

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092618\
 Data File : VU027161.D
 Acq On : 26 Sep 2018 05:12
 Operator : MD/SY
 Sample : J5032-12
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 26 06:05:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U092218W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 22 01:31:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	73399	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	131201	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	128078	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	70652	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.31	65	83589	56.58	ug/l	0.00
Spiked Amount			Recovery	=	113.16%	
35) Dibromofluoromethane	4.88	113	57499	50.56	ug/l	0.00
Spiked Amount			Recovery	=	101.12%	
50) Toluene-d8	7.57	98	219202	50.58	ug/l	0.00
Spiked Amount			Recovery	=	101.16%	
62) 4-Bromofluorobenzene	10.31	95	79571	53.50	ug/l	0.00
Spiked Amount			Recovery	=	107.00%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.21	85	44492	46.427	ug/l	100
3) Chloromethane	1.33	50	74832	45.291	ug/l	99
4) Vinyl Chloride	1.40	62	73956	47.952	ug/l	98
5) Bromomethane	1.62	94	29898	34.042	ug/l	96
6) Chloroethane	1.69	64	47645	48.349	ug/l	100
7) Trichlorofluoromethane	1.88	101	84244	48.093	ug/l	98
8) Diethyl Ether	2.10	74	41828	49.610	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	2.29	101	50145	46.558	ug/l	98
10) Methyl Iodide	2.41	142	27653	20.701	ug/l	99
11) Tert butyl alcohol	2.83	59	83379	246.245	ug/l	99
12) 1,1-Dichloroethene	2.28	96	49260	48.592	ug/l	99
13) Acrolein	2.20	56	37226	203.945	ug/l	99
14) Allyl chloride	2.59	41	104271	50.712	ug/l	99
15) Acrylonitrile	2.94	53	238608	279.594	ug/l	99
16) Acetone	2.32	43	219757	282.182	ug/l	98
17) Carbon Disulfide	2.48	76	151071	45.745	ug/l	100
18) Methyl Acetate	2.61	43	97573	46.405	ug/l	98
19) Methyl tert-butyl Ether	3.00	73	210396	56.478	ug/l	99
20) Methylene Chloride	2.70	84	65593	49.578	ug/l	96
21) trans-1,2-Dichloroethene	2.98	96	54719	50.556	ug/l	98
22) Diisopropyl ether	3.57	45	260088	59.140	ug/l	97
23) Vinyl Acetate	3.53	43	821953	219.255	ug/l	98
24) 1,1-Dichloroethane	3.45	63	132633	54.758	ug/l	99
25) 2-Butanone	4.26	43	337253	271.653	ug/l	97
26) 2,2-Dichloropropane	4.23	77	45467	24.069	ug/l	93
27) cis-1,2-Dichloroethene	4.23	96	64088	52.431	ug/l	97
28) Bromochloromethane	4.55	49	71386	61.139	ug/l	92
29) Tetrahydrofuran	4.64	42	221338	294.718	ug/l	96
30) Chloroform	4.67	83	119056	52.952	ug/l	100
31) Cyclohexane	5.00	56	113037	51.354	ug/l	95
32) 1,1,1-Trichloroethane	4.92	97	95953	53.452	ug/l	99
36) 1,1-Dichloropropene	5.14	75	84732	48.390	ug/l	98
37) Ethyl Acetate	4.38	43	99937	42.160	ug/l	99
38) Carbon Tetrachloride	5.14	117	80179	48.117	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	91636	48.157	ug/l	98
40) Benzene	5.39	78	263203	49.446	ug/l	100
41) Methacrylonitrile	4.54	41	72116	58.580	ug/l	96
42) 1,2-Dichloroethane	5.40	62	105148	52.283	ug/l	98
43) Isopropyl Acetate	5.55	43	165404	47.846	ug/l	98
44) Trichloroethene	6.19	130	53843	47.513	ug/l	96
45) 1,2-Dichloropropane	6.43	63	79582	52.469	ug/l	97
46) Dibromomethane	6.56	93	45997	50.214	ug/l	97
47) Bromodichloromethane	6.76	83	92818	50.111	ug/l	99
48) Methyl methacrylate	6.62	41	98431	52.267	ug/l	98
49) 1,4-Dioxane	6.61	88	30613	818.937	ug/l	96
51) 4-Methyl-2-Pentanone	7.46	43	658481	283.214	ug/l	98
52) Toluene	7.64	92	155402	50.931	ug/l	97
53) t-1,3-Dichloropropene	7.88	75	92250	46.355	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	97119	44.384	ug/l	98
55) 1,1,2-Trichloroethane	8.07	97	66046	51.085	ug/l	99
56) Ethyl methacrylate	8.02	69	109645	48.927	ug/l	98
57) 1,3-Dichloropropane	8.24	76	126601	52.649	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.27	63	463	5.218	ug/l #	52
59) 2-Hexanone	8.36	43	496952	273.053	ug/l	98
60) Dibromochloromethane	8.48	129	65286	51.481	ug/l	99
61) 1,2-Dibromoethane	8.59	107	67984	50.539	ug/l	97
64) Tetrachloroethene	8.23	164	44688	45.280	ug/l	97
65) Chlorobenzene	9.12	112	158985	46.815	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	59627	50.976	ug/l	98
67) Ethyl Benzene	9.25	91	290742	52.064	ug/l	99
68) m/p-Xylenes	9.38	106	215983	95.568	ug/l	98
69) o-Xylene	9.78	106	104377	52.753	ug/l	97
70) Styrene	9.79	104	175519	47.600	ug/l	99
71) Bromoform	9.96	173	46372	51.266	ug/l #	100
73) Isopropylbenzene	10.17	105	281355	52.351	ug/l	99
74) N-amyl acetate	10.02	43	128421	41.280	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.46	83	115574	46.772	ug/l	99
76) 1,2,3-Trichloropropane	10.49	75	124969	58.223	ug/l	81
77) Bromobenzene	10.45	156	63576	48.408	ug/l	93
78) n-propylbenzene	10.59	91	338157	53.176	ug/l	98
79) 2-Chlorotoluene	10.66	91	202782	50.767	ug/l	98
80) 1,3,5-Trimethylbenzene	10.77	105	234924	52.953	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.49	75	124969	186.324	ug/l #	100
82) 4-Chlorotoluene	10.77	91	233259	52.080	ug/l	97
83) tert-Butylbenzene	11.10	119	225087	51.318	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	240330	53.230	ug/l	98
85) sec-Butylbenzene	11.32	105	280522	52.393	ug/l	100
86) p-Isopropyltoluene	11.48	119	236565	47.141	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	115635	47.314	ug/l	98
88) 1,4-Dichlorobenzene	11.51	146	116658	43.797	ug/l	98
89) n-Butylbenzene	11.89	91	214154	44.261	ug/l	99
90) Hexachloroethane	12.15	117	45431	46.661	ug/l	95
91) 1,2-Dichlorobenzene	11.88	146	119225	45.925	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	25637	50.857	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.50	180	72953	48.764	ug/l	99
94) Hexachlorobutadiene	13.69	225	34816	43.983	ug/l	100
95) Naphthalene	13.74	128	271600	46.553	ug/l	100
96) 1,2,3-Trichlorobenzene	13.99	180	78896	49.177	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. 0.00 min

Lab File: VU027161.D

Acq: 26 Sep 2018 05:12

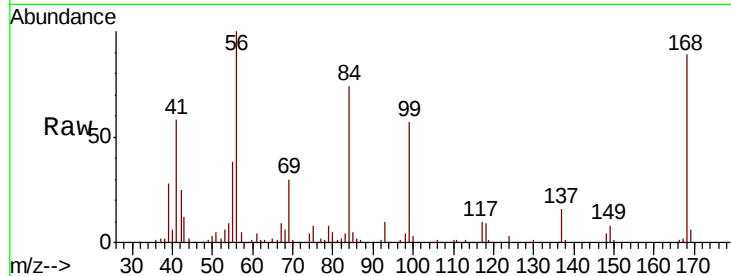
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion:168 Resp: 73399

Ion Ratio Lower Upper

168 100

99 62.8 48.1 72.1



Abundance Ion 167.90 (167.60 to 168.60): VU026969.D (-1169) (-)

Ion 98.90 (98.60 to 99.60): VU026969.D (-1169) (-)

4.99

30000

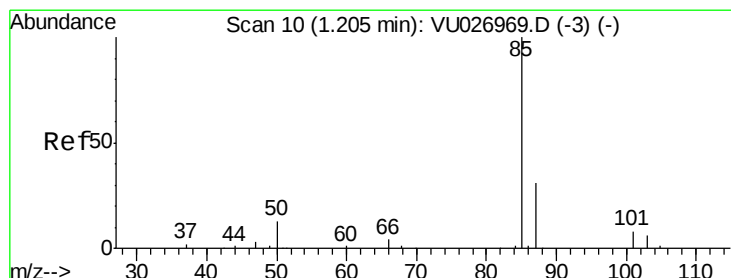
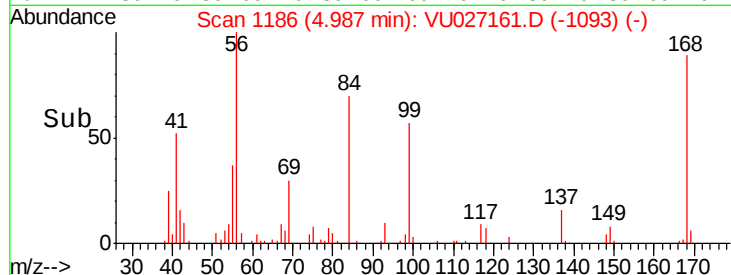
20000

10000

0

4.90 4.95 5.00 5.05

Time-->



#2

Dichlorodifluoromethane

Concen: 46.427 ug/l

RT: 1.21 min Scan# 10

Delta R.T. 0.00 min

Lab File: VU027161.D

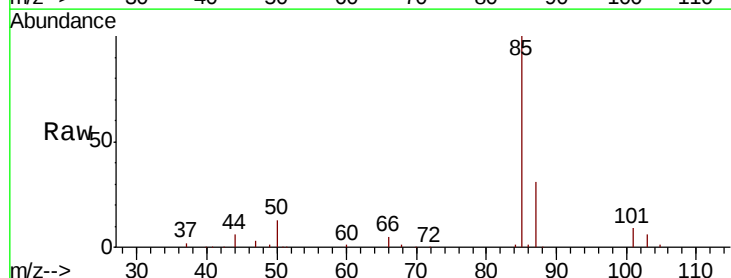
Acq: 26 Sep 2018 05:12

Tgt Ion: 85 Resp: 44492

Ion Ratio Lower Upper

85 100

87 31.2 15.6 46.7



Abundance Ion 84.90 (84.60 to 85.60): VU026969.D (-3) (-)

Ion 86.90 (86.60 to 87.60): VU026969.D (-3) (-)

1.21

50000

40000

30000

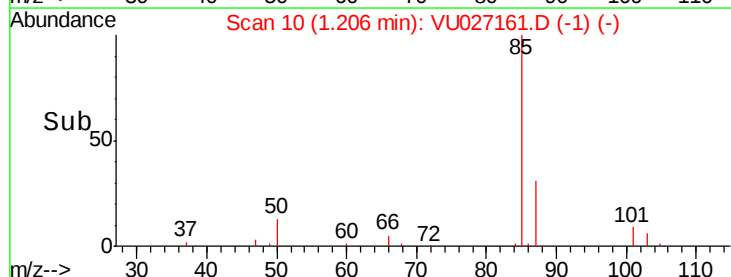
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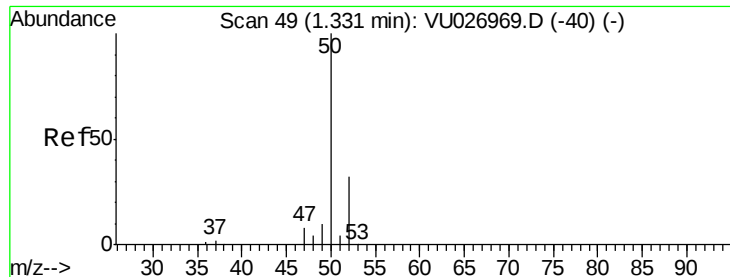
10000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 45.291 ug/l

RT: 1.33 min Scan# 48

Delta R.T. -0.00 min

Lab File: VU027161.D

Acq: 26 Sep 2018 05:12

Instrument :

MSVOA_U

ClientSampleId :

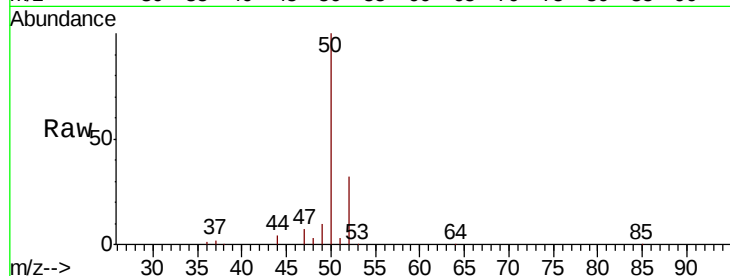
VSTDCCC050EC

Tot Ion: 50 Resp: 74832

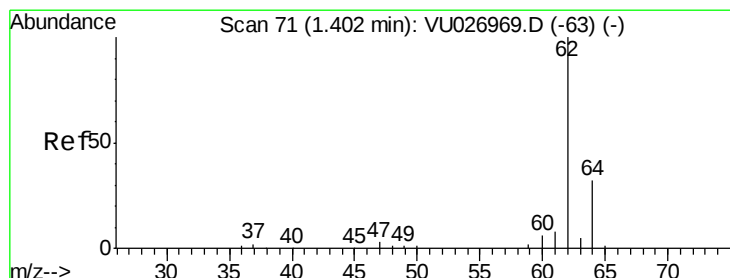
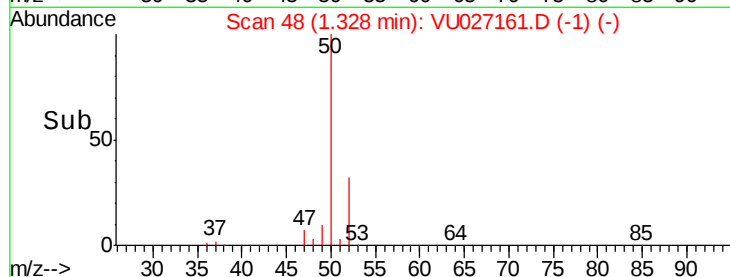
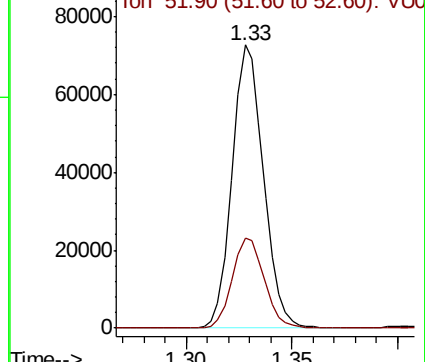
Ion Ratio Lower Upper

50 100

52 31.9 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VU027161.D (-1) (-)



#4

Vinyl Chloride

Concen: 47.952 ug/l

RT: 1.40 min Scan# 71

Delta R.T. 0.00 min

Lab File: VU027161.D

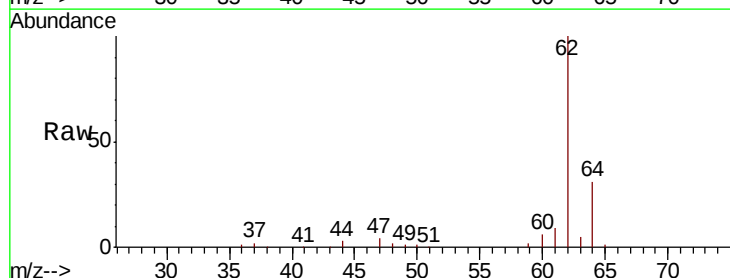
Acq: 26 Sep 2018 05:12

Tgt Ion: 62 Resp: 73956

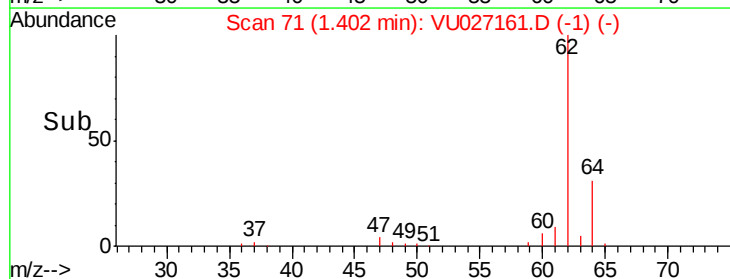
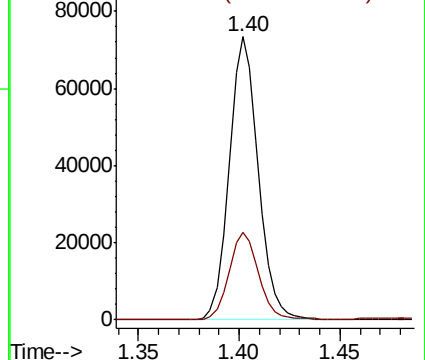
Ion Ratio Lower Upper

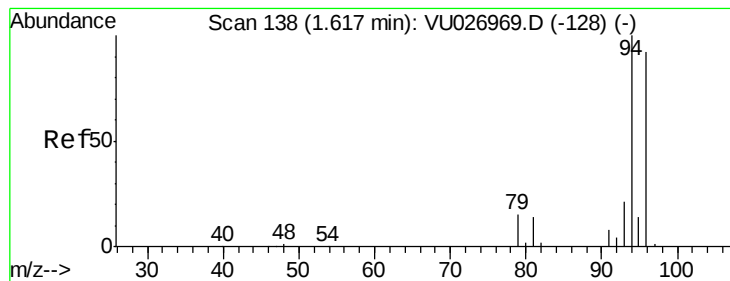
62 100

64 31.0 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VU027161.D (-1) (-)





#5

Bromomethane

Concen: 34.042 ug/l

RT: 1.62 min Scan# 138

Delta R.T. 0.00 min

Lab File: VU027161.D

Acq: 26 Sep 2018 05:12

Instrument :

MSVOA_U

ClientSampleId :

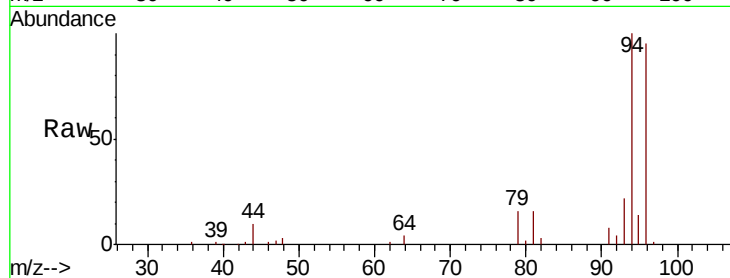
VSTDCCC050EC

Tot Ion: 94 Resp: 29898

Ion Ratio Lower Upper

94 100

96 95.5 73.2 109.8



Abundance Ion 93.90 (93.60 to 94.60): VU027161.D (-128) (-)

Ion 95.90 (95.60 to 96.60): VU027161.D (-128) (-)

1.62

25000

20000

15000

10000

5000

0

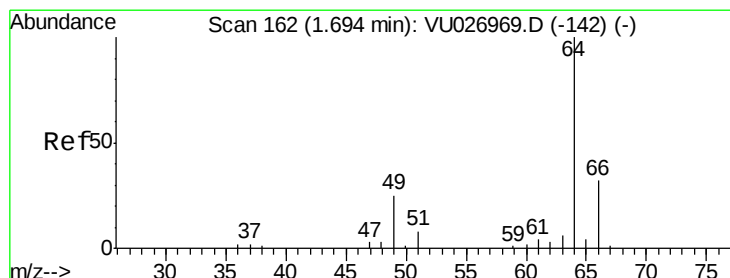
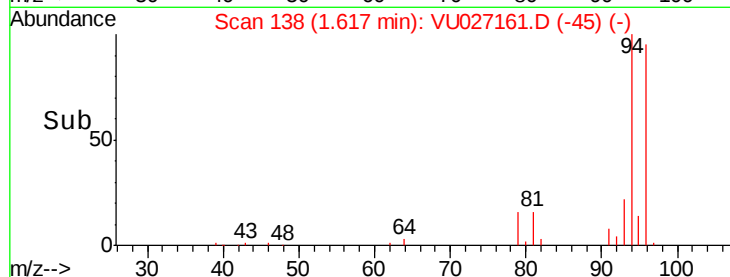
Time-->

1.55

1.60

1.65

1.70



#6

Chloroethane

Concen: 48.349 ug/l

RT: 1.69 min Scan# 162

Delta R.T. 0.00 min

Lab File: VU027161.D

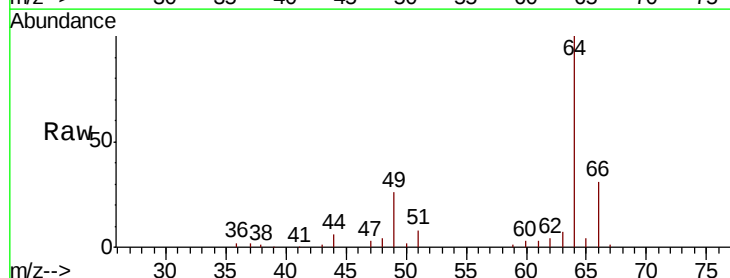
Acq: 26 Sep 2018 05:12

Tgt Ion: 64 Resp: 47645

Ion Ratio Lower Upper

64 100

66 31.7 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VU027161.D (-142) (-)

Ion 65.90 (65.60 to 66.60): VU027161.D (-142) (-)

1.69

40000

30000

20000

10000

0

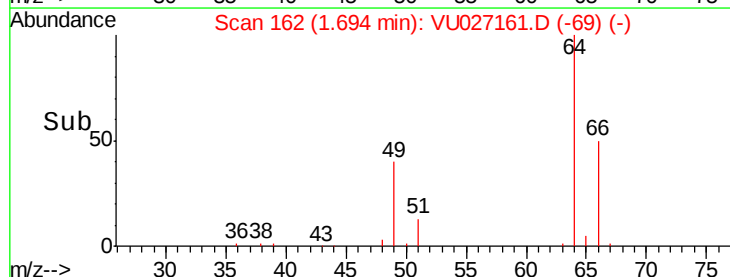
Time-->

1.65

1.70

1.75

1.80



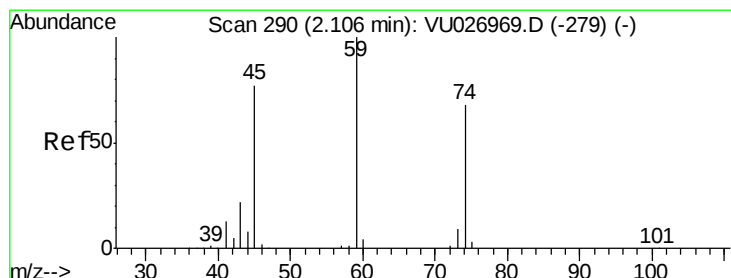
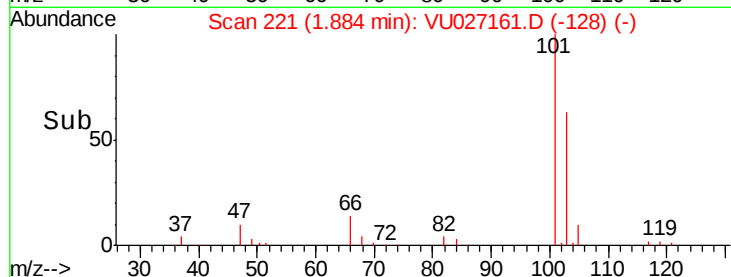
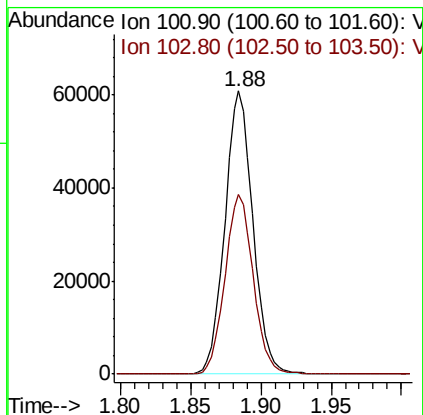
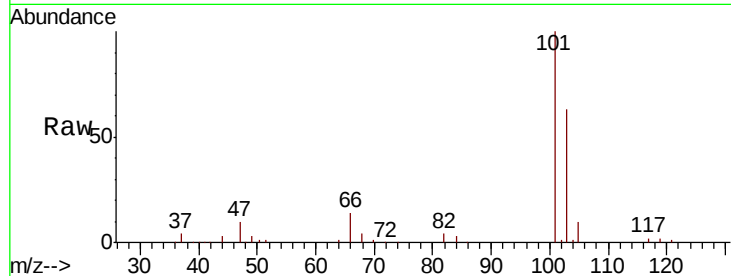


#7

Trichlorofluoromethane
 Concen: 48.093 ug/l
 RT: 1.88 min Scan# 221
 Delta R.T. 0.00 min
 Lab File: VU027161.D
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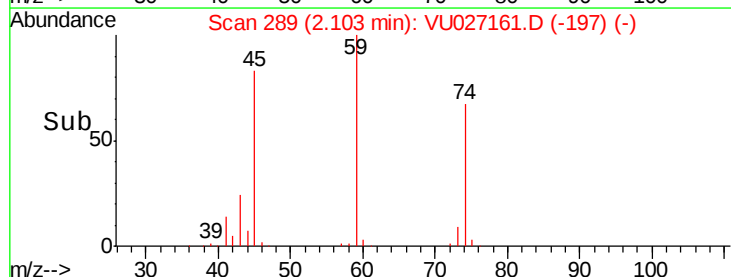
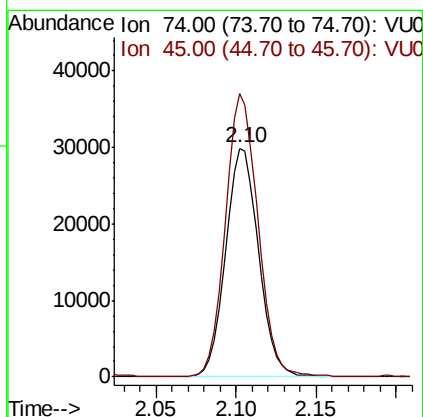
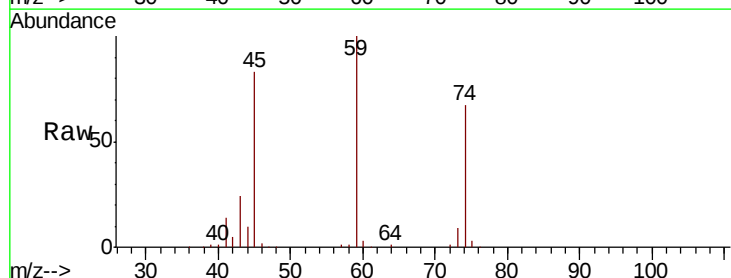
Tot Ion:101 Resp: 84244
 Ion Ratio Lower Upper
 101 100
 103 63.4 52.2 78.2

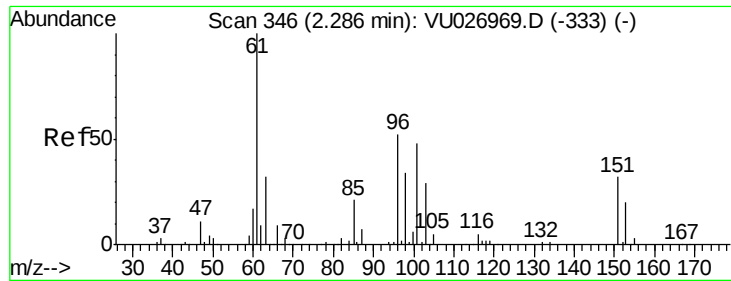


#8

Diethyl Ether
 Concen: 49.610 ug/l
 RT: 2.10 min Scan# 289
 Delta R.T. -0.00 min
 Lab File: VU027161.D
 Acq: 26 Sep 2018 05:12

Tgt Ion: 74 Resp: 41828
 Ion Ratio Lower Upper
 74 100
 45 122.9 56.9 170.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.558 ug/l

RT: 2.29 min Scan# 346

Delta R.T. 0.00 min

Lab File: VU027161.D

Acq: 26 Sep 2018 05:12

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

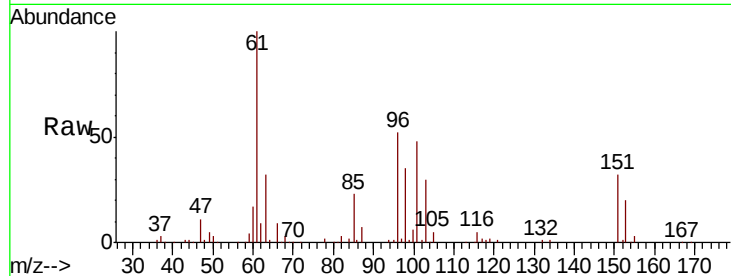
Tot Ion:101 Resp: 50145

Ion Ratio Lower Upper

101 100

85 47.4 36.2 54.2

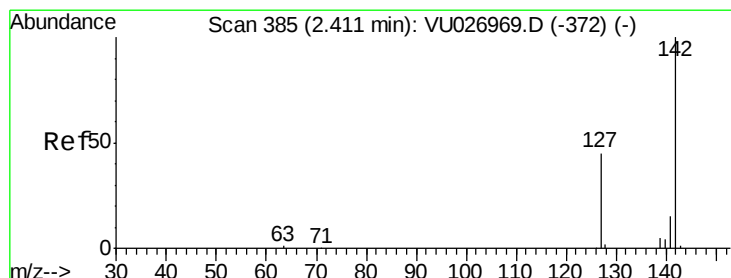
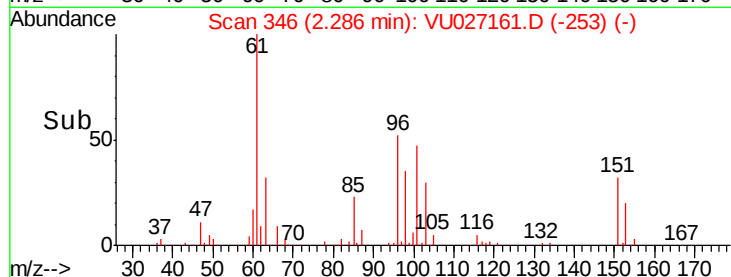
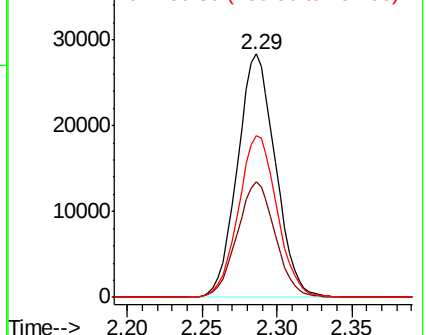
151 67.6 54.5 81.7



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: 20.701 ug/l

RT: 2.41 min Scan# 385

Delta R.T. 0.00 min

Lab File: VU027161.D

Acq: 26 Sep 2018 05:12

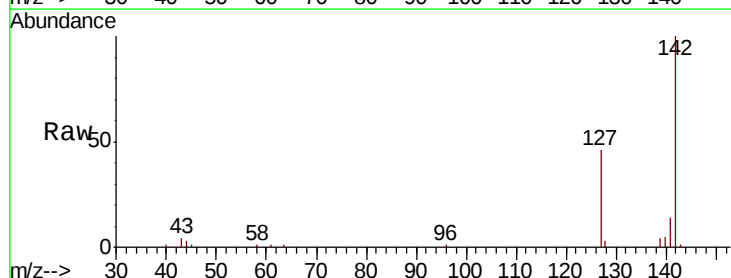
Tgt Ion:142 Resp: 27653

Ion Ratio Lower Upper

142 100

127 46.4 36.7 55.1

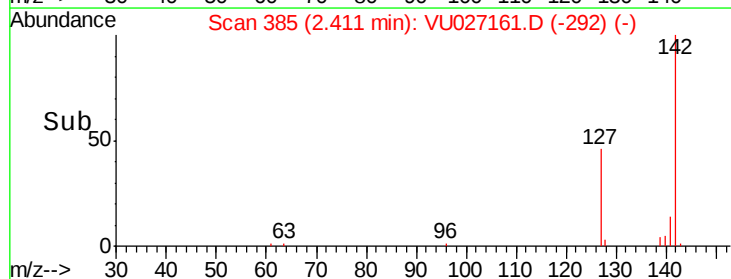
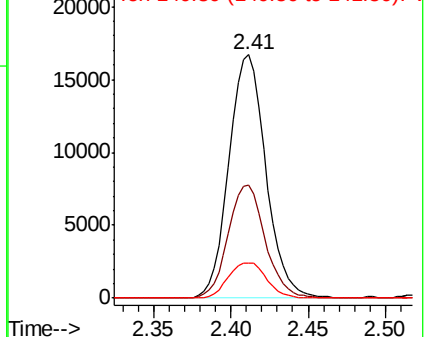
141 15.0 11.8 17.6

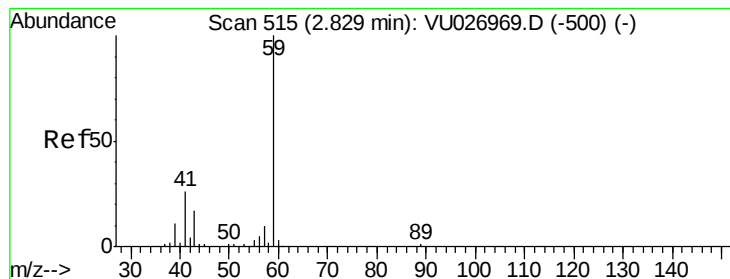


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 246.245 ug/l

RT: 2.83 min Scan# 514

Delta R.T. -0.00 min

Lab File: VU027161.D

Acq: 26 Sep 2018 05:12

Instrument :

