

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091218\
 Data File : VU026693.D
 Acq On : 12 Sep 2018 10:23
 Operator : MD/SY
 Sample : J4803-12
 Misc : 5.41g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EP1-Q2-H7

Quant Time: Sep 13 06:48:52 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U091218W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 12 05:32:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	170838	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	257054	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	312380	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	229666	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	98093	37.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	75.70%	
35) Dibromofluoromethane	4.88	113	93062	44.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.76%	
50) Toluene-d8	7.57	98	443783	57.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.44%	
62) 4-Bromofluorobenzene	10.31	95	223637	79.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	159.14%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	20267	10.98	ug/l	96
3) Chloromethane	1.32	50	20070	7.78	ug/l	99
4) Vinyl Chloride	1.40	62	28290	10.59	ug/l	99
5) Bromomethane	1.60	94	9056	5.41	ug/l	99
6) Chloroethane	1.67	64	18924	11.13	ug/l	97
7) Trichlorofluoromethane	1.86	101	20561	5.89	ug/l	98
8) Diethyl Ether	2.10	74	1240	0.81	ug/l #	1
9) 1,1,2-Trichlorotrifluoroet	2.27	101	6002	2.89	ug/l	97
10) Methyl Iodide	2.40	142	8272	12.88	ug/l	97
11) Tert butyl alcohol	2.84	59	6846	10.84	ug/l #	73
12) 1,1-Dichloroethene	2.27	96	8715	4.44	ug/l	92
13) Acrolein	2.19	56	5421	12.73	ug/l	97
14) Allyl chloride	2.58	41	16977	4.81	ug/l #	84
15) Acrylonitrile	2.94	53	40016	29.54	ug/l	100
16) Acetone	2.33	43	25332	17.27	ug/l	99
17) Carbon Disulfide	2.47	76	66634	10.68	ug/l	98
18) Methyl Acetate	2.61	43	7233	2.28	ug/l	100
19) Methyl tert-butyl Ether	3.00	73	7899	1.17	ug/l	97
20) Methylene Chloride	2.69	84	28119	11.82	ug/l	97
21) trans-1,2-Dichloroethene	2.97	96	4282	2.07	ug/l	93
22) Diisopropyl ether	3.57	45	29065	3.94	ug/l	97
23) Vinyl Acetate	3.52	43	37440	5.98	ug/l	98
24) 1,1-Dichloroethane	3.44	63	12220	2.94	ug/l	97
25) 2-Butanone	4.28	43	5114	2.59	ug/l	93
26) 2,2-Dichloropropane	4.22	77	8030	2.35	ug/l	97
27) cis-1,2-Dichloroethene	4.22	96	6045	2.54	ug/l	96
28) Bromochloromethane	4.55	49	8190	4.12	ug/l #	91
29) Tetrahydrofuran	4.65	42	3448	2.89	ug/l	94
30) Chloroform	4.67	83	7429	1.82	ug/l	86
31) Cyclohexane	4.99	56	11739	2.92	ug/l #	67
32) 1,1,1-Trichloroethane	4.91	97	7317	2.16	ug/l	96
36) 1,1-Dichloropropene	5.13	75	8628	2.99	ug/l	97
37) Ethyl Acetate	4.39	43	3852	1.11	ug/l #	88
38) Carbon Tetrachloride	5.13	117	6149	2.02	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	6.42	83	18068	5.27	ug/l	94
40) Benzene	5.39	78	32116	3.58	ug/l	100
41) Methacrylonitrile	4.56	41	708	1.10	ug/l #	60
42) 1,2-Dichloroethane	5.40	62	4016	1.26	ug/l	93
43) Isopropyl Acetate	5.55	43	11196	2.12	ug/l	98
44) Trichloroethene	6.19	130	7104	3.20	ug/l	94
45) 1,2-Dichloropropane	6.43	63	5382	2.21	ug/l	96
46) Dibromomethane	6.57	93	2077	1.32	ug/l	94
47) Bromodichloromethane	6.76	83	3759	1.21	ug/l	97
48) Methyl methacrylate	6.63	41	9287	4.93	ug/l	99
49) 1,4-Dioxane	6.63	88	528	37.64	ug/l #	71
51) 4-Methyl-2-Pentanone	7.47	43	74258	21.01	ug/l	100
52) Toluene	7.64	92	40927	7.67	ug/l	96
53) t-1,3-Dichloropropene	7.88	75	9526	2.77	ug/l	97
54) cis-1,3-Dichloropropene	7.27	75	9428	2.56	ug/l	92
55) 1,1,2-Trichloroethane	8.07	97	5904	2.58	ug/l	93
56) Ethyl methacrylate	8.02	69	25127	9.00	ug/l	99
57) 1,3-Dichloropropane	8.24	76	8436	2.16	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.13	63	22819	20.91	ug/l	97
59) 2-Hexanone	8.37	43	81093	29.15	ug/l	99
60) Dibromochloromethane	8.48	129	4877	1.97	ug/l	99
61) 1,2-Dibromoethane	8.59	107	6087	2.45	ug/l	88
64) Tetrachloroethene	8.23	164	12277	4.94	ug/l	94
65) Chlorobenzene	9.12	112	50150	6.46	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.21	131	10049	3.52	ug/l	96
67) Ethyl Benzene	9.25	91	107260	8.39	ug/l	100
68) m/p-Xylenes	9.38	106	100546	20.67	ug/l	99
69) o-Xylene	9.78	106	47799	10.21	ug/l	98
70) Styrene	9.79	104	77930	10.43	ug/l	98
71) Bromoform	9.96	173	5580	2.25	ug/l #	96
73) Isopropylbenzene	10.17	105	131931	8.43	ug/l	100
74) N-amyl acetate	10.02	43	95694	12.95	ug/l #	63
75) 1,1,2,2-Tetrachloroethane	10.49	83	141803	22.23	ug/l #	25
76) 1,2,3-Trichloropropane	10.50	75	21064	4.09	ug/l #	49
77) Bromobenzene	10.46	156	29584	6.96	ug/l	94
78) n-propylbenzene	10.59	91	164106	9.02	ug/l	99
79) 2-Chlorotoluene	10.66	91	130488	11.56	ug/l	82
80) 1,3,5-Trimethylbenzene	10.77	105	534244	40.61	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.50	75	21064	14.90	ug/l #	100
82) 4-Chlorotoluene	10.77	91	152821	12.05	ug/l	89
83) tert-Butylbenzene	11.10	119	141546	10.60	ug/l	94
84) 1,2,4-Trimethylbenzene	11.15	105	763852	57.57	ug/l	100
85) sec-Butylbenzene	11.33	105	170601	10.76	ug/l	100
86) p-Isopropyltoluene	11.48	119	280371	19.06	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	63643	8.02	ug/l #	75
88) 1,4-Dichlorobenzene	11.51	146	63984	7.76	ug/l #	67
89) n-Butylbenzene	11.89	91	261999	20.05	ug/l #	23
90) Hexachloroethane	12.15	117	46717	16.70	ug/l #	44
91) 1,2-Dichlorobenzene	11.88	146	65022	8.15	ug/l #	80
92) 1,2-Dibromo-3-Chloropropan	12.66	75	8965	7.01	ug/l	77

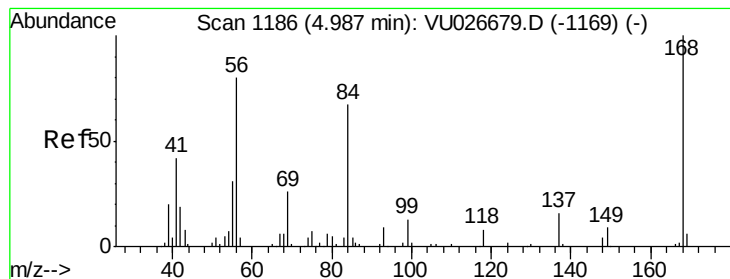
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.50	180	44929	8.48	ug/l #	89
94) Hexachlorobutadiene	13.69	225	25745	9.44	ug/l	98
95) Naphthalene	13.75	128	135081	8.44	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	43795	7.91	ug/l	93

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.98 min Scan# 1184

Delta R.T. -0.01 min

Lab File: VU026693.D

Acq: 12 Sep 2018 10:23

Instrument :

MSVOA_U

ClientSampleId :

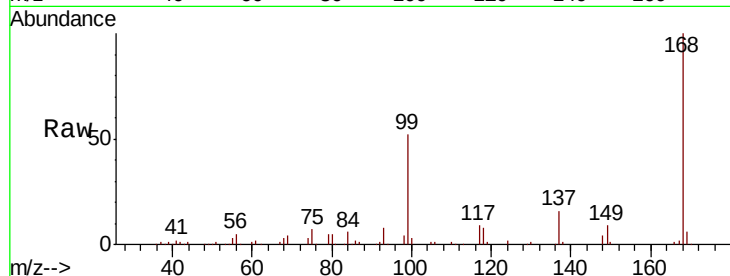
EP1-Q2-H7

Tot Ion:168 Resp: 170838

Ion Ratio Lower Upper

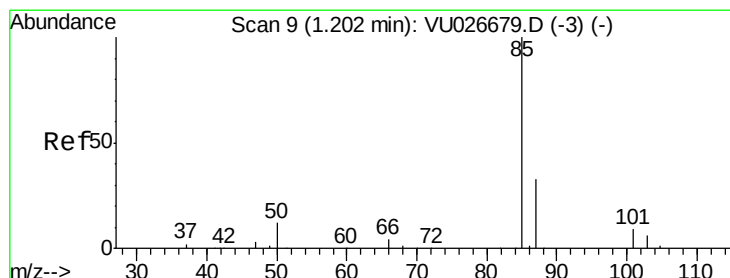
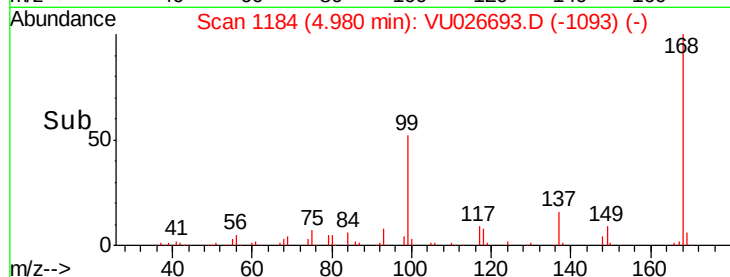
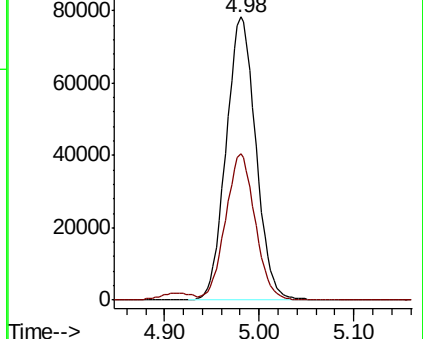
168 100

99 51.8 42.0 63.0



Abundance Ion 167.90 (167.60 to 168.60): VU026679.D (-1169) (-)

Ion 98.90 (98.60 to 99.60): VU026679.D (-1169) (-)



#2

Dichlorodifluoromethane

Concen: 10.98 ug/l

RT: 1.20 min Scan# 8

Delta R.T. -0.00 min

Lab File: VU026693.D

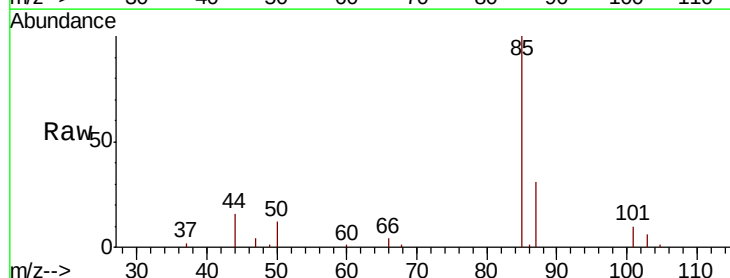
Acq: 12 Sep 2018 10:23

Tgt Ion: 85 Resp: 20267

Ion Ratio Lower Upper

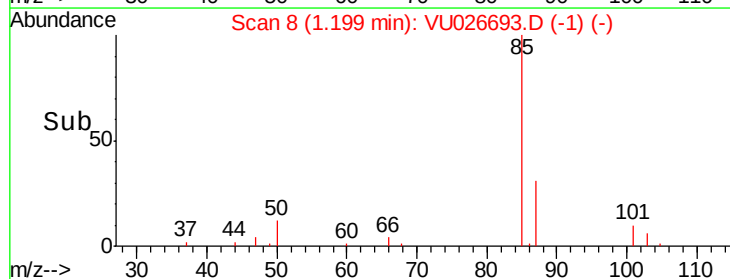
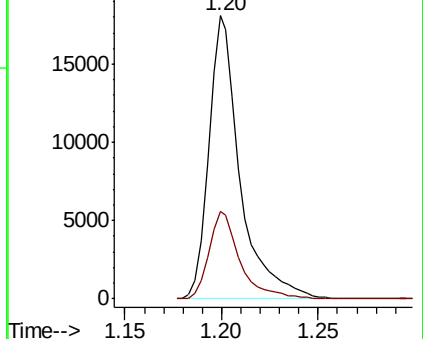
85 100

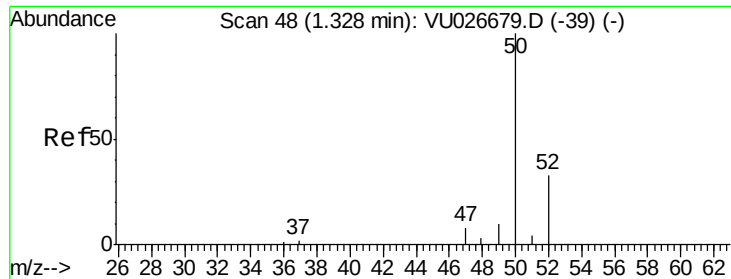
87 30.8 16.6 49.7



Abundance Ion 84.90 (84.60 to 85.60): VU026679.D (-3) (-)

Ion 86.90 (86.60 to 87.60): VU026679.D (-3) (-)

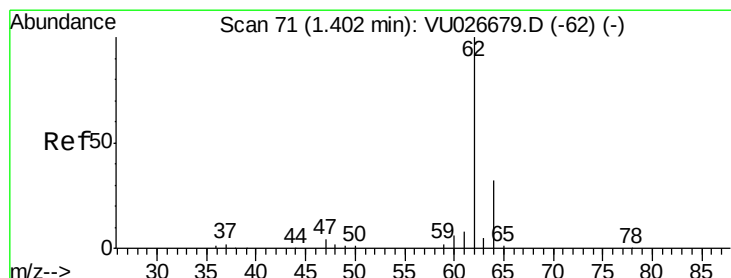
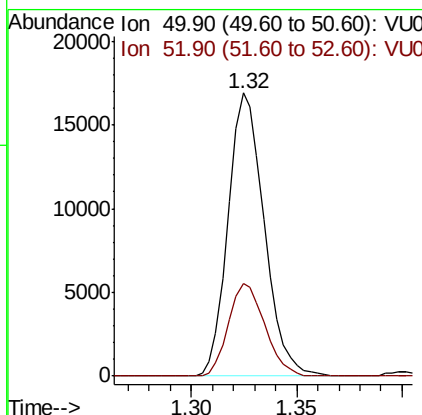
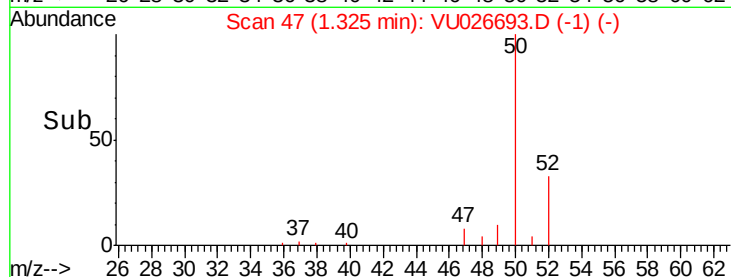
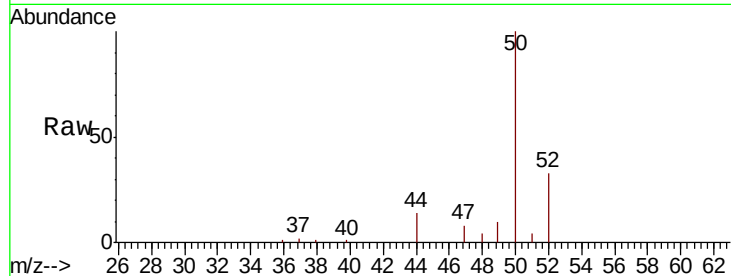




#3
 Chloromethane
 Concen: 7.78 ug/l
 RT: 1.32 min Scan# 47
 Delta R.T. -0.00 min
 Lab File: VU026693.D
 Acq: 12 Sep 2018 10:23

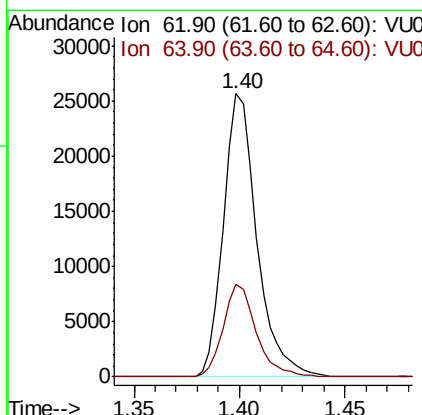
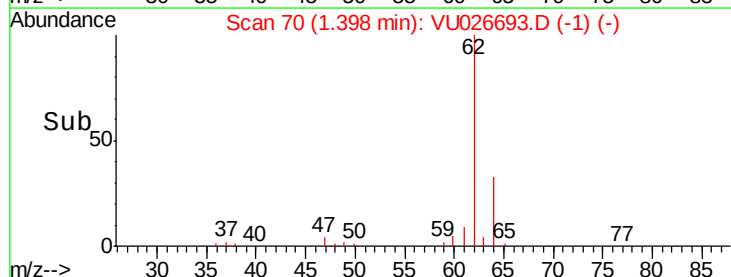
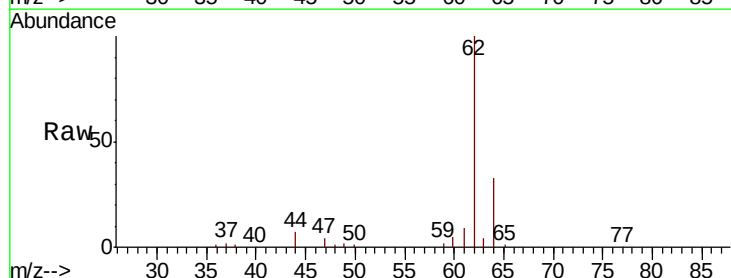
Instrument :
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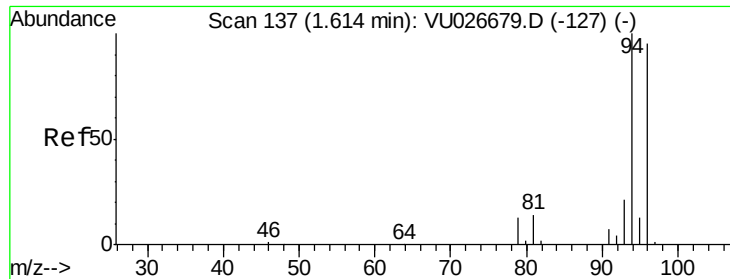
Tot Ion: 50 Resp: 20070
 Ion Ratio Lower Upper
 50 100
 52 32.6 26.3 39.5



#4
 Vinyl Chloride
 Concen: 10.59 ug/l
 RT: 1.40 min Scan# 70
 Delta R.T. -0.00 min
 Lab File: VU026693.D
 Acq: 12 Sep 2018 10:23

Tgt Ion: 62 Resp: 28290
 Ion Ratio Lower Upper
 62 100
 64 32.7 25.6 38.4

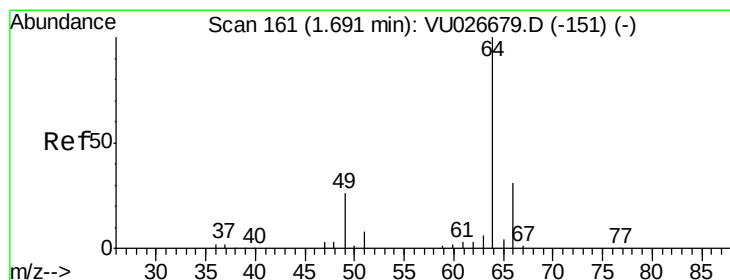
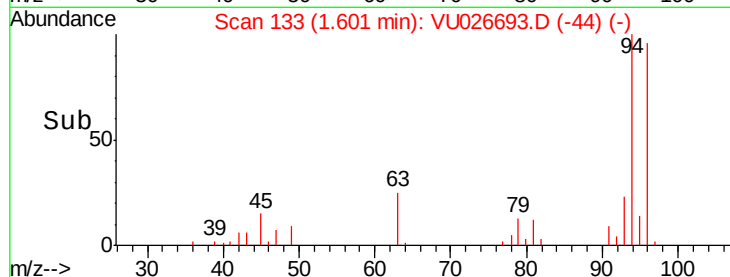
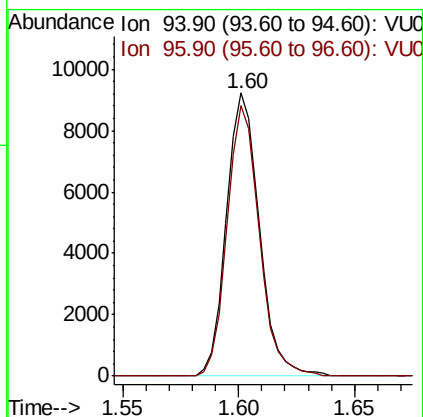
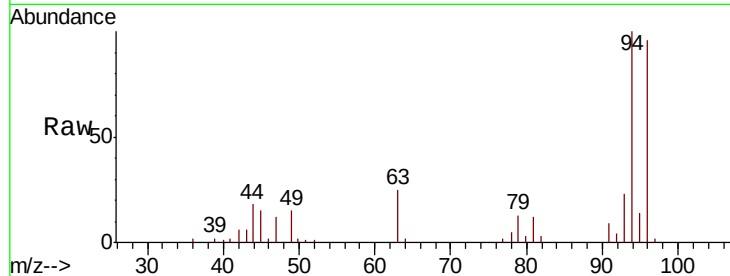




#5
Bromomethane
Concen: 5.41 ug/l
RT: 1.60 min Scan# 133
Delta R.T. -0.01 min
Lab File: VU026693.D
Acq: 12 Sep 2018 10:23

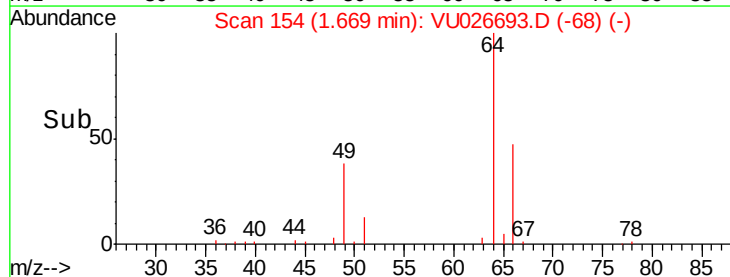
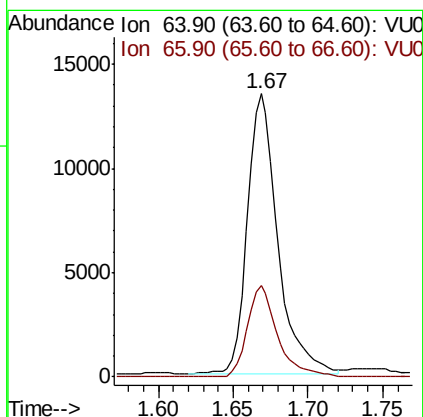
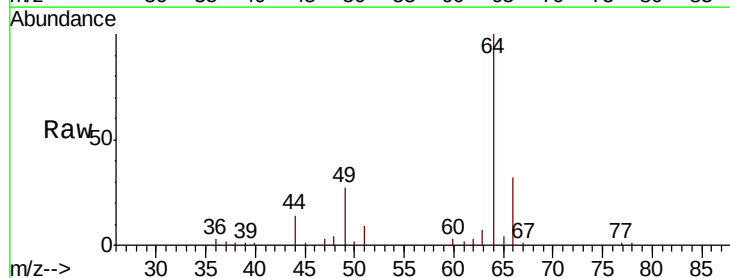
Instrument :
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ClientSampleId :
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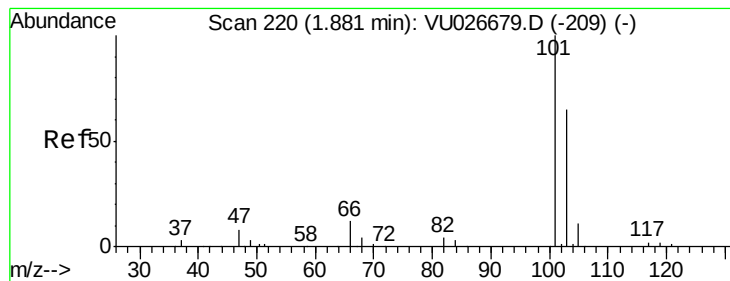
Tot Ion: 94 Resp: 9056
Ion Ratio Lower Upper
94 100
96 95.5 75.8 113.6



#6
Chloroethane
Concen: 11.13 ug/l
RT: 1.67 min Scan# 154
Delta R.T. -0.02 min
Lab File: VU026693.D
Acq: 12 Sep 2018 10:23

Tgt Ion: 64 Resp: 18924
Ion Ratio Lower Upper
64 100
66 32.6 24.7 37.1





#7

Trichlorofluoromethane

Concen: 5.89 ug/l

RT: 1.86 min Scan# 215

Delta R.T. -0.02 min

Lab File: VU026693.D

Acq: 12 Sep 2018 10:23

Instrument :

MSVOA_U

ClientSampleId :

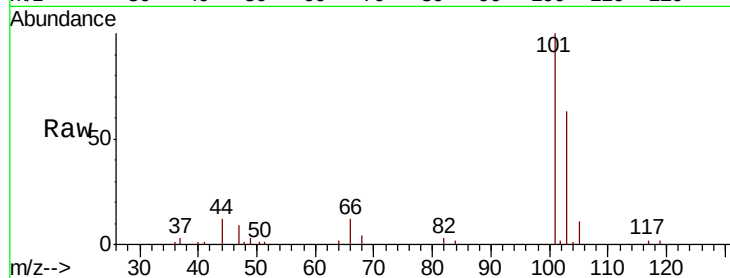
EP1-Q2-H7

Tot Ion:101 Resp: 20561

Ion Ratio Lower Upper

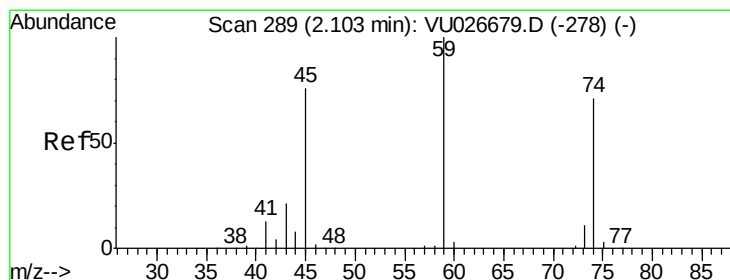
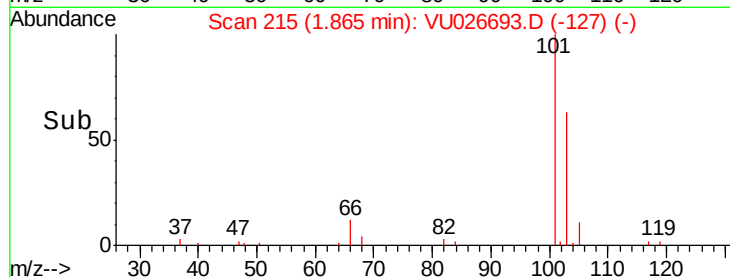
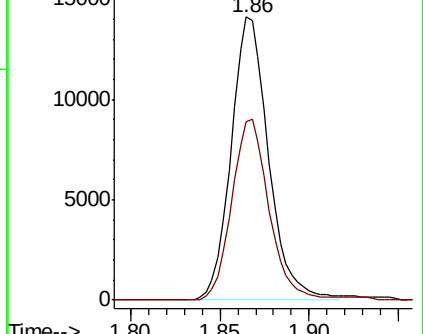
101 100

103 63.3 51.7 77.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 0.81 ug/l

RT: 2.10 min Scan# 288

Delta R.T. -0.00 min

Lab File: VU026693.D

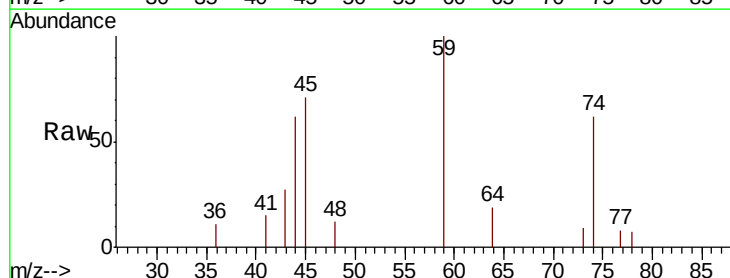
Acq: 12 Sep 2018 10:23

Tgt Ion: 74 Resp: 1240

Ion Ratio Lower Upper

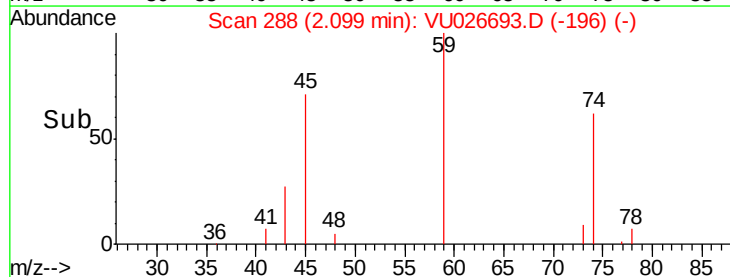
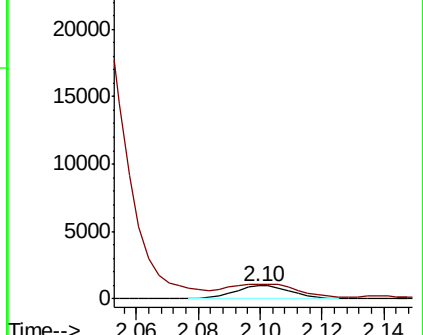
74 100

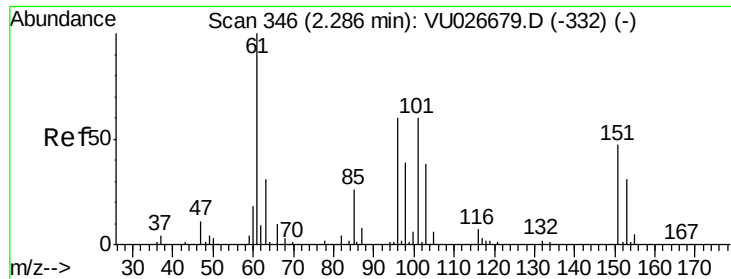
45 0.0 53.6 160.8#



Abundance Ion 74.00 (73.70 to 74.70): VU0

Ion 45.00 (44.70 to 45.70): VU0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 2.89 ug/l

RT: 2.27 min Scan# 342

Delta R.T. -0.01 min

Lab File: VU026693.D

Acq: 12 Sep 2018 10:23

Instrument :

MSVOA_U

ClientSampleId :

EP1-Q2-H7

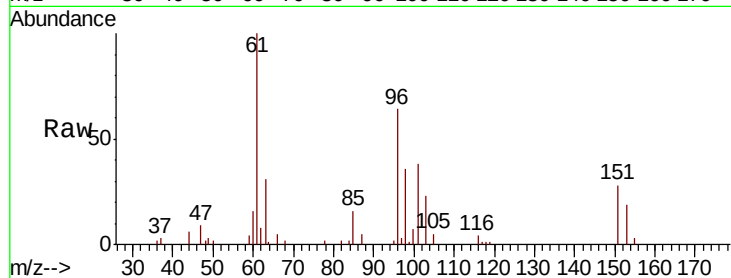
Tot Ion:101 Resp: 6002

Ion Ratio Lower Upper

101 100

85 39.8 34.6 52.0

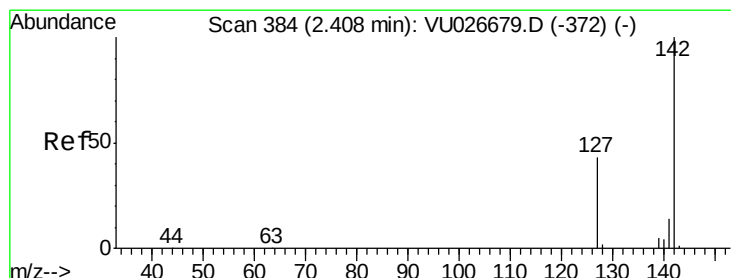
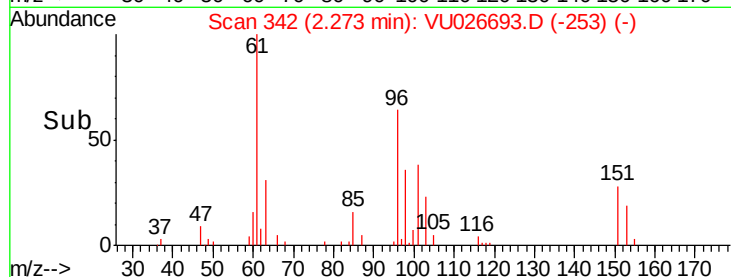
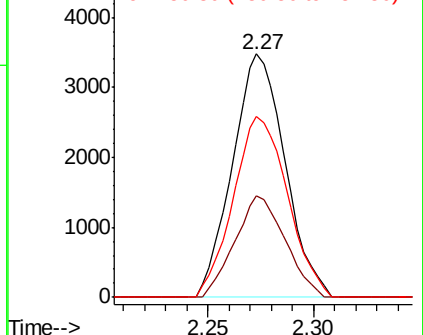
151 76.9 62.7 94.1



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: 12.88 ug/l

RT: 2.40 min Scan# 382

Delta R.T. -0.01 min

Lab File: VU026693.D

Acq: 12 Sep 2018 10:23

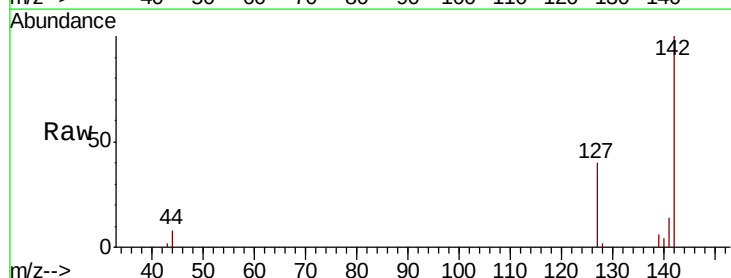
Tgt Ion:142 Resp: 8272

Ion Ratio Lower Upper

142 100

127 40.2 34.1 51.1

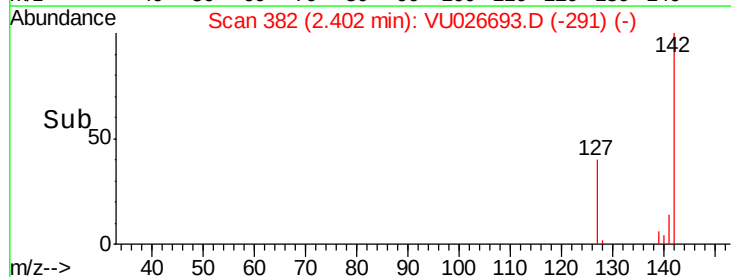
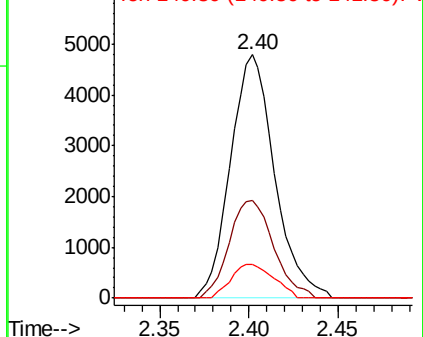
141 13.4 11.2 16.8

