

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\U112618\
 Data File : VU028333.D
 Acq On : 26 Nov 2018 12:26
 Operator : MD/SY
 Sample : VSTDICV010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU112618

Quant Time: Nov 27 01:12:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U0112618DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Nov 27 01:03:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	5.74	96	50741	1.00	ug/l	0.00

System Monitoring Compounds

57) 4-Bromofluorobenzene	10.30	95	18548	1.00	ug/l	0.00
Spiked Amount 1.000			Recovery	=	100.00%	
68) 1,2-Dichlorobenzene-d4	11.86	152	16608	0.96	ug/l	0.00
Spiked Amount 1.000			Recovery	=	96.00%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.21	85	133839	7.333 ug/l	100
3) Chloromethane	1.32	50	292183	9.405 ug/l	98
4) Vinyl Chloride	1.40	62	206503	9.712 ug/l	100
5) Bromomethane	1.63	94	76864	9.176 ug/l	97
6) Chloroethane	1.70	64	122184	9.843 ug/l	98
7) Trichlorofluoromethane	1.89	101	231541	9.971 ug/l	99
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	137261	10.277 ug/l	99
9) 1,1-Dichloroethene	2.29	96	132307	10.710 ug/l	95
10) Iodomethane	2.41	142	109616	13.120 ug/l	100
11) Allyl Chloride	2.59	41	336064	10.775 ug/l	97
12) Acrylonitrile	2.94	53	207459	52.720 ug/l	96
13) Acetone	2.33	43	268339	73.585 ug/l	98
14) Carbon Disulfide	2.48	76	481630	10.264 ug/l	100
15) Methylene Chloride	2.70	84	151191	10.036 ug/l	95
16) trans-1,2-Dichloroethene	2.98	96	142668	10.319 ug/l	99
17) 1,1-Dichloroethane	3.44	63	320068	10.385 ug/l	98
18) 2-Butanone	4.28	43	348501	63.955 ug/l	99
19) Cyclohexane	4.99	56	279654	10.452 ug/l	98
20) Methylcyclohexane	6.41	83	283138	10.810 ug/l	99
21) 2,2-Dichloropropane	4.22	77	259543	10.492 ug/l	100
22) cis-1,2-Dichloroethene	4.22	96	166934	10.318 ug/l	95
23) Diethyl Ether	2.10	59	129449	10.453 ug/l	99
24) tert-Butyl Alcohol	2.85	59	68503	55.109 ug/l	100
25) Methyl tert-Butyl Ether	3.00	73	386765	10.540 ug/l	100
26) Bromochloromethane	4.55	128	60846	9.866 ug/l	99
27) Chloroform	4.67	83	295954	9.957 ug/l	99
28) 1,1,1-Trichloroethane	4.91	97	245616	10.581 ug/l	99
29) 1,1-Dichloropropene	5.13	75	233184	10.472 ug/l	100
30) Carbon Tetrachloride	5.13	117	197317	10.526 ug/l	93
31) Isopropyl Ether	3.58	45	628798	11.392 ug/l #	1
33) Tert-Amyl methyl ether	5.39	73	12020	0.319 ug/l #	1
34) Propionitrile	4.34	54	153850	112.391 ug/l #	94
35) Benzene	5.39	78	693771	10.584 ug/l	100
36) 1,2-Dichloroethane	5.40	62	201078	10.256 ug/l	99
37) Trichloroethene	6.18	130	150904	10.569 ug/l	99
38) 1,2-Dichloropropane	6.43	63	197260	10.552 ug/l	96
39) Methacrylonitrile	4.55	41	77203	10.529 ug/l	98
40) Methyl acrylate	4.43	55	102515	10.162 ug/l #	91
41) Tetrahydrofuran	4.65	42	195824	53.132 ug/l	99
42) 1-Chlorobutane	5.06	56	364740	10.304 ug/l	96
43) Dibromomethane	6.56	93	85193	10.705 ug/l	98

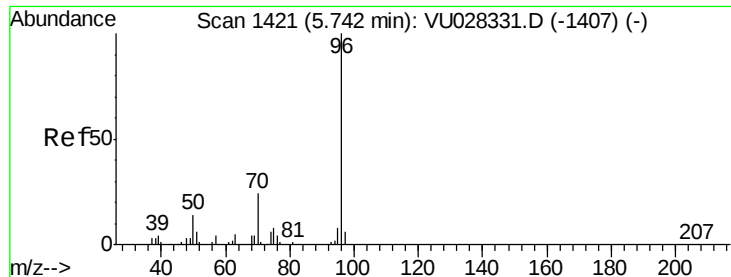
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\U112618\
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 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Bromodichloromethane	6.76	83	218379	10.392	ug/l	96
45) 4-Methyl-2-Pentanone	7.46	43	696200	54.465	ug/l	99
46) t-1,4-Dichloro-2-butene	10.49	75	168182	35.972	ug/l #	48
47) Methyl methacrylate	6.63	69	92410	11.376	ug/l	99
48) Ethyl methacrylate	8.02	69	177385	10.917	ug/l	96
49) Toluene	7.64	92	397612	10.922	ug/l	99
50) t-1,3-Dichloropropene	7.88	75	228099	11.301	ug/l	100
51) cis-1,3-Dichloropropene	7.27	75	269705	10.821	ug/l	99
52) 1,1,2-Trichloroethane	8.07	97	116881	10.461	ug/l	99
53) 1,3-Dichloropropane	8.24	76	225737	10.816	ug/l	99
54) 2-Hexanone	8.36	43	550543	59.871	ug/l	99
55) Dibromochloromethane	8.48	129	127482	10.727	ug/l	100
56) 1,2-Dibromoethane	8.58	107	109281	10.738	ug/l	99
58) Tetrachloroethene	8.22	164	134482	10.287	ug/l	98
59) Chlorobenzene	9.12	112	404852	10.687	ug/l	98
60) 1,1,1,2-Tetrachloroethane	9.21	131	134905	10.508	ug/l	98
61) Pentachloroethane	11.10	117	110008	11.012	ug/l	100
62) Hexachloroethane	12.14	117	105012	11.217	ug/l	98
63) Ethyl Benzene	9.25	91	784640	11.225	ug/l	98
64) m/p-Xylenes	9.37	106	568276	22.465	ug/l	99
65) o-Xylene	9.78	106	273286	11.195	ug/l	98
66) Styrene	9.79	104	451341	10.779	ug/l	99
67) Bromoform	9.96	173	70096	10.524	ug/l	99
69) Isopropylbenzene	10.17	105	744120	11.384	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.46	83	157273	10.494	ug/l	99
71) 1,2,3-Trichloropropane	10.49	75	168182	16.098	ug/l #	82
72) Bromobenzene	10.45	156	159809	11.015	ug/l	98
73) n-propylbenzene	10.58	120	192914	11.379	ug/l	98
74) 2-Chlorotoluene	10.66	126	160661	10.815	ug/l	99
75) 1,3,5-Trimethylbenzene	10.77	105	626515	11.388	ug/l	97
76) 4-Chlorotoluene	10.77	126	170975	11.353	ug/l	99
77) tert-Butylbenzene	11.10	119	582581	11.248	ug/l	99
78) 1,2,4-Trimethylbenzene	11.15	105	640726	11.365	ug/l	99
79) sec-Butylbenzene	11.32	105	785940	10.885	ug/l	100
80) Nitrobenzene	12.86	77	8274	12.255	ug/l	97
81) p-Isopropyltoluene	11.48	119	664168	11.576	ug/l	99
82) 1,3-Dichlorobenzene	11.42	146	315235	10.847	ug/l	100
83) 1,4-Dichlorobenzene	11.51	146	312033	10.788	ug/l	98
84) n-Butylbenzene	11.89	91	695637	11.548	ug/l	100
85) 1,2-Dichlorobenzene	11.88	146	295719	10.691	ug/l	98
86) 1,2-Dibromo-3-Chloropropan	12.66	75	26147	10.846	ug/l	97
87) 1,2,4-Trichlorobenzene	13.50	180	216851	11.152	ug/l	98
88) Hexachlorobutadiene	13.69	225	116281	11.052	ug/l	99
89) Naphthalene	13.74	128	441494	11.488	ug/l	99
90) 1,2,3-Trichlorobenzene	13.99	180	203060	11.075	ug/l	98

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



#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 5.74 min Scan# 1421

Delta R.T. -0.00 min

Lab File: VU028333.D

Acq: 26 Nov 2018 12:26

Instrument :

MSVOA_U

ClientSampleId :

ICVVU112618

Tgt Ion: 96 Resp: 50741

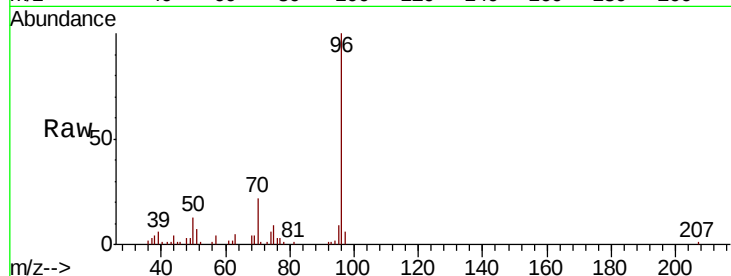
Ion Ratio Lower Upper

96 100

70 22.7 17.8 26.8

95 8.4 7.6 11.4

97 0.0 0.0 0.0

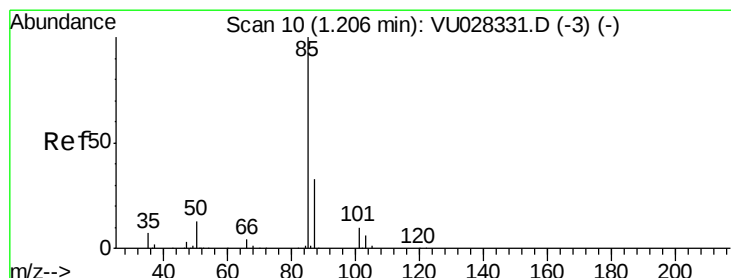
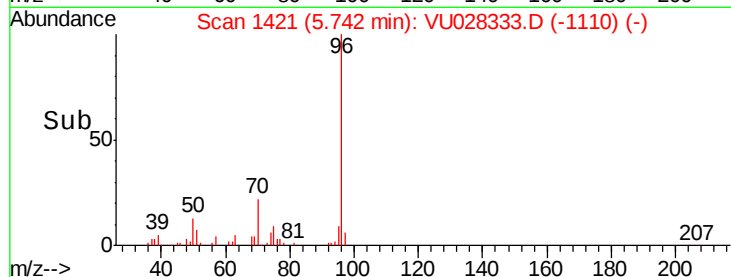
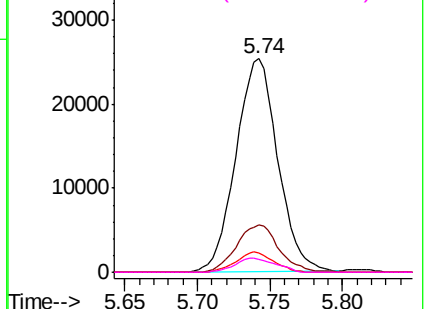


Abundance Ion 96.00 (95.70 to 96.70): VU028333.D (-1407) (-)

Ion 70.00 (69.70 to 70.70): VU028333.D (-1407) (-)

Ion 95.00 (94.70 to 95.70): VU028333.D (-1407) (-)

Ion 97.00 (96.70 to 97.70): VU028333.D (-1407) (-)



#2

Dichlorodifluoromethane

Concen: 7.333 ug/l

RT: 1.21 min Scan# 10

Delta R.T. -0.00 min

Lab File: VU028333.D

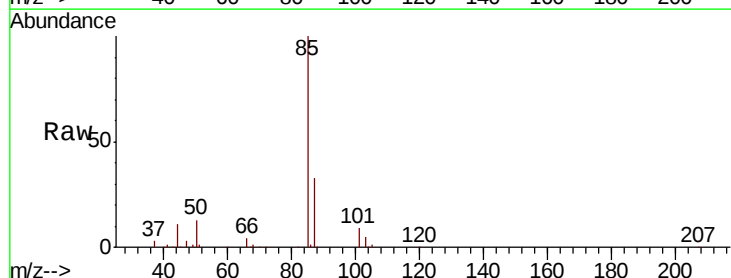
Acq: 26 Nov 2018 12:26

Tgt Ion: 85 Resp: 133839

Ion Ratio Lower Upper

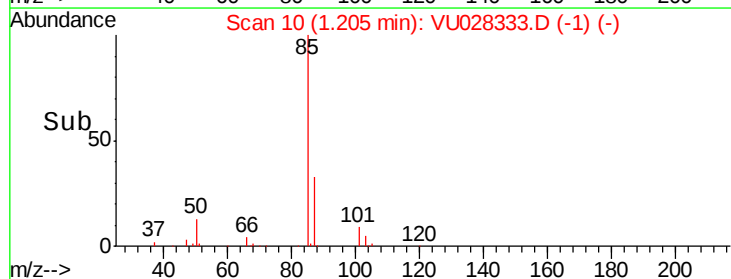
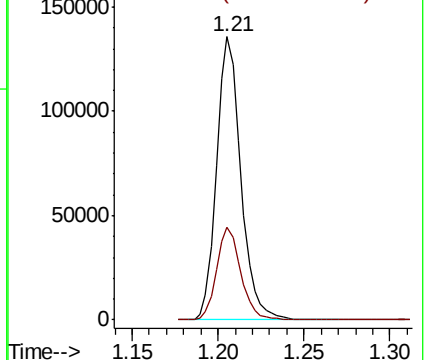
85 100

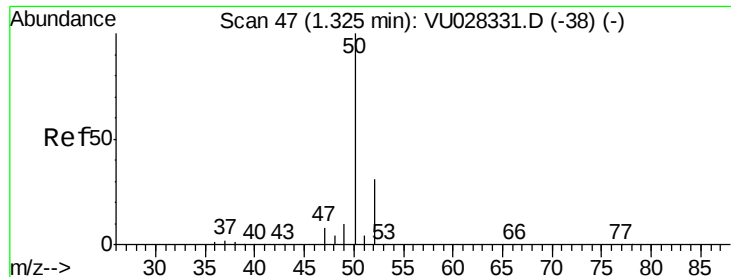
87 32.5 16.3 48.8



Abundance Ion 85.00 (84.70 to 85.70): VU028333.D (-3) (-)

Ion 87.00 (86.70 to 87.70): VU028333.D (-3) (-)





#3

Chloromethane

Concen: 9.405 ug/l

RT: 1.32 min Scan# 47

Delta R.T. -0.00 min

Lab File: VU028333.D

Acq: 26 Nov 2018 12:26

Instrument :

MSVOA_U

ClientSampleId :

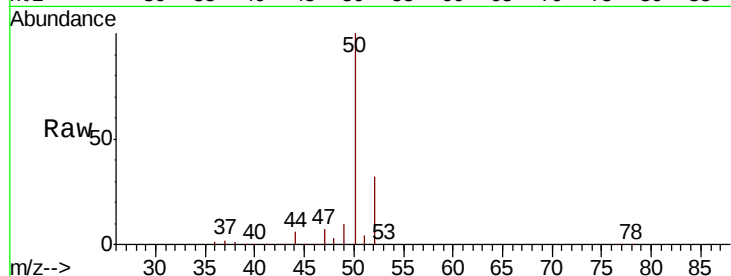
ICVVU112618

Tgt Ion: 50 Resp: 292183

Ion Ratio Lower Upper

50 100

52 32.5 25.1 37.7



Abundance Ion 50.00 (49.70 to 50.70): VU0

Ion 52.00 (51.70 to 52.70): VU0

1.32

250000

200000

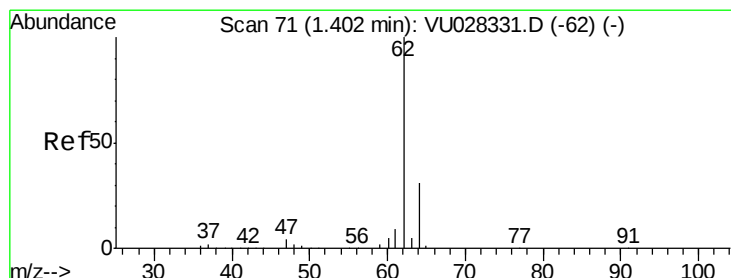
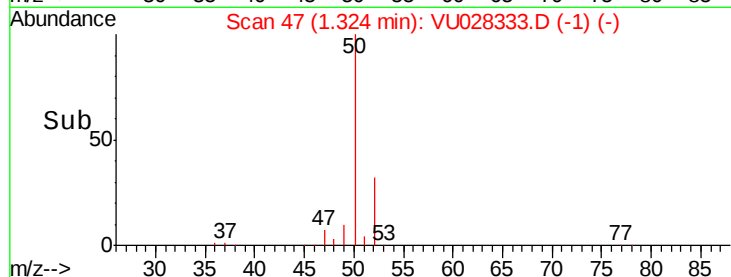
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 9.712 ug/l

RT: 1.40 min Scan# 71

Delta R.T. -0.00 min

Lab File: VU028333.D

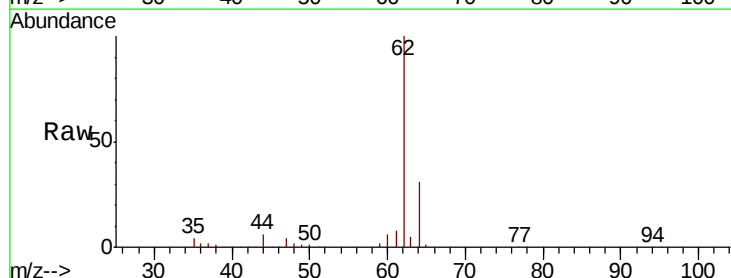
Acq: 26 Nov 2018 12:26

Tgt Ion: 62 Resp: 206503

Ion Ratio Lower Upper

62 100

64 30.7 24.7 37.1



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.00 (63.70 to 64.70): VU0

1.40

200000

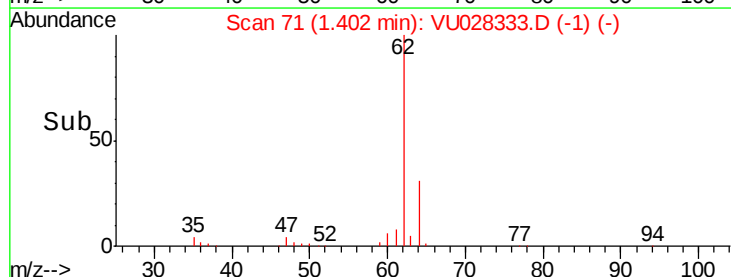
150000

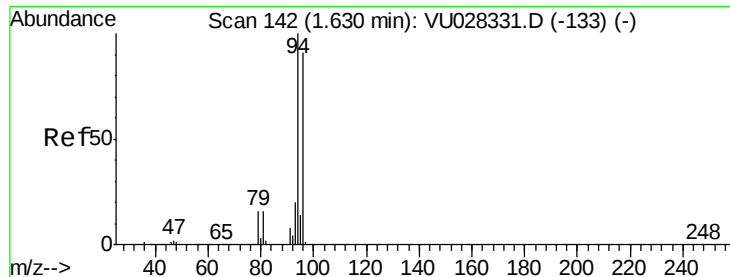
100000

50000

0

Time-->





#5

Bromomethane

Concen: 9.176 ug/l

RT: 1.63 min Scan# 141

Delta R.T. -0.00 min

Lab File: VU028333.D

Acq: 26 Nov 2018 12:26

Instrument :

MSVOA_U

ClientSampleId :

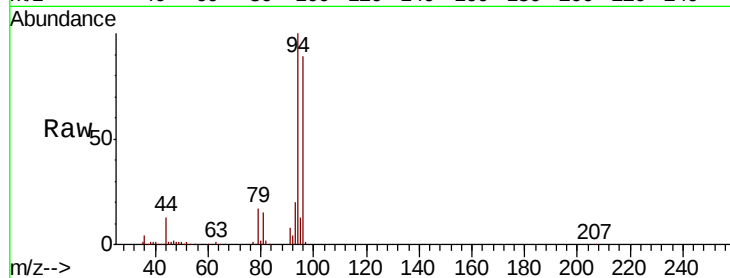
ICVVU112618

Tgt Ion: 94 Resp: 76864

Ion Ratio Lower Upper

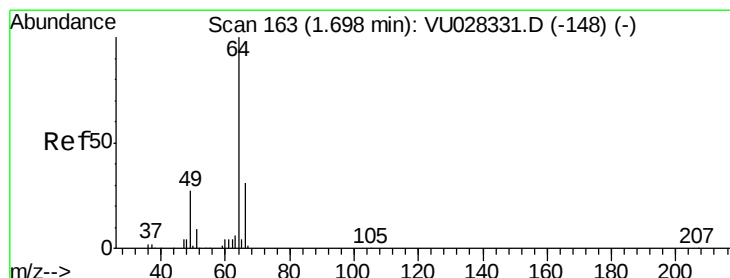
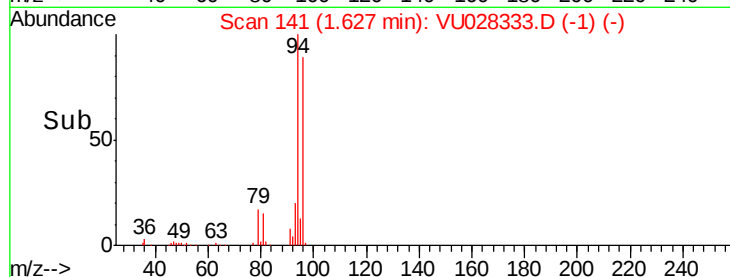
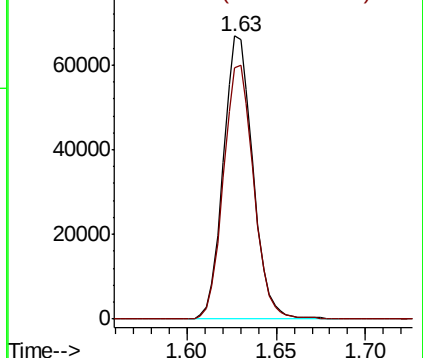
94 100

96 88.7 73.1 109.7



Abundance Ion 94.00 (93.70 to 94.70): VU0

Ion 96.00 (95.70 to 96.70): VU0



#6

Chloroethane

Concen: 9.843 ug/l

RT: 1.70 min Scan# 163

Delta R.T. -0.00 min

Lab File: VU028333.D

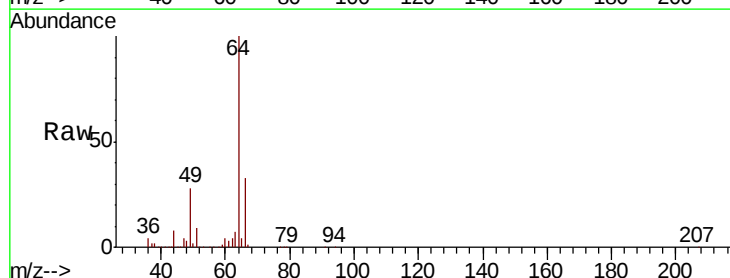
Acq: 26 Nov 2018 12:26

Tgt Ion: 64 Resp: 122184

Ion Ratio Lower Upper

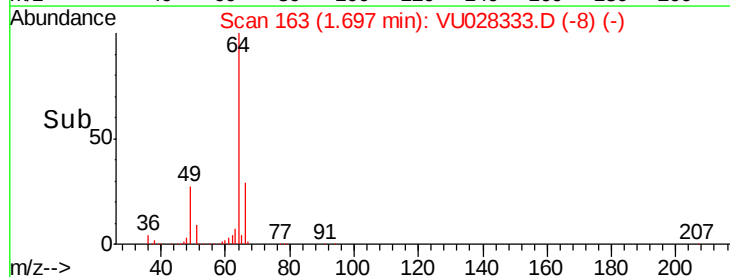
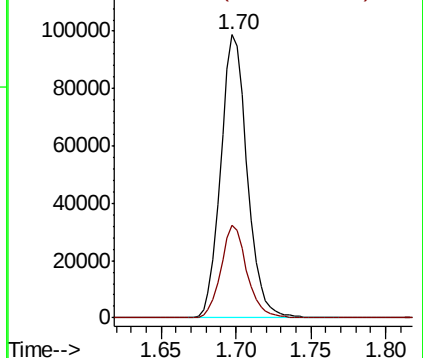
64 100

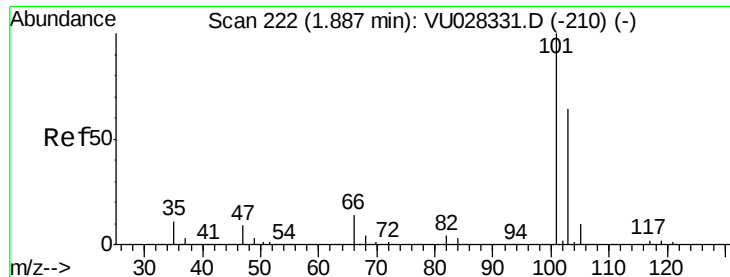
66 32.5 25.1 37.7



Abundance Ion 64.00 (63.70 to 64.70): VU0

Ion 66.00 (65.70 to 66.70): VU0





#7

Trichlorofluoromethane

Concen: 9.971 ug/l

RT: 1.89 min Scan# 222

Delta R.T. -0.00 min

Lab File: VU028333.D

Acq: 26 Nov 2018 12:26

Instrument :

MSVOA_U

ClientSampleId :

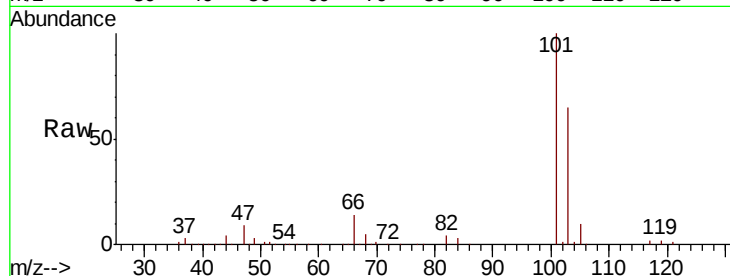
ICVVU112618

Tgt Ion:101 Resp: 231541

Ion Ratio Lower Upper

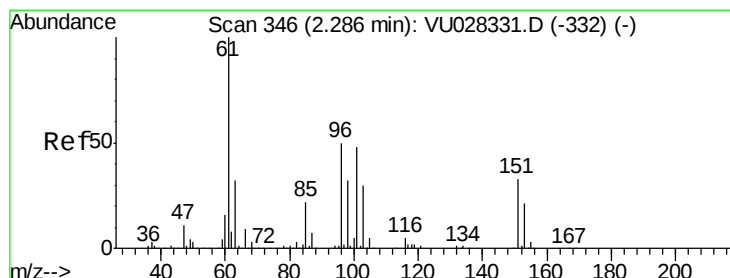
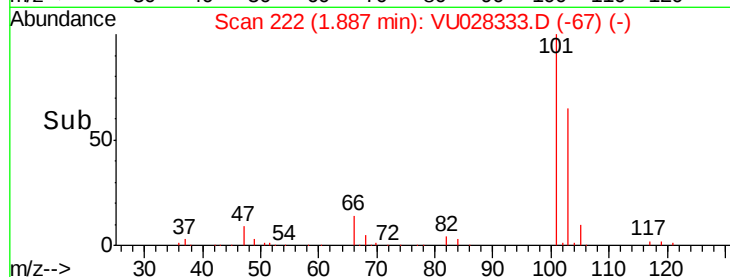
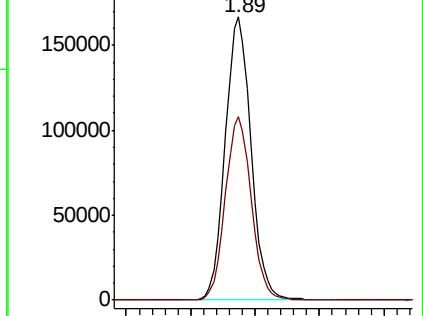
101 100

103 64.8 51.4 77.0



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#8

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 10.277 ug/l

RT: 2.29 min Scan# 346

Delta R.T. -0.00 min

Lab File: VU028333.D

Acq: 26 Nov 2018 12:26

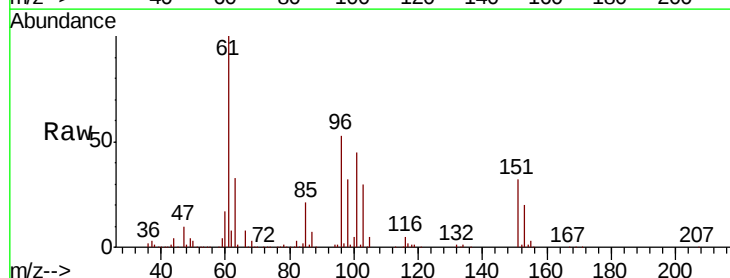
Tgt Ion:101 Resp: 137261

Ion Ratio Lower Upper

101 100

85 45.8 36.7 55.1

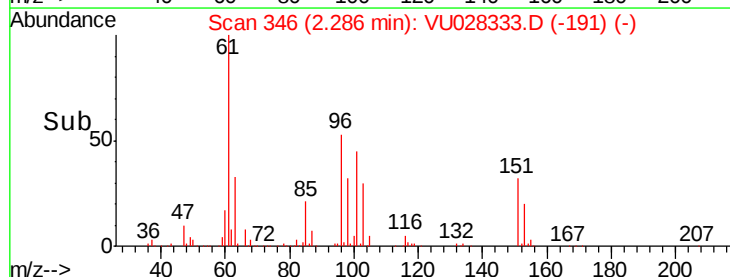
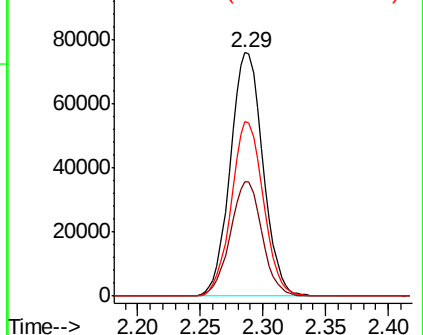
151 70.3 55.8 83.6

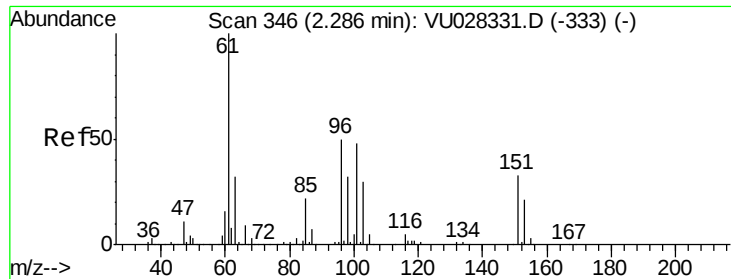


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V





#9

1,1-Dichloroethene

Concen: 10.710 ug/l

RT: 2.29 min Scan# 346

Delta R.T. -0.00 min

Lab File: VU028333.D

Acq: 26 Nov 2018 12:26

Instrument :

MSVOA_U

ClientSampleId :

ICVVU112618

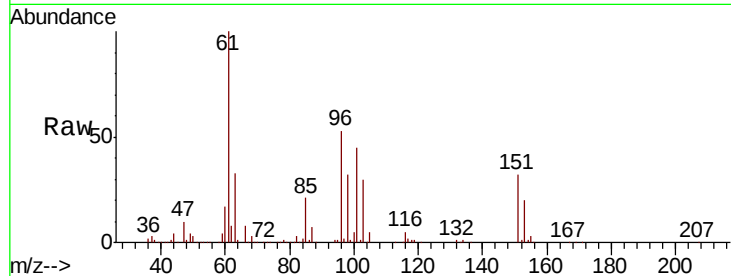
Tgt Ion: 96 Resp: 132307

Ion Ratio Lower Upper

96 100

61 190.4 0.0 597.6

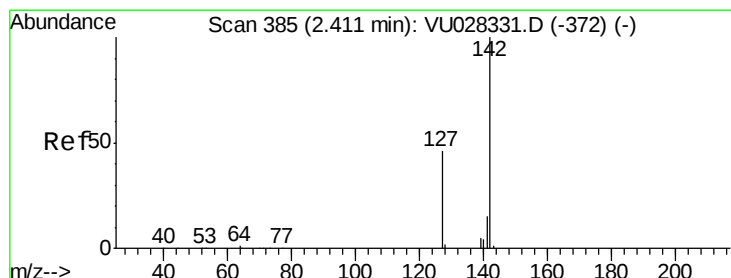
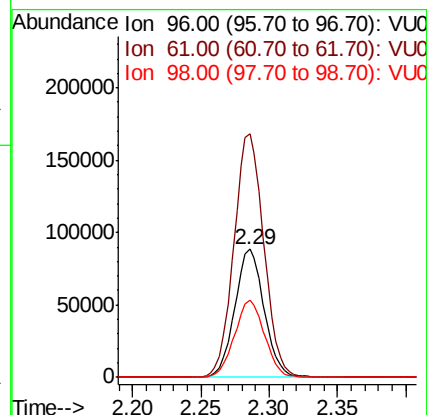
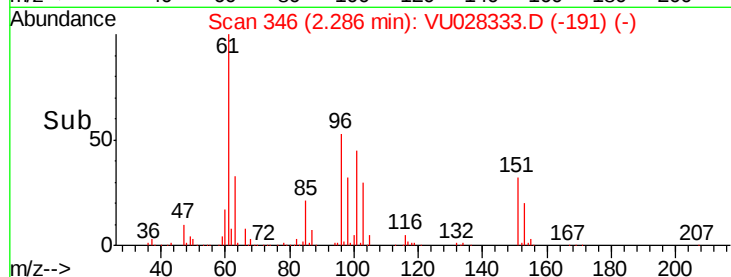
98 60.5 0.0 127.6



