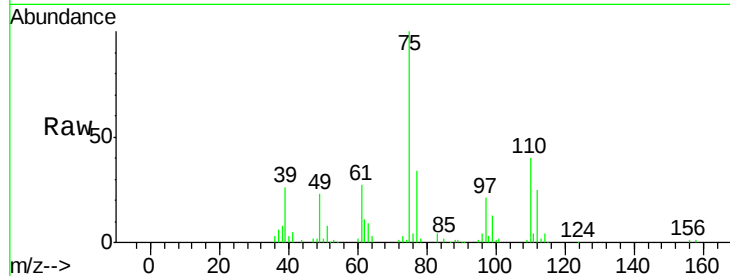




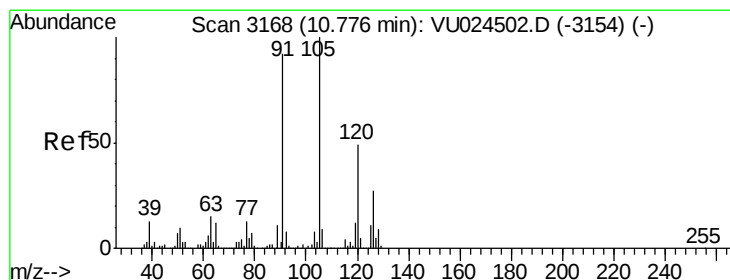
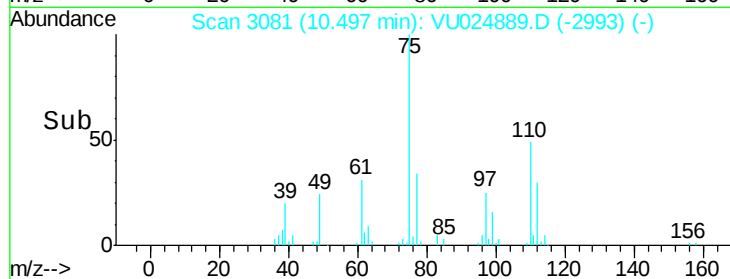
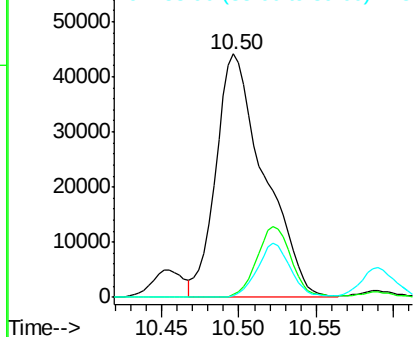
#81
trans-1,4-Dichloro-2-butene
Concen: 68.45 ug/l
RT: 10.50 min Scan# 3081
Delta R.T. -0.02 min
Lab File: VU024889.D
Acq: 25 Jun 2018 20:59

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 75 Resp: 95720
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0

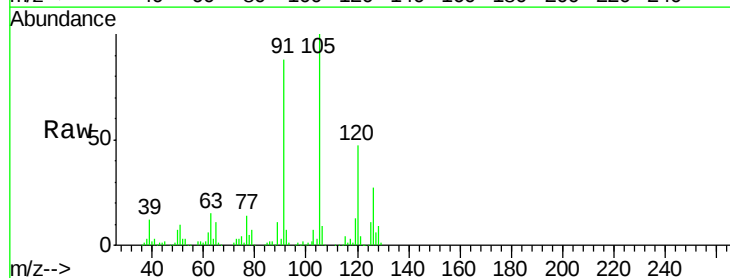


Abundance Ion 74.90 (74.60 to 75.60): VU0
Ion 53.00 (52.70 to 53.70): VU0
Ion 88.90 (88.60 to 89.60): VU0

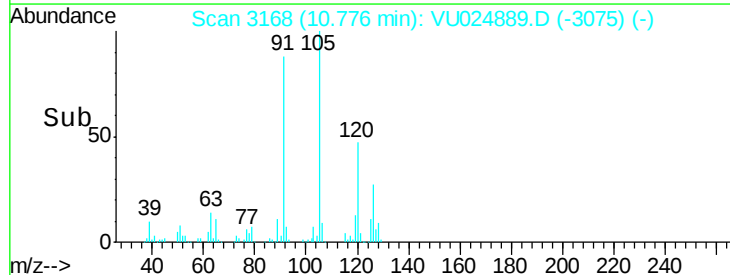
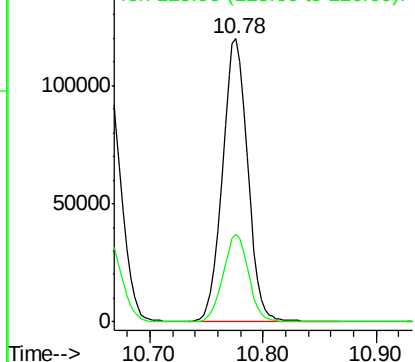


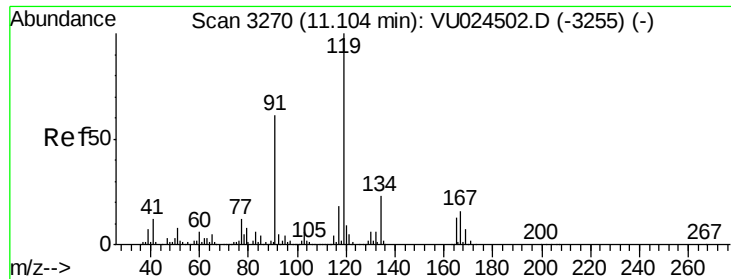
#82
4-Chlorotoluene
Concen: 20.39 ug/l
RT: 10.78 min Scan# 3168
Delta R.T. 0.00 min
Lab File: VU024889.D
Acq: 25 Jun 2018 20:59