MSVOA_U

ClientSampleId :

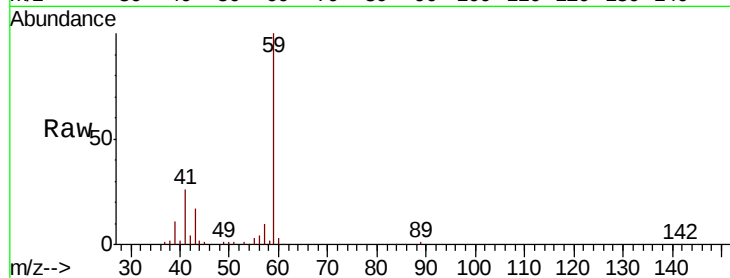
VSTDCCC050EC

Tot Ion: 59 Resp: 83379

Ion Ratio Lower Upper

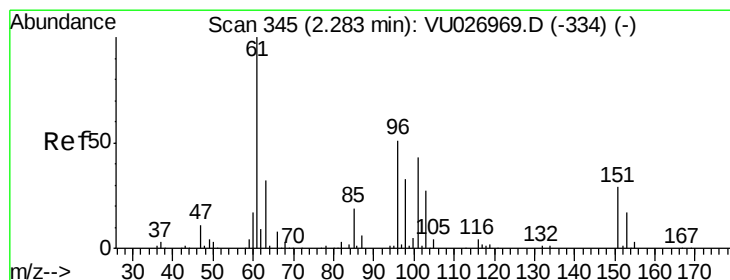
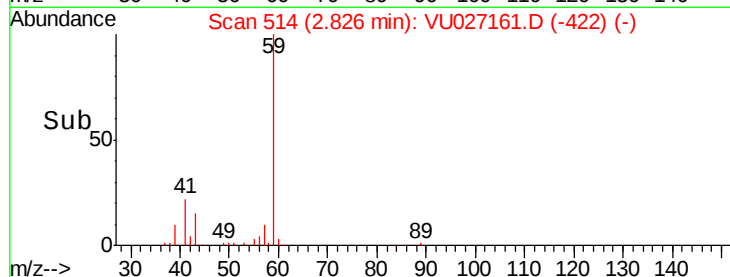
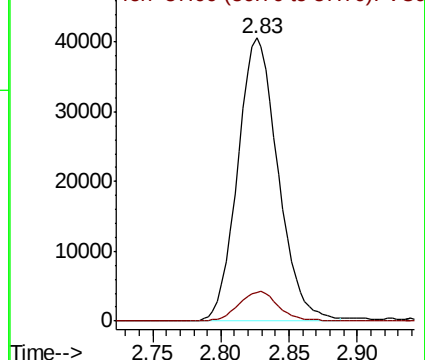
59 100

57 10.3 8.5 12.7



Abundance Ion 59.00 (58.70 to 59.70): VU0

Ion 57.00 (56.70 to 57.70): VU0



#12

1,1-Dichloroethene

Concen: 48.592 ug/l

RT: 2.28 min Scan# 345

Delta R.T. 0.00 min

Lab File: VU027161.D

Acq: 26 Sep 2018 05:12

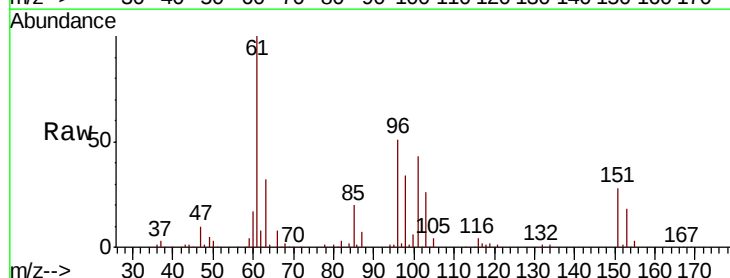
Tgt Ion: 96 Resp: 49260

Ion Ratio Lower Upper

96 100

61 196.1 156.1 234.1

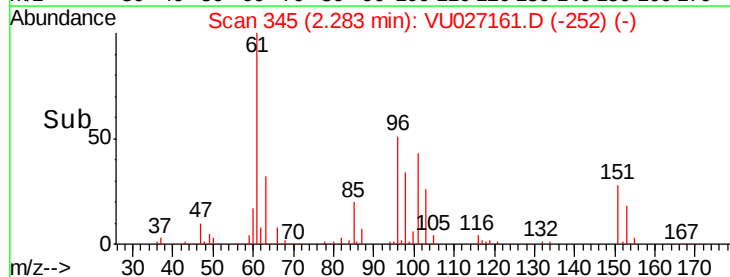
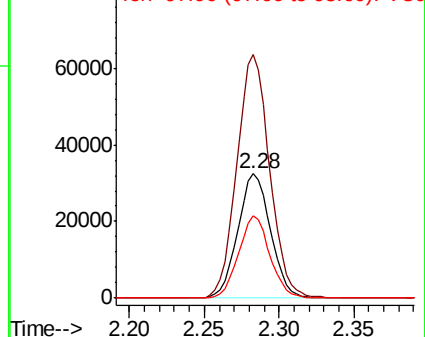
98 66.3 51.4 77.0

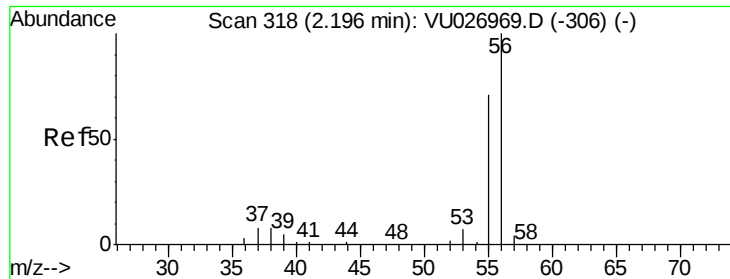


Abundance Ion 95.90 (95.60 to 96.60): VU0

Ion 60.90 (60.60 to 61.60): VU0

Ion 97.90 (97.60 to 98.60): VU0





#13

Acrolein

Concen: 203.945 ug/l

RT: 2.20 min Scan# 318

Delta R.T. 0.00 min

Lab File: VU027161.D

Acq: 26 Sep 2018 05:12

Instrument :

MSVOA_U

ClientSampleId :

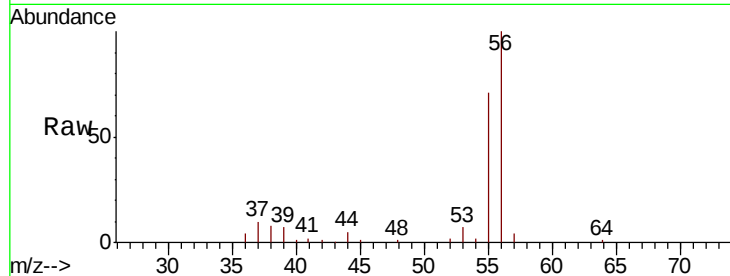
VSTDCCC050EC

Tot Ion: 56 Resp: 37226

Ion Ratio Lower Upper

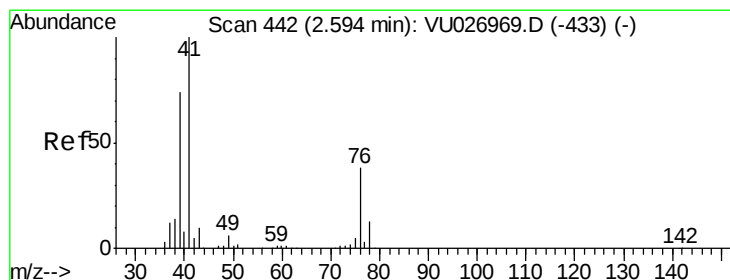
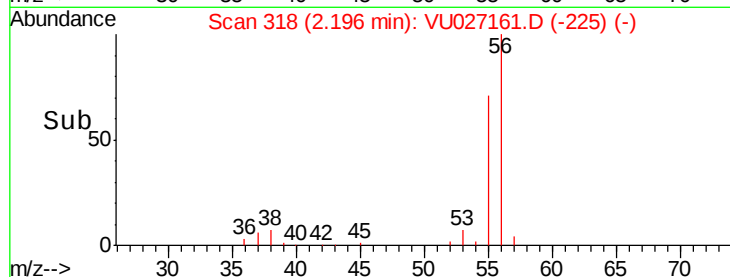
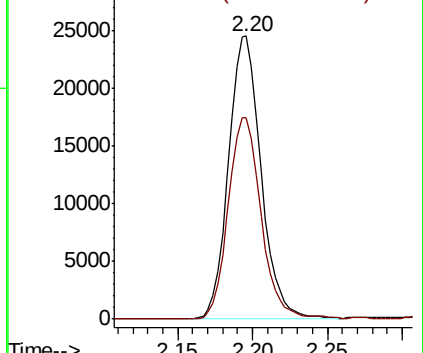
56 100

55 72.0 57.1 85.7



Abundance Ion 56.00 (55.70 to 56.70): VU0

Ion 55.00 (54.70 to 55.70): VU0



#14

Allyl chloride

Concen: 50.712 ug/l

RT: 2.59 min Scan# 441

Delta R.T. -0.00 min

Lab File: VU027161.D

Acq: 26 Sep 2018 05:12

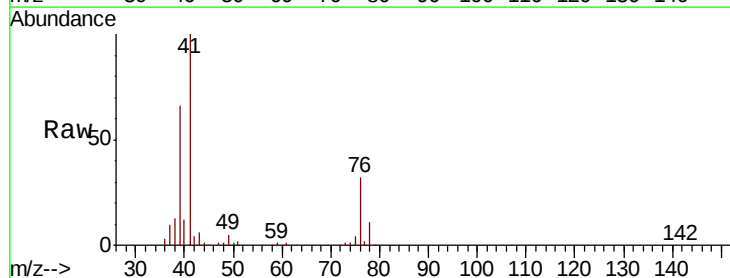
Tgt Ion: 41 Resp: 104271

Ion Ratio Lower Upper

41 100

39 68.5 55.7 83.5

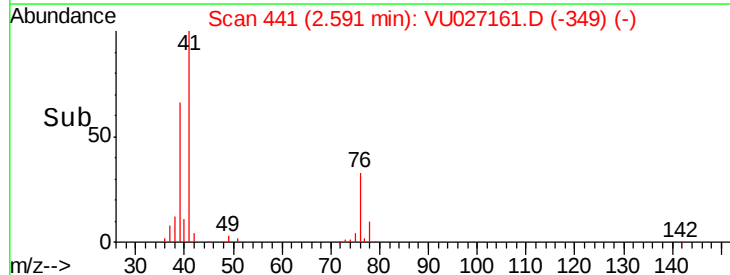
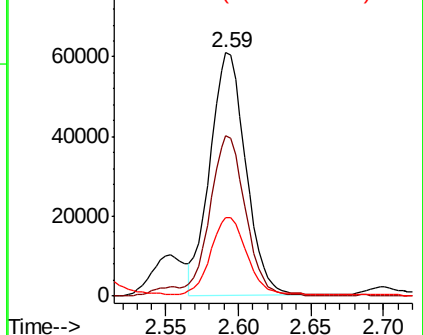
76 32.2 26.5 39.7

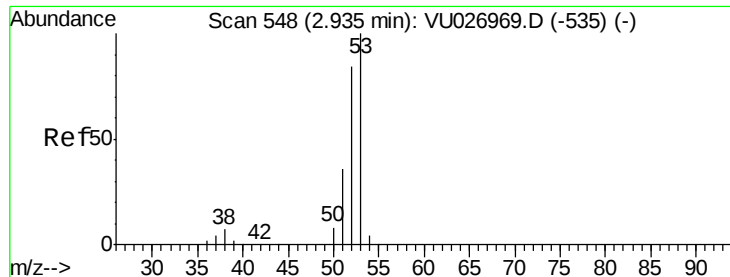


Abundance Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

Ion 75.90 (75.60 to 76.60): VU0





#15

Acrylonitrile

Concen: 279.594 ug/l

RT: 2.94 min Scan# 548

Delta R.T. 0.00 min

Lab File: VU027161.D

Acq: 26 Sep 2018 05:12

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

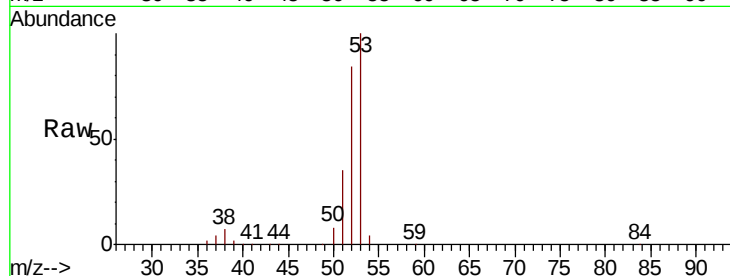
Tot Ion: 53 Resp: 238608

Ion Ratio Lower Upper

53 100

52 82.7 65.7 98.5

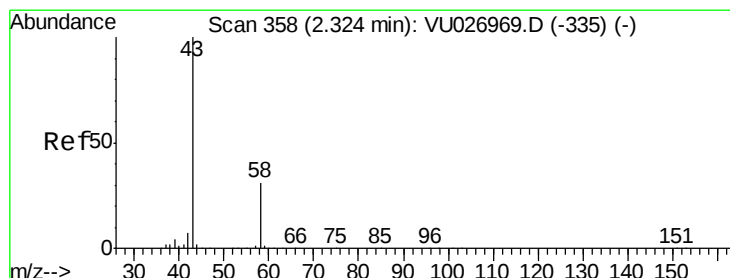
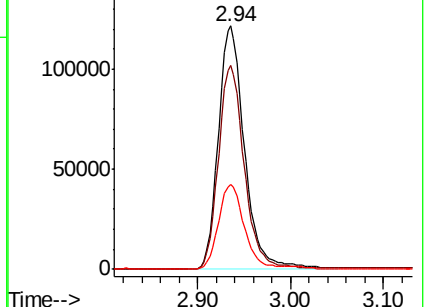
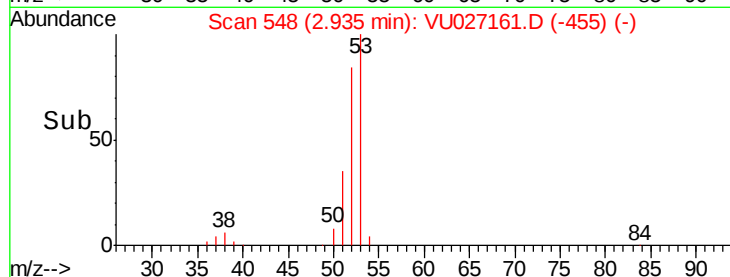
51 35.6 27.4 41.2



Abundance Ion 53.00 (52.70 to 53.70): VU027161.D (-535) (-)

Ion 52.00 (51.70 to 52.70): VU027161.D (-535) (-)

Ion 51.00 (50.70 to 51.70): VU027161.D (-535) (-)



#16

Acetone

Concen: 282.182 ug/l

RT: 2.32 min Scan# 357

Delta R.T. -0.00 min

Lab File: VU027161.D

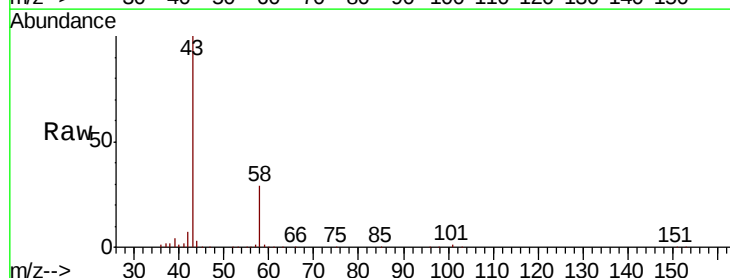
Acq: 26 Sep 2018 05:12

Tgt Ion: 43 Resp: 219757

Ion Ratio Lower Upper

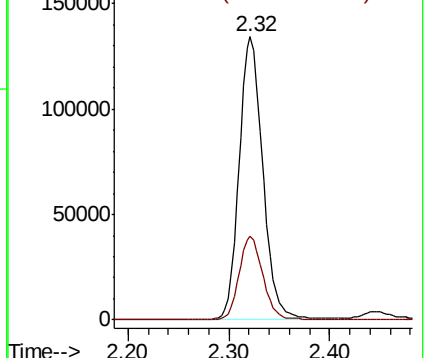
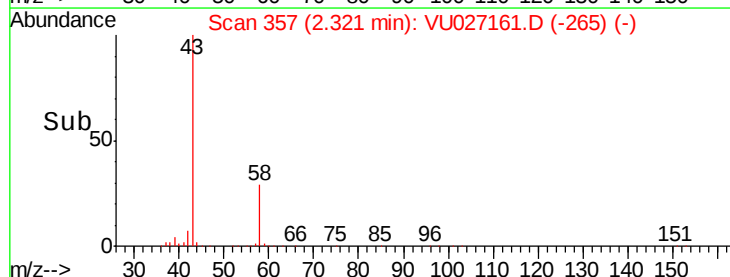
43 100

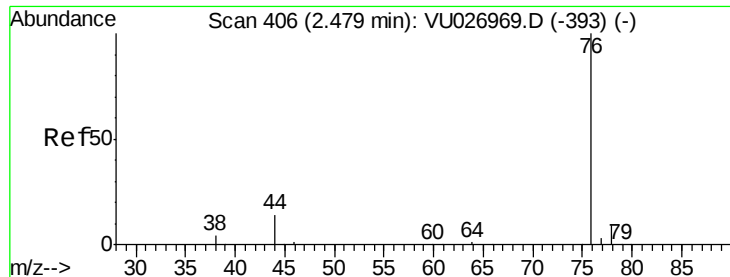
58 29.4 24.6 36.8



Abundance Ion 43.00 (42.70 to 43.70): VU027161.D (-265) (-)

Ion 58.00 (57.70 to 58.70): VU027161.D (-265) (-)





#17

Carbon Disulfide

Concen: 45.745 ug/l

RT: 2.48 min Scan# 405

Delta R.T. -0.00 min

Lab File: VU027161.D

Acq: 26 Sep 2018 05:12

Instrument :

MSVOA_U

ClientSampleId :

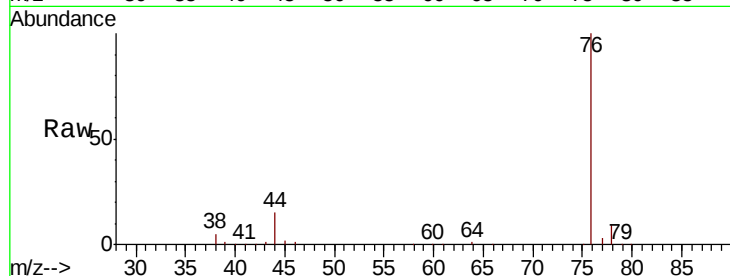
VSTDCCC050EC

Tot Ion: 76 Resp: 151071

Ion Ratio Lower Upper

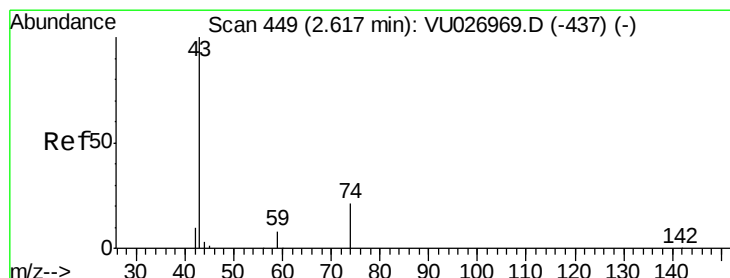
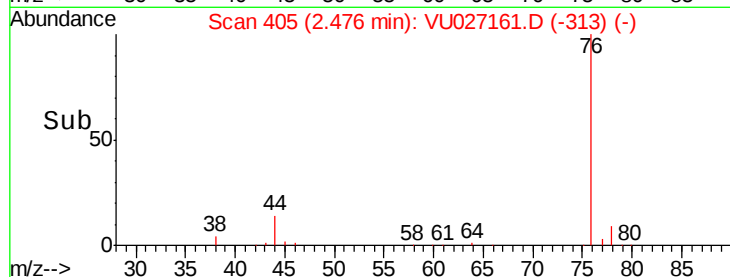
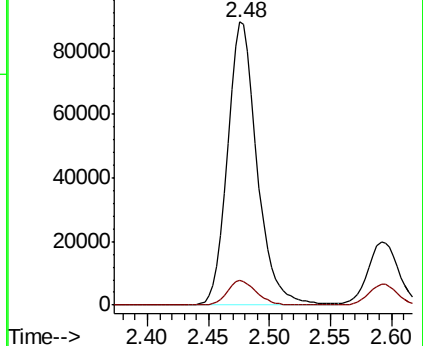
76 100

78 8.8 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VU027161.D (-313) (-)

Ion 77.90 (77.60 to 78.60): VU027161.D (-313) (-)



#18

Methyl Acetate

Concen: 46.405 ug/l

RT: 2.61 min Scan# 448

Delta R.T. -0.00 min

Lab File: VU027161.D

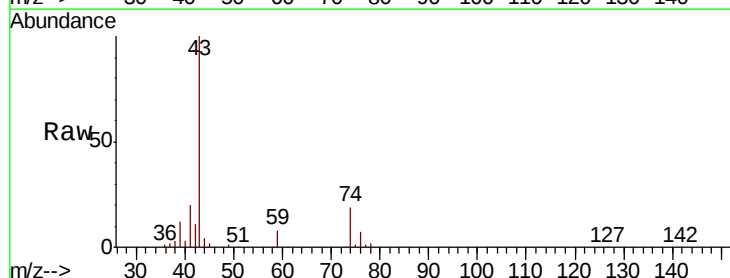
Acq: 26 Sep 2018 05:12

Tgt Ion: 43 Resp: 97573

Ion Ratio Lower Upper

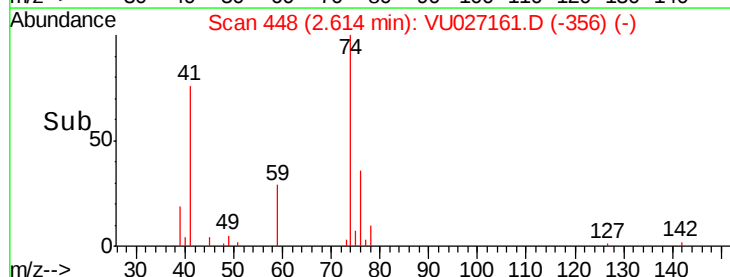
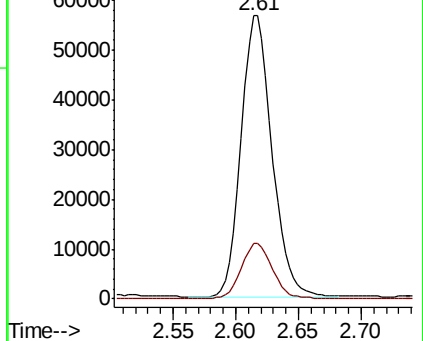
43 100

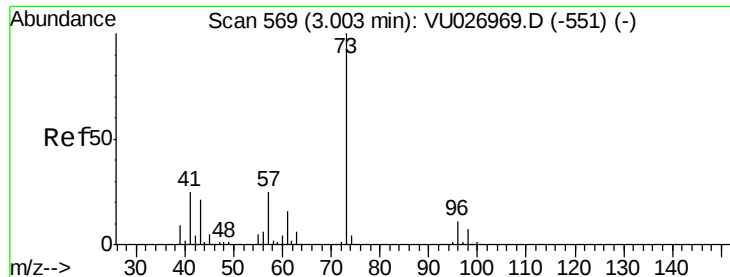
74 20.0 16.6 25.0



Abundance Ion 43.00 (42.70 to 43.70): VU027161.D (-356) (-)

Ion 74.00 (73.70 to 74.70): VU027161.D (-356) (-)

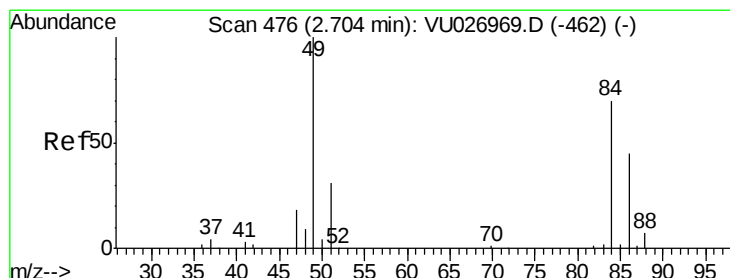
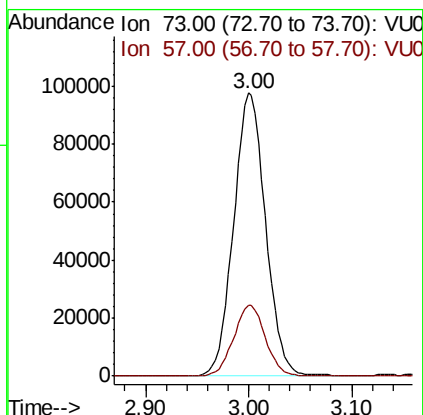
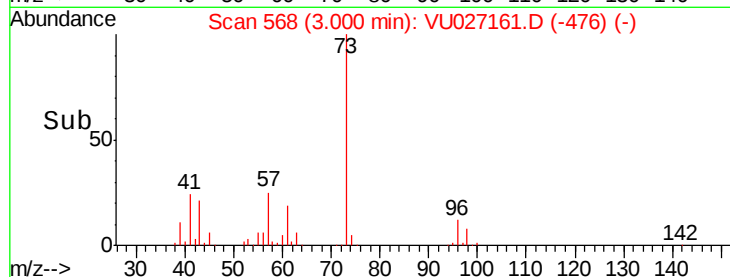
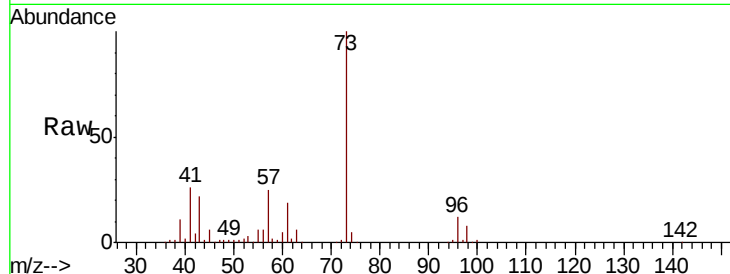




#19
Methvl tert-butvl Ether
Concen: 56.478 ug/l
RT: 3.00 min Scan# 568
Delta R.T. -0.00 min
Lab File: VU027161.D
Acq: 26 Sep 2018 05:12

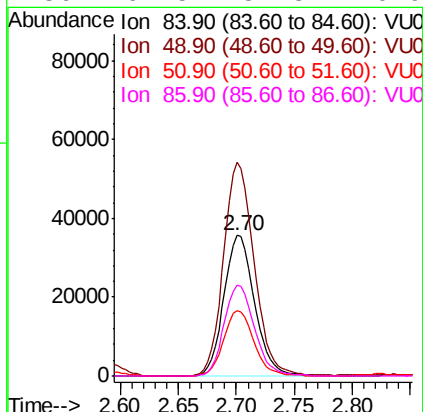
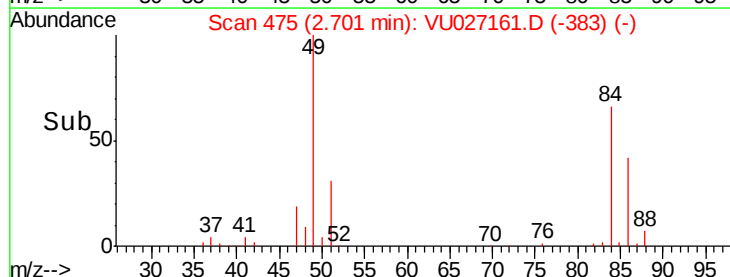
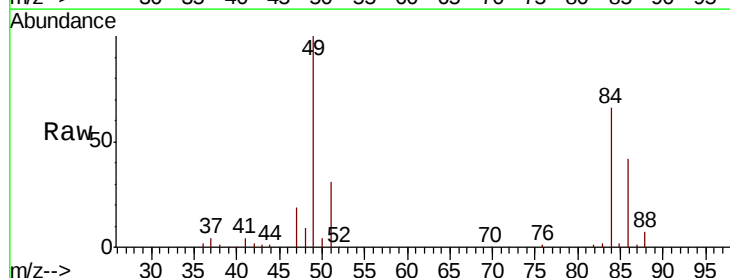
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

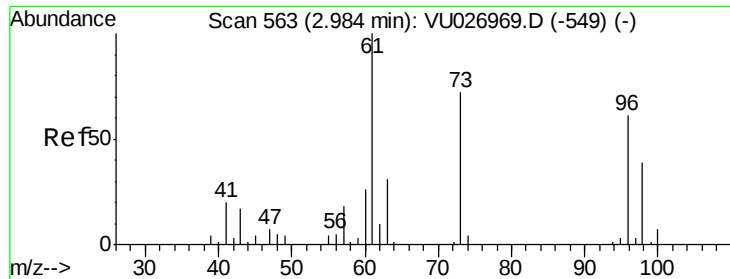
Tot Ion: 73 Resp: 210396
Ion Ratio Lower Upper
73 100
57 25.1 19.8 29.6



#20
Methylene Chloride
Concen: 49.578 ug/l
RT: 2.70 min Scan# 475
Delta R.T. -0.00 min
Lab File: VU027161.D
Acq: 26 Sep 2018 05:12

Tgt Ion: 84 Resp: 65593
Ion Ratio Lower Upper
84 100
49 151.8 114.9 172.3
51 46.7 35.8 53.8
86 64.5 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 50.556 ug/l

RT: 2.98 min Scan# 563

Delta R.T. 0.00 min

Lab File: VU027161.D

Acq: 26 Sep 2018 05:12

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

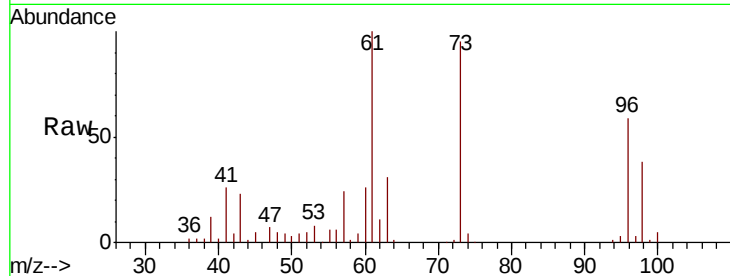
Tot Ion: 96 Resp: 54719

Ion Ratio Lower Upper

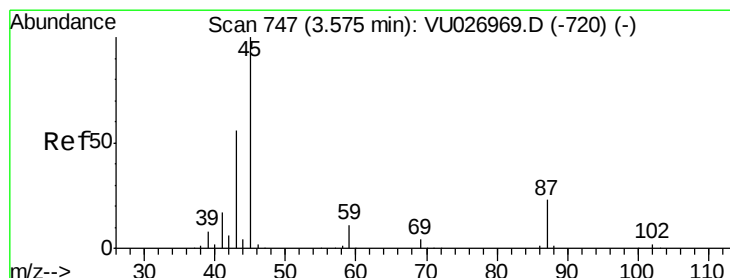
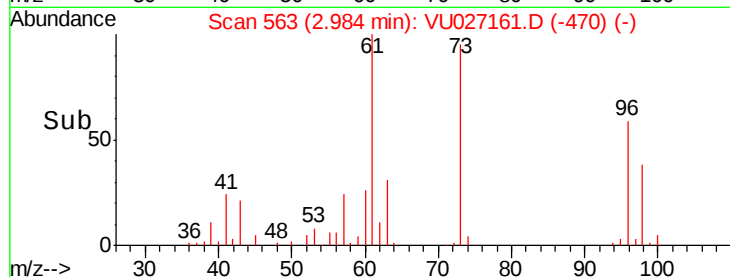
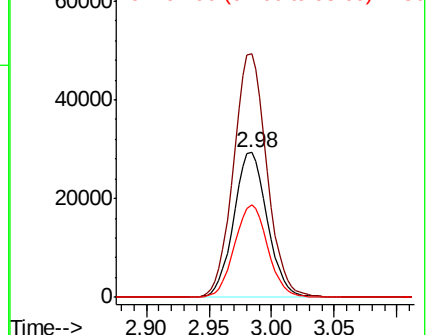
96 100