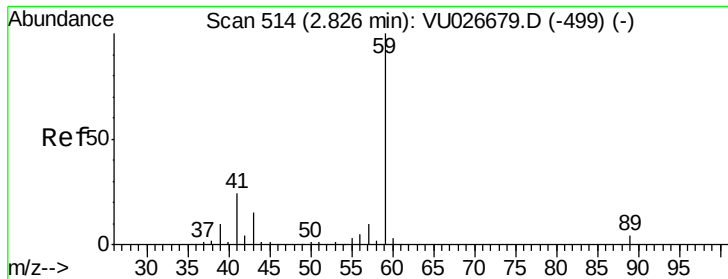


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

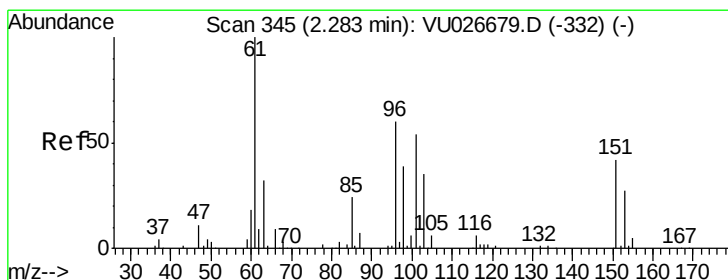
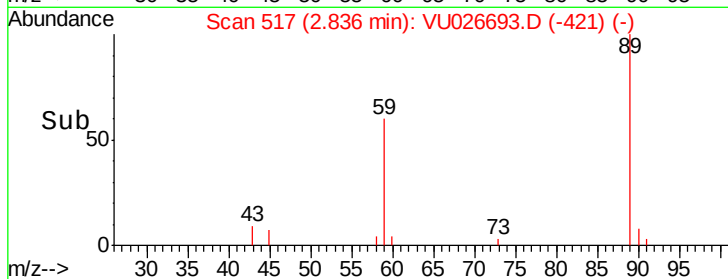
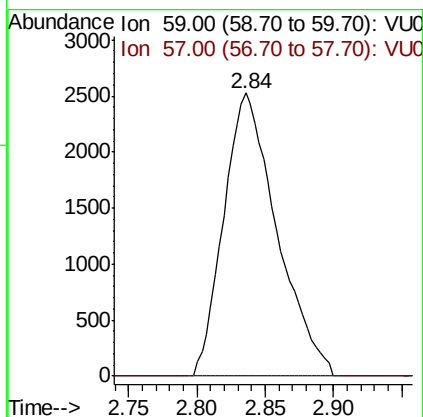
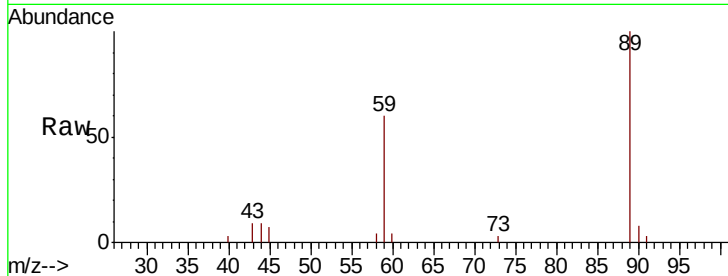




#11
Tert butyl alcohol
Concen: 10.84 ug/l
RT: 2.84 min Scan# 517
Delta R.T. 0.01 min
Lab File: VU026693.D
Acq: 12 Sep 2018 10:23

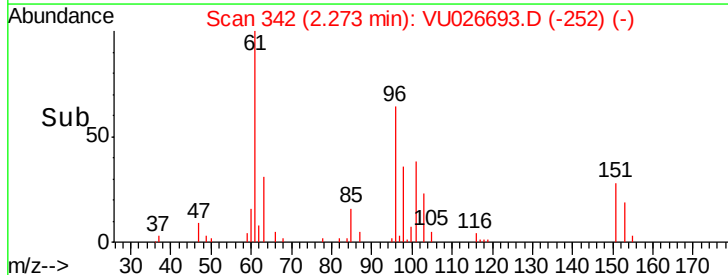
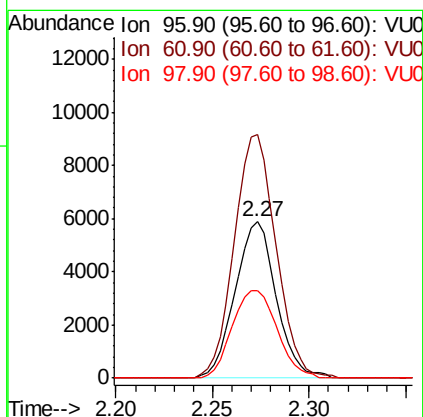
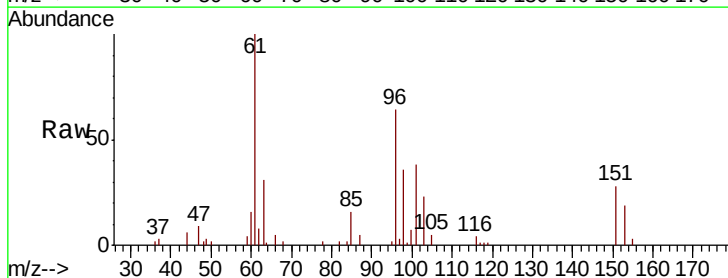
Instrument :
MSVOA_U
ClientSampleId :
EP1-Q2-H7

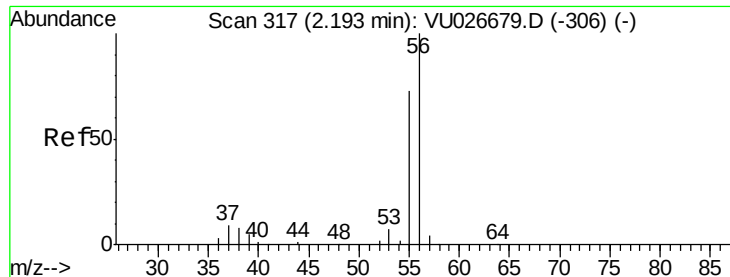
Tot Ion: 59 Resp: 6846
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#



#12
1,1-Dichloroethene
Concen: 4.44 ug/l
RT: 2.27 min Scan# 342
Delta R.T. -0.01 min
Lab File: VU026693.D
Acq: 12 Sep 2018 10:23

Tgt Ion: 96 Resp: 8715
Ion Ratio Lower Upper
96 100
61 156.0 133.0 199.6
98 56.1 51.3 76.9





#13

Acrolein

Concen: 12.73 ug/l

RT: 2.19 min Scan# 317

Delta R.T. 0.00 min

Lab File: VU026693.D

Acq: 12 Sep 2018 10:23

Instrument :

MSVOA_U

ClientSampleId :

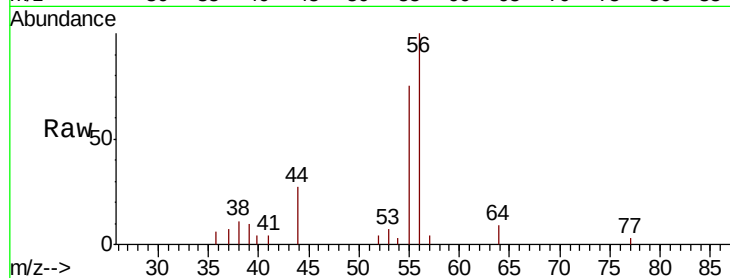
EP1-Q2-H7

Tot Ion: 56 Resp: 5421

Ion Ratio Lower Upper

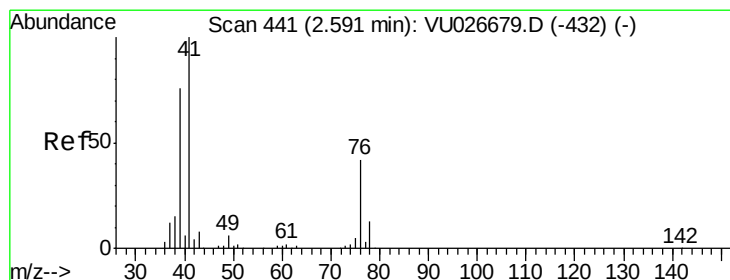
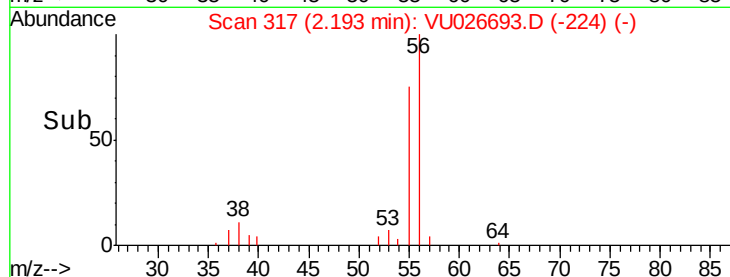
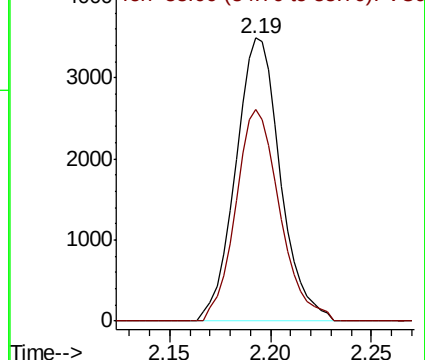
56 100

55 73.9 57.4 86.2



Abundance Ion 56.00 (55.70 to 56.70): VU0

Ion 55.00 (54.70 to 55.70): VU0



#14

Allyl chloride

Concen: 4.81 ug/l

RT: 2.58 min Scan# 439

Delta R.T. -0.01 min

Lab File: VU026693.D

Acq: 12 Sep 2018 10:23

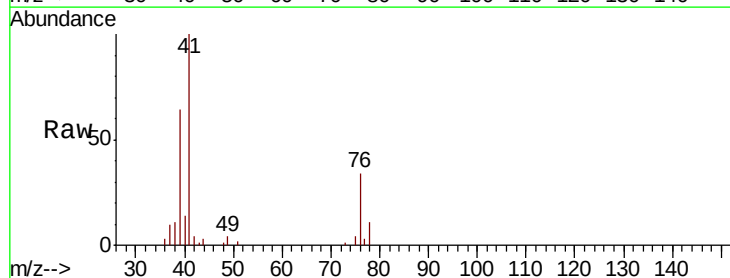
Tgt Ion: 41 Resp: 16977

Ion Ratio Lower Upper

41 100

39 56.4 56.9 85.3#

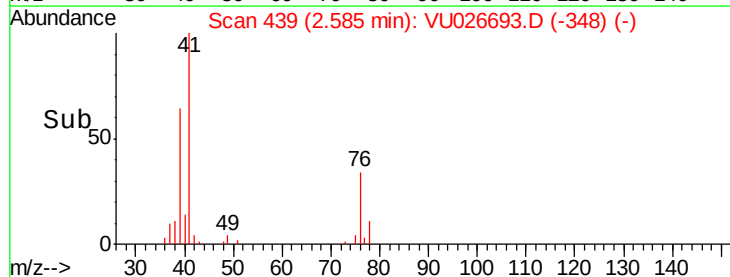
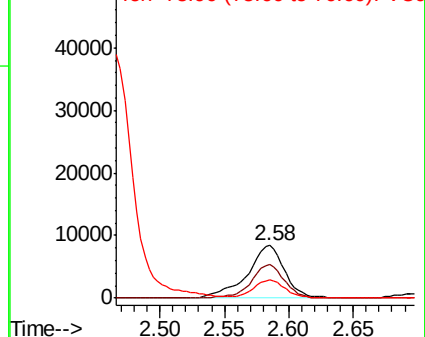
76 29.0 29.7 44.5#

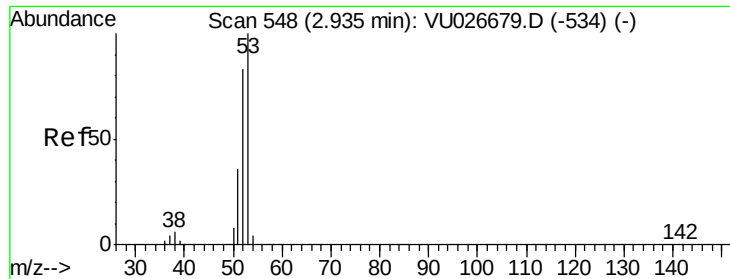


Abundance Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

Ion 75.90 (75.60 to 76.60): VU0





#15

Acrylonitrile

Concen: 29.54 ug/l

RT: 2.94 min Scan# 548

Delta R.T. 0.00 min

Lab File: VU026693.D

Acq: 12 Sep 2018 10:23

Instrument :

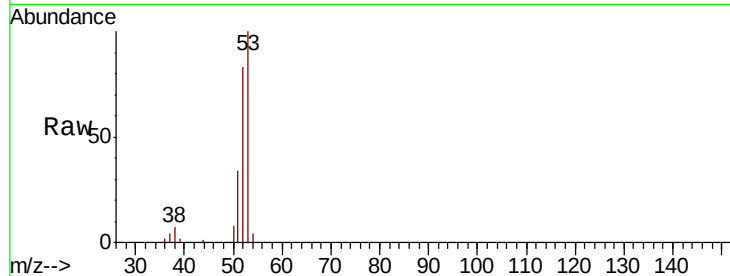
MSVOA_U

ClientSampleId :

EP1-Q2-H7

Tot Ion: 53 Resp: 40016

Ion	Ratio	Lower	Upper
53	100		
52	82.1	65.8	98.8
51	34.3	27.7	41.5

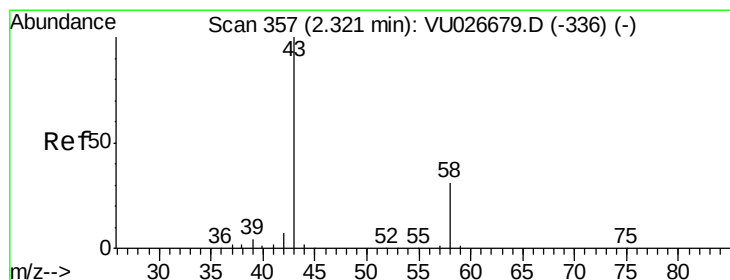
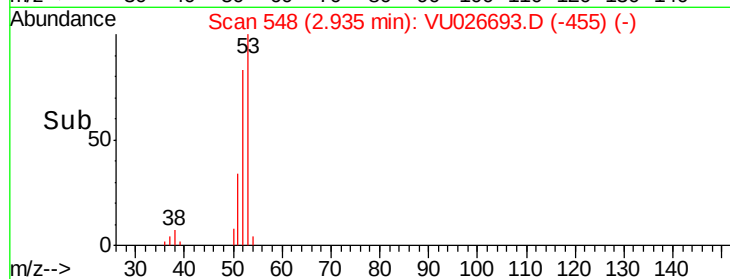
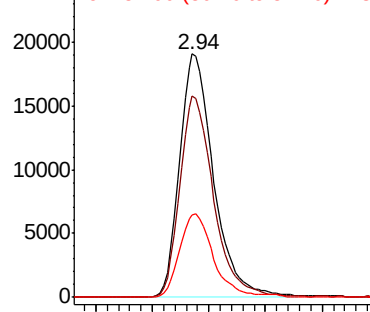


Abundance

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: 17.27 ug/l

RT: 2.33 min Scan# 359

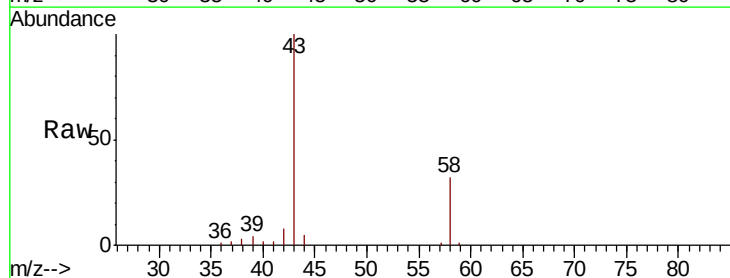
Delta R.T. 0.01 min

Lab File: VU026693.D

Acq: 12 Sep 2018 10:23

Tgt Ion: 43 Resp: 25332

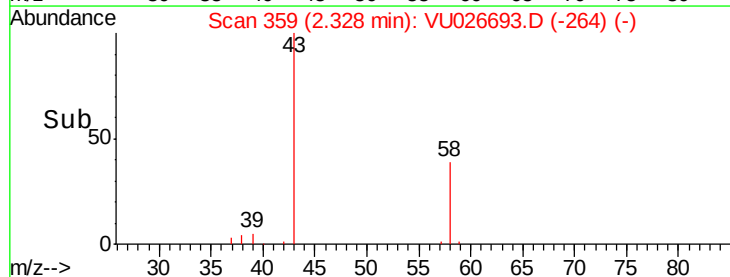
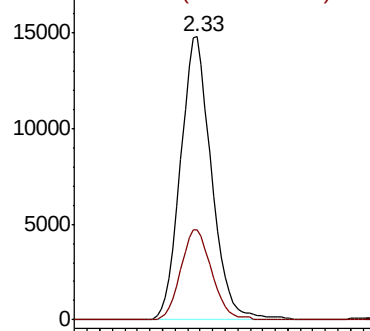
Ion	Ratio	Lower	Upper
43	100		
58	31.9	25.1	37.7

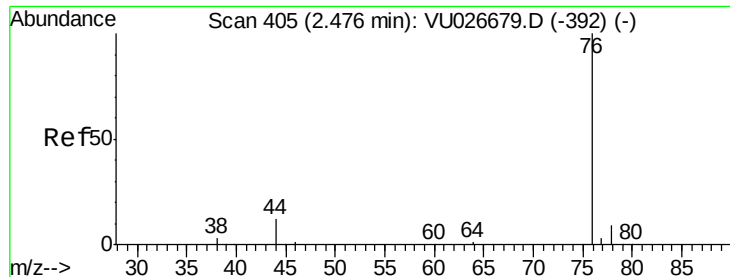


Abundance

Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0





#17

Carbon Disulfide

Concen: 10.68 ug/l

RT: 2.47 min Scan# 402

Delta R.T. -0.01 min

Lab File: VU026693.D

Acq: 12 Sep 2018 10:23

Instrument :

MSVOA_U

ClientSampleId :

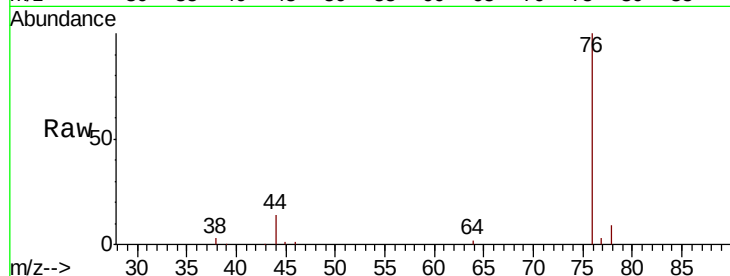
EP1-Q2-H7

Tot Ion: 76 Resp: 66634

Ion Ratio Lower Upper

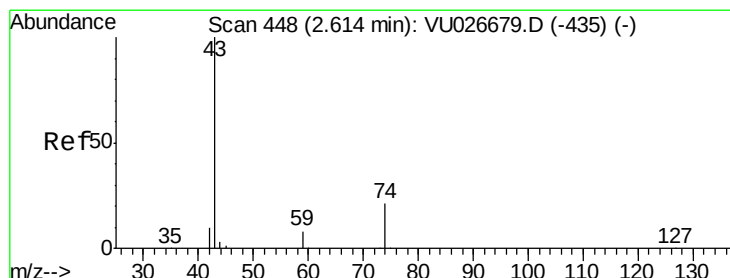
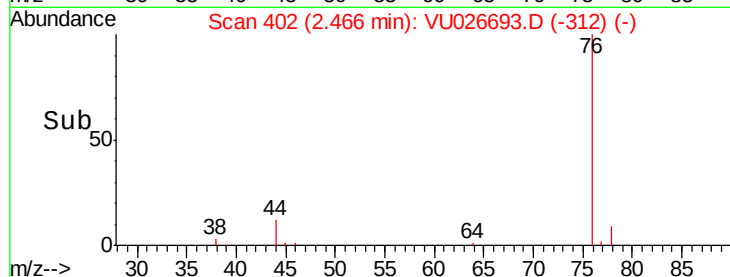
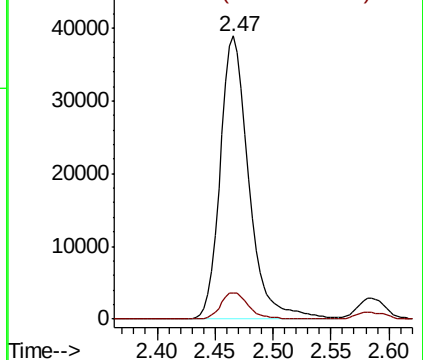
76 100

78 9.4 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VU0

Ion 77.90 (77.60 to 78.60): VU0



#18

Methyl Acetate

Concen: 2.28 ug/l

RT: 2.61 min Scan# 448

Delta R.T. 0.00 min

Lab File: VU026693.D

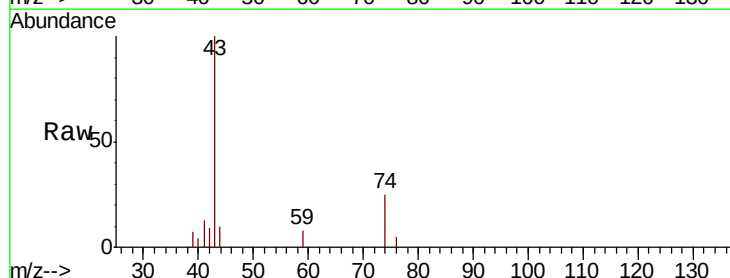
Acq: 12 Sep 2018 10:23

Tgt Ion: 43 Resp: 7233

Ion Ratio Lower Upper

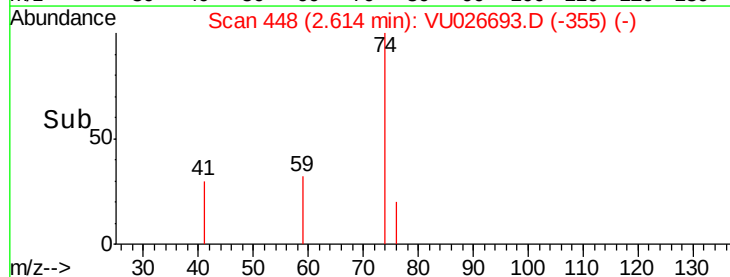
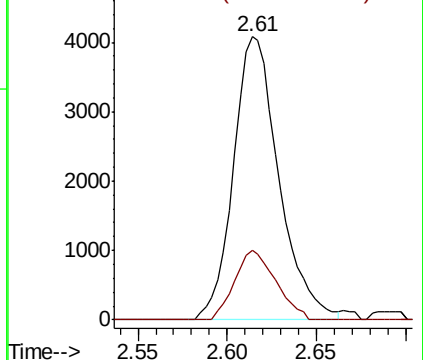
43 100

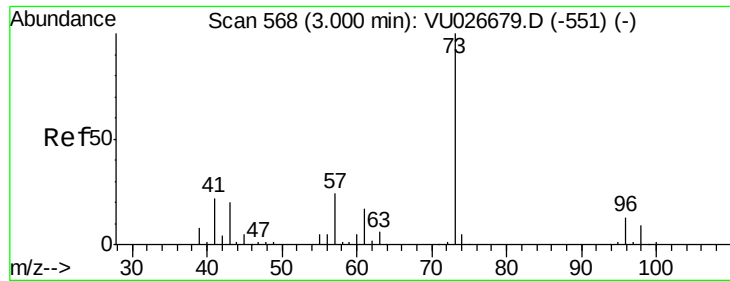
74 22.2 17.7 26.5



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 74.00 (73.70 to 74.70): VU0

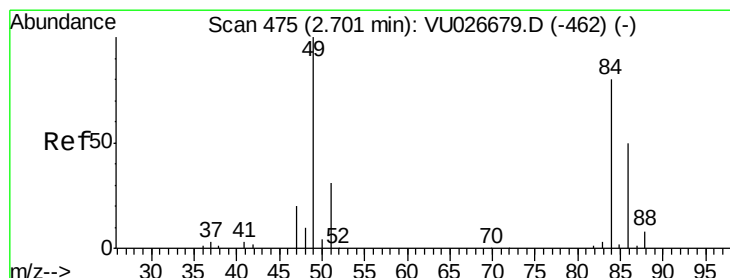
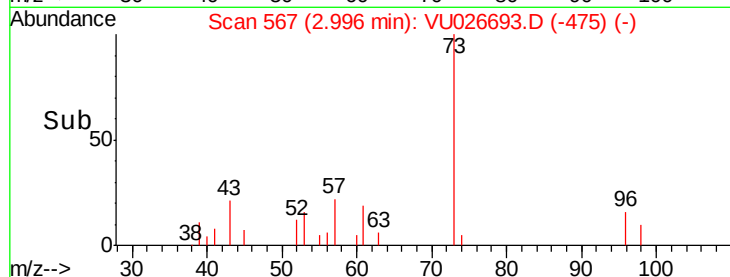
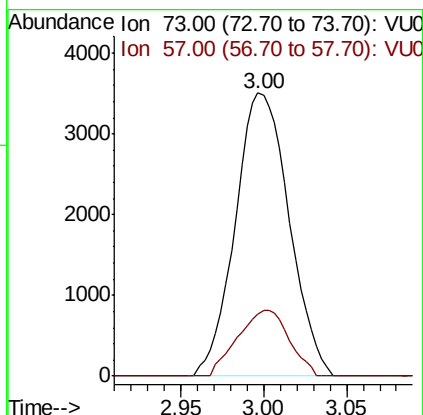
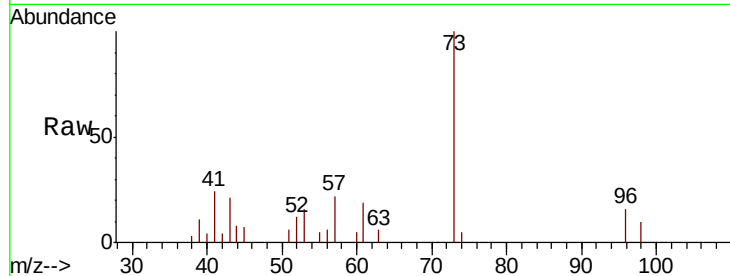




#19
Methvl tert-butvl Ether
Concen: 1.17 ug/l
RT: 3.00 min Scan# 567
Delta R.T. -0.00 min
Lab File: VU026693.D
Acq: 12 Sep 2018 10:23

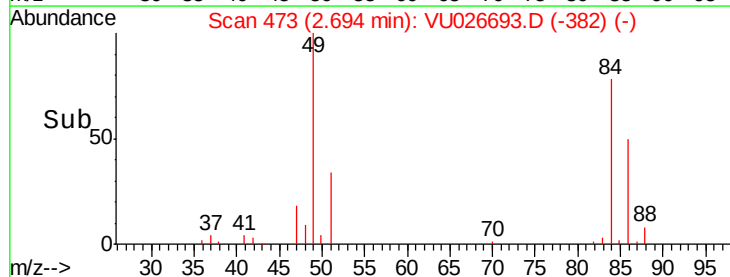
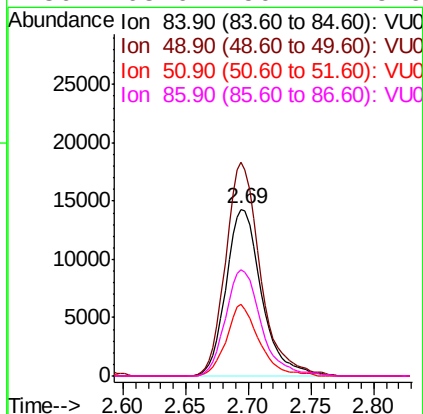
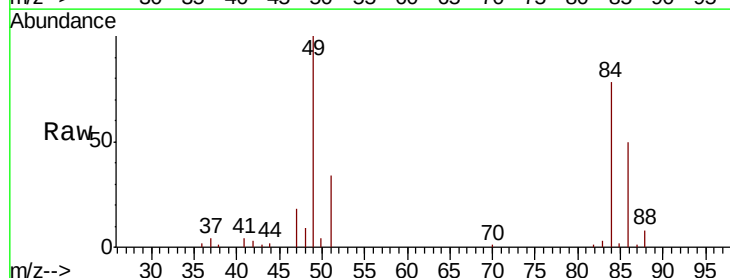
Instrument :
MSVOA_U
ClientSampleId :
EP1-Q2-H7

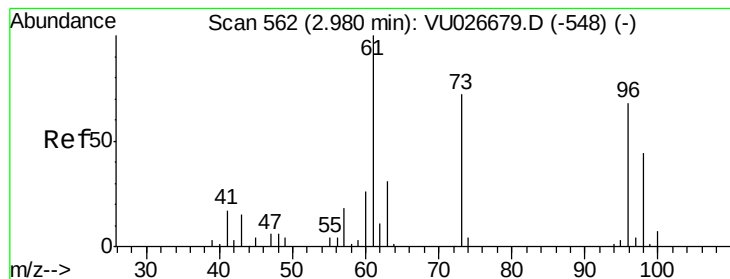
Tot Ion: 73 Resp: 7899
Ion Ratio Lower Upper
73 100
57 21.9 18.9 28.3



#20
Methylene Chloride
Concen: 11.82 ug/l
RT: 2.69 min Scan# 473
Delta R.T. -0.01 min
Lab File: VU026693.D
Acq: 12 Sep 2018 10:23

Tgt Ion: 84 Resp: 28119
Ion Ratio Lower Upper
84 100
49 128.1 100.6 151.0
51 43.0 30.9 46.3
86 63.6 50.4 75.6





#21

trans-1,2-Dichloroethene

Concen: 2.07 ug/l

RT: 2.97 min Scan# 560

Delta R.T. -0.01 min

Lab File: VU026693.D

Acq: 12 Sep 2018 10:23

Instrument :

MSVOA_U

ClientSampleId :

EP1-Q2-H7

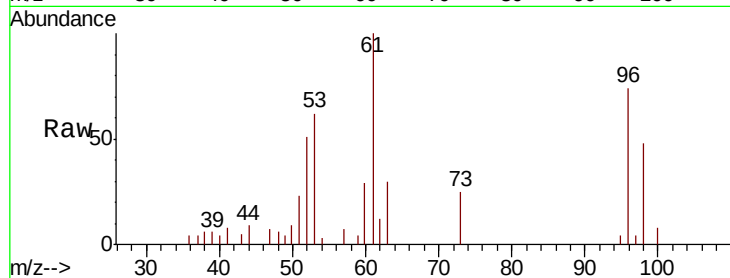
Tot Ion: 96 Resp: 4282

Ion Ratio Lower Upper

96 100

61 134.4 117.7 176.5

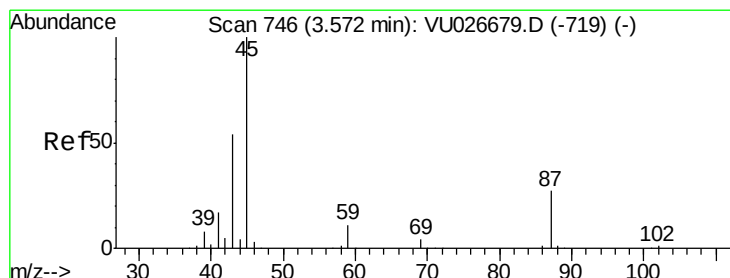
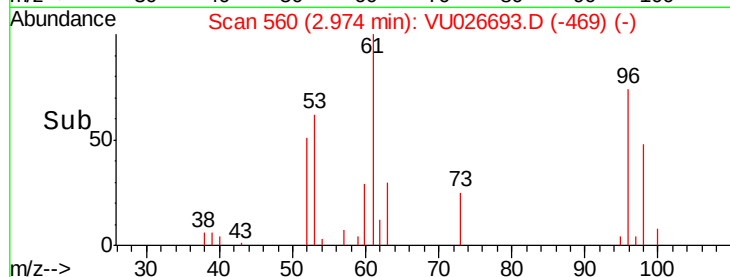
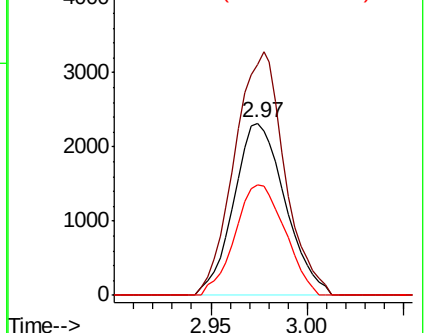
98 64.2 52.0 78.0



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



#22

Diisopropyl ether

Concen: 3.94 ug/l

RT: 3.57 min Scan# 745

Delta R.T. -0.00 min

Lab File: VU026693.D

Acq: 12 Sep 2018 10:23

Tgt Ion: 45 Resp: 29065

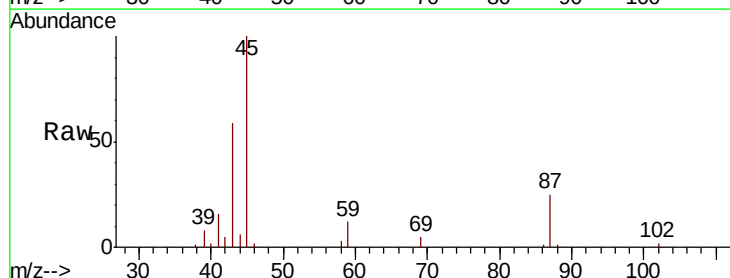
Ion Ratio Lower Upper

45 100

43 57.3 44.6 67.0

87 24.8 21.4 32.0

59 12.2 9.0 13.4

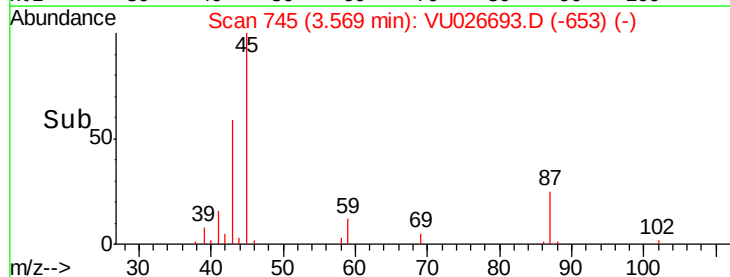
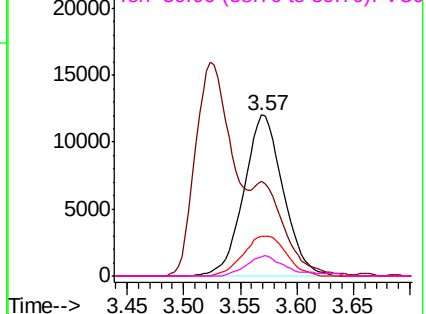