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 98.00 (97.70 to 98.70): VU0



#10

Iodomethane

Concen: 13.120 ug/l

RT: 2.41 min Scan# 385

Delta R.T. -0.00 min

Lab File: VU028333.D

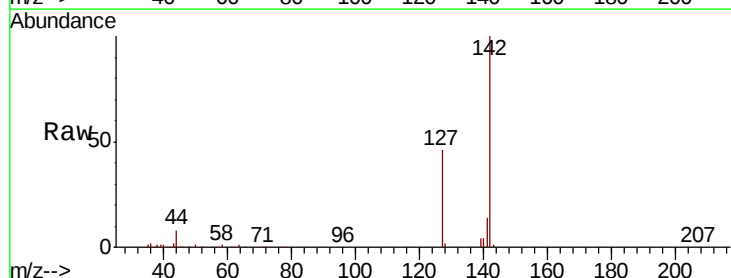
Acq: 26 Nov 2018 12:26

Tgt Ion:142 Resp: 109616

Ion Ratio Lower Upper

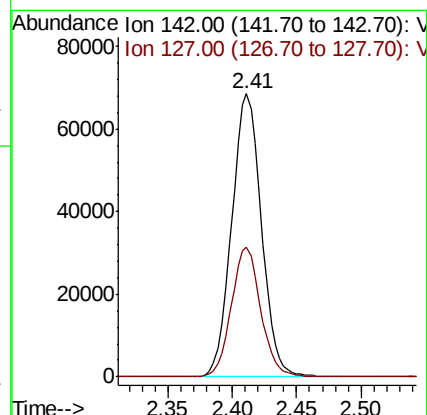
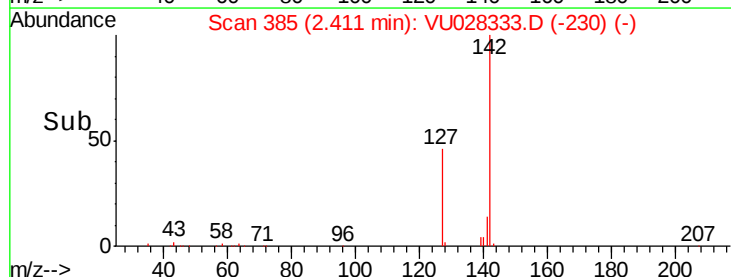
142 100

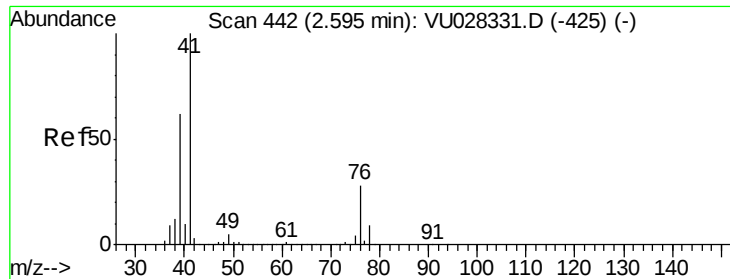
127 45.2 36.4 54.6



Abundance Ion 142.00 (141.70 to 142.70): V

Ion 127.00 (126.70 to 127.70): V

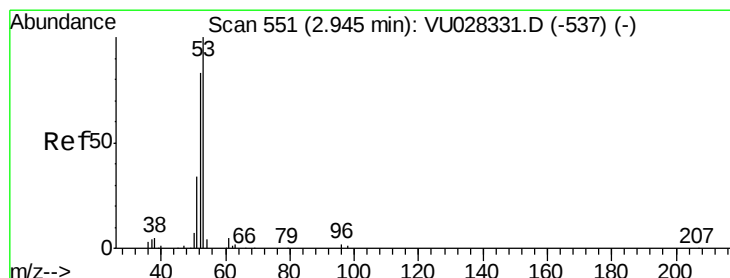
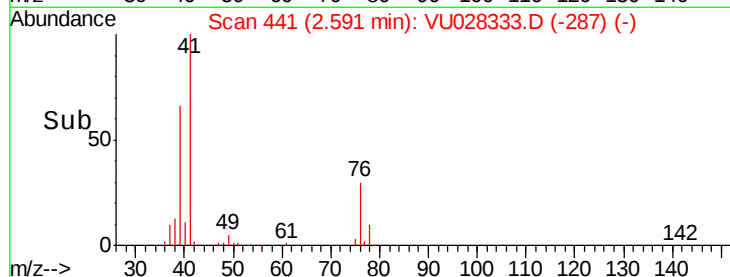
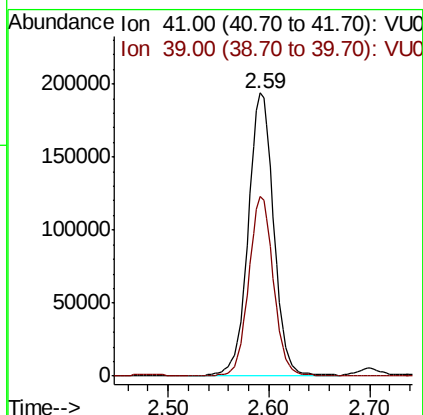
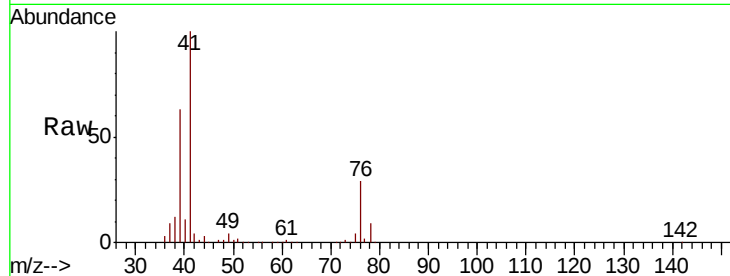




#11
 Allyl Chloride
 Concen: 10.775 ug/l
 RT: 2.59 min Scan# 441
 Delta R.T. -0.00 min
 Lab File: VU028333.D
 Acq: 26 Nov 2018 12:26

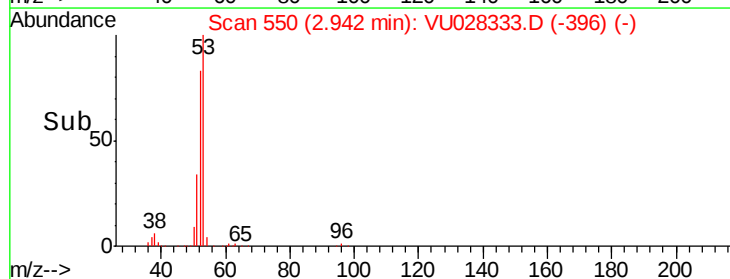
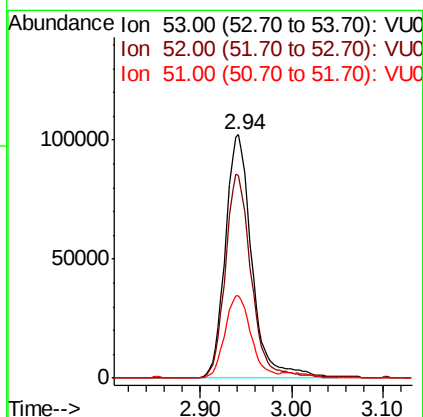
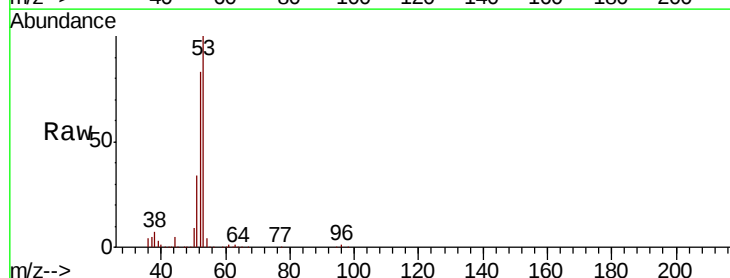
Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU112618

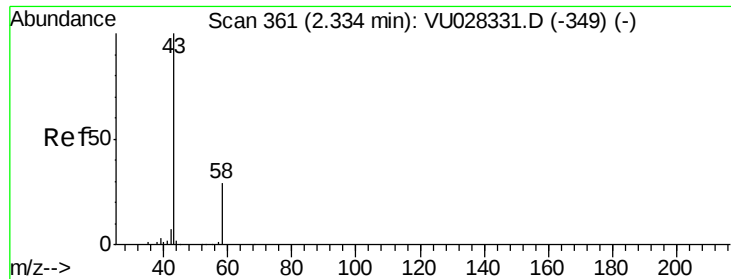
Tgt Ion: 41 Resp: 336064
 Ion Ratio Lower Upper
 41 100
 39 61.1 50.8 76.2



#12
 Acrylonitrile
 Concen: 52.720 ug/l
 RT: 2.94 min Scan# 550
 Delta R.T. -0.00 min
 Lab File: VU028333.D
 Acq: 26 Nov 2018 12:26

Tgt Ion: 53 Resp: 207459
 Ion Ratio Lower Upper
 53 100
 52 82.1 69.3 103.9
 51 33.2 27.8 41.8





#13

Acetone

Concen: 73.585 ug/l

RT: 2.33 min Scan# 360

Delta R.T. -0.00 min

Lab File: VU028333.D

Acq: 26 Nov 2018 12:26

Instrument :

MSVOA_U

ClientSampleId :

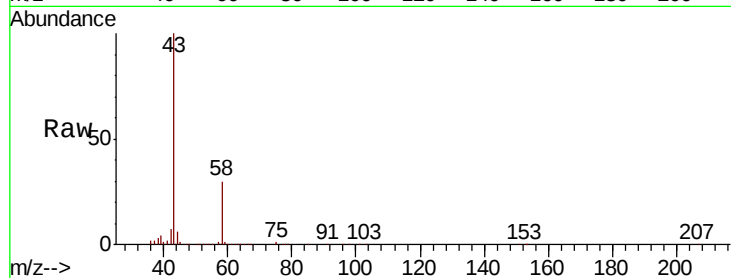
ICVVU112618

Tgt Ion: 43 Resp: 268339

Ion Ratio Lower Upper

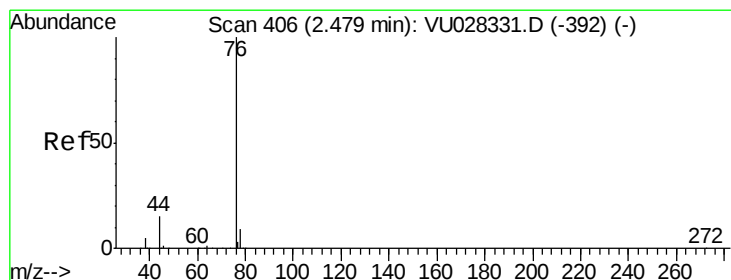
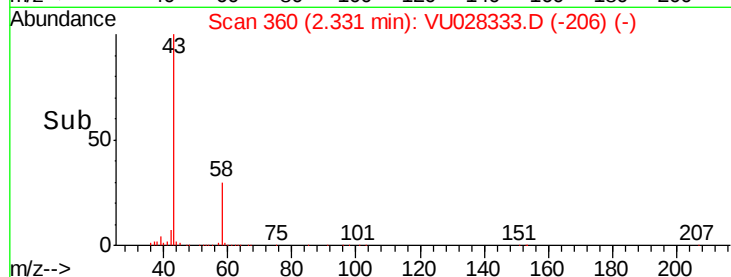
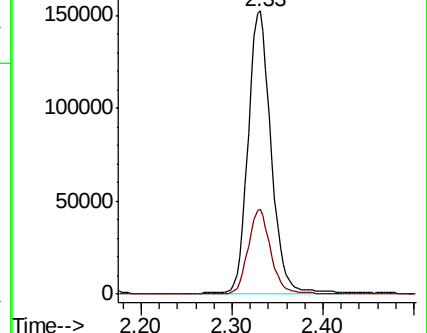
43 100

58 29.8 23.1 34.7



Abundance Ion 43.00 (42.70 to 43.70): VU028333.D (-360) (-)

Ion 58.00 (57.70 to 58.70): VU028333.D (-360) (-)



#14

Carbon Disulfide

Concen: 10.264 ug/l

RT: 2.48 min Scan# 405

Delta R.T. -0.00 min

Lab File: VU028333.D

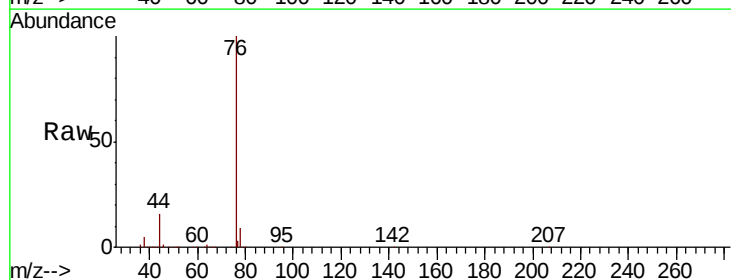
Acq: 26 Nov 2018 12:26

Tgt Ion: 76 Resp: 481630

Ion Ratio Lower Upper

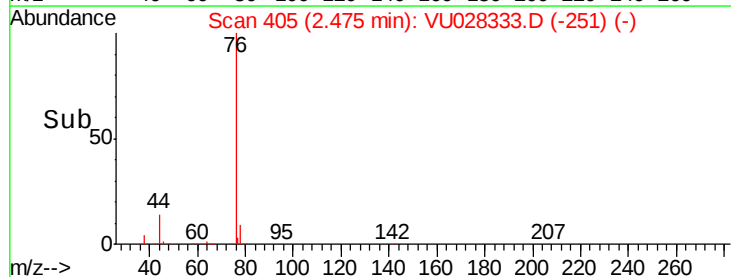
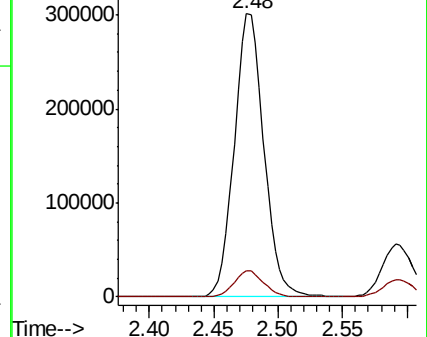
76 100

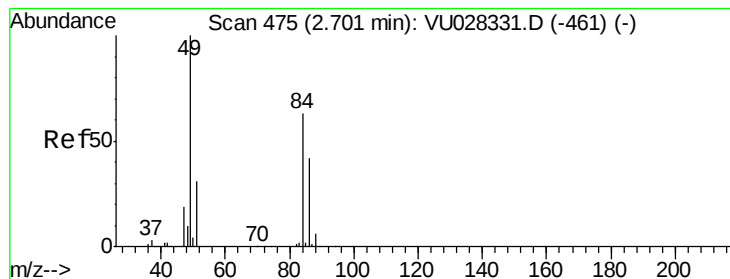
78 9.2 7.4 11.2



Abundance Ion 76.00 (75.70 to 76.70): VU028333.D (-405) (-)

Ion 78.00 (77.70 to 78.70): VU028333.D (-405) (-)





#15

Methylene Chloride

Concen: 10.036 ug/l

RT: 2.70 min Scan# 475

Delta R.T. -0.00 min

Lab File: VU028333.D

Acq: 26 Nov 2018 12:26

Instrument :

MSVOA_U

ClientSampleId :

ICVVU112618

Tgt Ion: 84 Resp: 151191

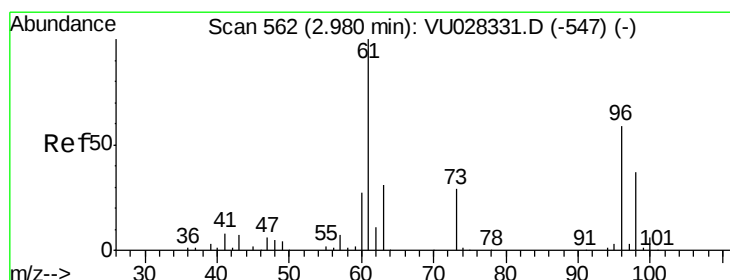
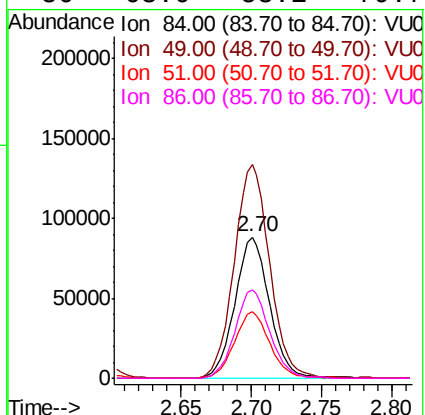
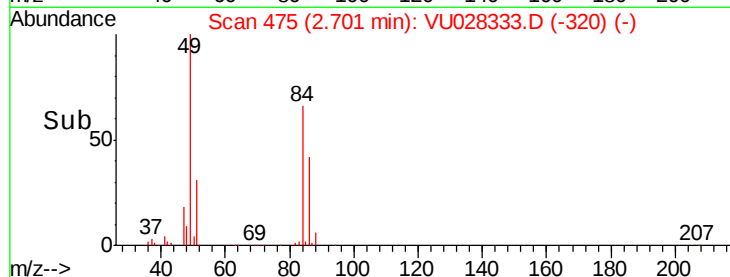
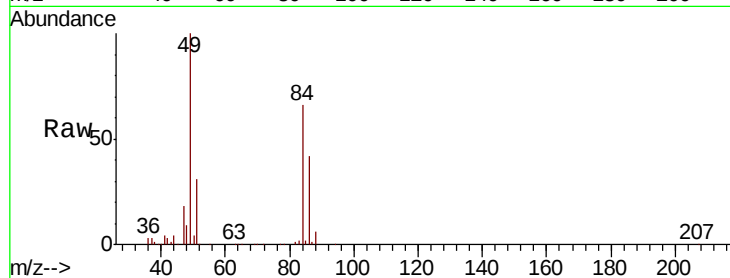
Ion Ratio Lower Upper

84 100

49 151.2 127.7 191.5

51 47.0 0.0 98.2

86 63.0 53.1 79.7



#16

trans-1,2-Dichloroethene

Concen: 10.319 ug/l

RT: 2.98 min Scan# 562

Delta R.T. -0.00 min

Lab File: VU028333.D

Acq: 26 Nov 2018 12:26

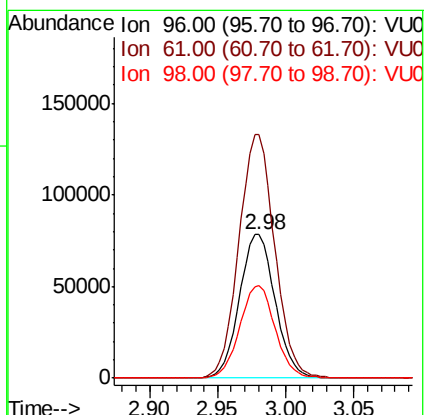
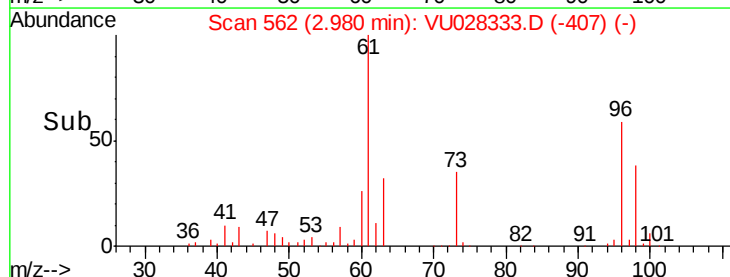
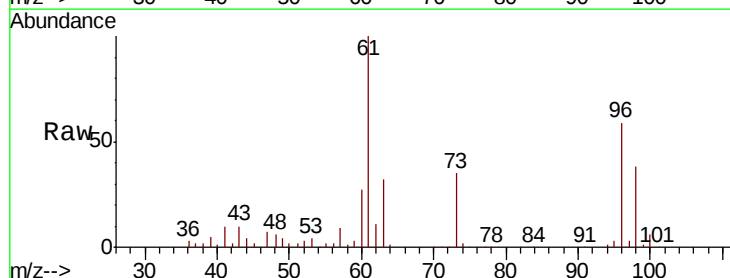
Tgt Ion: 96 Resp: 142668

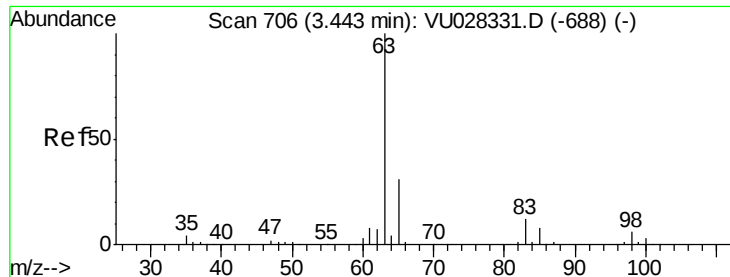
Ion Ratio Lower Upper

96 100

61 169.4 136.4 204.6

98 64.4 49.8 74.8

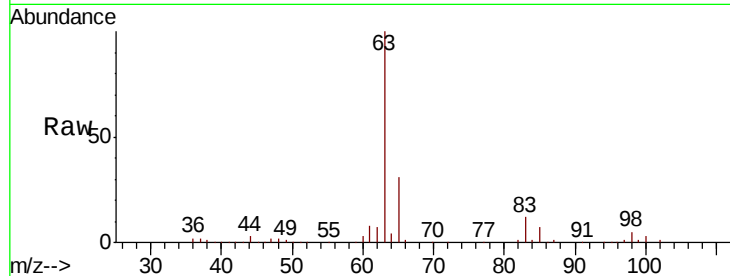




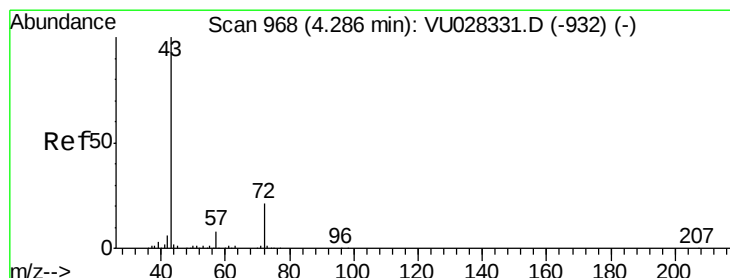
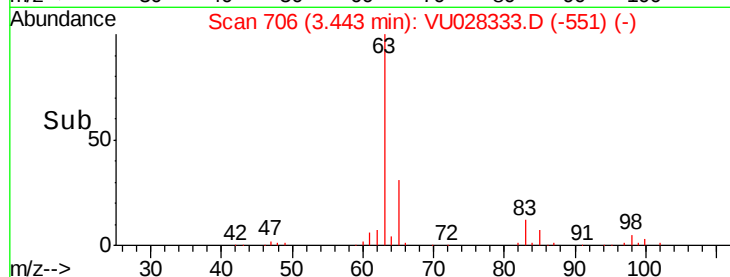
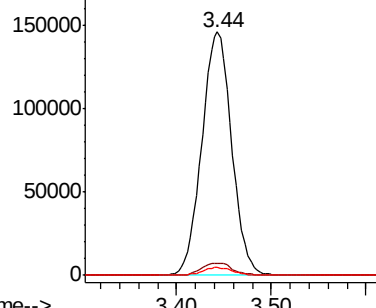
#17
 1,1-Dichloroethane
 Concen: 10.385 ug/l
 RT: 3.44 min Scan# 706
 Delta R.T. -0.00 min
 Lab File: VU028333.D
 Acq: 26 Nov 2018 12:26

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU112618

Tgt Ion:	63	Resp:	320068
Ion	Ratio	Lower	Upper
63	100		
98	5.1	3.0	9.0
100	3.2	1.8	5.3

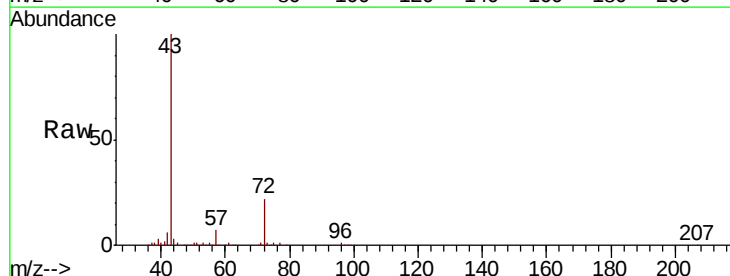


Abundance Ion 63.00 (62.70 to 63.70): VU0
 Ion 98.00 (97.70 to 98.70): VU0
 Ion 100.00 (99.70 to 100.70): VU0

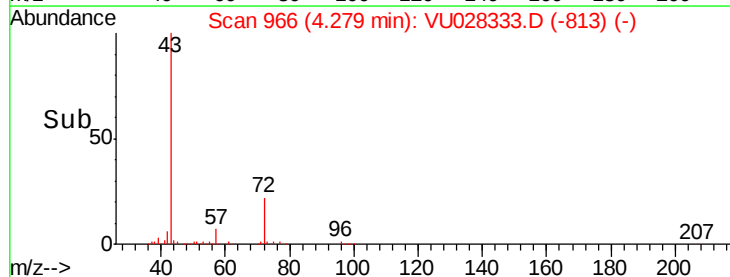
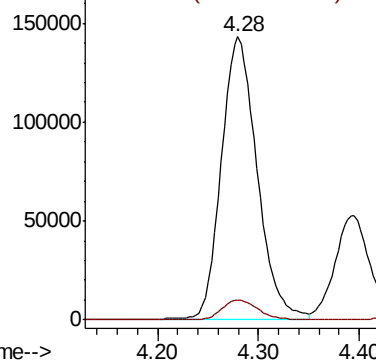


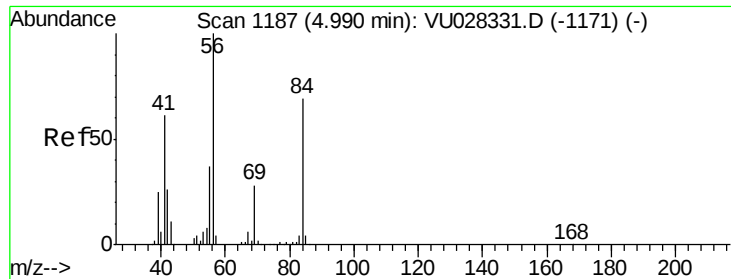
#18
 2-Butanone
 Concen: 63.955 ug/l
 RT: 4.28 min Scan# 966
 Delta R.T. -0.01 min
 Lab File: VU028333.D
 Acq: 26 Nov 2018 12:26

Tgt Ion:	43	Resp:	348501
Ion	Ratio	Lower	Upper
43	100		
57	7.1	0.0	15.0



Abundance Ion 43.00 (42.70 to 43.70): VU0
 Ion 57.00 (56.70 to 57.70): VU0

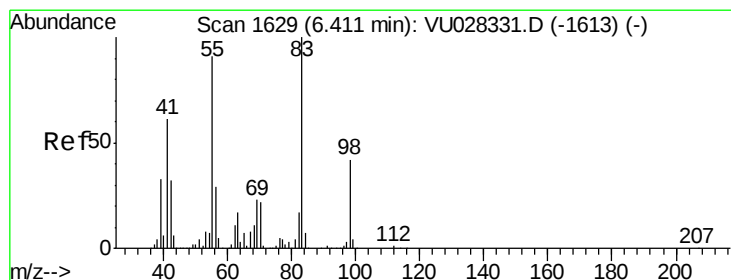
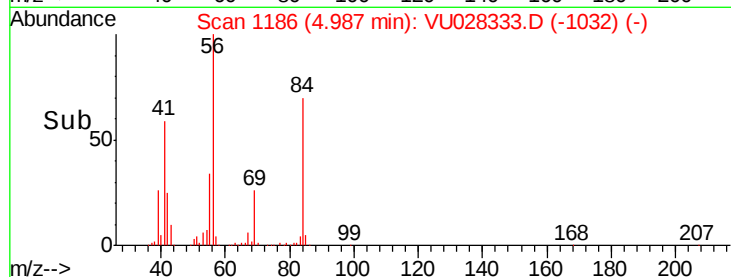
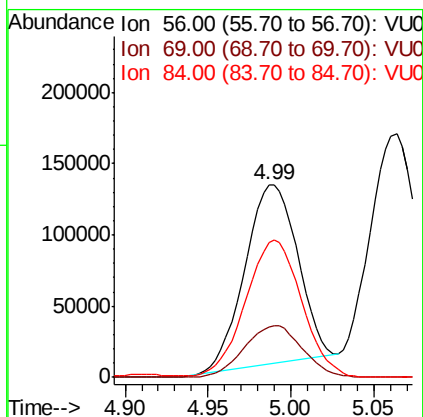
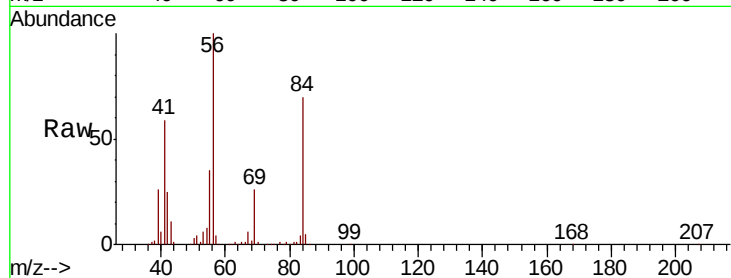




#19
Cyclohexane
Concen: 10.452 ug/l
RT: 4.99 min Scan# 1186
Delta R.T. -0.00 min
Lab File: VU028333.D
Acq: 26 Nov 2018 12:26

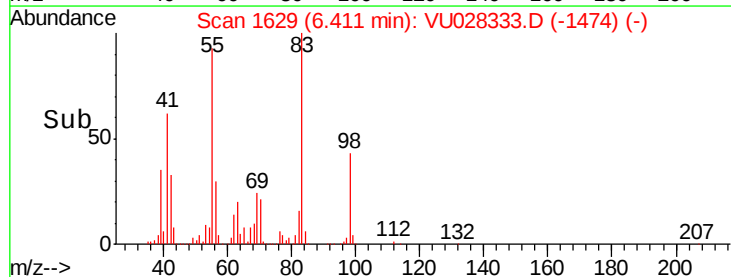
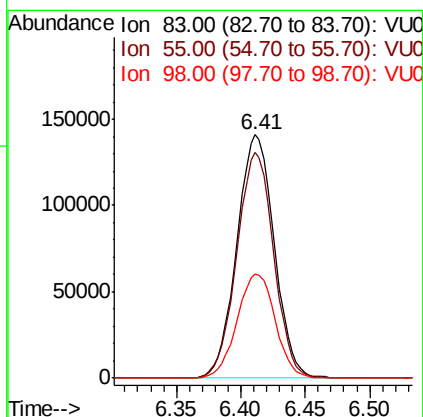
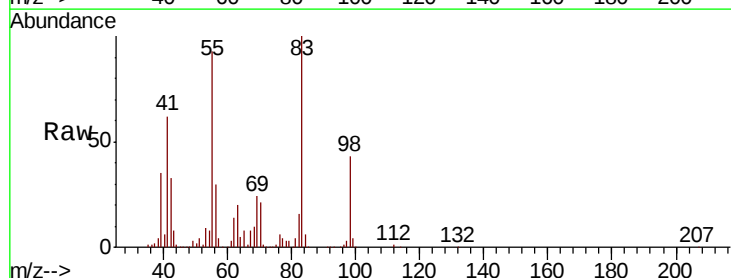
Instrument :
MSVOA_U
ClientSampleId :
ICVVU112618

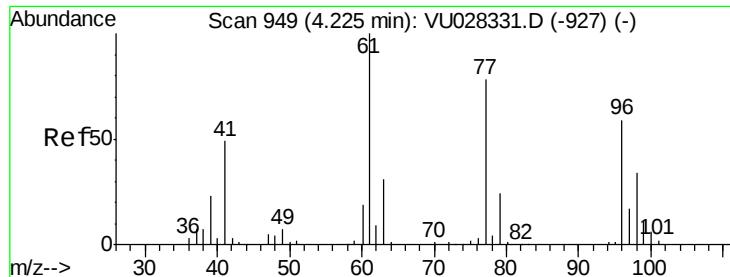
Tgt Ion: 56 Resp: 279654
Ion Ratio Lower Upper
56 100
69 31.8 25.0 37.6
84 80.5 62.6 94.0



#20
Methylcyclohexane
Concen: 10.810 ug/l
RT: 6.41 min Scan# 1629
Delta R.T. -0.00 min
Lab File: VU028333.D
Acq: 26 Nov 2018 12:26

Tgt Ion: 83 Resp: 283138
Ion Ratio Lower Upper
83 100
55 91.7 72.6 108.8
98 43.7 33.8 50.8