61 168.3 131.8 197.6

98 63.7 50.9 76.3



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: 59.140 ug/l

RT: 3.57 min Scan# 746

Delta R.T. -0.00 min

Lab File: VU027161.D

Acq: 26 Sep 2018 05:12

Tgt Ion: 45 Resp: 260088

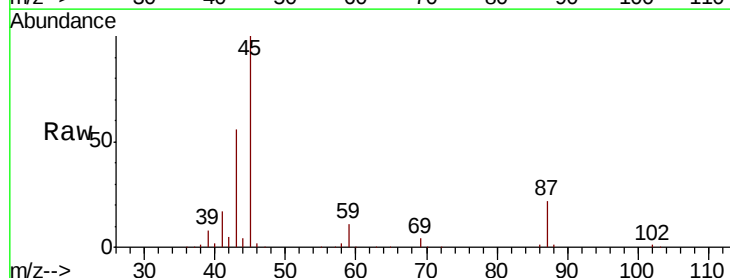
Ion Ratio Lower Upper

45 100

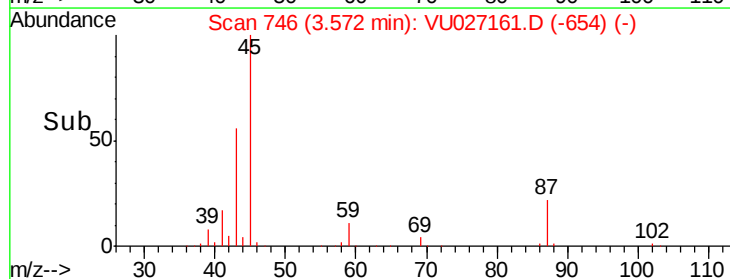
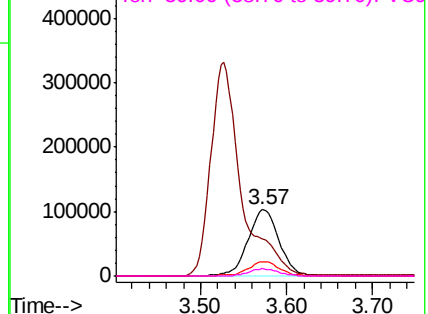
43 54.5 45.8 68.6

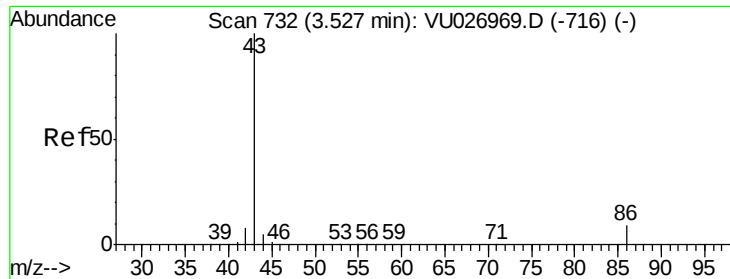
87 21.6 18.6 28.0

59 10.7 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: 219.255 ug/l

RT: 3.53 min Scan# 732

Delta R.T. 0.00 min

Lab File: VU027161.D

Acq: 26 Sep 2018 05:12

Instrument :

MSVOA_U

ClientSampleId :

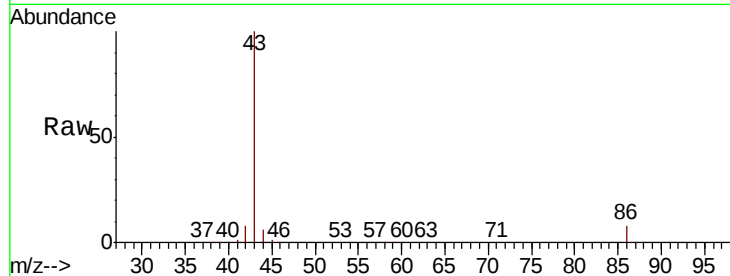
VSTDCCC050EC

Tot Ion: 43 Resp: 821953

Ion Ratio Lower Upper

43 100

86 8.5 7.2 10.8



Abundance Ion 43.00 (42.70 to 43.70): VU027161.D (-639) (-)

Ion 86.00 (85.70 to 86.70): VU027161.D (-639) (-)

3.53

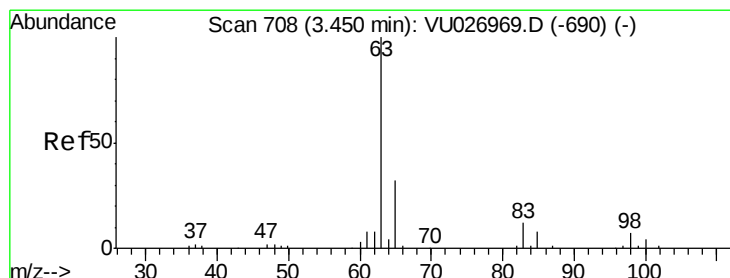
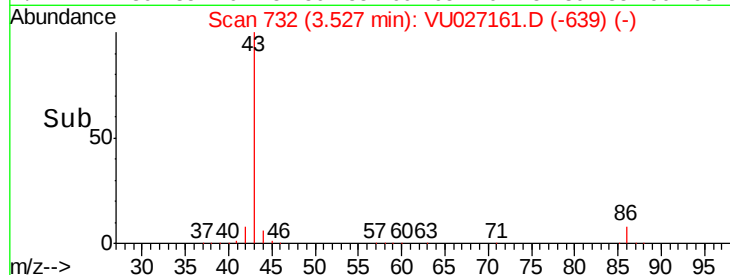
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 54.758 ug/l

RT: 3.45 min Scan# 707

Delta R.T. -0.00 min

Lab File: VU027161.D

Acq: 26 Sep 2018 05:12

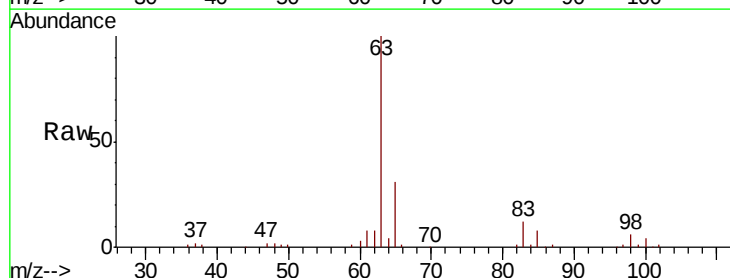
Tgt Ion: 63 Resp: 132633

Ion Ratio Lower Upper

63 100

98 5.8 3.3 9.8

100 4.0 2.0 5.8



Abundance Ion 62.90 (62.60 to 63.60): VU027161.D (-615) (-)

Ion 97.90 (97.60 to 98.60): VU027161.D (-615) (-)

Ion 99.90 (99.60 to 100.60): VU027161.D (-615) (-)

3.45

80000

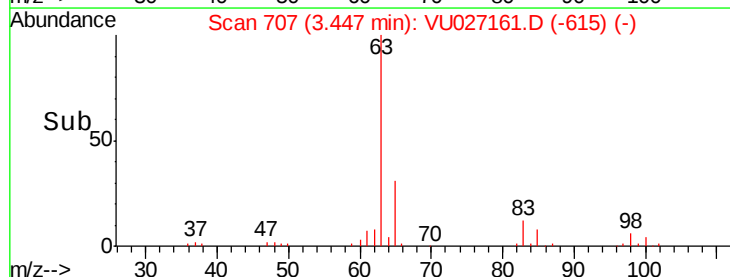
60000

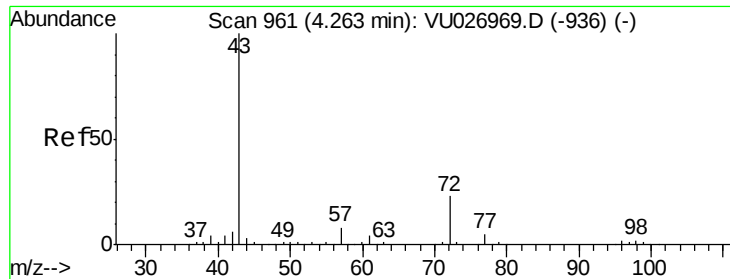
40000

20000

0

Time-->





#25

2-Butanone

Concen: 271.653 ug/l

RT: 4.26 min Scan# 961

Delta R.T. 0.00 min

Lab File: VU027161.D

Acq: 26 Sep 2018 05:12

Instrument :

MSVOA_U

ClientSampleId :

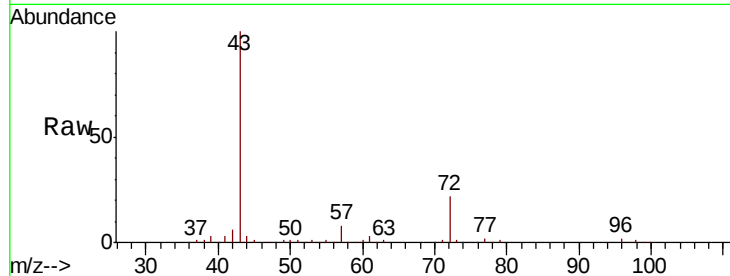
VSTDCCC050EC

Tot Ion: 43 Resp: 337253

Ion Ratio Lower Upper

43 100

72 21.6 18.4 27.6



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 72.00 (71.70 to 72.70): VU0

150000

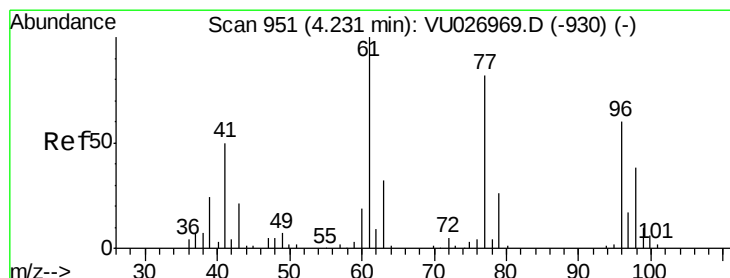
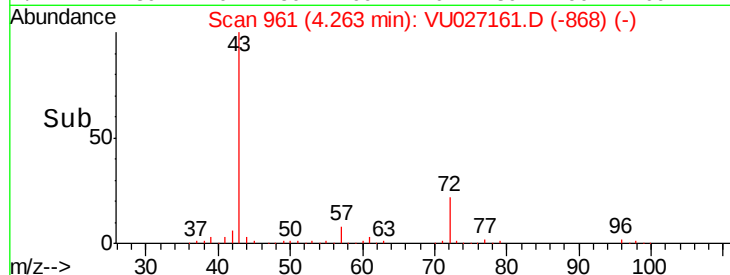
100000

50000

0

4.15 4.20 4.25 4.30 4.35

Time-->



#26

2,2-Dichloropropane

Concen: 24.069 ug/l

RT: 4.23 min Scan# 950

Delta R.T. -0.00 min

Lab File: VU027161.D

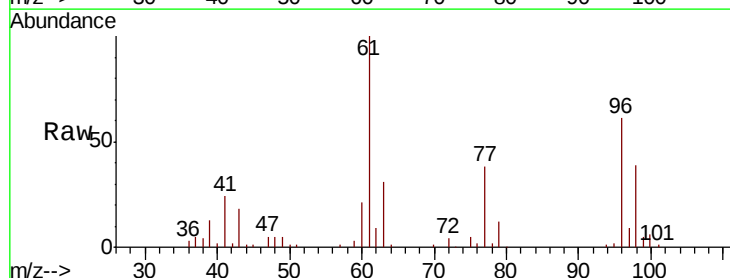
Acq: 26 Sep 2018 05:12

Tgt Ion: 77 Resp: 45467

Ion Ratio Lower Upper

77 100

97 24.1 10.5 31.5



Abundance Ion 76.90 (76.60 to 77.60): VU0

Ion 96.90 (96.60 to 97.60): VU0

15000

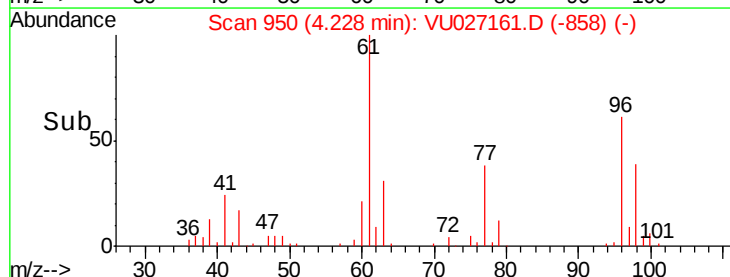
10000

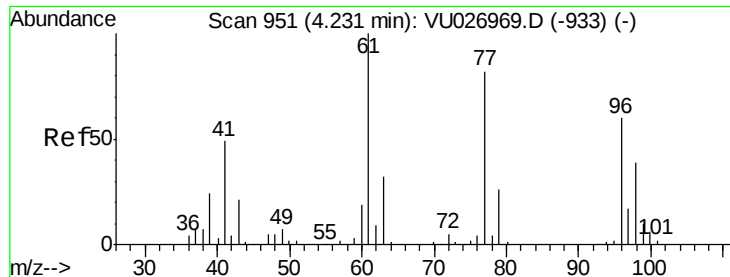
5000

0

4.10 4.20 4.30

Time-->



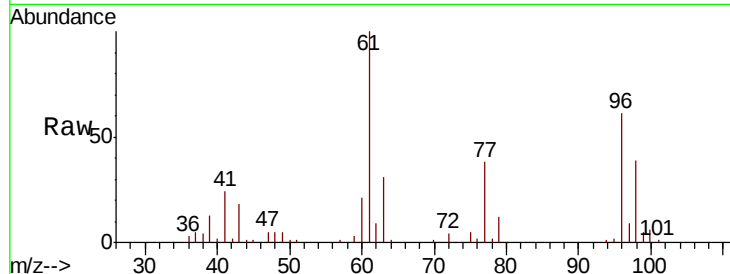


#27

cis-1,2-Dichloroethene
 Concen: 52.431 ug/l
 RT: 4.23 min Scan# 950
 Delta R.T. -0.00 min
 Lab File: VU027161.D
 Acq: 26 Sep 2018 05:12

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	96	Resp	64088
Ion	Ratio	Lower	Upper
96	100		
61	163.7	0.0	337.2
98	63.9	0.0	127.6

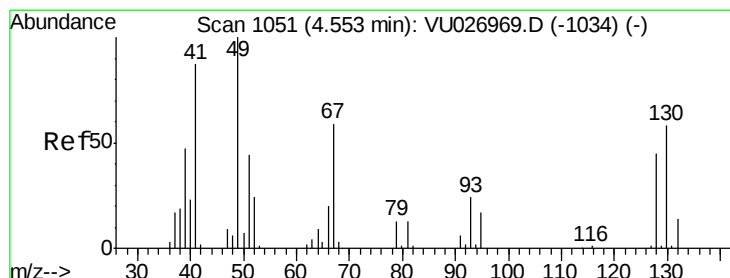
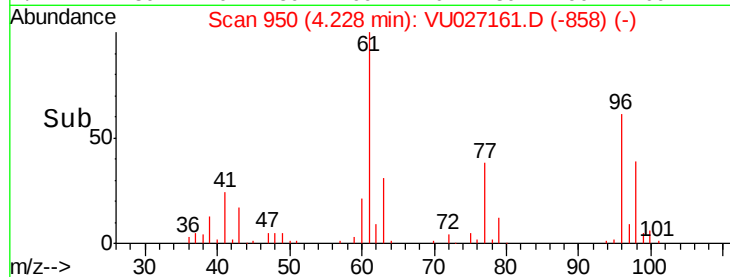
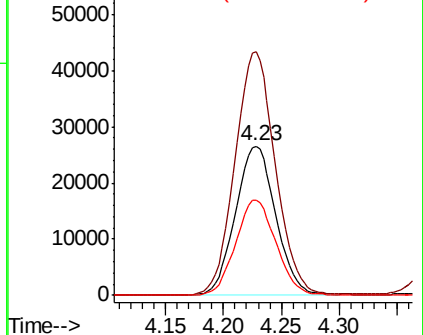


Abundance

Ion 95.90 (95.60 to 96.60): VU0

Ion 60.90 (60.60 to 61.60): VU0

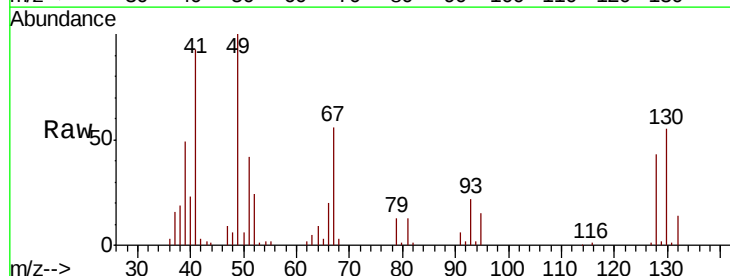
Ion 97.90 (97.60 to 98.60): VU0



#28

Bromochloromethane
 Concen: 61.139 ug/l
 RT: 4.55 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VU027161.D
 Acq: 26 Sep 2018 05:12

Tgt Ion	49	Resp	71386
Ion	Ratio	Lower	Upper
49	100		
129	1.5	0.0	3.0
130	53.5	47.8	71.8

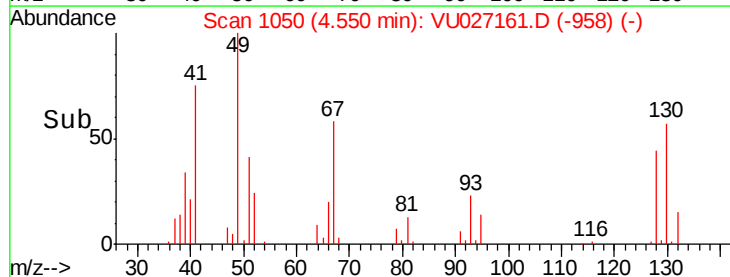
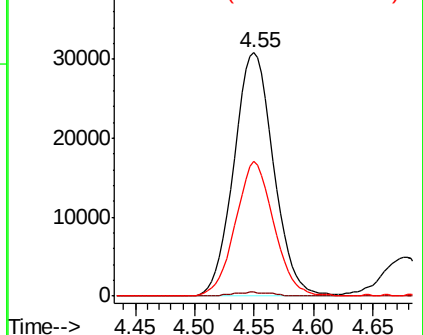


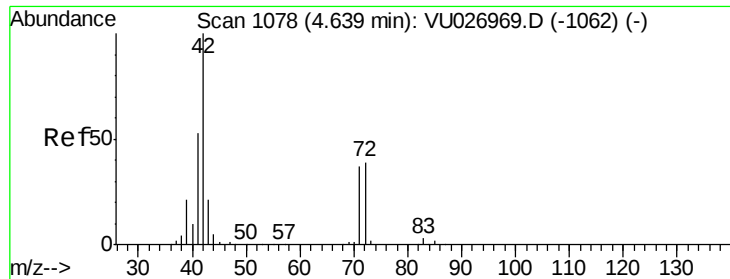
Abundance

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: 294.718 ug/l

RT: 4.64 min Scan# 1078

Delta R.T. 0.00 min

Lab File: VU027161.D

Acq: 26 Sep 2018 05:12

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

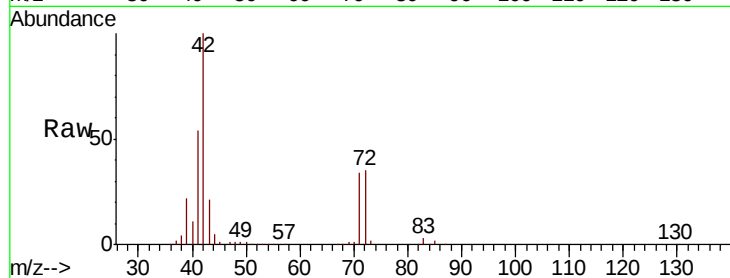
Tot Ion: 42 Resp: 221338

Ion Ratio Lower Upper

42 100

72 36.9 31.7 47.5

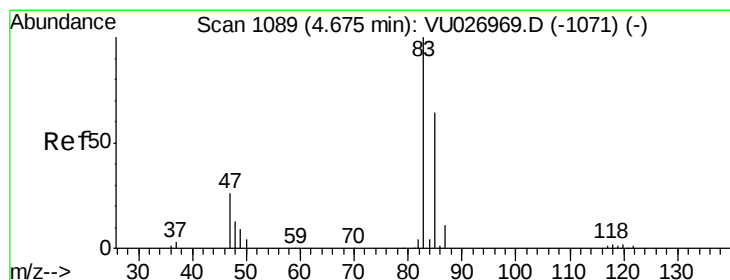
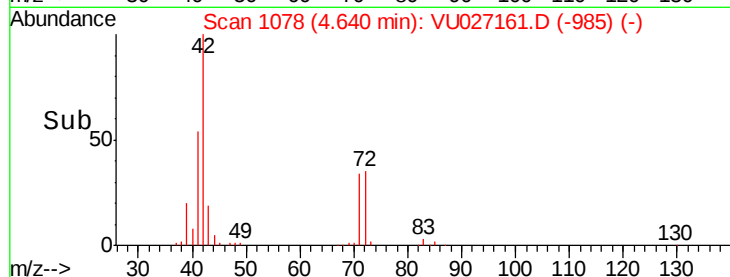
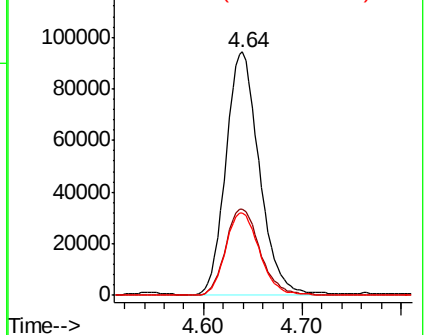
71 34.6 29.6 44.4



Abundance Ion 42.00 (41.70 to 42.70): VU0

Ion 72.00 (71.70 to 72.70): VU0

Ion 71.00 (70.70 to 71.70): VU0



#30

Chloroform

Concen: 52.952 ug/l

RT: 4.67 min Scan# 1089

Delta R.T. 0.00 min

Lab File: VU027161.D

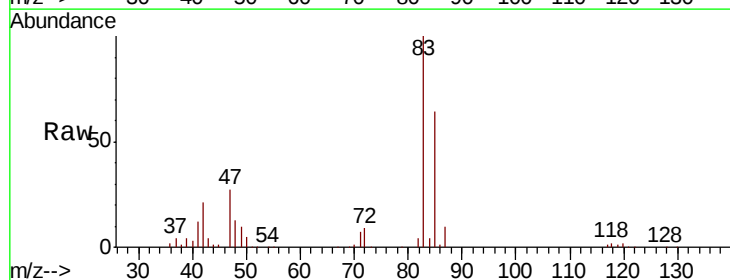
Acq: 26 Sep 2018 05:12

Tgt Ion: 83 Resp: 119056

Ion Ratio Lower Upper

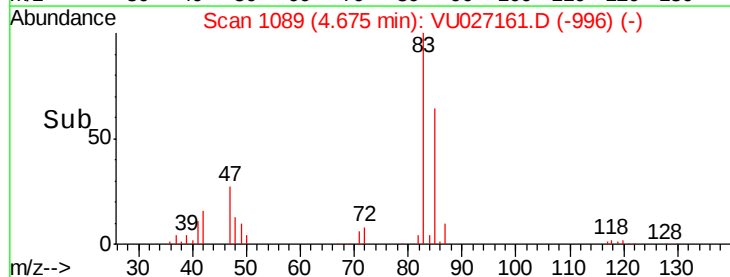
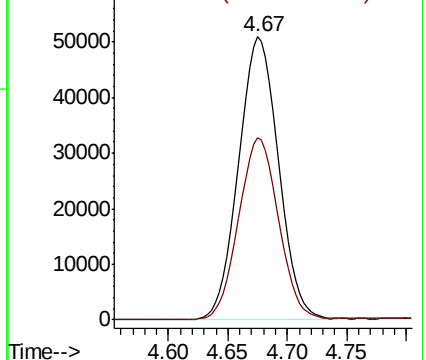
83 100

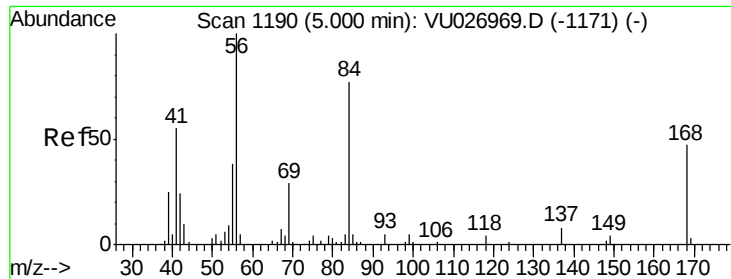
85 64.3 51.5 77.3



Abundance Ion 82.90 (82.60 to 83.60): VU0

Ion 84.90 (84.60 to 85.60): VU0

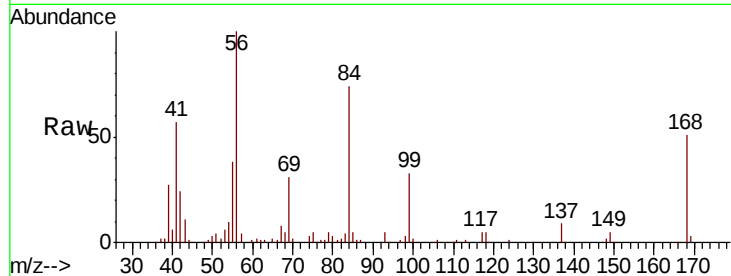




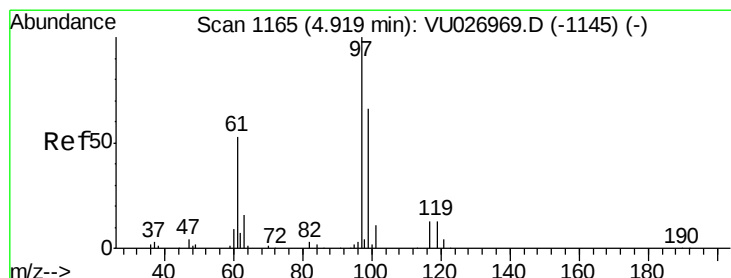
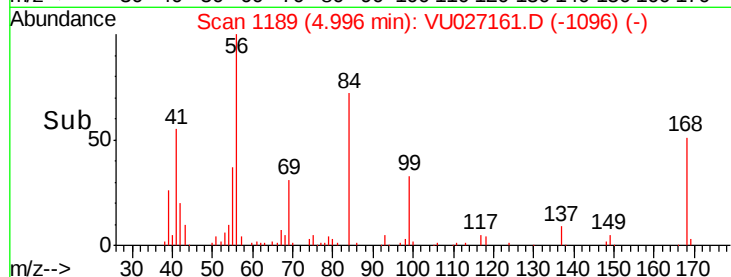
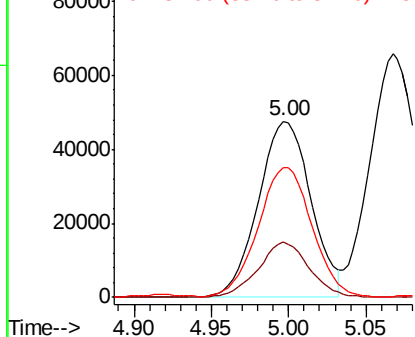
#31
Cyclohexane
Concen: 51.354 ug/l
RT: 5.00 min Scan# 1189
Delta R.T. -0.00 min
Lab File: VU027161.D
Acq: 26 Sep 2018 05:12

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion: 56 Resp: 113037
Ion Ratio Lower Upper
56 100
69 31.1 23.0 34.4
84 72.8 61.4 92.2

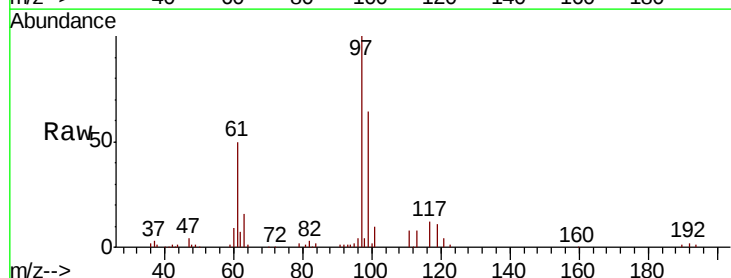


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

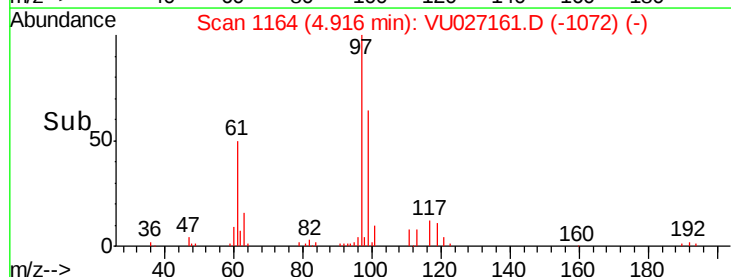
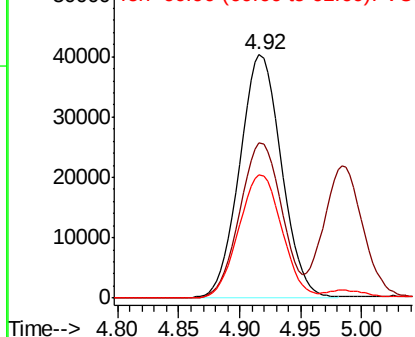


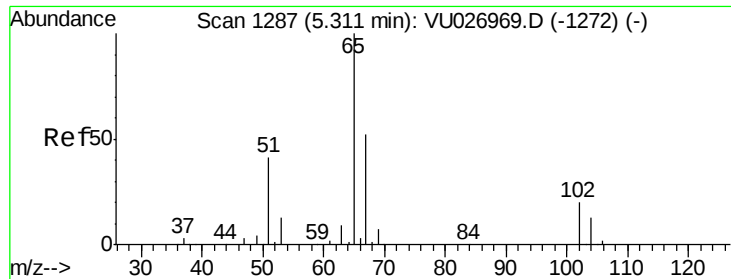
#32
1,1,1-Trichloroethane
Concen: 53.452 ug/l
RT: 4.92 min Scan# 1164
Delta R.T. -0.00 min
Lab File: VU027161.D
Acq: 26 Sep 2018 05:12

Tgt Ion: 97 Resp: 95953
Ion Ratio Lower Upper
97 100
99 64.0 51.8 77.6
61 52.2 41.1 61.7



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

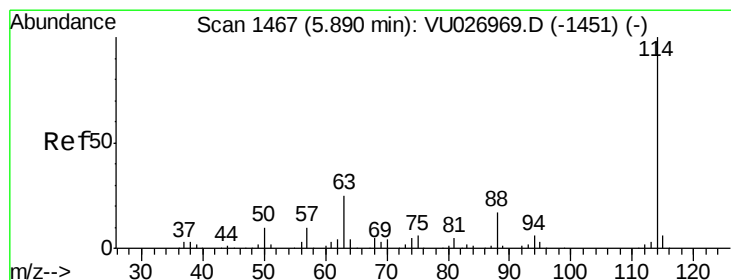
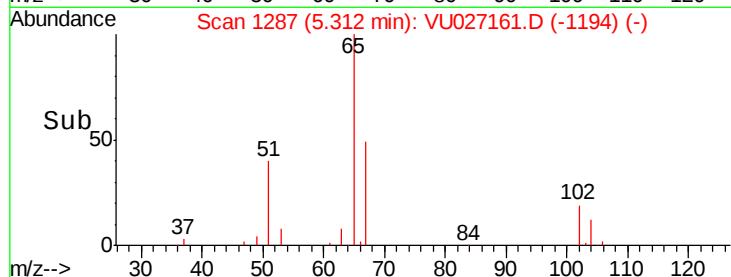
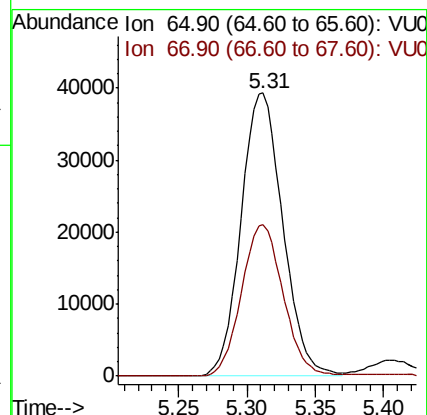
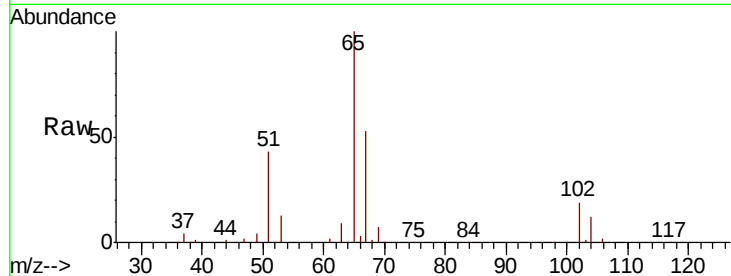




#33
 1,2-Dichloroethane-d4
 Concen: 56.583 ug/l
 RT: 5.31 min Scan# 1287
 Delta R.T. 0.00 min
 Lab File: VU027161.D
 Acq: 26 Sep 2018 05:12

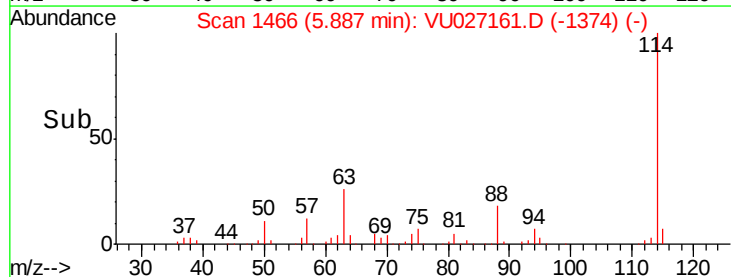
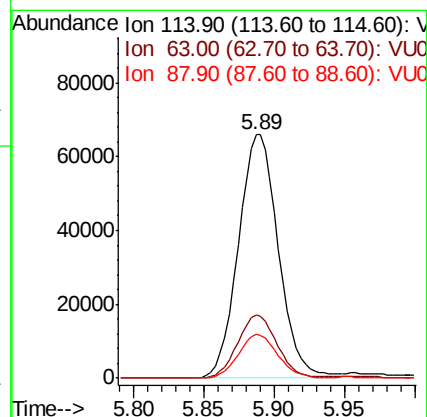
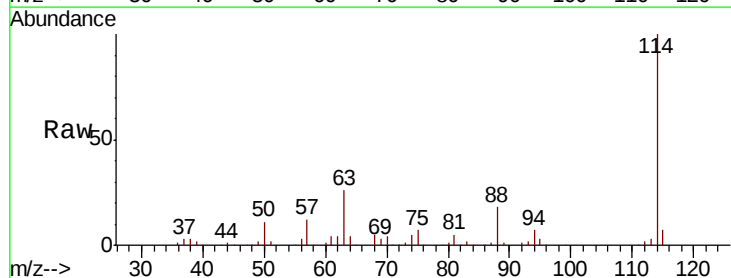
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 65 Resp: 83589
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: VU027161.D
 Acq: 26 Sep 2018 05:12