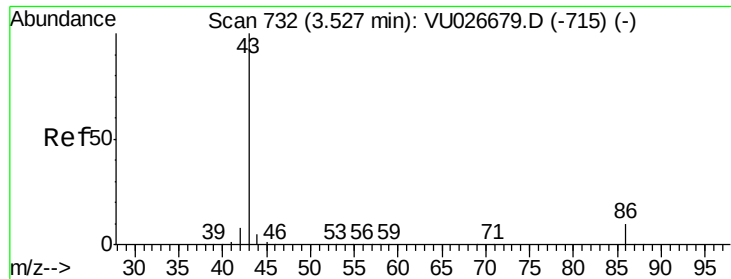
Abundance Ion 45.00 (44.70 to 45.70): VU0

Ion 43.00 (42.70 to 43.70): VU0

Ion 87.00 (86.70 to 87.70): VU0

Ion 59.00 (58.70 to 59.70): VU0





#23

Vinyl Acetate

Concen: 5.98 ug/l

RT: 3.52 min Scan# 731

Delta R.T. -0.00 min

Lab File: VU026693.D

Acq: 12 Sep 2018 10:23

Instrument :

MSVOA_U

ClientSampled :

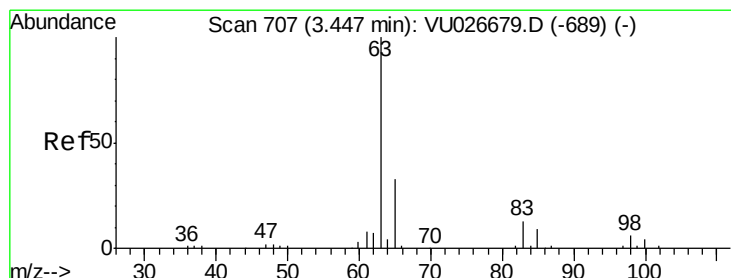
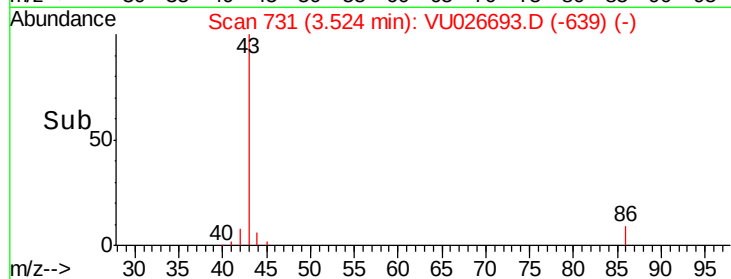
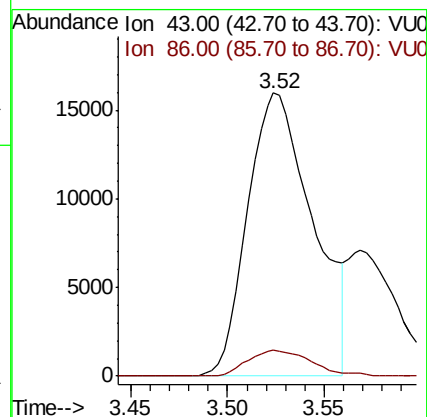
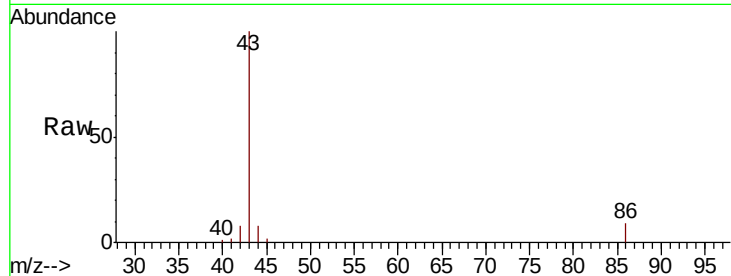
EP1-Q2-H7

Tot Ion: 43 Resp: 37440

Ion Ratio Lower Upper

43 100

86 9.2 7.8 11.8



#24

1,1-Dichloroethane

Concen: 2.94 ug/l

RT: 3.44 min Scan# 705

Delta R.T. -0.01 min

Lab File: VU026693.D

Acq: 12 Sep 2018 10:23

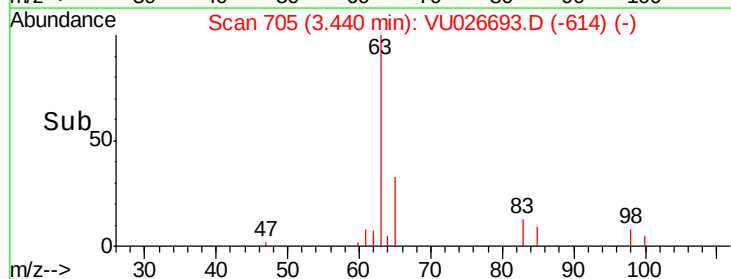
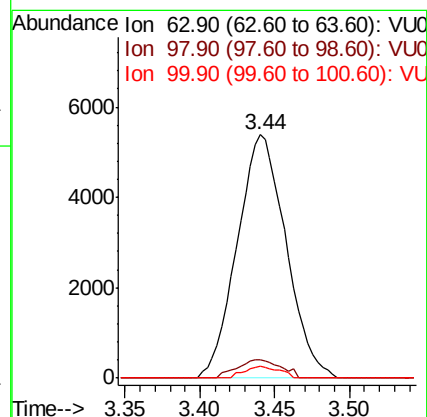
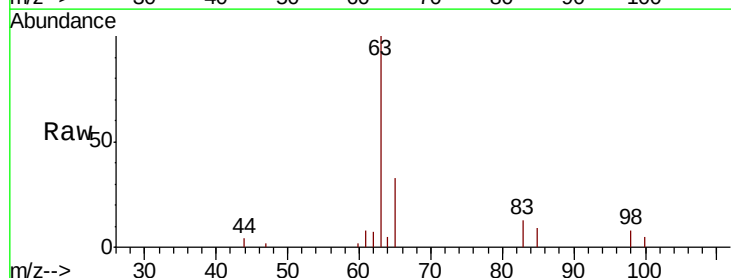
Tgt Ion: 63 Resp: 12220

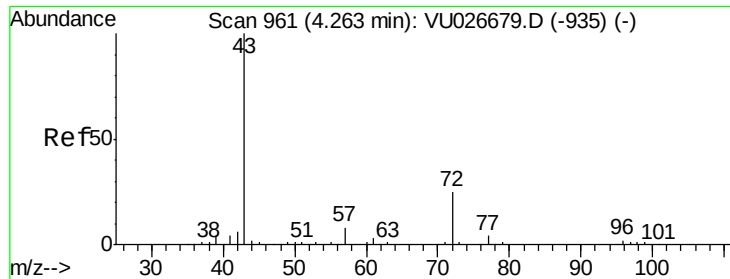
Ion Ratio Lower Upper

63 100

98 7.6 3.1 9.4

100 4.8 2.0 6.0





#25

2-Butanone

Concen: 2.59 ug/l

RT: 4.28 min Scan# 965

Delta R.T. 0.01 min

Lab File: VU026693.D

Acq: 12 Sep 2018 10:23

Instrument :

MSVOA_U

ClientSampleId :

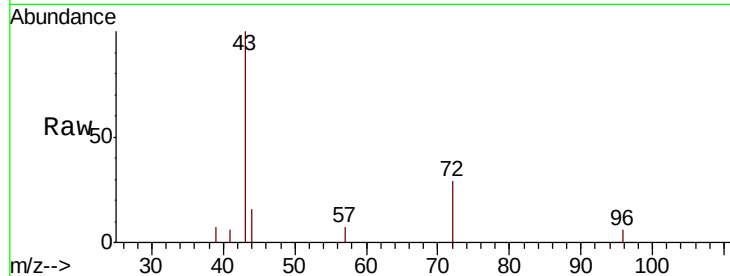
EP1-Q2-H7

Tot Ion: 43 Resp: 5114

Ion Ratio Lower Upper

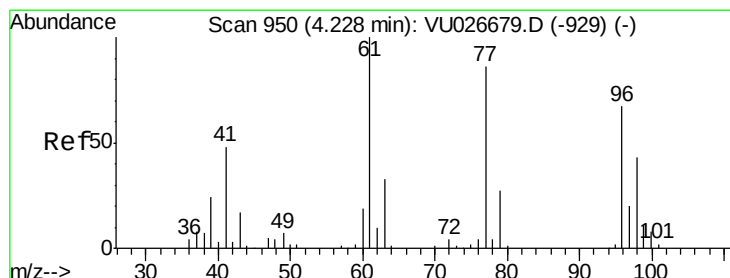
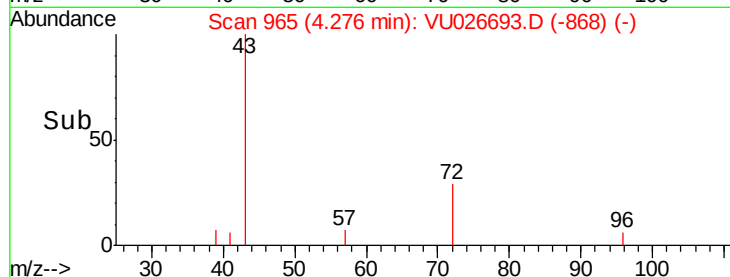
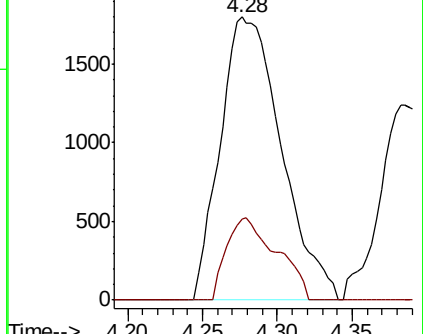
43 100

72 28.8 20.3 30.5



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 72.00 (71.70 to 72.70): VU0



#26

2,2-Dichloropropane

Concen: 2.35 ug/l

RT: 4.22 min Scan# 947

Delta R.T. -0.01 min

Lab File: VU026693.D

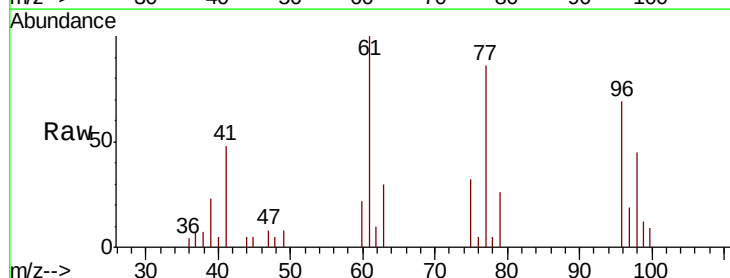
Acq: 12 Sep 2018 10:23

Tgt Ion: 77 Resp: 8030

Ion Ratio Lower Upper

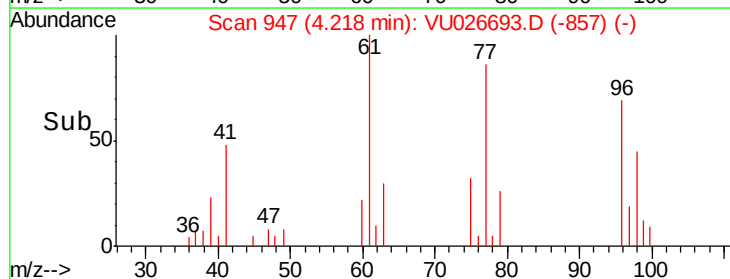
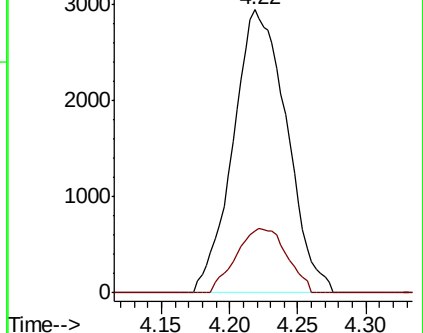
77 100

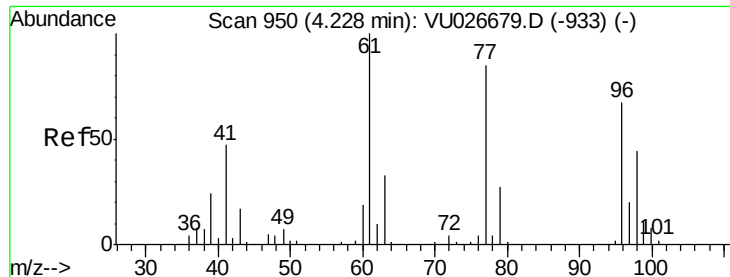
97 21.6 11.6 34.8



Abundance Ion 76.90 (76.60 to 77.60): VU0

Ion 96.90 (96.60 to 97.60): VU0





#27

cis-1,2-Dichloroethene

Concen: 2.54 ug/l

RT: 4.22 min Scan# 948

Delta R.T. -0.01 min

Lab File: VU026693.D

Acq: 12 Sep 2018 10:23

Instrument :

MSVOA_U

ClientSampleId :

EP1-Q2-H7

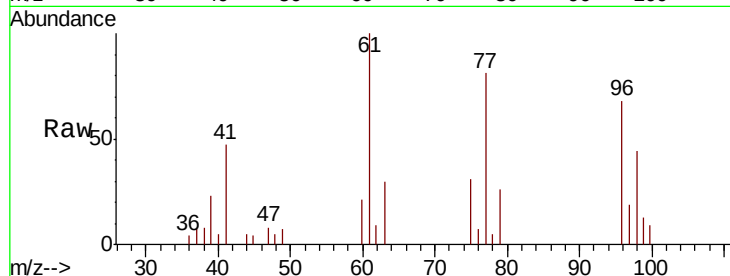
Tot Ion: 96 Resp: 6045

Ion Ratio Lower Upper

96 100

61 143.4 0.0 301.8

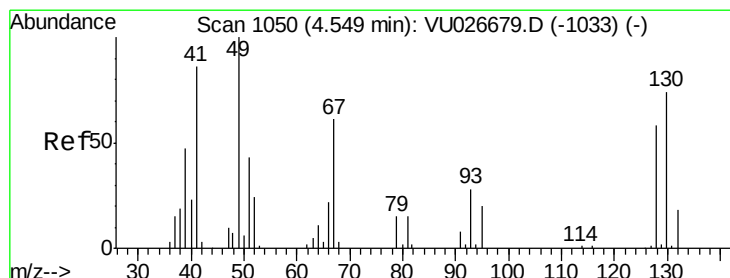
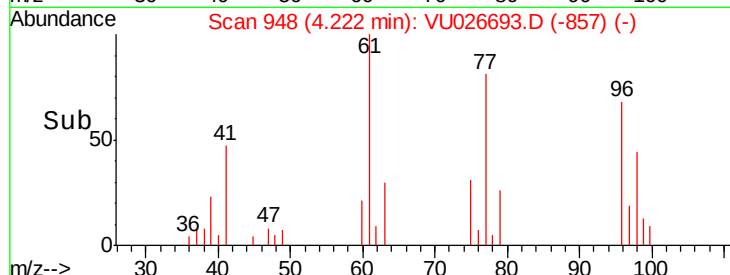
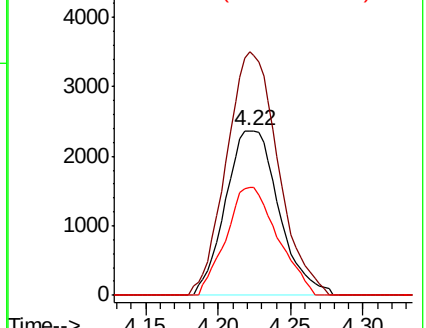
98 63.4 0.0 127.2



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: 4.12 ug/l

RT: 4.55 min Scan# 1049

Delta R.T. -0.00 min

Lab File: VU026693.D

Acq: 12 Sep 2018 10:23

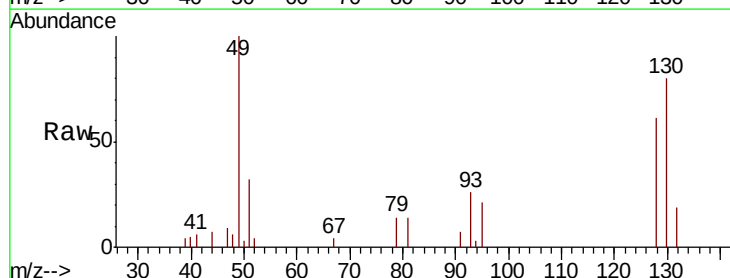
Tgt Ion: 49 Resp: 8190

Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.8

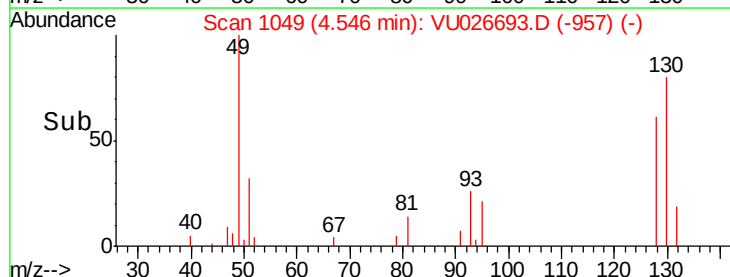
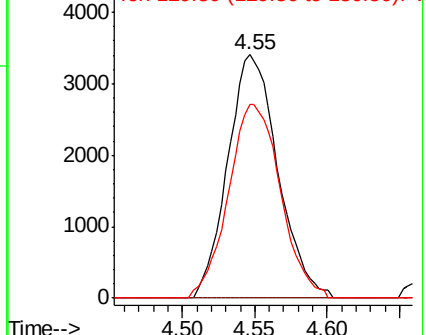
130 82.5 59.8 89.6

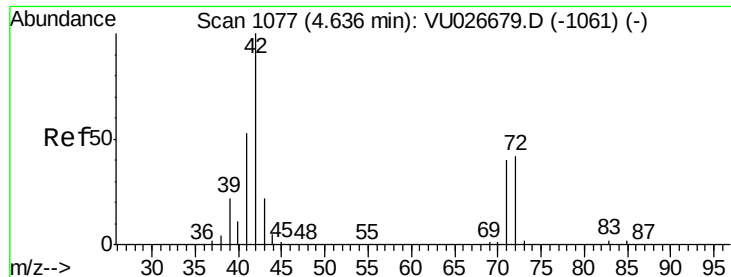


Abundance Ion 48.90 (48.60 to 49.60): VU0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

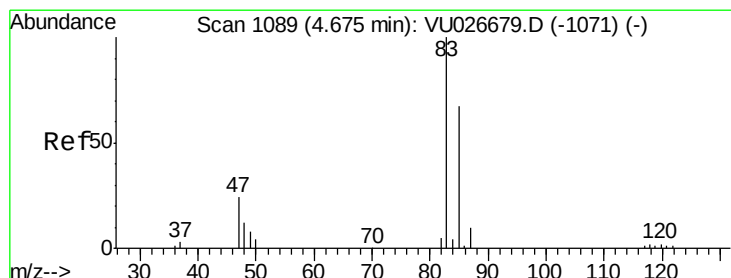
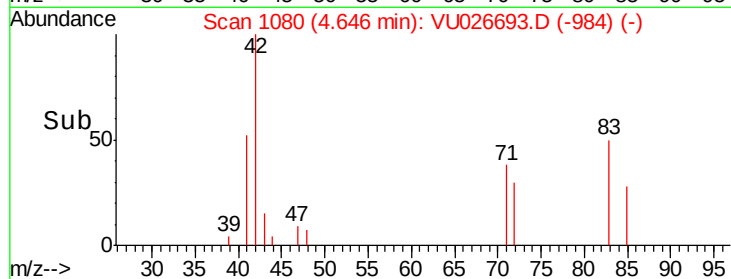
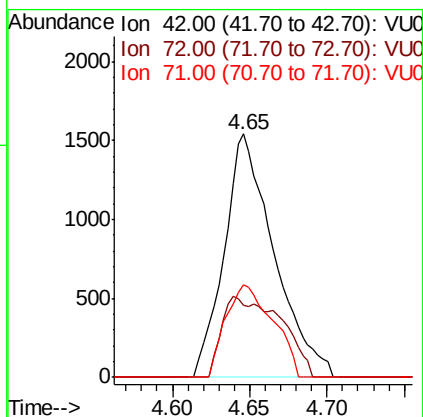
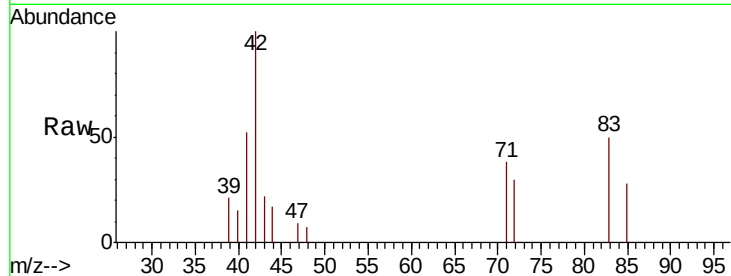




#29
Tetrahydrofuran
Concen: 2.89 ug/l
RT: 4.65 min Scan# 1080
Delta R.T. 0.01 min
Lab File: VU026693.D
Acq: 12 Sep 2018 10:23

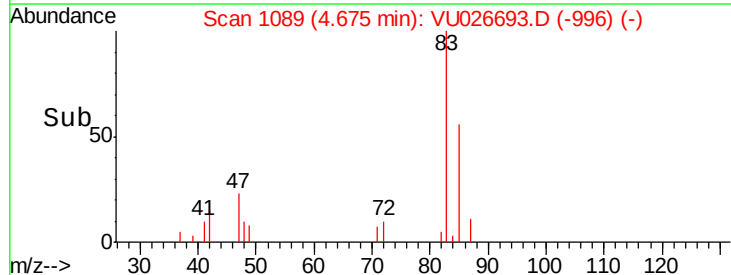
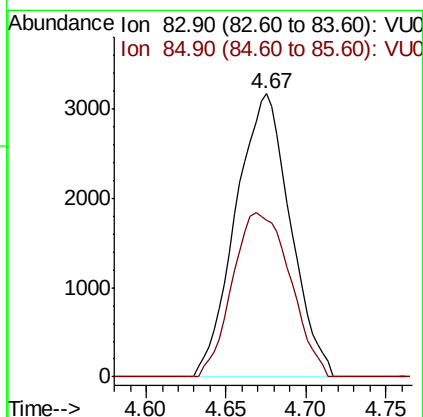
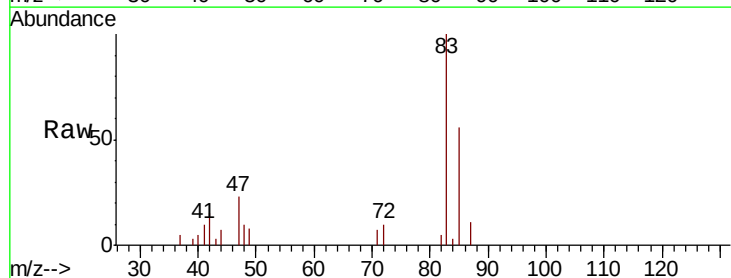
Instrument :
MSVOA_U
ClientSampleId :
EP1-Q2-H7

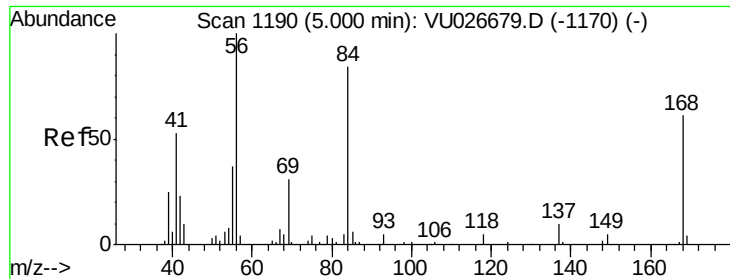
Tot Ion: 42 Resp: 3448
Ion Ratio Lower Upper
42 100
72 39.5 34.4 51.6
71 36.0 32.4 48.6



#30
Chloroform
Concen: 1.82 ug/l
RT: 4.67 min Scan# 1089
Delta R.T. 0.00 min
Lab File: VU026693.D
Acq: 12 Sep 2018 10:23

Tgt Ion: 83 Resp: 7429
Ion Ratio Lower Upper
83 100
85 55.5 53.3 79.9

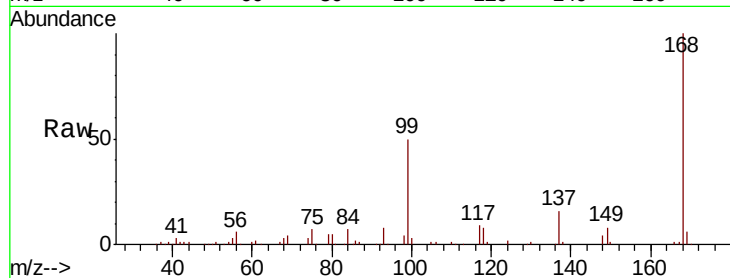




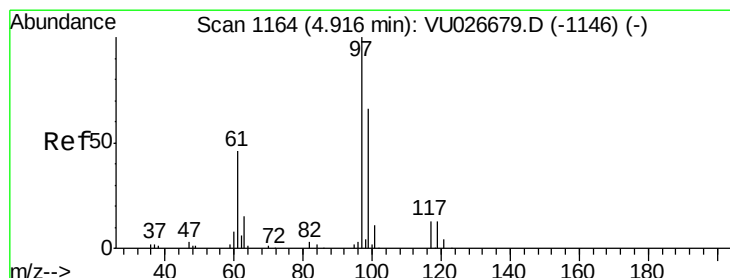
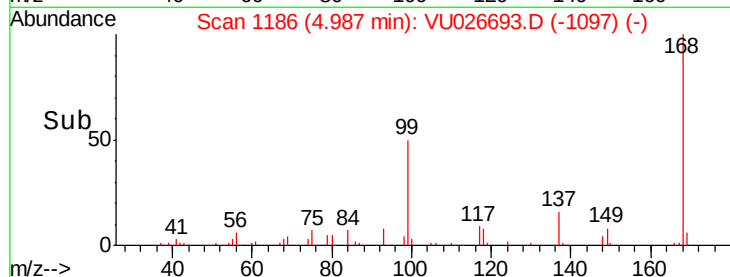
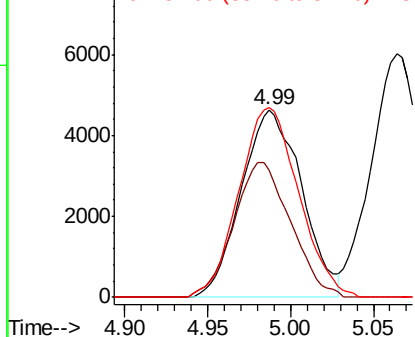
#31
Cyclohexane
Concen: 2.92 ug/l
RT: 4.99 min Scan# 1186
Delta R.T. -0.01 min
Lab File: VU026693.D
Acq: 12 Sep 2018 10:23

Instrument :
MSVOA_U
ClientSampleId :
EP1-Q2-H7

Tot Ion: 56 Resp: 11739
Ion Ratio Lower Upper
56 100
69 68.1 24.9 37.3#
84 101.0 66.6 100.0#

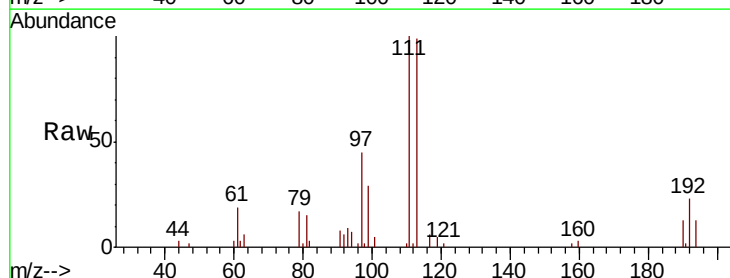


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

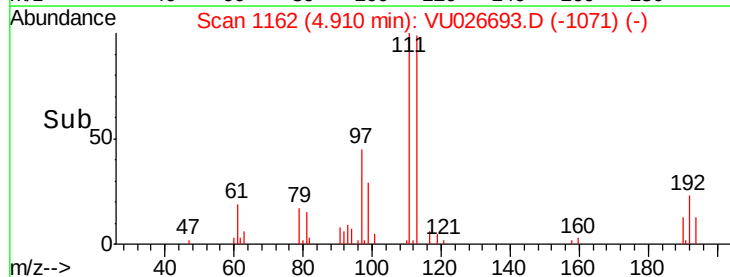
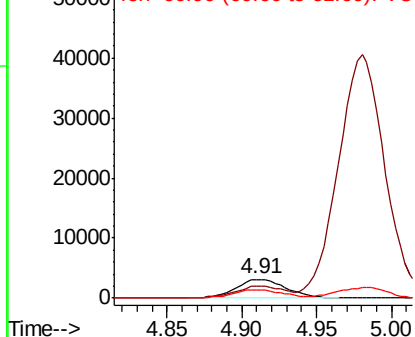


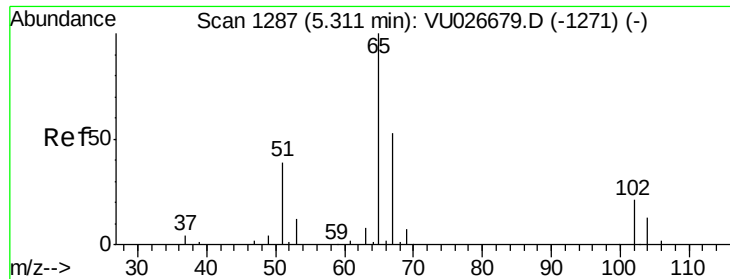
#32
1,1,1-Trichloroethane
Concen: 2.16 ug/l
RT: 4.91 min Scan# 1162
Delta R.T. -0.01 min
Lab File: VU026693.D
Acq: 12 Sep 2018 10:23

Tgt Ion: 97 Resp: 7317
Ion Ratio Lower Upper
97 100
99 62.8 52.2 78.2
61 43.2 36.8 55.2



Abundance Ion 96.90 (96.60 to 97.60): VU0
Ion 98.90 (98.60 to 99.60): VU0
Ion 60.90 (60.60 to 61.60): VU0

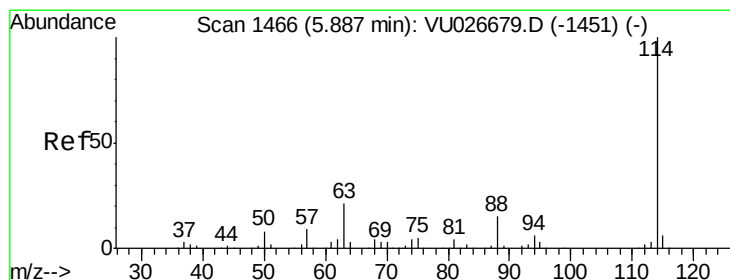
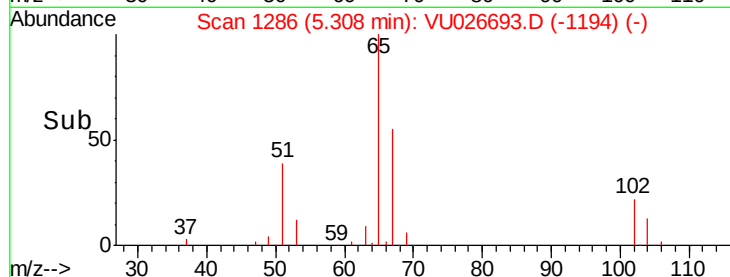
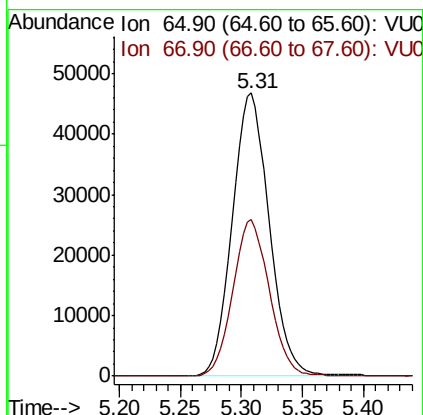
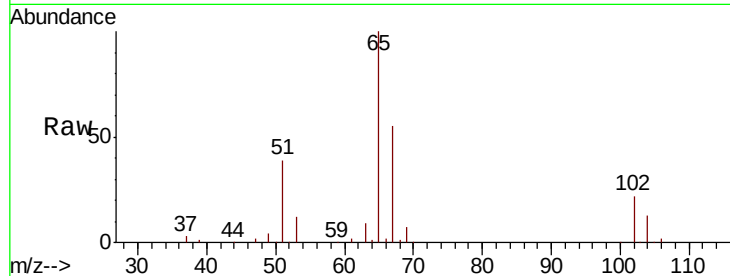




#33
 1,2-Dichloroethane-d4
 Concen: 37.85 ug/l
 RT: 5.31 min Scan# 1286
 Delta R.T. -0.00 min
 Lab File: VU026693.D
 Acq: 12 Sep 2018 10:23

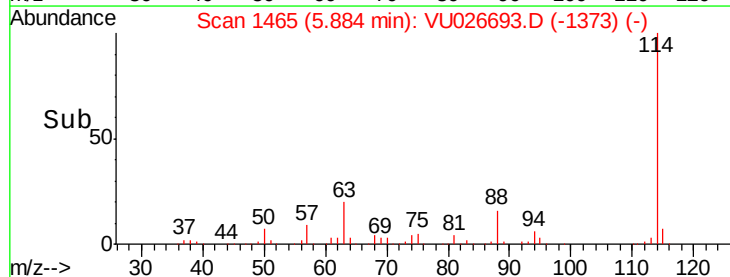
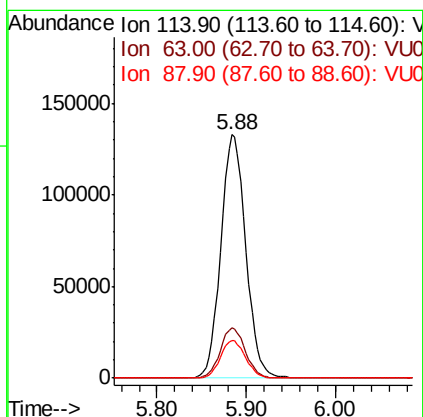
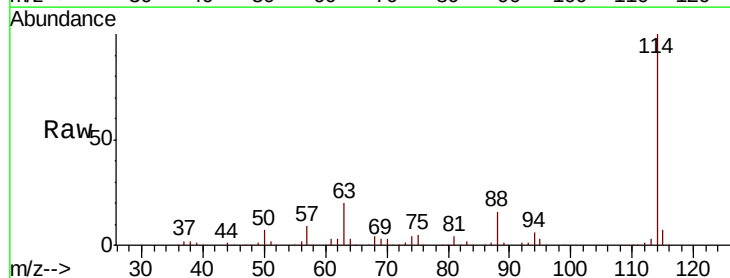
Instrument :
 MSVOA_U
 ClientSampled :
 EP1-Q2-H7

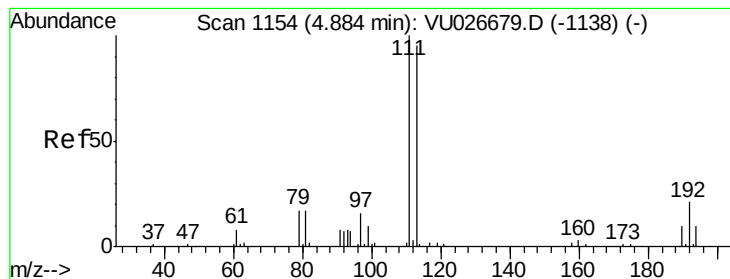
Tot Ion: 65 Resp: 98093
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 106.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.88 min Scan# 1465
 Delta R.T. -0.00 min
 Lab File: VU026693.D
 Acq: 12 Sep 2018 10:23

Tgt Ion: 114 Resp: 257054
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 41.4
 88 15.7 0.0 30.8





#35

Dibromofluoromethane

Concen: 44.38 ug/l

RT: 4.88 min Scan# 1153

Delta R.T. -0.00 min

Lab File: VU026693.D

Acq: 12 Sep 2018 10:23

Instrument :

