

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100118\
 Data File : VU027318.D
 Acq On : 01 Oct 2018 12:52
 Operator : MD/SY
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

Quant Time: Oct 01 23:23:50 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	4.99	168	121460	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	207858	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	195579	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	93499	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	36887	19.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	38.28%	
35) Dibromofluoromethane	4.89	113	25557	18.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	37.42%	
50) Toluene-d8	7.57	98	100083	18.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	37.54%	
62) 4-Bromofluorobenzene	10.31	95	35395	18.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	36.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	35828	20.460	ug/l	99
3) Chloromethane	1.33	50	46914	19.789	ug/l	99
4) Vinyl Chloride	1.40	62	43595	19.562	ug/l	98
5) Bromomethane	1.62	94	18019	18.686	ug/l	99
6) Chloroethane	1.70	64	24201	18.072	ug/l	98
7) Trichlorofluoromethane	1.89	101	44918	19.865	ug/l	100
8) Diethyl Ether	2.11	74	20460	19.642	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.29	101	25360	19.312	ug/l	99
10) Methyl Iodide	2.41	142	13306	13.919	ug/l	99
11) Tert butyl alcohol	2.83	59	40167	94.046	ug/l	98
12) 1,1-Dichloroethene	2.28	96	24042	18.739	ug/l	94
13) Acrolein	2.20	56	32728	91.322	ug/l	98
14) Allyl chloride	2.59	41	57139	18.755	ug/l	99
15) Acrylonitrile	2.94	53	106872	96.140	ug/l	99
16) Acetone	2.32	43	108329	90.413	ug/l	100
17) Carbon Disulfide	2.48	76	87769	18.968	ug/l	98
18) Methyl Acetate	2.62	43	50876	18.613	ug/l	100
19) Methyl tert-butyl Ether	3.00	73	98882	19.235	ug/l	98
20) Methylene Chloride	2.70	84	31981	19.162	ug/l	95
21) trans-1,2-Dichloroethene	2.98	96	27870	19.349	ug/l	98
22) Diisopropyl ether	3.58	45	120285	19.425	ug/l	97
23) Vinyl Acetate	3.53	43	519785	96.117	ug/l	99
24) 1,1-Dichloroethane	3.45	63	62558	19.652	ug/l	99
25) 2-Butanone	4.26	43	156767	95.947	ug/l	99
26) 2,2-Dichloropropane	4.23	77	50040	19.130	ug/l	99
27) cis-1,2-Dichloroethene	4.23	96	31280	18.989	ug/l	99
28) Bromochloromethane	4.55	49	28303	18.428	ug/l	99
29) Tetrahydrofuran	4.64	42	101923	98.984	ug/l	99
30) Chloroform	4.68	83	54545	19.285	ug/l	98
31) Cyclohexane	5.00	56	61409	16.496	ug/l	97
32) 1,1,1-Trichloroethane	4.92	97	45908	19.273	ug/l	98
36) 1,1-Dichloropropene	5.14	75	42820	18.973	ug/l	99
37) Ethyl Acetate	4.38	43	55155	19.819	ug/l	99
38) Carbon Tetrachloride	5.14	117	39086	19.172	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	49294	18.685	ug/l	98
40) Benzene	5.39	78	125888	19.149	ug/l	99
41) Methacrylonitrile	4.54	41	31496	19.105	ug/l	98
42) 1,2-Dichloroethane	5.41	62	46655	19.119	ug/l	99
43) Isopropyl Acetate	5.55	43	86574	19.111	ug/l	99
44) Trichloroethene	6.19	130	27354	18.660	ug/l	95
45) 1,2-Dichloropropane	6.43	63	36649	19.328	ug/l	96
46) Dibromomethane	6.56	93	20894	19.510	ug/l	99
47) Bromodichloromethane	6.76	83	42569	19.157	ug/l	99
48) Methyl methacrylate	6.62	41	42630	18.924	ug/l	98
49) 1,4-Dioxane	6.61	88	15329	395.483	ug/l	99
51) 4-Methyl-2-Pentanone	7.46	43	283975	96.469	ug/l	99
52) Toluene	7.64	92	75342	19.363	ug/l	99
53) t-1,3-Dichloropropene	7.88	75	50066	19.216	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	54287	19.382	ug/l	99
55) 1,1,2-Trichloroethane	8.07	97	29897	19.379	ug/l	99
56) Ethyl methacrylate	8.02	69	49992	19.525	ug/l	99
57) 1,3-Dichloropropane	8.24	76	58063	19.387	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.13	63	148885	104.093	ug/l	99
59) 2-Hexanone	8.36	43	219708	96.216	ug/l	100
60) Dibromochloromethane	8.48	129	29931	19.344	ug/l	99
61) 1,2-Dibromoethane	8.59	107	31644	19.292	ug/l	100
64) Tetrachloroethene	8.23	164	23509	19.309	ug/l	94
65) Chlorobenzene	9.12	112	78522	19.074	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.21	131	27448	19.313	ug/l	99
67) Ethyl Benzene	9.25	91	138077	18.931	ug/l	99
68) m/p-Xylenes	9.38	106	102131	38.281	ug/l	99
69) o-Xylene	9.78	106	48903	19.289	ug/l	100
70) Styrene	9.79	104	80831	19.415	ug/l	99
71) Bromoform	9.96	173	21382	18.700	ug/l #	98
73) Isopropylbenzene	10.17	105	134194	19.761	ug/l	100
74) N-amyl acetate	10.01	43	74291	19.110	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	51627	19.362	ug/l	99
76) 1,2,3-Trichloropropane	10.49	75	60939	23.379	ug/l	85
77) Bromobenzene	10.45	156	30160	19.111	ug/l	99
78) n-propylbenzene	10.59	91	158797	19.461	ug/l	100
79) 2-Chlorotoluene	10.66	91	96105	19.506	ug/l	100
80) 1,3,5-Trimethylbenzene	10.77	105	109814	19.863	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.49	75	60939	60.251	ug/l #	100
82) 4-Chlorotoluene	10.77	91	108768	19.454	ug/l	98
83) tert-Butylbenzene	11.10	119	104026	19.463	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	111413	19.728	ug/l	99
85) sec-Butylbenzene	11.32	105	133961	19.893	ug/l	99
86) p-Isopropyltoluene	11.48	119	113183	19.630	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	56048	18.755	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	58196	19.057	ug/l	99
89) n-Butylbenzene	11.89	91	102406	19.041	ug/l	99
90) Hexachloroethane	12.15	117	20308	18.685	ug/l	97
91) 1,2-Dichlorobenzene	11.88	146	56067	19.275	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.66	75	11609	19.645	ug/l	99

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Quant Title : SW846 8260
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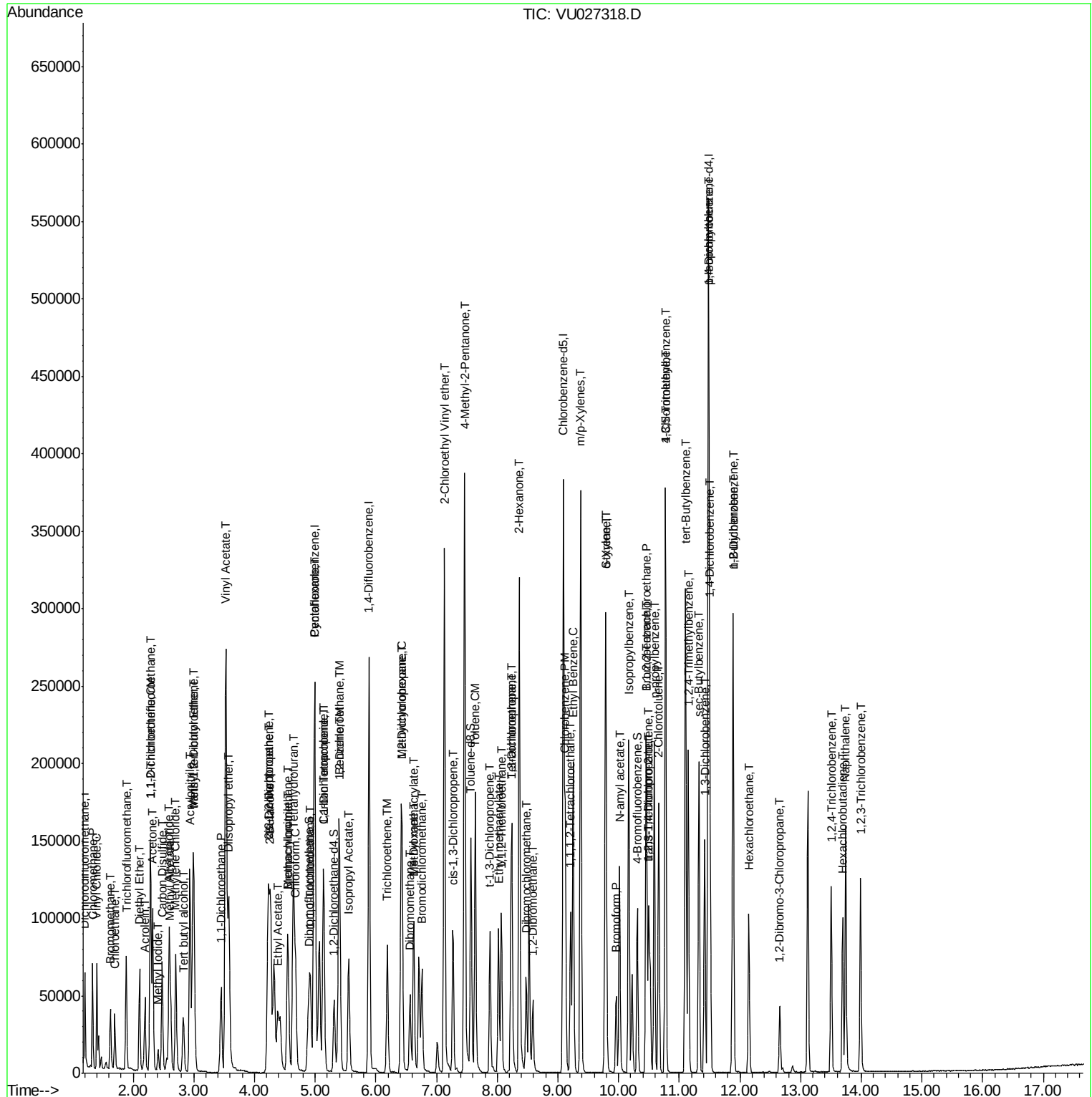
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.50	180	35917	19.083	ug/l	99
94) Hexachlorobutadiene	13.69	225	17794	18.712	ug/l	98
95) Naphthalene	13.74	128	122718	19.447	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	37575	19.162	ug/l	99

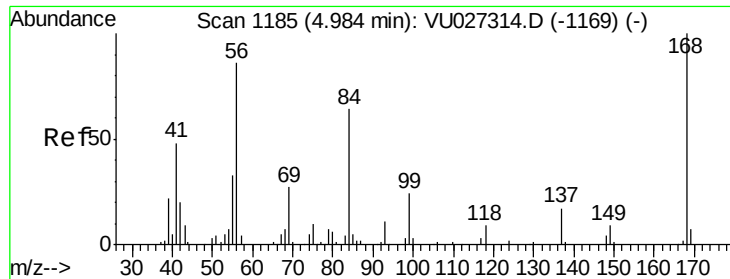
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. 0.00 min

Lab File: VU027318.D

Acq: 01 Oct 2018 12:52

Instrument :

MSVOA_U

ClientSampleId :

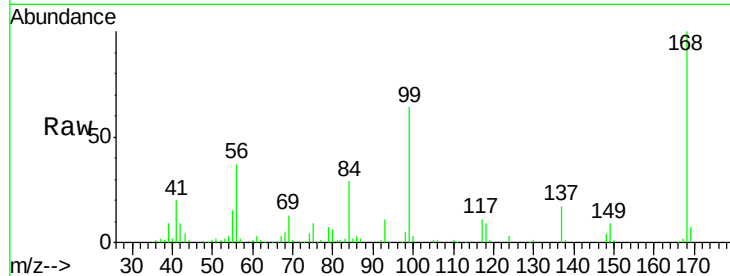
VSTDIC020

Tgt Ion:168 Resp: 121460

Ion Ratio Lower Upper

168 100

99 62.6 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) (-)

4.99

60000

50000

40000

30000

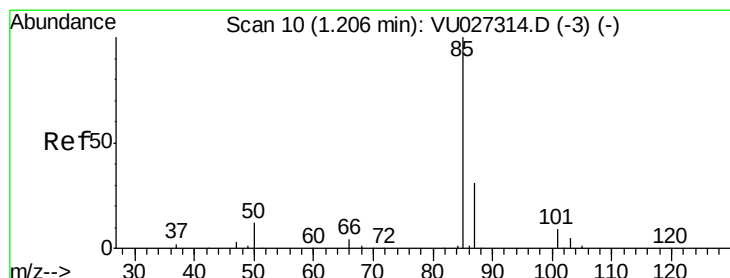
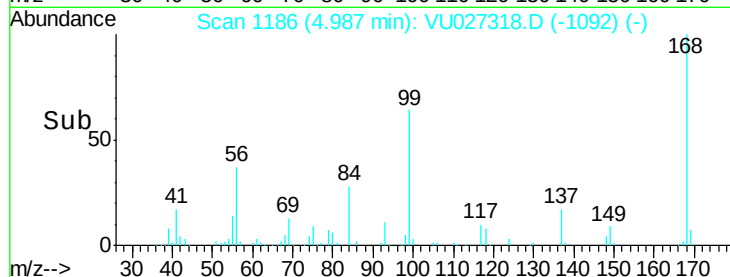
20000

10000

0

4.90 4.95 5.00 5.05

Time-->



#2

Dichlorodifluoromethane

Concen: 20.460 ug/l

RT: 1.21 min Scan# 10

Delta R.T. 0.00 min

Lab File: VU027318.D

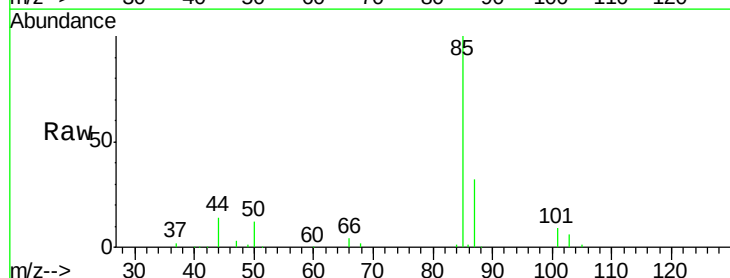
Acq: 01 Oct 2018 12:52

Tgt Ion: 85 Resp: 35828

Ion Ratio Lower Upper

85 100

87 31.9 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VU027314.D (-3) (-)

Ion 86.90 (86.60 to 87.60): VU027314.D (-3) (-)

1.21

40000

30000

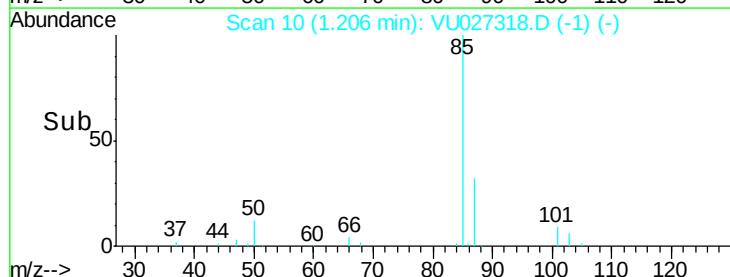
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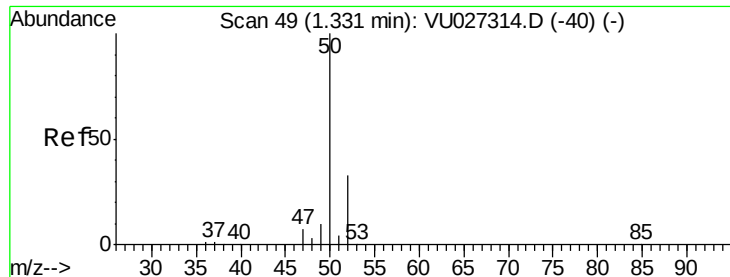
10000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 19.789 ug/l

RT: 1.33 min Scan# 49

Delta R.T. 0.00 min

Lab File: VU027318.D

Acq: 01 Oct 2018 12:52

Instrument :

MSVOA_U

ClientSampleId :

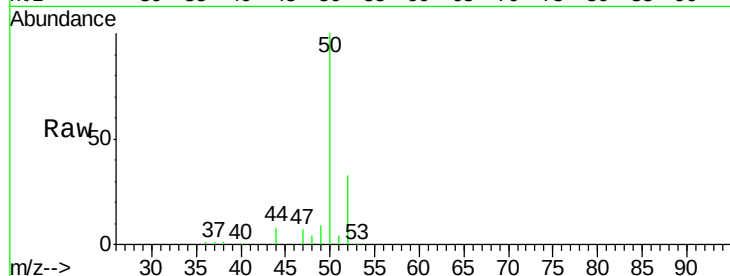
VSTDIC020

Tgt Ion: 50 Resp: 46914

Ion Ratio Lower Upper

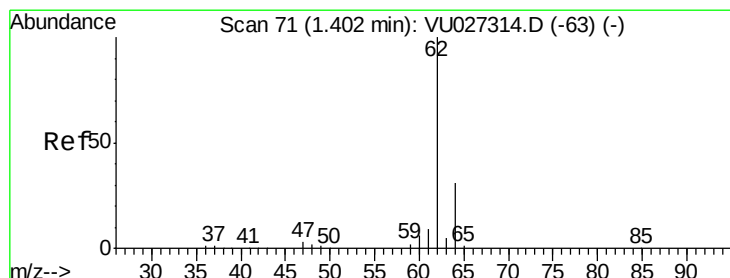
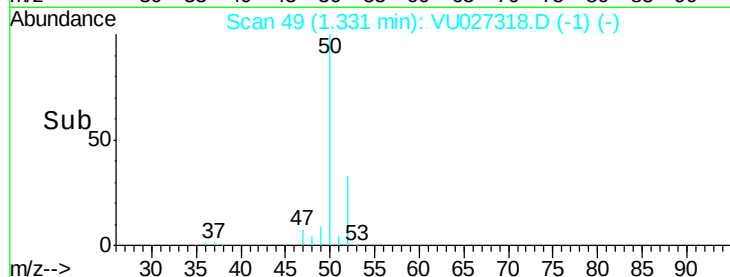
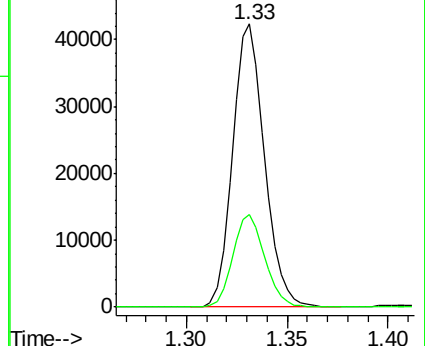
50 100

52 32.6 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VU0

Ion 51.90 (51.60 to 52.60): VU0



#4

Vinyl Chloride

Concen: 19.562 ug/l

RT: 1.40 min Scan# 71

Delta R.T. 0.00 min

Lab File: VU027318.D

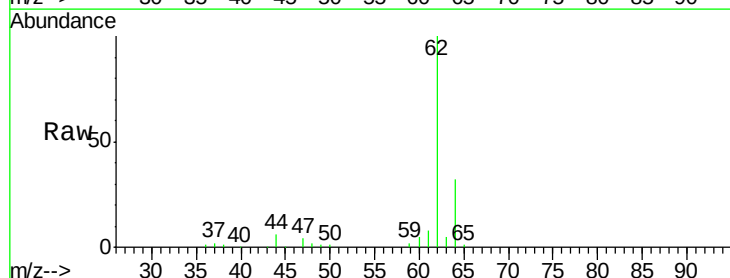
Acq: 01 Oct 2018 12:52

Tgt Ion: 62 Resp: 43595

Ion Ratio Lower Upper

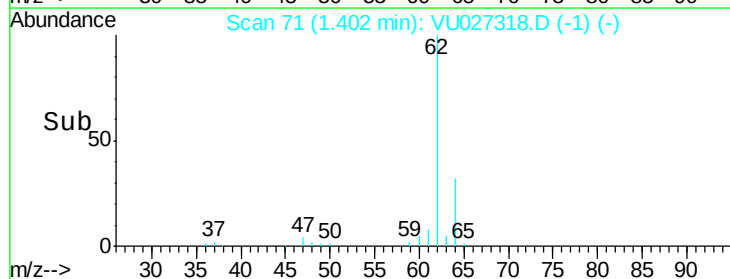
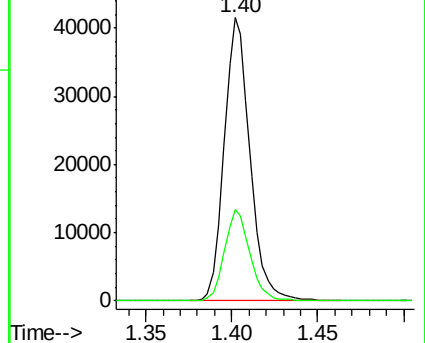
62 100

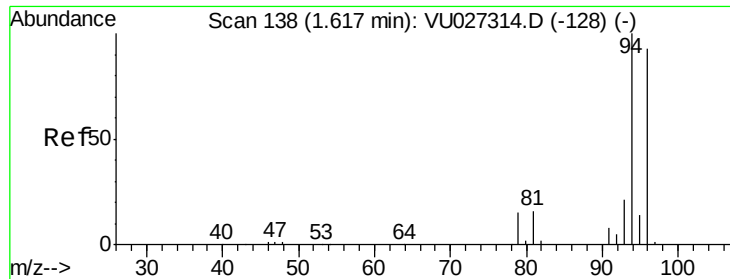
64 32.1 24.9 37.3



Abundance Ion 61.90 (61.60 to 62.60): VU0

Ion 63.90 (63.60 to 64.60): VU0

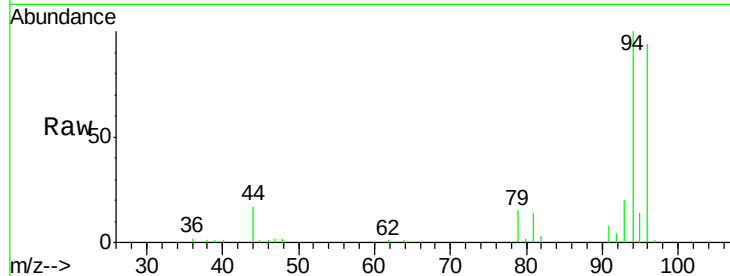




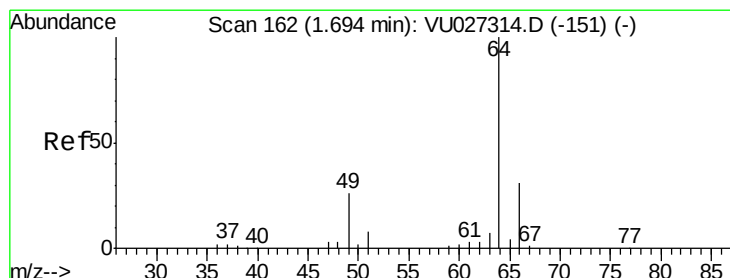
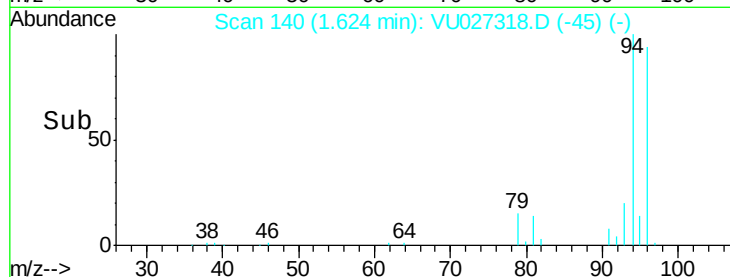
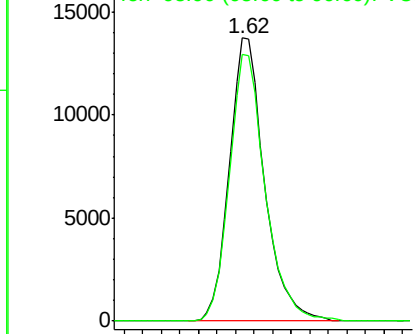
#5
Bromomethane
Concen: 18.686 ug/l
RT: 1.62 min Scan# 140
Delta R.T. 0.01 min
Lab File: VU027318.D
Acq: 01 Oct 2018 12:52

Instrument :
MSVOA_U
ClientSampleId :
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Tgt Ion: 94 Resp: 18019
Ion Ratio Lower Upper
94 100
96 94.3 74.6 111.8

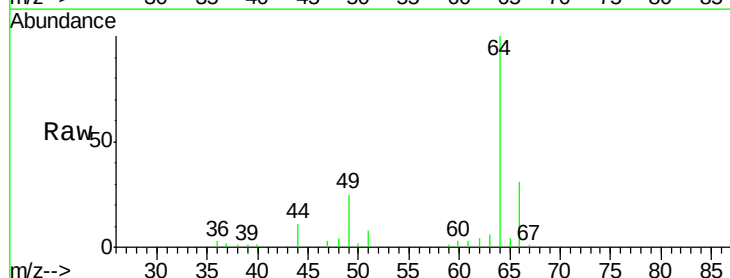


Abundance Ion 93.90 (93.60 to 94.60): VU0
Ion 95.90 (95.60 to 96.60): VU0

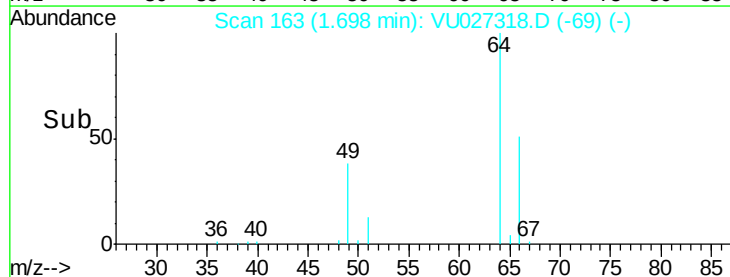
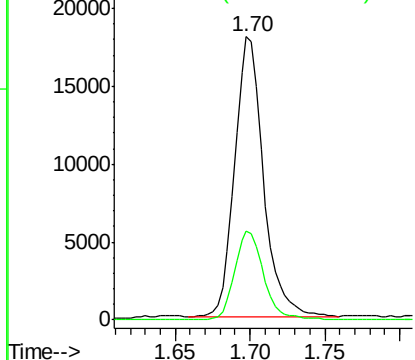


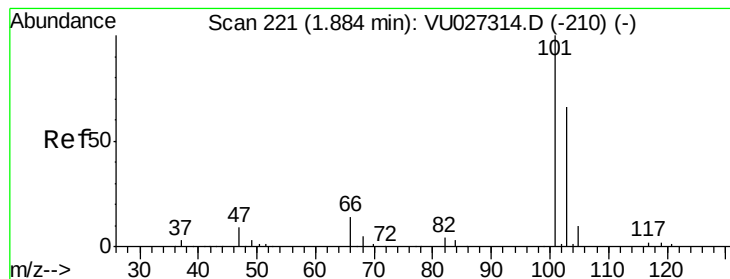
#6
Chloroethane
Concen: 18.072 ug/l
RT: 1.70 min Scan# 163
Delta R.T. 0.00 min
Lab File: VU027318.D
Acq: 01 Oct 2018 12:52

Tgt Ion: 64 Resp: 24201
Ion Ratio Lower Upper
64 100
66 31.7 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VU0
Ion 65.90 (65.60 to 66.60): VU0



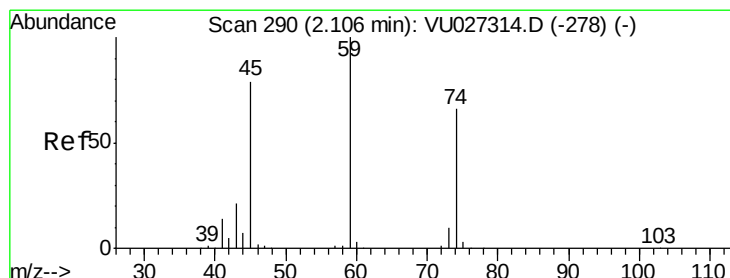
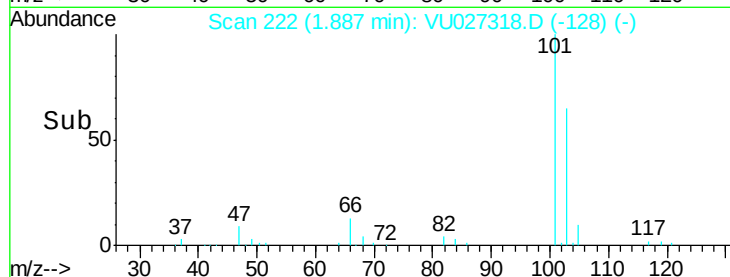
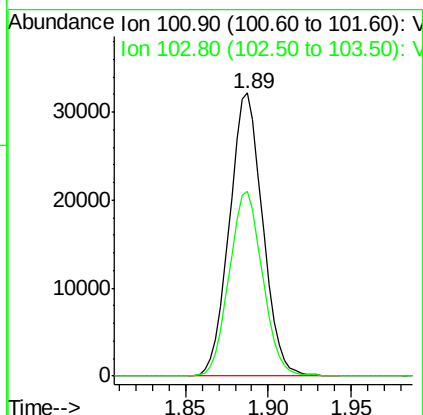
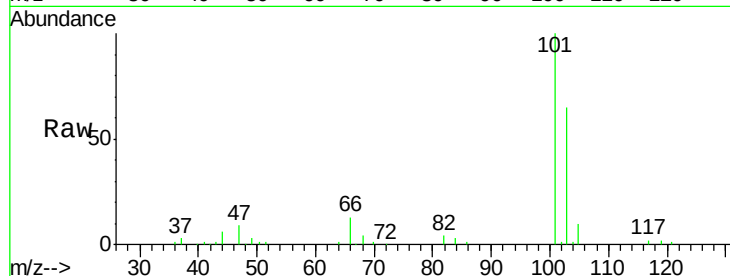


#7

Trichlorofluoromethane
Concen: 19.865 ug/l
RT: 1.89 min Scan# 222
Delta R.T. 0.00 min
Lab File: VU027318.D
Acq: 01 Oct 2018 12:52

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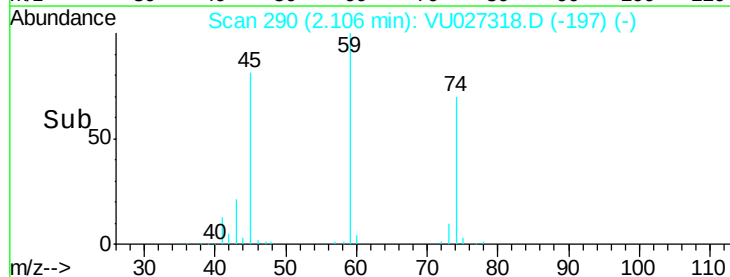
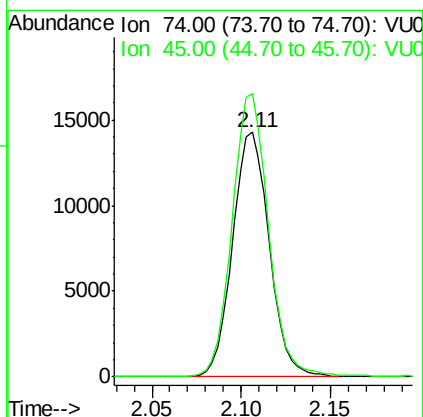
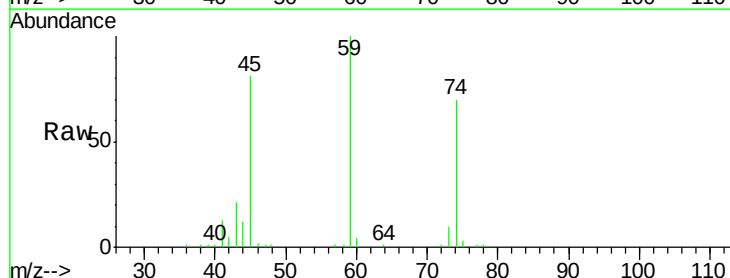
Tgt Ion:101 Resp: 44918
Ion Ratio Lower Upper
101 100
103 65.4 52.6 78.8

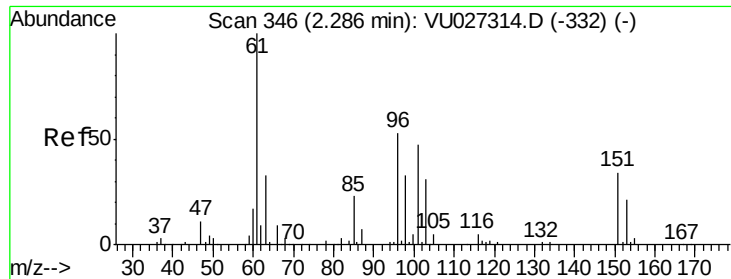


#8

Diethyl Ether
Concen: 19.642 ug/l
RT: 2.11 min Scan# 290
Delta R.T. 0.00 min
Lab File: VU027318.D
Acq: 01 Oct 2018 12:52

Tgt Ion: 74 Resp: 20460
Ion Ratio Lower Upper
74 100
45 115.3 60.4 181.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.312 ug/l

RT: 2.29 min Scan# 346

Delta R.T. 0.00 min

Lab File: VU027318.D

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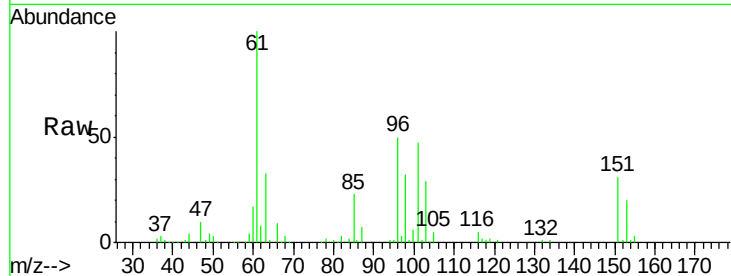
Tgt Ion:101 Resp: 25360

Ion Ratio Lower Upper

101 100

85 47.5 37.5 56.3

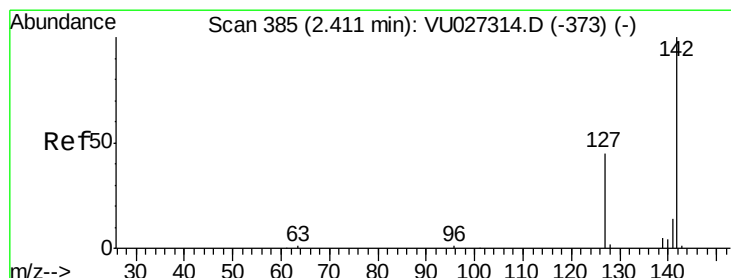
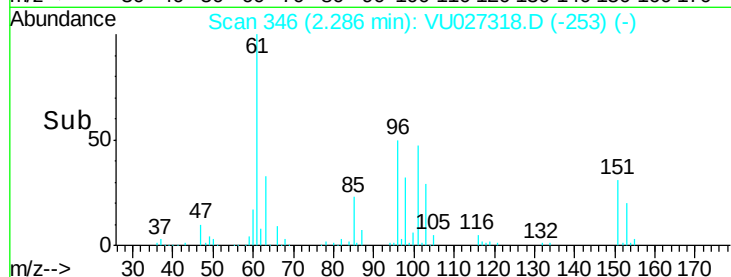
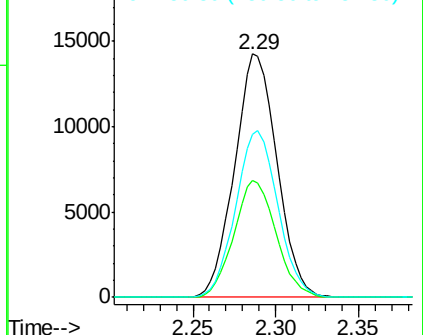
151 68.2 55.6 83.4



