

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\U100118\
 Data File : VU027315.D
 Acq On : 01 Oct 2018 11:39
 Operator : MD/SY
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC100

Quant Time: Oct 01 23:22:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U100118W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 01 23:17:56 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	121196	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	206088	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	197944	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	101978	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	192307	100.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	200.00%	
35) Dibromofluoromethane	4.88	113	138461	102.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	204.46%	
50) Toluene-d8	7.57	98	543994	102.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	205.84%	
62) 4-Bromofluorobenzene	10.31	95	203728	105.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	210.74%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	191527	109.613	ug/l	99
3) Chloromethane	1.33	50	238053	100.631	ug/l	100
4) Vinyl Chloride	1.40	62	236150	106.196	ug/l	100
5) Bromomethane	1.60	94	97186	101.003	ug/l	99
6) Chloroethane	1.68	64	130085	97.351	ug/l	99
7) Trichlorofluoromethane	1.88	101	231718	102.699	ug/l	99
8) Diethyl Ether	2.10	74	105809	101.802	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.28	101	134849	102.913	ug/l	99
10) Methyl Iodide	2.41	142	122567	128.496	ug/l	99
11) Tert butyl alcohol	2.83	59	211956	497.350	ug/l	99
12) 1,1-Dichloroethene	2.28	96	131007	102.334	ug/l	97
13) Acrolein	2.19	56	173892	486.274	ug/l	99
14) Allyl chloride	2.59	41	314099	103.321	ug/l	99
15) Acrylonitrile	2.94	53	567738	511.841	ug/l	99
16) Acetone	2.32	43	547488	457.935	ug/l	100
17) Carbon Disulfide	2.47	76	467289	101.207	ug/l	100
18) Methyl Acetate	2.61	43	265169	97.225	ug/l	100
19) Methyl tert-butyl Ether	3.00	73	531662	103.648	ug/l	99
20) Methylene Chloride	2.70	84	163537	98.200	ug/l	98
21) trans-1,2-Dichloroethene	2.98	96	148089	103.034	ug/l	97
22) Diisopropyl ether	3.57	45	643511	104.147	ug/l	99
23) Vinyl Acetate	3.52	43	2871119	532.076	ug/l	100
24) 1,1-Dichloroethane	3.44	63	325557	102.491	ug/l	100
25) 2-Butanone	4.26	43	830862	509.627	ug/l	99
26) 2,2-Dichloropropane	4.23	77	260268	99.717	ug/l	99
27) cis-1,2-Dichloroethene	4.22	96	168897	102.757	ug/l	99
28) Bromochloromethane	4.55	49	152639	99.601	ug/l	99
29) Tetrahydrofuran	4.64	42	529195	515.053	ug/l	99
30) Chloroform	4.67	83	287638	101.921	ug/l	100
31) Cyclohexane	5.00	56	320234	86.210	ug/l	99
32) 1,1,1-Trichloroethane	4.92	97	246109	103.544	ug/l	100
36) 1,1-Dichloropropene	5.14	75	229367	102.504	ug/l	99
37) Ethyl Acetate	4.38	43	299794	108.651	ug/l	99
38) Carbon Tetrachloride	5.13	117	209403	103.598	ug/l	97

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U100118W.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	280633	107.287	ug/l	99
40) Benzene	5.39	78	668182	102.513	ug/l	99
41) Methacrylonitrile	4.54	41	170858	104.528	ug/l	99
42) 1,2-Dichloroethane	5.40	62	248837	102.849	ug/l	99
43) Isopropyl Acetate	5.55	43	476181	106.018	ug/l	100
44) Trichloroethene	6.19	130	151008	103.900	ug/l	98
45) 1,2-Dichloropropane	6.43	63	195091	103.771	ug/l	97
46) Dibromomethane	6.56	93	112584	106.031	ug/l	99
47) Bromodichloromethane	6.76	83	230036	104.408	ug/l	100
48) Methyl methacrylate	6.62	41	244864	109.629	ug/l	99
49) 1,4-Dioxane	6.61	88	82986	2159.398	ug/l	99
51) 4-Methyl-2-Pentanone	7.46	43	1565015	536.217	ug/l	99
52) Toluene	7.64	92	406801	105.445	ug/l	99
53) t-1,3-Dichloropropene	7.88	75	283114	109.596	ug/l	100
54) cis-1,3-Dichloropropene	7.27	75	299264	107.763	ug/l	99
55) 1,1,2-Trichloroethane	8.07	97	159544	104.303	ug/l	99
56) Ethyl methacrylate	8.02	69	290957	114.615	ug/l	99
57) 1,3-Dichloropropane	8.24	76	310072	104.422	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.13	63	803331	566.471	ug/l	100
59) 2-Hexanone	8.36	43	1220756	539.192	ug/l	99
60) Dibromochloromethane	8.48	129	166384	108.455	ug/l	100
61) 1,2-Dibromoethane	8.59	107	170205	104.656	ug/l	100
64) Tetrachloroethene	8.23	164	124455	100.999	ug/l	98
65) Chlorobenzene	9.12	112	422746	101.461	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	150389	104.555	ug/l	99
67) Ethyl Benzene	9.25	91	790090	107.029	ug/l	100
68) m/p-Xylenes	9.38	106	581986	215.533	ug/l	100
69) o-Xylene	9.78	106	281723	109.791	ug/l	100
70) Styrene	9.79	104	476720	113.135	ug/l	100
71) Bromoform	9.96	173	124826	107.864	ug/l #	99
73) Isopropylbenzene	10.17	105	769014	103.829	ug/l	100
74) N-amyl acetate	10.02	43	455687	107.471	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	283737	97.564	ug/l	99
76) 1,2,3-Trichloropropane	10.49	75	347323	122.170	ug/l	84
77) Bromobenzene	10.45	156	174528	101.393	ug/l	99
78) n-propylbenzene	10.59	91	940919	105.723	ug/l	100
79) 2-Chlorotoluene	10.66	91	542071	100.876	ug/l	100
80) 1,3,5-Trimethylbenzene	10.77	105	644557	106.891	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.49	75	347323	314.852	ug/l #	100
82) 4-Chlorotoluene	10.77	91	639016	104.790	ug/l	99
83) tert-Butylbenzene	11.10	119	619751	106.314	ug/l	100
84) 1,2,4-Trimethylbenzene	11.15	105	660515	107.233	ug/l	100
85) sec-Butylbenzene	11.32	105	793890	108.087	ug/l	99
86) p-Isopropyltoluene	11.48	119	683999	108.765	ug/l	100
87) 1,3-Dichlorobenzene	11.42	146	329603	101.125	ug/l	100
88) 1,4-Dichlorobenzene	11.51	146	330866	99.339	ug/l	100
89) n-Butylbenzene	11.89	91	672370	114.620	ug/l	100
90) Hexachloroethane	12.15	117	125450	105.830	ug/l	97
91) 1,2-Dichlorobenzene	11.88	146	327538	103.239	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.66	75	66881	103.766	ug/l	98

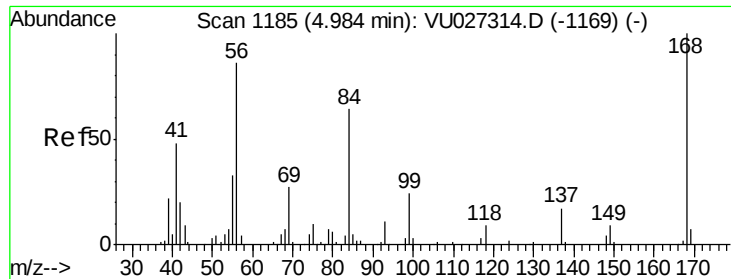
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100118\
Data File : VU027315.D
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Quant Title : SW846 8260
QLast Update : Mon Oct 01 23:17:56 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.50	180	227826	110.979	ug/l	99
94) Hexachlorobutadiene	13.69	225	109118	105.204	ug/l	99
95) Naphthalene	13.74	128	775779	112.717	ug/l	100
96) 1,2,3-Trichlorobenzene	13.99	180	227943	106.578	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.00 min

Lab File: VU027315.D

Acq: 01 Oct 2018 11:39

Instrument :

MSVOA_U

ClientSampleId :

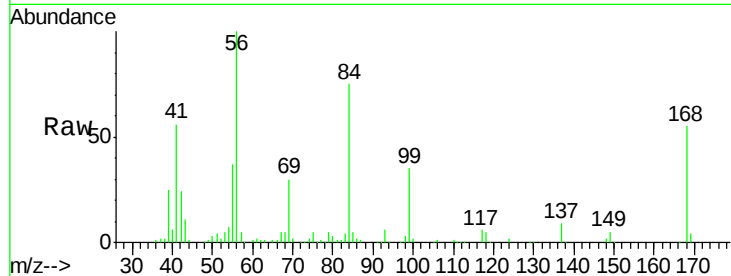
VSTDIC100

Tgt Ion:168 Resp: 121196

Ion Ratio Lower Upper

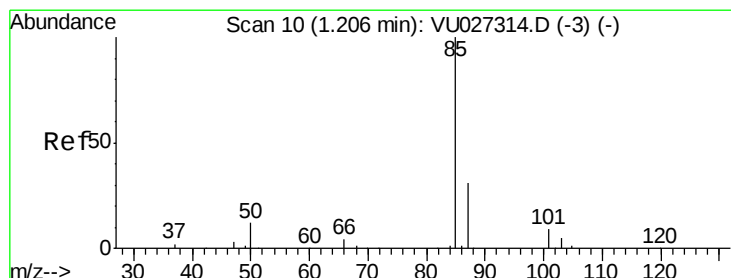
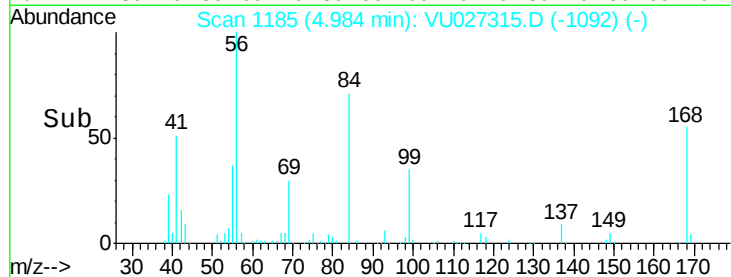
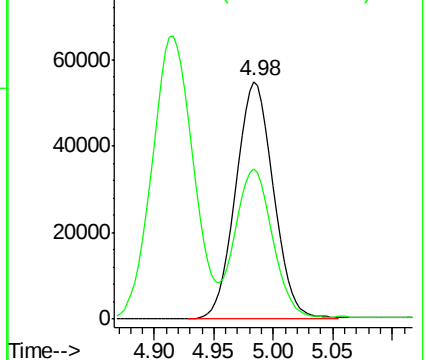
168 100

99 62.2 50.8 76.2



Abundance Ion 167.90 (167.60 to 168.60): VU027314.D (-1169) (-)

Ion 98.90 (98.60 to 99.60): VU027314.D (-1169) (-)



#2

Dichlorodifluoromethane

Concen: 109.613 ug/l

RT: 1.20 min Scan# 9

Delta R.T. -0.00 min

Lab File: VU027315.D

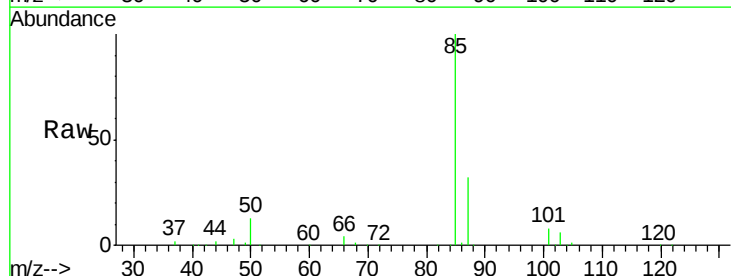
Acq: 01 Oct 2018 11:39

Tgt Ion: 85 Resp: 191527

Ion Ratio Lower Upper

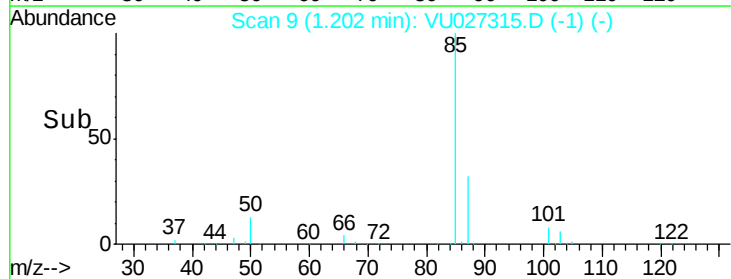
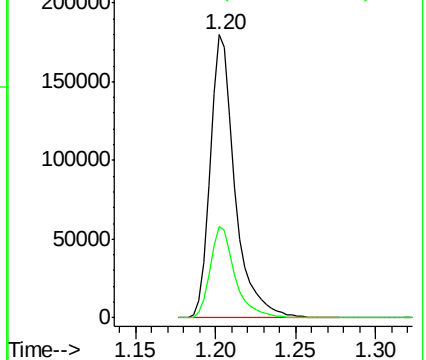
85 100

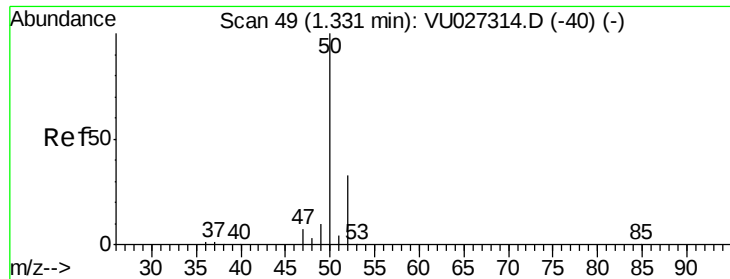
87 32.2 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VU027315.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VU027315.D (-1) (-)





#3

Chloromethane

Concen: 100.631 ug/l

RT: 1.33 min Scan# 48

Delta R.T. -0.00 min

Lab File: VU027315.D

Acq: 01 Oct 2018 11:39

Instrument :

MSVOA_U

ClientSampleId :

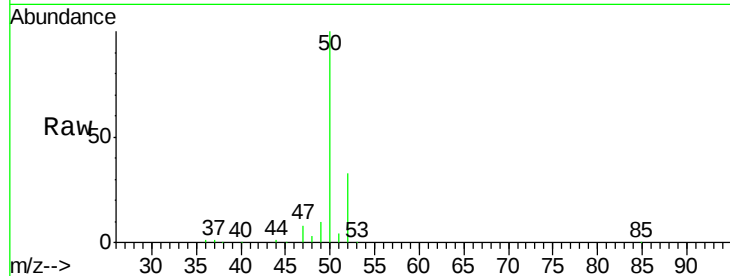
VSTDIC100

Tgt Ion: 50 Resp: 238053

Ion Ratio Lower Upper

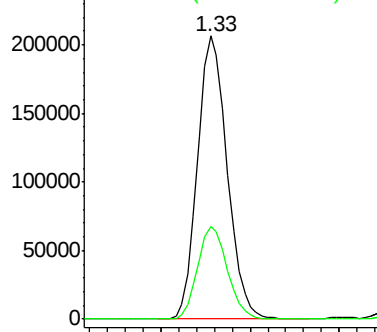
50 100

52 32.9 26.5 39.7

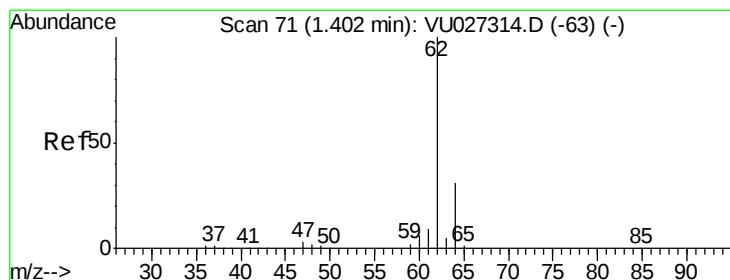
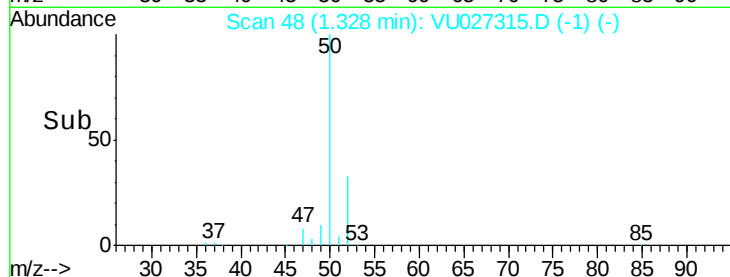


Abundance Ion 49.90 (49.60 to 50.60): VU0

Ion 51.90 (51.60 to 52.60): VU0



Time-->



#4

Vinyl Chloride

Concen: 106.196 ug/l

RT: 1.40 min Scan# 71

Delta R.T. -0.00 min

Lab File: VU027315.D

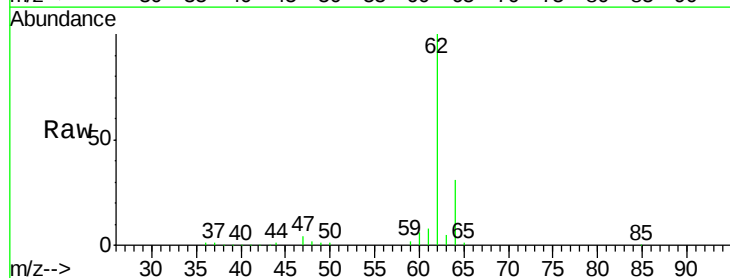
Acq: 01 Oct 2018 11:39

Tgt Ion: 62 Resp: 236150

Ion Ratio Lower Upper

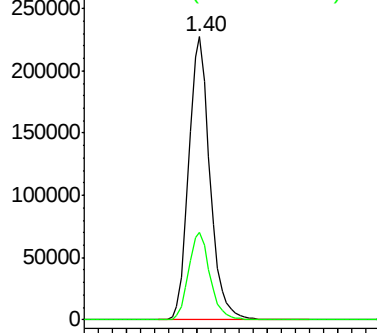
62 100

64 31.1 24.9 37.3

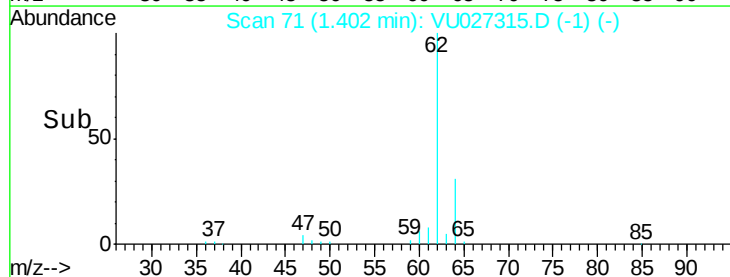


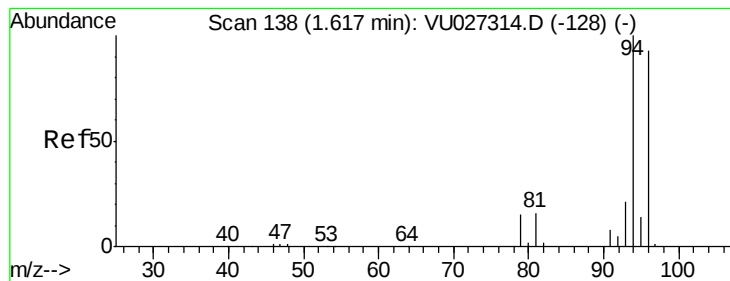
Abundance Ion 61.90 (61.60 to 62.60): VU0

Ion 63.90 (63.60 to 64.60): VU0



Time-->





#5

Bromomethane

Concen: 101.003 ug/l

RT: 1.60 min Scan# 134

Delta R.T. -0.01 min

Lab File: VU027315.D

Acq: 01 Oct 2018 11:39

Instrument :

MSVOA_U

ClientSampleId :

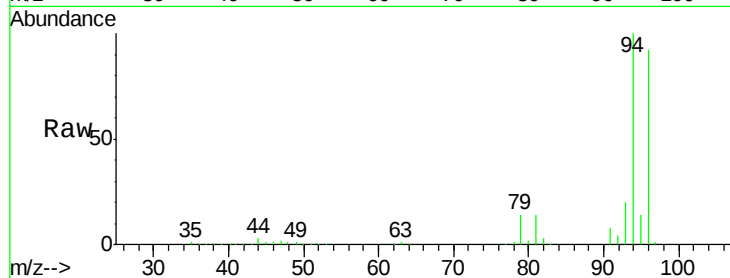
VSTDIC100

Tgt Ion: 94 Resp: 97186

Ion Ratio Lower Upper

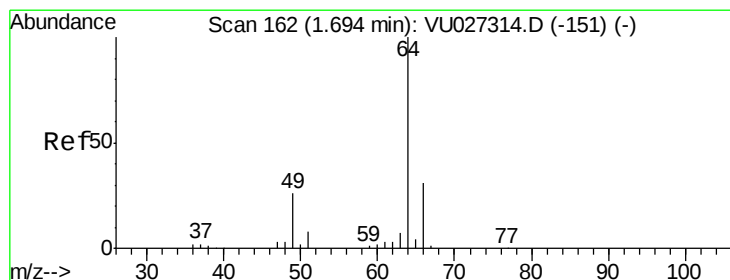
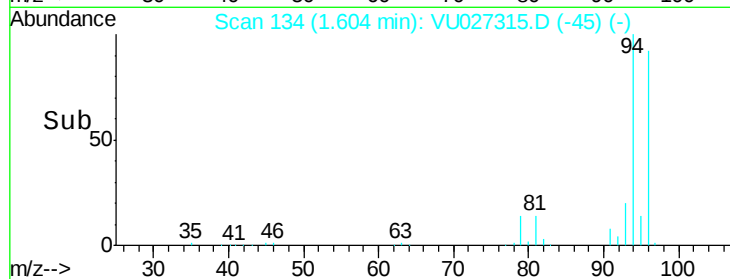
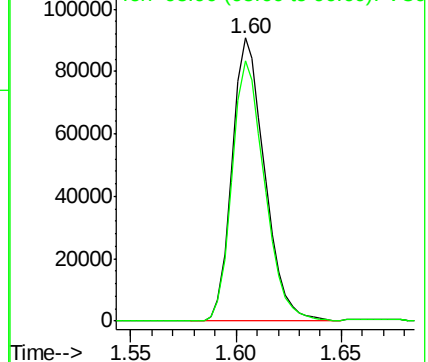
94 100

96 92.1 74.6 111.8



Abundance Ion 93.90 (93.60 to 94.60): VU0

Ion 95.90 (95.60 to 96.60): VU0



#6

Chloroethane

Concen: 97.351 ug/l

RT: 1.68 min Scan# 159

Delta R.T. -0.01 min

Lab File: VU027315.D

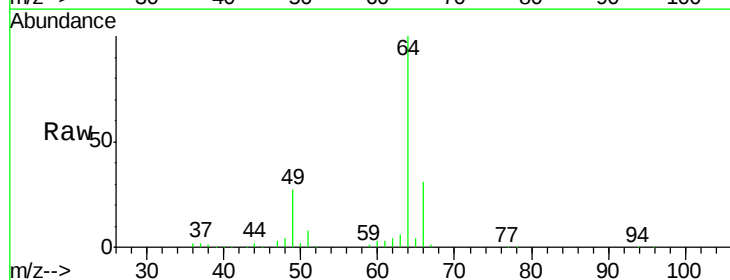
Acq: 01 Oct 2018 11:39

Tgt Ion: 64 Resp: 130085

Ion Ratio Lower Upper

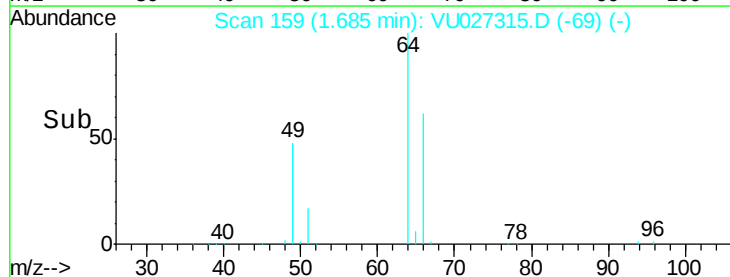
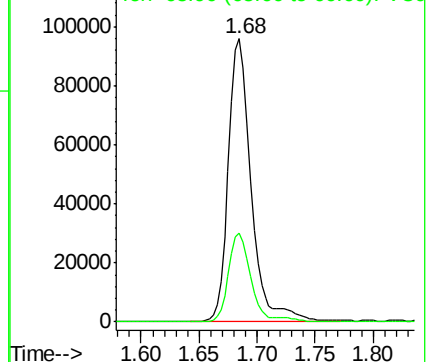
64 100

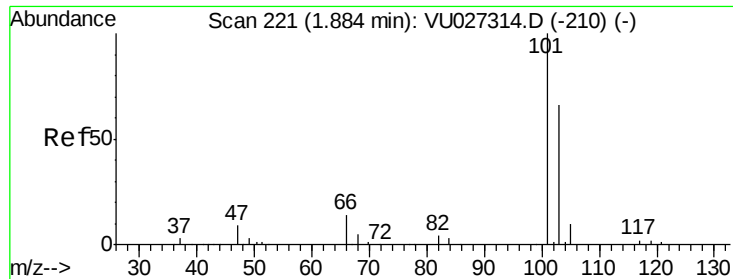
66 31.4 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VU0

Ion 65.90 (65.60 to 66.60): VU0



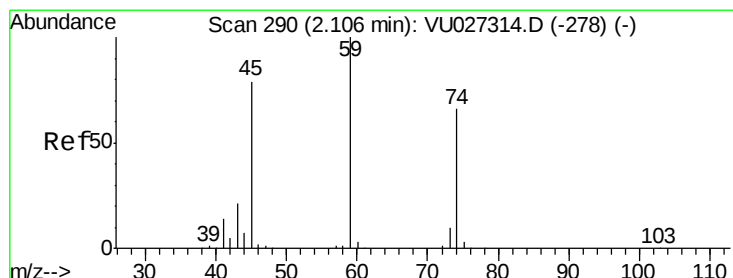
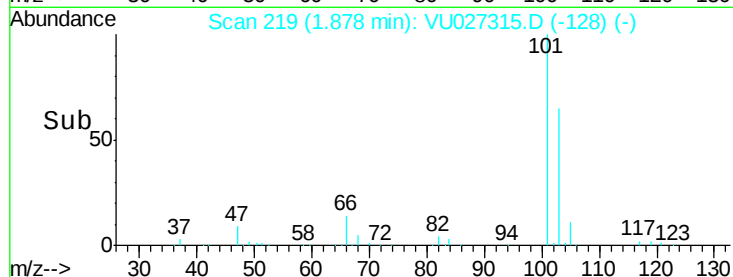
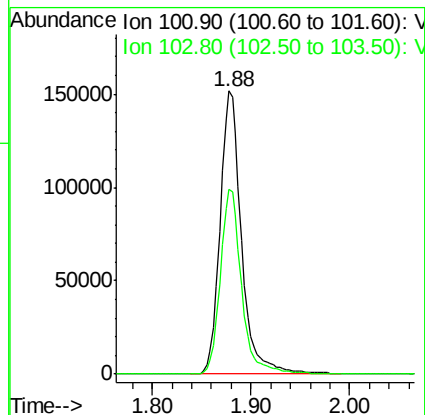
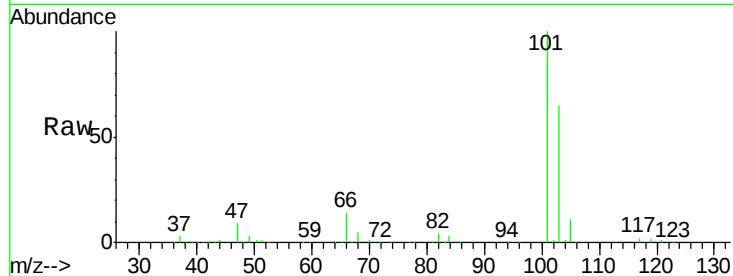


#7

Trichlorofluoromethane
Concen: 102.699 ug/l
RT: 1.88 min Scan# 219
Delta R.T. -0.01 min
Lab File: VU027315.D
Acq: 01 Oct 2018 11:39

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100

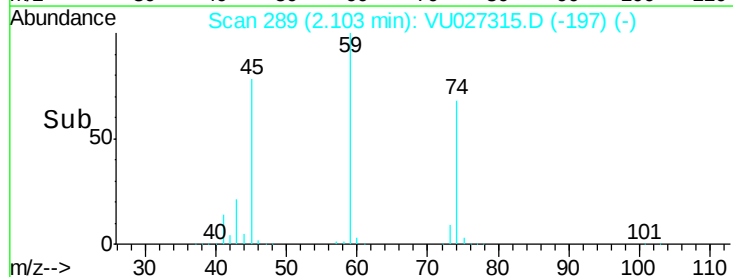
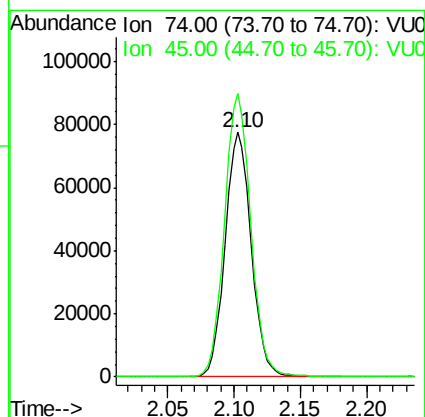
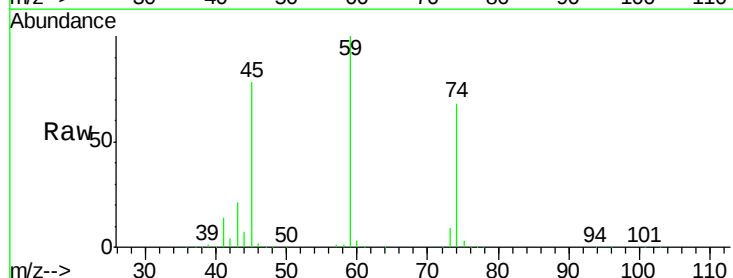
Tgt Ion: 101 Resp: 231718
Ion Ratio Lower Upper
101 100
103 65.2 52.6 78.8

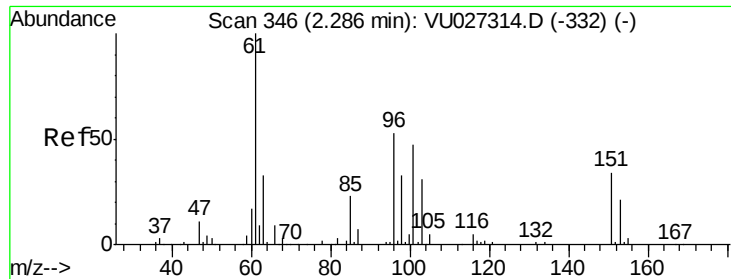


#8

Diethyl Ether
Concen: 101.802 ug/l
RT: 2.10 min Scan# 289
Delta R.T. -0.00 min
Lab File: VU027315.D
Acq: 01 Oct 2018 11:39

Tgt Ion: 74 Resp: 105809
Ion Ratio Lower Upper
74 100
45 116.4 60.4 181.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 102.913 ug/l

RT: 2.28 min Scan# 345

Delta R.T. -0.00 min

Lab File: VU027315.D

Acq: 01 Oct 2018 11:39

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC100

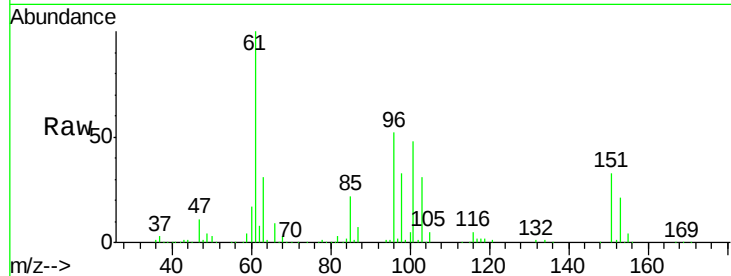
Tgt Ion:101 Resp: 134849

Ion Ratio Lower Upper

101 100

85 46.5 37.5 56.3

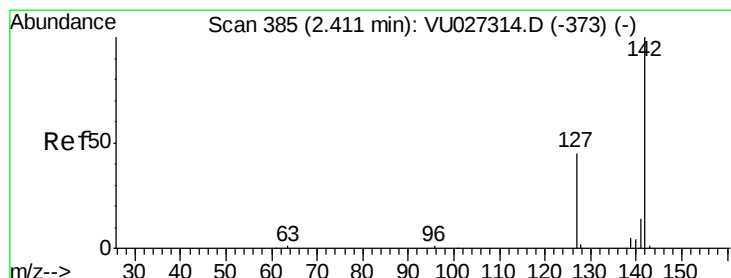
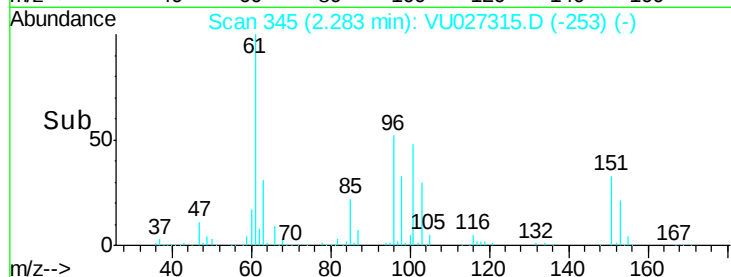
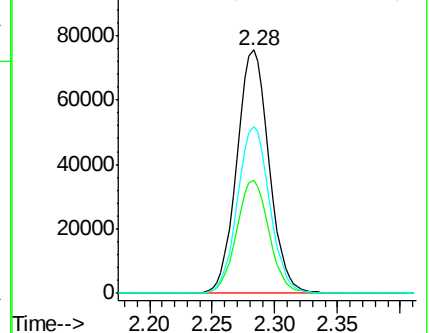
151 68.8 55.6 83.4



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: 128.496 ug/l

RT: 2.41 min Scan# 384

Delta R.T. -0.00 min

Lab File: VU027315.D

Acq: 01 Oct 2018 11:39

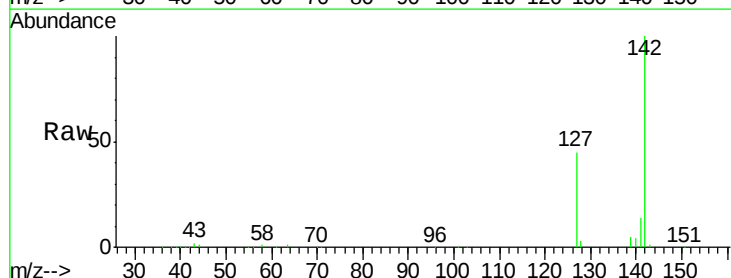
Tgt Ion:142 Resp: 122567

Ion Ratio Lower Upper

142 100

127 45.8 36.3 54.5

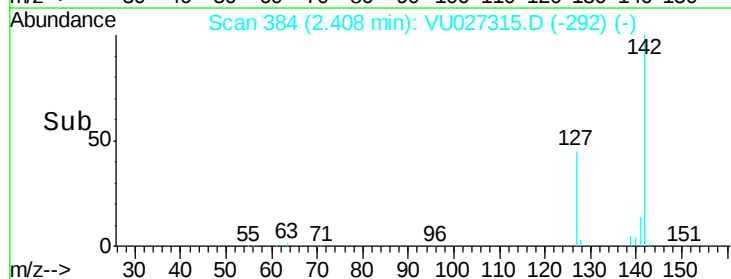
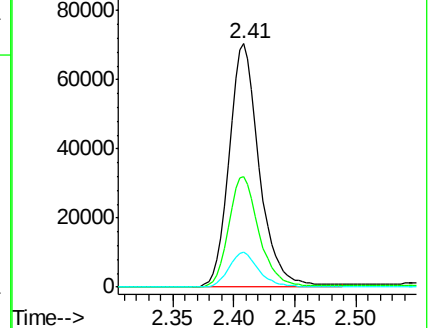
141 14.3 11.6 17.4

