

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\U112818\
 Data File : VU028354.D
 Acq On : 28 Nov 2018 09:59
 Operator : MD/SY
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

Quant Time: Nov 29 00:33:15 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U112818W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 29 00:29:32 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	217232	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	381167	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	350472	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	155567	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	69478	19.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	38.28%	
35) Dibromofluoromethane	4.88	113	49818	19.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	39.32%	
50) Toluene-d8	7.56	98	196174	19.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	38.70%	
62) 4-Bromofluorobenzene	10.30	95	67028	18.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	36.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	56058	19.237	ug/l	97
3) Chloromethane	1.33	50	104652	18.527	ug/l	98
4) Vinyl Chloride	1.40	62	73855	18.688	ug/l	99
5) Bromomethane	1.61	94	25045	16.385	ug/l	99
6) Chloroethane	1.69	64	43024	18.919	ug/l	97
7) Trichlorofluoromethane	1.88	101	78229	19.057	ug/l	99
8) Diethyl Ether	2.10	74	35696	18.705	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.28	101	44186	18.477	ug/l	97
10) Methyl Iodide	2.41	142	42654	18.915	ug/l	100
11) Tert butyl alcohol	2.83	59	77356	93.790	ug/l	100
12) 1,1-Dichloroethene	2.28	96	43630	18.800	ug/l	97
13) Acrolein	2.19	56	71271	97.199	ug/l	100
14) Allyl chloride	2.59	41	114847	18.941	ug/l	100
15) Acrylonitrile	2.94	53	211438	96.914	ug/l	100
16) Acetone	2.32	43	216164	97.333	ug/l	99
17) Carbon Disulfide	2.48	76	161978	18.184	ug/l	99
18) Methyl Acetate	2.61	43	115451	18.671	ug/l	100
19) Methyl tert-butyl Ether	3.00	73	179058	18.820	ug/l	98
20) Methylene Chloride	2.70	84	60633	17.647	ug/l	99
21) trans-1,2-Dichloroethene	2.98	96	50216	18.658	ug/l	97
22) Diisopropyl ether	3.57	45	229450	19.232	ug/l	96
23) Vinyl Acetate	3.52	43	956459	96.393	ug/l	99
24) 1,1-Dichloroethane	3.44	63	114811	19.507	ug/l	98
25) 2-Butanone	4.26	43	306013	96.144	ug/l	100
26) 2,2-Dichloropropane	4.22	77	88709	18.979	ug/l	99
27) cis-1,2-Dichloroethene	4.22	96	58651	18.426	ug/l	98
28) Bromochloromethane	4.55	49	58347	19.827	ug/l	99
29) Tetrahydrofuran	4.64	42	203739	98.591	ug/l	100
30) Chloroform	4.67	83	101669	18.715	ug/l	98
31) Cyclohexane	4.99	56	116169	16.629	ug/l	97
32) 1,1,1-Trichloroethane	4.91	97	83672	19.195	ug/l	99
36) 1,1-Dichloropropene	5.14	75	76073	18.238	ug/l	99
37) Ethyl Acetate	4.38	43	115577	20.333	ug/l	100
38) Carbon Tetrachloride	5.13	117	65216	19.040	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.41	83	92351	18.779	ug/l	99
40) Benzene	5.39	78	242923	19.664	ug/l	99
41) Methacrylonitrile	4.54	41	62700	19.863	ug/l	97
42) 1,2-Dichloroethane	5.40	62	84374	18.959	ug/l	98
43) Isopropyl Acetate	5.55	43	174842	19.411	ug/l	98
44) Trichloroethene	6.19	130	49658	18.753	ug/l	99
45) 1,2-Dichloropropane	6.43	63	71964	19.892	ug/l	93
46) Dibromomethane	6.56	93	40774	19.622	ug/l	97
47) Bromodichloromethane	6.76	83	78710	19.043	ug/l	96
48) Methyl methacrylate	6.62	41	87848	18.723	ug/l	99
49) 1,4-Dioxane	6.61	88	28745	383.492	ug/l	97
51) 4-Methyl-2-Pentanone	7.46	43	554158	96.326	ug/l	100
52) Toluene	7.64	92	137687	19.355	ug/l	99
53) t-1,3-Dichloropropene	7.88	75	94002	19.020	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	97678	18.448	ug/l	99
55) 1,1,2-Trichloroethane	8.06	97	56254	19.000	ug/l	98
56) Ethyl methacrylate	8.02	69	94336	18.729	ug/l	97
57) 1,3-Dichloropropane	8.24	76	103228	19.013	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.12	63	264077	97.655	ug/l	100
59) 2-Hexanone	8.36	43	428016	96.049	ug/l	100
60) Dibromochloromethane	8.48	129	54286	19.279	ug/l	98
61) 1,2-Dibromoethane	8.58	107	59022	19.464	ug/l	98
64) Tetrachloroethene	8.22	164	43628	18.924	ug/l	97
65) Chlorobenzene	9.12	112	140406	19.294	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.21	131	47470	19.030	ug/l	99
67) Ethyl Benzene	9.25	91	259589	18.939	ug/l	99
68) m/p-Xylenes	9.37	106	182114	36.915	ug/l	96
69) o-Xylene	9.78	106	92380	18.837	ug/l	99
70) Styrene	9.79	104	149237	18.868	ug/l	99
71) Bromoform	9.96	173	39479	18.829	ug/l #	98
73) Isopropylbenzene	10.16	105	242863	20.073	ug/l	100
74) N-amyl acetate	10.01	43	150431	19.844	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	99108	19.919	ug/l	99
76) 1,2,3-Trichloropropane	10.49	75	120389	28.265	ug/l	78
77) Bromobenzene	10.45	156	56394	19.781	ug/l	98
78) n-propylbenzene	10.58	91	296828	19.887	ug/l	100
79) 2-Chlorotoluene	10.66	91	179992	20.456	ug/l	99
80) 1,3,5-Trimethylbenzene	10.77	105	203032	19.913	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.49	75	120389	58.104	ug/l #	100
82) 4-Chlorotoluene	10.77	91	200800	19.807	ug/l	98
83) tert-Butylbenzene	11.10	119	190278	20.019	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	206777	20.022	ug/l	99
85) sec-Butylbenzene	11.32	105	245809	19.911	ug/l	100
86) p-Isopropyltoluene	11.48	119	199600	19.663	ug/l	99
87) 1,3-Dichlorobenzene	11.41	146	99227	19.083	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	99441	19.002	ug/l	97
89) n-Butylbenzene	11.89	91	187129	18.679	ug/l	99
90) Hexachloroethane	12.14	117	31626	19.956	ug/l	98
91) 1,2-Dichlorobenzene	11.88	146	99964	19.269	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.66	75	22296	20.146	ug/l	97

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Quant Title : SW846 8260
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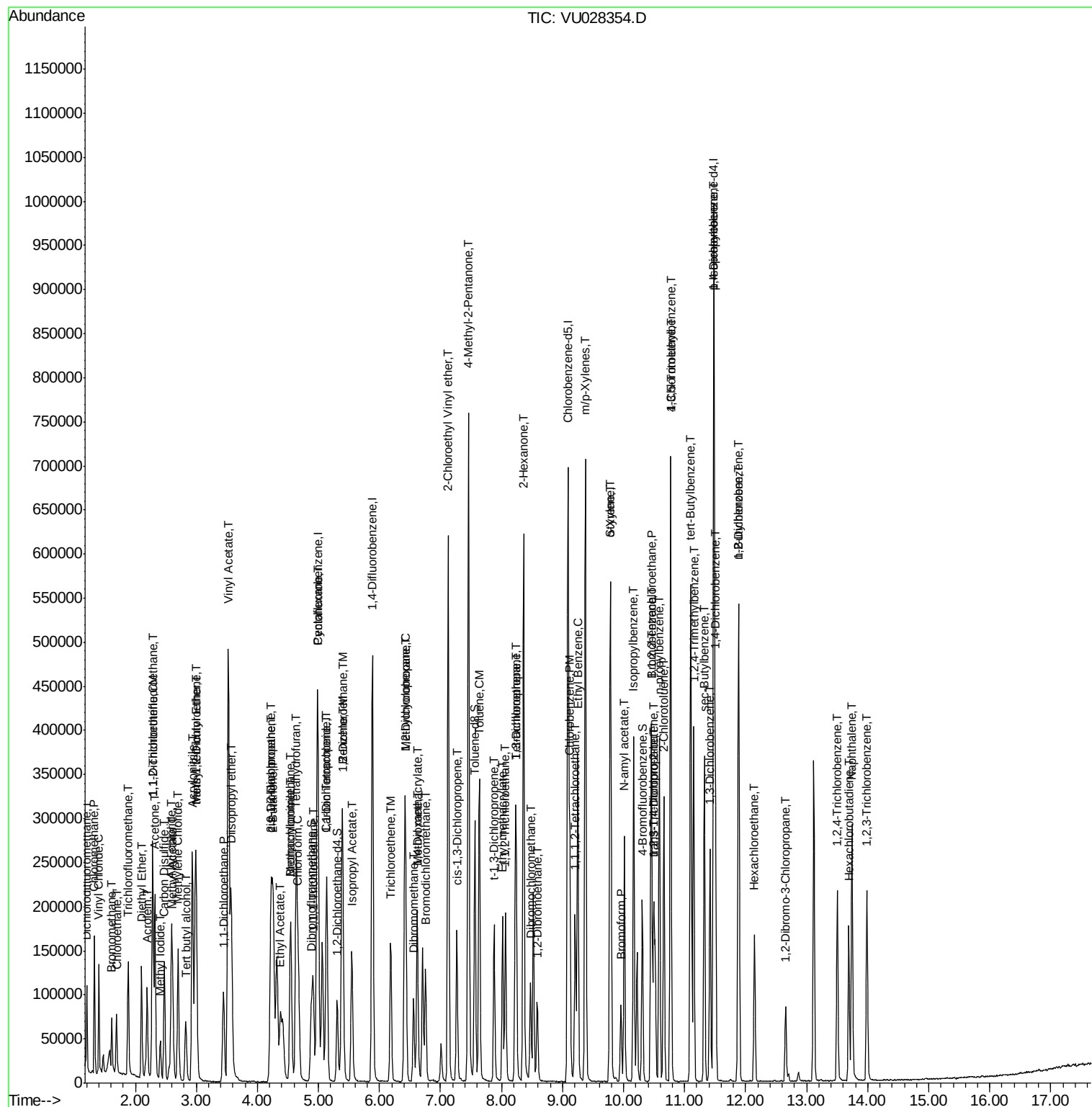
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.50	180	62245	18.330	ug/l	98
94) Hexachlorobutadiene	13.69	225	29221	18.223	ug/l	94
95) Naphthalene	13.74	128	225247	19.505	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	64757	18.855	ug/l	99

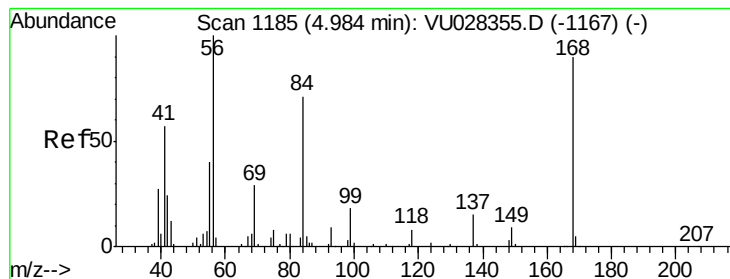
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1184

Delta R.T. -0.00 min

Lab File: VU028354.D

Acq: 28 Nov 2018 09:59

Instrument :

MSVOA_U

ClientSampleId :

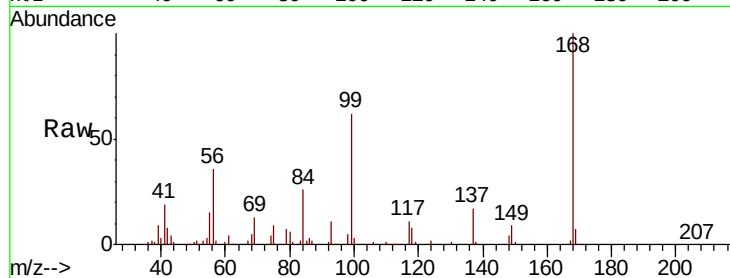
VSTDIC020

Tgt Ion:168 Resp: 217232

Ion Ratio Lower Upper

168 100

99 61.5 49.6 74.4



Abundance Ion 167.90 (167.60 to 168.60): VU028355.D (-1167) (-)

Ion 98.90 (98.60 to 99.60): VU028355.D (-1167) (-)

4.98

100000

80000

60000

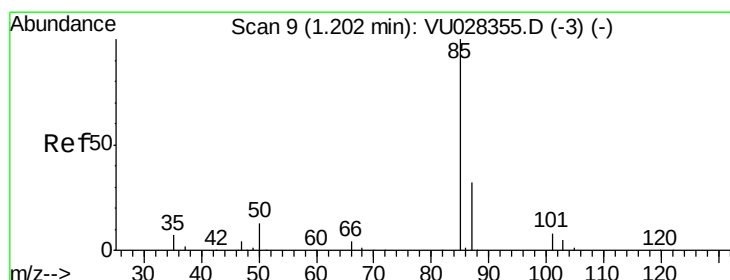
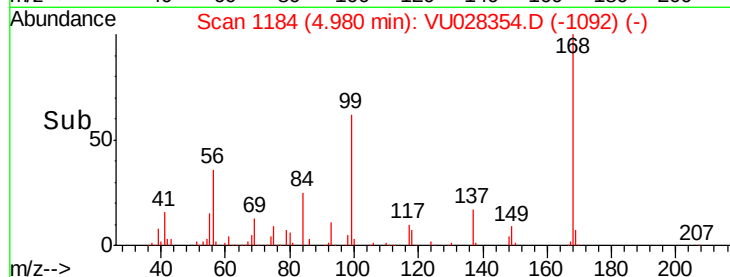
40000

20000

0

4.90 5.00 5.10

Time-->



#2

Dichlorodifluoromethane

Concen: 19.237 ug/l

RT: 1.21 min Scan# 10

Delta R.T. 0.00 min

Lab File: VU028354.D

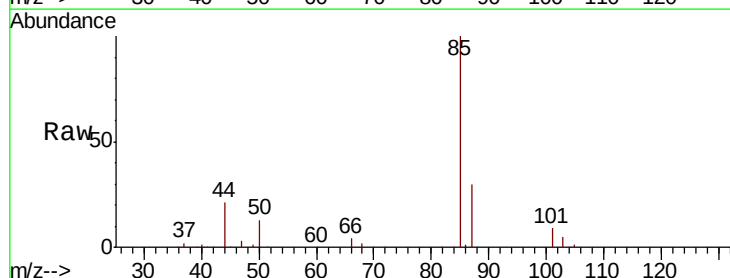
Acq: 28 Nov 2018 09:59

Tgt Ion: 85 Resp: 56058

Ion Ratio Lower Upper

85 100

87 30.3 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VU028355.D (-3) (-)

Ion 86.90 (86.60 to 87.60): VU028355.D (-3) (-)

1.21

60000

50000

40000

30000

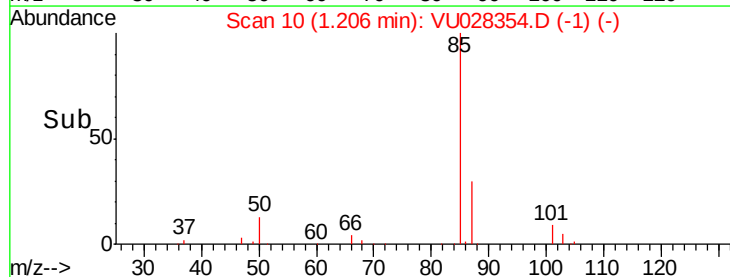
20000

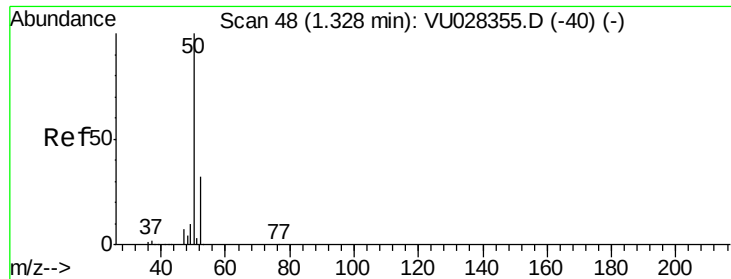
10000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 18.527 ug/l

RT: 1.33 min Scan# 48

Delta R.T. -0.00 min

Lab File: VU028354.D

Acq: 28 Nov 2018 09:59

Instrument :

MSVOA_U

ClientSampleId :

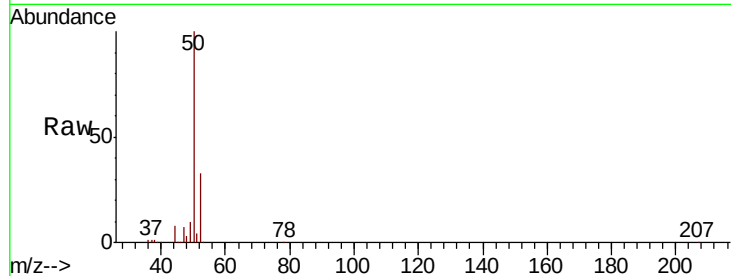
VSTDIC020

Tgt Ion: 50 Resp: 104652

Ion Ratio Lower Upper

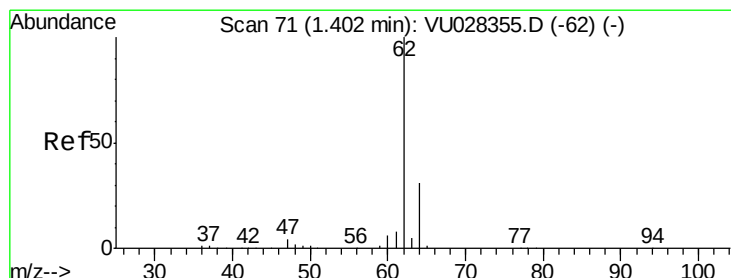
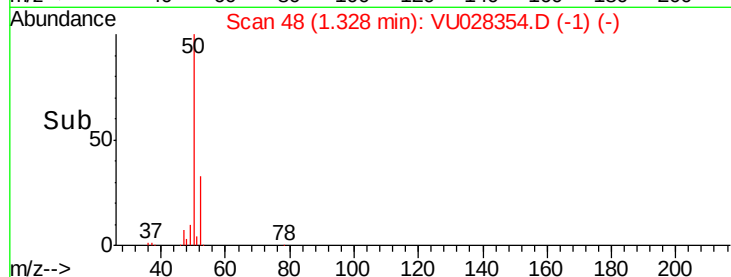
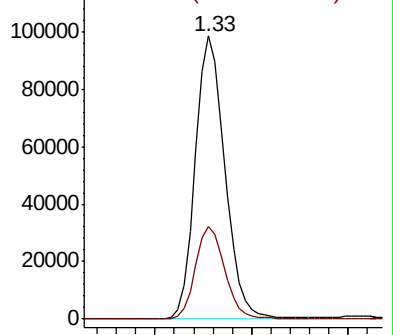
50 100

52 32.8 25.4 38.2



Abundance Ion 49.90 (49.60 to 50.60): VU0

Ion 51.90 (51.60 to 52.60): VU0



#4

Vinyl Chloride

Concen: 18.688 ug/l

RT: 1.40 min Scan# 71

Delta R.T. -0.00 min

Lab File: VU028354.D

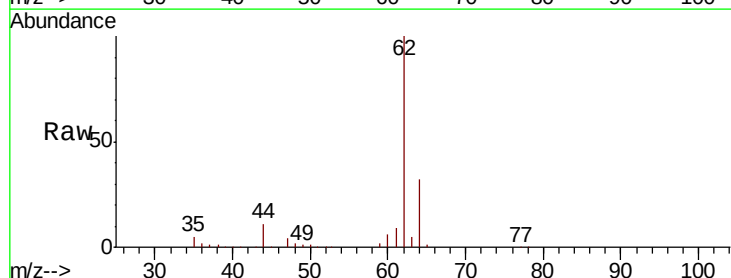
Acq: 28 Nov 2018 09:59

Tgt Ion: 62 Resp: 73855

Ion Ratio Lower Upper

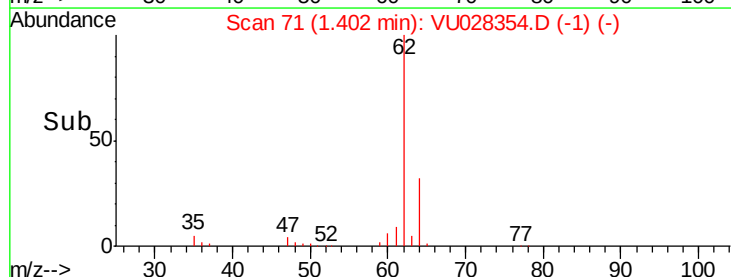
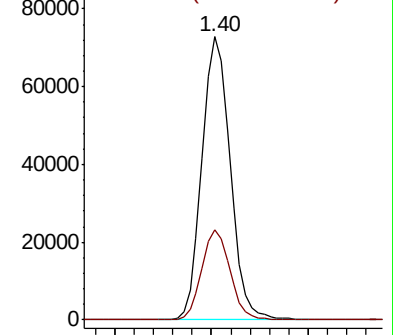
62 100

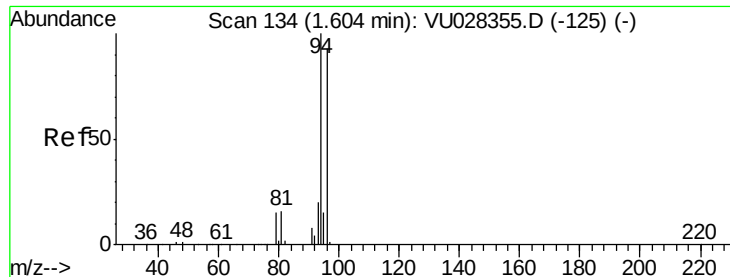
64 31.7 25.0 37.4



Abundance Ion 61.90 (61.60 to 62.60): VU0

Ion 63.90 (63.60 to 64.60): VU0





#5

Bromomethane

Concen: 16.385 ug/l

RT: 1.61 min Scan# 137

Delta R.T. 0.01 min

Lab File: VU028354.D

Acq: 28 Nov 2018 09:59

Instrument :

MSVOA_U

ClientSampleId :

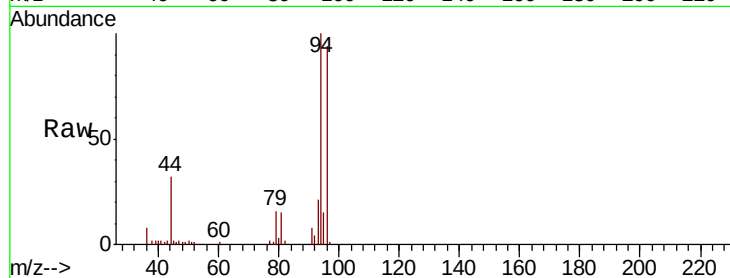
VSTDIC020

Tgt Ion: 94 Resp: 25045

Ion Ratio Lower Upper

94 100

96 94.7 74.6 112.0



Abundance Ion 93.90 (93.60 to 94.60): VU028355.D (-125) (-)

Ion 95.90 (95.60 to 96.60): VU028355.D (-125) (-)

1.61

25000

20000

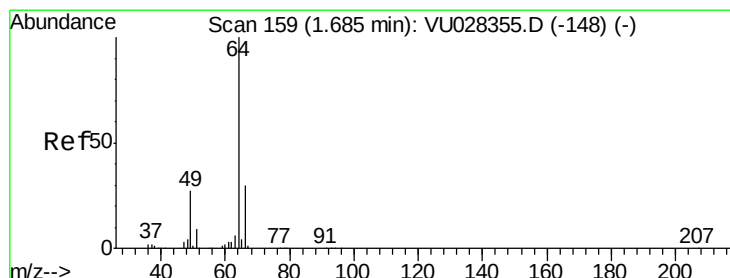
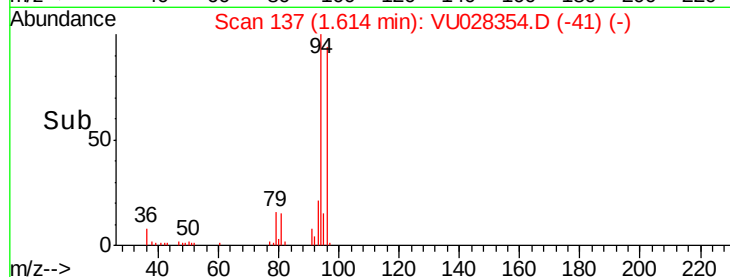
15000

10000

5000

0

Time-->



#6

Chloroethane

Concen: 18.919 ug/l

RT: 1.69 min Scan# 161

Delta R.T. 0.01 min

Lab File: VU028354.D

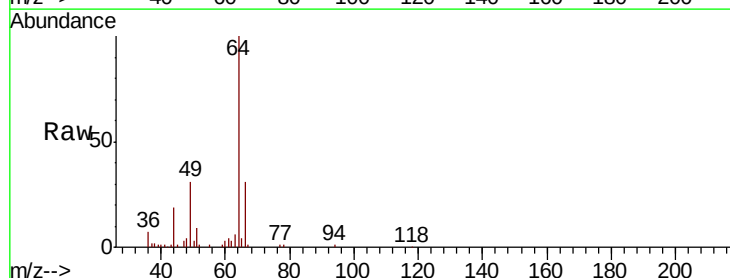
Acq: 28 Nov 2018 09:59

Tgt Ion: 64 Resp: 43024

Ion Ratio Lower Upper

64 100

66 31.4 23.6 35.4



Abundance Ion 63.90 (63.60 to 64.60): VU028355.D (-148) (-)

Ion 65.90 (65.60 to 66.60): VU028355.D (-148) (-)

1.69

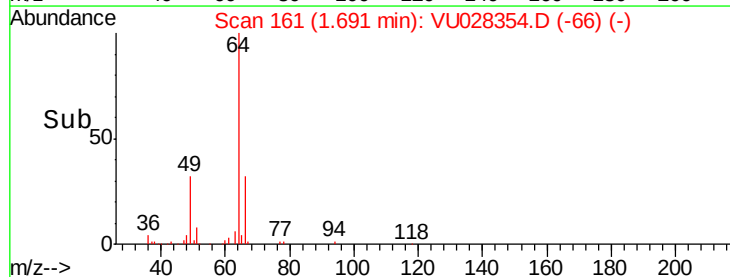
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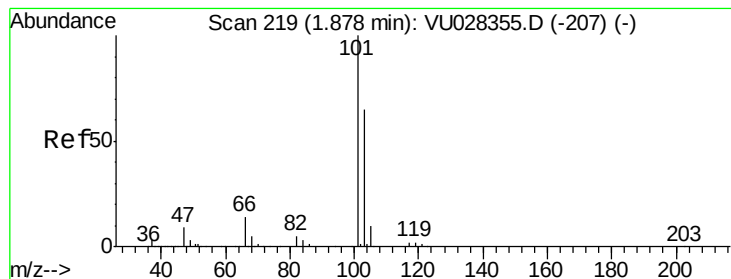
20000

10000

0

Time-->



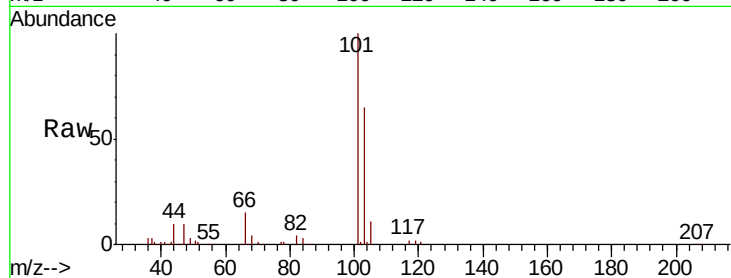


#7

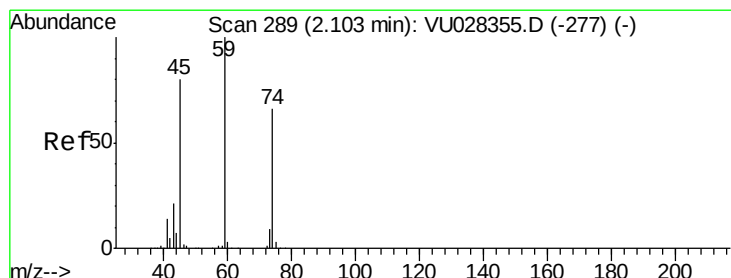
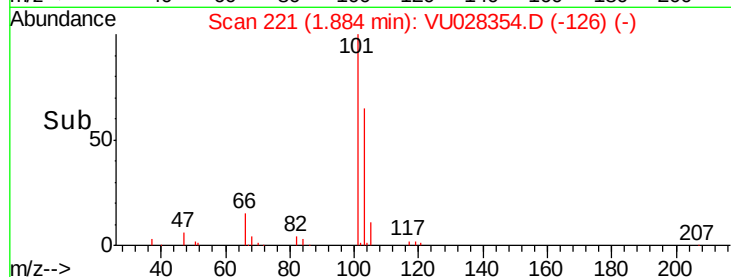
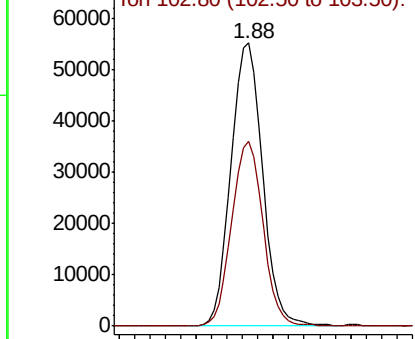
Trichlorofluoromethane
Concen: 19.057 ug/l
RT: 1.88 min Scan# 221
Delta R.T. 0.01 min
Lab File: VU028354.D
Acq: 28 Nov 2018 09:59

Instrument :
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ClientSampleId :
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Tgt Ion:101 Resp: 78229
Ion Ratio Lower Upper
101 100
103 65.4 51.6 77.4



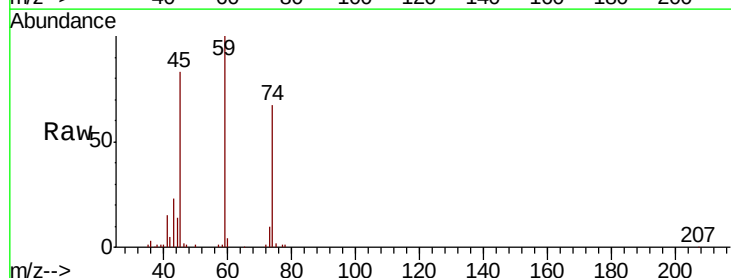
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



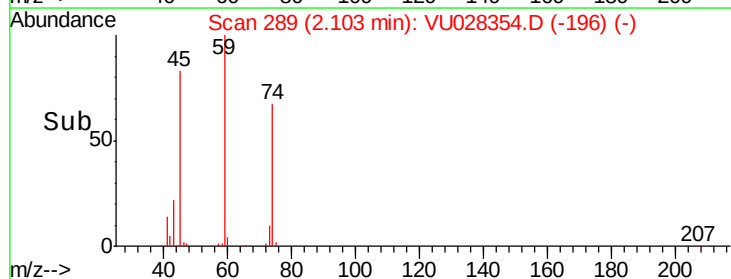
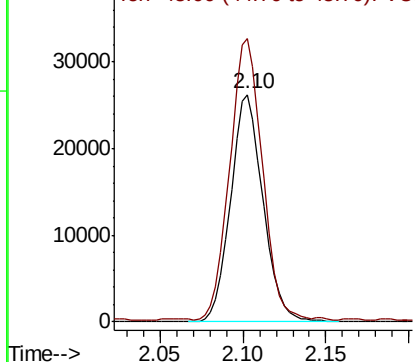
#8

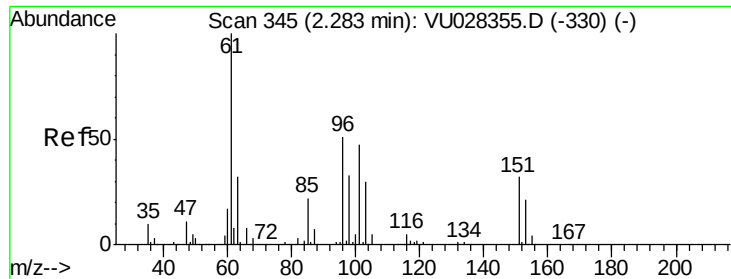
Diethyl Ether
Concen: 18.705 ug/l
RT: 2.10 min Scan# 289
Delta R.T. -0.00 min
Lab File: VU028354.D
Acq: 28 Nov 2018 09:59

Tgt Ion: 74 Resp: 35696
Ion Ratio Lower Upper
74 100
45 124.1 63.0 189.1



Abundance Ion 74.00 (73.70 to 74.70): VU0
Ion 45.00 (44.70 to 45.70): VU0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.477 ug/l

RT: 2.28 min Scan# 345

Delta R.T. -0.00 min

Lab File: VU028354.D

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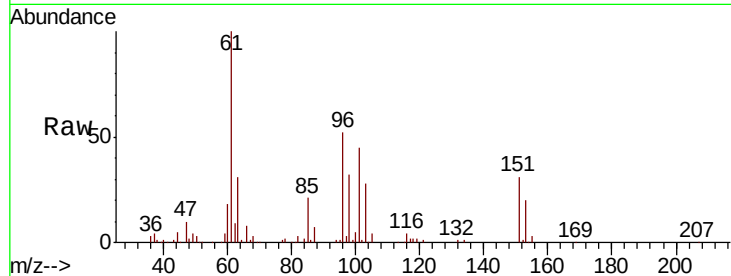
Tgt Ion:101 Resp: 44186

Ion Ratio Lower Upper

101 100

85 47.5 37.2 55.8

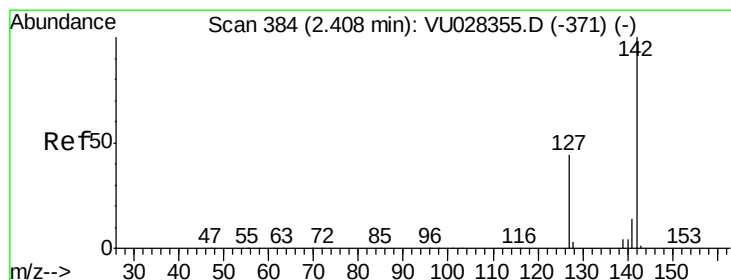
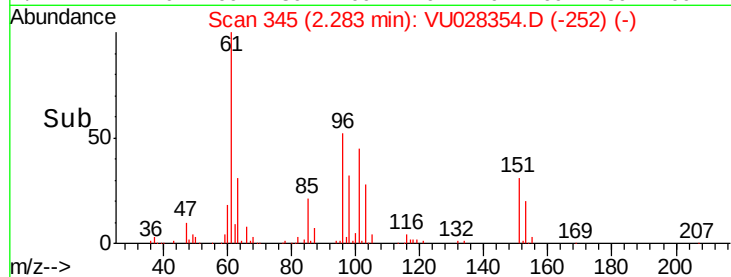
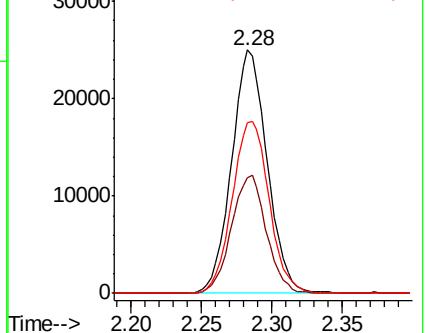
151 72.9 55.4 83.0