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: 13.919 ug/l

RT: 2.41 min Scan# 385

Delta R.T. 0.00 min

Lab File: VU027318.D

Acq: 01 Oct 2018 12:52

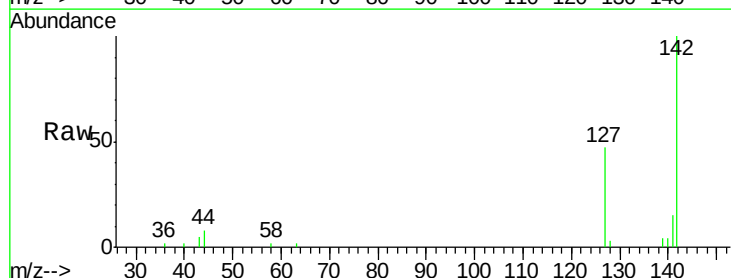
Tgt Ion:142 Resp: 13306

Ion Ratio Lower Upper

142 100

127 45.9 36.3 54.5

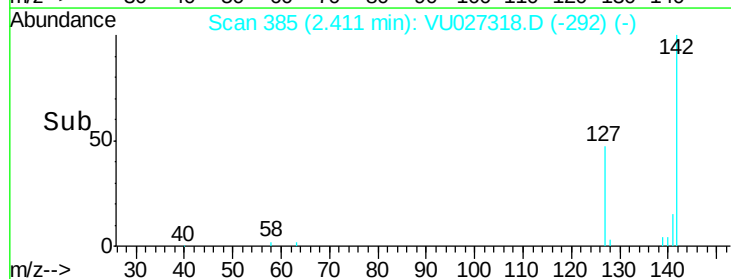
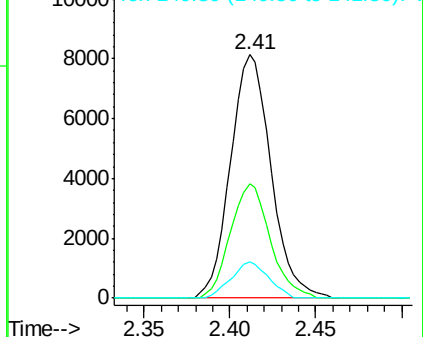
141 13.8 11.6 17.4

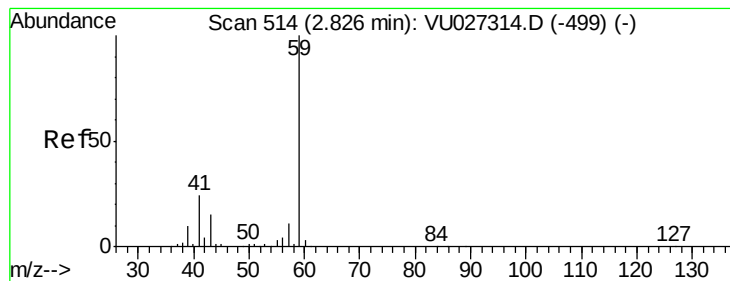


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



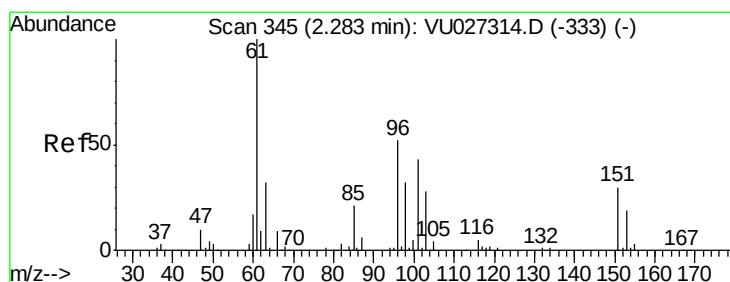
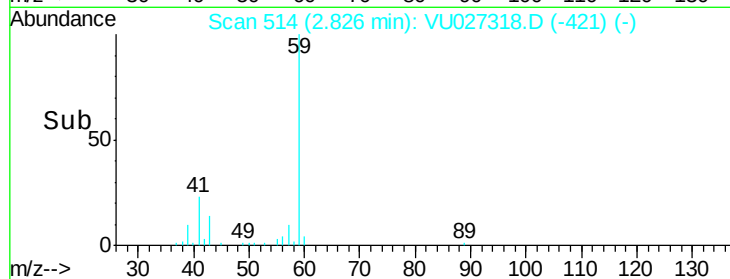
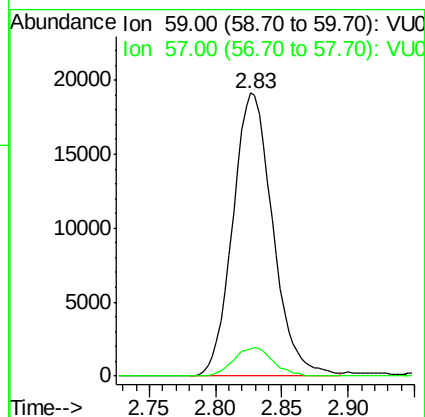
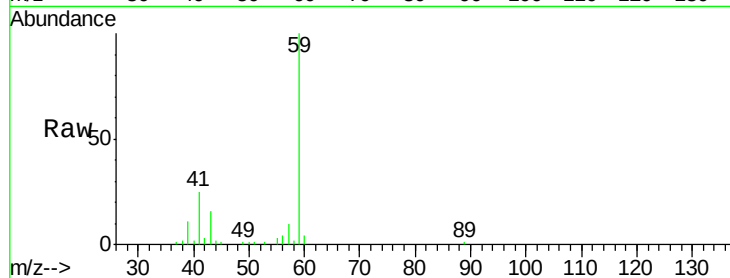


#11

Tert butyl alcohol
 Concen: 94.046 ug/l
 RT: 2.83 min Scan# 514
 Delta R.T. 0.00 min
 Lab File: VU027318.D
 Acq: 01 Oct 2018 12:52

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

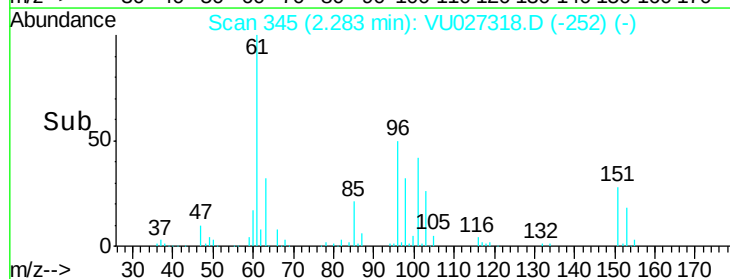
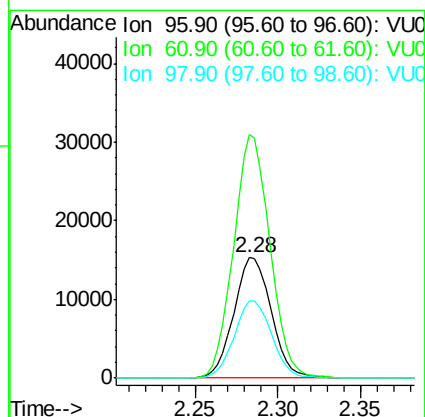
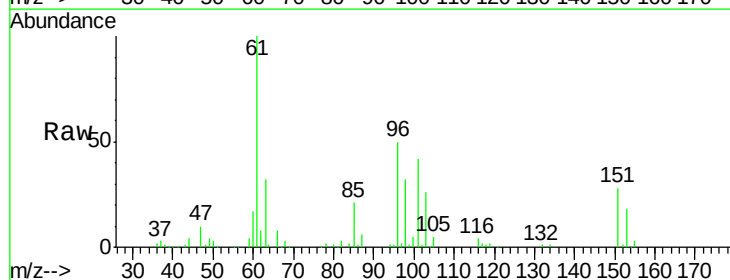
Tgt Ion: 59 Resp: 40167
 Ion Ratio Lower Upper
 59 100
 57 9.9 8.4 12.6

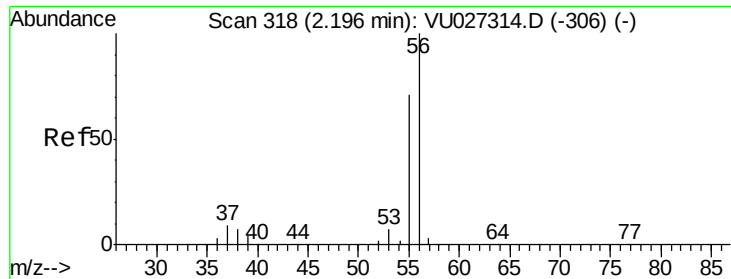


#12

1,1-Dichloroethene
 Concen: 18.739 ug/l
 RT: 2.28 min Scan# 345
 Delta R.T. 0.00 min
 Lab File: VU027318.D
 Acq: 01 Oct 2018 12:52

Tgt Ion: 96 Resp: 24042
 Ion Ratio Lower Upper
 96 100
 61 201.7 153.0 229.6
 98 64.1 49.3 73.9





#13

Acrolein

Concen: 91.322 ug/l

RT: 2.20 min Scan# 318

Delta R.T. 0.00 min

Lab File: VU027318.D

Acq: 01 Oct 2018 12:52

Instrument :

MSVOA_U

ClientSampleId :

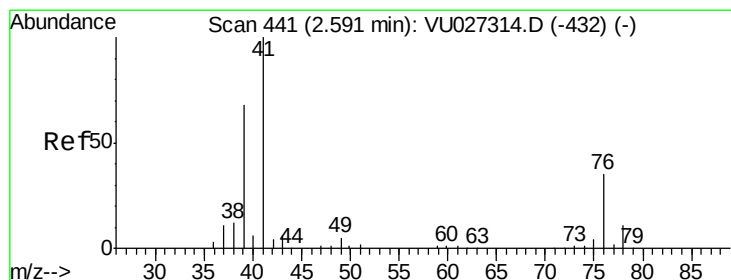
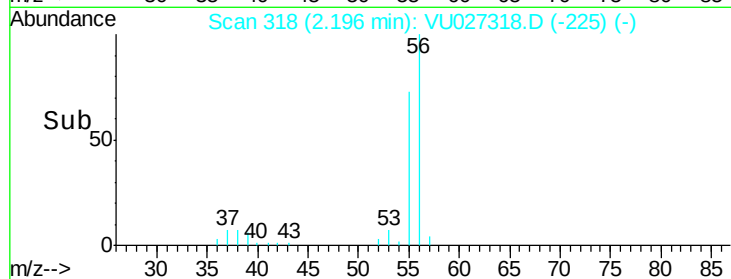
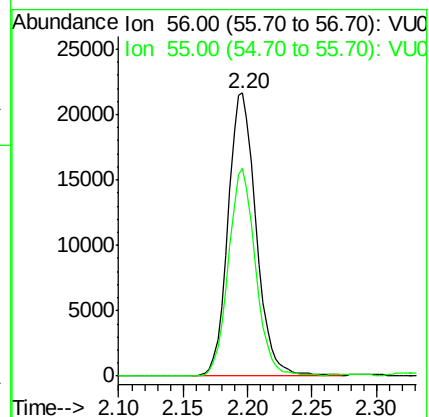
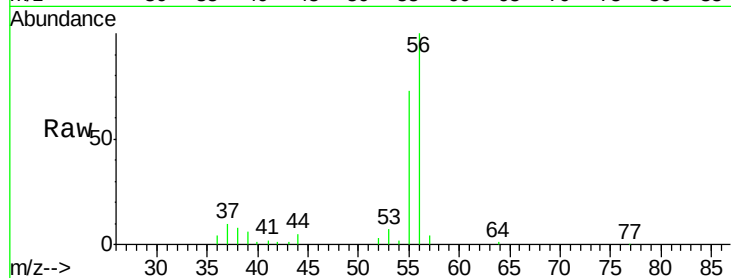
VSTDIC020

Tgt Ion: 56 Resp: 32728

Ion Ratio Lower Upper

56 100

55 70.6 57.7 86.5



#14

Allyl chloride

Concen: 18.755 ug/l

RT: 2.59 min Scan# 442

Delta R.T. 0.00 min

Lab File: VU027318.D

Acq: 01 Oct 2018 12:52

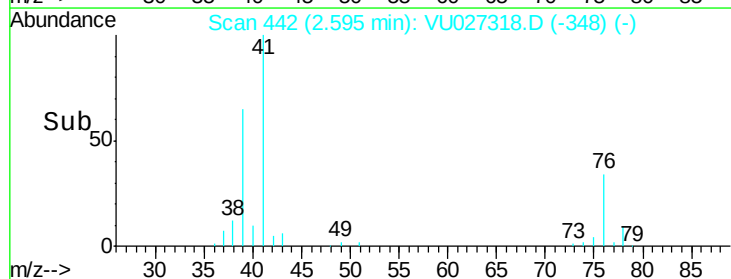
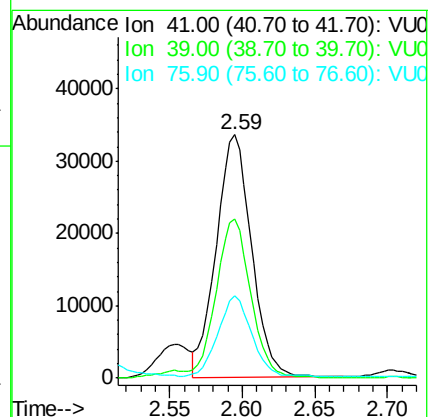
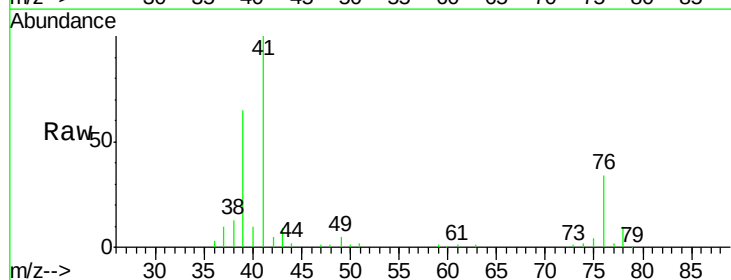
Tgt Ion: 41 Resp: 57139

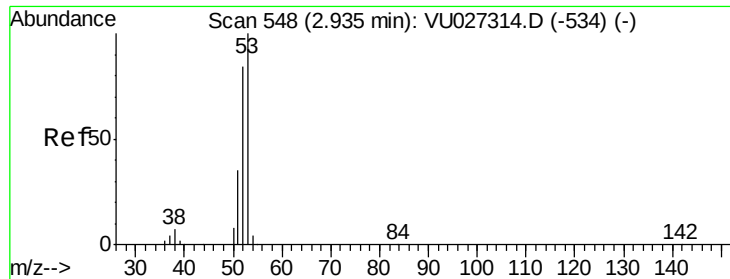
Ion Ratio Lower Upper

41 100

39 64.2 51.8 77.8

76 31.4 25.9 38.9





#15

Acrylonitrile

Concen: 96.140 ug/l

RT: 2.94 min Scan# 548

Delta R.T. 0.00 min

Lab File: VU027318.D

Acq: 01 Oct 2018 12:52

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC020

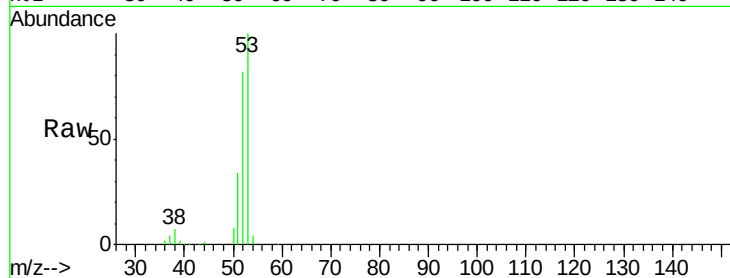
Tgt Ion: 53 Resp: 106872

Ion Ratio Lower Upper

53 100

52 82.5 66.5 99.7

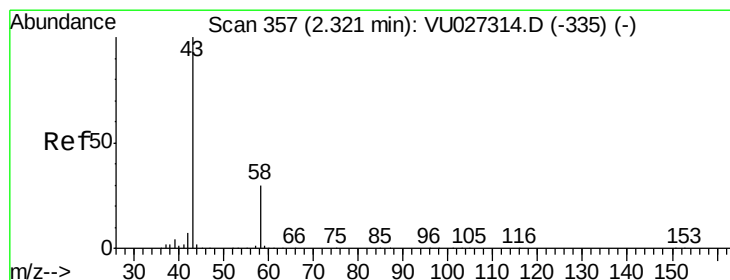
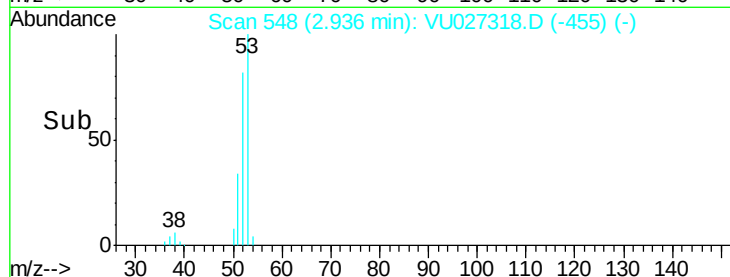
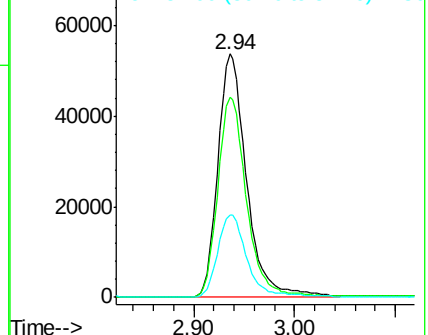
51 35.1 27.6 41.4



Abundance Ion 53.00 (52.70 to 53.70): VU0

Ion 52.00 (51.70 to 52.70): VU0

Ion 51.00 (50.70 to 51.70): VU0



#16

Acetone

Concen: 90.413 ug/l

RT: 2.32 min Scan# 357

Delta R.T. 0.00 min

Lab File: VU027318.D

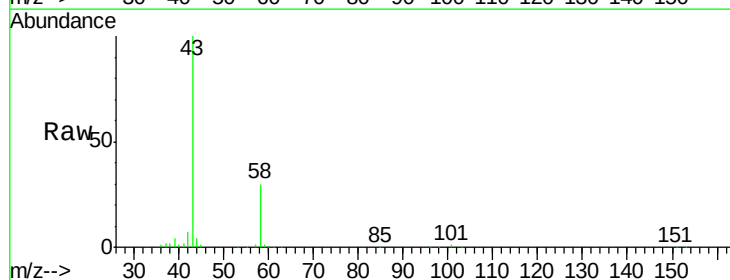
Acq: 01 Oct 2018 12:52

Tgt Ion: 43 Resp: 108329

Ion Ratio Lower Upper

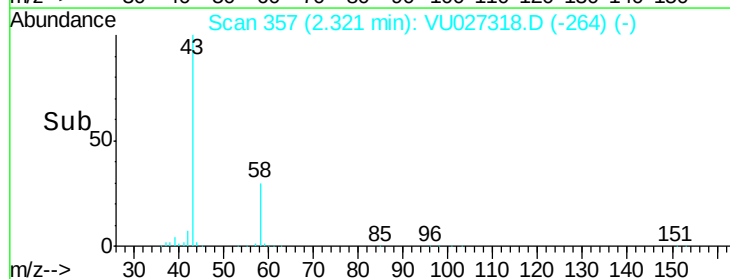
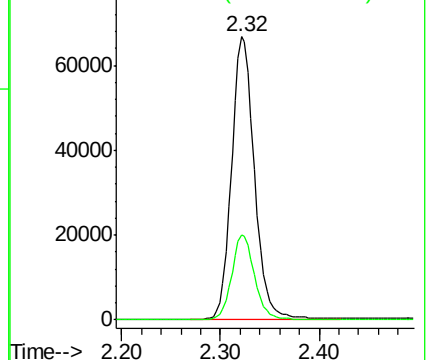
43 100

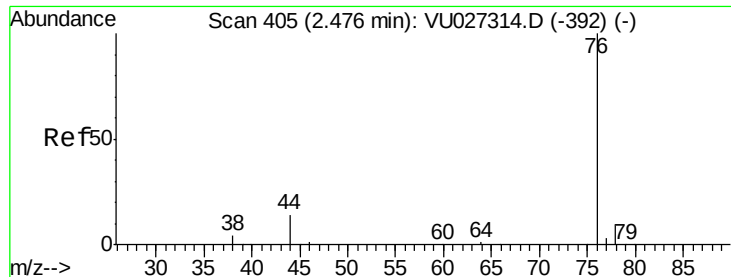
58 30.3 24.2 36.4



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0





#17

Carbon Disulfide

Concen: 18.968 ug/l

RT: 2.48 min Scan# 406

Delta R.T. 0.00 min

Lab File: VU027318.D

Acq: 01 Oct 2018 12:52

Instrument :

MSVOA_U

ClientSampleId :

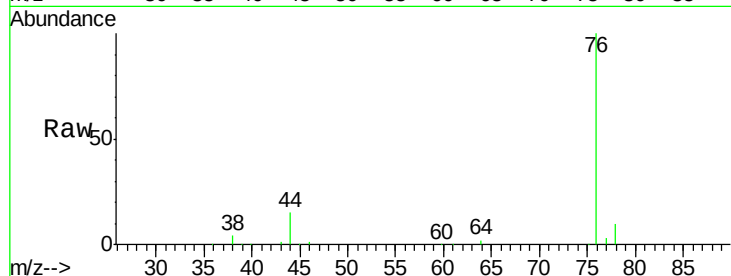
VSTDIC020

Tgt Ion: 76 Resp: 87769

Ion Ratio Lower Upper

76 100

78 9.6 7.3 10.9

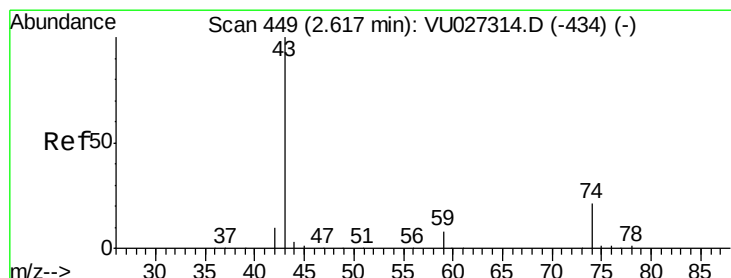
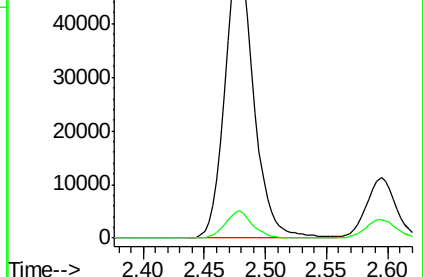
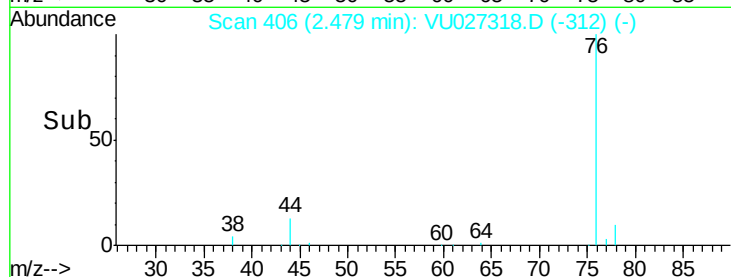


Abundance Ion 75.90 (75.60 to 76.60): VU027318.D (-312) (-)

Ion 77.90 (77.60 to 78.60): VU027318.D (-312) (-)

2.48

Time-->



#18

Methyl Acetate

Concen: 18.613 ug/l

RT: 2.62 min Scan# 449

Delta R.T. 0.00 min

Lab File: VU027318.D

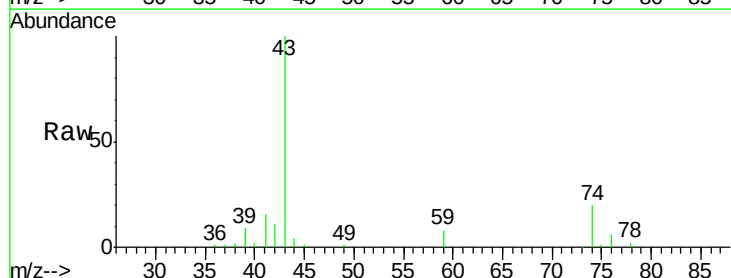
Acq: 01 Oct 2018 12:52

Tgt Ion: 43 Resp: 50876

Ion Ratio Lower Upper

43 100

74 20.4 16.5 24.7

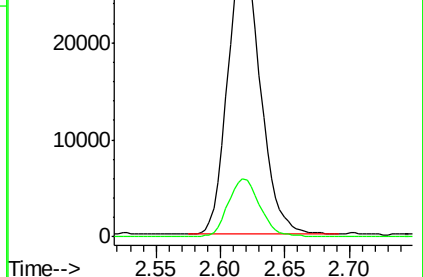
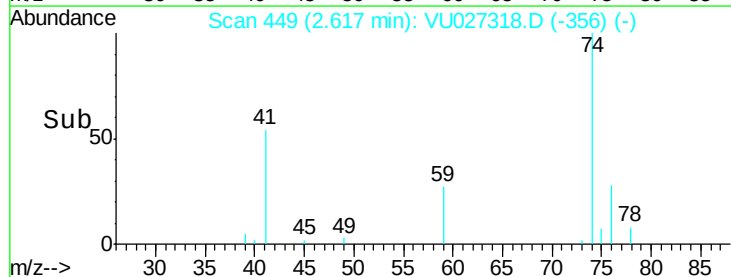


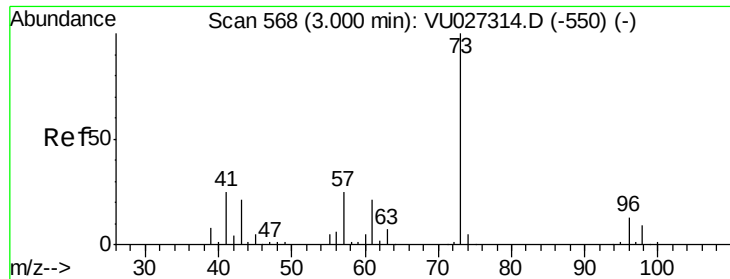
Abundance Ion 43.00 (42.70 to 43.70): VU027318.D (-356) (-)

Ion 74.00 (73.70 to 74.70): VU027318.D (-356) (-)

2.62

Time-->

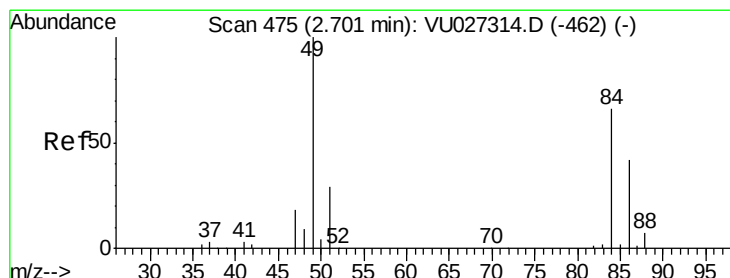
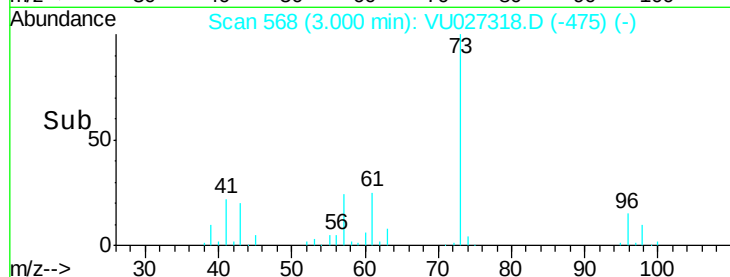
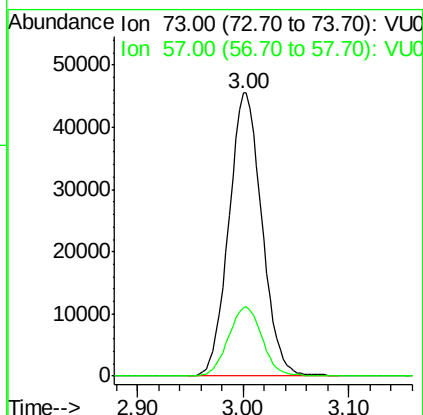
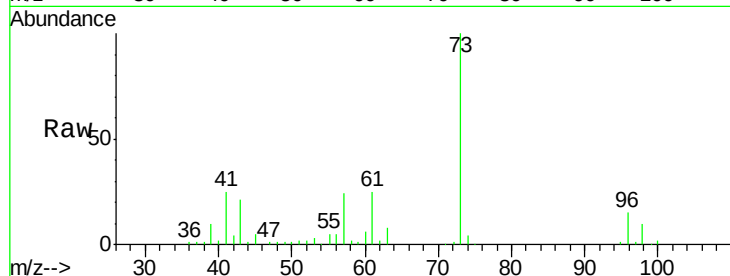




#19
Methyl tert-butyl Ether
Concen: 19.235 ug/l
RT: 3.00 min Scan# 568
Delta R.T. 0.00 min
Lab File: VU027318.D
Acq: 01 Oct 2018 12:52

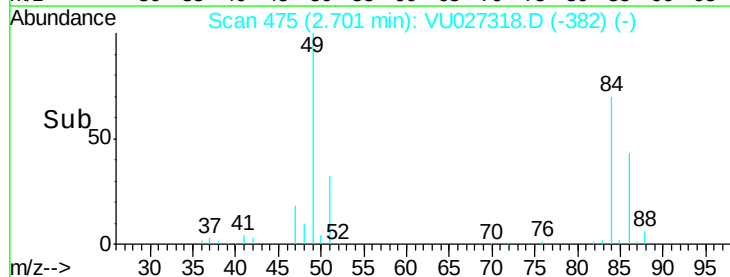
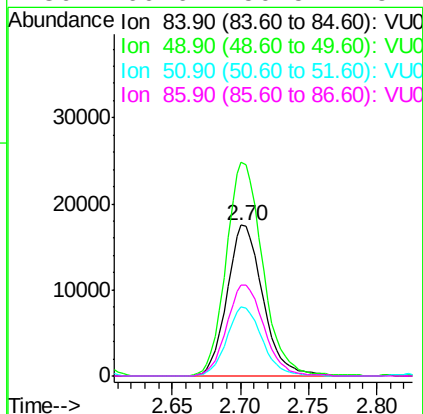
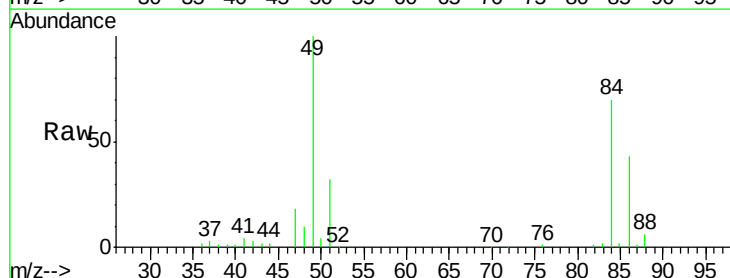
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

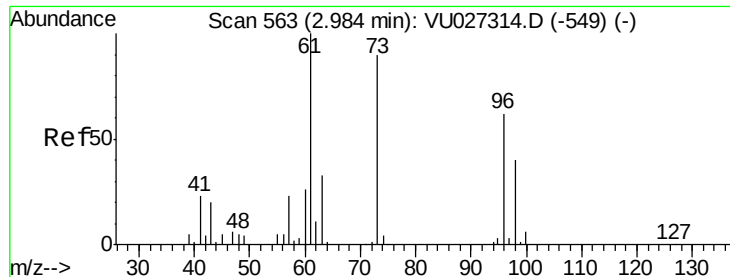
Tgt Ion: 73 Resp: 98882
Ion Ratio Lower Upper
73 100
57 24.1 20.0 30.0



#20
Methylene Chloride
Concen: 19.162 ug/l
RT: 2.70 min Scan# 475
Delta R.T. 0.00 min
Lab File: VU027318.D
Acq: 01 Oct 2018 12:52

Tgt Ion: 84 Resp: 31981
Ion Ratio Lower Upper
84 100
49 141.9 120.5 180.7
51 45.7 35.1 52.7
86 60.6 50.5 75.7





#21

trans-1,2-Dichloroethene

Concen: 19.349 ug/l

RT: 2.98 min Scan# 563

Delta R.T. 0.00 min

Lab File: VU027318.D

Acq: 01 Oct 2018 12:52

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC020

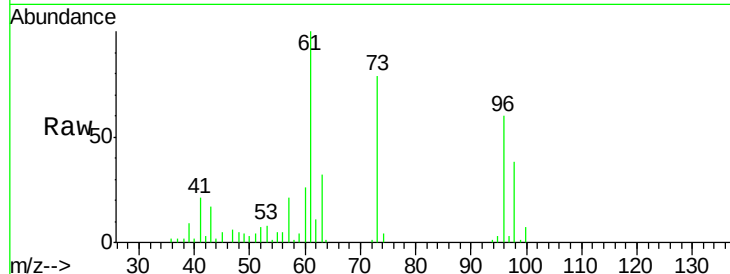
Tgt Ion: 96 Resp: 27870

Ion Ratio Lower Upper

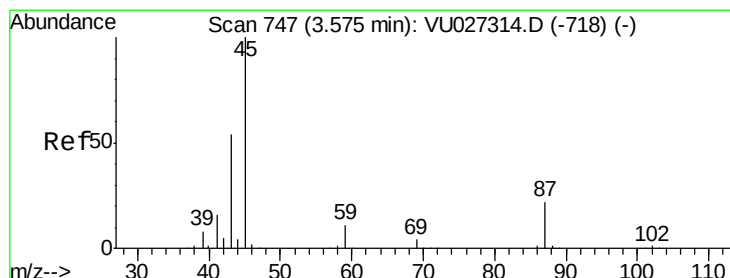
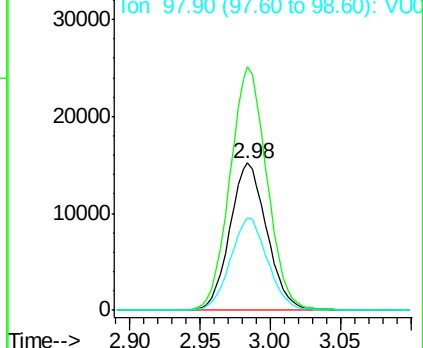
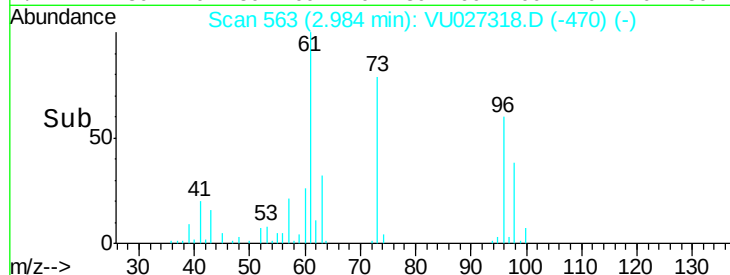
96 100

61 165.5 129.4 194.2

98 63.3 51.2 76.8



Abundance Ion 95.90 (95.60 to 96.60): VU027318.D (-470) (-)