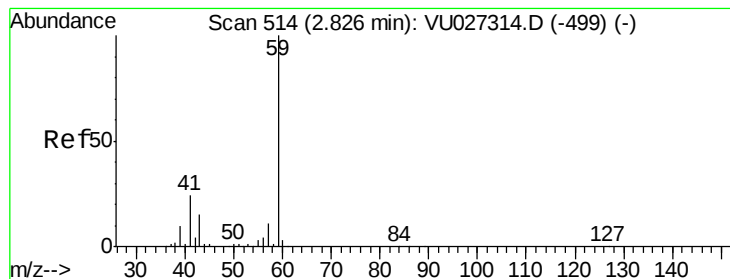


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



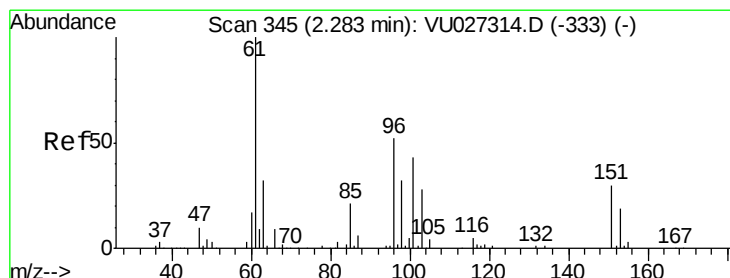
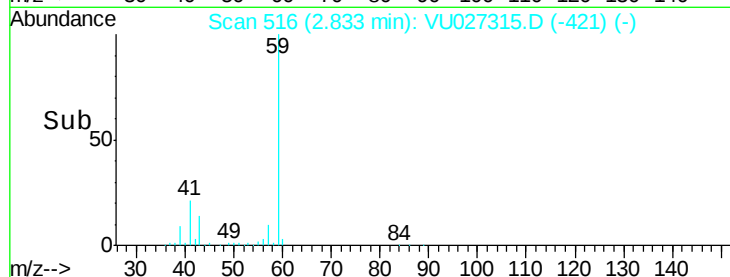
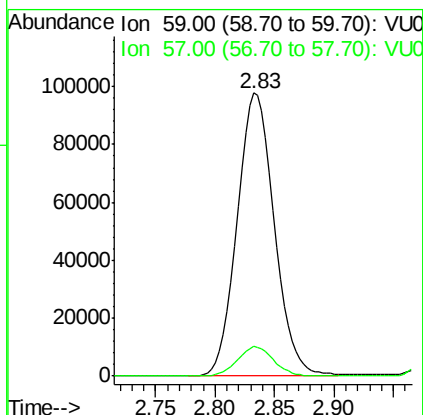
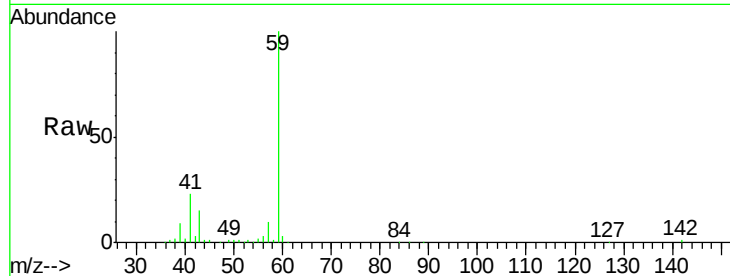


#11

Tert butyl alcohol
 Concen: 497.350 ug/l
 RT: 2.83 min Scan# 516
 Delta R.T. 0.01 min
 Lab File: VU027315.D
 Acq: 01 Oct 2018 11:39

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC100

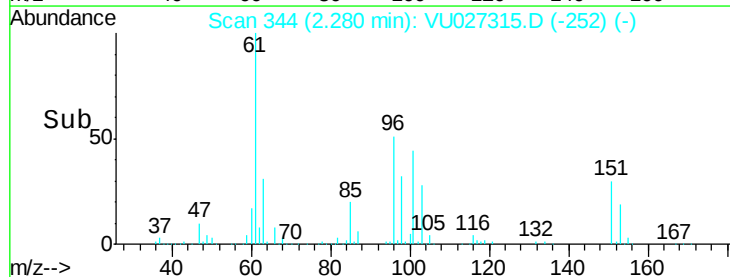
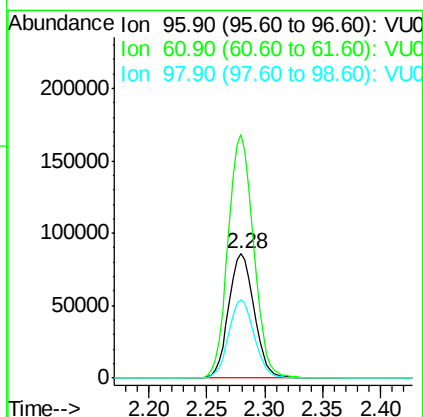
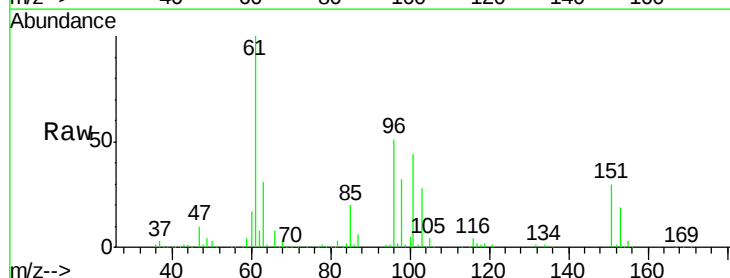
Tgt Ion: 59 Resp: 211956
 Ion Ratio Lower Upper
 59 100
 57 10.2 8.4 12.6

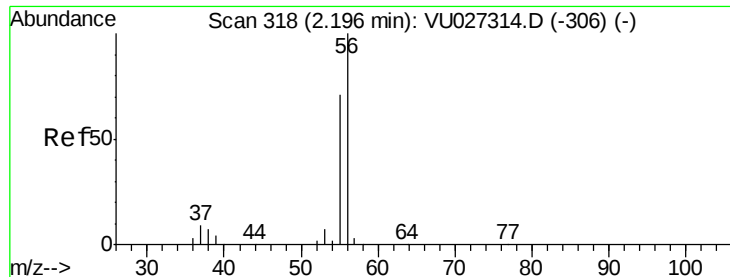


#12

1,1-Dichloroethene
 Concen: 102.334 ug/l
 RT: 2.28 min Scan# 344
 Delta R.T. -0.00 min
 Lab File: VU027315.D
 Acq: 01 Oct 2018 11:39

Tgt Ion: 96 Resp: 131007
 Ion Ratio Lower Upper
 96 100
 61 195.5 153.0 229.6
 98 63.1 49.3 73.9

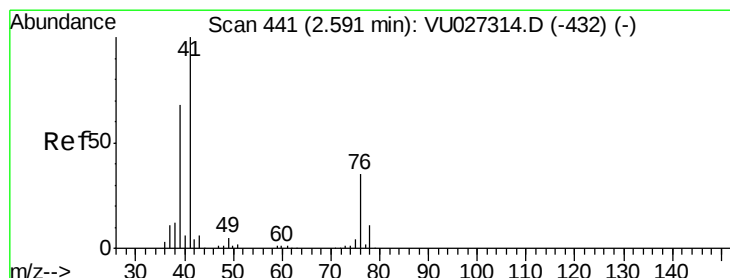
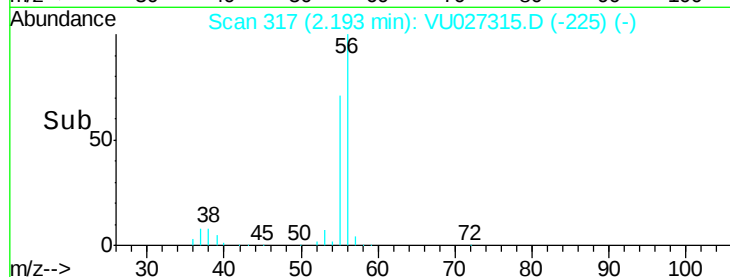
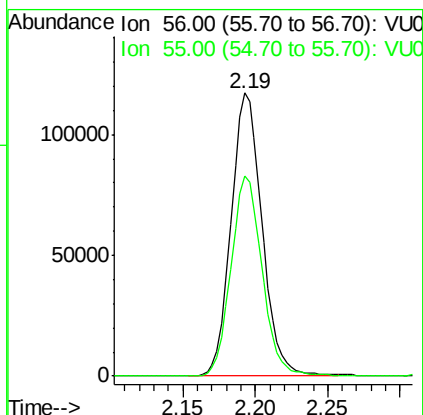
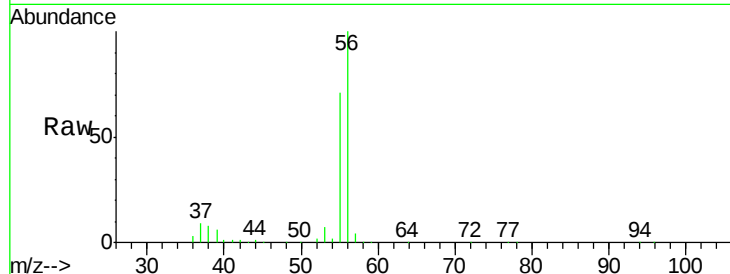




#13
Acrolein
Concen: 486.274 ug/l
RT: 2.19 min Scan# 317
Delta R.T. -0.00 min
Lab File: VU027315.D
Acq: 01 Oct 2018 11:39

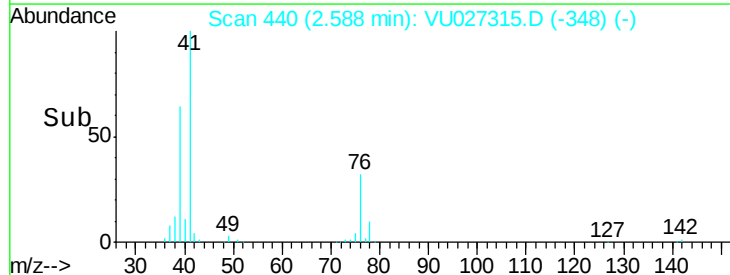
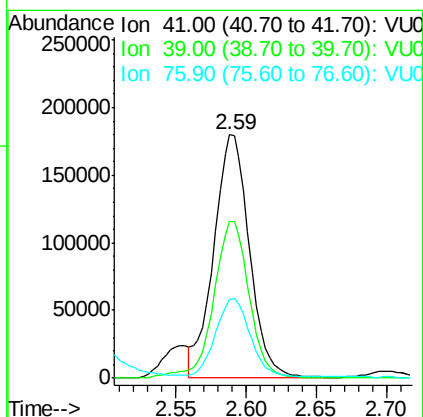
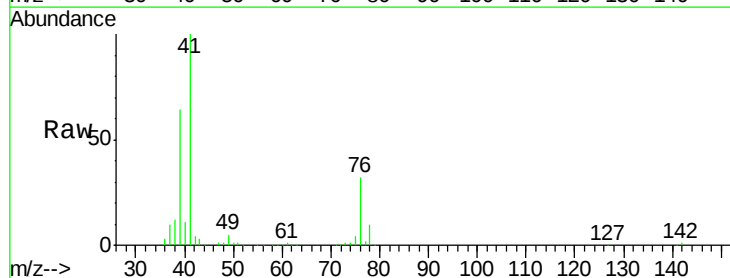
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100

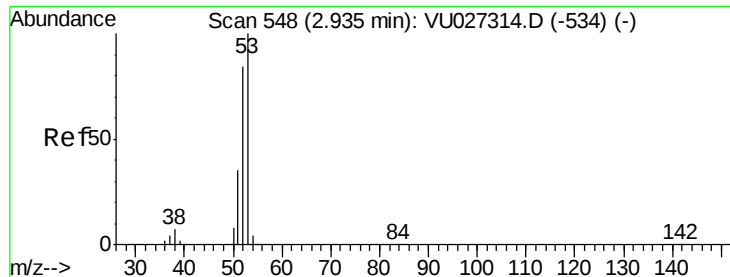
Tgt Ion: 56 Resp: 173892
Ion Ratio Lower Upper
56 100
55 71.1 57.7 86.5



#14
Allyl chloride
Concen: 103.321 ug/l
RT: 2.59 min Scan# 440
Delta R.T. -0.00 min
Lab File: VU027315.D
Acq: 01 Oct 2018 11:39

Tgt Ion: 41 Resp: 314099
Ion Ratio Lower Upper
41 100
39 64.4 51.8 77.8
76 31.7 25.9 38.9





#15

Acrylonitrile

Concen: 511.841 ug/l

RT: 2.94 min Scan# 548

Delta R.T. -0.00 min

Lab File: VU027315.D

Acq: 01 Oct 2018 11:39

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC100

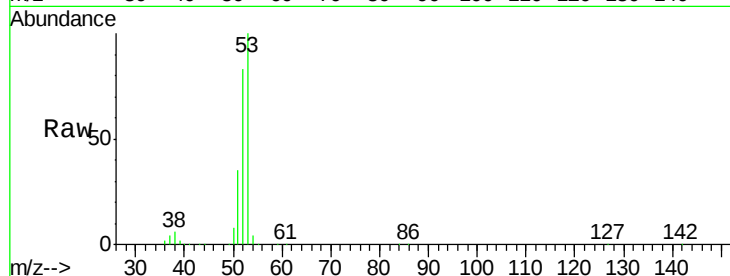
Tgt Ion: 53 Resp: 567738

Ion Ratio Lower Upper

53 100

52 82.2 66.5 99.7

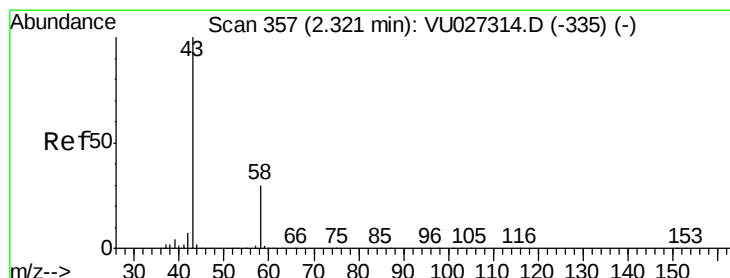
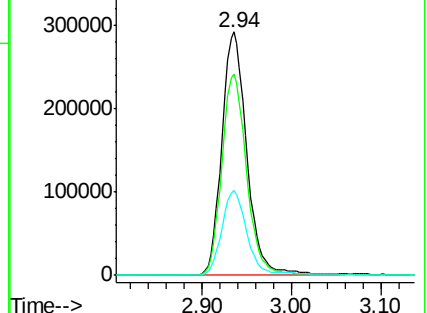
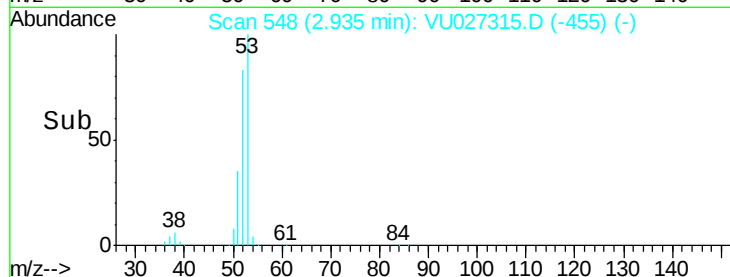
51 35.0 27.6 41.4



Abundance Ion 53.00 (52.70 to 53.70): VU027315.D (-264) (-)

Ion 52.00 (51.70 to 52.70): VU027315.D (-264) (-)

Ion 51.00 (50.70 to 51.70): VU027315.D (-264) (-)



#16

Acetone

Concen: 457.935 ug/l

RT: 2.32 min Scan# 357

Delta R.T. 0.00 min

Lab File: VU027315.D

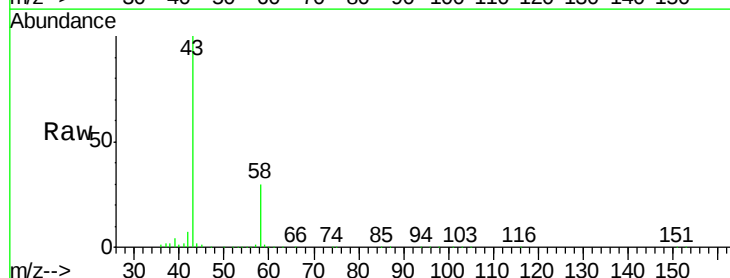
Acq: 01 Oct 2018 11:39

Tgt Ion: 43 Resp: 547488

Ion Ratio Lower Upper

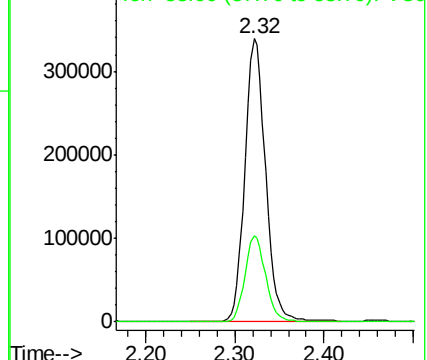
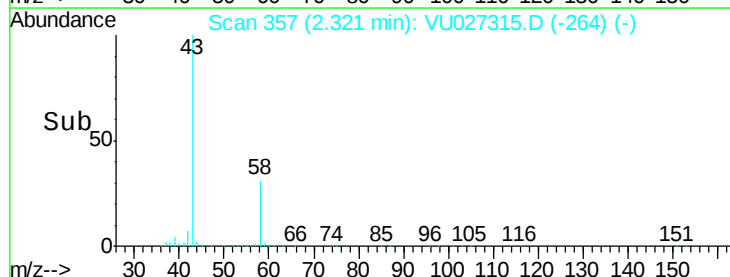
43 100

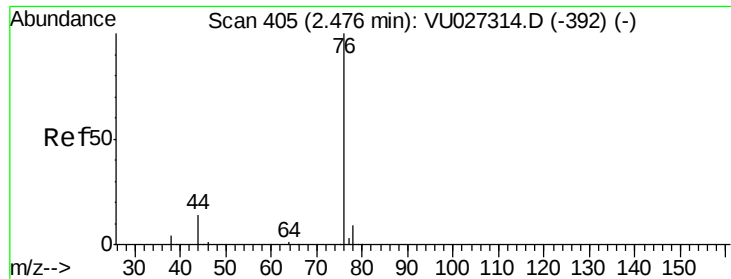
58 30.5 24.2 36.4



Abundance Ion 43.00 (42.70 to 43.70): VU027315.D (-264) (-)

Ion 58.00 (57.70 to 58.70): VU027315.D (-264) (-)





#17

Carbon Disulfide

Concen: 101.207 ug/l

RT: 2.47 min Scan# 404

Delta R.T. -0.00 min

Lab File: VU027315.D

Acq: 01 Oct 2018 11:39

Instrument :

MSVOA_U

ClientSampleId :

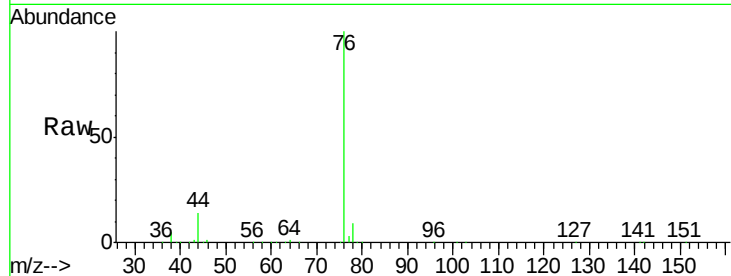
VSTDIC100

Tgt Ion: 76 Resp: 467289

Ion Ratio Lower Upper

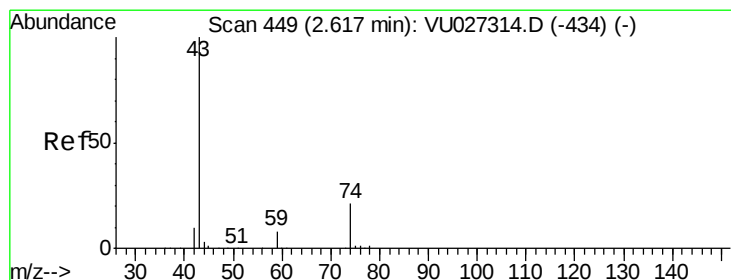
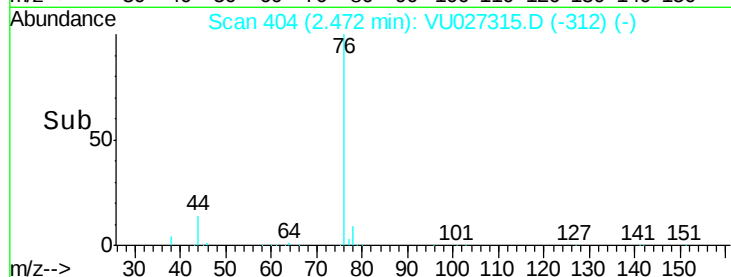
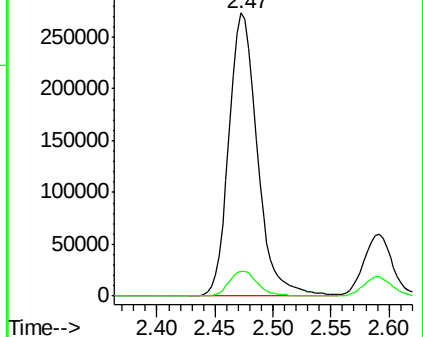
76 100

78 9.0 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VU027315.D (-312) (-)

Ion 77.90 (77.60 to 78.60): VU027315.D (-312) (-)



#18

Methyl Acetate

Concen: 97.225 ug/l

RT: 2.61 min Scan# 448

Delta R.T. -0.00 min

Lab File: VU027315.D

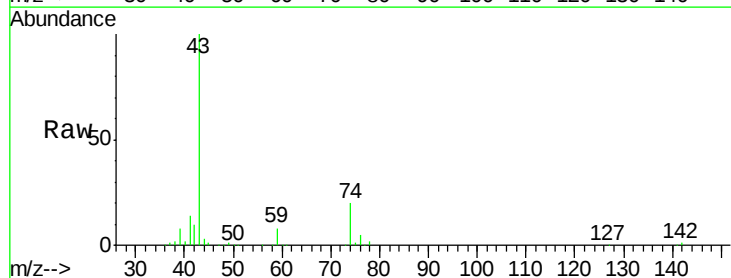
Acq: 01 Oct 2018 11:39

Tgt Ion: 43 Resp: 265169

Ion Ratio Lower Upper

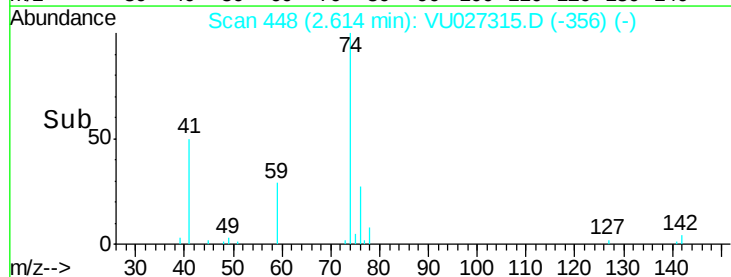
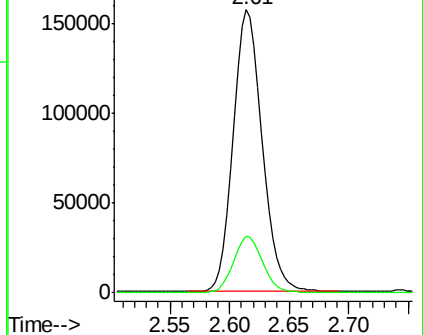
43 100

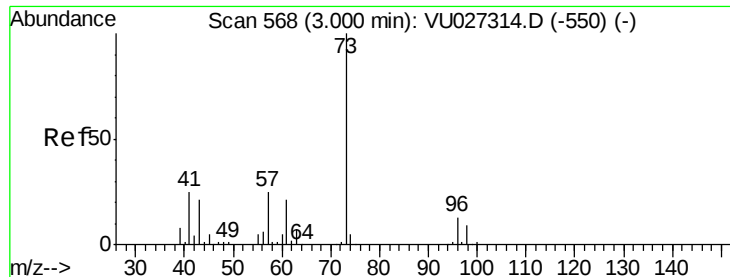
74 20.5 16.5 24.7



Abundance Ion 43.00 (42.70 to 43.70): VU027315.D (-356) (-)

Ion 74.00 (73.70 to 74.70): VU027315.D (-356) (-)



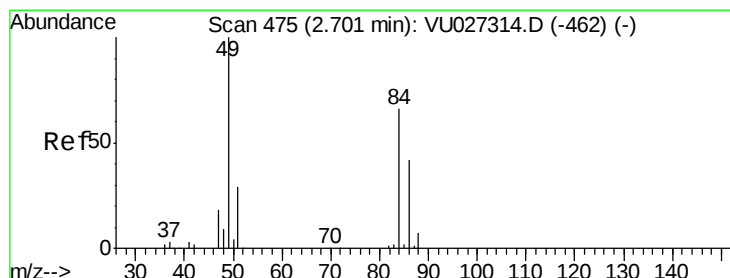
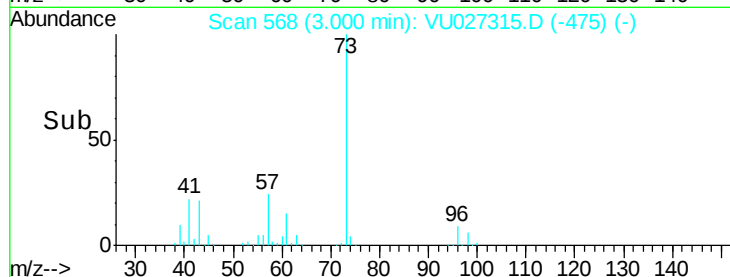
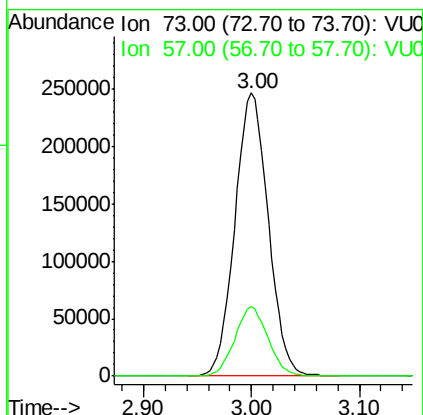
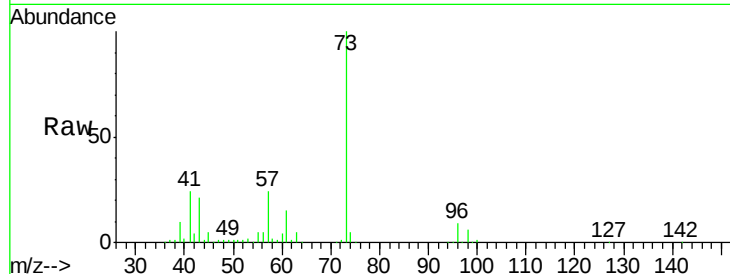


#19

Methyl tert-butyl Ether
Concen: 103.648 ug/l
RT: 3.00 min Scan# 568
Delta R.T. 0.00 min
Lab File: VU027315.D
Acq: 01 Oct 2018 11:39

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100

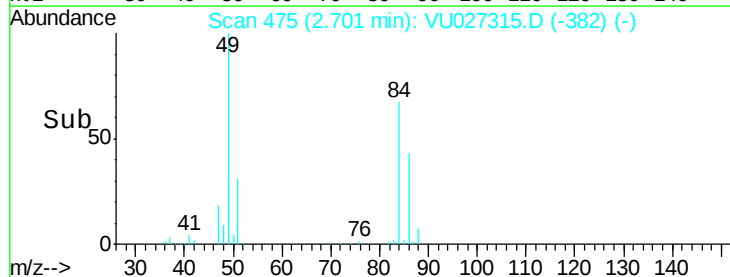
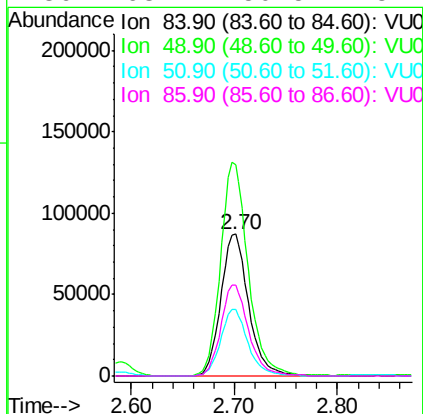
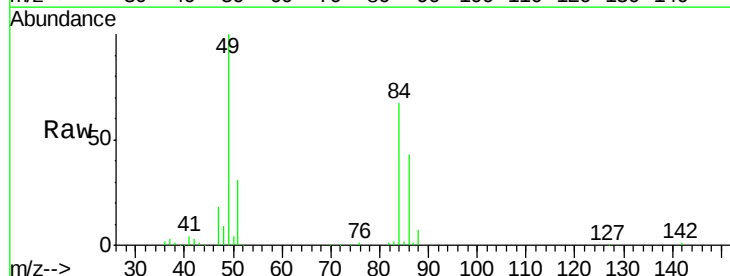
Tgt Ion: 73 Resp: 531662
Ion Ratio Lower Upper
73 100
57 24.5 20.0 30.0

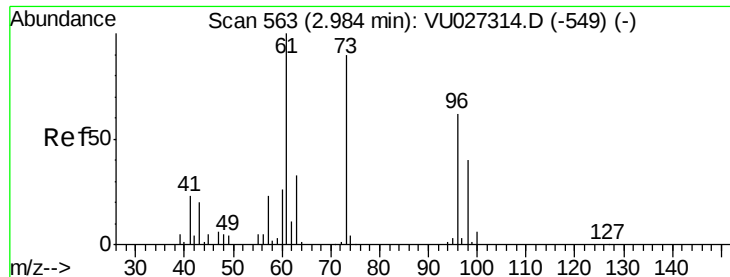


#20

Methylene Chloride
Concen: 98.200 ug/l
RT: 2.70 min Scan# 475
Delta R.T. -0.00 min
Lab File: VU027315.D
Acq: 01 Oct 2018 11:39

Tgt Ion: 84 Resp: 163537
Ion Ratio Lower Upper
84 100
49 149.3 120.5 180.7
51 46.7 35.1 52.7
86 63.7 50.5 75.7





#21

trans-1,2-Dichloroethene

Concen: 103.034 ug/l

RT: 2.98 min Scan# 562

Delta R.T. -0.00 min

Lab File: VU027315.D

Acq: 01 Oct 2018 11:39

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC100

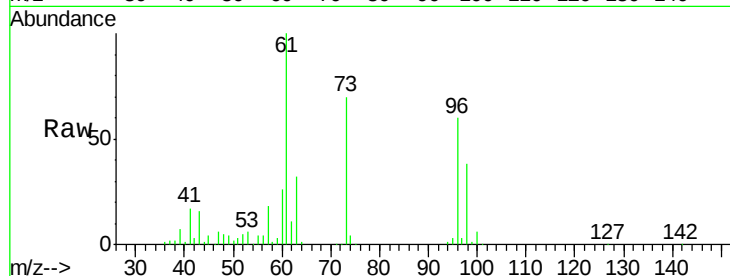
Tgt Ion: 96 Resp: 148089

Ion Ratio Lower Upper

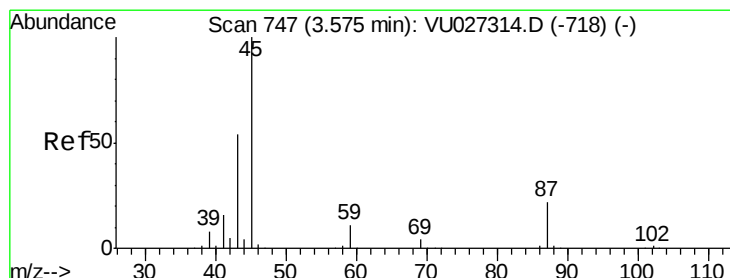
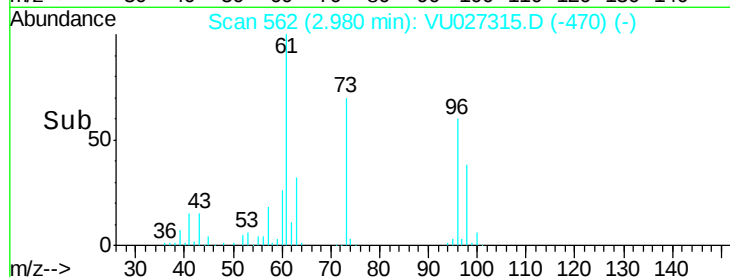
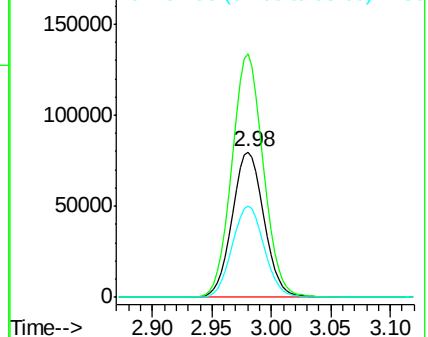
96 100

61 167.3 129.4 194.2

98 62.9 51.2 76.8



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



#22

Diisopropyl ether

Concen: 104.147 ug/l

RT: 3.57 min Scan# 746

Delta R.T. -0.00 min

Lab File: VU027315.D

Acq: 01 Oct 2018 11:39

Tgt Ion: 45 Resp: 643511

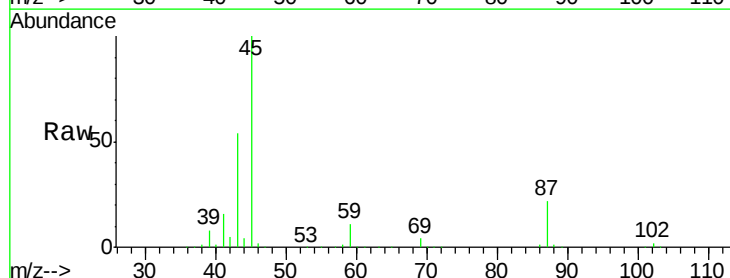
Ion Ratio Lower Upper

45 100

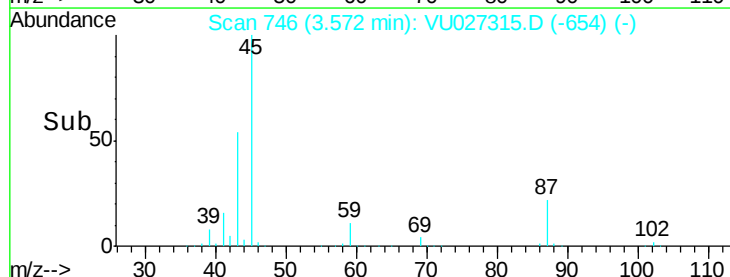
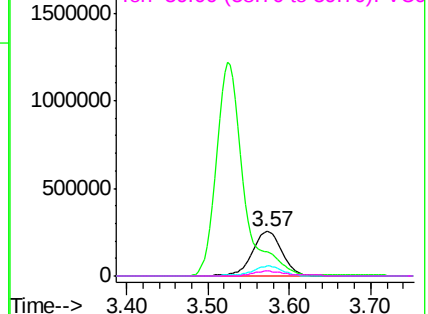
43 53.8 43.4 65.2