MSVOA_U

ClientSampleId :

EP1-Q2-H7

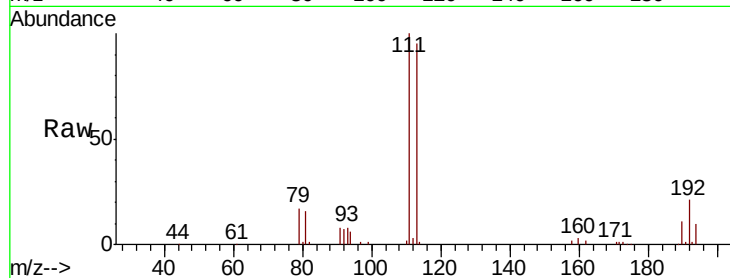
Tot Ion:113 Resp: 93062

Ion Ratio Lower Upper

113 100

111 101.6 83.1 124.7

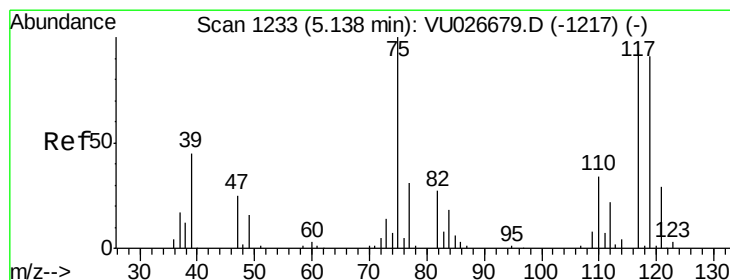
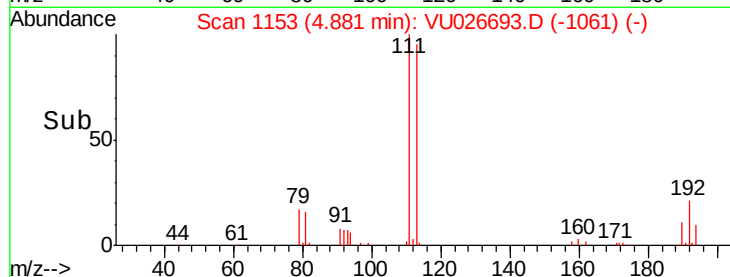
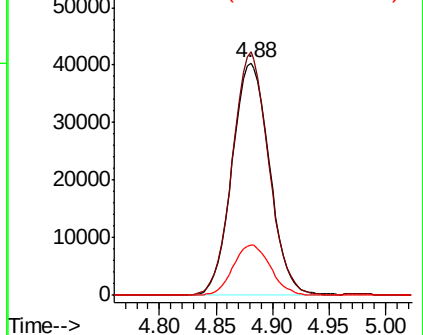
192 21.6 17.4 26.2



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: 2.99 ug/l

RT: 5.13 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VU026693.D

Acq: 12 Sep 2018 10:23

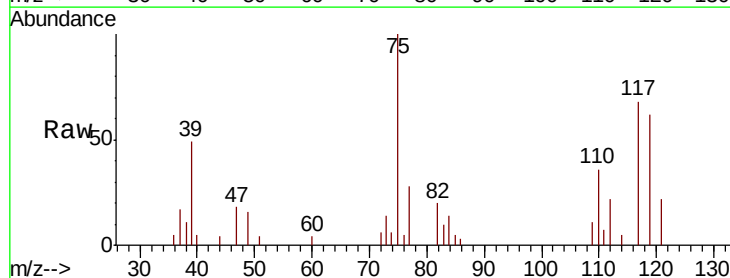
Tgt Ion: 75 Resp: 8628

Ion Ratio Lower Upper

75 100

110 36.6 17.3 51.9

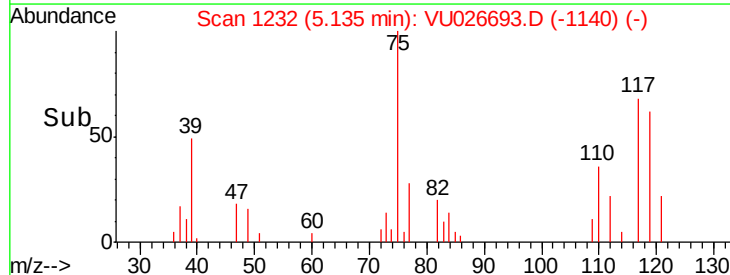
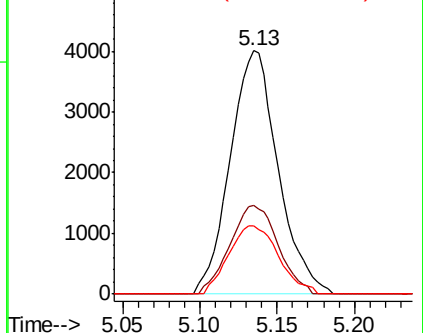
77 29.2 24.9 37.3

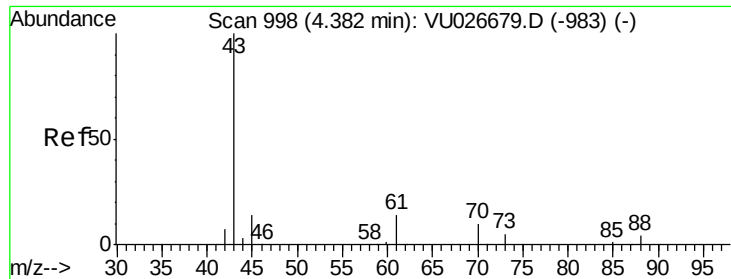


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VU0

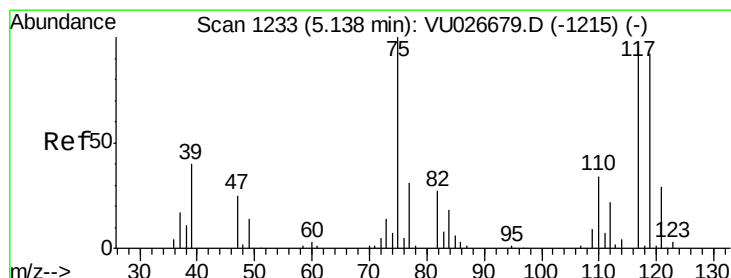
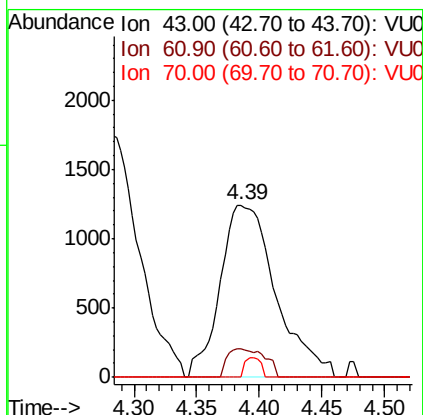
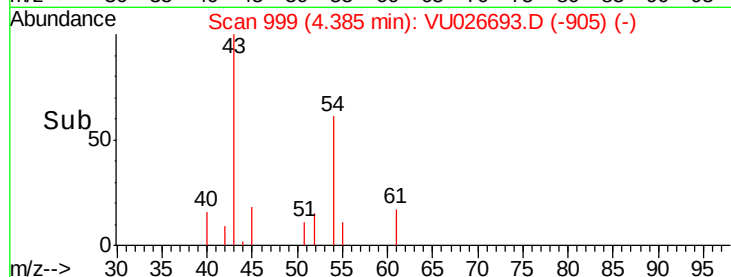
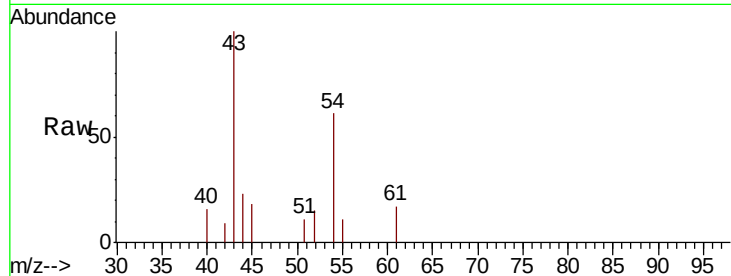




#37
Ethyl Acetate
Concen: 1.11 ug/l
RT: 4.39 min Scan# 999
Delta R.T. 0.00 min
Lab File: VU026693.D
Acq: 12 Sep 2018 10:23

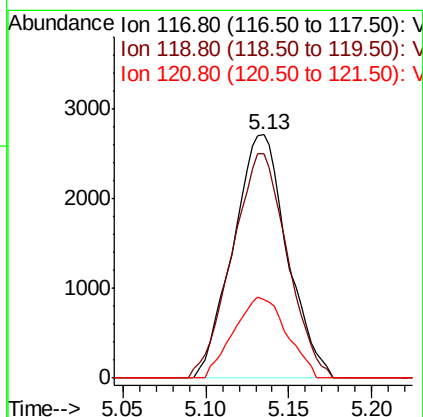
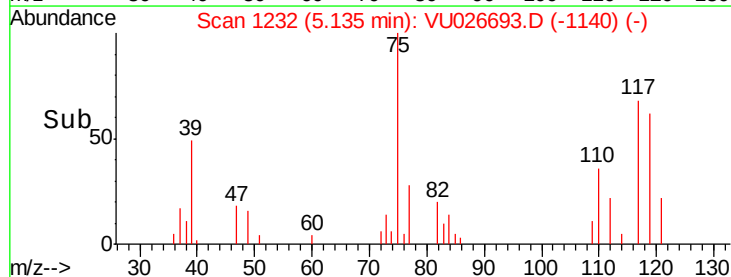
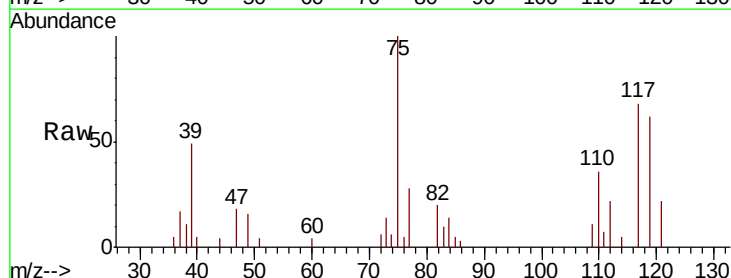
Instrument :
MSVOA_U
ClientSampleId :
EP1-Q2-H7

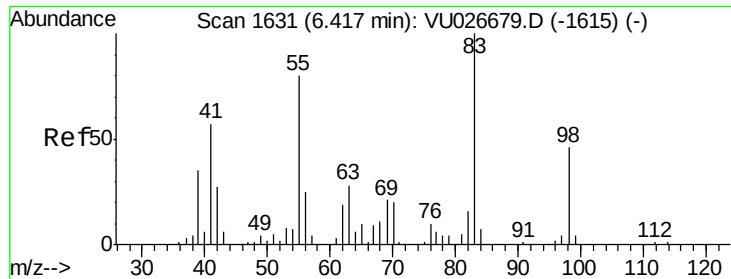
Tot Ion: 43 Resp: 3852
Ion Ratio Lower Upper
43 100
61 11.1 11.5 17.3#
70 3.2 7.8 11.8#



#38
Carbon Tetrachloride
Concen: 2.02 ug/l
RT: 5.13 min Scan# 1232
Delta R.T. -0.00 min
Lab File: VU026693.D
Acq: 12 Sep 2018 10:23

Tgt Ion: 117 Resp: 6149
Ion Ratio Lower Upper
117 100
119 92.1 77.8 116.8
121 32.2 25.0 37.4

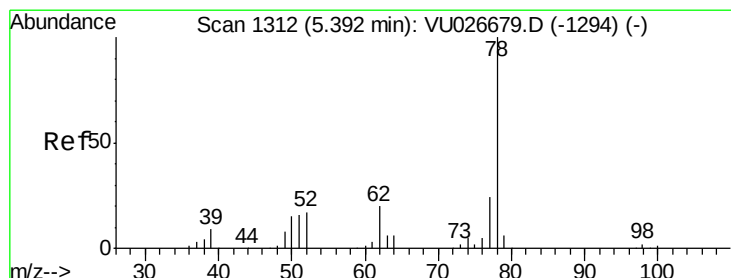
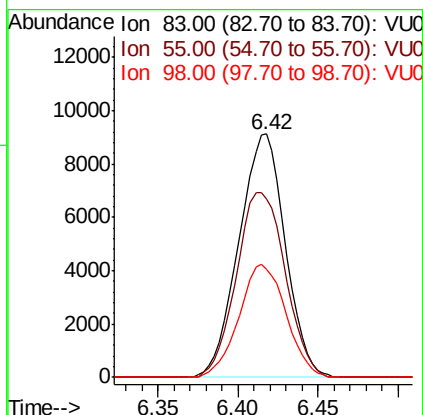
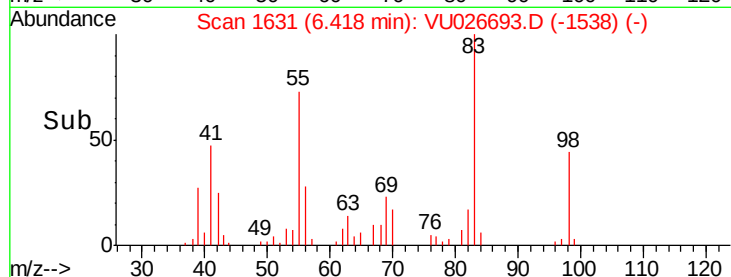
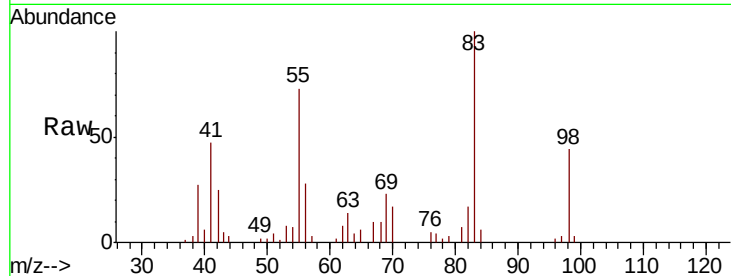




#39
Methylvlcyclohexane
Concen: 5.27 ug/l
RT: 6.42 min Scan# 1631
Delta R.T. 0.00 min
Lab File: VU026693.D
Acq: 12 Sep 2018 10:23

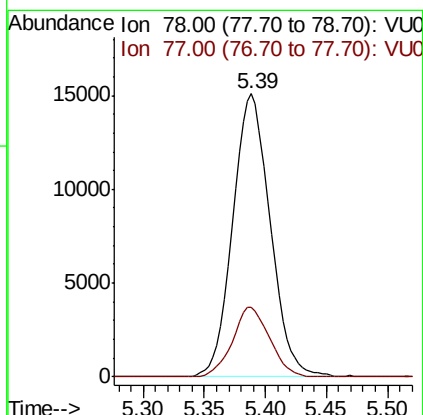
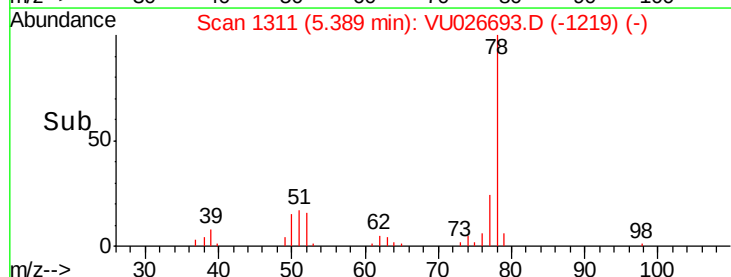
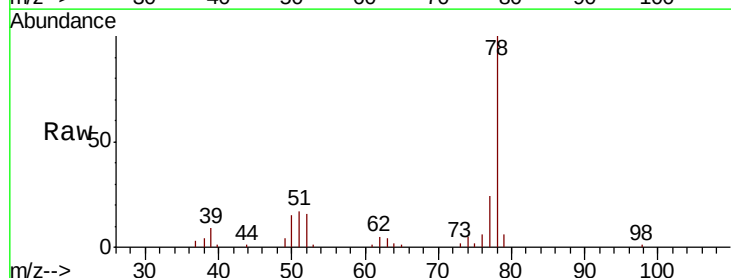
Instrument :
MSVOA_U
ClientSampleId :
EP1-Q2-H7

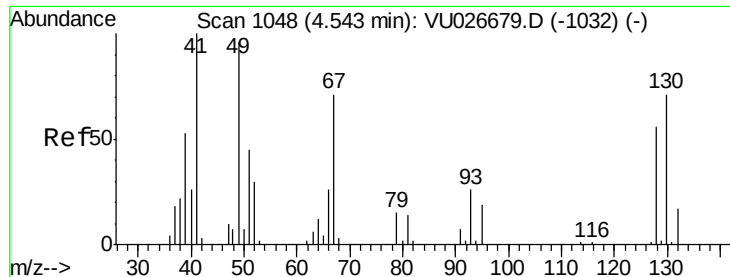
Tot Ion: 83 Resp: 18068
Ion Ratio Lower Upper
83 100
55 73.4 63.8 95.6
98 44.2 37.2 55.8



#40
Benzene
Concen: 3.58 ug/l
RT: 5.39 min Scan# 1311
Delta R.T. -0.00 min
Lab File: VU026693.D
Acq: 12 Sep 2018 10:23

Tgt Ion: 78 Resp: 32116
Ion Ratio Lower Upper
78 100
77 24.4 19.5 29.3

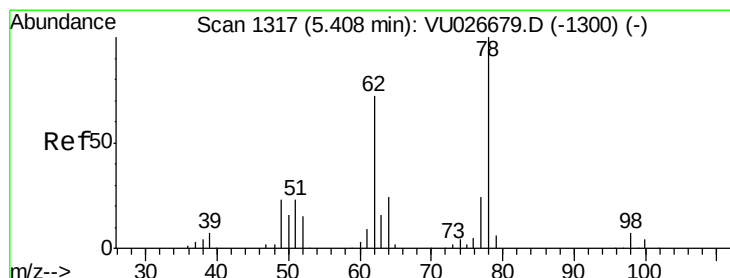
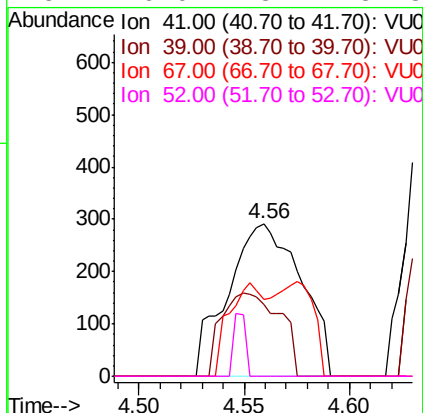
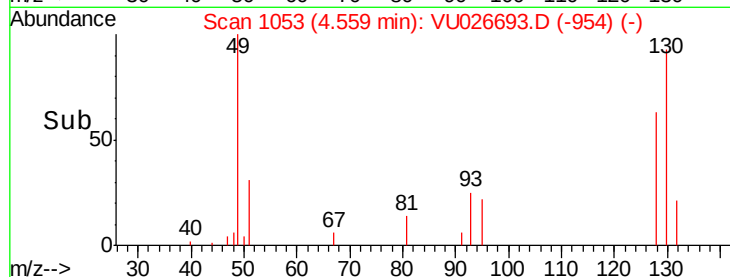
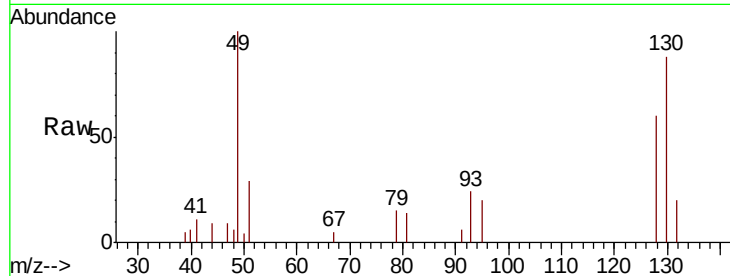




#41
Methacrylonitrile
Concen: 1.10 ug/l
RT: 4.56 min Scan# 1053
Delta R.T. 0.02 min
Lab File: VU026693.D
Acq: 12 Sep 2018 10:23

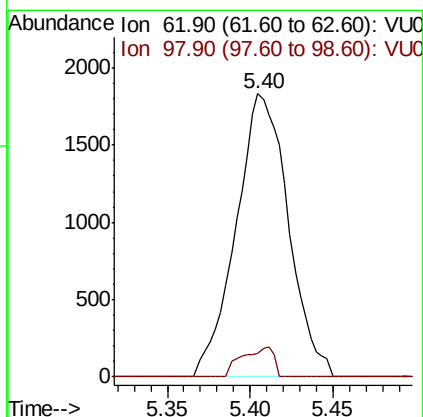
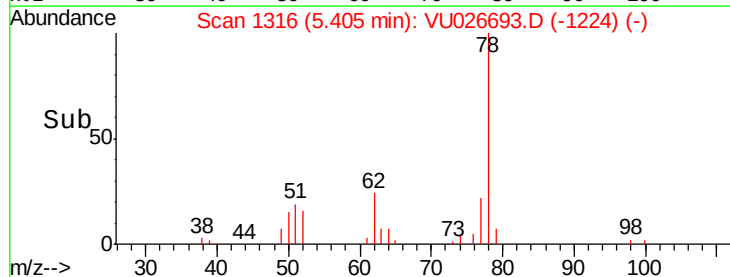
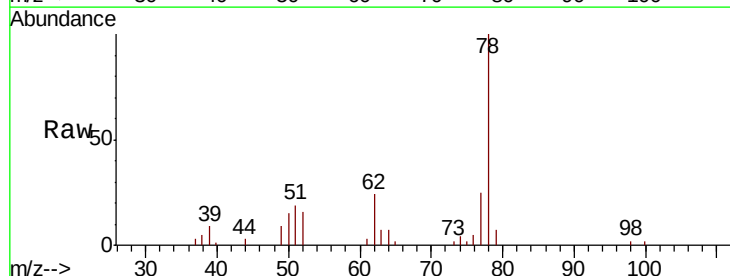
Instrument :
MSVOA_U
ClientSampleId :
EP1-Q2-H7

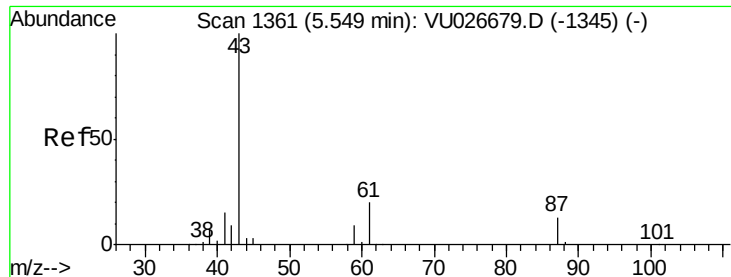
Tot Ion: 41 Resp: 708
Ion Ratio Lower Upper
41 100
39 42.8 42.9 64.3#
67 27.8 56.6 84.8#
52 0.0 23.2 34.8#



#42
1,2-Dichloroethane
Concen: 1.26 ug/l
RT: 5.40 min Scan# 1316
Delta R.T. -0.00 min
Lab File: VU026693.D
Acq: 12 Sep 2018 10:23

Tgt Ion: 62 Resp: 4016
Ion Ratio Lower Upper
62 100
98 6.3 0.0 17.8





#43

Isopropyl Acetate

Concen: 2.12 ug/l

RT: 5.55 min Scan# 1362

Delta R.T. 0.00 min

Lab File: VU026693.D

Acq: 12 Sep 2018 10:23

Instrument :

MSVOA_U

ClientSampleId :

EP1-Q2-H7

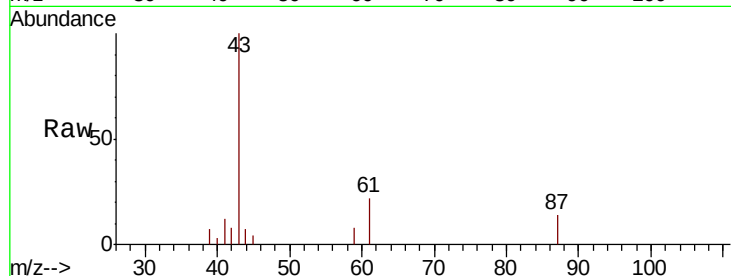
Tot Ion: 43 Resp: 11196

Ion Ratio Lower Upper

43 100

61 19.0 16.0 24.0

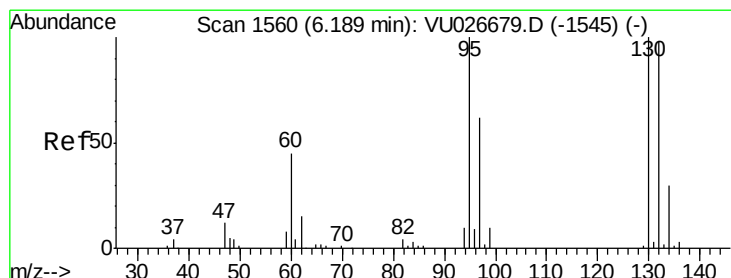
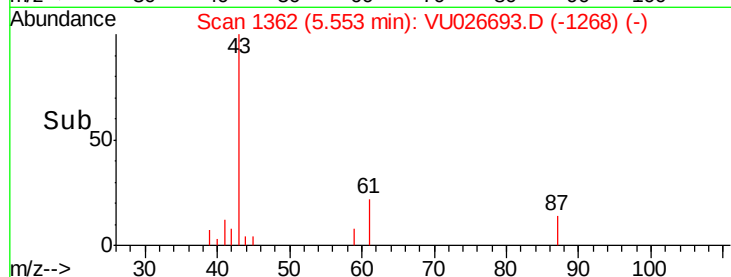
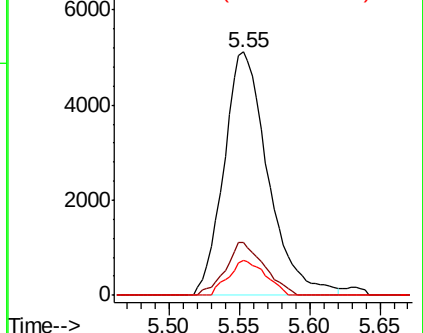
87 11.9 10.1 15.1



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 87.00 (86.70 to 87.70): VU0



#44

Trichloroethene

Concen: 3.20 ug/l

RT: 6.19 min Scan# 1559

Delta R.T. -0.00 min

Lab File: VU026693.D

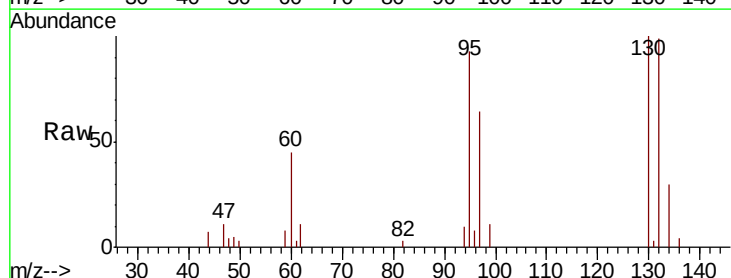
Acq: 12 Sep 2018 10:23

Tgt Ion:130 Resp: 7104

Ion Ratio Lower Upper

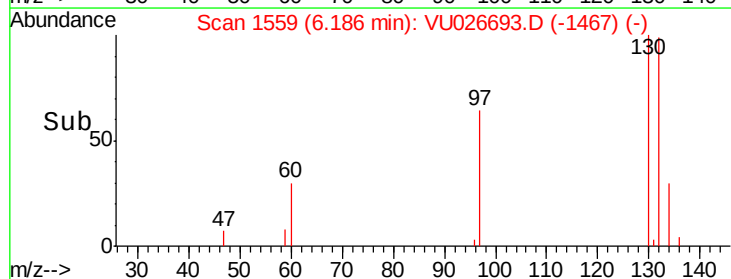
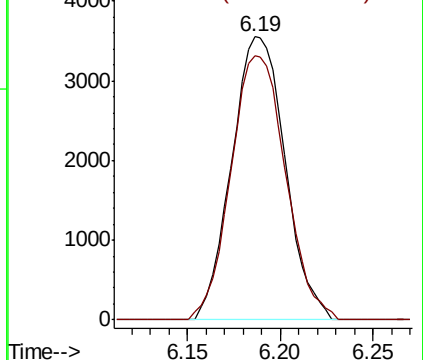
130 100

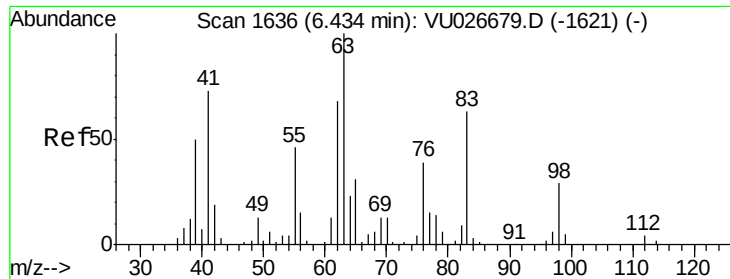
95 93.5 0.0 199.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VU0

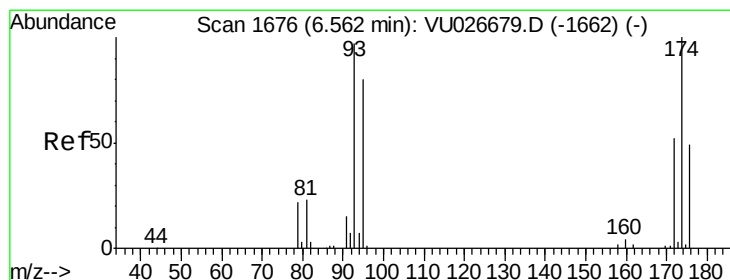
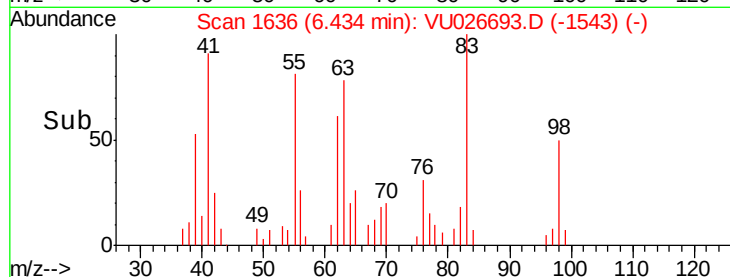
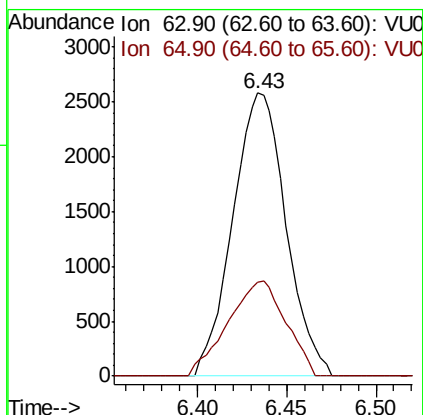
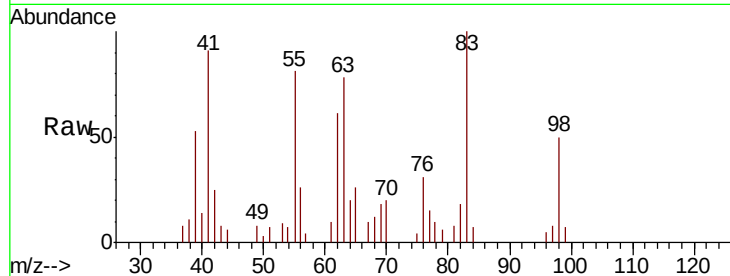




#45
 1,2-Dichloropropane
 Concen: 2.21 ug/l
 RT: 6.43 min Scan# 1636
 Delta R.T. 0.00 min
 Lab File: VU026693.D
 Acq: 12 Sep 2018 10:23

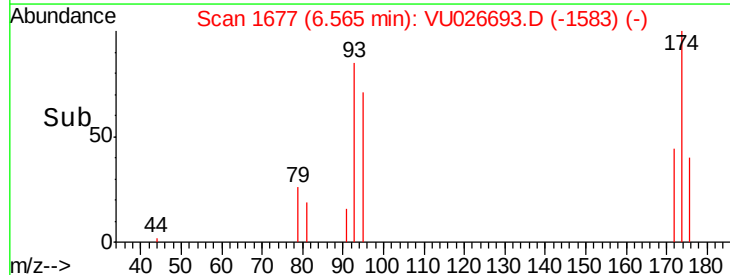
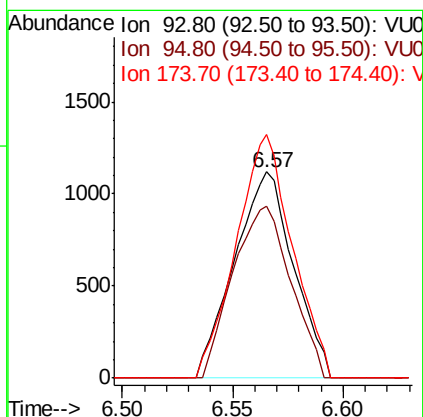
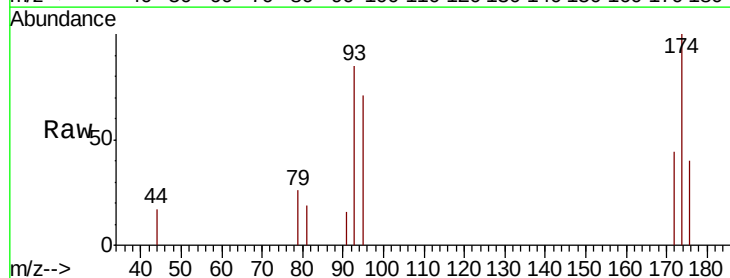
Instrument :
 MSVOA_U
 ClientSampleId :
 EP1-Q2-H7

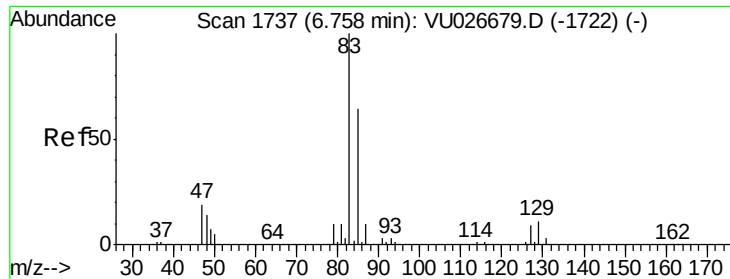
Tot Ion: 63 Resp: 5382
 Ion Ratio Lower Upper
 63 100
 65 33.4 25.0 37.4



#46
 Dibromomethane
 Concen: 1.32 ug/l
 RT: 6.57 min Scan# 1677
 Delta R.T. 0.00 min
 Lab File: VU026693.D
 Acq: 12 Sep 2018 10:23

Tgt Ion: 93 Resp: 2077
 Ion Ratio Lower Upper
 93 100
 95 81.7 65.4 98.2
 174 112.2 81.6 122.4