#22

Diisopropyl ether

Concen: 19.425 ug/l

RT: 3.58 min Scan# 747

Delta R.T. 0.00 min

Lab File: VU027318.D

Acq: 01 Oct 2018 12:52

Tgt Ion: 45 Resp: 120285

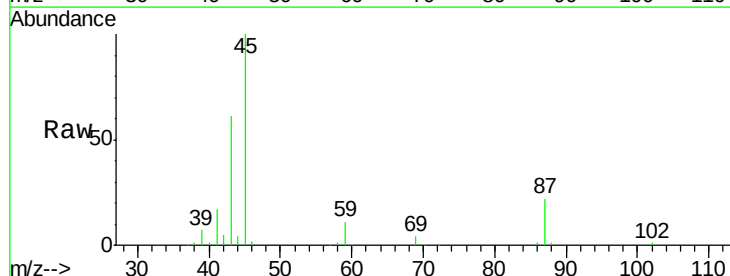
Ion Ratio Lower Upper

45 100

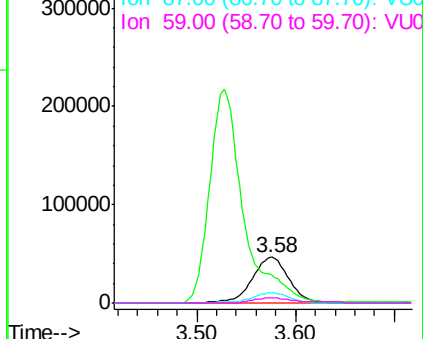
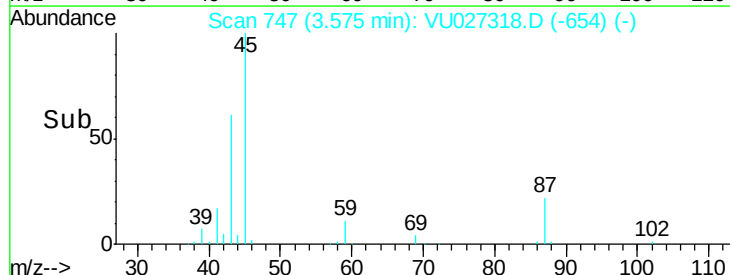
43 57.1 43.4 65.2

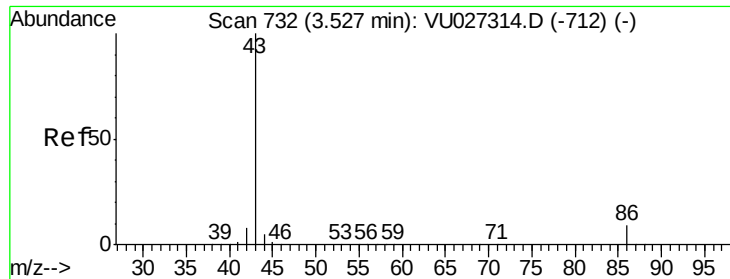
87 22.4 17.5 26.3

59 11.1 8.6 13.0



Abundance Ion 45.00 (44.70 to 45.70): VU027318.D (-654) (-)





#23

Vinyl Acetate

Concen: 96.117 ug/l

RT: 3.53 min Scan# 732

Delta R.T. 0.00 min

Lab File: VU027318.D

Acq: 01 Oct 2018 12:52

Instrument :

MSVOA_U

ClientSampleId :

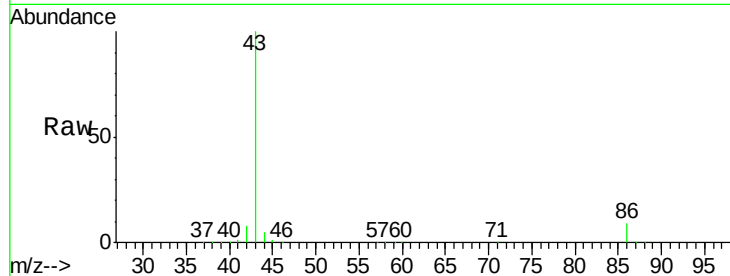
VSTDIC020

Tgt Ion: 43 Resp: 519785

Ion Ratio Lower Upper

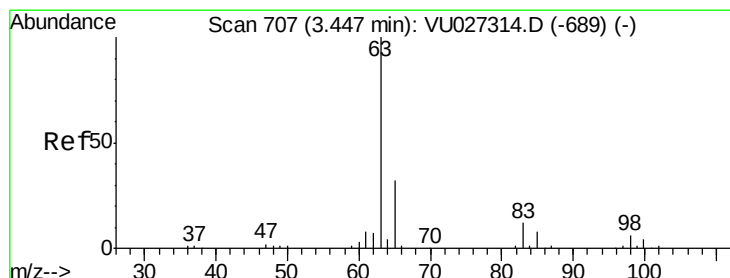
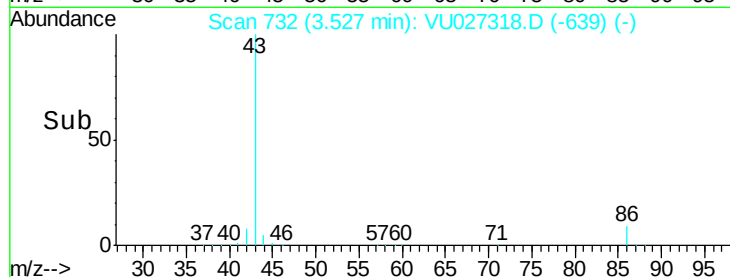
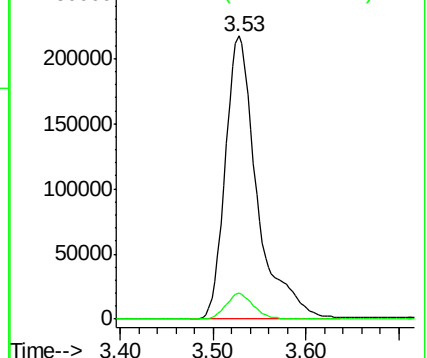
43 100

86 9.0 7.0 10.4



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 86.00 (85.70 to 86.70): VU0



#24

1,1-Dichloroethane

Concen: 19.652 ug/l

RT: 3.45 min Scan# 708

Delta R.T. 0.00 min

Lab File: VU027318.D

Acq: 01 Oct 2018 12:52

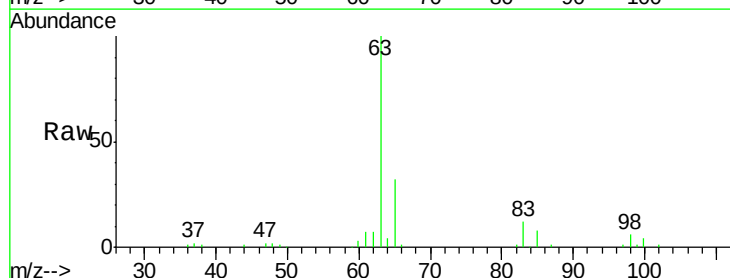
Tgt Ion: 63 Resp: 62558

Ion Ratio Lower Upper

63 100

98 6.1 3.0 9.2

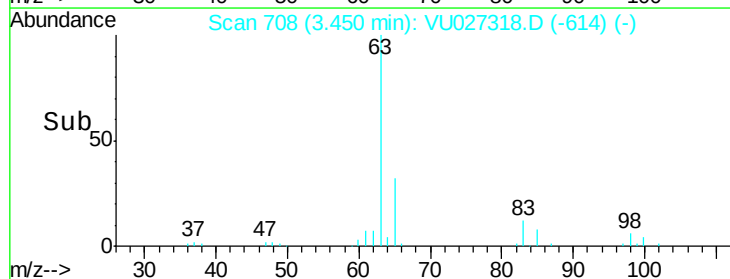
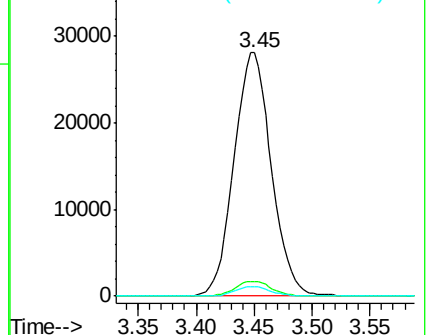
100 4.1 1.8 5.5

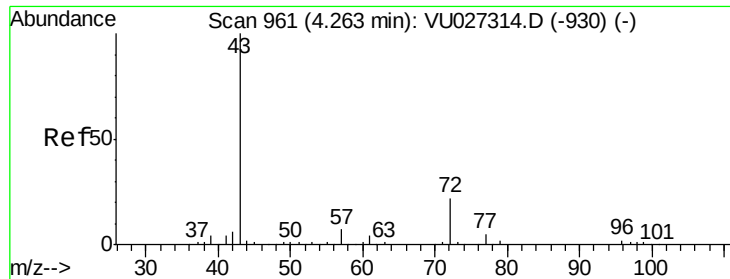


Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 97.90 (97.60 to 98.60): VU0

Ion 99.90 (99.60 to 100.60): VU0





#25

2-Butanone

Concen: 95.947 ug/l

RT: 4.26 min Scan# 961

Delta R.T. 0.00 min

Lab File: VU027318.D

Acq: 01 Oct 2018 12:52

Instrument :

MSVOA_U

ClientSampleId :

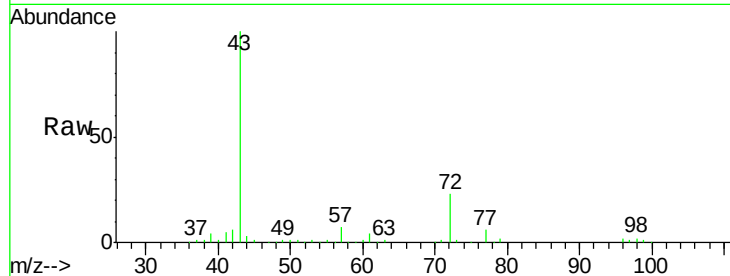
VSTDIC020

Tgt Ion: 43 Resp: 156767

Ion Ratio Lower Upper

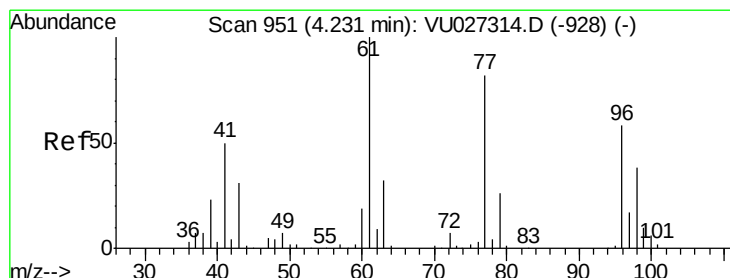
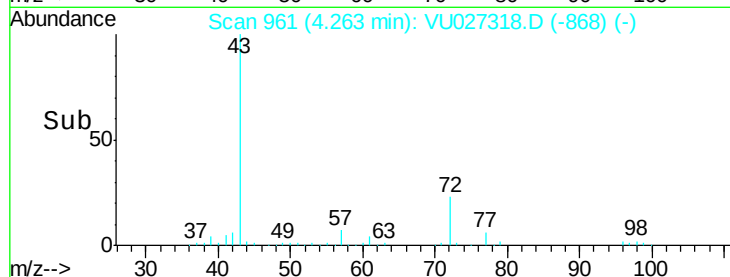
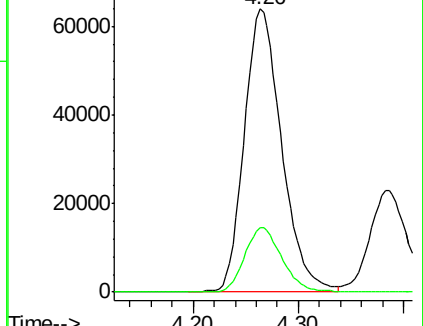
43 100

72 22.9 17.8 26.6



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 72.00 (71.70 to 72.70): VU0



#26

2,2-Dichloropropane

Concen: 19.130 ug/l

RT: 4.23 min Scan# 951

Delta R.T. 0.00 min

Lab File: VU027318.D

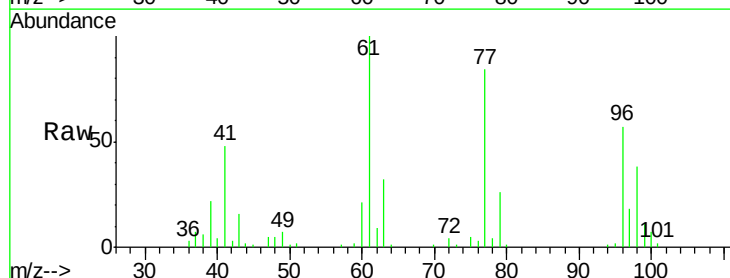
Acq: 01 Oct 2018 12:52

Tgt Ion: 77 Resp: 50040

Ion Ratio Lower Upper

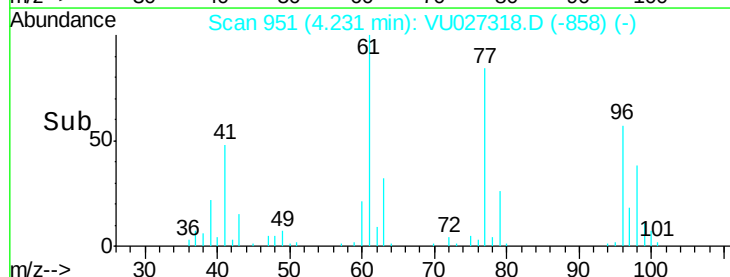
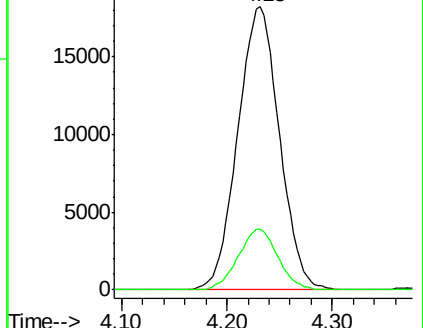
77 100

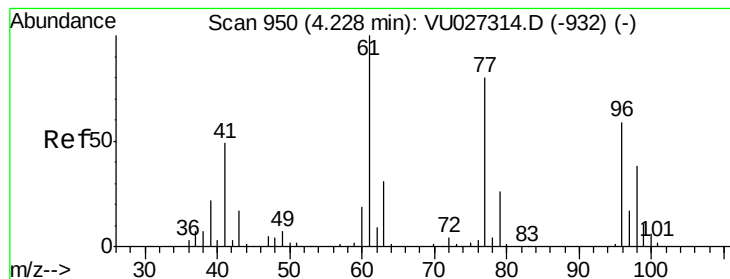
97 20.4 10.4 31.1



Abundance Ion 76.90 (76.60 to 77.60): VU0

Ion 96.90 (96.60 to 97.60): VU0



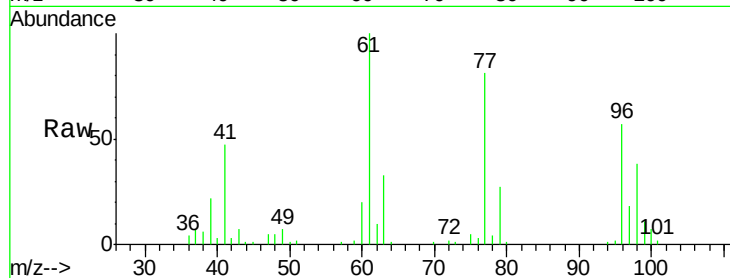


#27

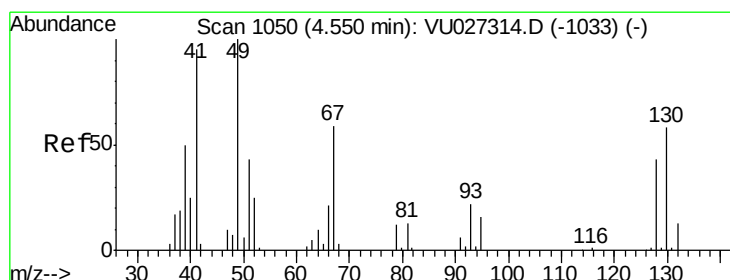
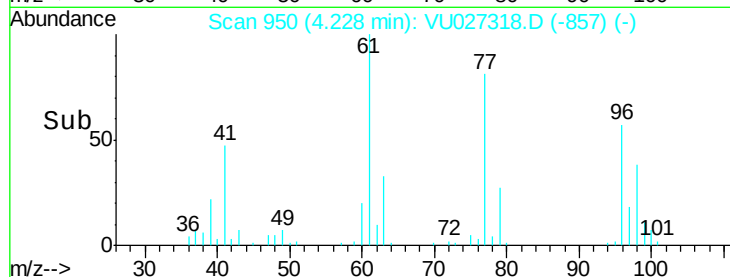
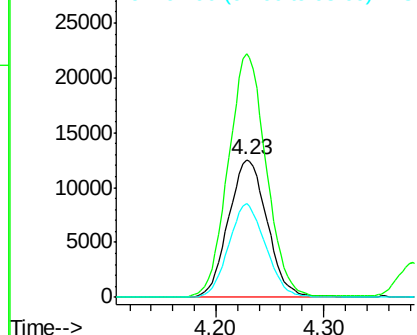
cis-1,2-Dichloroethene
Concen: 18.989 ug/l
RT: 4.23 min Scan# 950
Delta R.T. 0.00 min
Lab File: VU027318.D
Acq: 01 Oct 2018 12:52

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

Tgt Ion: 96 Resp: 31280
Ion Ratio Lower Upper
96 100
61 173.7 0.0 343.8
98 65.2 0.0 129.0



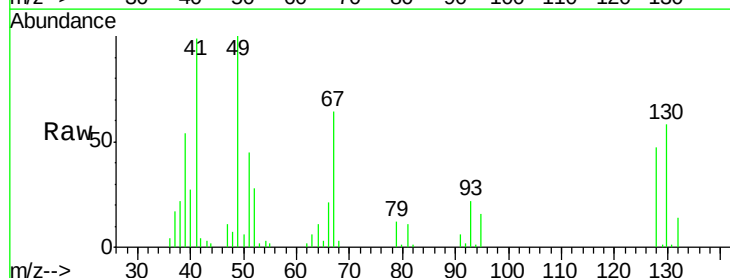
Abundance Ion 95.90 (95.60 to 96.60): VU0
Ion 60.90 (60.60 to 61.60): VU0
Ion 97.90 (97.60 to 98.60): VU0



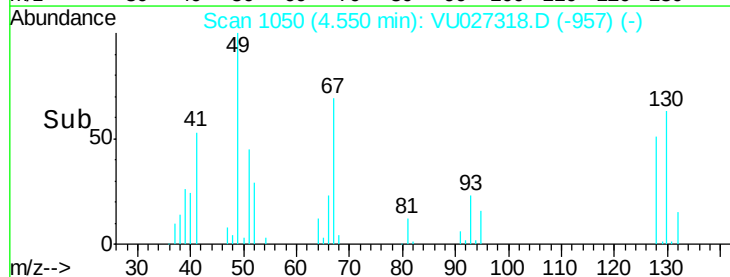
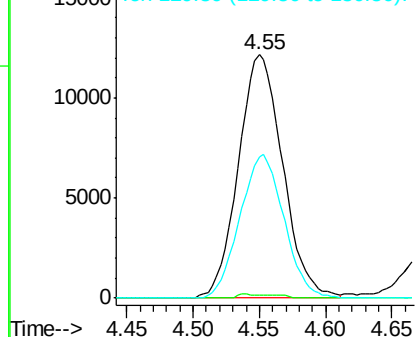
#28

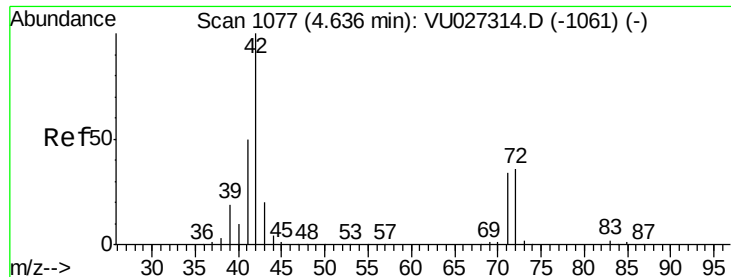
Bromochloromethane
Concen: 18.428 ug/l
RT: 4.55 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VU027318.D
Acq: 01 Oct 2018 12:52

Tgt Ion: 49 Resp: 28303
Ion Ratio Lower Upper
49 100
129 0.6 0.0 3.0
130 58.4 46.1 69.1



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

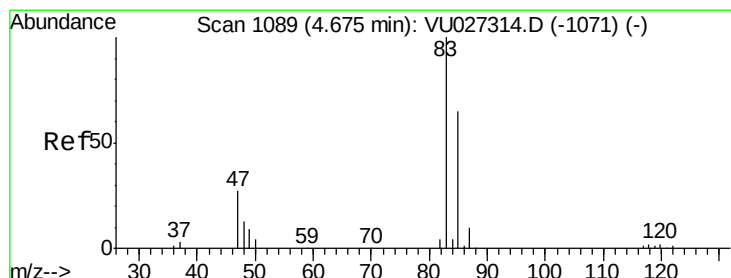
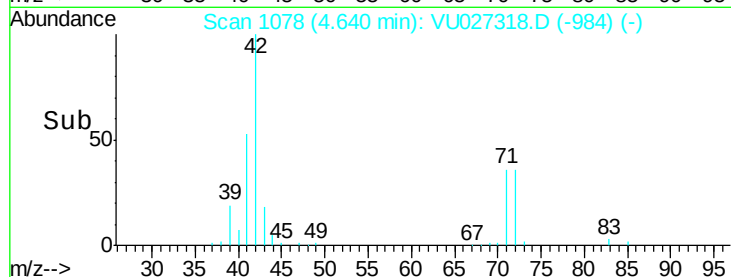
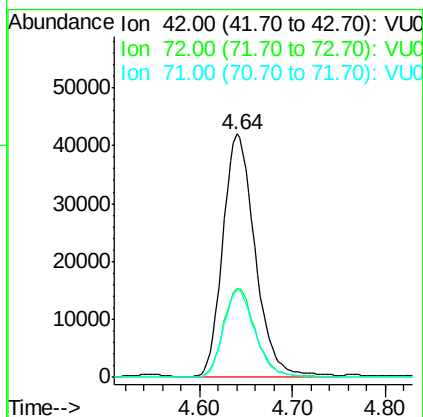
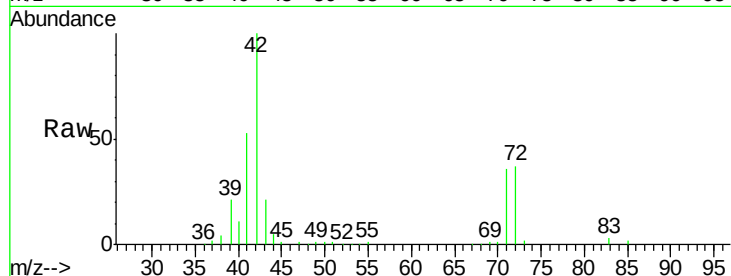




#29
Tetrahydrofuran
Concen: 98.984 ug/l
RT: 4.64 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VU027318.D
Acq: 01 Oct 2018 12:52

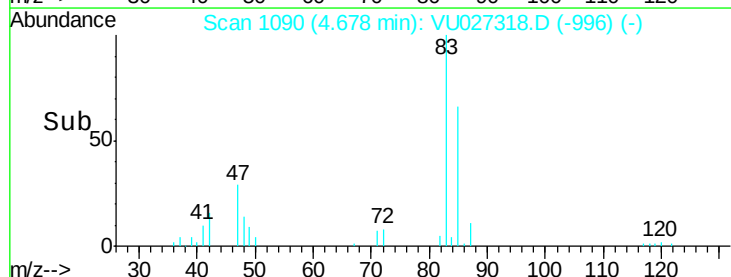
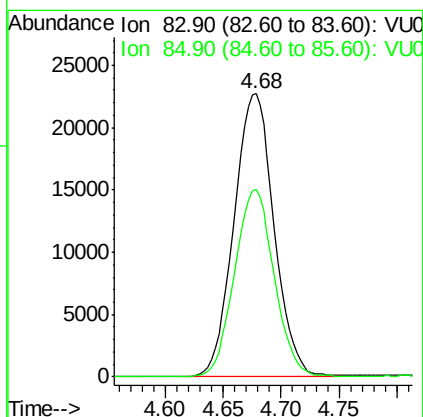
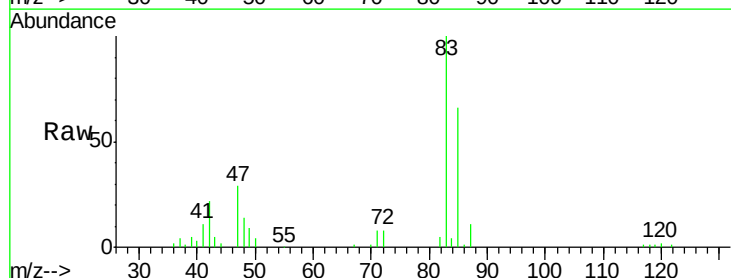
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

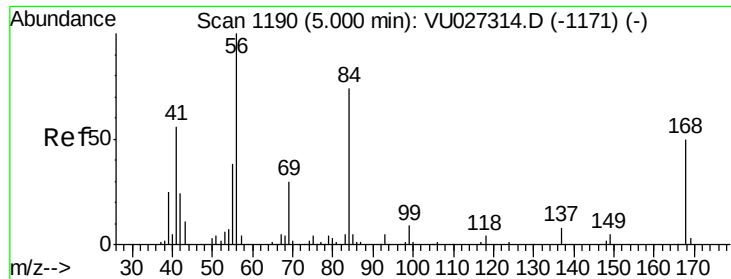
Tgt Ion: 42 Resp: 101923
Ion Ratio Lower Upper
42 100
72 36.4 30.1 45.1
71 34.8 27.7 41.5



#30
Chloroform
Concen: 19.285 ug/l
RT: 4.68 min Scan# 1090
Delta R.T. 0.00 min
Lab File: VU027318.D
Acq: 01 Oct 2018 12:52

Tgt Ion: 83 Resp: 54545
Ion Ratio Lower Upper
83 100
85 66.3 51.8 77.6

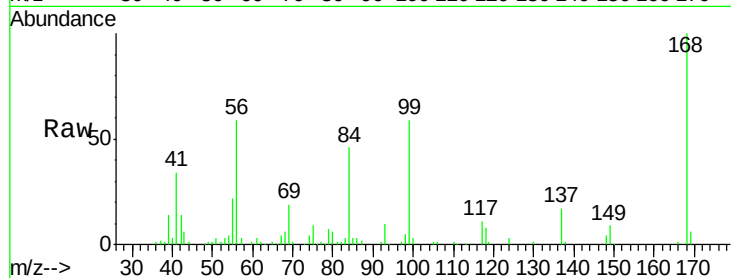




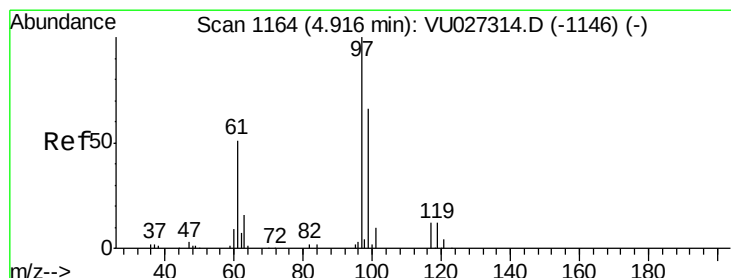
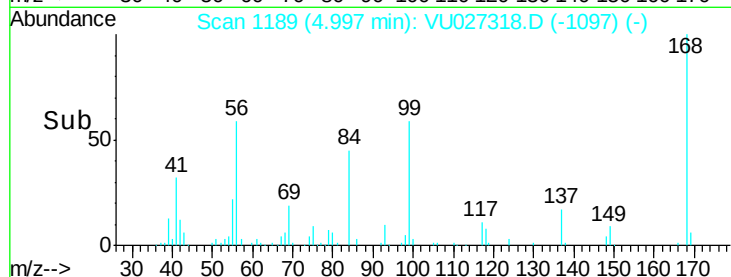
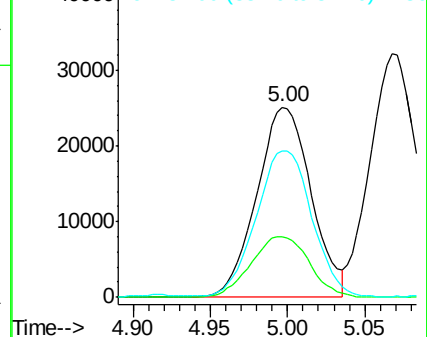
#31
Cyclohexane
Concen: 16.496 ug/l
RT: 5.00 min Scan# 1189
Delta R.T. -0.00 min
Lab File: VU027318.D
Acq: 01 Oct 2018 12:52

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

Tgt Ion: 56 Resp: 61409
Ion Ratio Lower Upper
56 100
69 31.7 24.1 36.1
84 76.4 59.1 88.7

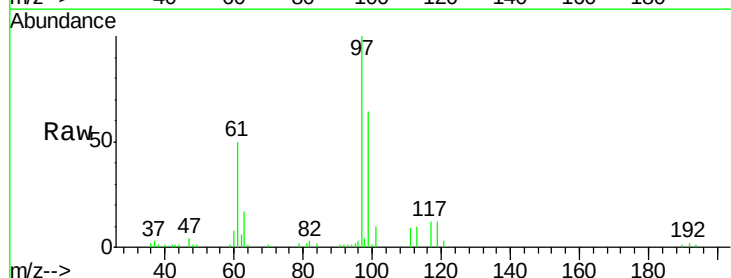


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

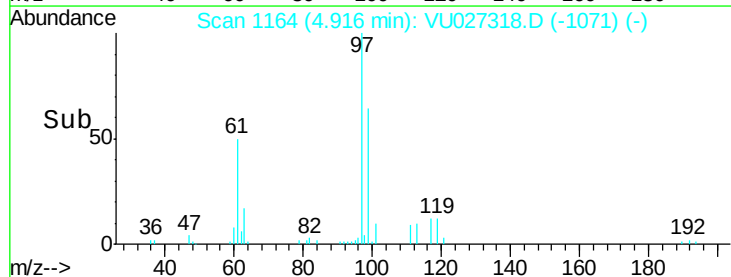
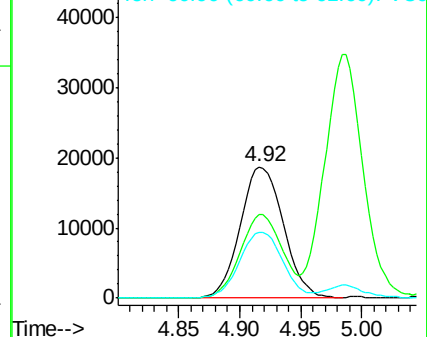


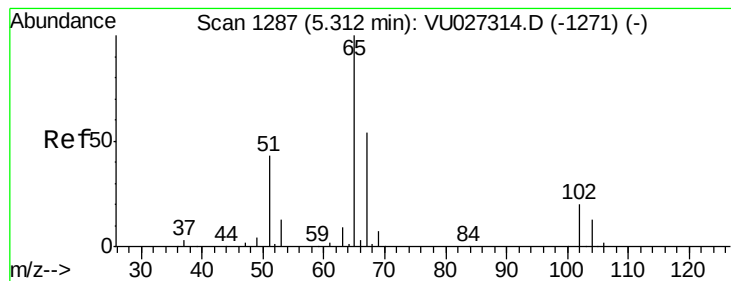
#32
1,1,1-Trichloroethane
Concen: 19.273 ug/l
RT: 4.92 min Scan# 1164
Delta R.T. 0.00 min
Lab File: VU027318.D
Acq: 01 Oct 2018 12:52

Tgt Ion: 97 Resp: 45908
Ion Ratio Lower Upper
97 100
99 61.8 51.1 76.7
61 50.3 39.6 59.4



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





#33

1,2-Dichloroethane-d4

Concen: 19.139 ug/l

RT: 5.31 min Scan# 1287

Delta R.T. 0.00 min

Lab File: VU027318.D

Acq: 01 Oct 2018 12:52

Instrument :

MSVOA_U

ClientSampleId :

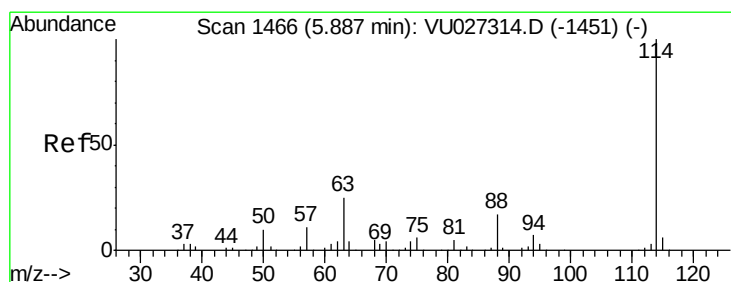
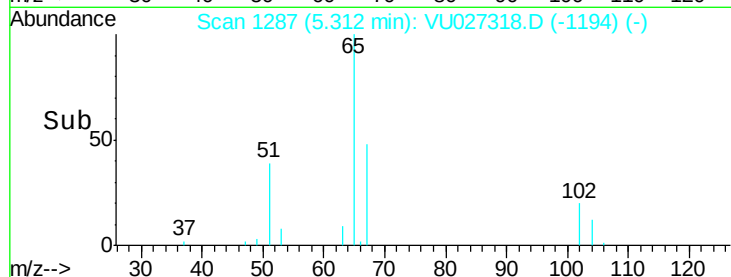
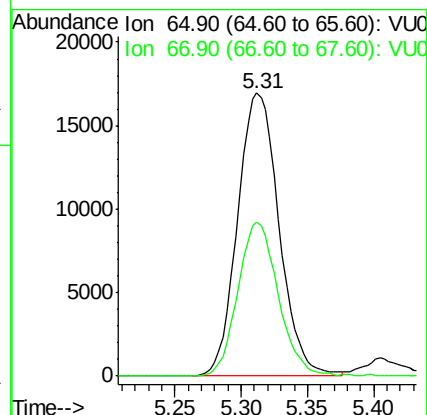
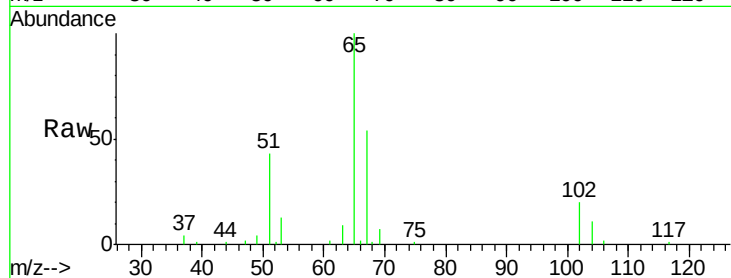
VSTDIC020