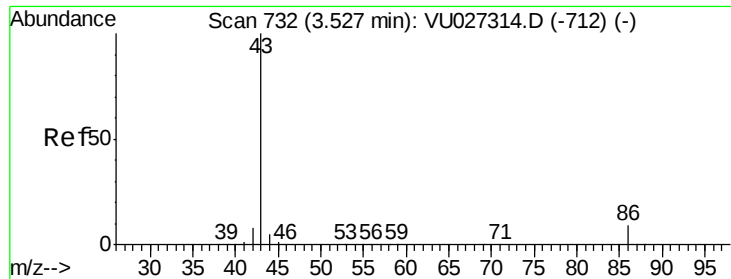
87 22.1 17.5 26.3

59 10.5 8.6 13.0



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

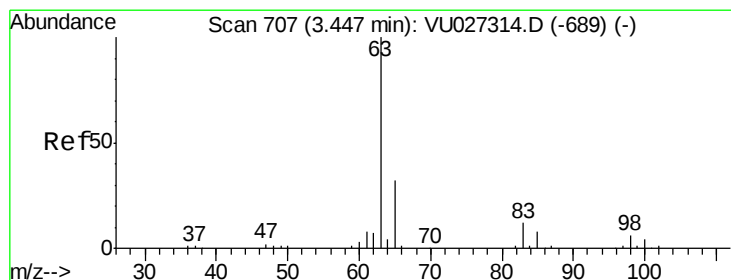
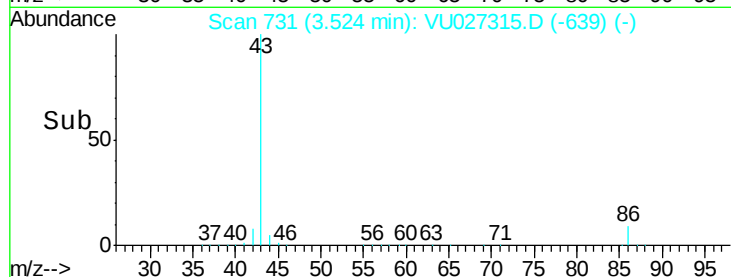
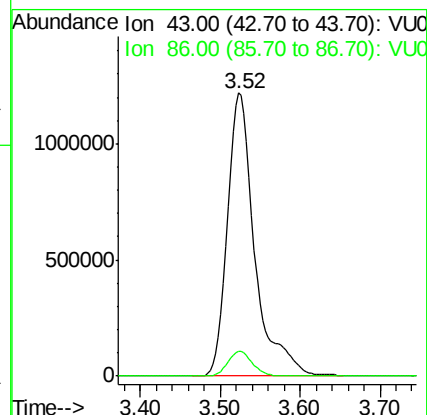
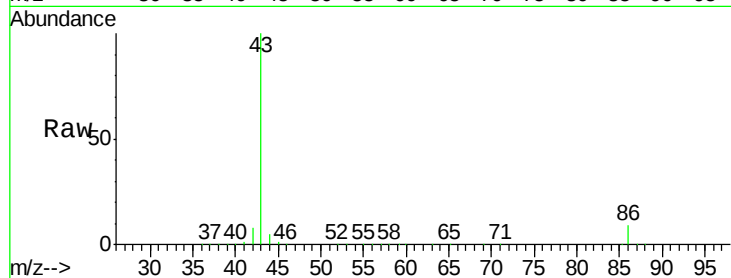




#23
 Vinyl Acetate
 Concen: 532.076 ug/l
 RT: 3.52 min Scan# 731
 Delta R.T. -0.00 min
 Lab File: VU027315.D
 Acq: 01 Oct 2018 11:39

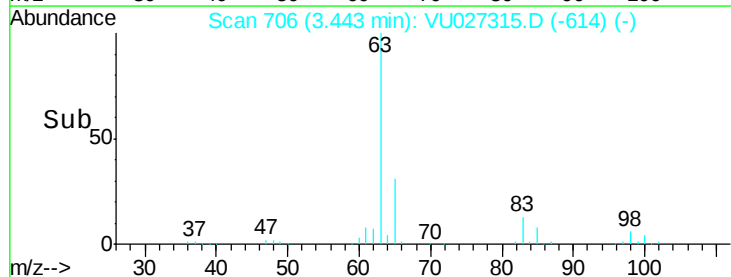
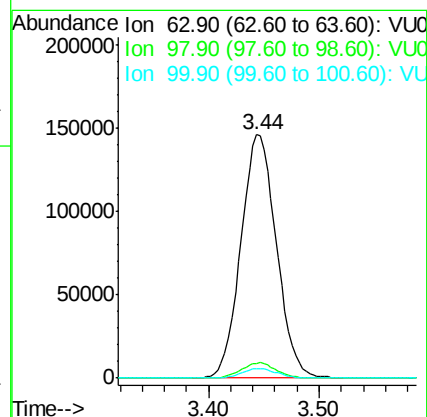
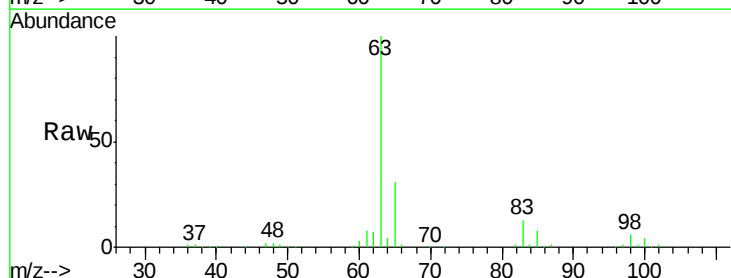
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC100

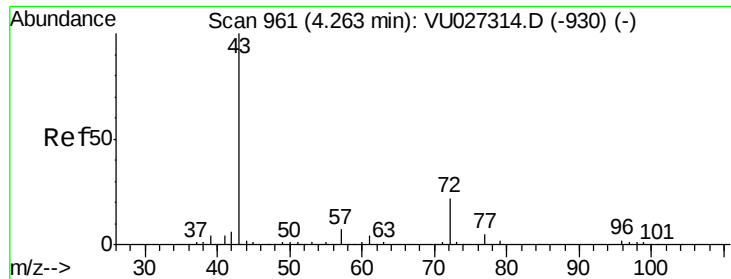
Tgt Ion: 43 Resp: 2871119
 Ion Ratio Lower Upper
 43 100
 86 8.7 7.0 10.4



#24
 1,1-Dichloroethane
 Concen: 102.491 ug/l
 RT: 3.44 min Scan# 706
 Delta R.T. -0.00 min
 Lab File: VU027315.D
 Acq: 01 Oct 2018 11:39

Tgt Ion: 63 Resp: 325557
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.0 9.2
 100 3.9 1.8 5.5





#25

2-Butanone

Concen: 509.627 ug/l

RT: 4.26 min Scan# 961

Delta R.T. 0.00 min

Lab File: VU027315.D

Acq: 01 Oct 2018 11:39

Instrument :

MSVOA_U

ClientSampleId :

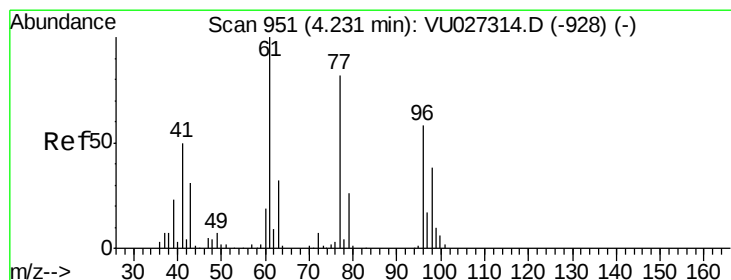
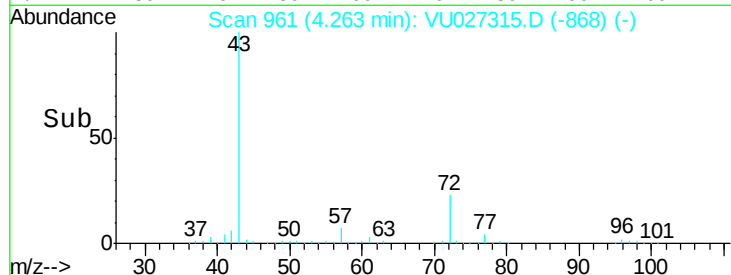
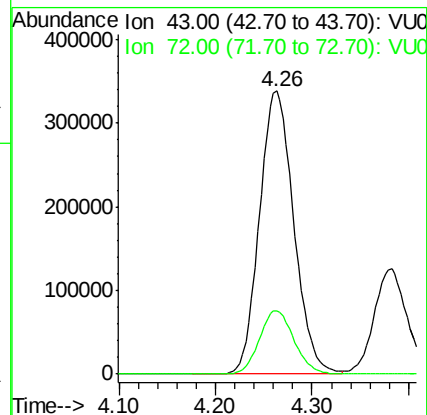
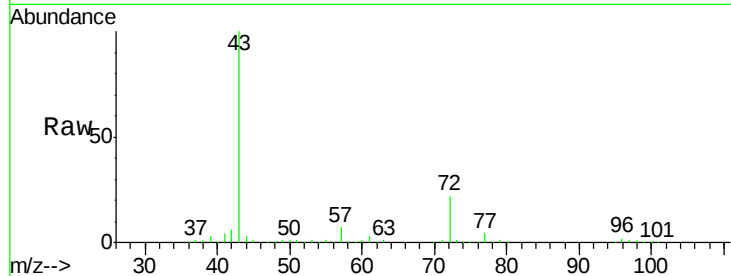
VSTDIC100

Tgt Ion: 43 Resp: 830862

Ion Ratio Lower Upper

43 100

72 22.5 17.8 26.6



#26

2,2-Dichloropropane

Concen: 99.717 ug/l

RT: 4.23 min Scan# 950

Delta R.T. -0.00 min

Lab File: VU027315.D

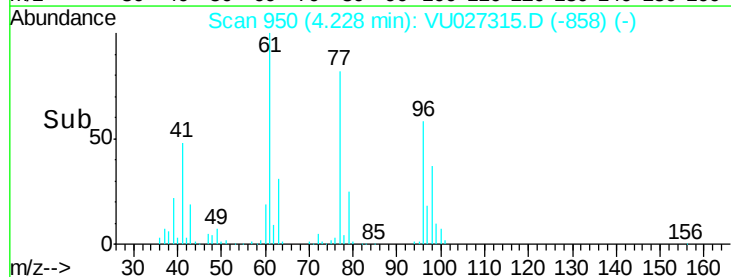
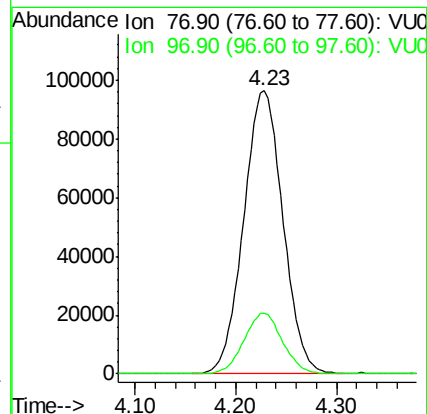
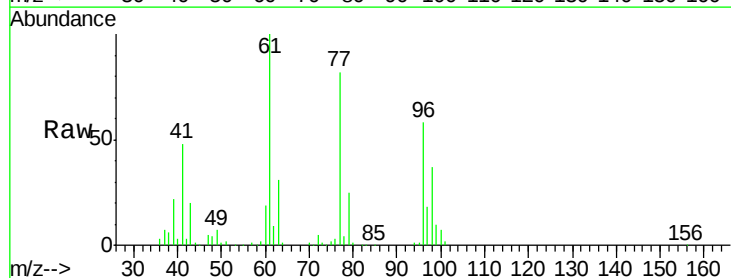
Acq: 01 Oct 2018 11:39

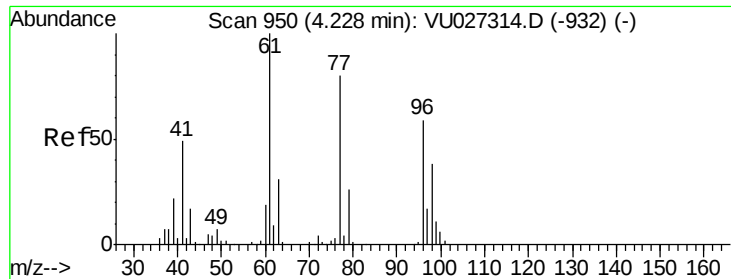
Tgt Ion: 77 Resp: 260268

Ion Ratio Lower Upper

77 100

97 21.1 10.4 31.1



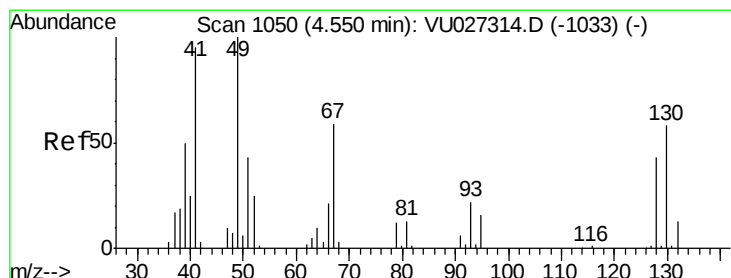
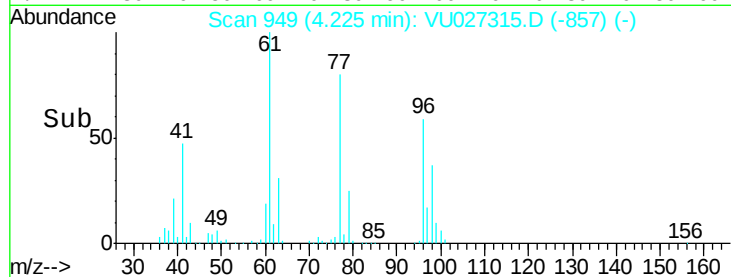
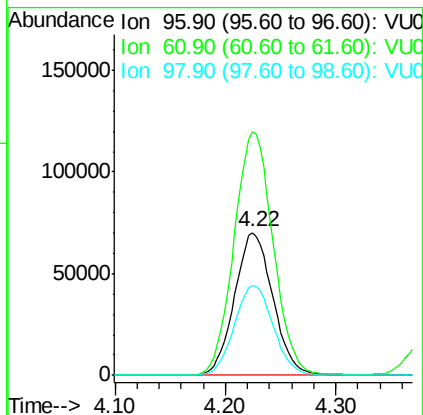
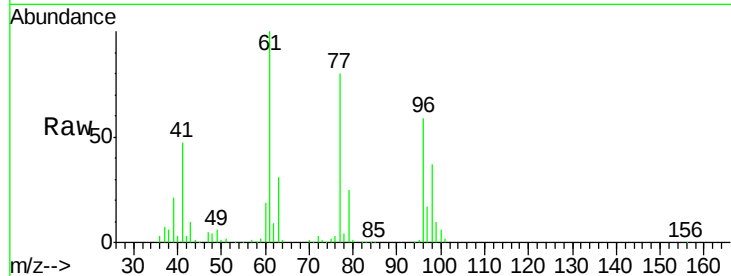


#27

cis-1,2-Dichloroethene
 Concen: 102.757 ug/l
 RT: 4.22 min Scan# 949
 Delta R.T. -0.00 min
 Lab File: VU027315.D
 Acq: 01 Oct 2018 11:39

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC100

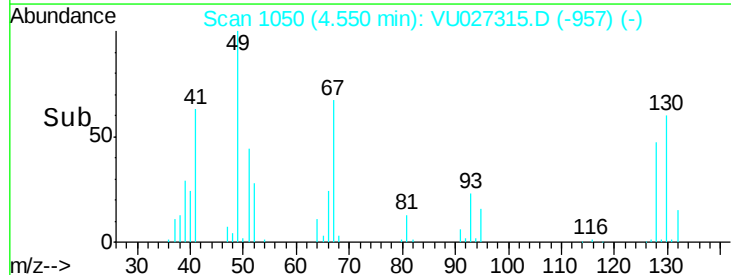
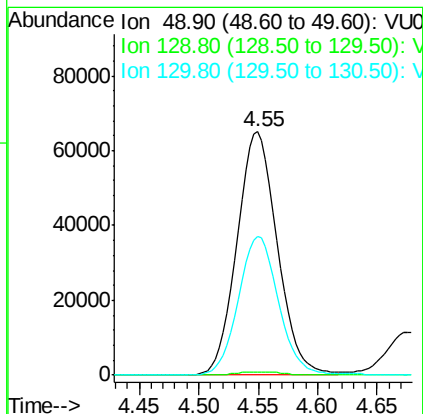
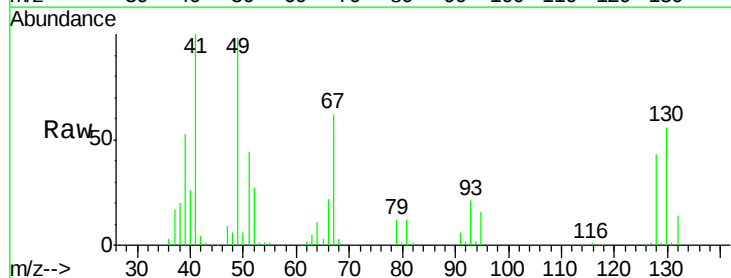
Tgt Ion: 96 Resp: 168897
 Ion Ratio Lower Upper
 96 100
 61 173.7 0.0 343.8
 98 64.1 0.0 129.0

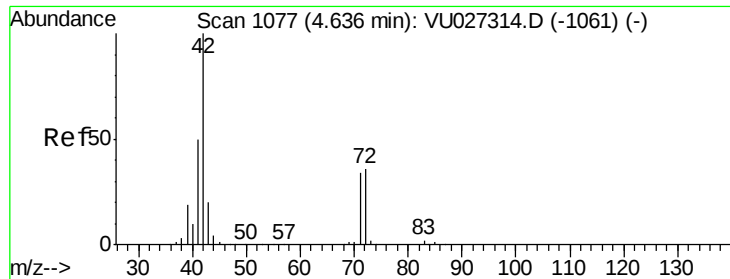


#28

Bromochloromethane
 Concen: 99.601 ug/l
 RT: 4.55 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VU027315.D
 Acq: 01 Oct 2018 11:39

Tgt Ion: 49 Resp: 152639
 Ion Ratio Lower Upper
 49 100
 129 1.5 0.0 3.0
 130 57.1 46.1 69.1

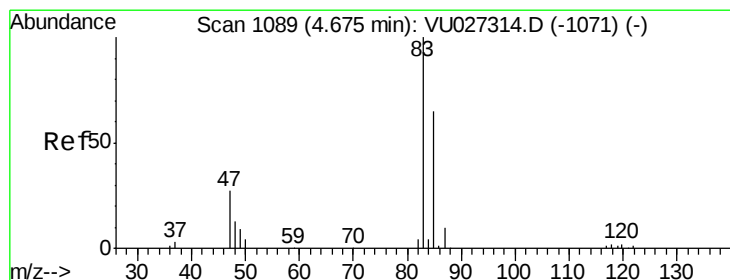
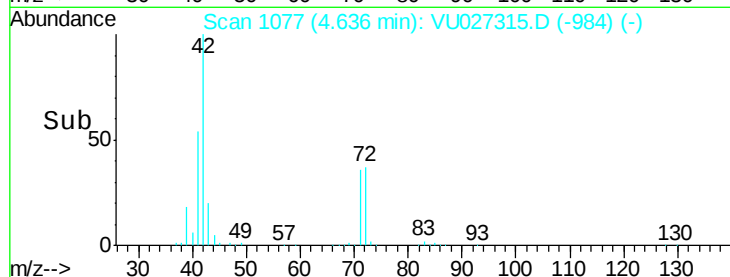
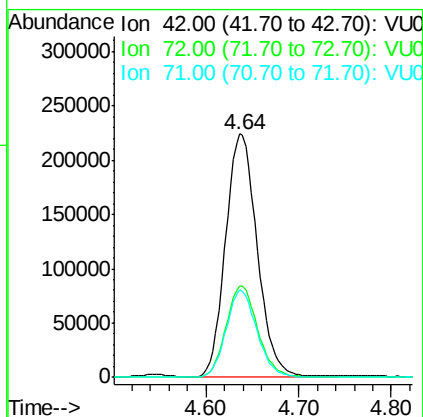
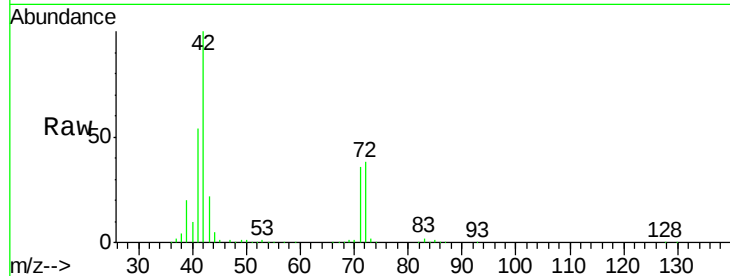




#29
Tetrahydrofuran
Concen: 515.053 ug/l
RT: 4.64 min Scan# 1077
Delta R.T. -0.00 min
Lab File: VU027315.D
Acq: 01 Oct 2018 11:39

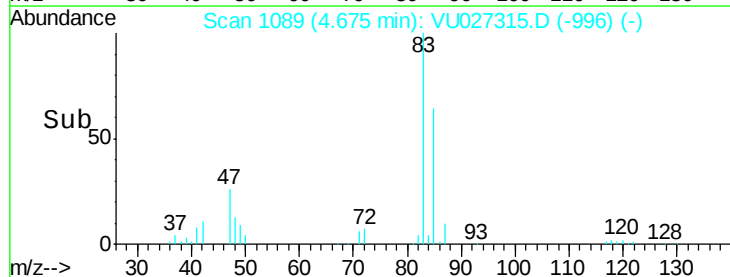
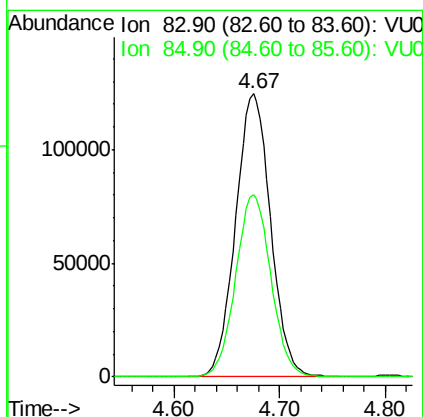
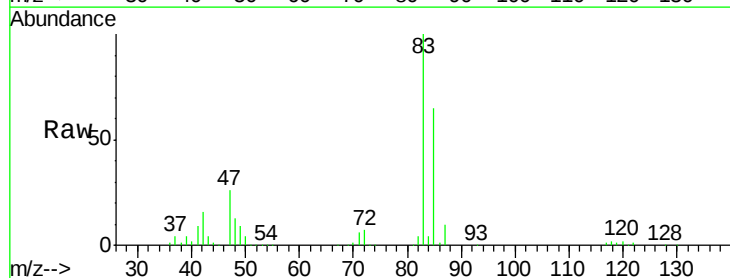
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100

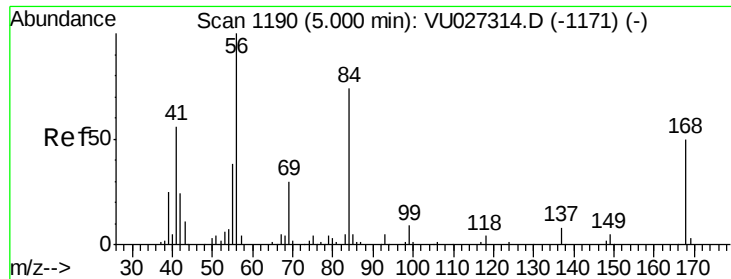
Tgt Ion	Ratio	Lower	Upper
42	100		
72	37.9	30.1	45.1
71	35.1	27.7	41.5



#30
Chloroform
Concen: 101.921 ug/l
RT: 4.67 min Scan# 1089
Delta R.T. -0.00 min
Lab File: VU027315.D
Acq: 01 Oct 2018 11:39

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.6	51.8	77.6

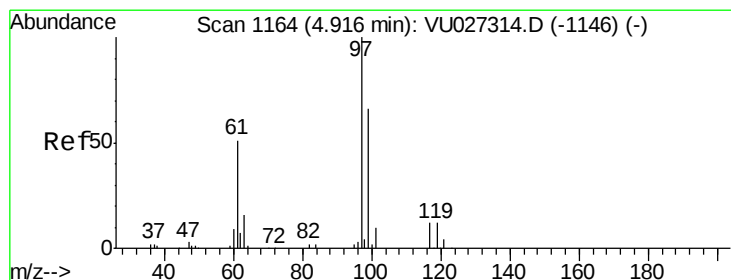
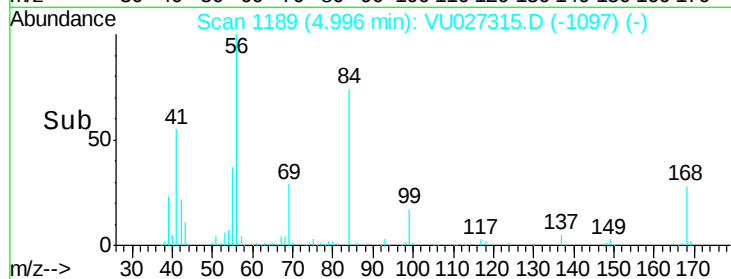
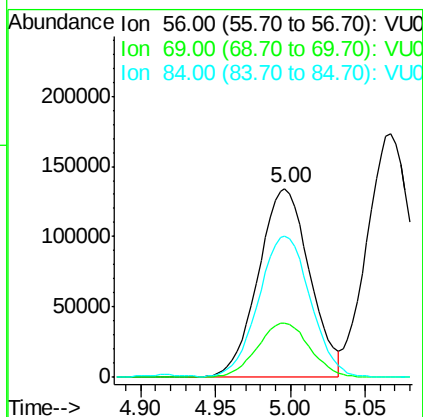
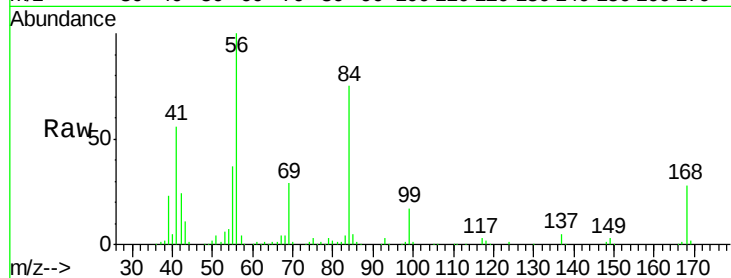




#31
Cyclohexane
Concen: 86.210 ug/l
RT: 5.00 min Scan# 1189
Delta R.T. -0.00 min
Lab File: VU027315.D
Acq: 01 Oct 2018 11:39

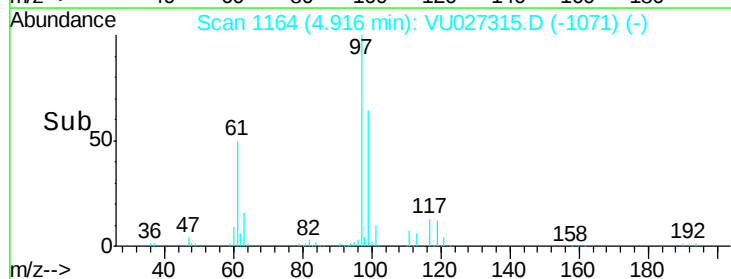
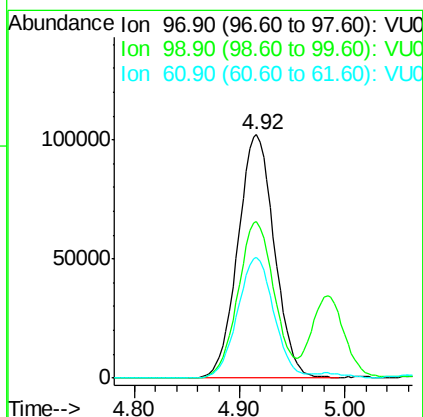
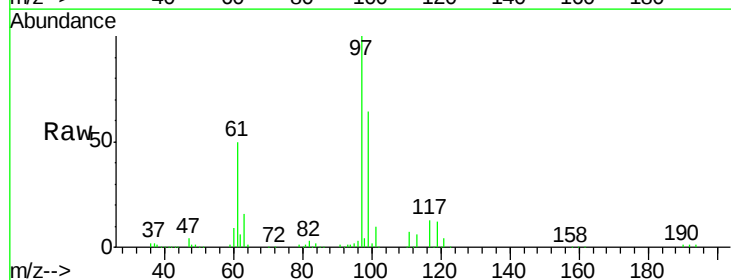
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100

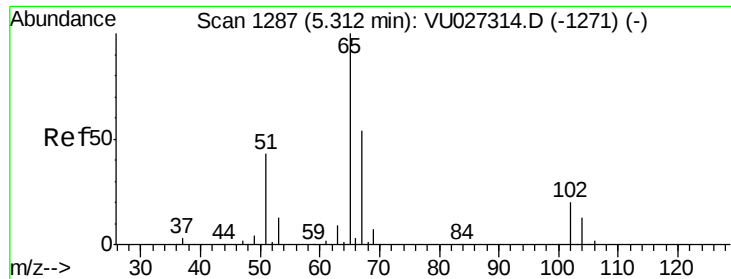
Tgt Ion: 56 Resp: 320234
Ion Ratio Lower Upper
56 100
69 28.9 24.1 36.1
84 74.4 59.1 88.7



#32
1,1,1-Trichloroethane
Concen: 103.544 ug/l
RT: 4.92 min Scan# 1164
Delta R.T. -0.00 min
Lab File: VU027315.D
Acq: 01 Oct 2018 11:39

Tgt Ion: 97 Resp: 246109
Ion Ratio Lower Upper
97 100
99 64.2 51.1 76.7
61 49.5 39.6 59.4

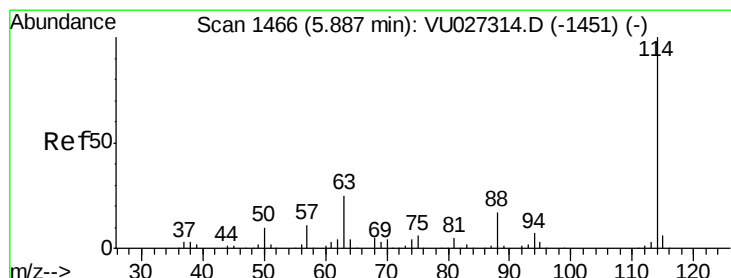
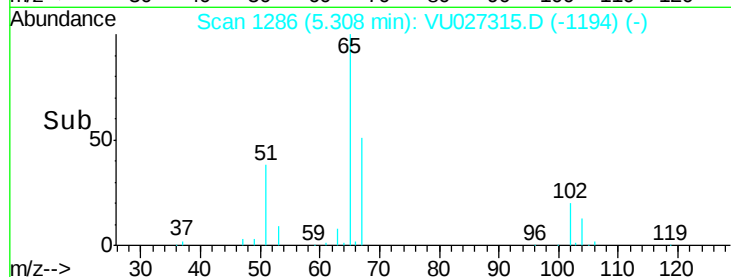
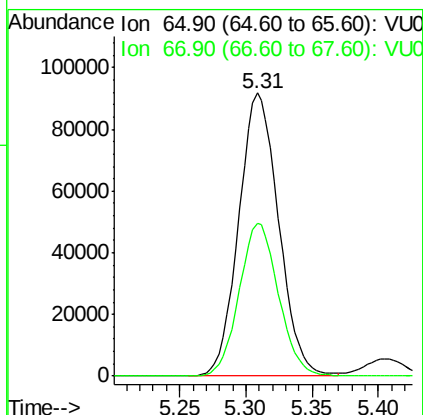
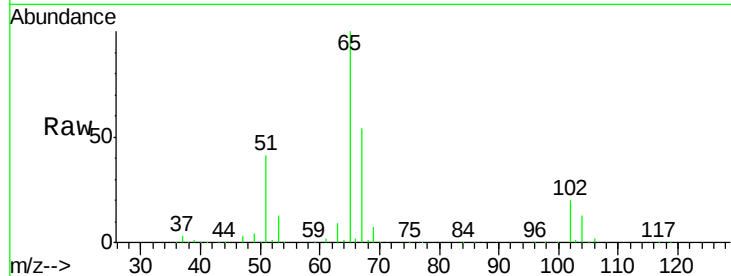




#33
 1,2-Dichloroethane-d4
 Concen: 99.997 ug/l
 RT: 5.31 min Scan# 1286
 Delta R.T. -0.00 min
 Lab File: VU027315.D
 Acq: 01 Oct 2018 11:39

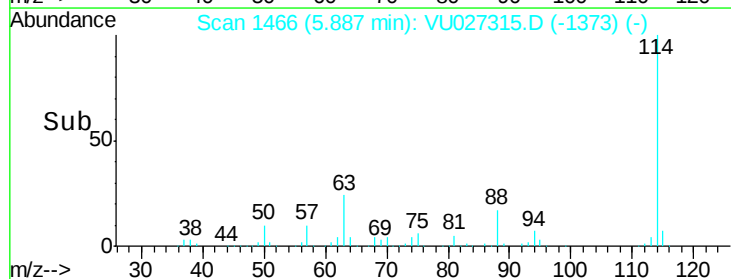
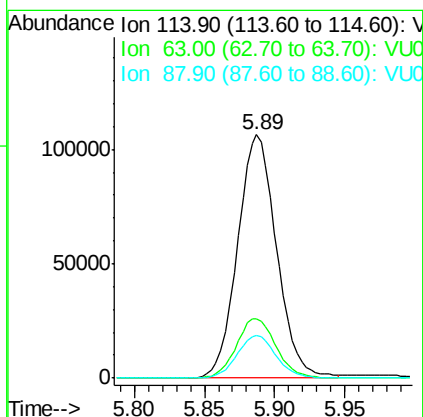
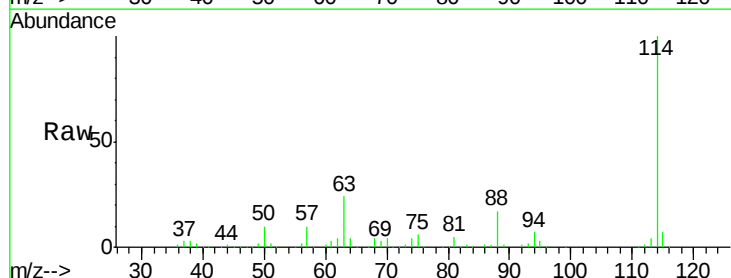
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC100