Tgt Ion: 91 Resp: 186089
Ion Ratio Lower Upper
91 100
126 31.0 14.9 44.9



Abundance Ion 91.00 (90.70 to 91.70): VU0
Ion 125.90 (125.60 to 126.60): V

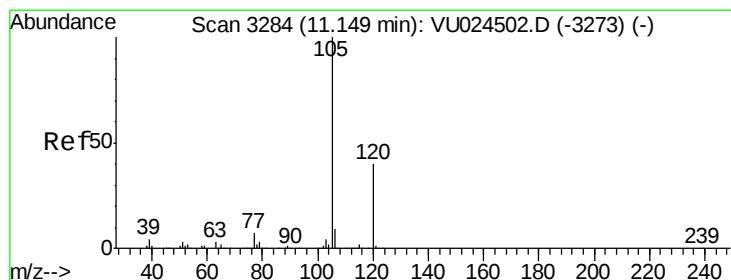
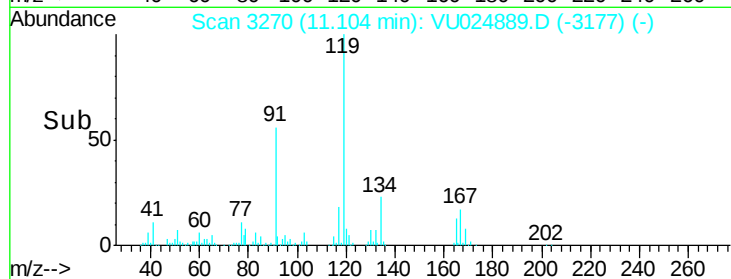
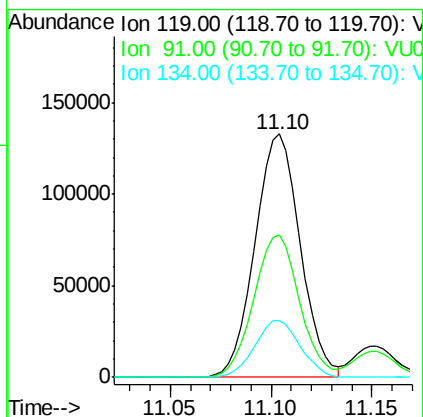
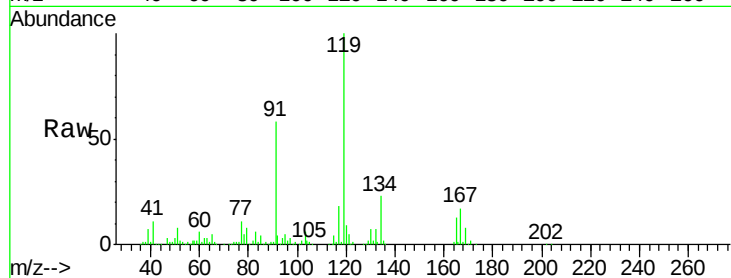




#83
tert-Butylbenzene
Concen: 22.14 ug/l
RT: 11.10 min Scan# 3270
Delta R.T. 0.00 min
Lab File: VU024889.D
Acq: 25 Jun 2018 20:59

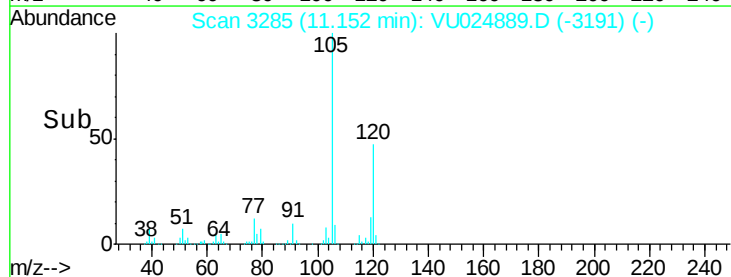
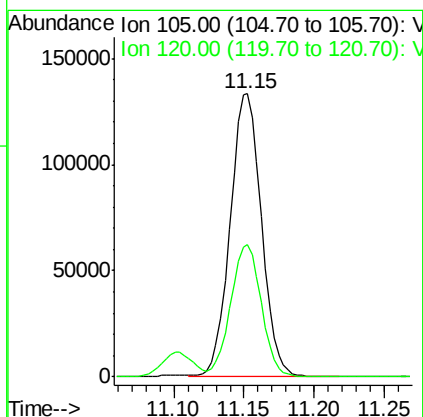
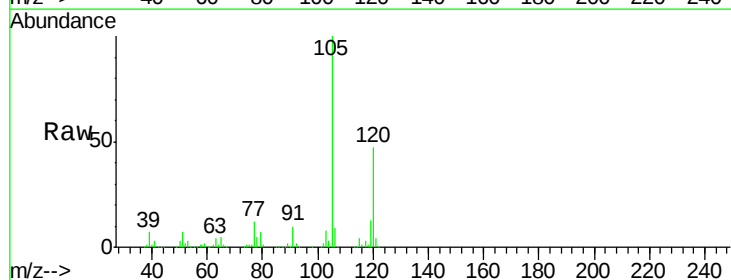
Instrument :
MSVOA_U
ClientSampleId :

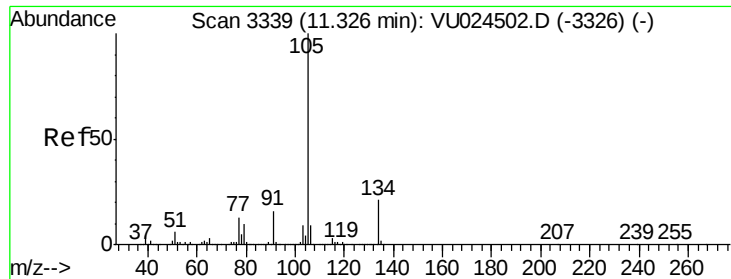
Tot Ion	Ratio	Lower	Upper
119	100		
91	59.2	29.7	89.1
134	23.5	11.6	34.7