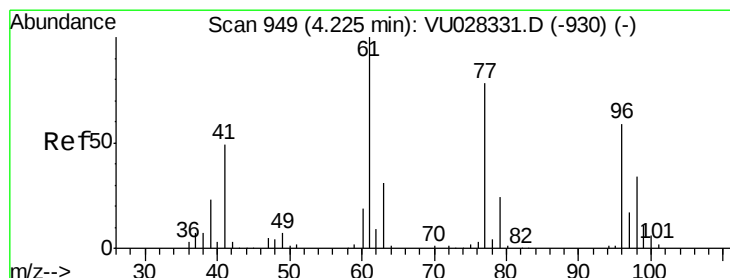
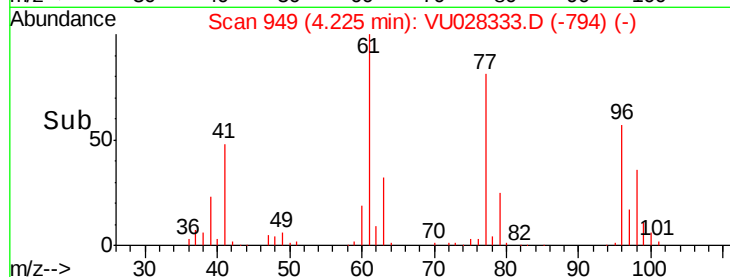
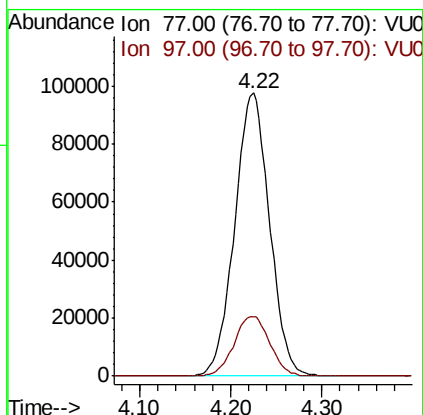
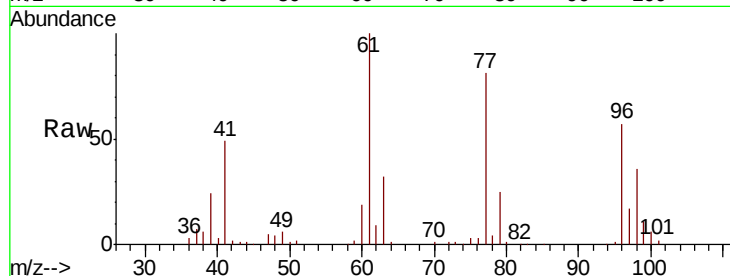




#21
 2,2-Dichloropropane
 Concen: 10.492 ug/l
 RT: 4.22 min Scan# 949
 Delta R.T. -0.00 min
 Lab File: VU028333.D
 Acq: 26 Nov 2018 12:26

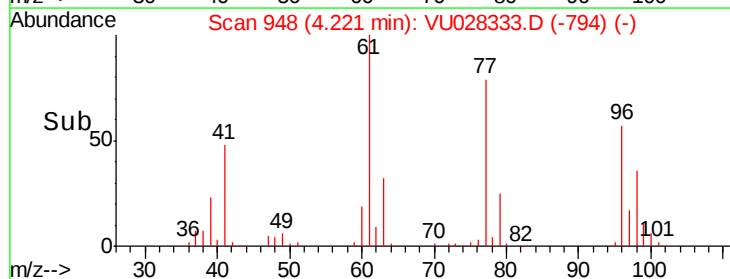
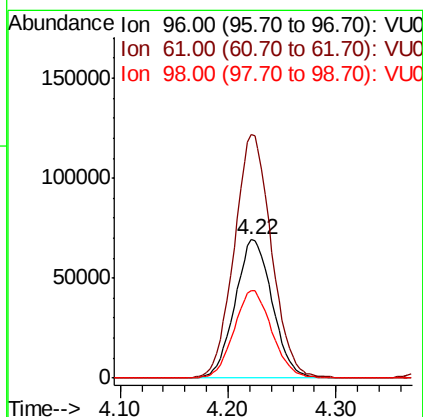
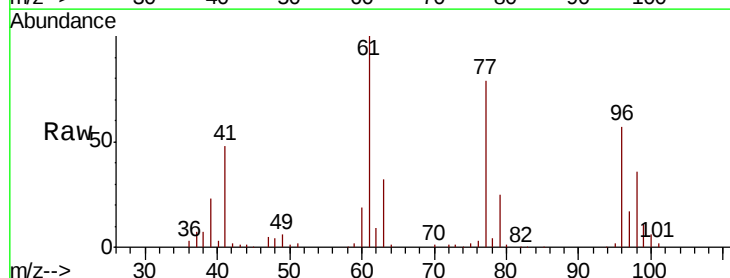
Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU112618

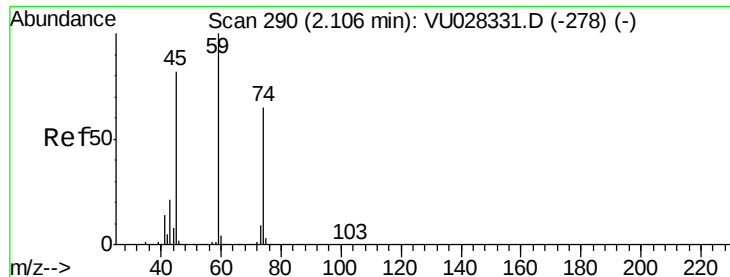
Tgt Ion: 77 Resp: 259543
 Ion Ratio Lower Upper
 77 100
 97 21.7 17.4 26.2



#22
 cis-1,2-Dichloroethene
 Concen: 10.318 ug/l
 RT: 4.22 min Scan# 948
 Delta R.T. -0.00 min
 Lab File: VU028333.D
 Acq: 26 Nov 2018 12:26

Tgt Ion: 96 Resp: 166934
 Ion Ratio Lower Upper
 96 100
 61 175.7 0.0 423.0
 98 64.2 30.3 91.0

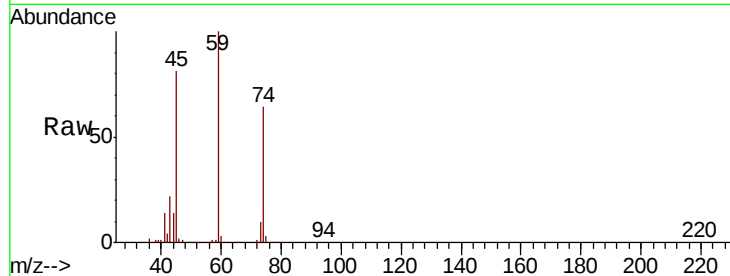




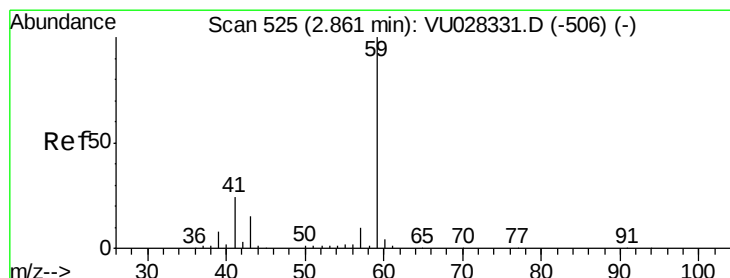
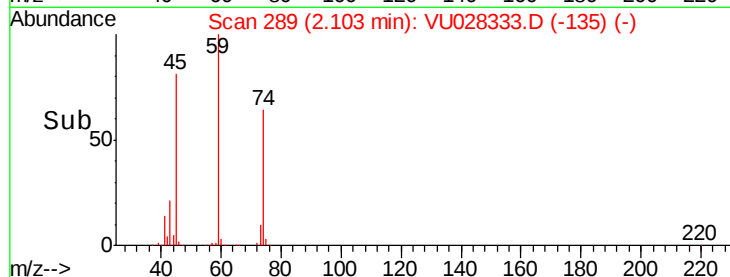
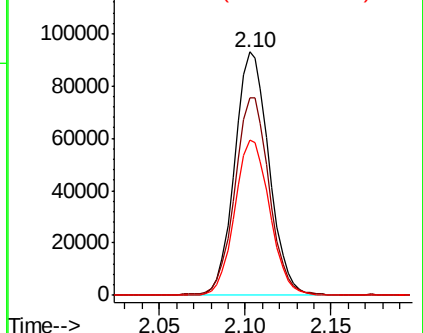
#23
Diethyl Ether
Concen: 10.453 ug/l
RT: 2.10 min Scan# 289
Delta R.T. -0.00 min
Lab File: VU028333.D
Acq: 26 Nov 2018 12:26

Instrument :
MSVOA_U
ClientSampleId :
ICVVU112618

Tgt Ion: 59 Resp: 129449
Ion Ratio Lower Upper
59 100
45 80.8 66.4 99.6
74 65.1 52.2 78.4

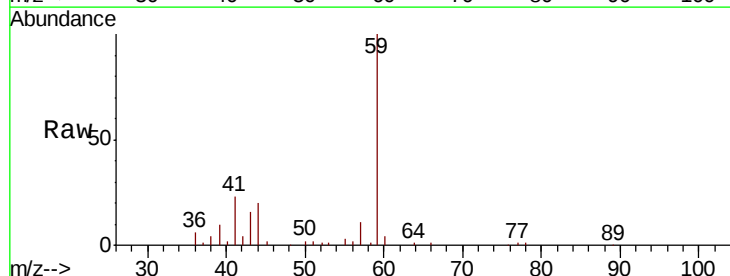


Abundance Ion 59.00 (58.70 to 59.70): VU0
Ion 45.00 (44.70 to 45.70): VU0
Ion 74.00 (73.70 to 74.70): VU0

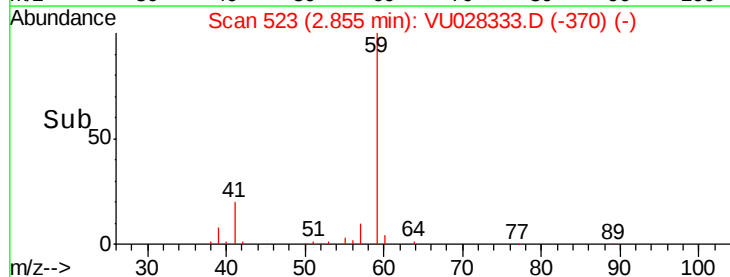
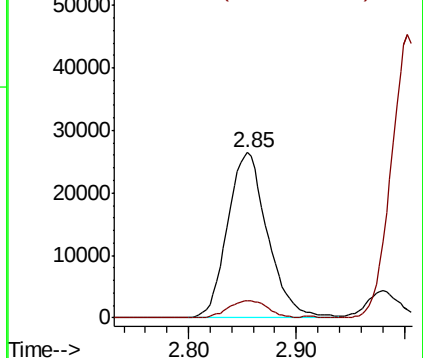


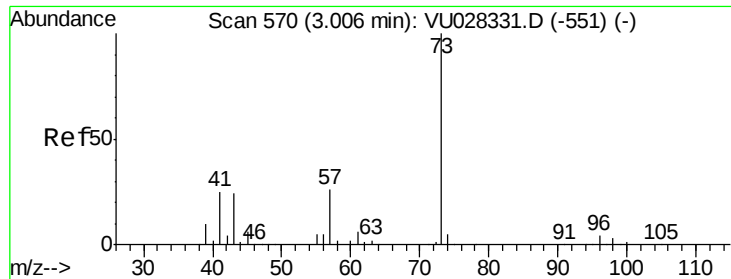
#24
tert-Butyl Alcohol
Concen: 55.109 ug/l
RT: 2.85 min Scan# 523
Delta R.T. -0.01 min
Lab File: VU028333.D
Acq: 26 Nov 2018 12:26

Tgt Ion: 59 Resp: 68503
Ion Ratio Lower Upper
59 100
57 10.3 8.2 12.4



Abundance Ion 59.00 (58.70 to 59.70): VU0
Ion 57.00 (56.70 to 57.70): VU0



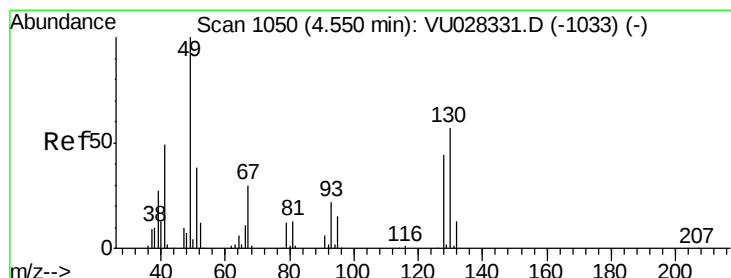
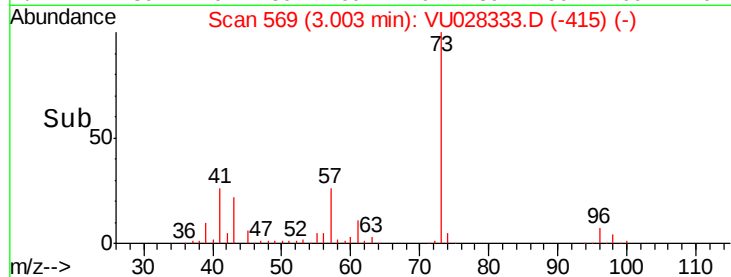
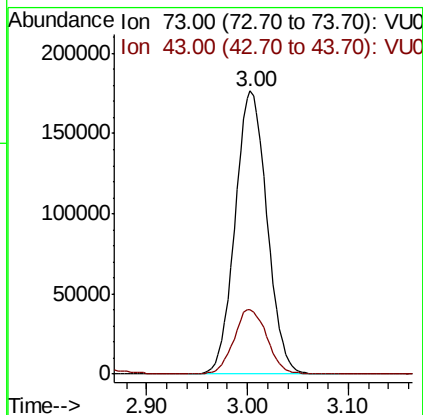
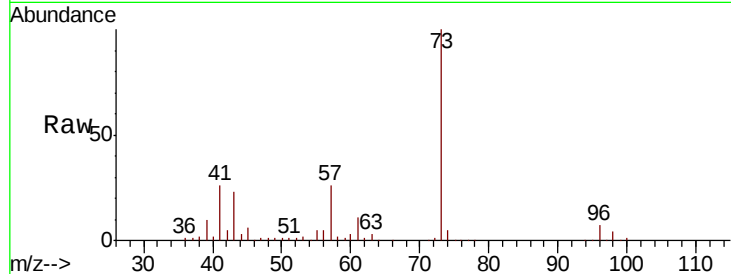


#25

Methyl tert-Butyl Ether
Concen: 10.540 ug/l
RT: 3.00 min Scan# 569
Delta R.T. -0.00 min
Lab File: VU028333.D
Acq: 26 Nov 2018 12:26

Instrument :
MSVOA_U
ClientSampleId :
ICVVU112618

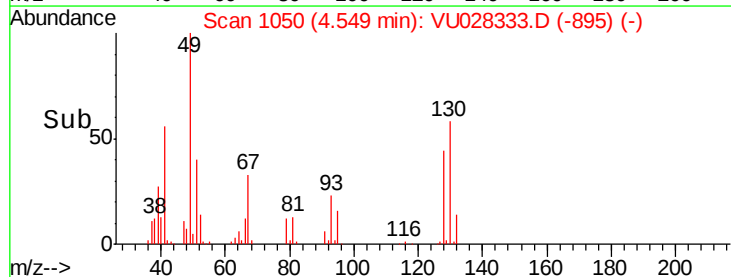
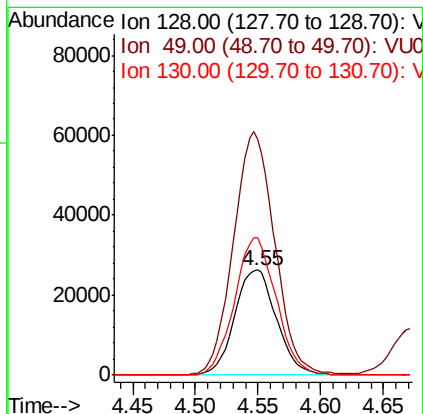
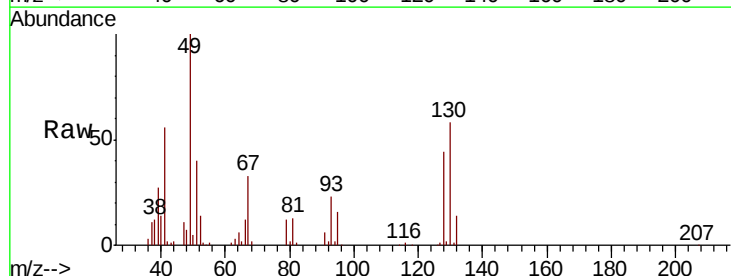
Tgt Ion: 73 Resp: 386765
Ion Ratio Lower Upper
73 100
43 23.2 18.5 27.7

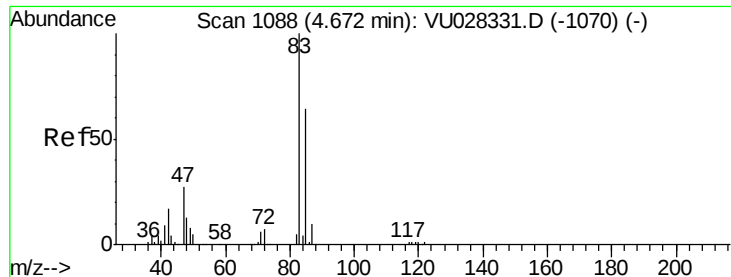


#26

Bromochloromethane
Concen: 9.866 ug/l
RT: 4.55 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VU028333.D
Acq: 26 Nov 2018 12:26

Tgt Ion: 128 Resp: 60846
Ion Ratio Lower Upper
128 100
49 229.3 0.0 457.6
130 130.3 101.4 152.2

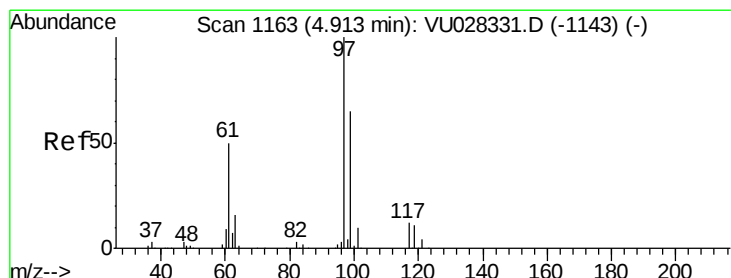
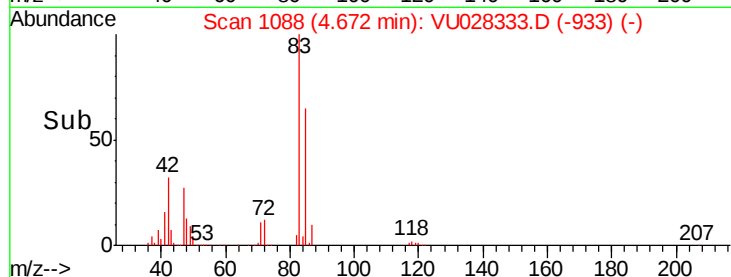
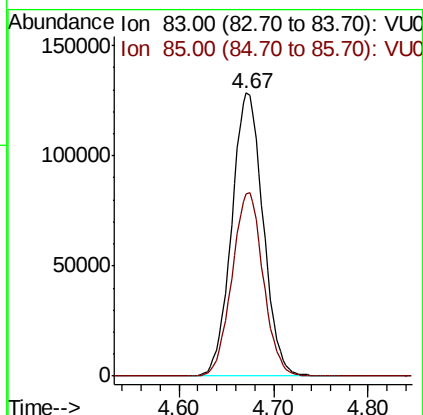
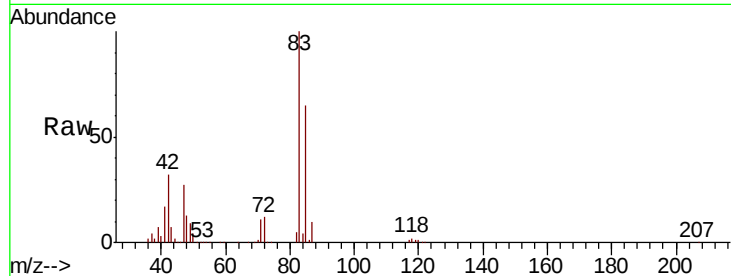




#27
Chloroform
Concen: 9.957 ug/l
RT: 4.67 min Scan# 1088
Delta R.T. -0.00 min
Lab File: VU028333.D
Acq: 26 Nov 2018 12:26

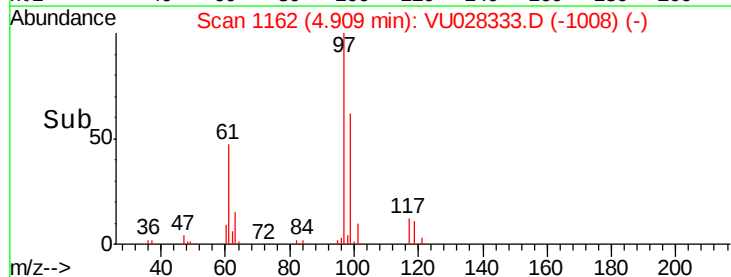
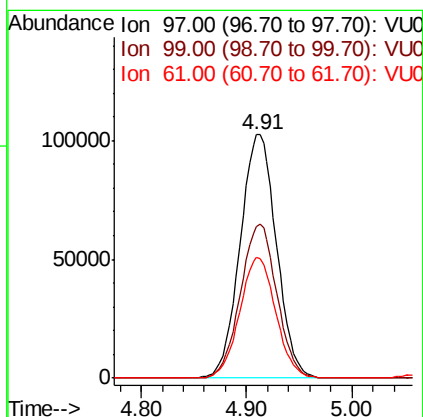
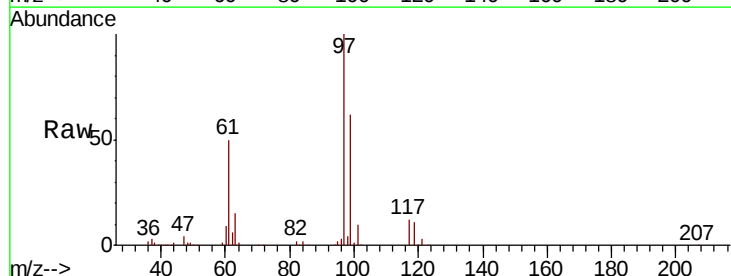
Instrument :
MSVOA_U
ClientSampleId :
ICVVU112618

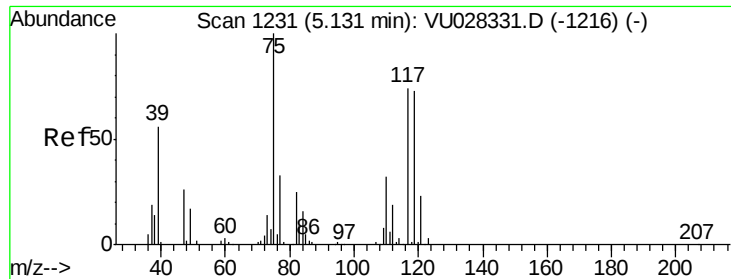
Tgt Ion: 83 Resp: 295954
Ion Ratio Lower Upper
83 100
85 64.5 0.0 128.0



#28
1,1,1-Trichloroethane
Concen: 10.581 ug/l
RT: 4.91 min Scan# 1162
Delta R.T. -0.00 min
Lab File: VU028333.D
Acq: 26 Nov 2018 12:26

Tgt Ion: 97 Resp: 245616
Ion Ratio Lower Upper
97 100
99 63.4 32.2 96.6
61 49.3 24.9 74.7

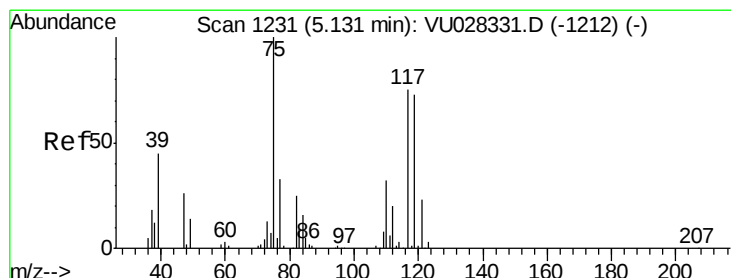
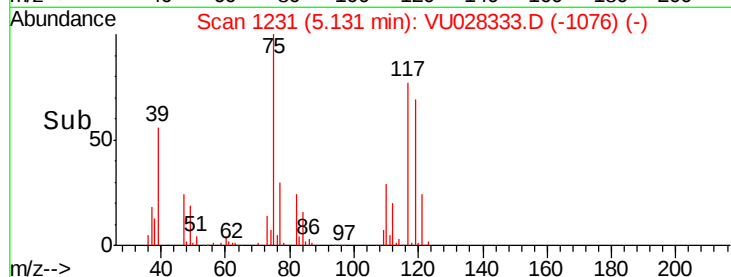
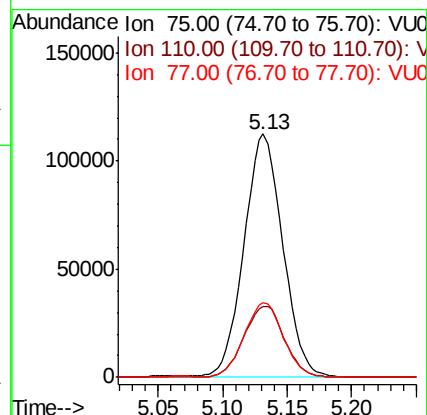
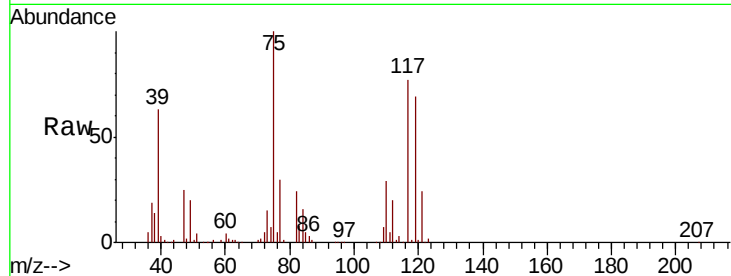




#29
 1,1-Dichloropropene
 Concen: 10.472 ug/l
 RT: 5.13 min Scan# 1231
 Delta R.T. -0.00 min
 Lab File: VU028333.D
 Acq: 26 Nov 2018 12:26

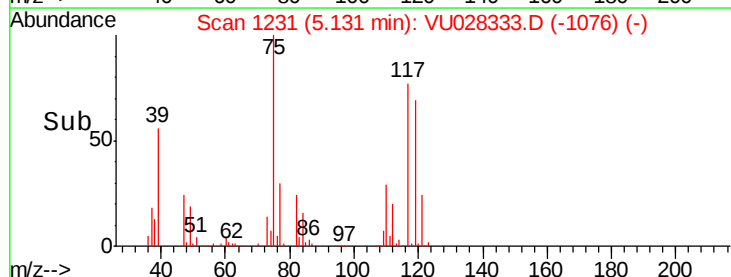
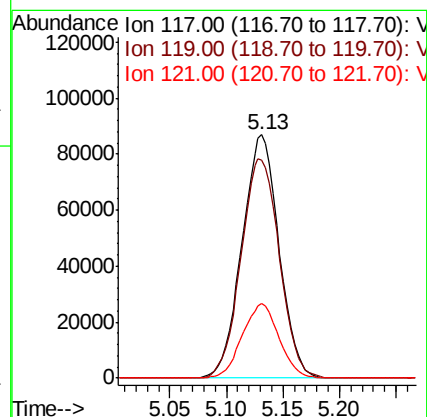
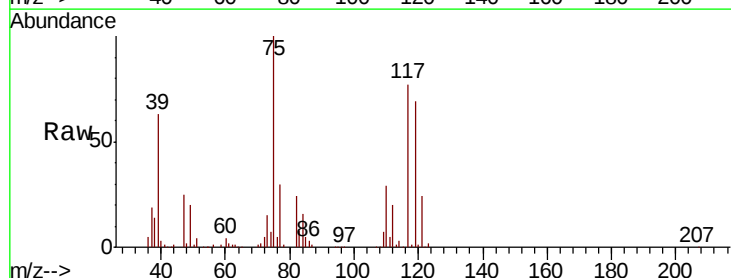
Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU112618

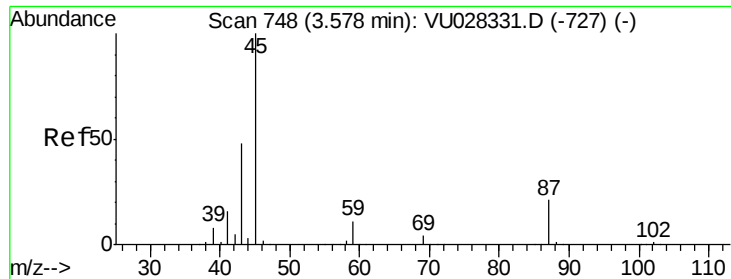
Tgt Ion	Ratio	Lower	Upper
75	100		
110	31.2	15.8	47.3
77	31.5	25.4	38.0



#30
 Carbon Tetrachloride
 Concen: 10.526 ug/l
 RT: 5.13 min Scan# 1231
 Delta R.T. -0.00 min
 Lab File: VU028333.D
 Acq: 26 Nov 2018 12:26

Tgt Ion	Ratio	Lower	Upper
117	100		
119	89.5	78.2	117.4
121	30.5	24.7	37.1





#31

Isopropyl Ether

Concen: 11.392 ug/l

RT: 3.58 min Scan# 748

Delta R.T. -0.00 min

Lab File: VU028333.D

Acq: 26 Nov 2018 12:26

Instrument :

MSVOA_U

ClientSampleId :

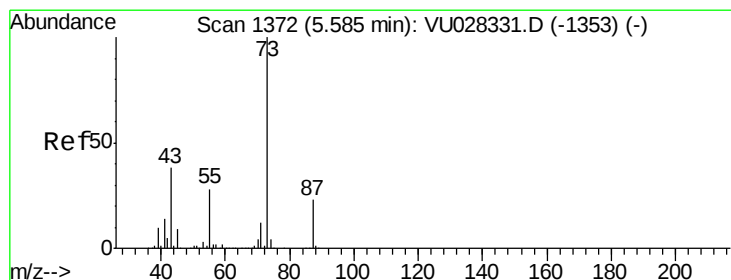
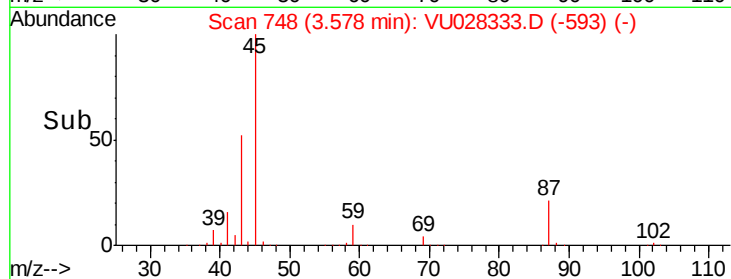
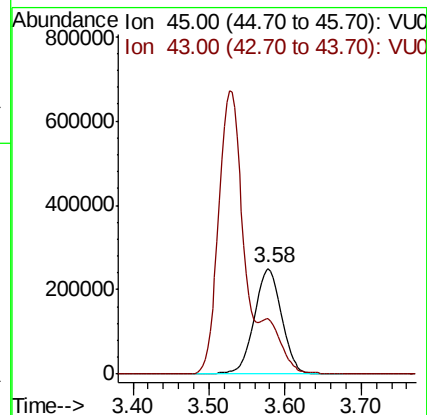
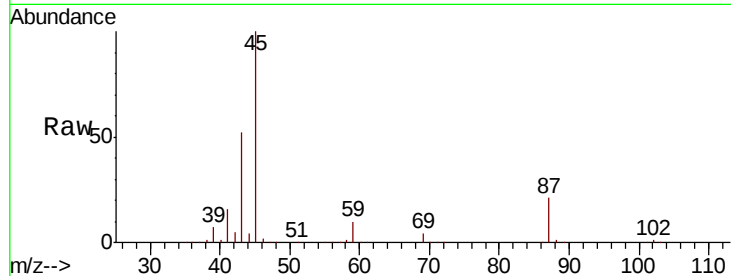
ICVVU112618

Tgt Ion: 45 Resp: 628798

Ion Ratio Lower Upper

45 100

43 237.1 24.2 72.6#



#33

Tert-Amyl methyl ether

Concen: 0.319 ug/l

RT: 5.39 min Scan# 1310

Delta R.T. -0.20 min

Lab File: VU028333.D

Acq: 26 Nov 2018 12:26

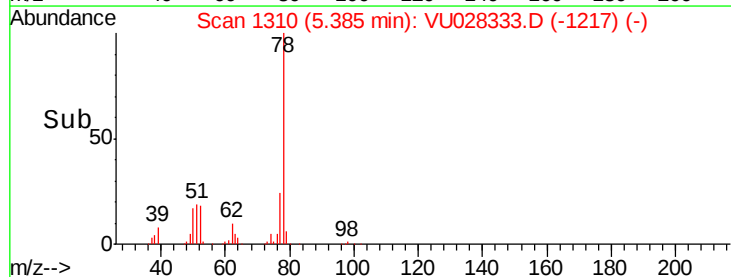
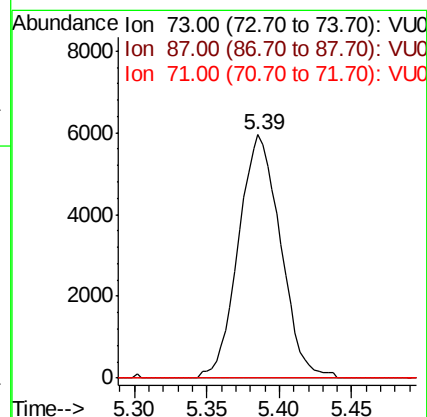
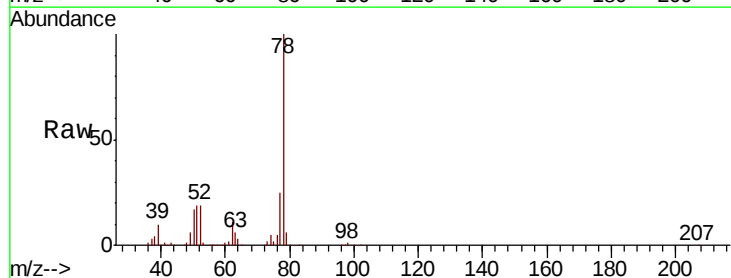
Tgt Ion: 73 Resp: 12020