Tgt Ion: 114 Resp: 131201
 Ion Ratio Lower Upper
 114 100
 63 25.9 0.0 49.2
 88 17.9 0.0 33.8

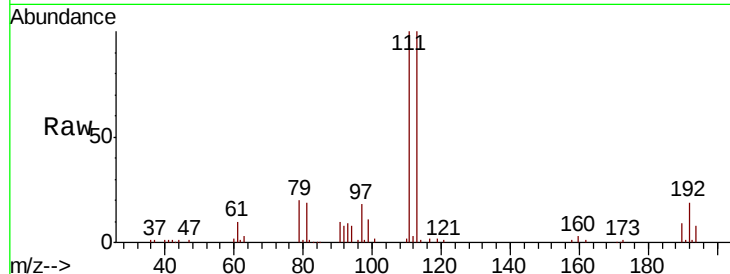




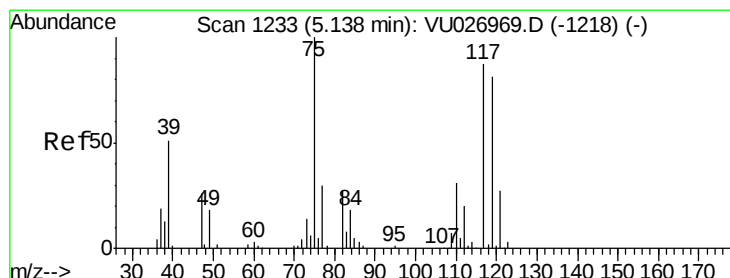
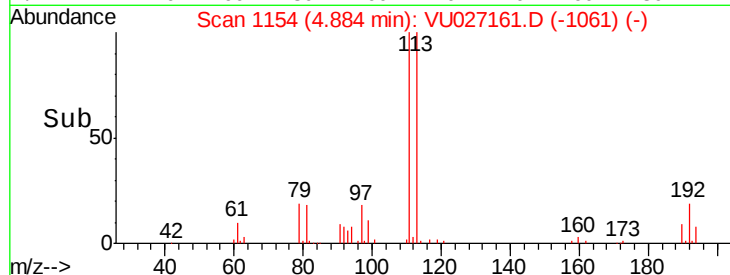
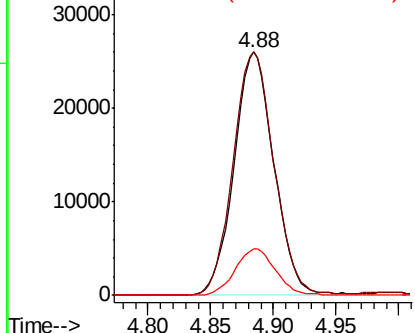
#35
 Dibromofluoromethane
 Concen: 50.560 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: VU027161.D
 Acq: 26 Sep 2018 05:12

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:113 Resp: 57499
 Ion Ratio Lower Upper
 113 100
 111 102.5 82.2 123.4
 192 19.2 15.2 22.8

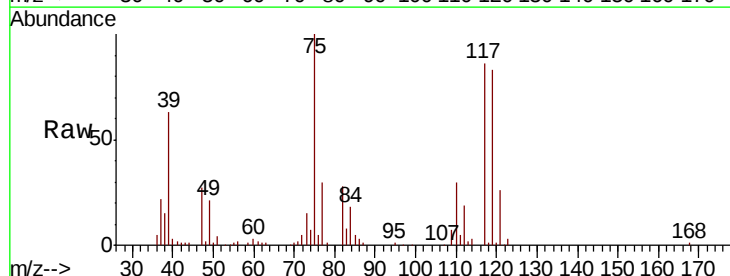


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

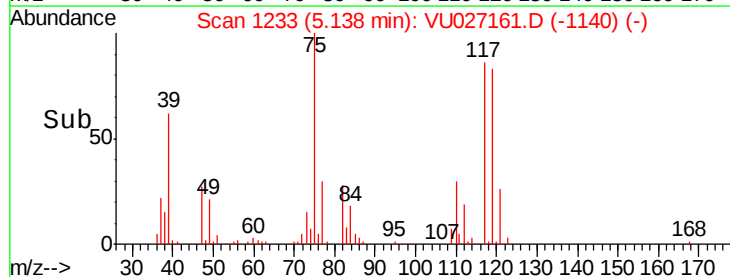
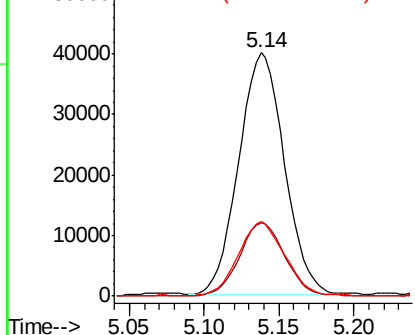


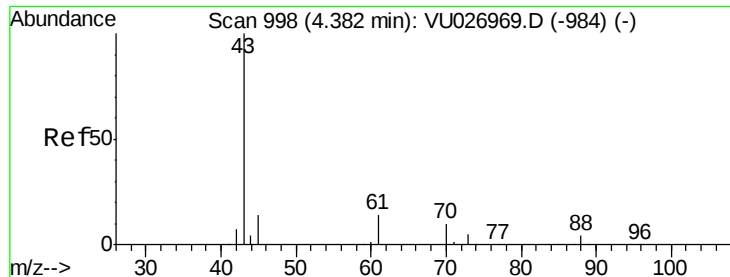
#36
 1,1-Dichloropropene
 Concen: 48.390 ug/l
 RT: 5.14 min Scan# 1233
 Delta R.T. 0.00 min
 Lab File: VU027161.D
 Acq: 26 Sep 2018 05:12

Tgt Ion: 75 Resp: 84732
 Ion Ratio Lower Upper
 75 100
 110 30.3 16.1 48.2
 77 30.7 24.6 36.8



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: 42.160 ug/l

RT: 4.38 min Scan# 998

Delta R.T. 0.00 min

Lab File: VU027161.D

Acq: 26 Sep 2018 05:12

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

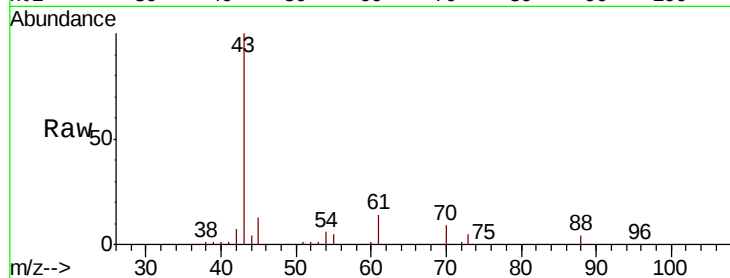
Tot Ion: 43 Resp: 99937

Ion Ratio Lower Upper

43 100

61 12.7 10.5 15.7

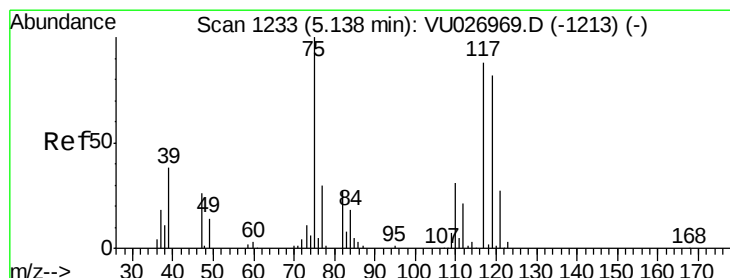
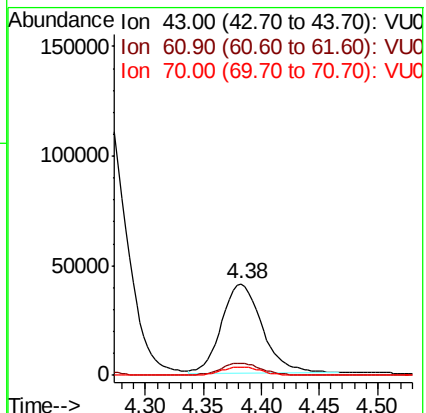
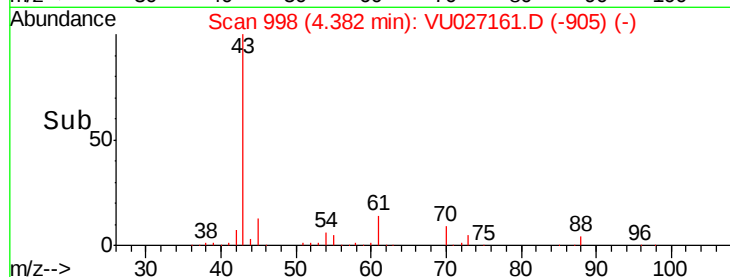
70 9.1 7.4 11.0



Abundance Ion 43.00 (42.70 to 43.70): VU027161.D (-905) (-)

Ion 60.90 (60.60 to 61.60): VU027161.D (-905) (-)

Ion 70.00 (69.70 to 70.70): VU027161.D (-905) (-)



#38

Carbon Tetrachloride

Concen: 48.117 ug/l

RT: 5.14 min Scan# 1233

Delta R.T. 0.00 min

Lab File: VU027161.D

Acq: 26 Sep 2018 05:12

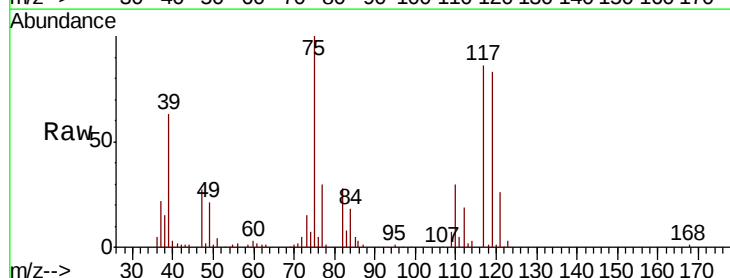
Tgt Ion: 117 Resp: 80179

Ion Ratio Lower Upper

117 100

119 96.4 74.4 111.6

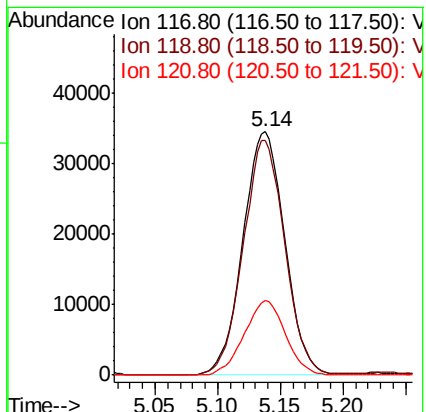
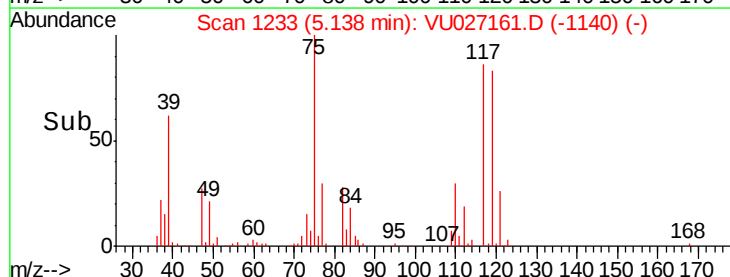
121 30.7 24.2 36.4

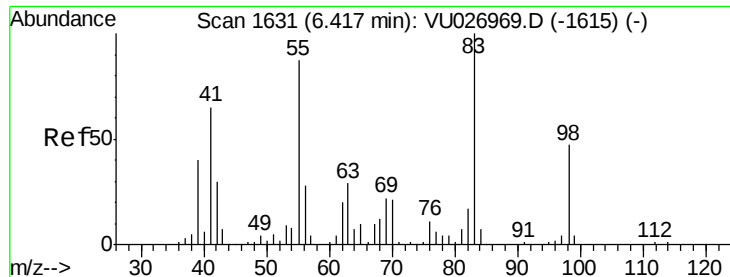


Abundance Ion 116.80 (116.50 to 117.50): VU027161.D (-1140) (-)

Ion 118.80 (118.50 to 119.50): VU027161.D (-1140) (-)

Ion 120.80 (120.50 to 121.50): VU027161.D (-1140) (-)

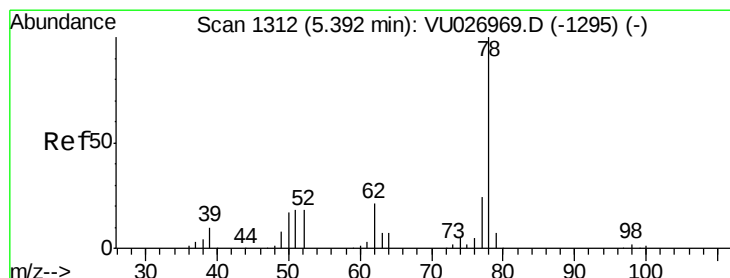
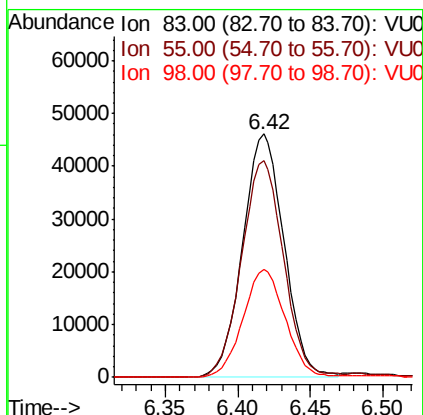
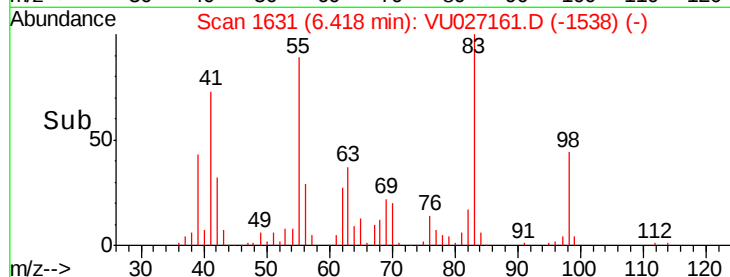
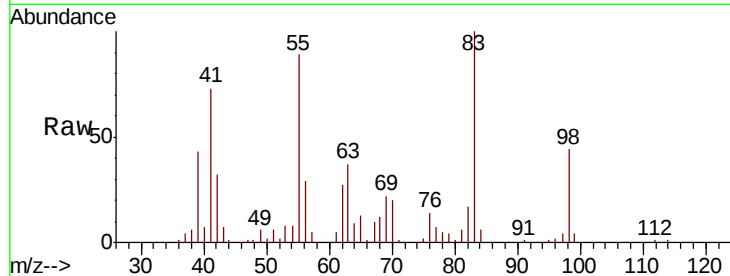




#39
Methvlcvclohexane
Concen: 48.157 ug/l
RT: 6.42 min Scan# 1631
Delta R.T. 0.00 min
Lab File: VU027161.D
Acq: 26 Sep 2018 05:12

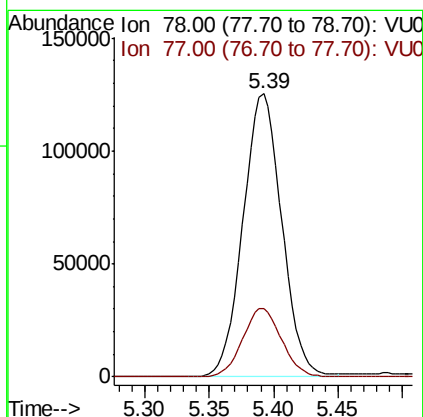
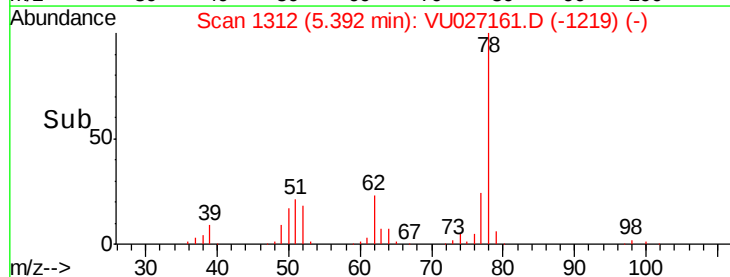
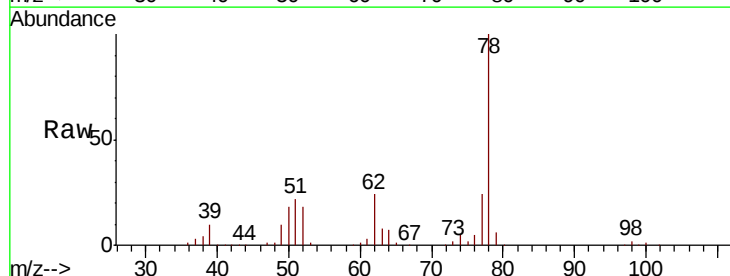
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion: 83 Resp: 91636
Ion Ratio Lower Upper
83 100
55 88.8 69.9 104.9
98 44.3 37.5 56.3



#40
Benzene
Concen: 49.446 ug/l
RT: 5.39 min Scan# 1312
Delta R.T. 0.00 min
Lab File: VU027161.D
Acq: 26 Sep 2018 05:12

Tgt Ion: 78 Resp: 263203
Ion Ratio Lower Upper
78 100
77 24.3 19.4 29.0

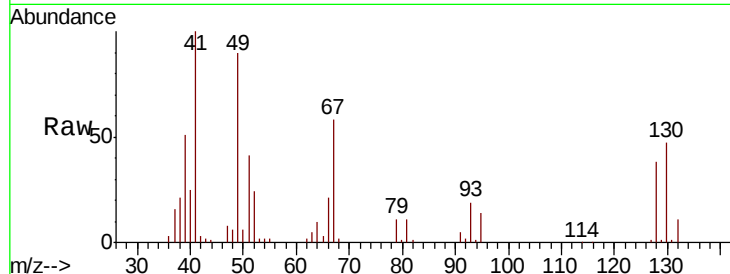




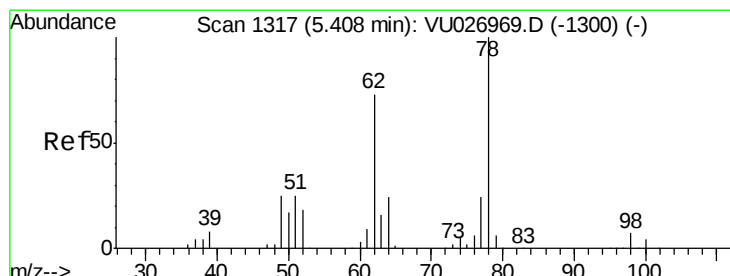
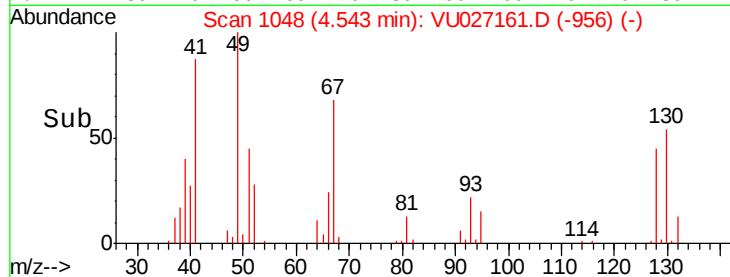
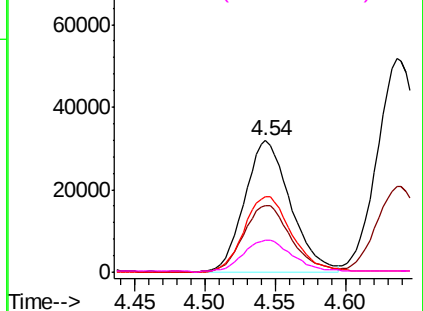
#41
Methacrylonitrile
Concen: 58.580 ug/l
RT: 4.54 min Scan# 1048
Delta R.T. -0.00 min
Lab File: VU027161.D
Acq: 26 Sep 2018 05:12

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion:	41	Resp:	72116
Ion	Ratio	Lower	Upper
41	100		
39	51.9	42.9	64.3
67	60.3	52.4	78.6
52	25.8	21.3	31.9

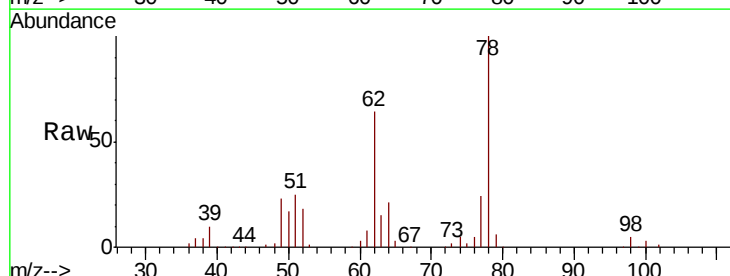


Abundance Ion 41.00 (40.70 to 41.70): VU0
Ion 39.00 (38.70 to 39.70): VU0
Ion 67.00 (66.70 to 67.70): VU0
Ion 52.00 (51.70 to 52.70): VU0

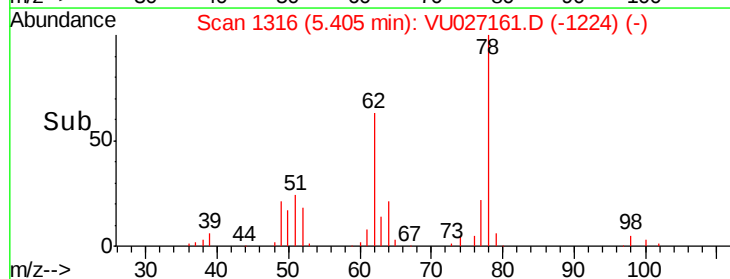
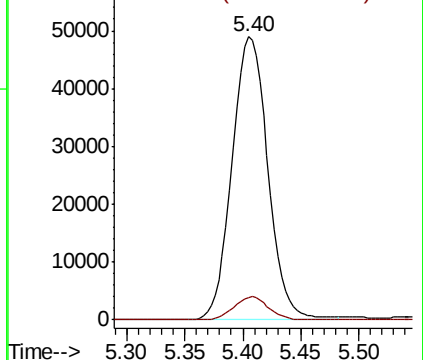


#42
1,2-Dichloroethane
Concen: 52.283 ug/l
RT: 5.40 min Scan# 1316
Delta R.T. -0.00 min
Lab File: VU027161.D
Acq: 26 Sep 2018 05:12

Tgt Ion:	62	Resp:	105148
Ion	Ratio	Lower	Upper
62	100		
98	7.8	0.0	17.0



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





#43

Isopropyl Acetate

Concen: 47.846 ug/l

RT: 5.55 min Scan# 1361

Delta R.T. -0.00 min

Lab File: VU027161.D

Acq: 26 Sep 2018 05:12

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

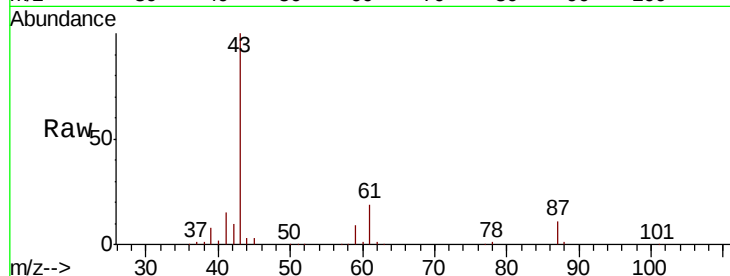
Tot Ion: 43 Resp: 165404

Ion Ratio Lower Upper

43 100

61 18.6 15.7 23.5

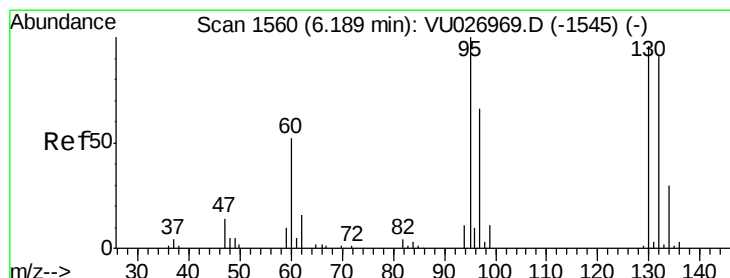
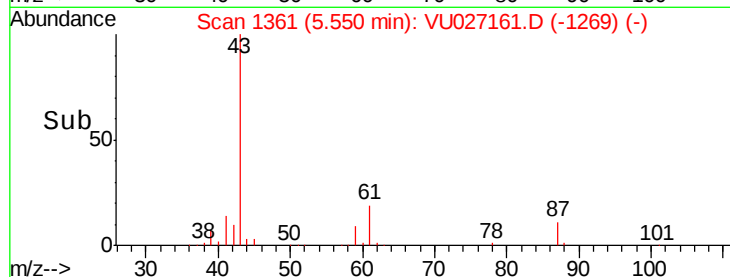
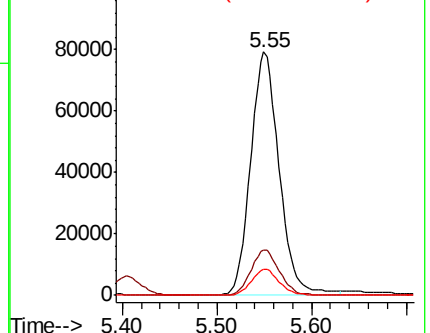
87 10.5 9.0 13.4



Abundance Ion 43.00 (42.70 to 43.70): VU026969.D (-1342) (-)

Ion 61.00 (60.70 to 61.70): VU026969.D (-1342) (-)

Ion 87.00 (86.70 to 87.70): VU026969.D (-1342) (-)



#44

Trichloroethene

Concen: 47.513 ug/l

RT: 6.19 min Scan# 1560

Delta R.T. 0.00 min

Lab File: VU027161.D

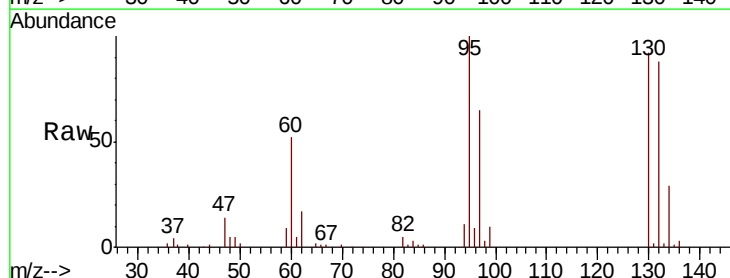
Acq: 26 Sep 2018 05:12

Tgt Ion:130 Resp: 53843

Ion Ratio Lower Upper

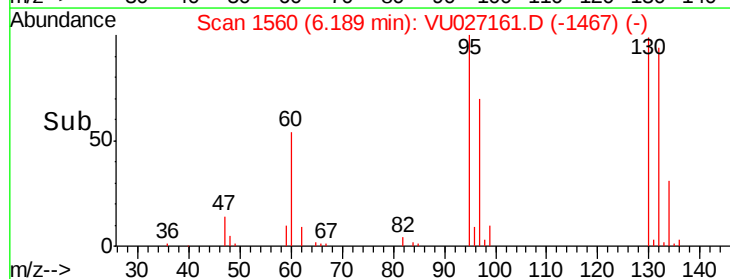
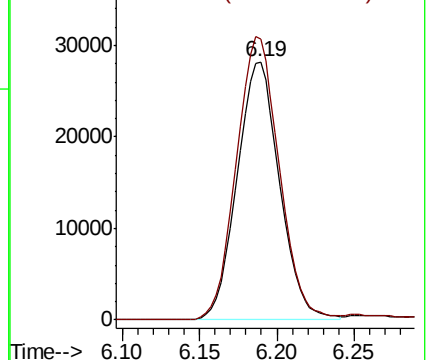
130 100

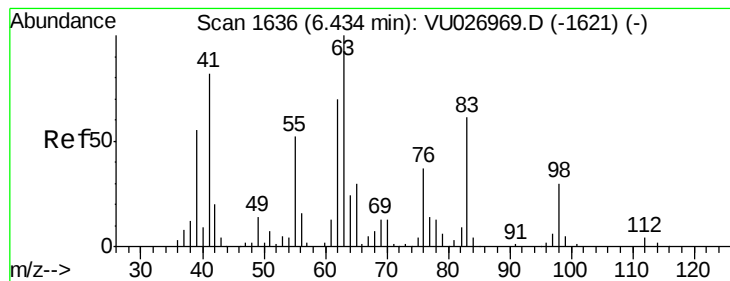
95 108.8 0.0 208.8



Abundance Ion 129.80 (129.50 to 130.50): VU026969.D (-1545) (-)

Ion 94.90 (94.60 to 95.60): VU026969.D (-1545) (-)





#45

1,2-Dichloropropane

Concen: 52.469 ug/l

RT: 6.43 min Scan# 1636

Delta R.T. 0.00 min

Lab File: VU027161.D

Acq: 26 Sep 2018 05:12

Instrument :

MSVOA_U

ClientSampleId :

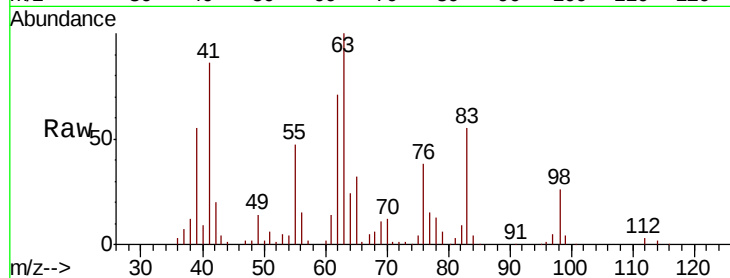
VSTDCCC050EC

Tot Ion: 63 Resp: 79582

Ion Ratio Lower Upper

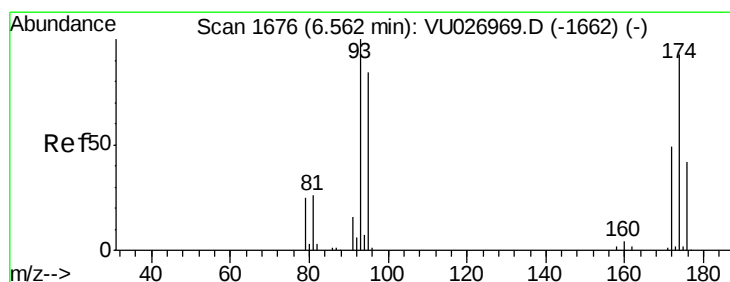
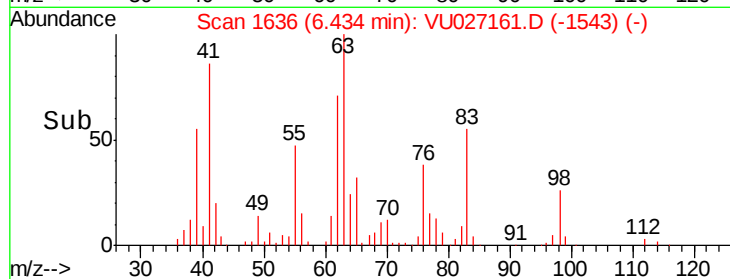
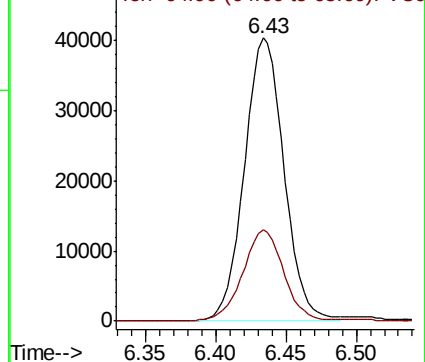
63 100

65 32.1 24.3 36.5



Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 64.90 (64.60 to 65.60): VU0



#46

Dibromomethane

Concen: 50.214 ug/l

RT: 6.56 min Scan# 1676

Delta R.T. 0.00 min

Lab File: VU027161.D

Acq: 26 Sep 2018 05:12

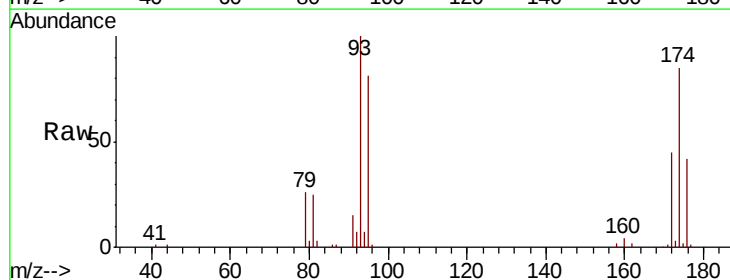
Tgt Ion: 93 Resp: 45997

Ion Ratio Lower Upper

93 100

95 81.8 66.2 99.4

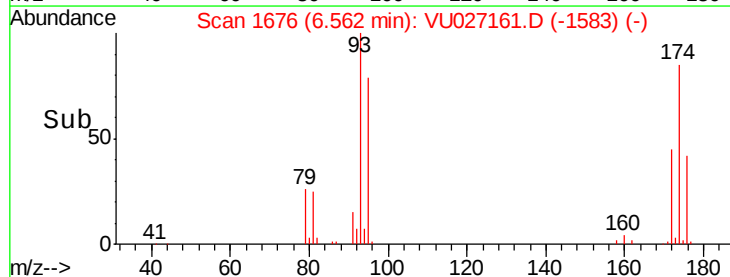
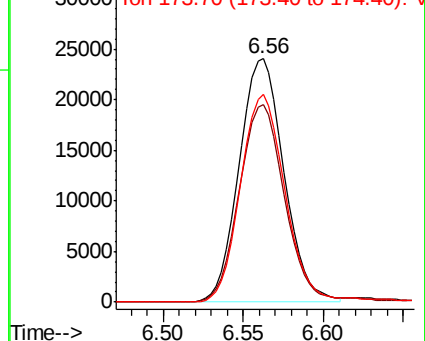
174 86.0 71.7 107.5