#84
1,2,4-Trimethylbenzene
Concen: 20.73 ug/l
RT: 11.15 min Scan# 3285
Delta R.T. 0.00 min
Lab File: VU024889.D
Acq: 25 Jun 2018 20:59

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.0	22.6	67.8





#85

sec-Butylbenzene

Concen: 20.58 ug/l

RT: 11.33 min Scan# 3339

Delta R.T. 0.00 min

Lab File: VU024889.D

Acq: 25 Jun 2018 20:59

Instrument :

MSVOA_U

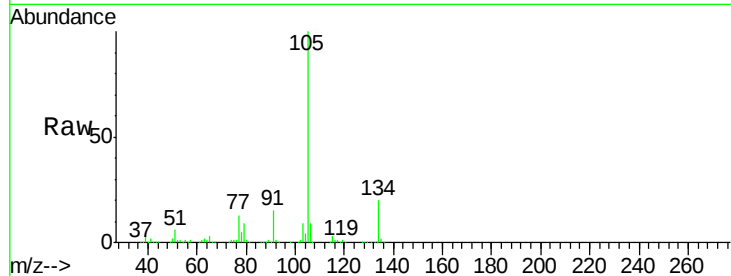
ClientSampleId :

Tot Ion:105 Resp: 242372

Ion Ratio Lower Upper

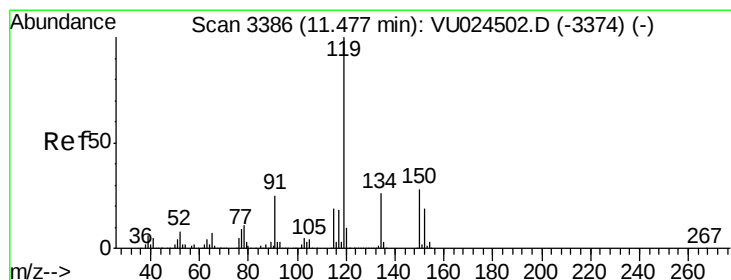
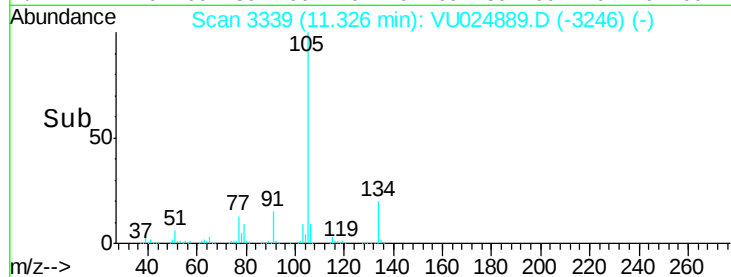
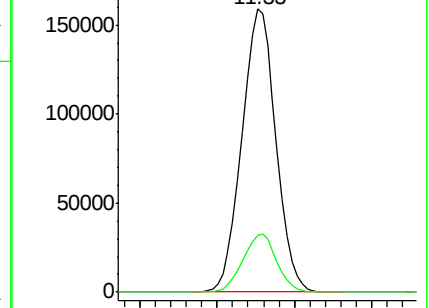
105 100

134 20.4 9.7 29.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.26 ug/l

RT: 11.48 min Scan# 3386

Delta R.T. 0.00 min

Lab File: VU024889.D

Acq: 25 Jun 2018 20:59

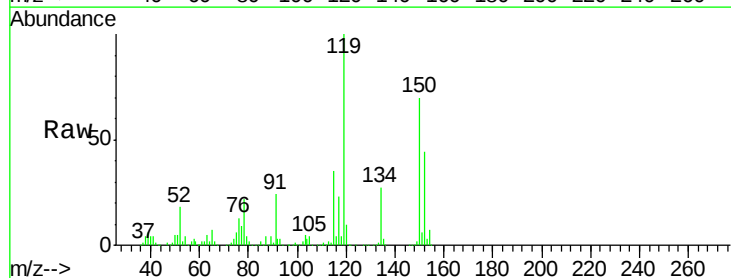
Tgt Ion:119 Resp: 213770

Ion Ratio Lower Upper

119 100

134 26.4 12.9 38.6

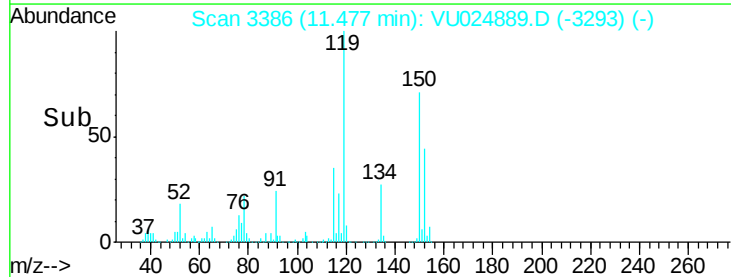
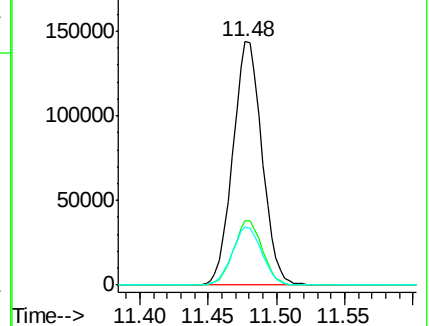
91 24.6 12.0 36.1