#47

Bromodichloromethane

Concen: 1.21 ug/l

RT: 6.76 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VU026693.D

Acq: 12 Sep 2018 10:23

Instrument :
MSVOA_U
ClientSampled :
EP1-Q2-H7

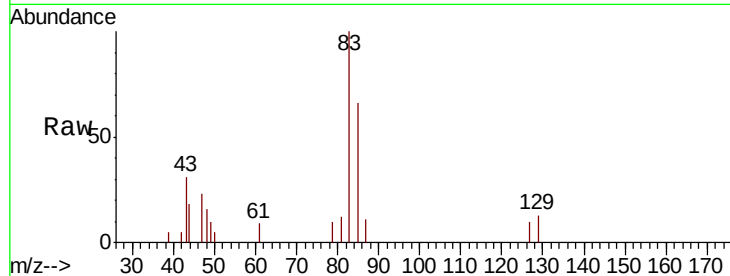
Tot Ion: 83 Resp: 3759

Ion Ratio Lower Upper

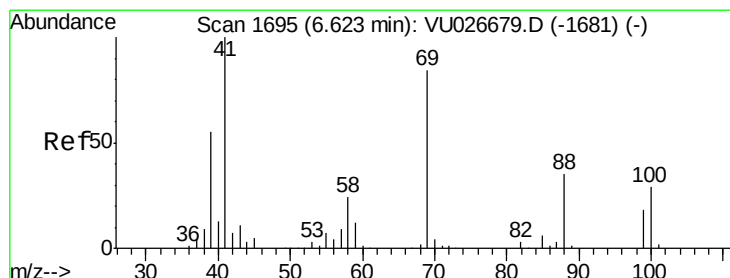
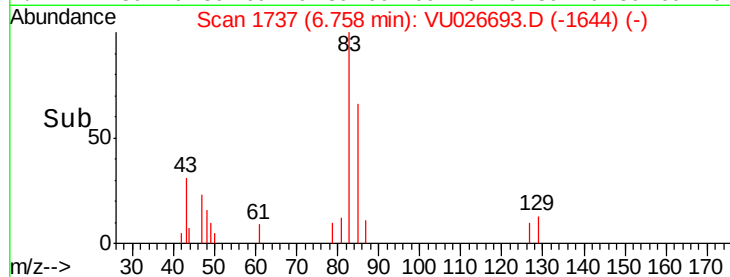
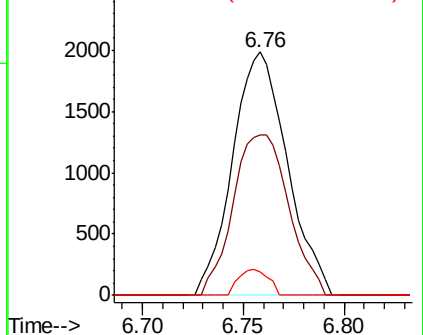
83 100

85 65.9 51.1 76.7

127 9.7 6.9 10.3



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: 4.93 ug/l

RT: 6.63 min Scan# 1697

Delta R.T. 0.01 min

Lab File: VU026693.D

Acq: 12 Sep 2018 10:23

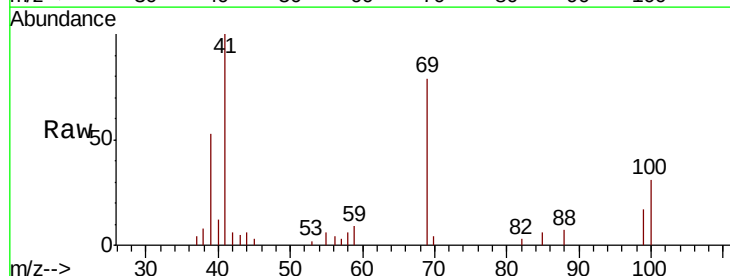
Tgt Ion: 41 Resp: 9287

Ion Ratio Lower Upper

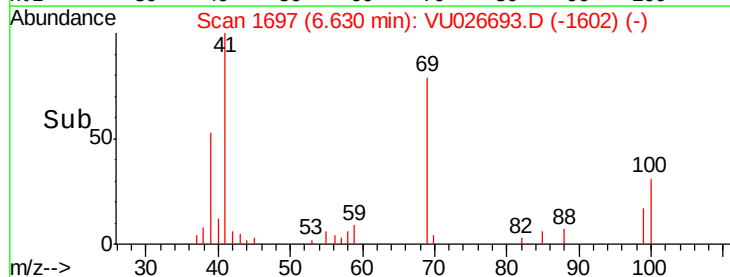
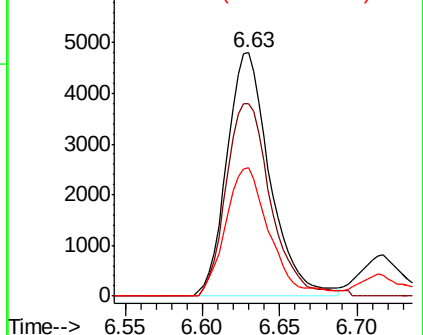
41 100

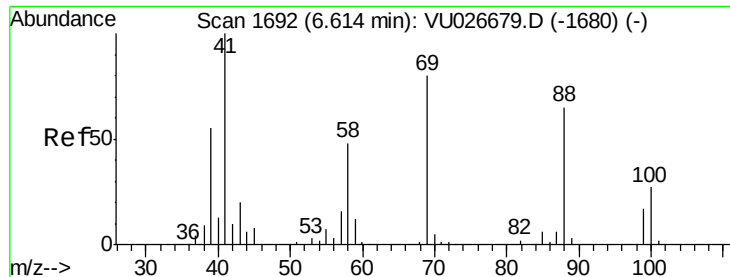
69 82.1 66.6 99.8

39 53.8 43.6 65.4



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

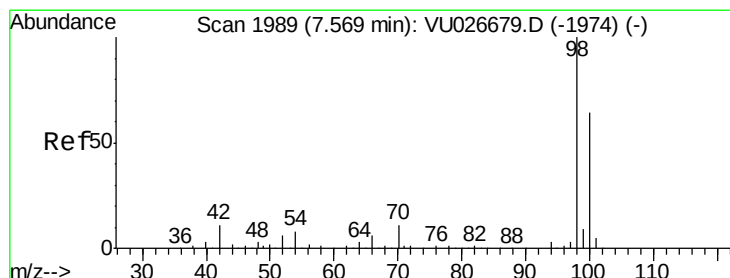
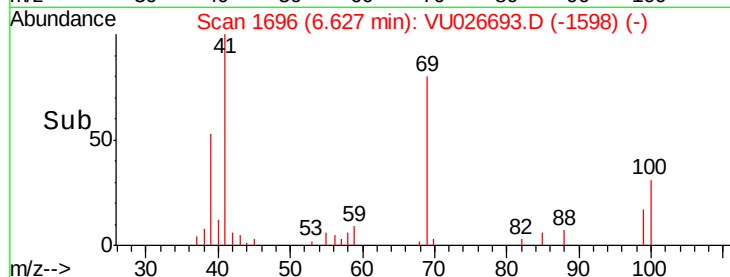
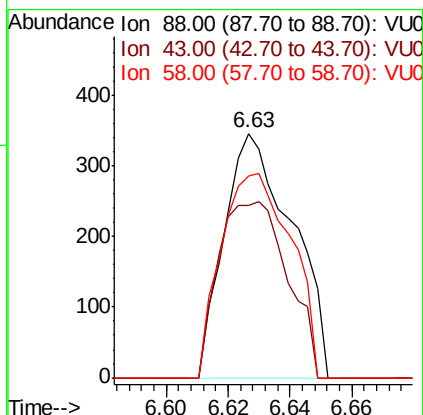
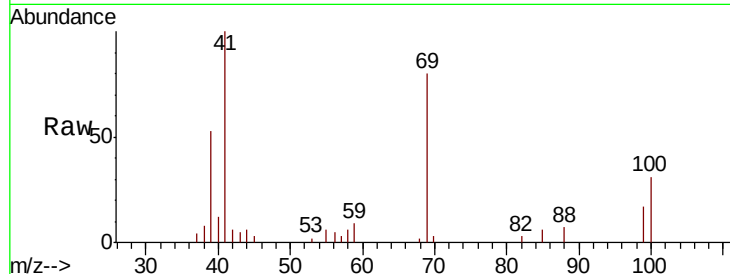




#49
1,4-Dioxane
Concen: 37.64 ug/l
RT: 6.63 min Scan# 1696
Delta R.T. 0.01 min
Lab File: VU026693.D
Acq: 12 Sep 2018 10:23

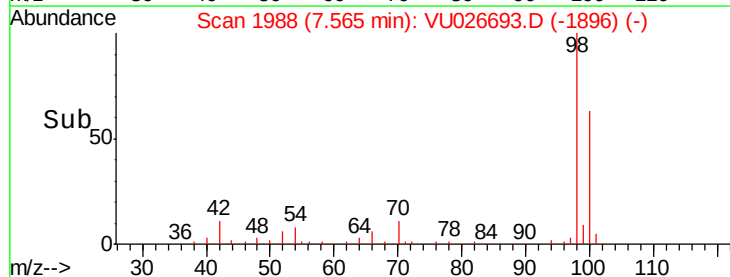
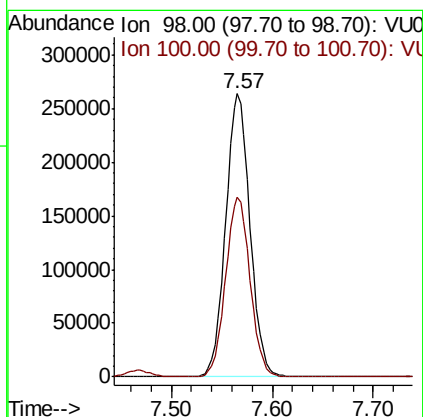
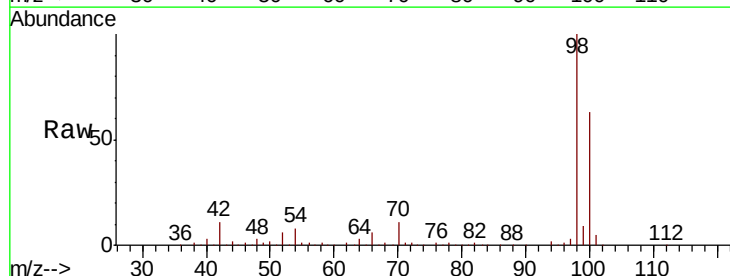
Instrument :
MSVOA_U
ClientSampleId :
EP1-Q2-H7

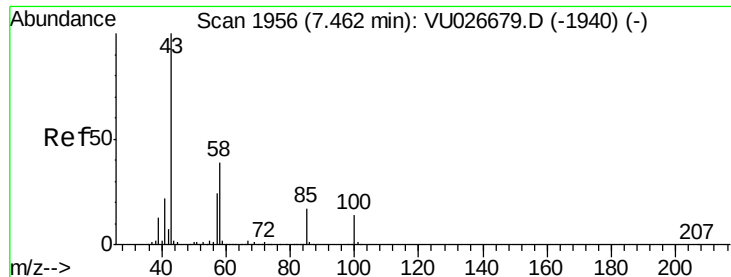
Tot Ion: 88 Resp: 528
Ion Ratio Lower Upper
88 100
43 0.0 25.5 38.3#
58 86.2 58.2 87.4



#50
Toluene-d8
Concen: 57.22 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. -0.00 min
Lab File: VU026693.D
Acq: 12 Sep 2018 10:23

Tgt Ion: 98 Resp: 443783
Ion Ratio Lower Upper
98 100
100 64.1 51.2 76.8

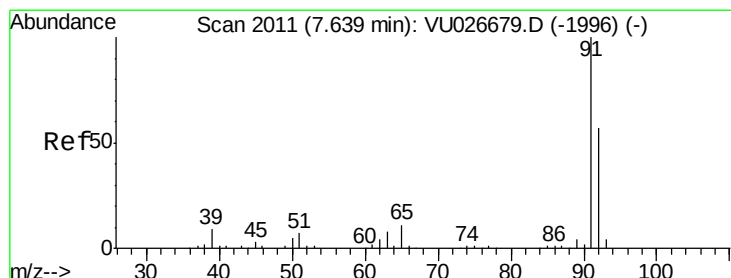
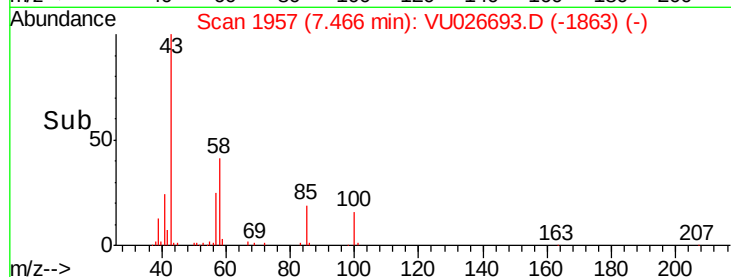
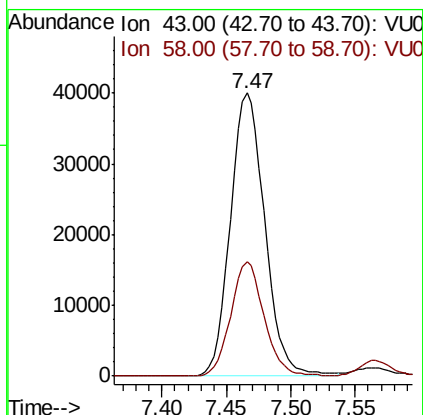
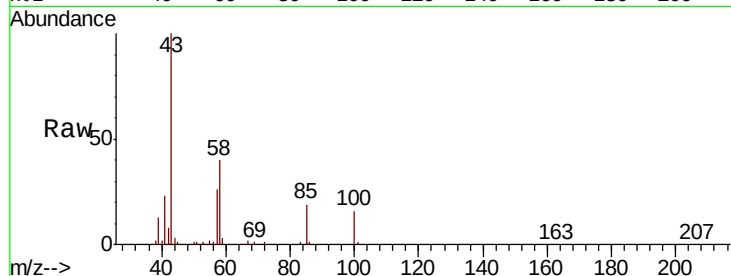




#51
 4-Methyl-2-Pentanone
 Concen: 21.01 ug/l
 RT: 7.47 min Scan# 1957
 Delta R.T. 0.00 min
 Lab File: VU026693.D
 Acq: 12 Sep 2018 10:23

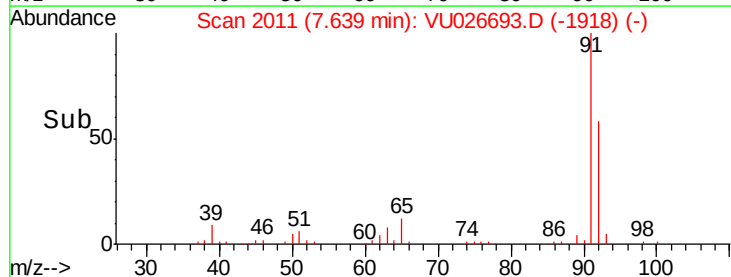
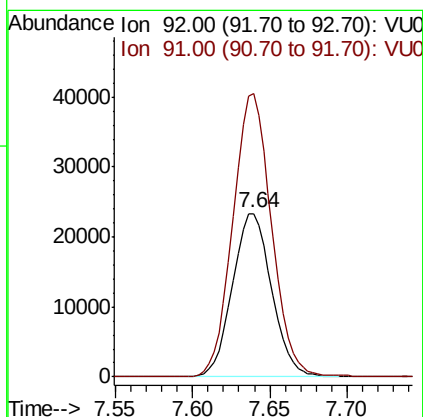
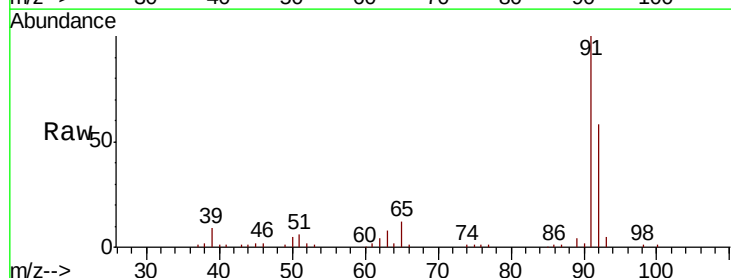
Instrument :
 MSVOA_U
 ClientSampleId :
 EP1-Q2-H7

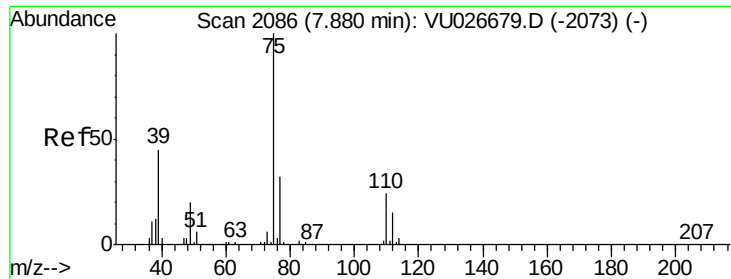
Tot Ion: 43 Resp: 74258
 Ion Ratio Lower Upper
 43 100
 58 39.1 31.1 46.7



#52
 Toluene
 Concen: 7.67 ug/l
 RT: 7.64 min Scan# 2011
 Delta R.T. 0.00 min
 Lab File: VU026693.D
 Acq: 12 Sep 2018 10:23

Tgt Ion: 92 Resp: 40927
 Ion Ratio Lower Upper
 92 100
 91 171.3 141.1 211.7





#53

t-1,3-Dichloropropene

Concen: 2.77 ug/l

RT: 7.88 min Scan# 2087

Delta R.T. 0.00 min

Lab File: VU026693.D

Acq: 12 Sep 2018 10:23

Instrument :

MSVOA_U

ClientSampleId :

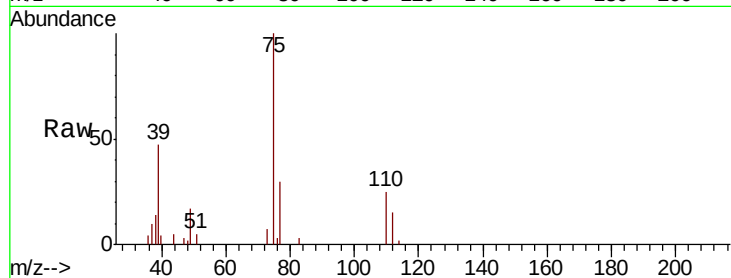
EP1-Q2-H7

Tot Ion: 75 Resp: 9526

Ion Ratio Lower Upper

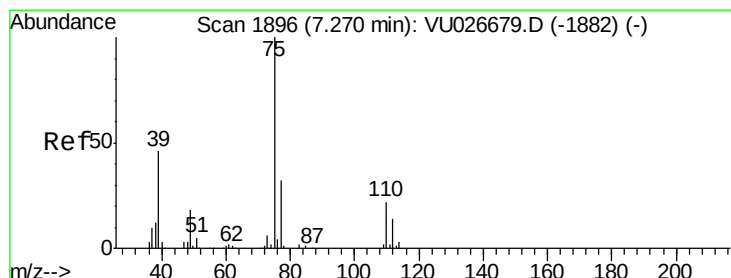
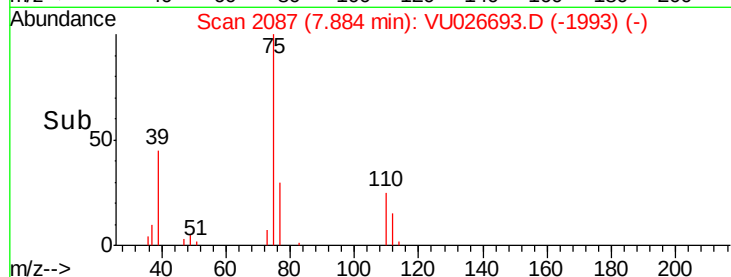
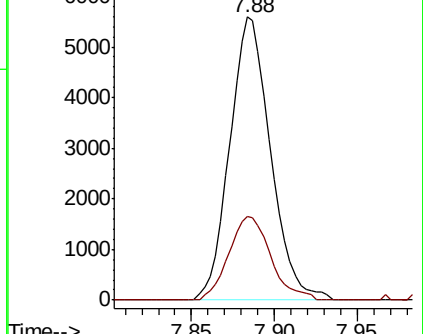
75 100

77 29.7 25.2 37.8



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 76.90 (76.60 to 77.60): VU0



#54

cis-1,3-Dichloropropene

Concen: 2.56 ug/l

RT: 7.27 min Scan# 1897

Delta R.T. 0.00 min

Lab File: VU026693.D

Acq: 12 Sep 2018 10:23

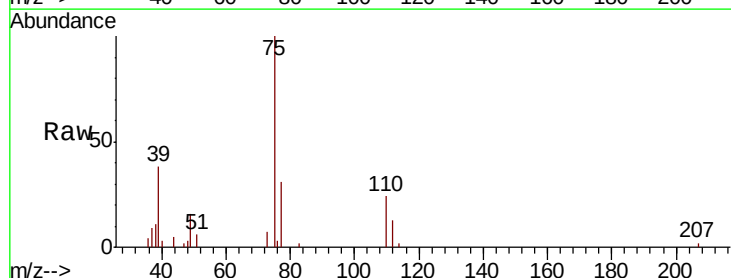
Tgt Ion: 75 Resp: 9428

Ion Ratio Lower Upper

75 100

77 30.7 25.5 38.3

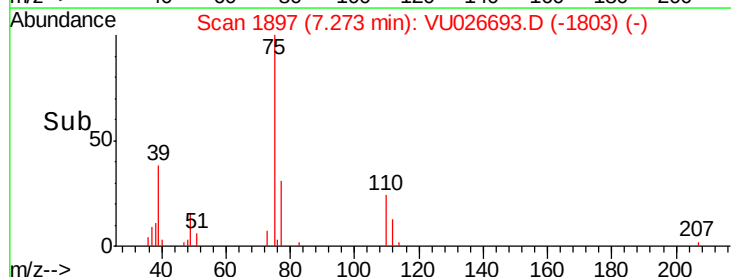
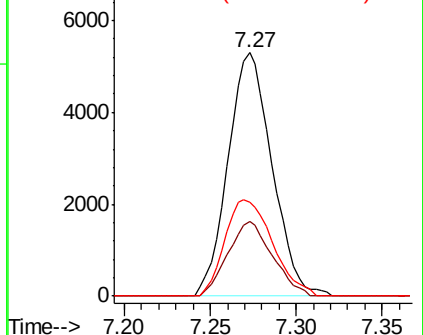
39 38.4 37.0 55.6

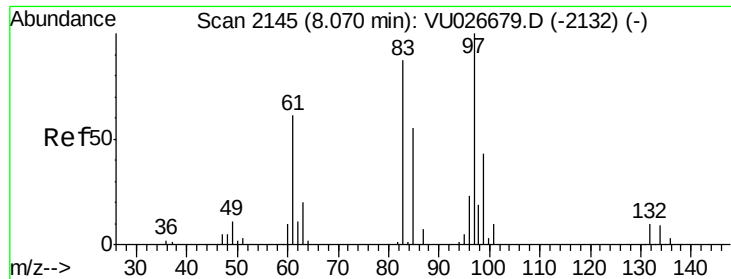


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 76.90 (76.60 to 77.60): VU0

Ion 39.00 (38.70 to 39.70): VU0

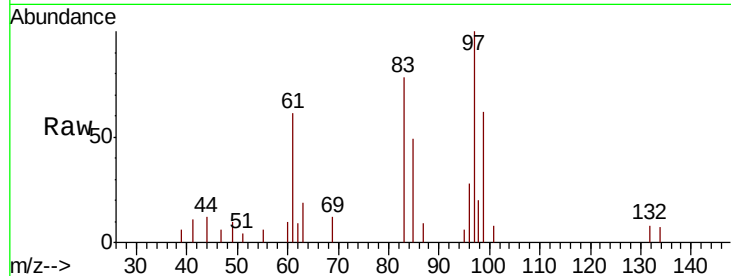




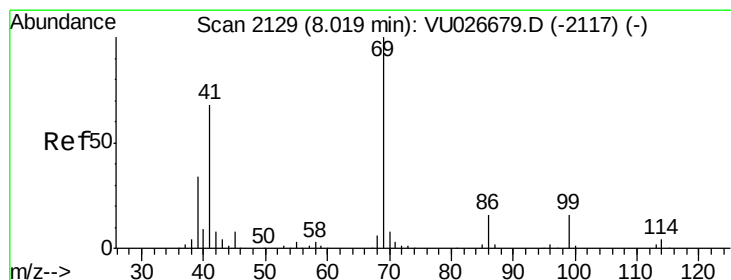
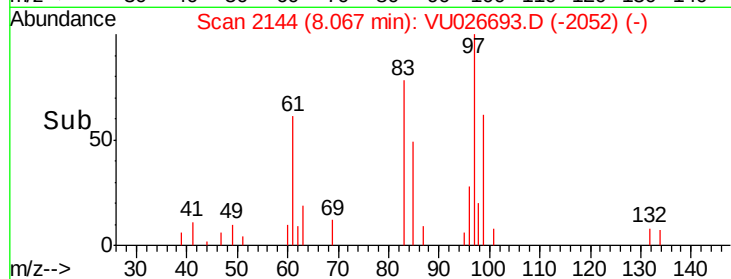
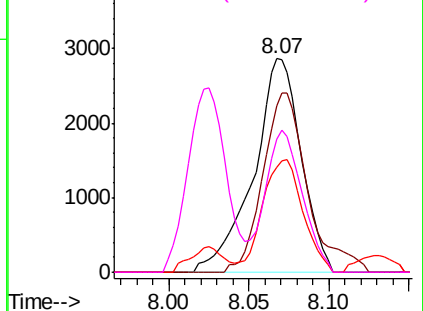
#55
 1,1,2-Trichloroethane
 Concen: 2.58 ug/l
 RT: 8.07 min Scan# 2144
 Delta R.T. -0.00 min
 Lab File: VU026693.D
 Acq: 12 Sep 2018 10:23

Instrument :
 MSVOA_U
 ClientSampleId :
 EP1-Q2-H7

Tot Ion:	97	Resp:	5904
Ion	Ratio	Lower	Upper
97	100		
83	77.8	69.3	103.9
85	49.0	45.9	68.9
99	62.4	50.1	75.1

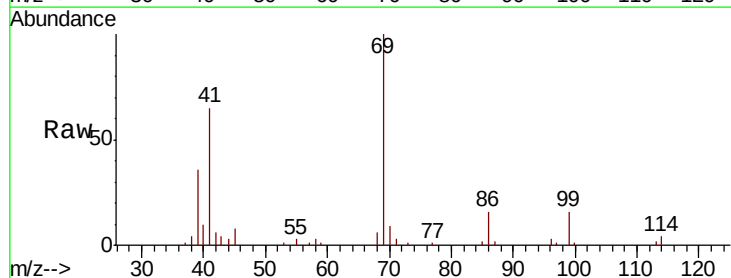


Abundance Ion 96.90 (96.60 to 97.60): VU0
 Ion 82.90 (82.60 to 83.60): VU0
 Ion 84.90 (84.60 to 85.60): VU0
 Ion 98.90 (98.60 to 99.60): VU0

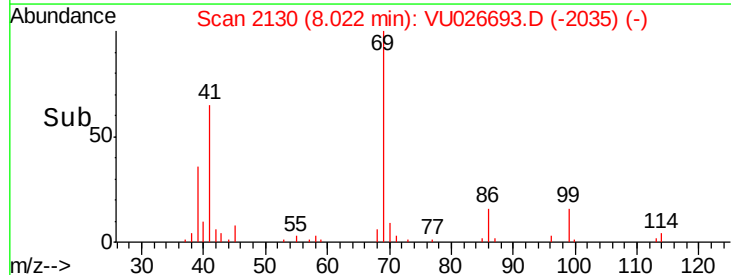
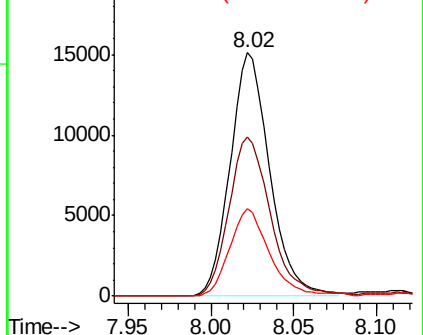


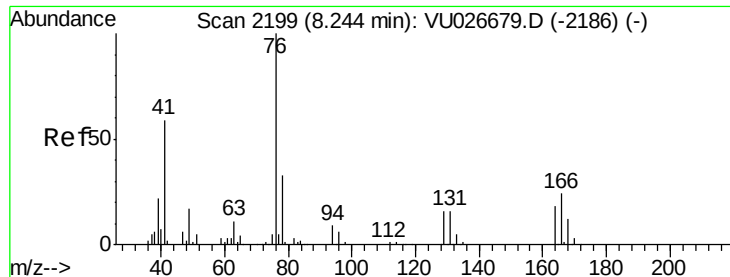
#56
 Ethyl methacrylate
 Concen: 9.00 ug/l
 RT: 8.02 min Scan# 2130
 Delta R.T. 0.00 min
 Lab File: VU026693.D
 Acq: 12 Sep 2018 10:23

Tgt Ion:	69	Resp:	25127
Ion	Ratio	Lower	Upper
69	100		
41	68.7	54.2	81.2
39	35.7	28.4	42.6



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

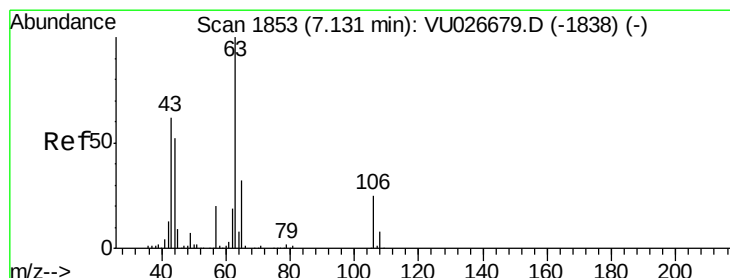
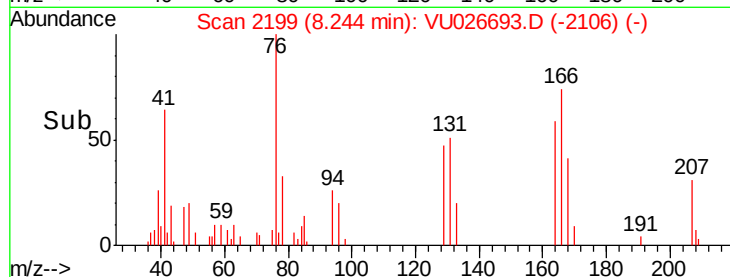
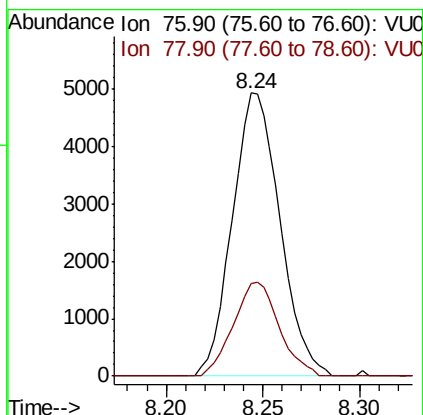
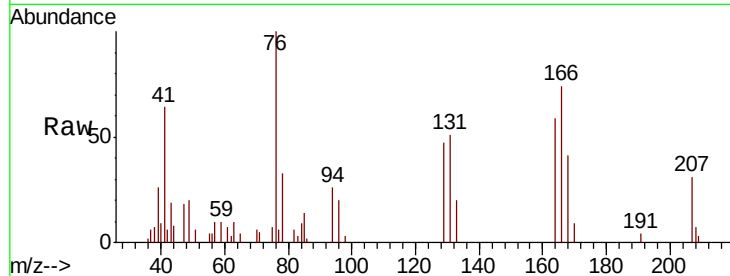




#57
 1,3-Dichloropropane
 Concen: 2.16 ug/l
 RT: 8.24 min Scan# 2199
 Delta R.T. 0.00 min
 Lab File: VU026693.D
 Acq: 12 Sep 2018 10:23

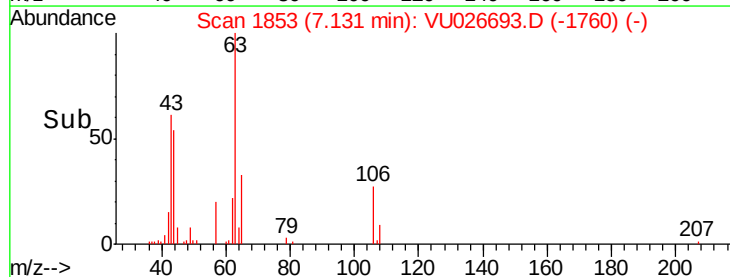
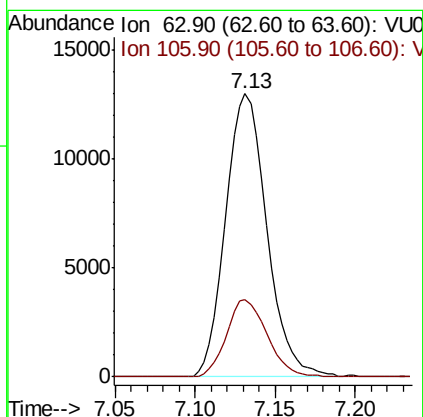
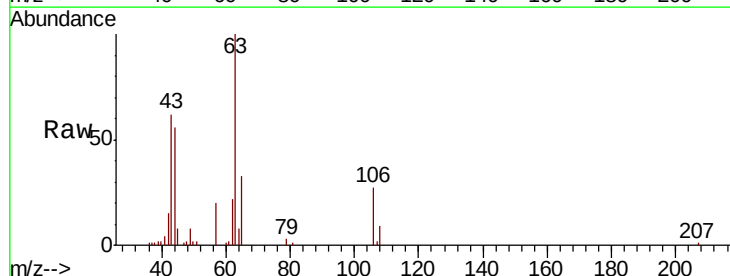
Instrument :
 MSVOA_U
 ClientSampleId :
 EP1-Q2-H7

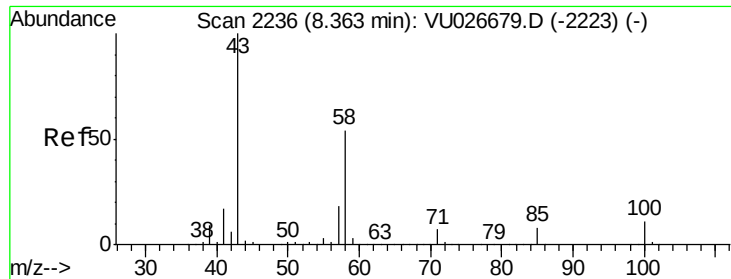
Tot Ion: 76 Resp: 8436
 Ion Ratio Lower Upper
 76 100
 78 31.9 26.0 39.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 20.91 ug/l
 RT: 7.13 min Scan# 1853
 Delta R.T. 0.00 min
 Lab File: VU026693.D
 Acq: 12 Sep 2018 10:23