Tgt Ion: 65 Resp: 36887

Ion Ratio Lower Upper

65 100

67 52.8 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: VU027318.D

Acq: 01 Oct 2018 12:52

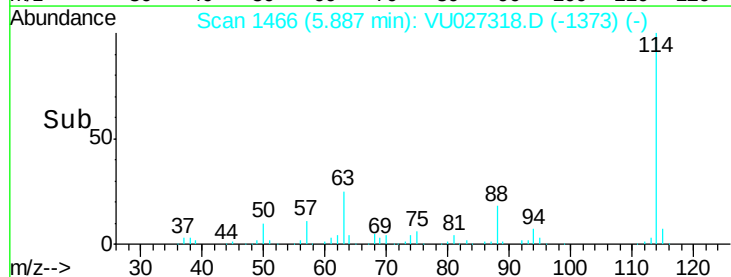
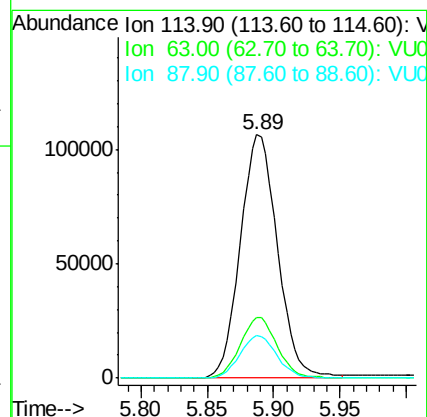
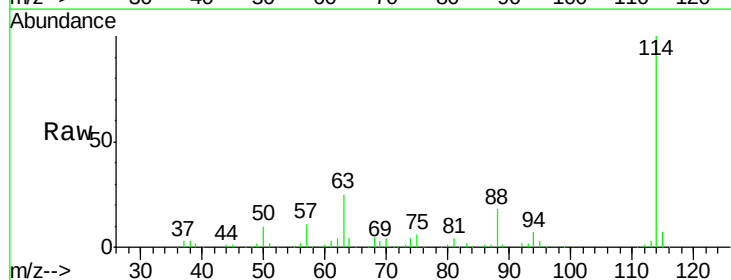
Tgt Ion: 114 Resp: 207858

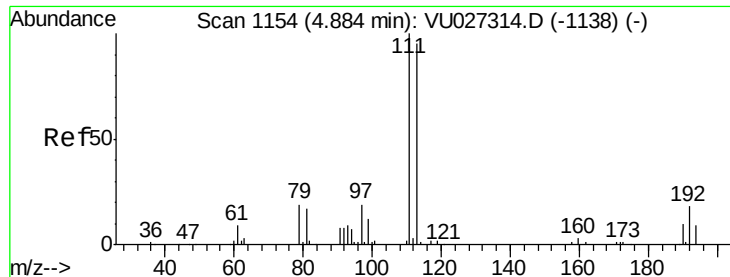
Ion Ratio Lower Upper

114 100

63 25.1 0.0 50.2

88 17.5 0.0 33.8





#35

Dibromofluoromethane

Concen: 18.709 ug/l

RT: 4.89 min Scan# 1155

Delta R.T. 0.00 min

Lab File: VU027318.D

Acq: 01 Oct 2018 12:52

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC020

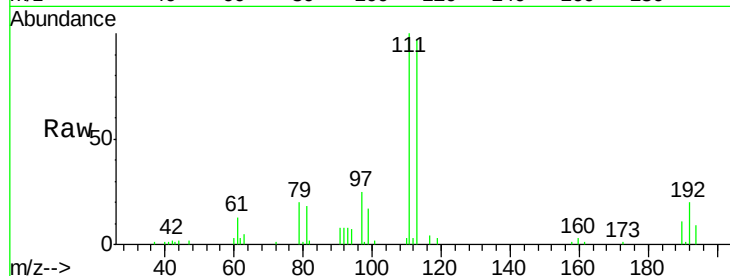
Tgt Ion:113 Resp: 25557

Ion Ratio Lower Upper

113 100

111 102.8 83.1 124.7

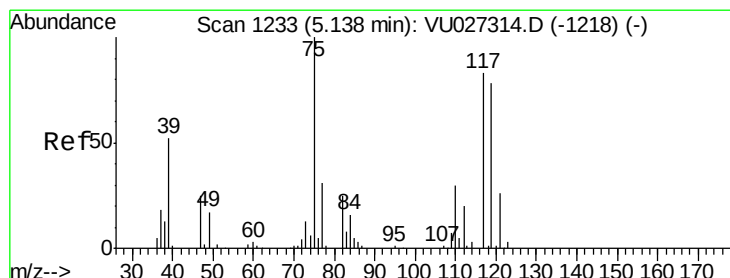
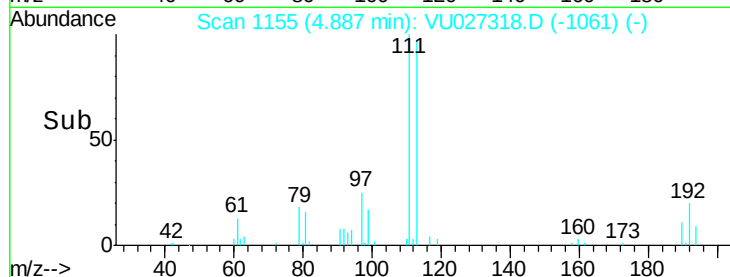
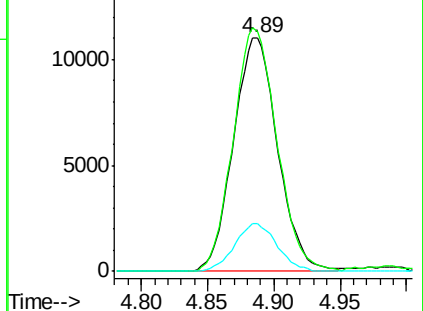
192 19.6 15.4 23.0



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: 18.973 ug/l

RT: 5.14 min Scan# 1233

Delta R.T. 0.00 min

Lab File: VU027318.D

Acq: 01 Oct 2018 12:52

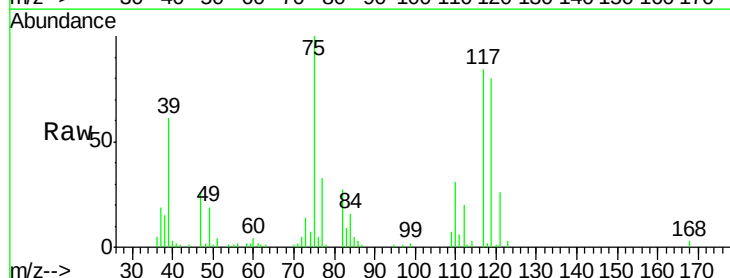
Tgt Ion: 75 Resp: 42820

Ion Ratio Lower Upper

75 100

110 29.6 15.5 46.5

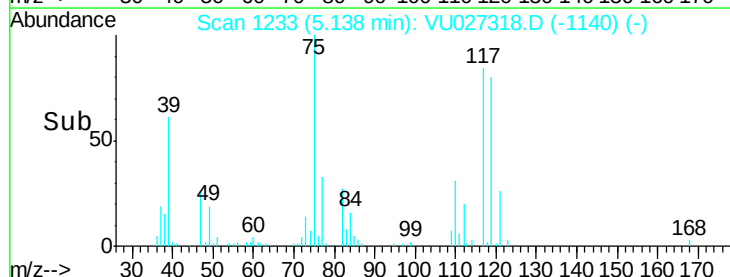
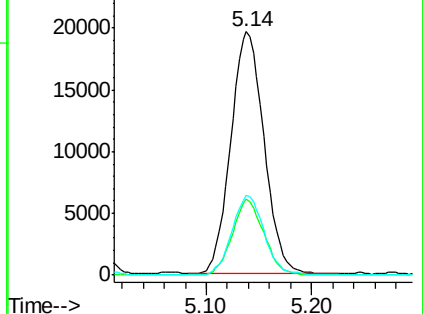
77 31.9 25.4 38.0

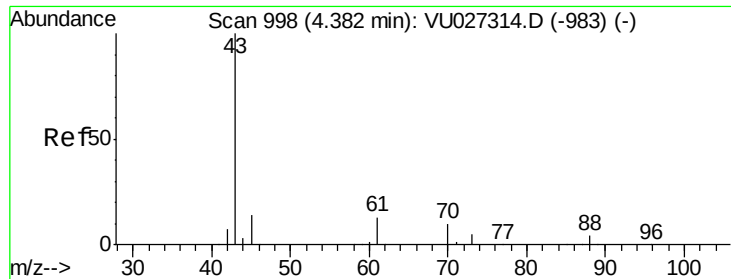


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VU0





#37

Ethyl Acetate

Concen: 19.819 ug/l

RT: 4.38 min Scan# 998

Delta R.T. 0.00 min

Lab File: VU027318.D

Acq: 01 Oct 2018 12:52

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC020

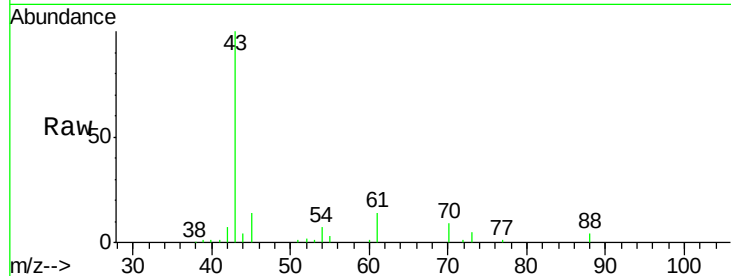
Tgt Ion: 43 Resp: 55155

Ion Ratio Lower Upper

43 100

61 12.6 10.7 16.1

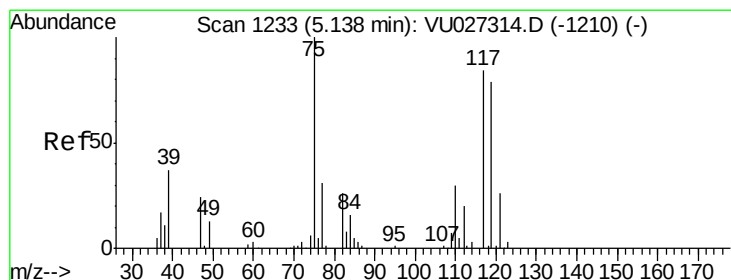
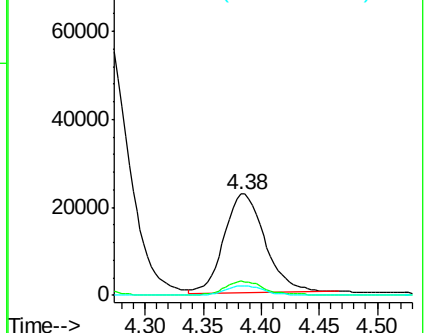
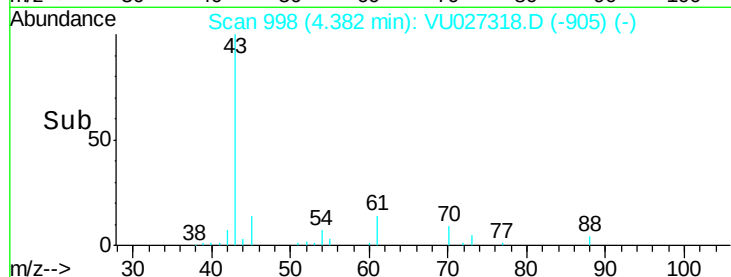
70 9.3 7.4 11.2



Abundance Ion 43.00 (42.70 to 43.70): VU027318.D (-905) (-)

Ion 60.90 (60.60 to 61.60): VU027318.D (-905) (-)

Ion 70.00 (69.70 to 70.70): VU027318.D (-905) (-)



#38

Carbon Tetrachloride

Concen: 19.172 ug/l

RT: 5.14 min Scan# 1233

Delta R.T. 0.00 min

Lab File: VU027318.D

Acq: 01 Oct 2018 12:52

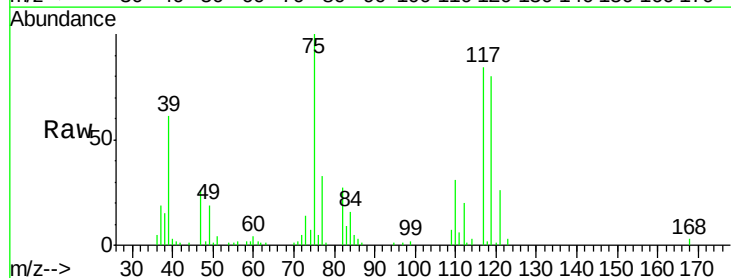
Tgt Ion: 117 Resp: 39086

Ion Ratio Lower Upper

117 100

119 94.9 74.5 111.7

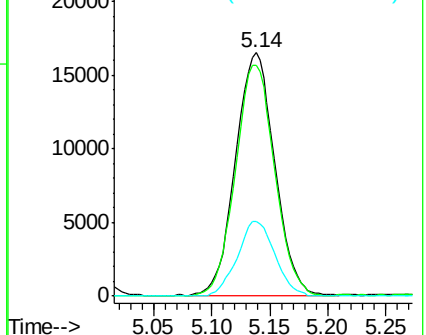
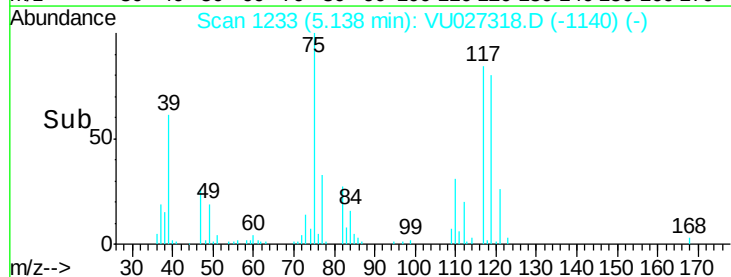
121 30.7 24.6 37.0

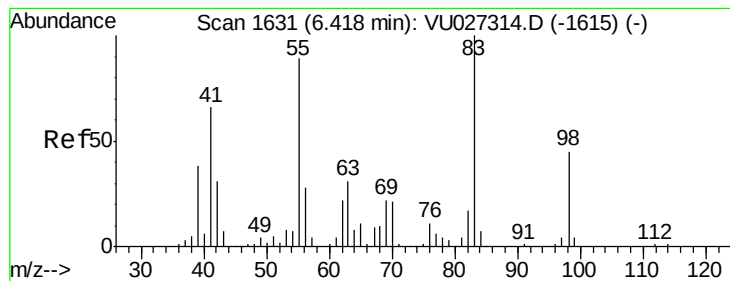


Abundance Ion 116.80 (116.50 to 117.50): VU027318.D (-1140) (-)

Ion 118.80 (118.50 to 119.50): VU027318.D (-1140) (-)

Ion 120.80 (120.50 to 121.50): VU027318.D (-1140) (-)





#39

Methylcyclohexane

Concen: 18.685 ug/l

RT: 6.42 min Scan# 1631

Delta R.T. 0.00 min

Lab File: VU027318.D

Acq: 01 Oct 2018 12:52

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC020

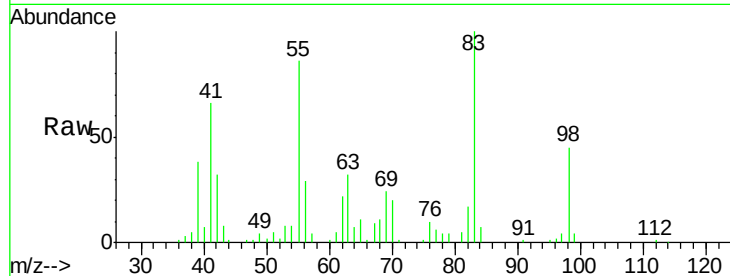
Tgt Ion: 83 Resp: 49294

Ion Ratio Lower Upper

83 100

55 86.1 71.1 106.7

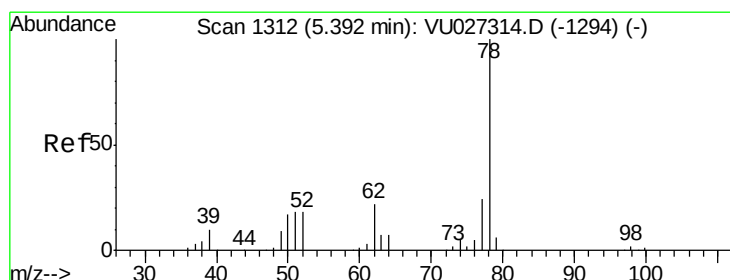
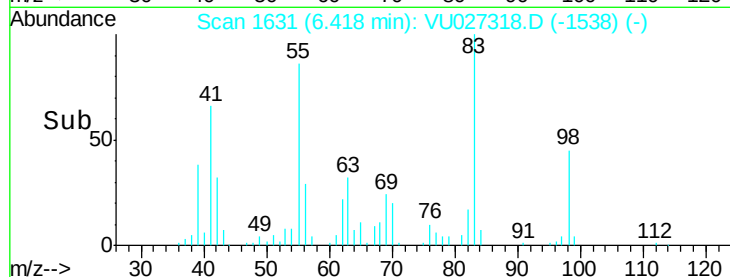
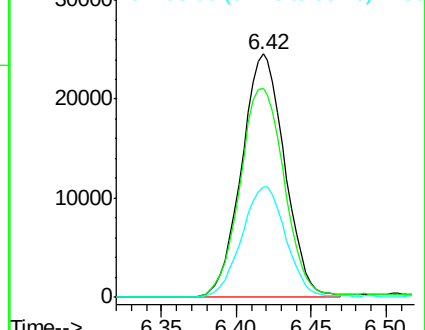
98 45.2 36.3 54.5



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: 19.149 ug/l

RT: 5.39 min Scan# 1312

Delta R.T. 0.00 min

Lab File: VU027318.D

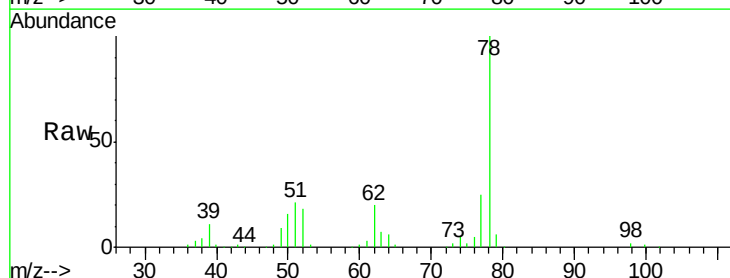
Acq: 01 Oct 2018 12:52

Tgt Ion: 78 Resp: 125888

Ion Ratio Lower Upper

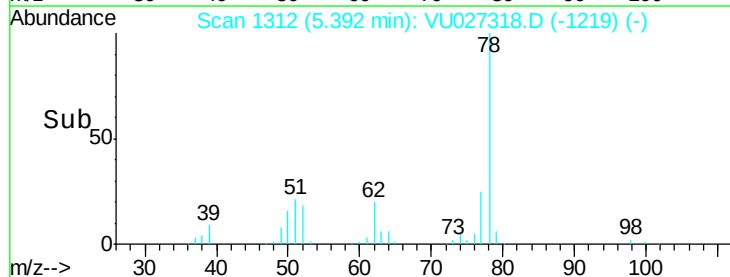
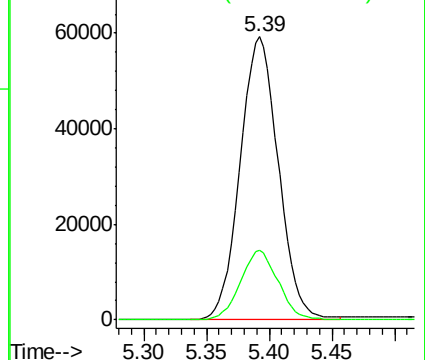
78 100

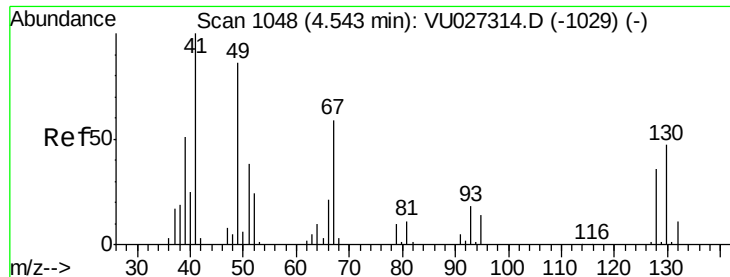
77 24.8 19.3 28.9



Abundance Ion 78.00 (77.70 to 78.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

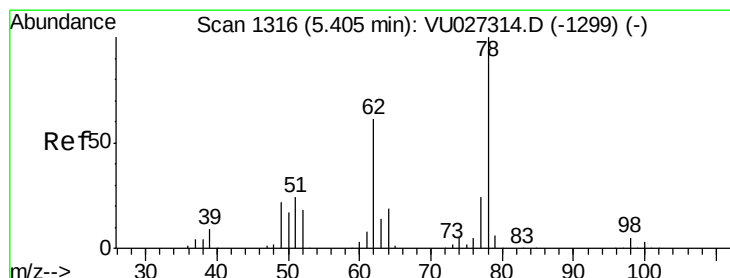
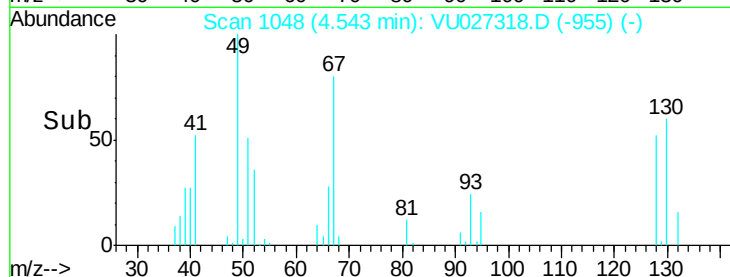
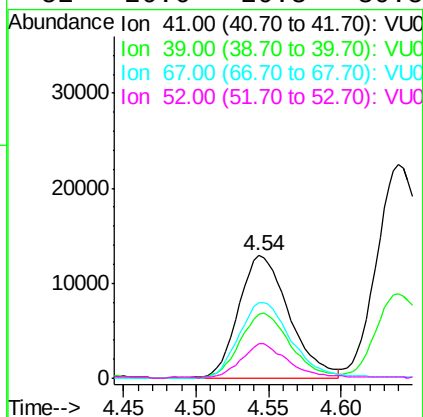
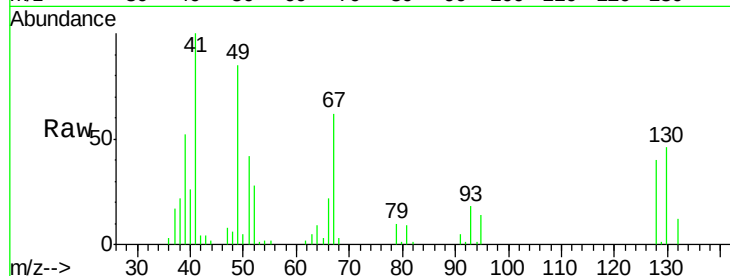




#41
Methacrylonitrile
Concen: 19.105 ug/l
RT: 4.54 min Scan# 1048
Delta R.T. 0.00 min
Lab File: VU027318.D
Acq: 01 Oct 2018 12:52

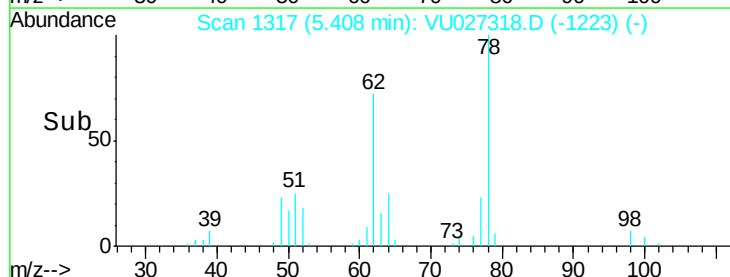
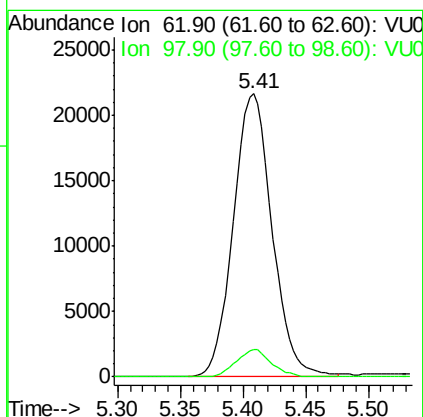
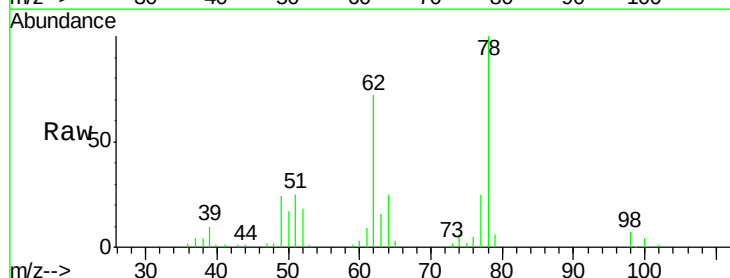
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

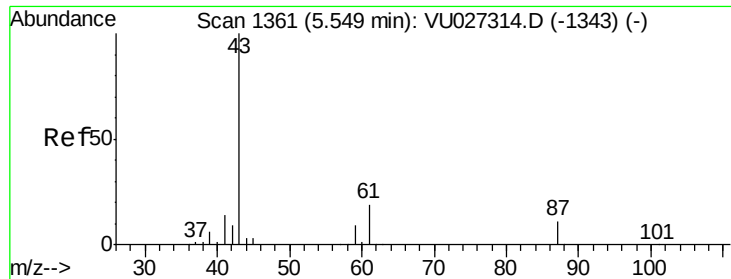
Tgt Ion:	41	Resp:	31496
Ion	Ratio	Lower	Upper
41	100		
39	52.5	41.1	61.7
67	63.9	50.4	75.6
52	26.6	20.3	30.5



#42
1,2-Dichloroethane
Concen: 19.119 ug/l
RT: 5.41 min Scan# 1317
Delta R.T. 0.00 min
Lab File: VU027318.D
Acq: 01 Oct 2018 12:52

Tgt Ion:	62	Resp:	46655
Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	16.8





#43

Isopropyl Acetate

Concen: 19.111 ug/l

RT: 5.55 min Scan# 1362

Delta R.T. 0.00 min

Lab File: VU027318.D

Acq: 01 Oct 2018 12:52

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC020

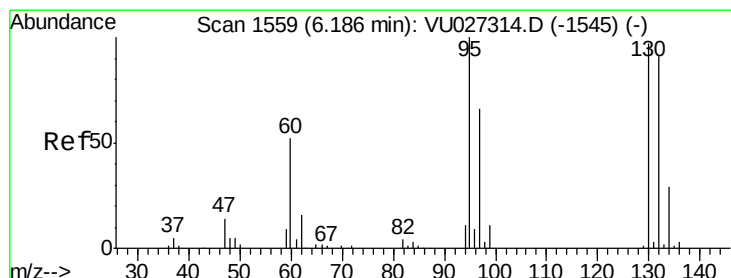
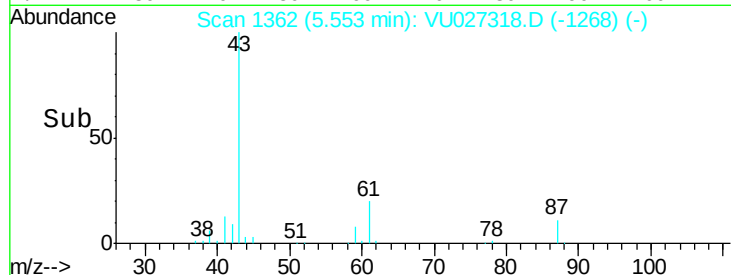
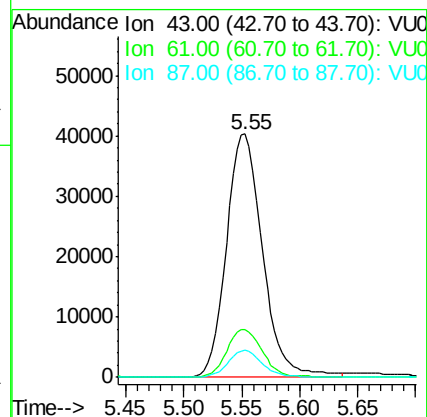
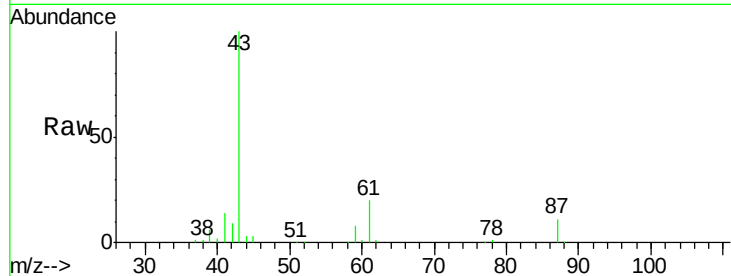
Tgt Ion: 43 Resp: 86574

Ion Ratio Lower Upper

43 100

61 19.7 15.3 22.9

87 10.7 8.6 13.0



#44

Trichloroethene

Concen: 18.660 ug/l

RT: 6.19 min Scan# 1560

Delta R.T. 0.00 min

Lab File: VU027318.D

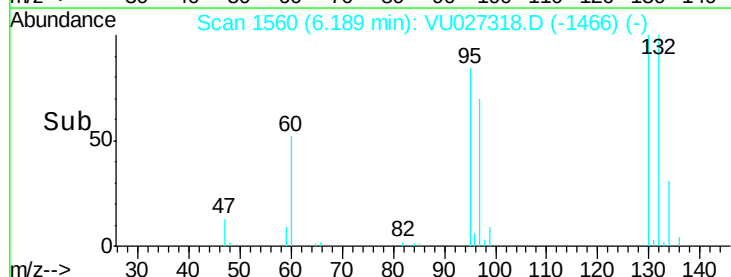
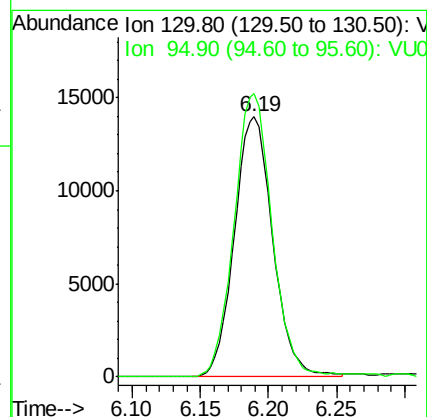
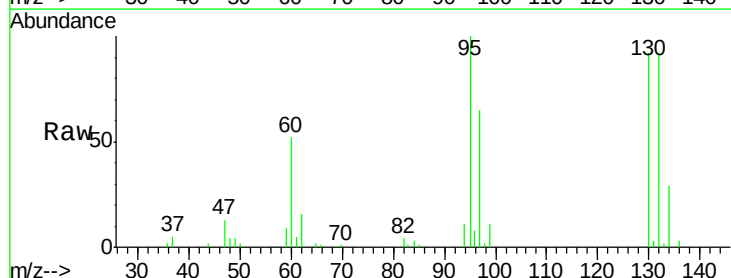
Acq: 01 Oct 2018 12:52

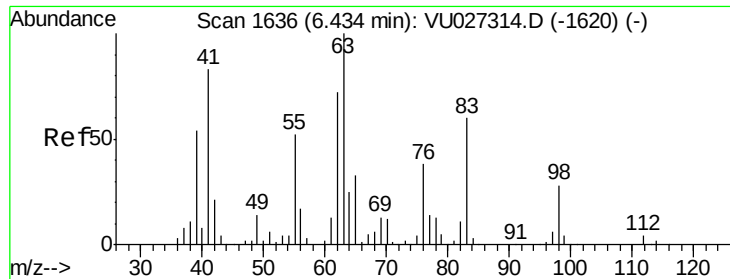
Tgt Ion: 130 Resp: 27354

Ion Ratio Lower Upper

130 100

95 108.8 0.0 207.0





#45

1,2-Dichloropropane

Concen: 19.328 ug/l

RT: 6.43 min Scan# 1636

Delta R.T. 0.00 min

Lab File: VU027318.D

Acq: 01 Oct 2018 12:52

Instrument :

MSVOA_U

ClientSampleId :

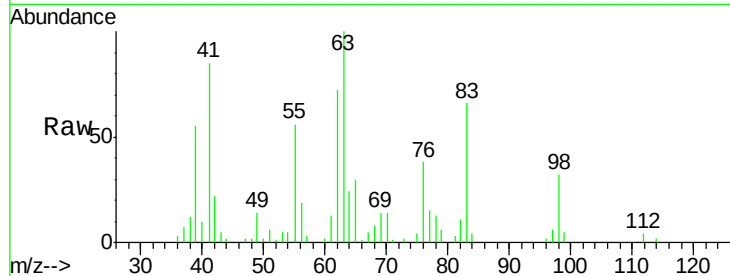
VSTDIC020

Tgt Ion: 63 Resp: 36649

Ion Ratio Lower Upper

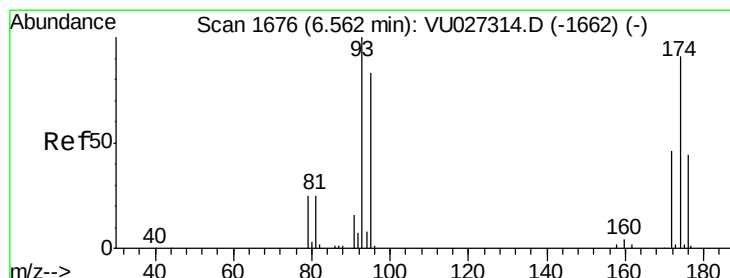
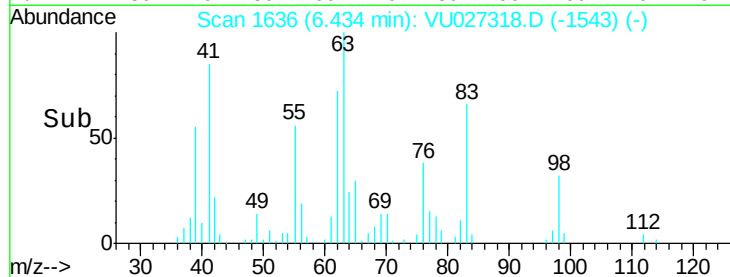
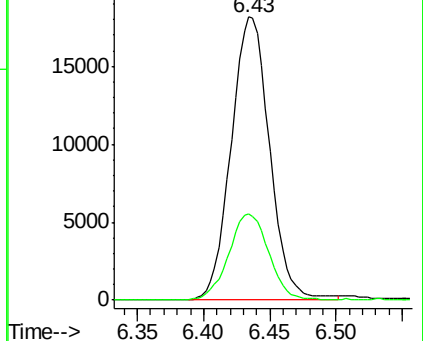
63 100

65 30.4 26.0 39.0



Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 64.90 (64.60 to 65.60): VU0



#46

Dibromomethane

Concen: 19.510 ug/l

RT: 6.56 min Scan# 1676

Delta R.T. 0.00 min

Lab File: VU027318.D

Acq: 01 Oct 2018 12:52

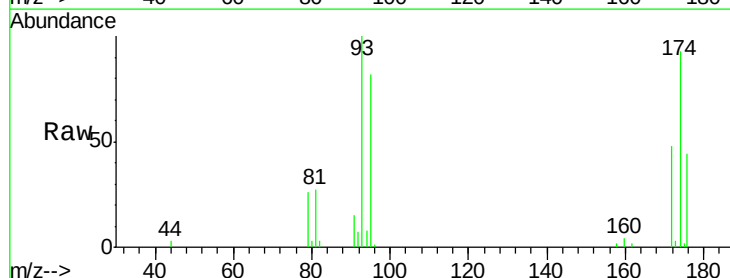
Tgt Ion: 93 Resp: 20894

Ion Ratio Lower Upper

93 100

95 84.5 66.5 99.7

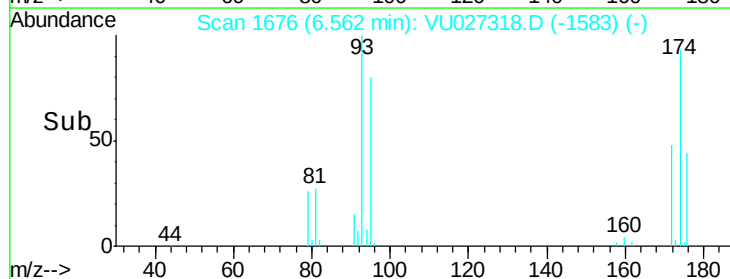
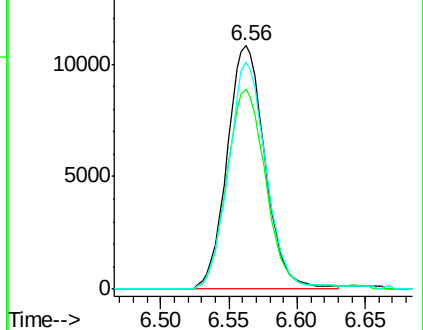
174 91.8 72.5 108.7