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: 18.915 ug/l

RT: 2.41 min Scan# 384

Delta R.T. -0.00 min

Lab File: VU028354.D

Acq: 28 Nov 2018 09:59

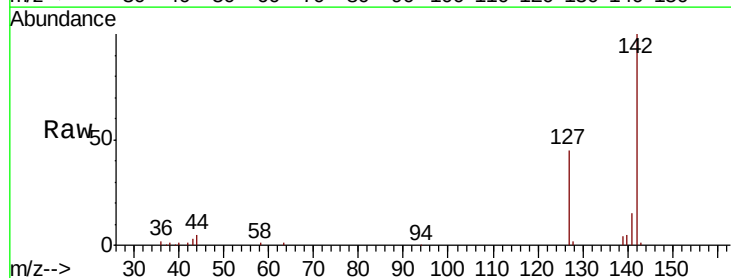
Tgt Ion:142 Resp: 42654

Ion Ratio Lower Upper

142 100

127 43.7 35.0 52.6

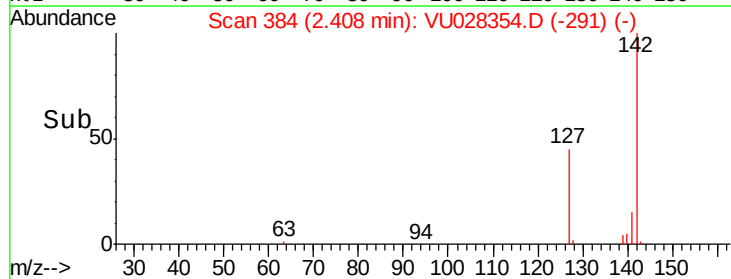
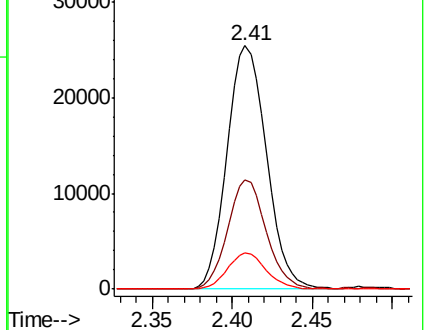
141 14.4 11.2 16.8

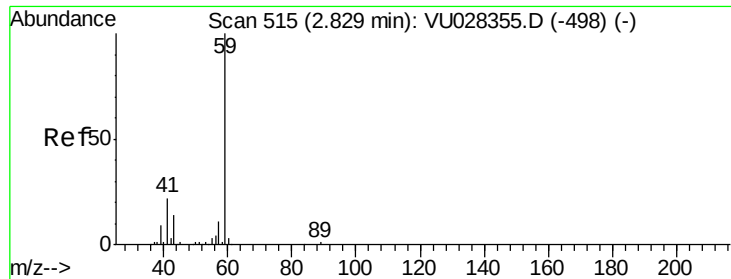


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

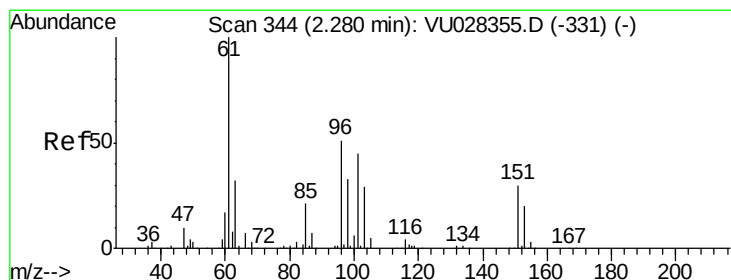
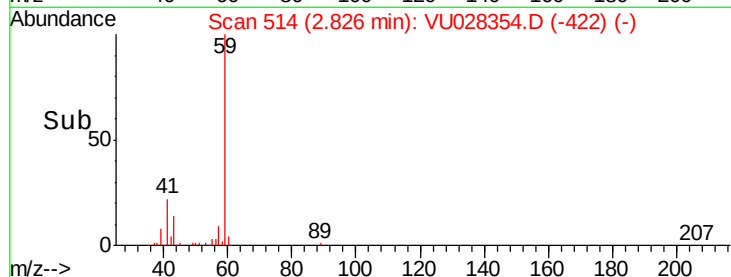
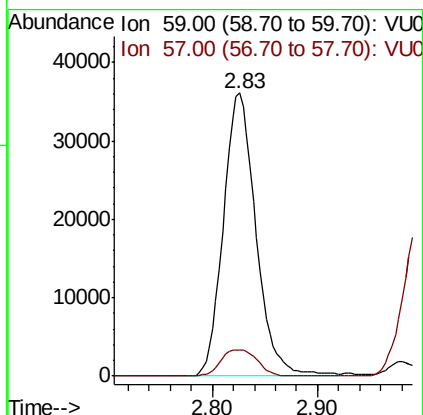
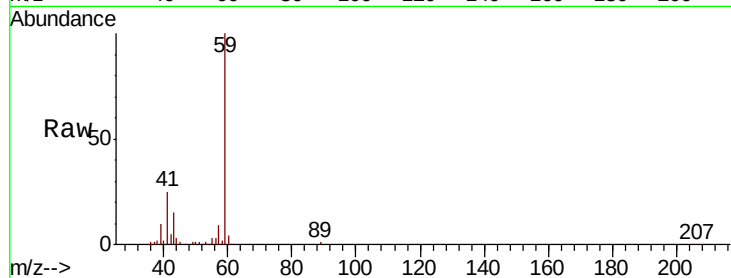




#11
Tert butyl alcohol
Concen: 93.790 ug/l
RT: 2.83 min Scan# 514
Delta R.T. -0.00 min
Lab File: VU028354.D
Acq: 28 Nov 2018 09:59

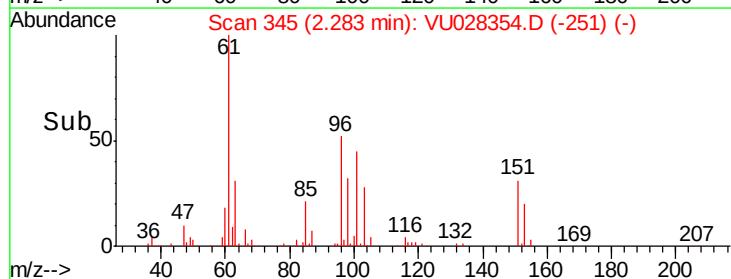
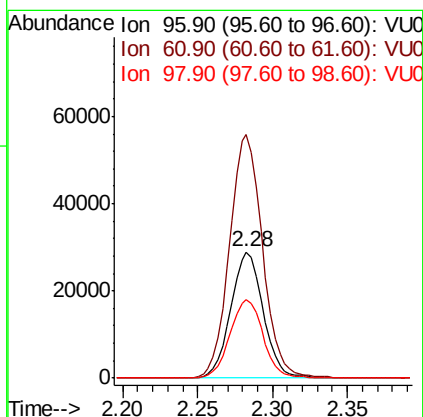
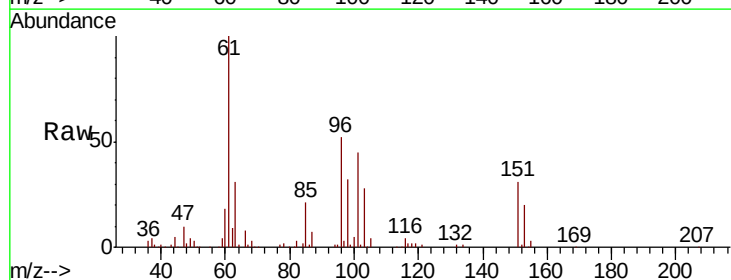
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

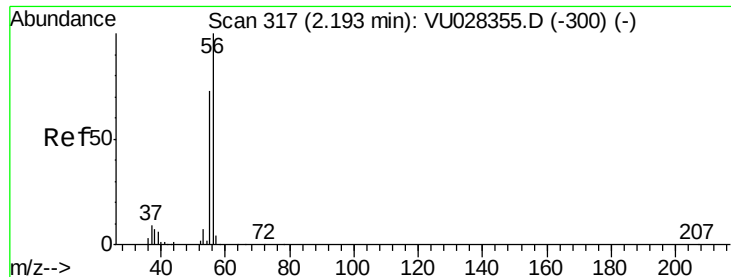
Tgt Ion: 59 Resp: 77356
Ion Ratio Lower Upper
59 100
57 10.4 8.3 12.5



#12
1,1-Dichloroethene
Concen: 18.800 ug/l
RT: 2.28 min Scan# 345
Delta R.T. 0.00 min
Lab File: VU028354.D
Acq: 28 Nov 2018 09:59

Tgt Ion: 96 Resp: 43630
Ion Ratio Lower Upper
96 100
61 192.8 158.1 237.1
98 61.7 51.4 77.2





#13

Acrolein

Concen: 97.199 ug/l

RT: 2.19 min Scan# 317

Delta R.T. -0.00 min

Lab File: VU028354.D

Acq: 28 Nov 2018 09:59

Instrument :

MSVOA_U

ClientSampleId :

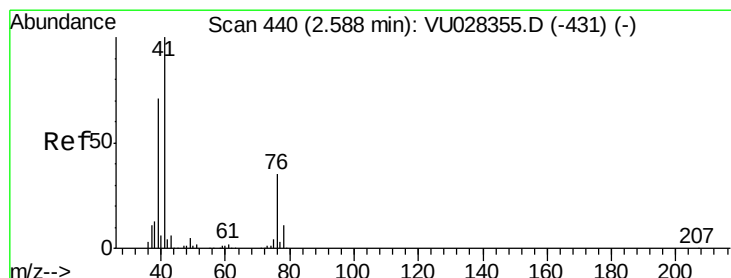
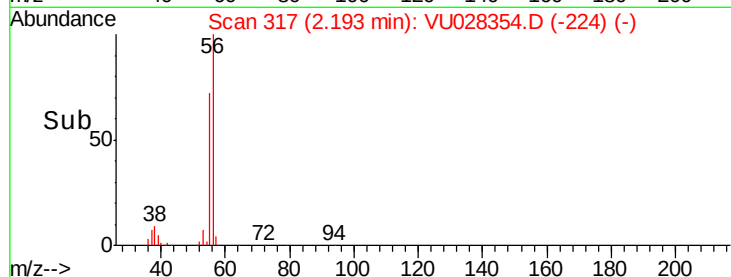
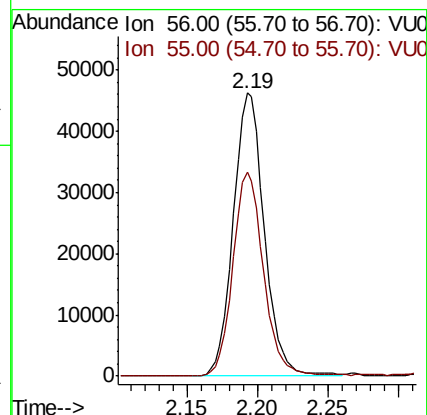
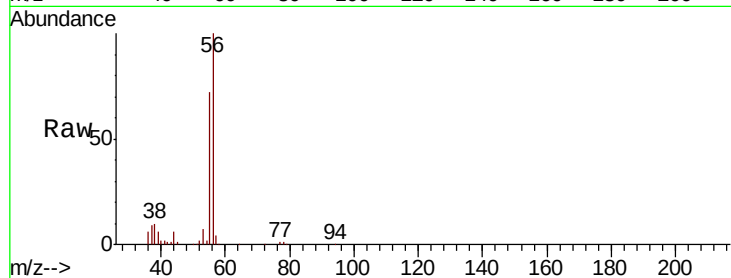
VSTDIC020

Tgt Ion: 56 Resp: 71271

Ion Ratio Lower Upper

56 100

55 71.0 56.6 85.0



#14

Allyl chloride

Concen: 18.941 ug/l

RT: 2.59 min Scan# 441

Delta R.T. 0.00 min

Lab File: VU028354.D

Acq: 28 Nov 2018 09:59

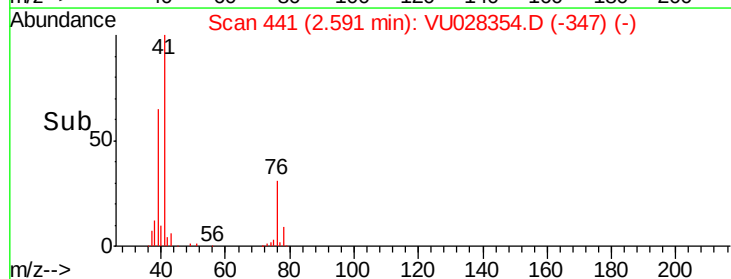
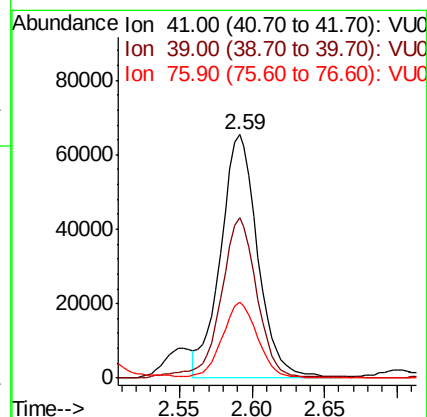
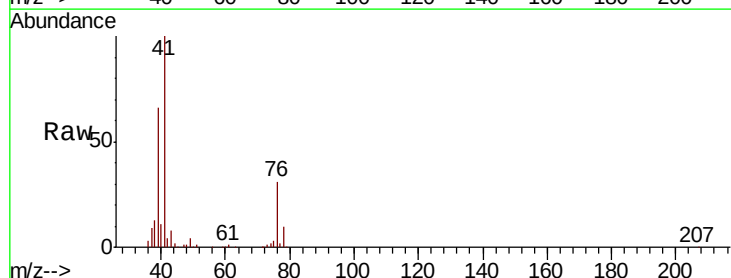
Tgt Ion: 41 Resp: 114847

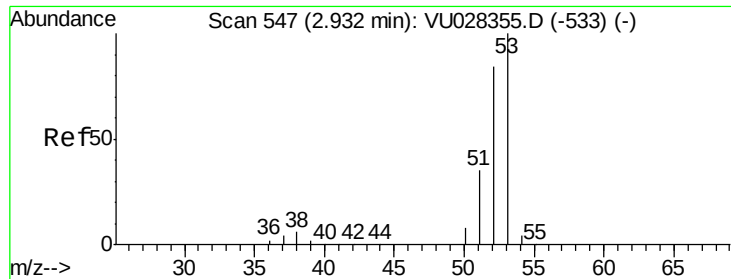
Ion Ratio Lower Upper

41 100

39 64.3 51.6 77.4

76 30.2 24.4 36.6





#15

Acrylonitrile

Concen: 96.914 ug/l

RT: 2.94 min Scan# 548

Delta R.T. 0.00 min

Lab File: VU028354.D

Acq: 28 Nov 2018 09:59

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC020

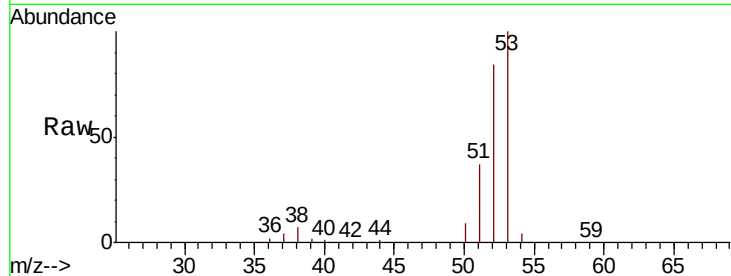
Tgt Ion: 53 Resp: 211438

Ion Ratio Lower Upper

53 100

52 82.5 65.7 98.5

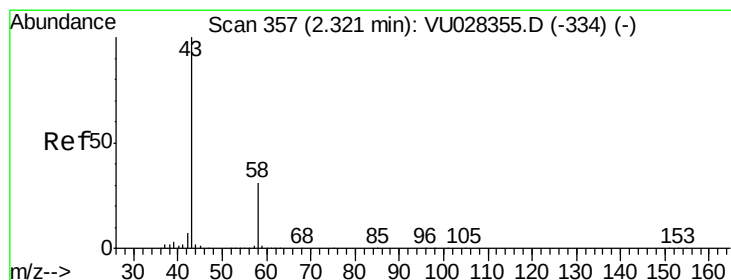
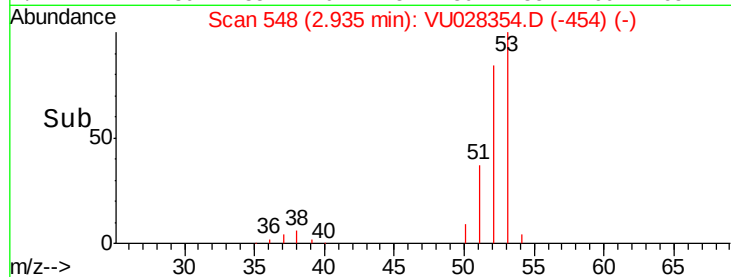
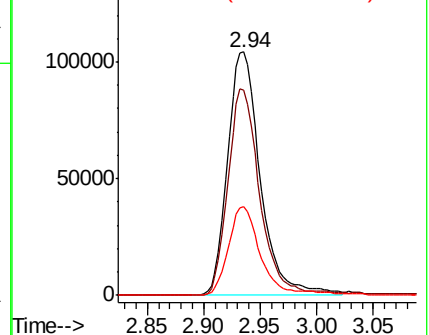
51 34.5 27.8 41.6



Abundance Ion 53.00 (52.70 to 53.70): VU0

Ion 52.00 (51.70 to 52.70): VU0

Ion 51.00 (50.70 to 51.70): VU0



#16

Acetone

Concen: 97.333 ug/l

RT: 2.32 min Scan# 357

Delta R.T. -0.00 min

Lab File: VU028354.D

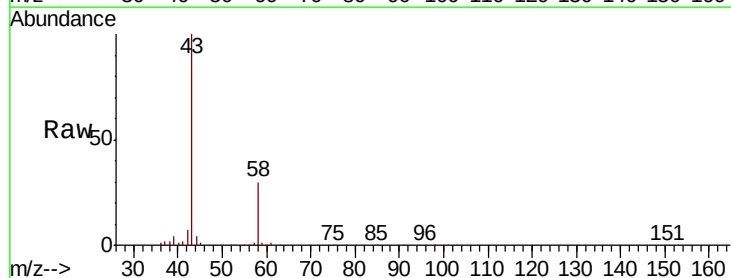
Acq: 28 Nov 2018 09:59

Tgt Ion: 43 Resp: 216164

Ion Ratio Lower Upper

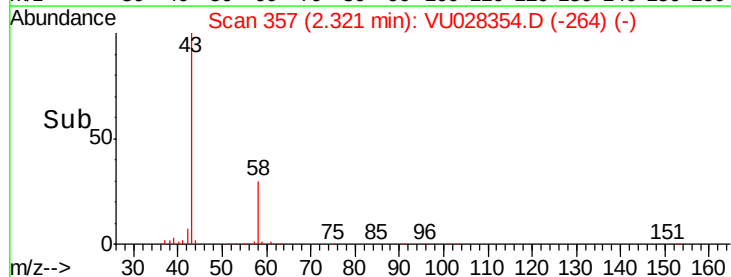
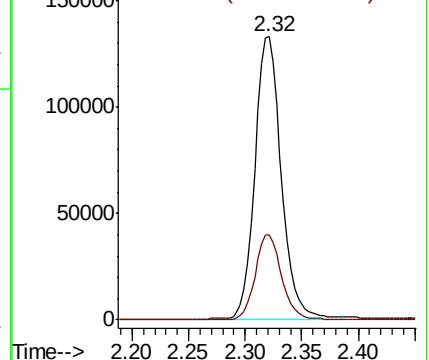
43 100

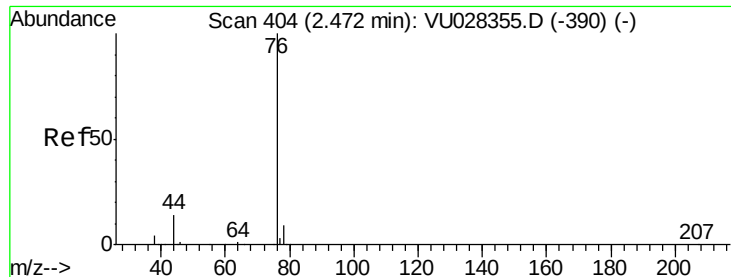
58 30.0 24.4 36.6



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0





#17

Carbon Disulfide

Concen: 18.184 ug/l

RT: 2.48 min Scan# 405

Delta R.T. 0.00 min

Lab File: VU028354.D

Acq: 28 Nov 2018 09:59

Instrument :

MSVOA_U

ClientSampleId :

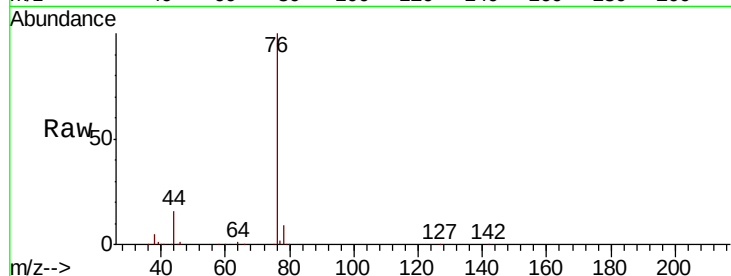
VSTDIC020

Tgt Ion: 76 Resp: 161978

Ion Ratio Lower Upper

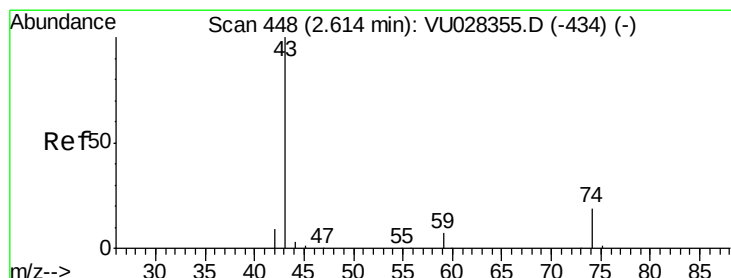
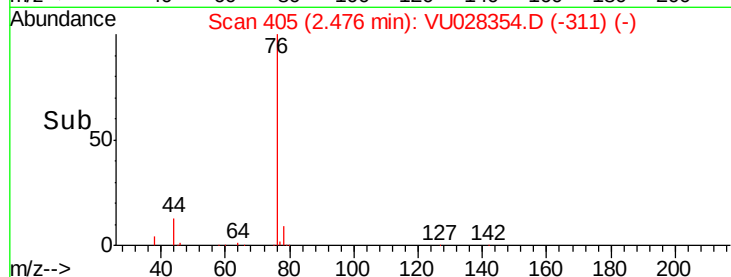
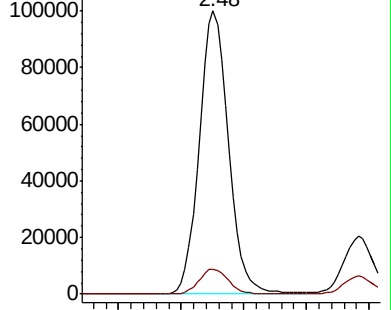
76 100

78 8.8 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VU028355.D (-390) (-)

Ion 77.90 (77.60 to 78.60): VU028355.D (-390) (-)



#18

Methyl Acetate

Concen: 18.671 ug/l

RT: 2.61 min Scan# 448

Delta R.T. -0.00 min

Lab File: VU028354.D

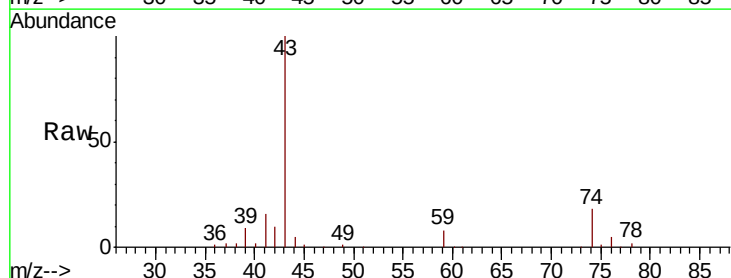
Acq: 28 Nov 2018 09:59

Tgt Ion: 43 Resp: 115451

Ion Ratio Lower Upper

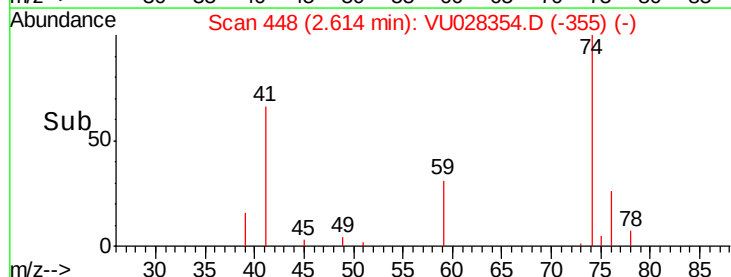
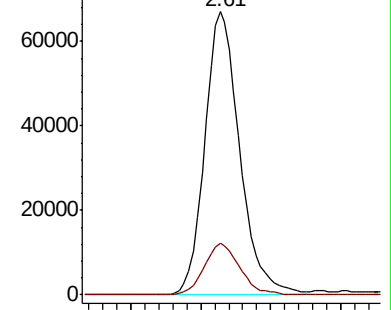
43 100

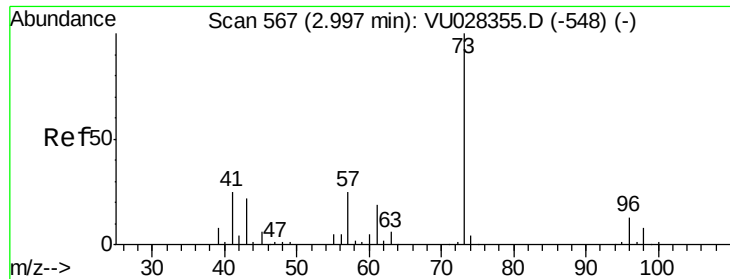
74 19.0 15.3 22.9



Abundance Ion 43.00 (42.70 to 43.70): VU028355.D (-434) (-)

Ion 74.00 (73.70 to 74.70): VU028355.D (-434) (-)

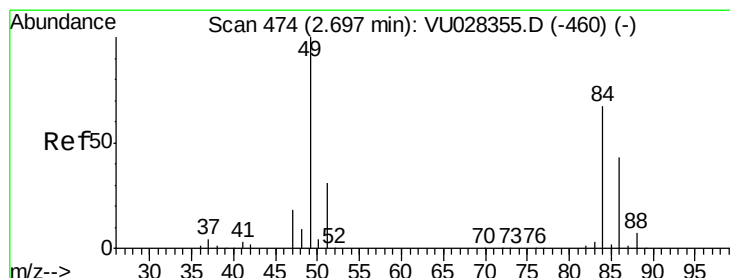
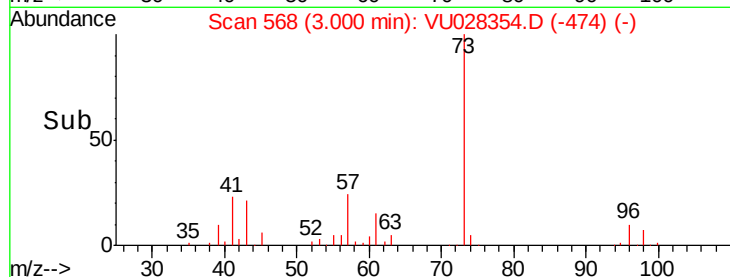
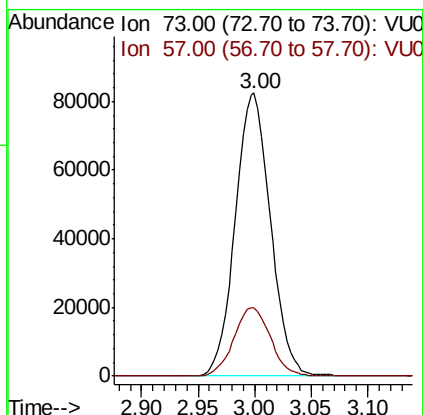
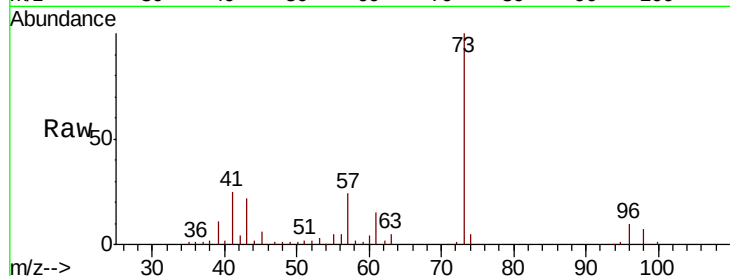




#19
Methyl tert-butyl Ether
Concen: 18.820 ug/l
RT: 3.00 min Scan# 568
Delta R.T. 0.00 min
Lab File: VU028354.D
Acq: 28 Nov 2018 09:59

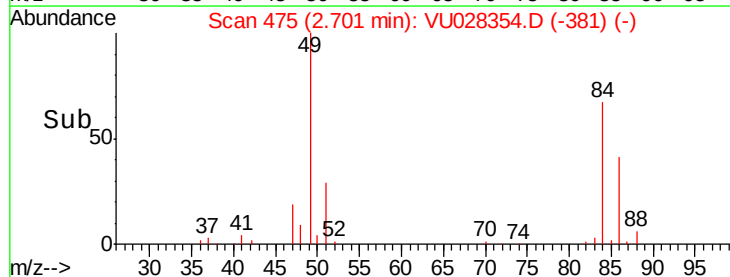
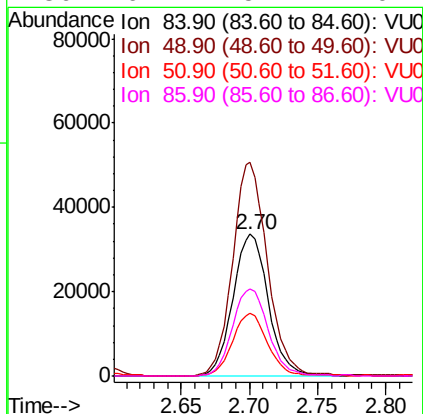
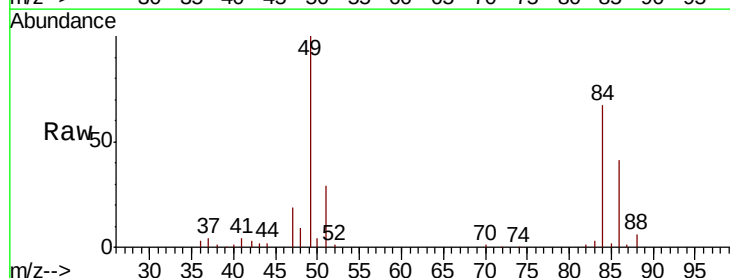
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

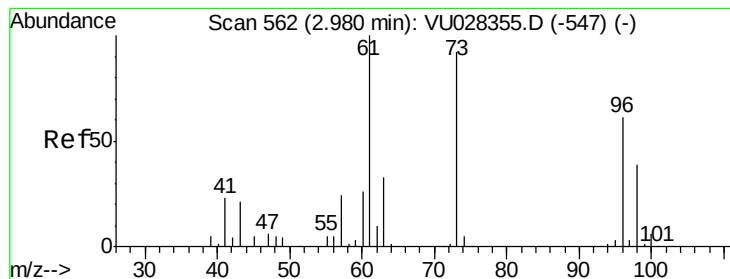
Tgt Ion: 73 Resp: 179058
Ion Ratio Lower Upper
73 100
57 24.1 20.1 30.1



#20
Methylene Chloride
Concen: 17.647 ug/l
RT: 2.70 min Scan# 475
Delta R.T. 0.00 min
Lab File: VU028354.D
Acq: 28 Nov 2018 09:59

Tgt Ion: 84 Resp: 60633
Ion Ratio Lower Upper
84 100
49 150.4 120.0 180.0
51 44.0 36.9 55.3
86 61.7 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 18.658 ug/l

RT: 2.98 min Scan# 562

Delta R.T. -0.00 min

Lab File: VU028354.D

Acq: 28 Nov 2018 09:59

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC020

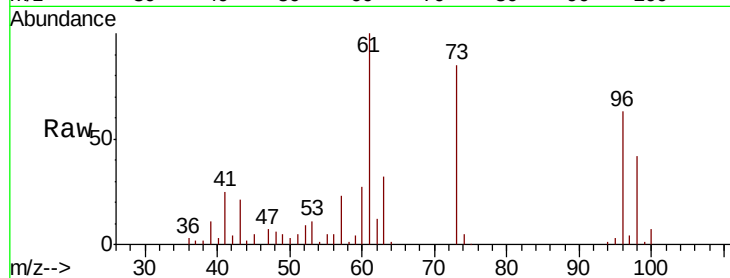
Tgt Ion: 96 Resp: 50216

Ion Ratio Lower Upper

96 100

61 159.5 131.1 196.7

98 66.6 51.7 77.5

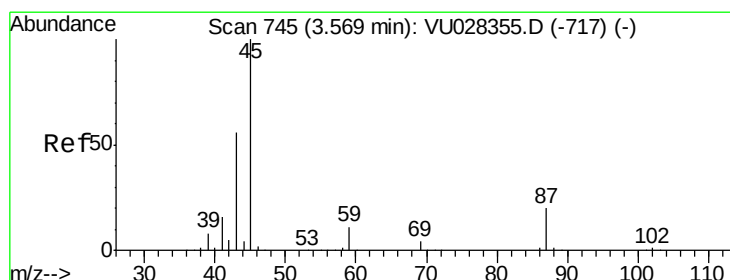
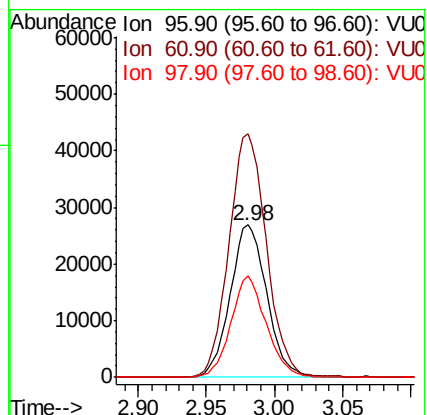
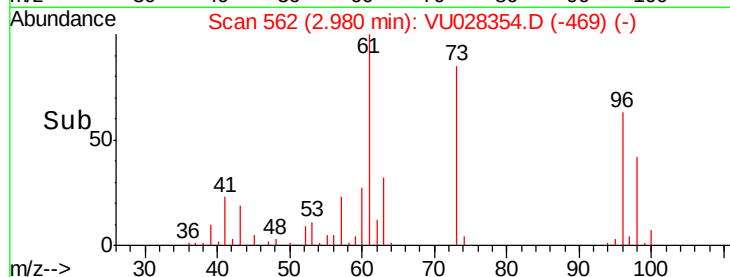