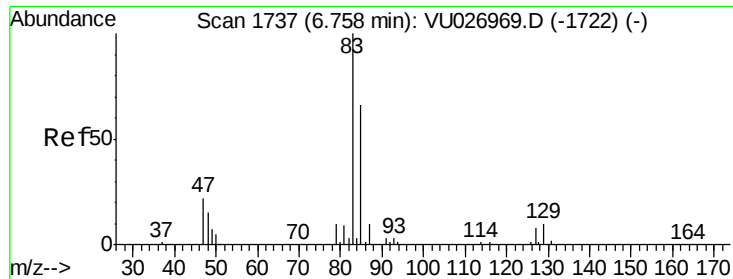


Abundance Ion 92.80 (92.50 to 93.50): VU0

Ion 94.80 (94.50 to 95.50): VU0

Ion 173.70 (173.40 to 174.40): V

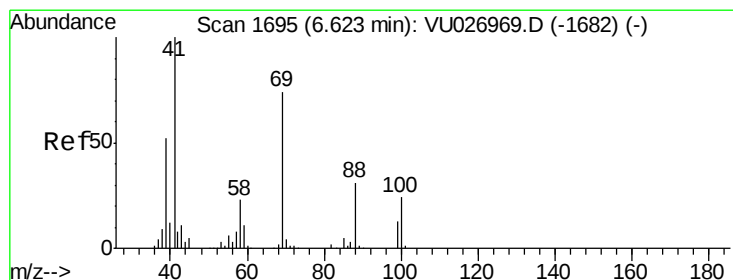
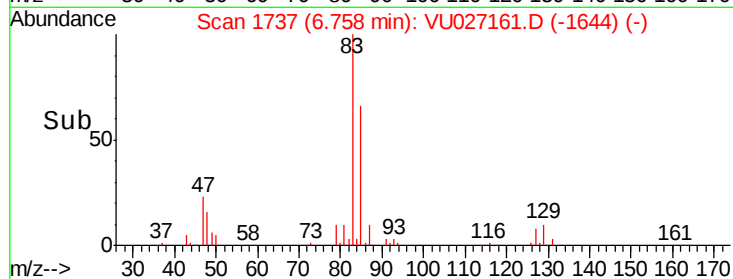
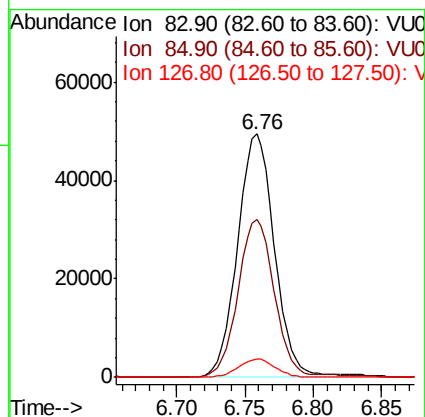
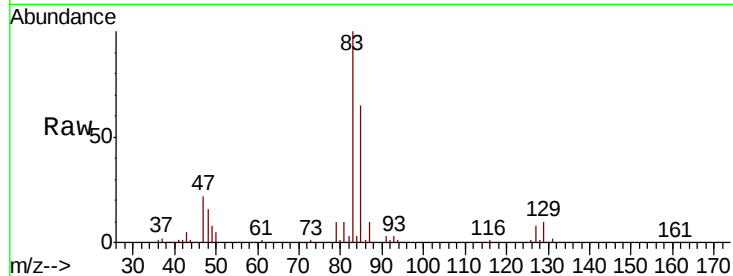




#47
 Bromodichloromethane
 Concen: 50.111 ug/l
 RT: 6.76 min Scan# 1737
 Delta R.T. 0.00 min
 Lab File: VU027161.D
 Acq: 26 Sep 2018 05:12

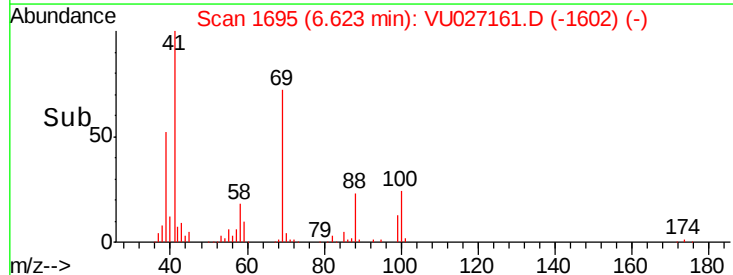
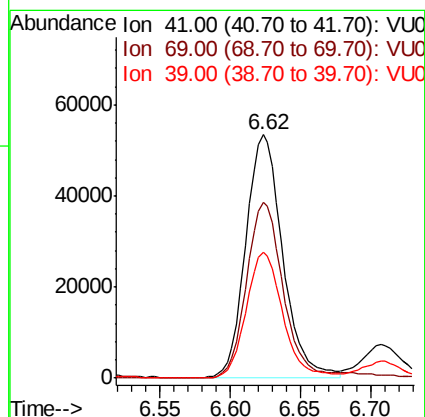
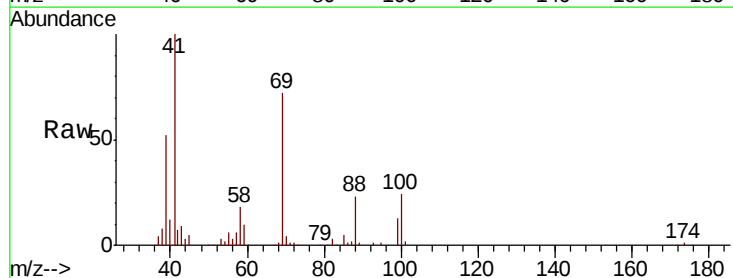
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 83 Resp: 92818
 Ion Ratio Lower Upper
 83 100
 85 64.8 52.5 78.7
 127 7.6 6.3 9.5



#48
 Methyl methacrylate
 Concen: 52.267 ug/l
 RT: 6.62 min Scan# 1695
 Delta R.T. 0.00 min
 Lab File: VU027161.D
 Acq: 26 Sep 2018 05:12

Tgt Ion: 41 Resp: 98431
 Ion Ratio Lower Upper
 41 100
 69 73.9 60.6 90.8
 39 51.5 42.8 64.2

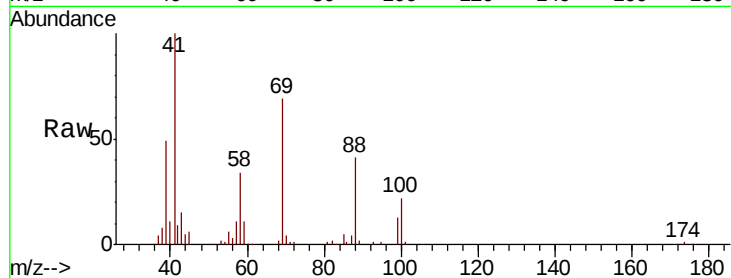




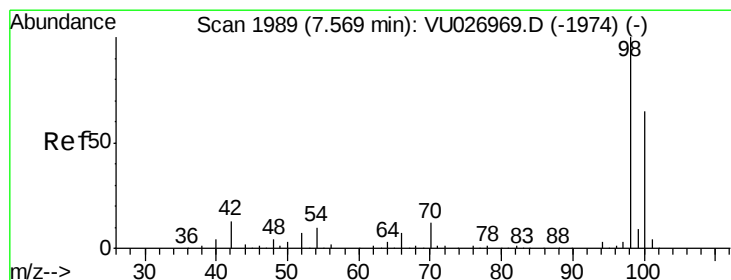
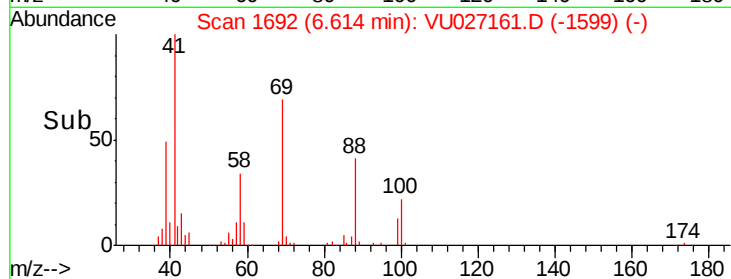
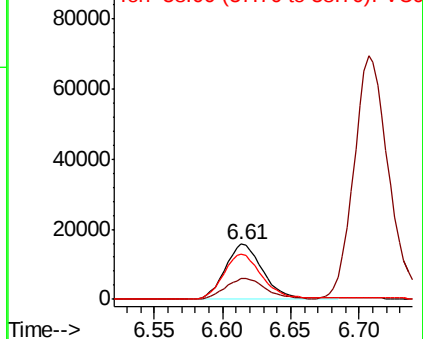
#49
1,4-Dioxane
Concen: 818.937 ug/l
RT: 6.61 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VU027161.D
Acq: 26 Sep 2018 05:12

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion: 88 Resp: 30613
Ion Ratio Lower Upper
88 100
43 40.2 29.8 44.8
58 83.0 63.9 95.9

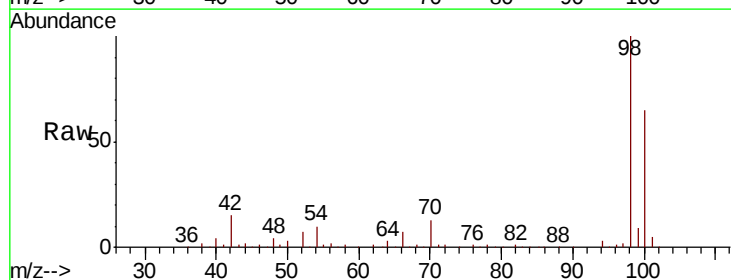


Abundance Ion 88.00 (87.70 to 88.70): VU0
Ion 43.00 (42.70 to 43.70): VU0
Ion 58.00 (57.70 to 58.70): VU0

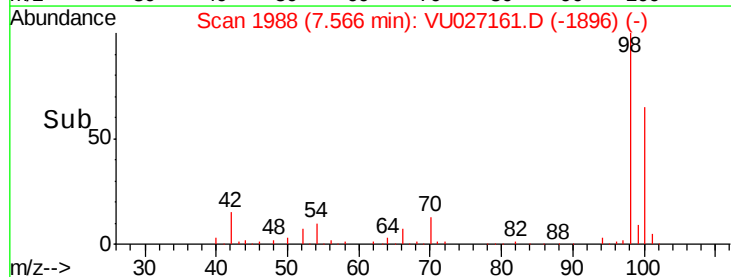
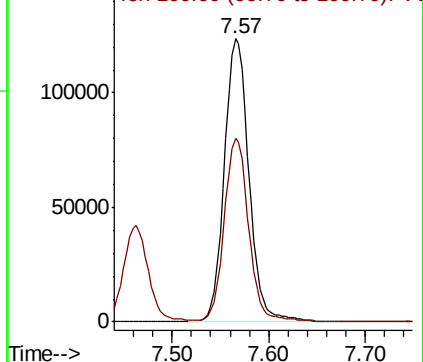


#50
Toluene-d8
Concen: 50.576 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. -0.00 min
Lab File: VU027161.D
Acq: 26 Sep 2018 05:12

Tgt Ion: 98 Resp: 219202
Ion Ratio Lower Upper
98 100
100 64.7 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VU0
Ion 100.00 (99.70 to 100.70): VU0





#51

4-Methyl-2-Pentanone

Concen: 283.214 ug/l

RT: 7.46 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VU027161.D

Acq: 26 Sep 2018 05:12

Instrument :

MSVOA_U

ClientSampleId :

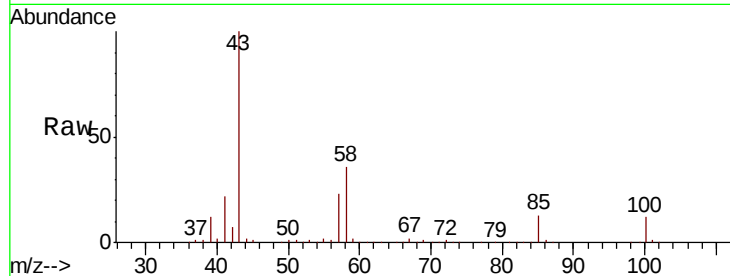
VSTDCCC050EC

Tot Ion: 43 Resp: 658481

Ion Ratio Lower Upper

43 100

58 36.3 29.8 44.6



Abundance Ion 43.00 (42.70 to 43.70): VU026969.D (-1939) (-)

Ion 58.00 (57.70 to 58.70): VU026969.D (-1939) (-)

7.46

400000

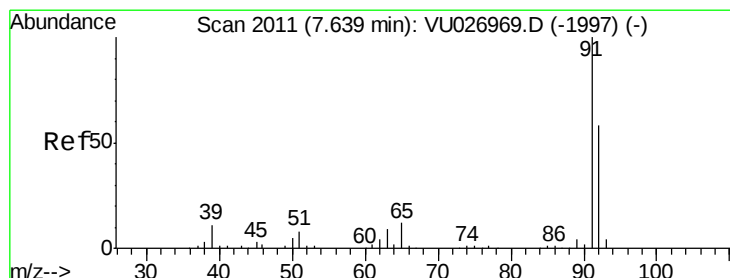
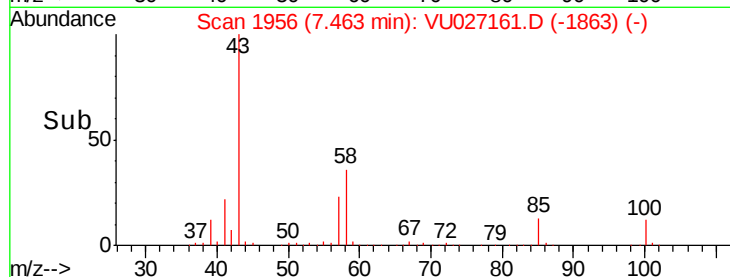
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 50.931 ug/l

RT: 7.64 min Scan# 2011

Delta R.T. 0.00 min

Lab File: VU027161.D

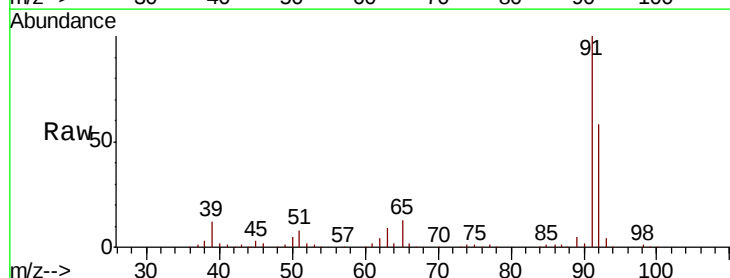
Acq: 26 Sep 2018 05:12

Tgt Ion: 92 Resp: 155402

Ion Ratio Lower Upper

92 100

91 174.0 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VU026969.D (-1997) (-)

Ion 91.00 (90.70 to 91.70): VU026969.D (-1997) (-)

7.64

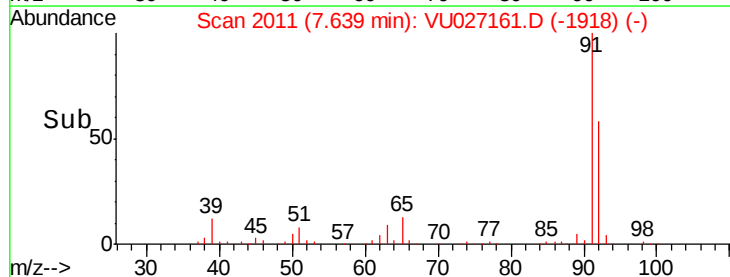
150000

100000

50000

0

Time-->

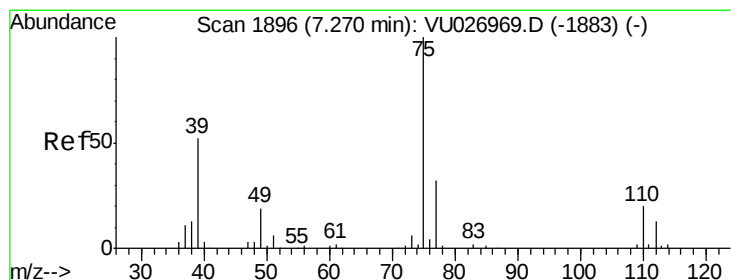
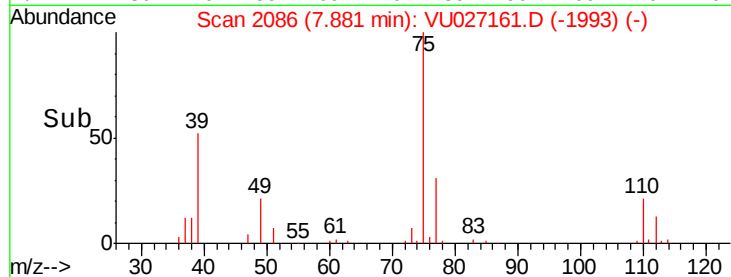
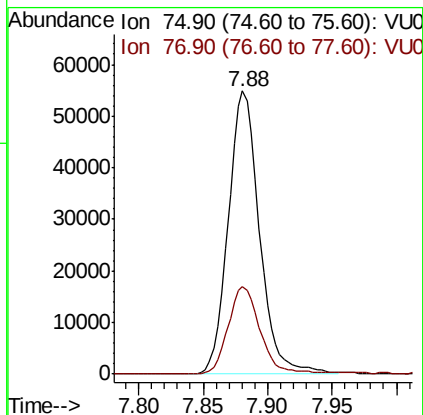
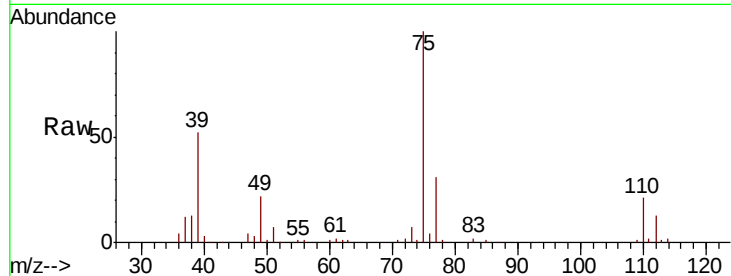




#53
t-1,3-Dichloropropene
Concen: 46.355 ug/l
RT: 7.88 min Scan# 2086
Delta R.T. 0.00 min
Lab File: VU027161.D
Acq: 26 Sep 2018 05:12

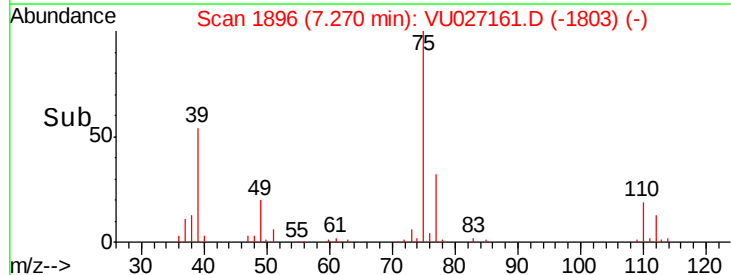
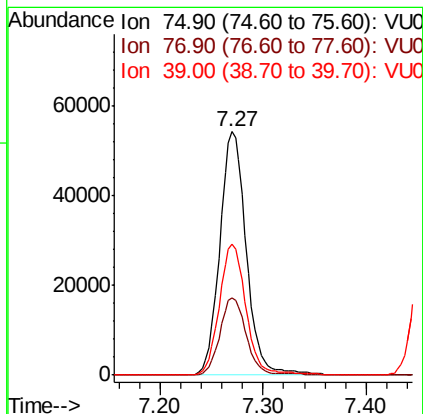
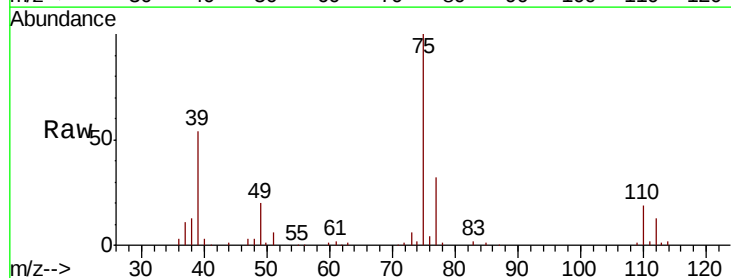
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 92250
Ion Ratio Lower Upper
75 100
77 30.9 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 44.384 ug/l
RT: 7.27 min Scan# 1896
Delta R.T. 0.00 min
Lab File: VU027161.D
Acq: 26 Sep 2018 05:12

Tgt Ion: 75 Resp: 97119
Ion Ratio Lower Upper
75 100
77 31.6 25.4 38.0
39 53.7 41.6 62.4

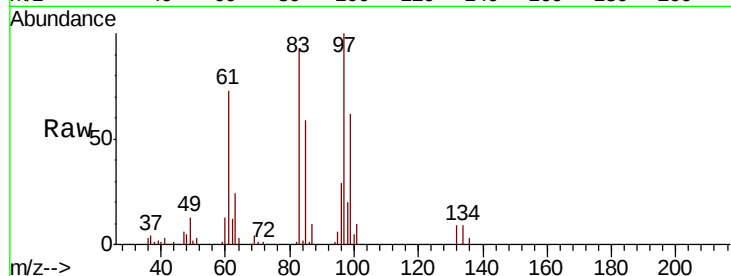




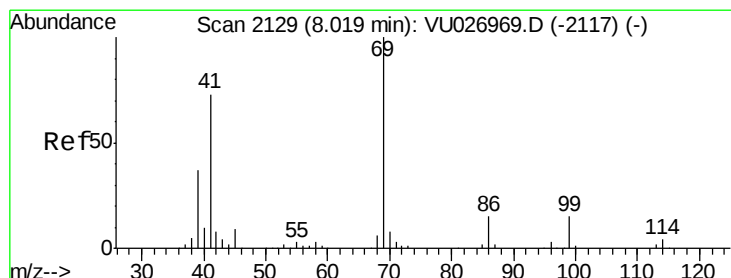
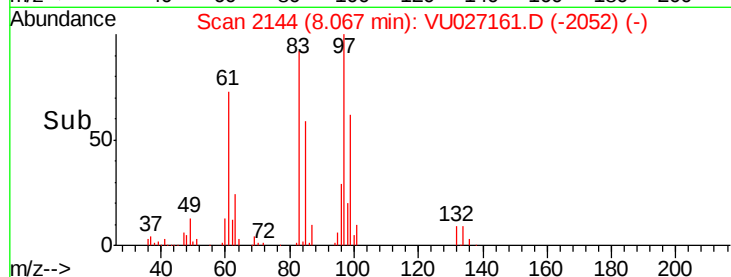
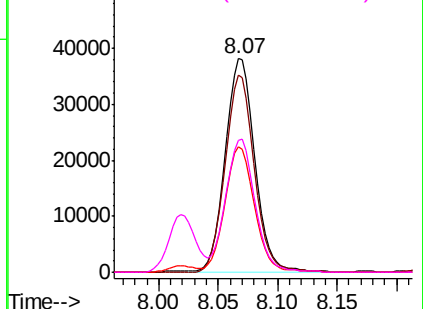
#55
 1,1,2-Trichloroethane
 Concen: 51.085 ug/l
 RT: 8.07 min Scan# 2144
 Delta R.T. -0.00 min
 Lab File: VU027161.D
 Acq: 26 Sep 2018 05:12

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 97 Resp: 66046
 Ion Ratio Lower Upper
 97 100
 83 92.5 73.1 109.7
 85 58.8 46.7 70.1
 99 61.9 50.0 75.0

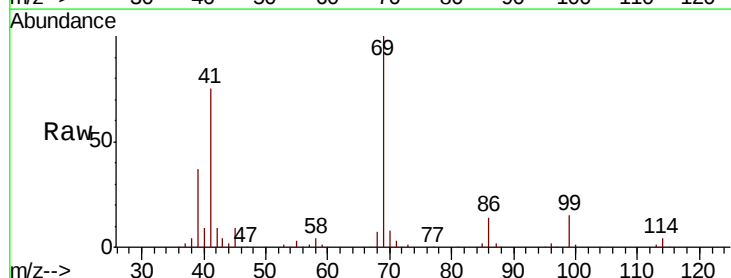


Abundance Ion 96.90 (96.60 to 97.60): VU0
 Ion 82.90 (82.60 to 83.60): VU0
 Ion 84.90 (84.60 to 85.60): VU0
 Ion 98.90 (98.60 to 99.60): VU0

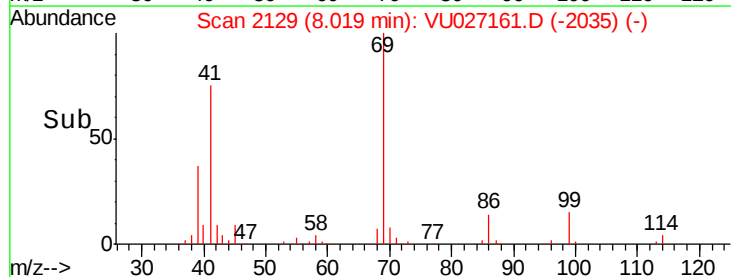
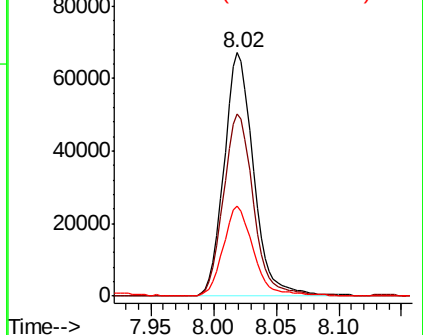


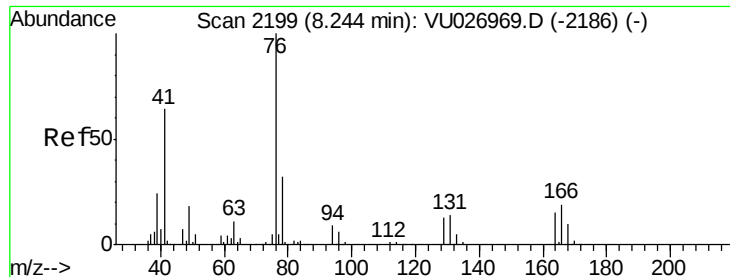
#56
 Ethyl methacrylate
 Concen: 48.927 ug/l
 RT: 8.02 min Scan# 2129
 Delta R.T. 0.00 min
 Lab File: VU027161.D
 Acq: 26 Sep 2018 05:12

Tgt Ion: 69 Resp: 109645
 Ion Ratio Lower Upper
 69 100
 41 76.4 59.0 88.4
 39 37.5 30.2 45.4



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: 52.649 ug/l

RT: 8.24 min Scan# 2199

Delta R.T. 0.00 min

Lab File: VU027161.D

Acq: 26 Sep 2018 05:12

Instrument :

MSVOA_U

ClientSampleId :

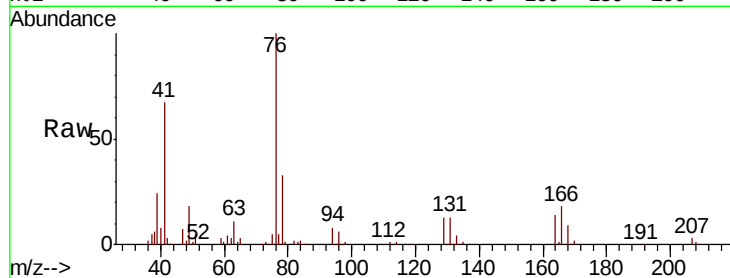
VSTDCCC050EC

Tot Ion: 76 Resp: 126601

Ion Ratio Lower Upper

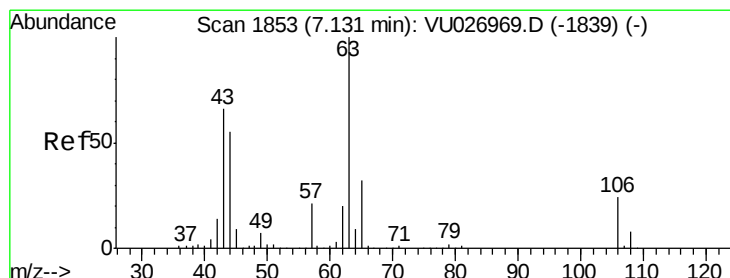
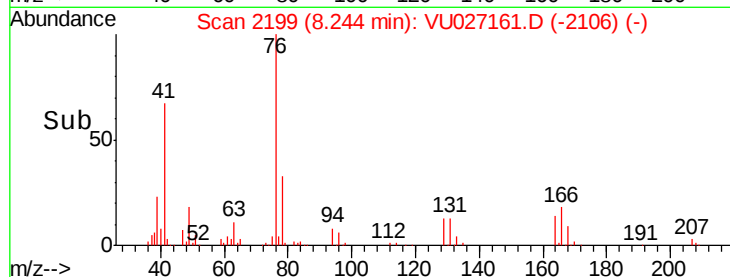
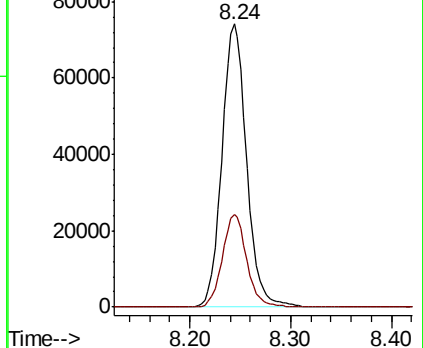
76 100

78 32.3 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VU0

Ion 77.90 (77.60 to 78.60): VU0



#58

2-Chloroethyl Vinyl ether

Concen: 5.218 ug/l

RT: 7.27 min Scan# 1896

Delta R.T. 0.14 min

Lab File: VU027161.D

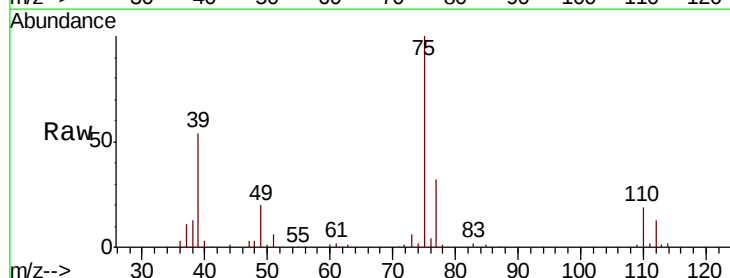
Acq: 26 Sep 2018 05:12

Tgt Ion: 63 Resp: 463

Ion Ratio Lower Upper

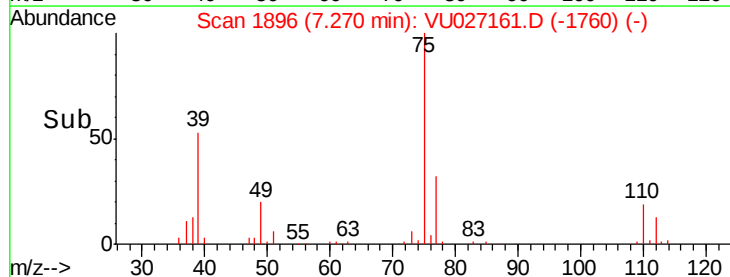
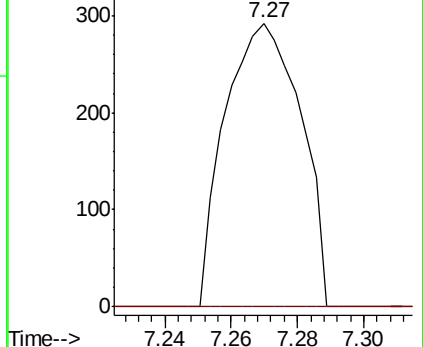
63 100

106 0.0 18.7 28.1#



Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 105.90 (105.60 to 106.60): V

