

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\U0112618\
 Data File : VU028332.D
 Acq On : 26 Nov 2018 11:49
 Operator : MD/SY
 Sample : VSTDIC020
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

Quant Time: Nov 27 00:44:54 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U0112618DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Nov 27 00:37:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	5.74	96	50206	1.00	ug/l	0.00

System Monitoring Compounds

57) 4-Bromofluorobenzene	10.31	95	19347	1.05	ug/l	0.00
Spiked Amount 1.000			Recovery	=	105.00%	
68) 1,2-Dichlorobenzene-d4	11.86	152	18550	1.08	ug/l	0.00
Spiked Amount 1.000			Recovery	=	108.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	365636	20.245	ug/l	100
3) Chloromethane	1.32	50	585085	19.034	ug/l	99
4) Vinyl Chloride	1.40	62	424159	20.162	ug/l	98
5) Bromomethane	1.62	94	144495	17.433	ug/l	99
6) Chloroethane	1.70	64	242413	19.737	ug/l	99
7) Trichlorofluoromethane	1.89	101	458432	19.952	ug/l	99
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	262073	19.831	ug/l	99
9) 1,1-Dichloroethene	2.29	96	237334	19.416	ug/l	97
10) Iodomethane	2.41	142	199575	24.141	ug/l	99
11) Allyl Chloride	2.59	41	605628	19.626	ug/l	99
12) Acrylonitrile	2.94	53	147721	37.939	ug/l	99
13) Acetone	2.33	43	328864	91.143	ug/l	98
14) Carbon Disulfide	2.48	76	917712	19.765	ug/l	100
15) Methylene Chloride	2.70	84	283055	18.990	ug/l	98
16) trans-1,2-Dichloroethene	2.98	96	265742	19.425	ug/l	99
17) 1,1-Dichloroethane	3.44	63	603867	19.801	ug/l	99
18) 2-Butanone	4.28	43	558006	103.494	ug/l	99
19) Cyclohexane	4.99	56	542976	20.509	ug/l	99
20) Methylcyclohexane	6.41	83	545161	21.036	ug/l	100
21) 2,2-Dichloropropane	4.22	77	469762	19.193	ug/l	99
22) cis-1,2-Dichloroethene	4.22	96	322853	20.167	ug/l	97
23) Diethyl Ether	2.11	59	243261	19.852	ug/l	99
24) tert-Butyl Alcohol	2.85	59	248198	209.404	ug/l	99
25) Methyl tert-Butyl Ether	3.00	73	725646	19.985	ug/l	100
26) Bromochloromethane	4.55	128	118745	19.459	ug/l	98
27) Chloroform	4.67	83	557122	18.943	ug/l	100
28) 1,1,1-Trichloroethane	4.91	97	453207	19.733	ug/l	100
29) 1,1-Dichloropropene	5.13	75	452599	20.541	ug/l	99
30) Carbon Tetrachloride	5.13	117	368210	19.853	ug/l	97
31) Isopropyl Ether	3.58	45	1107138	20.272	ug/l	99
32) Ethyl-t-butyl ether	4.08	59	918374	20.417	ug/l	99
33) Tert-Amyl methyl ether	5.58	73	759517	20.355	ug/l	99
34) Propionitrile	4.34	54	146610	108.243	ug/l #	96
35) Benzene	5.39	78	1312400	20.234	ug/l	98
36) 1,2-Dichloroethane	5.40	62	378667	19.519	ug/l	99
37) Trichloroethene	6.18	130	290909	20.592	ug/l	98
38) 1,2-Dichloropropane	6.43	63	370260	20.017	ug/l	97
39) Methacrylonitrile	4.55	41	144633	19.935	ug/l	99
40) Methyl acrylate	4.43	55	202836	20.322	ug/l	99
41) Tetrahydrofuran	4.65	42	146017	40.040	ug/l	98
42) 1-Chlorobutane	5.06	56	710476	20.286	ug/l	100