Tgt Ion: 63 Resp: 22819
 Ion Ratio Lower Upper
 63 100
 106 26.9 20.5 30.7

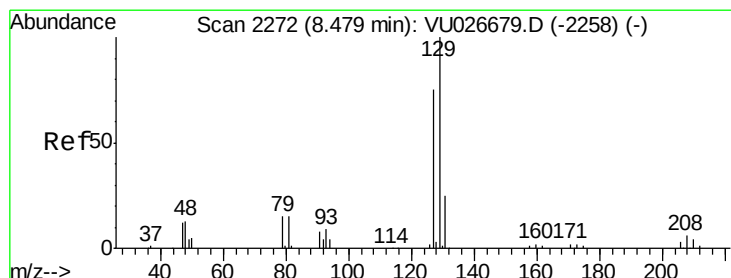
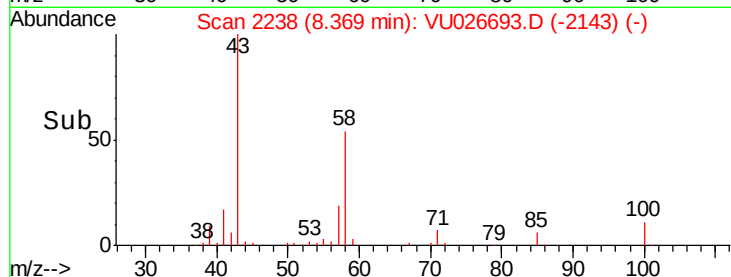
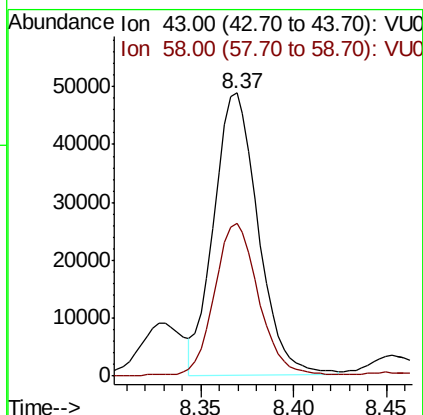
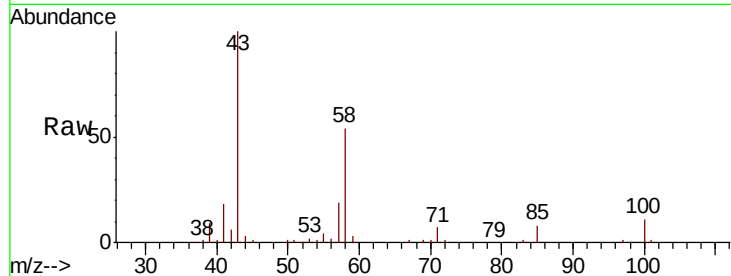




#59
2-Hexanone
Concen: 29.15 ug/l
RT: 8.37 min Scan# 2238
Delta R.T. 0.01 min
Lab File: VU026693.D
Acq: 12 Sep 2018 10:23

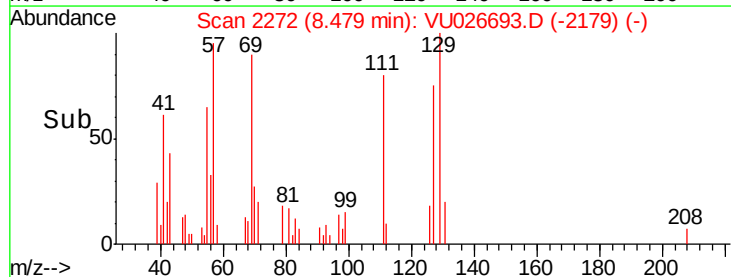
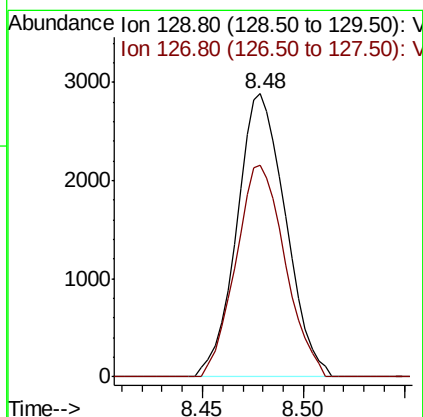
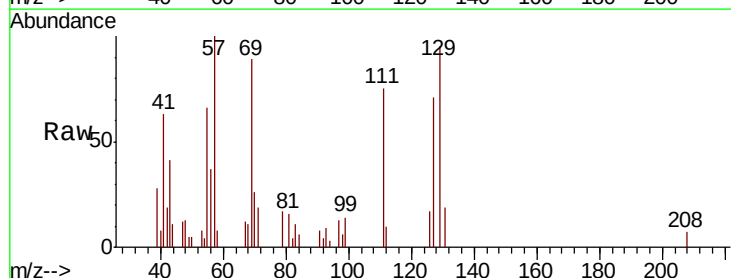
Instrument :
MSVOA_U
ClientSampleId :
EP1-Q2-H7

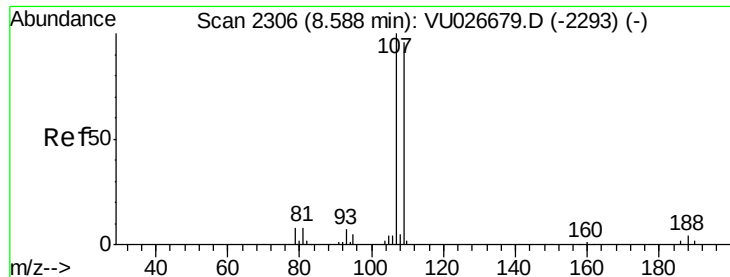
Tot Ion: 43 Resp: 81093
Ion Ratio Lower Upper
43 100
58 54.4 26.9 80.7



#60
Dibromochloromethane
Concen: 1.97 ug/l
RT: 8.48 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VU026693.D
Acq: 12 Sep 2018 10:23

Tgt Ion: 129 Resp: 4877
Ion Ratio Lower Upper
129 100
127 75.4 38.3 114.9





#61

1,2-Dibromoethane

Concen: 2.45 ug/l

RT: 8.59 min Scan# 2306

Delta R.T. 0.00 min

Lab File: VU026693.D

Acq: 12 Sep 2018 10:23

Instrument :

MSVOA_U

ClientSampleId :

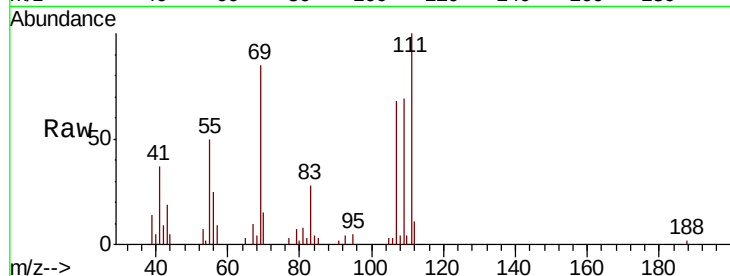
EP1-Q2-H7

Tot Ion:107 Resp: 6087

Ion Ratio Lower Upper

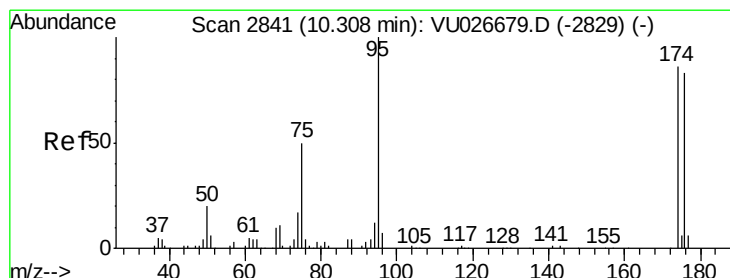
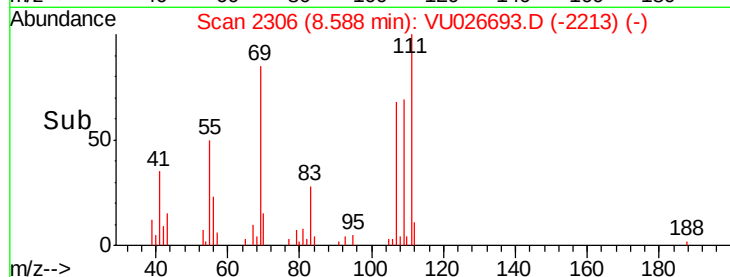
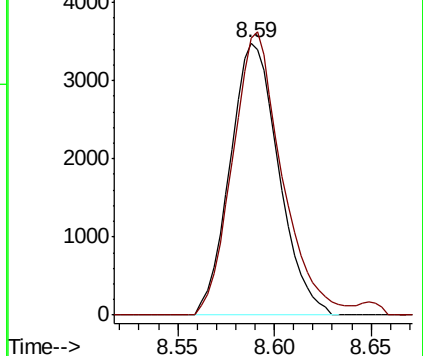
107 100

109 106.1 75.7 113.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 79.57 ug/l

RT: 10.31 min Scan# 2842

Delta R.T. 0.00 min

Lab File: VU026693.D

Acq: 12 Sep 2018 10:23

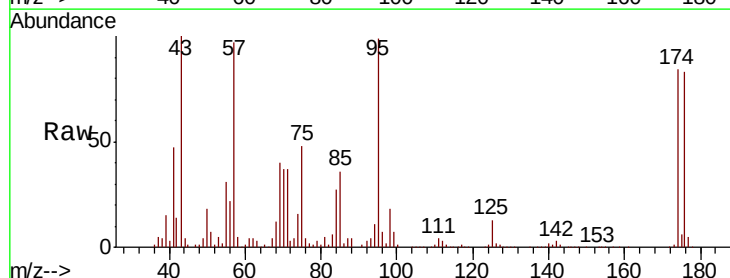
Tgt Ion: 95 Resp: 223637

Ion Ratio Lower Upper

95 100

174 81.9 0.0 172.8

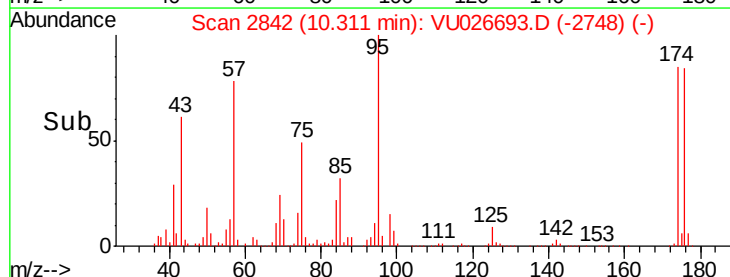
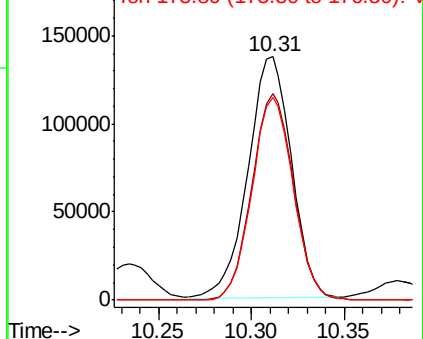
176 80.0 0.0 168.6

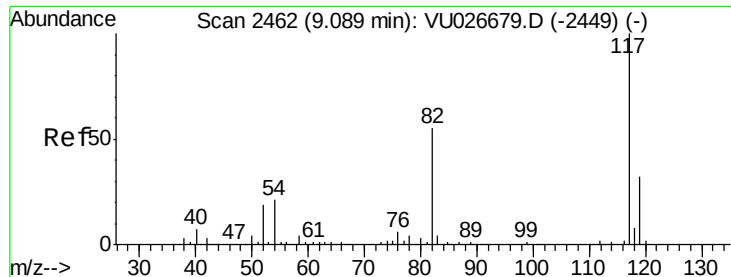


Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

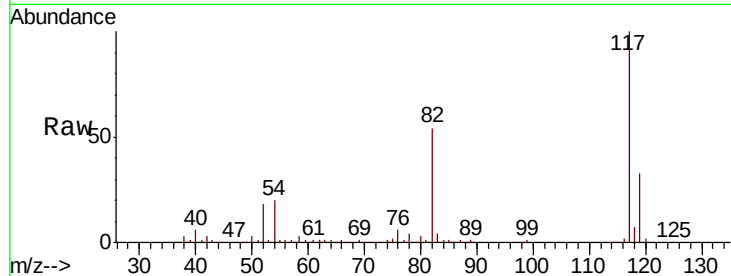




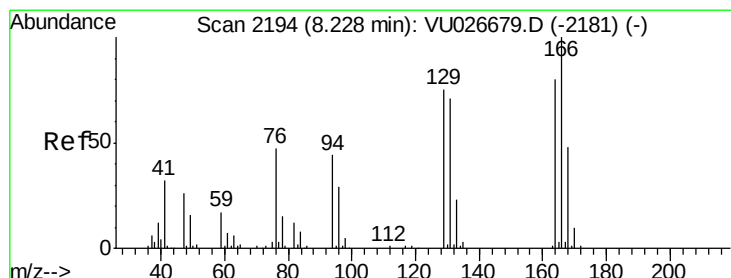
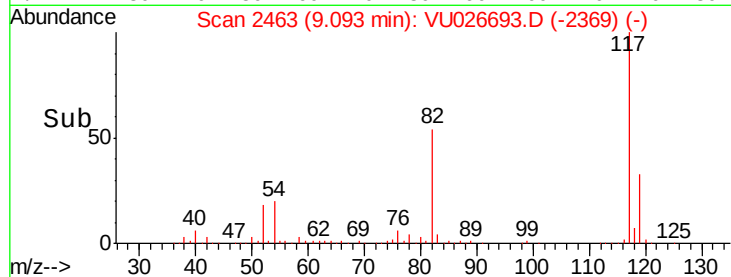
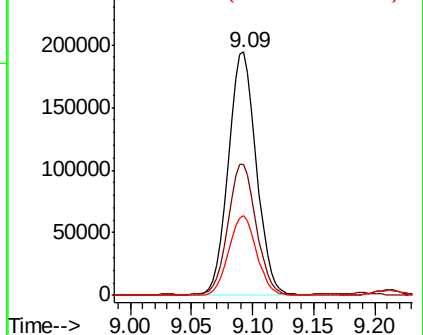
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2463
Delta R.T. 0.00 min
Lab File: VU026693.D
Acq: 12 Sep 2018 10:23

Instrument :
MSVOA_U
ClientSampleId :
EP1-Q2-H7

Tot Ion:117 Resp: 312380
Ion Ratio Lower Upper
117 100
82 53.6 44.1 66.1
119 32.8 25.7 38.5

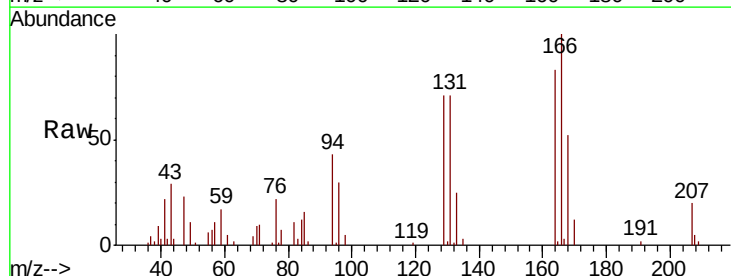


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

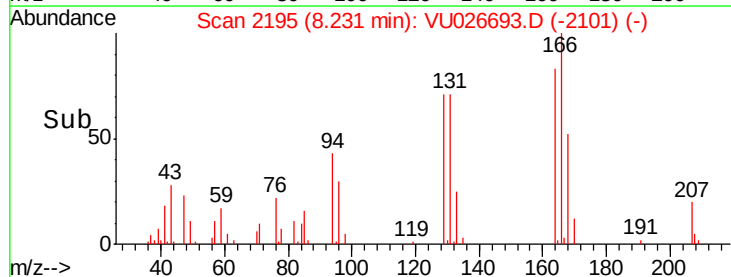
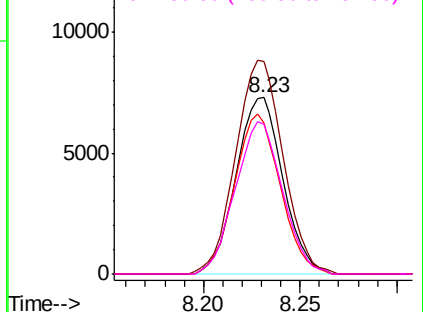


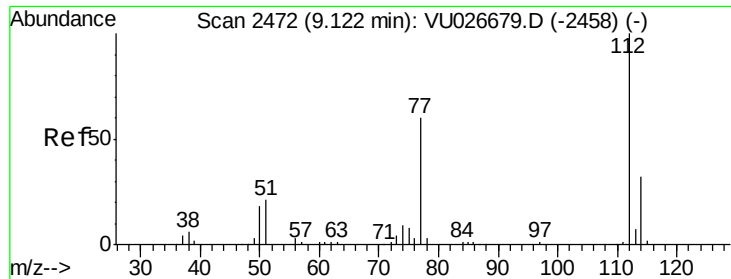
#64
Tetrachloroethene
Concen: 4.94 ug/l
RT: 8.23 min Scan# 2195
Delta R.T. 0.00 min
Lab File: VU026693.D
Acq: 12 Sep 2018 10:23

Tgt Ion:164 Resp: 12277
Ion Ratio Lower Upper
164 100
166 120.9 100.5 150.7
129 85.6 75.3 112.9
131 85.3 71.4 107.2



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

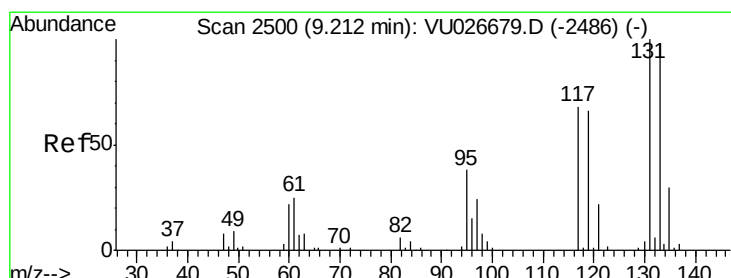
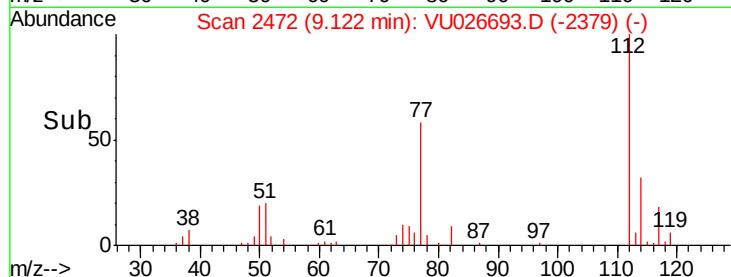
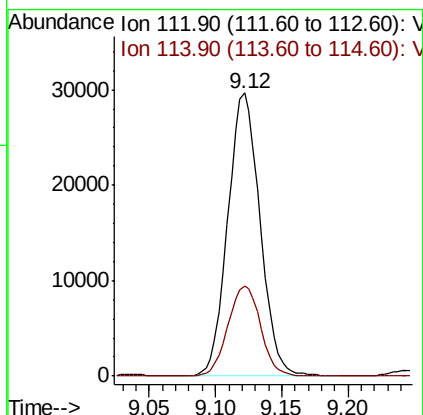
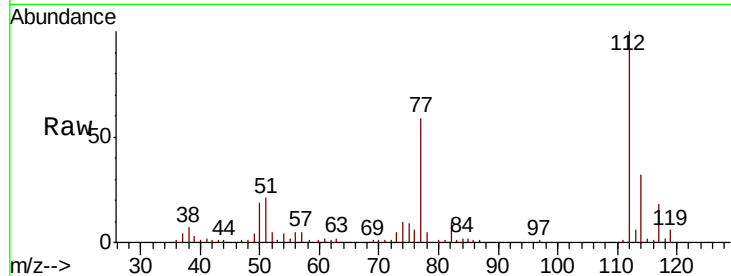




#65
Chlorobenzene
Concen: 6.46 ug/l
RT: 9.12 min Scan# 2472
Delta R.T. 0.00 min
Lab File: VU026693.D
Acq: 12 Sep 2018 10:23

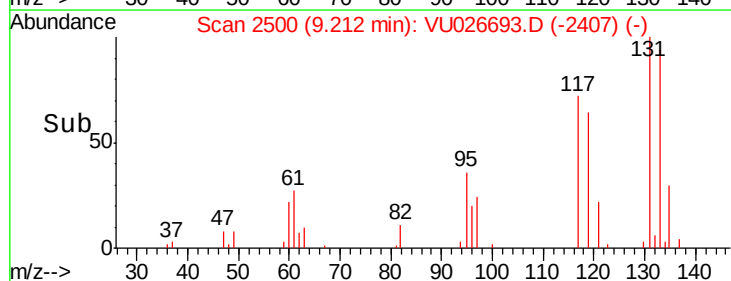
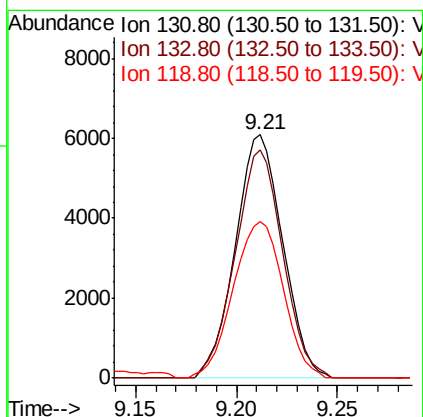
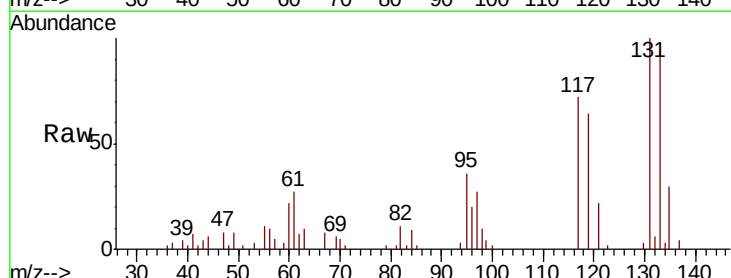
Instrument :
MSVOA_U
ClientSampleId :
EP1-Q2-H7

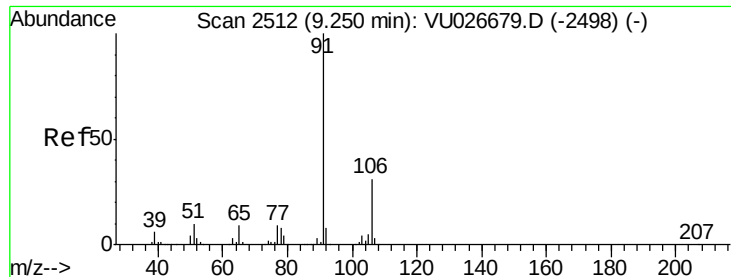
Tot Ion:112 Resp: 50150
Ion Ratio Lower Upper
112 100
114 31.8 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 3.52 ug/l
RT: 9.21 min Scan# 2500
Delta R.T. 0.00 min
Lab File: VU026693.D
Acq: 12 Sep 2018 10:23

Tgt Ion:131 Resp: 10049
Ion Ratio Lower Upper
131 100
133 93.9 48.9 146.6
119 67.9 32.7 98.1

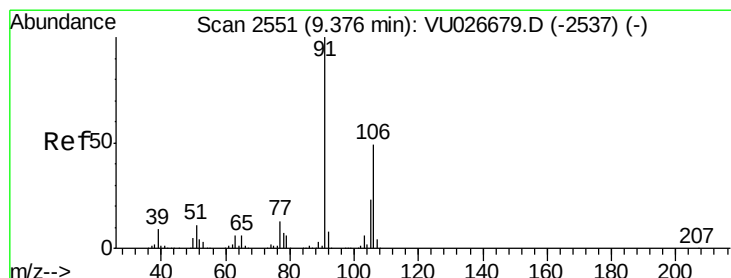
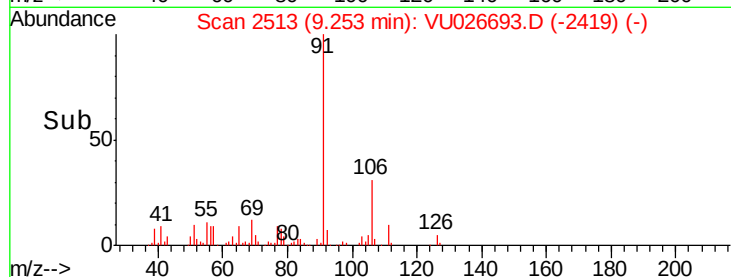
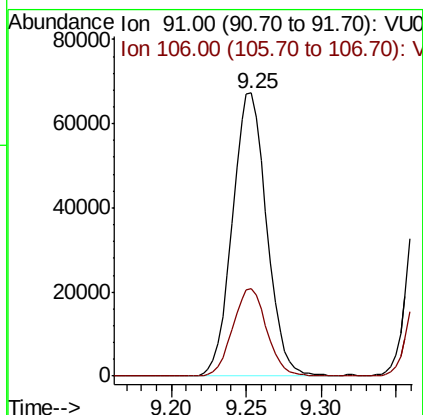
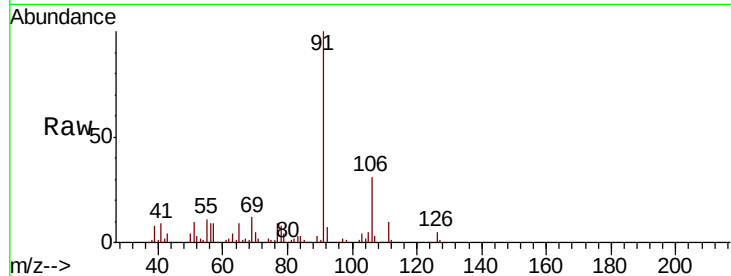




#67
Ethyl Benzene
Concen: 8.39 ug/l
RT: 9.25 min Scan# 2513
Delta R.T. 0.00 min
Lab File: VU026693.D
Acq: 12 Sep 2018 10:23

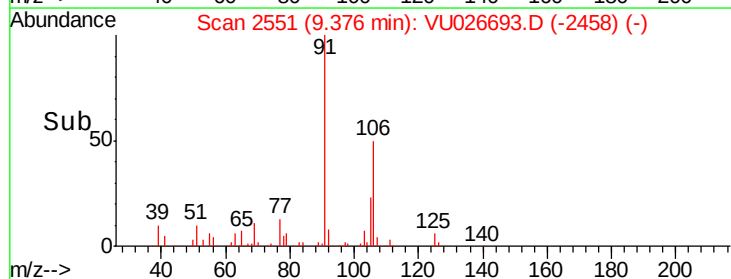
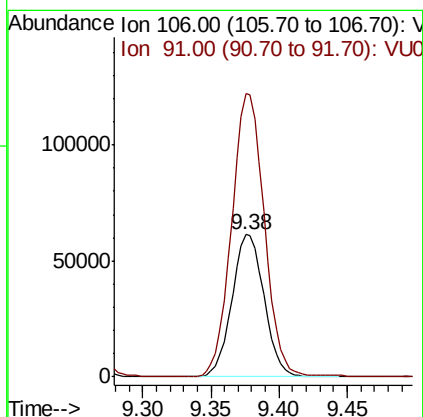
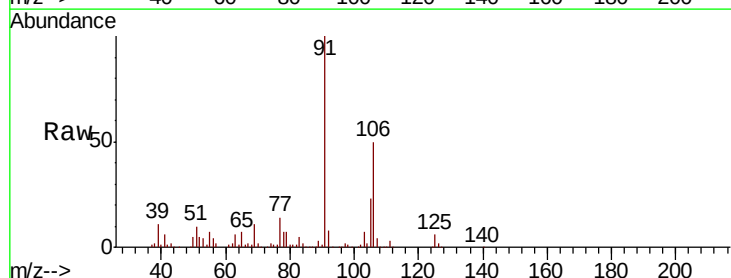
Instrument :
MSVOA_U
ClientSampleId :
EP1-Q2-H7

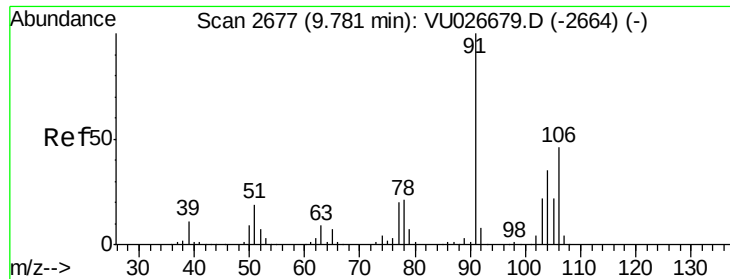
Tot Ion: 91 Resp: 107260
Ion Ratio Lower Upper
91 100
106 31.1 25.0 37.4



#68
m/p-Xylenes
Concen: 20.67 ug/l
RT: 9.38 min Scan# 2551
Delta R.T. 0.00 min
Lab File: VU026693.D
Acq: 12 Sep 2018 10:23

Tgt Ion: 106 Resp: 100546
Ion Ratio Lower Upper
106 100
91 201.0 162.1 243.1

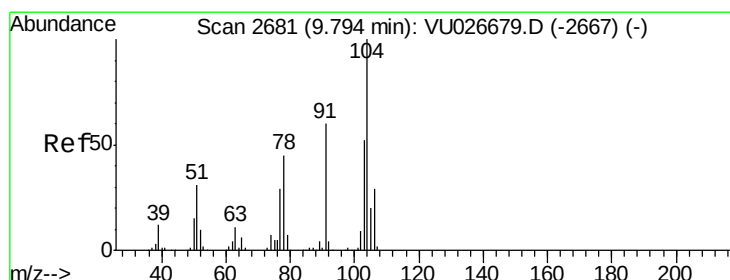
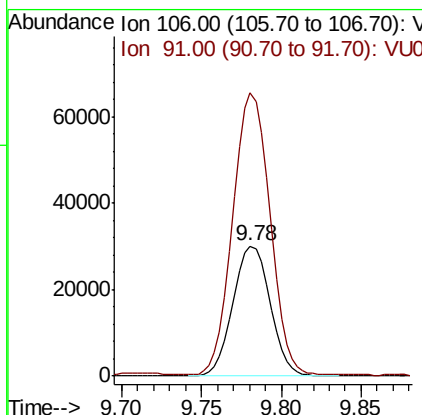
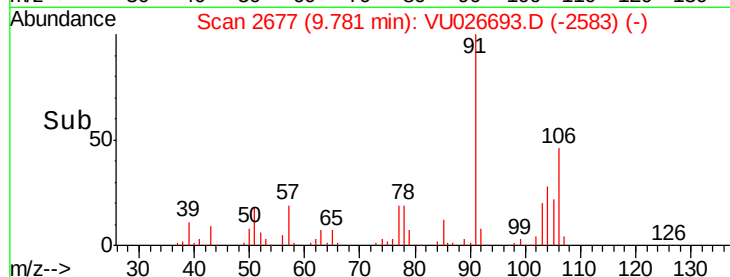
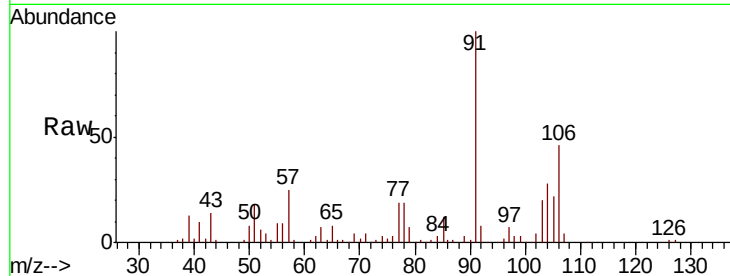




#69
o-Xylene
Concen: 10.21 ug/l
RT: 9.78 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VU026693.D
Acq: 12 Sep 2018 10:23

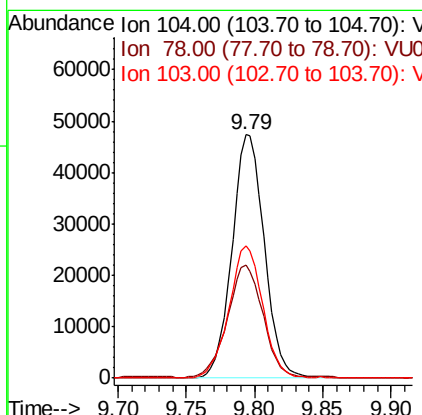
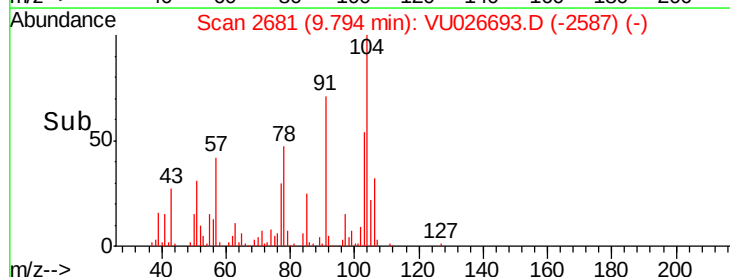
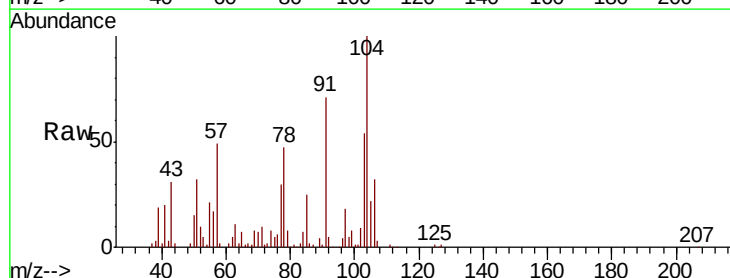
Instrument :
MSVOA_U
ClientSampleId :
EP1-Q2-H7

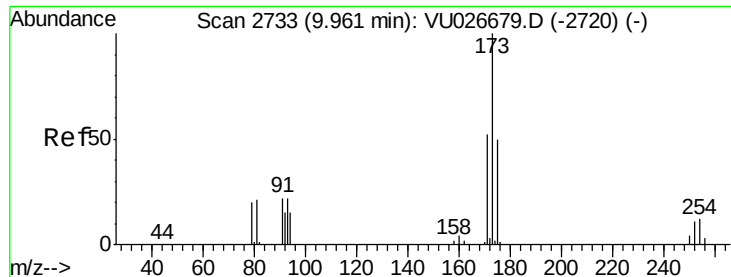
Tot Ion:106 Resp: 47799
Ion Ratio Lower Upper
106 100
91 216.6 106.9 320.8



#70
Styrene
Concen: 10.43 ug/l
RT: 9.79 min Scan# 2681
Delta R.T. 0.00 min
Lab File: VU026693.D
Acq: 12 Sep 2018 10:23

Tgt Ion:104 Resp: 77930
Ion Ratio Lower Upper
104 100
78 50.8 39.4 59.2
103 56.6 44.5 66.7





#71

Bromoform

Concen: 2.25 ug/l

RT: 9.96 min Scan# 2734

Delta R.T. 0.00 min

Lab File: VU026693.D

Acq: 12 Sep 2018 10:23

Instrument :

MSVOA_U

ClientSampleId :

EP1-Q2-H7

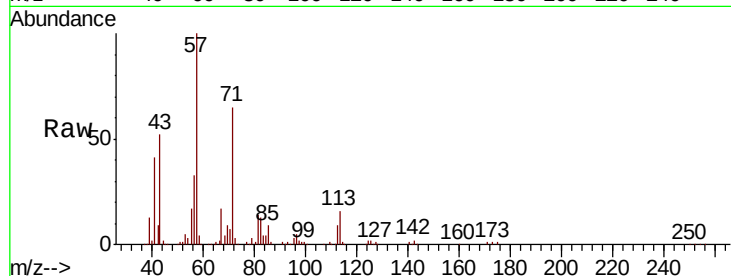
Tot Ion:173 Resp: 5580

Ion Ratio Lower Upper

173 100

175 46.4 24.7 74.1

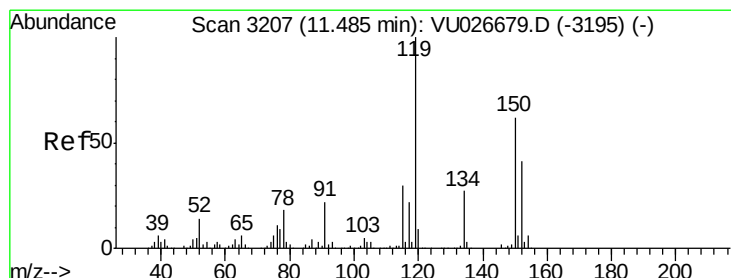
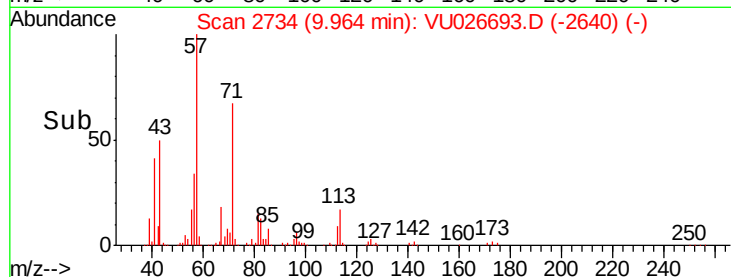
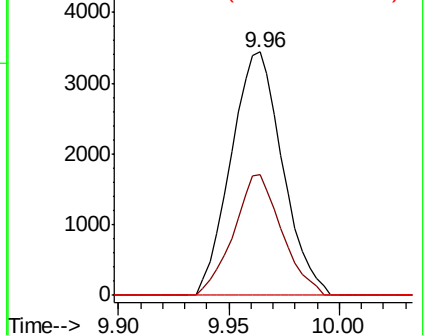
254 0.0 0.0 0.0