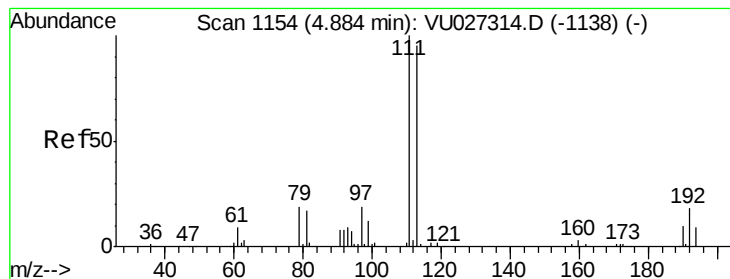
Tgt Ion: 65 Resp: 192307
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 107.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: VU027315.D
 Acq: 01 Oct 2018 11:39

Tgt Ion: 114 Resp: 206088
 Ion Ratio Lower Upper
 114 100
 63 24.5 0.0 50.2
 88 17.5 0.0 33.8





#35

Dibromofluoromethane

Concen: 102.229 ug/l

RT: 4.88 min Scan# 1154

Delta R.T. 0.00 min

Lab File: VU027315.D

Acq: 01 Oct 2018 11:39

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC100

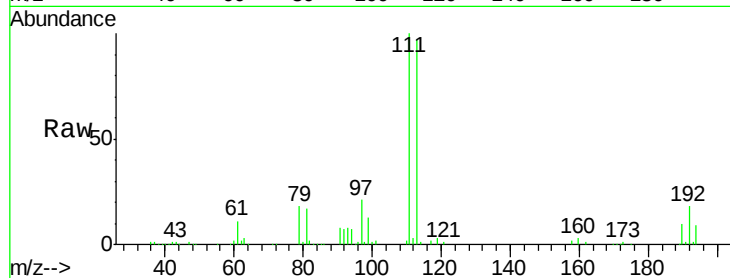
Tgt Ion: 113 Resp: 138461

Ion Ratio Lower Upper

113 100

111 102.5 83.1 124.7

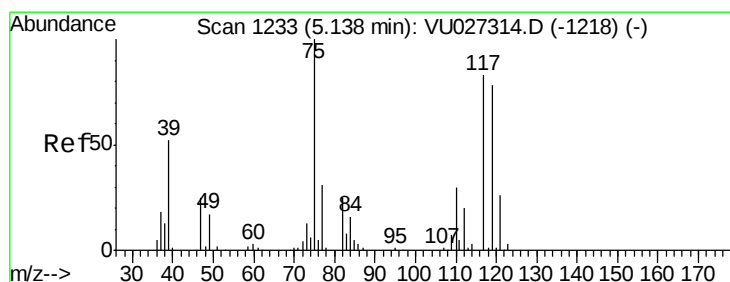
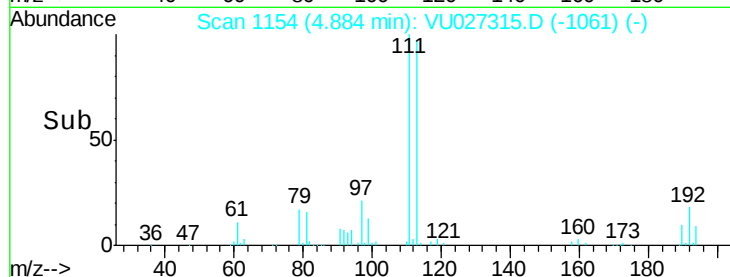
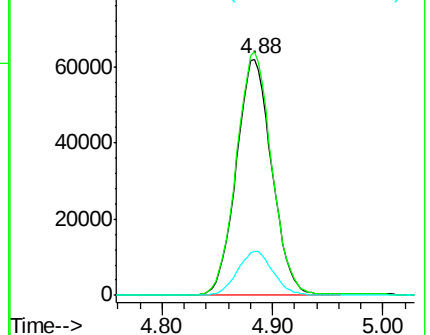
192 18.7 15.4 23.0



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: 102.504 ug/l

RT: 5.14 min Scan# 1233

Delta R.T. 0.00 min

Lab File: VU027315.D

Acq: 01 Oct 2018 11:39

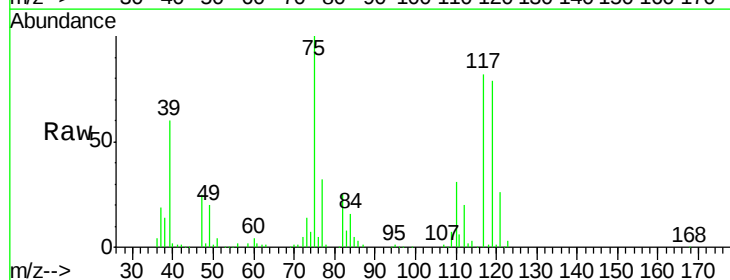
Tgt Ion: 75 Resp: 229367

Ion Ratio Lower Upper

75 100

110 31.2 15.5 46.5

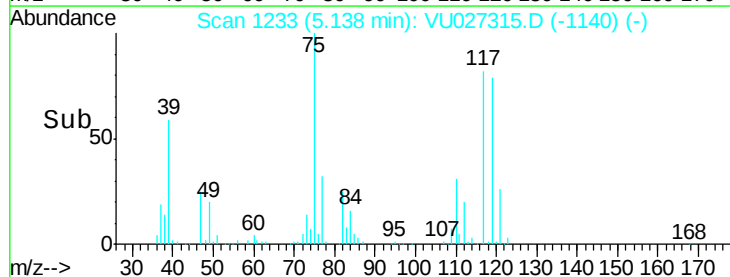
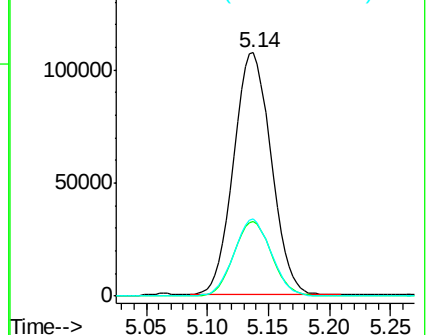
77 31.2 25.4 38.0

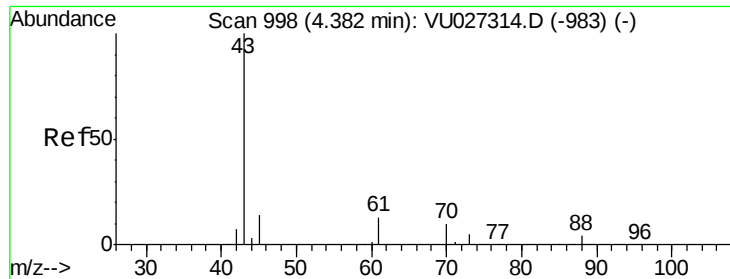


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VU0

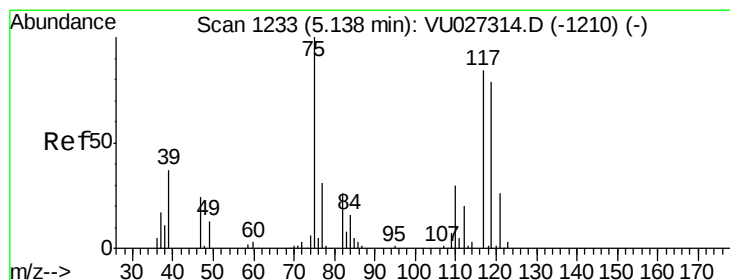
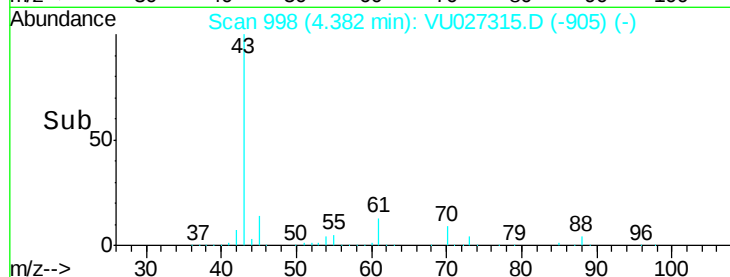
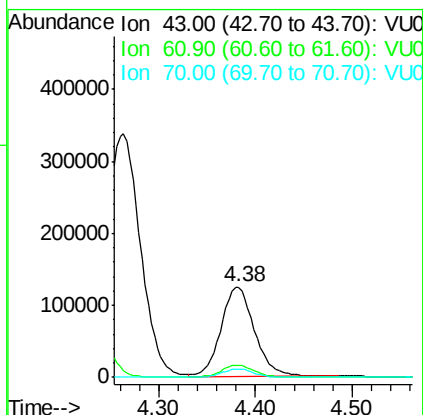
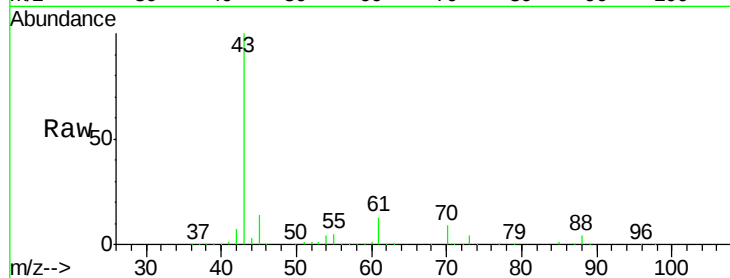




#37
Ethyl Acetate
Concen: 108.651 ug/l
RT: 4.38 min Scan# 998
Delta R.T. 0.00 min
Lab File: VU027315.D
Acq: 01 Oct 2018 11:39

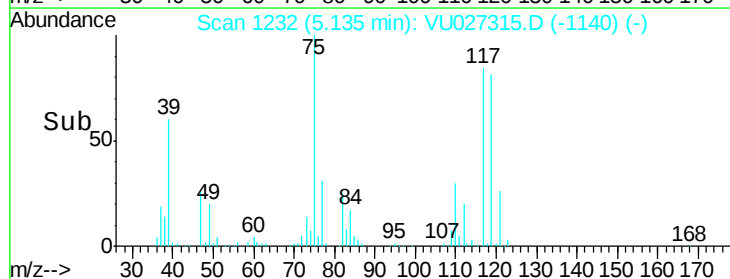
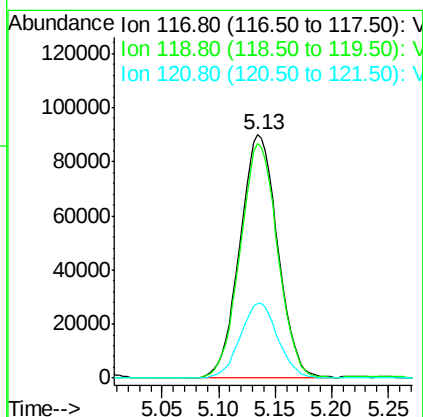
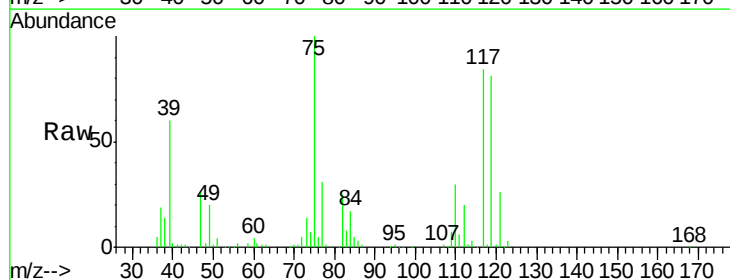
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100

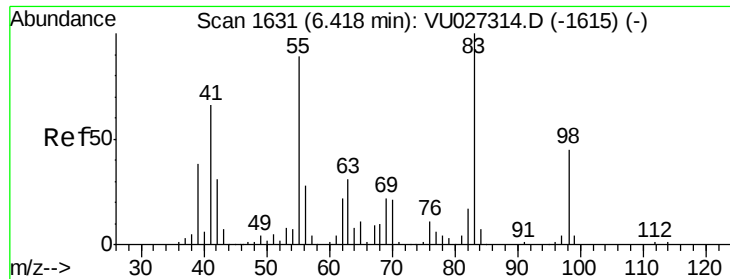
Tgt Ion: 43 Resp: 299794
Ion Ratio Lower Upper
43 100
61 13.2 10.7 16.1
70 8.8 7.4 11.2



#38
Carbon Tetrachloride
Concen: 103.598 ug/l
RT: 5.13 min Scan# 1232
Delta R.T. -0.00 min
Lab File: VU027315.D
Acq: 01 Oct 2018 11:39

Tgt Ion: 117 Resp: 209403
Ion Ratio Lower Upper
117 100
119 96.2 74.5 111.7
121 30.6 24.6 37.0

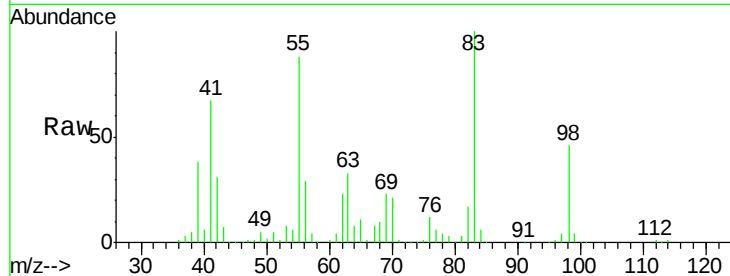




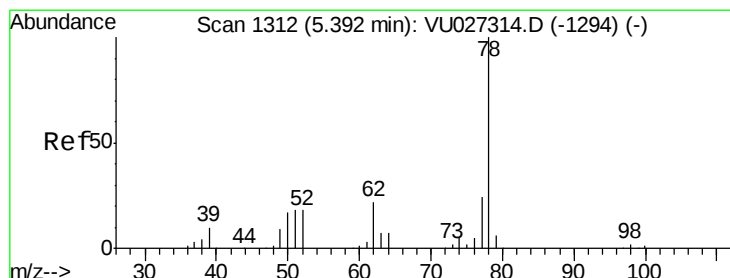
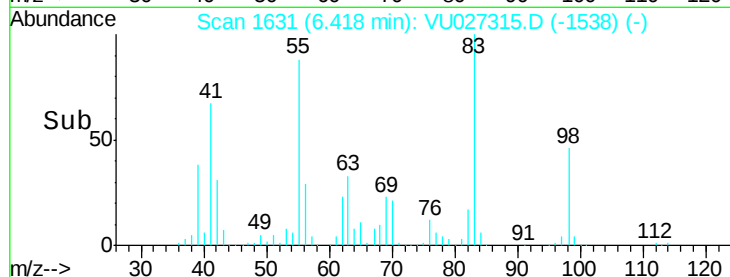
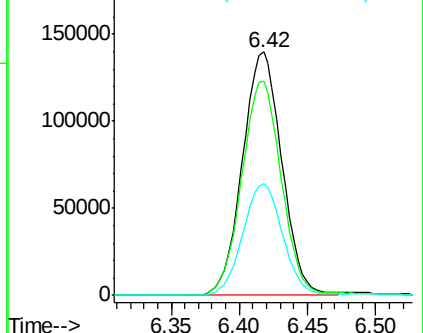
#39
Methylcyclohexane
Concen: 107.287 ug/l
RT: 6.42 min Scan# 1631
Delta R.T. 0.00 min
Lab File: VU027315.D
Acq: 01 Oct 2018 11:39

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100

Tgt Ion: 83 Resp: 280633
Ion Ratio Lower Upper
83 100
55 88.1 71.1 106.7
98 45.9 36.3 54.5

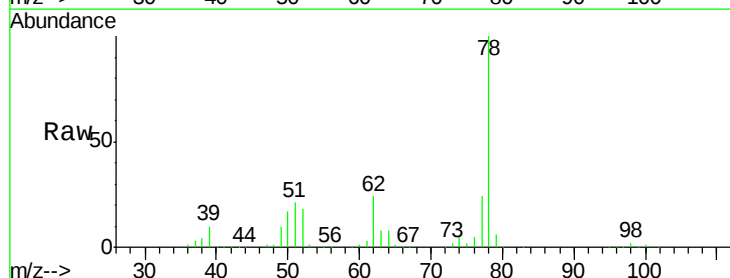


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

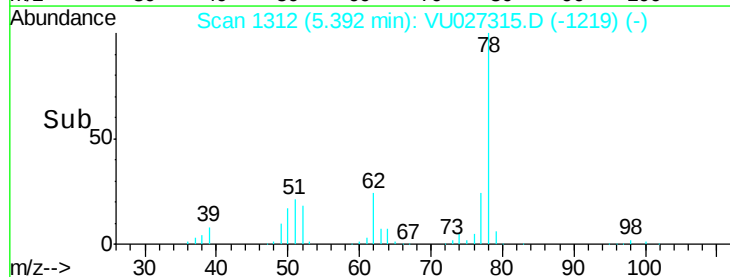
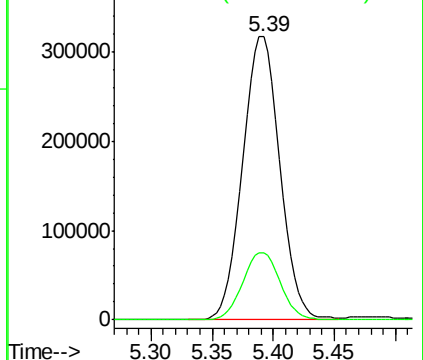


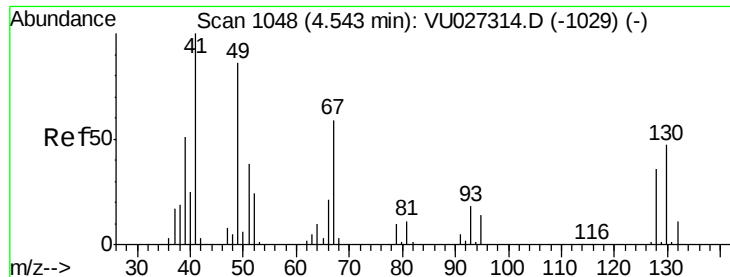
#40
Benzene
Concen: 102.513 ug/l
RT: 5.39 min Scan# 1312
Delta R.T. 0.00 min
Lab File: VU027315.D
Acq: 01 Oct 2018 11:39

Tgt Ion: 78 Resp: 668182
Ion Ratio Lower Upper
78 100
77 23.7 19.3 28.9



Abundance Ion 78.00 (77.70 to 78.70): VU0
Ion 77.00 (76.70 to 77.70): VU0





#41

Methacrylonitrile

Concen: 104.528 ug/l

RT: 4.54 min Scan# 1048

Delta R.T. 0.00 min

Lab File: VU027315.D

Acq: 01 Oct 2018 11:39

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC100

Tgt Ion: 41 Resp: 170858

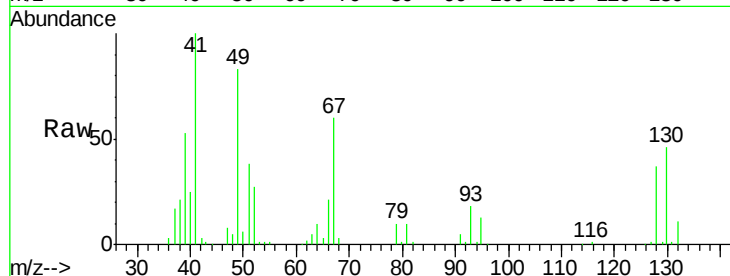
Ion Ratio Lower Upper

41 100

39 52.6 41.1 61.7

67 62.8 50.4 75.6

52 26.0 20.3 30.5

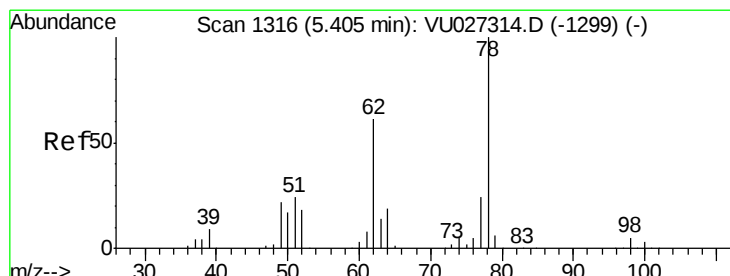
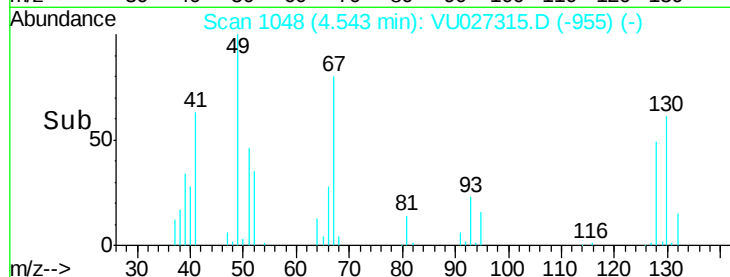
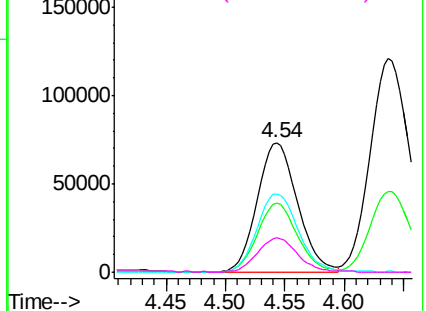


Abundance Ion 41.00 (40.70 to 41.70): VU0

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: 102.849 ug/l

RT: 5.40 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VU027315.D

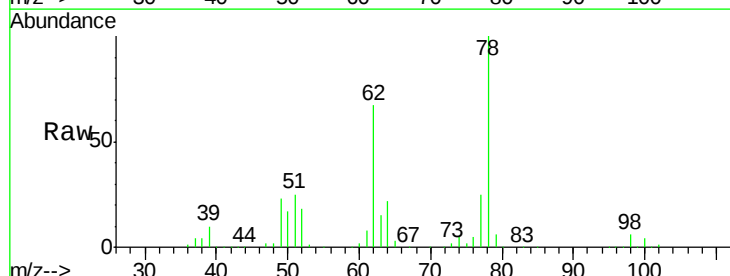
Acq: 01 Oct 2018 11:39

Tgt Ion: 62 Resp: 248837

Ion Ratio Lower Upper

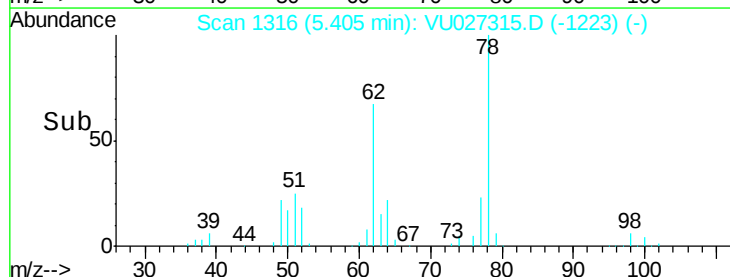
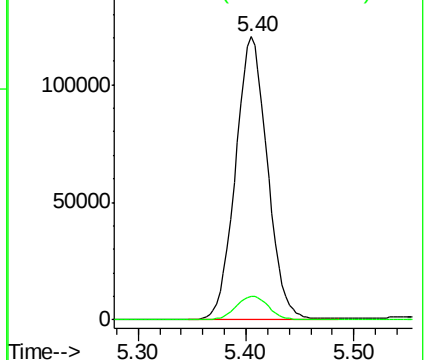
62 100

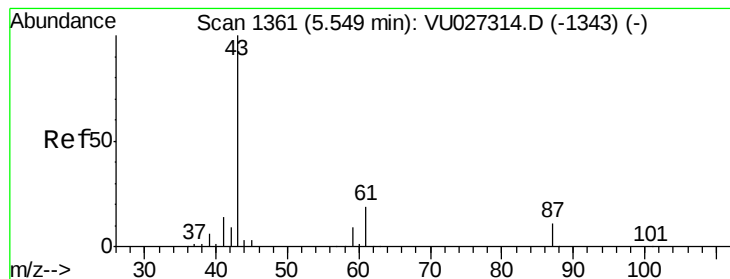
98 8.6 0.0 16.8



Abundance Ion 61.90 (61.60 to 62.60): VU0

Ion 97.90 (97.60 to 98.60): VU0





#43

Isopropyl Acetate

Concen: 106.018 ug/l

RT: 5.55 min Scan# 1361

Delta R.T. 0.00 min

Lab File: VU027315.D

Acq: 01 Oct 2018 11:39

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC100

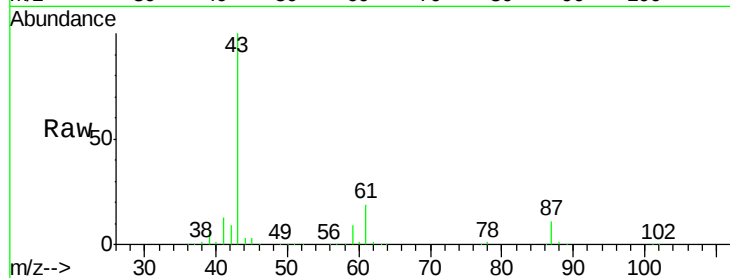
Tgt Ion: 43 Resp: 476181

Ion Ratio Lower Upper

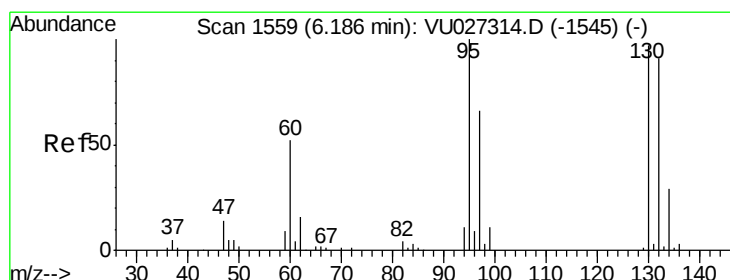
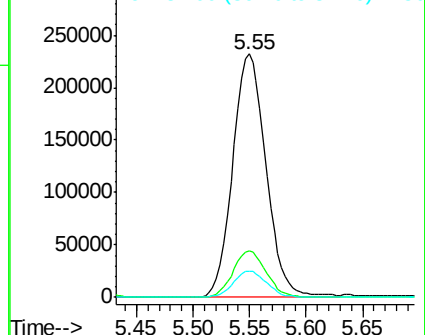
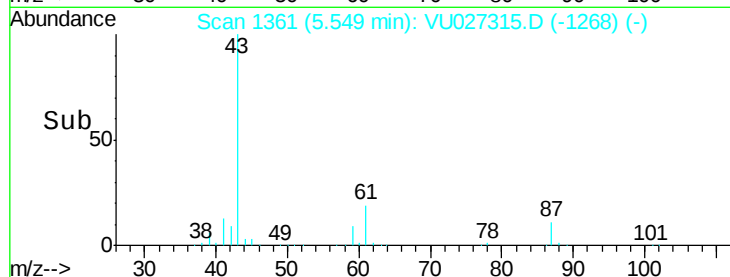
43 100

61 19.2 15.3 22.9

87 10.9 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VU027315.D (-1268) (-)



#44

Trichloroethene

Concen: 103.900 ug/l

RT: 6.19 min Scan# 1559

Delta R.T. 0.00 min

Lab File: VU027315.D

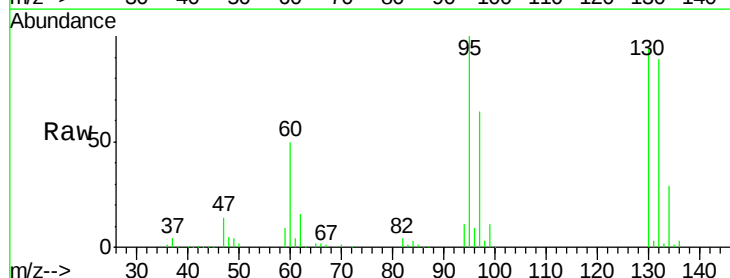
Acq: 01 Oct 2018 11:39

Tgt Ion: 130 Resp: 151008

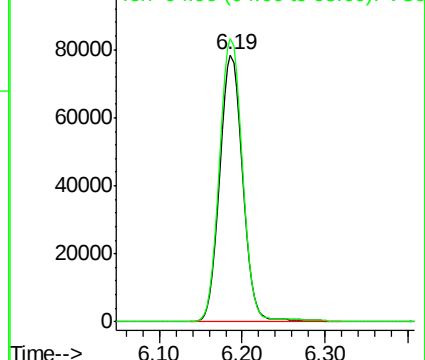
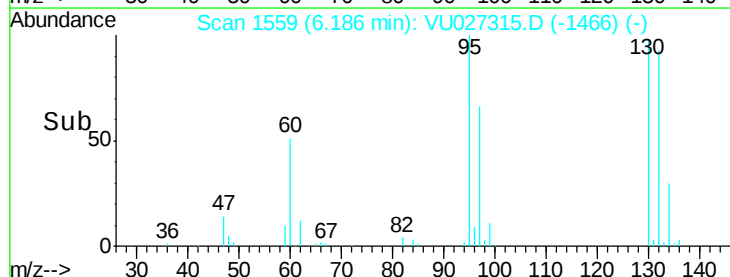
Ion Ratio Lower Upper

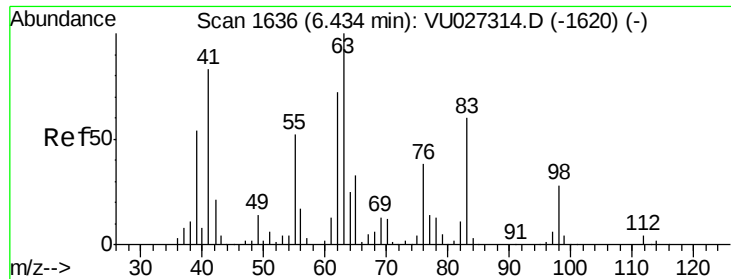
130 100

95 106.0 0.0 207.0



Abundance Ion 129.80 (129.50 to 130.50): VU027315.D (-1466) (-)

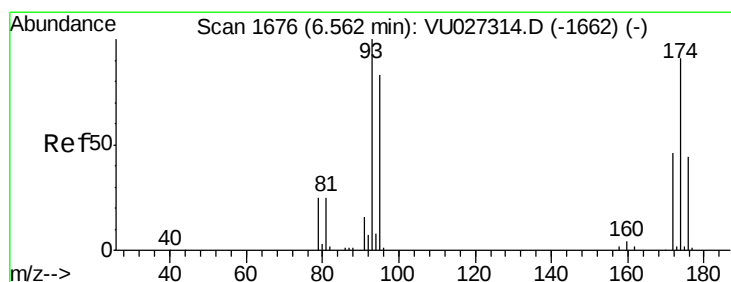
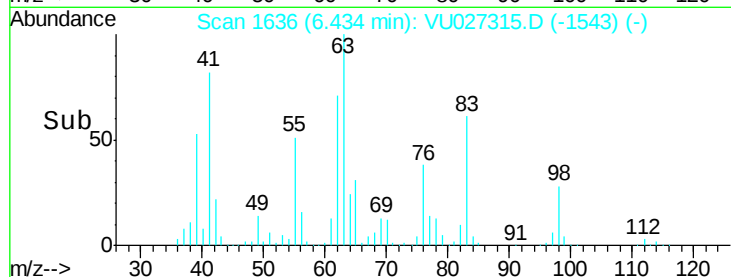
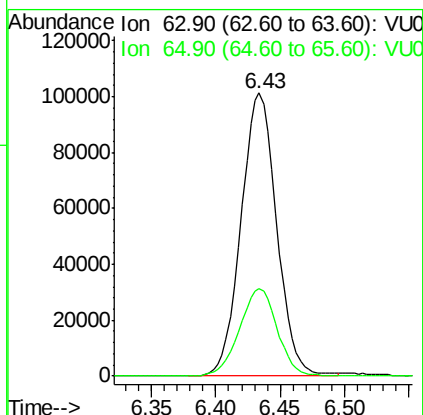
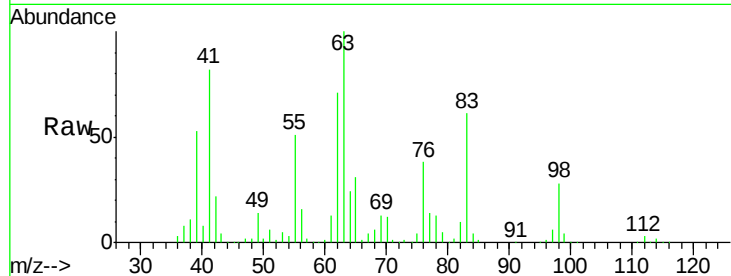




#45
 1,2-Dichloropropane
 Concen: 103.771 ug/l
 RT: 6.43 min Scan# 1636
 Delta R.T. 0.00 min
 Lab File: VU027315.D
 Acq: 01 Oct 2018 11:39

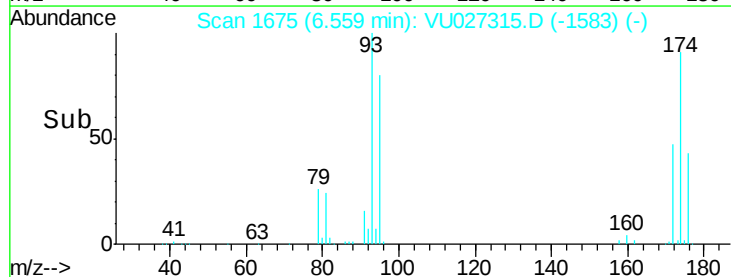
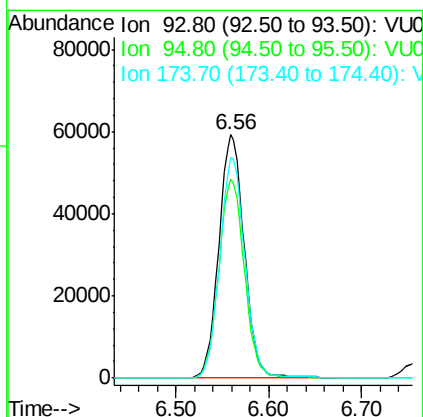
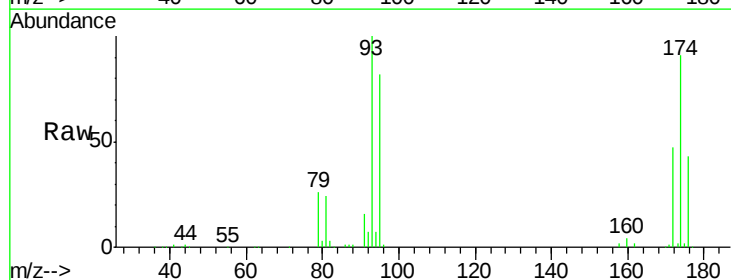
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC100