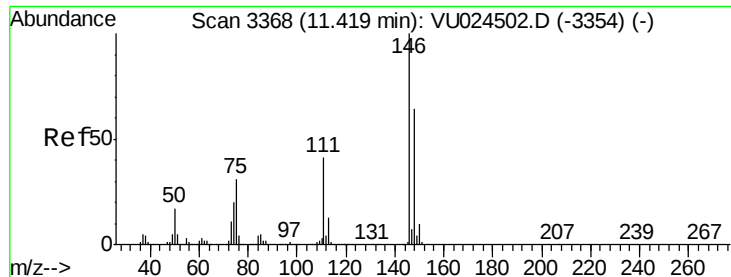


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VU0

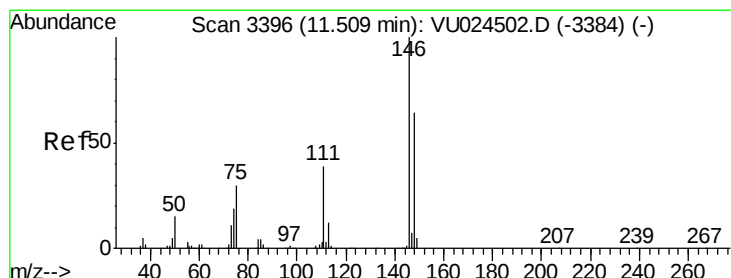
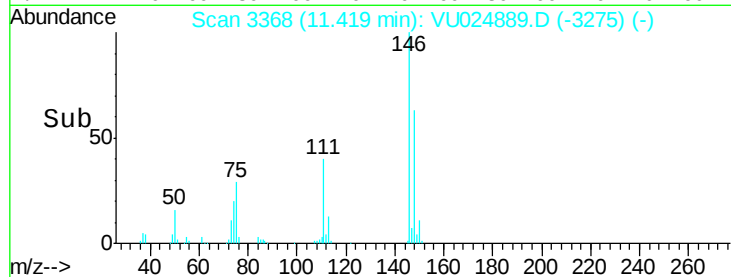
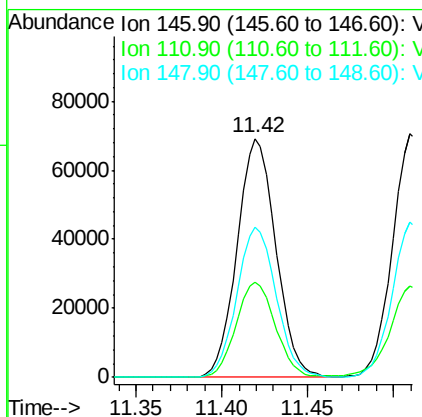
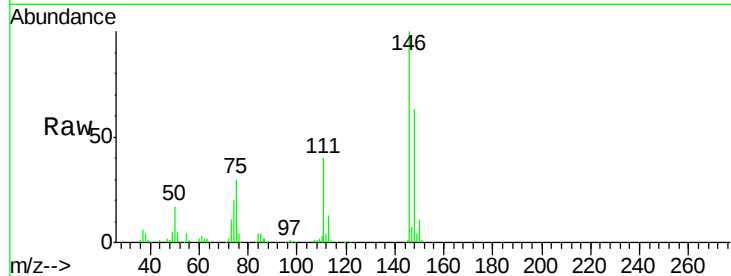




#87
 1,3-Dichlorobenzene
 Concen: 20.49 ug/l
 RT: 11.42 min Scan# 3368
 Delta R.T. 0.00 min
 Lab File: VU024889.D
 Acq: 25 Jun 2018 20:59

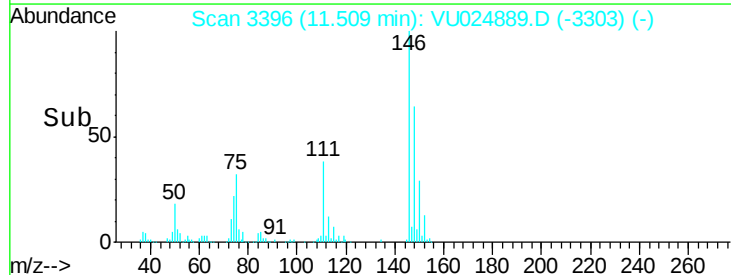
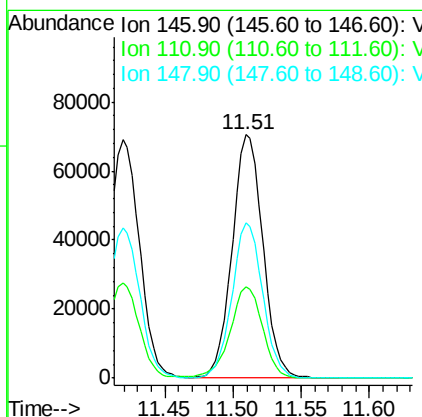
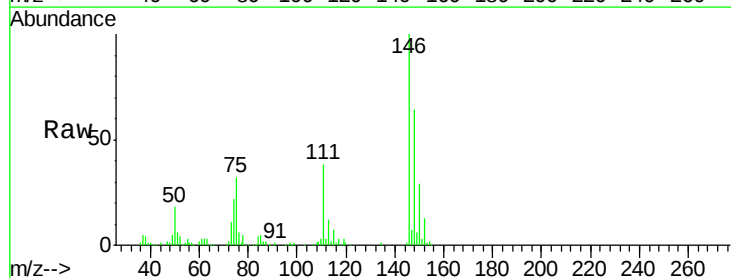
Instrument :
 MSVOA_U
 ClientSampleId :