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# 3208

Delta R.T. 0.00 min

Lab File: VU026693.D

Acq: 12 Sep 2018 10:23

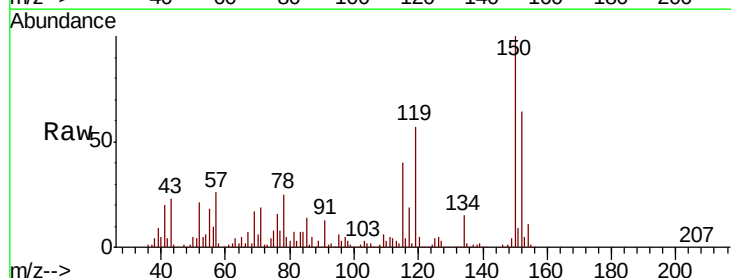
Tgt Ion:152 Resp: 229666

Ion Ratio Lower Upper

152 100

115 64.6 40.4 121.1

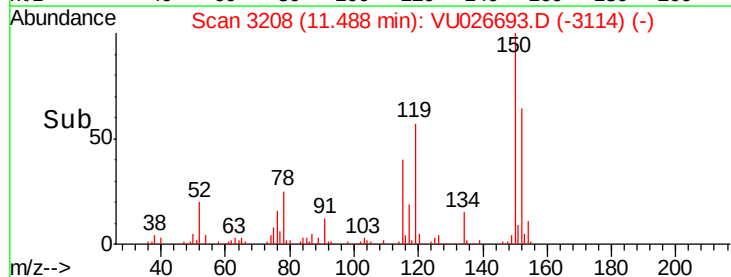
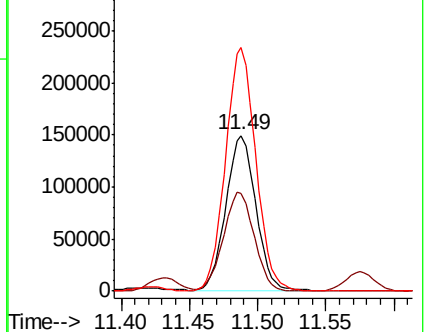
150 157.0 0.0 345.2

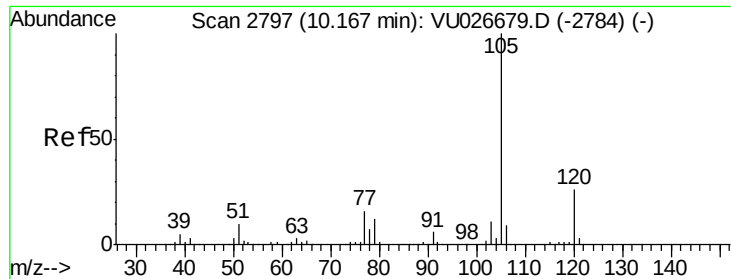


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 8.43 ug/l

RT: 10.17 min Scan# 2798

Delta R.T. 0.00 min

Lab File: VU026693.D

Acq: 12 Sep 2018 10:23

Instrument :

MSVOA_U

ClientSampleId :

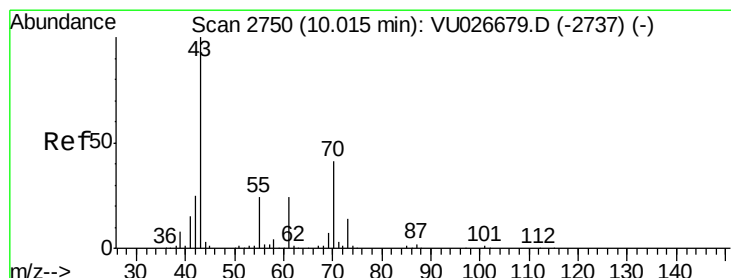
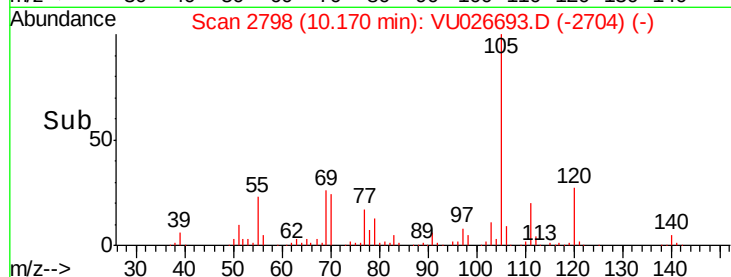
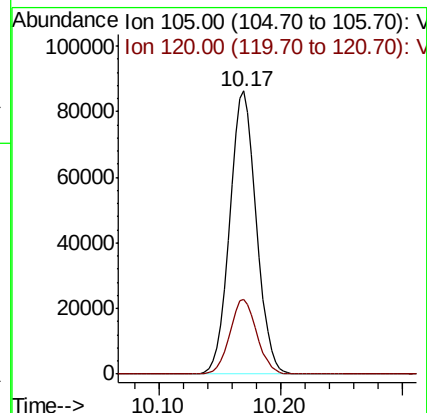
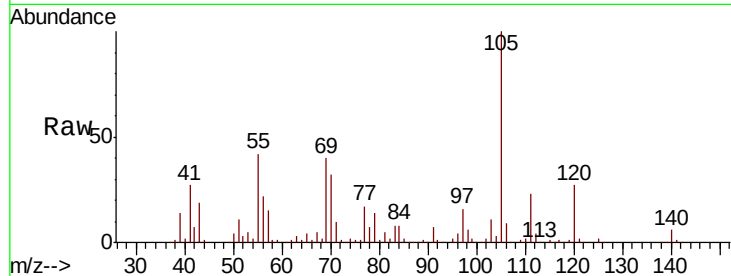
EP1-Q2-H7

Tot Ion:105 Resp: 131931

Ion Ratio Lower Upper

105 100

120 26.8 13.3 39.9



#74

N-ethyl acetate

Concen: 12.95 ug/l

RT: 10.02 min Scan# 2750

Delta R.T. 0.00 min

Lab File: VU026693.D

Acq: 12 Sep 2018 10:23

Tgt Ion: 43 Resp: 95694

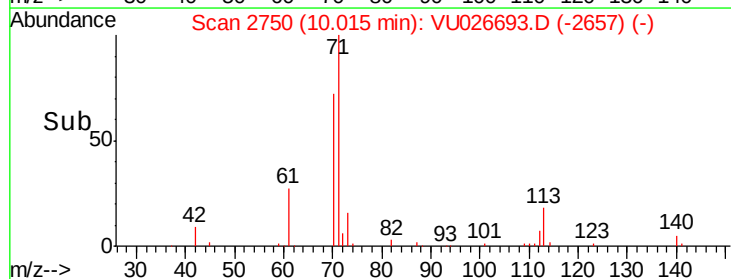
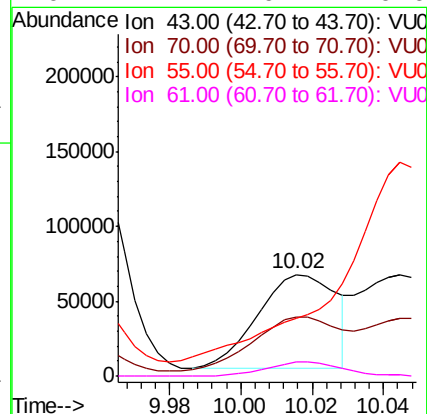
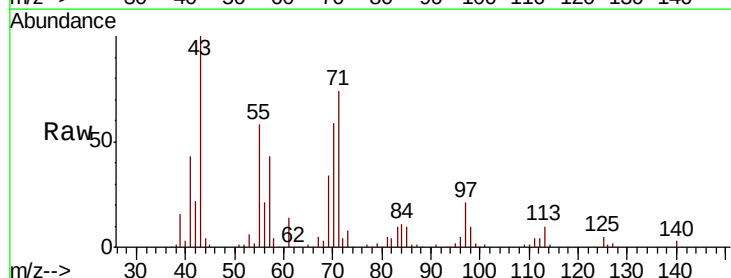
Ion Ratio Lower Upper

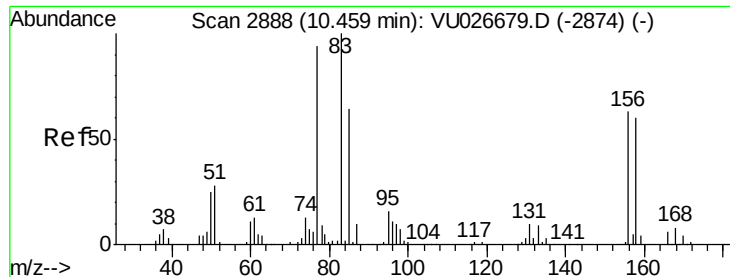
43 100

70 66.3 32.6 48.8#

55 0.0 19.1 28.7#

61 14.7 19.4 29.0#





#75

1,1,2,2-Tetrachloroethane

Concen: 22.23 ug/l

RT: 10.49 min Scan# 2899

Delta R.T. 0.04 min

Lab File: VU026693.D

Acq: 12 Sep 2018 10:23

Instrument :

MSVOA_U

ClientSampleId :

EP1-Q2-H7

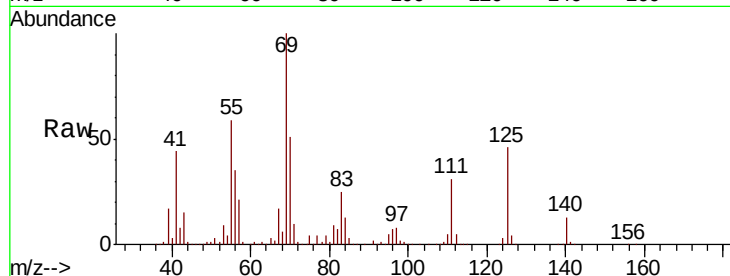
Tot Ion: 83 Resp: 141803

Ion Ratio Lower Upper

83 100

131 0.0 4.9 14.6#

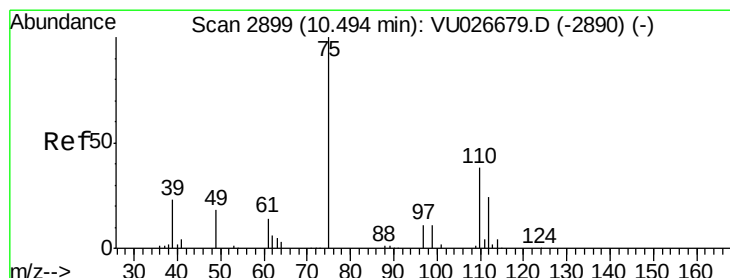
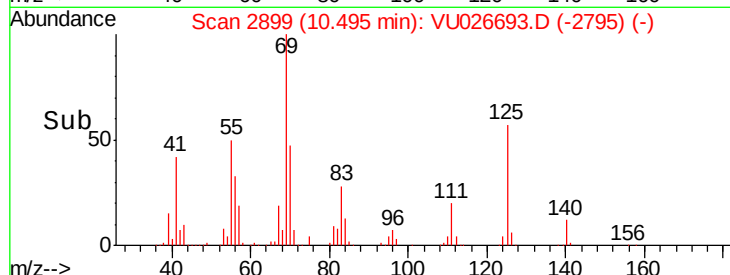
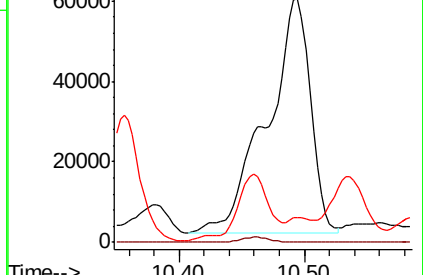
85 0.0 32.3 96.9#



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: 4.09 ug/l

RT: 10.50 min Scan# 2900

Delta R.T. 0.00 min

Lab File: VU026693.D

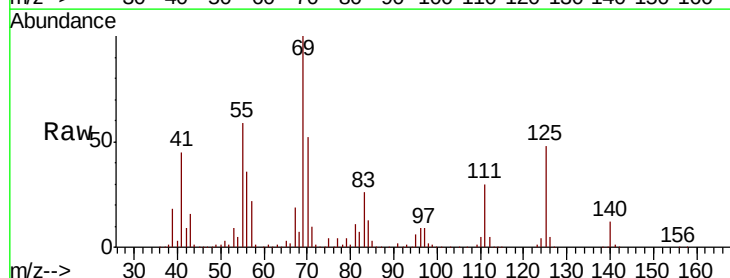
Acq: 12 Sep 2018 10:23

Tgt Ion: 75 Resp: 21064

Ion Ratio Lower Upper

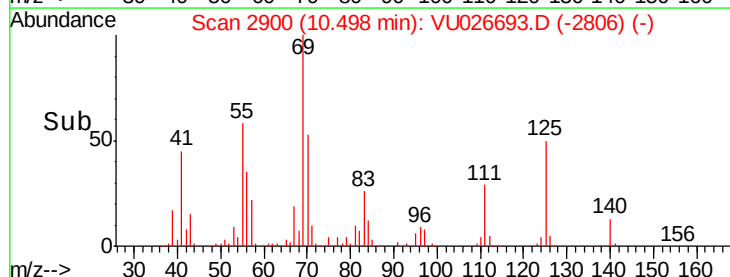
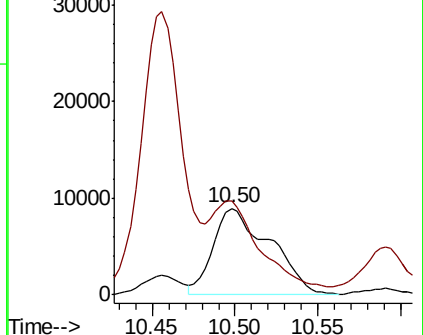
75 100

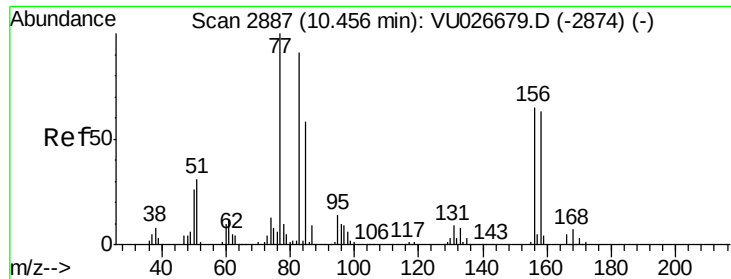
77 74.1 21.1 63.1#



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 77.00 (76.70 to 77.70): VU0





#77

Bromobenzene

Concen: 6.96 ug/l

RT: 10.46 min Scan# 2887

Delta R.T. 0.00 min

Lab File: VU026693.D

Acq: 12 Sep 2018 10:23

Instrument :

MSVOA_U

ClientSampleId :

EP1-Q2-H7

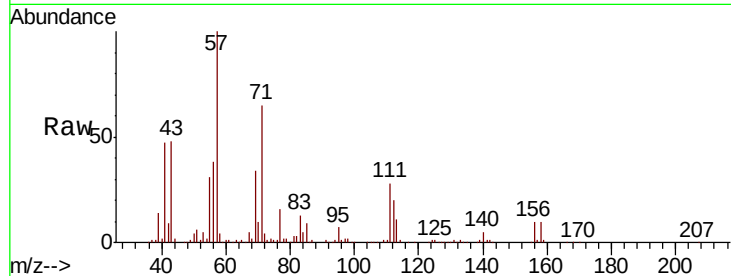
Tot Ion:156 Resp: 29584

Ion Ratio Lower Upper

156 100

77 168.4 77.6 232.9

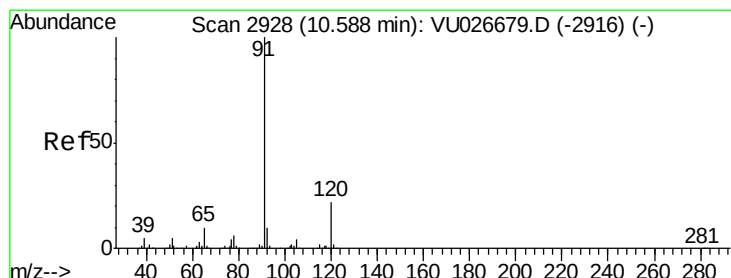
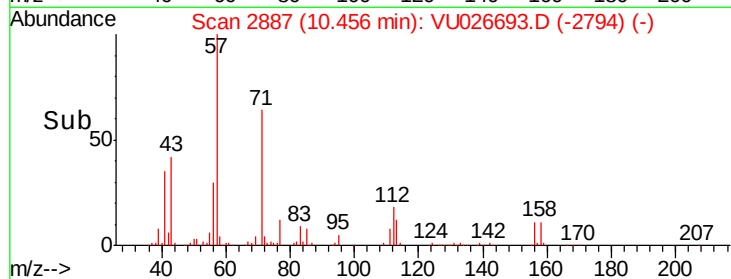
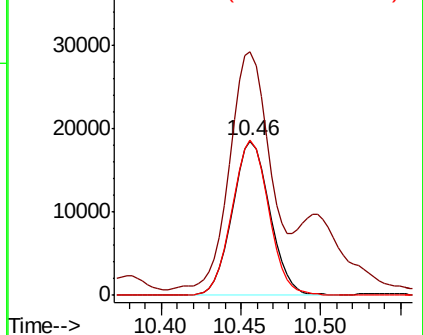
158 98.4 48.9 146.6



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: 9.02 ug/l

RT: 10.59 min Scan# 2929

Delta R.T. 0.00 min

Lab File: VU026693.D

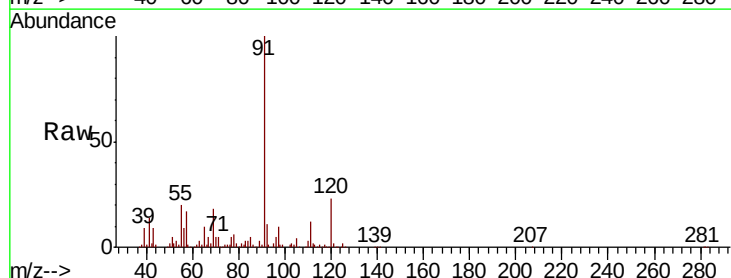
Acq: 12 Sep 2018 10:23

Tgt Ion: 91 Resp: 164106

Ion Ratio Lower Upper

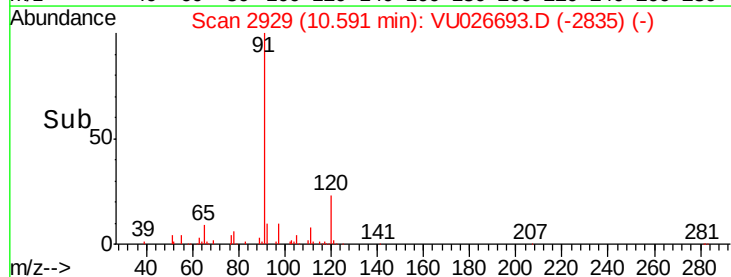
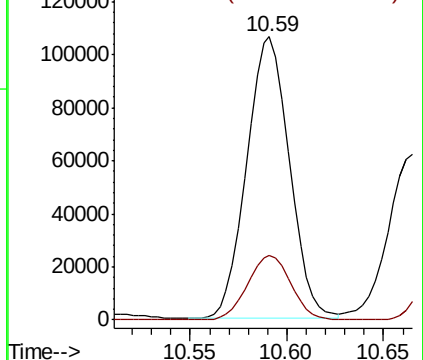
91 100

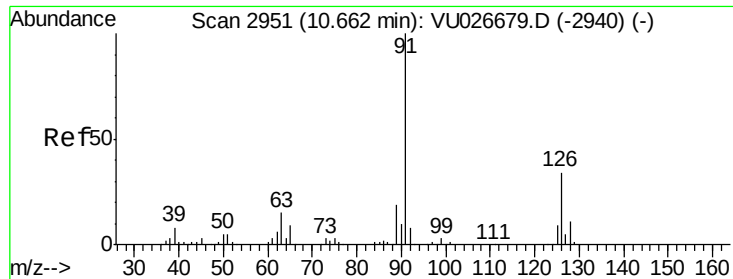
120 23.0 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V

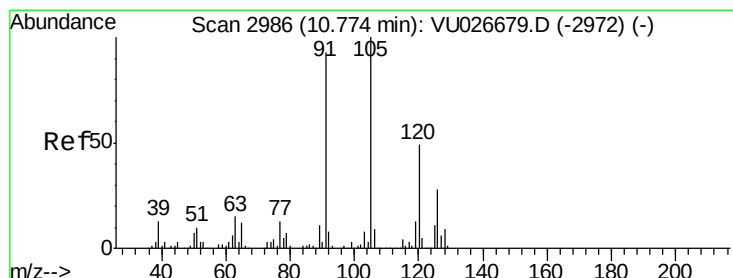
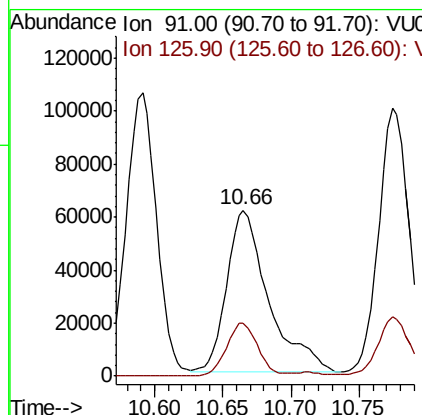
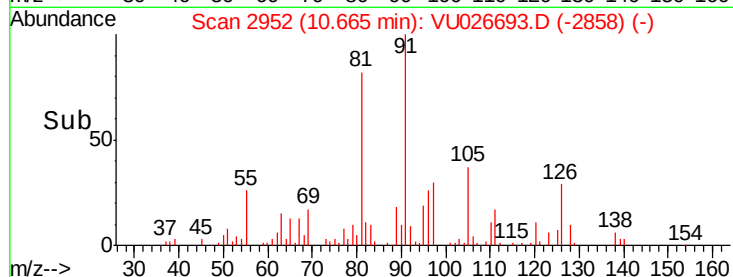
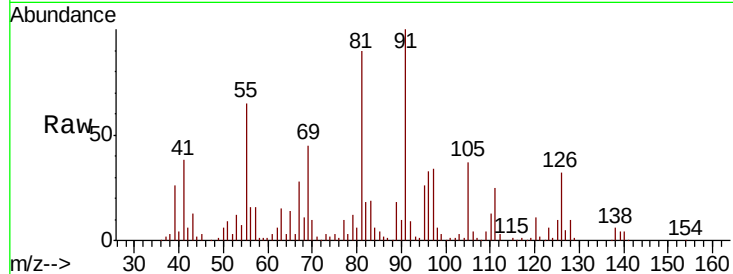




#79
 2-Chlorotoluene
 Concen: 11.56 ug/l
 RT: 10.66 min Scan# 2952
 Delta R.T. 0.00 min
 Lab File: VU026693.D
 Acq: 12 Sep 2018 10:23

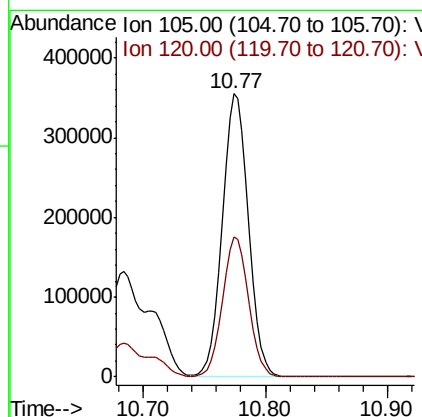
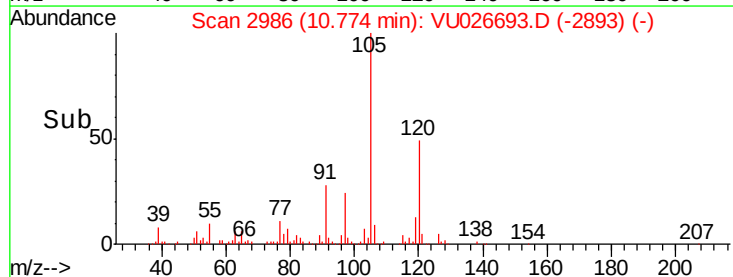
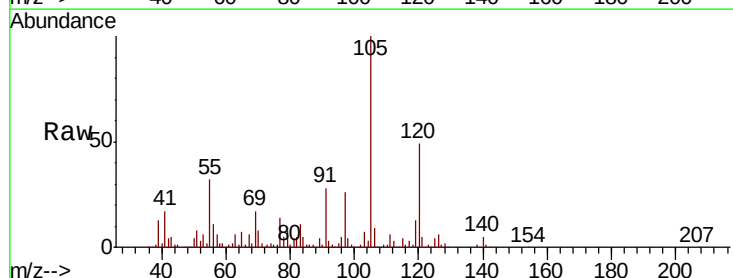
Instrument :
 MSVOA_U
 ClientSampleId :
 EP1-Q2-H7

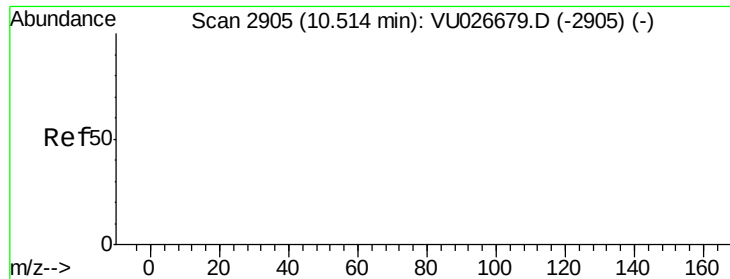
Tot Ion: 91 Resp: 130488
 Ion Ratio Lower Upper
 91 100
 126 24.2 17.3 51.7



#80
 1,3,5-Trimethylbenzene
 Concen: 40.61 ug/l
 RT: 10.77 min Scan# 2986
 Delta R.T. 0.00 min
 Lab File: VU026693.D
 Acq: 12 Sep 2018 10:23

Tgt Ion: 105 Resp: 534244
 Ion Ratio Lower Upper
 105 100
 120 49.3 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 14.90 ug/l

RT: 10.50 min Scan# 2900

Delta R.T. -0.02 min

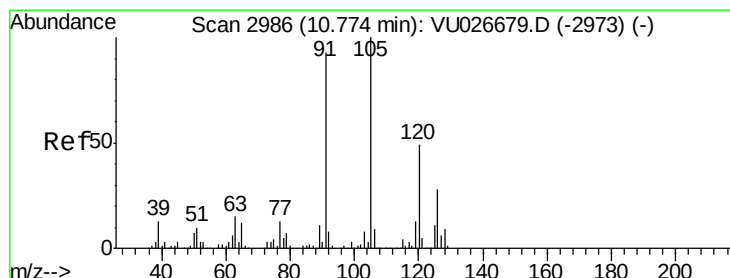
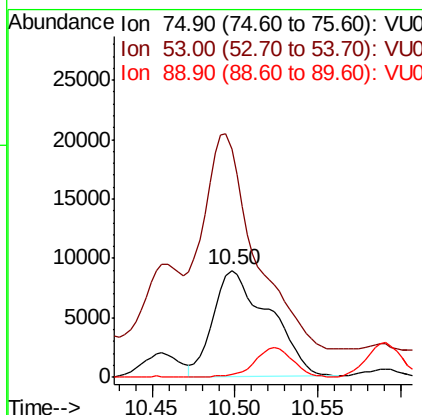
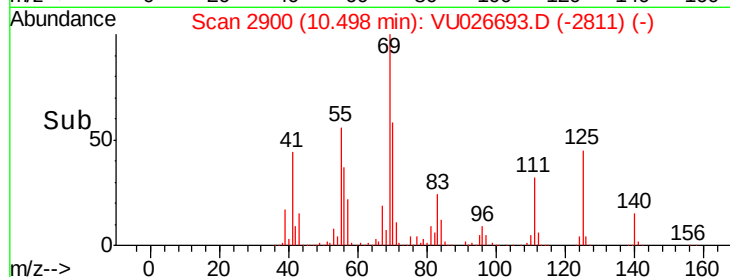
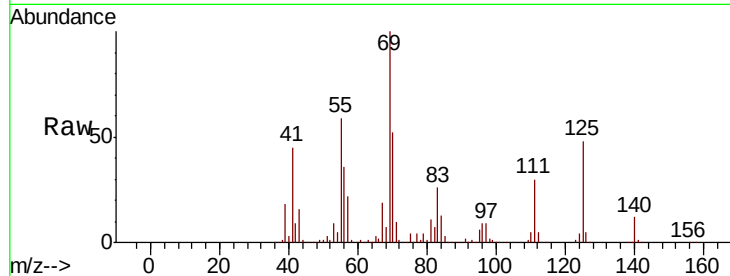
Lab File: VU026693.D

Acq: 12 Sep 2018 10:23

Instrument :
MSVOA_U
ClientSampled :
EP1-Q2-H7

Tot Ion: 75 Resp: 21064

Ion	Ratio	Lower	Upper
75	100		
53	190.4	0.0	0.0#
89	0.0	0.0	0.0



#82

4-Chlorotoluene

Concen: 12.05 ug/l

RT: 10.77 min Scan# 2986

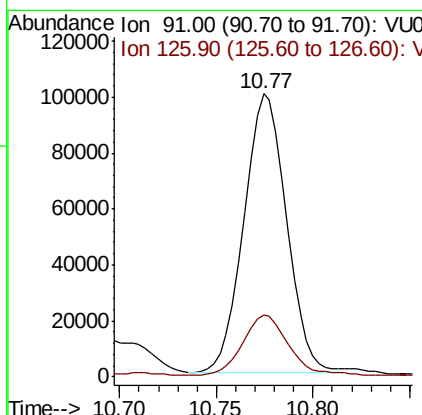
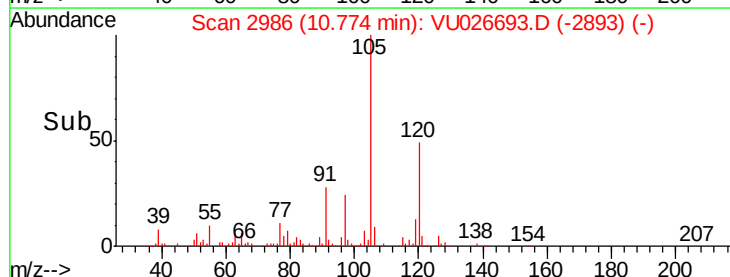
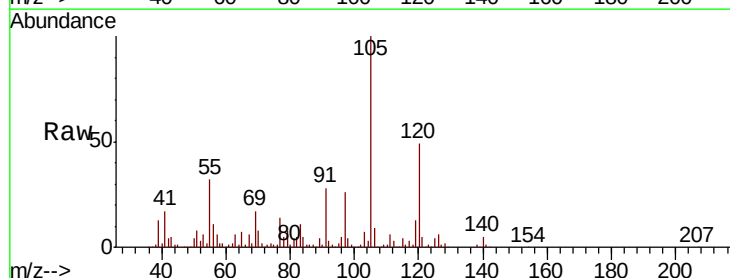
Delta R.T. 0.00 min

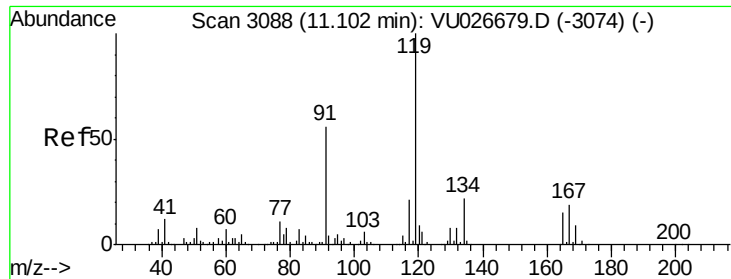
Lab File: VU026693.D

Acq: 12 Sep 2018 10:23

Tgt Ion: 91 Resp: 152821

Ion	Ratio	Lower	Upper
91	100		
126	24.2	15.2	45.5

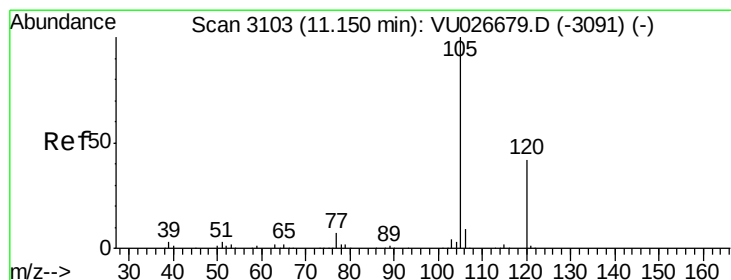
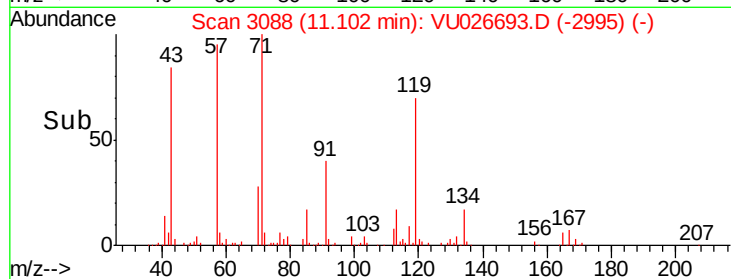
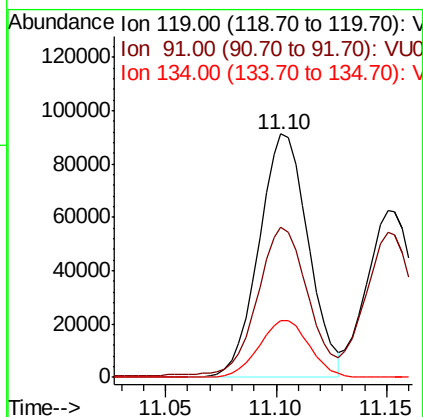
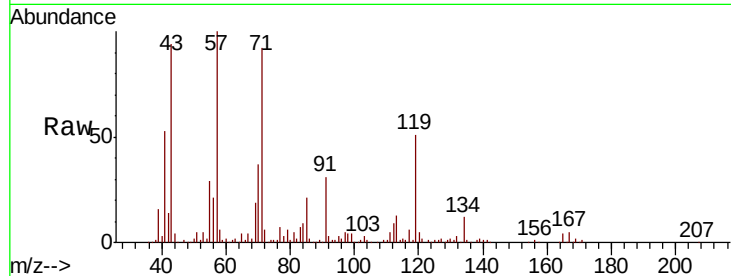




#83
 tert-Butylbenzene
 Concen: 10.60 ug/l
 RT: 11.10 min Scan# 3088
 Delta R.T. 0.00 min
 Lab File: VU026693.D
 Acq: 12 Sep 2018 10:23