Abundance

Ion 95.90 (95.60 to 96.60): VU0

Ion 60.90 (60.60 to 61.60): VU0

Ion 97.90 (97.60 to 98.60): VU0



#22

Diisopropyl ether

Concen: 19.232 ug/l

RT: 3.57 min Scan# 745

Delta R.T. -0.00 min

Lab File: VU028354.D

Acq: 28 Nov 2018 09:59

Tgt Ion: 45 Resp: 229450

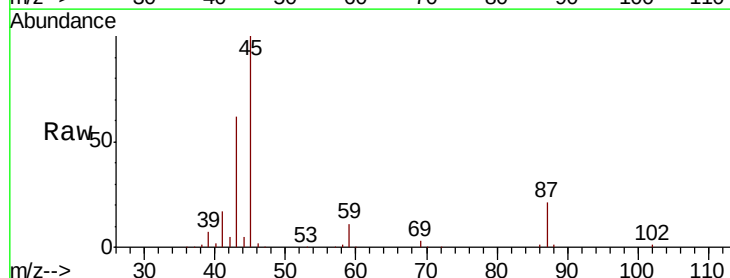
Ion Ratio Lower Upper

45 100

43 60.4 44.8 67.2

87 20.5 16.3 24.5

59 11.4 8.6 12.8



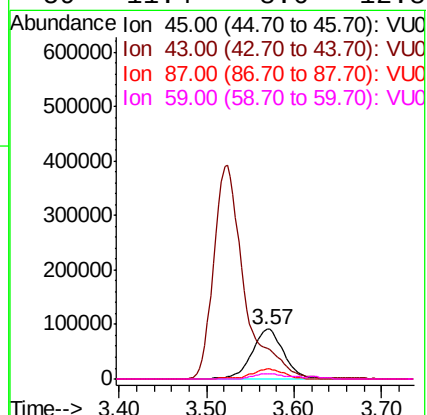
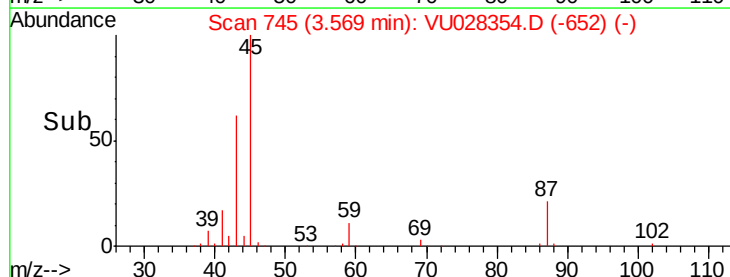
Abundance

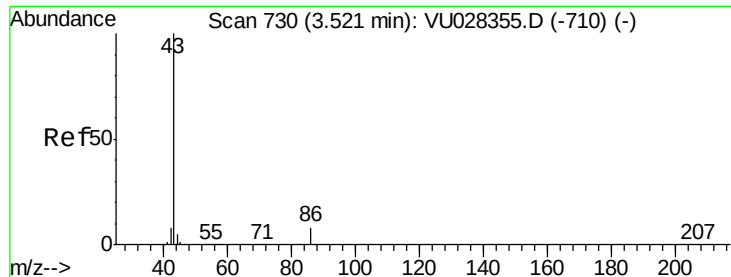
Ion 45.00 (44.70 to 45.70): VU0

Ion 43.00 (42.70 to 43.70): VU0

Ion 87.00 (86.70 to 87.70): VU0

Ion 59.00 (58.70 to 59.70): VU0





#23

Vinyl Acetate

Concen: 96.393 ug/l

RT: 3.52 min Scan# 731

Delta R.T. 0.00 min

Lab File: VU028354.D

Acq: 28 Nov 2018 09:59

Instrument :

MSVOA_U

ClientSampleId :

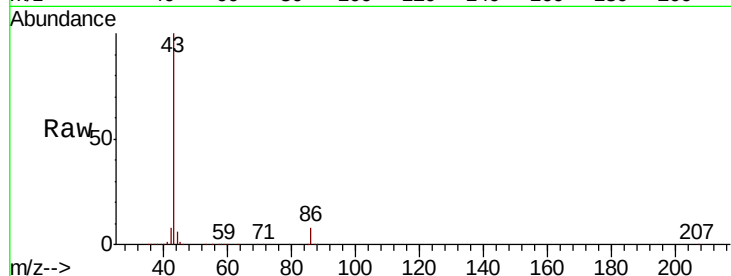
VSTDIC020

Tgt Ion: 43 Resp: 956459

Ion Ratio Lower Upper

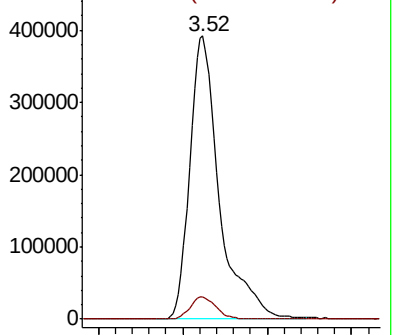
43 100

86 7.8 6.5 9.7

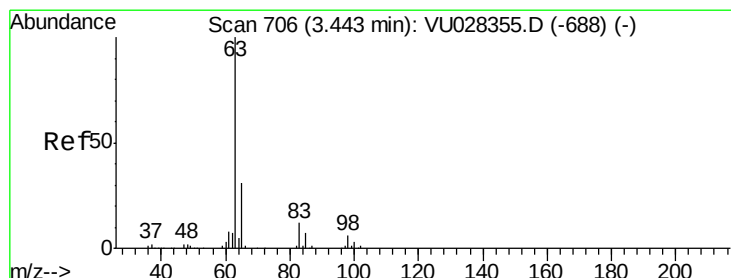
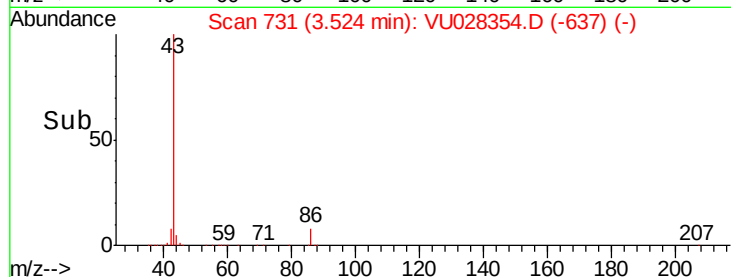


Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 86.00 (85.70 to 86.70): VU0



Time-->



#24

1,1-Dichloroethane

Concen: 19.507 ug/l

RT: 3.44 min Scan# 706

Delta R.T. -0.00 min

Lab File: VU028354.D

Acq: 28 Nov 2018 09:59

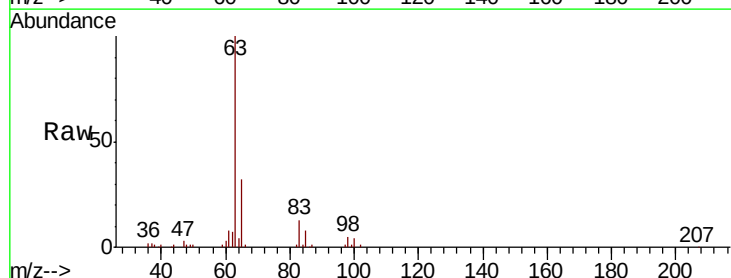
Tgt Ion: 63 Resp: 114811

Ion Ratio Lower Upper

63 100

98 4.9 2.9 8.6

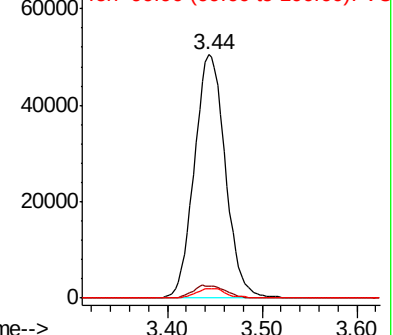
100 4.0 1.7 5.1



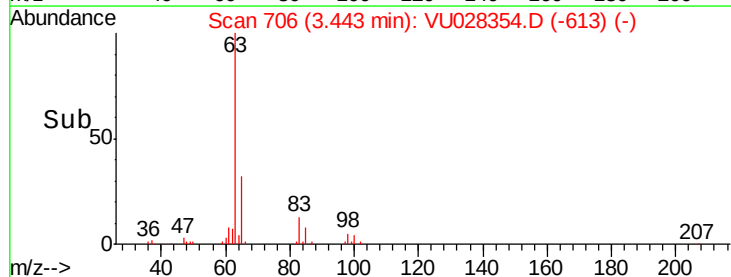
Abundance Ion 62.90 (62.60 to 63.60): VU0

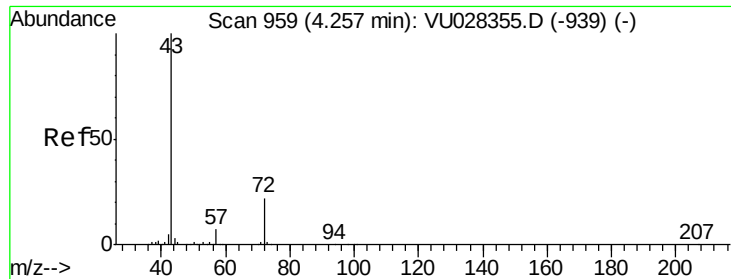
Ion 97.90 (97.60 to 98.60): VU0

Ion 99.90 (99.60 to 100.60): VU0



Time-->

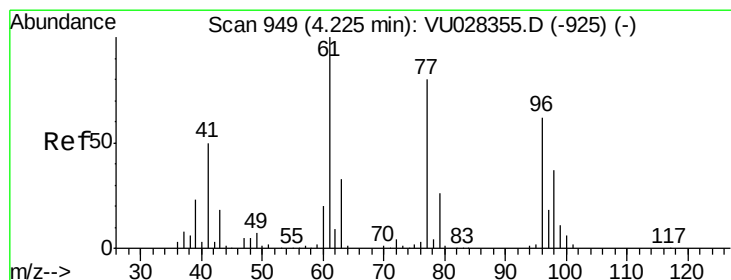
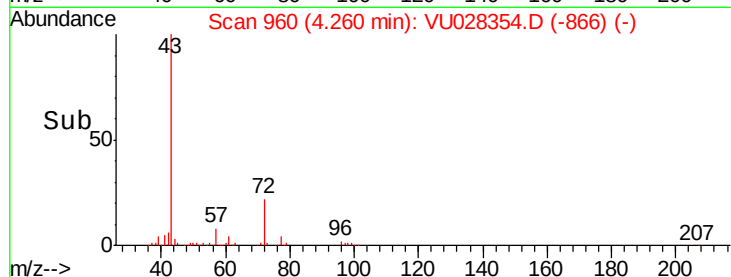
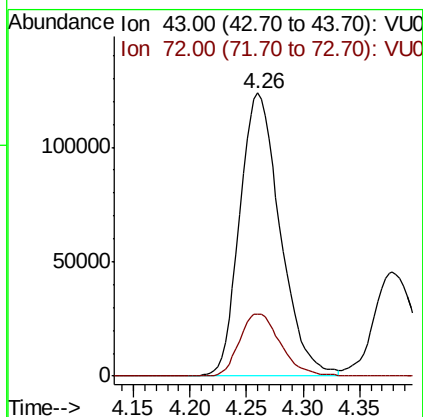
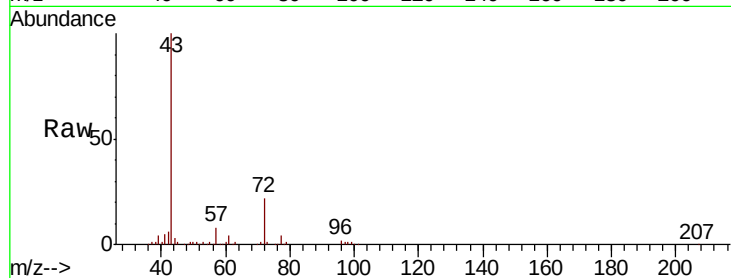




#25
 2-Butanone
 Concen: 96.144 ug/l
 RT: 4.26 min Scan# 960
 Delta R.T. 0.00 min
 Lab File: VU028354.D
 Acq: 28 Nov 2018 09:59

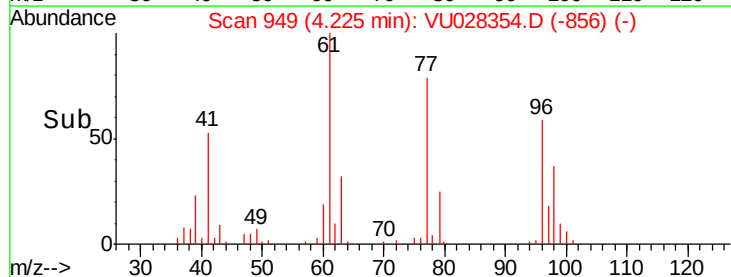
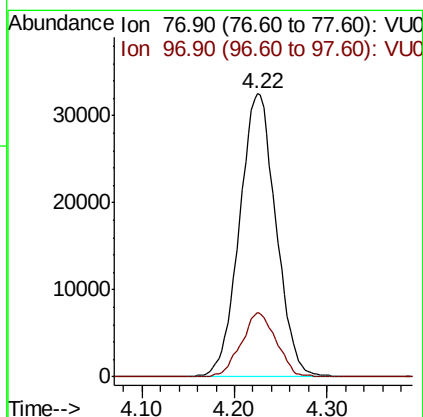
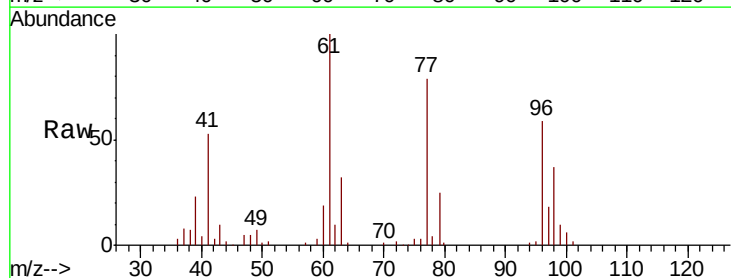
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

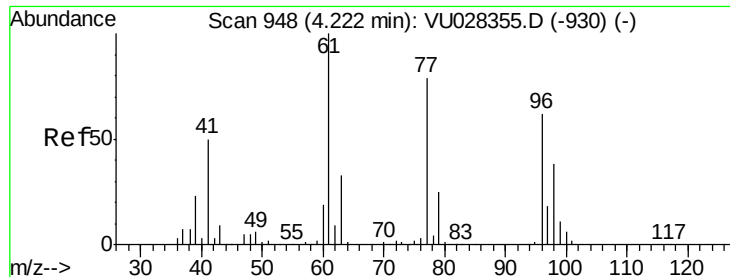
Tgt Ion: 43 Resp: 306013
 Ion Ratio Lower Upper
 43 100
 72 22.2 17.7 26.5



#26
 2,2-Dichloropropane
 Concen: 18.979 ug/l
 RT: 4.22 min Scan# 949
 Delta R.T. -0.00 min
 Lab File: VU028354.D
 Acq: 28 Nov 2018 09:59

Tgt Ion: 77 Resp: 88709
 Ion Ratio Lower Upper
 77 100
 97 21.9 10.7 32.1



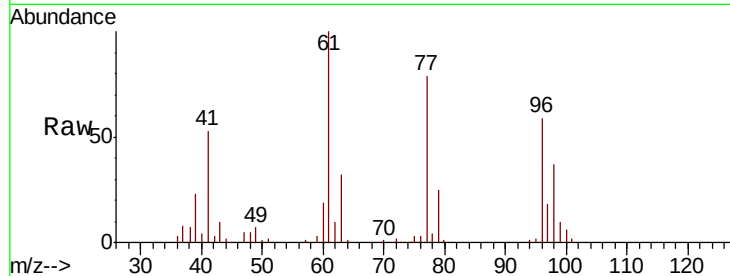


#27

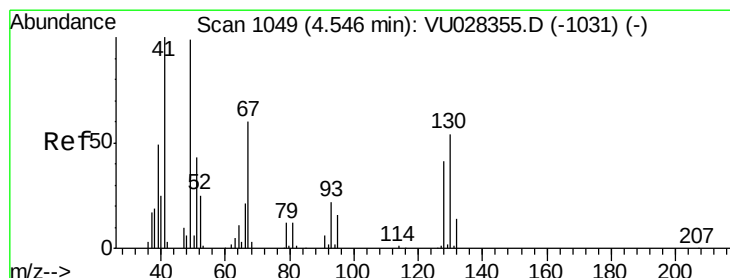
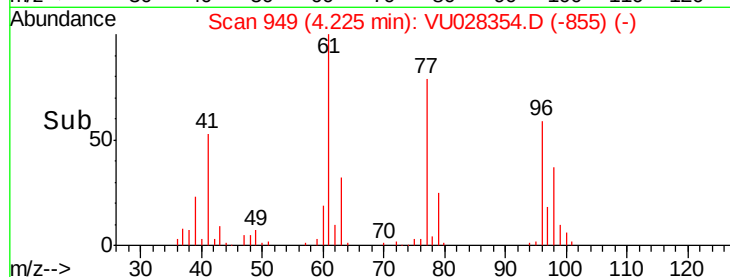
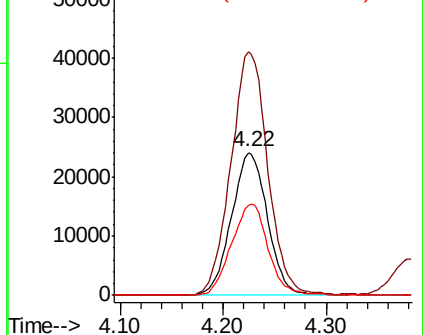
cis-1,2-Dichloroethene
 Concen: 18.426 ug/l
 RT: 4.22 min Scan# 949
 Delta R.T. 0.00 min
 Lab File: VU028354.D
 Acq: 28 Nov 2018 09:59

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

Tgt Ion: 96 Resp: 58651
 Ion Ratio Lower Upper
 96 100
 61 174.3 0.0 342.0
 98 64.7 0.0 126.4



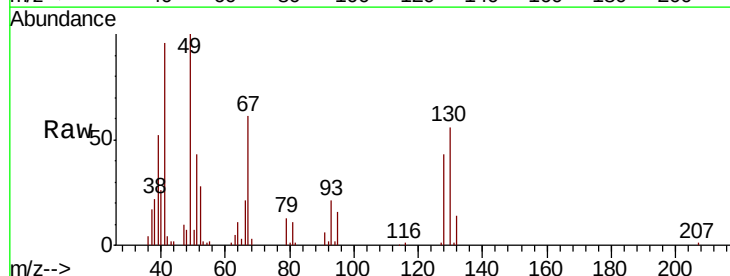
Abundance Ion 95.90 (95.60 to 96.60): VU0
 Ion 60.90 (60.60 to 61.60): VU0
 Ion 97.90 (97.60 to 98.60): VU0



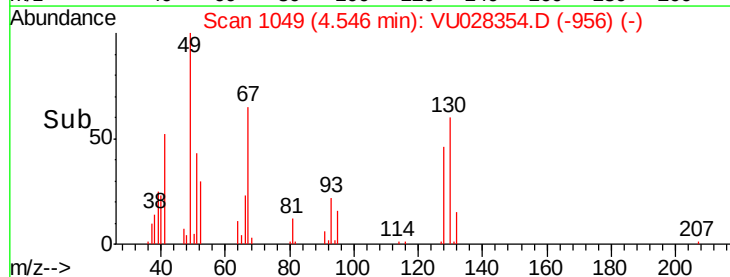
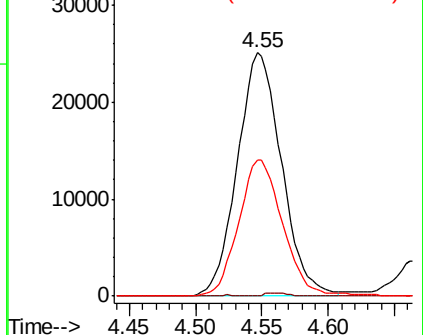
#28

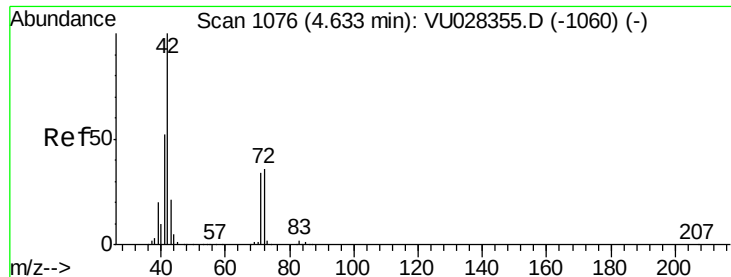
Bromochloromethane
 Concen: 19.827 ug/l
 RT: 4.55 min Scan# 1049
 Delta R.T. -0.00 min
 Lab File: VU028354.D
 Acq: 28 Nov 2018 09:59

Tgt Ion: 49 Resp: 58347
 Ion Ratio Lower Upper
 49 100
 129 0.7 0.0 2.6
 130 55.0 44.5 66.7



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: 98.591 ug/l

RT: 4.64 min Scan# 1077

Delta R.T. 0.00 min

Lab File: VU028354.D

Acq: 28 Nov 2018 09:59

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC020

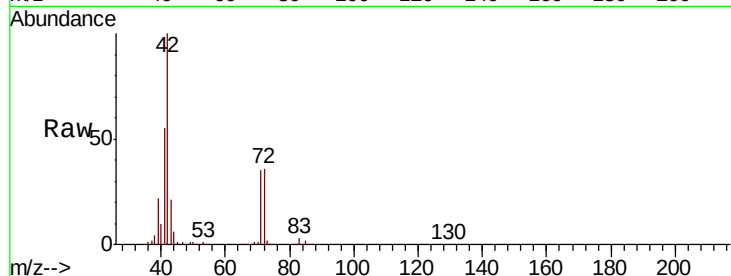
Tgt Ion: 42 Resp: 203739

Ion Ratio Lower Upper

42 100

72 36.6 29.5 44.3

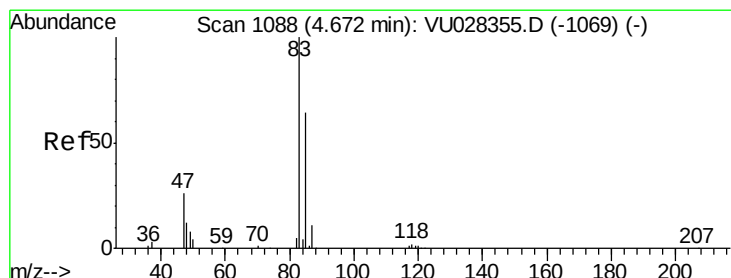
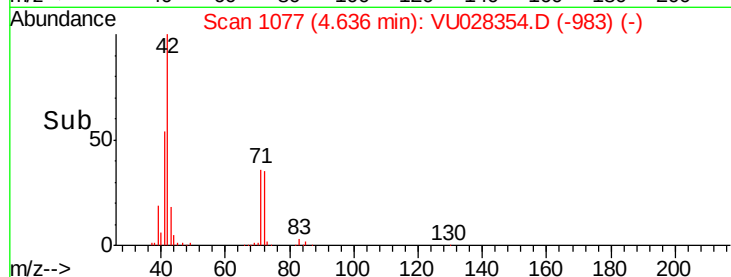
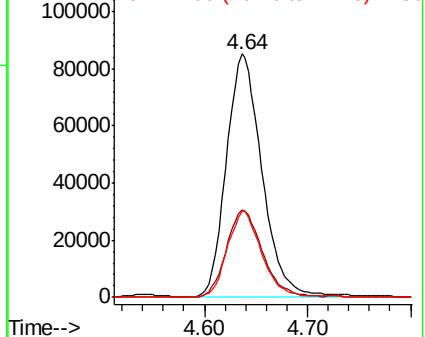
71 34.5 27.7 41.5



Abundance Ion 42.00 (41.70 to 42.70): VU0

Ion 72.00 (71.70 to 72.70): VU0

Ion 71.00 (70.70 to 71.70): VU0



#30

Chloroform

Concen: 18.715 ug/l

RT: 4.67 min Scan# 1088

Delta R.T. -0.00 min

Lab File: VU028354.D

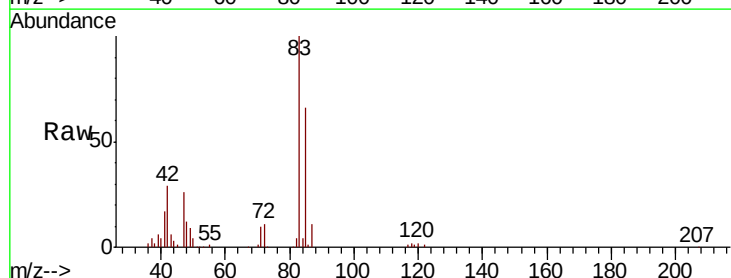
Acq: 28 Nov 2018 09:59

Tgt Ion: 83 Resp: 101669

Ion Ratio Lower Upper

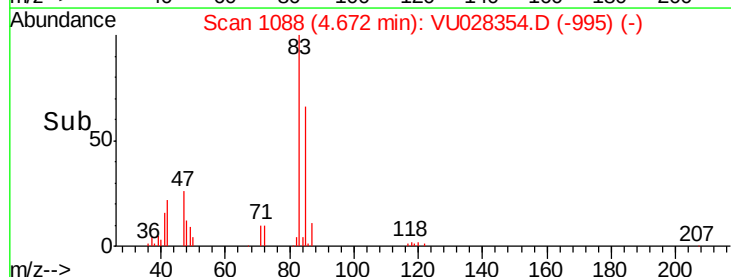
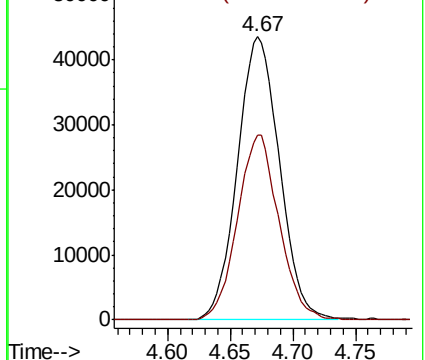
83 100

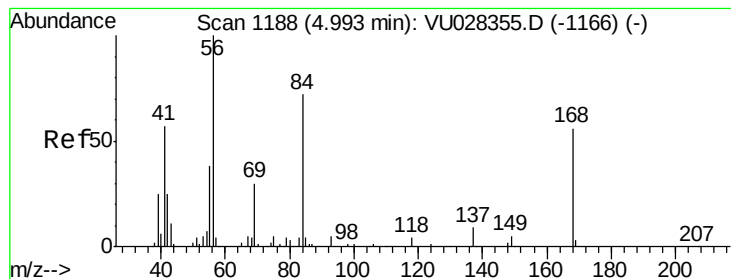
85 65.5 51.2 76.8



Abundance Ion 82.90 (82.60 to 83.60): VU0

Ion 84.90 (84.60 to 85.60): VU0





#31

Cyclohexane

Concen: 16.629 ug/l

RT: 4.99 min Scan# 1188

Delta R.T. -0.00 min

Lab File: VU028354.D

Acq: 28 Nov 2018 09:59

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC020

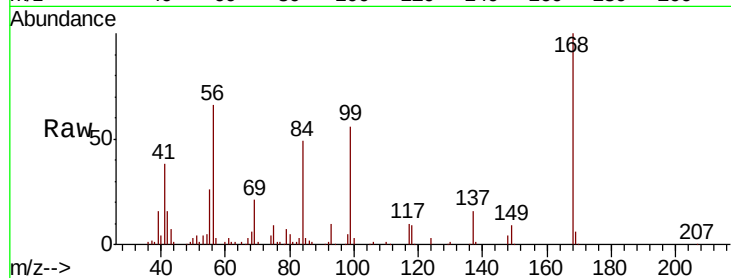
Tgt Ion: 56 Resp: 116169

Ion Ratio Lower Upper

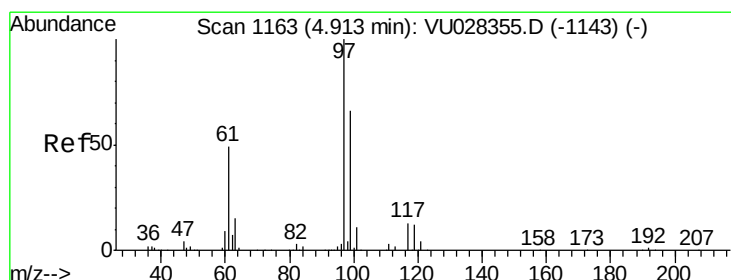
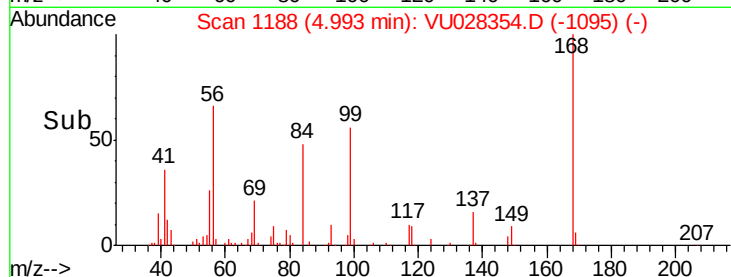
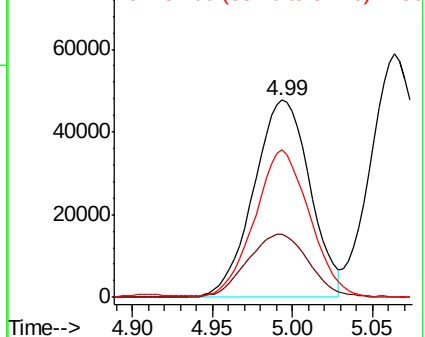
56 100

69 31.9 23.7 35.5

84 74.1 57.3 85.9



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: 19.195 ug/l

RT: 4.91 min Scan# 1162

Delta R.T. -0.00 min

Lab File: VU028354.D

Acq: 28 Nov 2018 09:59

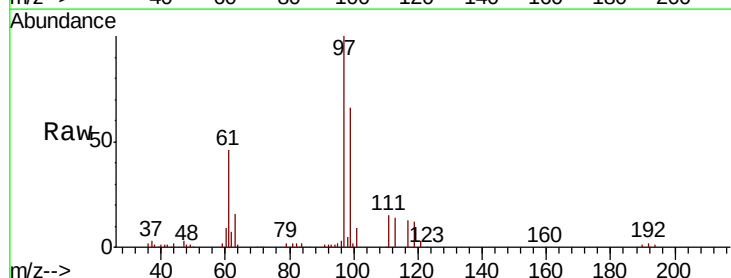
Tgt Ion: 97 Resp: 83672

Ion Ratio Lower Upper

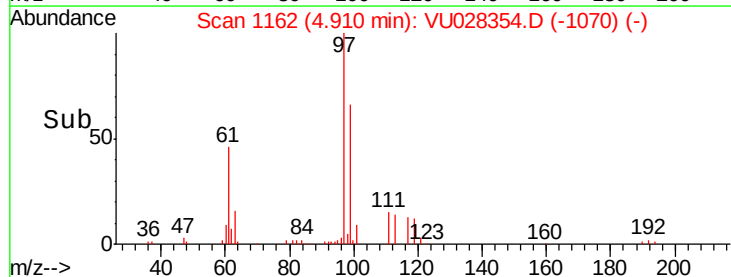
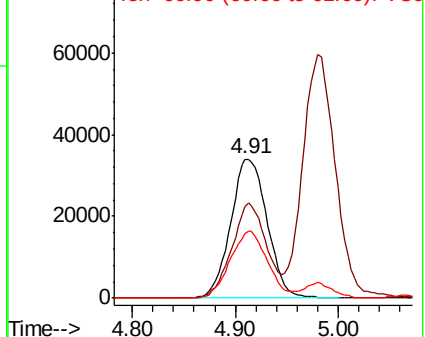
97 100

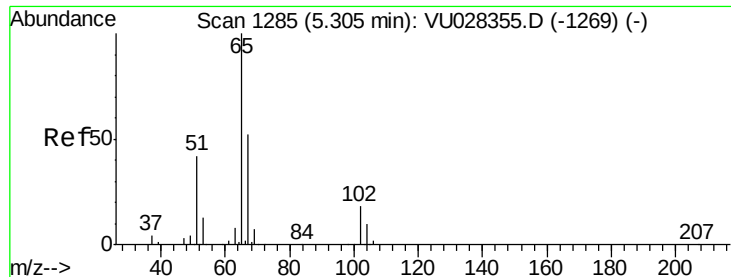
99 64.8 50.8 76.2

61 49.0 39.1 58.7



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

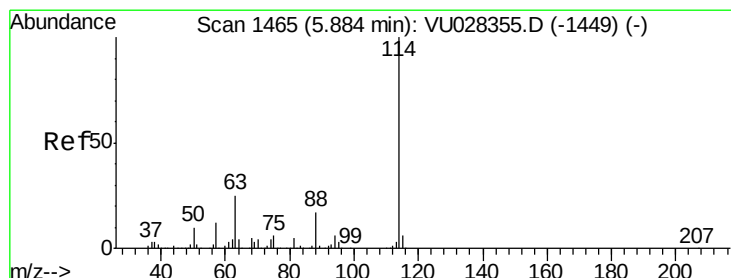
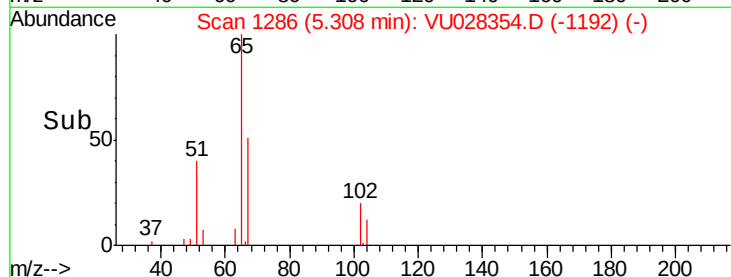
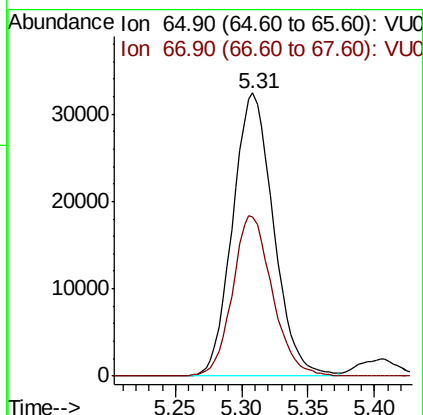
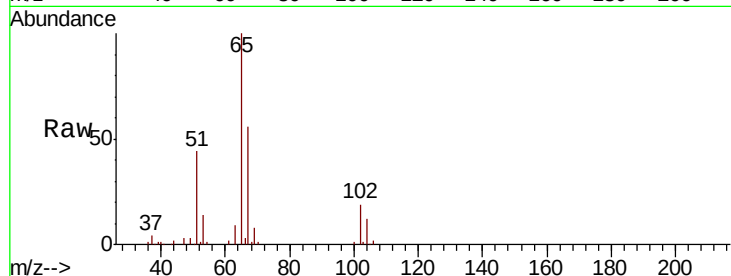




#33
 1,2-Dichloroethane-d4
 Concen: 19.137 ug/l
 RT: 5.31 min Scan# 1286
 Delta R.T. 0.00 min
 Lab File: VU028354.D
 Acq: 28 Nov 2018 09:59

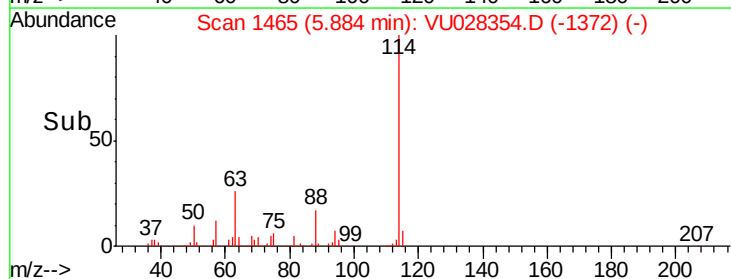
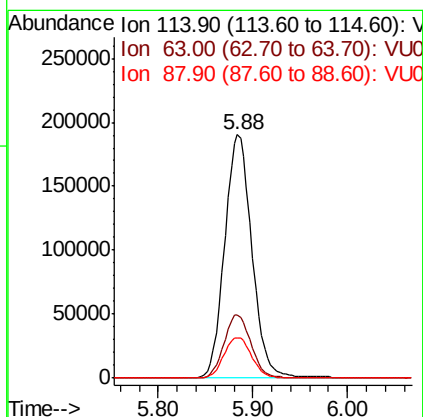
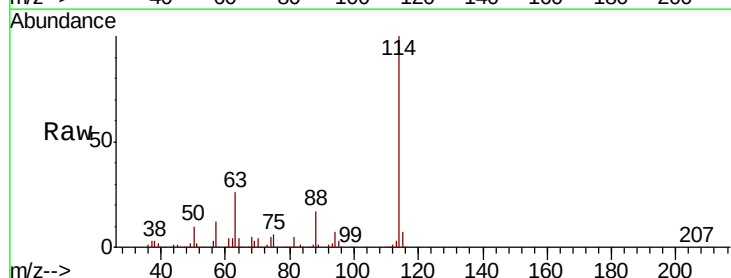
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