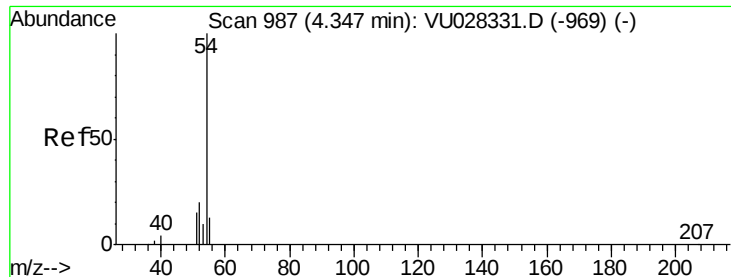
Ion Ratio Lower Upper

73 100

87 211.1 17.6 26.4#

71 0.0 9.2 13.8#





#34

Propionitrile

Concen: 112.391 ug/l

RT: 4.34 min Scan# 985

Delta R.T. -0.01 min

Lab File: VU028333.D

Acq: 26 Nov 2018 12:26

Instrument :

MSVOA_U

ClientSampleId :

ICVVU112618

Tgt Ion: 54 Resp: 153850

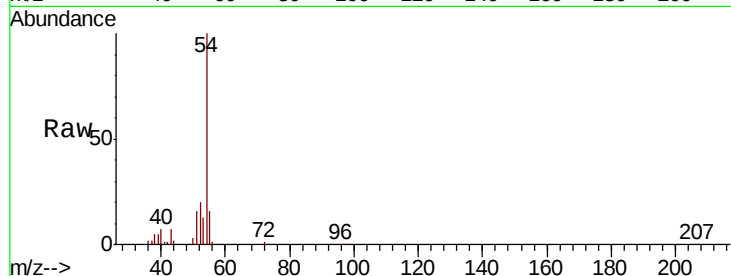
Ion Ratio Lower Upper

54 100

52 18.7 16.6 25.0

55 13.4 12.9 19.3

40 6.3 2.6 4.0#

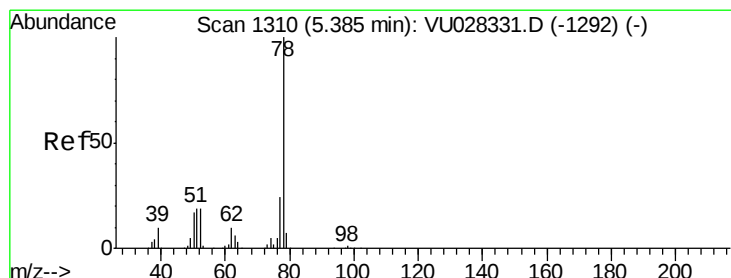
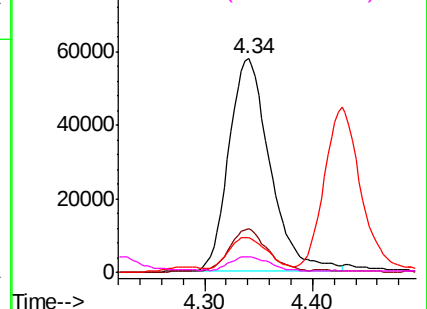
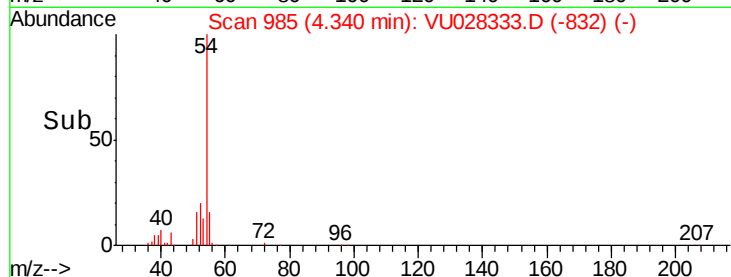


Abundance Ion 54.00 (53.70 to 54.70): VU0

Ion 52.00 (51.70 to 52.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 40.00 (39.70 to 40.70): VU0



#35

Benzene

Concen: 10.584 ug/l

RT: 5.39 min Scan# 1310

Delta R.T. -0.00 min

Lab File: VU028333.D

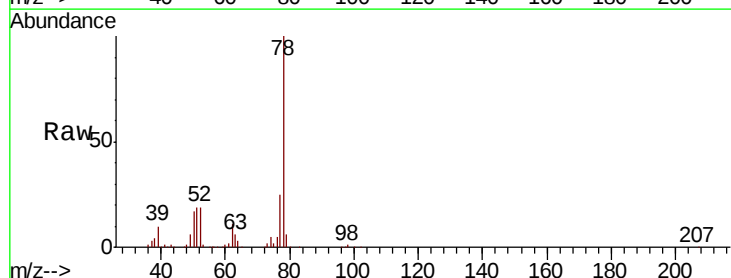
Acq: 26 Nov 2018 12:26

Tgt Ion: 78 Resp: 693771

Ion Ratio Lower Upper

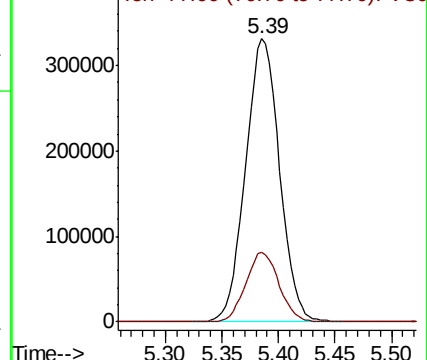
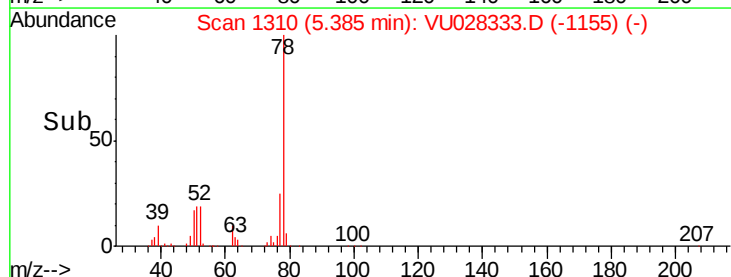
78 100

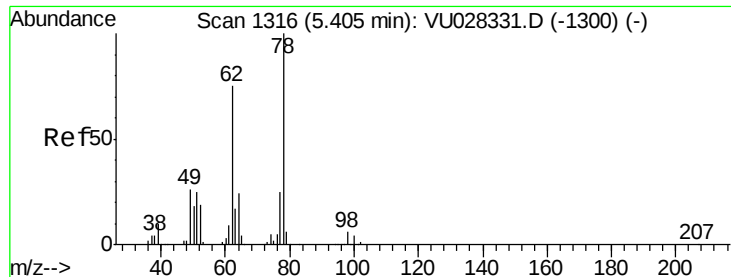
77 24.5 19.5 29.3



Abundance Ion 78.10 (77.80 to 78.80): VU0

Ion 77.00 (76.70 to 77.70): VU0





#36

1,2-Dichloroethane

Concen: 10.256 ug/l

RT: 5.40 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VU028333.D

Acq: 26 Nov 2018 12:26

Instrument :

MSVOA_U

ClientSampleId :

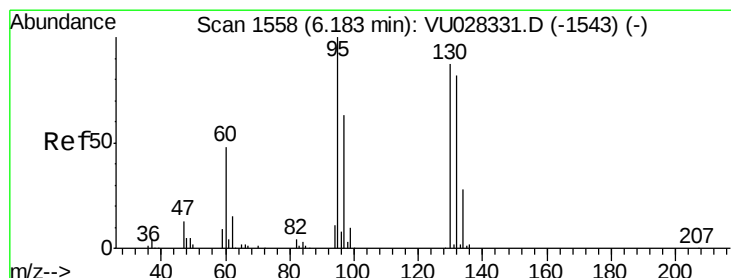
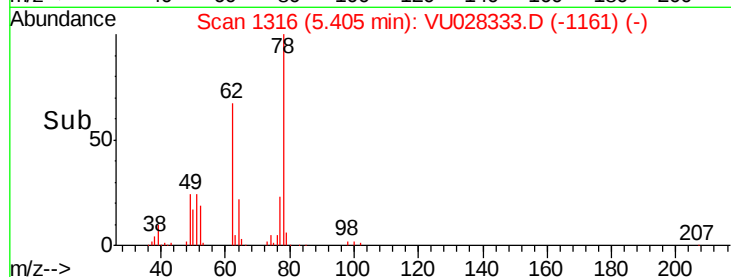
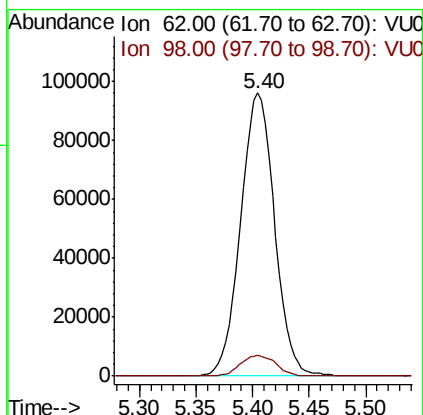
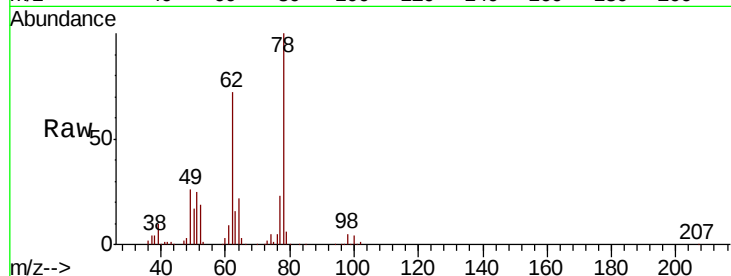
ICVVU112618

Tgt Ion: 62 Resp: 201078

Ion Ratio Lower Upper

62 100

98 7.8 6.0 9.0



#37

Trichloroethene

Concen: 10.569 ug/l

RT: 6.18 min Scan# 1558

Delta R.T. -0.00 min

Lab File: VU028333.D

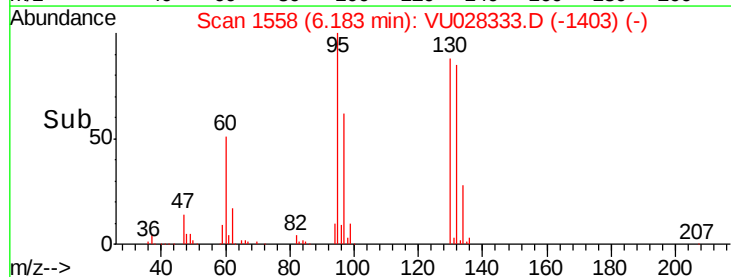
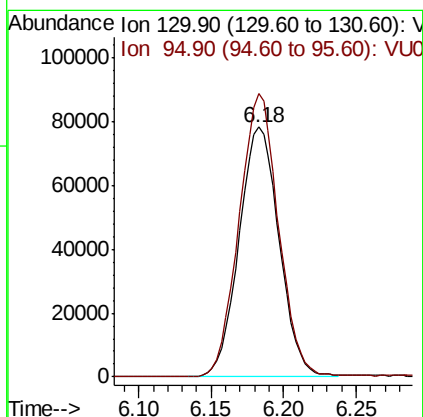
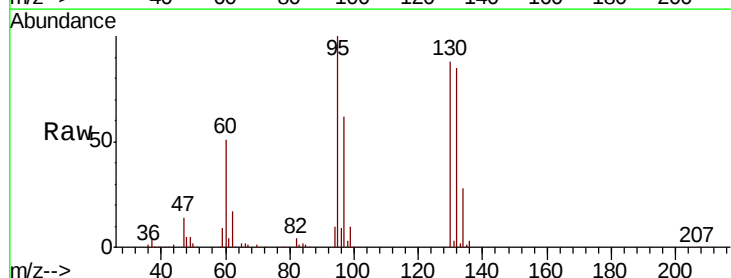
Acq: 26 Nov 2018 12:26

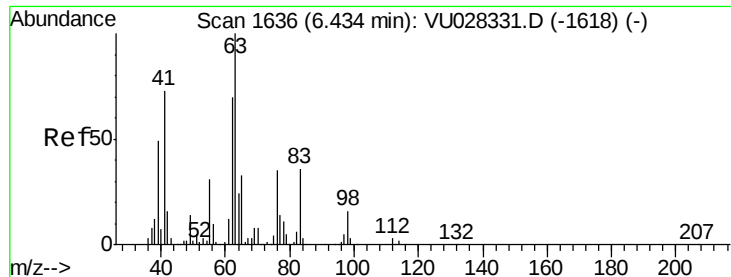
Tgt Ion: 130 Resp: 150904

Ion Ratio Lower Upper

130 100

95 113.5 91.5 137.3

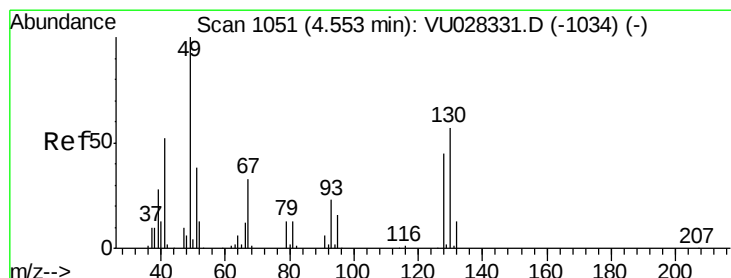
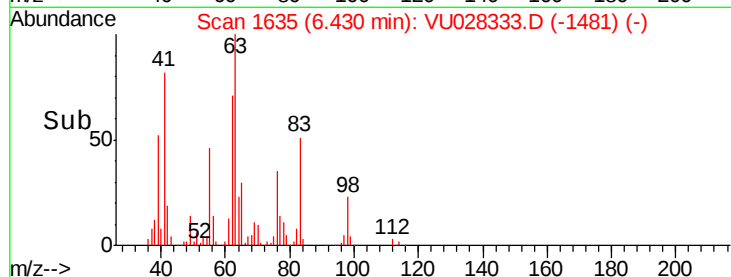
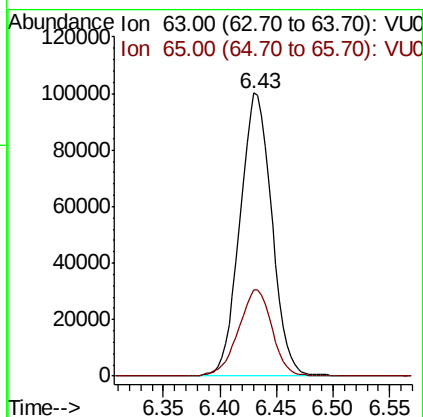
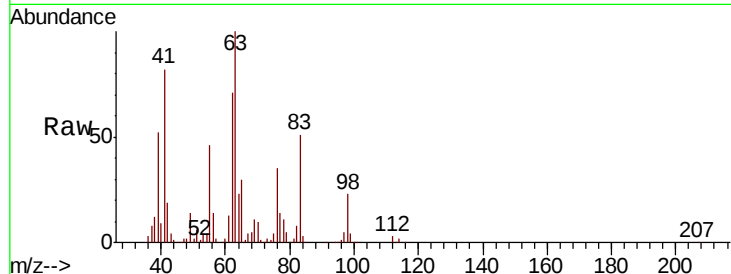




#38
 1,2-Dichloropropane
 Concen: 10.552 ug/l
 RT: 6.43 min Scan# 1635
 Delta R.T. -0.00 min
 Lab File: VU028333.D
 Acq: 26 Nov 2018 12:26

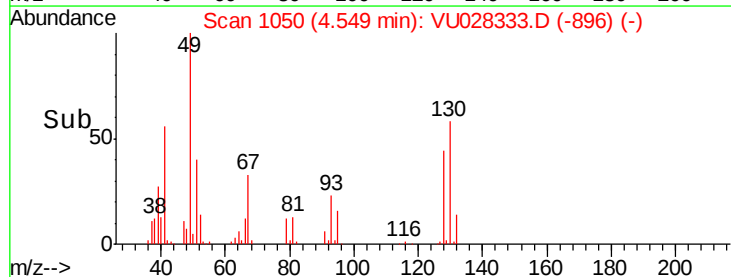
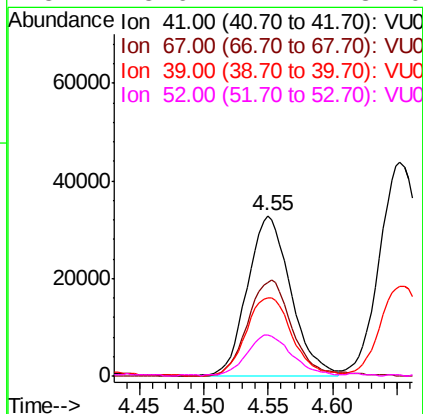
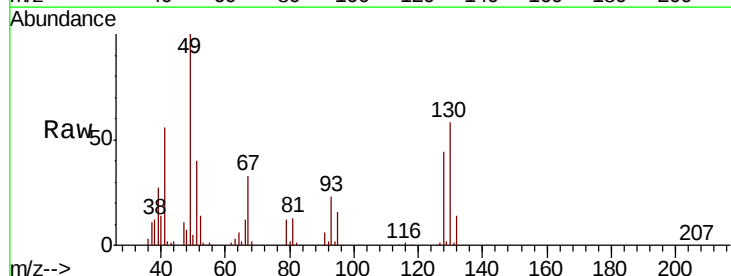
Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU112618

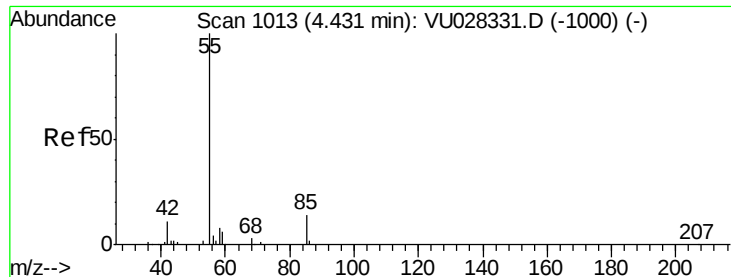
Tgt Ion: 63 Resp: 197260
 Ion Ratio Lower Upper
 63 100
 65 30.3 26.2 39.4



#39
 Methacrylonitrile
 Concen: 10.529 ug/l
 RT: 4.55 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VU028333.D
 Acq: 26 Nov 2018 12:26

Tgt Ion: 41 Resp: 77203
 Ion Ratio Lower Upper
 41 100
 67 61.3 48.2 72.4
 39 51.9 42.9 64.3
 52 25.6 21.4 32.0

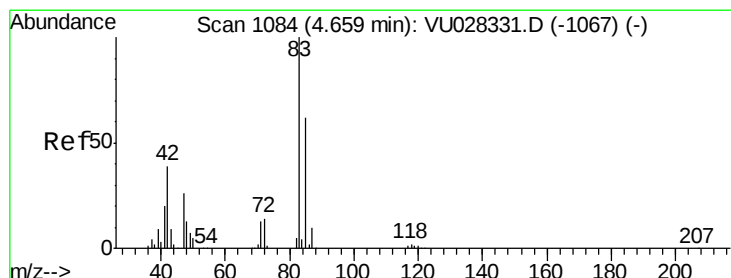
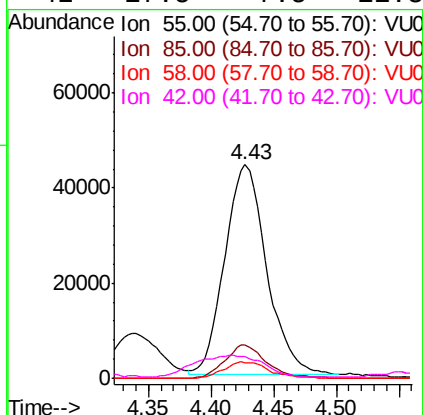
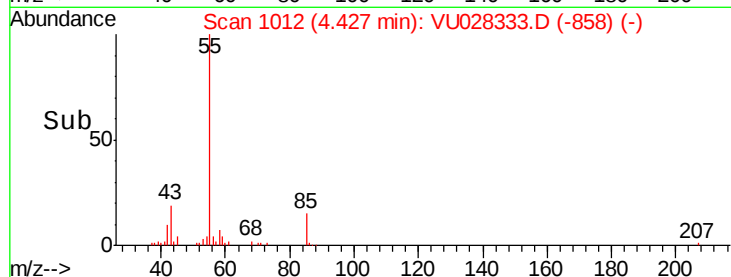
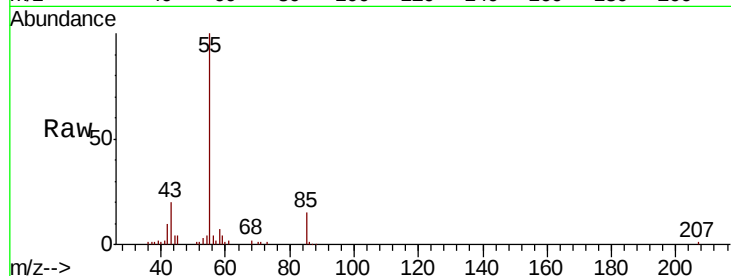




#40
Methyl acrylate
Concen: 10.162 ug/l
RT: 4.43 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VU028333.D
Acq: 26 Nov 2018 12:26

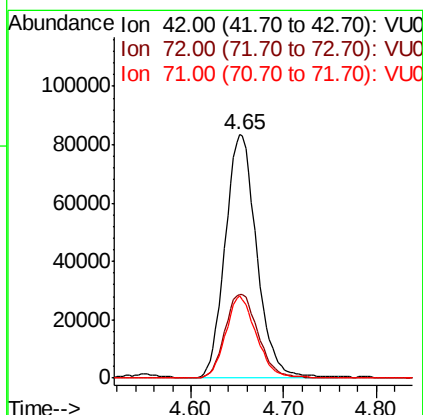
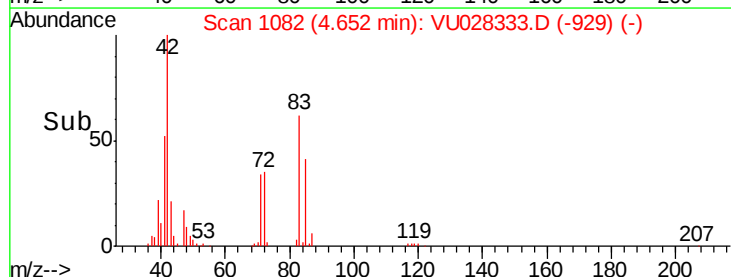
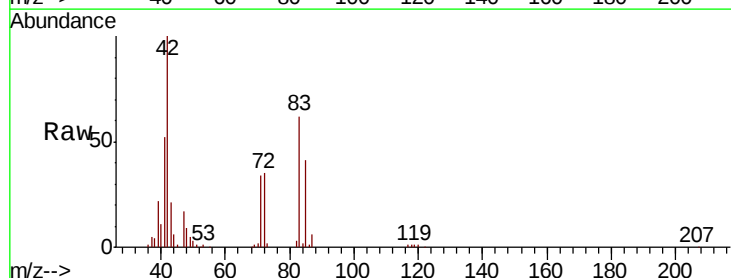
Instrument :
MSVOA_U
ClientSampleId :
ICVVU112618

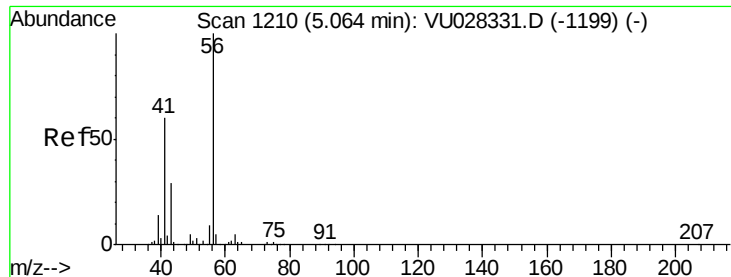
Tgt Ion:	55	Resp:	102515
Ion	Ratio	Lower	Upper
55	100		
85	15.8	10.9	16.3
58	8.4	6.4	9.6
42	17.5	7.5	11.3#



#41
Tetrahydrofuran
Concen: 53.132 ug/l
RT: 4.65 min Scan# 1082
Delta R.T. -0.01 min
Lab File: VU028333.D
Acq: 26 Nov 2018 12:26

Tgt Ion:	42	Resp:	195824
Ion	Ratio	Lower	Upper
42	100		
72	36.5	29.8	44.6
71	32.7	25.9	38.9

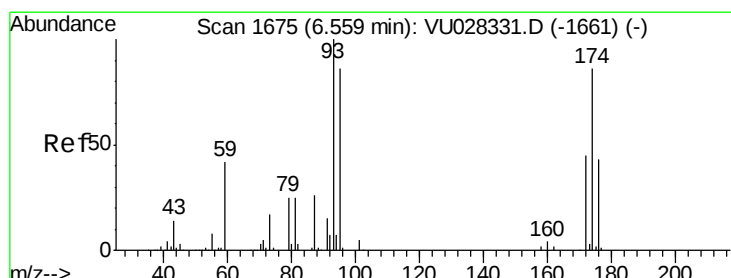
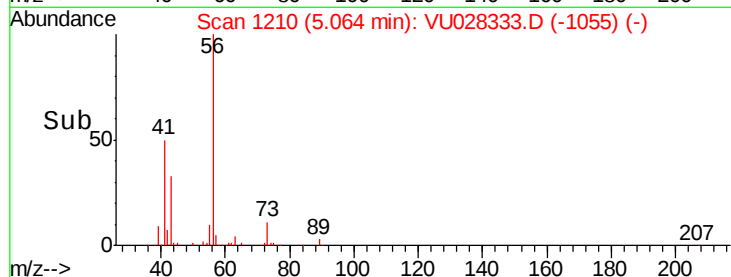
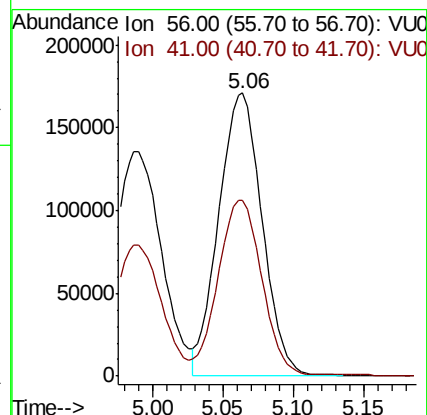
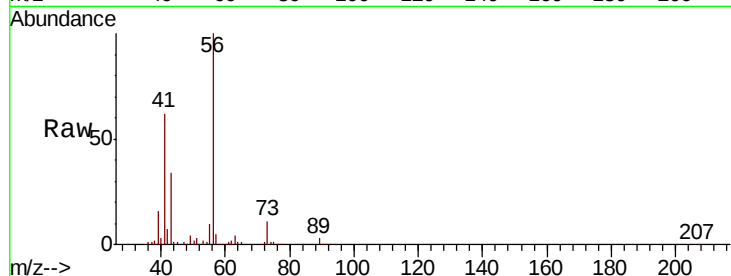




#42
1-Chlorobutane
Concen: 10.304 ug/l
RT: 5.06 min Scan# 1210
Delta R.T. -0.00 min
Lab File: VU028333.D
Acq: 26 Nov 2018 12:26

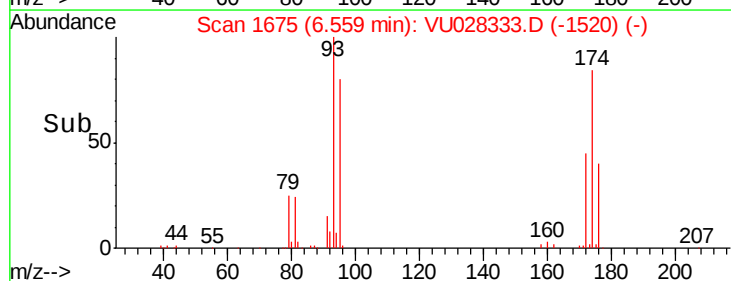
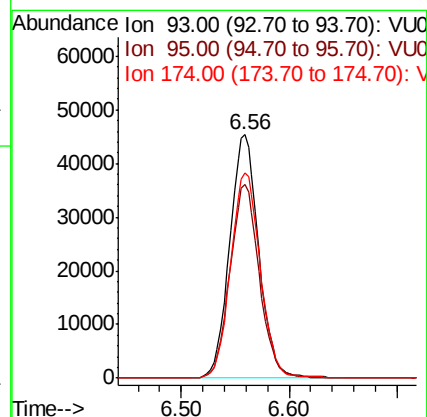
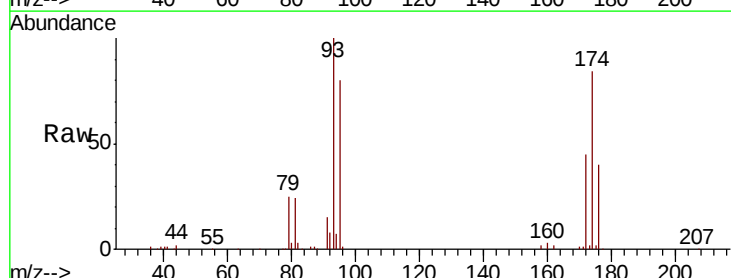
Instrument :
MSVOA_U
ClientSampleId :
ICVVU112618

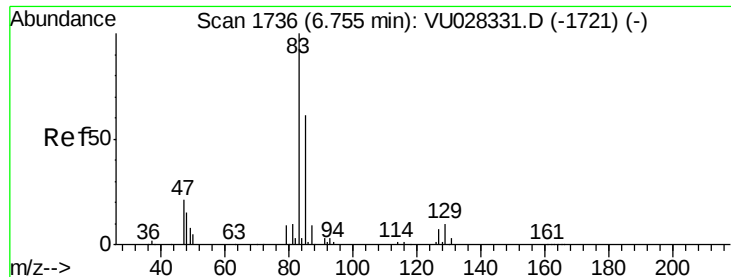
Tgt Ion: 56 Resp: 364740
Ion Ratio Lower Upper
56 100
41 62.5 29.8 89.3



#43
Dibromomethane
Concen: 10.705 ug/l
RT: 6.56 min Scan# 1675
Delta R.T. -0.00 min
Lab File: VU028333.D
Acq: 26 Nov 2018 12:26

Tgt Ion: 93 Resp: 85193
Ion Ratio Lower Upper
93 100
95 79.9 66.6 99.8
174 85.7 69.4 104.2





#44

Bromodichloromethane

Concen: 10.392 ug/l

RT: 6.76 min Scan# 1736

Delta R.T. -0.00 min

Lab File: VU028333.D

Acq: 26 Nov 2018 12:26

Instrument :

MSVOA_U

ClientSampleId :

ICVVU112618

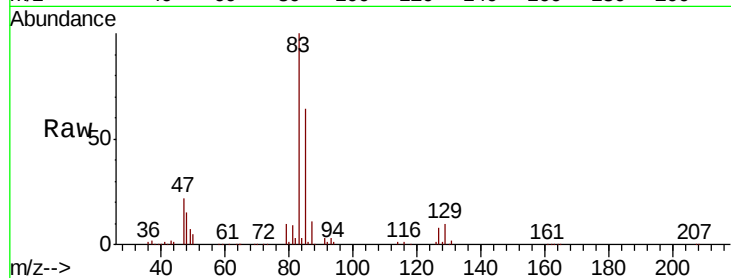
Tgt Ion: 83 Resp: 218379

Ion Ratio Lower Upper

83 100

85 64.2 49.0 73.6

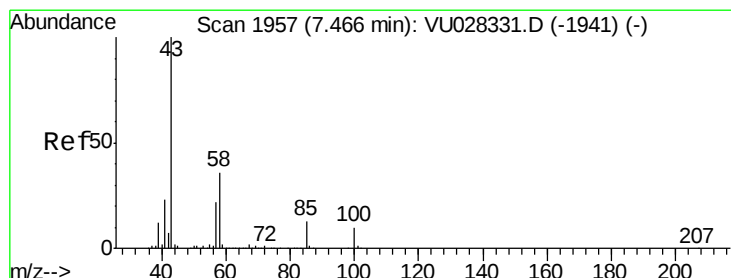
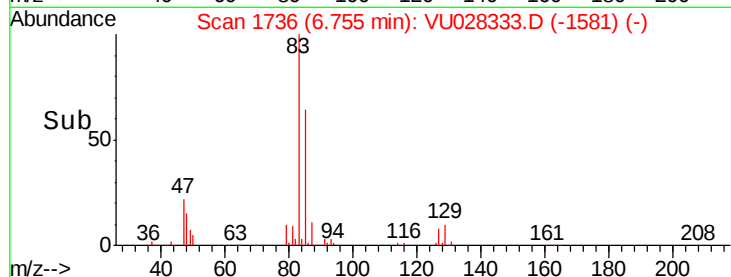
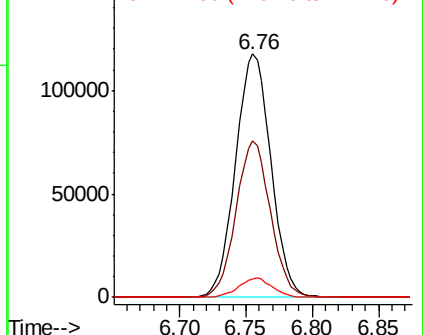
127 7.7 5.7 8.5



Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0

Ion 127.00 (126.70 to 127.70): VU0



#45

4-Methyl-2-Pentanone

Concen: 54.465 ug/l

RT: 7.46 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VU028333.D

Acq: 26 Nov 2018 12:26

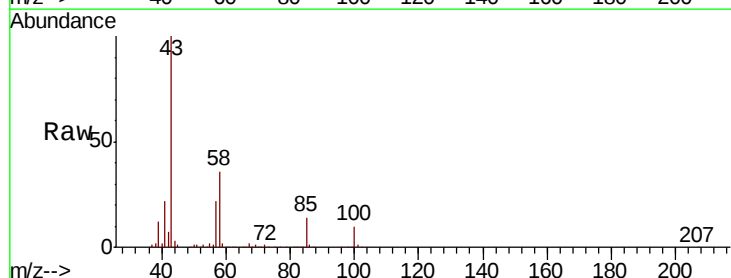
Tgt Ion: 43 Resp: 696200

Ion Ratio Lower Upper

43 100

58 36.2 17.9 53.7

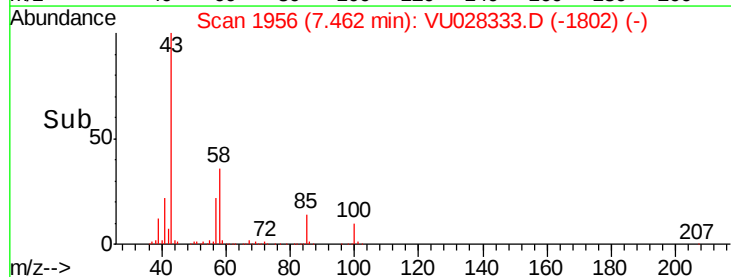
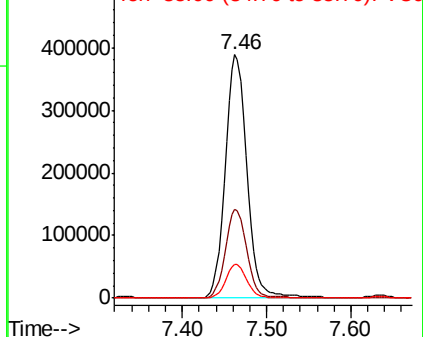
85 13.6 10.8 16.2

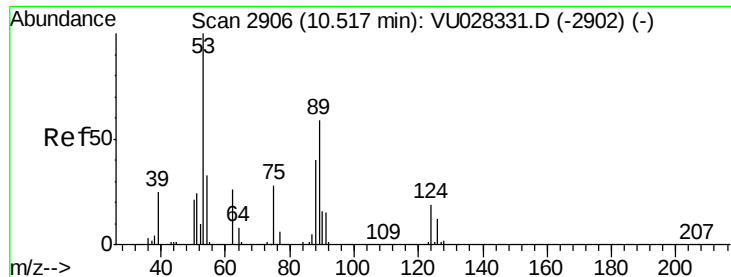


Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

Ion 85.00 (84.70 to 85.70): VU0

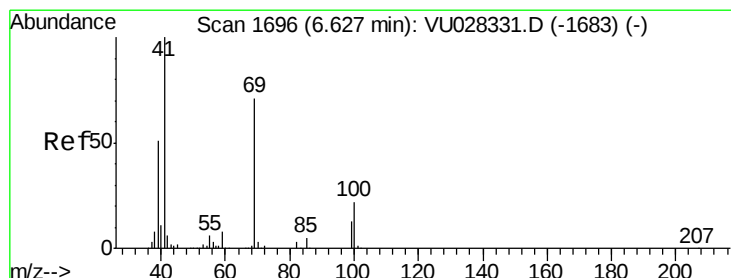
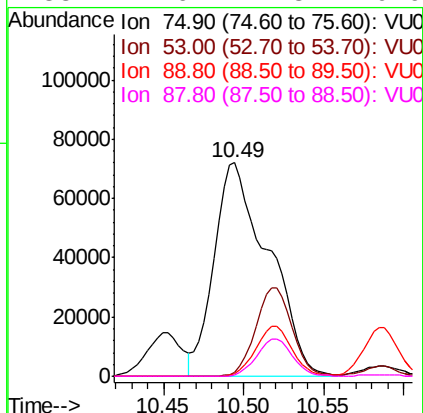
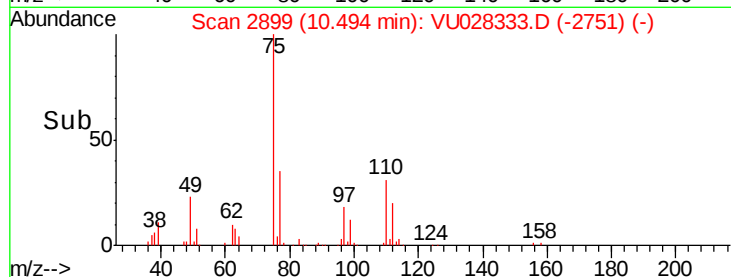
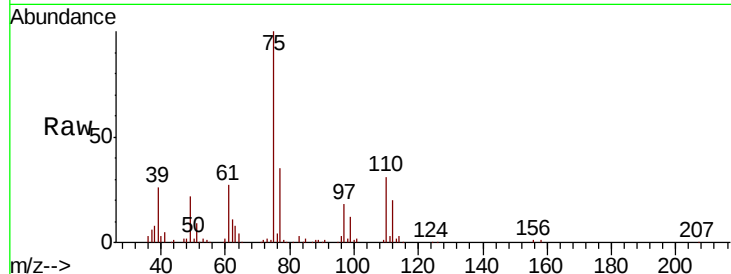




#46
t-1,4-Dichloro-2-butene
Concen: 35.972 ug/l
RT: 10.49 min Scan# 2899
Delta R.T. -0.02 min
Lab File: VU028333.D
Acq: 26 Nov 2018 12:26

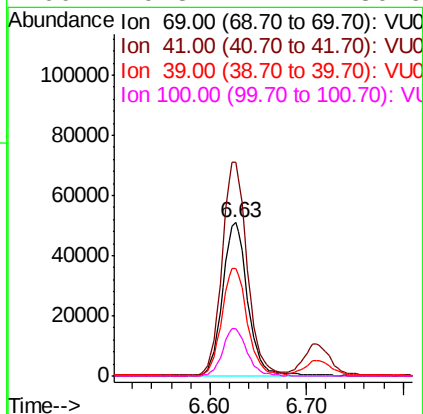
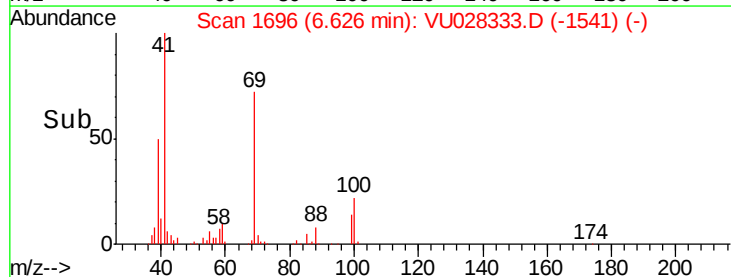
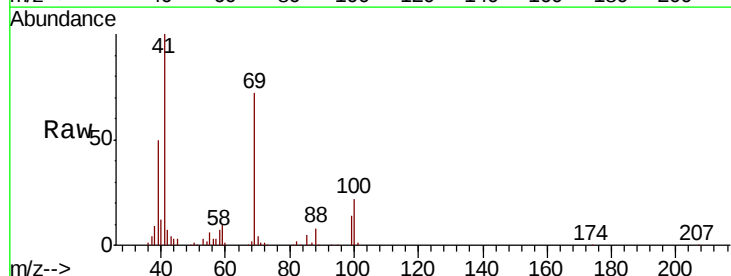
Instrument :
MSVOA_U
ClientSampleId :
ICVVU112618

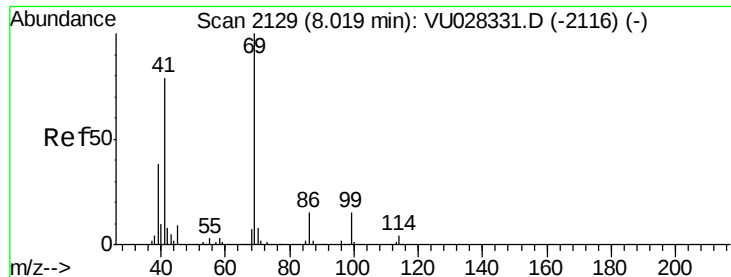
Tgt Ion:	75	Resp:	168182
Ion	Ratio	Lower	Upper
75	100		
53	28.1	65.0	97.6#
89	15.7	38.6	58.0#
88	11.6	27.3	40.9#



#47
Methyl methacrylate
Concen: 11.376 ug/l
RT: 6.63 min Scan# 1696
Delta R.T. -0.00 min
Lab File: VU028333.D
Acq: 26 Nov 2018 12:26

Tgt Ion:	69	Resp:	92410
Ion	Ratio	Lower	Upper
69	100		
41	137.4	0.0	277.2
39	70.0	57.6	86.4
100	29.8	24.4	36.6

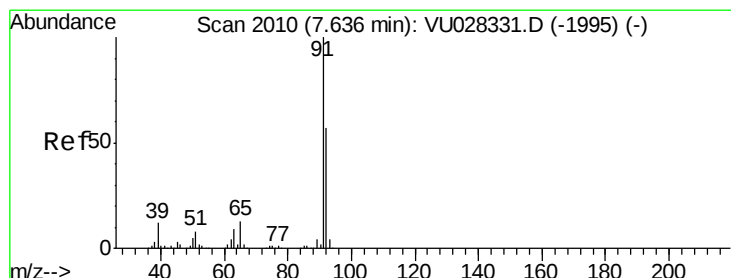
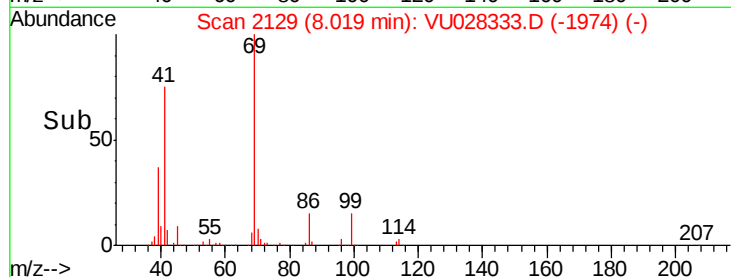
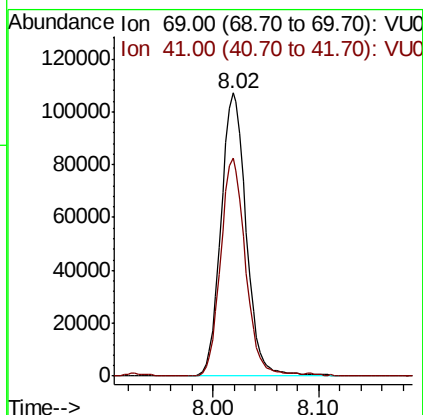
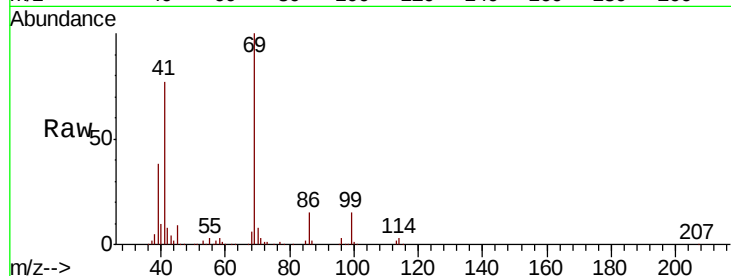




#48
 Ethyl methacrylate
 Concen: 10.917 ug/l
 RT: 8.02 min Scan# 2129
 Delta R.T. -0.00 min
 Lab File: VU028333.D
 Acq: 26 Nov 2018 12:26

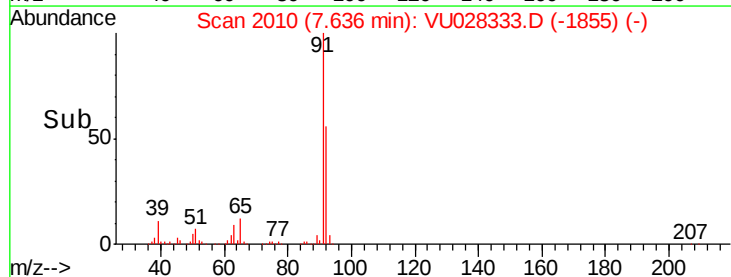
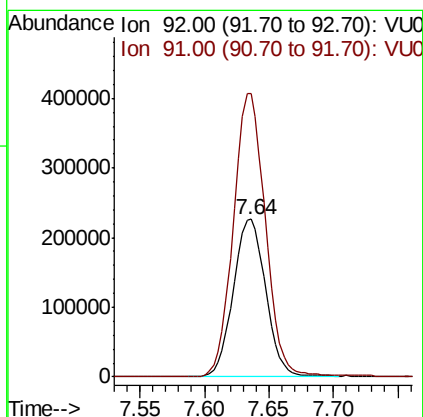
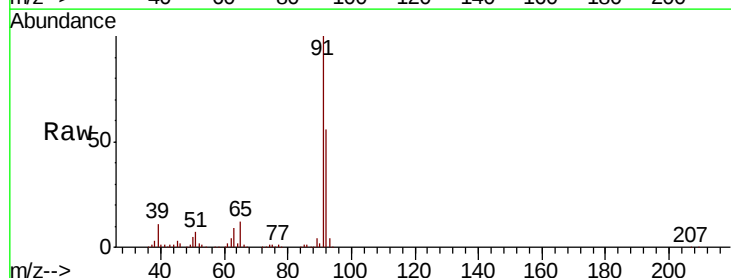
Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU112618

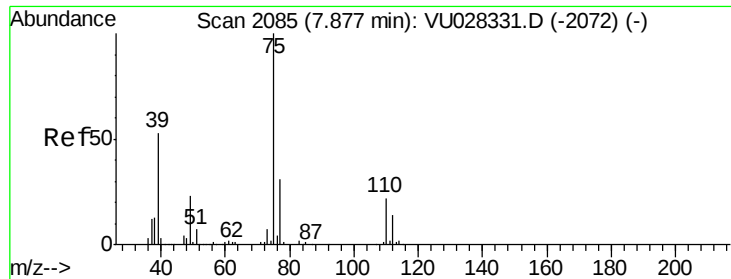
Tgt Ion: 69 Resp: 177385
 Ion Ratio Lower Upper
 69 100
 41 75.4 39.4 118.2



#49
 Toluene
 Concen: 10.922 ug/l
 RT: 7.64 min Scan# 2010
 Delta R.T. -0.00 min
 Lab File: VU028333.D
 Acq: 26 Nov 2018 12:26

Tgt Ion: 92 Resp: 397612
 Ion Ratio Lower Upper
 92 100
 91 178.5 141.5 212.3





#50

t-1,3-Dichloropropene

Concen: 11.301 ug/l

RT: 7.88 min Scan# 2085

Delta R.T. -0.00 min

Lab File: VU028333.D

Acq: 26 Nov 2018 12:26

Instrument :

MSVOA_U

ClientSampleId :

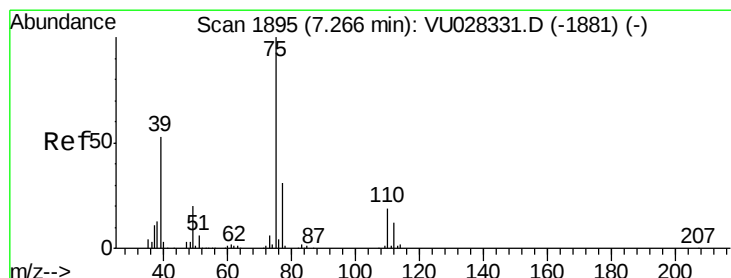
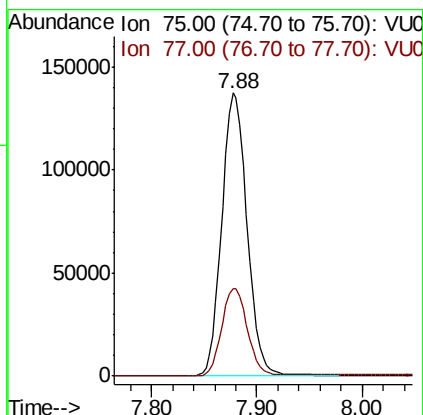
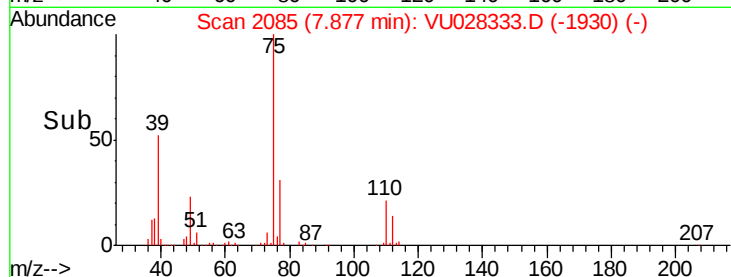
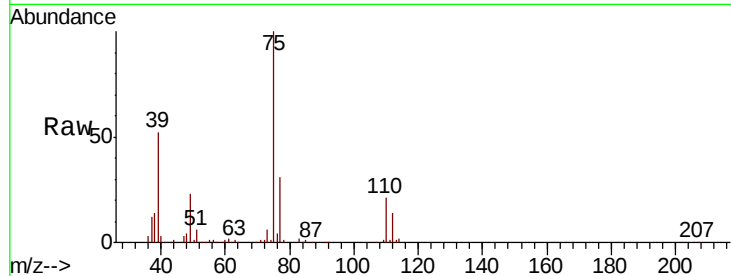
ICVVU112618

Tgt Ion: 75 Resp: 228099

Ion Ratio Lower Upper

75 100

77 30.9 24.7 37.1



#51

cis-1,3-Dichloropropene

Concen: 10.821 ug/l

RT: 7.27 min Scan# 1895

Delta R.T. -0.00 min

Lab File: VU028333.D

Acq: 26 Nov 2018 12:26

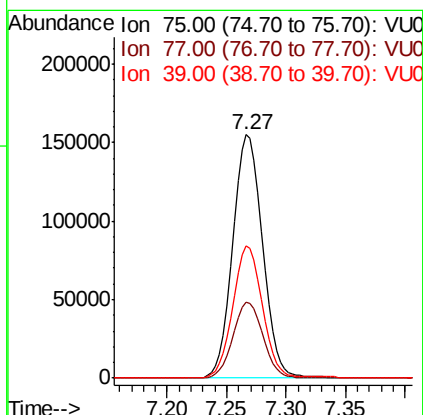
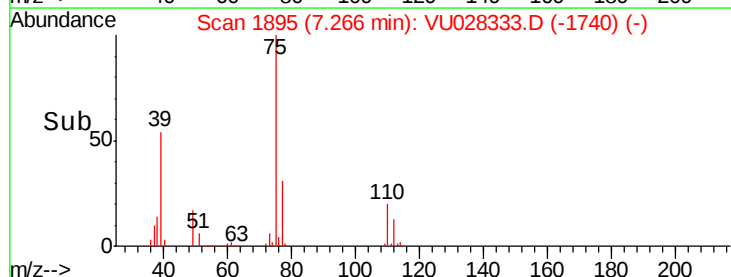
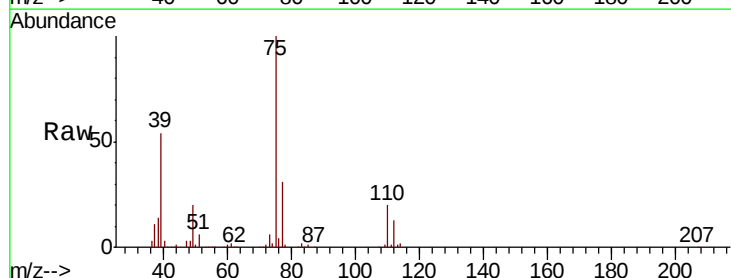
Tgt Ion: 75 Resp: 269705

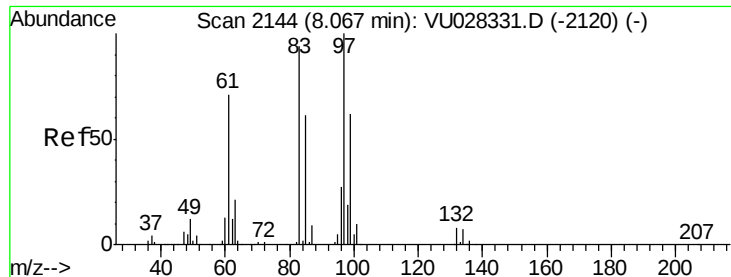
Ion Ratio Lower Upper

75 100

77 31.1 24.4 36.6

39 54.3 42.8 64.2

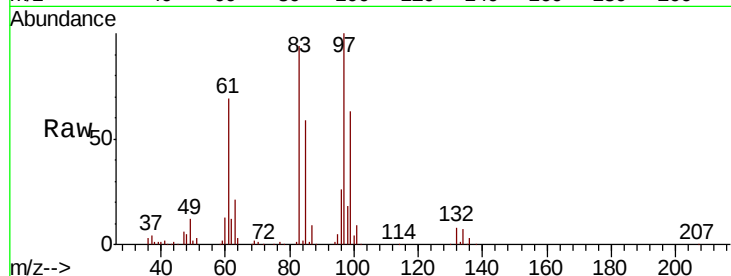




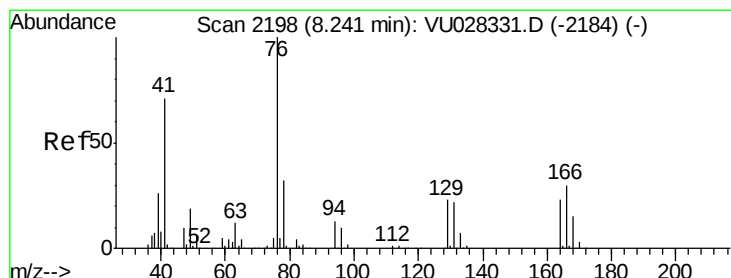
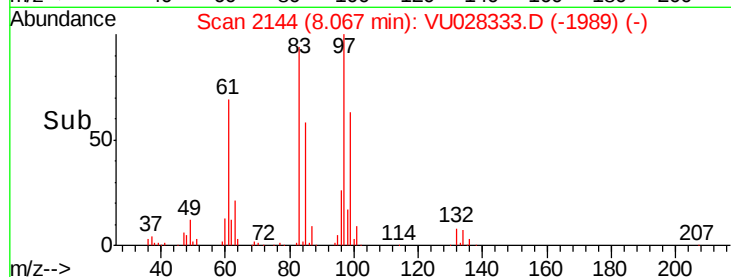
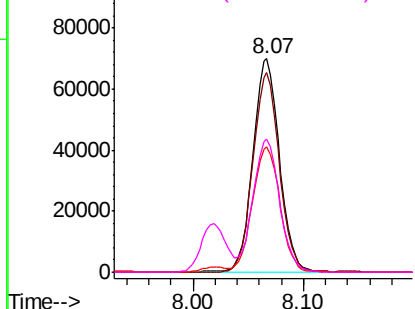
#52
 1,1,2-Trichloroethane
 Concen: 10.461 ug/l
 RT: 8.07 min Scan# 2144
 Delta R.T. -0.00 min
 Lab File: VU028333.D
 Acq: 26 Nov 2018 12:26

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU112618

Tgt Ion: 97 Resp: 116881
 Ion Ratio Lower Upper
 97 100
 83 93.8 75.1 112.7
 85 58.5 48.7 73.1
 99 62.4 49.6 74.4

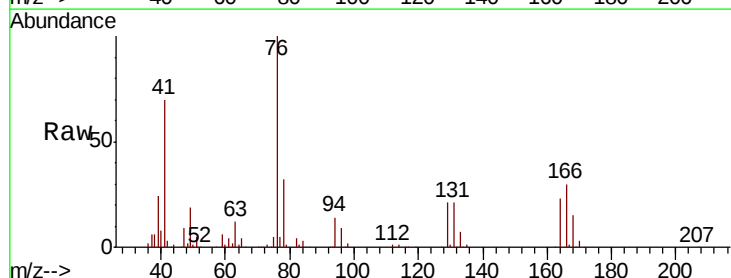


Abundance Ion 97.00 (96.70 to 97.70): VU0
 Ion 82.95 (82.65 to 83.65): VU0
 Ion 84.95 (84.65 to 85.65): VU0
 Ion 98.95 (98.65 to 99.65): VU0

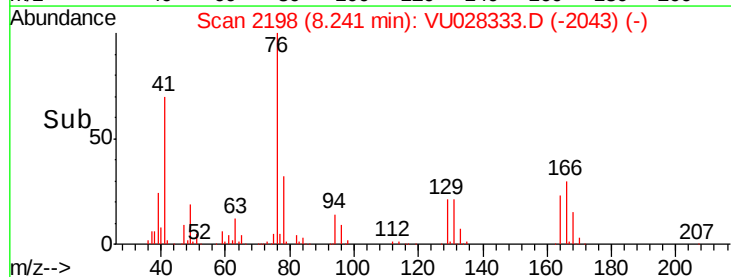
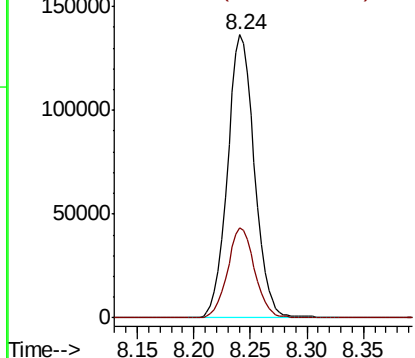


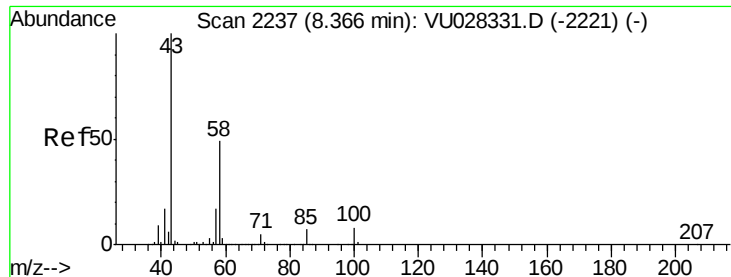
#53
 1,3-Dichloropropane
 Concen: 10.816 ug/l
 RT: 8.24 min Scan# 2198
 Delta R.T. -0.00 min
 Lab File: VU028333.D
 Acq: 26 Nov 2018 12:26

Tgt Ion: 76 Resp: 225737
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.4 38.0



Abundance Ion 76.00 (75.70 to 76.70): VU0
 Ion 78.00 (77.70 to 78.70): VU0

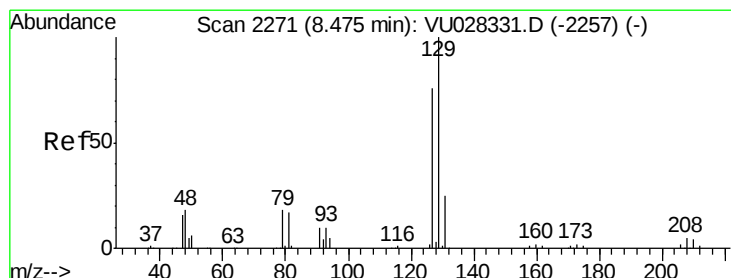
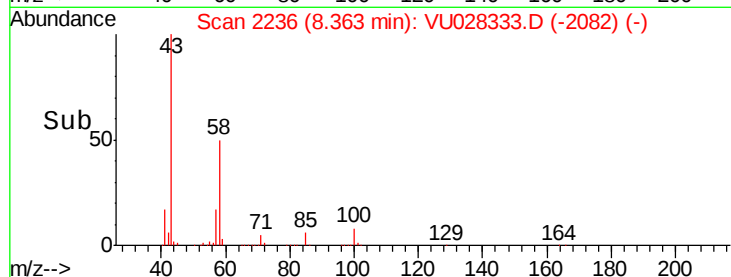
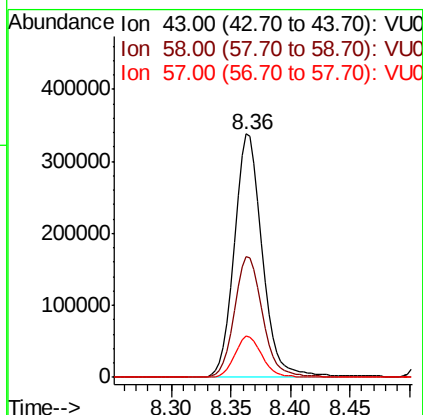
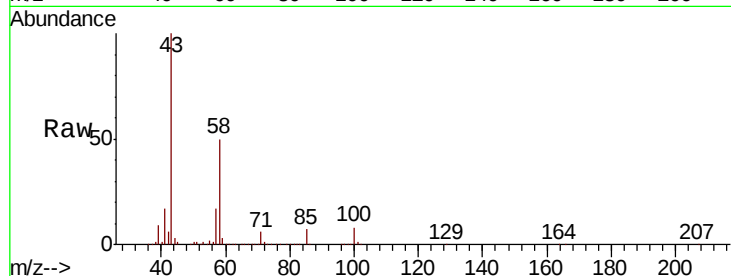




#54
2-Hexanone
Concen: 59.871 ug/l
RT: 8.36 min Scan# 2236
Delta R.T. -0.00 min
Lab File: VU028333.D
Acq: 26 Nov 2018 12:26

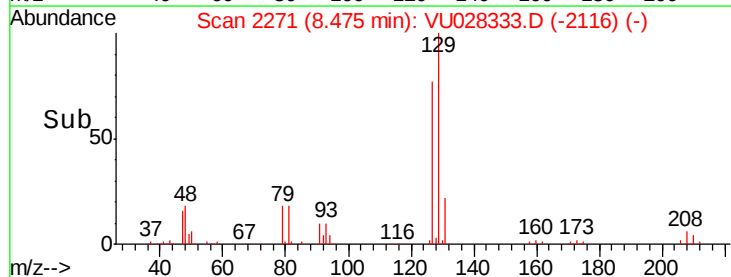
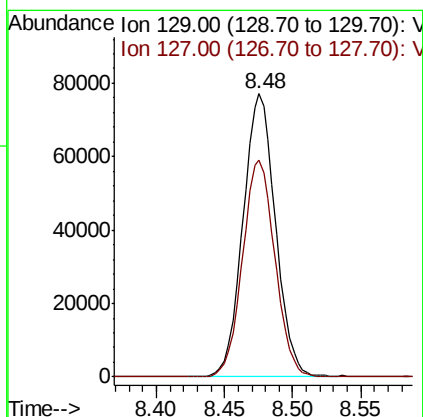
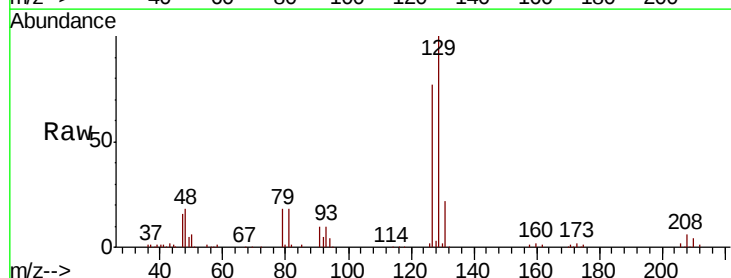
Instrument :
MSVOA_U
ClientSampleId :
ICVVU112618

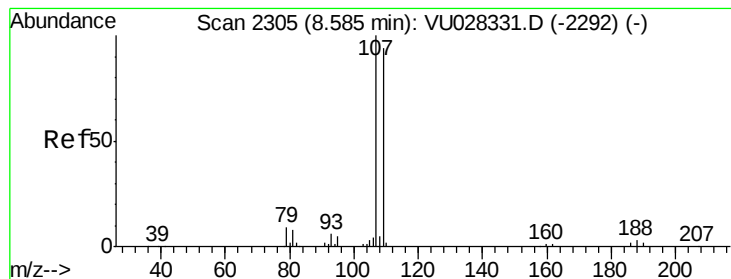
Tgt Ion: 43 Resp: 550543
Ion Ratio Lower Upper
43 100
58 50.2 29.3 69.3
57 16.9 0.0 36.8



#55
Dibromochloromethane
Concen: 10.727 ug/l
RT: 8.48 min Scan# 2271
Delta R.T. -0.00 min
Lab File: VU028333.D
Acq: 26 Nov 2018 12:26

Tgt Ion: 129 Resp: 127482
Ion Ratio Lower Upper
129 100
127 76.3 61.0 91.4





#56

1,2-Dibromoethane

Concen: 10.738 ug/l

RT: 8.58 min Scan# 2305

Delta R.T. -0.00 min

Lab File: VU028333.D

Acq: 26 Nov 2018 12:26

Instrument :

MSVOA_U

ClientSampleId :