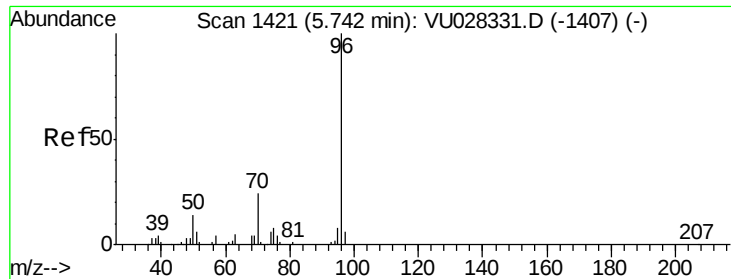
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU112618\
 Data File : VU028332.D
 Acq On : 26 Nov 2018 11:49
 Operator : MD/SY
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 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.56	93	159879	20.304	ug/l	100
44) Bromodichloromethane	6.76	83	415861	20.001	ug/l	97
45) 4-Methyl-2-Pentanone	7.46	43	1315966	104.047	ug/l	99
46) t-1,4-Dichloro-2-butene	10.49	75	176999	39.030	ug/l	88
47) Methyl methacrylate	6.63	69	345860	43.032	ug/l	98
48) Ethyl methacrylate	8.02	69	350150	21.779	ug/l	99
49) Toluene	7.64	92	760263	21.106	ug/l	100
50) t-1,3-Dichloropropene	7.88	75	417731	20.917	ug/l	99
51) cis-1,3-Dichloropropene	7.27	75	508765	20.631	ug/l	99
52) 1,1,2-Trichloroethane	8.07	97	220529	19.949	ug/l	98
53) 1,3-Dichloropropane	8.24	76	414586	20.077	ug/l	99
54) 2-Hexanone	8.36	43	931577	102.388	ug/l	98
55) Dibromochloromethane	8.48	129	246434	20.957	ug/l	99
56) 1,2-Dibromoethane	8.58	107	203038	20.163	ug/l	98
58) Tetrachloroethene	8.22	164	260146	20.112	ug/l	97
59) Chlorobenzene	9.12	112	771337	20.578	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.21	131	256098	20.161	ug/l	98
61) Pentachloroethane	11.10	117	202780	20.514	ug/l	100
62) Hexachloroethane	12.14	117	199787	21.568	ug/l	98
63) Ethyl Benzene	9.25	91	1490830	21.555	ug/l	99
64) m/p-Xylenes	9.37	106	1072708	42.857	ug/l	98
65) o-Xylene	9.78	106	520510	21.550	ug/l	98
66) Styrene	9.79	104	907838	21.913	ug/l	99
67) Bromoform	9.96	173	139448	21.160	ug/l	100
69) Isopropylbenzene	10.17	105	1396739	21.596	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.46	83	301199	20.312	ug/l	98
71) 1,2,3-Trichloropropane	10.49	75	176999	17.326	ug/l #	90
72) Bromobenzene	10.45	156	307024	21.387	ug/l	99
73) n-propylbenzene	10.59	120	372213	22.189	ug/l	99
74) 2-Chlorotoluene	10.66	126	315143	21.441	ug/l	97
75) 1,3,5-Trimethylbenzene	10.77	105	1186367	21.795	ug/l	98
76) 4-Chlorotoluene	10.77	126	327451	21.974	ug/l	99
77) tert-Butylbenzene	11.10	119	1122465	21.903	ug/l	99
78) 1,2,4-Trimethylbenzene	11.15	105	1230679	22.063	ug/l	99
79) sec-Butylbenzene	11.32	105	1580179	22.119	ug/l	99
80) Nitrobenzene	12.86	77	81908	122.608	ug/l	99
81) p-Isopropyltoluene	11.48	119	1272103	22.408	ug/l	100
82) 1,3-Dichlorobenzene	11.42	146	618524	21.511	ug/l	100
83) 1,4-Dichlorobenzene	11.50	146	618101	21.597	ug/l	99
84) n-Butylbenzene	11.89	91	1380044	23.154	ug/l	99
85) 1,2-Dichlorobenzene	11.88	146	581785	21.257	ug/l	99
86) 1,2-Dibromo-3-Chloropropan	12.66	75	50677	21.245	ug/l	99
87) 1,2,4-Trichlorobenzene	13.50	180	445872	23.174	ug/l	98
88) Hexachlorobutadiene	13.69	225	230857	22.177	ug/l	99
89) Naphthalene	13.74	128	872098	22.935	ug/l	99
90) 1,2,3-Trichlorobenzene	13.99	180	403428	22.237	ug/l	99