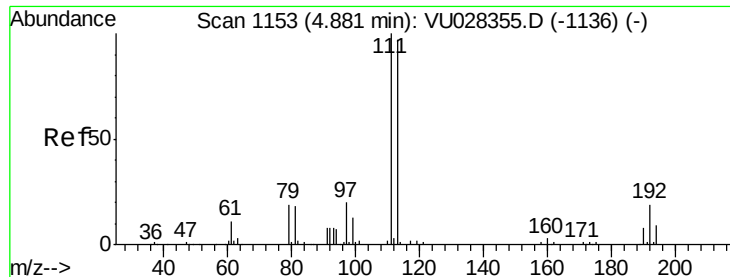
Tgt Ion: 65 Resp: 69478
 Ion Ratio Lower Upper
 65 100
 67 55.0 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.88 min Scan# 1465
 Delta R.T. -0.00 min
 Lab File: VU028354.D
 Acq: 28 Nov 2018 09:59

Tgt Ion: 114 Resp: 381167
 Ion Ratio Lower Upper
 114 100
 63 26.1 0.0 50.0
 88 16.7 0.0 34.4

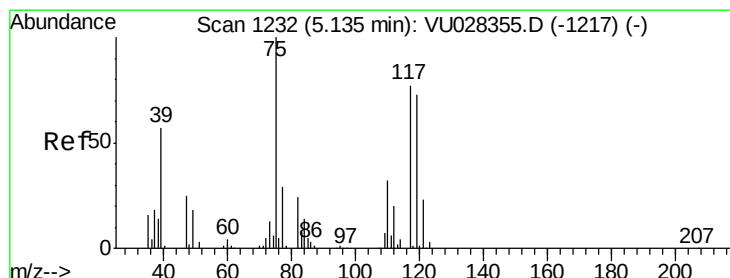
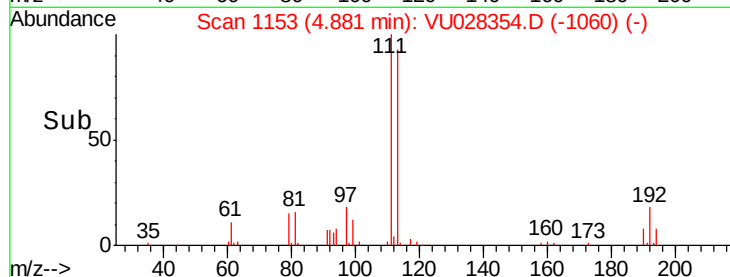
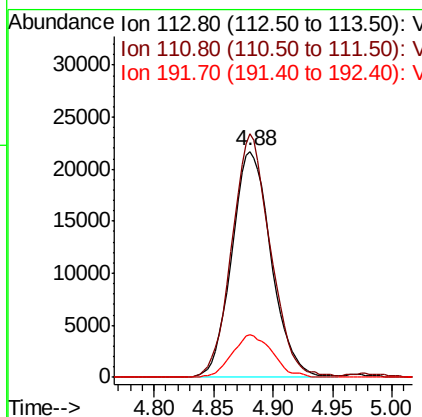
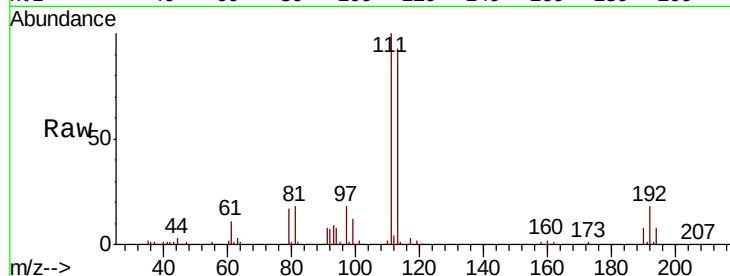




#35
Dibromofluoromethane
Concen: 19.655 ug/l
RT: 4.88 min Scan# 1153
Delta R.T. -0.00 min
Lab File: VU028354.D
Acq: 28 Nov 2018 09:59

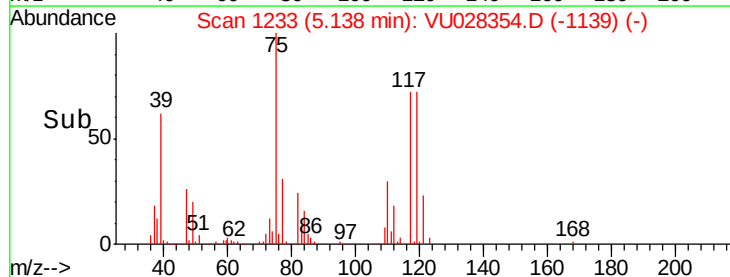
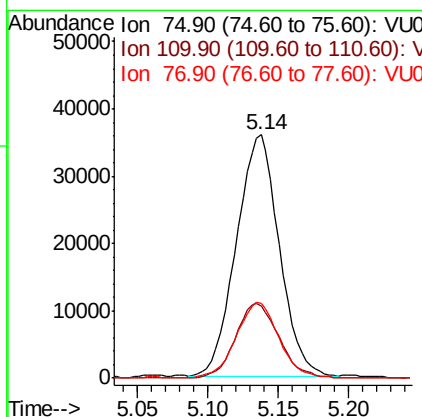
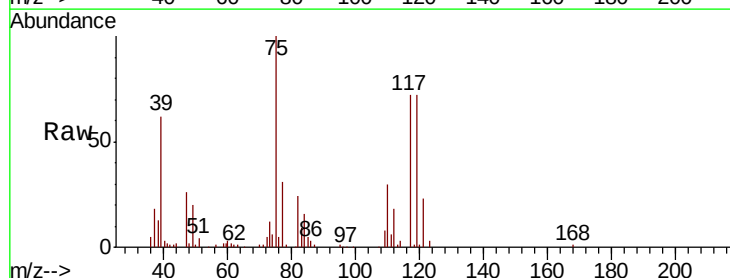
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

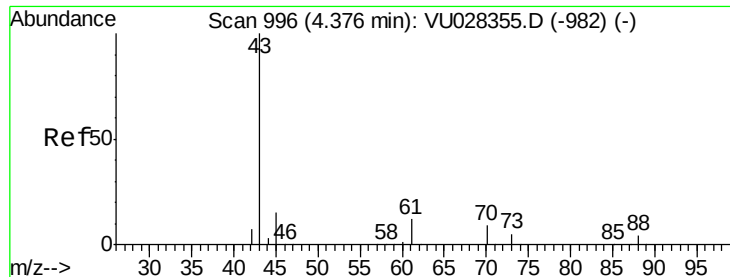
Tgt Ion:113 Resp: 49818
Ion Ratio Lower Upper
113 100
111 105.0 82.9 124.3
192 19.1 15.4 23.0



#36
1,1-Dichloropropene
Concen: 18.238 ug/l
RT: 5.14 min Scan# 1233
Delta R.T. 0.00 min
Lab File: VU028354.D
Acq: 28 Nov 2018 09:59

Tgt Ion: 75 Resp: 76073
Ion Ratio Lower Upper
75 100
110 31.5 15.8 47.4
77 31.5 24.6 36.8

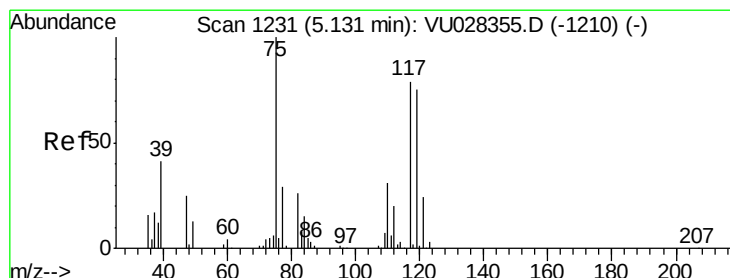
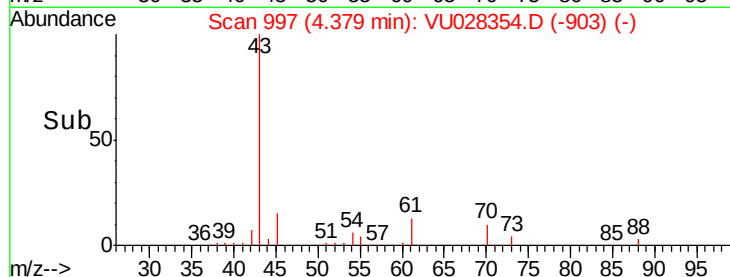
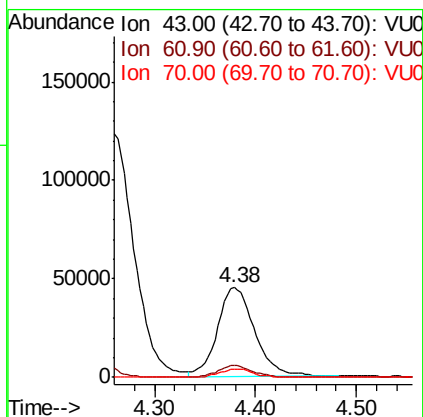
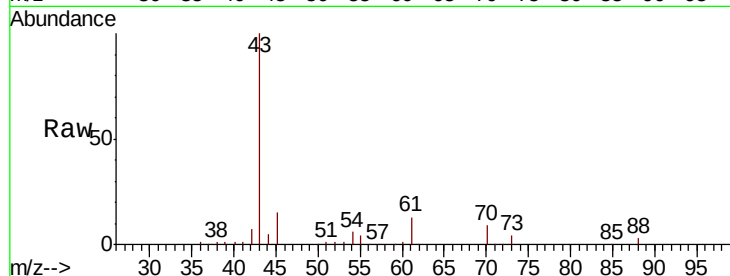




#37
Ethyl Acetate
Concen: 20.333 ug/l
RT: 4.38 min Scan# 997
Delta R.T. 0.00 min
Lab File: VU028354.D
Acq: 28 Nov 2018 09:59

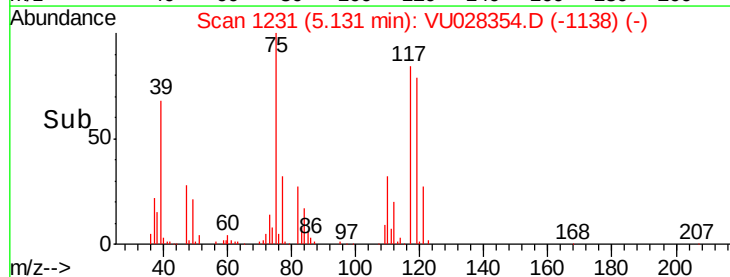
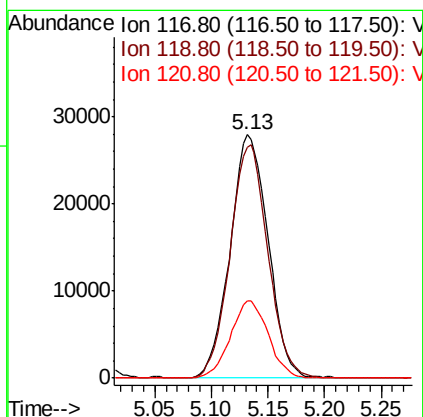
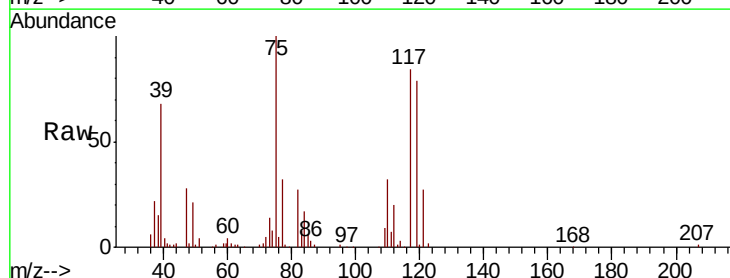
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

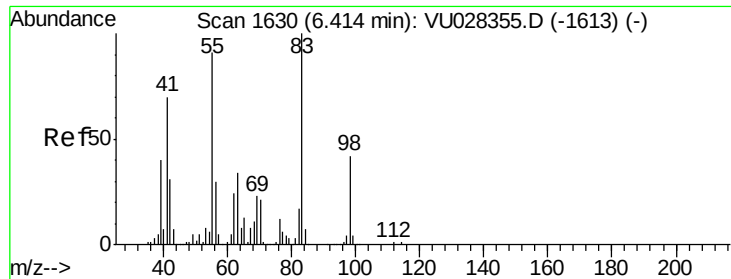
Tgt Ion: 43 Resp: 115577
Ion Ratio Lower Upper
43 100
61 12.8 10.2 15.4
70 8.6 6.9 10.3



#38
Carbon Tetrachloride
Concen: 19.040 ug/l
RT: 5.13 min Scan# 1231
Delta R.T. -0.00 min
Lab File: VU028354.D
Acq: 28 Nov 2018 09:59

Tgt Ion: 117 Resp: 65216
Ion Ratio Lower Upper
117 100
119 95.1 76.3 114.5
121 31.9 24.7 37.1

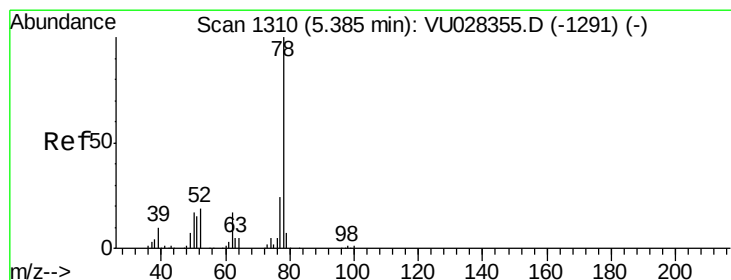
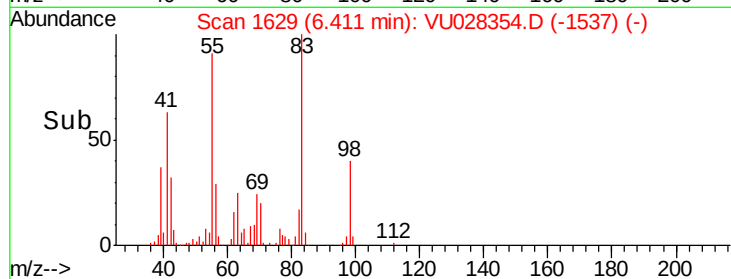
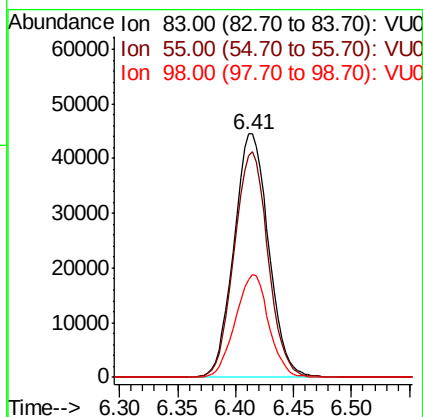
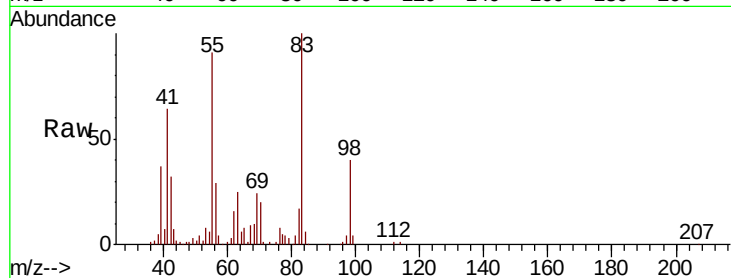




#39
Methylcyclohexane
Concen: 18.779 ug/l
RT: 6.41 min Scan# 1629
Delta R.T. -0.00 min
Lab File: VU028354.D
Acq: 28 Nov 2018 09:59

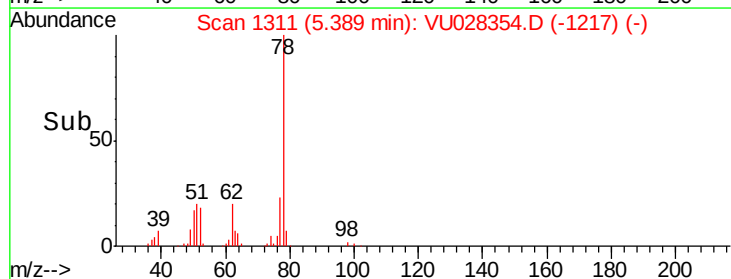
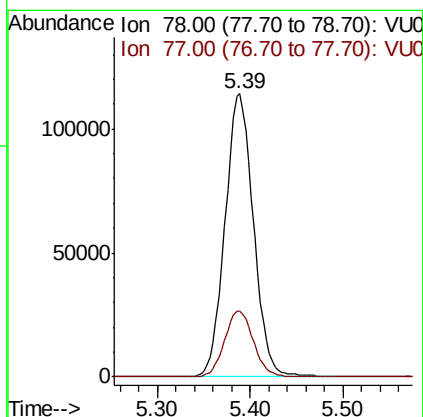
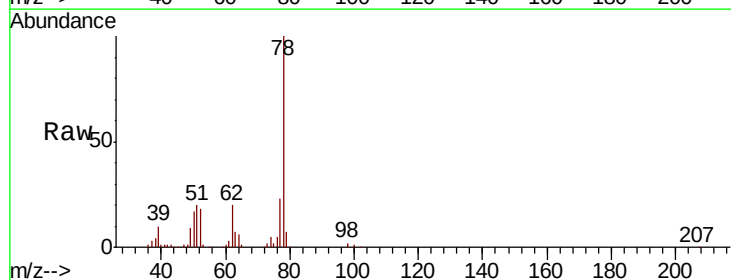
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

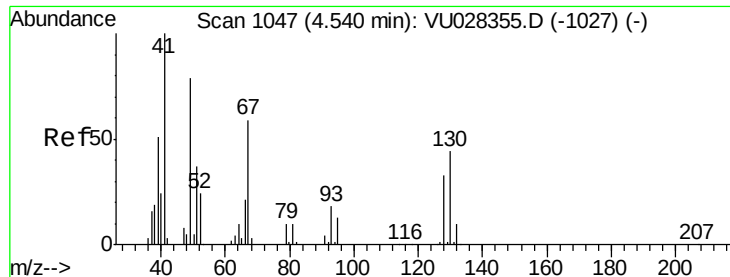
Tgt Ion: 83 Resp: 92351
Ion Ratio Lower Upper
83 100
55 91.2 73.1 109.7
98 40.3 33.9 50.9



#40
Benzene
Concen: 19.664 ug/l
RT: 5.39 min Scan# 1311
Delta R.T. 0.00 min
Lab File: VU028354.D
Acq: 28 Nov 2018 09:59

Tgt Ion: 78 Resp: 242923
Ion Ratio Lower Upper
78 100
77 23.5 19.0 28.6

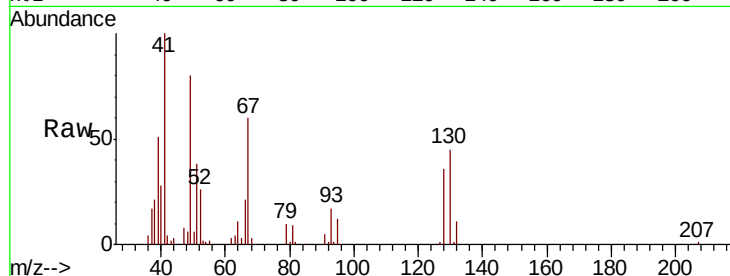




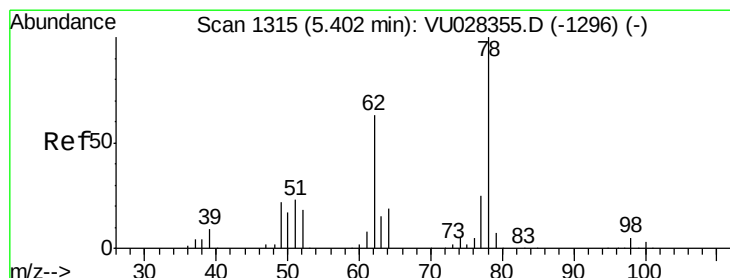
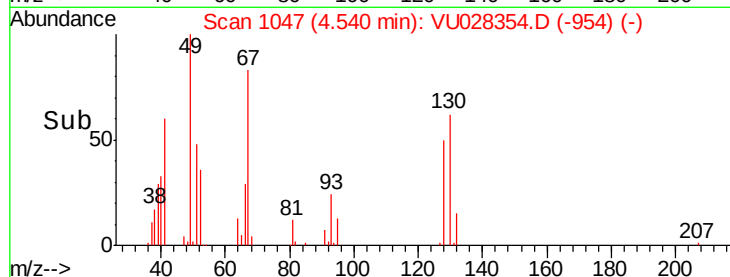
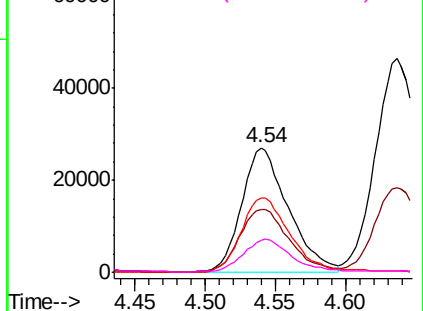
#41
Methacrylonitrile
Concen: 19.863 ug/l
RT: 4.54 min Scan# 1047
Delta R.T. -0.00 min
Lab File: VU028354.D
Acq: 28 Nov 2018 09:59

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

Tgt Ion:	41	Resp:	62700
Ion	Ratio	Lower	Upper
41	100		
39	54.0	41.3	61.9
67	61.6	48.6	73.0
52	28.1	19.4	29.0

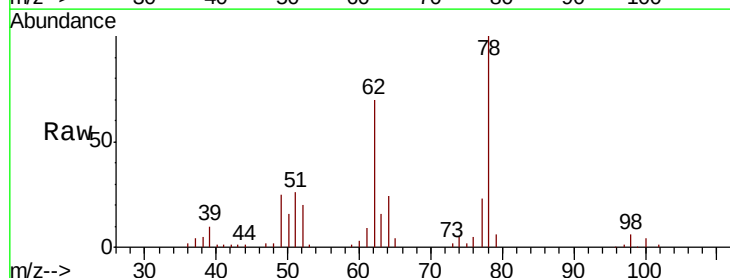


Abundance Ion 41.00 (40.70 to 41.70): VU0
Ion 39.00 (38.70 to 39.70): VU0
Ion 67.00 (66.70 to 67.70): VU0
Ion 52.00 (51.70 to 52.70): VU0

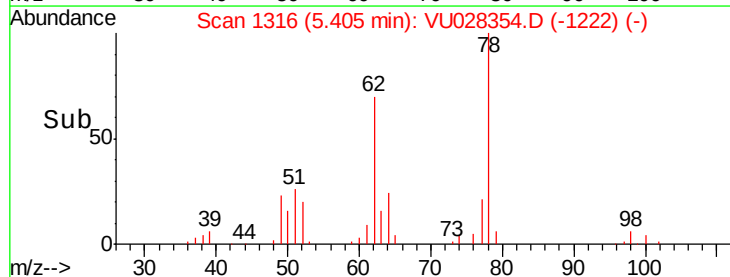
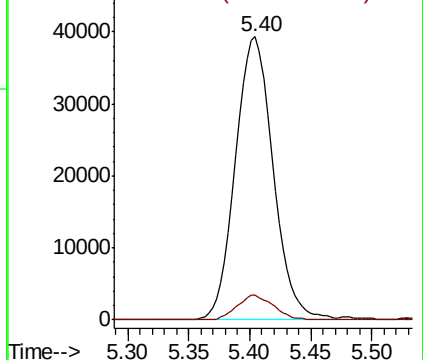


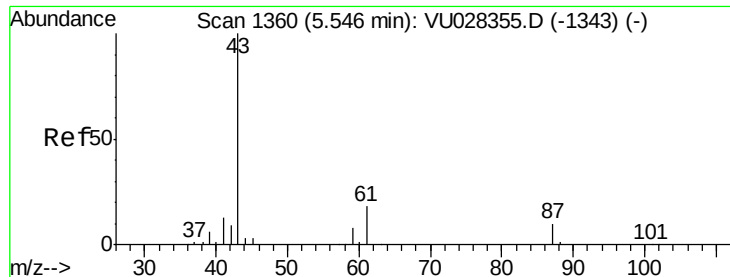
#42
1,2-Dichloroethane
Concen: 18.959 ug/l
RT: 5.40 min Scan# 1316
Delta R.T. 0.00 min
Lab File: VU028354.D
Acq: 28 Nov 2018 09:59

Tgt Ion:	62	Resp:	84374
Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	15.4



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





#43

Isopropyl Acetate

Concen: 19.411 ug/l

RT: 5.55 min Scan# 1360

Delta R.T. -0.00 min

Lab File: VU028354.D

Acq: 28 Nov 2018 09:59

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC020

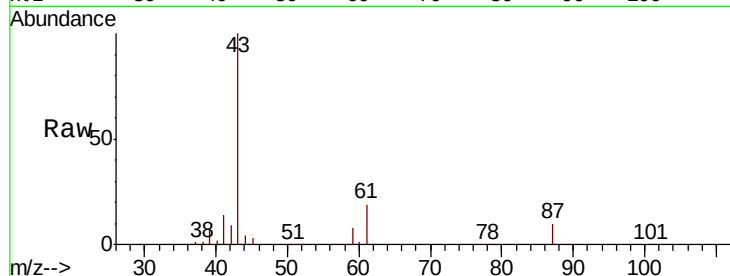
Tgt Ion: 43 Resp: 174842

Ion Ratio Lower Upper

43 100

61 18.9 14.5 21.7

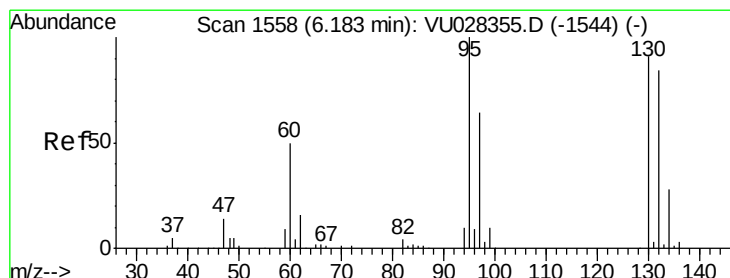
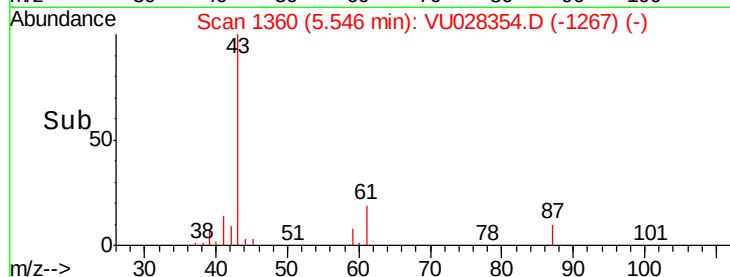
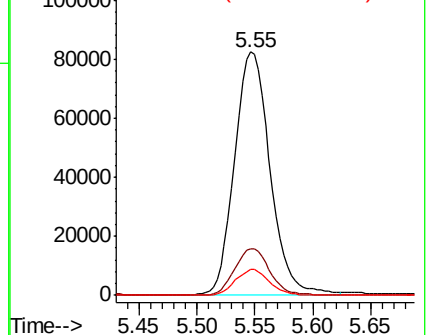
87 10.2 8.4 12.6



Abundance Ion 43.00 (42.70 to 43.70): VU028355.D (-1343) (-)

Ion 61.00 (60.70 to 61.70): VU028355.D (-1343) (-)

Ion 87.00 (86.70 to 87.70): VU028355.D (-1343) (-)



#44

Trichloroethene

Concen: 18.753 ug/l

RT: 6.19 min Scan# 1559

Delta R.T. 0.00 min

Lab File: VU028354.D

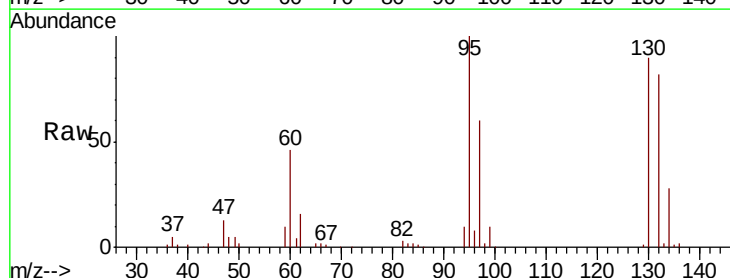
Acq: 28 Nov 2018 09:59

Tgt Ion: 130 Resp: 49658

Ion Ratio Lower Upper

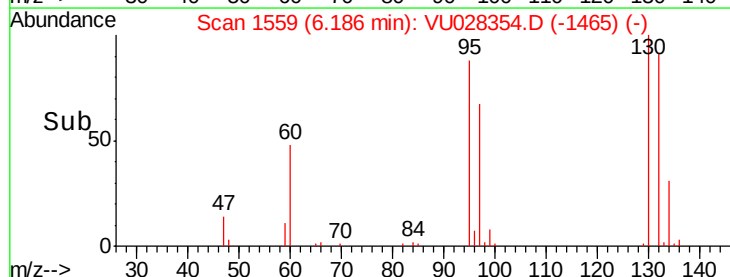
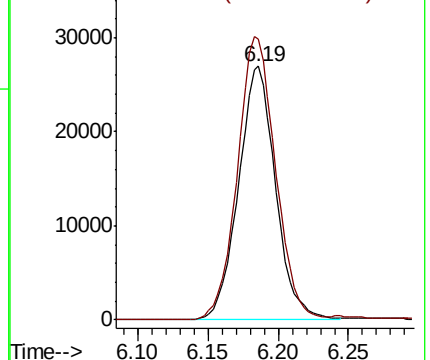
130 100

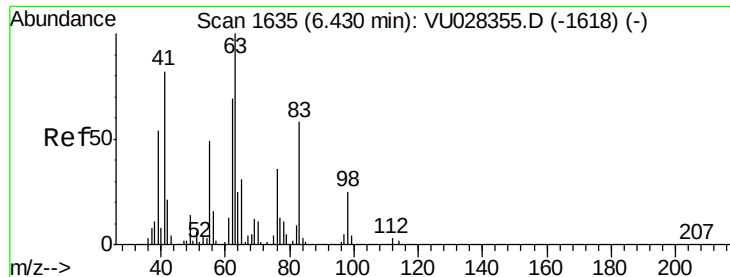
95 110.9 0.0 219.8



Abundance Ion 129.80 (129.50 to 130.50): VU028355.D (-1544) (-)

Ion 94.90 (94.60 to 95.60): VU028355.D (-1544) (-)





#45

1,2-Dichloropropane

Concen: 19.892 ug/l

RT: 6.43 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VU028354.D

Acq: 28 Nov 2018 09:59

Instrument :

MSVOA_U

ClientSampleId :

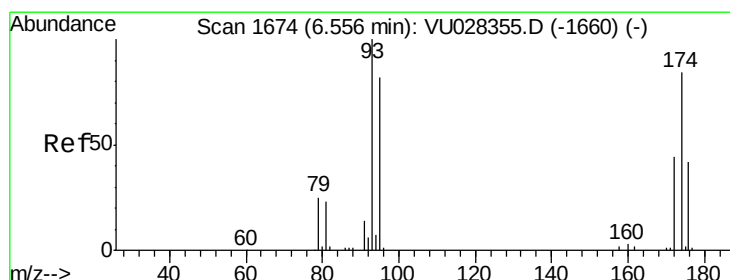
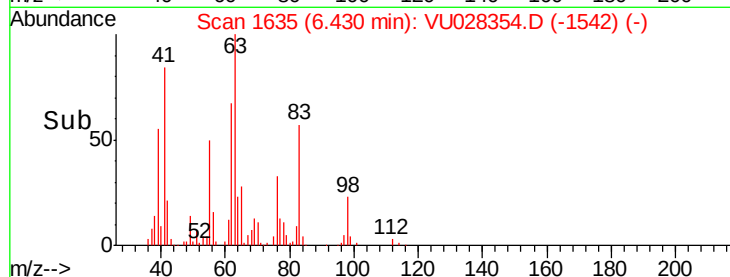
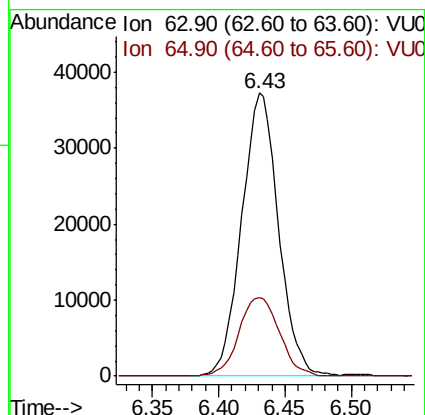
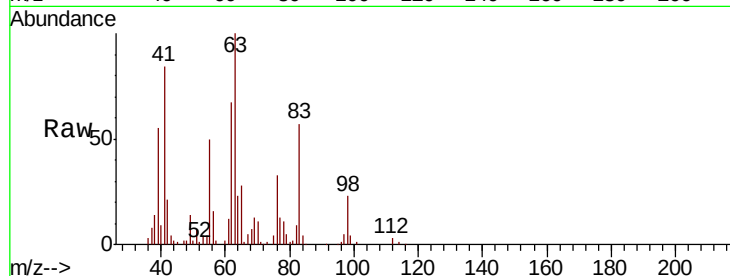
VSTDIC020

Tgt Ion: 63 Resp: 71964

Ion Ratio Lower Upper

63 100

65 27.7 25.1 37.7



#46

Dibromomethane

Concen: 19.622 ug/l

RT: 6.56 min Scan# 1675

Delta R.T. 0.00 min

Lab File: VU028354.D

Acq: 28 Nov 2018 09:59

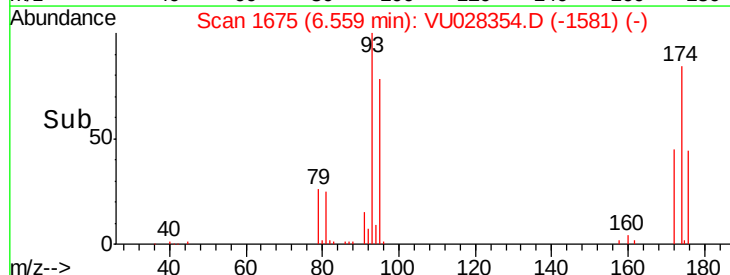
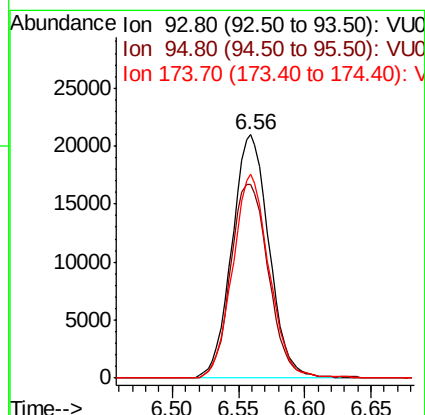
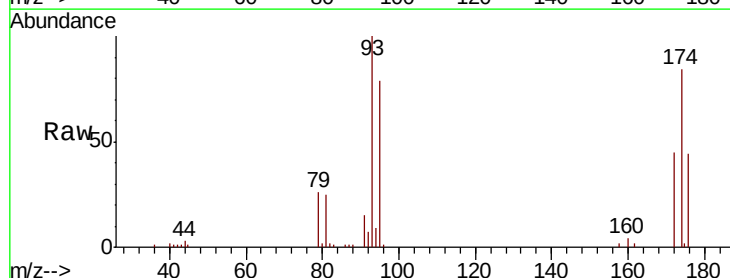
Tgt Ion: 93 Resp: 40774