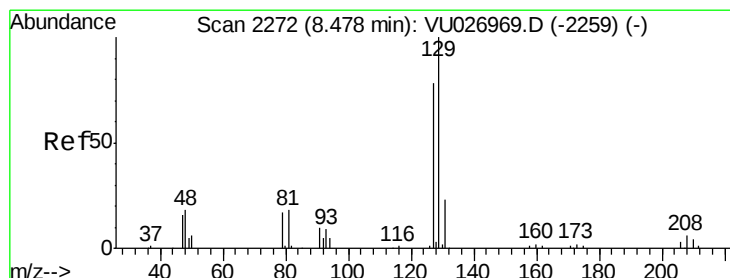
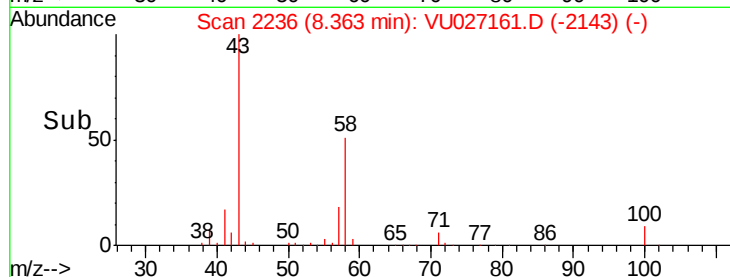
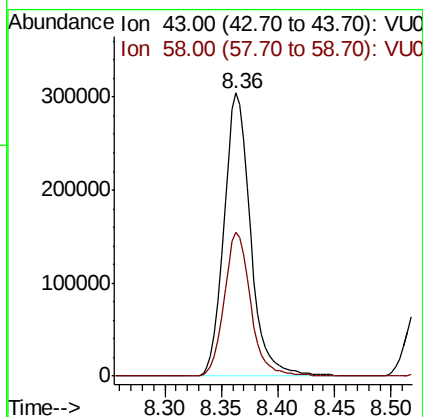
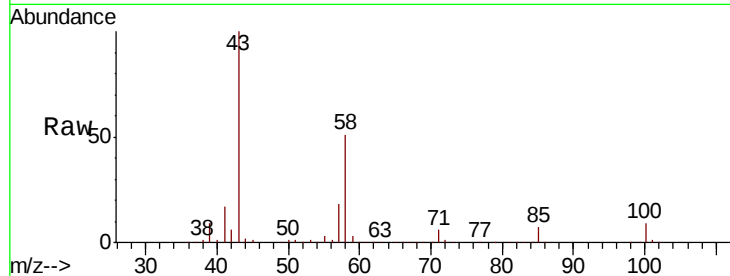




#59
2-Hexanone
Concen: 273.053 ug/l
RT: 8.36 min Scan# 2236
Delta R.T. 0.00 min
Lab File: VU027161.D
Acq: 26 Sep 2018 05:12

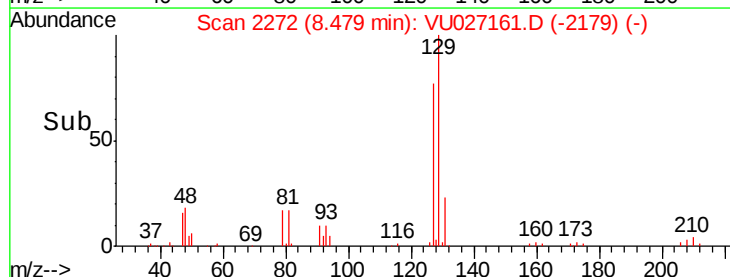
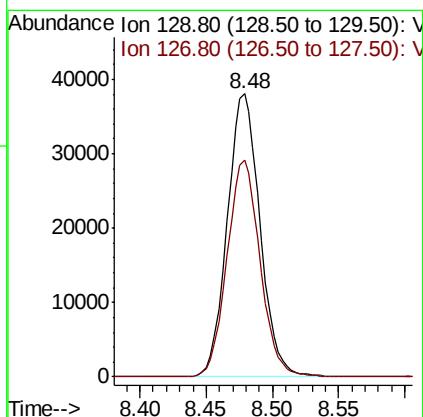
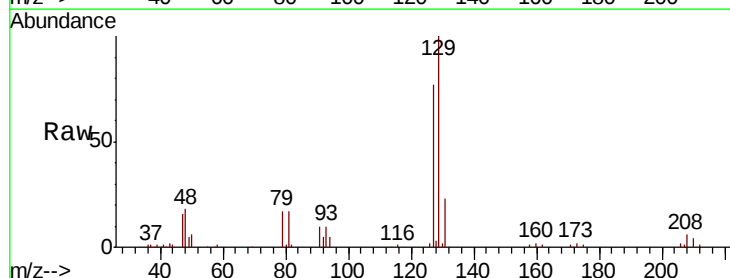
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 496952
Ion Ratio Lower Upper
43 100
58 50.6 26.1 78.2



#60
Dibromochloromethane
Concen: 51.481 ug/l
RT: 8.48 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VU027161.D
Acq: 26 Sep 2018 05:12

Tgt Ion: 129 Resp: 65286
Ion Ratio Lower Upper
129 100
127 77.2 38.1 114.5

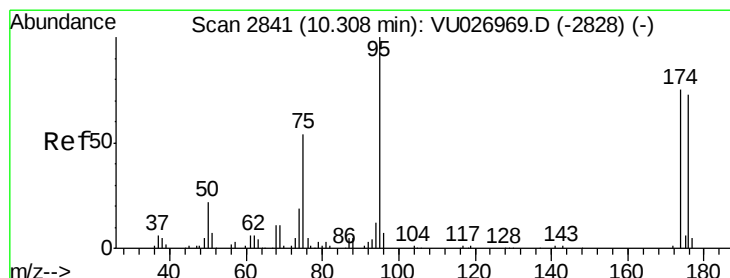
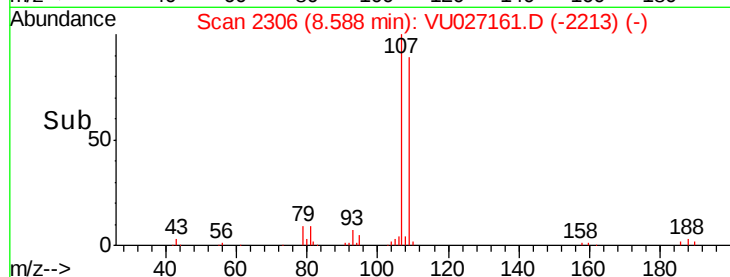
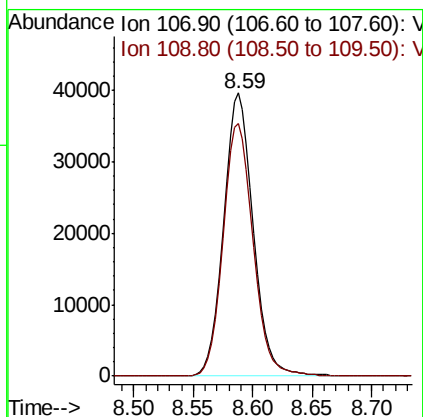
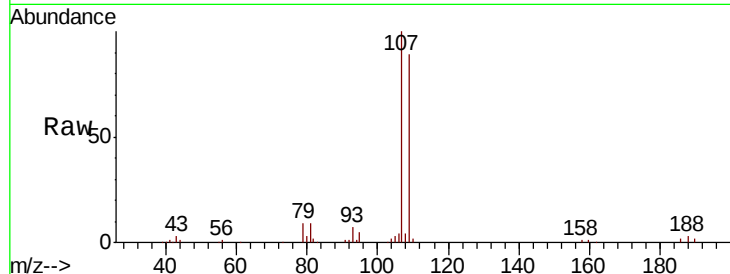




#61
 1,2-Dibromoethane
 Concen: 50.539 ug/l
 RT: 8.59 min Scan# 2306
 Delta R.T. 0.00 min
 Lab File: VU027161.D
 Acq: 26 Sep 2018 05:12

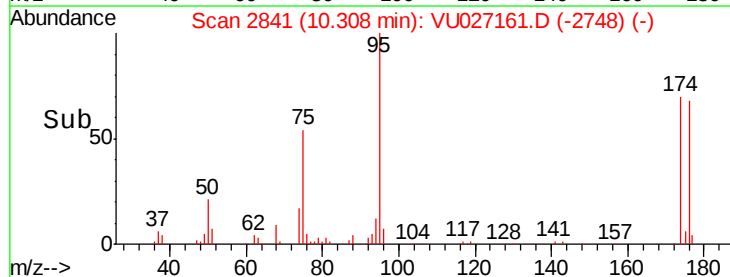
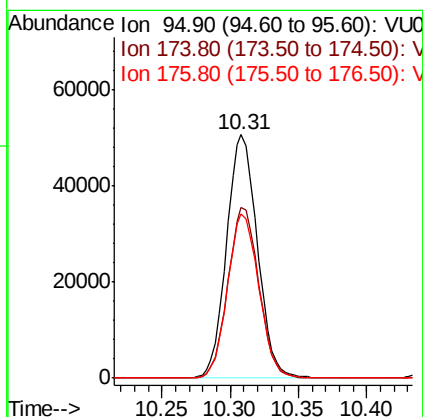
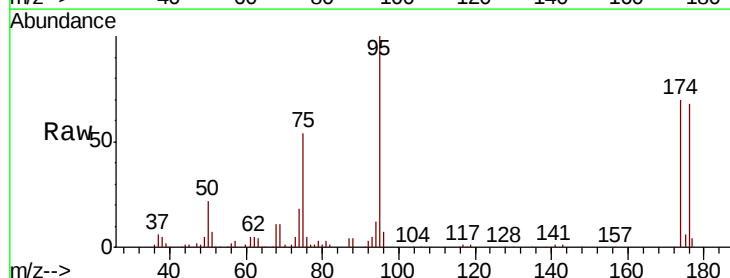
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:107 Resp: 67984
 Ion Ratio Lower Upper
 107 100
 109 90.9 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 53.505 ug/l
 RT: 10.31 min Scan# 2841
 Delta R.T. 0.00 min
 Lab File: VU027161.D
 Acq: 26 Sep 2018 05:12

Tgt Ion: 95 Resp: 79571
 Ion Ratio Lower Upper
 95 100
 174 70.6 0.0 150.2
 176 68.6 0.0 145.2

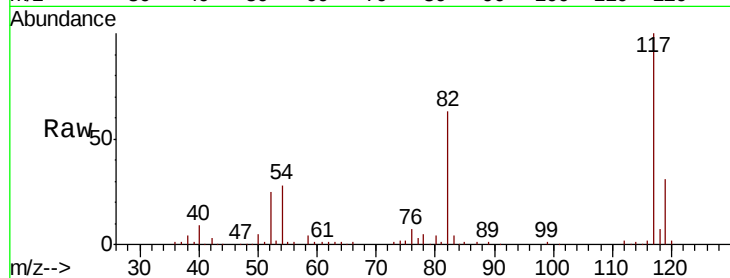




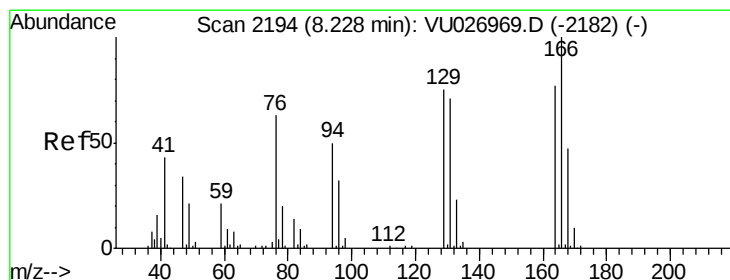
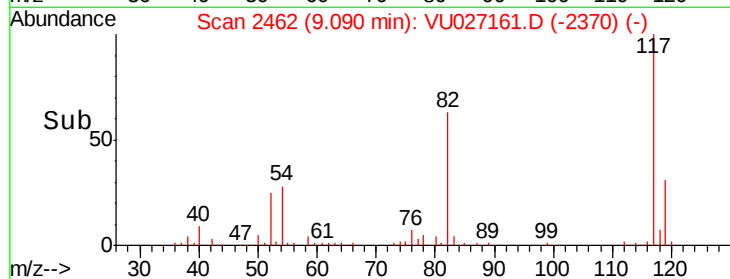
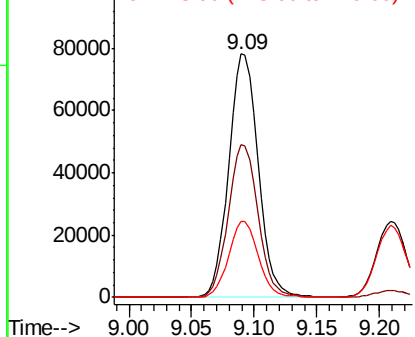
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU027161.D
Acq: 26 Sep 2018 05:12

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion:117 Resp: 128078
Ion Ratio Lower Upper
117 100
82 62.9 48.0 72.0
119 31.2 25.8 38.8



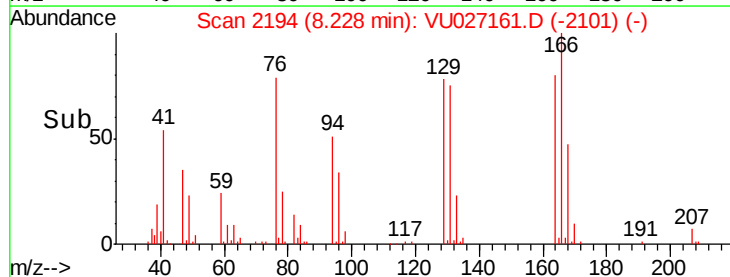
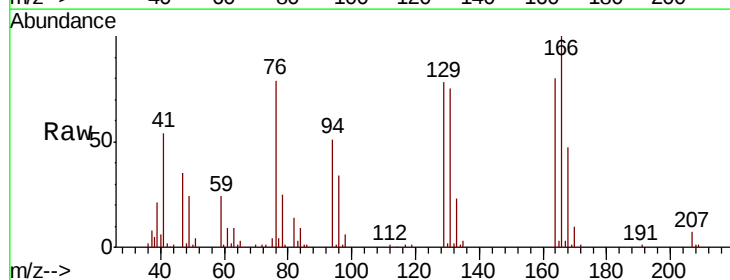
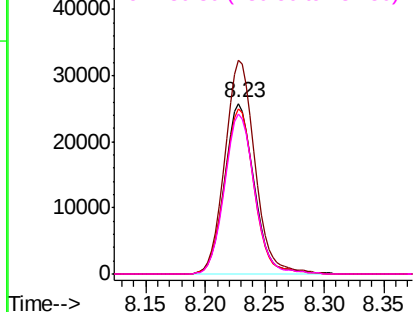
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU027161.D (-2370) (-)
Ion 118.90 (118.60 to 119.60): V

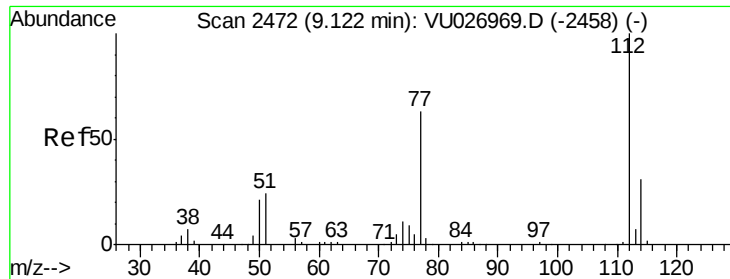


#64
Tetrachloroethene
Concen: 45.280 ug/l
RT: 8.23 min Scan# 2194
Delta R.T. 0.00 min
Lab File: VU027161.D
Acq: 26 Sep 2018 05:12

Tgt Ion:164 Resp: 44688
Ion Ratio Lower Upper
164 100
166 125.1 104.4 156.6
129 97.0 78.7 118.1
131 94.0 73.9 110.9

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

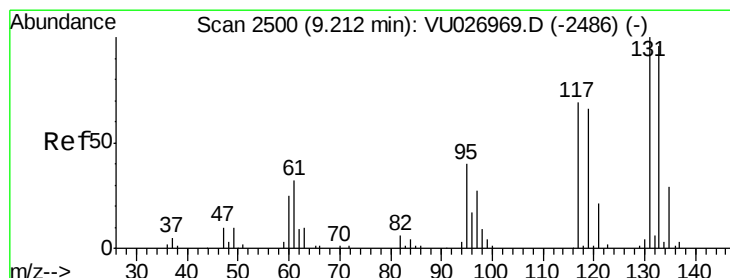
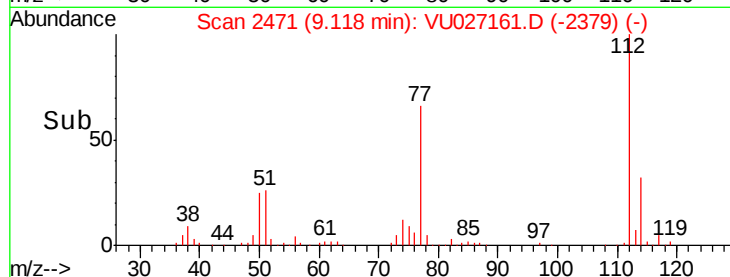
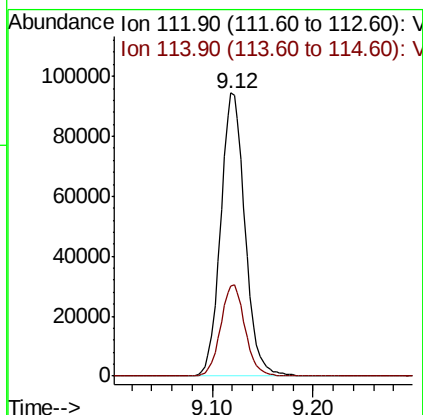
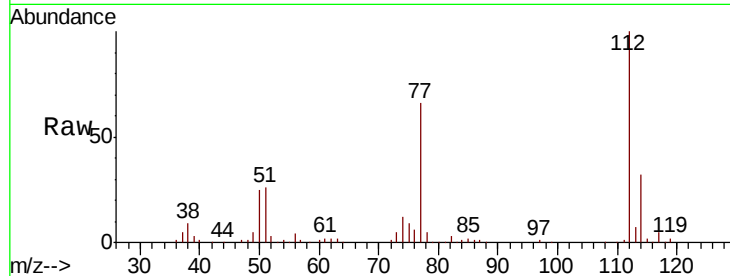




#65
Chlorobenzene
Concen: 46.815 ug/l
RT: 9.12 min Scan# 2471
Delta R.T. -0.00 min
Lab File: VU027161.D
Acq: 26 Sep 2018 05:12

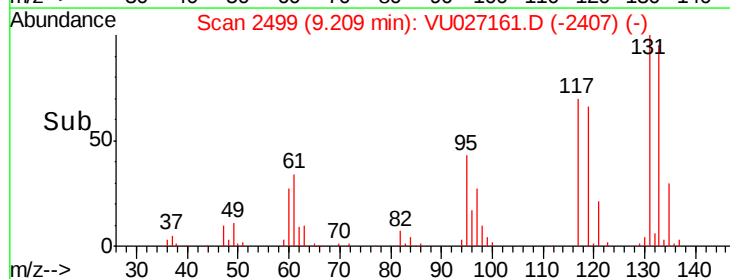
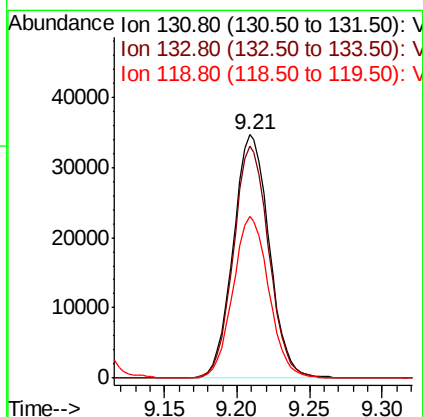
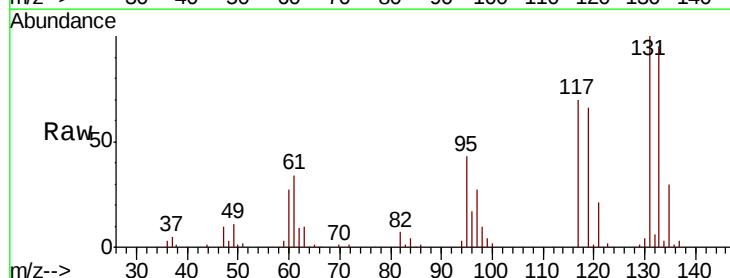
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

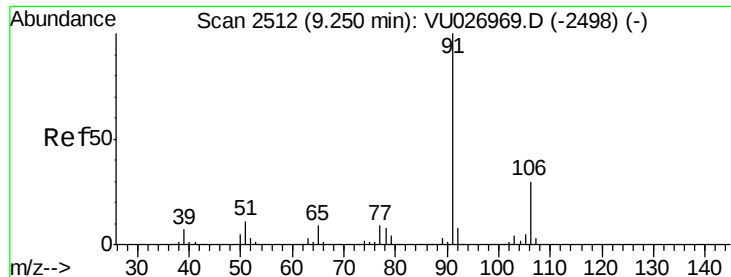
Tot Ion:112 Resp: 158985
Ion Ratio Lower Upper
112 100
114 31.9 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 50.976 ug/l
RT: 9.21 min Scan# 2499
Delta R.T. -0.00 min
Lab File: VU027161.D
Acq: 26 Sep 2018 05:12

Tgt Ion:131 Resp: 59627
Ion Ratio Lower Upper
131 100
133 94.0 48.0 144.2
119 66.2 33.4 100.1

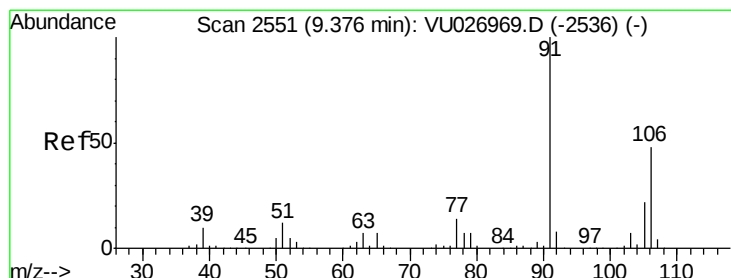
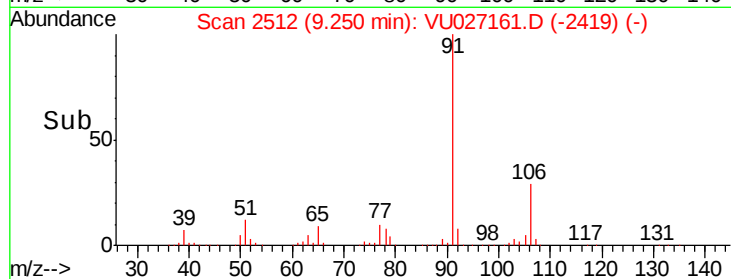
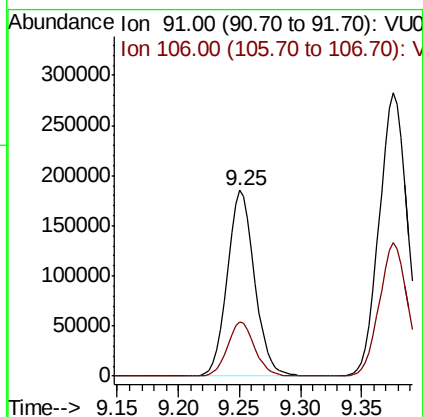
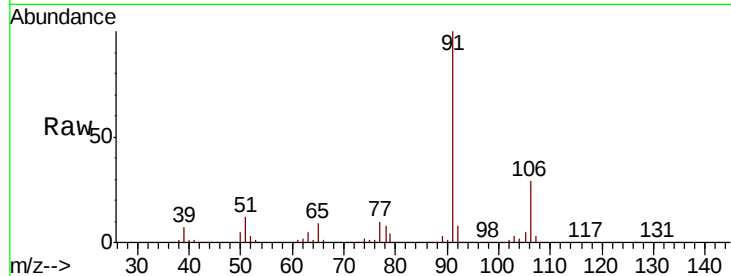




#67
Ethyl Benzene
Concen: 52.064 ug/l
RT: 9.25 min Scan# 2512
Delta R.T. 0.00 min
Lab File: VU027161.D
Acq: 26 Sep 2018 05:12

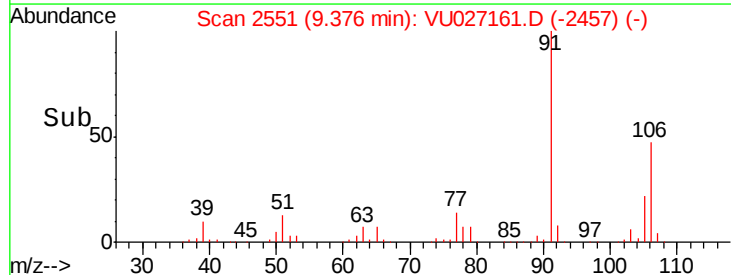
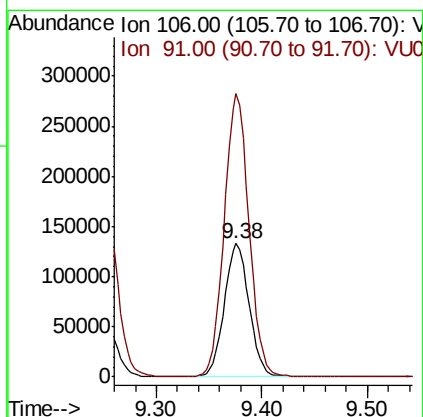
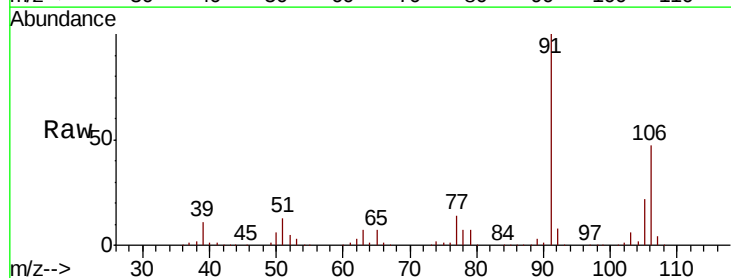
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 290742
Ion Ratio Lower Upper
91 100
106 29.2 23.8 35.8



#68
m/p-Xylenes
Concen: 95.568 ug/l
RT: 9.38 min Scan# 2551
Delta R.T. 0.00 min
Lab File: VU027161.D
Acq: 26 Sep 2018 05:12

Tgt Ion: 106 Resp: 215983
Ion Ratio Lower Upper
106 100
91 211.7 166.5 249.7

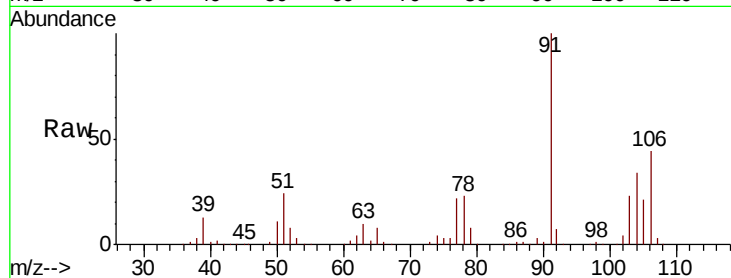




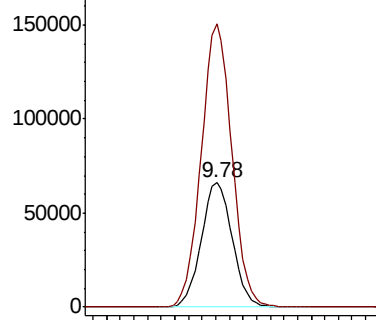
#69
o-Xylene
Concen: 52.753 ug/l
RT: 9.78 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VU027161.D
Acq: 26 Sep 2018 05:12

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

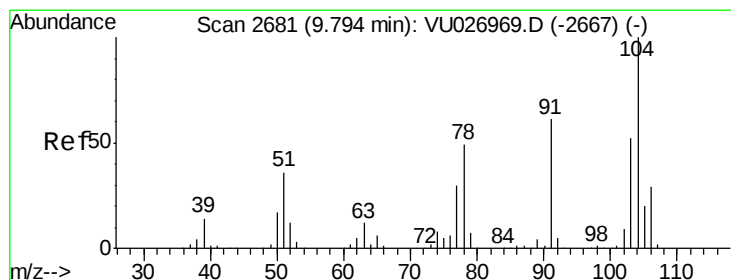
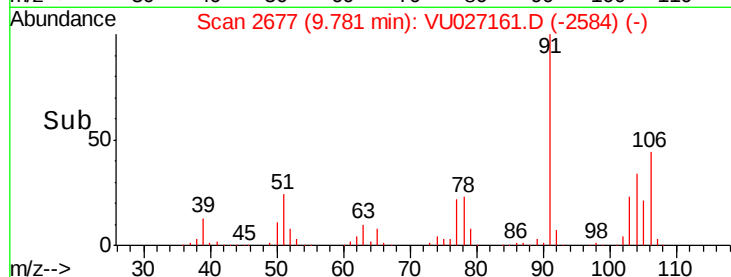
Tot Ion:106 Resp: 104377
Ion Ratio Lower Upper
106 100
91 225.1 110.2 330.6



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

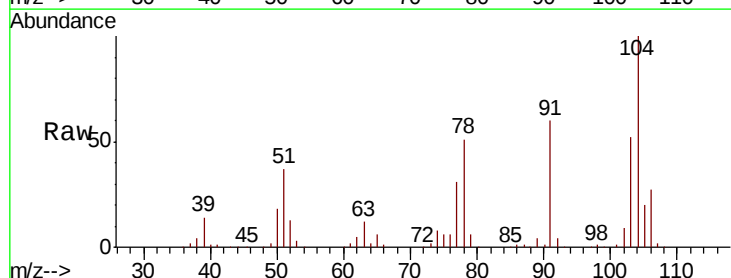


Time-->

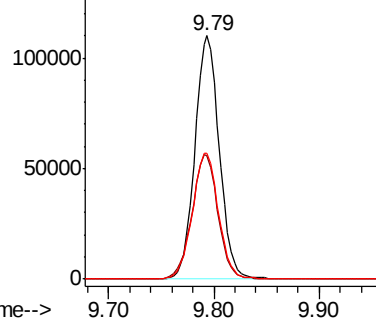


#70
Styrene
Concen: 47.600 ug/l
RT: 9.79 min Scan# 2681
Delta R.T. 0.00 min
Lab File: VU027161.D
Acq: 26 Sep 2018 05:12

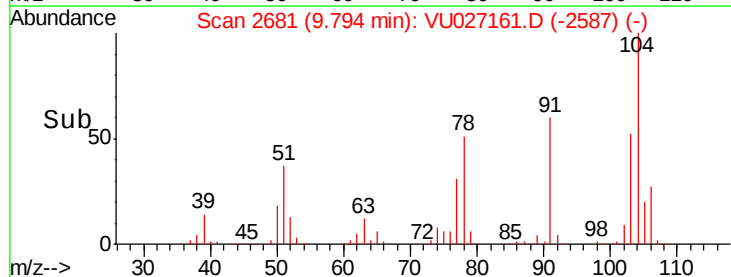
Tgt Ion:104 Resp: 175519
Ion Ratio Lower Upper
104 100
78 54.8 43.0 64.4
103 55.4 44.1 66.1

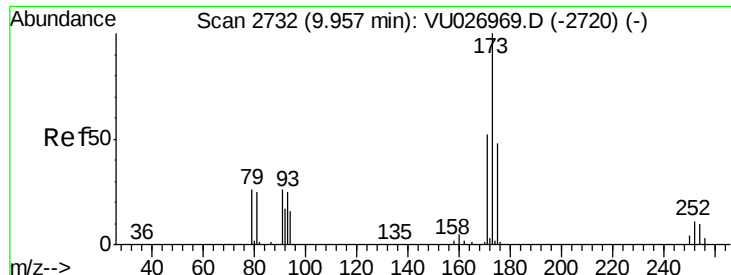


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VU0
Ion 103.00 (102.70 to 103.70): V



Time-->





#71

Bromoform

Concen: 51.266 ug/l

RT: 9.96 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VU027161.D

Acq: 26 Sep 2018 05:12

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

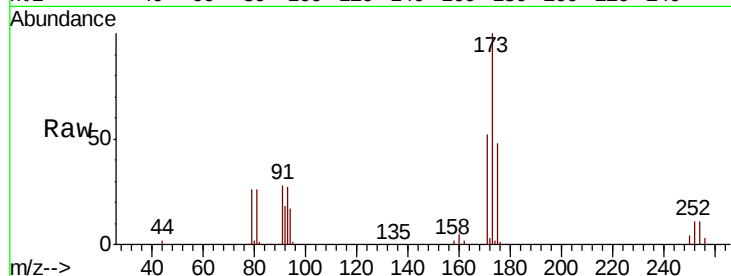
Tot Ion:173 Resp: 46372

Ion Ratio Lower Upper

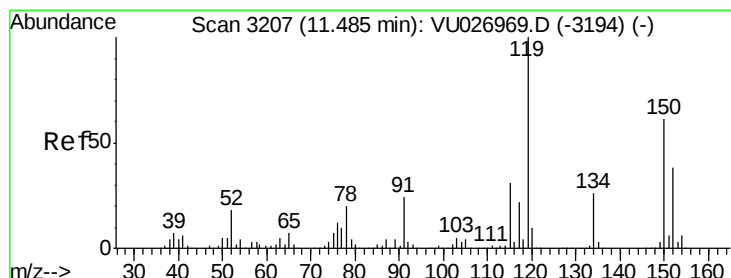
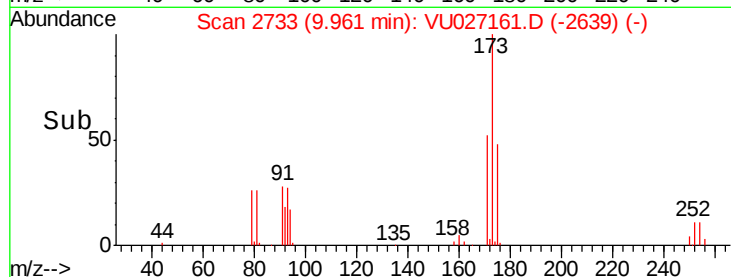
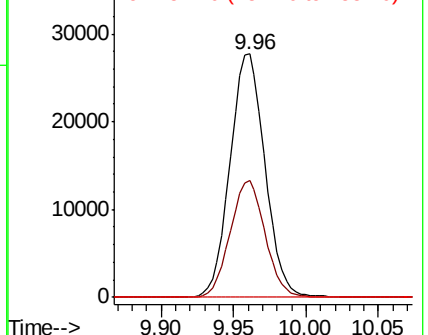
173 100