(#) = 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: VU028332.D

Acq: 26 Nov 2018 11:49

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC020

Tgt Ion: 96 Resp: 50206

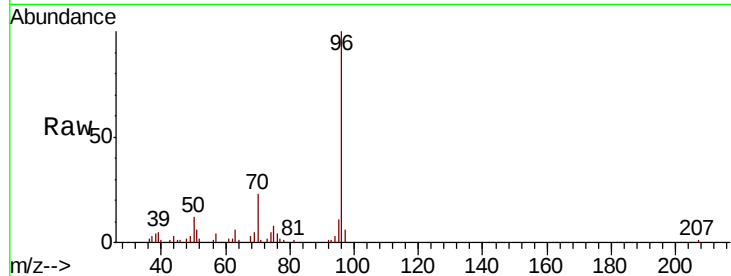
Ion Ratio Lower Upper

96 100

70 23.3 17.8 26.8

95 0.0 7.6 11.4#

97 0.0 0.0 0.0

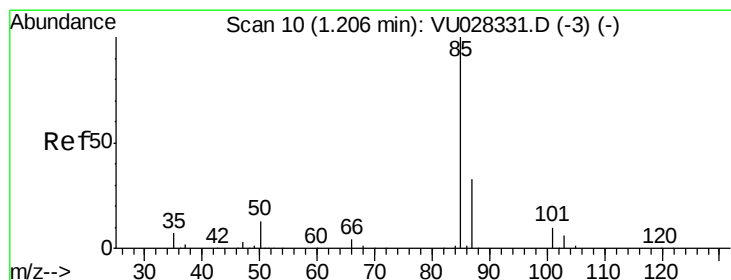
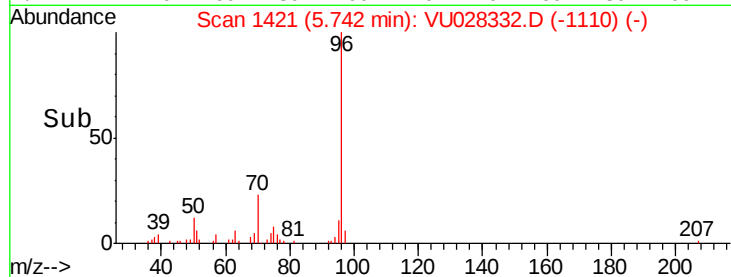
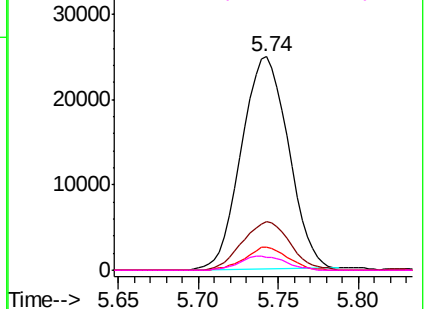


Abundance Ion 96.00 (95.70 to 96.70): VU028331.D (-1407) (-)

Ion 70.00 (69.70 to 70.70): VU028331.D (-1407) (-)