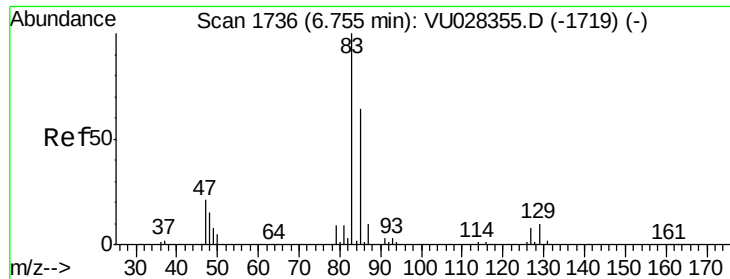
Ion Ratio Lower Upper

93 100

95 81.4 65.1 97.7

174 82.1 69.9 104.9

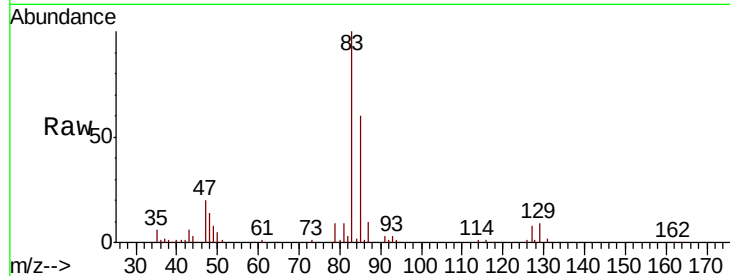




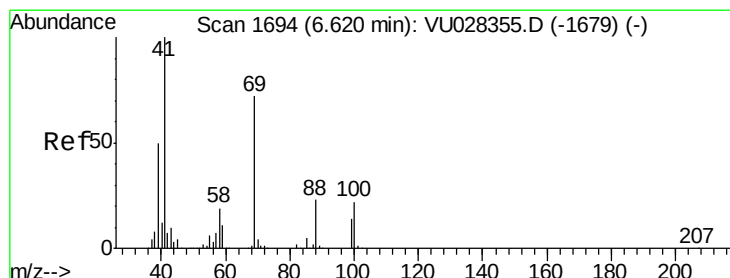
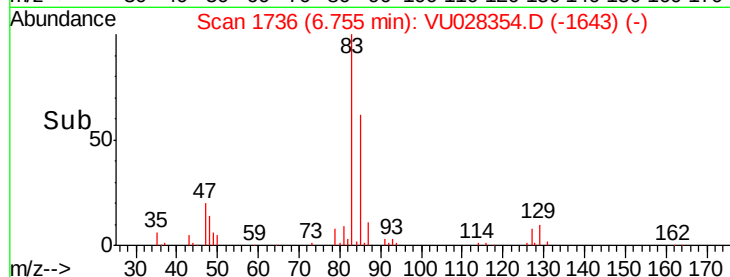
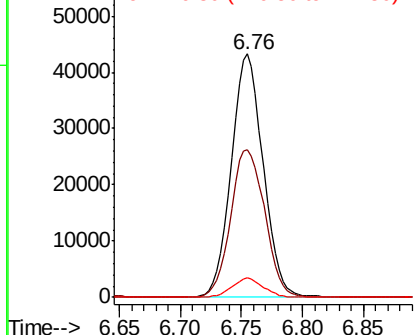
#47
 Bromodichloromethane
 Concen: 19.043 ug/l
 RT: 6.76 min Scan# 1736
 Delta R.T. -0.00 min
 Lab File: VU028354.D
 Acq: 28 Nov 2018 09:59

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

Tgt Ion: 83 Resp: 78710
 Ion Ratio Lower Upper
 83 100
 85 60.4 50.9 76.3
 127 8.0 6.2 9.4

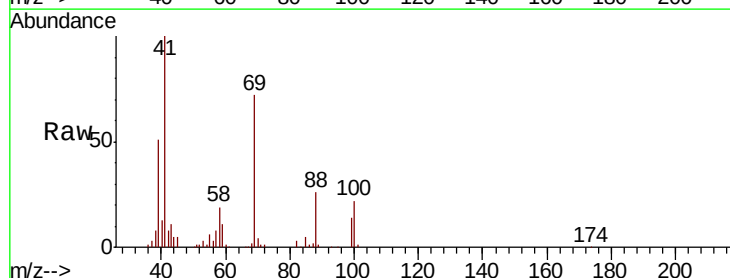


Abundance Ion 82.90 (82.60 to 83.60): VU0
 Ion 84.90 (84.60 to 85.60): VU0
 Ion 126.80 (126.50 to 127.50): V

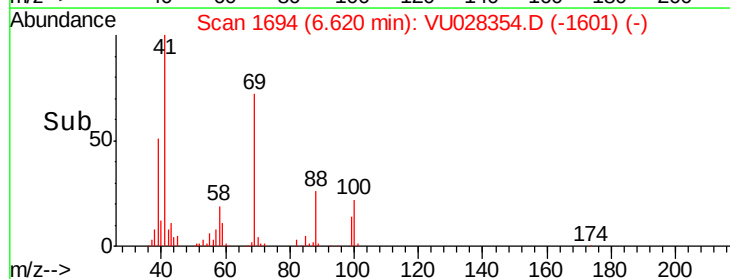
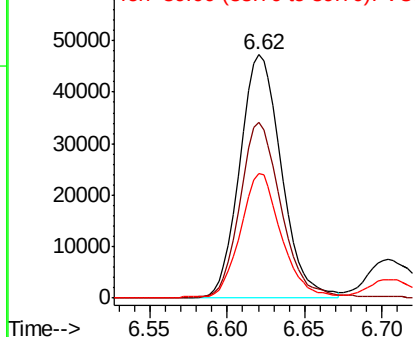


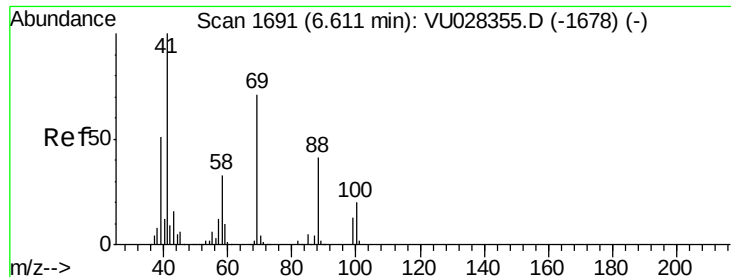
#48
 Methyl methacrylate
 Concen: 18.723 ug/l
 RT: 6.62 min Scan# 1694
 Delta R.T. -0.00 min
 Lab File: VU028354.D
 Acq: 28 Nov 2018 09:59

Tgt Ion: 41 Resp: 87848
 Ion Ratio Lower Upper
 41 100
 69 72.5 59.0 88.4
 39 51.0 40.5 60.7



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





#49

1,4-Dioxane

Concen: 383.492 ug/l

RT: 6.61 min Scan# 1691

Delta R.T. -0.00 min

Lab File: VU028354.D

Acq: 28 Nov 2018 09:59

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC020

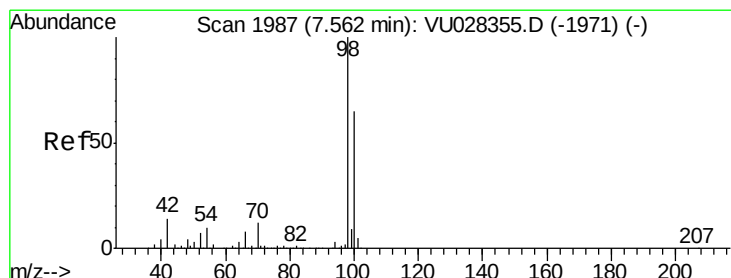
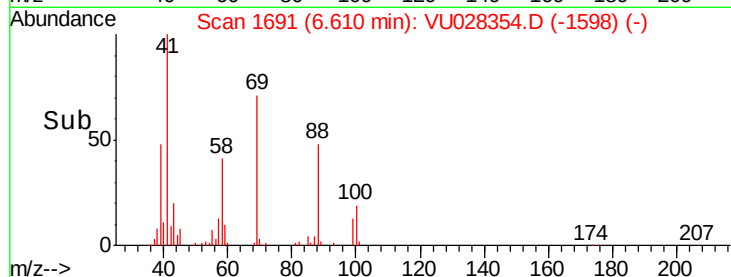
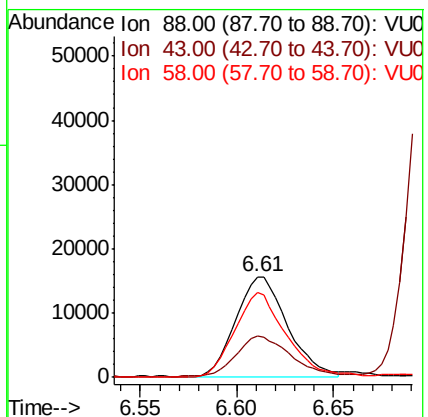
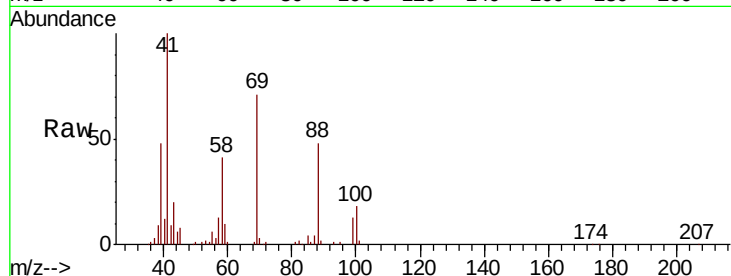
Tgt Ion: 88 Resp: 28745

Ion Ratio Lower Upper

88 100

43 45.0 32.6 48.8

58 85.1 68.7 103.1



#50

Toluene-d8

Concen: 19.353 ug/l

RT: 7.56 min Scan# 1987

Delta R.T. -0.00 min

Lab File: VU028354.D

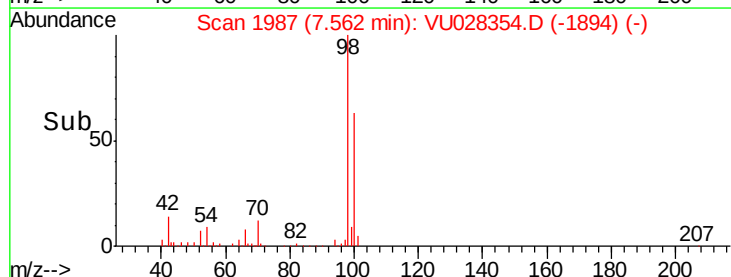
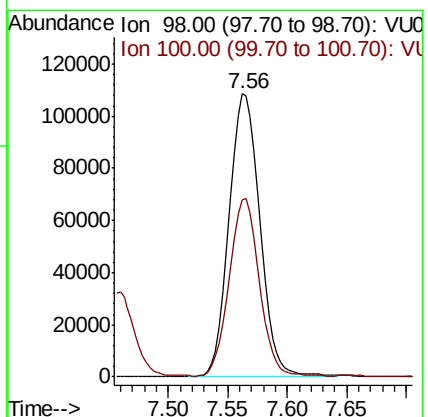
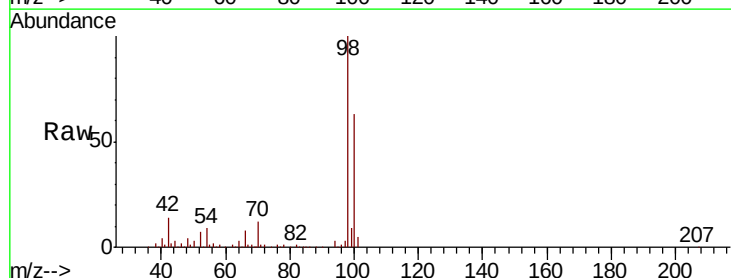
Acq: 28 Nov 2018 09:59

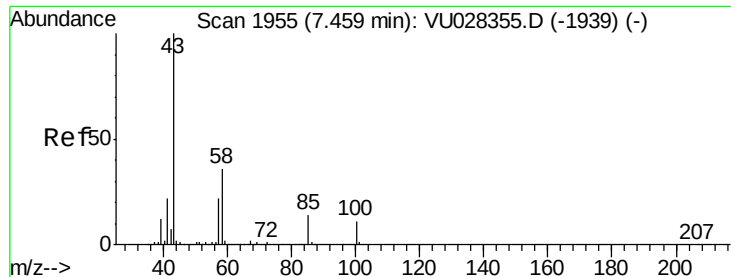
Tgt Ion: 98 Resp: 196174

Ion Ratio Lower Upper

98 100

100 60.8 50.8 76.2

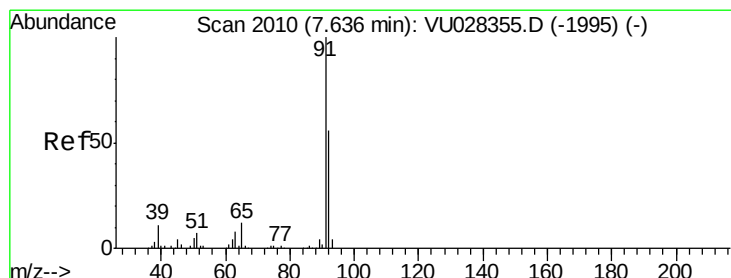
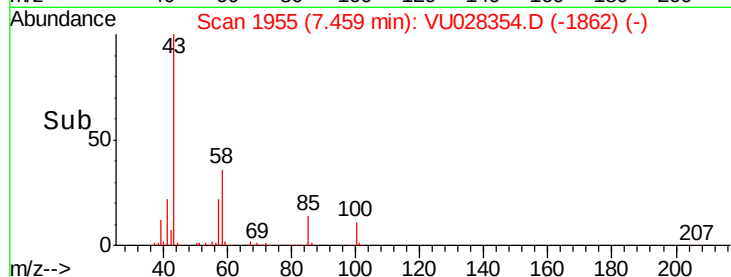
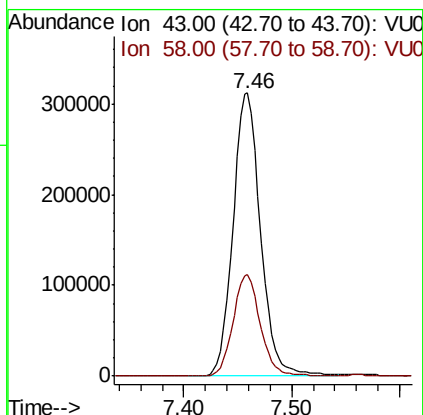
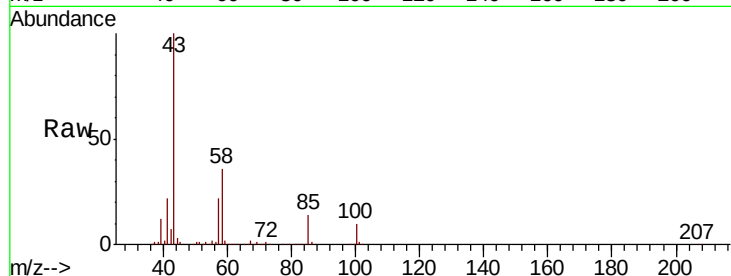




#51
 4-Methyl-2-Pentanone
 Concen: 96.326 ug/l
 RT: 7.46 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VU028354.D
 Acq: 28 Nov 2018 09:59

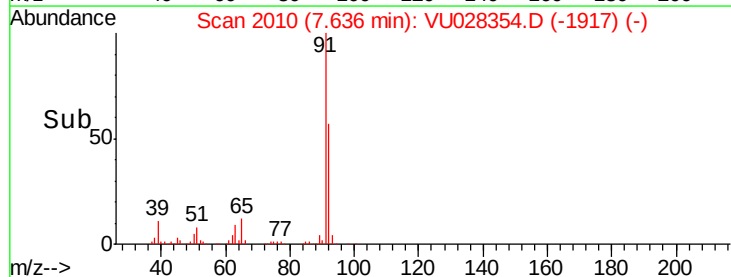
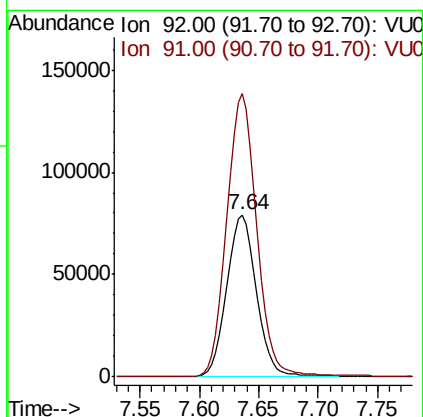
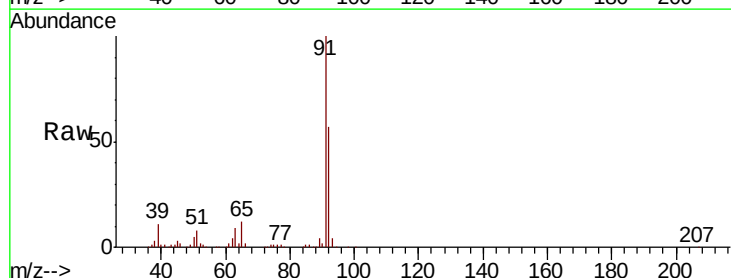
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

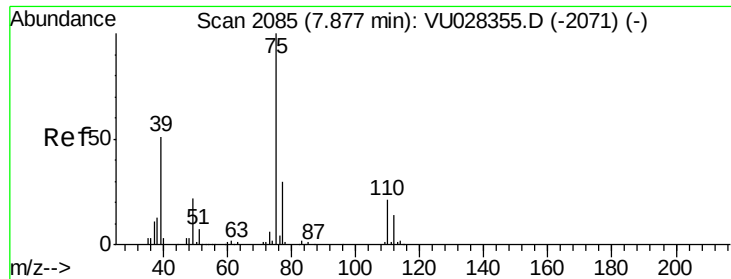
Tgt Ion: 43 Resp: 554158
 Ion Ratio Lower Upper
 43 100
 58 35.8 28.8 43.2



#52
 Toluene
 Concen: 19.355 ug/l
 RT: 7.64 min Scan# 2010
 Delta R.T. -0.00 min
 Lab File: VU028354.D
 Acq: 28 Nov 2018 09:59

Tgt Ion: 92 Resp: 137687
 Ion Ratio Lower Upper
 92 100
 91 176.0 141.8 212.6





#53

t-1,3-Dichloropropene

Concen: 19.020 ug/l

RT: 7.88 min Scan# 2085

Delta R.T. -0.00 min

Lab File: VU028354.D

Acq: 28 Nov 2018 09:59

Instrument :

MSVOA_U

ClientSampleId :

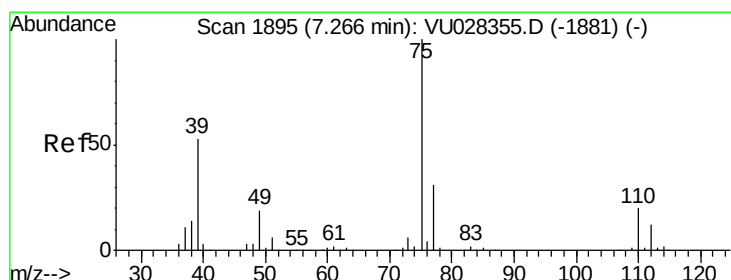
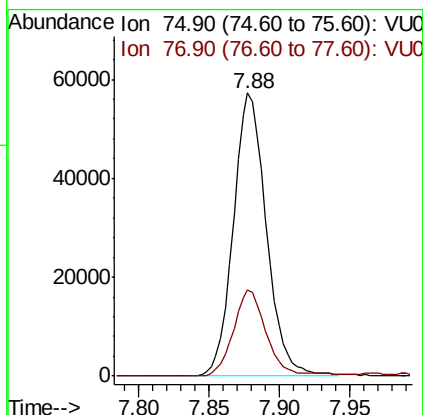
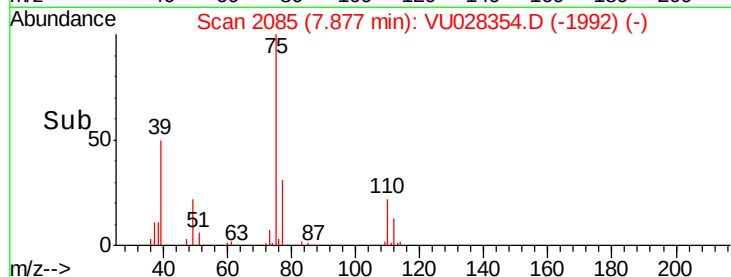
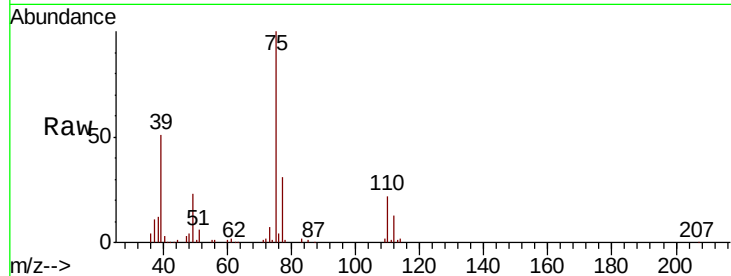
VSTDIC020

Tgt Ion: 75 Resp: 94002

Ion Ratio Lower Upper

75 100

77 30.6 24.1 36.1



#54

cis-1,3-Dichloropropene

Concen: 18.448 ug/l

RT: 7.27 min Scan# 1895

Delta R.T. -0.00 min

Lab File: VU028354.D

Acq: 28 Nov 2018 09:59

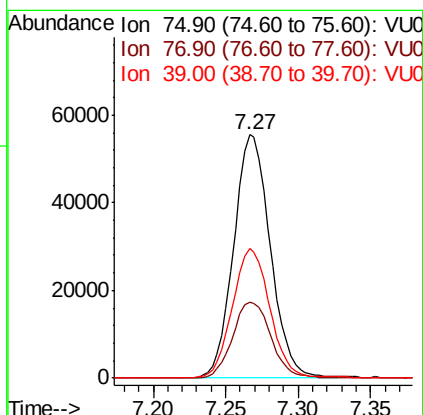
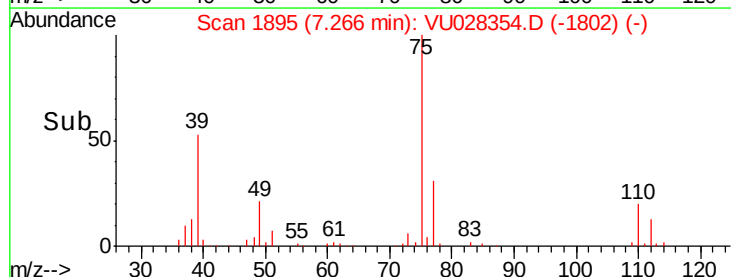
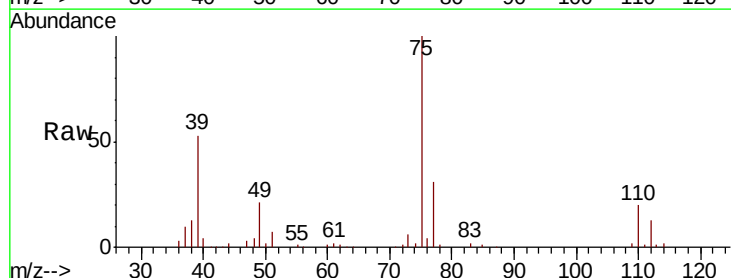
Tgt Ion: 75 Resp: 97678

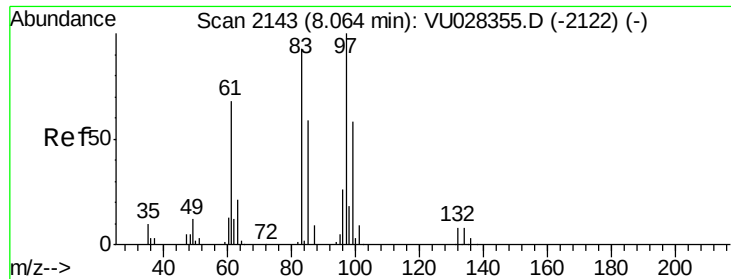
Ion Ratio Lower Upper

75 100

77 31.2 24.9 37.3

39 52.7 42.6 64.0

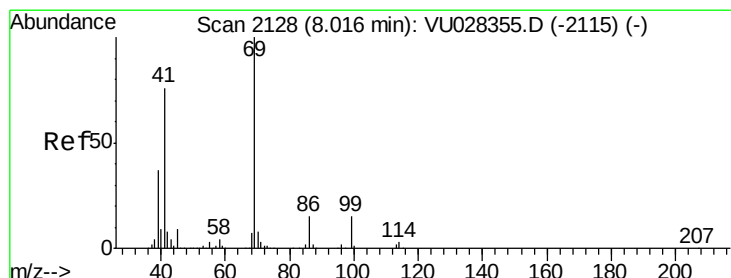
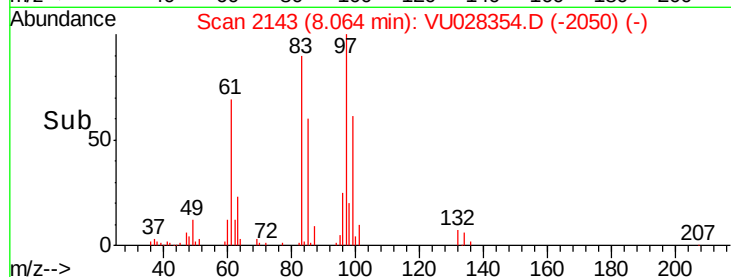
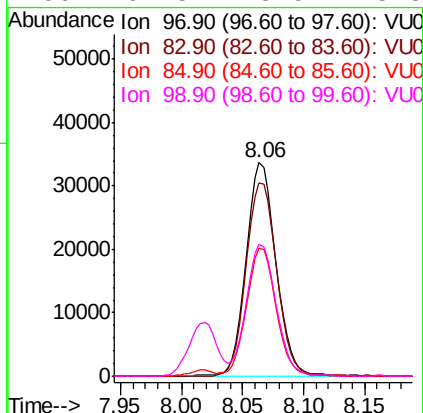
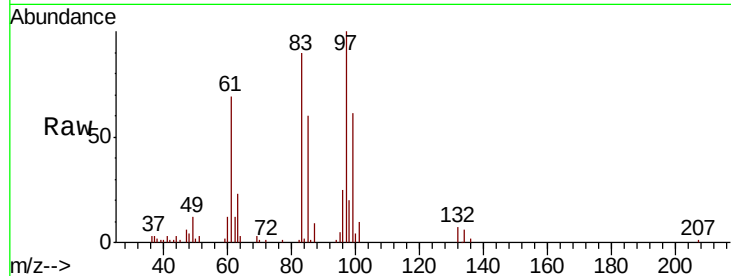




#55
 1,1,2-Trichloroethane
 Concen: 19.000 ug/l
 RT: 8.06 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VU028354.D
 Acq: 28 Nov 2018 09:59

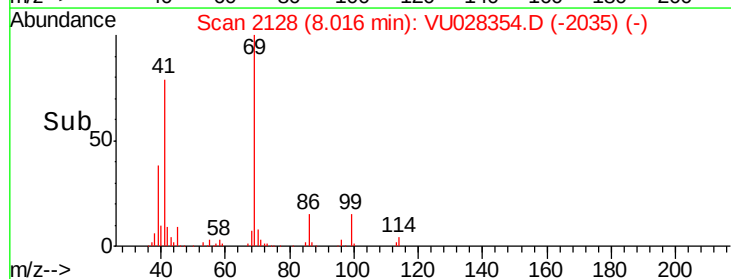
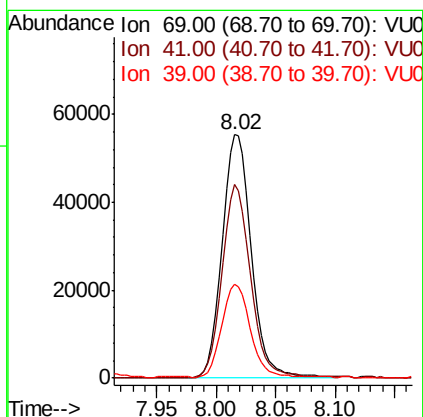
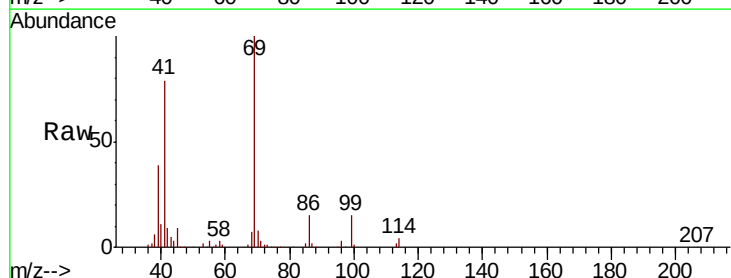
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

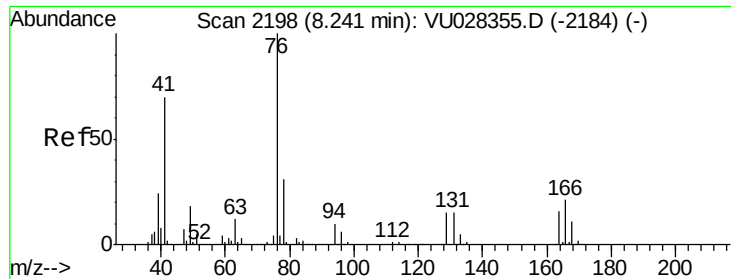
Tgt Ion:	97	Resp:	56254
Ion	Ratio	Lower	Upper
97	100		
83	90.3	74.3	111.5
85	59.6	47.2	70.8
99	61.5	48.9	73.3



#56
 Ethyl methacrylate
 Concen: 18.729 ug/l
 RT: 8.02 min Scan# 2128
 Delta R.T. -0.00 min
 Lab File: VU028354.D
 Acq: 28 Nov 2018 09:59

Tgt Ion:	69	Resp:	94336
Ion	Ratio	Lower	Upper
69	100		
41	77.8	60.0	90.0
39	37.0	29.0	43.6

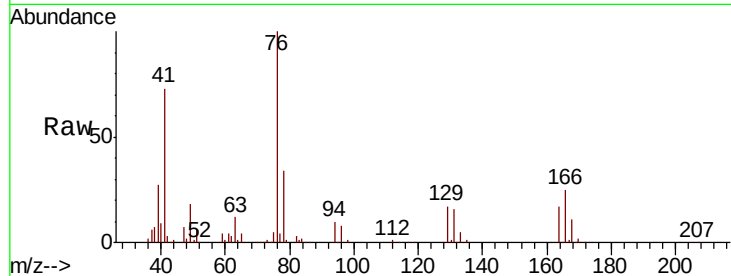




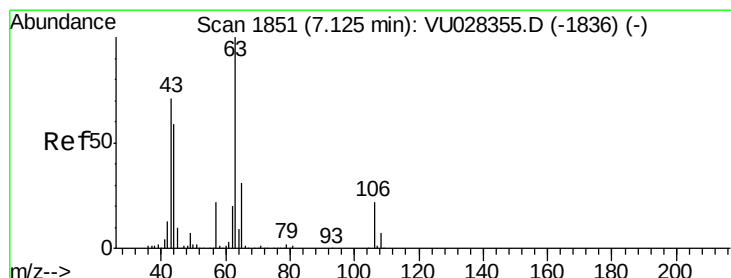
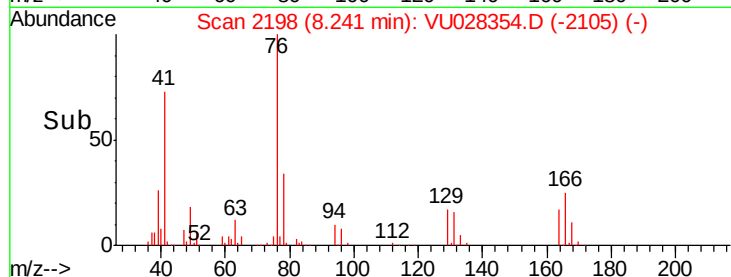
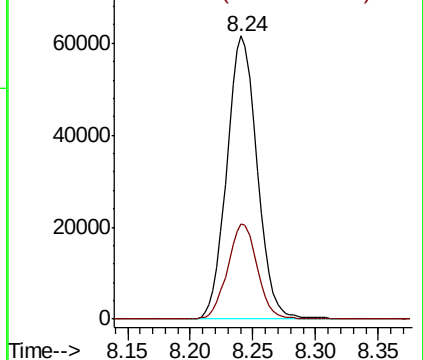
#57
 1,3-Dichloropropane
 Concen: 19.013 ug/l
 RT: 8.24 min Scan# 2198
 Delta R.T. -0.00 min
 Lab File: VU028354.D
 Acq: 28 Nov 2018 09:59

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

Tgt Ion: 76 Resp: 103228
 Ion Ratio Lower Upper
 76 100
 78 32.8 25.4 38.0

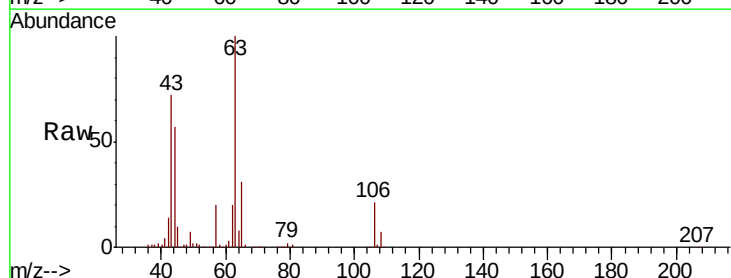


Abundance Ion 75.90 (75.60 to 76.60): VU0
 Ion 77.90 (77.60 to 78.60): VU0

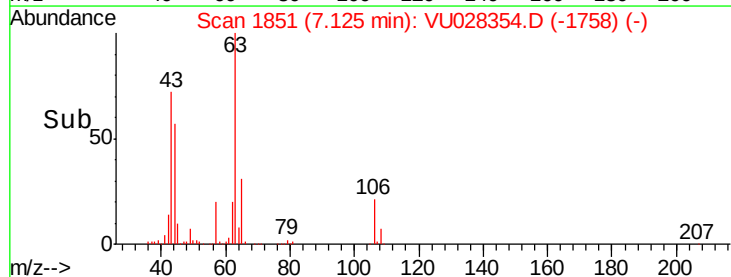
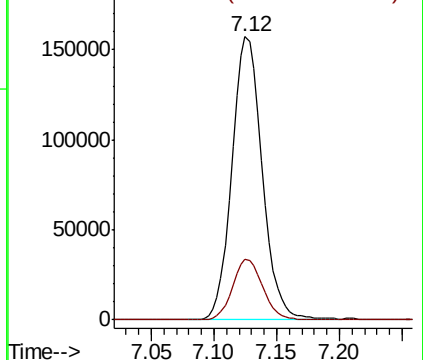


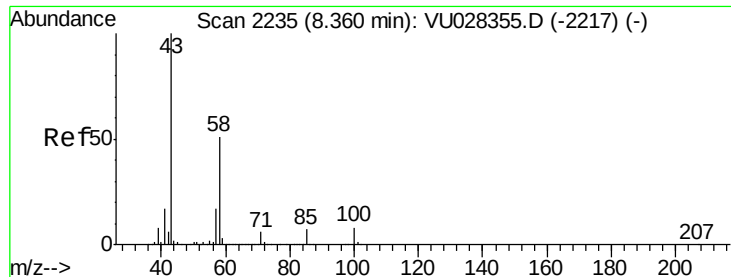
#58
 2-Chloroethyl Vinyl ether
 Concen: 97.655 ug/l
 RT: 7.12 min Scan# 1851
 Delta R.T. -0.00 min
 Lab File: VU028354.D
 Acq: 28 Nov 2018 09:59