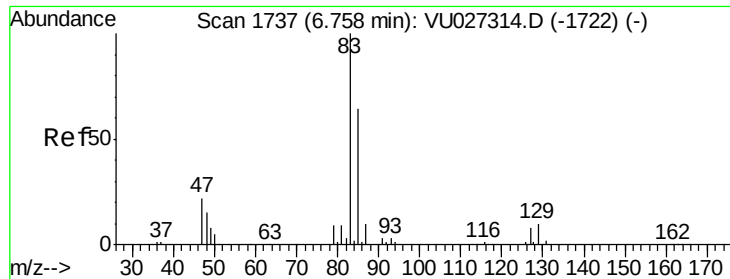


Abundance Ion 92.80 (92.50 to 93.50): VU0

Ion 94.80 (94.50 to 95.50): VU0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 19.157 ug/l

RT: 6.76 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VU027318.D

Acq: 01 Oct 2018 12:52

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC020

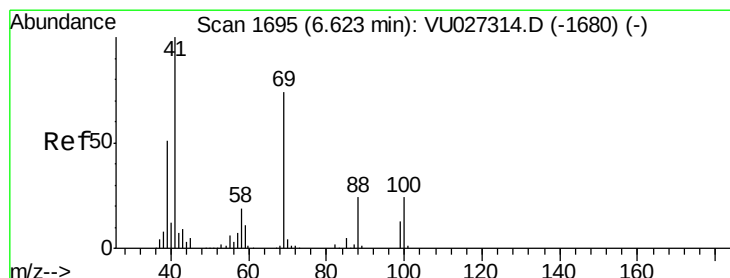
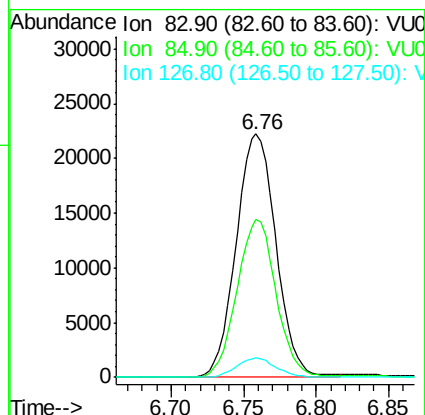
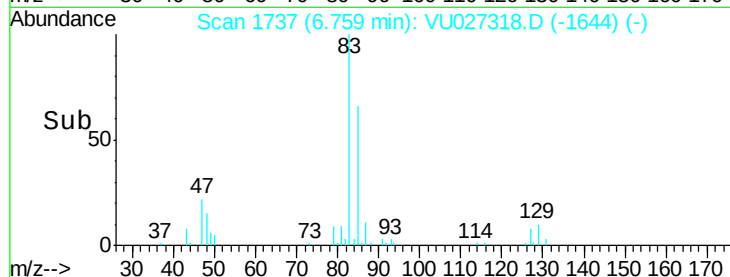
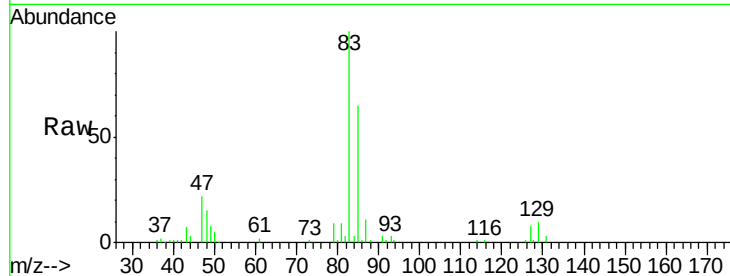
Tgt Ion: 83 Resp: 42569

Ion Ratio Lower Upper

83 100

85 65.0 51.4 77.0

127 7.9 6.3 9.5



#48

Methyl methacrylate

Concen: 18.924 ug/l

RT: 6.62 min Scan# 1695

Delta R.T. 0.00 min

Lab File: VU027318.D

Acq: 01 Oct 2018 12:52

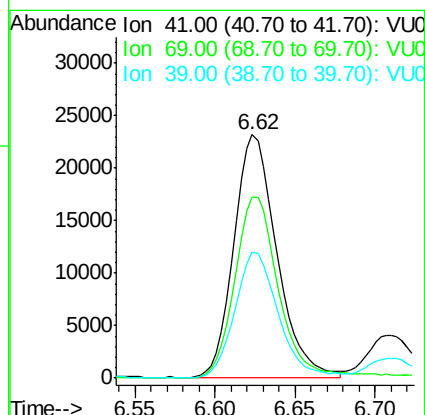
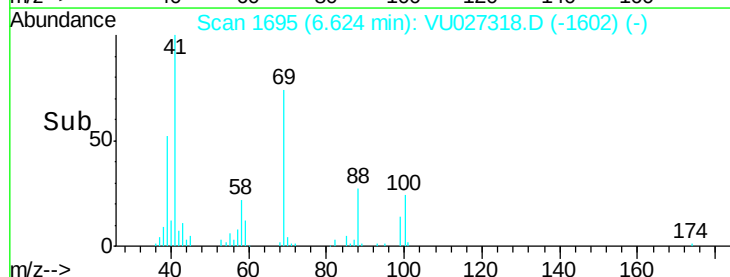
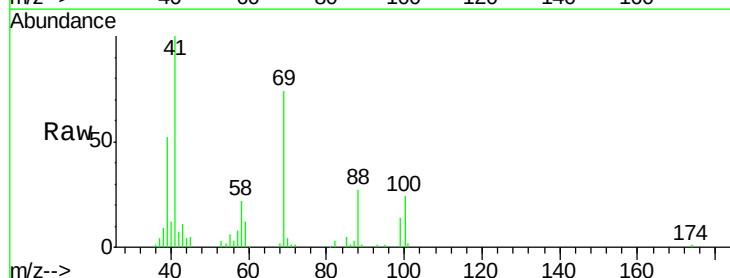
Tgt Ion: 41 Resp: 42630

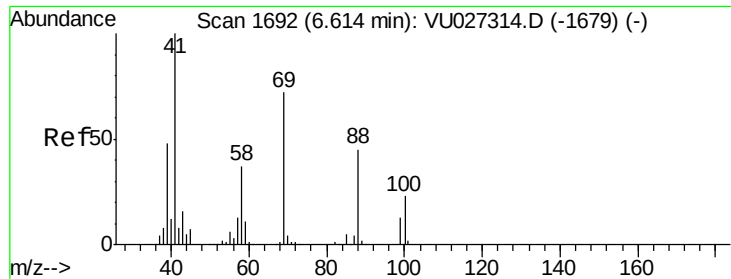
Ion Ratio Lower Upper

41 100

69 77.2 61.0 91.4

39 52.3 39.9 59.9

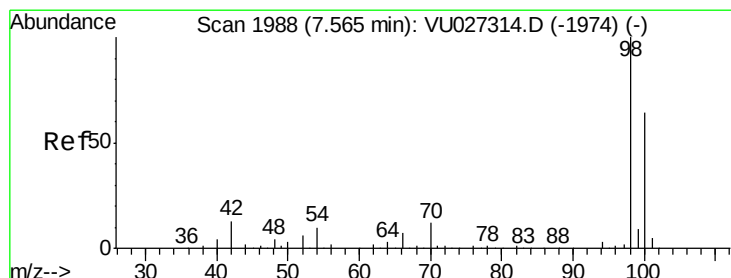
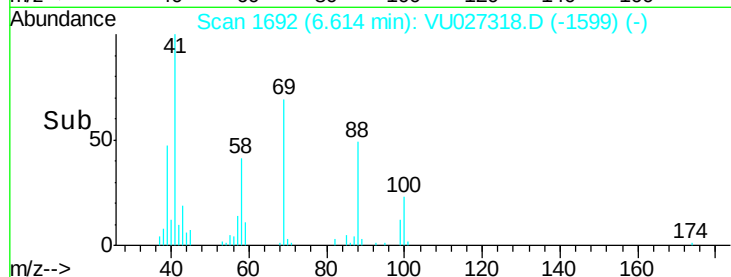
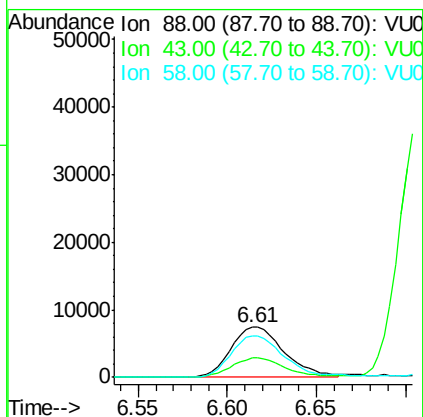
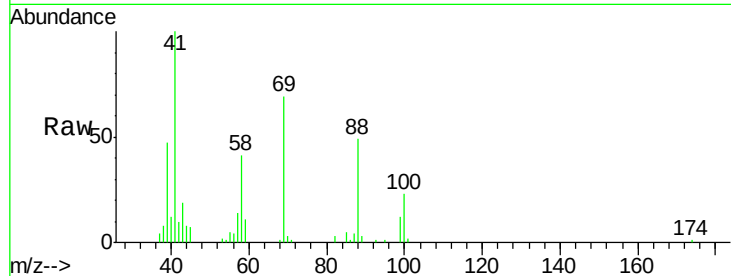




#49
1,4-Dioxane
Concen: 395.483 ug/l
RT: 6.61 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VU027318.D
Acq: 01 Oct 2018 12:52

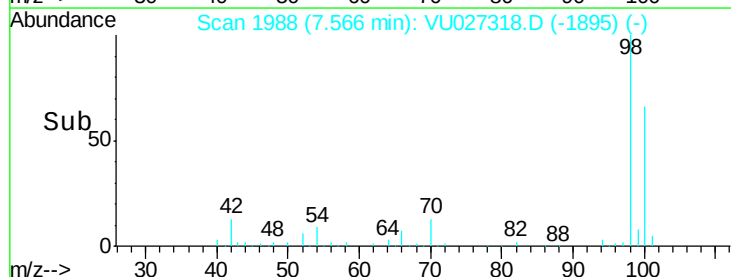
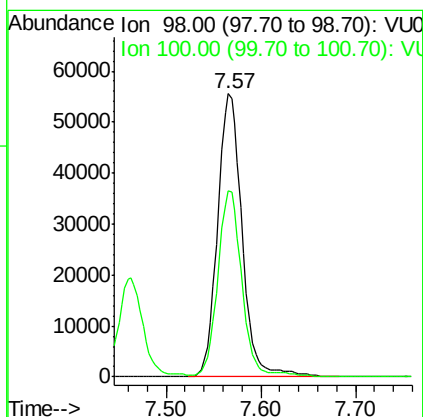
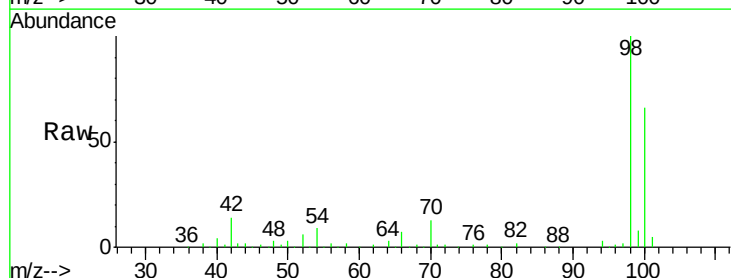
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

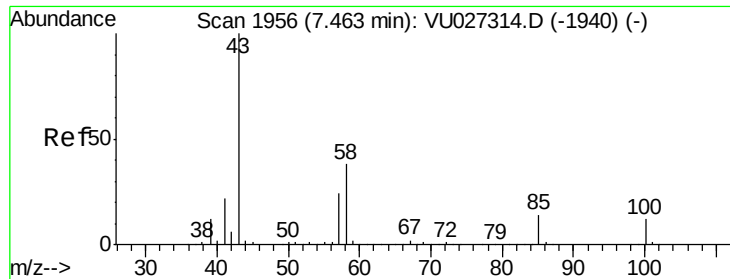
Tgt Ion: 88 Resp: 15329
Ion Ratio Lower Upper
88 100
43 39.4 30.8 46.2
58 83.4 67.0 100.6



#50
Toluene-d8
Concen: 18.774 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. 0.00 min
Lab File: VU027318.D
Acq: 01 Oct 2018 12:52

Tgt Ion: 98 Resp: 100083
Ion Ratio Lower Upper
98 100
100 65.1 52.1 78.1





#51

4-Methyl-2-Pentanone

Concen: 96.469 ug/l

RT: 7.46 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VU027318.D

Acq: 01 Oct 2018 12:52

Instrument :

MSVOA_U

ClientSampleId :

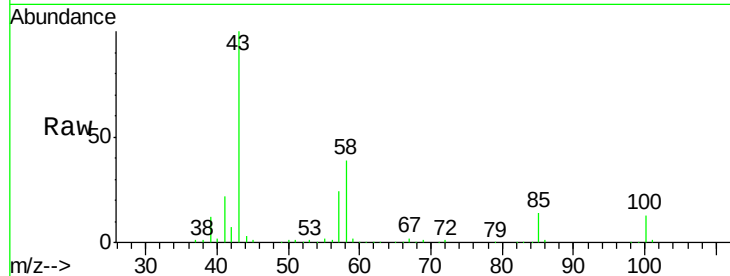
VSTDIC020

Tgt Ion: 43 Resp: 283975

Ion Ratio Lower Upper

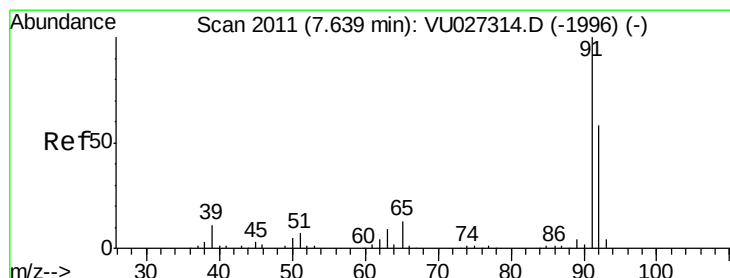
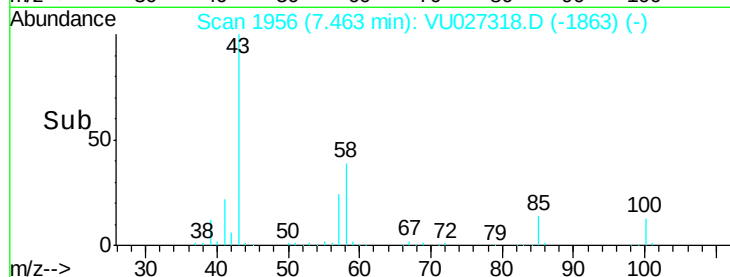
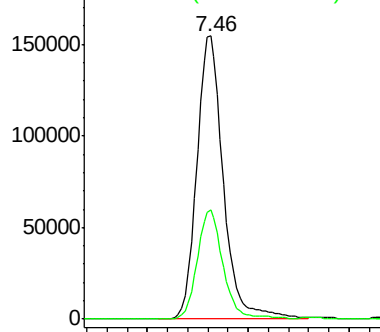
43 100

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: 19.363 ug/l

RT: 7.64 min Scan# 2011

Delta R.T. 0.00 min

Lab File: VU027318.D

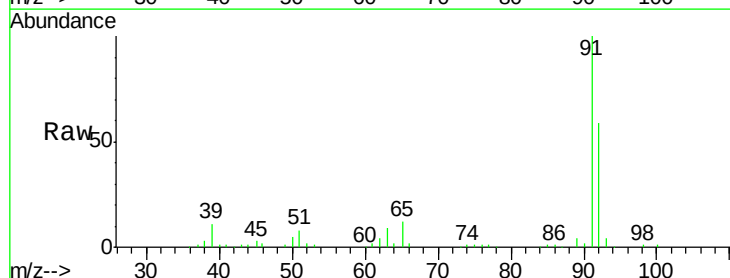
Acq: 01 Oct 2018 12:52

Tgt Ion: 92 Resp: 75342

Ion Ratio Lower Upper

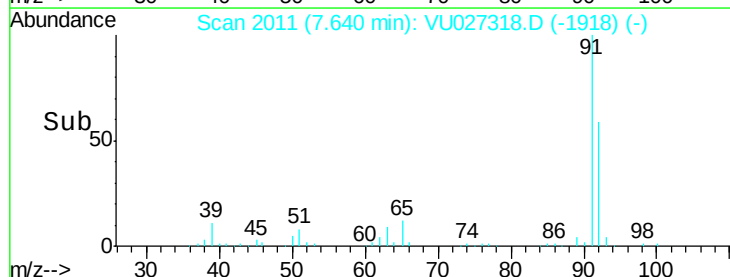
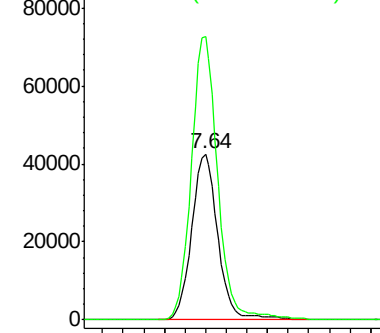
92 100

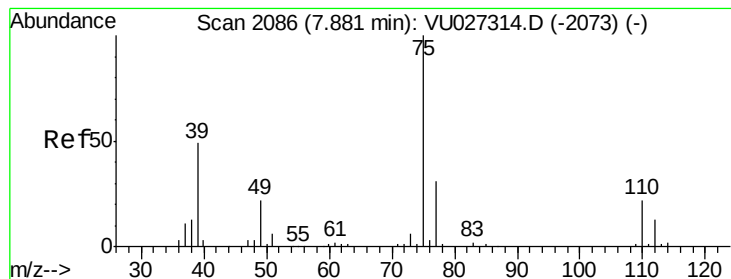
91 171.8 138.6 208.0



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: 19.216 ug/l

RT: 7.88 min Scan# 2086

Delta R.T. 0.00 min

Lab File: VU027318.D

Acq: 01 Oct 2018 12:52

Instrument :

MSVOA_U

ClientSampleId :

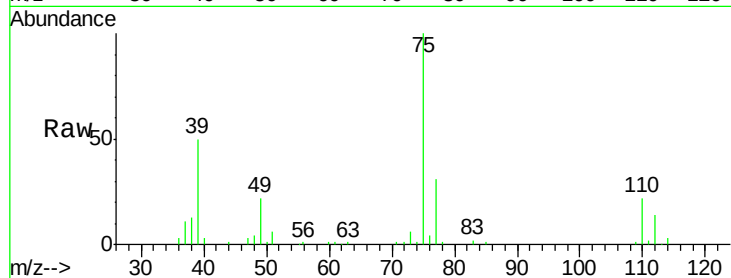
VSTDIC020

Tgt Ion: 75 Resp: 50066

Ion Ratio Lower Upper

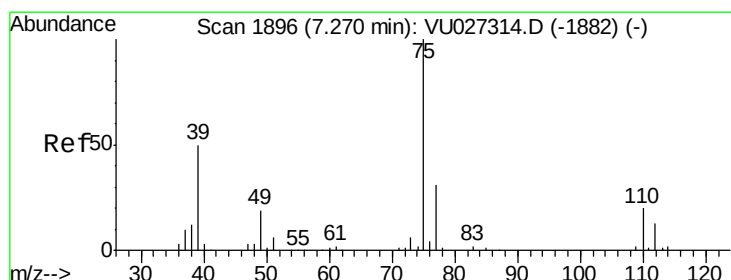
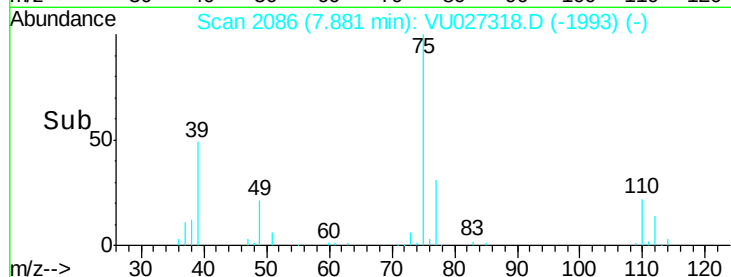
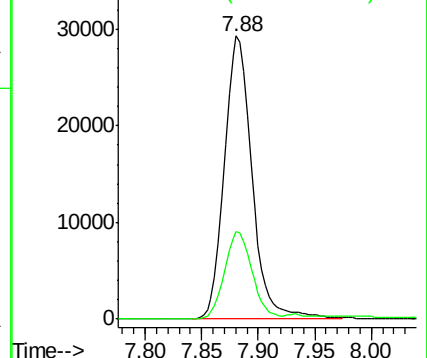
75 100

77 30.9 25.0 37.6



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 76.90 (76.60 to 77.60): VU0



#54

cis-1,3-Dichloropropene

Concen: 19.382 ug/l

RT: 7.27 min Scan# 1897

Delta R.T. 0.00 min

Lab File: VU027318.D

Acq: 01 Oct 2018 12:52

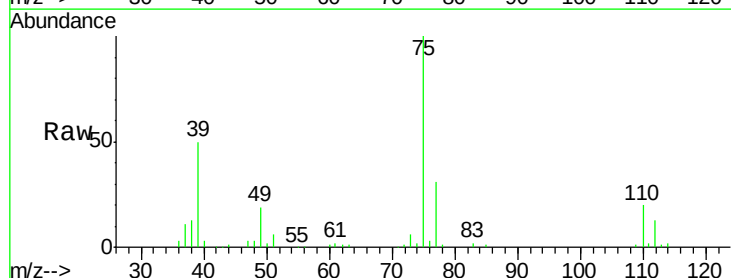
Tgt Ion: 75 Resp: 54287

Ion Ratio Lower Upper

75 100

77 31.4 24.5 36.7

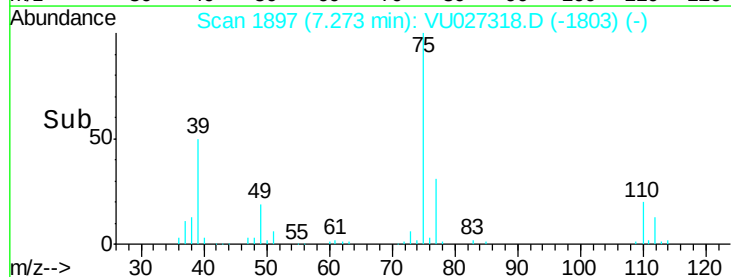
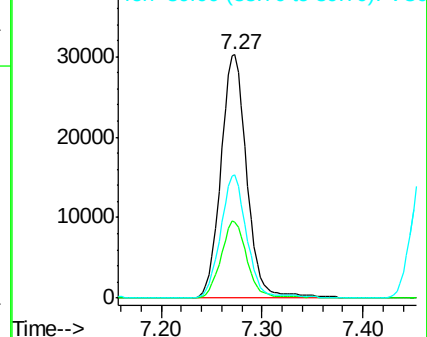
39 50.4 40.1 60.1

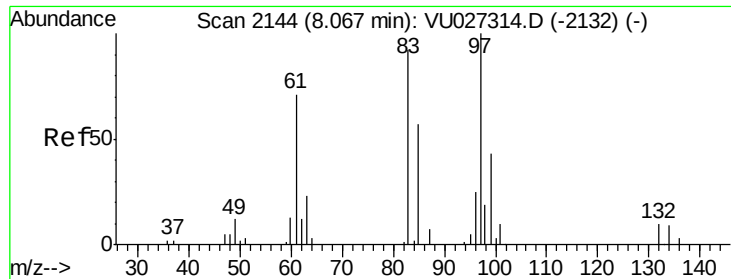


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 76.90 (76.60 to 77.60): VU0

Ion 39.00 (38.70 to 39.70): VU0

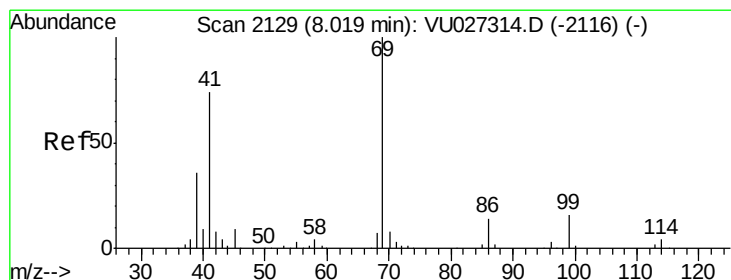
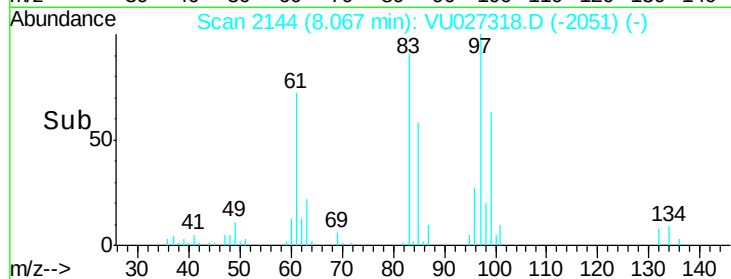
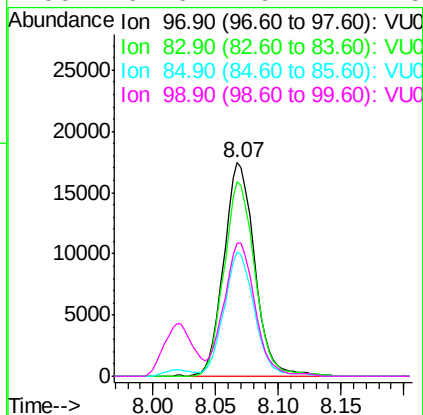
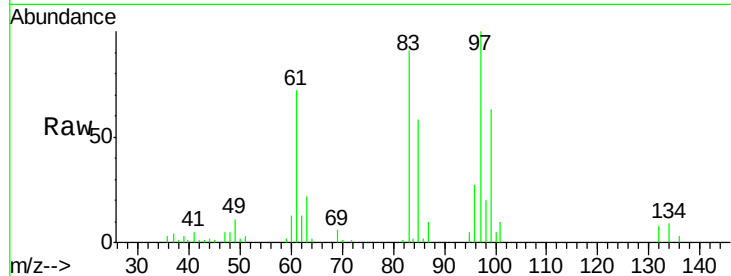




#55
 1,1,2-Trichloroethane
 Concen: 19.379 ug/l
 RT: 8.07 min Scan# 2144
 Delta R.T. 0.00 min
 Lab File: VU027318.D
 Acq: 01 Oct 2018 12:52

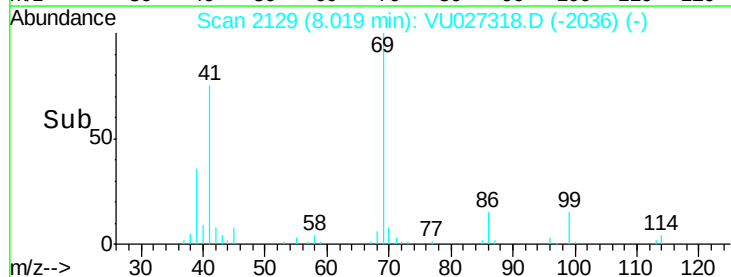
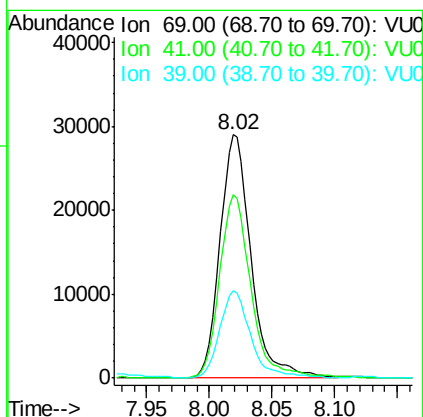
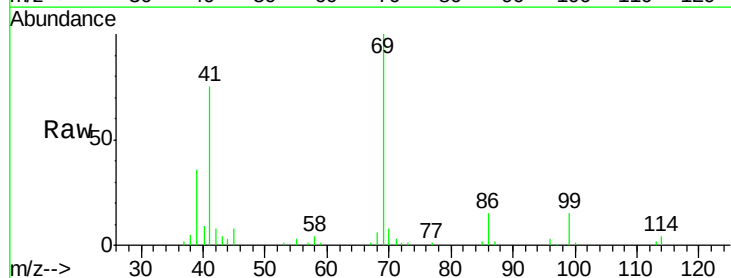
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

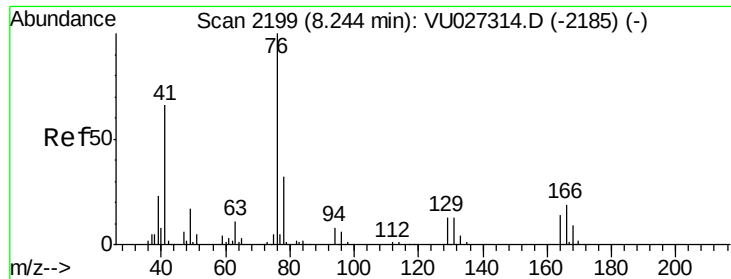
Tgt Ion:	97	Resp:	29897
Ion	Ratio	Lower	Upper
97	100		
83	91.3	73.0	109.6
85	58.2	47.3	70.9
99	62.6	49.7	74.5



#56
 Ethyl methacrylate
 Concen: 19.525 ug/l
 RT: 8.02 min Scan# 2129
 Delta R.T. 0.00 min
 Lab File: VU027318.D
 Acq: 01 Oct 2018 12:52

Tgt Ion:	69	Resp:	49992
Ion	Ratio	Lower	Upper
69	100		
41	76.2	60.0	90.0
39	36.1	29.5	44.3

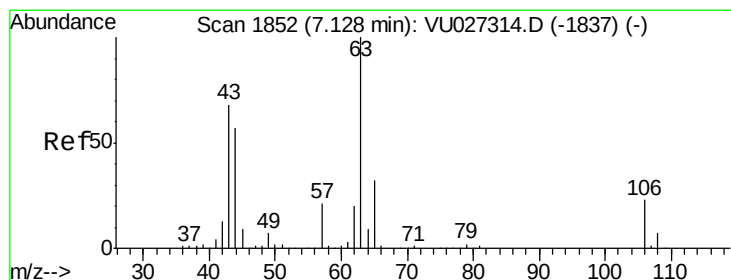
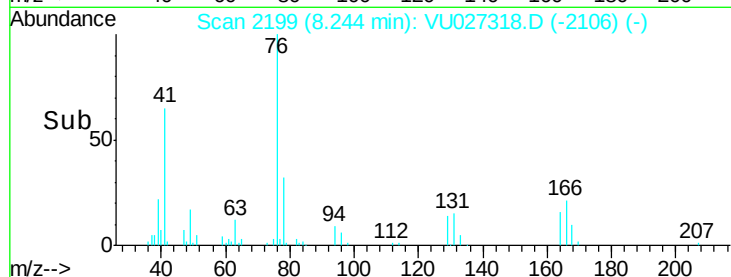
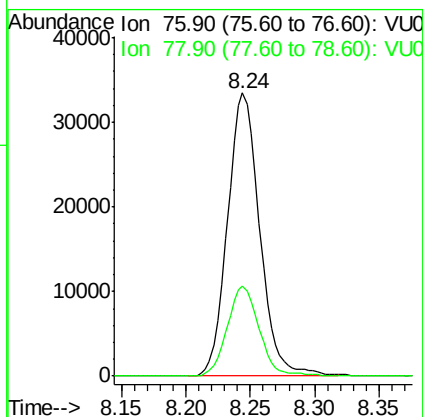
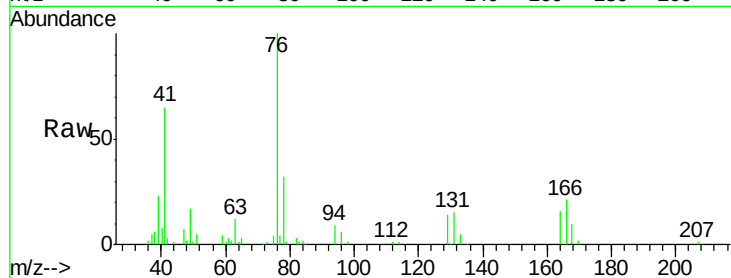




#57
 1,3-Dichloropropane
 Concen: 19.387 ug/l
 RT: 8.24 min Scan# 2199
 Delta R.T. 0.00 min
 Lab File: VU027318.D
 Acq: 01 Oct 2018 12:52

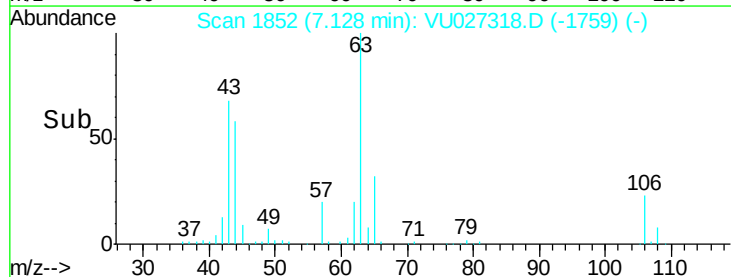
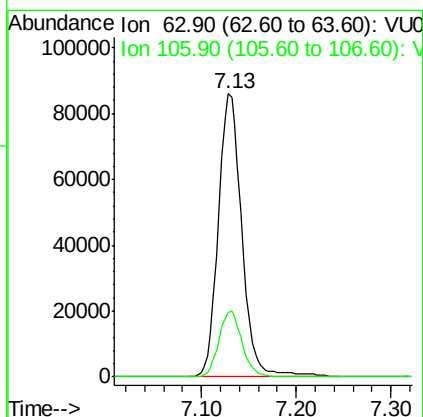
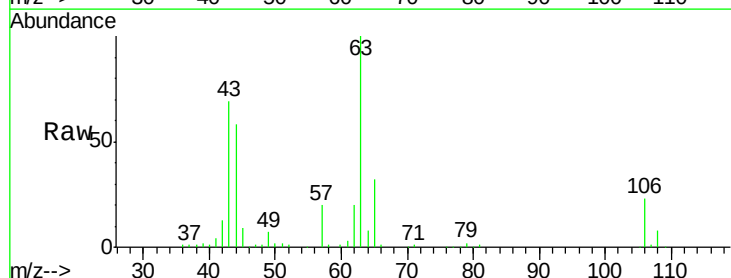
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

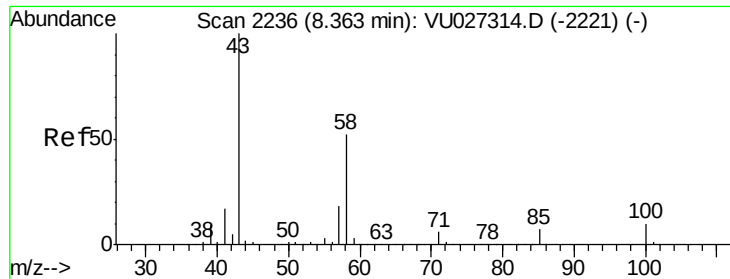
Tgt Ion: 76 Resp: 58063
 Ion Ratio Lower Upper
 76 100
 78 31.4 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 104.093 ug/l
 RT: 7.13 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VU027318.D
 Acq: 01 Oct 2018 12:52