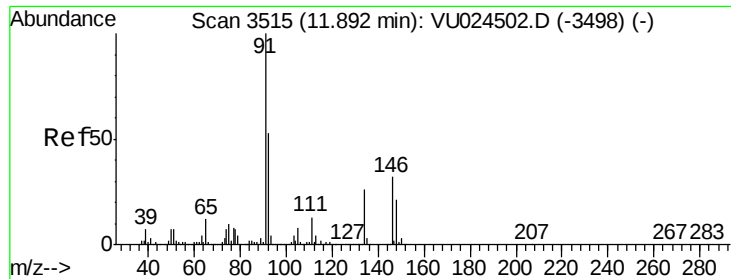
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.3	20.0	60.0
148	63.9	32.1	96.5



#88
 1,4-Dichlorobenzene
 Concen: 20.70 ug/l
 RT: 11.51 min Scan# 3396
 Delta R.T. 0.00 min
 Lab File: VU024889.D
 Acq: 25 Jun 2018 20:59

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.8	19.5	58.5
148	64.2	32.4	97.0





#89

n-Butylbenzene

Concen: 18.25 ug/l

RT: 11.89 min Scan# 3515

Delta R.T. 0.00 min

Lab File: VU024889.D

Acq: 25 Jun 2018 20:59

Instrument :

MSVOA_U

ClientSampleId :

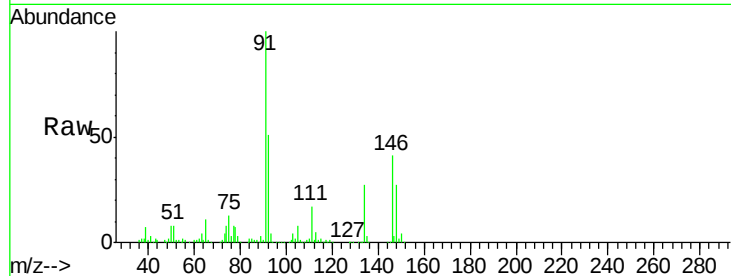
Tot Ion: 91 Resp: 170947

Ion	Ratio	Lower	Upper
91	100		
92	51.5	25.6	76.8
134	26.3	12.3	36.8

91 100

92 51.5 25.6 76.8

134 26.3 12.3 36.8

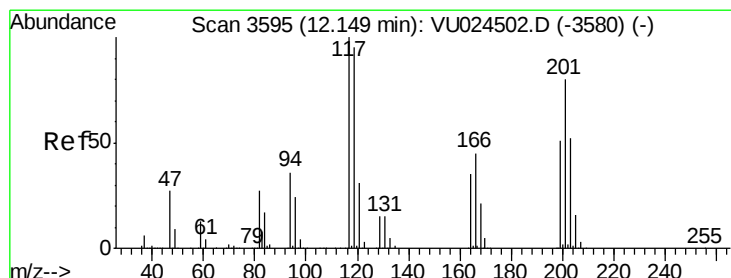
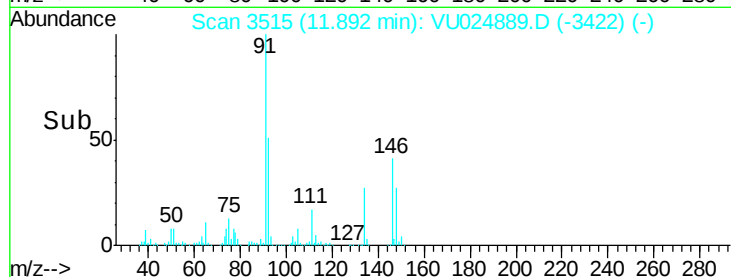
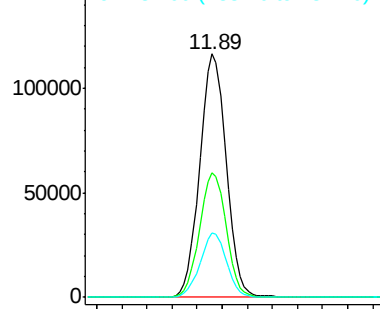


Abundance

Ion 91.00 (90.70 to 91.70): VU0

Ion 92.00 (91.70 to 92.70): VU0

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 18.88 ug/l

RT: 12.15 min Scan# 3595

Delta R.T. 0.00 min

Lab File: VU024889.D

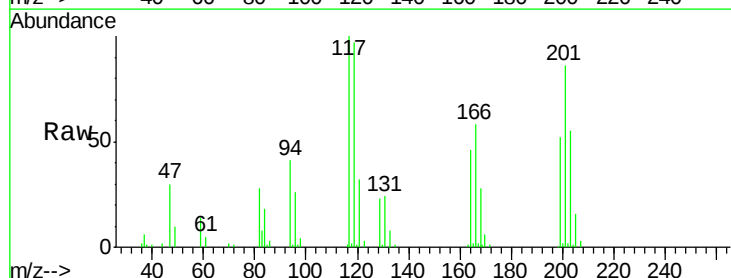
Acq: 25 Jun 2018 20:59

Tgt Ion: 117 Resp: 38847

Ion	Ratio	Lower	Upper
117	100		
201	84.7	41.1	123.3

117 100

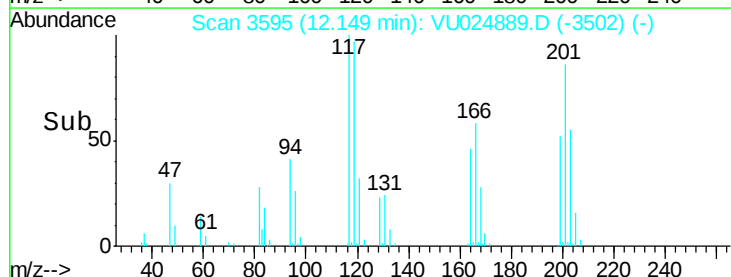
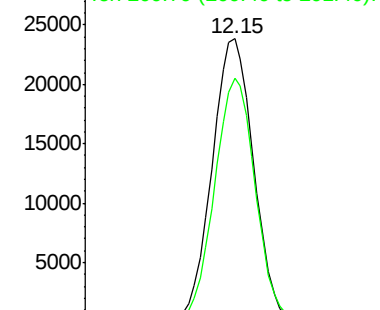
201 84.7 41.1 123.3