Tgt Ion: 63 Resp: 264077
 Ion Ratio Lower Upper
 63 100
 106 21.4 17.3 25.9



Abundance Ion 62.90 (62.60 to 63.60): VU0
 Ion 105.90 (105.60 to 106.60): V

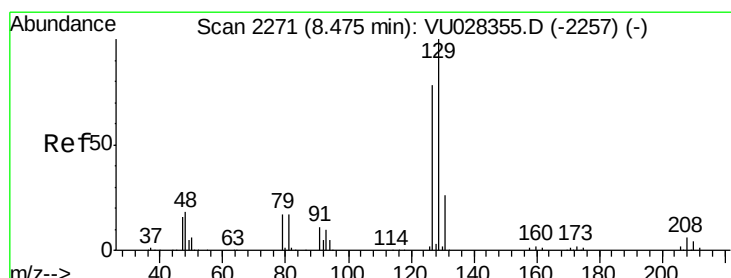
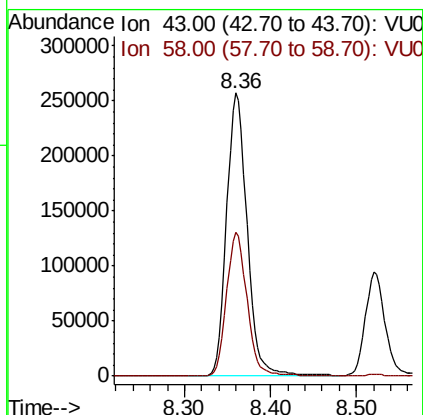
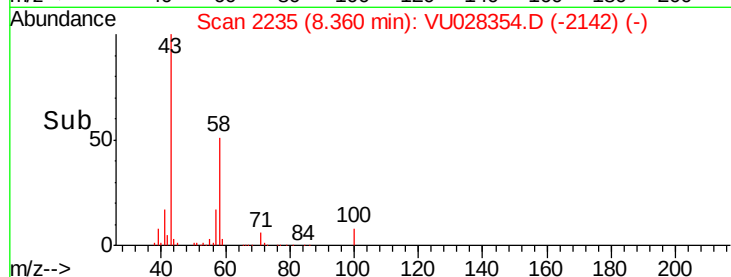
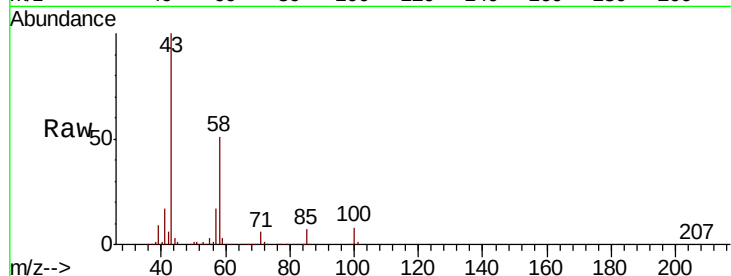




#59
2-Hexanone
Concen: 96.049 ug/l
RT: 8.36 min Scan# 2235
Delta R.T. -0.00 min
Lab File: VU028354.D
Acq: 28 Nov 2018 09:59

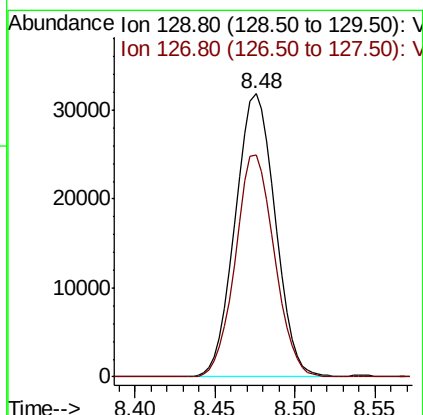
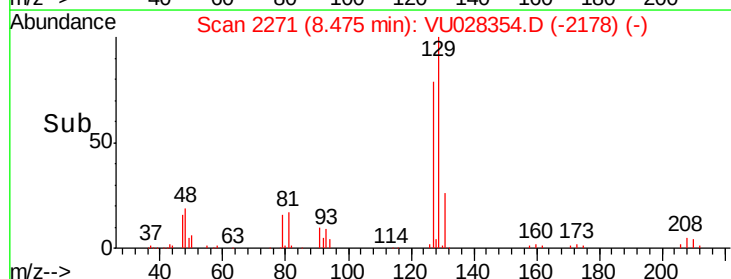
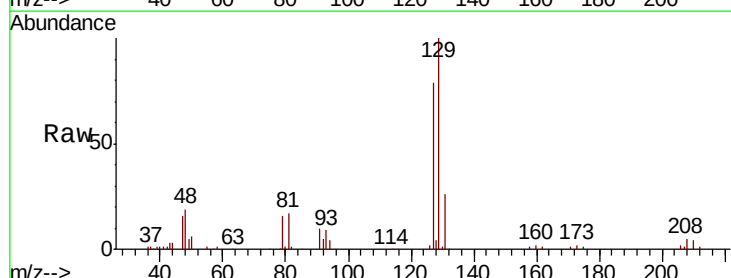
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

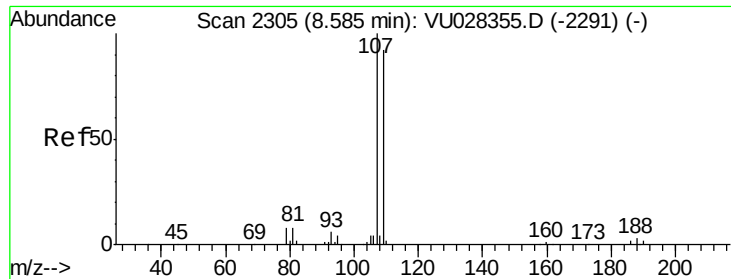
Tgt Ion: 43 Resp: 428016
Ion Ratio Lower Upper
43 100
58 51.0 25.5 76.5



#60
Dibromochloromethane
Concen: 19.279 ug/l
RT: 8.48 min Scan# 2271
Delta R.T. -0.00 min
Lab File: VU028354.D
Acq: 28 Nov 2018 09:59

Tgt Ion: 129 Resp: 54286
Ion Ratio Lower Upper
129 100
127 76.4 38.9 116.7

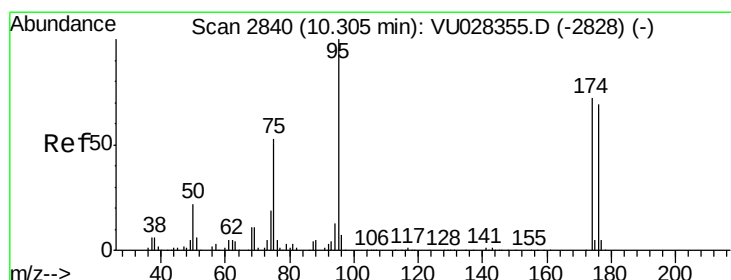
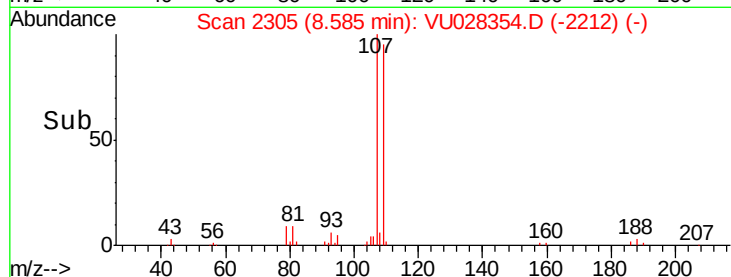
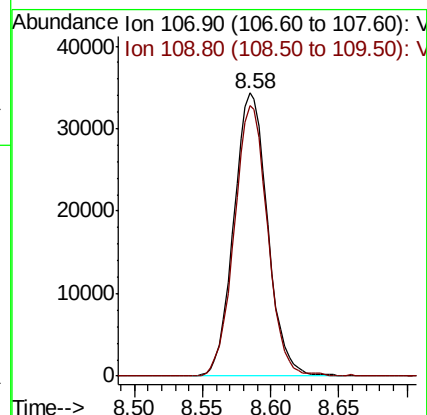
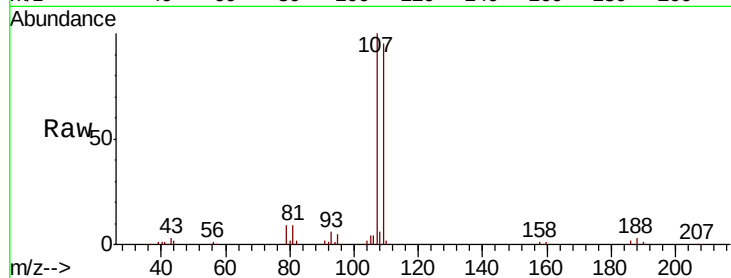




#61
 1,2-Dibromoethane
 Concen: 19.464 ug/l
 RT: 8.58 min Scan# 2305
 Delta R.T. -0.00 min
 Lab File: VU028354.D
 Acq: 28 Nov 2018 09:59

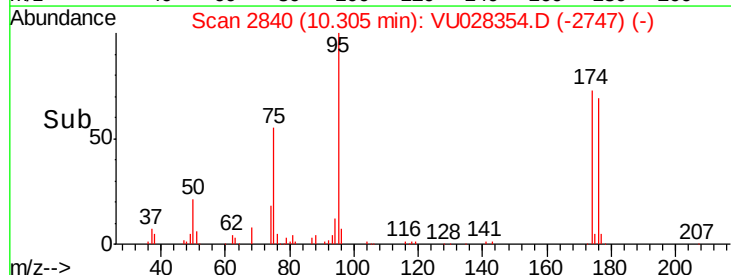
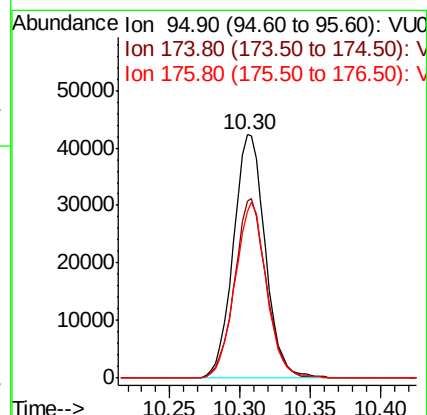
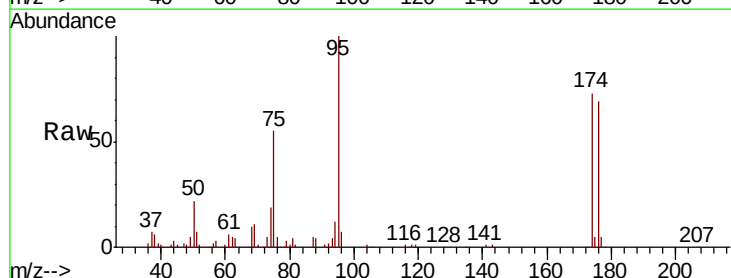
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

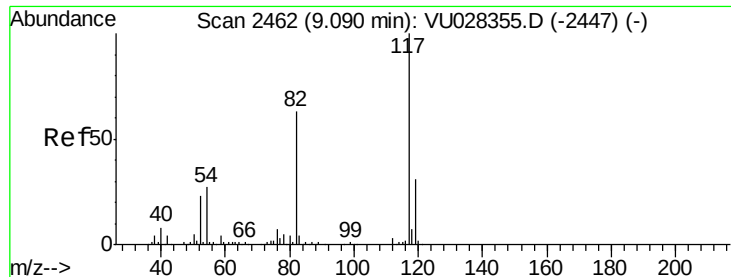
Tgt Ion: 107 Resp: 59022
 Ion Ratio Lower Upper
 107 100
 109 93.6 73.2 109.8



#62
 4-Bromofluorobenzene
 Concen: 18.346 ug/l
 RT: 10.30 min Scan# 2840
 Delta R.T. -0.00 min
 Lab File: VU028354.D
 Acq: 28 Nov 2018 09:59

Tgt Ion: 95 Resp: 67028
 Ion Ratio Lower Upper
 95 100
 174 73.0 0.0 145.4
 176 71.2 0.0 140.8

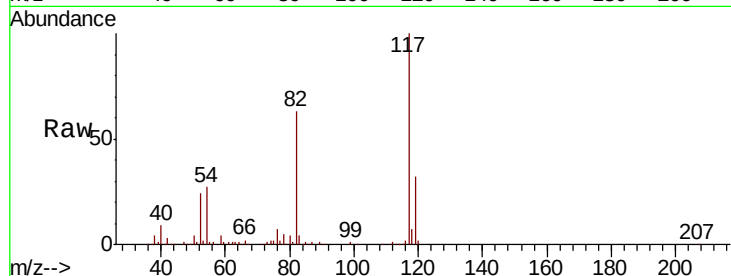




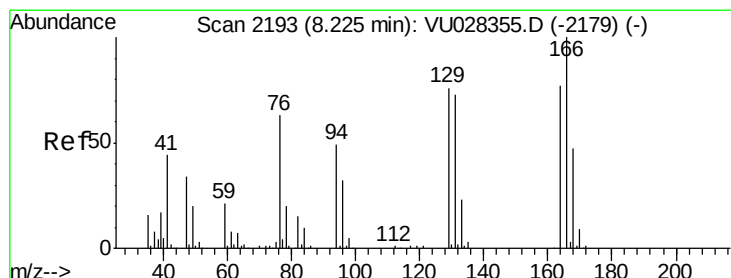
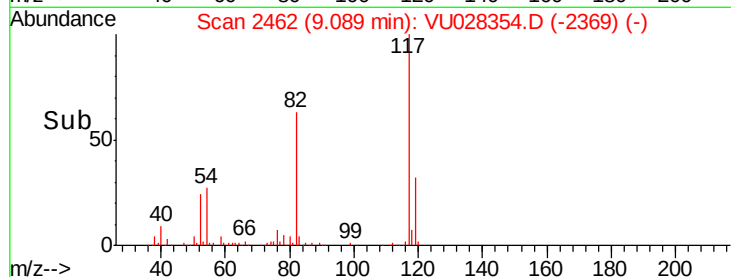
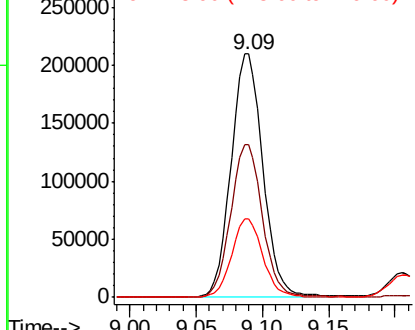
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU028354.D
Acq: 28 Nov 2018 09:59

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

Tgt Ion:117 Resp: 350472
Ion Ratio Lower Upper
117 100
82 63.0 50.3 75.5
119 32.4 24.8 37.2

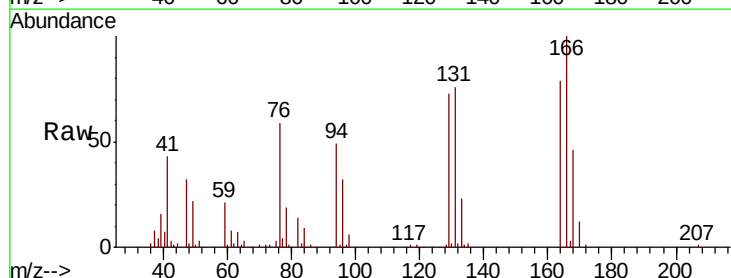


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

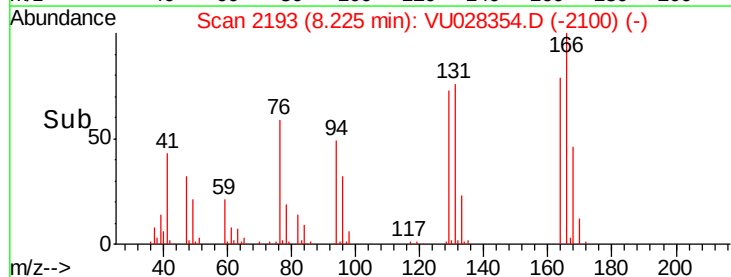
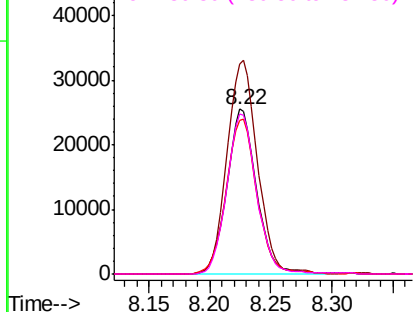


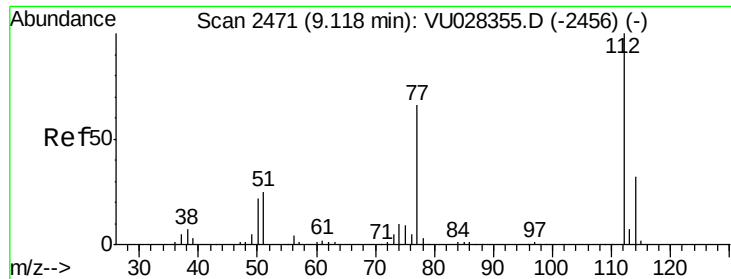
#64
Tetrachloroethene
Concen: 18.924 ug/l
RT: 8.22 min Scan# 2193
Delta R.T. -0.00 min
Lab File: VU028354.D
Acq: 28 Nov 2018 09:59

Tgt Ion:164 Resp: 43628
Ion Ratio Lower Upper
164 100
166 127.4 104.0 156.0
129 93.2 79.2 118.8
131 96.8 75.7 113.5



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

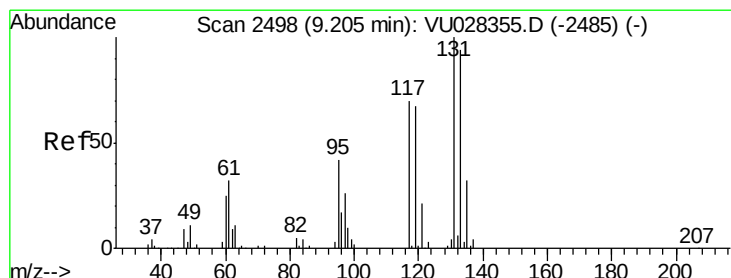
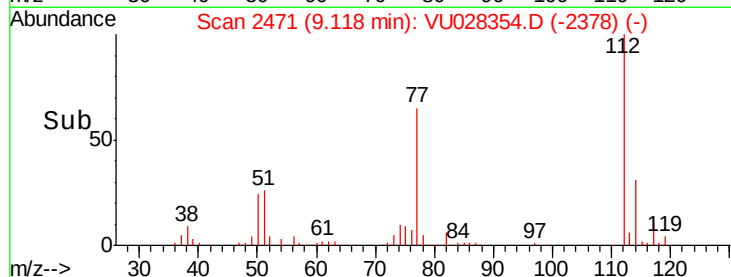
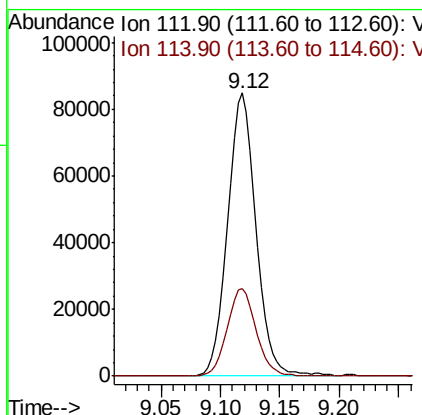
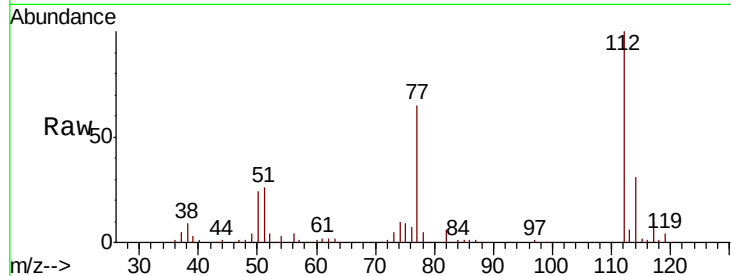




#65
Chlorobenzene
Concen: 19.294 ug/l
RT: 9.12 min Scan# 2471
Delta R.T. -0.00 min
Lab File: VU028354.D
Acq: 28 Nov 2018 09:59

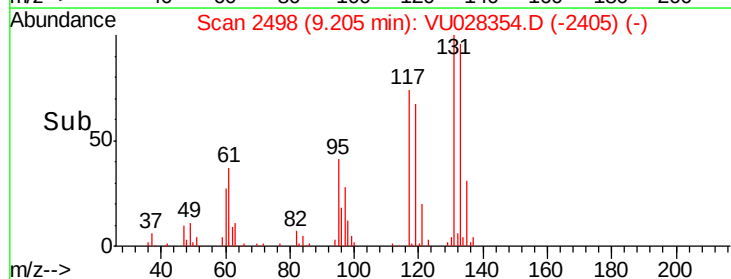
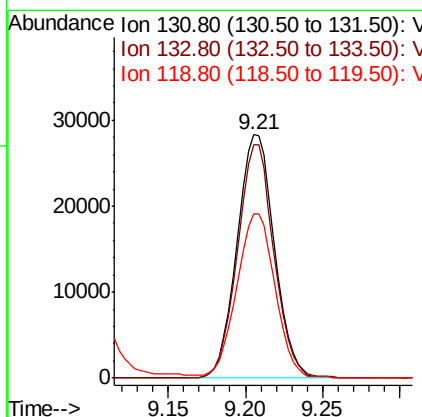
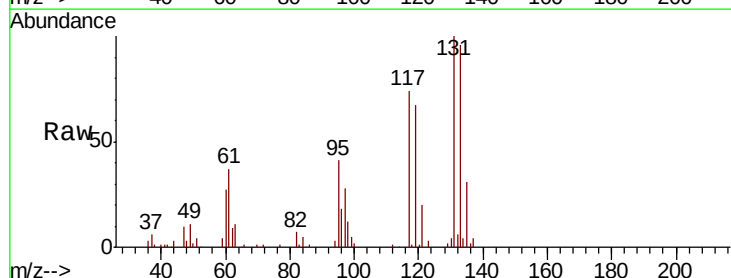
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

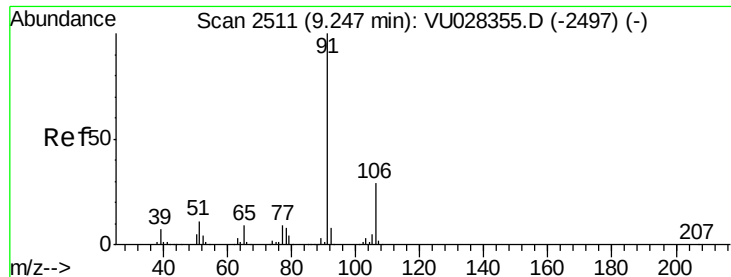
Tgt Ion:112 Resp: 140406
Ion Ratio Lower Upper
112 100
114 31.2 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 19.030 ug/l
RT: 9.21 min Scan# 2498
Delta R.T. -0.00 min
Lab File: VU028354.D
Acq: 28 Nov 2018 09:59

Tgt Ion:131 Resp: 47470
Ion Ratio Lower Upper
131 100
133 93.9 47.3 141.8
119 69.6 34.1 102.2

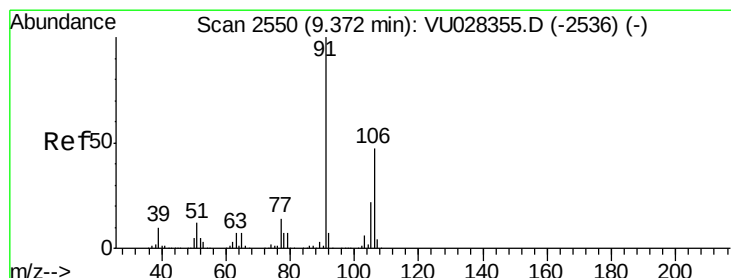
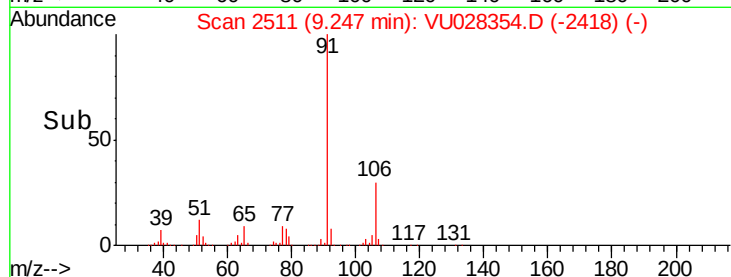
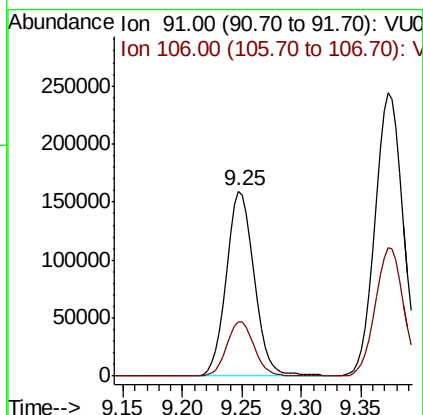
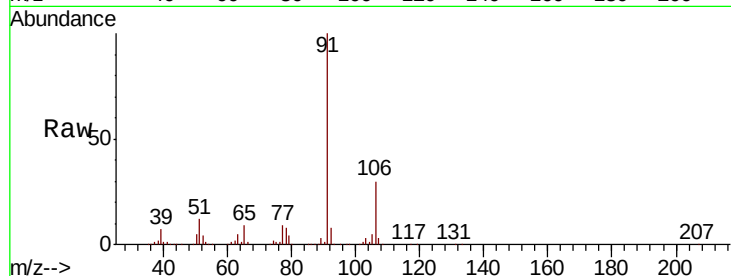




#67
Ethyl Benzene
Concen: 18.939 ug/l
RT: 9.25 min Scan# 2511
Delta R.T. -0.00 min
Lab File: VU028354.D
Acq: 28 Nov 2018 09:59

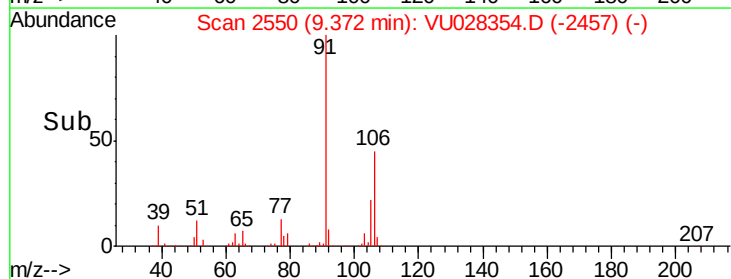
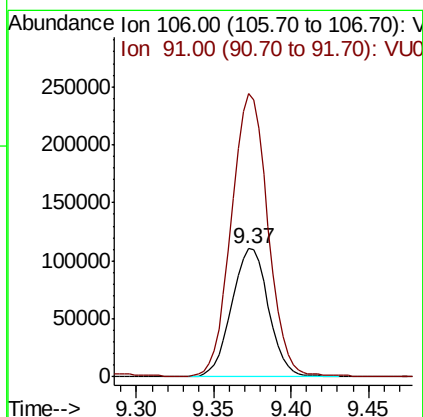
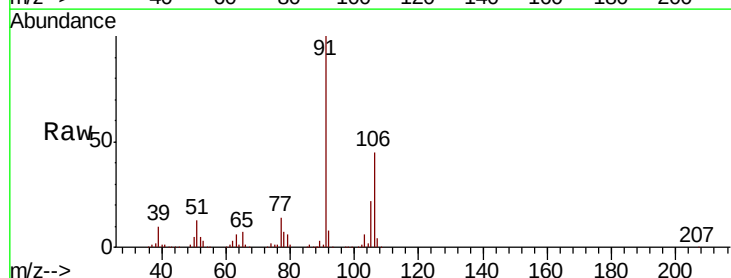
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

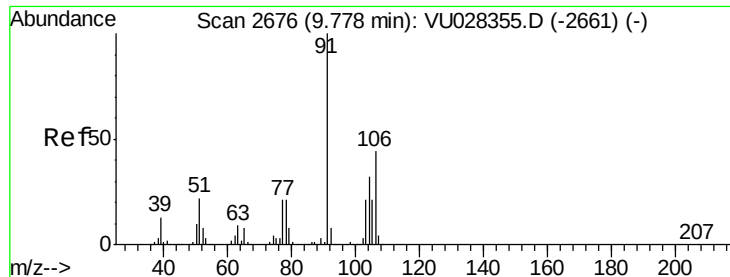
Tgt Ion: 91 Resp: 259589
Ion Ratio Lower Upper
91 100
106 29.6 23.3 34.9



#68
m/p-Xylenes
Concen: 36.915 ug/l
RT: 9.37 min Scan# 2550
Delta R.T. -0.00 min
Lab File: VU028354.D
Acq: 28 Nov 2018 09:59

Tgt Ion: 106 Resp: 182114
Ion Ratio Lower Upper
106 100
91 220.3 171.0 256.6

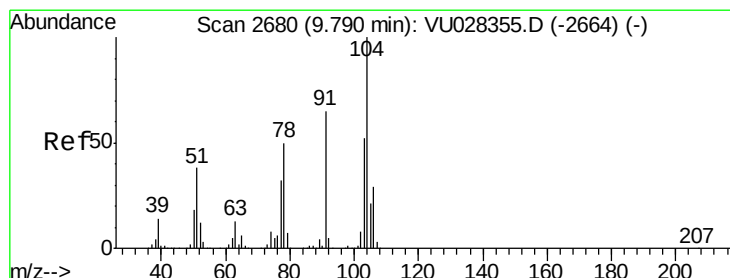
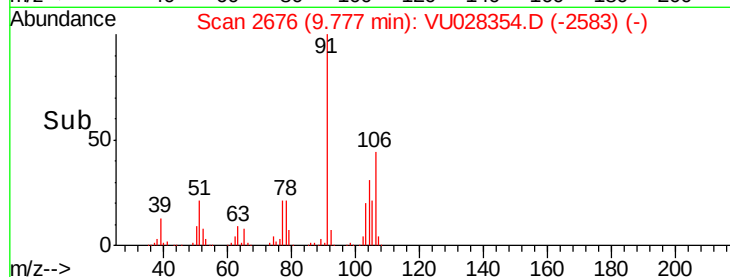
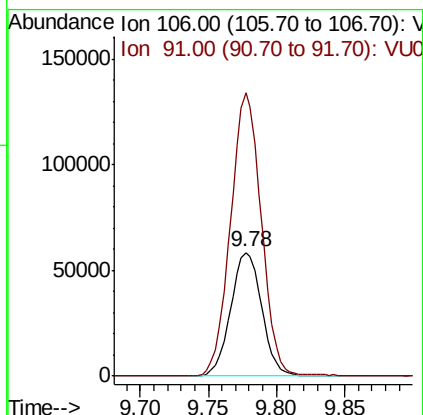
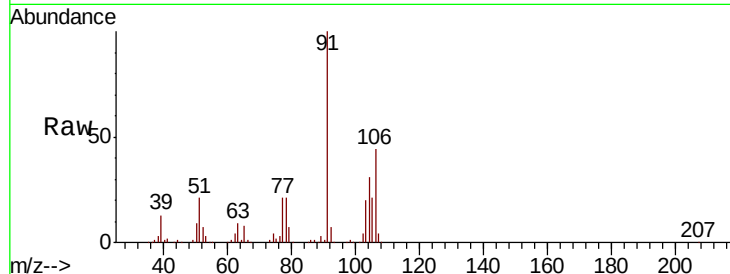




#69
o-Xylene
Concen: 18.837 ug/l
RT: 9.78 min Scan# 2676
Delta R.T. -0.00 min
Lab File: VU028354.D
Acq: 28 Nov 2018 09:59

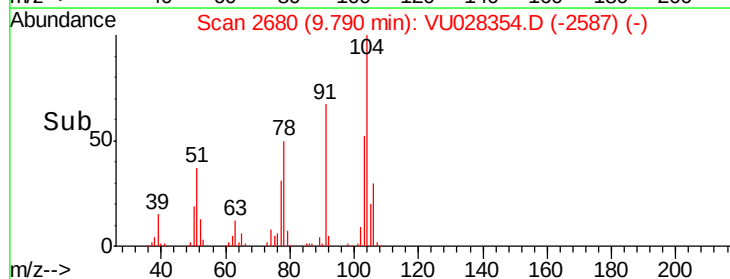
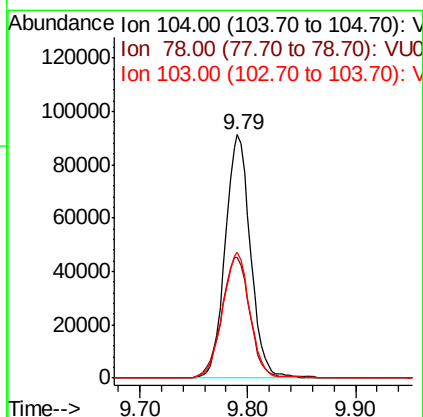
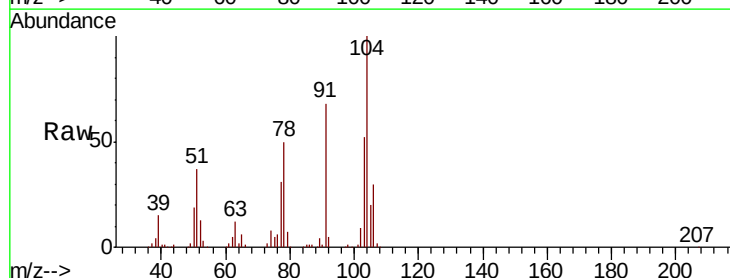
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

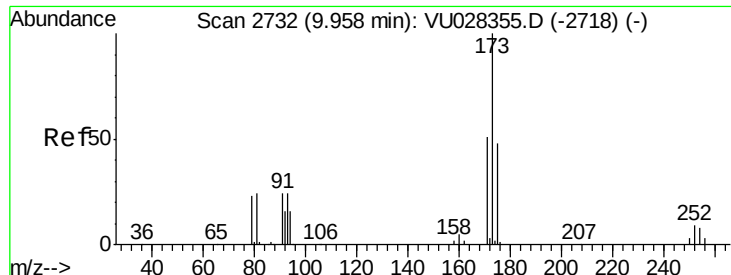
Tgt Ion:106 Resp: 92380
Ion Ratio Lower Upper
106 100
91 227.7 112.7 338.0



#70
Styrene
Concen: 18.868 ug/l
RT: 9.79 min Scan# 2680
Delta R.T. -0.00 min
Lab File: VU028354.D
Acq: 28 Nov 2018 09:59

Tgt Ion:104 Resp: 149237
Ion Ratio Lower Upper
104 100
78 55.0 43.3 64.9
103 55.1 44.8 67.2