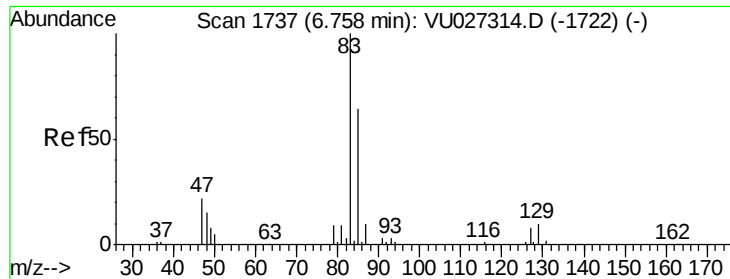
Tgt Ion: 63 Resp: 195091
 Ion Ratio Lower Upper
 63 100
 65 30.8 26.0 39.0



#46
 Dibromomethane
 Concen: 106.031 ug/l
 RT: 6.56 min Scan# 1675
 Delta R.T. -0.00 min
 Lab File: VU027315.D
 Acq: 01 Oct 2018 11:39

Tgt Ion: 93 Resp: 112584
 Ion Ratio Lower Upper
 93 100
 95 81.9 66.5 99.7
 174 89.7 72.5 108.7





#47

Bromodichloromethane

Concen: 104.408 ug/l

RT: 6.76 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VU027315.D

Acq: 01 Oct 2018 11:39

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC100

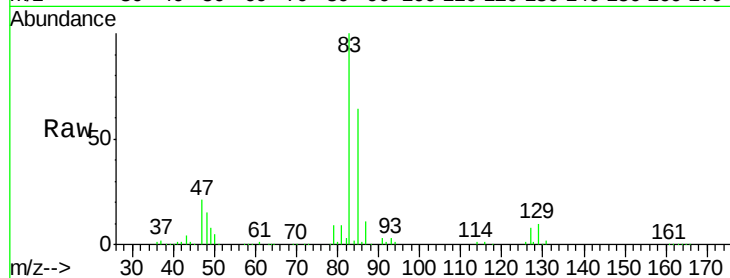
Tgt Ion: 83 Resp: 230036

Ion Ratio Lower Upper

83 100

85 64.2 51.4 77.0

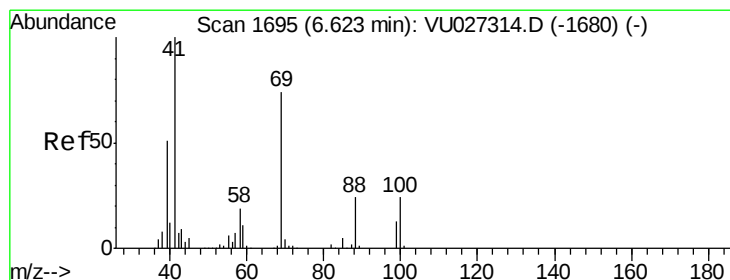
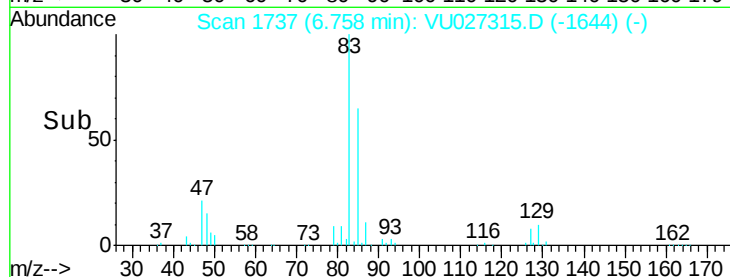
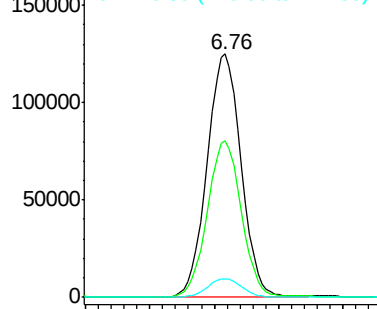
127 7.8 6.3 9.5



Abundance Ion 82.90 (82.60 to 83.60): VU0

Ion 84.90 (84.60 to 85.60): VU0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 109.629 ug/l

RT: 6.62 min Scan# 1695

Delta R.T. 0.00 min

Lab File: VU027315.D

Acq: 01 Oct 2018 11:39

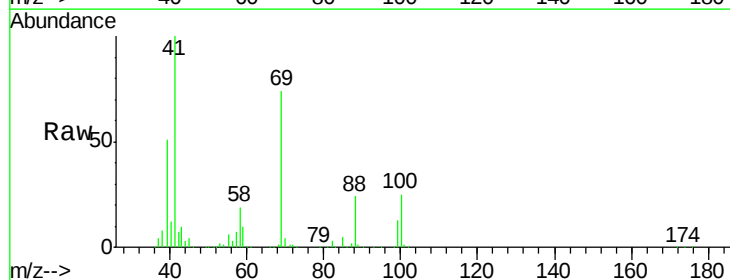
Tgt Ion: 41 Resp: 244864

Ion Ratio Lower Upper

41 100

69 75.7 61.0 91.4

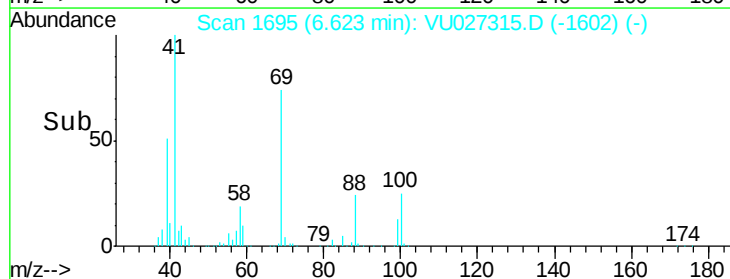
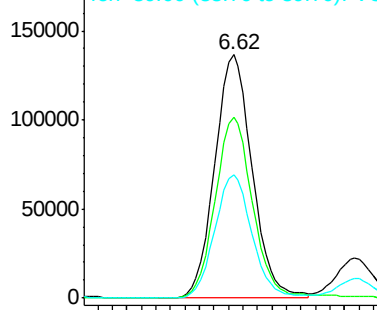
39 50.4 39.9 59.9

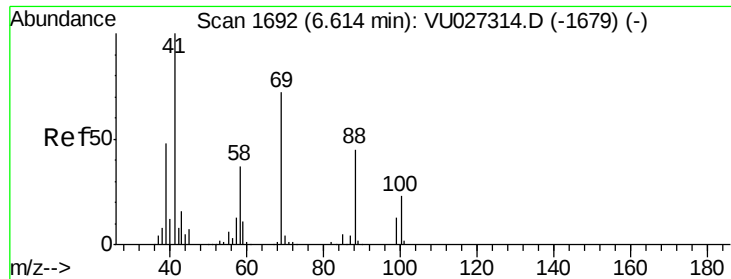


Abundance Ion 41.00 (40.70 to 41.70): VU0

Ion 69.00 (68.70 to 69.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

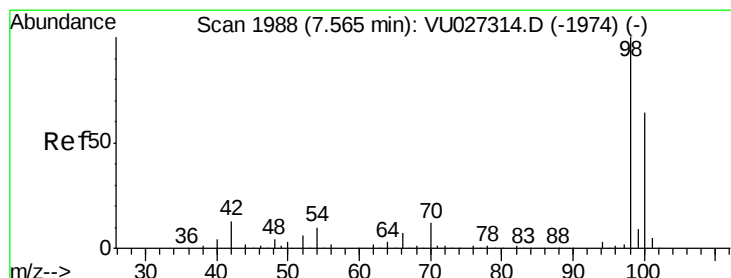
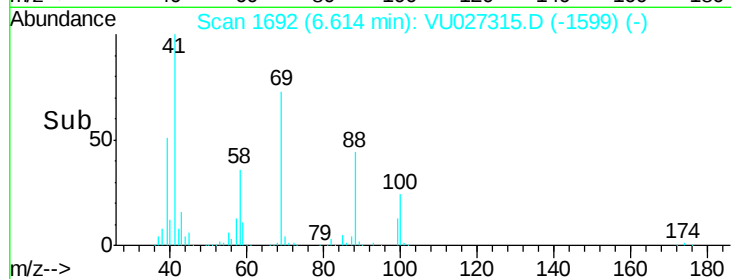
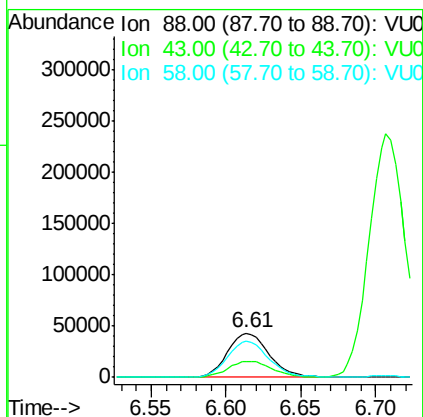
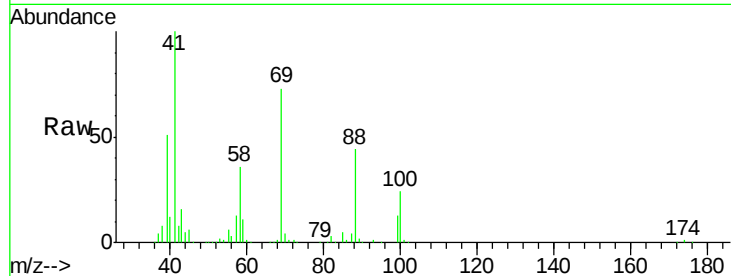




#49
1,4-Dioxane
Concen: 2159.398 ug/l
RT: 6.61 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VU027315.D
Acq: 01 Oct 2018 11:39

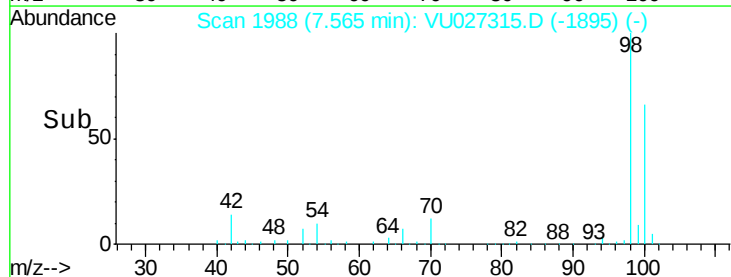
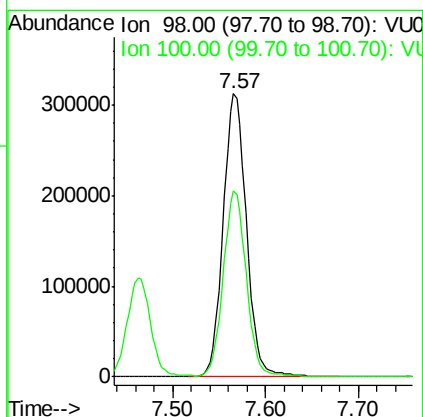
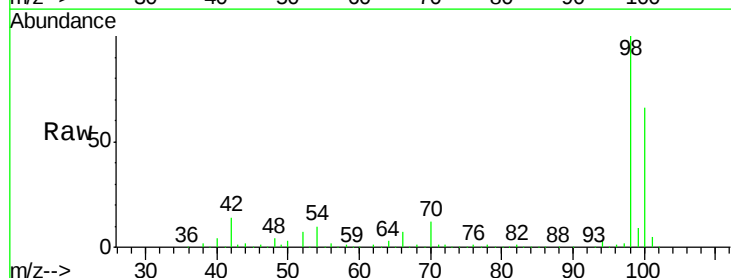
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100

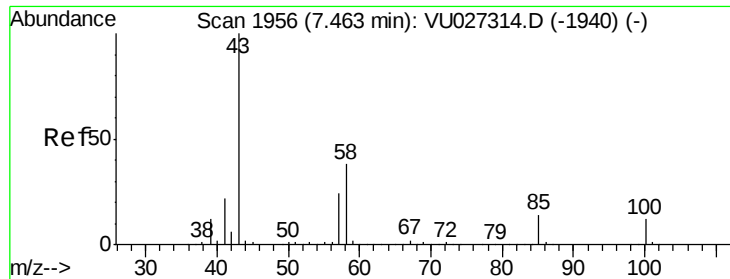
Tgt Ion: 88 Resp: 82986
Ion Ratio Lower Upper
88 100
43 38.1 30.8 46.2
58 82.4 67.0 100.6



#50
Toluene-d8
Concen: 102.921 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. 0.00 min
Lab File: VU027315.D
Acq: 01 Oct 2018 11:39

Tgt Ion: 98 Resp: 543994
Ion Ratio Lower Upper
98 100
100 65.5 52.1 78.1





#51

4-Methyl-2-Pentanone

Concen: 536.217 ug/l

RT: 7.46 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VU027315.D

Acq: 01 Oct 2018 11:39

Instrument :

MSVOA_U

ClientSampleId :

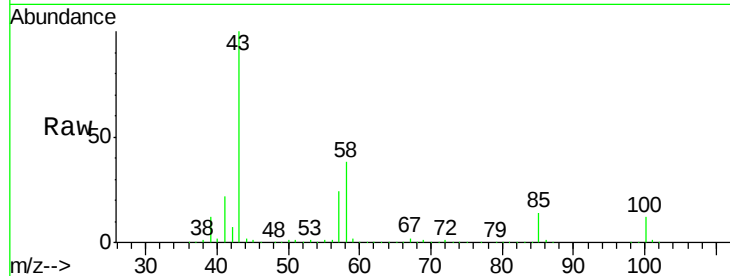
VSTDIC100

Tgt Ion: 43 Resp: 1565015

Ion Ratio Lower Upper

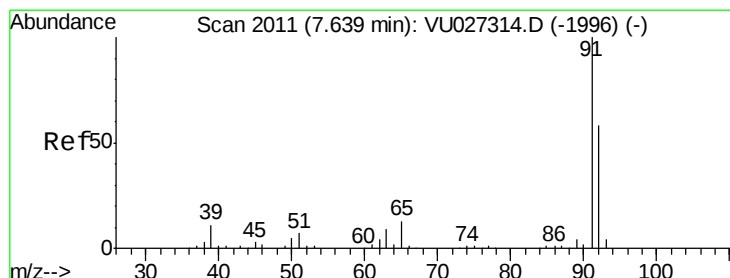
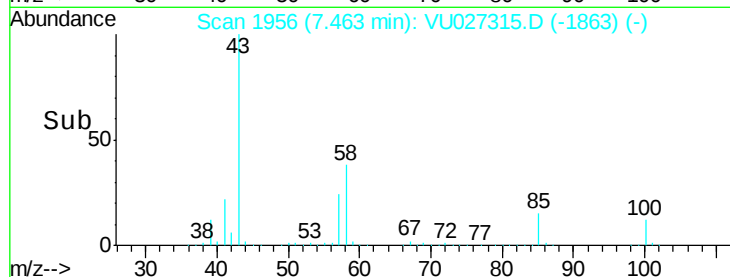
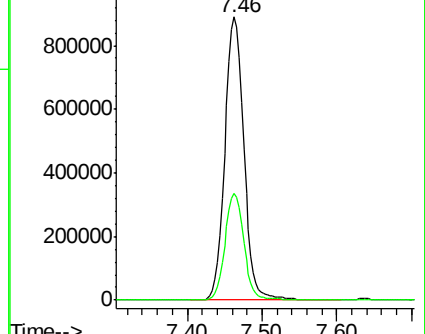
43 100

58 37.6 29.8 44.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#52

Toluene

Concen: 105.445 ug/l

RT: 7.64 min Scan# 2010

Delta R.T. -0.00 min

Lab File: VU027315.D

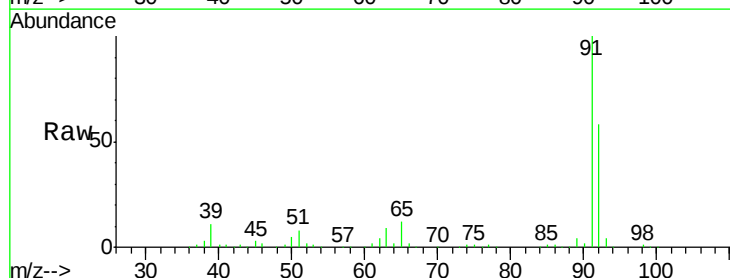
Acq: 01 Oct 2018 11:39

Tgt Ion: 92 Resp: 406801

Ion Ratio Lower Upper

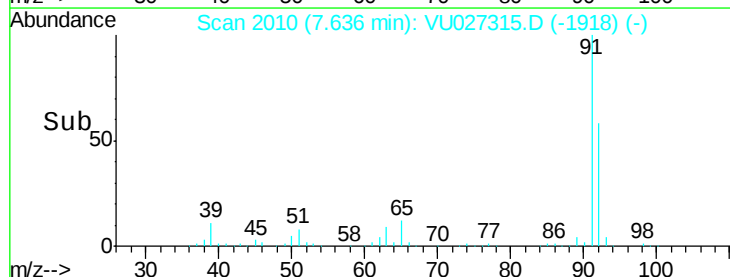
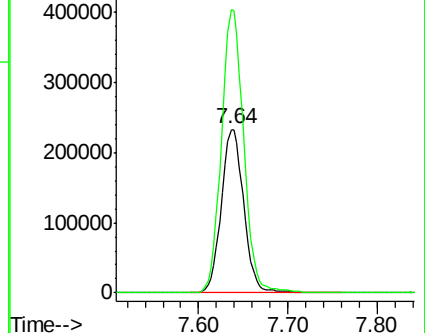
92 100

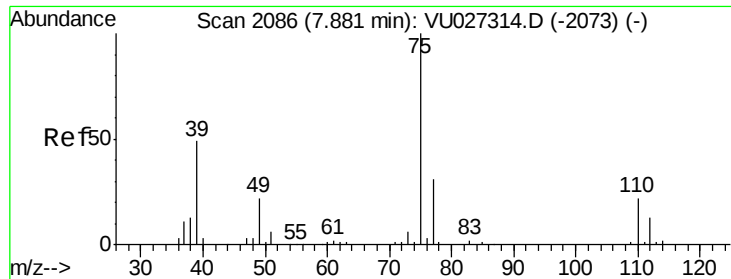
91 171.8 138.6 208.0



Abundance Ion 92.00 (91.70 to 92.70): VU0

Ion 91.00 (90.70 to 91.70): VU0

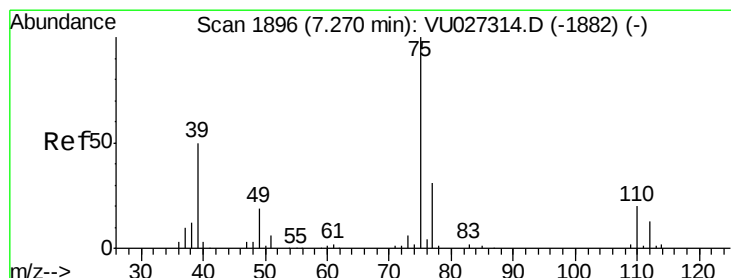
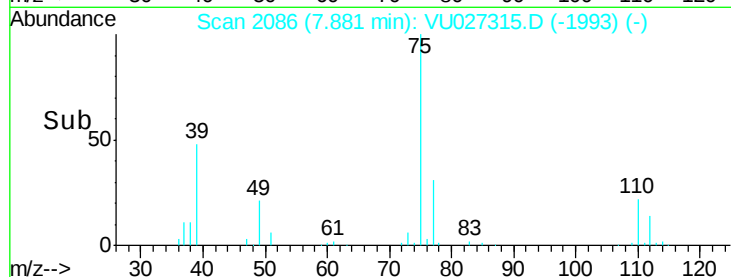
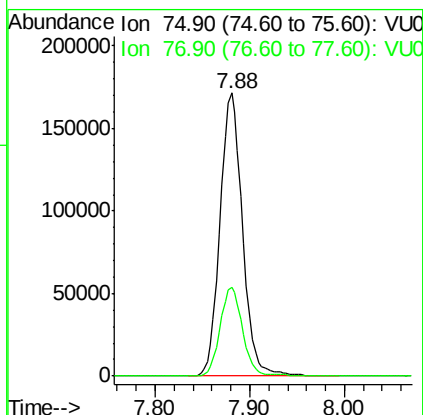
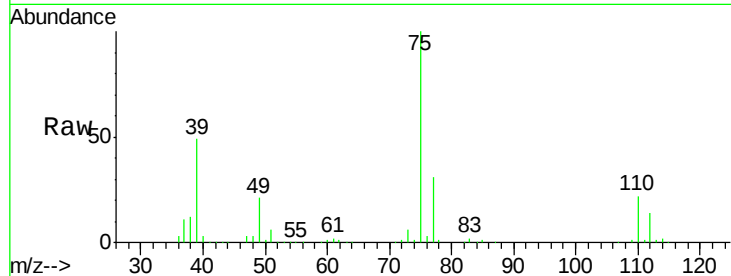




#53
t-1,3-Dichloropropene
Concen: 109.596 ug/l
RT: 7.88 min Scan# 2086
Delta R.T. 0.00 min
Lab File: VU027315.D
Acq: 01 Oct 2018 11:39

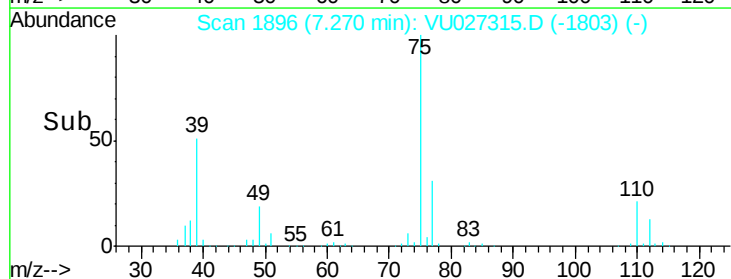
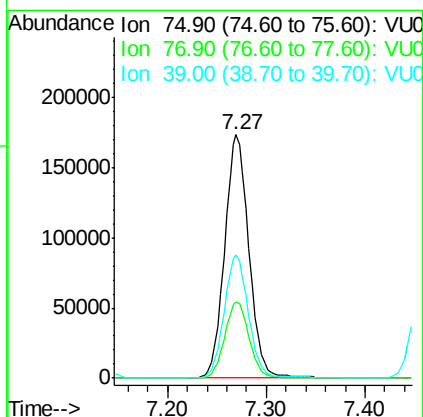
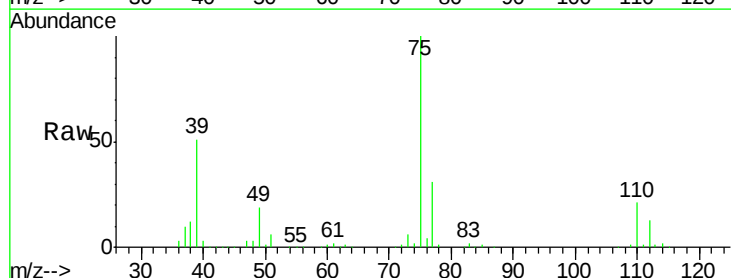
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100

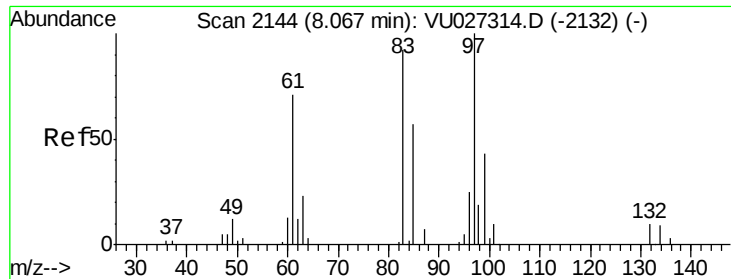
Tgt Ion: 75 Resp: 283114
Ion Ratio Lower Upper
75 100
77 31.5 25.0 37.6



#54
cis-1,3-Dichloropropene
Concen: 107.763 ug/l
RT: 7.27 min Scan# 1896
Delta R.T. -0.00 min
Lab File: VU027315.D
Acq: 01 Oct 2018 11:39

Tgt Ion: 75 Resp: 299264
Ion Ratio Lower Upper
75 100
77 31.4 24.5 36.7
39 50.8 40.1 60.1

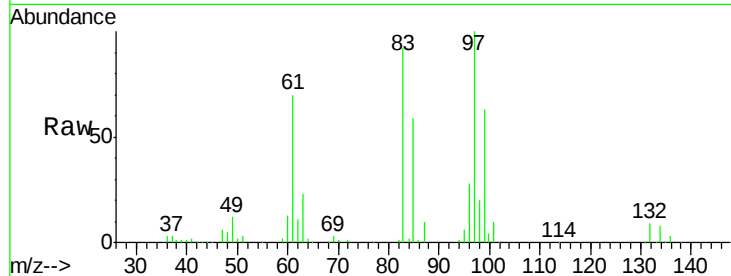




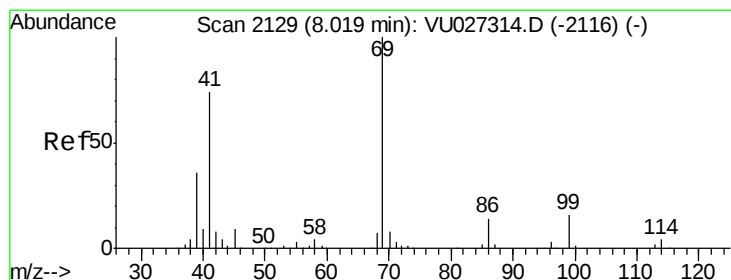
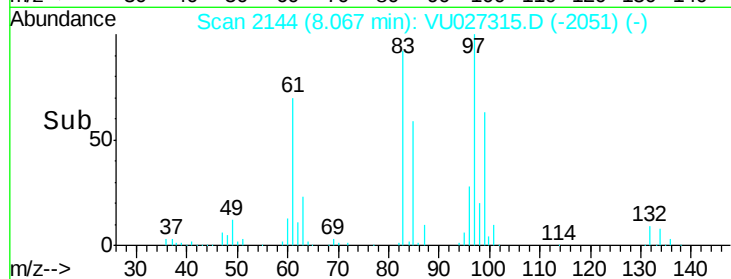
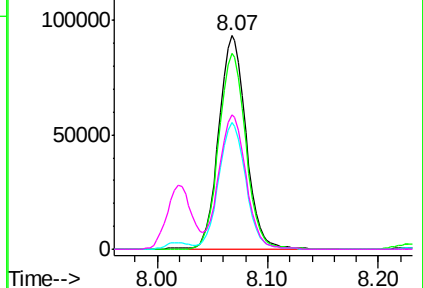
#55
 1,1,2-Trichloroethane
 Concen: 104.303 ug/l
 RT: 8.07 min Scan# 2144
 Delta R.T. 0.00 min
 Lab File: VU027315.D
 Acq: 01 Oct 2018 11:39

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC100

Tgt Ion:	97	Resp:	159544
Ion	Ratio	Lower	Upper
97	100		
83	91.9	73.0	109.6
85	59.4	47.3	70.9
99	63.0	49.7	74.5

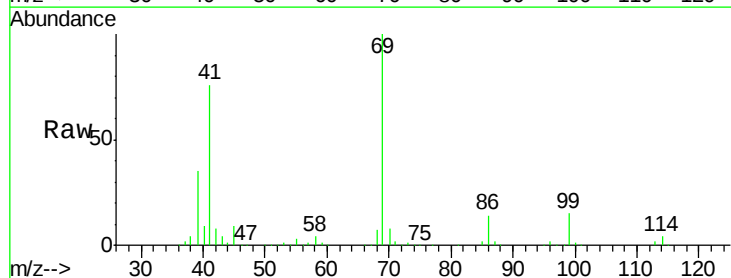


Abundance Ion 96.90 (96.60 to 97.60): VU0
 Ion 82.90 (82.60 to 83.60): VU0
 Ion 84.90 (84.60 to 85.60): VU0
 Ion 98.90 (98.60 to 99.60): VU0

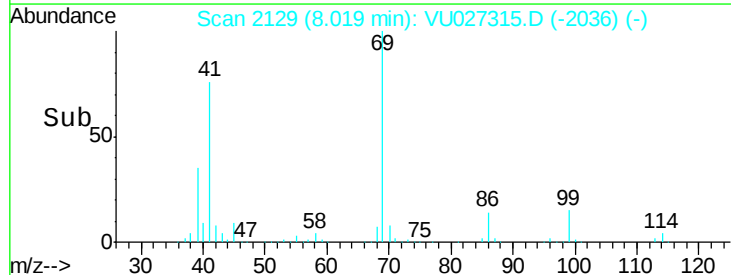
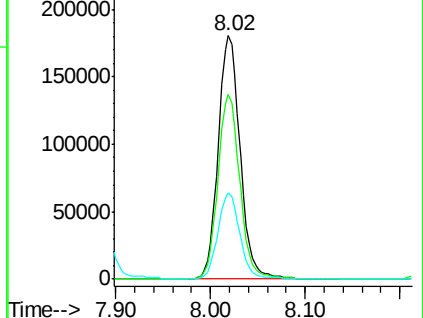


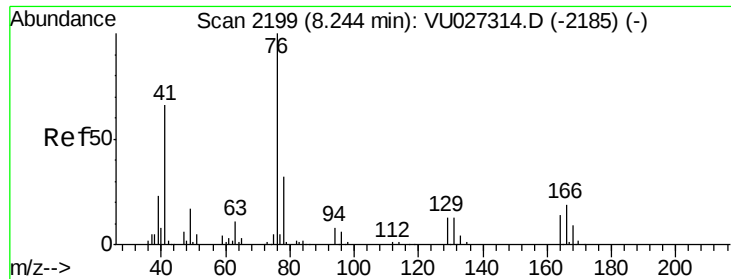
#56
 Ethyl methacrylate
 Concen: 114.615 ug/l
 RT: 8.02 min Scan# 2129
 Delta R.T. -0.00 min
 Lab File: VU027315.D
 Acq: 01 Oct 2018 11:39

Tgt Ion:	69	Resp:	290957
Ion	Ratio	Lower	Upper
69	100		
41	75.5	60.0	90.0
39	35.4	29.5	44.3



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

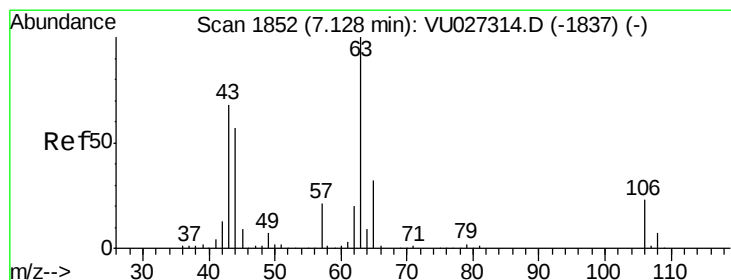
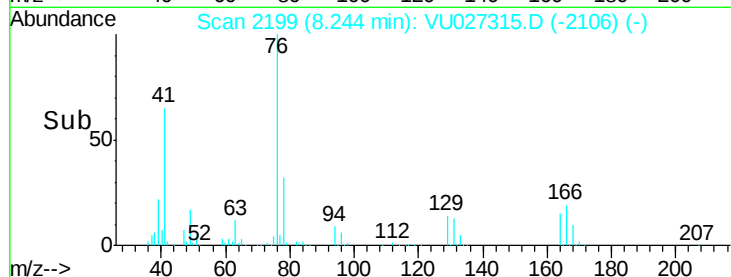
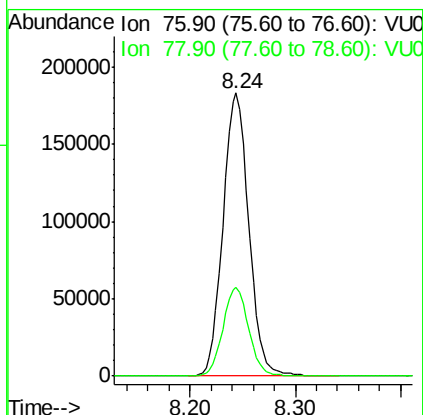
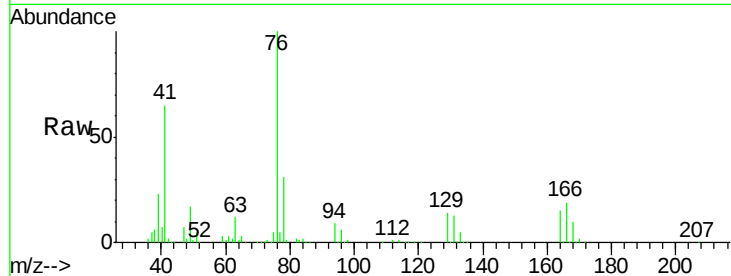




#57
 1,3-Dichloropropane
 Concen: 104.422 ug/l
 RT: 8.24 min Scan# 2199
 Delta R.T. 0.00 min
 Lab File: VU027315.D
 Acq: 01 Oct 2018 11:39

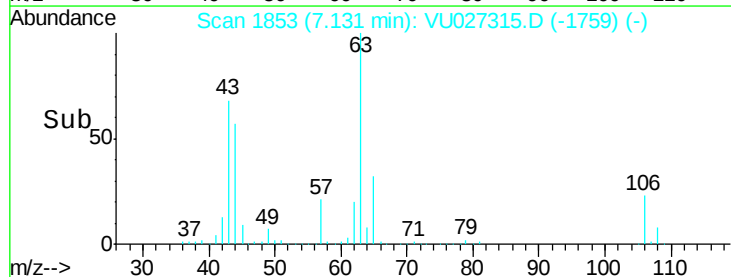
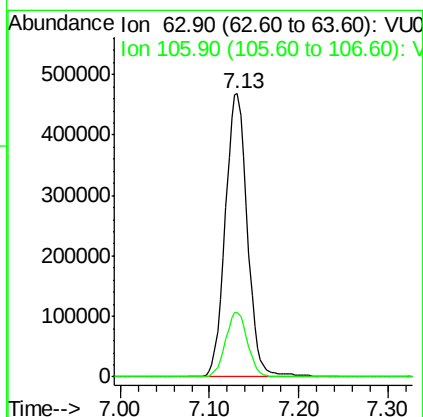
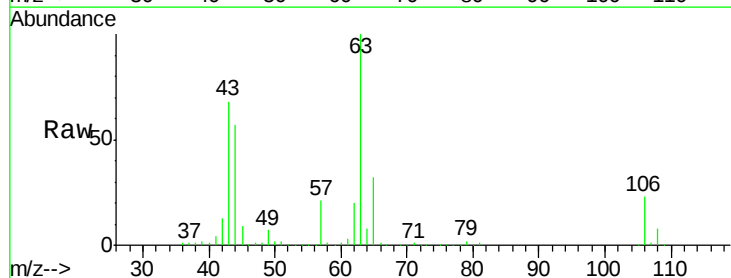
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC100

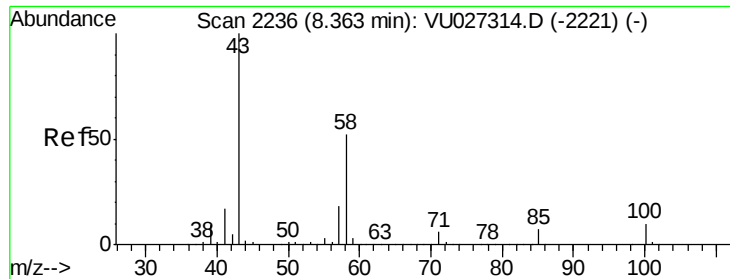
Tgt Ion: 76 Resp: 310072
 Ion Ratio Lower Upper
 76 100
 78 31.3 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 566.471 ug/l
 RT: 7.13 min Scan# 1853
 Delta R.T. 0.00 min
 Lab File: VU027315.D
 Acq: 01 Oct 2018 11:39