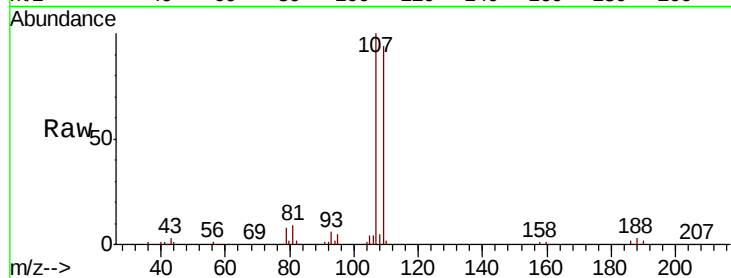
ICVVU112618

Tgt Ion: 107 Resp: 109281

Ion Ratio Lower Upper

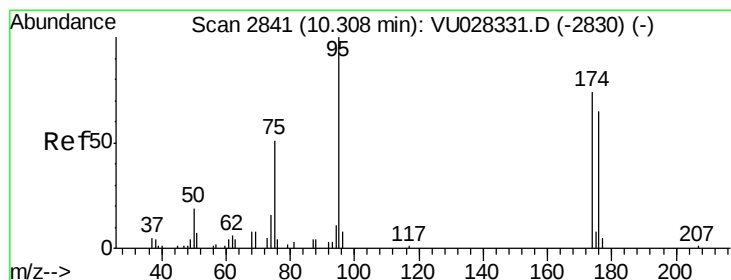
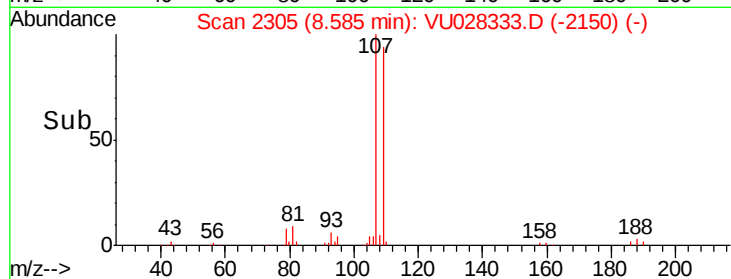
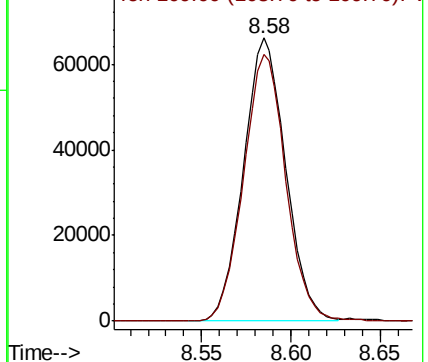
107 100

109 94.8 0.0 187.8



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V



#57

4-Bromofluorobenzene

Concen: 10.738 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. -0.00 min

Lab File: VU028333.D

Acq: 26 Nov 2018 12:26

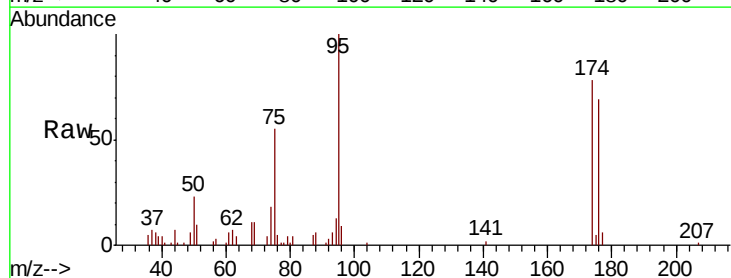
Tgt Ion: 95 Resp: 18548

Ion Ratio Lower Upper

95 100

174 73.7 59.3 88.9

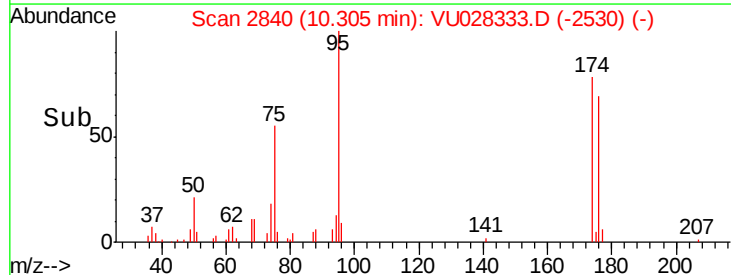
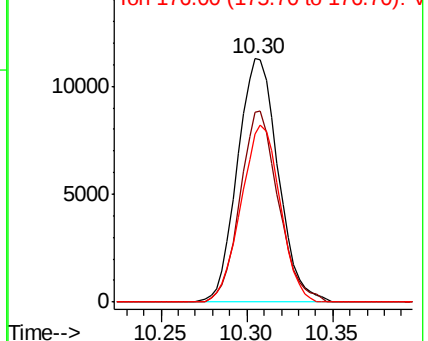
176 69.8 54.3 81.5

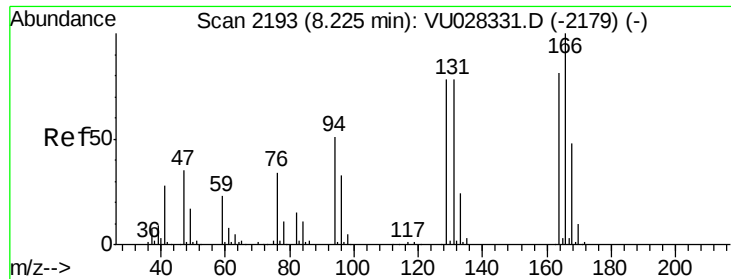


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V





#58

Tetrachloroethene

Concen: 10.287 ug/l

RT: 8.22 min Scan# 2193

Delta R.T. -0.00 min

Lab File: VU028333.D

Acq: 26 Nov 2018 12:26

Instrument :

MSVOA_U

ClientSampleId :

ICVVU112618

Tgt Ion:164 Resp: 134482

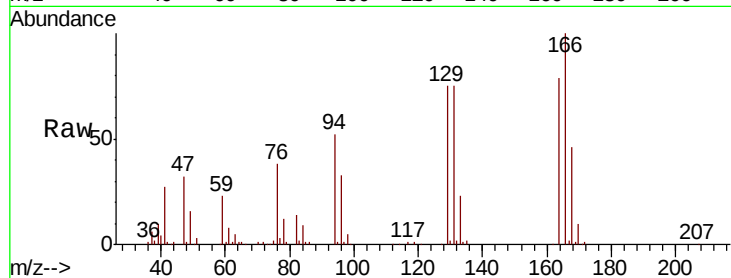
Ion Ratio Lower Upper

164 100

166 126.7 98.6 148.0

129 95.6 77.0 115.4

131 94.9 77.0 115.4



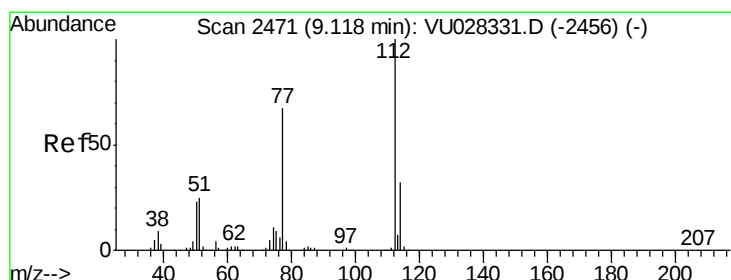
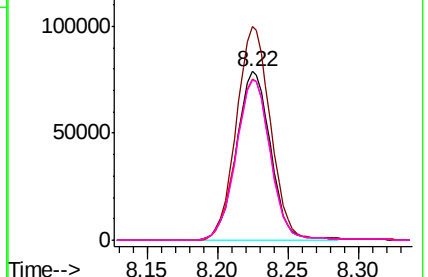
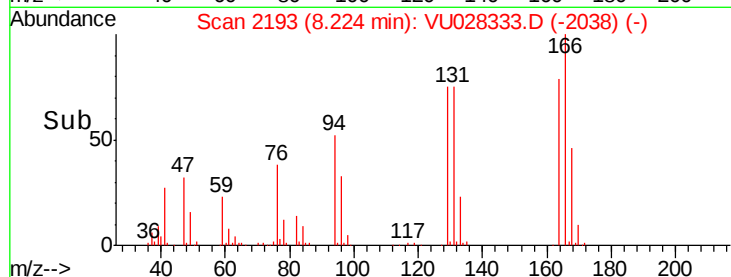
Abundance

Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#59

Chlorobenzene

Concen: 10.687 ug/l

RT: 9.12 min Scan# 2471

Delta R.T. -0.00 min

Lab File: VU028333.D

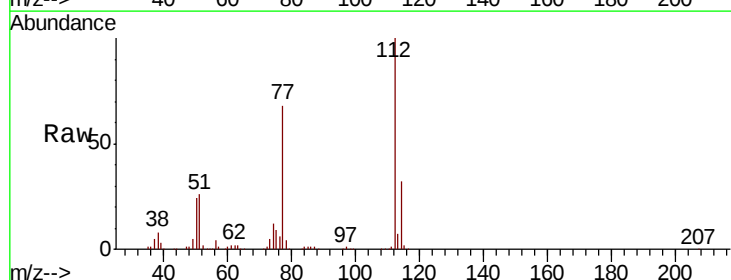
Acq: 26 Nov 2018 12:26

Tgt Ion:112 Resp: 404852

Ion Ratio Lower Upper

112 100

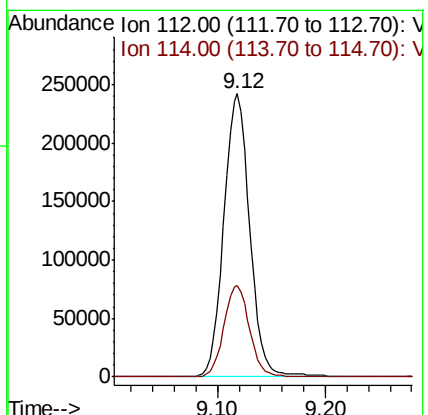
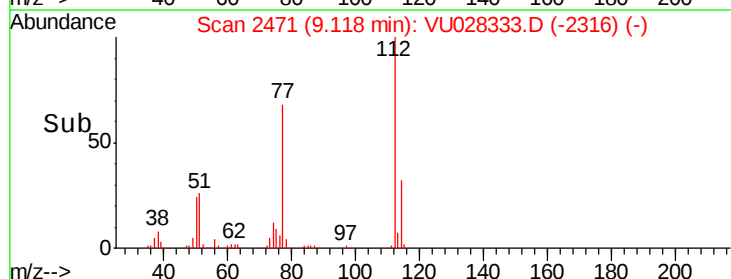
114 32.4 25.2 37.8

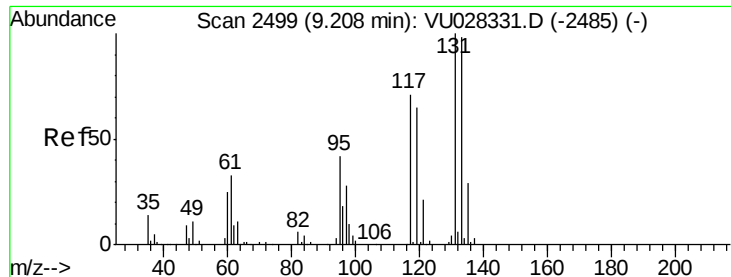


Abundance

Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V





#60

1,1,1,2-Tetrachloroethane

Concen: 10.508 ug/l

RT: 9.21 min Scan# 2499

Delta R.T. -0.00 min

Lab File: VU028333.D

Acq: 26 Nov 2018 12:26

Instrument :

MSVOA_U

ClientSampleId :

ICVVU112618

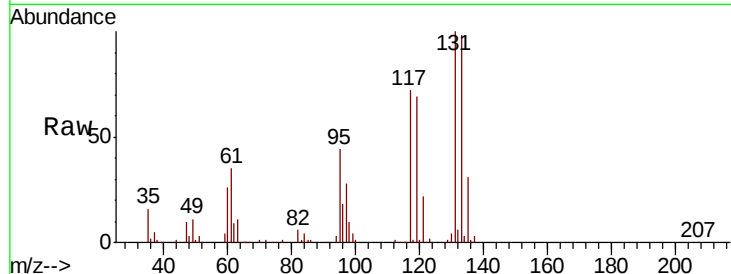
Tgt Ion:131 Resp: 134905

Ion Ratio Lower Upper

131 100

133 95.6 77.7 116.5

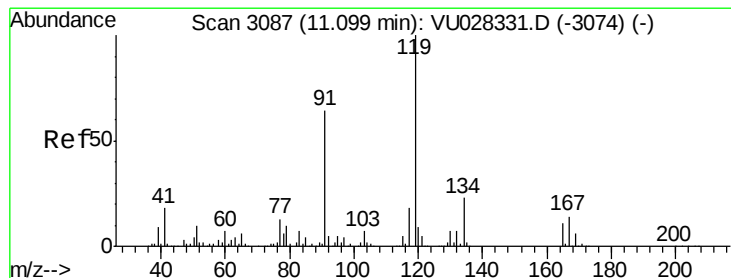
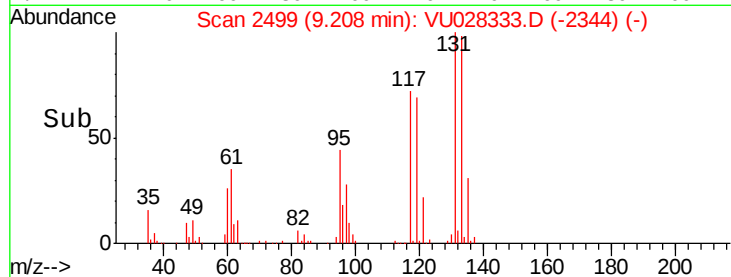
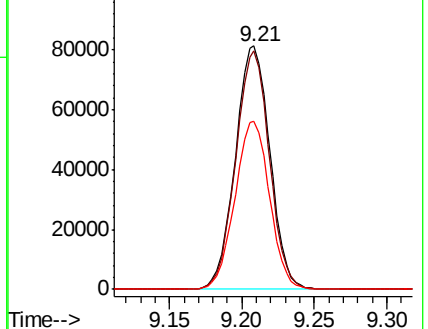
119 69.1 54.3 81.5



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#61

Pentachloroethane

Concen: 11.012 ug/l

RT: 11.10 min Scan# 3087

Delta R.T. -0.00 min

Lab File: VU028333.D

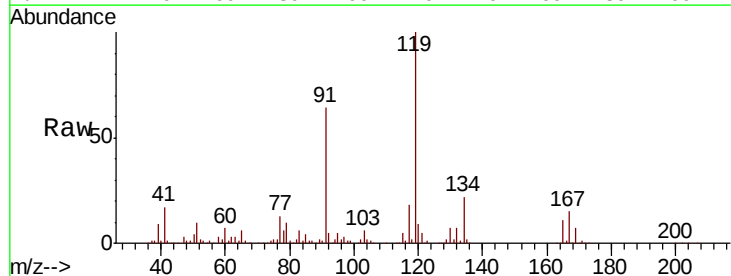
Acq: 26 Nov 2018 12:26

Tgt Ion:117 Resp: 110008

Ion Ratio Lower Upper

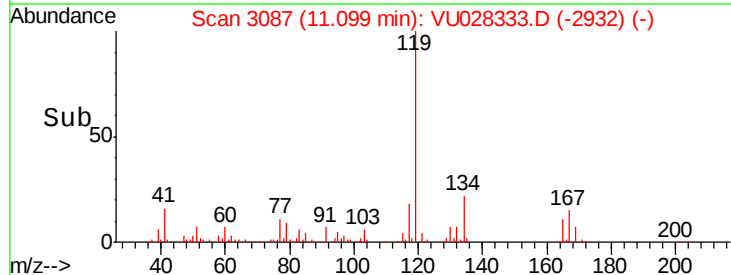
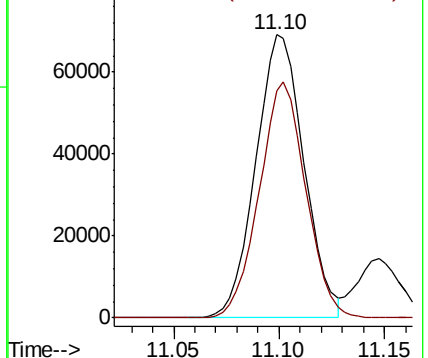
117 100

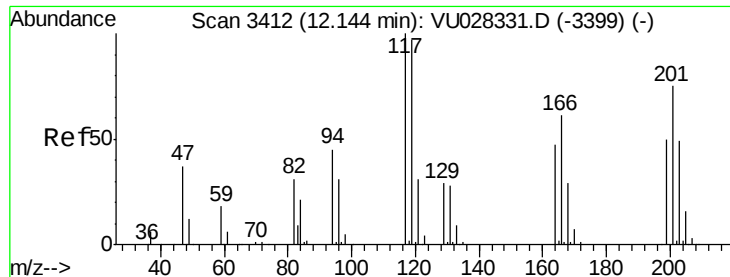
167 80.5 64.2 96.2



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 166.70 (166.40 to 167.40): V





#62

Hexachloroethane

Concen: 11.217 ug/l

RT: 12.14 min Scan# 3412

Delta R.T. -0.00 min

Lab File: VU028333.D

Acq: 26 Nov 2018 12:26

Instrument :

MSVOA_U

ClientSampleId :

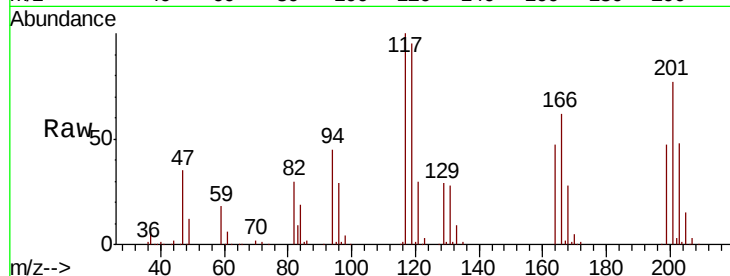
ICVVU112618

Tgt Ion: 117 Resp: 105012

Ion Ratio Lower Upper

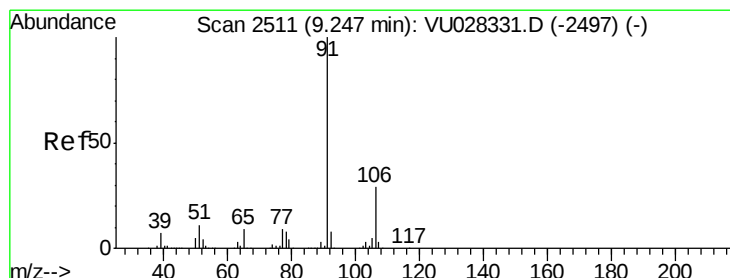
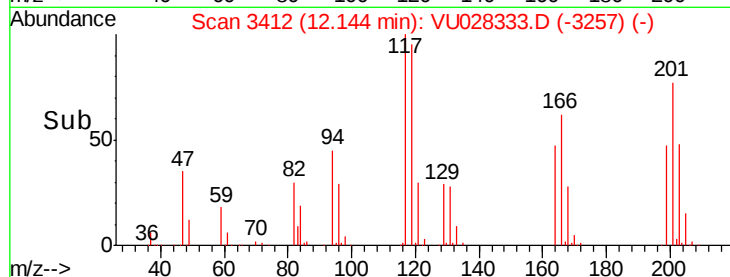
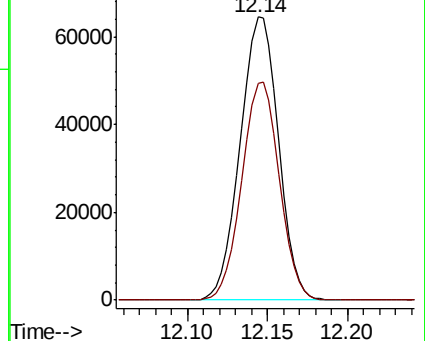
117 100

201 75.6 59.4 89.2



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.60 (200.30 to 201.30): V



#63

Ethyl Benzene

Concen: 11.225 ug/l

RT: 9.25 min Scan# 2511

Delta R.T. -0.00 min

Lab File: VU028333.D

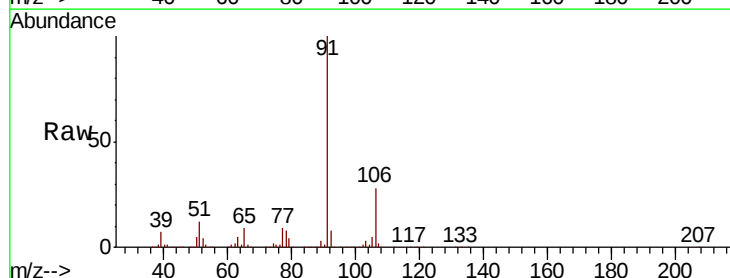
Acq: 26 Nov 2018 12:26

Tgt Ion: 91 Resp: 784640

Ion Ratio Lower Upper

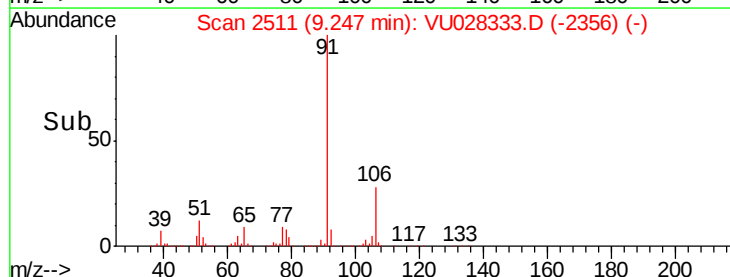
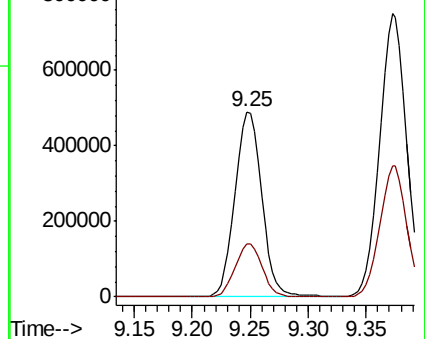
91 100

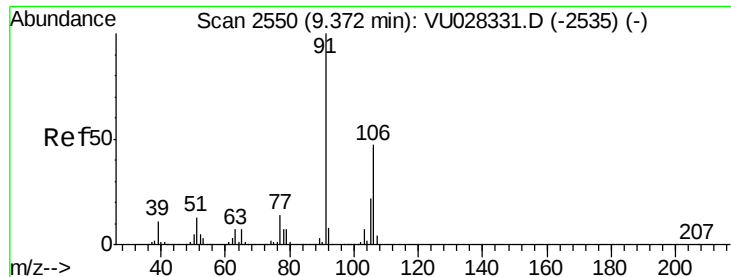
106 28.3 23.4 35.2



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 106.00 (105.70 to 106.70): V

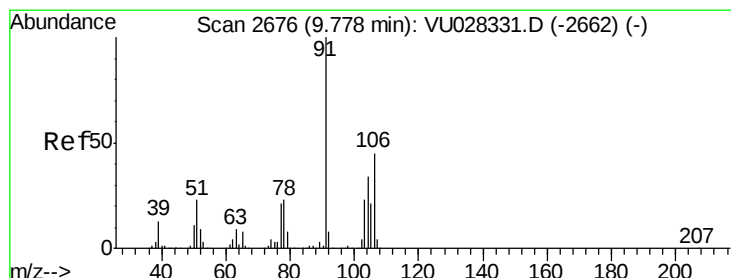
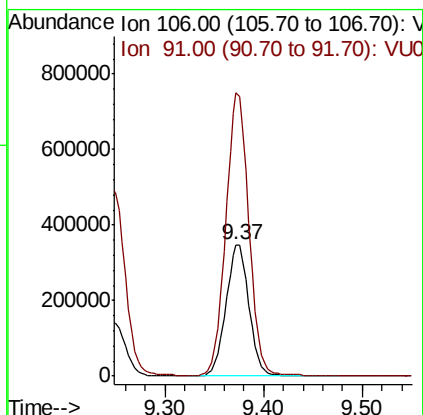
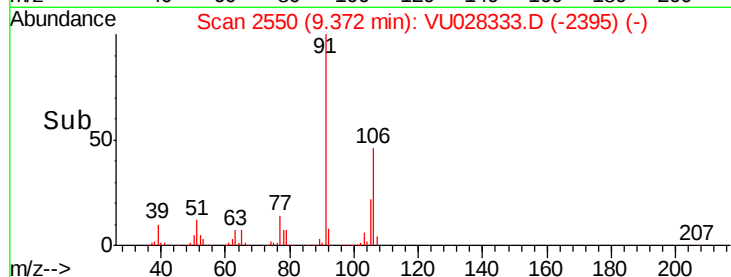
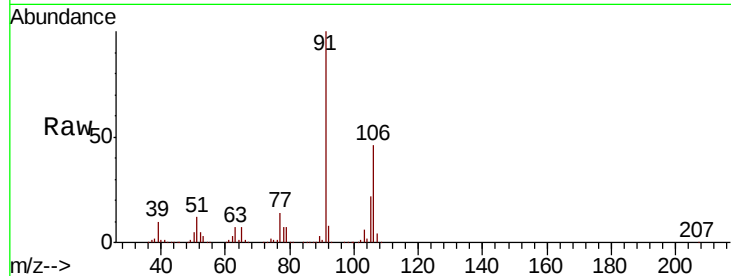




#64
m/p-Xylenes
Concen: 22.465 ug/l
RT: 9.37 min Scan# 2550
Delta R.T. -0.00 min
Lab File: VU028333.D
Acq: 26 Nov 2018 12:26

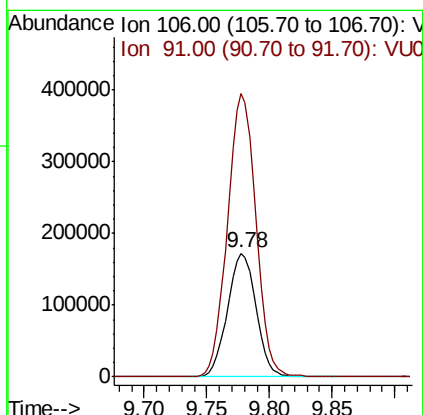
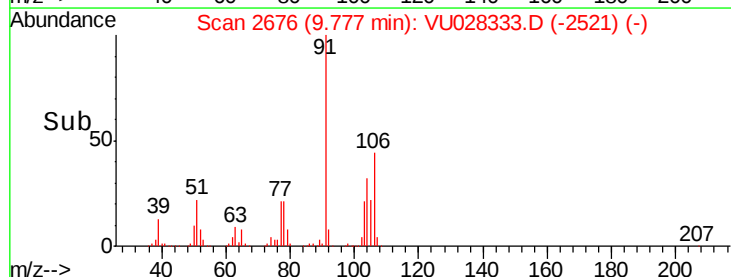
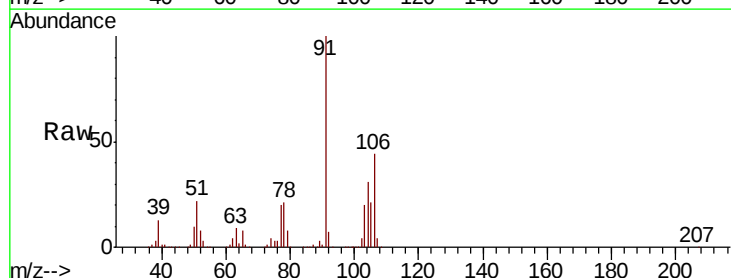
Instrument :
MSVOA_U
ClientSampleId :
ICVVU112618

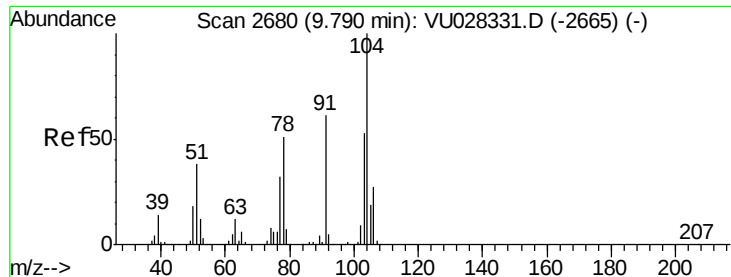
Tgt Ion:106 Resp: 568276
Ion Ratio Lower Upper
106 100
91 215.6 170.6 256.0



#65
o-Xylene
Concen: 11.195 ug/l
RT: 9.78 min Scan# 2676
Delta R.T. -0.00 min
Lab File: VU028333.D
Acq: 26 Nov 2018 12:26

Tgt Ion:106 Resp: 273286
Ion Ratio Lower Upper
106 100
91 228.0 112.3 337.0





#66

Styrene

Concen: 10.779 ug/l

RT: 9.79 min Scan# 2680

Delta R.T. -0.00 min

Lab File: VU028333.D

Acq: 26 Nov 2018 12:26

Instrument :

MSVOA_U

ClientSampleId :

ICVVU112618

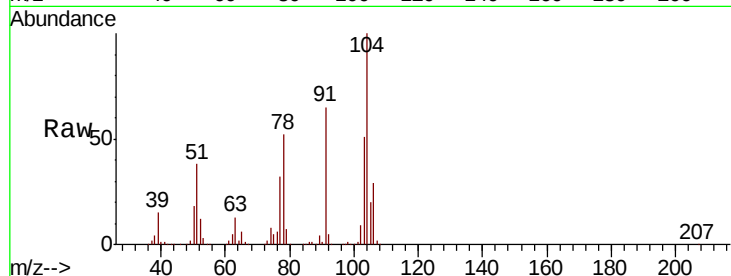
Tgt Ion:104 Resp: 451341

Ion Ratio Lower Upper

104 100

78 55.7 44.0 66.0

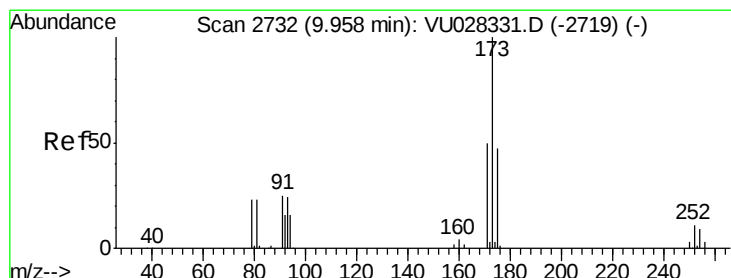
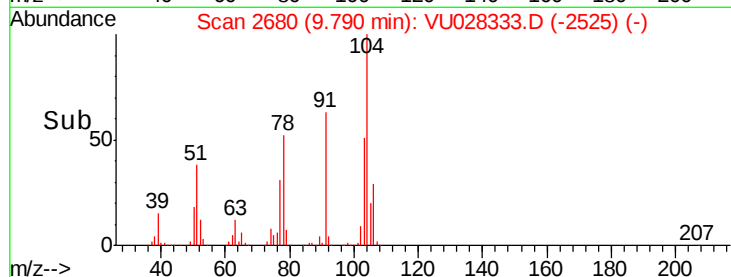
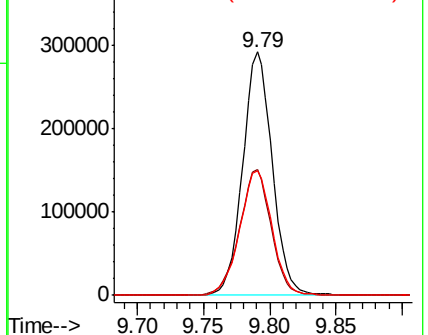
103 56.0 45.2 67.8



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VU0

Ion 103.00 (102.70 to 103.70): V



#67

Bromoform

Concen: 10.524 ug/l

RT: 9.96 min Scan# 2732

Delta R.T. -0.00 min

Lab File: VU028333.D

Acq: 26 Nov 2018 12:26

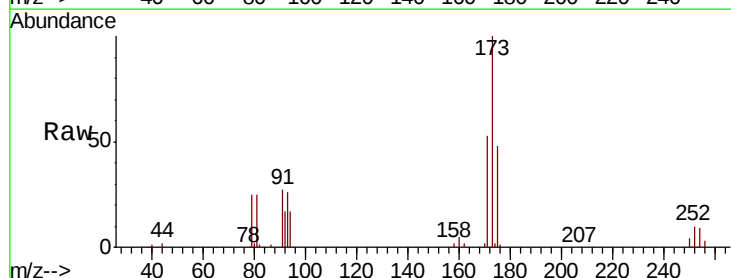
Tgt Ion:173 Resp: 70096

Ion Ratio Lower Upper

173 100

175 48.1 39.0 58.6

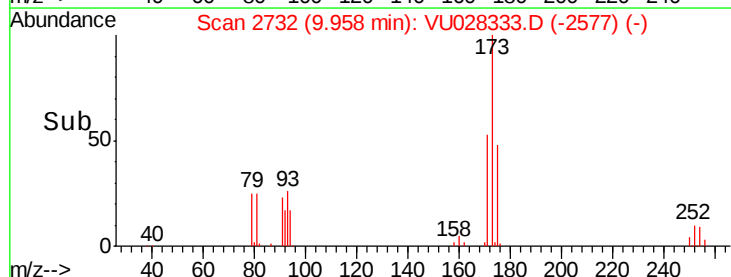
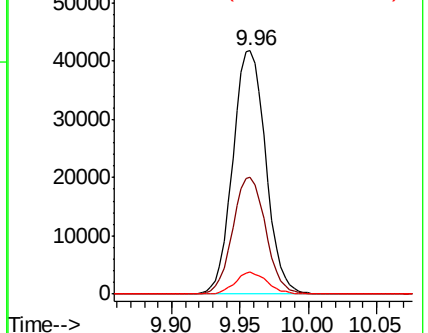
254 8.8 6.8 10.2