#71

Bromoform

Concen: 18.829 ug/l

RT: 9.96 min Scan# 2732

Delta R.T. -0.00 min

Lab File: VU028354.D

Acq: 28 Nov 2018 09:59

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC020

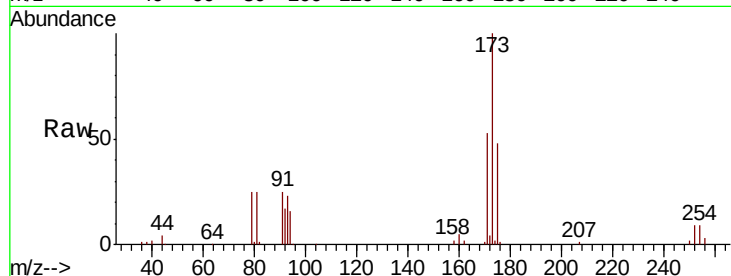
Tgt Ion:173 Resp: 39479

Ion Ratio Lower Upper

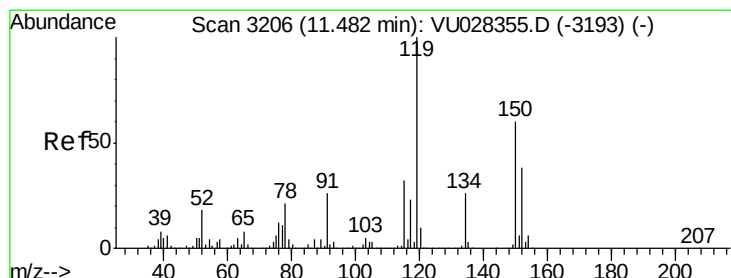
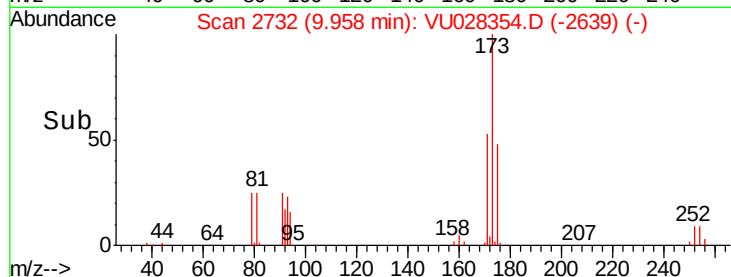
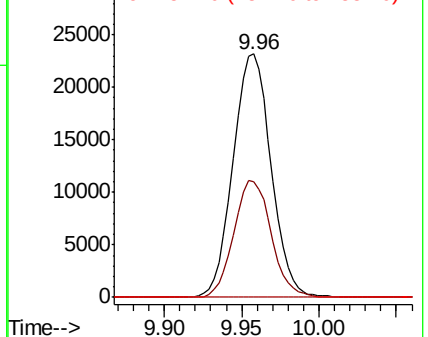
173 100

175 47.1 24.1 72.4

254 0.0 0.0 0.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.48 min Scan# 3206

Delta R.T. -0.00 min

Lab File: VU028354.D

Acq: 28 Nov 2018 09:59

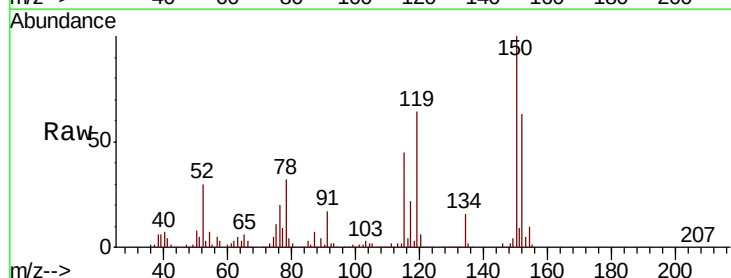
Tgt Ion:152 Resp: 155567

Ion Ratio Lower Upper

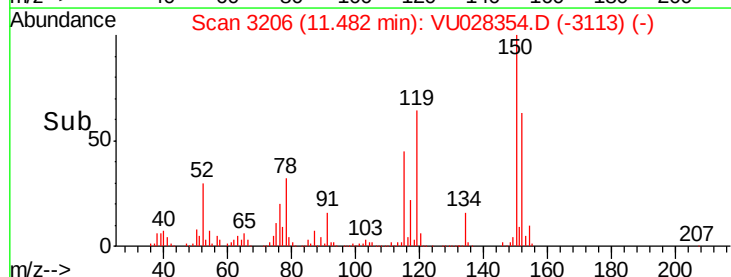
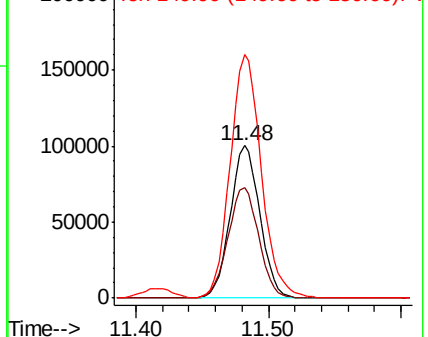
152 100

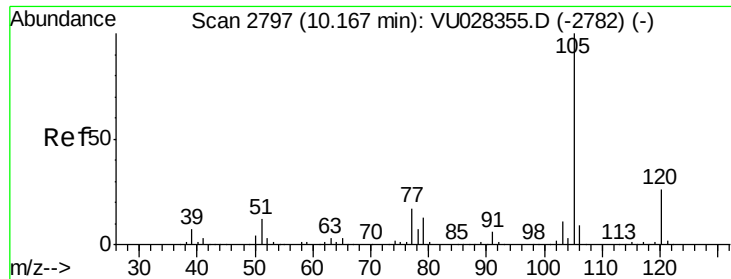
115 75.1 45.0 134.8

150 167.2 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: 20.073 ug/l

RT: 10.16 min Scan# 2796

Delta R.T. -0.00 min

Lab File: VU028354.D

Acq: 28 Nov 2018 09:59

Instrument :

MSVOA_U

ClientSampleId :

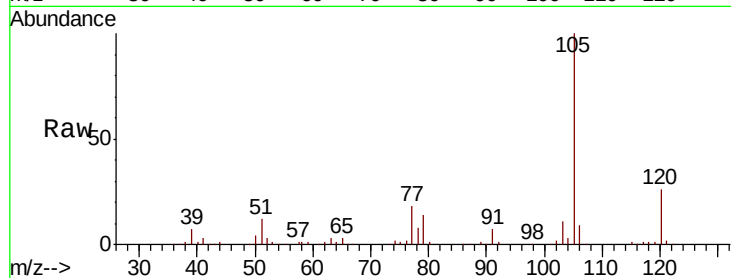
VSTDIC020

Tgt Ion:105 Resp: 242863

Ion Ratio Lower Upper

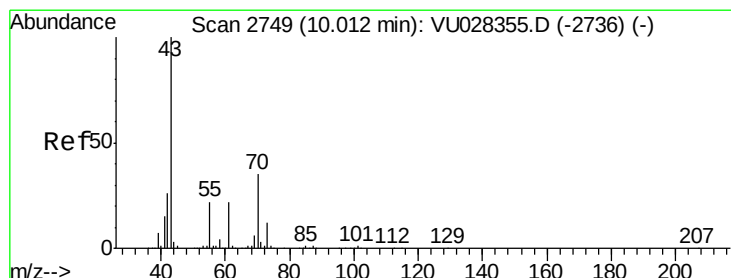
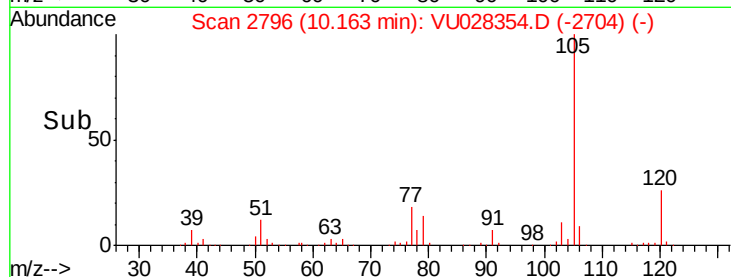
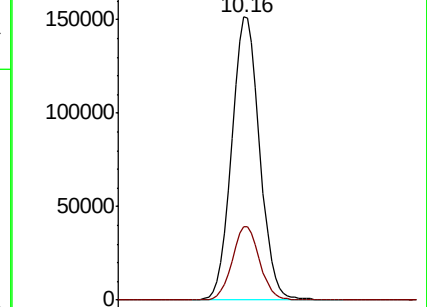
105 100

120 25.6 12.8 38.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.844 ug/l

RT: 10.01 min Scan# 2749

Delta R.T. -0.00 min

Lab File: VU028354.D

Acq: 28 Nov 2018 09:59

Tgt Ion: 43 Resp: 150431

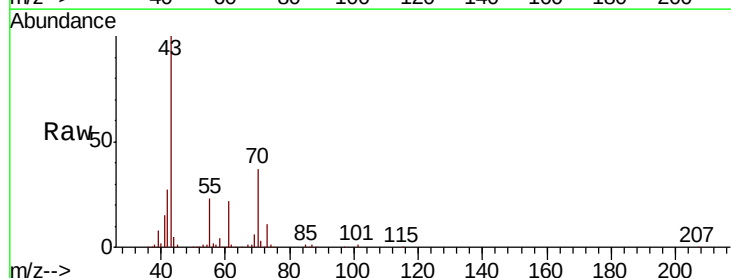
Ion Ratio Lower Upper

43 100

70 36.2 28.4 42.6

55 23.0 18.0 27.0

61 21.2 17.6 26.4

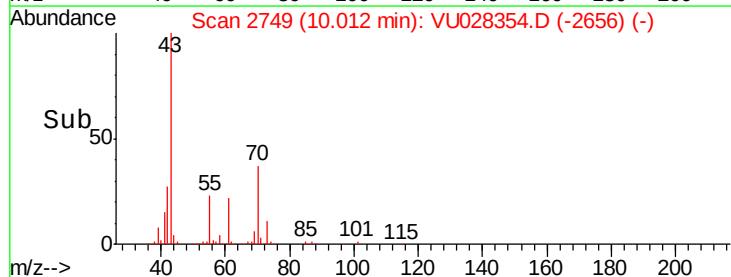
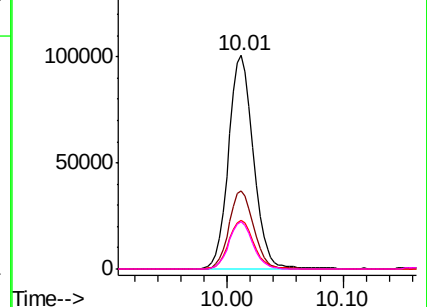


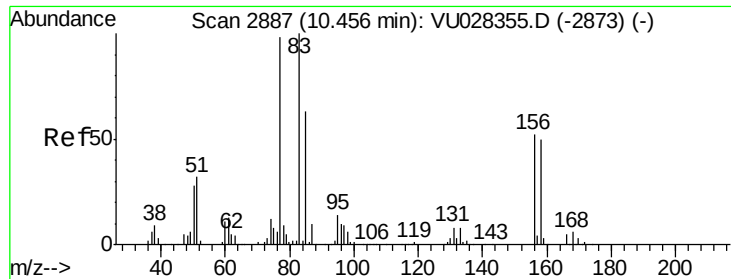
Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 70.00 (69.70 to 70.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 61.00 (60.70 to 61.70): VU0





#75

1,1,2,2-Tetrachloroethane

Concen: 19.919 ug/l

RT: 10.46 min Scan# 2887

Delta R.T. -0.00 min

Lab File: VU028354.D

Acq: 28 Nov 2018 09:59

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC020

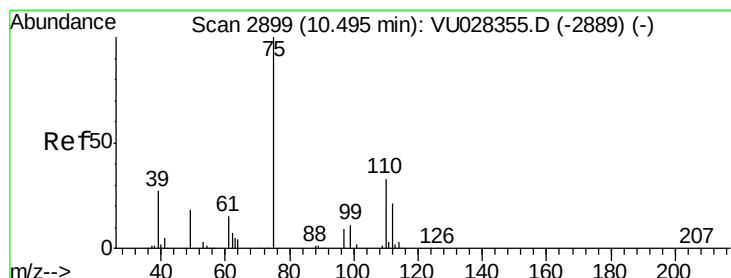
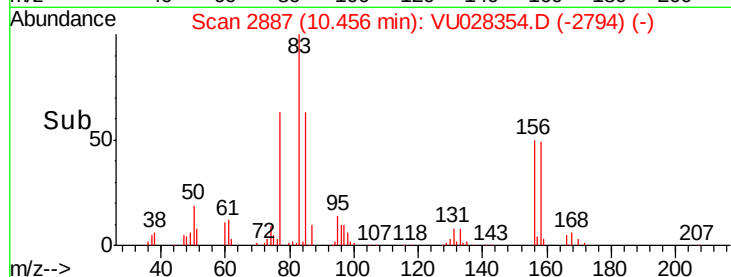
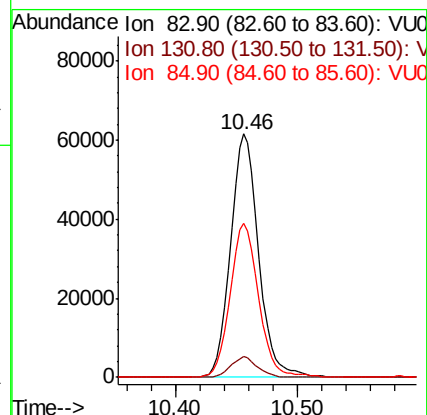
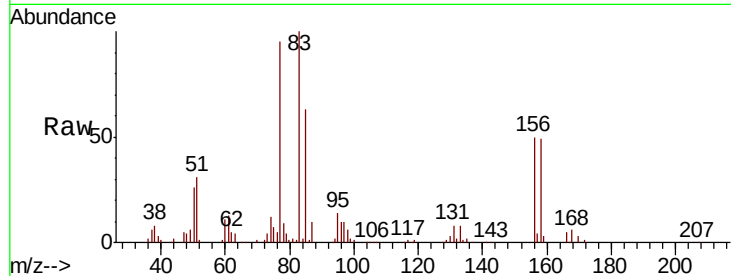
Tgt Ion: 83 Resp: 99108

Ion Ratio Lower Upper

83 100

131 7.9 4.0 12.2

85 64.5 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 28.265 ug/l

RT: 10.49 min Scan# 2898

Delta R.T. -0.00 min

Lab File: VU028354.D

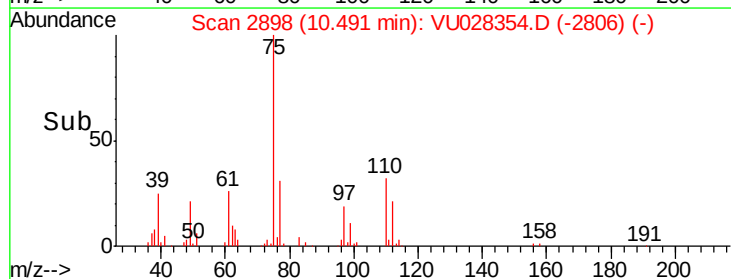
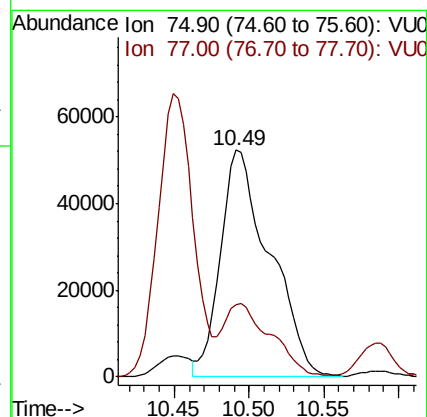
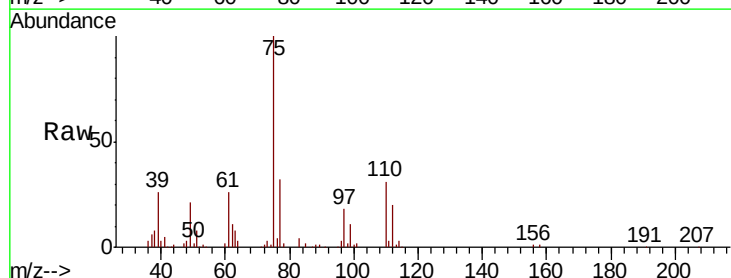
Acq: 28 Nov 2018 09:59

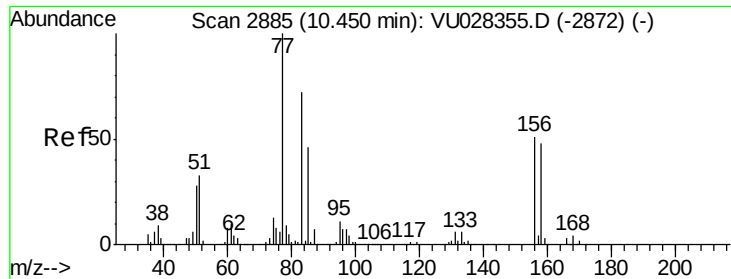
Tgt Ion: 75 Resp: 120389

Ion Ratio Lower Upper

75 100

77 30.6 22.4 67.0





#77

Bromobenzene

Concen: 19.781 ug/l

RT: 10.45 min Scan# 2885

Delta R.T. -0.00 min

Lab File: VU028354.D

Acq: 28 Nov 2018 09:59

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC020

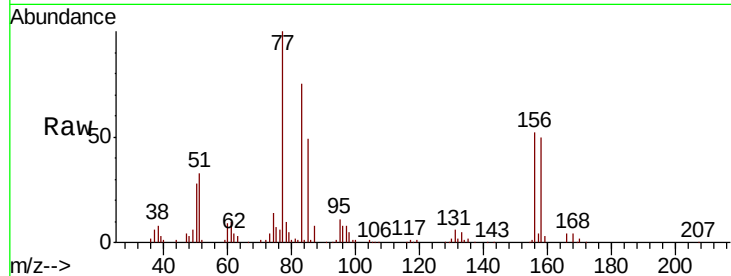
Tgt Ion:156 Resp: 56394

Ion Ratio Lower Upper

156 100

77 192.2 97.0 290.9

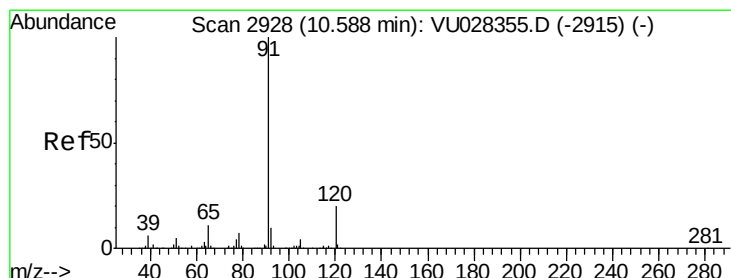
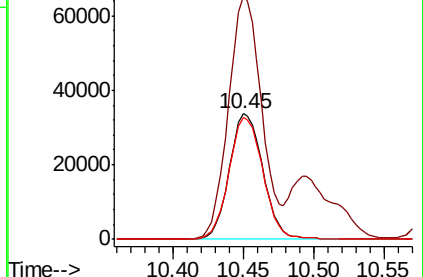
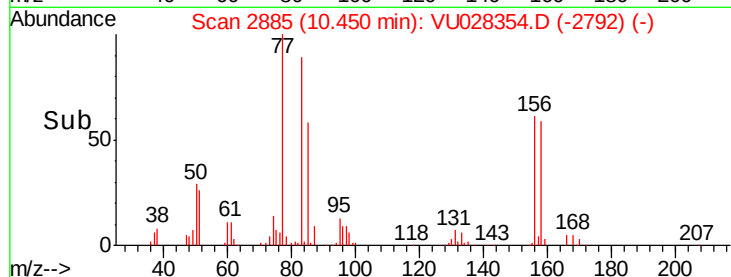
158 98.0 46.8 140.4



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: 19.887 ug/l

RT: 10.58 min Scan# 2927

Delta R.T. -0.00 min

Lab File: VU028354.D

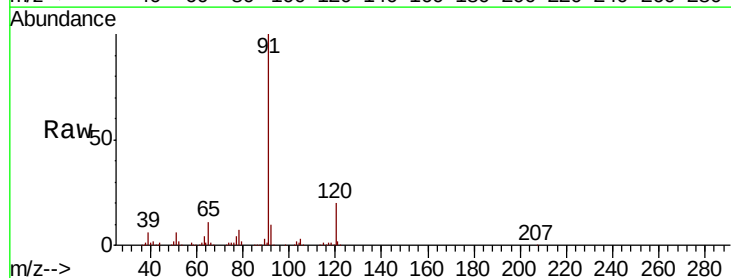
Acq: 28 Nov 2018 09:59

Tgt Ion: 91 Resp: 296828

Ion Ratio Lower Upper

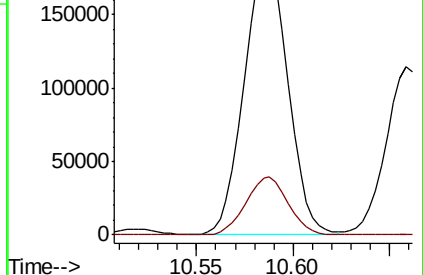
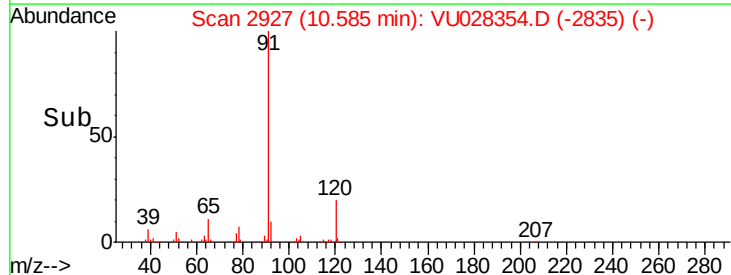
91 100

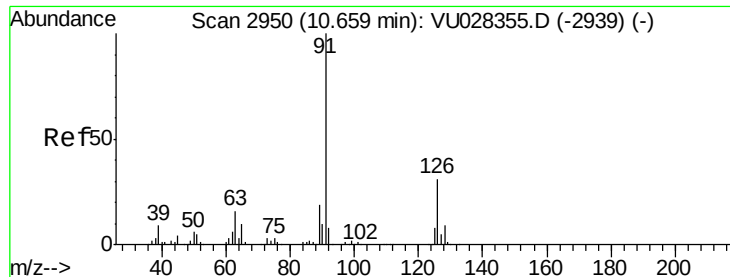
120 20.3 10.3 30.8



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.456 ug/l

RT: 10.66 min Scan# 2950

Delta R.T. -0.00 min

Lab File: VU028354.D

Acq: 28 Nov 2018 09:59

Instrument :

MSVOA_U

ClientSampleId :

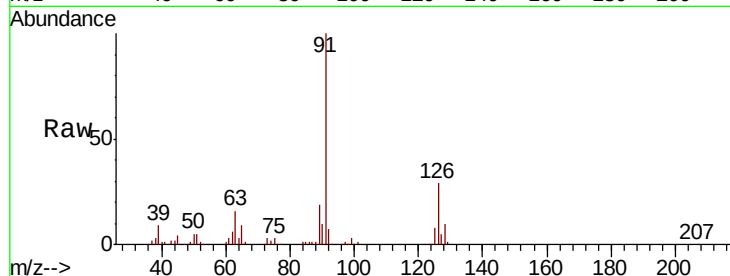
VSTDIC020

Tgt Ion: 91 Resp: 179992

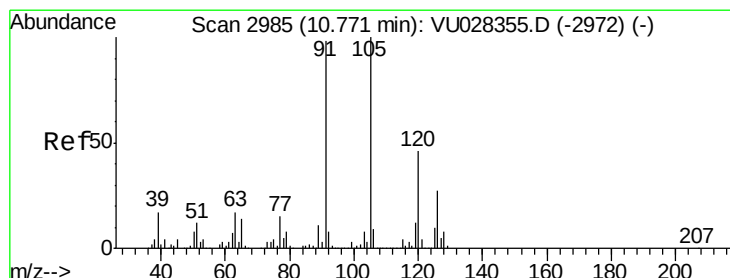
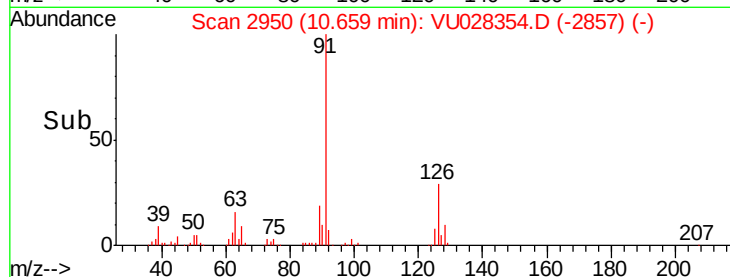
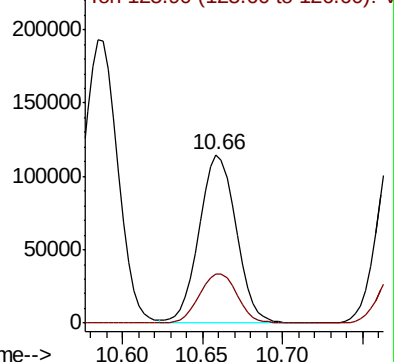
Ion Ratio Lower Upper

91 100

126 30.4 15.4 46.1



Abundance Ion 91.00 (90.70 to 91.70): VU028355.D (-2939) (-)



#80

1,3,5-Trimethylbenzene

Concen: 19.913 ug/l

RT: 10.77 min Scan# 2985

Delta R.T. -0.00 min

Lab File: VU028354.D

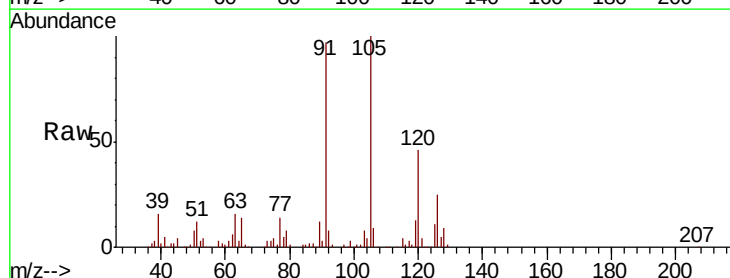
Acq: 28 Nov 2018 09:59

Tgt Ion: 105 Resp: 203032

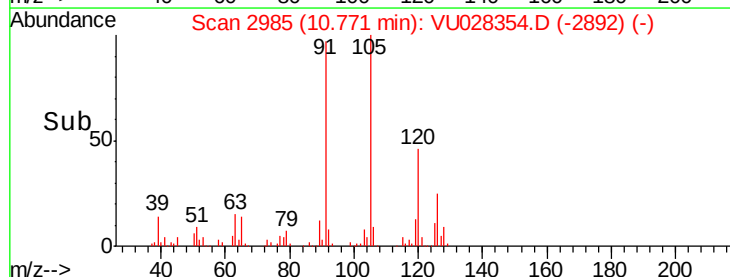
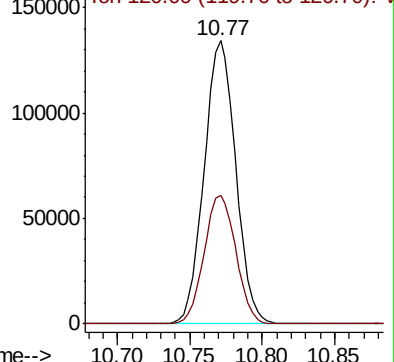
Ion Ratio Lower Upper

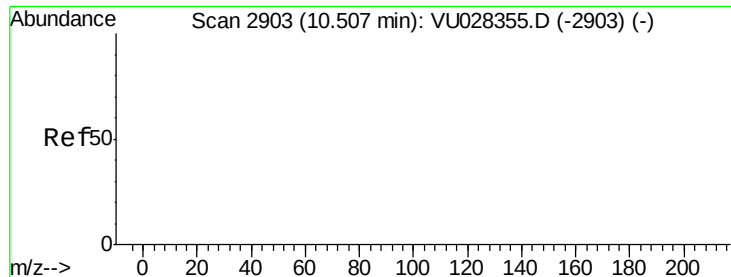
105 100

120 45.8 23.4 70.0



Abundance Ion 105.00 (104.70 to 105.70): VU028355.D (-2972) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 58.104 ug/l

RT: 10.49 min Scan# 2898

Delta R.T. -0.02 min

Lab File: VU028354.D

Acq: 28 Nov 2018 09:59

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC020

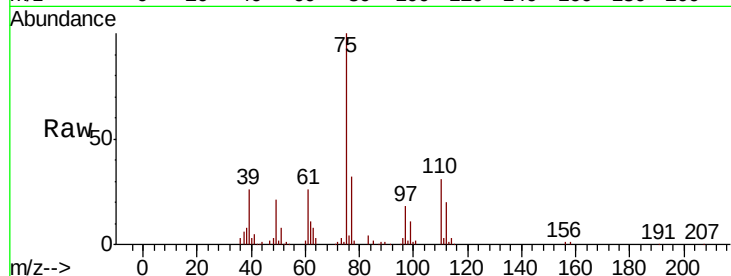
Tgt Ion: 75 Resp: 120389

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

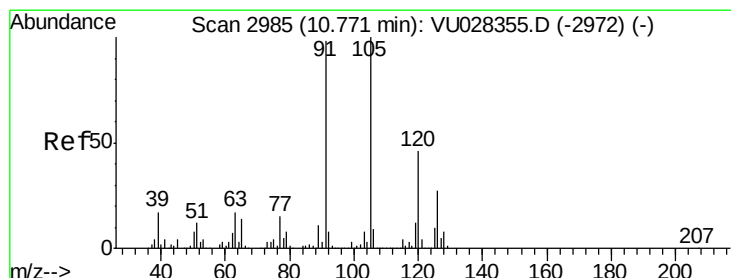
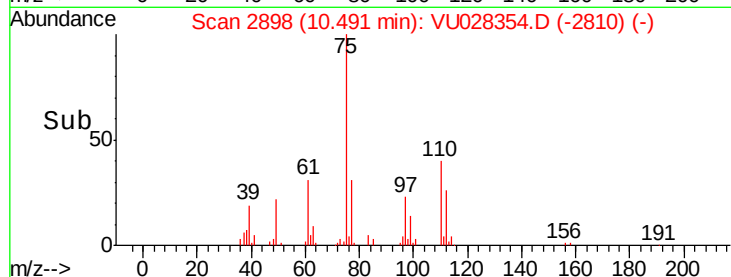
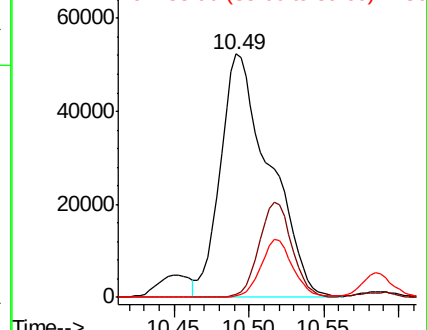
89 0.0 0.0 0.0



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: 19.807 ug/l

RT: 10.77 min Scan# 2985

Delta R.T. -0.00 min

Lab File: VU028354.D

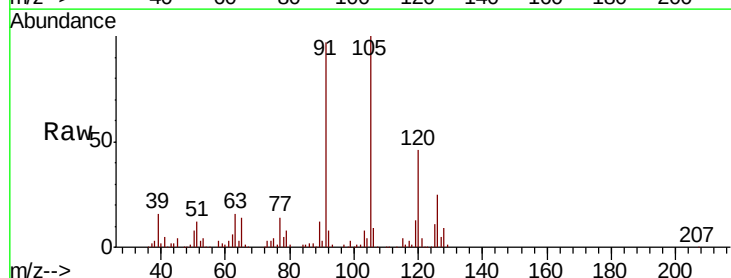
Acq: 28 Nov 2018 09:59

Tgt Ion: 91 Resp: 200800

Ion Ratio Lower Upper

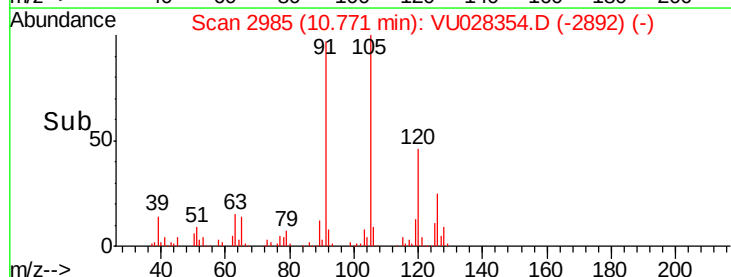
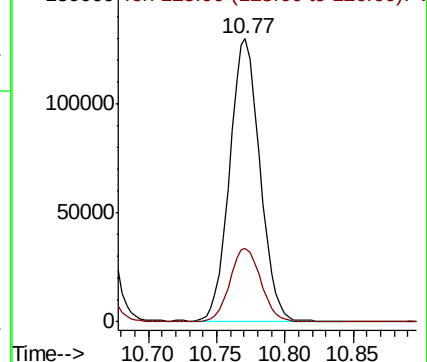
91 100

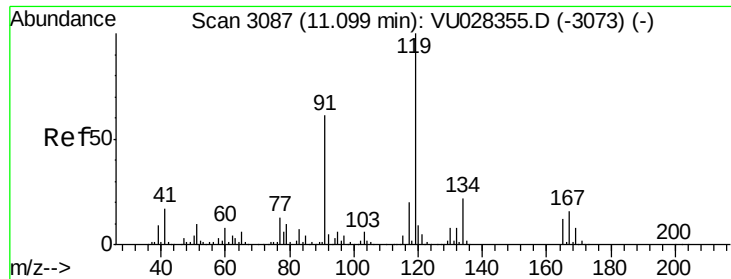
126 26.7 13.9 41.6



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 125.90 (125.60 to 126.60): V

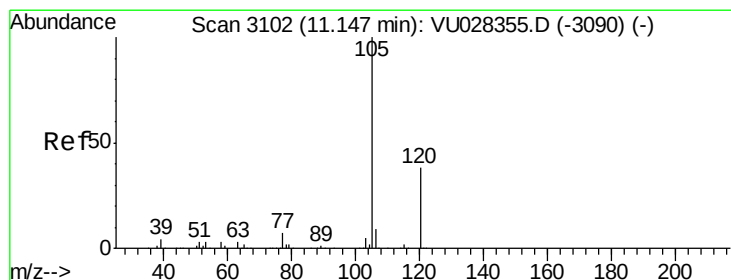
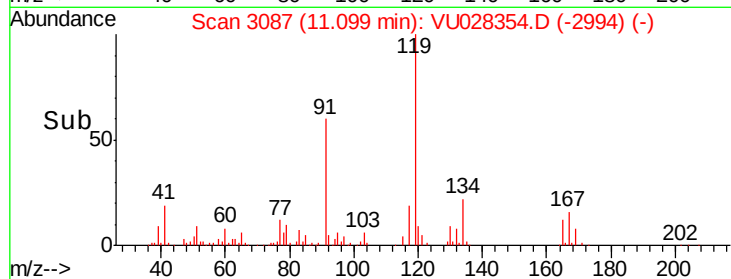
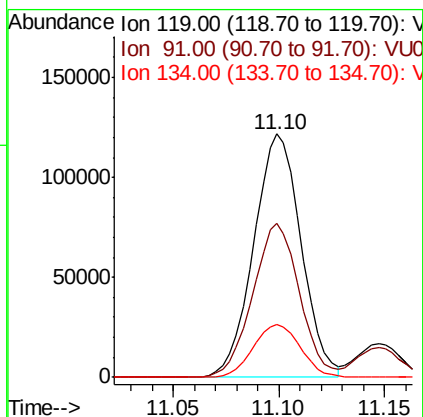
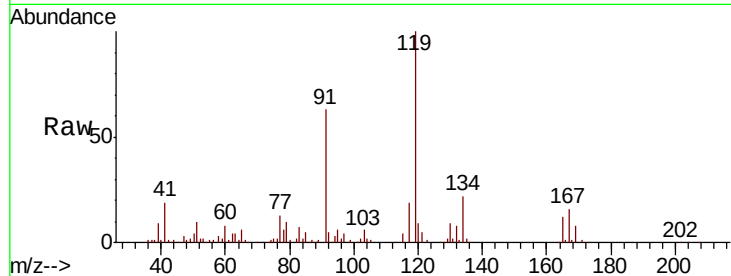