Tgt Ion: 63 Resp: 148885
 Ion Ratio Lower Upper
 63 100
 106 22.8 18.5 27.7

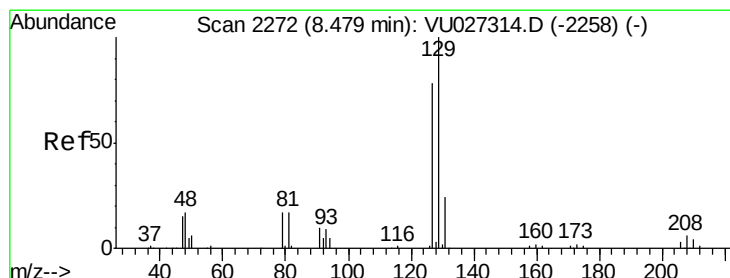
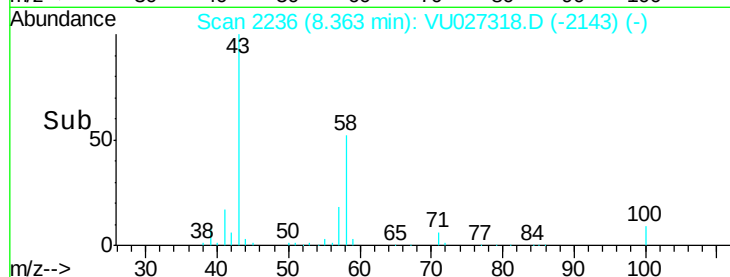
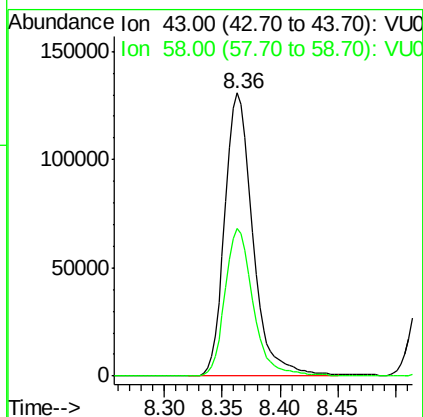
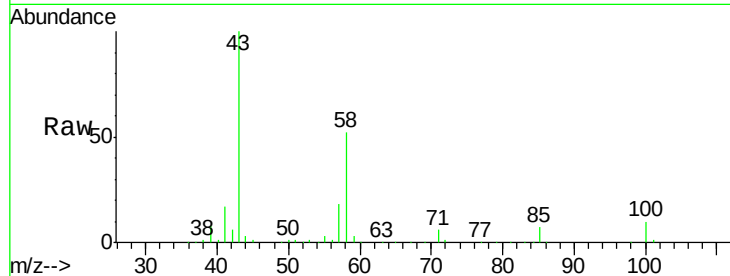




#59
2-Hexanone
Concen: 96.216 ug/l
RT: 8.36 min Scan# 2236
Delta R.T. 0.00 min
Lab File: VU027318.D
Acq: 01 Oct 2018 12:52

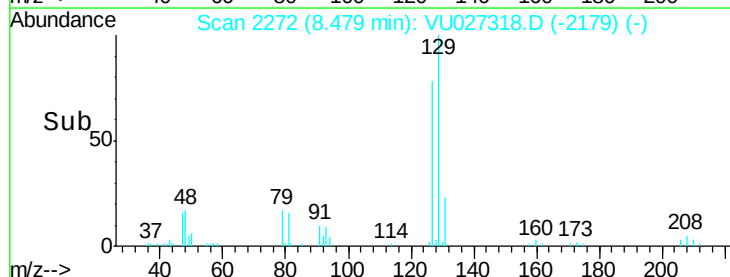
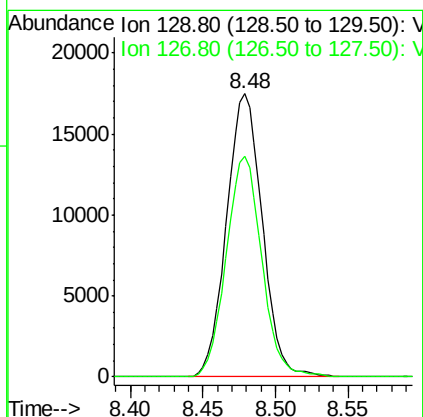
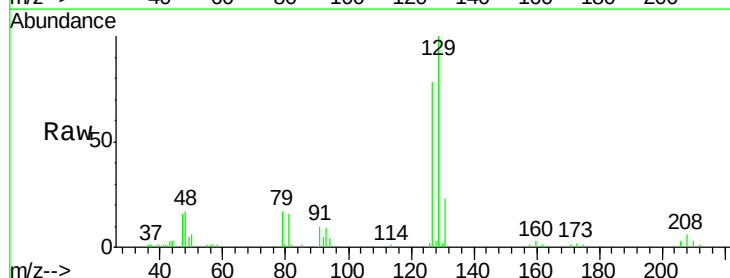
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

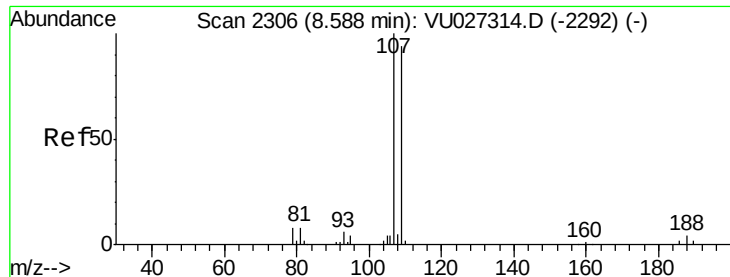
Tgt Ion: 43 Resp: 219708
Ion Ratio Lower Upper
43 100
58 52.5 26.1 78.3



#60
Dibromochloromethane
Concen: 19.344 ug/l
RT: 8.48 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VU027318.D
Acq: 01 Oct 2018 12:52

Tgt Ion: 129 Resp: 29931
Ion Ratio Lower Upper
129 100
127 77.5 39.1 117.2

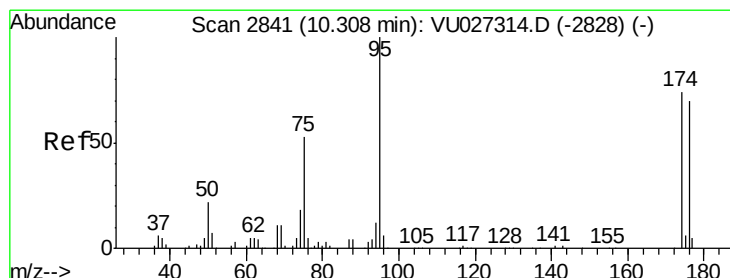
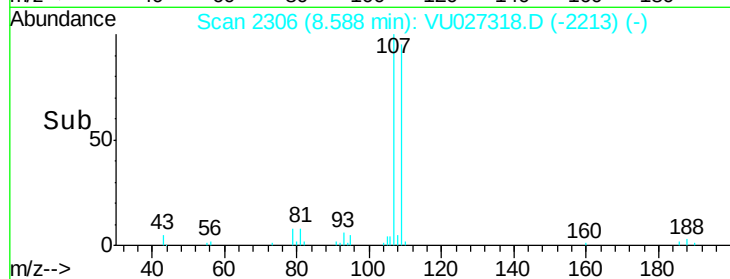
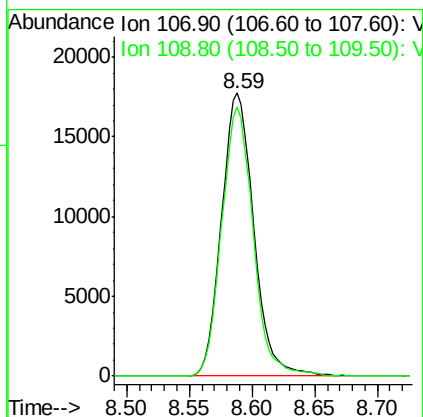
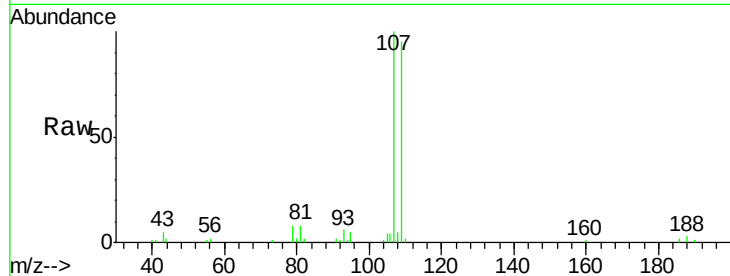




#61
 1,2-Dibromoethane
 Concen: 19.292 ug/l
 RT: 8.59 min Scan# 2306
 Delta R.T. 0.00 min
 Lab File: VU027318.D
 Acq: 01 Oct 2018 12:52

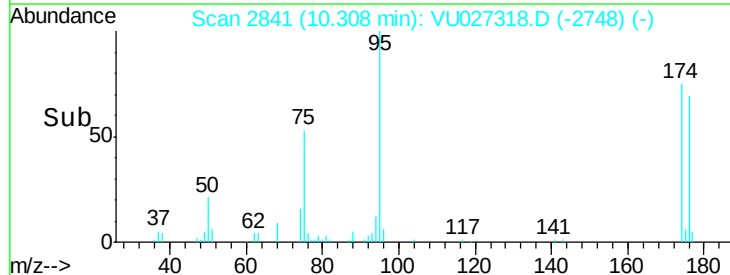
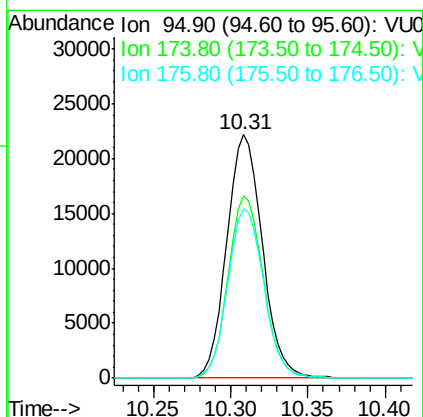
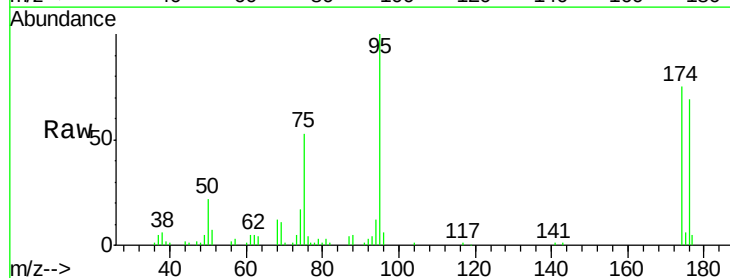
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

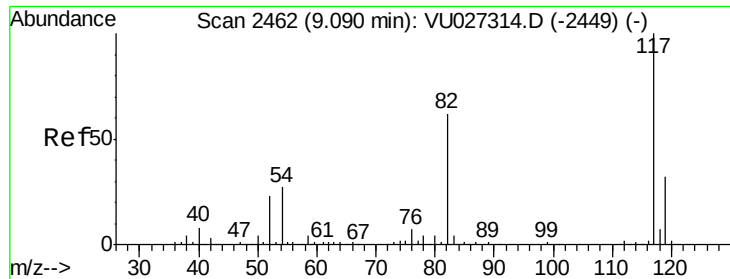
Tgt Ion: 107 Resp: 31644
 Ion Ratio Lower Upper
 107 100
 109 92.9 74.5 111.7



#62
 4-Bromofluorobenzene
 Concen: 18.151 ug/l
 RT: 10.31 min Scan# 2841
 Delta R.T. 0.00 min
 Lab File: VU027318.D
 Acq: 01 Oct 2018 12:52

Tgt Ion: 95 Resp: 35395
 Ion Ratio Lower Upper
 95 100
 174 73.6 0.0 147.8
 176 70.2 0.0 140.8

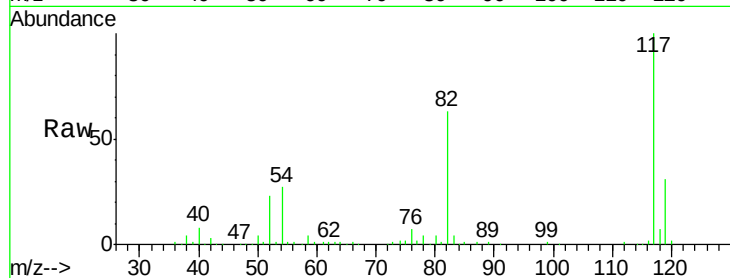




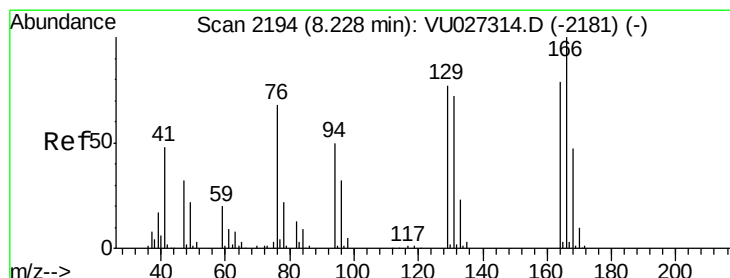
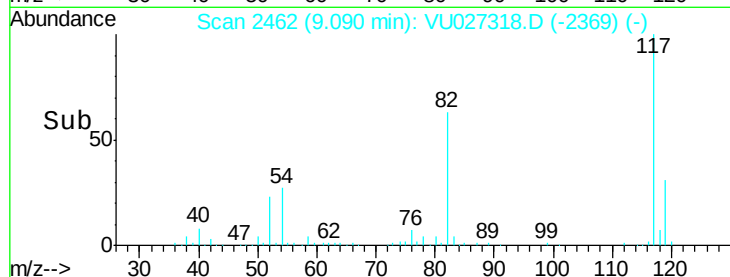
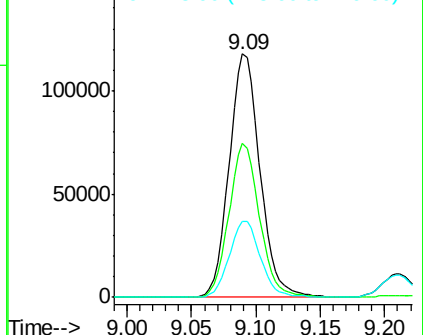
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. 0.00 min
Lab File: VU027318.D
Acq: 01 Oct 2018 12:52

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

Tgt Ion:117 Resp: 195579
Ion Ratio Lower Upper
117 100
82 63.0 49.2 73.8
119 31.5 25.7 38.5



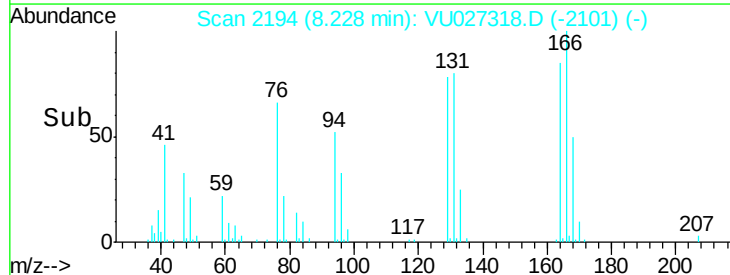
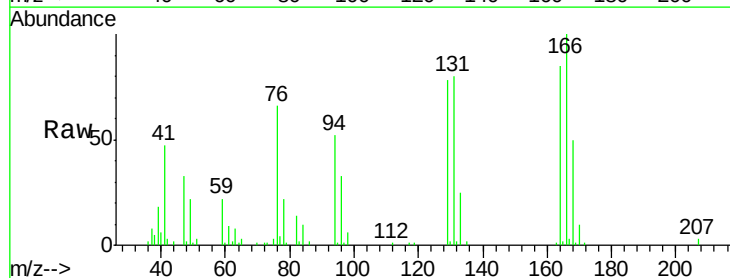
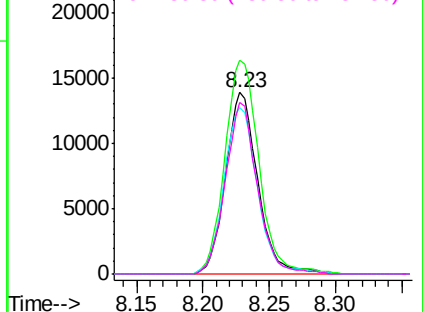
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

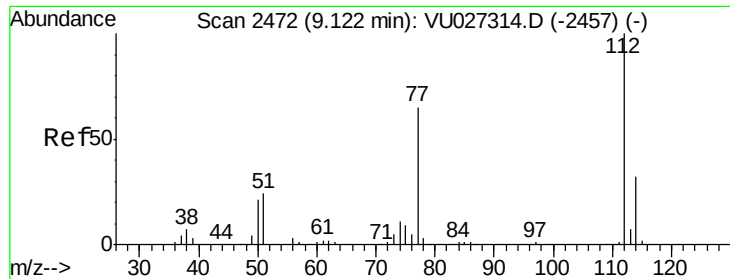


#64
Tetrachloroethene
Concen: 19.309 ug/l
RT: 8.23 min Scan# 2194
Delta R.T. 0.00 min
Lab File: VU027318.D
Acq: 01 Oct 2018 12:52

Tgt Ion:164 Resp: 23509
Ion Ratio Lower Upper
164 100
166 117.8 101.0 151.6
129 91.7 78.0 117.0
131 94.4 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

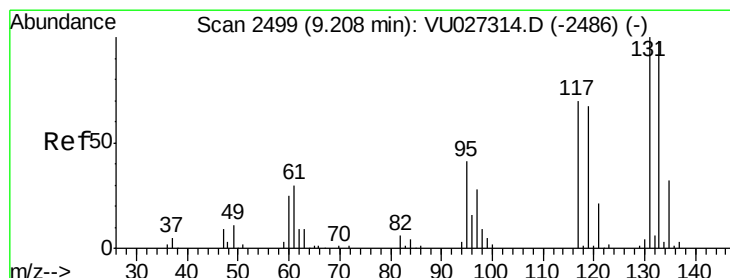
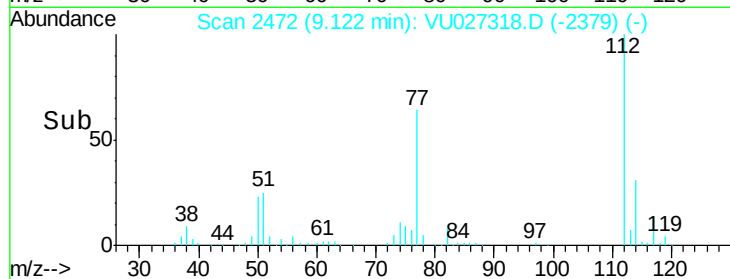
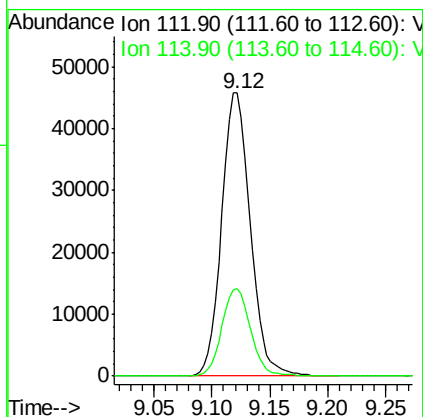
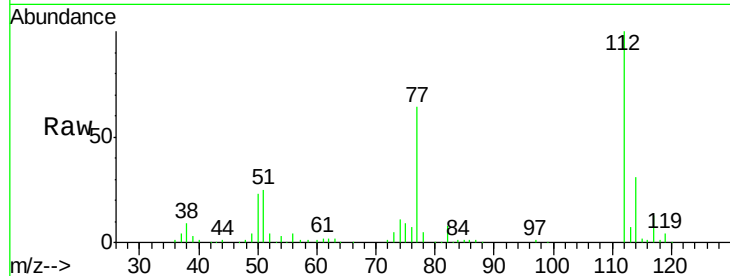




#65
Chlorobenzene
Concen: 19.074 ug/l
RT: 9.12 min Scan# 2472
Delta R.T. 0.00 min
Lab File: VU027318.D
Acq: 01 Oct 2018 12:52

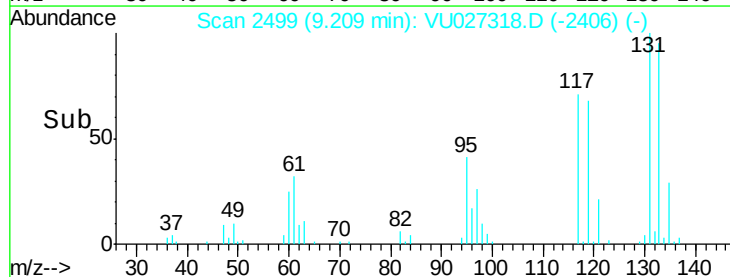
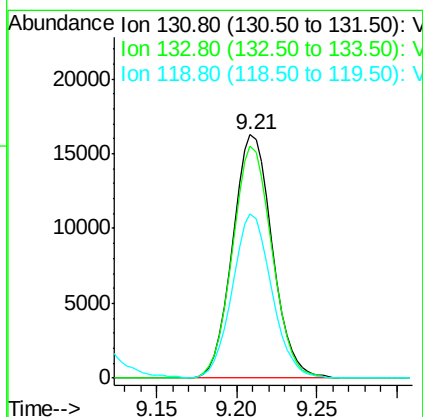
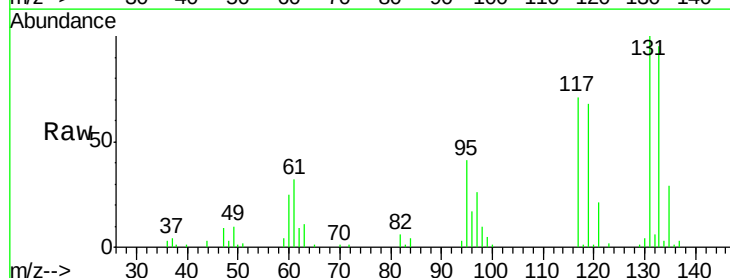
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

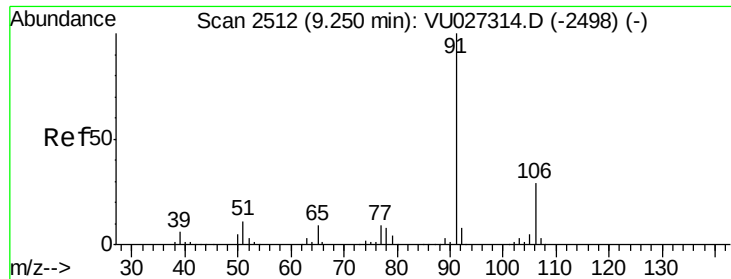
Tgt Ion:112 Resp: 78522
Ion Ratio Lower Upper
112 100
114 31.1 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 19.313 ug/l
RT: 9.21 min Scan# 2499
Delta R.T. 0.00 min
Lab File: VU027318.D
Acq: 01 Oct 2018 12:52

Tgt Ion:131 Resp: 27448
Ion Ratio Lower Upper
131 100
133 95.2 48.5 145.6
119 67.0 33.5 100.4

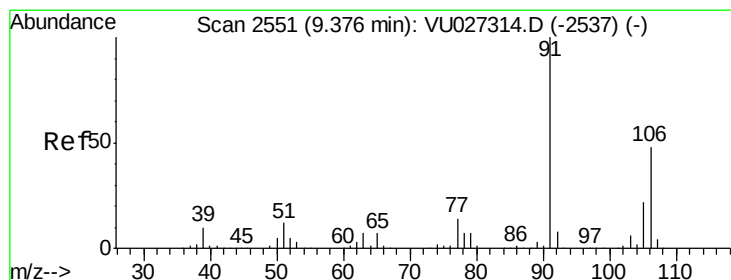
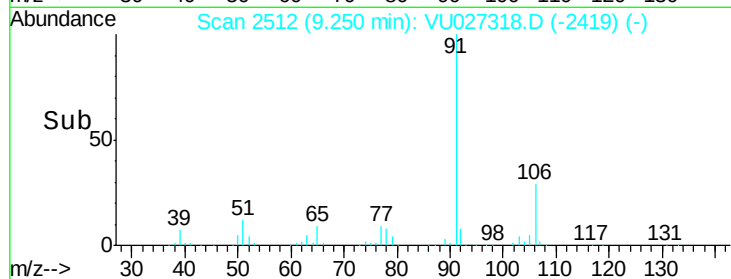
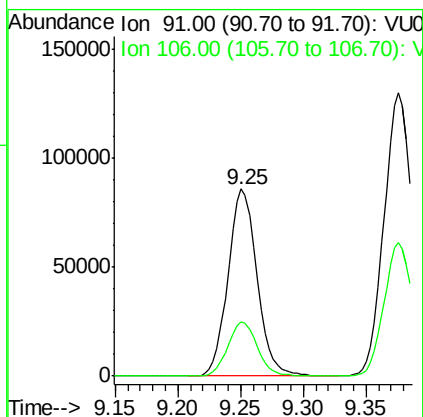
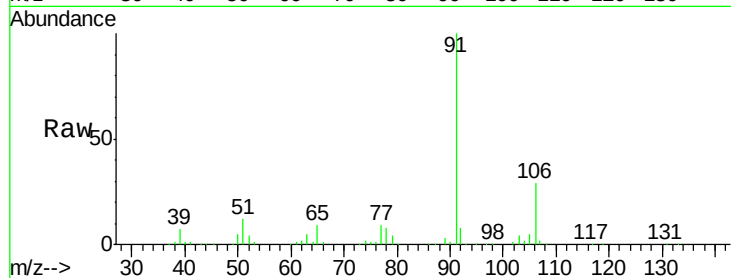




#67
Ethyl Benzene
 Concen: 18.931 ug/l
 RT: 9.25 min Scan# 2512
 Delta R.T. 0.00 min
 Lab File: VU027318.D
 Acq: 01 Oct 2018 12:52

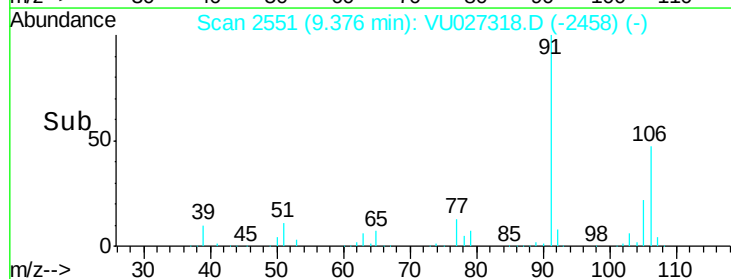
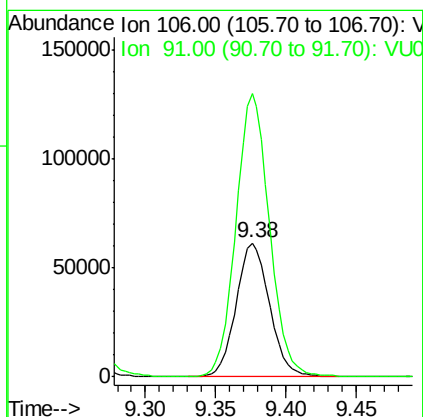
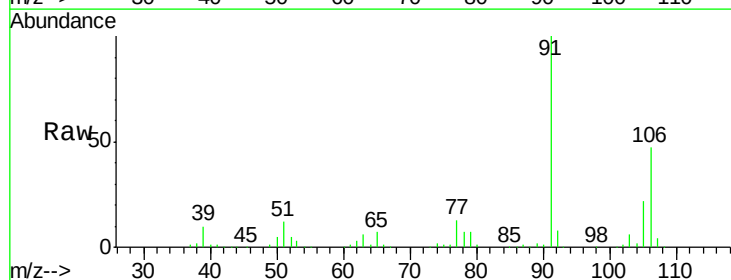
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

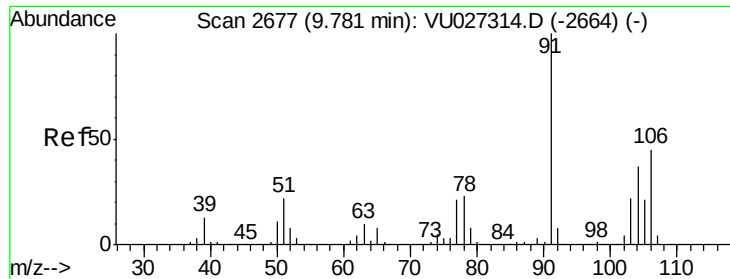
Tgt Ion: 91 Resp: 138077
 Ion Ratio Lower Upper
 91 100
 106 28.7 23.6 35.4



#68
m/p-Xylenes
 Concen: 38.281 ug/l
 RT: 9.38 min Scan# 2551
 Delta R.T. 0.00 min
 Lab File: VU027318.D
 Acq: 01 Oct 2018 12:52

Tgt Ion: 106 Resp: 102131
 Ion Ratio Lower Upper
 106 100
 91 211.3 168.1 252.1

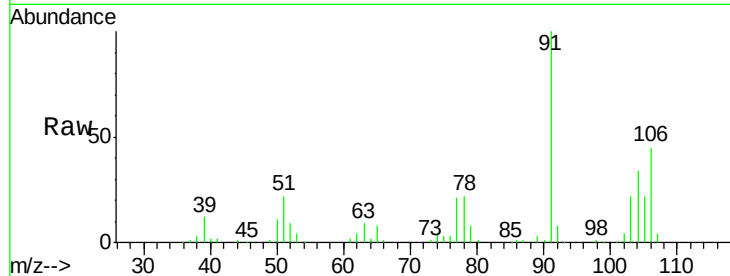




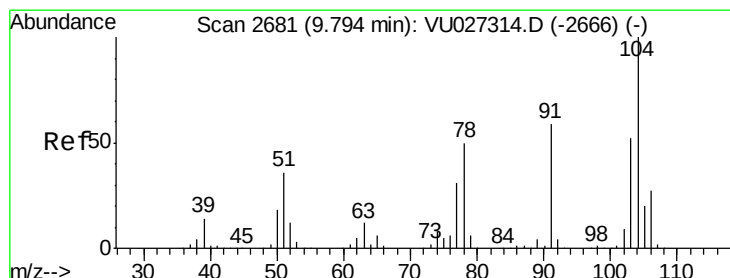
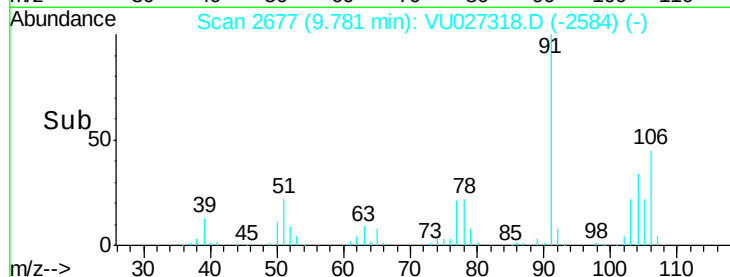
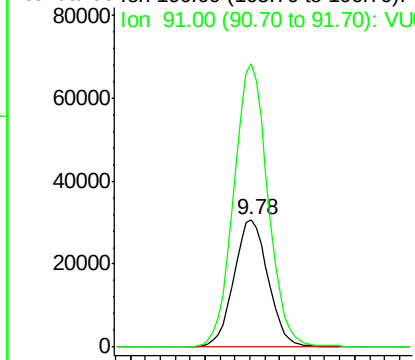
#69
o-Xylene
Concen: 19.289 ug/l
RT: 9.78 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VU027318.D
Acq: 01 Oct 2018 12:52

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

Tgt Ion:106 Resp: 48903
Ion Ratio Lower Upper
106 100
91 222.5 111.7 334.9

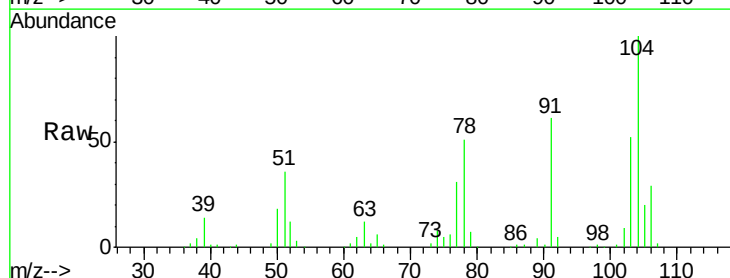


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

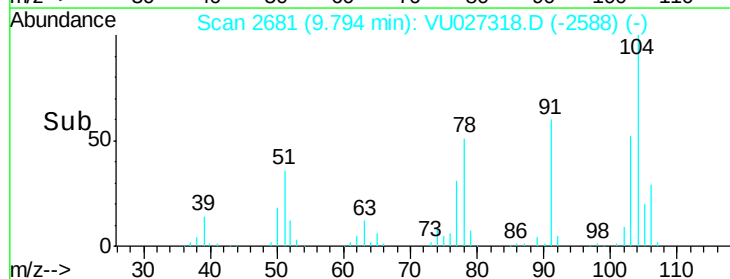
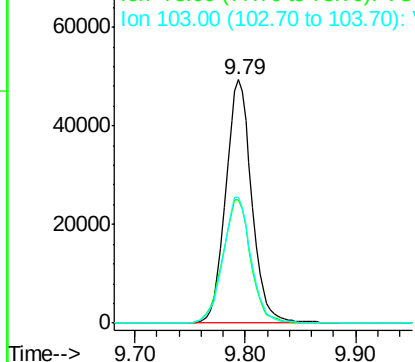


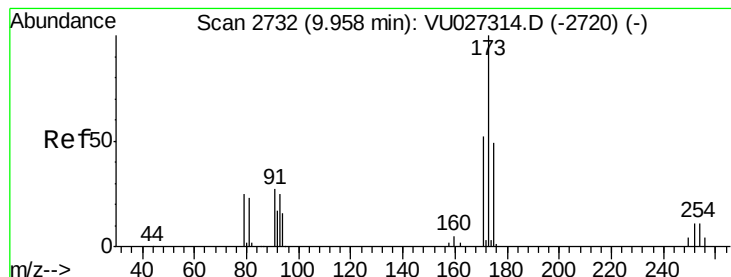
#70
Styrene
Concen: 19.415 ug/l
RT: 9.79 min Scan# 2681
Delta R.T. 0.00 min
Lab File: VU027318.D
Acq: 01 Oct 2018 12:52

Tgt Ion:104 Resp: 80831
Ion Ratio Lower Upper
104 100
78 54.5 42.9 64.3
103 55.0 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: 18.700 ug/l