175 47.8 23.9 71.8

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: 50.000 ug/l

RT: 11.48 min Scan# 3207

Delta R.T. 0.00 min

Lab File: VU027161.D

Acq: 26 Sep 2018 05:12

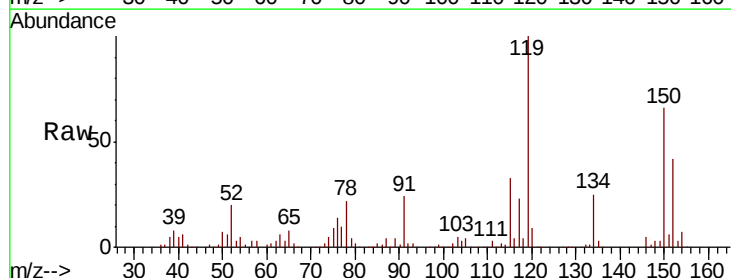
Tgt Ion:152 Resp: 70652

Ion Ratio Lower Upper

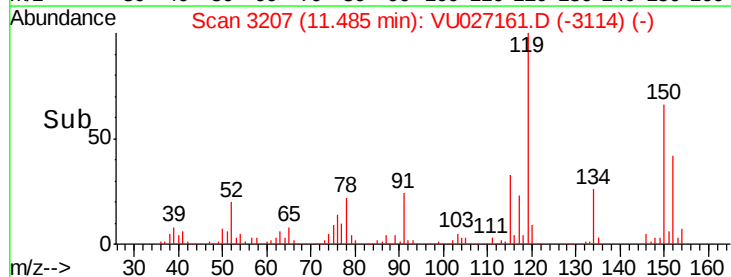
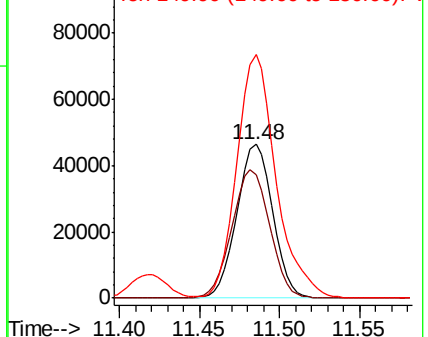
152 100

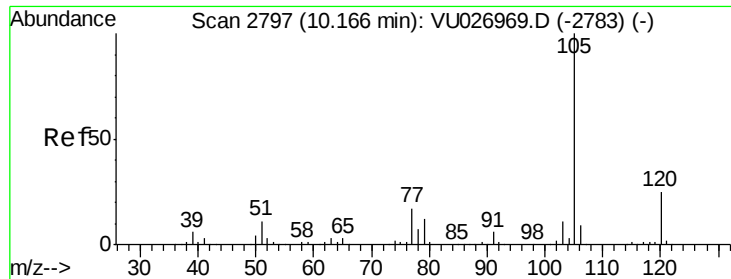
115 87.9 44.9 134.5

150 173.7 0.0 355.8



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: 52.351 ug/l

RT: 10.17 min Scan# 2797

Delta R.T. 0.00 min

Lab File: VU027161.D

Acq: 26 Sep 2018 05:12

Instrument :

MSVOA_U

ClientSampleId :

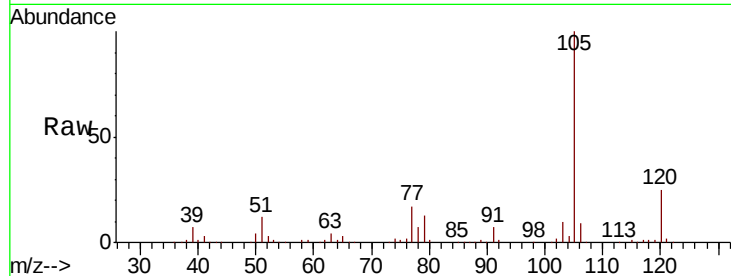
VSTDCCC050EC

Tot Ion:105 Resp: 281355

Ion Ratio Lower Upper

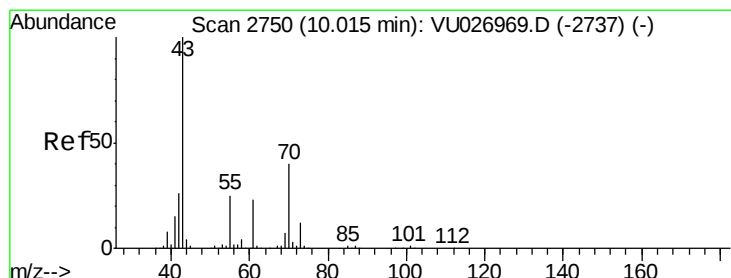
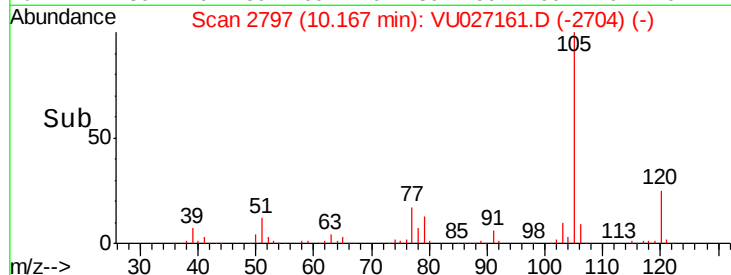
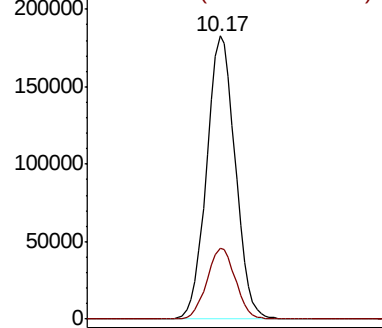
105 100

120 25.0 12.8 38.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 41.280 ug/l

RT: 10.02 min Scan# 2750

Delta R.T. 0.00 min

Lab File: VU027161.D

Acq: 26 Sep 2018 05:12

Tgt Ion: 43 Resp: 128421

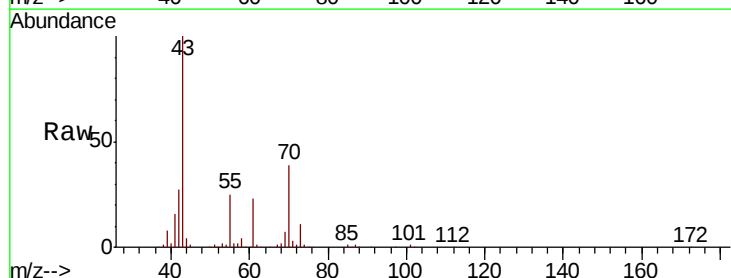
Ion Ratio Lower Upper

43 100

70 37.8 31.8 47.8

55 24.7 19.9 29.9

61 22.6 18.4 27.6

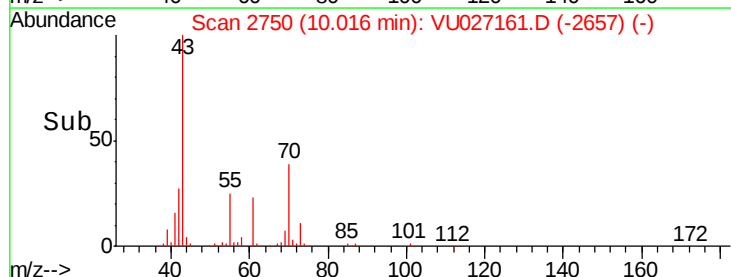
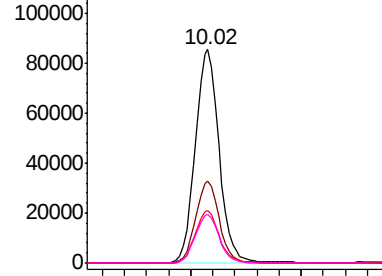


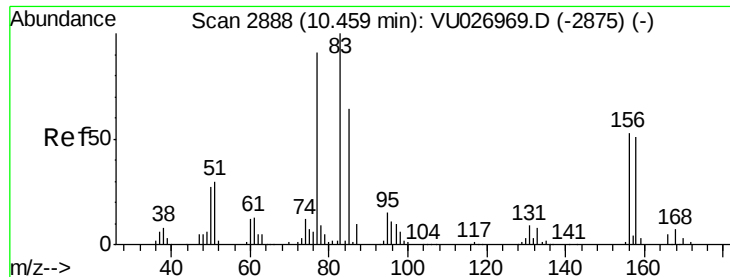
Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 70.00 (69.70 to 70.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 61.00 (60.70 to 61.70): VU0





#75

1,1,2,2-Tetrachloroethane

Concen: 46.772 ug/l

RT: 10.46 min Scan# 2888

Delta R.T. 0.00 min

Lab File: VU027161.D

Acq: 26 Sep 2018 05:12

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

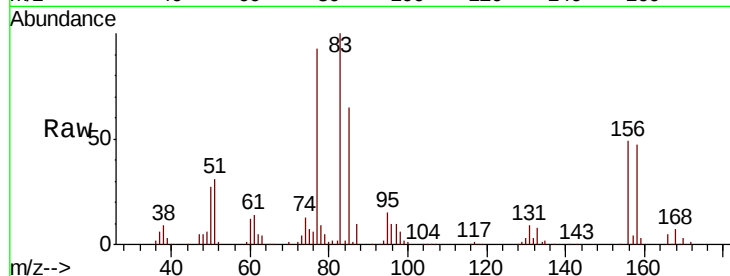
Tot Ion: 83 Resp: 115574

Ion Ratio Lower Upper

83 100

131 8.4 4.3 12.8

85 64.7 31.9 95.7

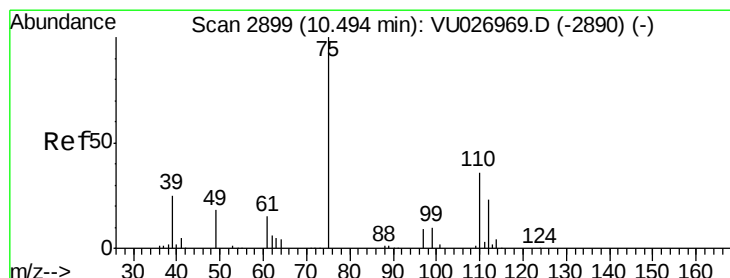
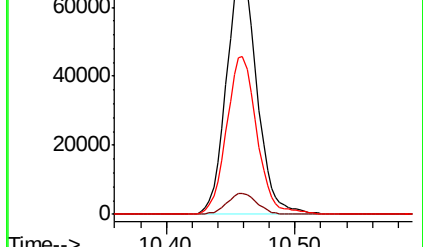
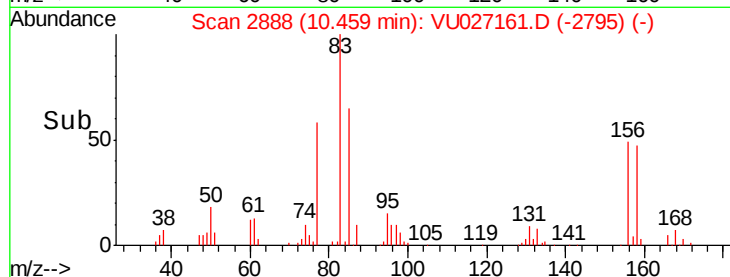


Abundance Ion 82.90 (82.60 to 83.60): VU027161.D (-2795) (-)

Ion 130.80 (130.50 to 131.50): VU027161.D (-2795) (-)

Ion 84.90 (84.60 to 85.60): VU027161.D (-2795) (-)

Time-->



#76

1,2,3-Trichloropropane

Concen: 58.223 ug/l

RT: 10.49 min Scan# 2899

Delta R.T. 0.00 min

Lab File: VU027161.D

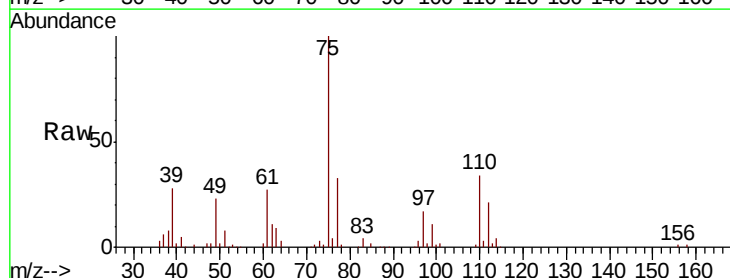
Acq: 26 Sep 2018 05:12

Tgt Ion: 75 Resp: 124969

Ion Ratio Lower Upper

75 100

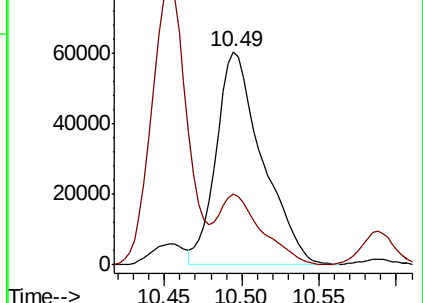
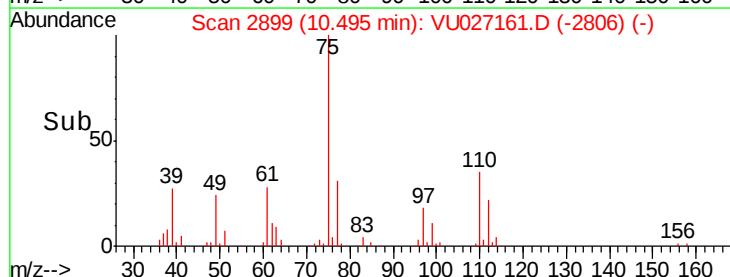
77 29.9 20.9 62.8

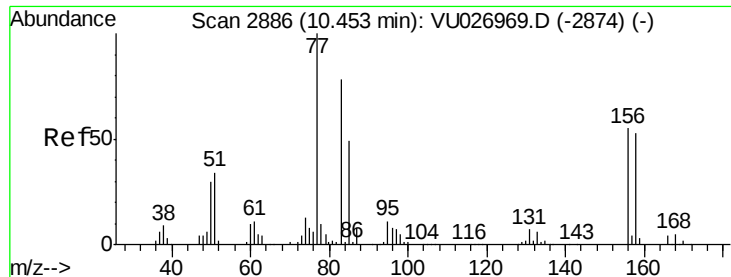


Abundance Ion 74.90 (74.60 to 75.60): VU027161.D (-2806) (-)

Ion 77.00 (76.70 to 77.70): VU027161.D (-2806) (-)

Time-->





#77

Bromobenzene

Concen: 48.408 ug/l

RT: 10.45 min Scan# 2886

Delta R.T. 0.00 min

Lab File: VU027161.D

Acq: 26 Sep 2018 05:12

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

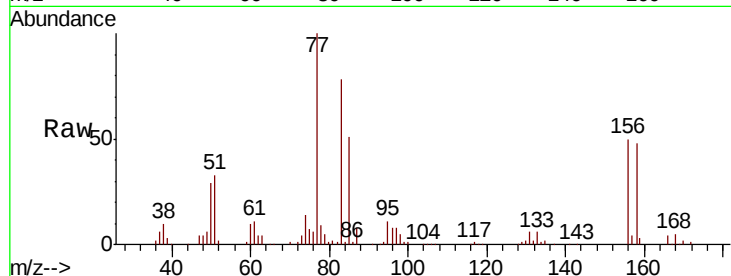
Tot Ion:156 Resp: 63576

Ion Ratio Lower Upper

156 100

77 198.9 92.3 276.9

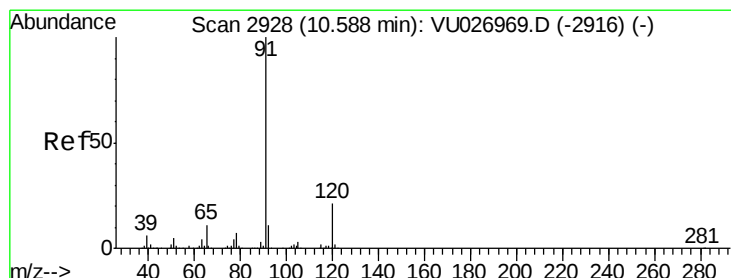
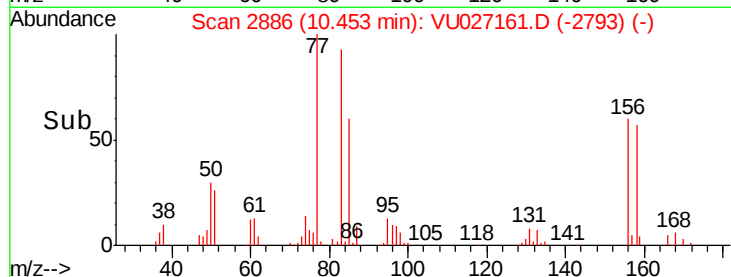
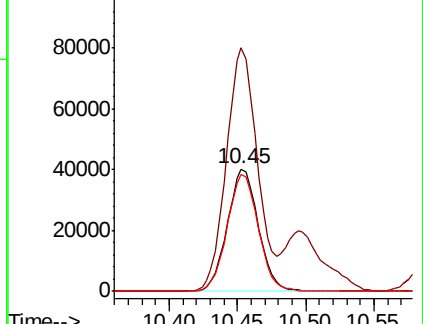
158 95.8 48.1 144.3



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: 53.176 ug/l

RT: 10.59 min Scan# 2928

Delta R.T. 0.00 min

Lab File: VU027161.D

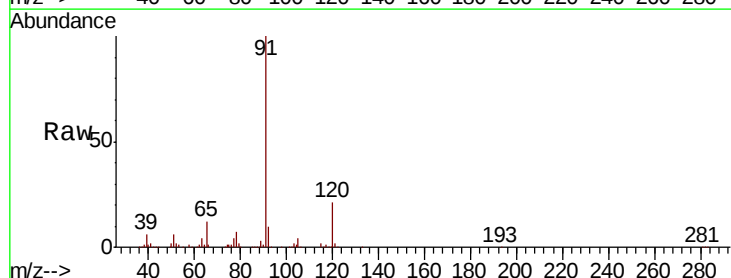
Acq: 26 Sep 2018 05:12

Tgt Ion: 91 Resp: 338157

Ion Ratio Lower Upper

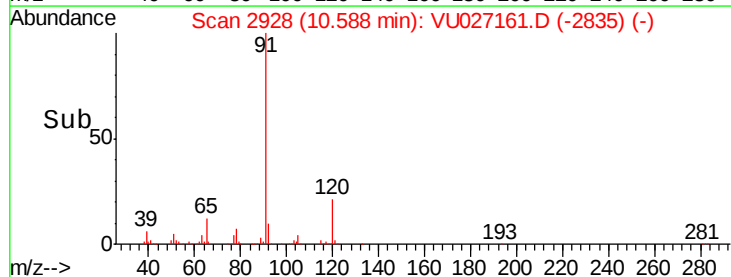
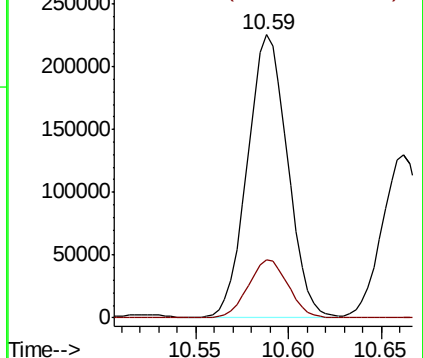
91 100

120 20.4 10.6 31.8



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V

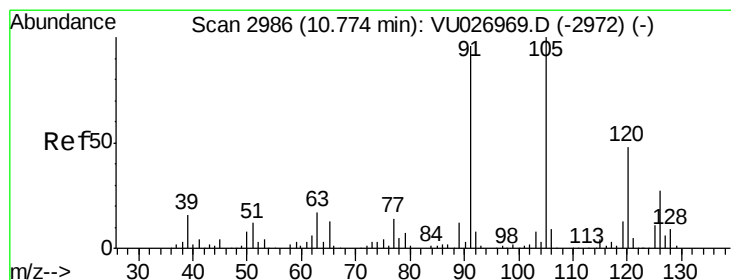
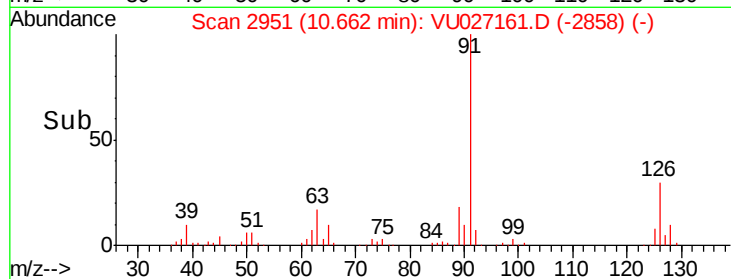
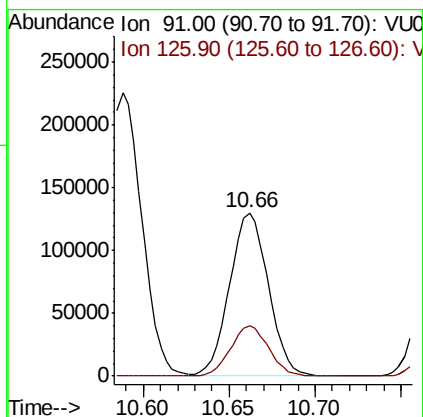
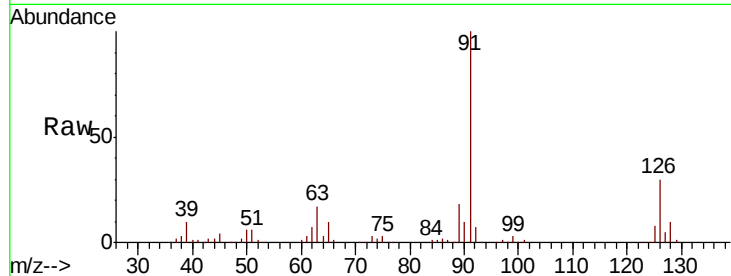




#79
 2-Chlorotoluene
 Concen: 50.767 ug/l
 RT: 10.66 min Scan# 2951
 Delta R.T. 0.00 min
 Lab File: VU027161.D
 Acq: 26 Sep 2018 05:12

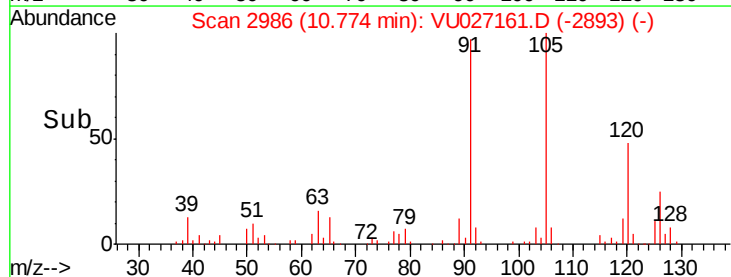
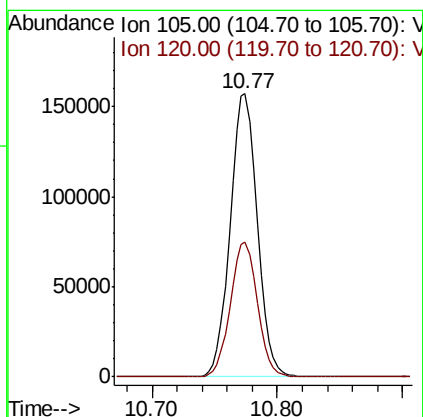
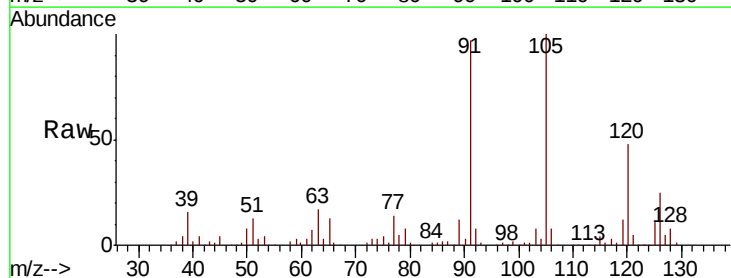
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

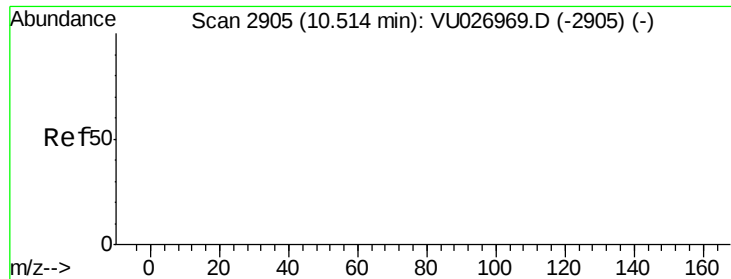
Tot Ion: 91 Resp: 202782
 Ion Ratio Lower Upper
 91 100
 126 30.4 15.8 47.3



#80
 1,3,5-Trimethylbenzene
 Concen: 52.953 ug/l
 RT: 10.77 min Scan# 2986
 Delta R.T. 0.00 min
 Lab File: VU027161.D
 Acq: 26 Sep 2018 05:12

Tgt Ion: 105 Resp: 234924
 Ion Ratio Lower Upper
 105 100
 120 47.7 23.9 71.7

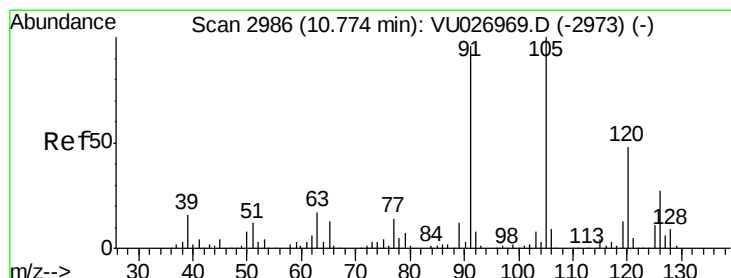
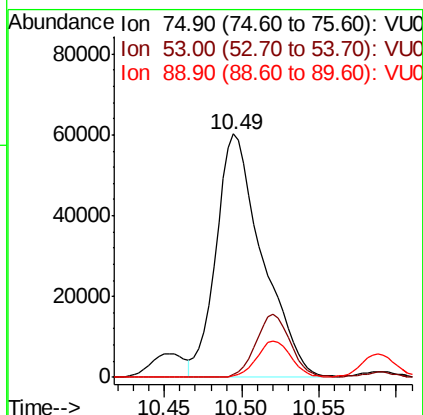
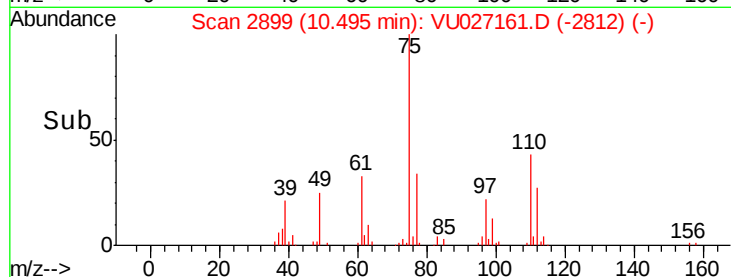
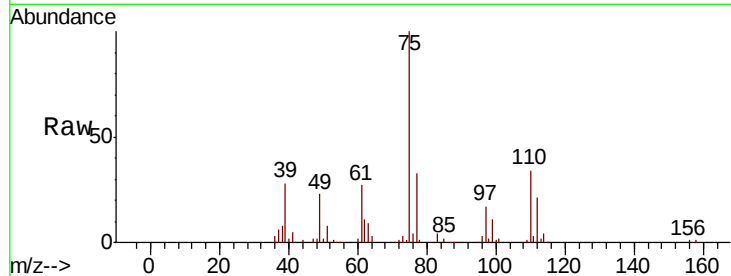




#81
trans-1,4-Dichloro-2-butene
Concen: 186.324 ug/l
RT: 10.49 min Scan# 2899
Delta R.T. -0.02 min
Lab File: VU027161.D
Acq: 26 Sep 2018 05:12

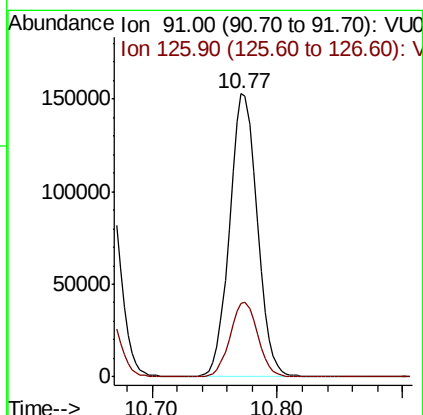
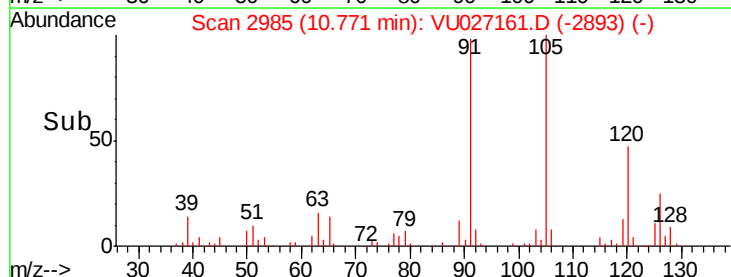
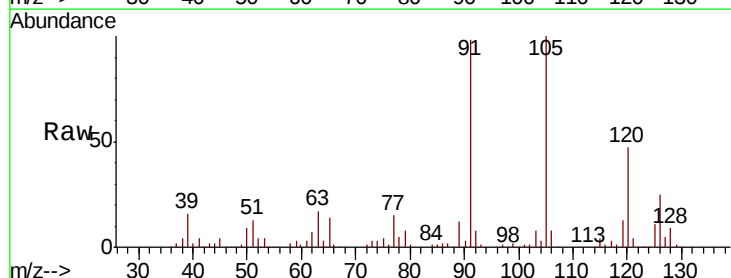
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 124969
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0



#82
4-Chlorotoluene
Concen: 52.080 ug/l
RT: 10.77 min Scan# 2985
Delta R.T. -0.00 min
Lab File: VU027161.D
Acq: 26 Sep 2018 05:12

Tgt Ion: 91 Resp: 233259
Ion Ratio Lower Upper
91 100
126 26.5 14.1 42.2





#83

tert-Butylbenzene

Concen: 51.318 ug/l

RT: 11.10 min Scan# 3088

Delta R.T. 0.00 min

Lab File: VU027161.D

Acq: 26 Sep 2018 05:12

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

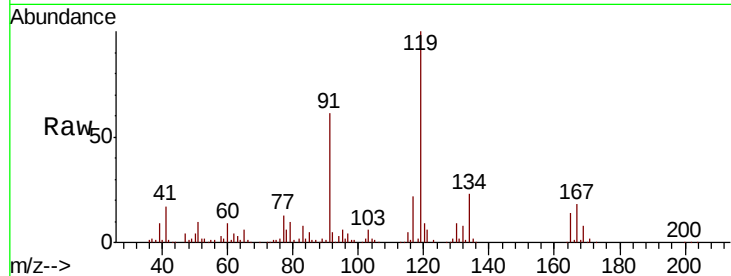
Tot Ion:119 Resp: 225087

Ion Ratio Lower Upper

119 100

91 60.8 29.8 89.4

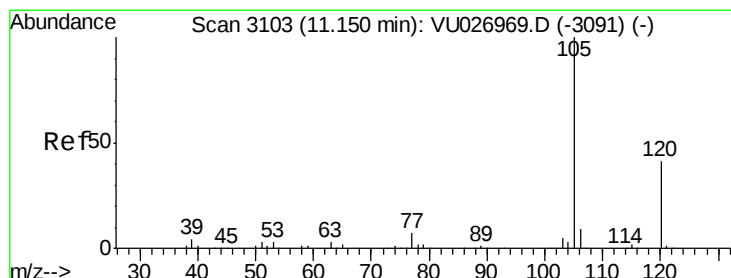
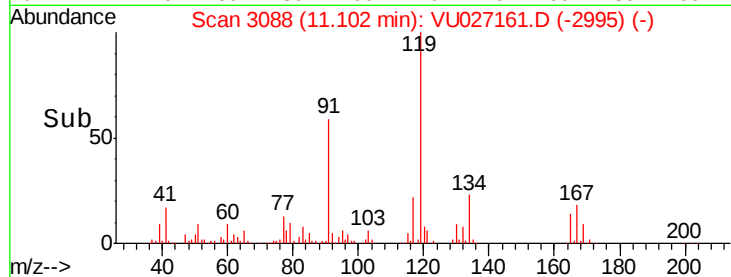
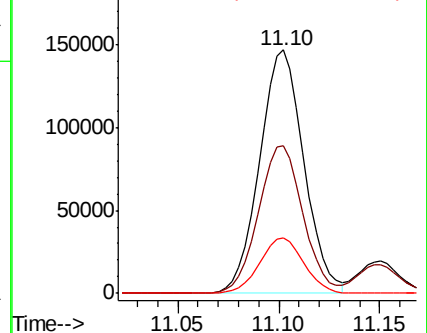
134 22.7 11.5 34.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VU0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 53.230 ug/l