#83
 tert-Butylbenzene
 Concen: 20.019 ug/l
 RT: 11.10 min Scan# 3087
 Delta R.T. -0.00 min
 Lab File: VU028354.D
 Acq: 28 Nov 2018 09:59

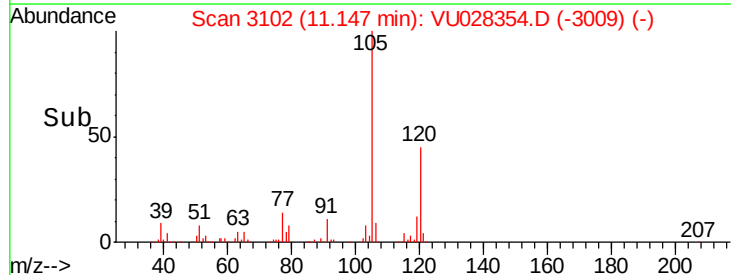
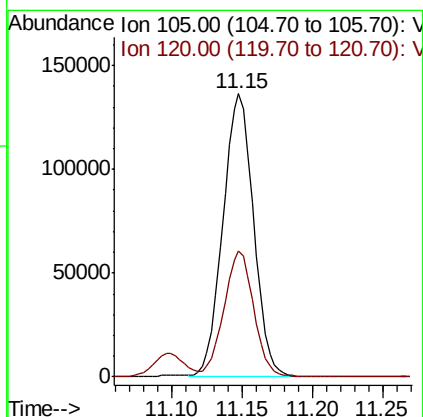
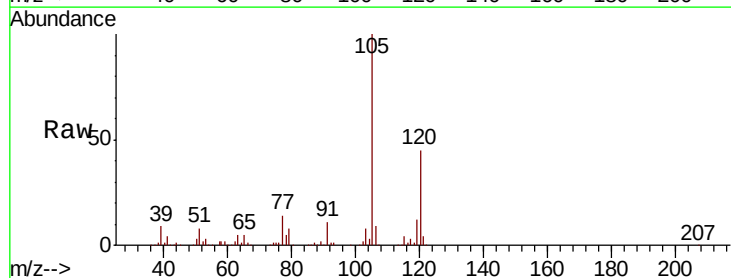
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

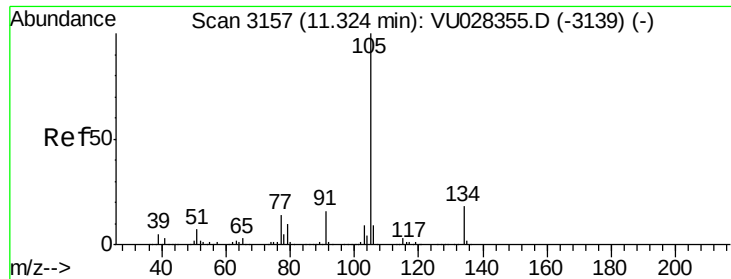
Tgt Ion:119 Resp: 190278
 Ion Ratio Lower Upper
 119 100
 91 62.3 30.8 92.4
 134 21.7 11.1 33.1



#84
 1,2,4-Trimethylbenzene
 Concen: 20.022 ug/l
 RT: 11.15 min Scan# 3102
 Delta R.T. -0.00 min
 Lab File: VU028354.D
 Acq: 28 Nov 2018 09:59

Tgt Ion:105 Resp: 206777
 Ion Ratio Lower Upper
 105 100
 120 43.4 21.4 64.3

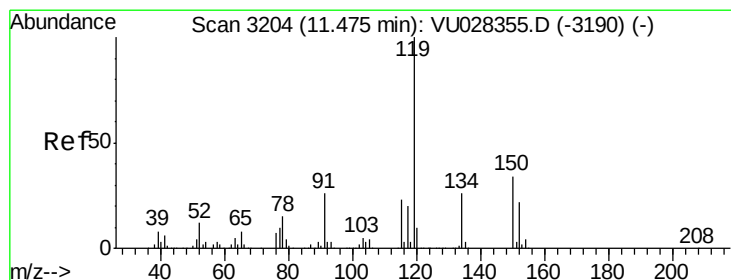
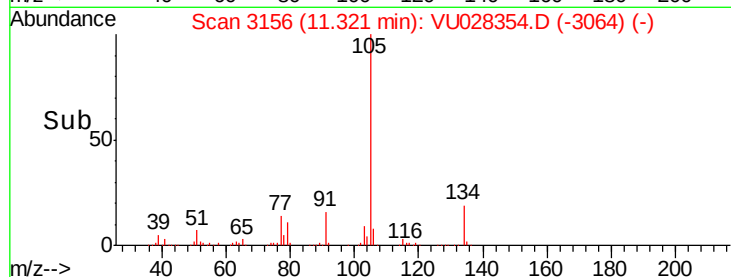
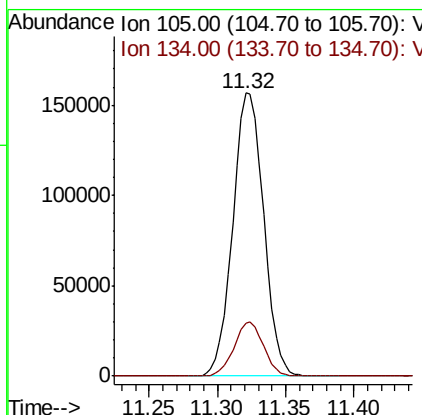
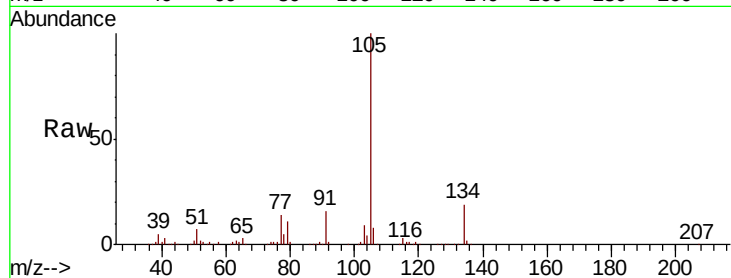




#85
 sec-Butylbenzene
 Concen: 19.911 ug/l
 RT: 11.32 min Scan# 3156
 Delta R.T. -0.00 min
 Lab File: VU028354.D
 Acq: 28 Nov 2018 09:59

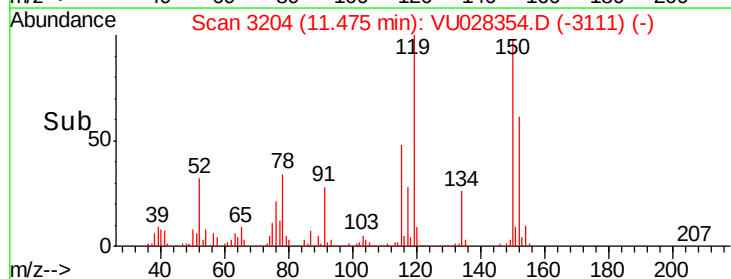
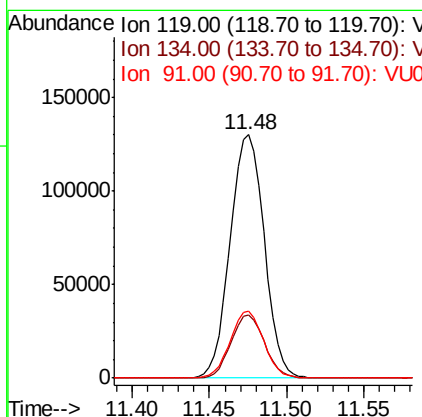
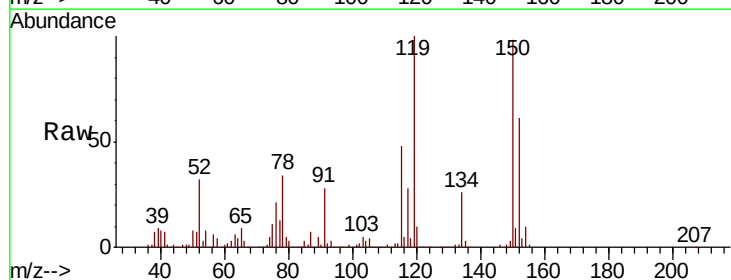
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

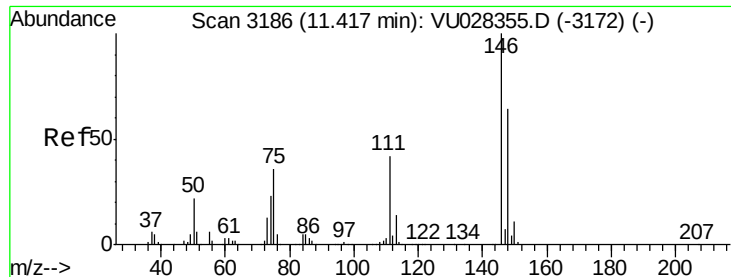
Tgt Ion:105 Resp: 245809
 Ion Ratio Lower Upper
 105 100
 134 18.3 9.3 27.7



#86
 p-Isopropyltoluene
 Concen: 19.663 ug/l
 RT: 11.48 min Scan# 3204
 Delta R.T. -0.00 min
 Lab File: VU028354.D
 Acq: 28 Nov 2018 09:59

Tgt Ion:119 Resp: 199600
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.8 38.3
 91 26.9 13.1 39.1

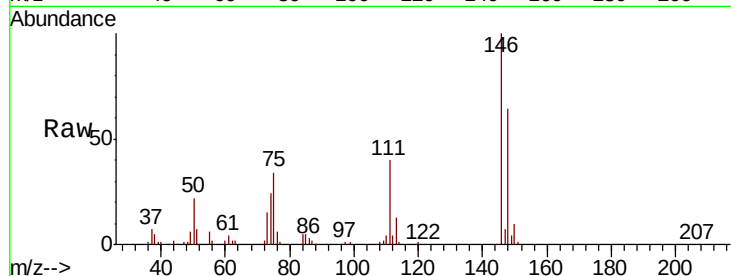




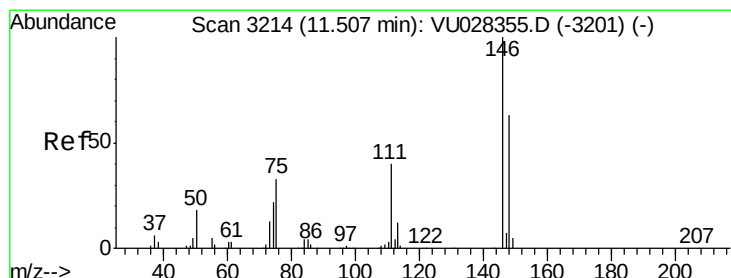
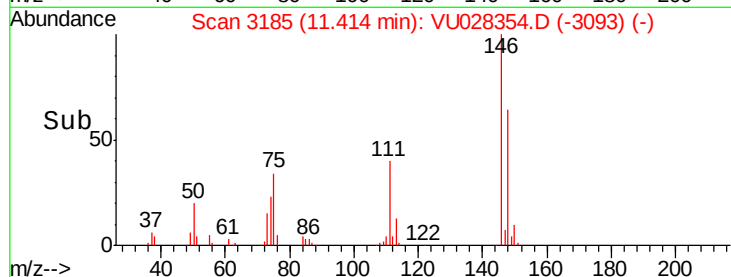
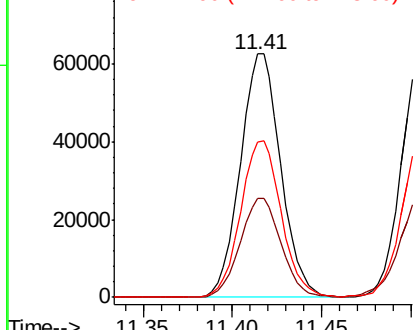
#87
 1,3-Dichlorobenzene
 Concen: 19.083 ug/l
 RT: 11.41 min Scan# 3185
 Delta R.T. -0.00 min
 Lab File: VU028354.D
 Acq: 28 Nov 2018 09:59

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

Tgt Ion:146 Resp: 99227
 Ion Ratio Lower Upper
 146 100
 111 41.1 20.8 62.4
 148 64.5 31.8 95.3

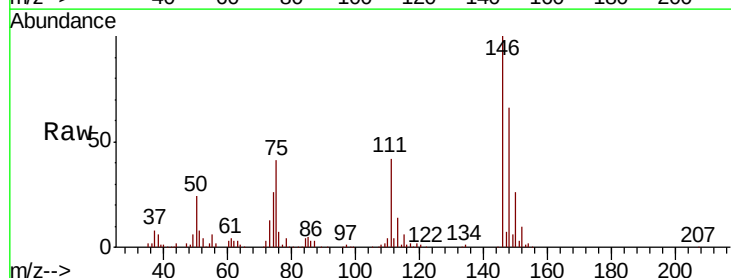


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

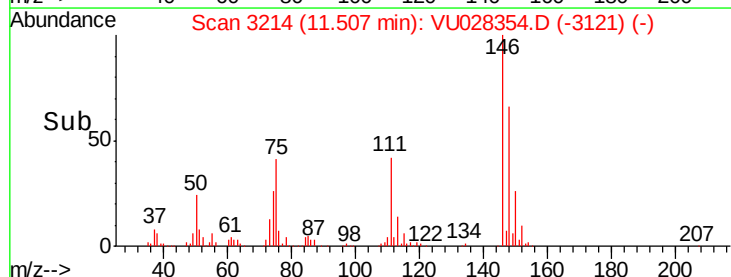
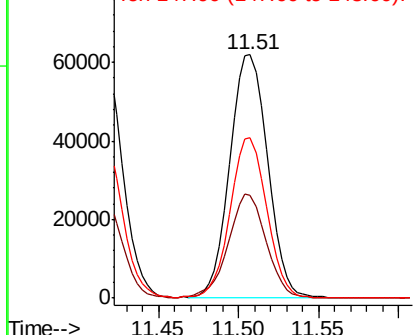


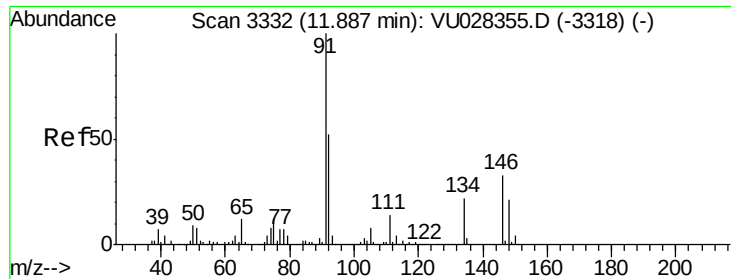
#88
 1,4-Dichlorobenzene
 Concen: 19.002 ug/l
 RT: 11.51 min Scan# 3214
 Delta R.T. -0.00 min
 Lab File: VU028354.D
 Acq: 28 Nov 2018 09:59

Tgt Ion:146 Resp: 99441
 Ion Ratio Lower Upper
 146 100
 111 43.3 20.6 61.9
 148 64.2 31.1 93.5



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





#89

n-Butylbenzene

Concen: 18.679 ug/l

RT: 11.89 min Scan# 3332

Delta R.T. -0.00 min

Lab File: VU028354.D

Acq: 28 Nov 2018 09:59

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC020

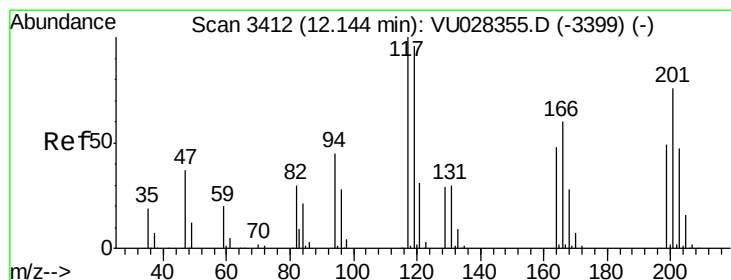
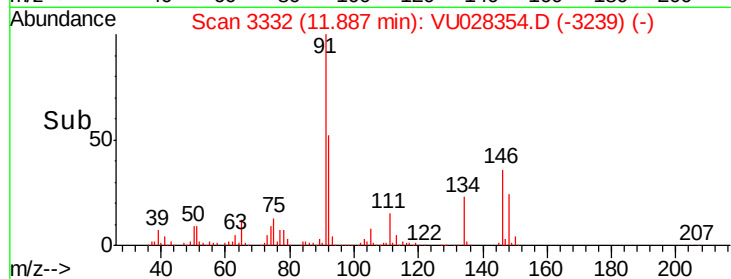
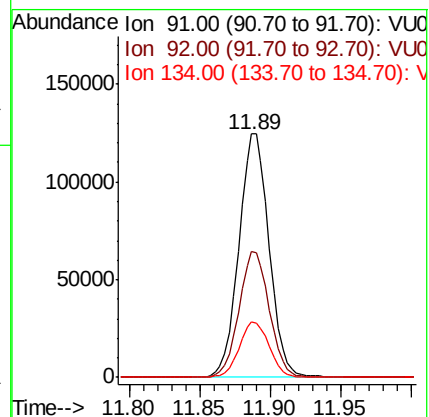
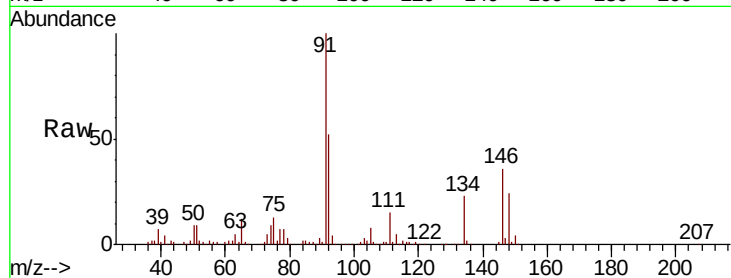
Tgt Ion: 91 Resp: 187129

Ion Ratio Lower Upper

91 100

92 51.8 26.2 78.5

134 22.4 11.1 33.1



#90

Hexachloroethane

Concen: 19.956 ug/l

RT: 12.14 min Scan# 3412

Delta R.T. -0.00 min

Lab File: VU028354.D

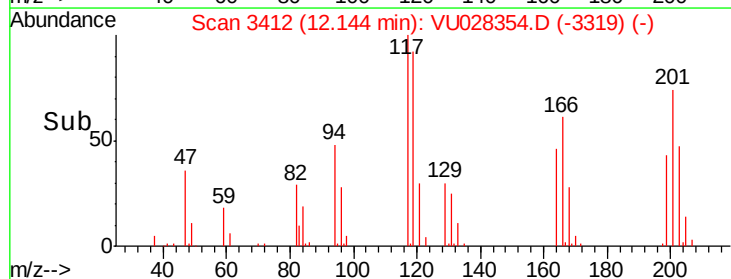
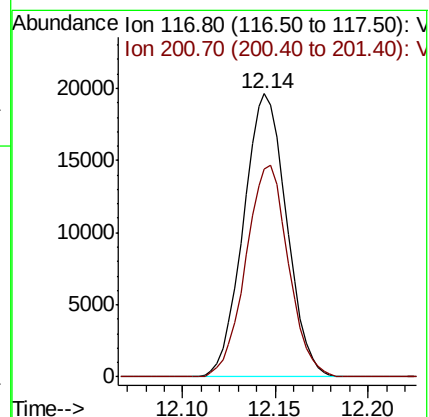
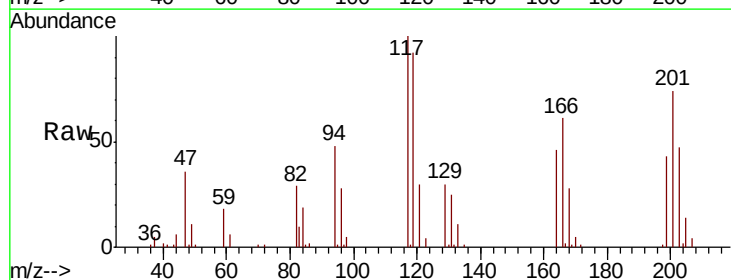
Acq: 28 Nov 2018 09:59

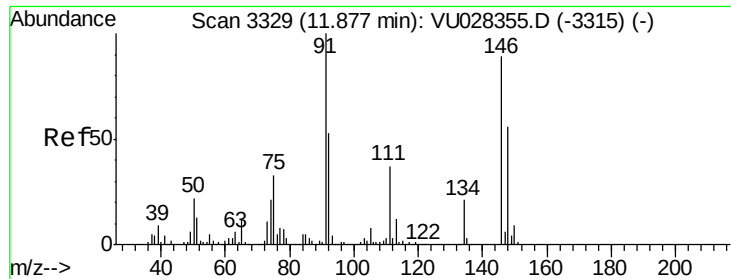
Tgt Ion: 117 Resp: 31626

Ion Ratio Lower Upper

117 100

201 74.0 37.7 113.1

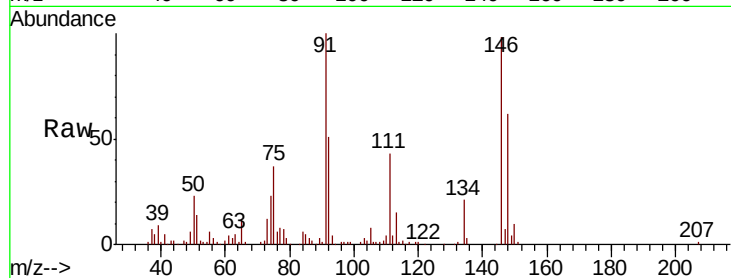




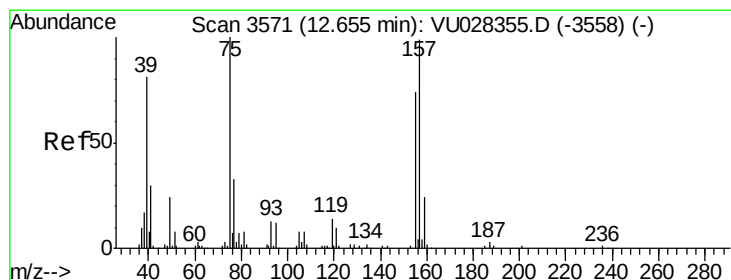
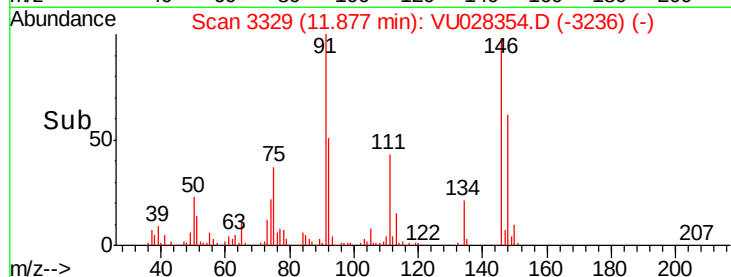
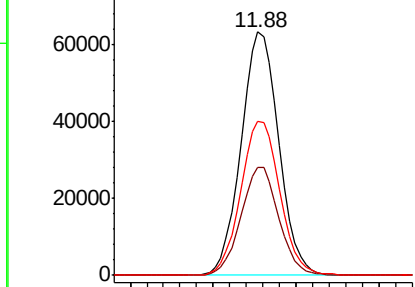
#91
 1,2-Dichlorobenzene
 Concen: 19.269 ug/l
 RT: 11.88 min Scan# 3329
 Delta R.T. -0.00 min
 Lab File: VU028354.D
 Acq: 28 Nov 2018 09:59

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

Tgt Ion:146 Resp: 99964
 Ion Ratio Lower Upper
 146 100
 111 44.3 21.4 64.3
 148 65.8 32.2 96.6

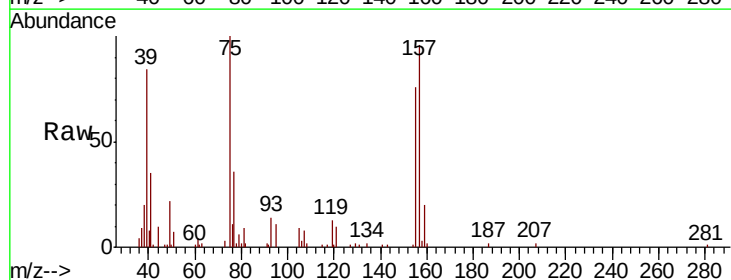


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

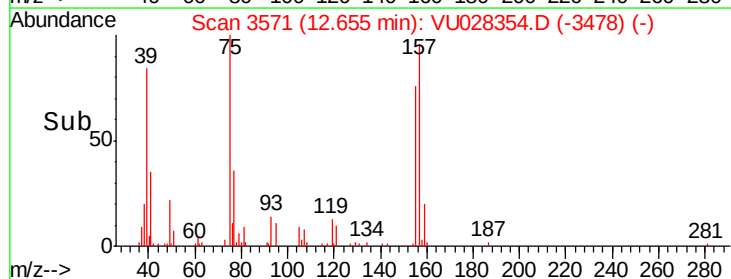
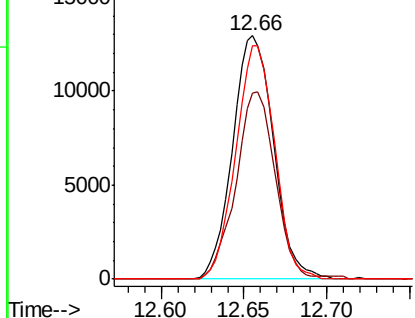


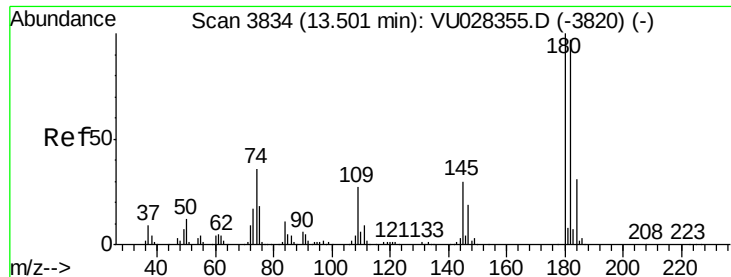
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.146 ug/l
 RT: 12.66 min Scan# 3571
 Delta R.T. -0.00 min
 Lab File: VU028354.D
 Acq: 28 Nov 2018 09:59

Tgt Ion: 75 Resp: 22296
 Ion Ratio Lower Upper
 75 100
 155 73.3 36.9 110.7
 157 90.6 47.5 142.5



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

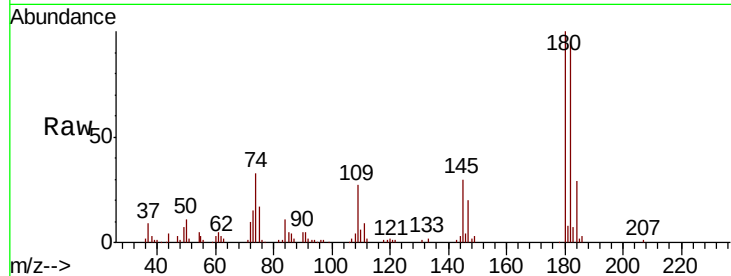




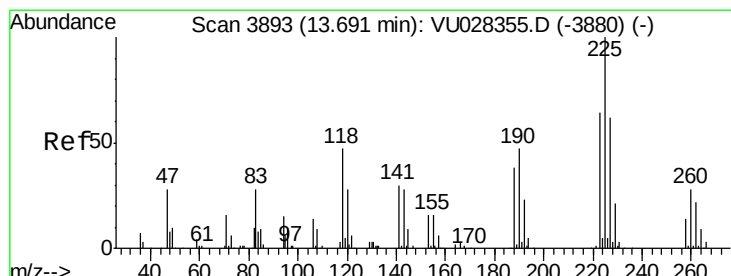
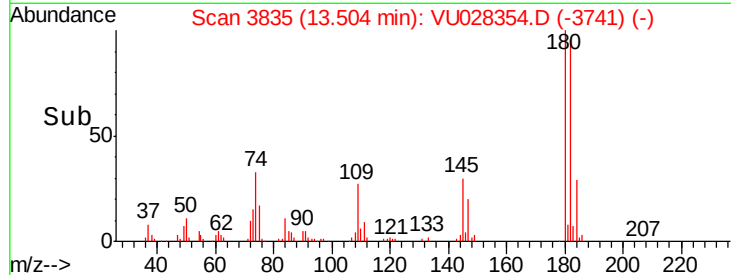
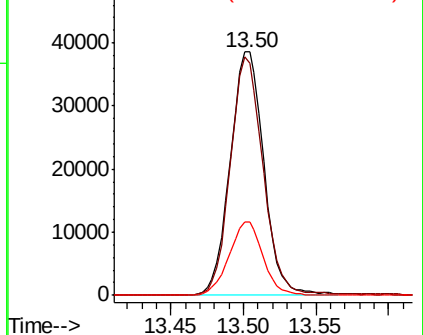
#93
 1,2,4-Trichlorobenzene
 Concen: 18.330 ug/l
 RT: 13.50 min Scan# 3835
 Delta R.T. 0.00 min
 Lab File: VU028354.D
 Acq: 28 Nov 2018 09:59

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

Tgt Ion:180 Resp: 62245
 Ion Ratio Lower Upper
 180 100
 182 94.5 48.3 144.9
 145 30.4 15.2 45.5

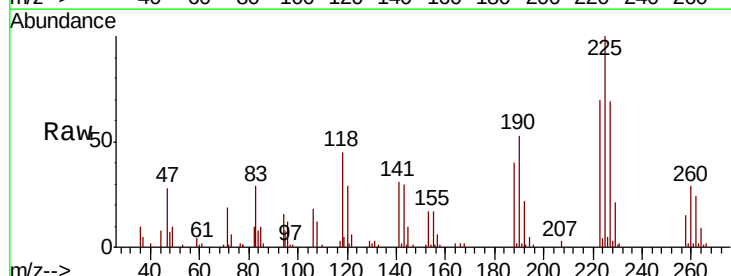


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

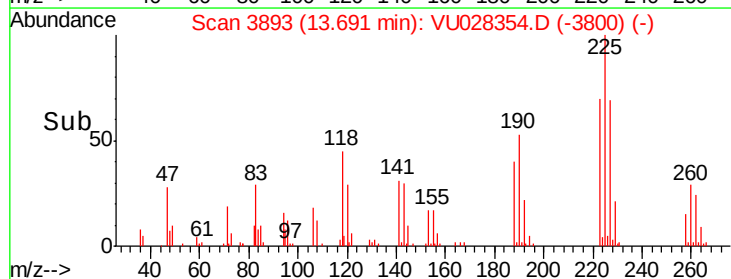
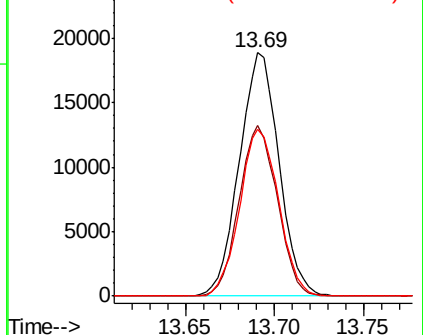


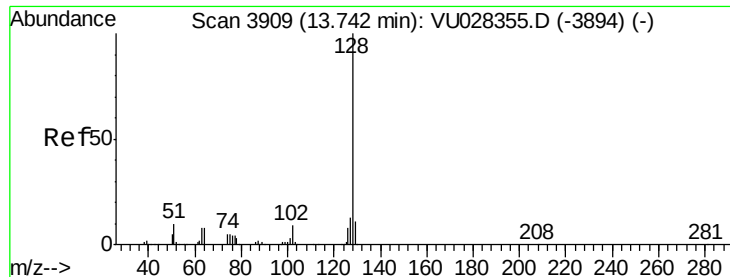
#94
 Hexachlorobutadiene
 Concen: 18.223 ug/l
 RT: 13.69 min Scan# 3893
 Delta R.T. -0.00 min
 Lab File: VU028354.D
 Acq: 28 Nov 2018 09:59

Tgt Ion:225 Resp: 29221
 Ion Ratio Lower Upper
 225 100
 223 67.4 31.6 94.7
 227 67.2 30.8 92.4



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





#95

Naphthalene

Concen: 19.505 ug/l

RT: 13.74 min Scan# 3909

Delta R.T. -0.00 min

Lab File: VU028354.D

Acq: 28 Nov 2018 09:59

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC020

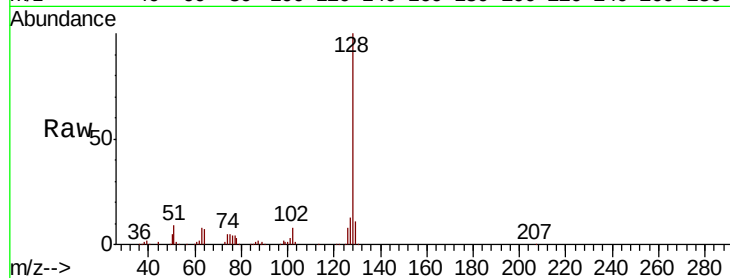
Tgt Ion:128 Resp: 225247

Ion Ratio Lower Upper

128 100

127 13.1 10.6 15.8

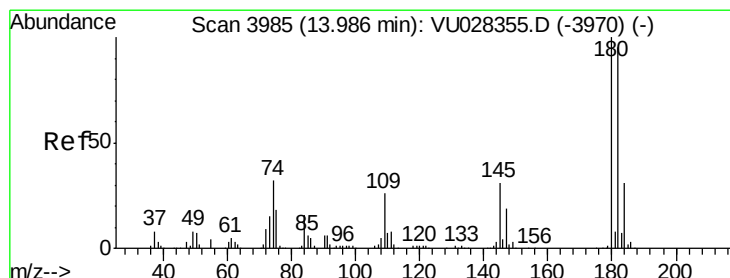
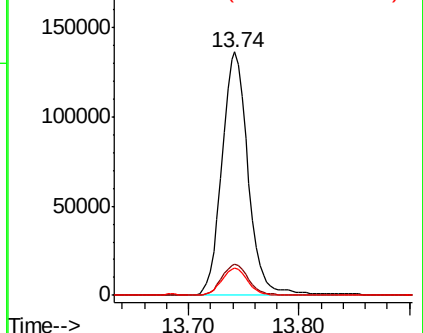
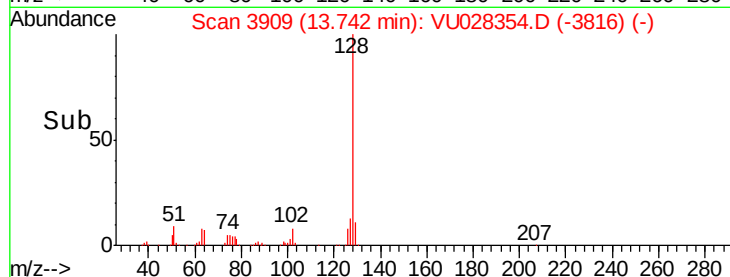
129 11.0 8.6 12.8



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: 18.855 ug/l

RT: 13.99 min Scan# 3985

Delta R.T. -0.00 min

Lab File: VU028354.D

Acq: 28 Nov 2018 09:59

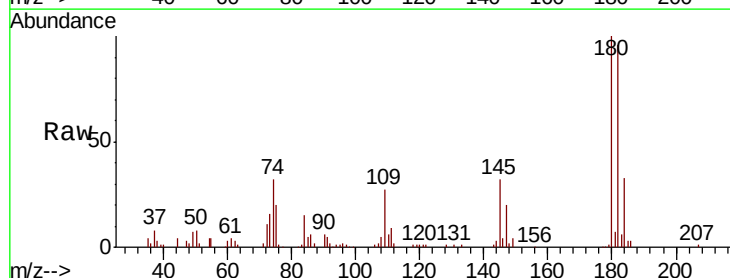
Tgt Ion:180 Resp: 64757

Ion Ratio Lower Upper

180 100

182 96.1 47.7 143.1

145 32.2 15.7 47.1



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