Tgt Ion: 63 Resp: 803331
 Ion Ratio Lower Upper
 63 100
 106 23.0 18.5 27.7

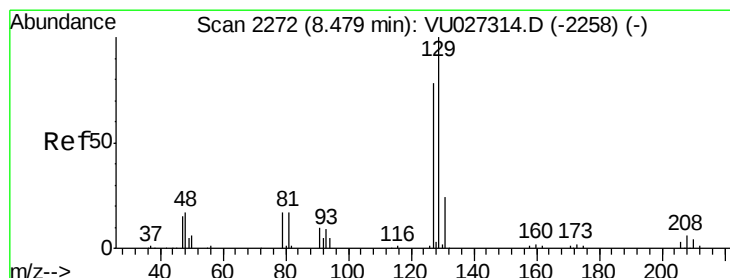
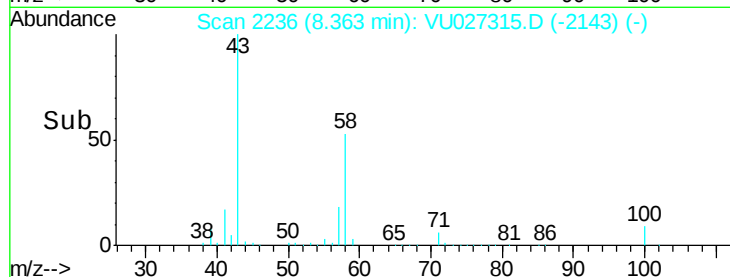
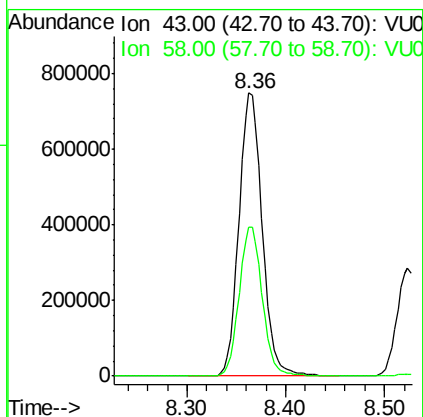
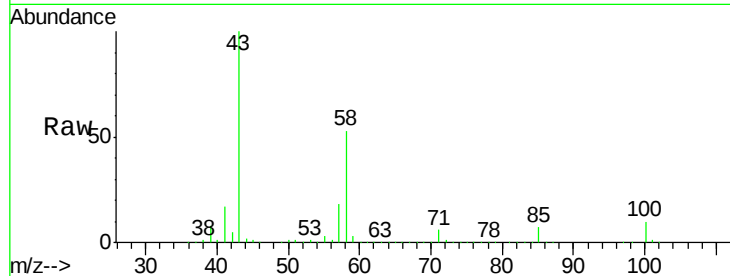




#59
2-Hexanone
Concen: 539.192 ug/l
RT: 8.36 min Scan# 2236
Delta R.T. 0.00 min
Lab File: VU027315.D
Acq: 01 Oct 2018 11:39

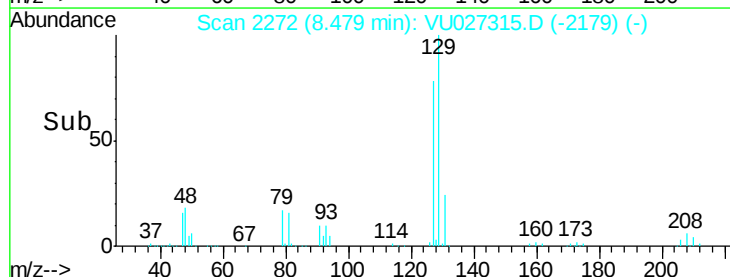
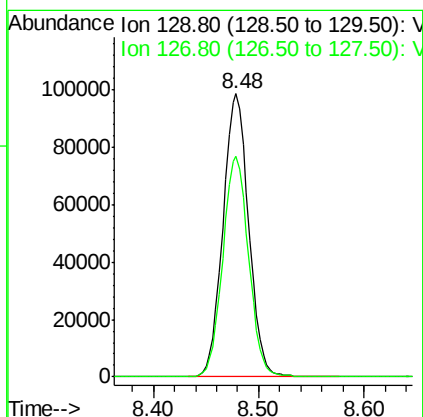
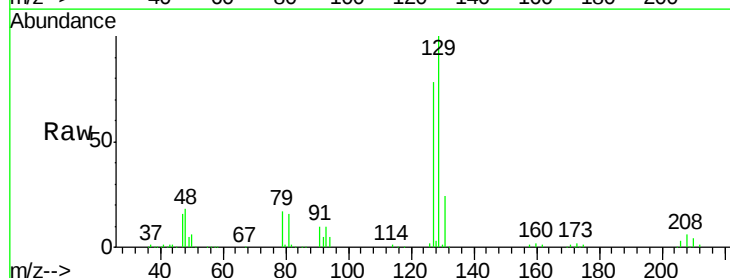
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100

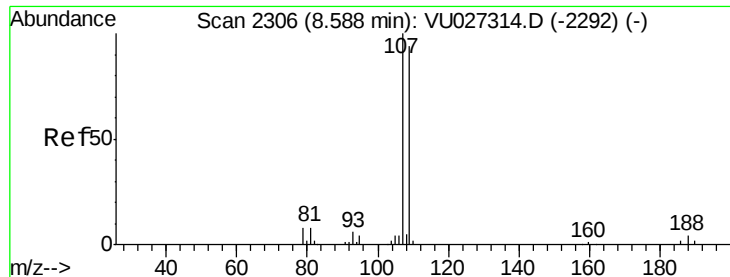
Tgt Ion: 43 Resp: 1220756
Ion Ratio Lower Upper
43 100
58 52.6 26.1 78.3



#60
Dibromochloromethane
Concen: 108.455 ug/l
RT: 8.48 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VU027315.D
Acq: 01 Oct 2018 11:39

Tgt Ion: 129 Resp: 166384
Ion Ratio Lower Upper
129 100
127 78.3 39.1 117.2

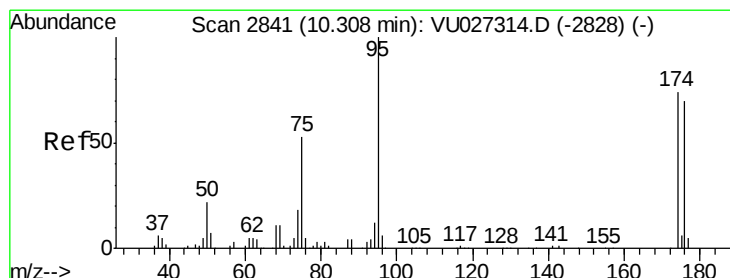
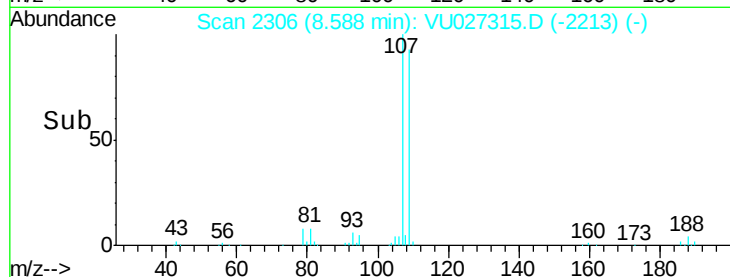
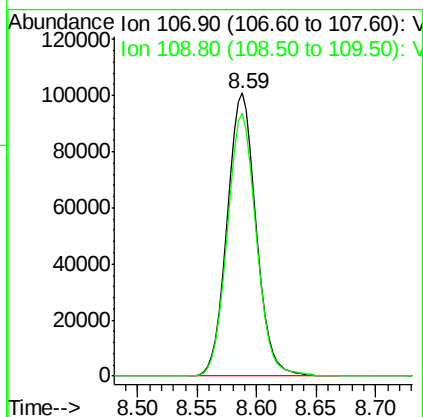
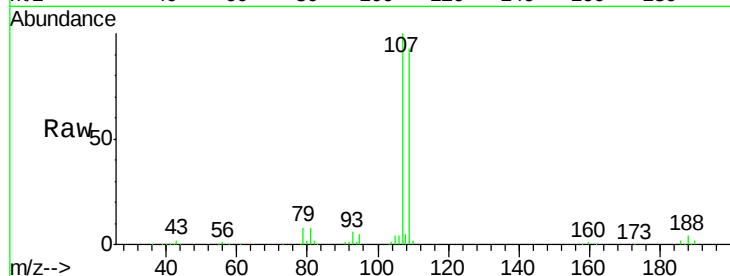




#61
 1,2-Dibromoethane
 Concen: 104.656 ug/l
 RT: 8.59 min Scan# 2306
 Delta R.T. 0.00 min
 Lab File: VU027315.D
 Acq: 01 Oct 2018 11:39

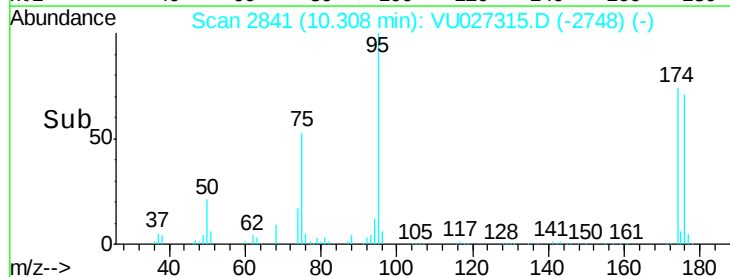
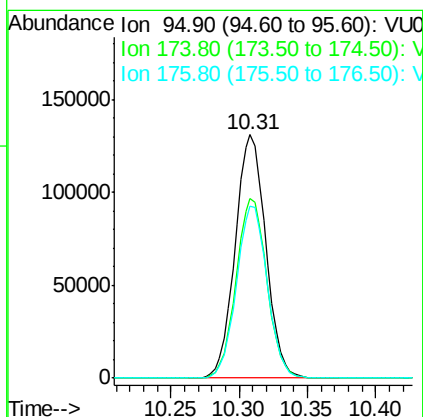
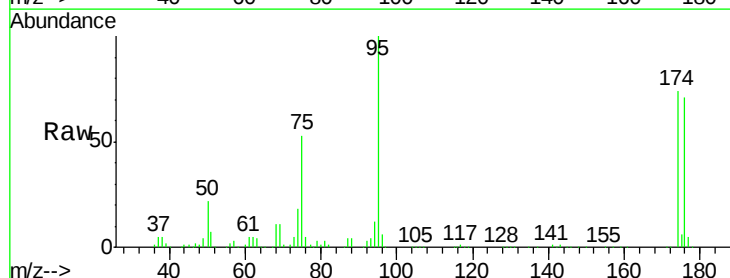
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC100

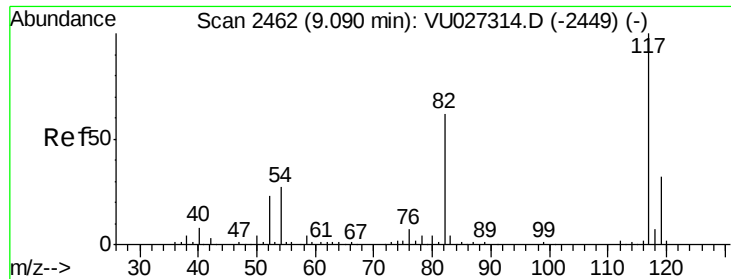
Tgt Ion: 107 Resp: 170205
 Ion Ratio Lower Upper
 107 100
 109 93.4 74.5 111.7



#62
 4-Bromofluorobenzene
 Concen: 105.371 ug/l
 RT: 10.31 min Scan# 2841
 Delta R.T. -0.00 min
 Lab File: VU027315.D
 Acq: 01 Oct 2018 11:39

Tgt Ion: 95 Resp: 203728
 Ion Ratio Lower Upper
 95 100
 174 74.3 0.0 147.8
 176 71.3 0.0 140.8

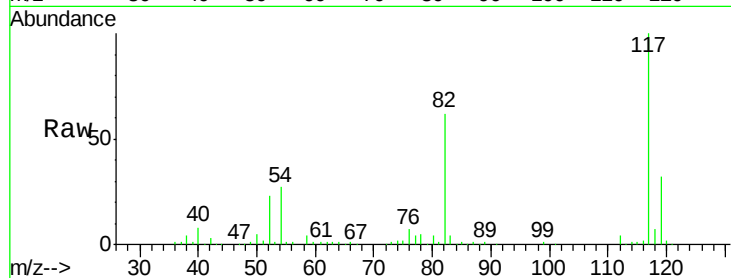




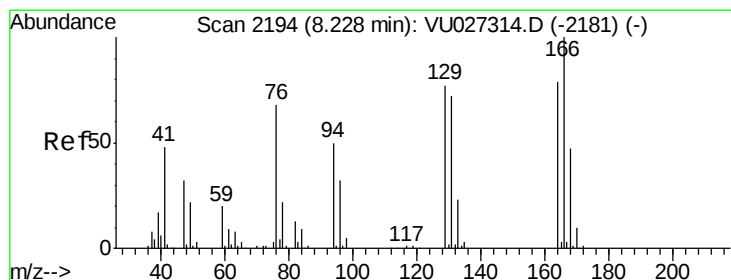
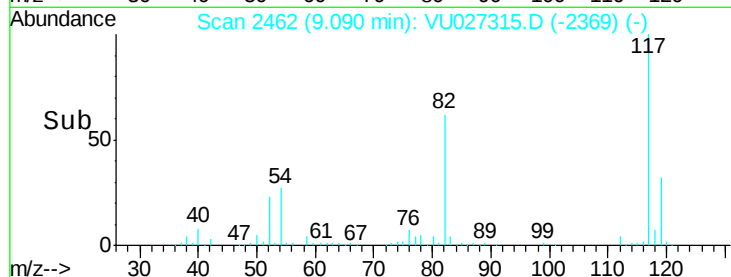
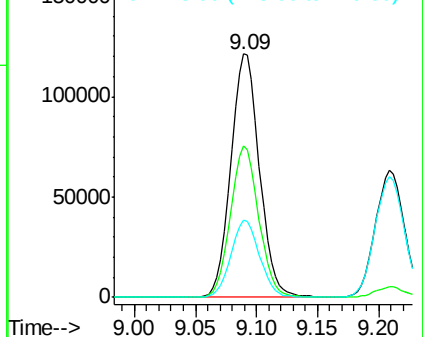
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. 0.00 min
Lab File: VU027315.D
Acq: 01 Oct 2018 11:39

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100

Tgt Ion:117 Resp: 197944
Ion Ratio Lower Upper
117 100
82 62.3 49.2 73.8
119 31.7 25.7 38.5



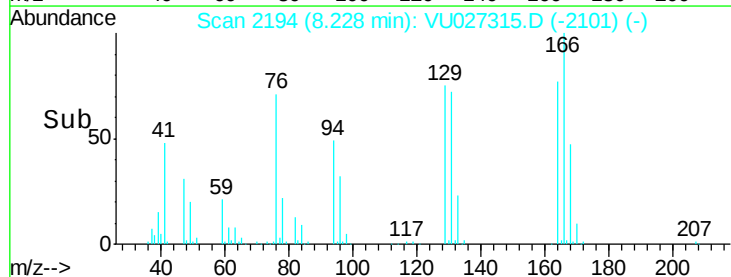
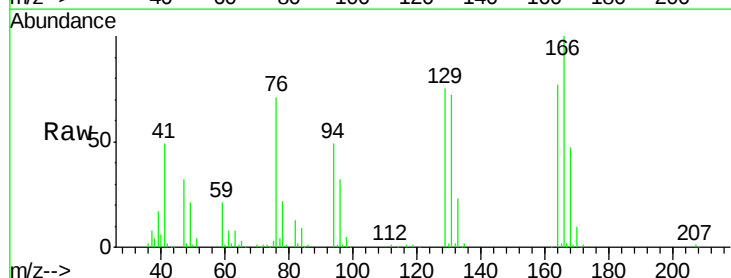
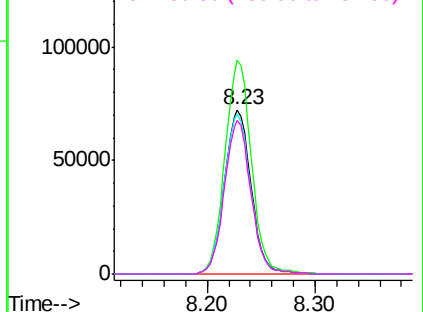
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

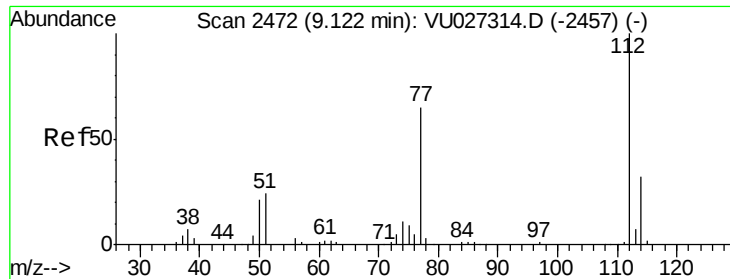


#64
Tetrachloroethene
Concen: 100.999 ug/l
RT: 8.23 min Scan# 2194
Delta R.T. 0.00 min
Lab File: VU027315.D
Acq: 01 Oct 2018 11:39

Tgt Ion:164 Resp: 124455
Ion Ratio Lower Upper
164 100
166 130.1 101.0 151.6
129 97.6 78.0 117.0
131 94.0 72.6 109.0

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

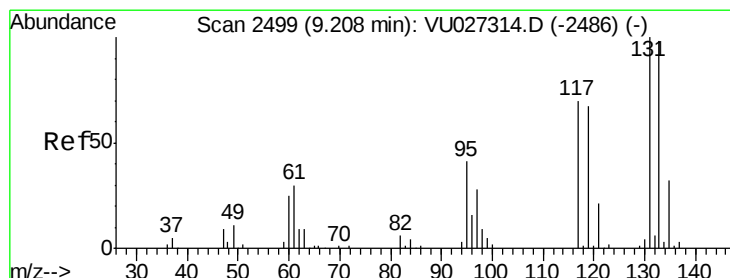
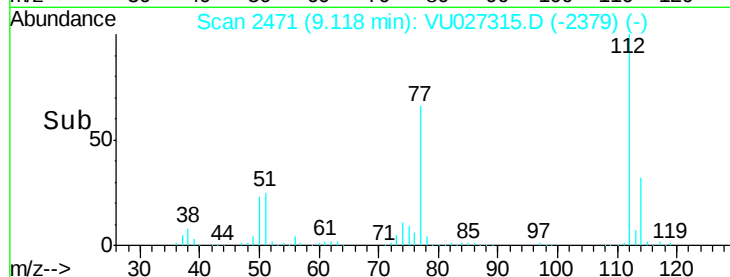
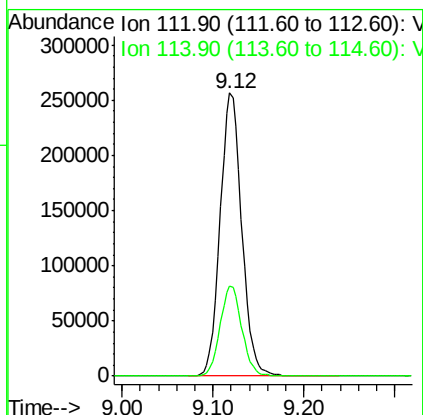
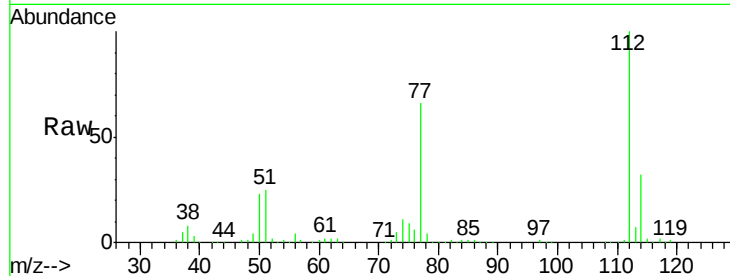




#65
Chlorobenzene
Concen: 101.461 ug/l
RT: 9.12 min Scan# 2471
Delta R.T. -0.00 min
Lab File: VU027315.D
Acq: 01 Oct 2018 11:39

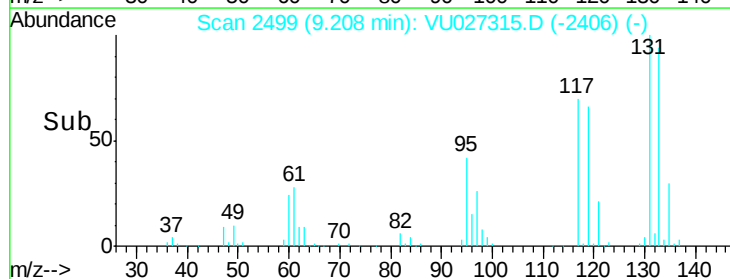
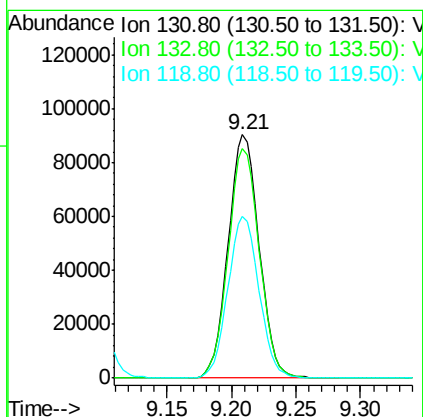
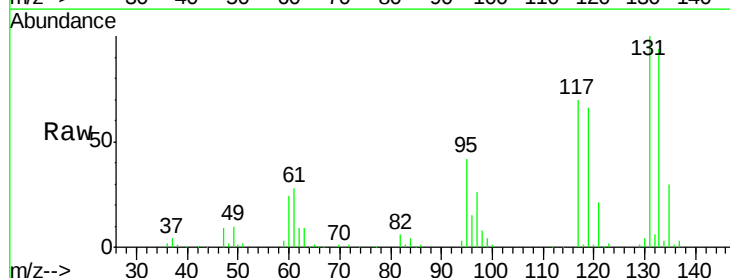
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100

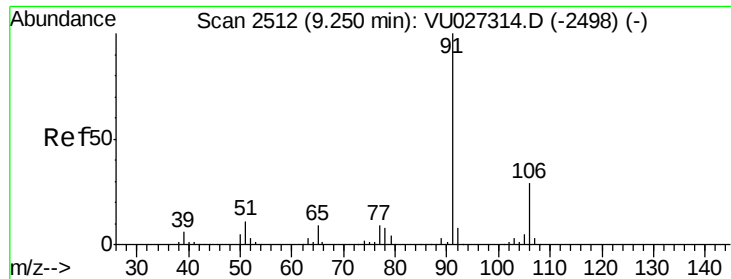
Tgt Ion:112 Resp: 422746
Ion Ratio Lower Upper
112 100
114 31.8 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 104.555 ug/l
RT: 9.21 min Scan# 2499
Delta R.T. 0.00 min
Lab File: VU027315.D
Acq: 01 Oct 2018 11:39

Tgt Ion:131 Resp: 150389
Ion Ratio Lower Upper
131 100
133 95.3 48.5 145.6
119 66.9 33.5 100.4





#67

Ethyl Benzene

Concen: 107.029 ug/l

RT: 9.25 min Scan# 2512

Delta R.T. 0.00 min

Lab File: VU027315.D

Acq: 01 Oct 2018 11:39

Instrument :

MSVOA_U

ClientSampleId :

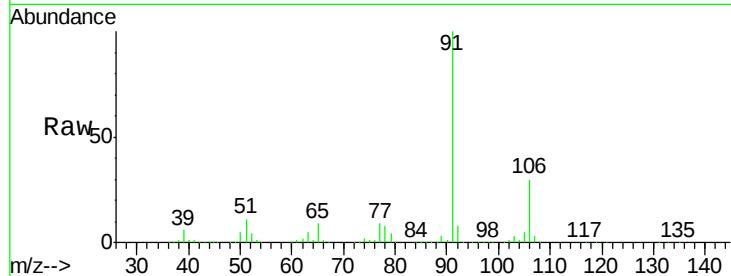
VSTDIC100

Tgt Ion: 91 Resp: 790090

Ion Ratio Lower Upper

91 100

106 29.6 23.6 35.4



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 106.00 (105.70 to 106.70): V

800000

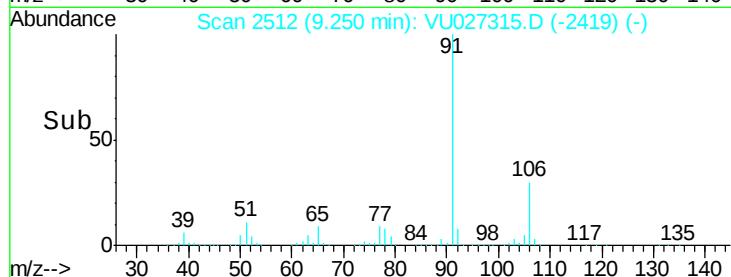
600000

400000

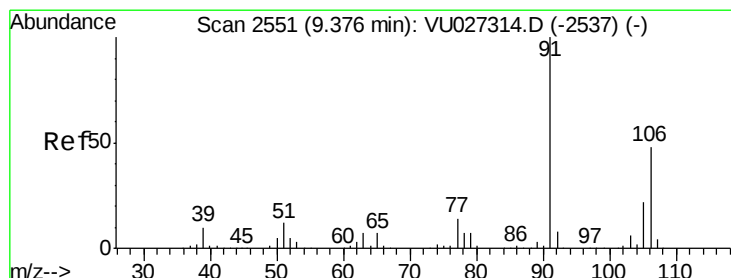
200000

0

9.15 9.20 9.25 9.30 9.35



Time-->



#68

m/p-Xylenes

Concen: 215.533 ug/l

RT: 9.38 min Scan# 2551

Delta R.T. 0.00 min

Lab File: VU027315.D

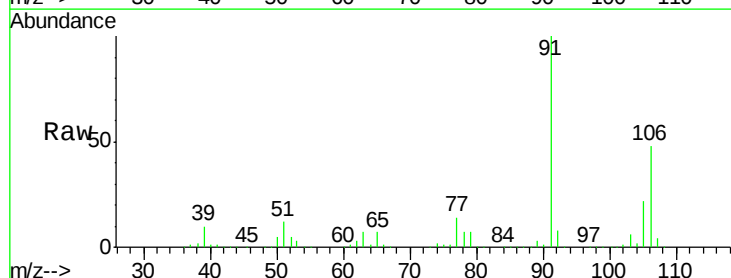
Acq: 01 Oct 2018 11:39

Tgt Ion: 106 Resp: 581986

Ion Ratio Lower Upper

106 100

91 210.6 168.1 252.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0

800000

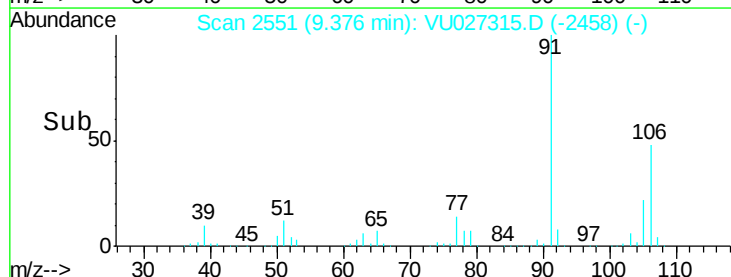
600000

400000

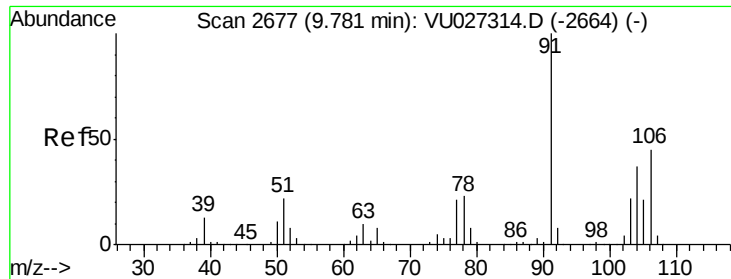
200000

0

9.30 9.40 9.50



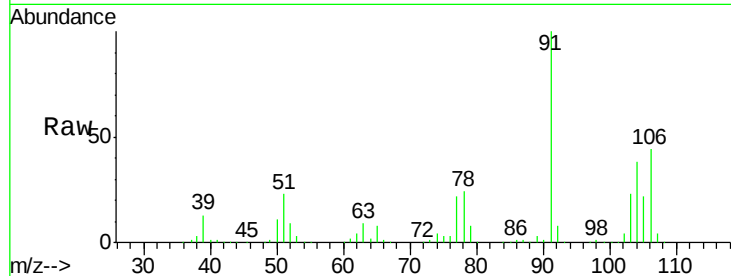
Time-->



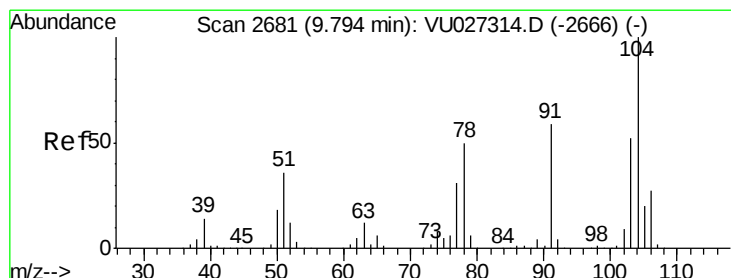
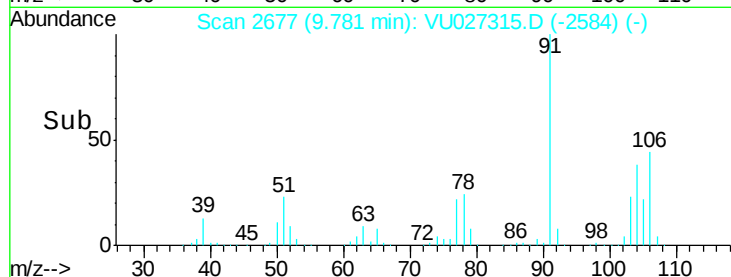
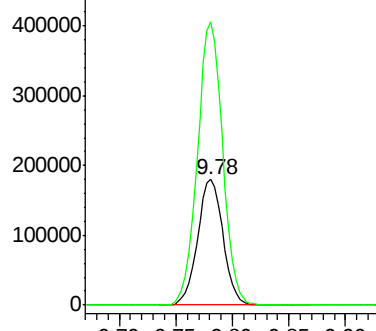
#69
o-Xylene
Concen: 109.791 ug/l
RT: 9.78 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VU027315.D
Acq: 01 Oct 2018 11:39

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100

Tgt Ion:106 Resp: 281723
Ion Ratio Lower Upper
106 100
91 223.1 111.7 334.9

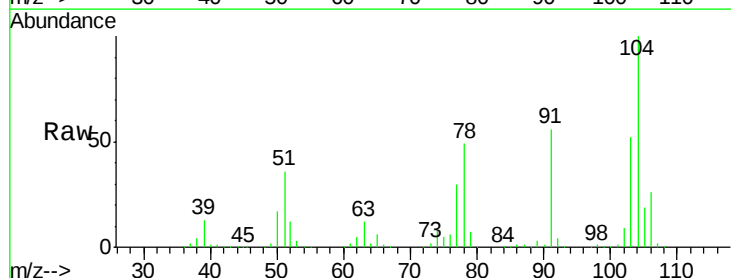


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

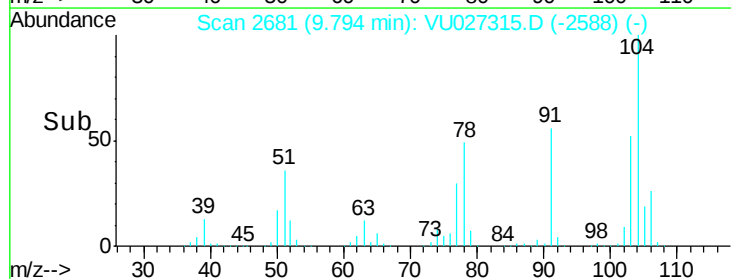
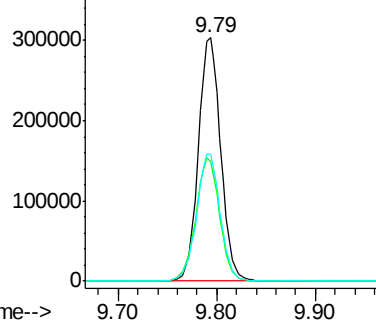


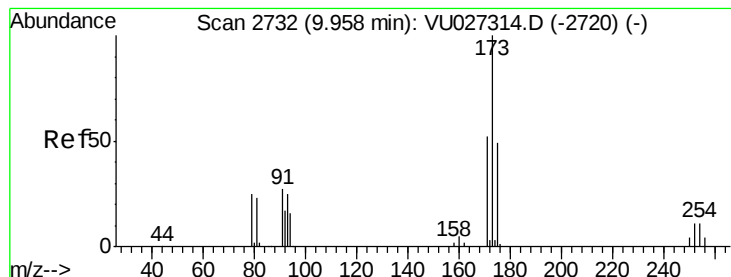
#70
Styrene
Concen: 113.135 ug/l
RT: 9.79 min Scan# 2681
Delta R.T. -0.00 min
Lab File: VU027315.D
Acq: 01 Oct 2018 11:39

Tgt Ion:104 Resp: 476720
Ion Ratio Lower Upper
104 100
78 53.9 42.9 64.3
103 55.1 43.9 65.9