RT: 9.96 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VU027318.D

Acq: 01 Oct 2018 12:52

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC020

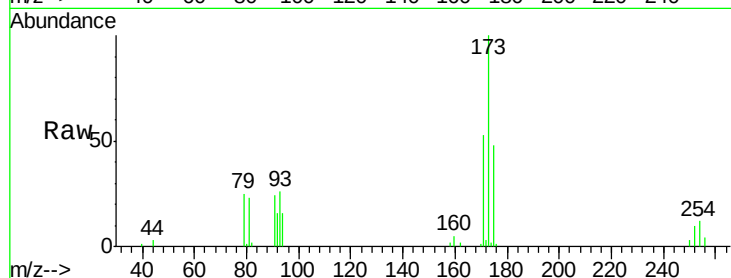
Tgt Ion:173 Resp: 21382

Ion Ratio Lower Upper

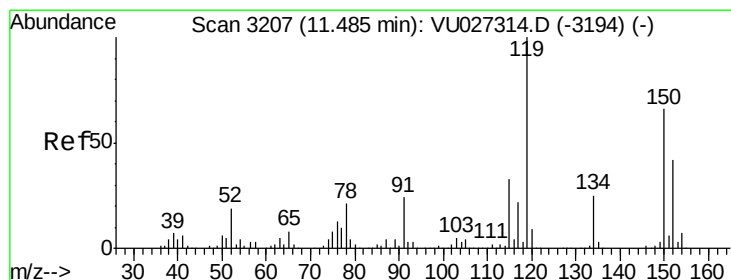
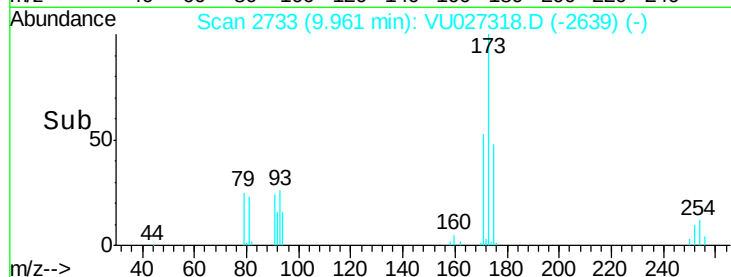
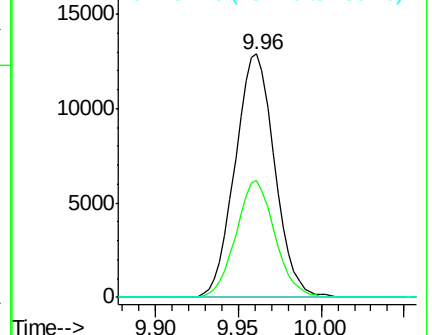
173 100

175 47.1 24.3 73.0

254 0.0 0.0 0.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.49 min Scan# 3207

Delta R.T. 0.00 min

Lab File: VU027318.D

Acq: 01 Oct 2018 12:52

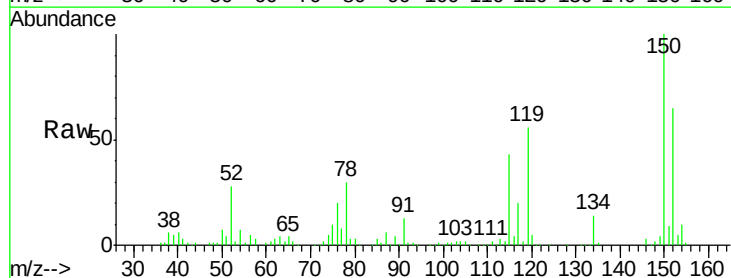
Tgt Ion:152 Resp: 93499

Ion Ratio Lower Upper

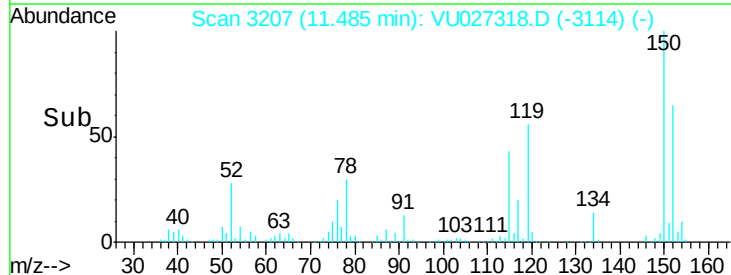
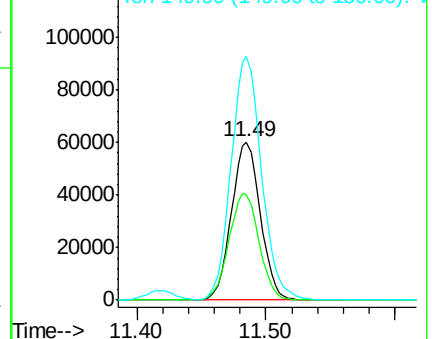
152 100

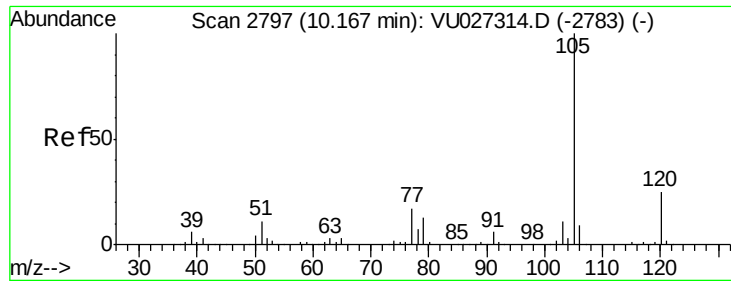
115 70.1 43.4 130.2

150 162.4 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: 19.761 ug/l

RT: 10.17 min Scan# 2797

Delta R.T. 0.00 min

Lab File: VU027318.D

Acq: 01 Oct 2018 12:52

Instrument :

MSVOA_U

ClientSampleId :

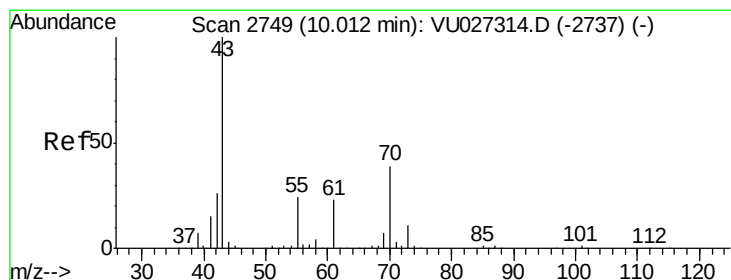
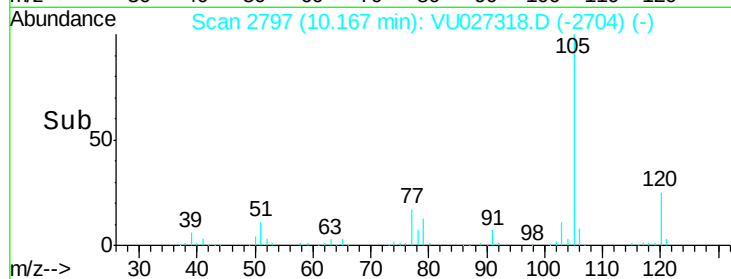
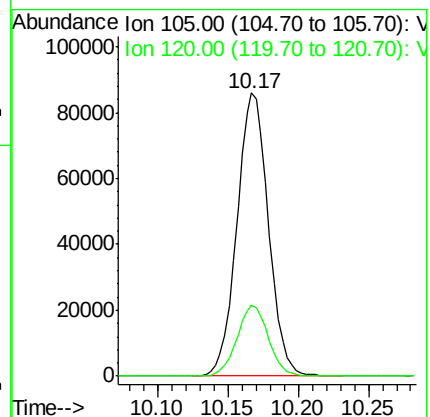
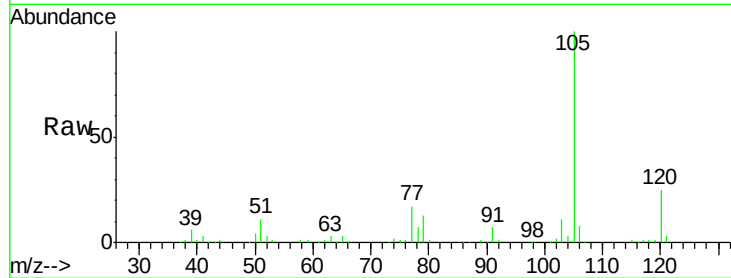
VSTDIC020

Tgt Ion: 105 Resp: 134194

Ion Ratio Lower Upper

105 100

120 25.0 12.6 37.8



#74

N-ethyl acetate

Concen: 19.110 ug/l

RT: 10.01 min Scan# 2749

Delta R.T. 0.00 min

Lab File: VU027318.D

Acq: 01 Oct 2018 12:52

Tgt Ion: 43 Resp: 74291

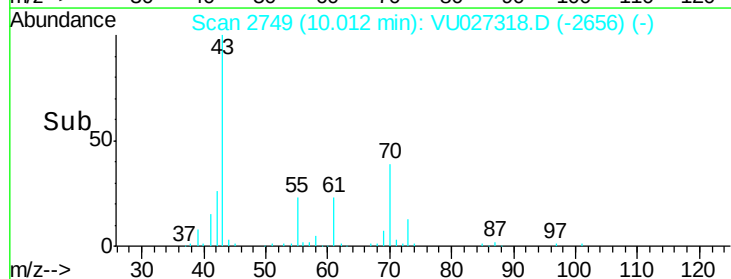
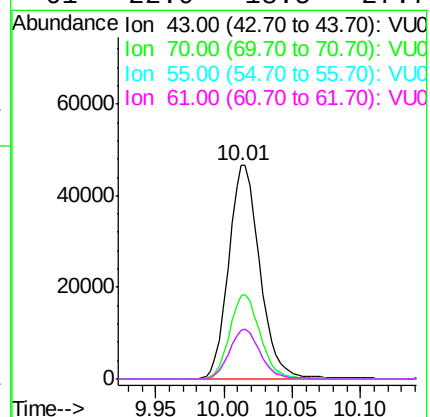
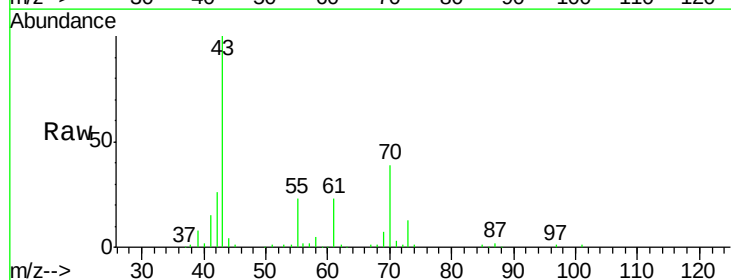
Ion Ratio Lower Upper

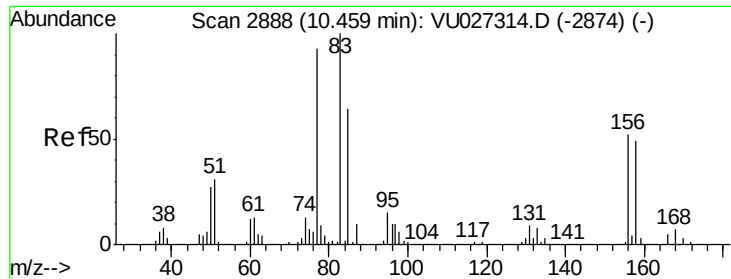
43 100

70 38.8 31.3 46.9

55 23.3 19.0 28.6

61 22.9 18.5 27.7





#75

1,1,2,2-Tetrachloroethane

Concen: 19.362 ug/l

RT: 10.46 min Scan# 2888

Delta R.T. 0.00 min

Lab File: VU027318.D

Acq: 01 Oct 2018 12:52

Instrument :

MSVOA_U

ClientSampled :

VSTDIC020

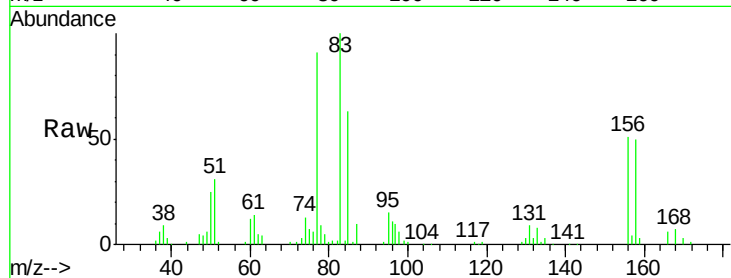
Tgt Ion: 83 Resp: 51627

Ion Ratio Lower Upper

83 100

131 8.7 4.4 13.2

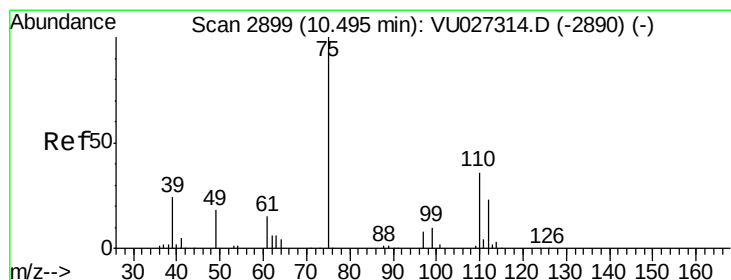
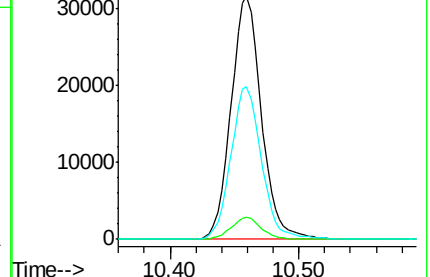
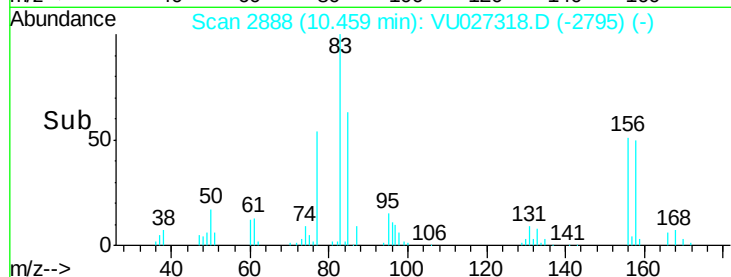
85 63.2 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VU0

Ion 130.80 (130.50 to 131.50): VU0

Ion 84.90 (84.60 to 85.60): VU0



#76

1,2,3-Trichloropropane

Concen: 23.379 ug/l

RT: 10.49 min Scan# 2899

Delta R.T. 0.00 min

Lab File: VU027318.D

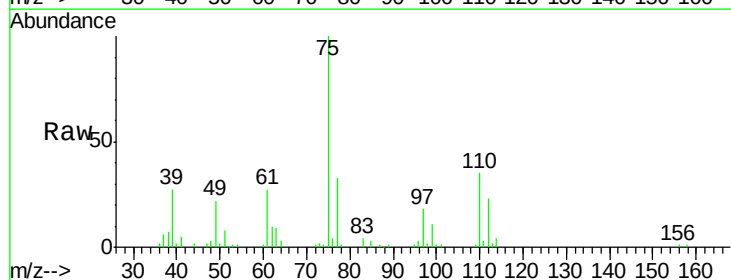
Acq: 01 Oct 2018 12:52

Tgt Ion: 75 Resp: 60939

Ion Ratio Lower Upper

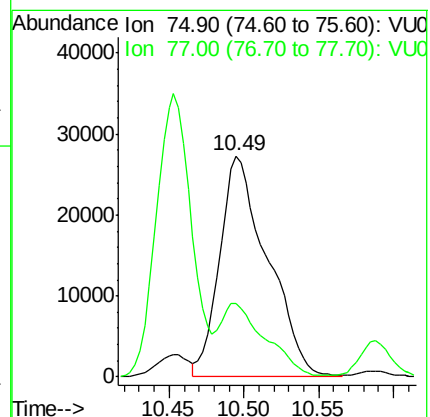
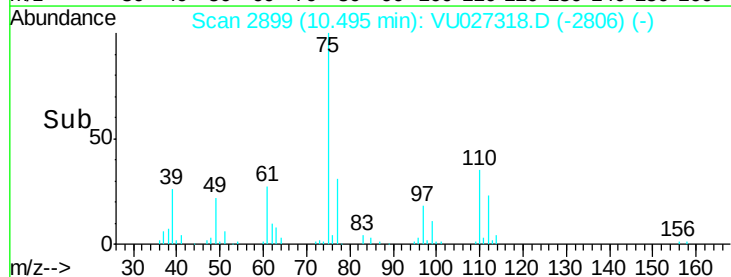
75 100

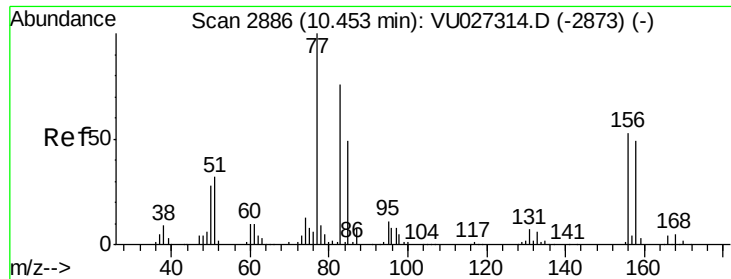
77 31.6 20.3 60.9



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 77.00 (76.70 to 77.70): VU0





#77

Bromobenzene

Concen: 19.111 ug/l

RT: 10.45 min Scan# 2886

Delta R.T. 0.00 min

Lab File: VU027318.D

Acq: 01 Oct 2018 12:52

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC020

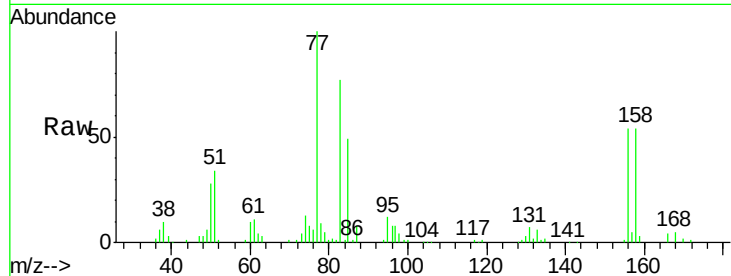
Tgt Ion:156 Resp: 30160

Ion Ratio Lower Upper

156 100

77 189.7 94.8 284.4

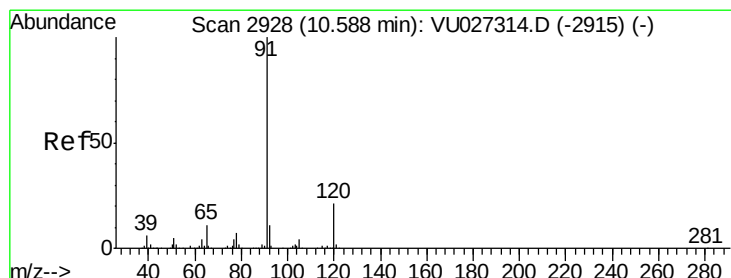
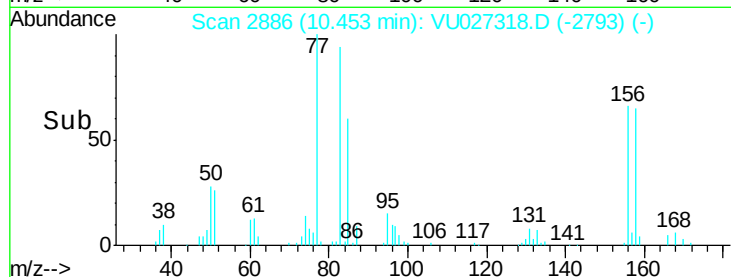
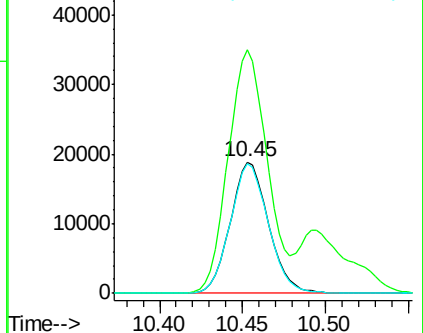
158 98.5 47.4 142.3



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: 19.461 ug/l

RT: 10.59 min Scan# 2928

Delta R.T. 0.00 min

Lab File: VU027318.D

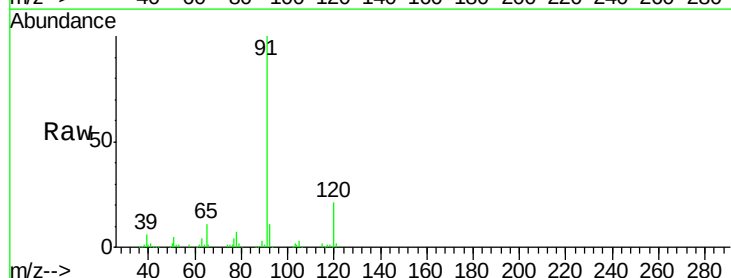
Acq: 01 Oct 2018 12:52

Tgt Ion: 91 Resp: 158797

Ion Ratio Lower Upper

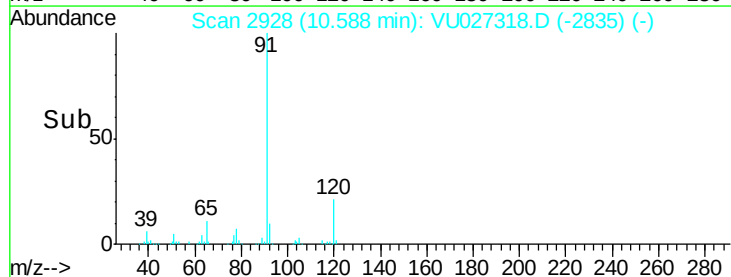
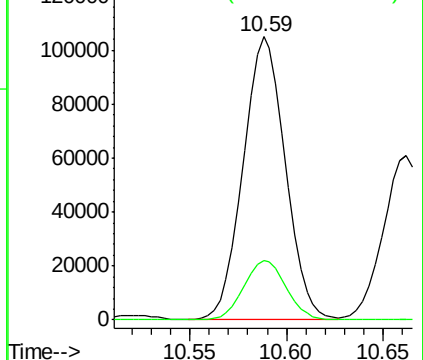
91 100

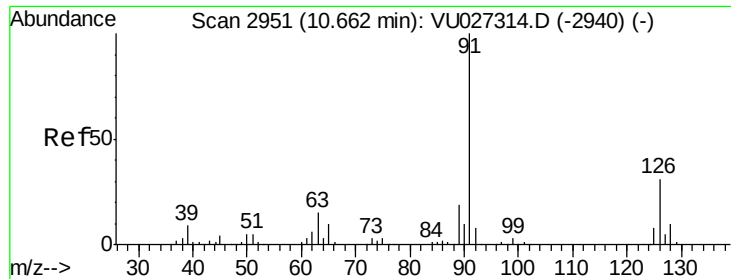
120 21.2 10.6 31.8



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.506 ug/l

RT: 10.66 min Scan# 2951

Delta R.T. 0.00 min

Lab File: VU027318.D

Acq: 01 Oct 2018 12:52

Instrument :

MSVOA_U

ClientSampleId :

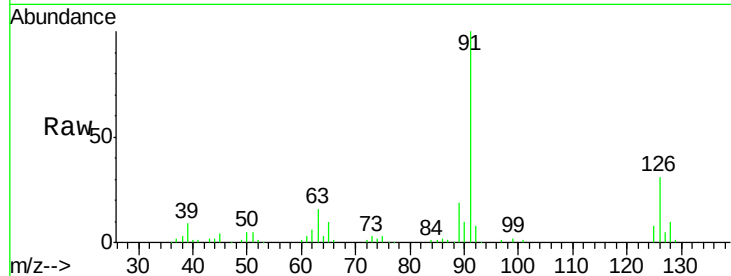
VSTDIC020

Tgt Ion: 91 Resp: 96105

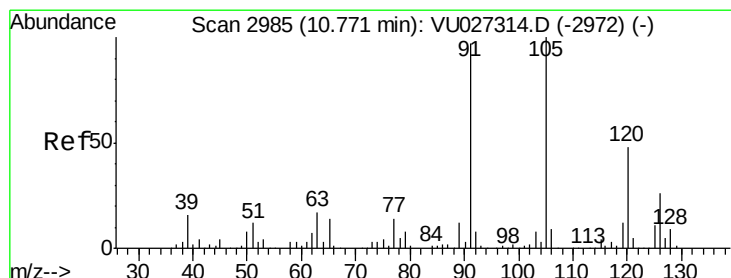
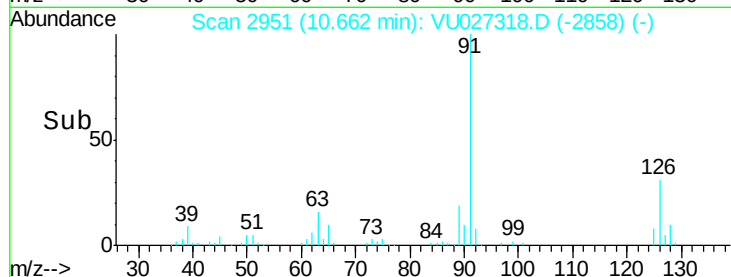
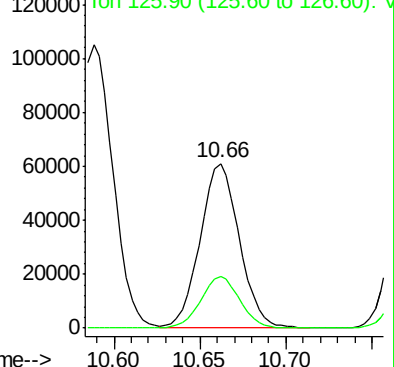
Ion Ratio Lower Upper

91 100

126 31.5 15.7 47.1



Abundance Ion 91.00 (90.70 to 91.70): VU027318.D (-2858) (-)



#80

1,3,5-Trimethylbenzene

Concen: 19.863 ug/l

RT: 10.77 min Scan# 2985

Delta R.T. 0.00 min

Lab File: VU027318.D

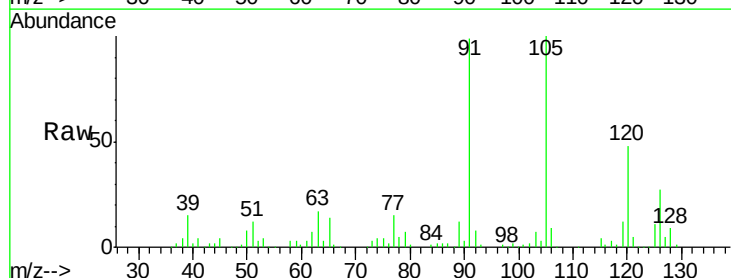
Acq: 01 Oct 2018 12:52

Tgt Ion: 105 Resp: 109814

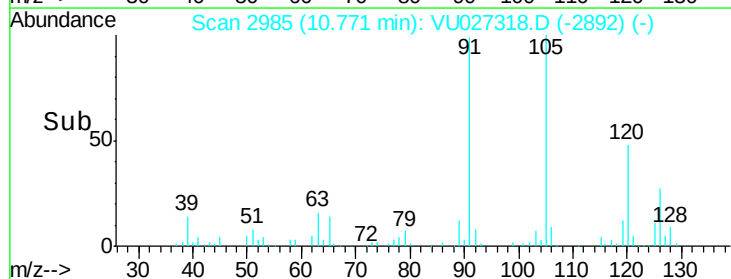
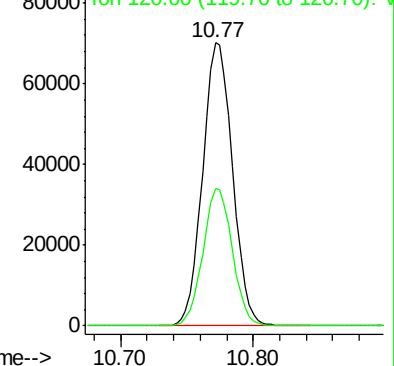
Ion Ratio Lower Upper

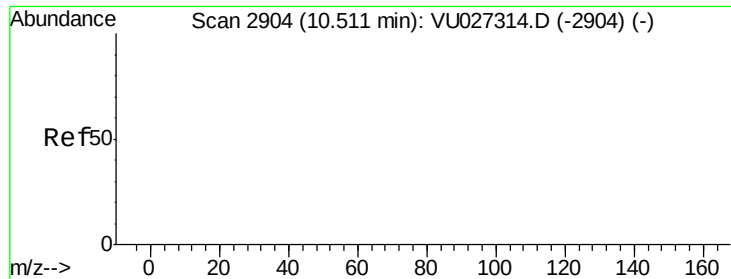
105 100

120 47.7 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): VU027318.D (-2892) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 60.251 ug/l

RT: 10.49 min Scan# 2899

Delta R.T. -0.02 min

Lab File: VU027318.D

Acq: 01 Oct 2018 12:52

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC020

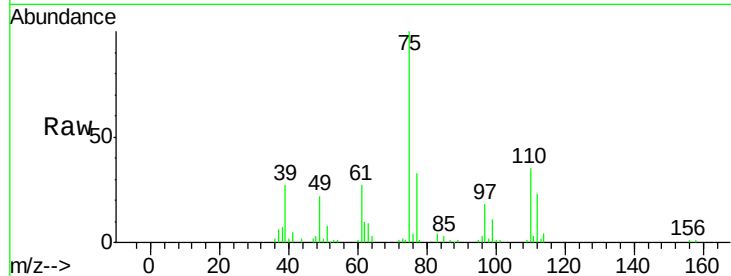
Tgt Ion: 75 Resp: 60939

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

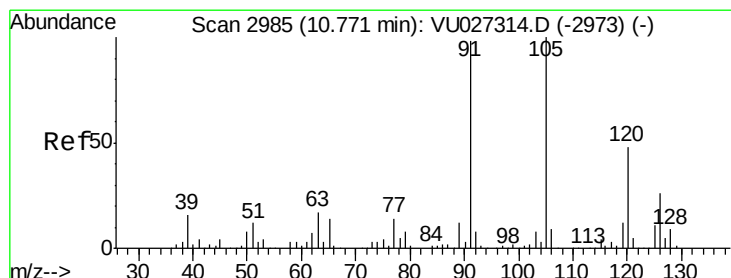
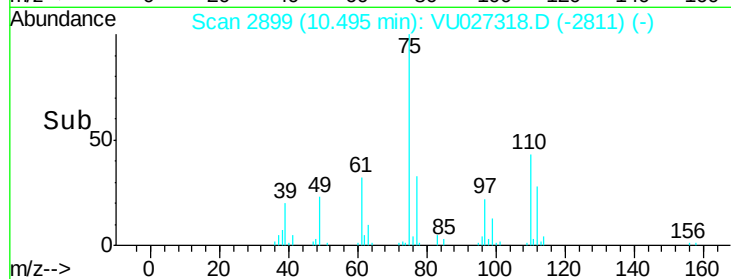
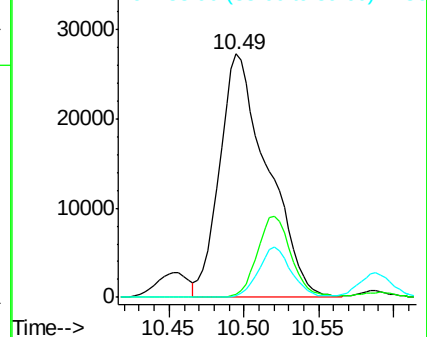
89 0.0 0.0 0.0



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: 19.454 ug/l

RT: 10.77 min Scan# 2986

Delta R.T. 0.00 min

Lab File: VU027318.D

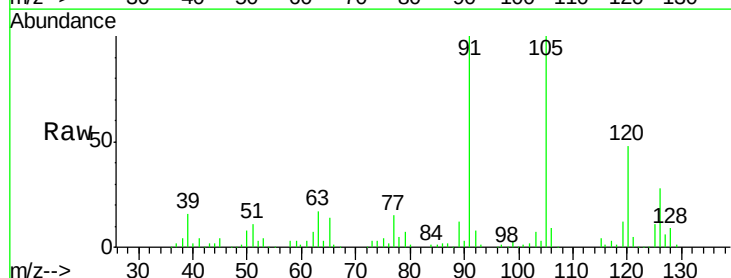
Acq: 01 Oct 2018 12:52

Tgt Ion: 91 Resp: 108768

Ion Ratio Lower Upper

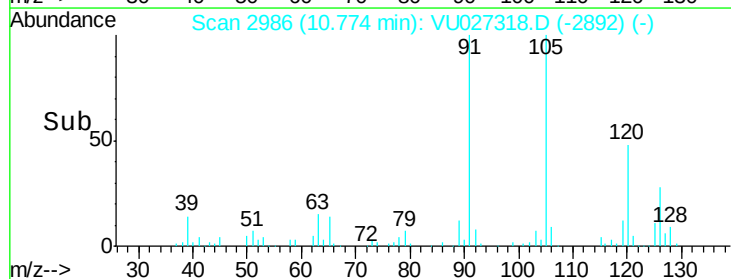
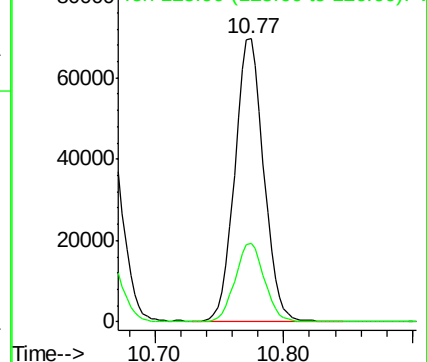
91 100

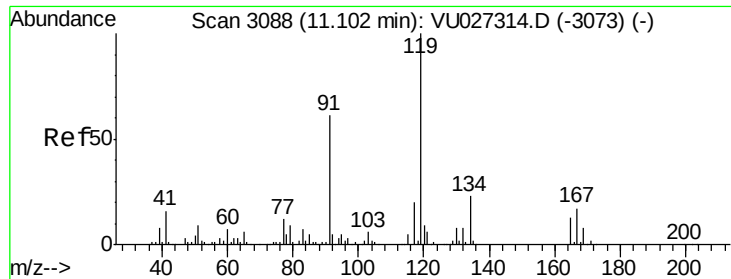
126 28.1 13.6 40.8



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 125.90 (125.60 to 126.60): V

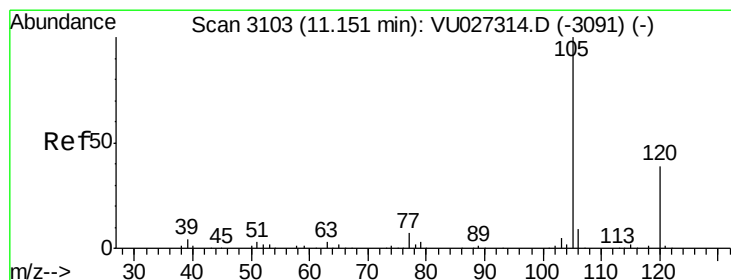
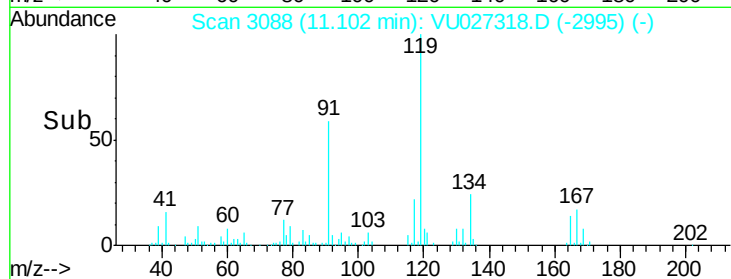
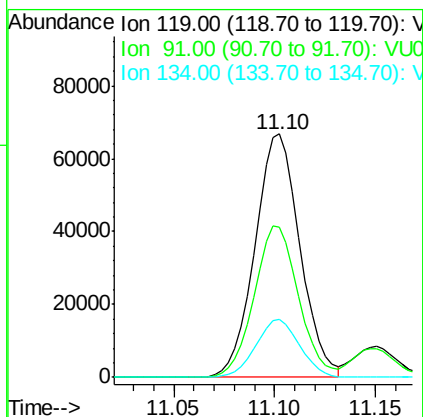
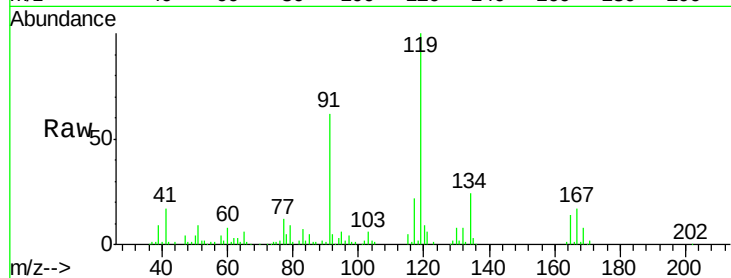