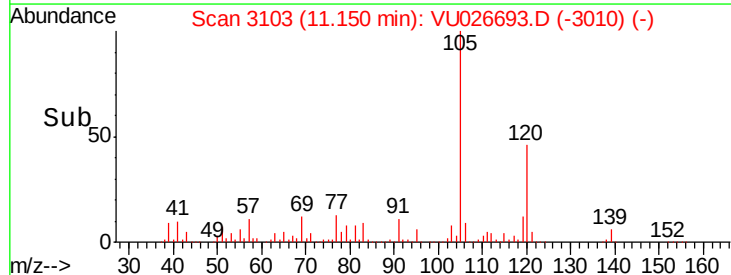
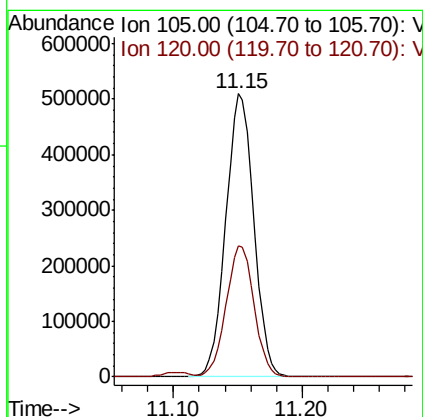
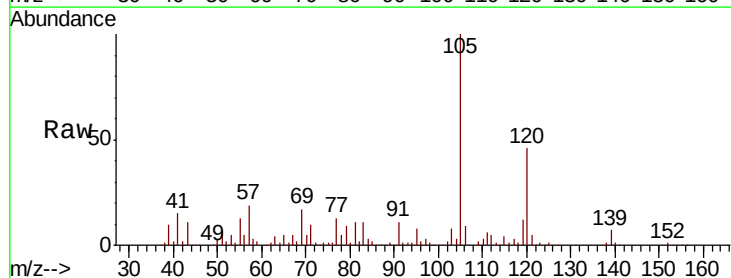
Instrument :
 MSVOA_U
 ClientSampleId :
 EP1-Q2-H7

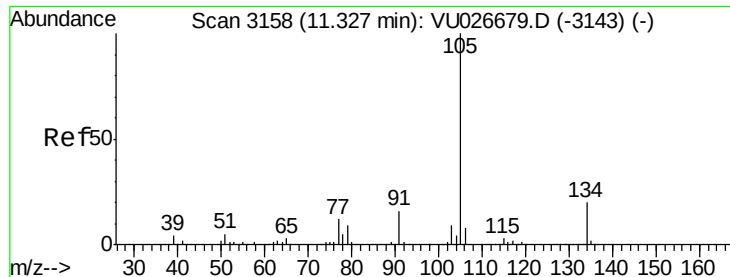
Tot Ion:119 Resp: 141546
 Ion Ratio Lower Upper
 119 100
 91 62.0 28.3 85.0
 134 23.7 11.2 33.5



#84
 1,2,4-Trimethylbenzene
 Concen: 57.57 ug/l
 RT: 11.15 min Scan# 3103
 Delta R.T. 0.00 min
 Lab File: VU026693.D
 Acq: 12 Sep 2018 10:23

Tgt Ion:105 Resp: 763852
 Ion Ratio Lower Upper
 105 100
 120 46.2 23.3 69.8

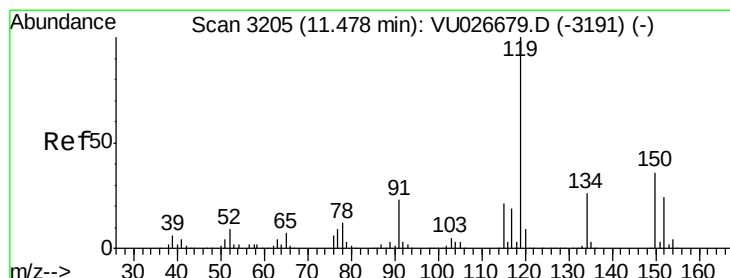
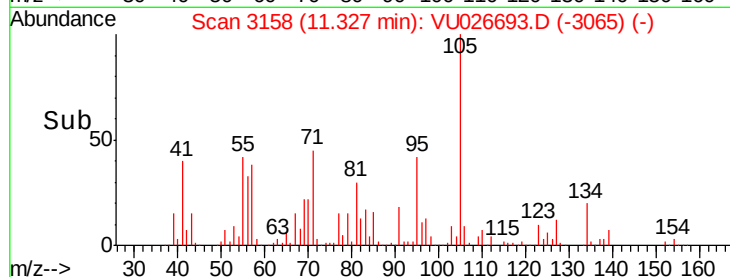
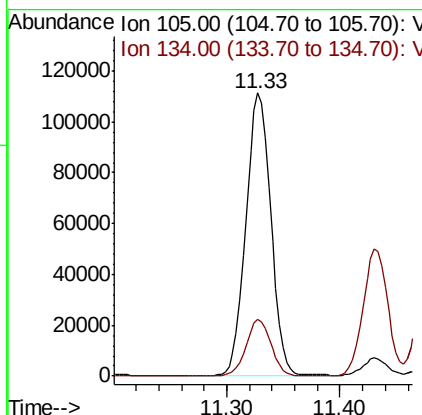
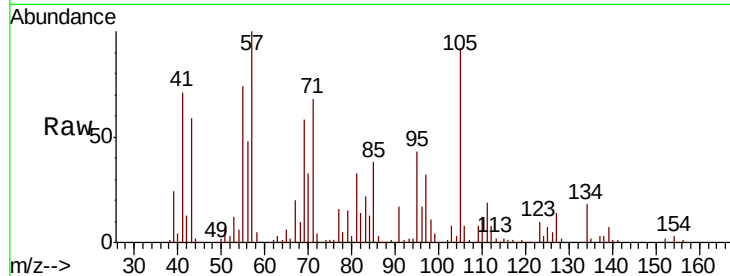




#85
 sec-Butylbenzene
 Concen: 10.76 ug/l
 RT: 11.33 min Scan# 3158
 Delta R.T. 0.00 min
 Lab File: VU026693.D
 Acq: 12 Sep 2018 10:23

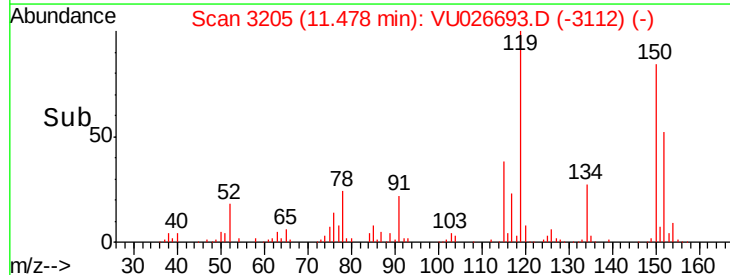
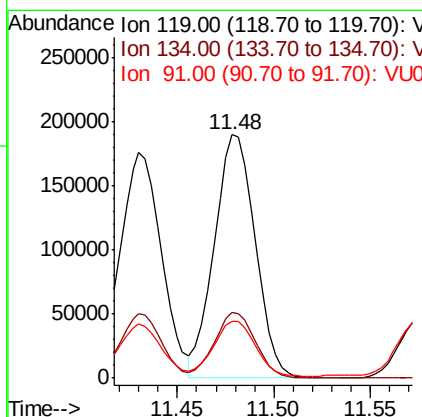
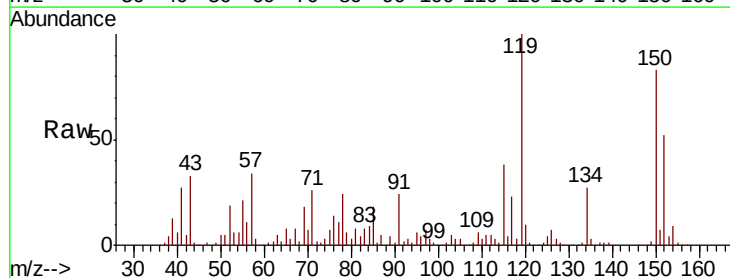
Instrument :
 MSVOA_U
 ClientSampleId :
 EP1-Q2-H7

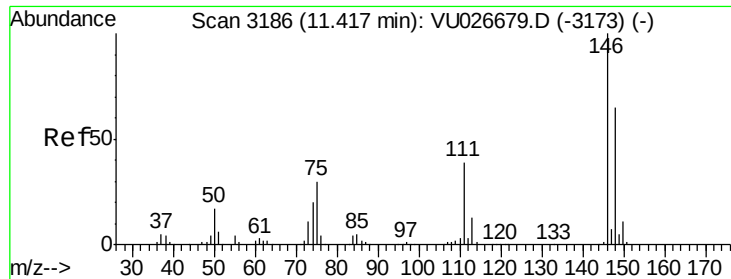
Tot Ion:105 Resp: 170601
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 19.06 ug/l
 RT: 11.48 min Scan# 3205
 Delta R.T. 0.00 min
 Lab File: VU026693.D
 Acq: 12 Sep 2018 10:23

Tgt Ion:119 Resp: 280371
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.2 39.5
 91 22.5 11.6 34.8

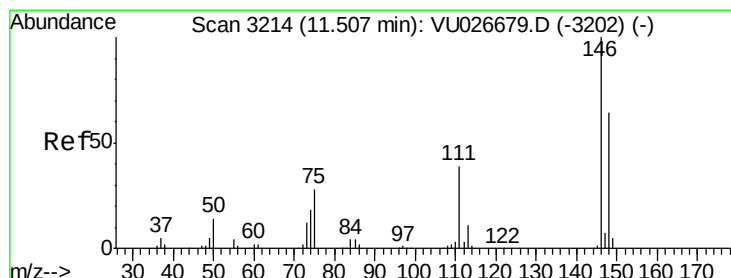
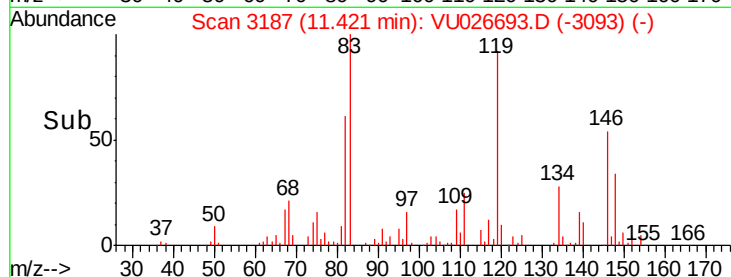
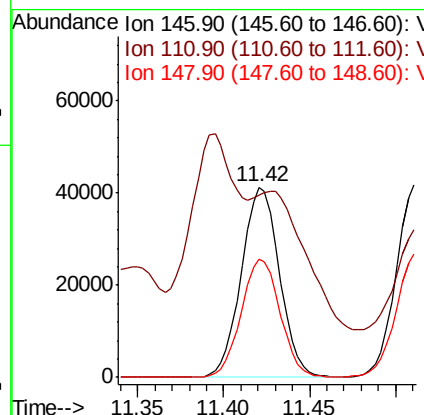
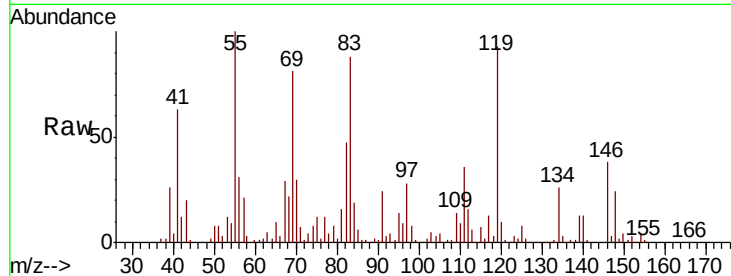




#87
 1,3-Dichlorobenzene
 Concen: 8.02 ug/l
 RT: 11.42 min Scan# 3187
 Delta R.T. 0.00 min
 Lab File: VU026693.D
 Acq: 12 Sep 2018 10:23

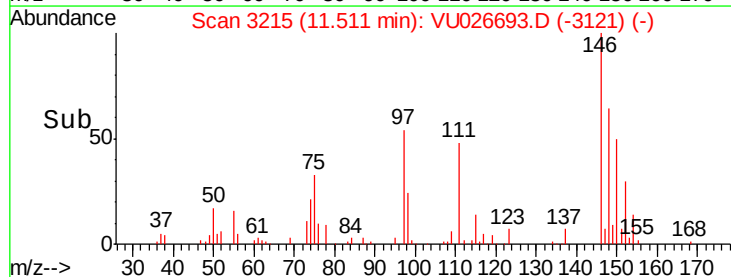
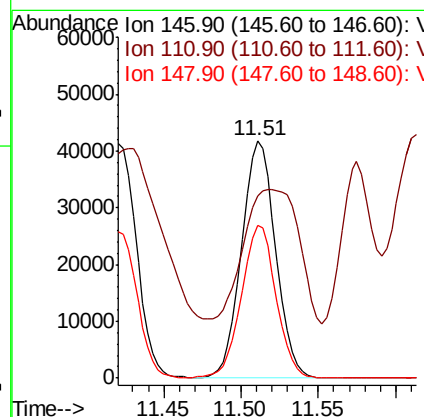
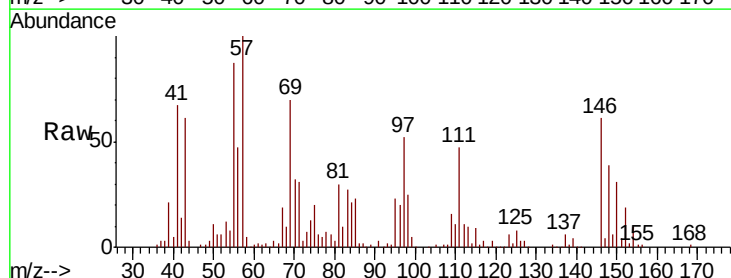
Instrument :
 MSVOA_U
 ClientSampleId :
 EP1-Q2-H7

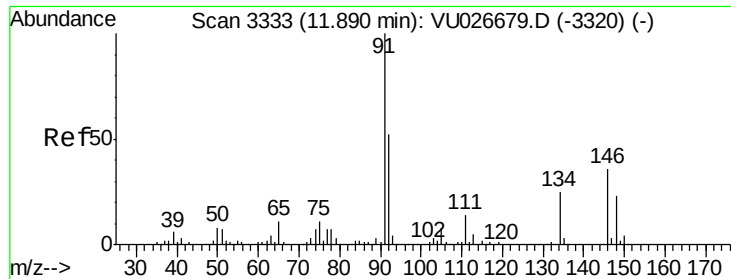
Tot Ion:146 Resp: 63643
 Ion Ratio Lower Upper
 146 100
 111 0.0 19.7 59.1#
 148 63.2 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 7.76 ug/l
 RT: 11.51 min Scan# 3215
 Delta R.T. 0.00 min
 Lab File: VU026693.D
 Acq: 12 Sep 2018 10:23

Tgt Ion:146 Resp: 63984
 Ion Ratio Lower Upper
 146 100
 111 90.6 19.2 57.6#
 148 65.4 32.1 96.3





#89

n-Butylbenzene

Concen: 20.05 ug/l

RT: 11.89 min Scan# 3332

Delta R.T. -0.00 min

Lab File: VU026693.D

Acq: 12 Sep 2018 10:23

Instrument :

MSVOA_U

ClientSampleId :

EP1-Q2-H7

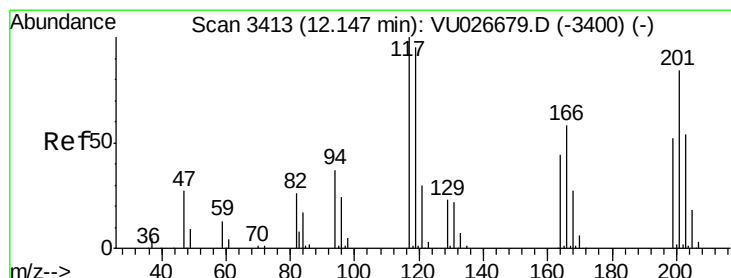
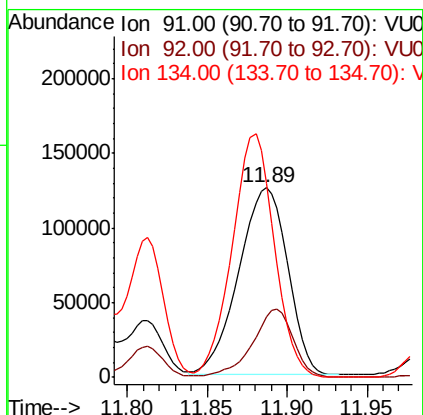
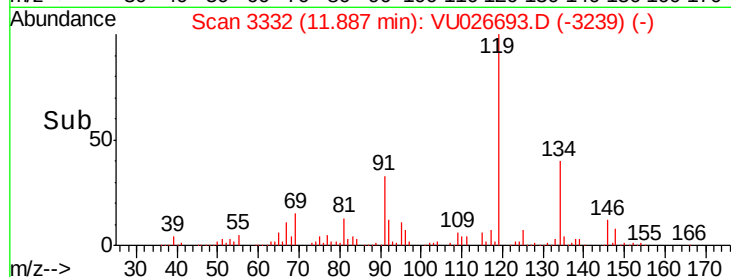
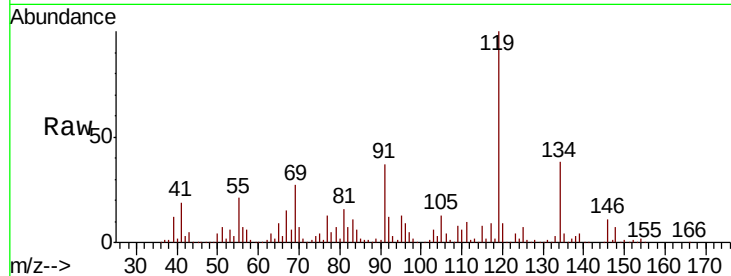
Tot Ion: 91 Resp: 261999

Ion Ratio Lower Upper

91 100

92 30.3 25.8 77.3

134 111.7 12.6 37.8#



#90

Hexachloroethane

Concen: 16.70 ug/l

RT: 12.15 min Scan# 3414

Delta R.T. 0.00 min

Lab File: VU026693.D

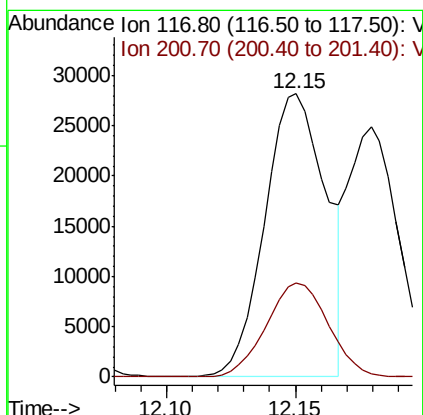
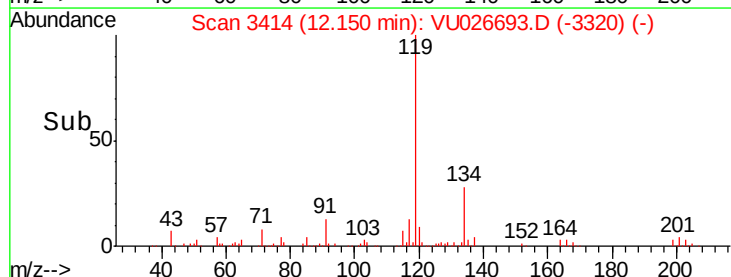
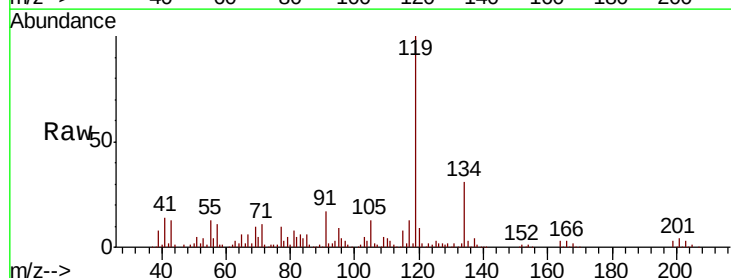
Acq: 12 Sep 2018 10:23

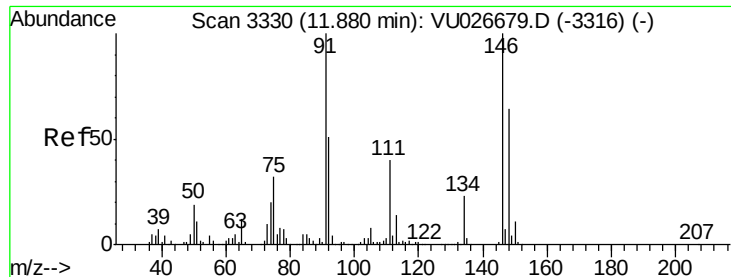
Tgt Ion: 117 Resp: 46717

Ion Ratio Lower Upper

117 100

201 33.3 42.4 127.1#

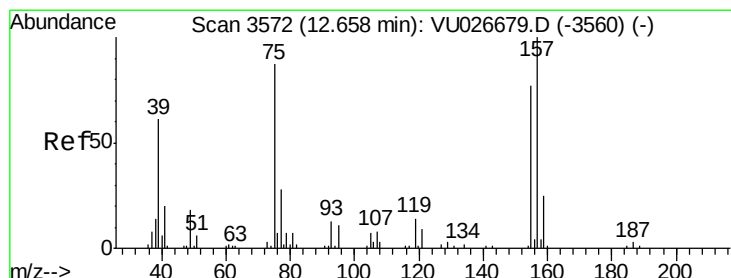
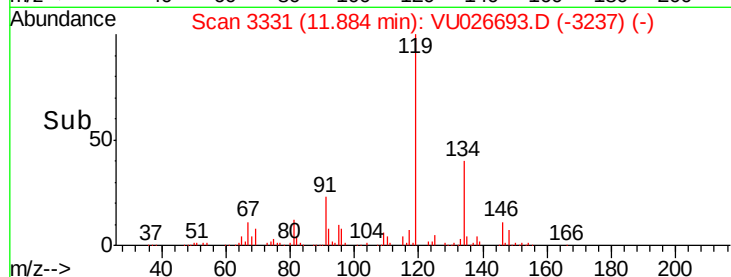
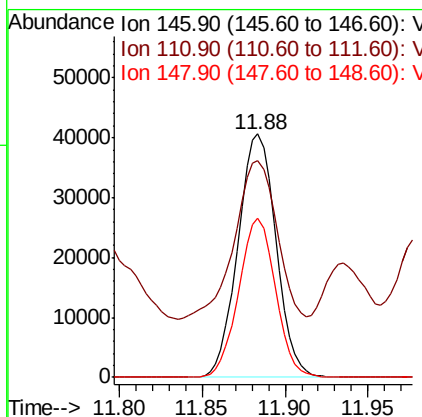
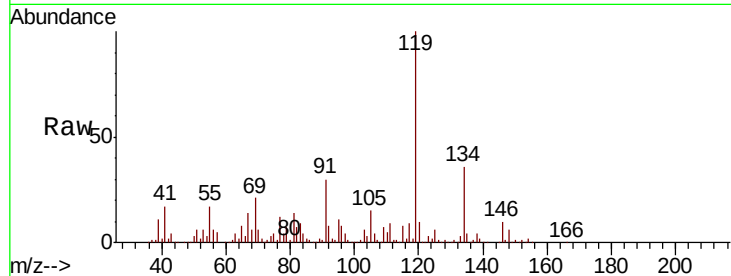




#91
 1,2-Dichlorobenzene
 Concen: 8.15 ug/l
 RT: 11.88 min Scan# 3331
 Delta R.T. 0.00 min
 Lab File: VU026693.D
 Acq: 12 Sep 2018 10:23

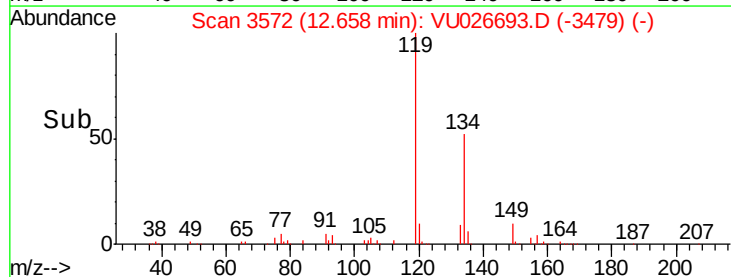
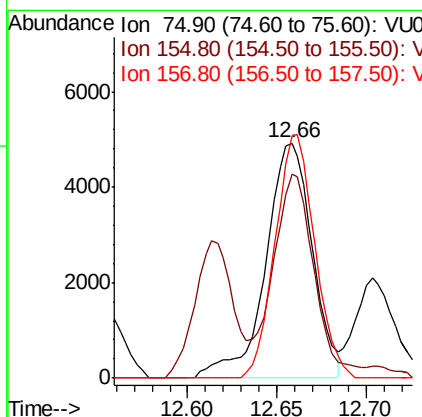
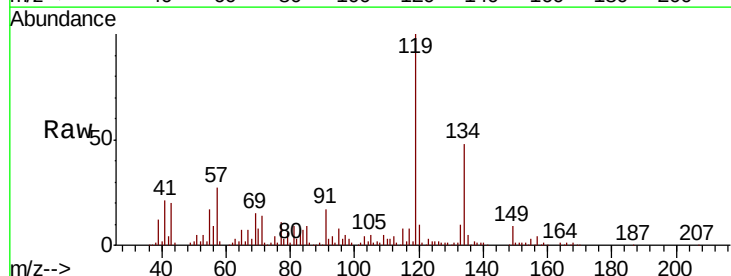
Instrument :
 MSVOA_U
 ClientSampled :
 EP1-Q2-H7

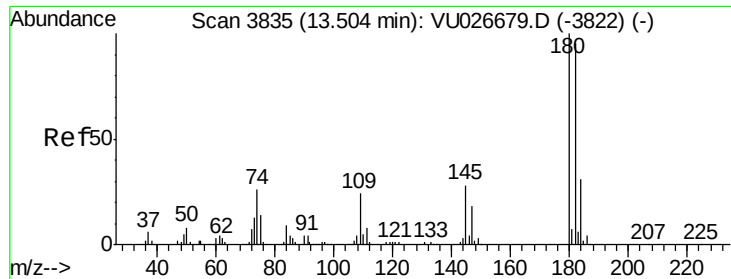
Tot Ion:146 Resp: 65022
 Ion Ratio Lower Upper
 146 100
 111 70.8 20.3 60.8#
 148 63.3 32.1 96.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 7.01 ug/l
 RT: 12.66 min Scan# 3572
 Delta R.T. 0.00 min
 Lab File: VU026693.D
 Acq: 12 Sep 2018 10:23

Tgt Ion: 75 Resp: 8965
 Ion Ratio Lower Upper
 75 100
 155 69.3 44.1 132.4
 157 88.1 57.2 171.6

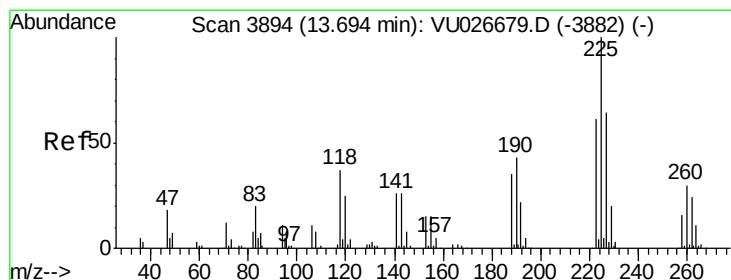
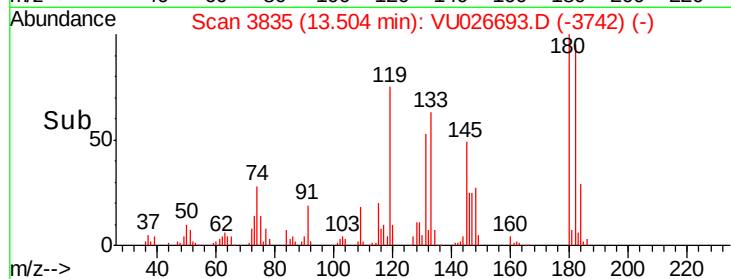
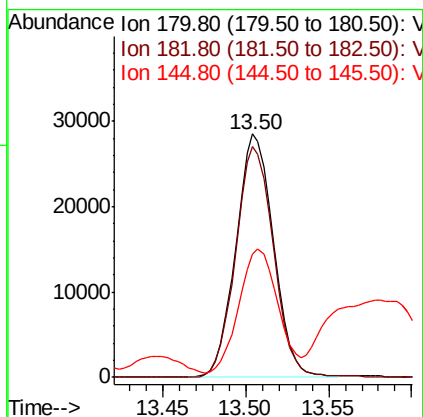
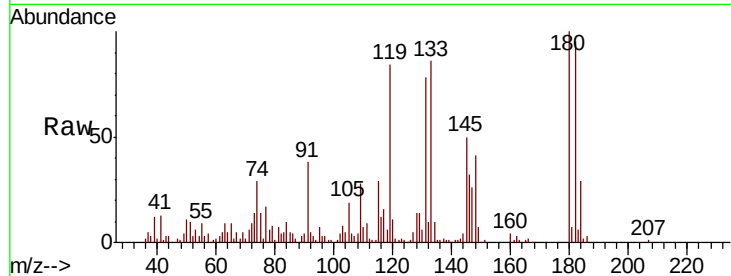




#93
 1,2,4-Trichlorobenzene
 Concen: 8.48 ug/l
 RT: 13.50 min Scan# 3835
 Delta R.T. 0.00 min
 Lab File: VU026693.D
 Acq: 12 Sep 2018 10:23

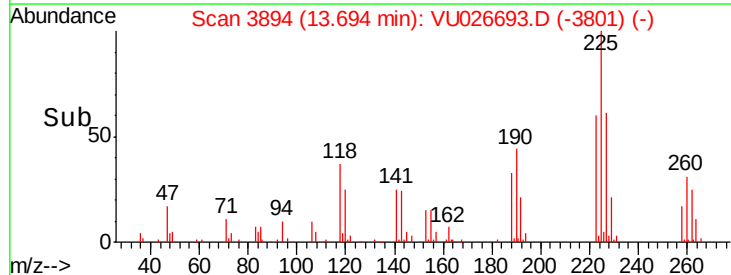
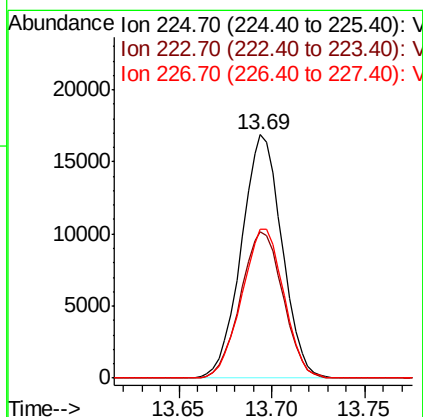
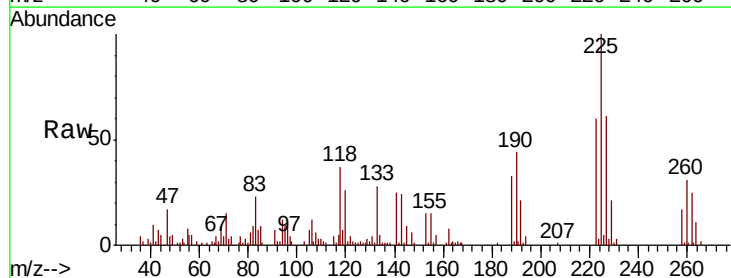
Instrument :
 MSVOA_U
 ClientSampleId :
 EP1-Q2-H7

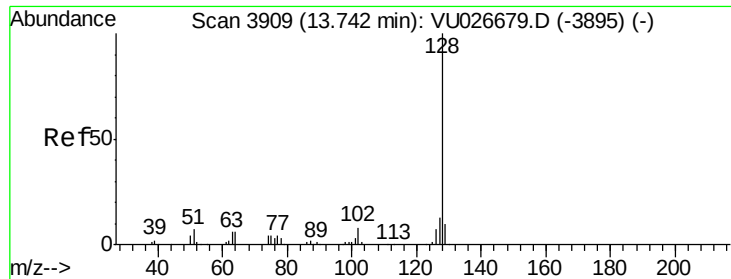
Tot Ion:180 Resp: 44929
 Ion Ratio Lower Upper
 180 100
 182 95.7 47.9 143.7
 145 53.1 14.0 42.0#



#94
 Hexachlorobutadiene
 Concen: 9.44 ug/l
 RT: 13.69 min Scan# 3894
 Delta R.T. 0.00 min
 Lab File: VU026693.D
 Acq: 12 Sep 2018 10:23

Tgt Ion:225 Resp: 25745
 Ion Ratio Lower Upper
 225 100
 223 63.0 30.6 92.0
 227 63.5 32.1 96.3

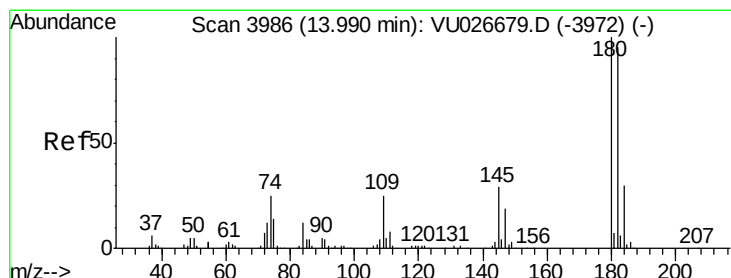
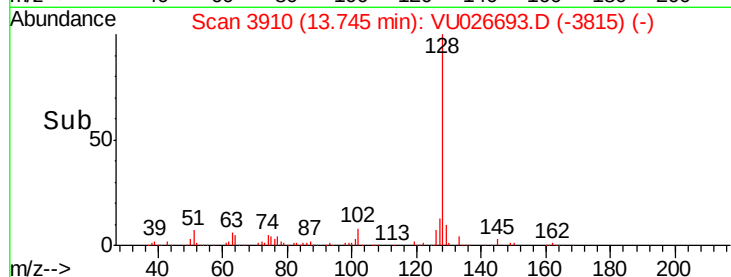
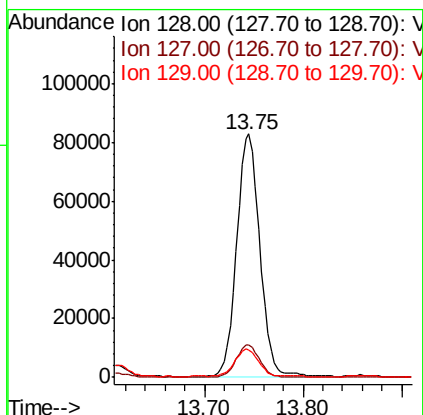
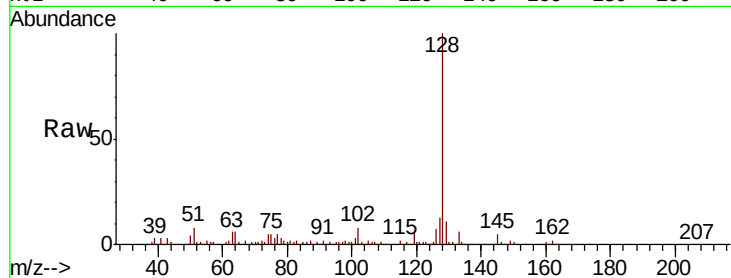




#95
Naphthalene
Concen: 8.44 ug/l
RT: 13.75 min Scan# 3910
Delta R.T. 0.00 min
Lab File: VU026693.D
Acq: 12 Sep 2018 10:23

Instrument :
MSVOA_U
ClientSampled :
EP1-Q2-H7

Tot Ion:128 Resp: 135081
Ion Ratio Lower Upper
128 100
127 13.2 10.4 15.6
129 11.3 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 7.91 ug/l
RT: 13.99 min Scan# 3986
Delta R.T. 0.00 min
Lab File: VU026693.D
Acq: 12 Sep 2018 10:23

Tgt Ion:180 Resp: 43795
Ion Ratio Lower Upper
180 100
182 93.4 47.9 143.7
145 41.4 14.9 44.9