Ion 95.00 (94.70 to 95.70): VU028331.D (-1407) (-)

Ion 97.00 (96.70 to 97.70): VU028331.D (-1407) (-)



#2

Dichlorodifluoromethane

Concen: 20.245 ug/l

RT: 1.21 min Scan# 10

Delta R.T. -0.00 min

Lab File: VU028332.D

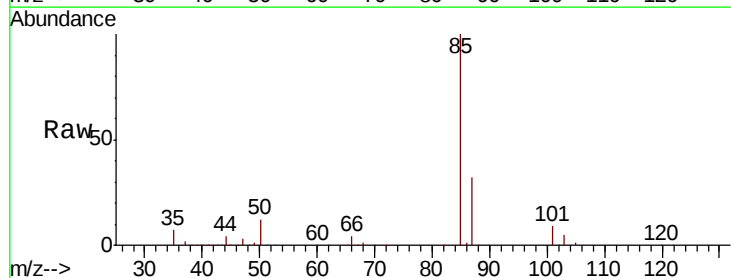
Acq: 26 Nov 2018 11:49

Tgt Ion: 85 Resp: 365636

Ion Ratio Lower Upper

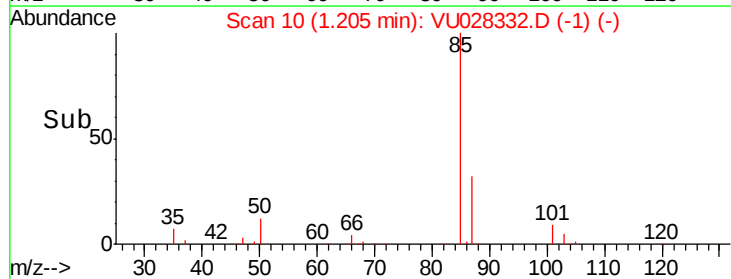
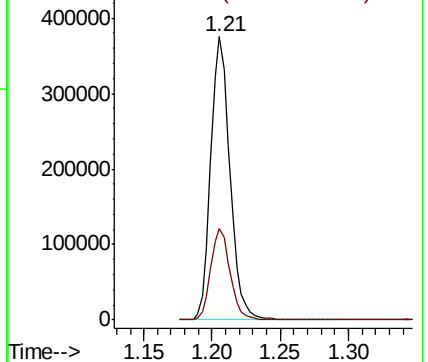
85 100

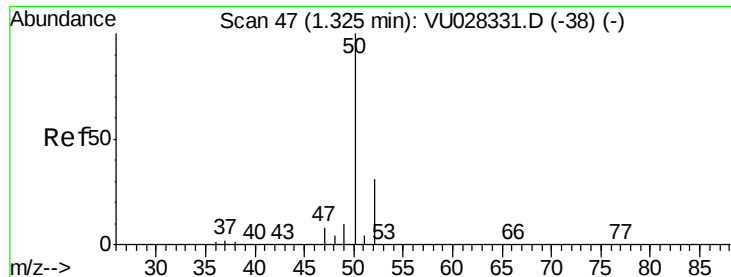
87 32.4 16.3 48.8



Abundance Ion 85.00 (84.70 to 85.70): VU028331.D (-3) (-)

Ion 87.00 (86.70 to 87.70): VU028331.D (-3) (-)





#3

Chloromethane

Concen: 19.034 ug/l

RT: 1.32 min Scan# 47

Delta R.T. -0.00 min

Lab File: VU028332.D

Acq: 26 Nov 2018 11:49

Instrument :

MSVOA_U

ClientSampleId :