#83
 tert-Butylbenzene
 Concen: 19.463 ug/l
 RT: 11.10 min Scan# 3088
 Delta R.T. 0.00 min
 Lab File: VU027318.D
 Acq: 01 Oct 2018 12:52

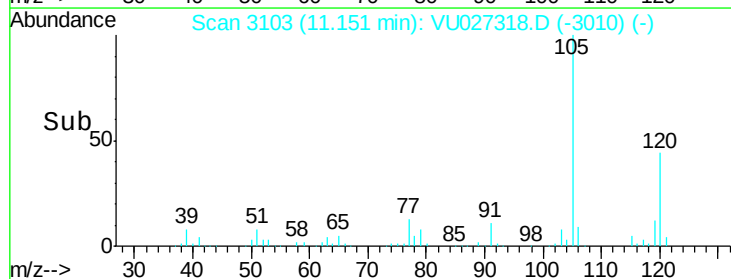
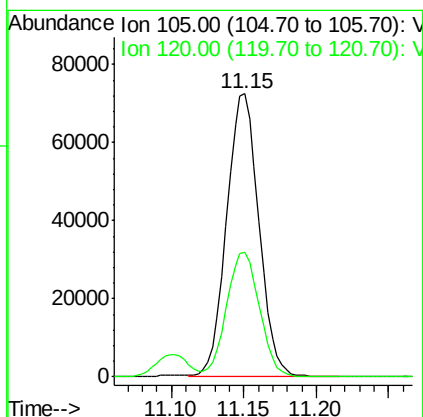
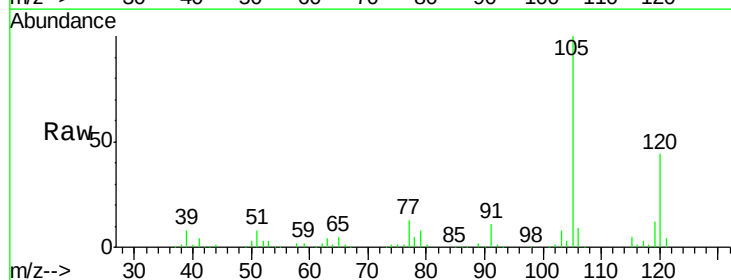
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

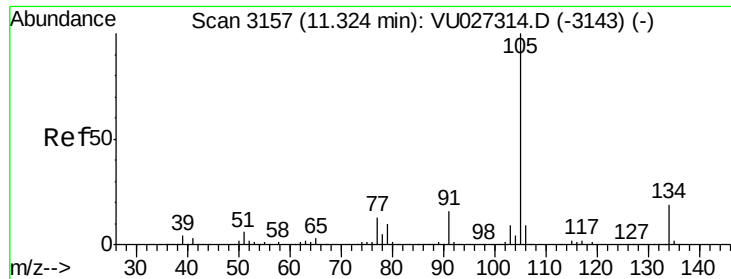
Tgt Ion:119 Resp: 104026
 Ion Ratio Lower Upper
 119 100
 91 61.7 30.3 91.0
 134 23.2 11.5 34.4



#84
 1,2,4-Trimethylbenzene
 Concen: 19.728 ug/l
 RT: 11.15 min Scan# 3103
 Delta R.T. 0.00 min
 Lab File: VU027318.D
 Acq: 01 Oct 2018 12:52

Tgt Ion:105 Resp: 111413
 Ion Ratio Lower Upper
 105 100
 120 45.1 22.1 66.5

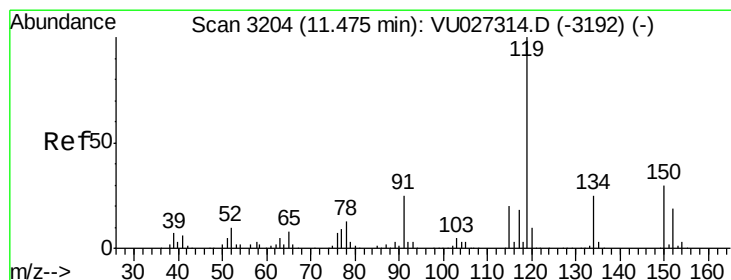
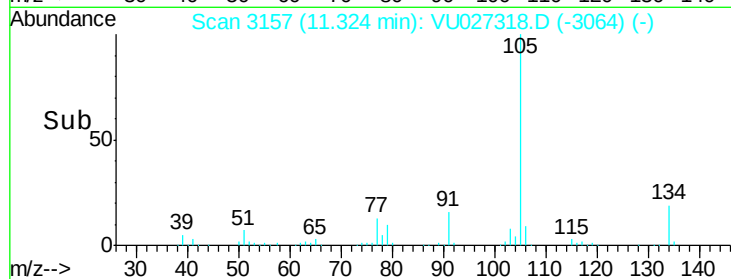
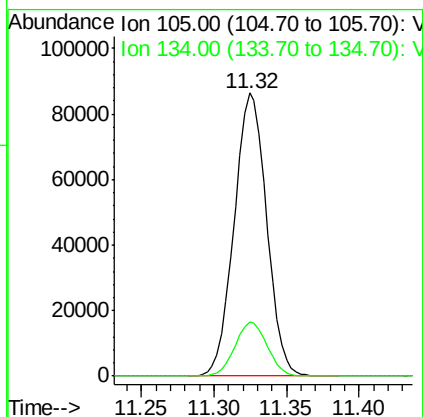
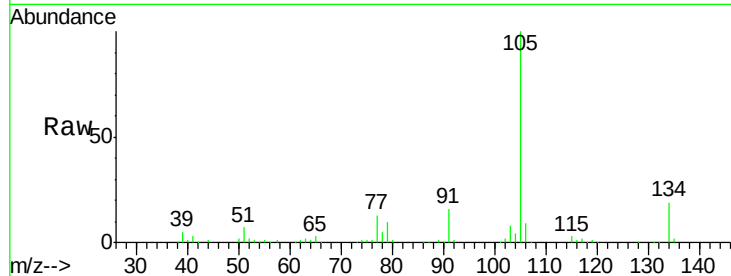




#85
 sec-Butylbenzene
 Concen: 19.893 ug/l
 RT: 11.32 min Scan# 3157
 Delta R.T. 0.00 min
 Lab File: VU027318.D
 Acq: 01 Oct 2018 12:52

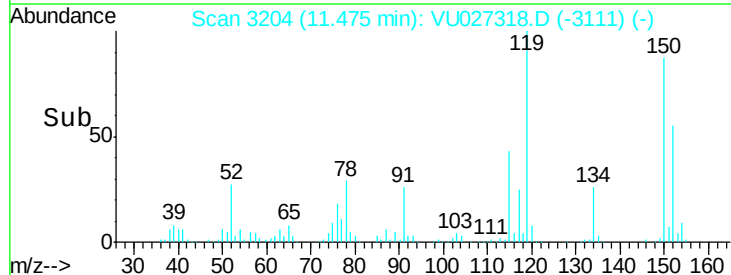
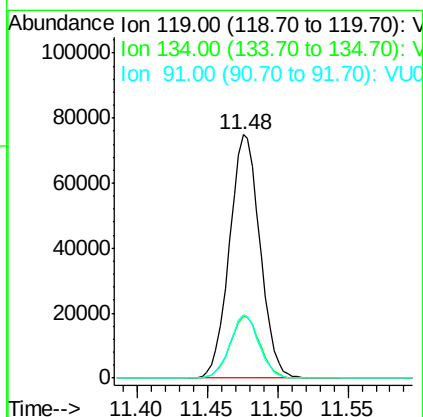
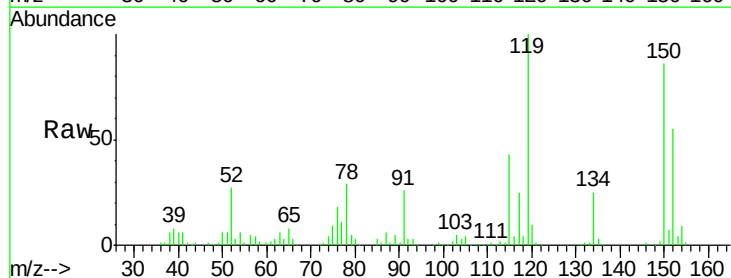
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

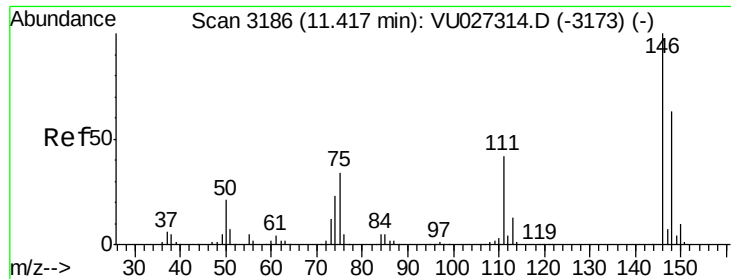
Tgt Ion:105 Resp: 133961
 Ion Ratio Lower Upper
 105 100
 134 18.8 9.6 28.6



#86
 p-Isopropyltoluene
 Concen: 19.630 ug/l
 RT: 11.48 min Scan# 3204
 Delta R.T. 0.00 min
 Lab File: VU027318.D
 Acq: 01 Oct 2018 12:52

Tgt Ion:119 Resp: 113183
 Ion Ratio Lower Upper
 119 100
 134 25.1 12.7 38.1
 91 25.1 12.2 36.4

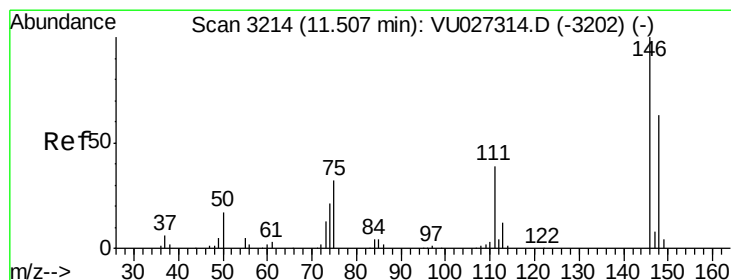
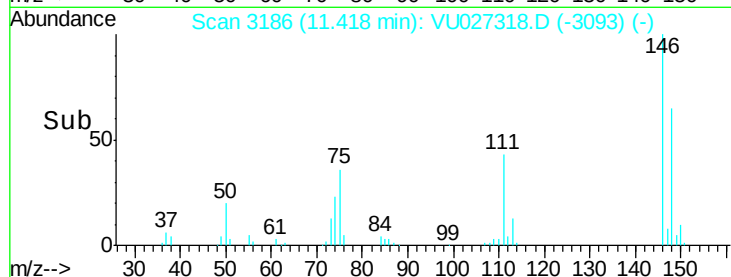
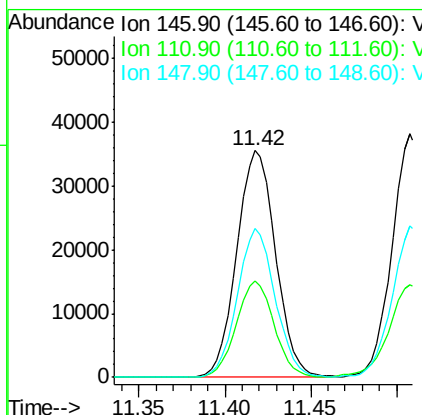
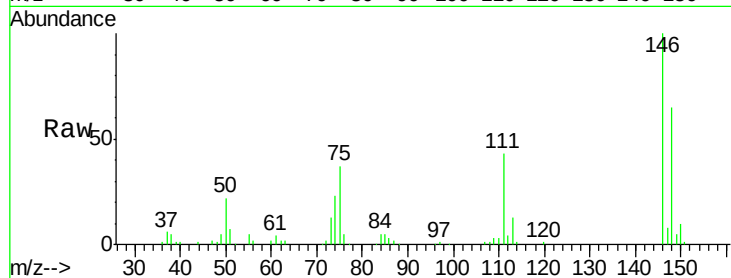




#87
 1,3-Dichlorobenzene
 Concen: 18.755 ug/l
 RT: 11.42 min Scan# 3186
 Delta R.T. 0.00 min
 Lab File: VU027318.D
 Acq: 01 Oct 2018 12:52

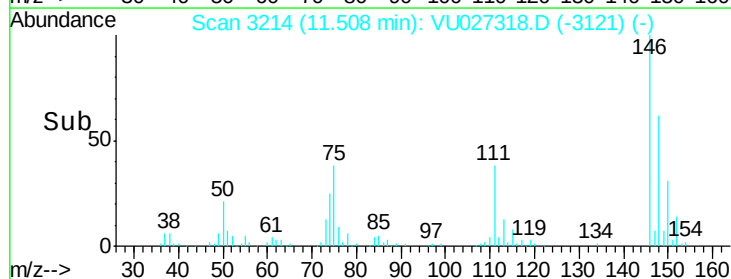
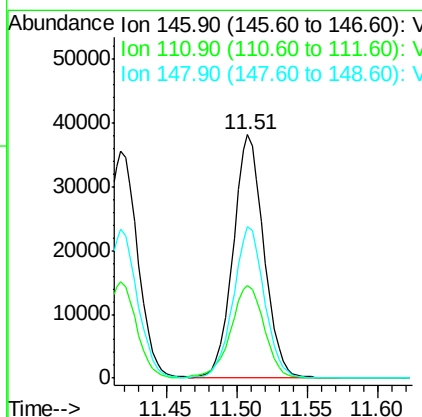
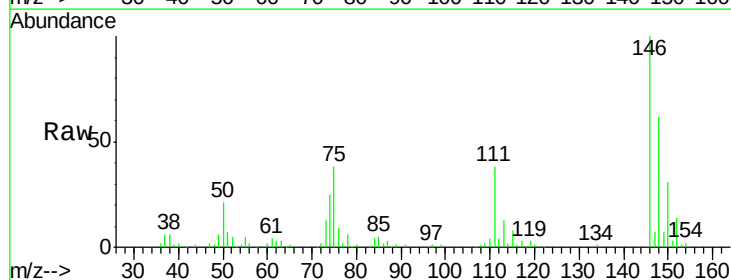
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

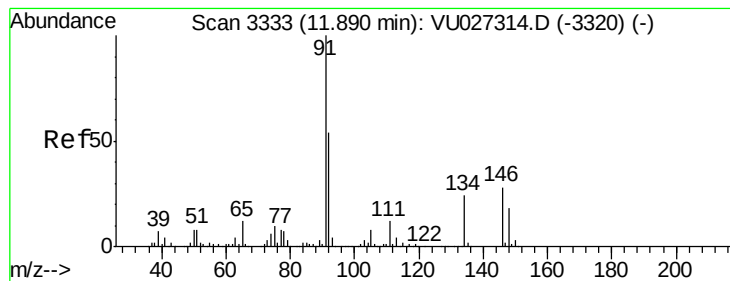
Tgt Ion:146 Resp: 56048
 Ion Ratio Lower Upper
 146 100
 111 41.2 20.8 62.5
 148 64.0 31.6 94.8



#88
 1,4-Dichlorobenzene
 Concen: 19.057 ug/l
 RT: 11.51 min Scan# 3214
 Delta R.T. 0.00 min
 Lab File: VU027318.D
 Acq: 01 Oct 2018 12:52

Tgt Ion:146 Resp: 58196
 Ion Ratio Lower Upper
 146 100
 111 41.7 20.4 61.2
 148 63.1 31.9 95.5





#89

n-Butylbenzene

Concen: 19.041 ug/l

RT: 11.89 min Scan# 3333

Delta R.T. 0.00 min

Lab File: VU027318.D

Acq: 01 Oct 2018 12:52

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC020

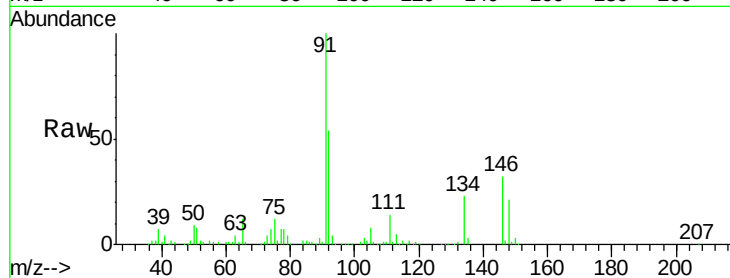
Tgt Ion: 91 Resp: 102406

Ion Ratio Lower Upper

91 100

92 53.5 27.0 81.0

134 22.8 11.7 35.1

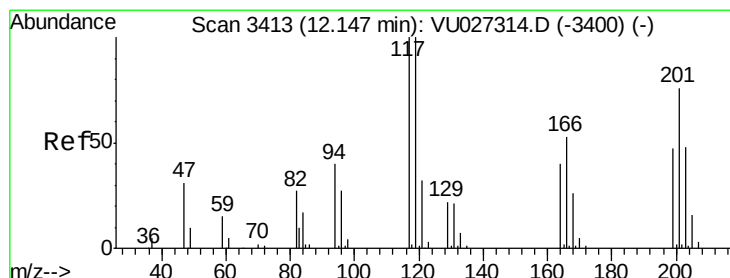
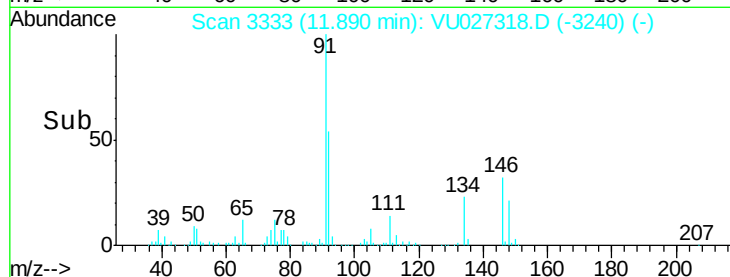


Abundance Ion 91.00 (90.70 to 91.70): VU027318.D (-3320) (-)

Ion 92.00 (91.70 to 92.70): VU027318.D (-3320) (-)

Ion 134.00 (133.70 to 134.70): VU027318.D (-3320) (-)

Time-->



#90

Hexachloroethane

Concen: 18.685 ug/l

RT: 12.15 min Scan# 3413

Delta R.T. 0.00 min

Lab File: VU027318.D

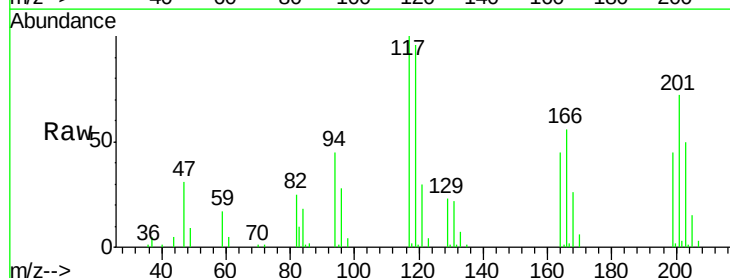
Acq: 01 Oct 2018 12:52

Tgt Ion: 117 Resp: 20308

Ion Ratio Lower Upper

117 100

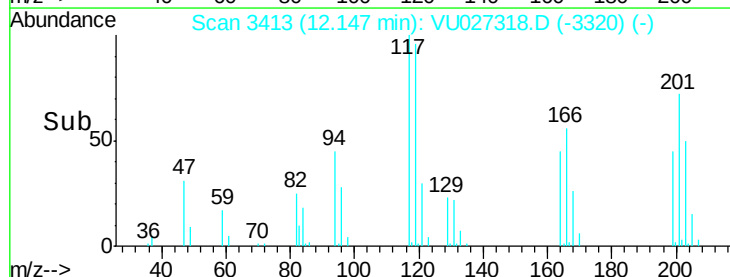
201 72.8 37.9 113.6

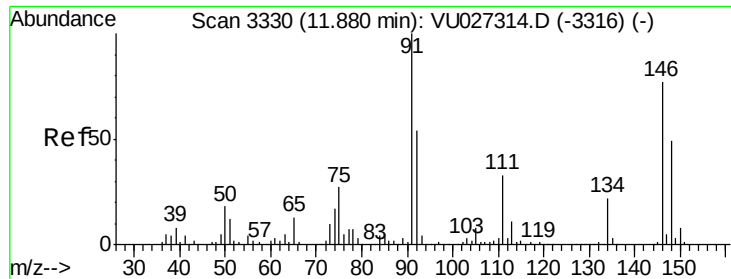


Abundance Ion 116.80 (116.50 to 117.50): VU027318.D (-3400) (-)

Ion 200.70 (200.40 to 201.40): VU027318.D (-3400) (-)

Time-->

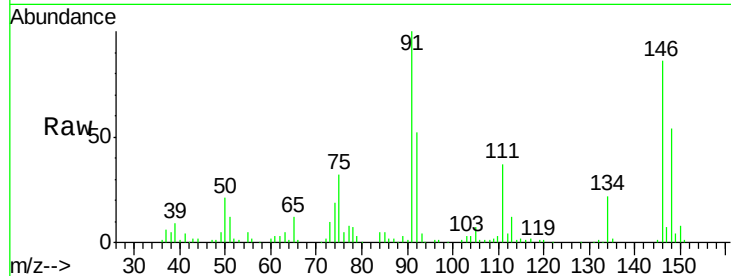




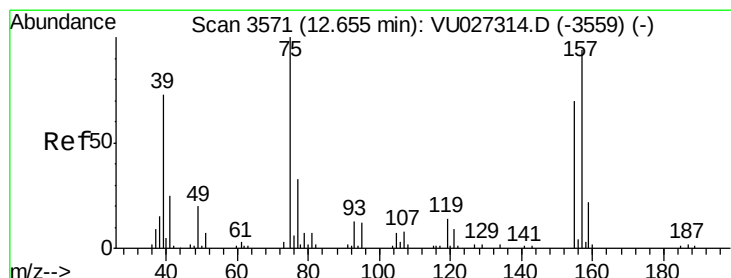
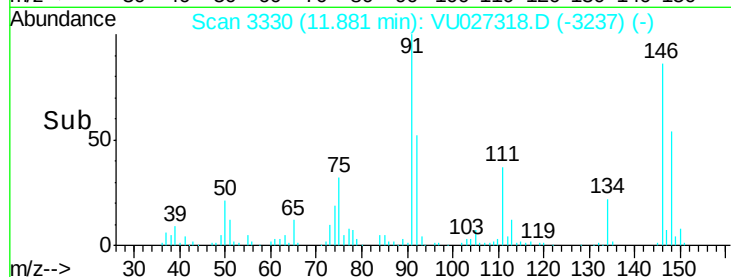
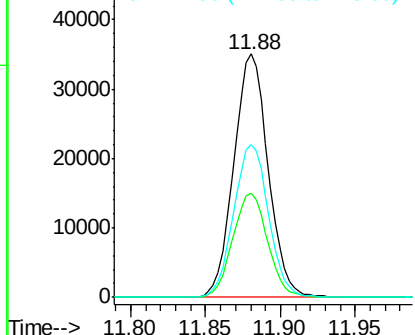
#91
 1,2-Dichlorobenzene
 Concen: 19.275 ug/l
 RT: 11.88 min Scan# 3330
 Delta R.T. 0.00 min
 Lab File: VU027318.D
 Acq: 01 Oct 2018 12:52

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

Tgt Ion: 146 Resp: 56067
 Ion Ratio Lower Upper
 146 100
 111 43.4 21.8 65.4
 148 63.8 31.9 95.5

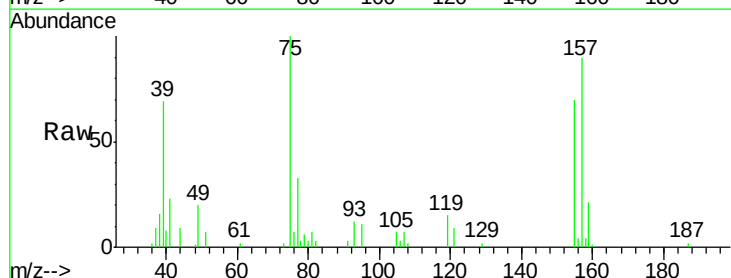


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

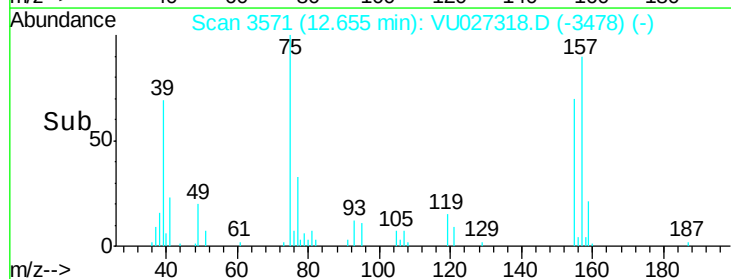
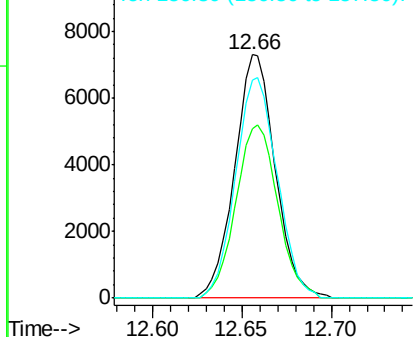


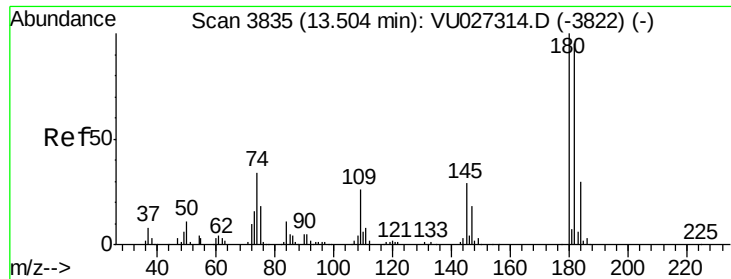
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.645 ug/l
 RT: 12.66 min Scan# 3571
 Delta R.T. 0.00 min
 Lab File: VU027318.D
 Acq: 01 Oct 2018 12:52

Tgt Ion: 75 Resp: 11609
 Ion Ratio Lower Upper
 75 100
 155 73.5 35.9 107.8
 157 92.7 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

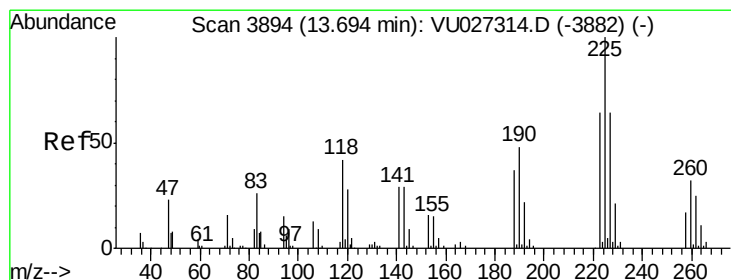
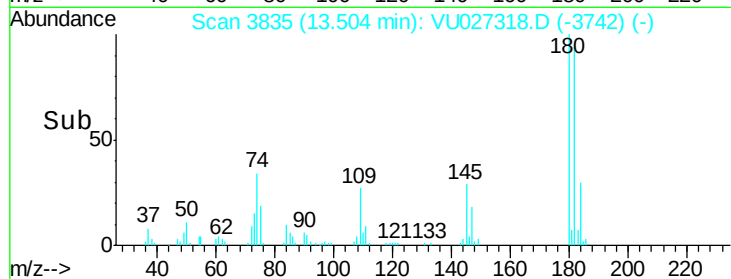
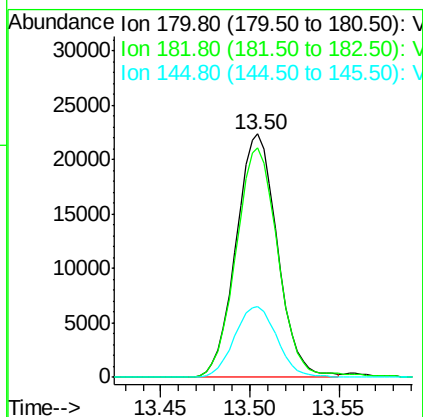
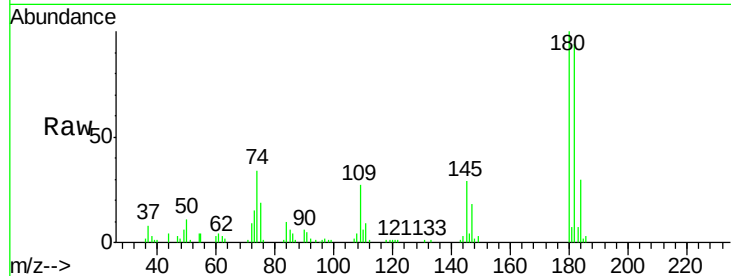




#93
 1,2,4-Trichlorobenzene
 Concen: 19.083 ug/l
 RT: 13.50 min Scan# 3835
 Delta R.T. 0.00 min
 Lab File: VU027318.D
 Acq: 01 Oct 2018 12:52

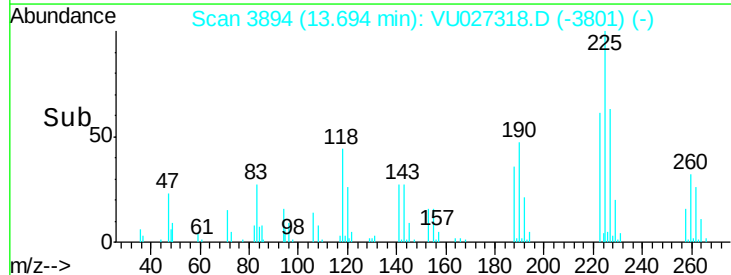
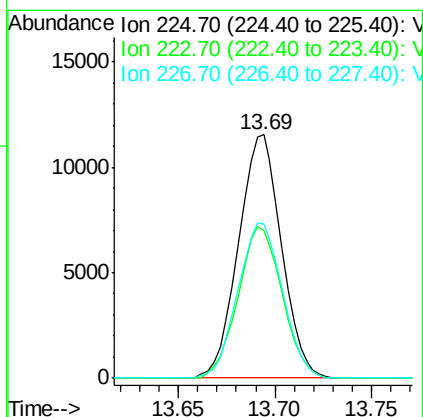
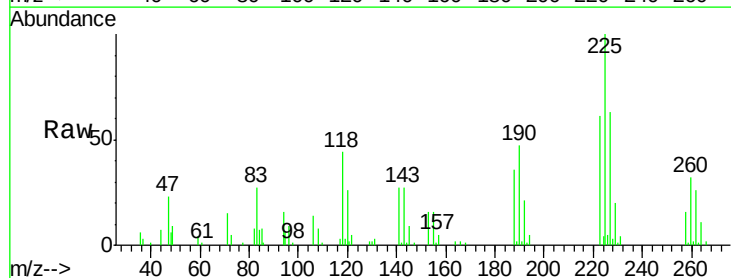
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

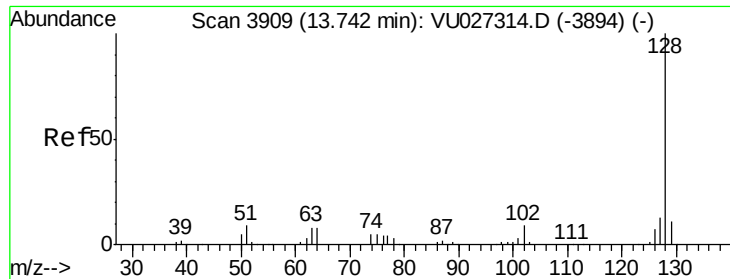
Tgt Ion:180 Resp: 35917
 Ion Ratio Lower Upper
 180 100
 182 96.4 47.4 142.3
 145 29.9 14.6 44.0



#94
 Hexachlorobutadiene
 Concen: 18.712 ug/l
 RT: 13.69 min Scan# 3894
 Delta R.T. 0.00 min
 Lab File: VU027318.D
 Acq: 01 Oct 2018 12:52

Tgt Ion:225 Resp: 17794
 Ion Ratio Lower Upper
 225 100
 223 63.6 31.8 95.3
 227 66.2 31.9 95.7

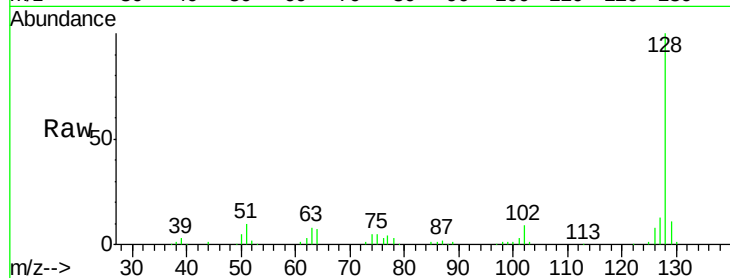




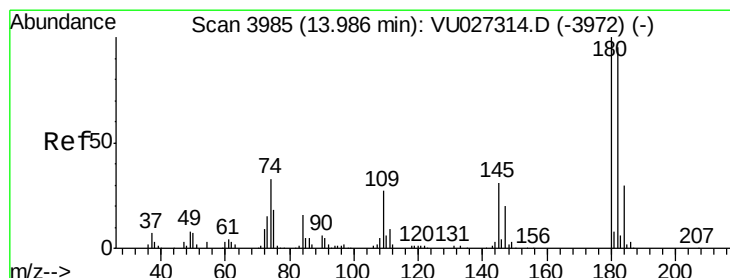
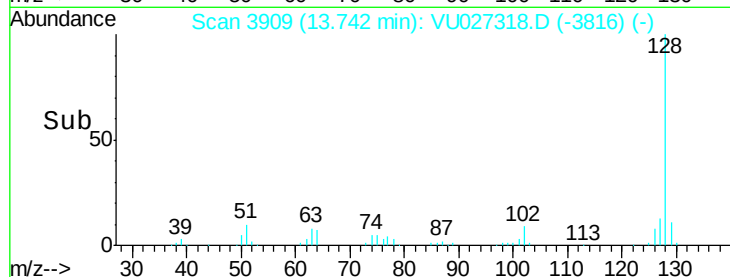
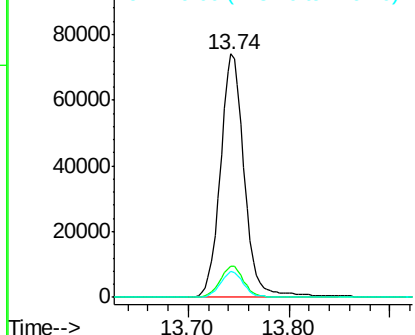
#95
Naphthalene
Concen: 19.447 ug/l
RT: 13.74 min Scan# 3909
Delta R.T. 0.00 min
Lab File: VU027318.D
Acq: 01 Oct 2018 12:52

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

Tgt Ion:128 Resp: 122718
Ion Ratio Lower Upper
128 100
127 12.7 10.5 15.7
129 10.4 8.6 12.8

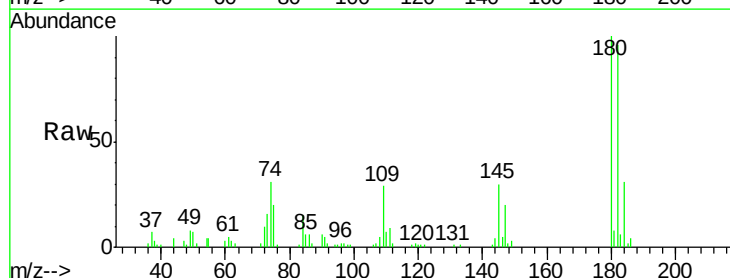


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 19.162 ug/l
RT: 13.99 min Scan# 3986
Delta R.T. 0.00 min
Lab File: VU027318.D
Acq: 01 Oct 2018 12:52

Tgt Ion:180 Resp: 37575
Ion Ratio Lower Upper
180 100
182 95.8 47.4 142.2
145 30.8 15.9 47.7



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