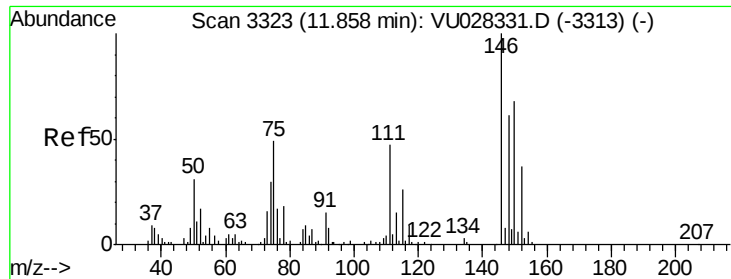


Abundance Ion 172.90 (172.60 to 173.60): V

Ion 174.90 (174.60 to 175.60): V

Ion 253.75 (253.45 to 254.45): V

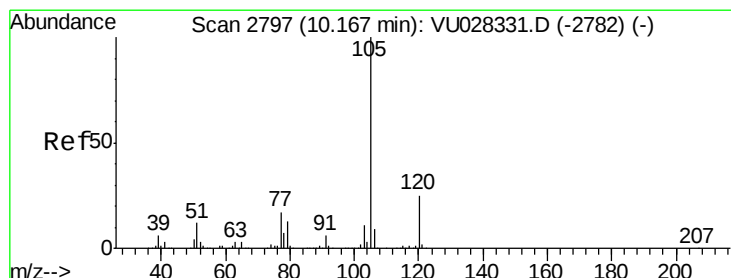
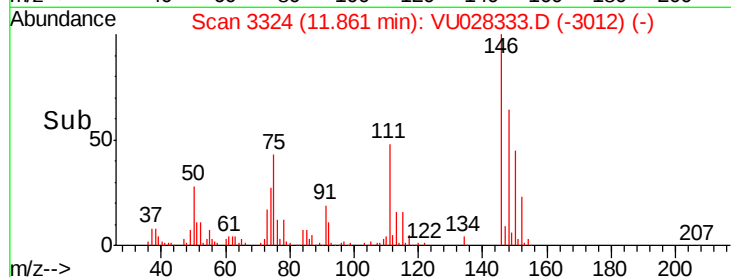
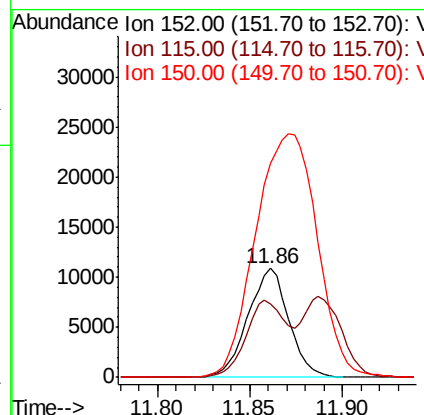
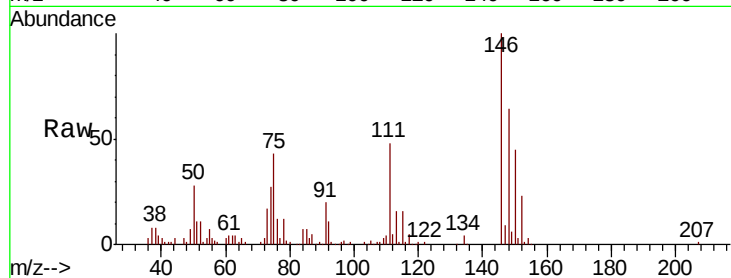




#68
 1,2-Dichlorobenzene-d4
 Concen: 10.524 ug/l
 RT: 11.86 min Scan# 3324
 Delta R.T. 0.00 min
 Lab File: VU028333.D
 Acq: 26 Nov 2018 12:26

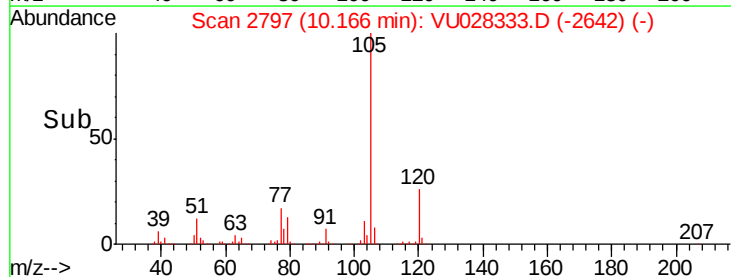
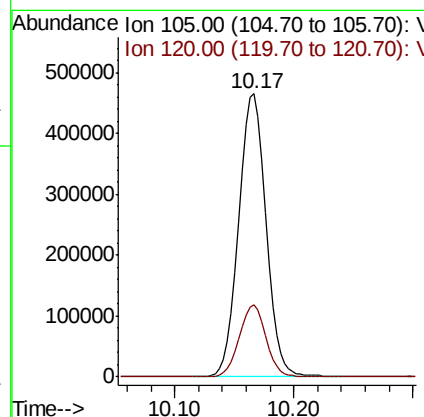
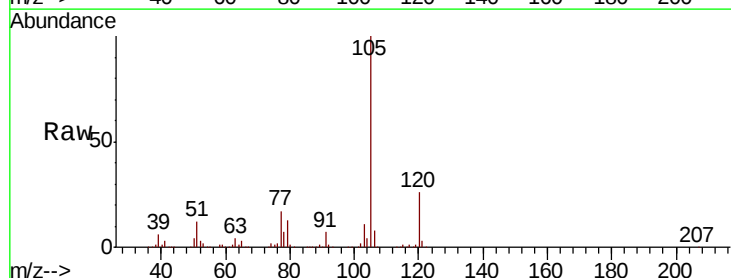
Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU112618

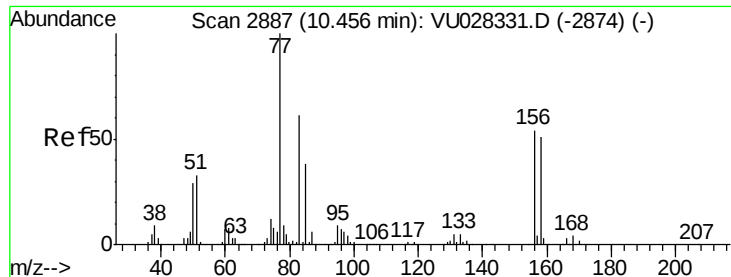
Tgt Ion:152 Resp: 16608
 Ion Ratio Lower Upper
 152 100
 115 71.5 0.0 146.8
 150 337.7 0.0 653.2



#69
 Isopropylbenzene
 Concen: 11.384 ug/l
 RT: 10.17 min Scan# 2797
 Delta R.T. -0.00 min
 Lab File: VU028333.D
 Acq: 26 Nov 2018 12:26

Tgt Ion:105 Resp: 744120
 Ion Ratio Lower Upper
 105 100
 120 25.0 12.6 37.6

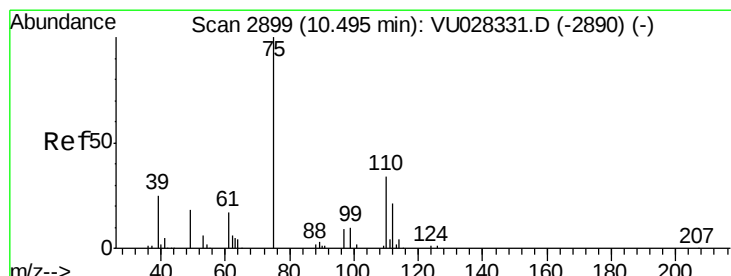
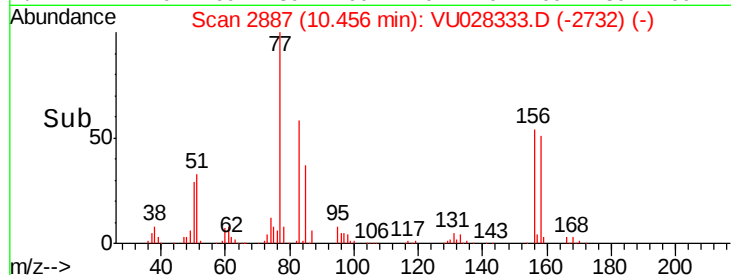
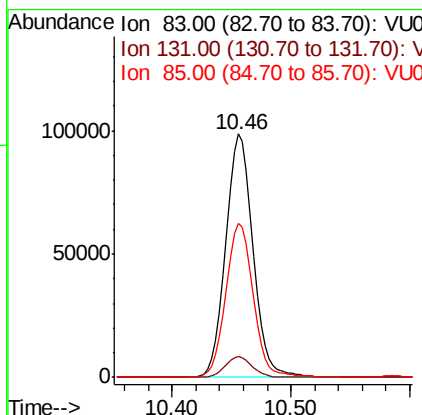
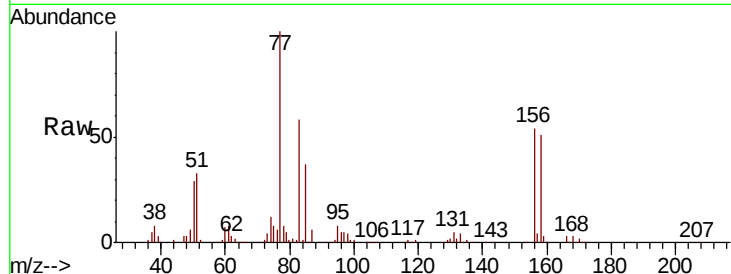




#70
 1,1,2,2-Tetrachloroethane
 Concen: 10.494 ug/l
 RT: 10.46 min Scan# 2887
 Delta R.T. -0.00 min
 Lab File: VU028333.D
 Acq: 26 Nov 2018 12:26

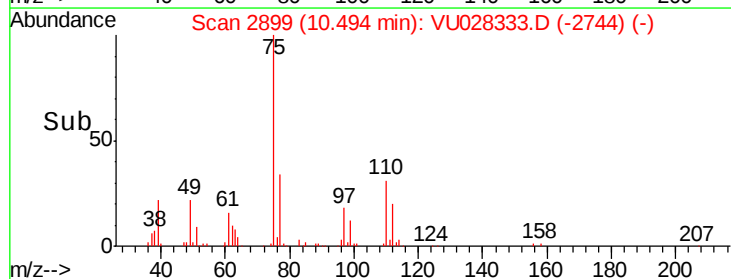
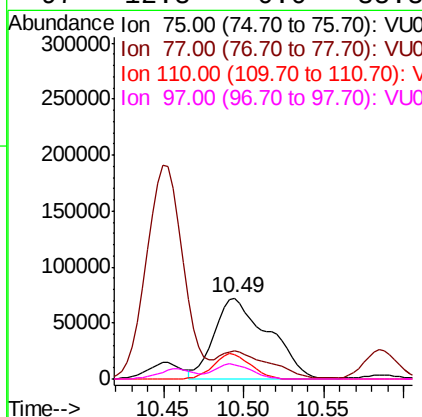
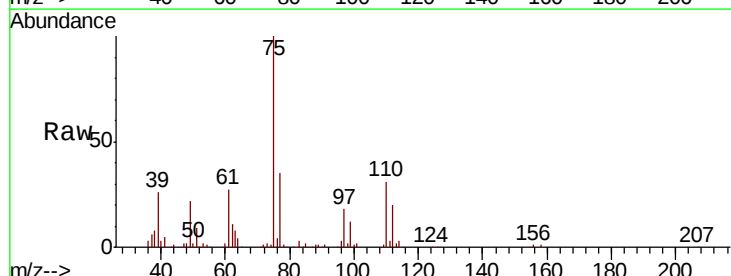
Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU112618

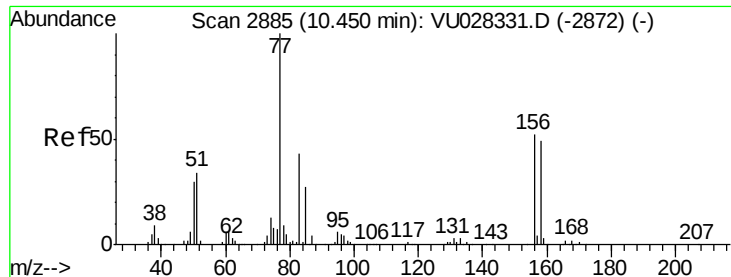
Tgt Ion: 83 Resp: 157273
 Ion Ratio Lower Upper
 83 100
 131 8.3 6.6 9.8
 85 63.6 50.5 75.7



#71
 1,2,3-Trichloropropane
 Concen: 16.098 ug/l
 RT: 10.49 min Scan# 2899
 Delta R.T. -0.00 min
 Lab File: VU028333.D
 Acq: 26 Nov 2018 12:26

Tgt Ion: 75 Resp: 168182
 Ion Ratio Lower Upper
 75 100
 77 30.9 0.0 0.0#
 110 21.3 0.0 67.6
 97 12.8 0.0 35.8





#72

Bromobenzene

Concen: 11.015 ug/l

RT: 10.45 min Scan# 2886

Delta R.T. 0.00 min

Lab File: VU028333.D

Acq: 26 Nov 2018 12:26

Instrument :

MSVOA_U

ClientSampleId :

ICVVU112618

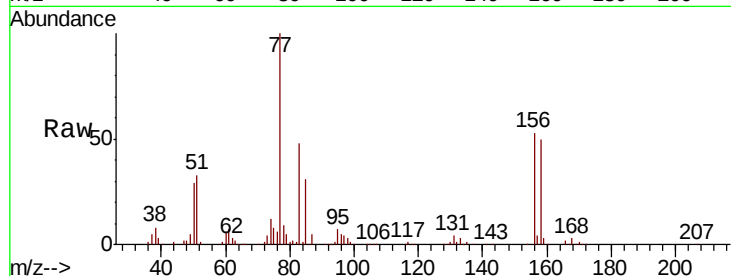
Tgt Ion:156 Resp: 159809

Ion Ratio Lower Upper

156 100

77 192.8 0.0 380.4

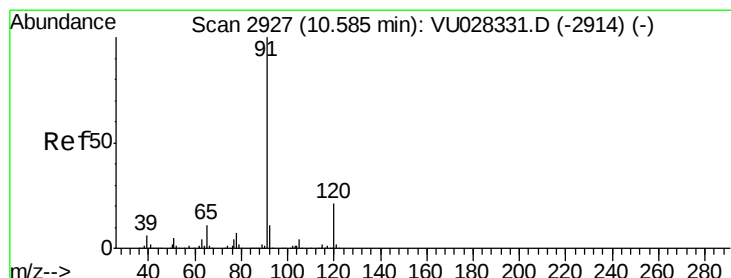
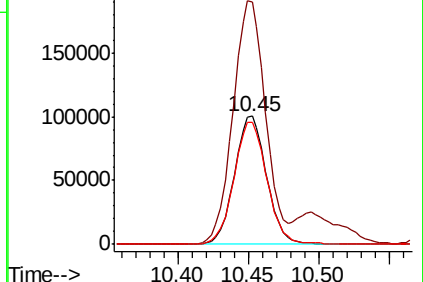
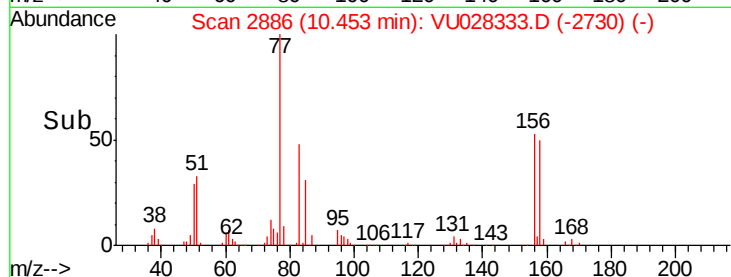
158 98.4 0.0 191.2



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VU0

Ion 158.00 (157.70 to 158.70): V



#73

n-propylbenzene

Concen: 11.379 ug/l

RT: 10.58 min Scan# 2927

Delta R.T. -0.00 min

Lab File: VU028333.D

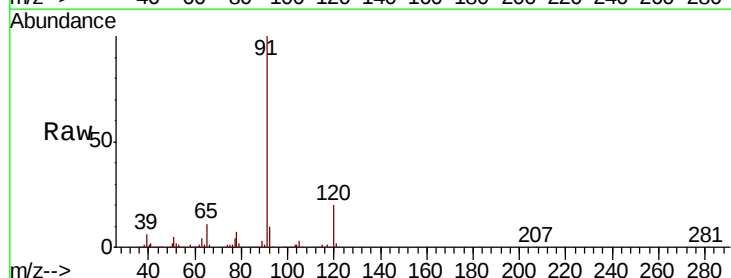
Acq: 26 Nov 2018 12:26

Tgt Ion:120 Resp: 192914

Ion Ratio Lower Upper

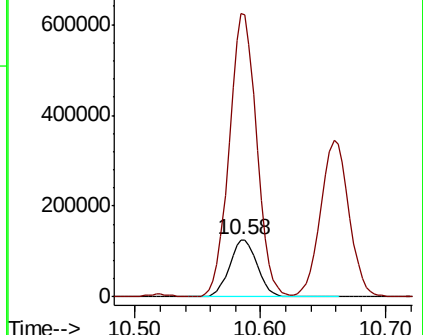
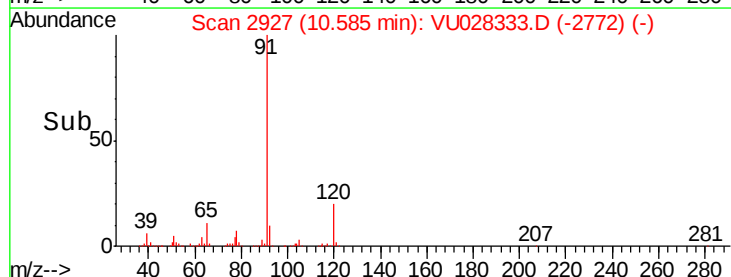
120 100

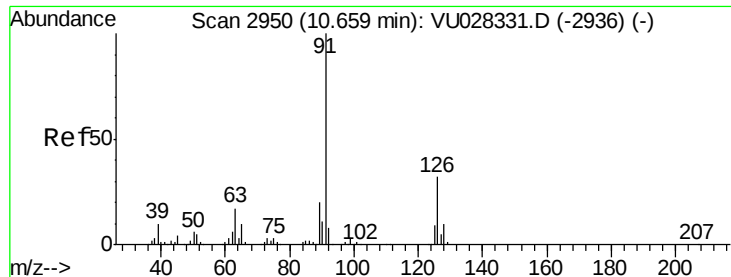
91 490.2 388.1 582.1



Abundance Ion 120.00 (119.70 to 120.70): V

Ion 91.00 (90.70 to 91.70): VU0





#74

2-Chlorotoluene

Concen: 10.815 ug/l

RT: 10.66 min Scan# 2950

Delta R.T. -0.00 min

Lab File: VU028333.D

Acq: 26 Nov 2018 12:26

Instrument :

MSVOA_U

ClientSampleId :

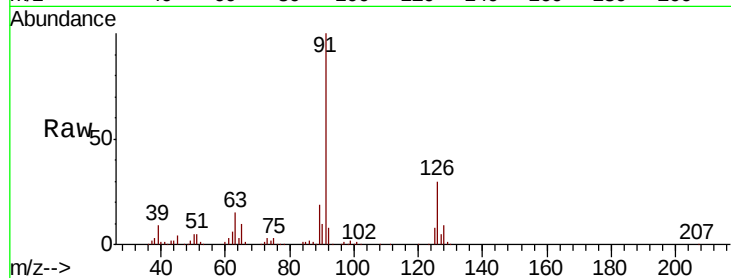
ICVVU112618

Tgt Ion:126 Resp: 160661

Ion Ratio Lower Upper

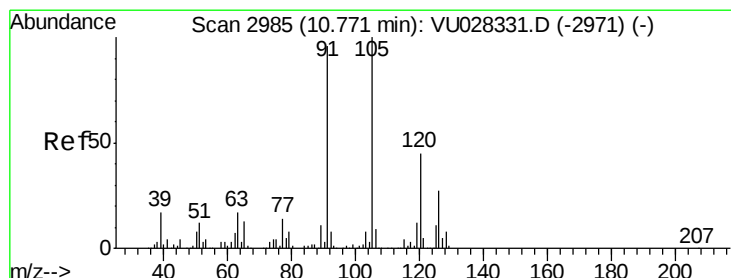
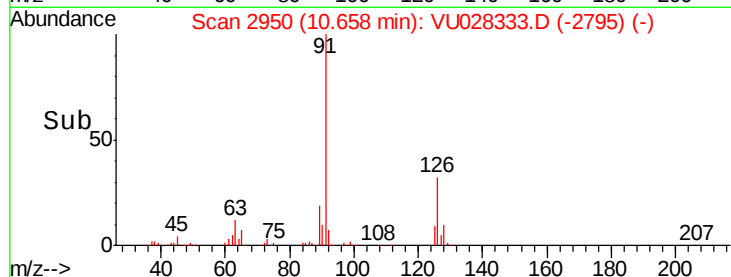
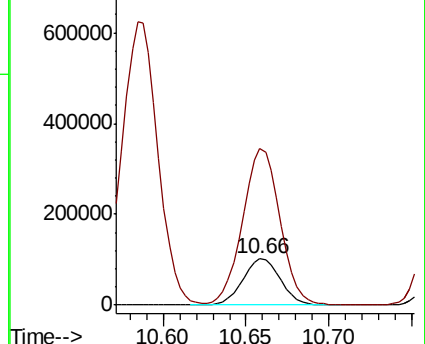
126 100

91 333.5 0.0 661.0



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0



#75

1,3,5-Trimethylbenzene

Concen: 11.388 ug/l

RT: 10.77 min Scan# 2985

Delta R.T. -0.00 min

Lab File: VU028333.D

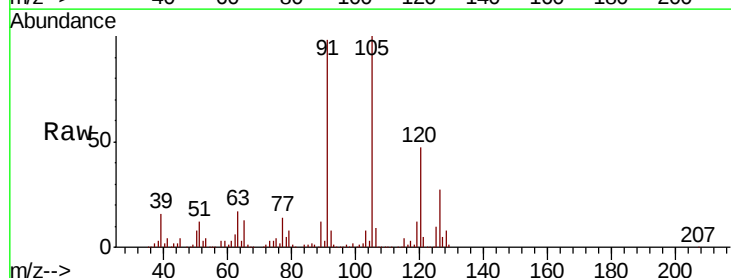
Acq: 26 Nov 2018 12:26

Tgt Ion:105 Resp: 626515

Ion Ratio Lower Upper

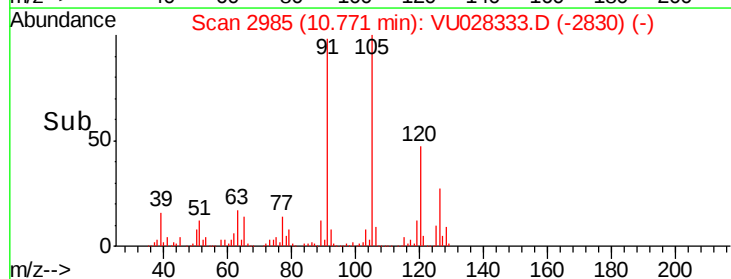
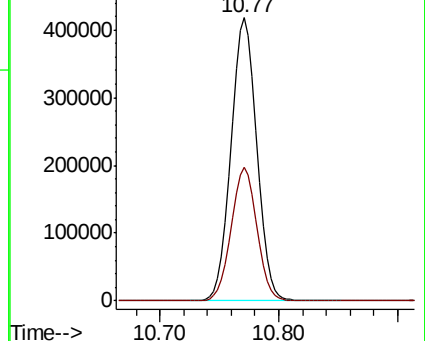
105 100

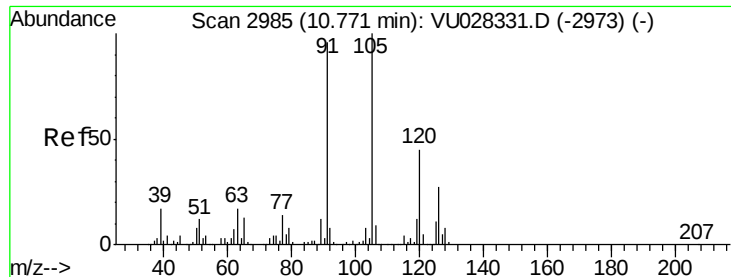
120 47.1 36.3 54.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

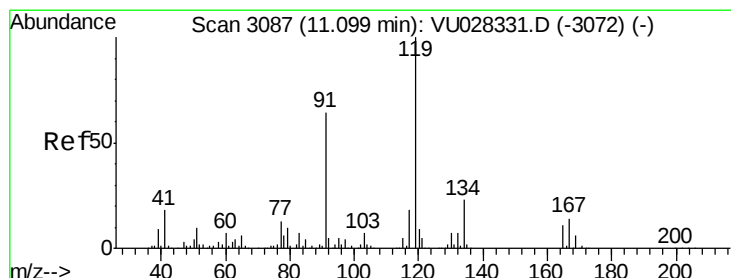
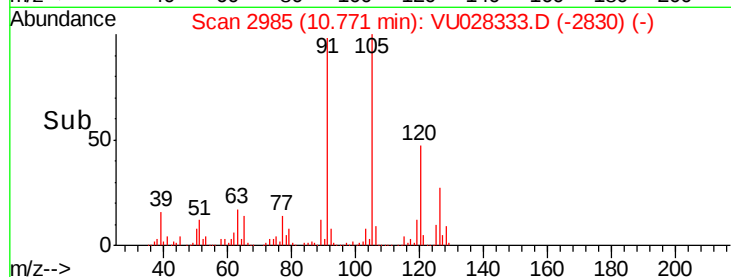
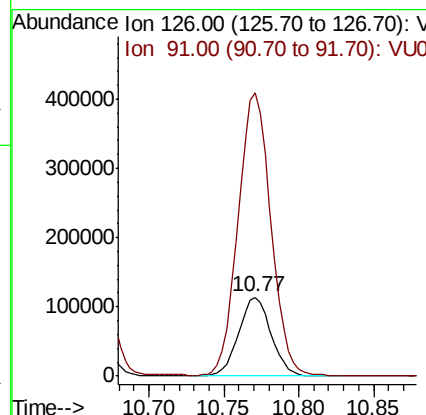
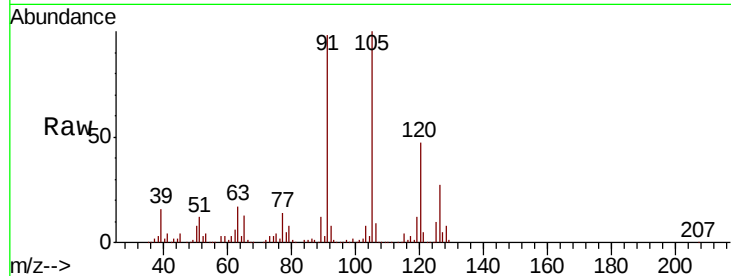




#76
4-Chlorotoluene
Concen: 11.353 ug/l
RT: 10.77 min Scan# 2985
Delta R.T. -0.00 min
Lab File: VU028333.D
Acq: 26 Nov 2018 12:26

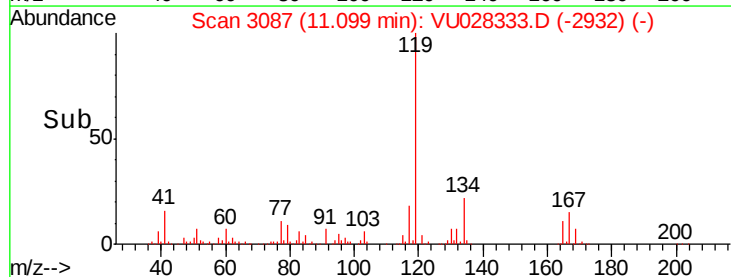
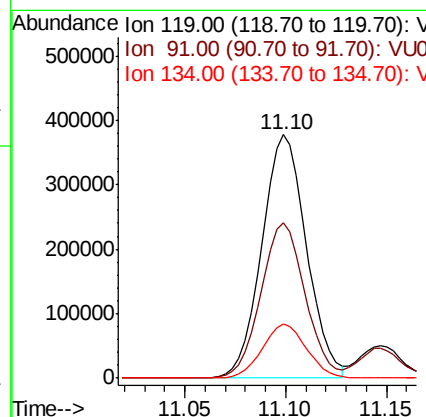
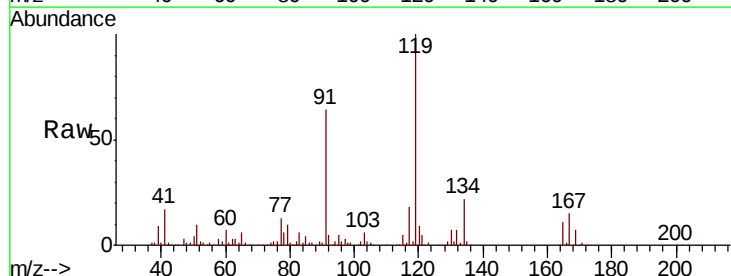
Instrument :
MSVOA_U
ClientSampleId :
ICVVU112618

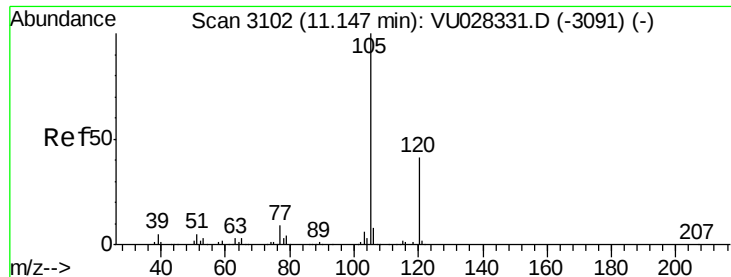
Tgt Ion:126 Resp: 170975
Ion Ratio Lower Upper
126 100
91 367.0 0.0 731.2



#77
tert-Butylbenzene
Concen: 11.248 ug/l
RT: 11.10 min Scan# 3087
Delta R.T. -0.00 min
Lab File: VU028333.D
Acq: 26 Nov 2018 12:26

Tgt Ion:119 Resp: 582581
Ion Ratio Lower Upper
119 100
91 63.3 32.0 96.0
134 22.1 17.9 26.9





#78

1,2,4-Trimethylbenzene

Concen: 11.365 ug/l

RT: 11.15 min Scan# 3102

Delta R.T. -0.00 min

Lab File: VU028333.D

Acq: 26 Nov 2018 12:26

Instrument :

MSVOA_U

ClientSampleId :

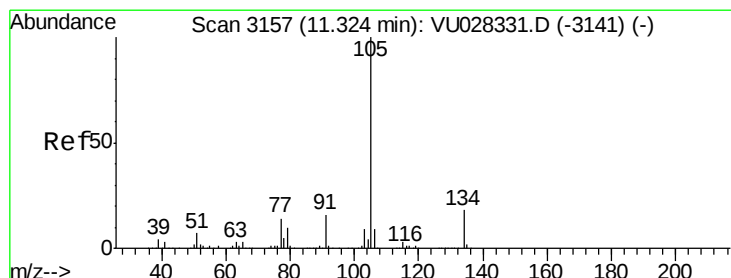
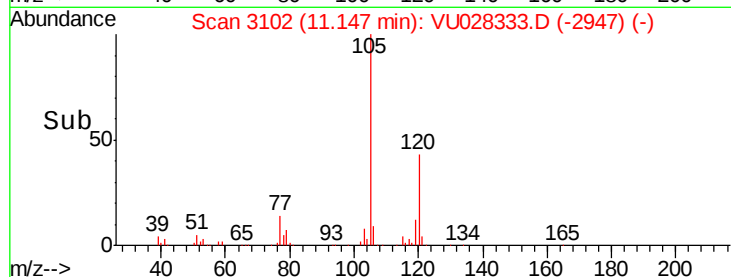
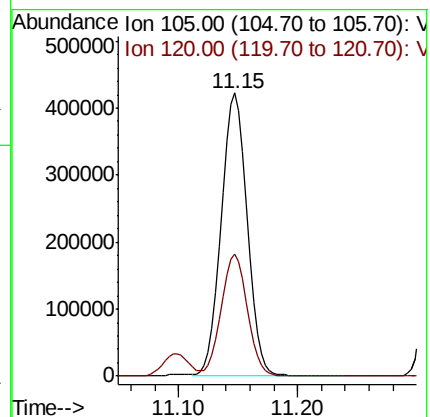
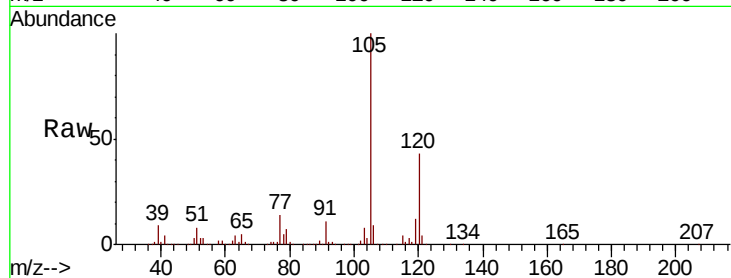
ICVVU112618