RT: 11.15 min Scan# 3103

Delta R.T. 0.00 min

Lab File: VU027161.D

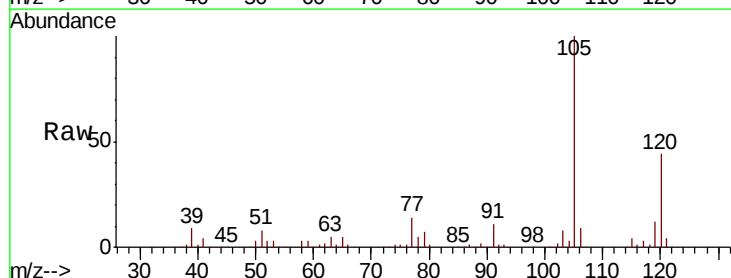
Acq: 26 Sep 2018 05:12

Tgt Ion:105 Resp: 240330

Ion Ratio Lower Upper

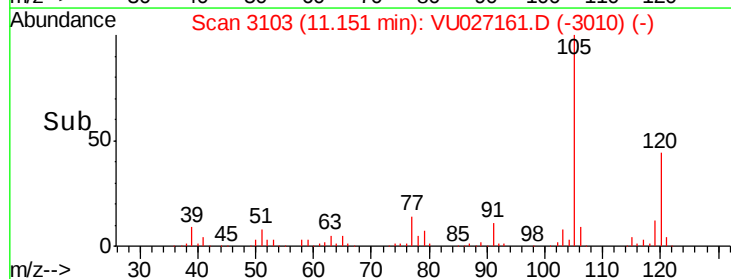
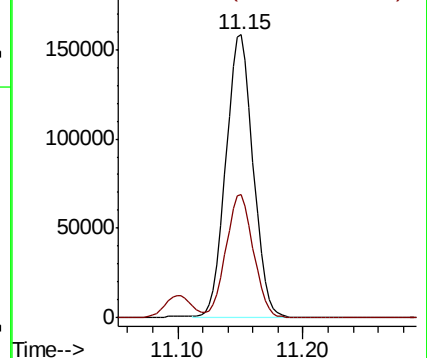
105 100

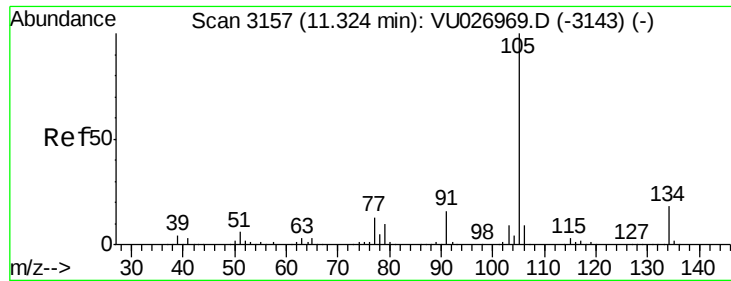
120 43.6 22.4 67.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

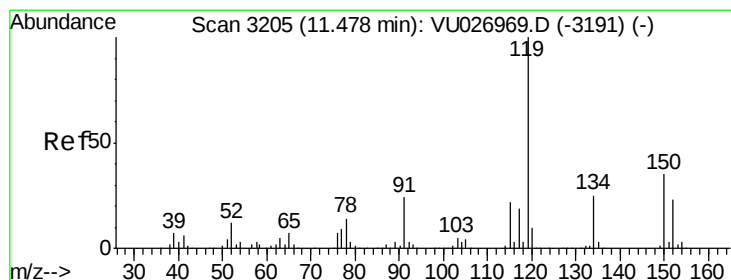
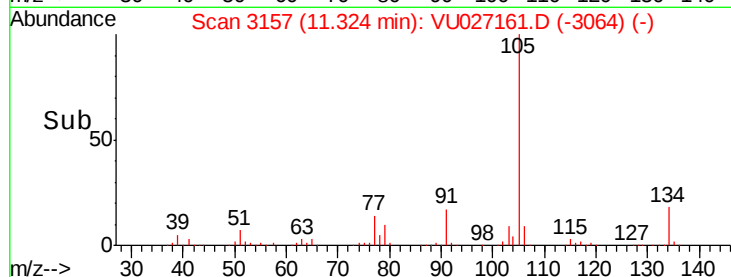
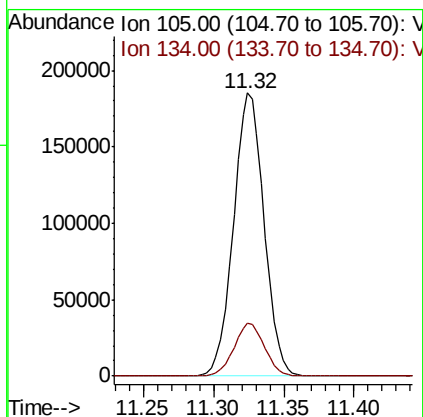
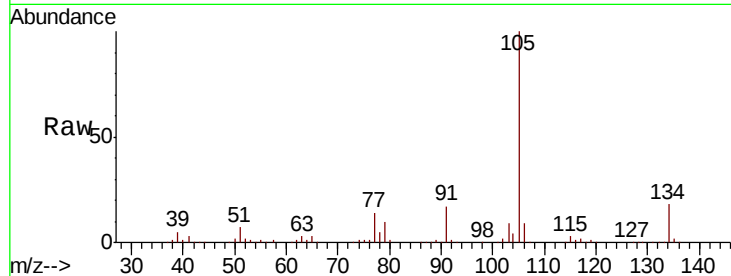




#85
 sec-Butylbenzene
 Concen: 52.393 ug/l
 RT: 11.32 min Scan# 3157
 Delta R.T. 0.00 min
 Lab File: VU027161.D
 Acq: 26 Sep 2018 05:12

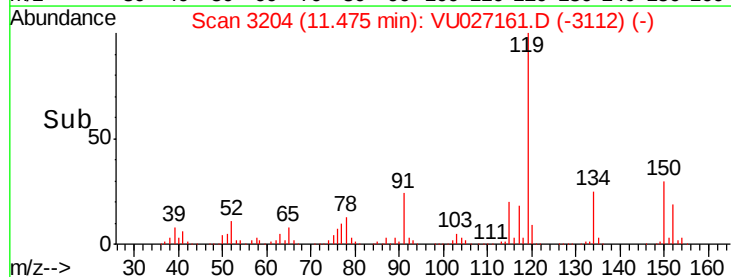
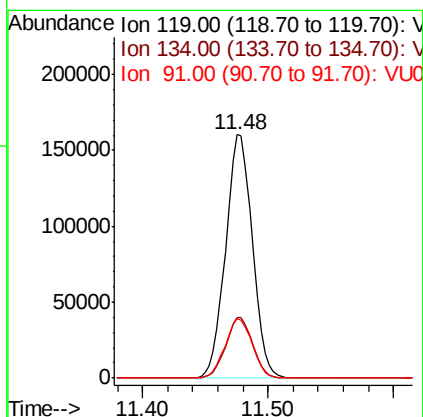
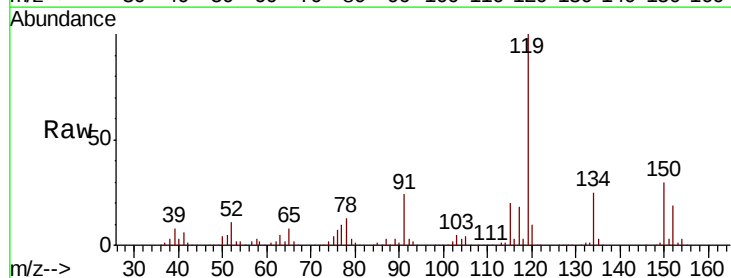
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:105 Resp: 280522
 Ion Ratio Lower Upper
 105 100
 134 18.6 9.4 28.2



#86
 p-Isopropyltoluene
 Concen: 47.141 ug/l
 RT: 11.48 min Scan# 3204
 Delta R.T. -0.00 min
 Lab File: VU027161.D
 Acq: 26 Sep 2018 05:12

Tgt Ion:119 Resp: 236565
 Ion Ratio Lower Upper
 119 100
 134 25.0 12.8 38.3
 91 24.7 12.3 36.8

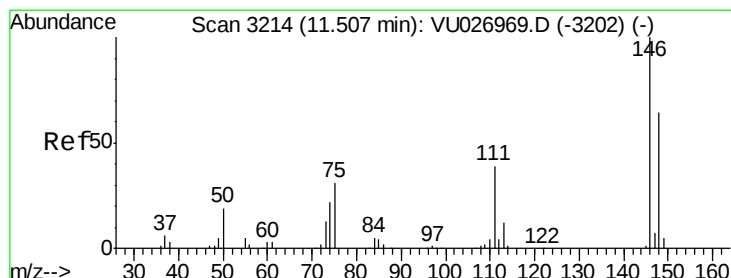
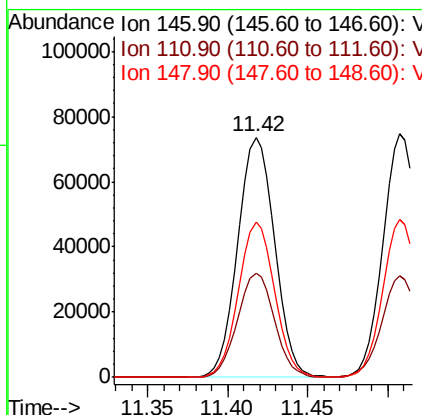
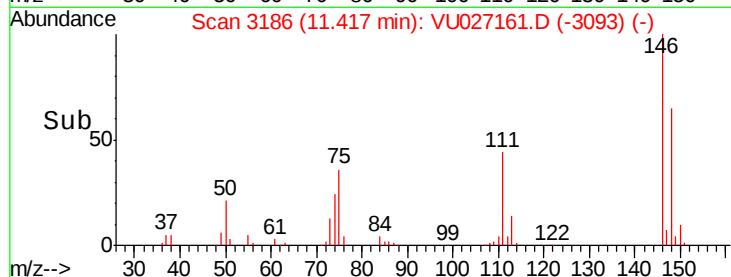
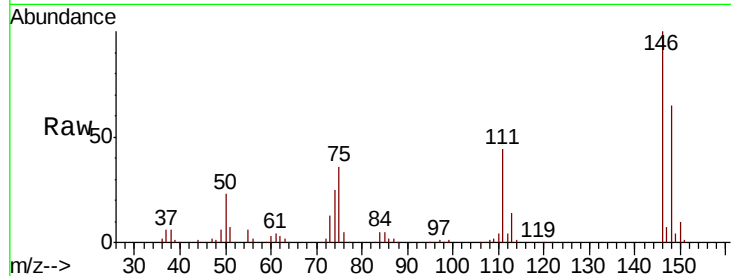




#87
 1,3-Dichlorobenzene
 Concen: 47.314 ug/l
 RT: 11.42 min Scan# 3186
 Delta R.T. 0.00 min
 Lab File: VU027161.D
 Acq: 26 Sep 2018 05:12

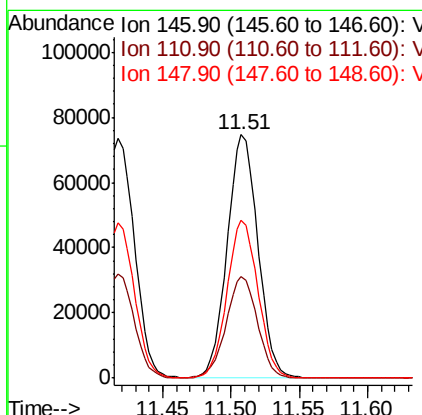
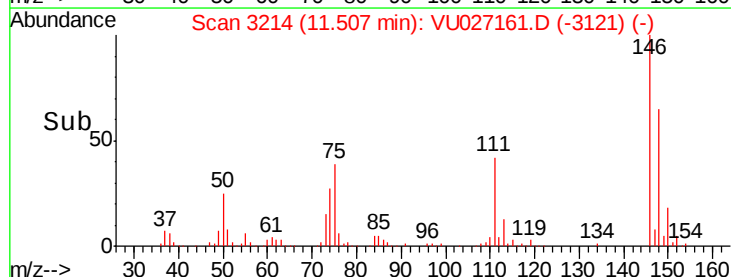
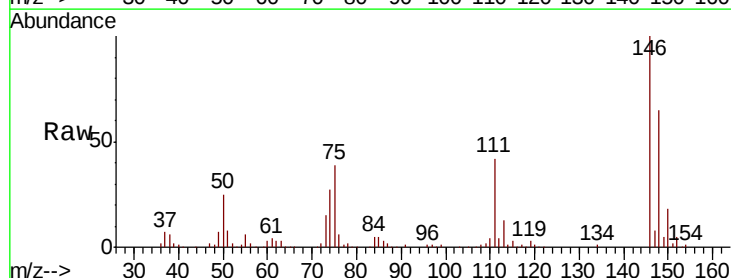
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

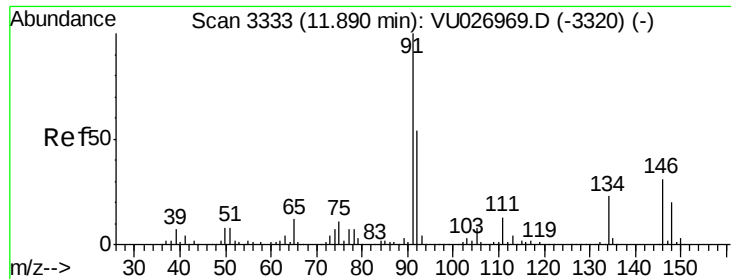
Tot Ion:146 Resp: 115635
 Ion Ratio Lower Upper
 146 100
 111 43.3 20.8 62.2
 148 63.4 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 43.797 ug/l
 RT: 11.51 min Scan# 3214
 Delta R.T. 0.00 min
 Lab File: VU027161.D
 Acq: 26 Sep 2018 05:12

Tgt Ion:146 Resp: 116658
 Ion Ratio Lower Upper
 146 100
 111 42.6 20.3 60.9
 148 65.4 31.9 95.9

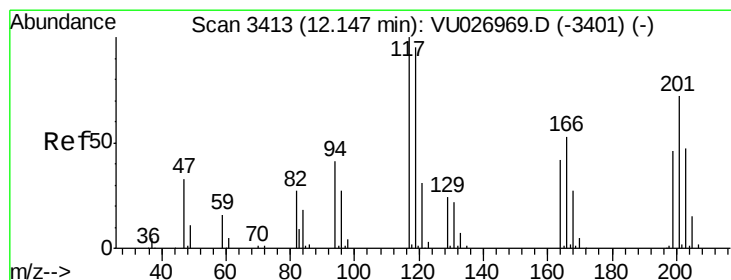
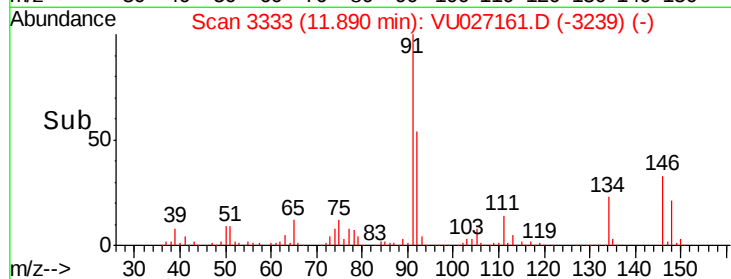
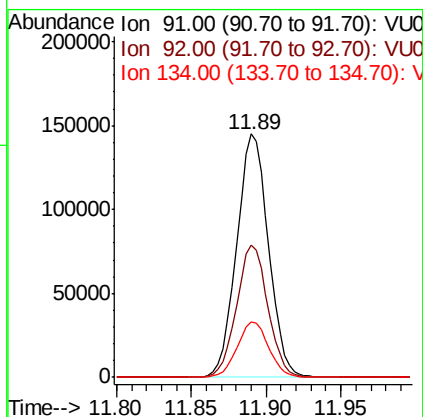
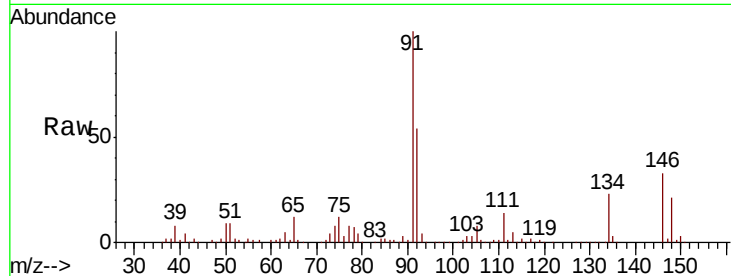




#89
n-Butylbenzene
Concen: 44.261 ug/l
RT: 11.89 min Scan# 3333
Delta R.T. 0.00 min
Lab File: VU027161.D
Acq: 26 Sep 2018 05:12

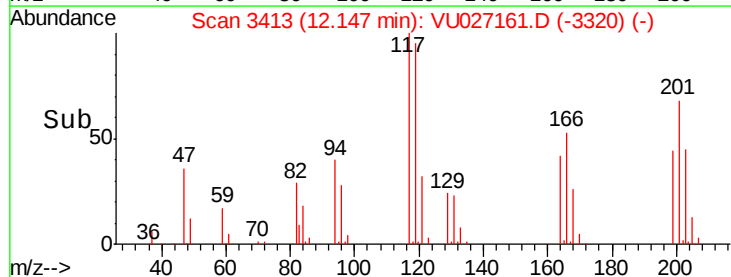
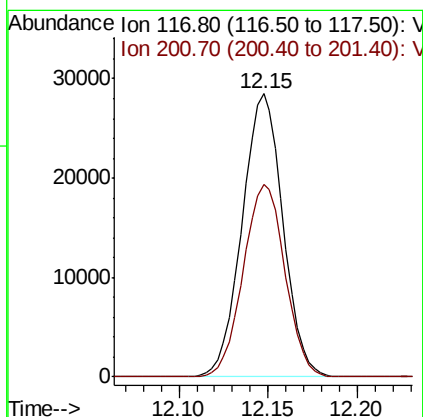
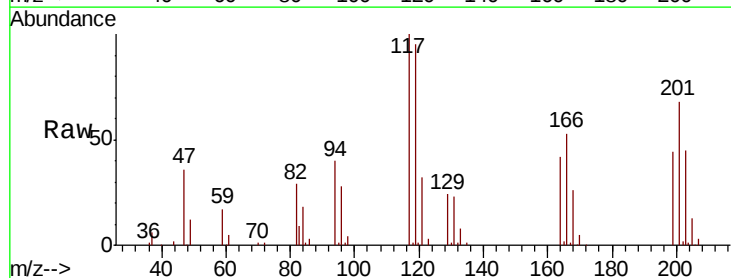
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 214154
Ion Ratio Lower Upper
91 100
92 53.6 27.1 81.2
134 22.5 11.7 35.0



#90
Hexachloroethane
Concen: 46.661 ug/l
RT: 12.15 min Scan# 3413
Delta R.T. 0.00 min
Lab File: VU027161.D
Acq: 26 Sep 2018 05:12

Tgt Ion: 117 Resp: 45431
Ion Ratio Lower Upper
117 100
201 69.5 36.8 110.3





#91

1,2-Dichlorobenzene

Concen: 45.925 ug/l

RT: 11.88 min Scan# 3330

Delta R.T. 0.00 min

Lab File: VU027161.D

Acq: 26 Sep 2018 05:12

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

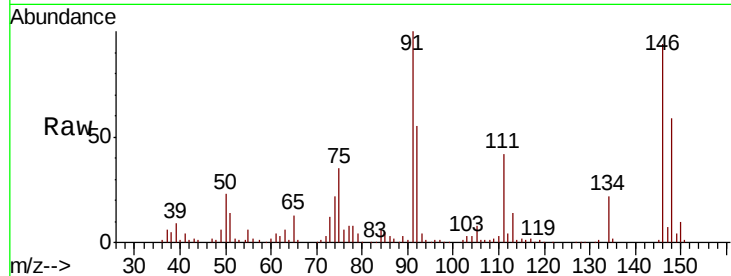
Tot Ion:146 Resp: 119225

Ion Ratio Lower Upper

146 100

111 44.5 21.8 65.3

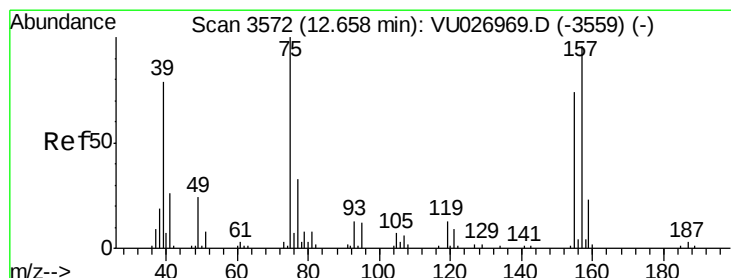
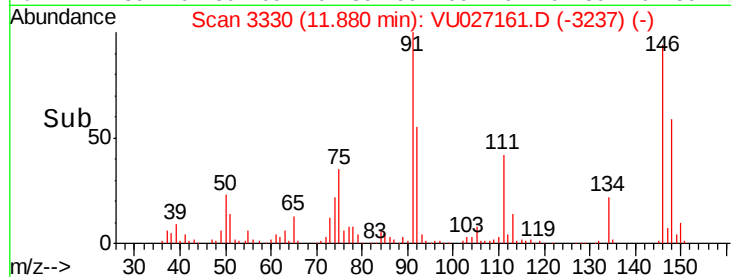
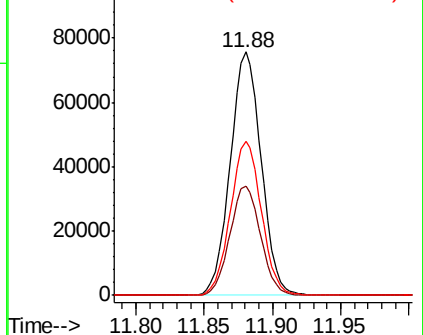
148 63.1 31.9 95.7



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 50.857 ug/l

RT: 12.66 min Scan# 3571

Delta R.T. -0.00 min

Lab File: VU027161.D

Acq: 26 Sep 2018 05:12

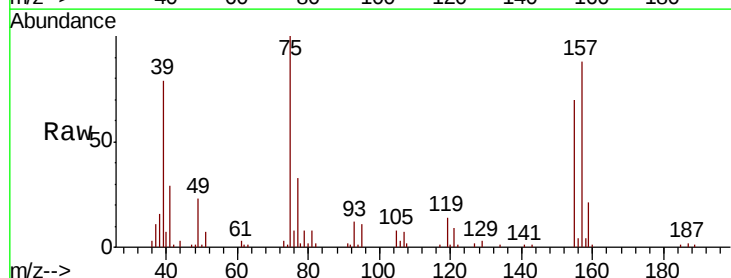
Tgt Ion: 75 Resp: 25637

Ion Ratio Lower Upper

75 100

155 71.0 36.6 109.8

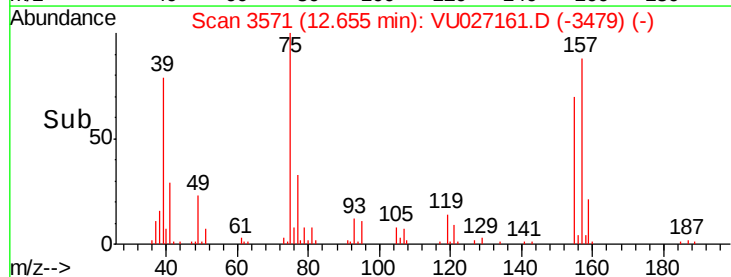
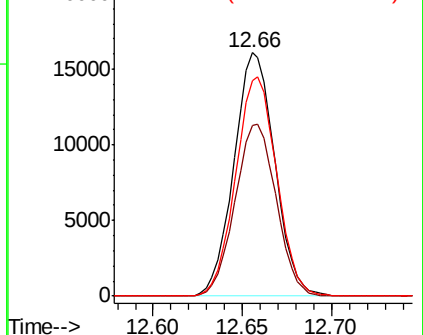
157 90.4 47.4 142.2

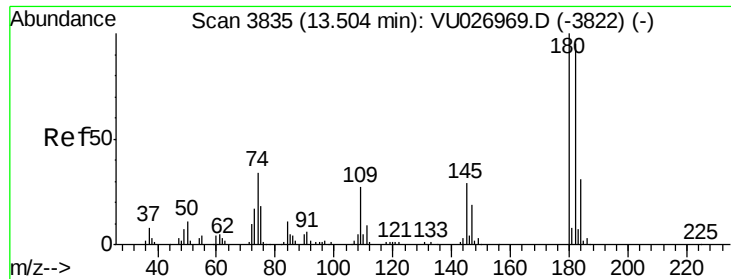


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

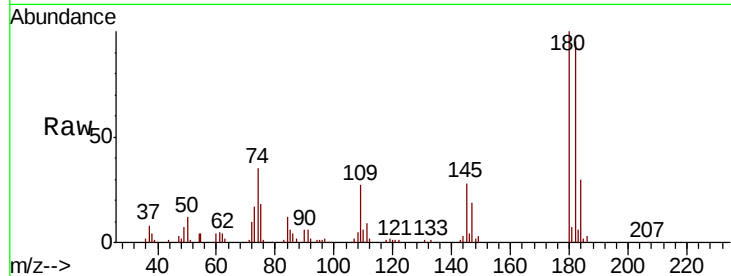




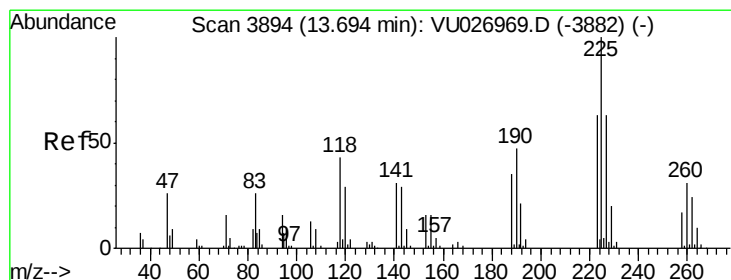
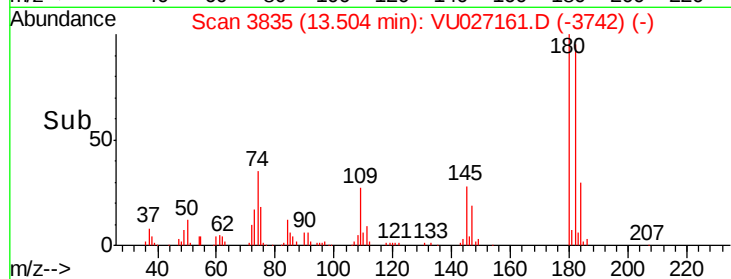
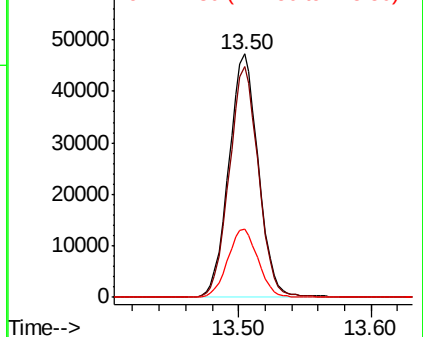
#93
 1,2,4-Trichlorobenzene
 Concen: 48.764 ug/l
 RT: 13.50 min Scan# 3835
 Delta R.T. 0.00 min
 Lab File: VU027161.D
 Acq: 26 Sep 2018 05:12

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:180 Resp: 72953
 Ion Ratio Lower Upper
 180 100
 182 93.7 47.4 142.2
 145 28.8 14.9 44.5

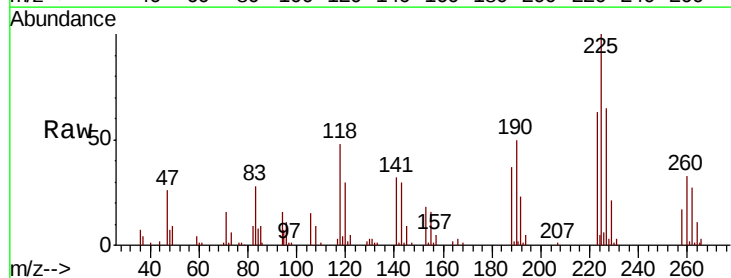


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

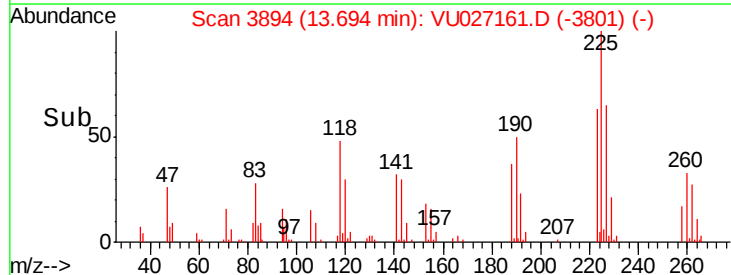
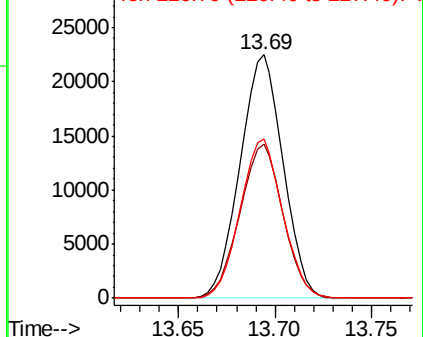


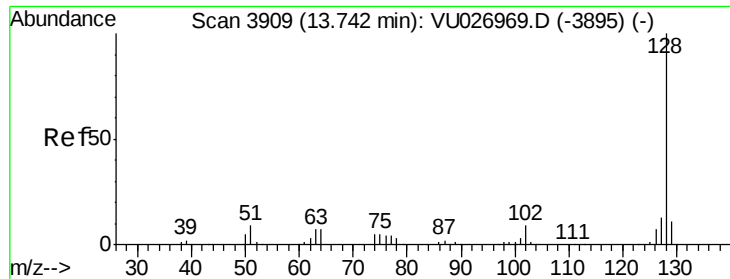
#94
 Hexachlorobutadiene
 Concen: 43.983 ug/l
 RT: 13.69 min Scan# 3894
 Delta R.T. 0.00 min
 Lab File: VU027161.D
 Acq: 26 Sep 2018 05:12

Tgt Ion:225 Resp: 34816
 Ion Ratio Lower Upper
 225 100
 223 63.2 31.9 95.7
 227 64.2 32.1 96.5



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

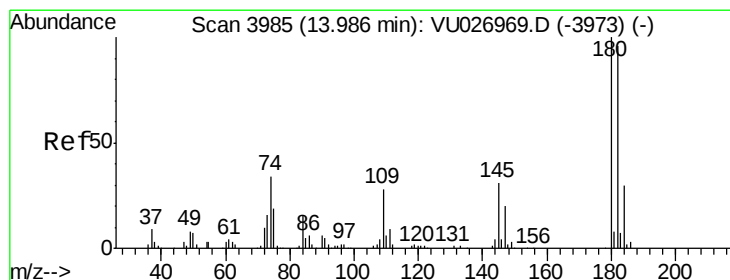
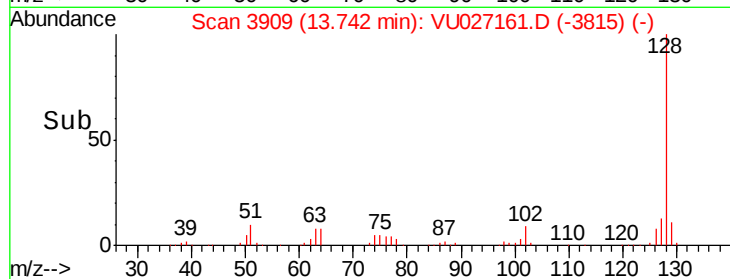
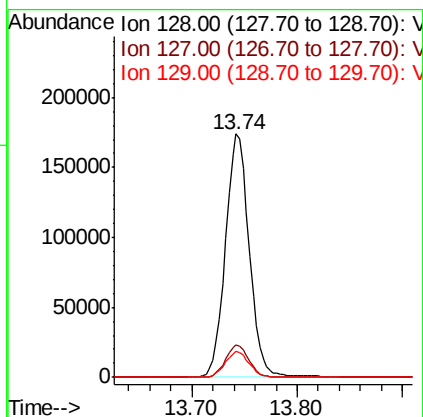
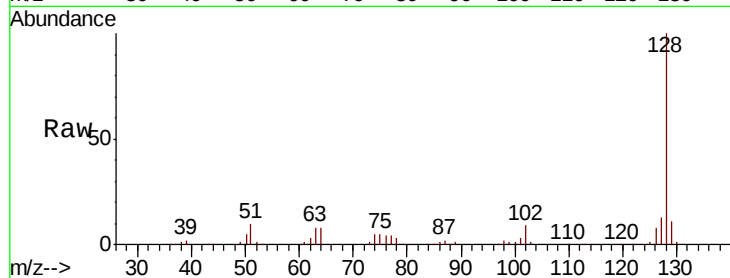




#95
Naphthalene
Concen: 46.553 ug/l
RT: 13.74 min Scan# 3909
Delta R.T. 0.00 min
Lab File: VU027161.D
Acq: 26 Sep 2018 05:12

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 271600
Ion Ratio Lower Upper
128 100
127 13.2 10.6 15.8
129 10.7 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 49.177 ug/l
RT: 13.99 min Scan# 3985
Delta R.T. 0.00 min
Lab File: VU027161.D
Acq: 26 Sep 2018 05:12

Tgt Ion:180 Resp: 78896
Ion Ratio Lower Upper
180 100
182 96.5 47.5 142.5
145 32.2 15.4 46.4