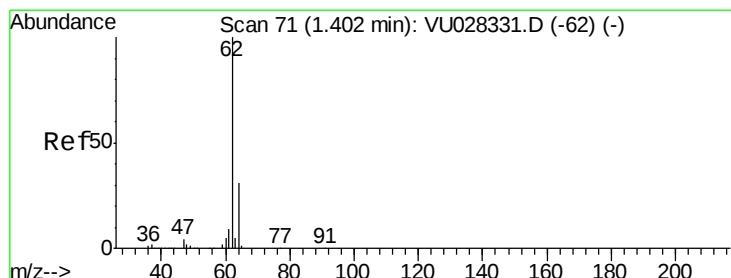
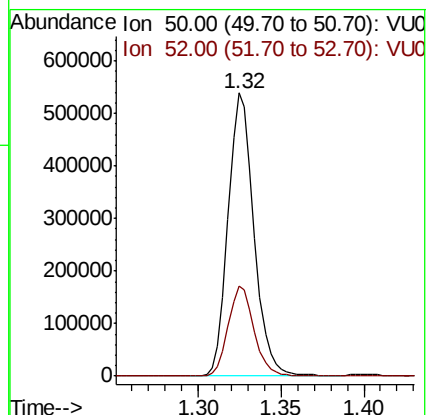
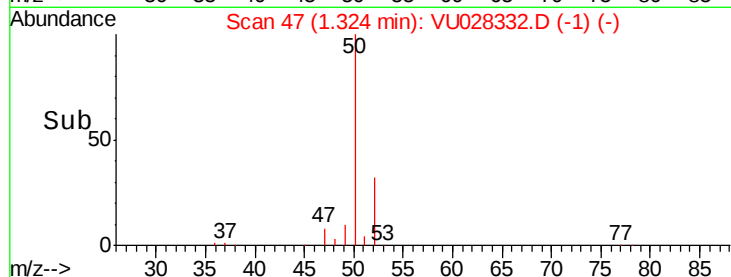
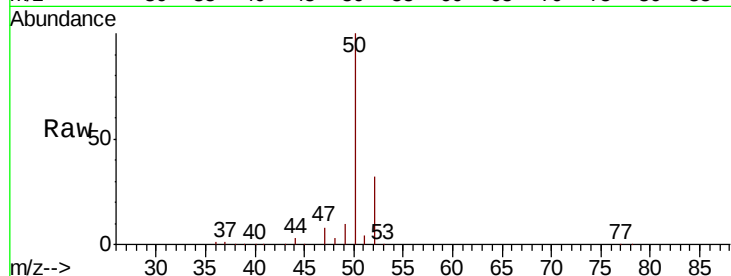
VSTDIC020

Tgt Ion: 50 Resp: 585085

Ion Ratio Lower Upper

50 100

52 31.8 25.1 37.7



#4

Vinyl Chloride

Concen: 20.162 ug/l

RT: 1.40 min Scan# 71

Delta R.T. -0.00 min

Lab File: VU028332.D

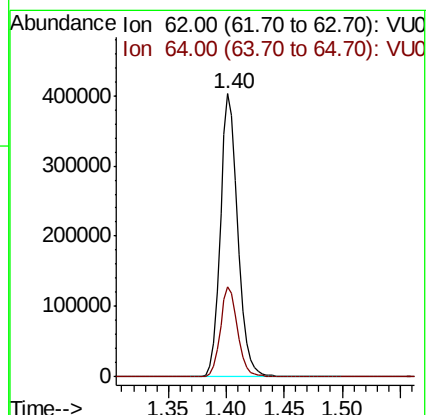
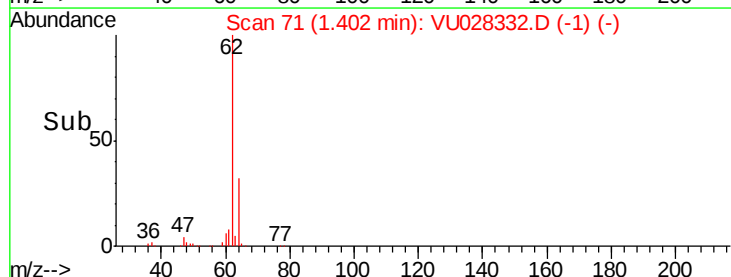
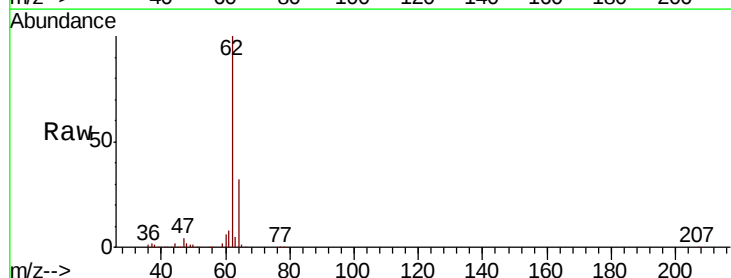
Acq: 26 Nov 2018 11:49