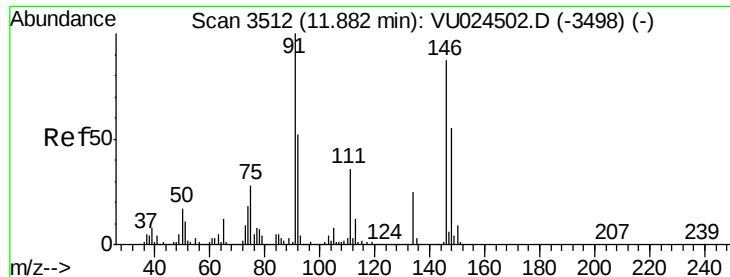


Abundance

Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 21.68 ug/l

RT: 11.88 min Scan# 3512

Delta R.T. 0.00 min

Lab File: VU024889.D

Acq: 25 Jun 2018 20:59

Instrument :

MSVOA_U

ClientSampled :

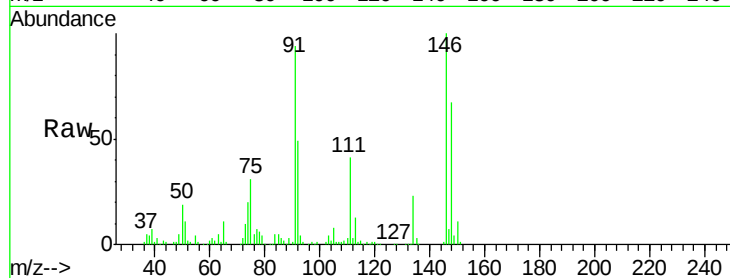
Tot Ion:146 Resp: 114615

Ion Ratio Lower Upper

146 100

111 41.5 20.5 61.6

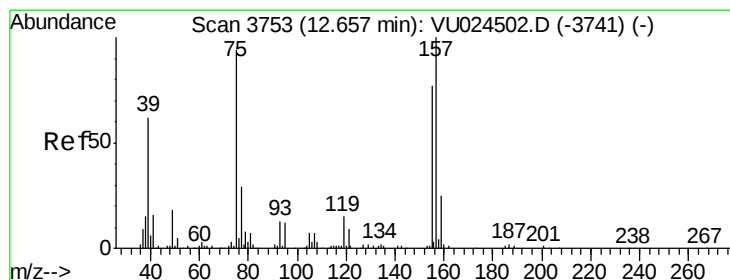
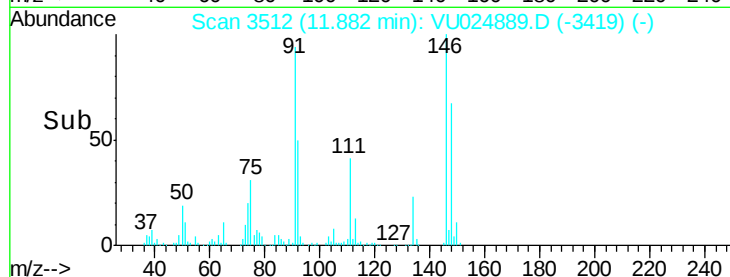
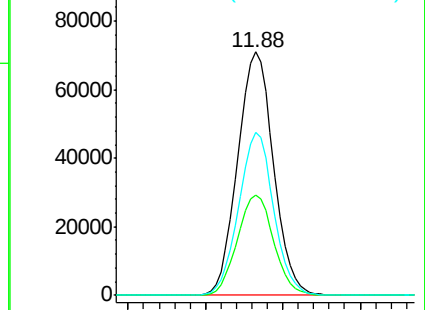
148 65.1 31.9 95.7



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.08 ug/l

RT: 12.66 min Scan# 3754

Delta R.T. 0.00 min

Lab File: VU024889.D

Acq: 25 Jun 2018 20:59

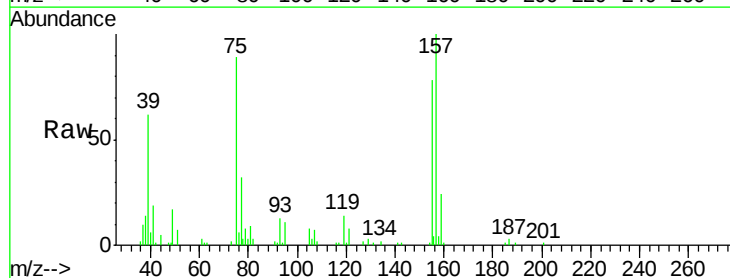
Tgt Ion: 75 Resp: 20954

Ion Ratio Lower Upper

75 100

155 86.5 40.4 121.2

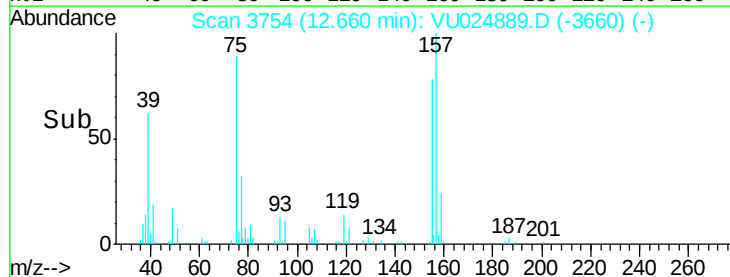
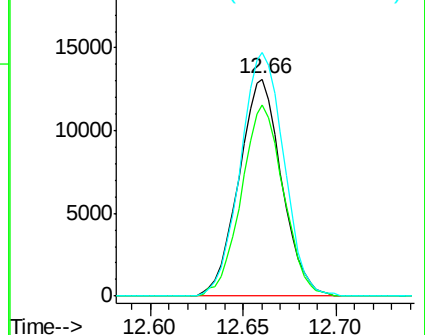
157 114.2 52.3 156.8