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





#71

Bromoform

Concen: 107.864 ug/l

RT: 9.96 min Scan# 2732

Delta R.T. 0.00 min

Lab File: VU027315.D

Acq: 01 Oct 2018 11:39

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC100

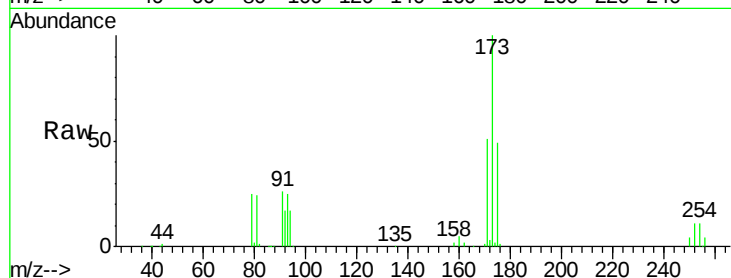
Tgt Ion:173 Resp: 124826

Ion Ratio Lower Upper

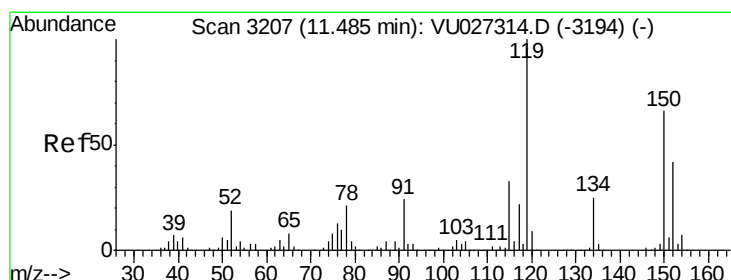
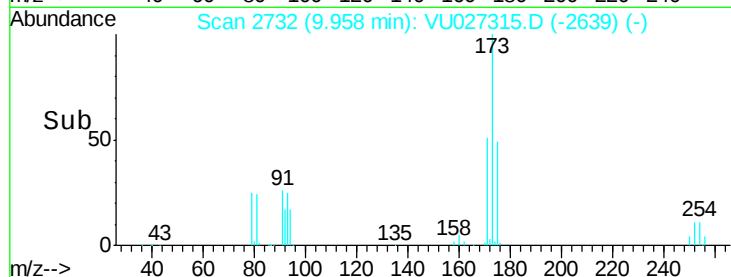
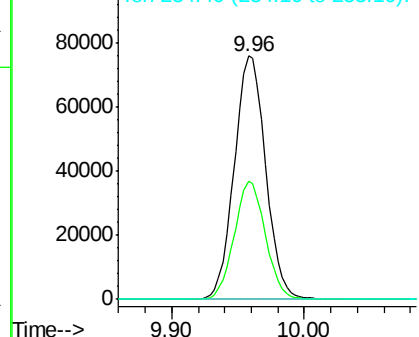
173 100

175 48.2 24.3 73.0

254 0.1 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: VU027315.D

Acq: 01 Oct 2018 11:39

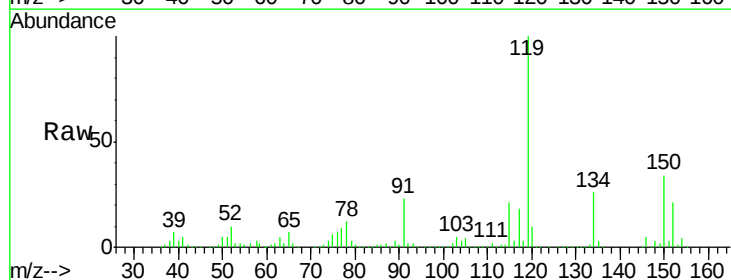
Tgt Ion:152 Resp: 101978

Ion Ratio Lower Upper

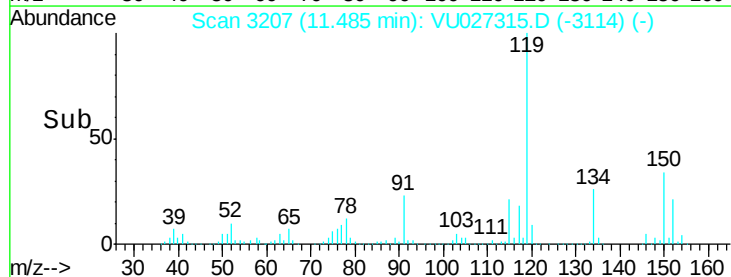
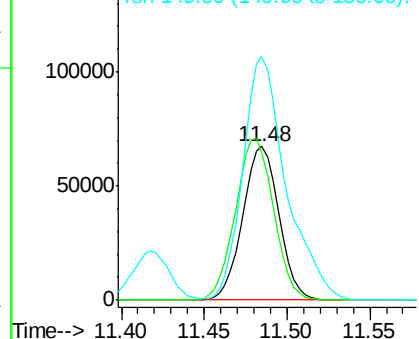
152 100

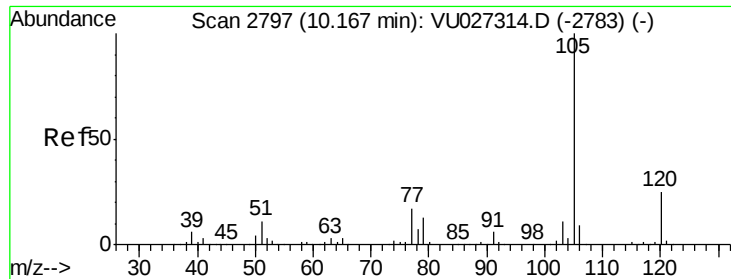
115 111.5 43.4 130.2

150 190.6 0.0 349.2



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





#73

Isopropylbenzene

Concen: 103.829 ug/l

RT: 10.17 min Scan# 2797

Delta R.T. 0.00 min

Lab File: VU027315.D

Acq: 01 Oct 2018 11:39

Instrument :

MSVOA_U

ClientSampled :

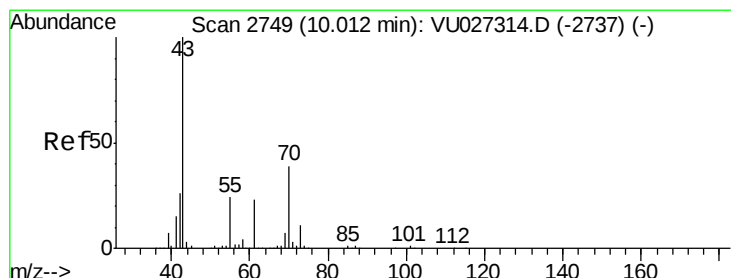
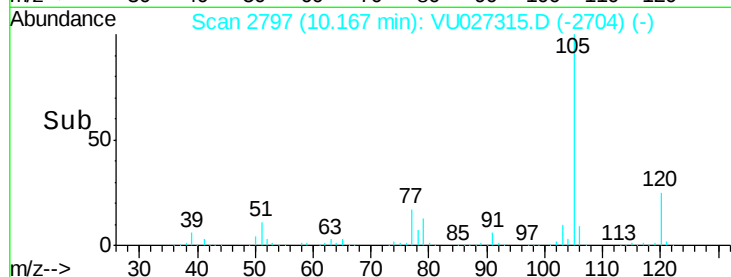
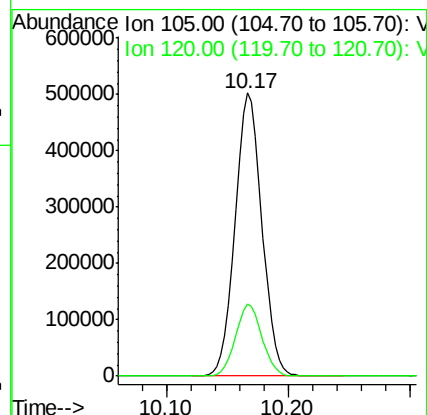
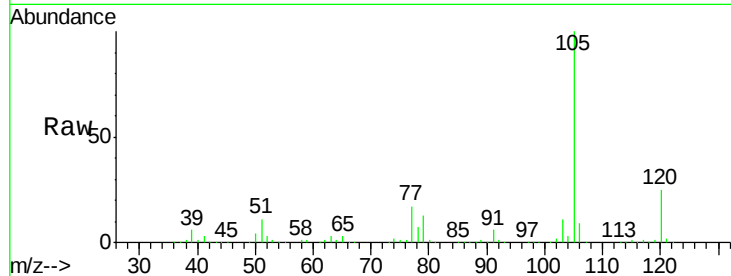
VSTDIC100

Tgt Ion: 105 Resp: 769014

Ion Ratio Lower Upper

105 100

120 25.2 12.6 37.8



#74

N-ethyl acetate

Concen: 107.471 ug/l

RT: 10.02 min Scan# 2750

Delta R.T. 0.00 min

Lab File: VU027315.D

Acq: 01 Oct 2018 11:39

Tgt Ion: 43 Resp: 455687

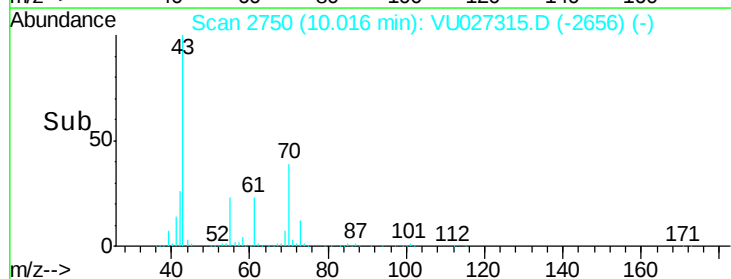
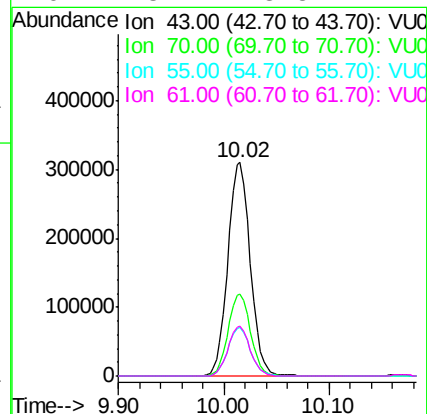
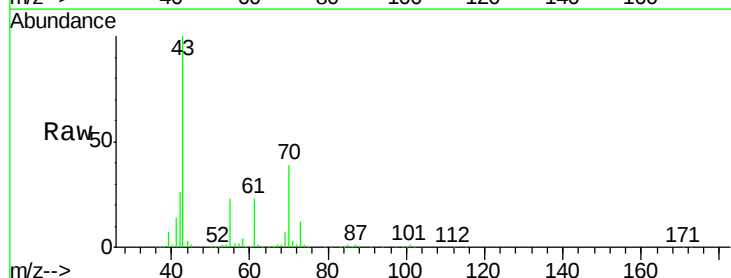
Ion Ratio Lower Upper

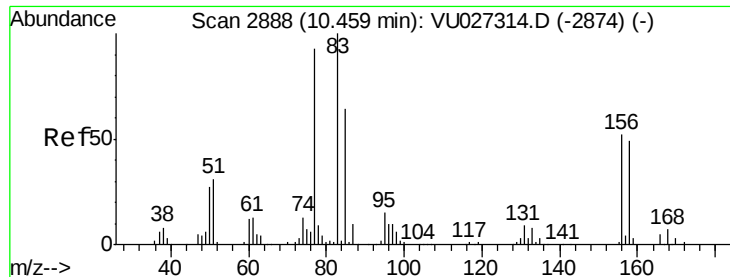
43 100

70 38.5 31.3 46.9

55 23.0 19.0 28.6

61 23.2 18.5 27.7





#75

1,1,2,2-Tetrachloroethane

Concen: 97.564 ug/l

RT: 10.46 min Scan# 2888

Delta R.T. -0.00 min

Lab File: VU027315.D

Acq: 01 Oct 2018 11:39

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC100

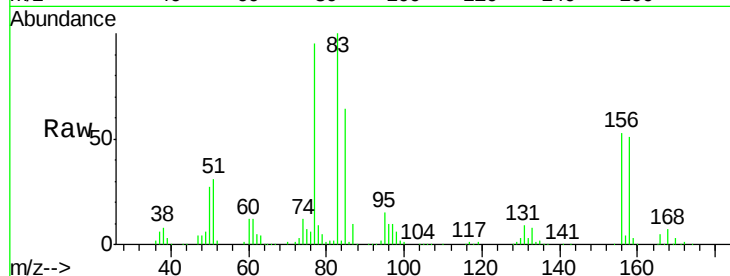
Tgt Ion: 83 Resp: 283737

Ion Ratio Lower Upper

83 100

131 8.6 4.4 13.2

85 64.5 32.0 96.0

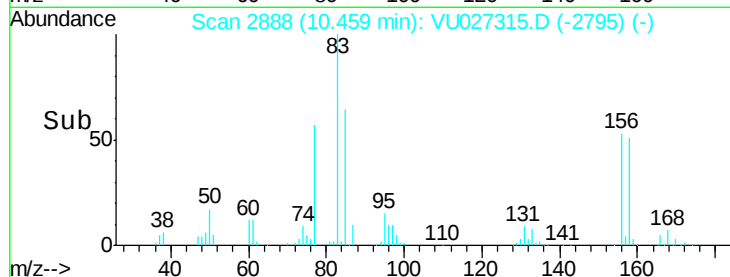


Abundance Ion 82.90 (82.60 to 83.60): VU027315.D (-2874) (-)

Ion 130.80 (130.50 to 131.50): VU027315.D (-2874) (-)

Ion 84.90 (84.60 to 85.60): VU027315.D (-2874) (-)

Time-->



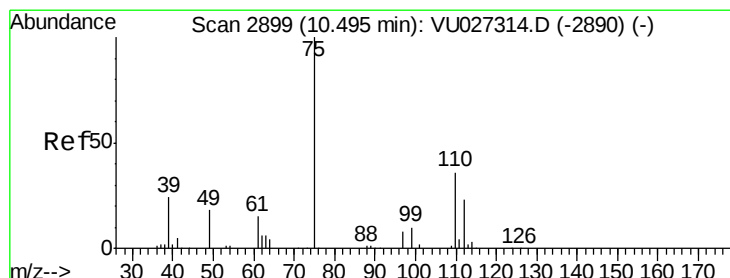
Abundance

Ion 82.90 (82.60 to 83.60): VU027315.D (-2874) (-)

Ion 130.80 (130.50 to 131.50): VU027315.D (-2874) (-)

Ion 84.90 (84.60 to 85.60): VU027315.D (-2874) (-)

Time-->



#76

1,2,3-Trichloropropane

Concen: 122.170 ug/l

RT: 10.49 min Scan# 2899

Delta R.T. -0.00 min

Lab File: VU027315.D

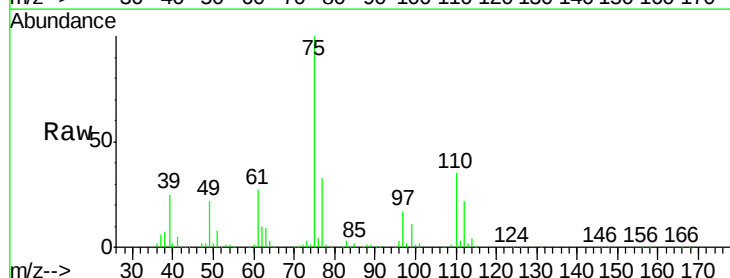
Acq: 01 Oct 2018 11:39

Tgt Ion: 75 Resp: 347323

Ion Ratio Lower Upper

75 100

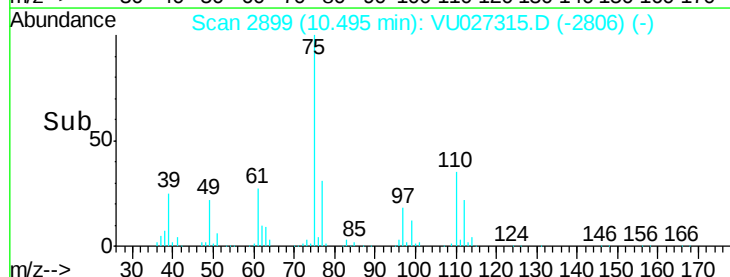
77 30.9 20.3 60.9



Abundance Ion 74.90 (74.60 to 75.60): VU027315.D (-2890) (-)

Ion 77.00 (76.70 to 77.70): VU027315.D (-2890) (-)

Time-->

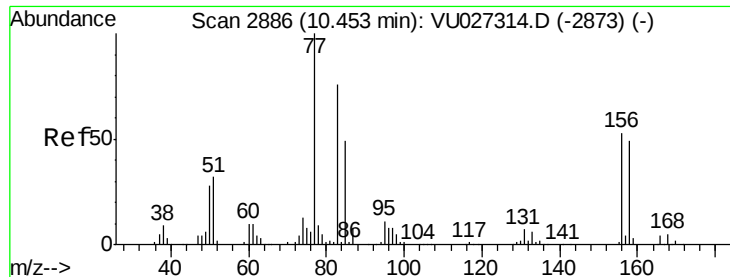


Abundance

Ion 74.90 (74.60 to 75.60): VU027315.D (-2890) (-)

Ion 77.00 (76.70 to 77.70): VU027315.D (-2890) (-)

Time-->



#77

Bromobenzene

Concen: 101.393 ug/l

RT: 10.45 min Scan# 2886

Delta R.T. -0.00 min

Lab File: VU027315.D

Acq: 01 Oct 2018 11:39

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC100

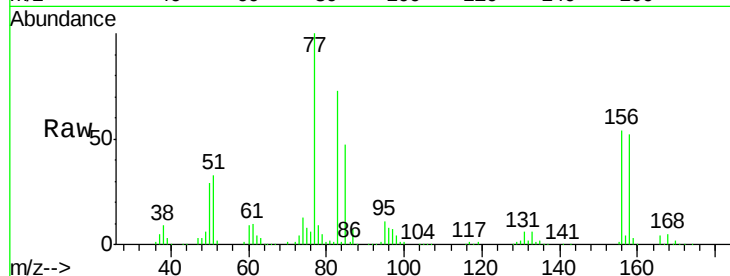
Tgt Ion:156 Resp: 174528

Ion Ratio Lower Upper

156 100

77 187.5 94.8 284.4

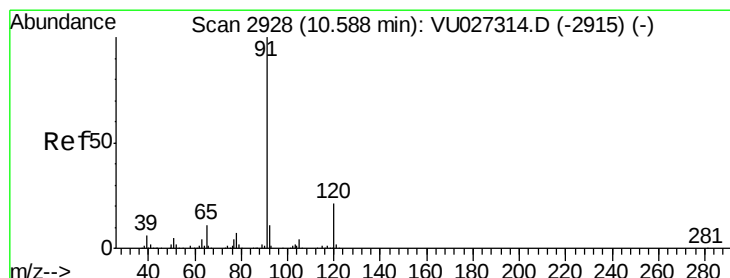
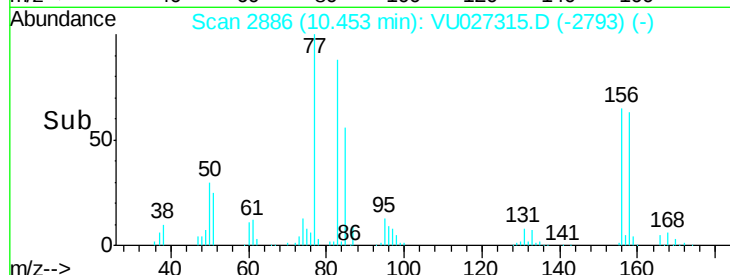
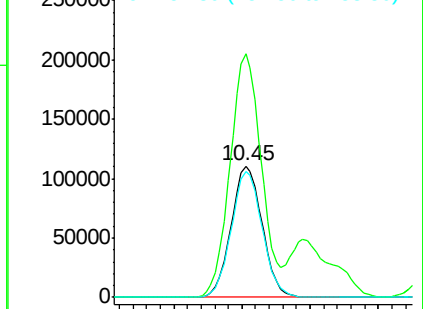
158 95.7 47.4 142.3



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: 105.723 ug/l

RT: 10.59 min Scan# 2928

Delta R.T. 0.00 min

Lab File: VU027315.D

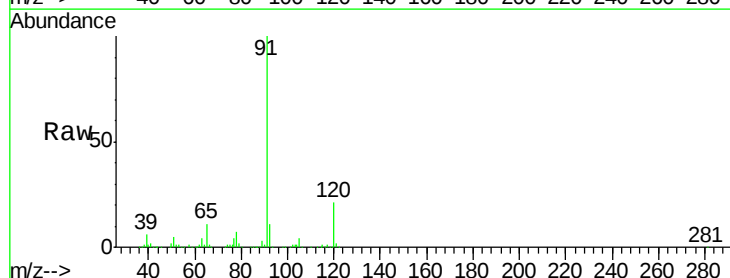
Acq: 01 Oct 2018 11:39

Tgt Ion: 91 Resp: 940919

Ion Ratio Lower Upper

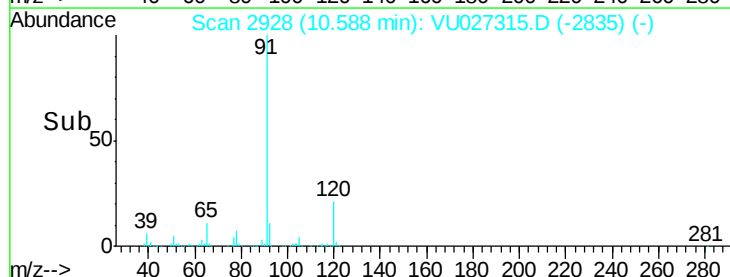
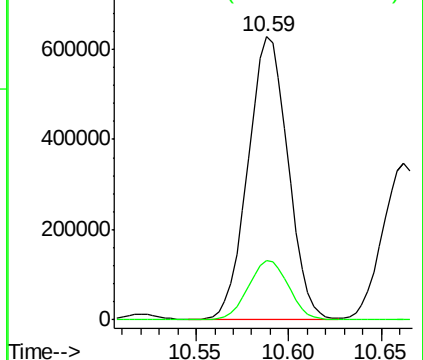
91 100

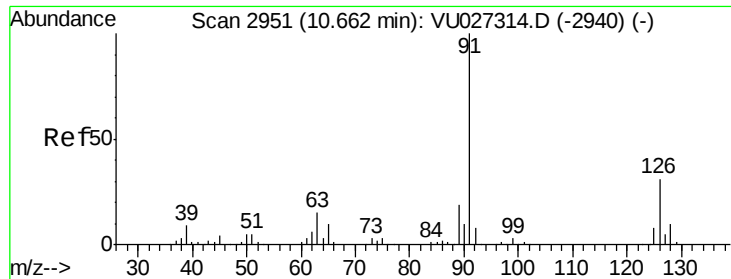
120 21.1 10.6 31.8



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 100.876 ug/l

RT: 10.66 min Scan# 2951

Delta R.T. -0.00 min

Lab File: VU027315.D

Acq: 01 Oct 2018 11:39

Instrument :

MSVOA_U

ClientSampleId :

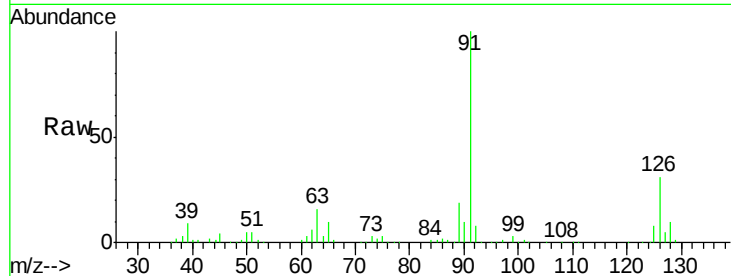
VSTDIC100

Tgt Ion: 91 Resp: 542071

Ion Ratio Lower Upper

91 100

126 31.2 15.7 47.1



Abundance Ion 91.00 (90.70 to 91.70): VU027315.D (-2940) (-)

Ion 125.90 (125.60 to 126.60): VU027315.D (-2940) (-)

600000

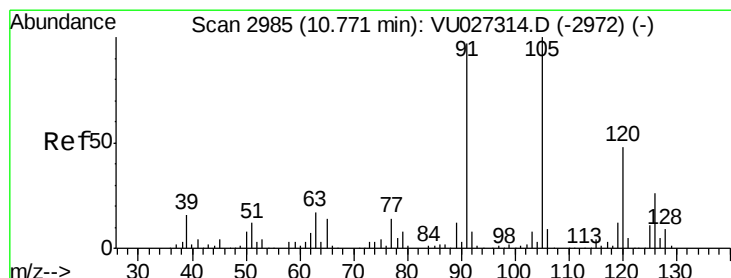
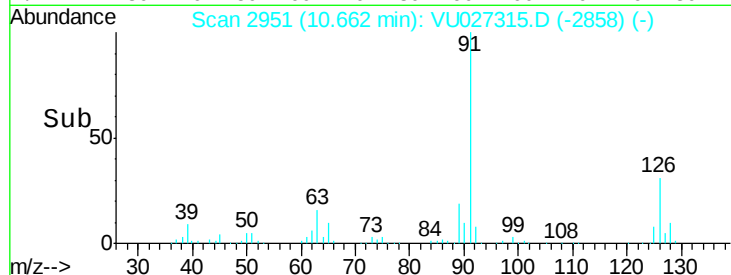
400000

200000

0

10.60 10.65 10.70

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 106.891 ug/l

RT: 10.77 min Scan# 2985

Delta R.T. -0.00 min

Lab File: VU027315.D

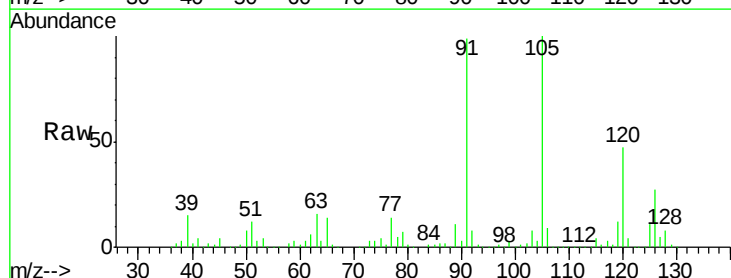
Acq: 01 Oct 2018 11:39

Tgt Ion: 105 Resp: 644557

Ion Ratio Lower Upper

105 100

120 47.6 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): VU027315.D (-2972) (-)

Ion 120.00 (119.70 to 120.70): VU027315.D (-2972) (-)

500000

400000

300000

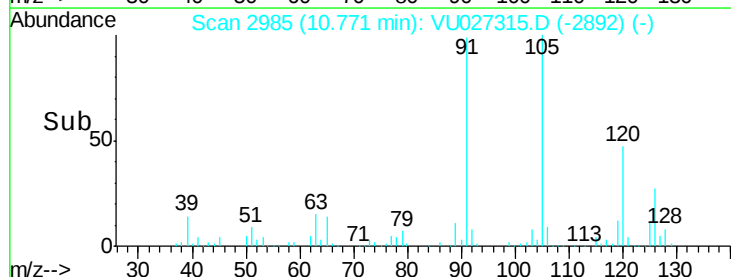
200000

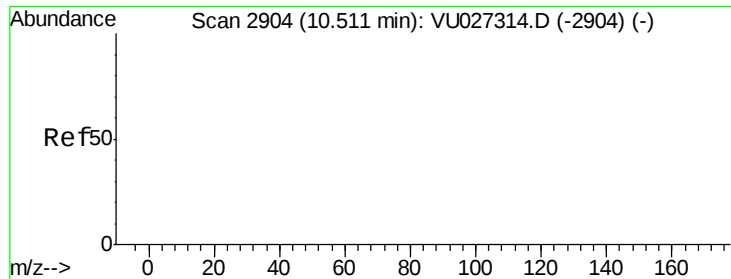
100000

0

10.70 10.80 10.90

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 314.852 ug/l

RT: 10.49 min Scan# 2899

Delta R.T. -0.02 min

Lab File: VU027315.D

Acq: 01 Oct 2018 11:39

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC100

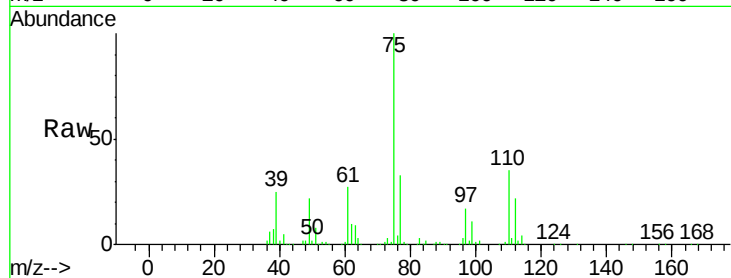
Tgt Ion: 75 Resp: 347323

Ion Ratio Lower Upper

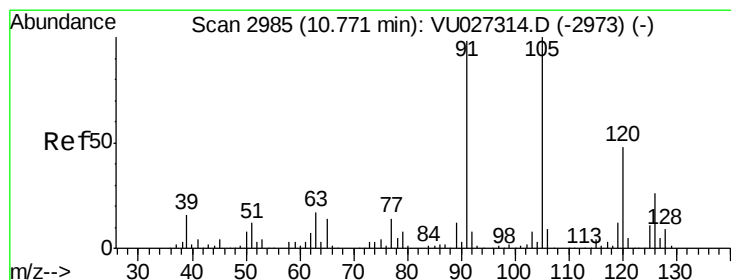
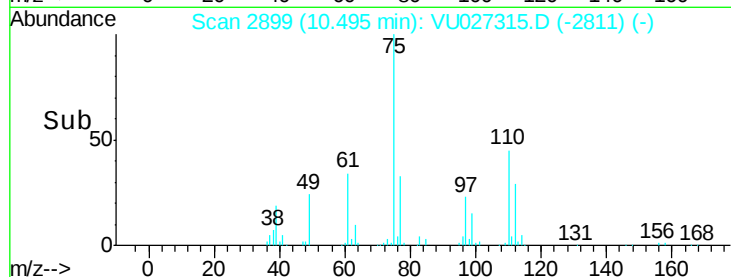
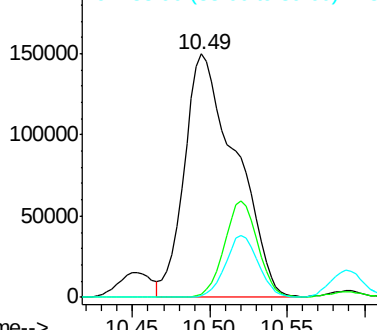
75 100

53 0.0 0.0 0.0

89 0.0 0.0 0.0



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



#82

4-Chlorotoluene

Concen: 104.790 ug/l

RT: 10.77 min Scan# 2985

Delta R.T. -0.00 min

Lab File: VU027315.D

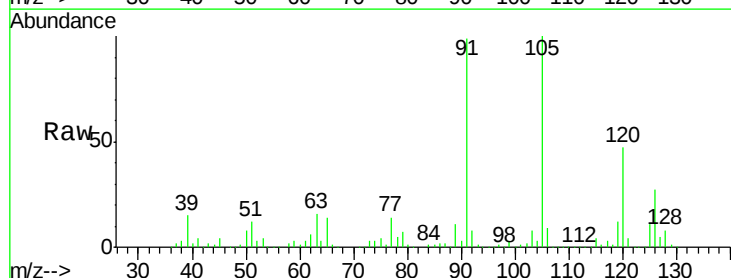
Acq: 01 Oct 2018 11:39

Tgt Ion: 91 Resp: 639016

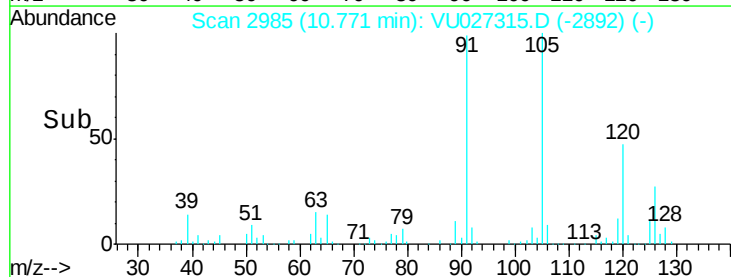
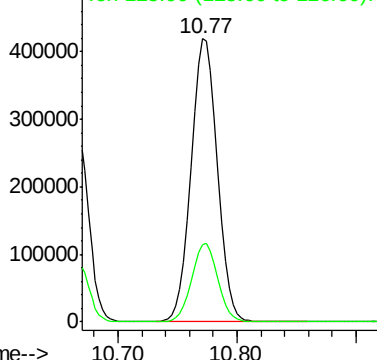
Ion Ratio Lower Upper

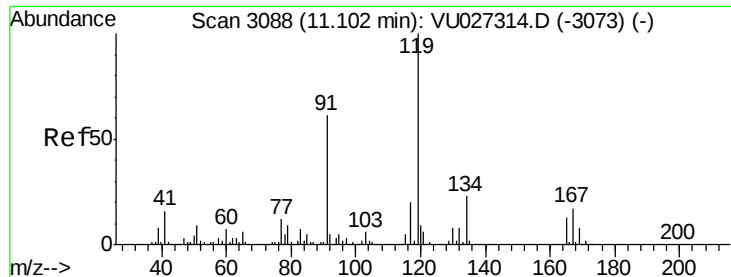
91 100

126 27.8 13.6 40.8



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

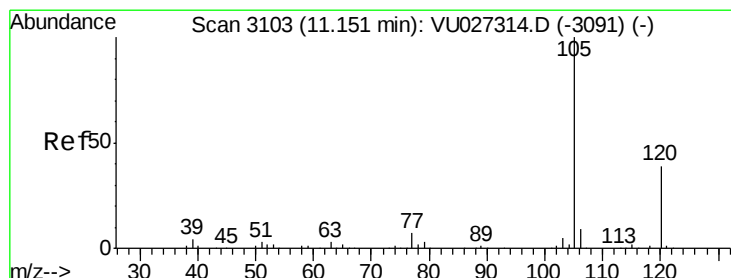
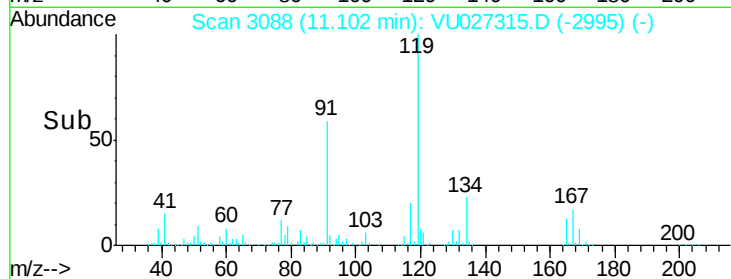
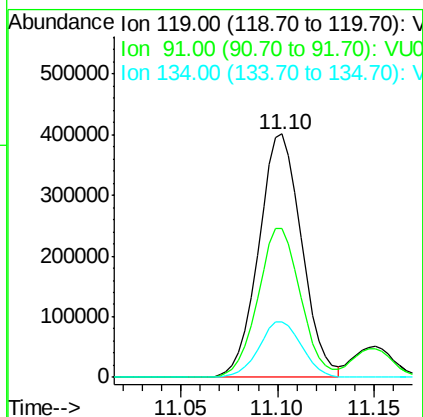
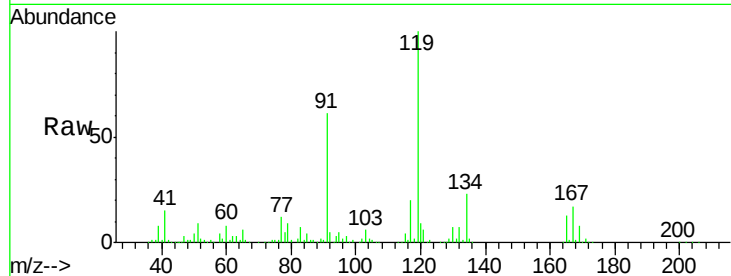




#83
 tert-Butylbenzene
 Concen: 106.314 ug/l
 RT: 11.10 min Scan# 3088
 Delta R.T. 0.00 min
 Lab File: VU027315.D
 Acq: 01 Oct 2018 11:39