Tgt Ion:105 Resp: 640726

Ion Ratio Lower Upper

105 100

120 43.4 21.9 65.8



#79

sec-Butylbenzene

Concen: 10.885 ug/l

RT: 11.32 min Scan# 3157

Delta R.T. -0.00 min

Lab File: VU028333.D

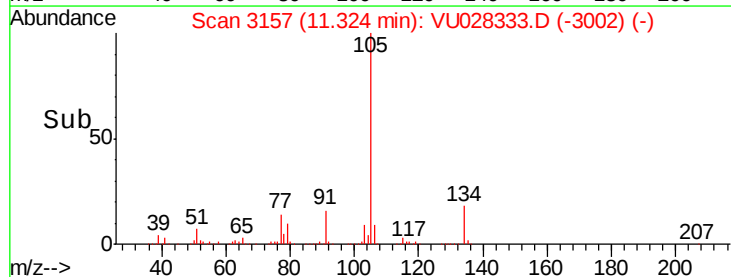
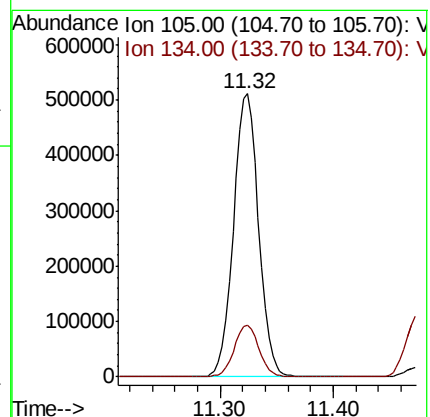
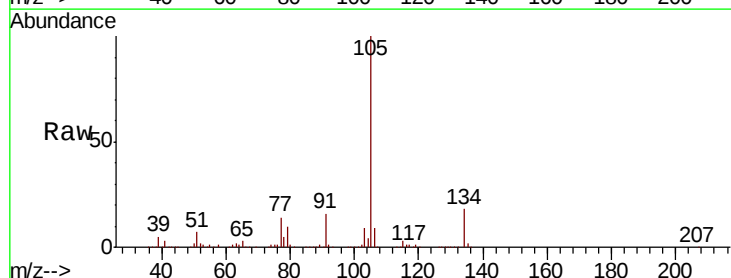
Acq: 26 Nov 2018 12:26

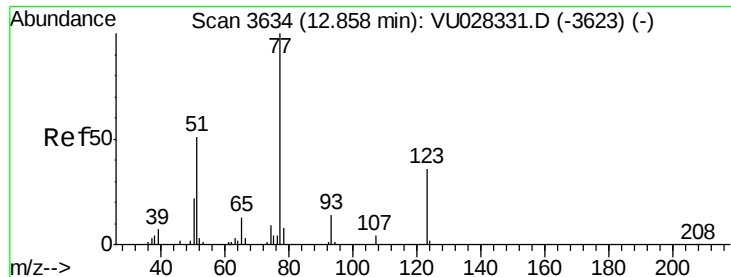
Tgt Ion:105 Resp: 785940

Ion Ratio Lower Upper

105 100

134 18.3 14.6 22.0





#80

Nitrobenzene

Concen: 12.255 ug/l

RT: 12.86 min Scan# 3635

Delta R.T. 0.00 min

Lab File: VU028333.D

Acq: 26 Nov 2018 12:26

Instrument :

MSVOA_U

ClientSampleId :

ICVVU112618

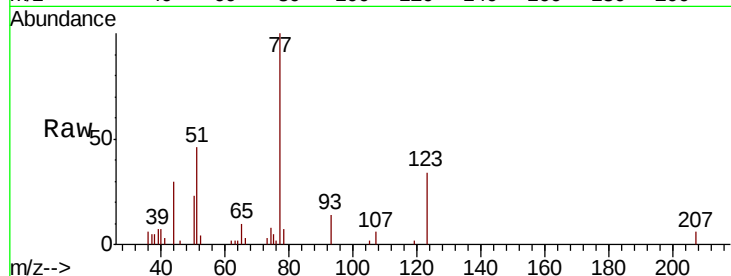
Tgt Ion: 77 Resp: 8274

Ion Ratio Lower Upper

77 100

123 35.8 16.5 58.3

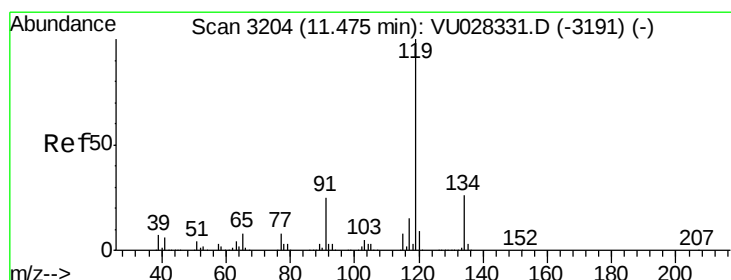
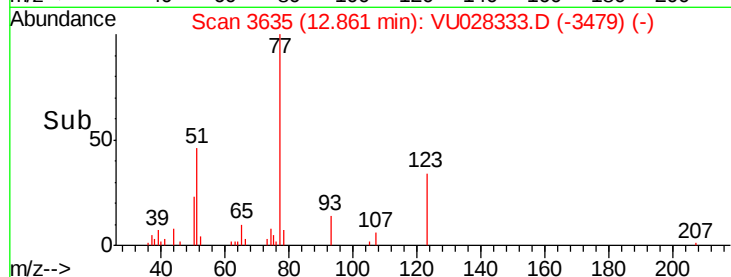
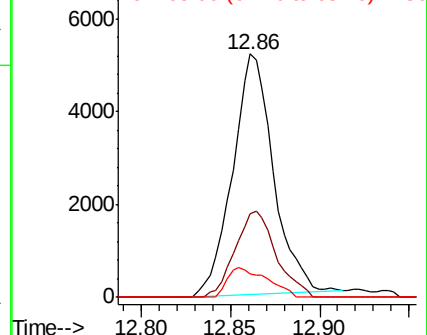
65 12.1 12.1 15.3



Abundance Ion 77.00 (76.70 to 77.70): VU028333.D (-3623) (-)

Ion 123.00 (122.70 to 123.70): VU028333.D (-3623) (-)

Ion 65.00 (64.70 to 65.70): VU028333.D (-3623) (-)



#81

p-Isopropyltoluene

Concen: 11.576 ug/l

RT: 11.48 min Scan# 3204

Delta R.T. -0.00 min

Lab File: VU028333.D

Acq: 26 Nov 2018 12:26

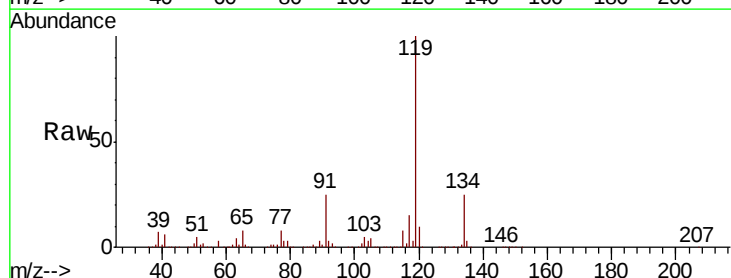
Tgt Ion: 119 Resp: 664168

Ion Ratio Lower Upper

119 100

134 24.7 20.3 30.5

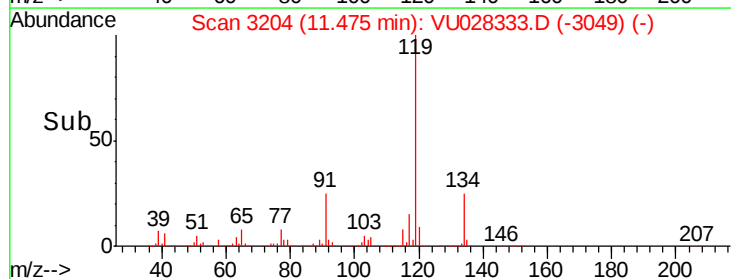
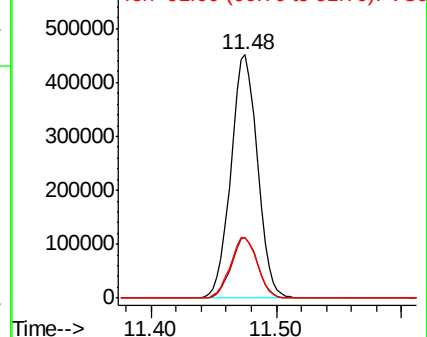
91 25.3 20.0 30.0

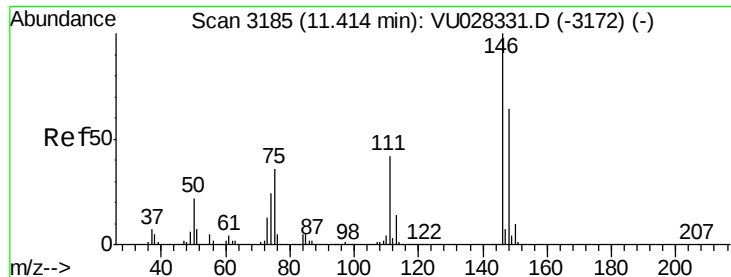


Abundance Ion 119.00 (118.70 to 119.70): VU028333.D (-3049) (-)

Ion 134.00 (133.70 to 134.70): VU028333.D (-3049) (-)

Ion 91.00 (90.70 to 91.70): VU028333.D (-3049) (-)





#82

1,3-Dichlorobenzene

Concen: 10.847 ug/l

RT: 11.42 min Scan# 3186

Delta R.T. 0.00 min

Lab File: VU028333.D

Acq: 26 Nov 2018 12:26

Instrument :

MSVOA_U

ClientSampleId :

ICVVU112618

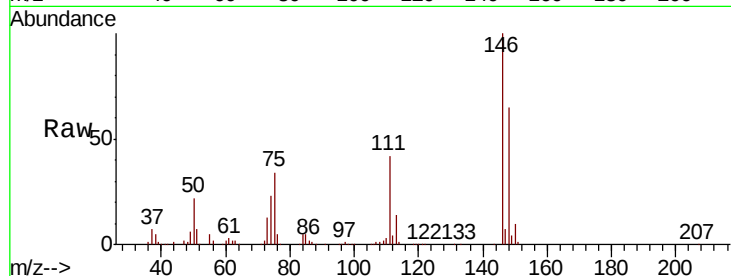
Tgt Ion:146 Resp: 315235

Ion Ratio Lower Upper

146 100

111 41.4 33.4 50.2

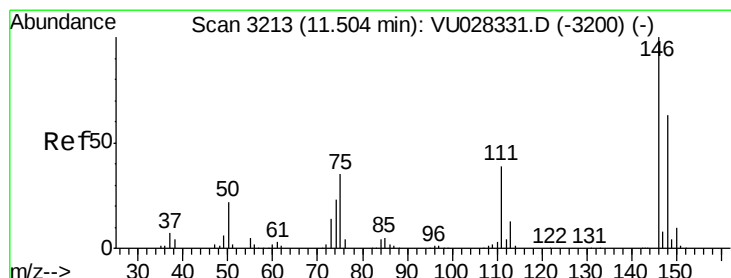
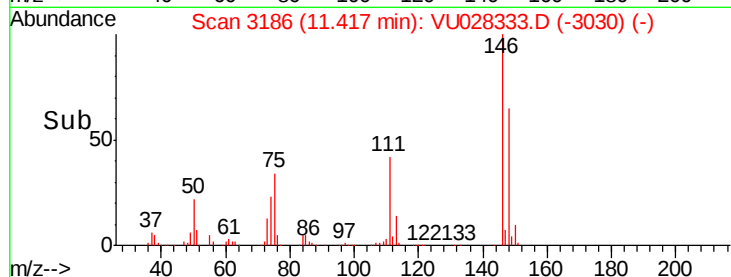
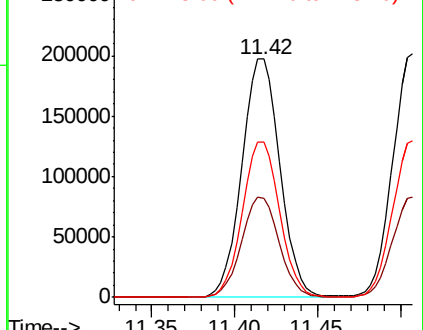
148 63.9 51.2 76.8



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#83

1,4-Dichlorobenzene

Concen: 10.788 ug/l

RT: 11.51 min Scan# 3214

Delta R.T. 0.00 min

Lab File: VU028333.D

Acq: 26 Nov 2018 12:26

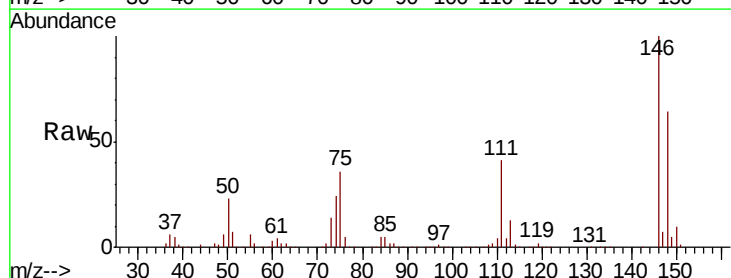
Tgt Ion:146 Resp: 312033

Ion Ratio Lower Upper

146 100

111 41.0 31.4 47.2

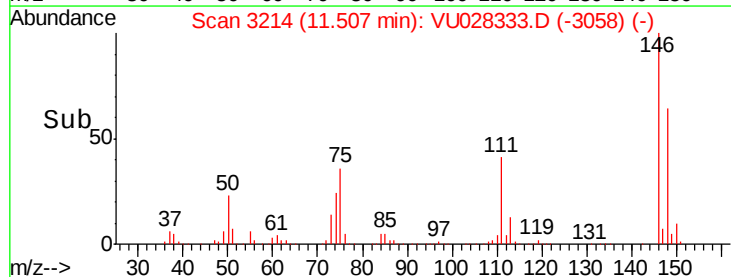
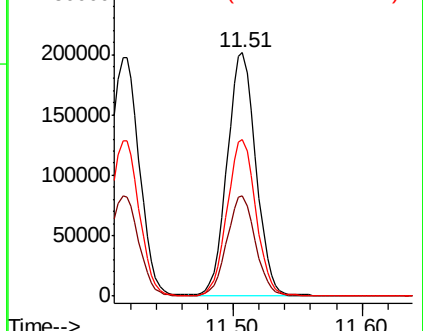
148 64.4 50.7 76.1

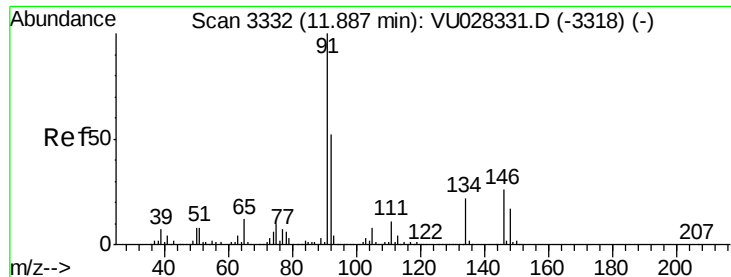


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

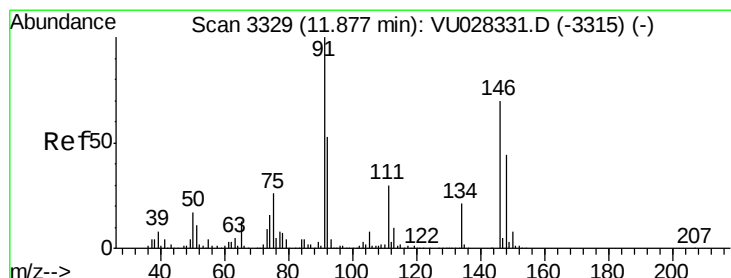
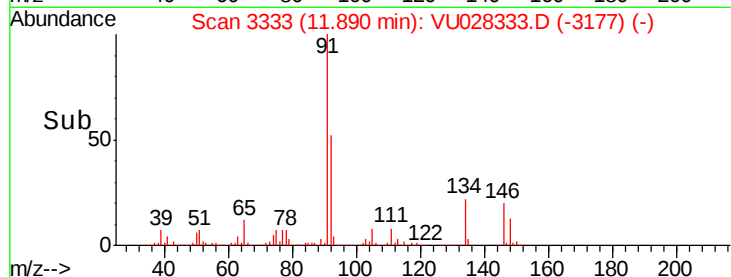
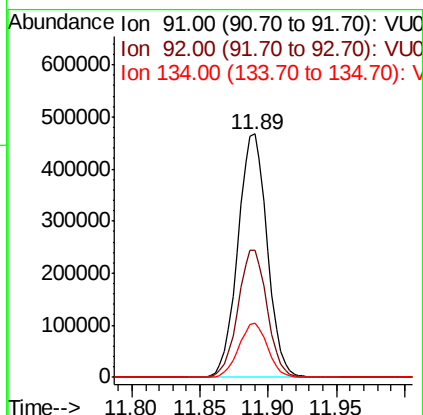
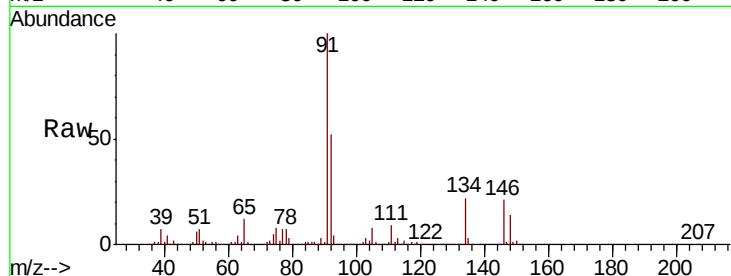




#84
n-Butylbenzene
Concen: 11.548 ug/l
RT: 11.89 min Scan# 3333
Delta R.T. 0.00 min
Lab File: VU028333.D
Acq: 26 Nov 2018 12:26

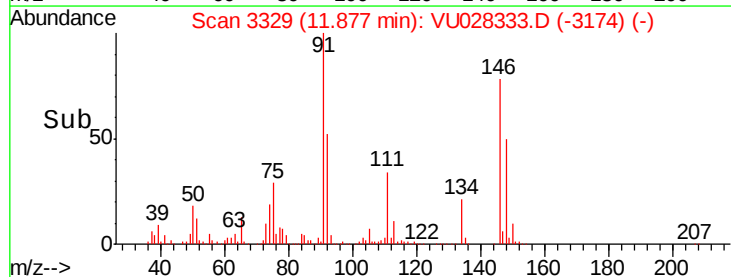
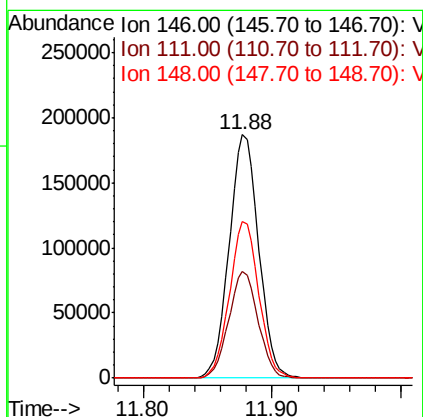
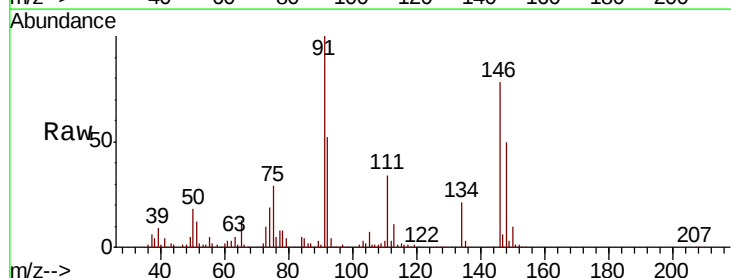
Instrument :
MSVOA_U
ClientSampleId :
ICVVU112618

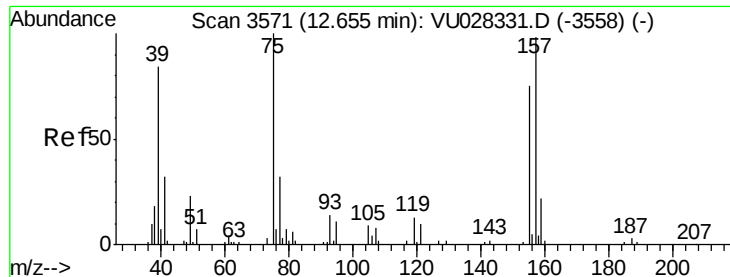
Tgt Ion: 91 Resp: 695637
Ion Ratio Lower Upper
91 100
92 52.1 41.6 62.4
134 21.8 17.8 26.6



#85
1,2-Dichlorobenzene
Concen: 10.691 ug/l
RT: 11.88 min Scan# 3329
Delta R.T. -0.00 min
Lab File: VU028333.D
Acq: 26 Nov 2018 12:26

Tgt Ion: 146 Resp: 295719
Ion Ratio Lower Upper
146 100
111 43.8 21.4 64.3
148 64.1 31.4 94.2

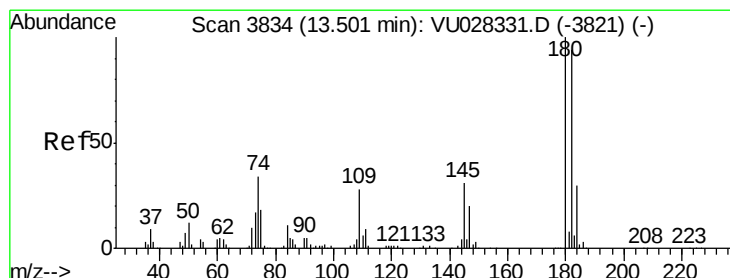
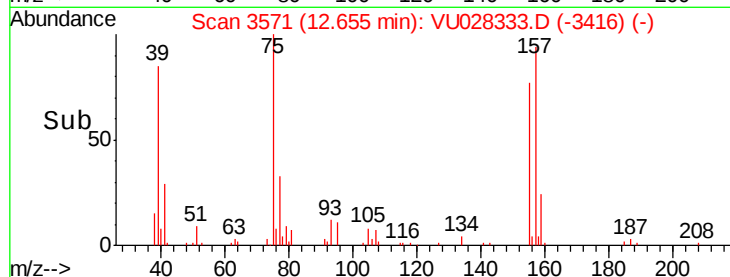
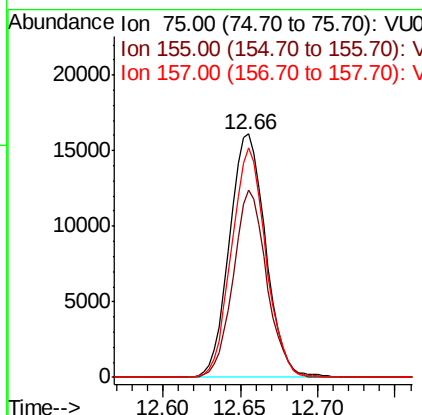
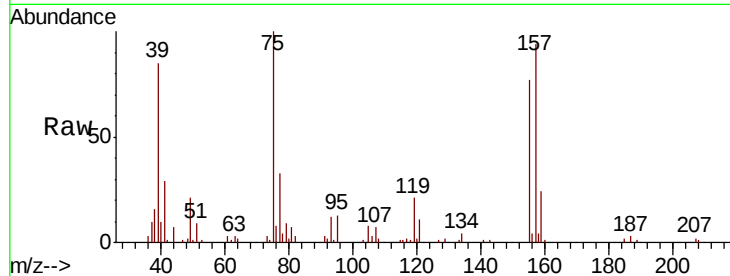




#86
 1,2-Dibromo-3-Chloropropane
 Concen: 10.846 ug/l
 RT: 12.66 min Scan# 3571
 Delta R.T. -0.00 min
 Lab File: VU028333.D
 Acq: 26 Nov 2018 12:26

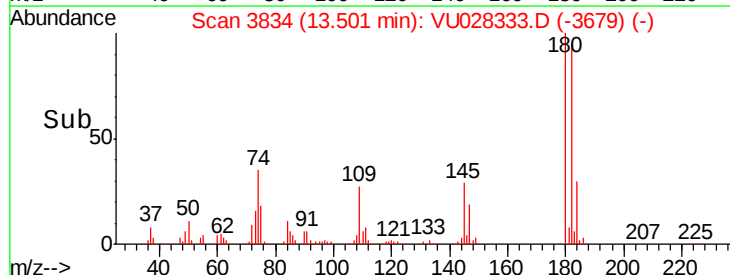
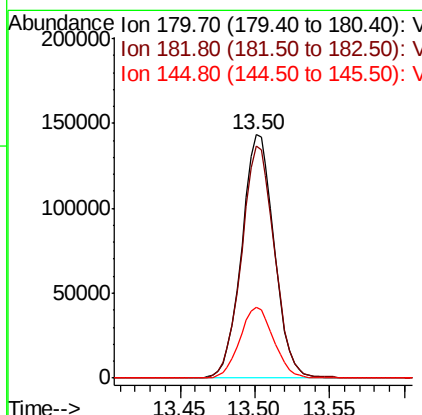
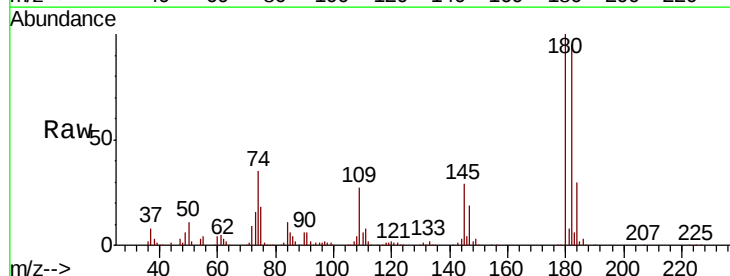
Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU112618

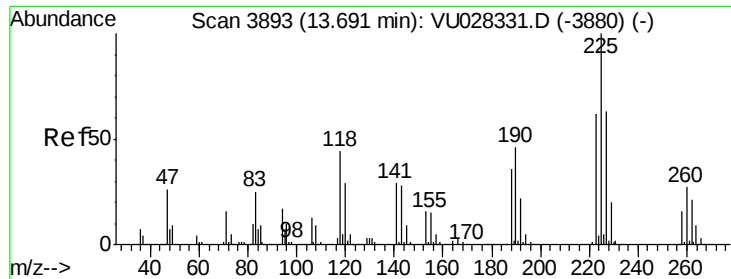
Tgt Ion: 75 Resp: 26147
 Ion Ratio Lower Upper
 75 100
 155 71.0 57.0 85.4
 157 89.2 75.4 113.2



#87
 1,2,4-Trichlorobenzene
 Concen: 11.152 ug/l
 RT: 13.50 min Scan# 3834
 Delta R.T. -0.00 min
 Lab File: VU028333.D
 Acq: 26 Nov 2018 12:26

Tgt Ion: 180 Resp: 216851
 Ion Ratio Lower Upper
 180 100
 182 96.6 75.6 113.4
 145 30.2 24.4 36.6





#88

Hexachlorobutadiene

Concen: 11.052 ug/l

RT: 13.69 min Scan# 3893

Delta R.T. -0.00 min

Lab File: VU028333.D

Acq: 26 Nov 2018 12:26

Instrument :

MSVOA_U

ClientSampleId :

ICVVU112618

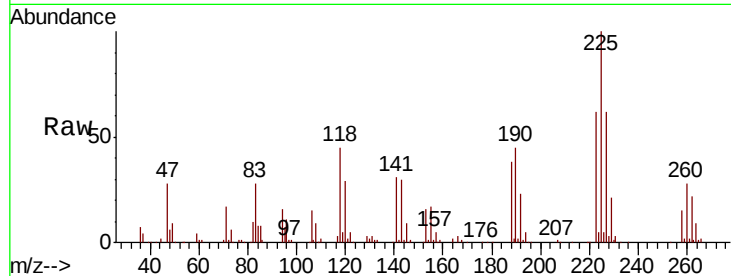
Tgt Ion:225 Resp: 116281

Ion Ratio Lower Upper

225 100

223 62.8 50.6 76.0

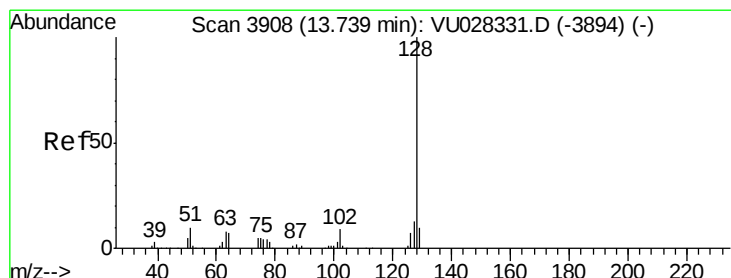
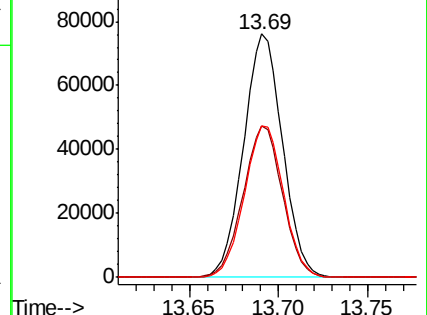
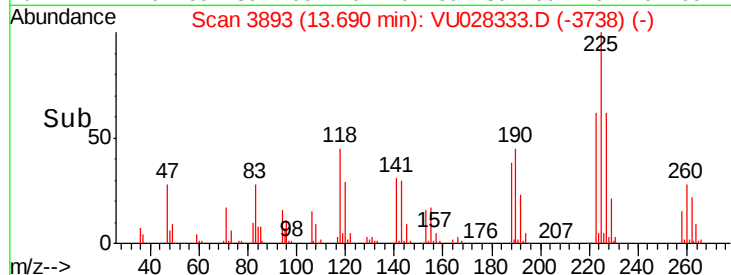
227 62.7 50.8 76.2



Abundance Ion 224.60 (224.30 to 225.30): V

Ion 222.60 (222.30 to 223.30): V

Ion 226.60 (226.30 to 227.30): V



#89

Naphthalene

Concen: 11.488 ug/l

RT: 13.74 min Scan# 3909

Delta R.T. 0.00 min

Lab File: VU028333.D

Acq: 26 Nov 2018 12:26

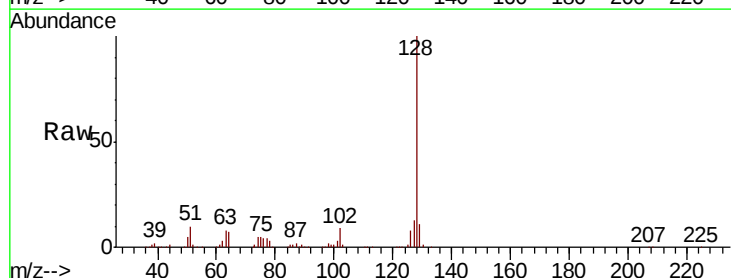
Tgt Ion:128 Resp: 441494

Ion Ratio Lower Upper

128 100

127 13.2 10.3 15.5

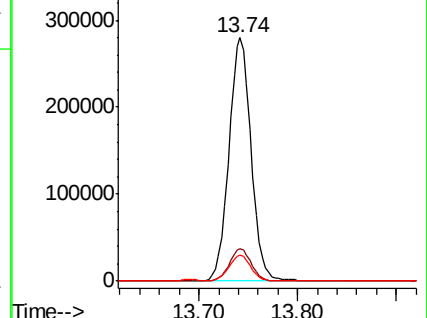
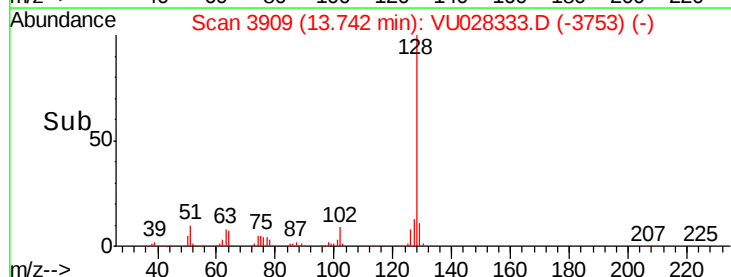
129 10.6 8.2 12.4

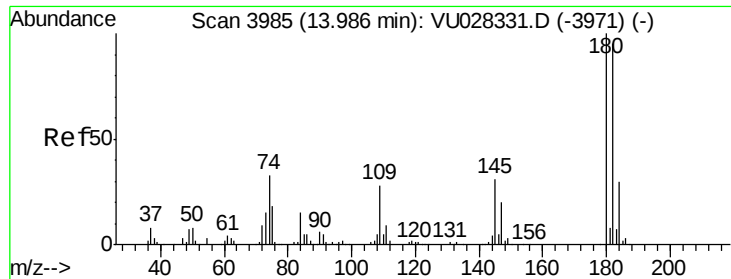


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

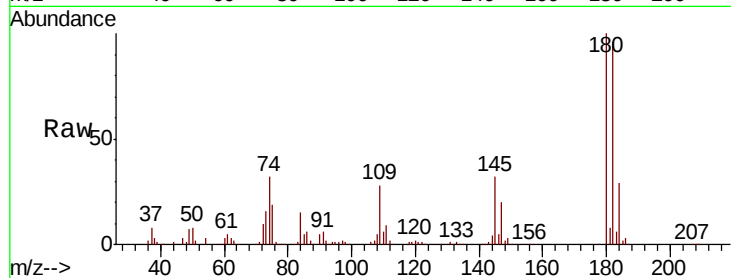




#90
 1,2,3-Trichlorobenzene
 Concen: 11.075 ug/l
 RT: 13.99 min Scan# 3985
 Delta R.T. -0.00 min
 Lab File: VU028333.D
 Acq: 26 Nov 2018 12:26

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU112618

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.6	76.1	114.1
145	31.6	26.0	39.0



Abundance

Ion 179.70 (179.40 to 180.40): V

Ion 181.70 (181.40 to 182.40): V

Ion 144.80 (144.50 to 145.50): V