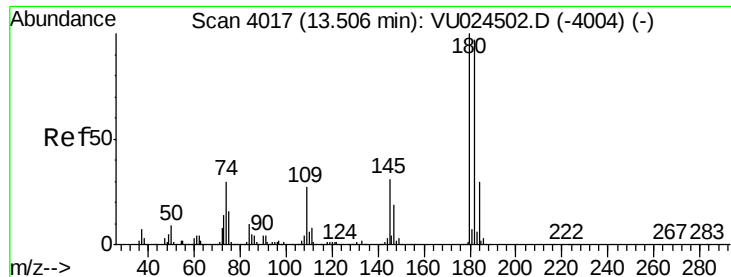


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

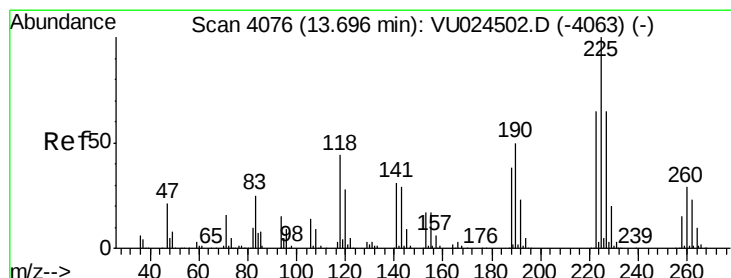
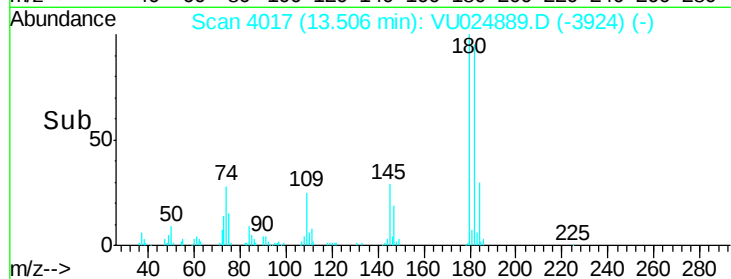
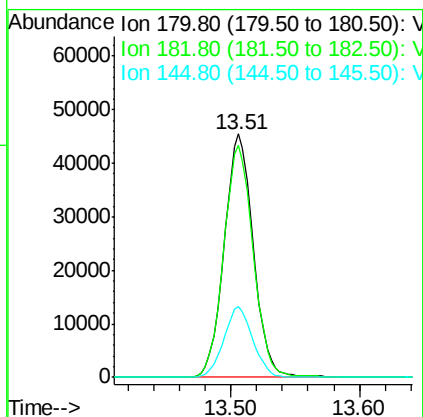
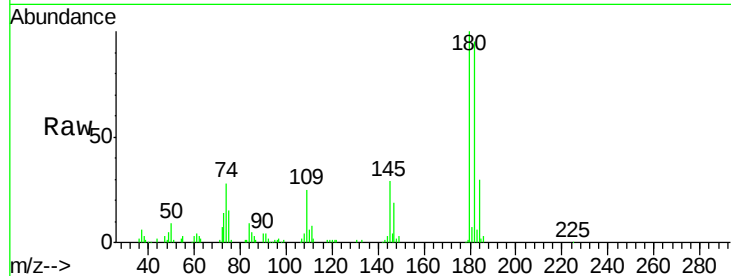




#93
 1,2,4-Trichlorobenzene
 Concen: 21.70 ug/l
 RT: 13.51 min Scan# 4017
 Delta R.T. 0.00 min
 Lab File: VU024889.D
 Acq: 25 Jun 2018 20:59

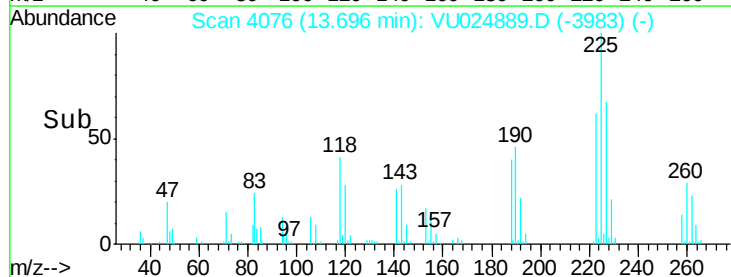
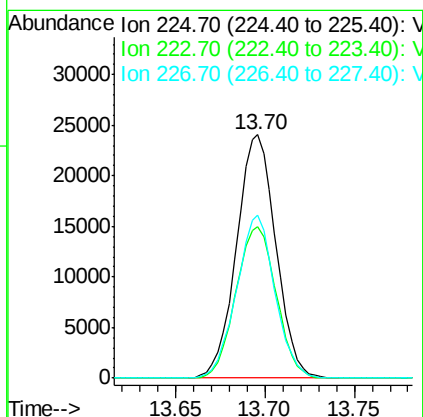
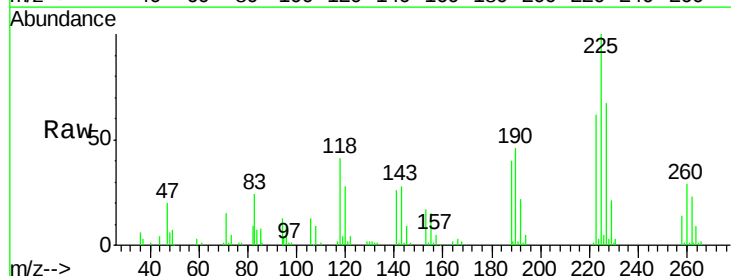
Instrument :
 MSVOA_U
 ClientSampled :