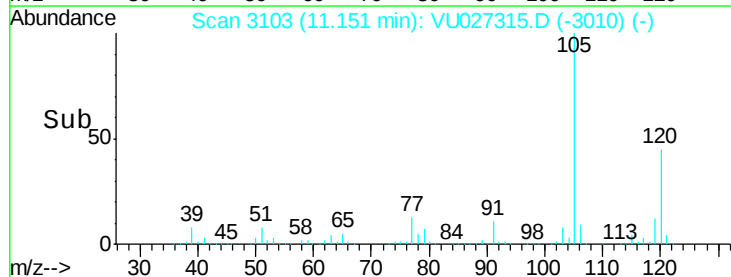
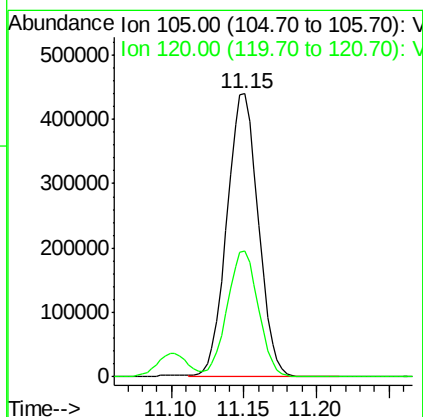
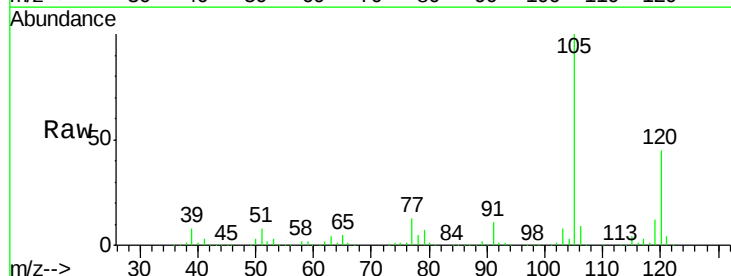
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC100

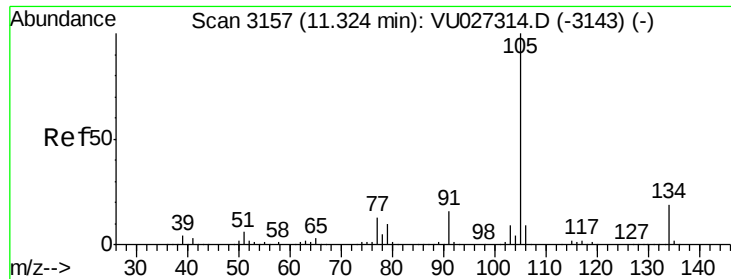
Tgt Ion:119 Resp: 619751
 Ion Ratio Lower Upper
 119 100
 91 60.7 30.3 91.0
 134 22.8 11.5 34.4



#84
 1,2,4-Trimethylbenzene
 Concen: 107.233 ug/l
 RT: 11.15 min Scan# 3103
 Delta R.T. 0.00 min
 Lab File: VU027315.D
 Acq: 01 Oct 2018 11:39

Tgt Ion:105 Resp: 660515
 Ion Ratio Lower Upper
 105 100
 120 44.1 22.1 66.5

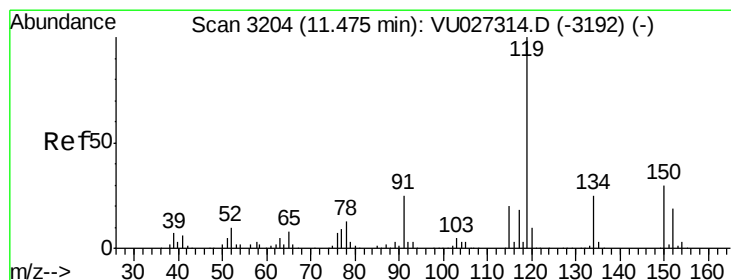
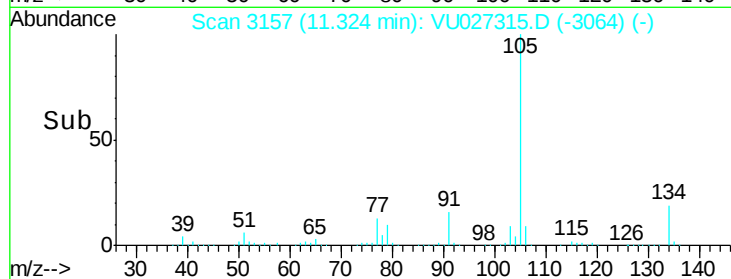
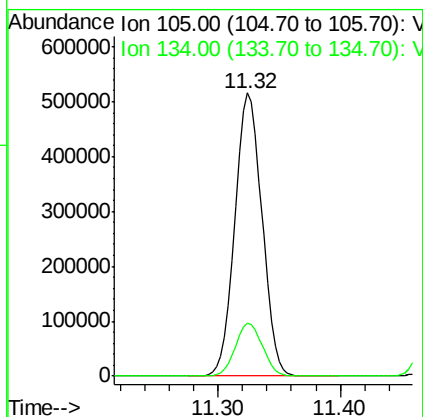
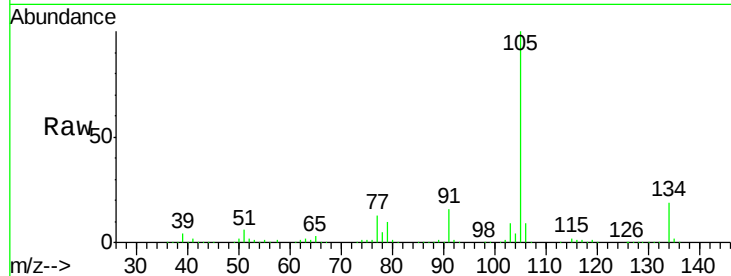




#85
 sec-Butylbenzene
 Concen: 108.087 ug/l
 RT: 11.32 min Scan# 3157
 Delta R.T. -0.00 min
 Lab File: VU027315.D
 Acq: 01 Oct 2018 11:39

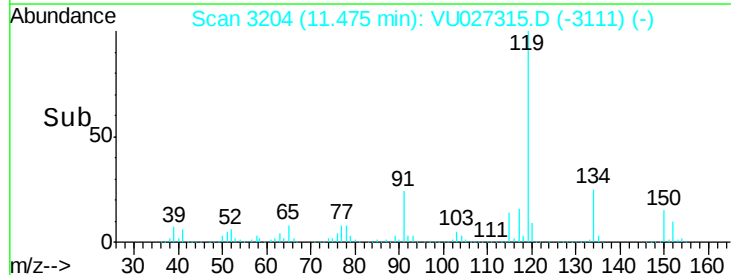
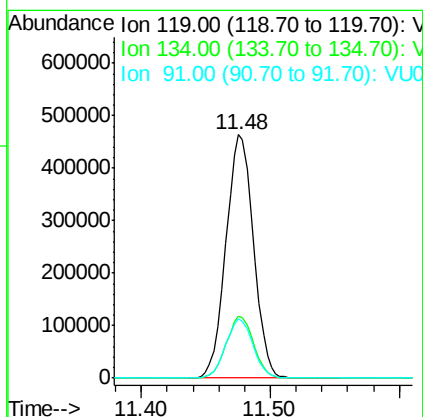
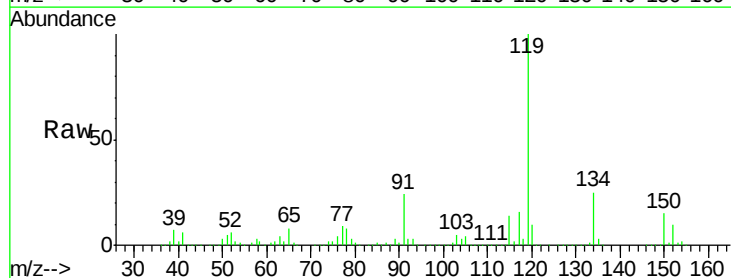
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC100

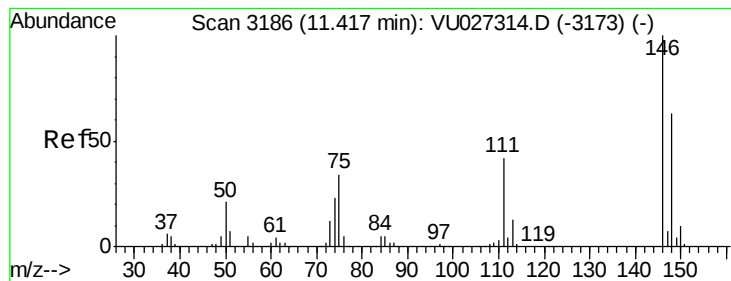
Tgt Ion:105 Resp: 793890
 Ion Ratio Lower Upper
 105 100
 134 18.7 9.6 28.6



#86
 p-Isopropyltoluene
 Concen: 108.765 ug/l
 RT: 11.48 min Scan# 3204
 Delta R.T. -0.00 min
 Lab File: VU027315.D
 Acq: 01 Oct 2018 11:39

Tgt Ion:119 Resp: 683999
 Ion Ratio Lower Upper
 119 100
 134 25.3 12.7 38.1
 91 24.3 12.2 36.4





#87

1,3-Dichlorobenzene

Concen: 101.125 ug/l

RT: 11.42 min Scan# 3186

Delta R.T. 0.00 min

Lab File: VU027315.D

Acq: 01 Oct 2018 11:39

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC100

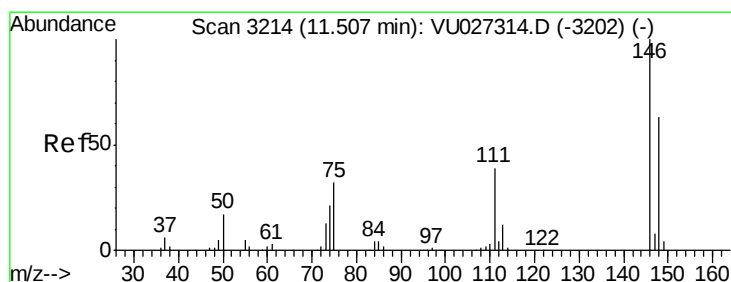
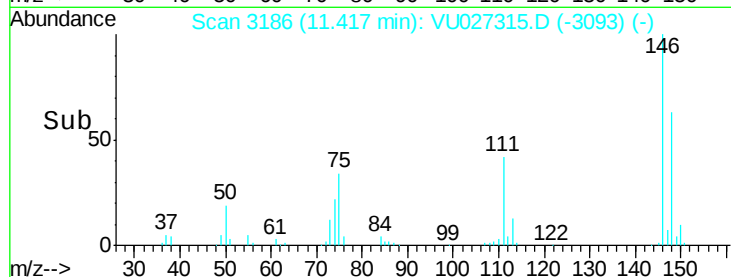
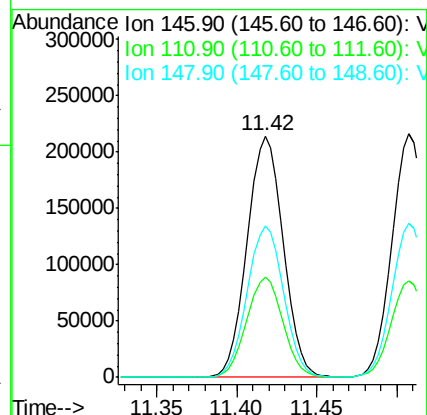
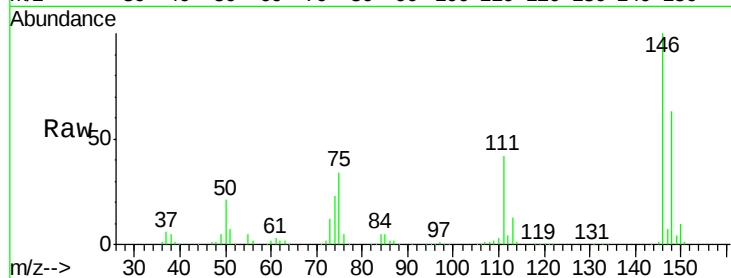
Tgt Ion:146 Resp: 329603

Ion Ratio Lower Upper

146 100

111 41.6 20.8 62.5

148 63.2 31.6 94.8



#88

1,4-Dichlorobenzene

Concen: 99.339 ug/l

RT: 11.51 min Scan# 3214

Delta R.T. 0.00 min

Lab File: VU027315.D

Acq: 01 Oct 2018 11:39

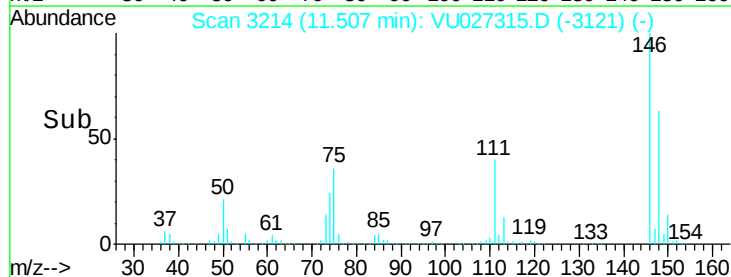
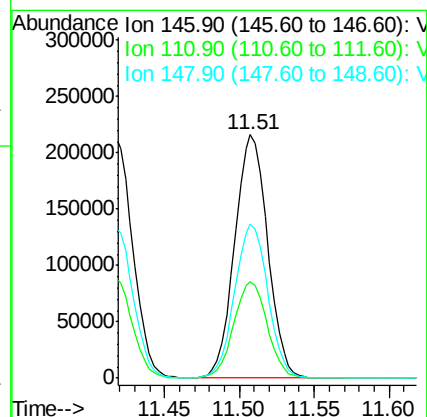
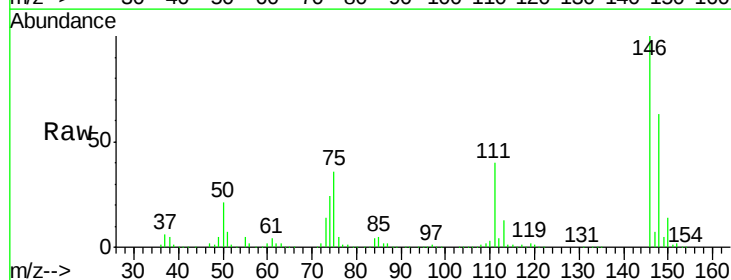
Tgt Ion:146 Resp: 330866

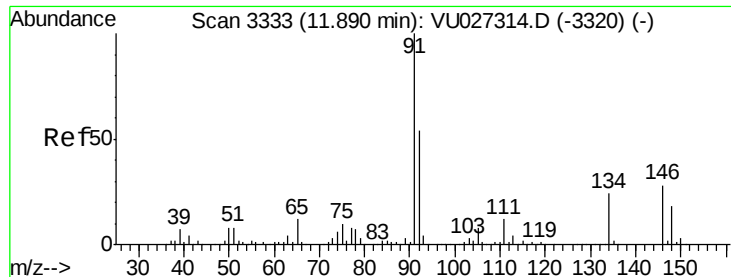
Ion Ratio Lower Upper

146 100

111 40.4 20.4 61.2

148 63.7 31.9 95.5

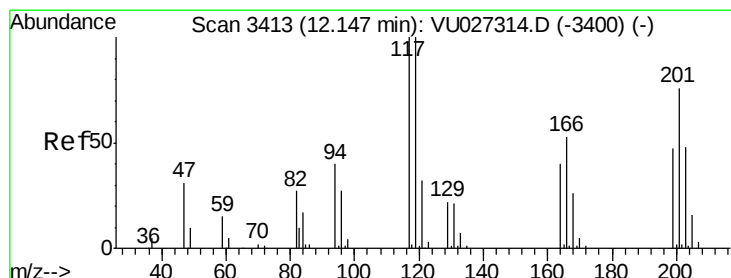
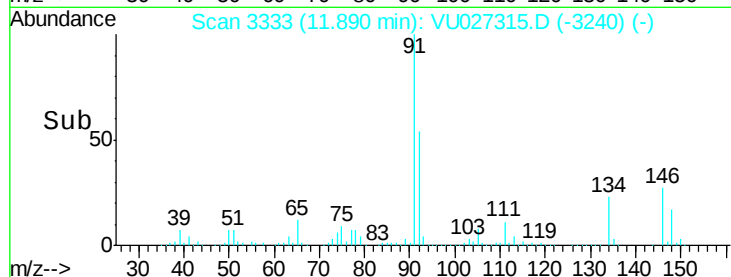
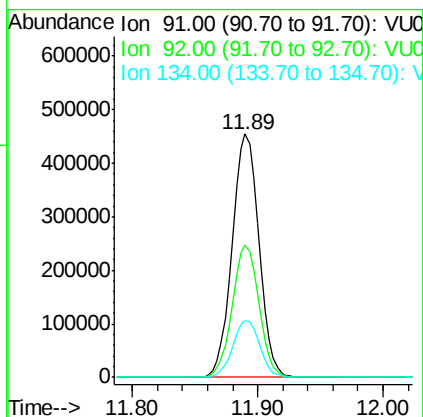
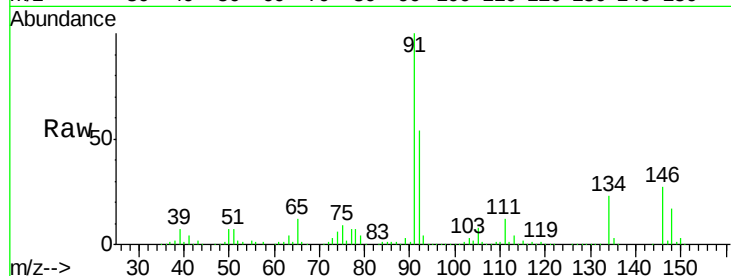




#89
n-Butylbenzene
Concen: 114.620 ug/l
RT: 11.89 min Scan# 3333
Delta R.T. 0.00 min
Lab File: VU027315.D
Acq: 01 Oct 2018 11:39

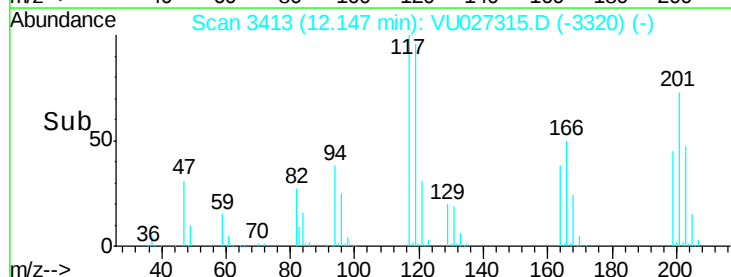
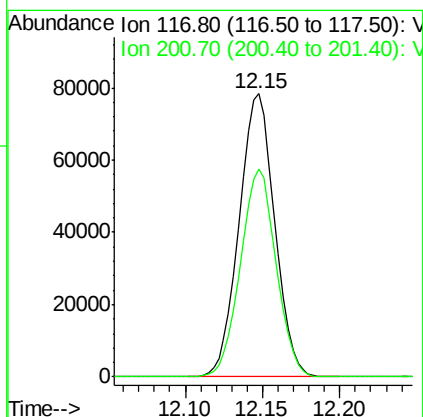
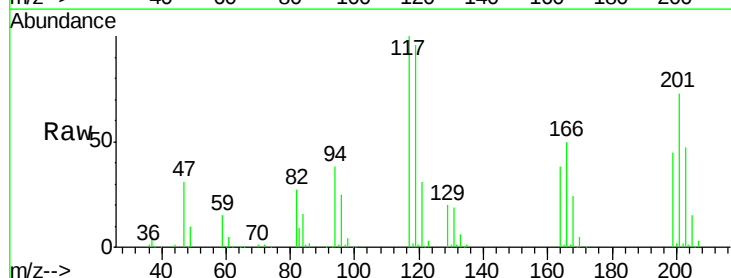
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100

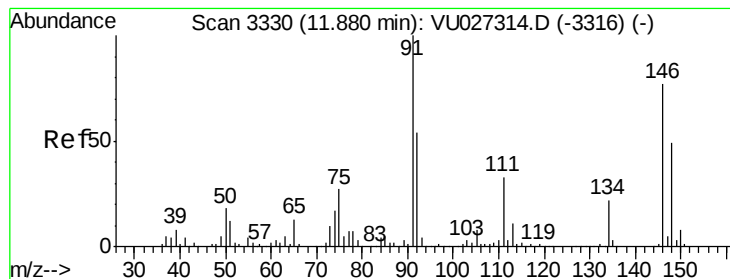
Tgt Ion: 91 Resp: 672370
Ion Ratio Lower Upper
91 100
92 54.2 27.0 81.0
134 23.5 11.7 35.1



#90
Hexachloroethane
Concen: 105.830 ug/l
RT: 12.15 min Scan# 3413
Delta R.T. -0.00 min
Lab File: VU027315.D
Acq: 01 Oct 2018 11:39

Tgt Ion: 117 Resp: 125450
Ion Ratio Lower Upper
117 100
201 73.4 37.9 113.6





#91

1,2-Dichlorobenzene

Concen: 103.239 ug/l

RT: 11.88 min Scan# 3330

Delta R.T. -0.00 min

Lab File: VU027315.D

Acq: 01 Oct 2018 11:39

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC100

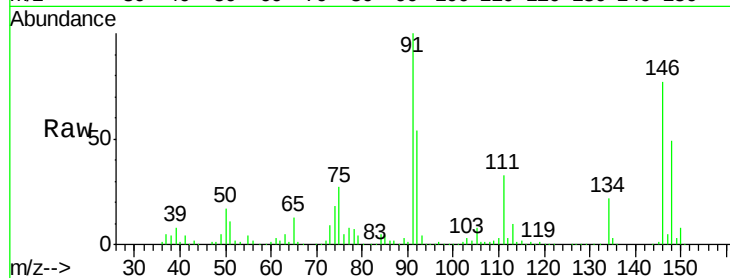
Tgt Ion: 146 Resp: 327538

Ion Ratio Lower Upper

146 100

111 43.7 21.8 65.4

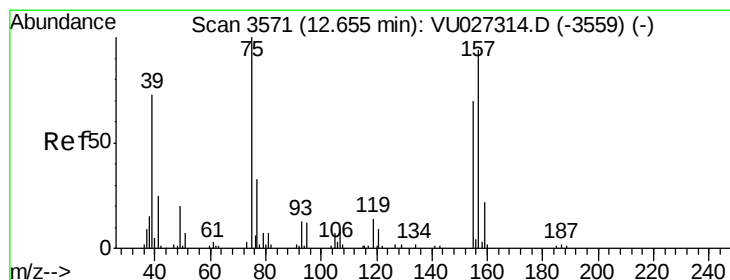
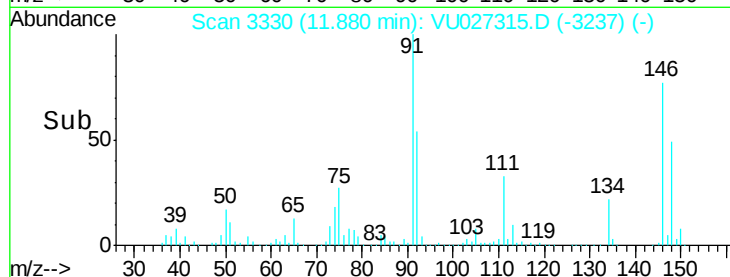
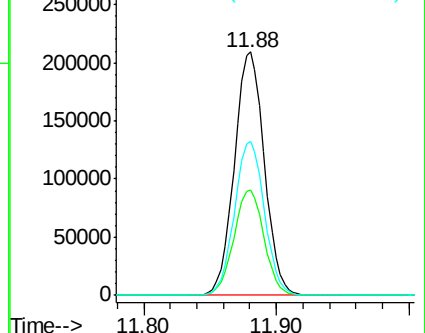
148 63.3 31.9 95.5



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: 103.766 ug/l

RT: 12.66 min Scan# 3571

Delta R.T. -0.00 min

Lab File: VU027315.D

Acq: 01 Oct 2018 11:39

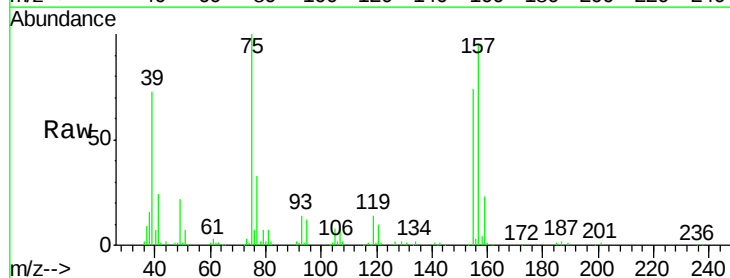
Tgt Ion: 75 Resp: 66881

Ion Ratio Lower Upper

75 100

155 73.4 35.9 107.8

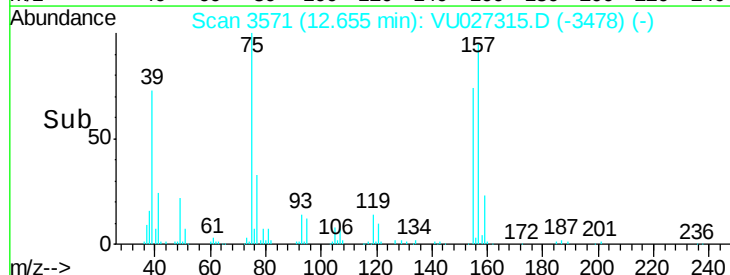
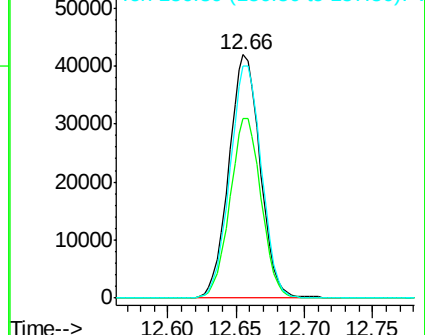
157 95.8 46.9 140.6

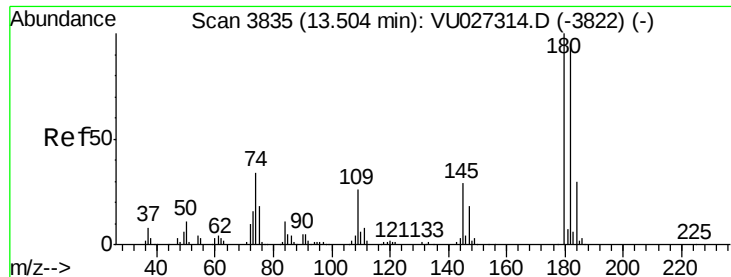


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

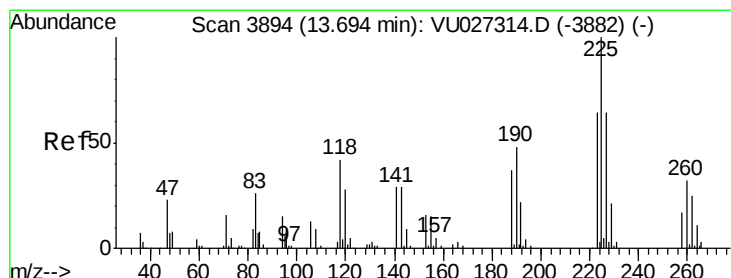
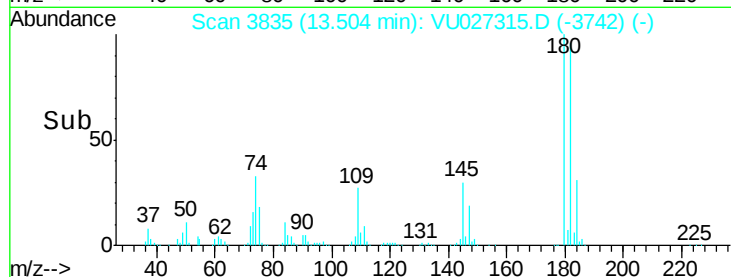
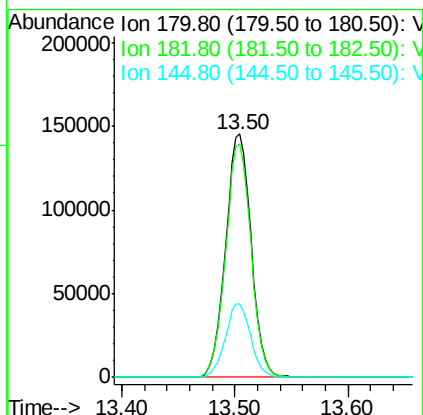
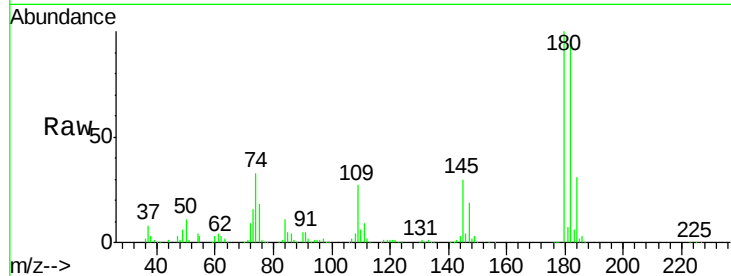




#93
 1,2,4-Trichlorobenzene
 Concen: 110.979 ug/l
 RT: 13.50 min Scan# 3835
 Delta R.T. 0.00 min
 Lab File: VU027315.D
 Acq: 01 Oct 2018 11:39

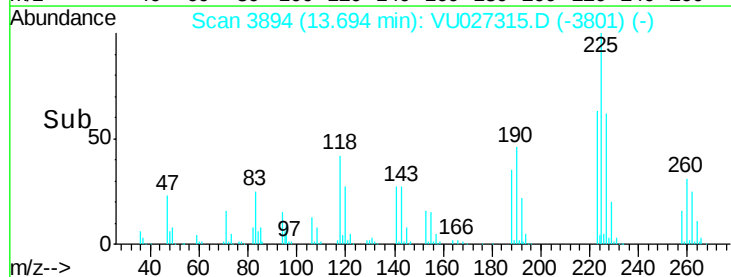
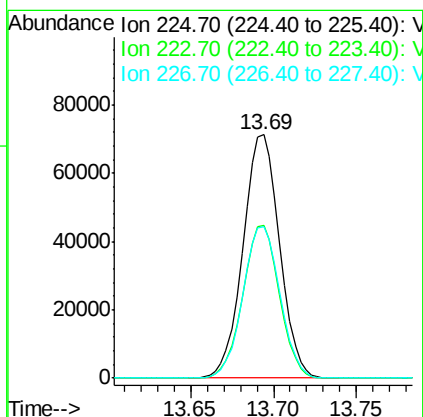
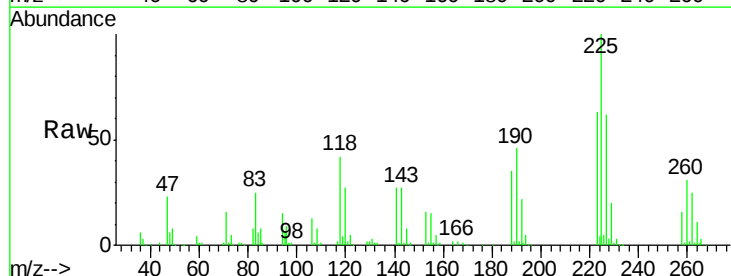
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC100

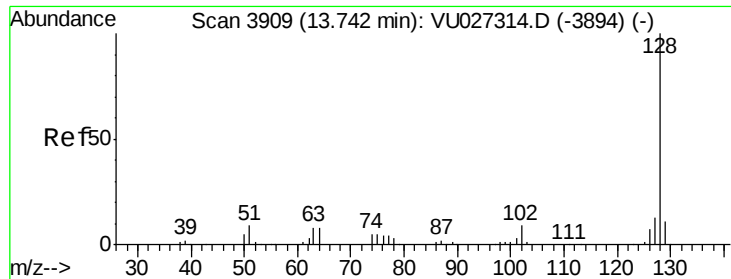
Tgt Ion:180 Resp: 227826
 Ion Ratio Lower Upper
 180 100
 182 95.7 47.4 142.3
 145 30.0 14.6 44.0



#94
 Hexachlorobutadiene
 Concen: 105.204 ug/l
 RT: 13.69 min Scan# 3894
 Delta R.T. 0.00 min
 Lab File: VU027315.D
 Acq: 01 Oct 2018 11:39

Tgt Ion:225 Resp: 109118
 Ion Ratio Lower Upper
 225 100
 223 62.7 31.8 95.3
 227 63.2 31.9 95.7

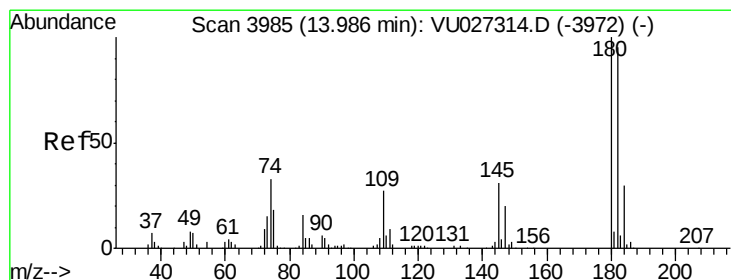
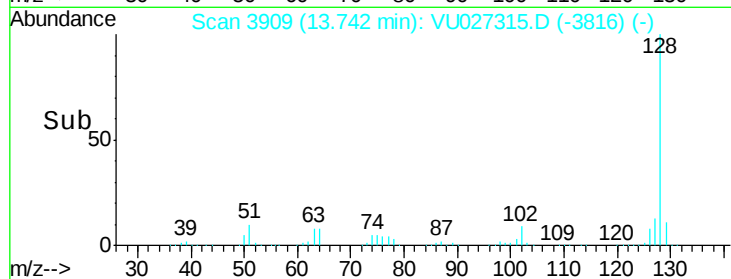
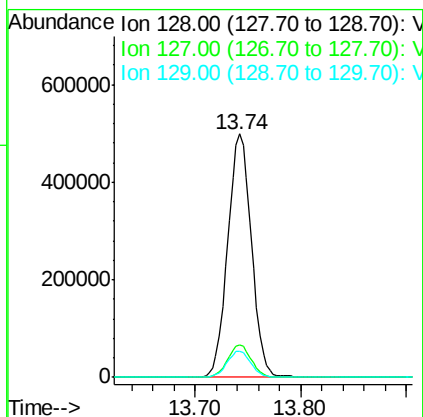
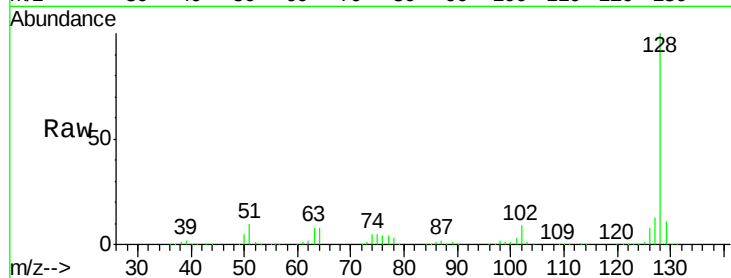




#95
Naphthalene
Concen: 112.717 ug/l
RT: 13.74 min Scan# 3909
Delta R.T. 0.00 min
Lab File: VU027315.D
Acq: 01 Oct 2018 11:39

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100

Tgt Ion:128 Resp: 775779
Ion Ratio Lower Upper
128 100
127 13.2 10.5 15.7
129 10.9 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 106.578 ug/l
RT: 13.99 min Scan# 3985
Delta R.T. 0.00 min
Lab File: VU027315.D
Acq: 01 Oct 2018 11:39

Tgt Ion:180 Resp: 227943
Ion Ratio Lower Upper
180 100
182 95.9 47.4 142.2
145 32.2 15.9 47.7