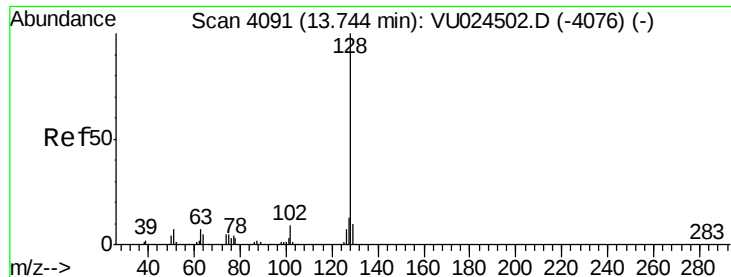
Tot Ion:180 Resp: 70842
 Ion Ratio Lower Upper
 180 100
 182 96.3 48.0 144.2
 145 28.8 14.7 44.1



#94
 Hexachlorobutadiene
 Concen: 20.16 ug/l
 RT: 13.70 min Scan# 4076
 Delta R.T. 0.00 min
 Lab File: VU024889.D
 Acq: 25 Jun 2018 20:59

Tgt Ion:225 Resp: 37057
 Ion Ratio Lower Upper
 225 100
 223 63.6 31.3 93.8
 227 65.3 31.8 95.4





#95

Naphthalene

Concen: 22.90 ug/l

RT: 13.74 min Scan# 4091

Delta R.T. 0.00 min

Lab File: VU024889.D

Acq: 25 Jun 2018 20:59

Instrument :

MSVOA_U

ClientSampleId :

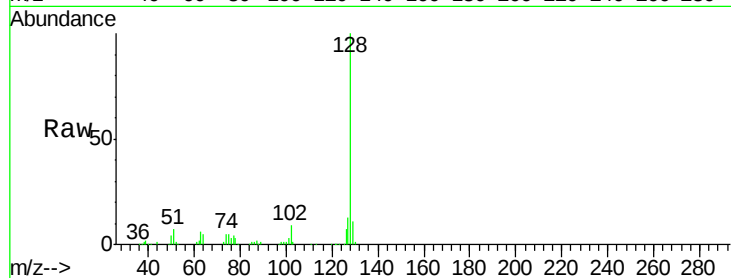
Tot Ion:128 Resp: 243523

Ion Ratio Lower Upper

128 100

127 12.8 10.6 16.0

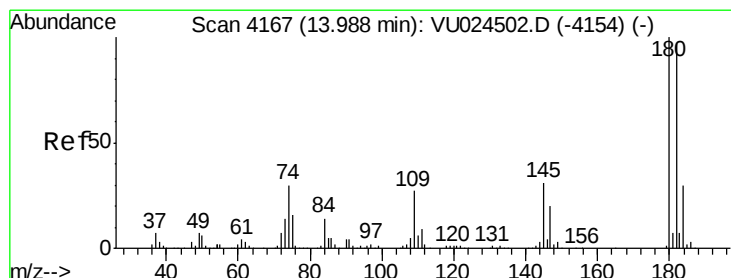
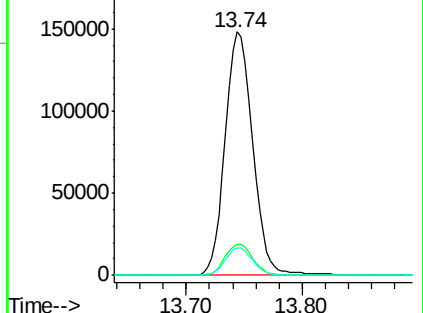
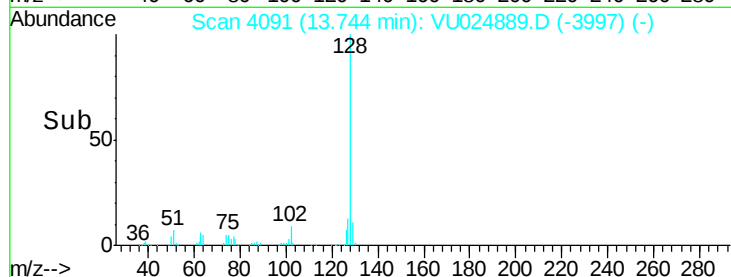
129 11.2 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 23.46 ug/l

RT: 13.99 min Scan# 4167

Delta R.T. 0.00 min

Lab File: VU024889.D

Acq: 25 Jun 2018 20:59

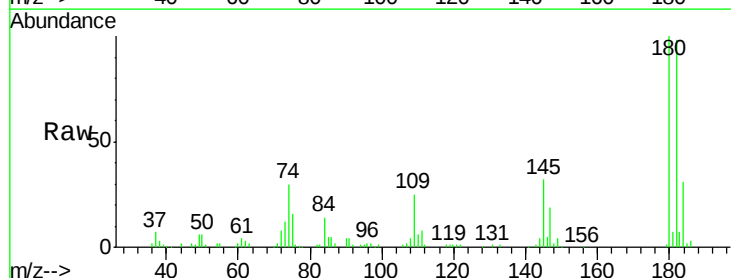
Tgt Ion:180 Resp: 76324

Ion Ratio Lower Upper

180 100

182 96.2 47.9 143.7

145 32.2 15.4 46.1



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