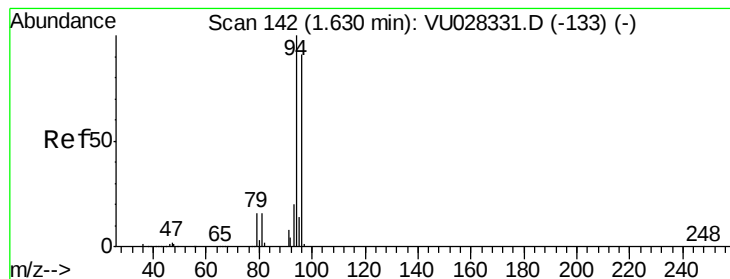
Tgt Ion: 62 Resp: 424159

Ion Ratio Lower Upper

62 100

64 31.8 24.7 37.1





#5

Bromomethane

Concen: 17.433 ug/l

RT: 1.62 min Scan# 140

Delta R.T. -0.01 min

Lab File: VU028332.D

Acq: 26 Nov 2018 11:49

Instrument :

MSVOA_U

ClientSampleId :

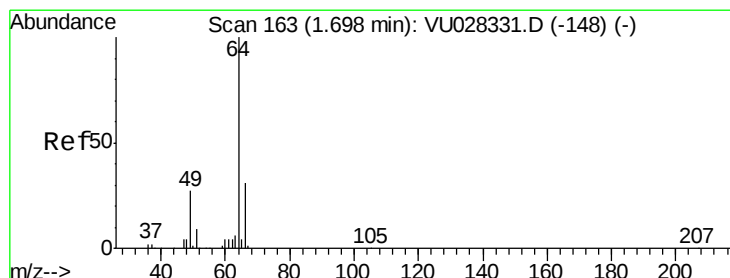
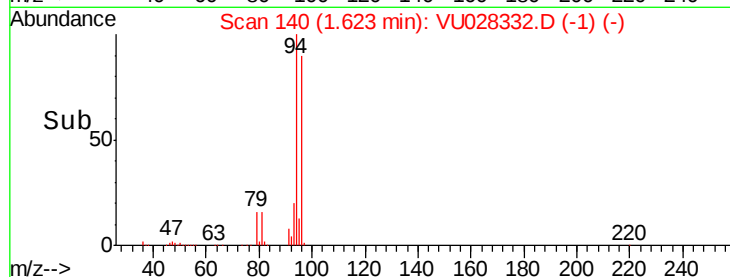
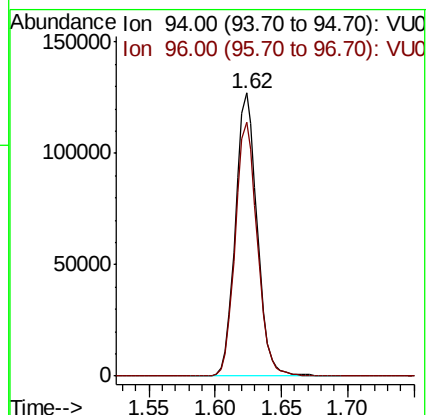
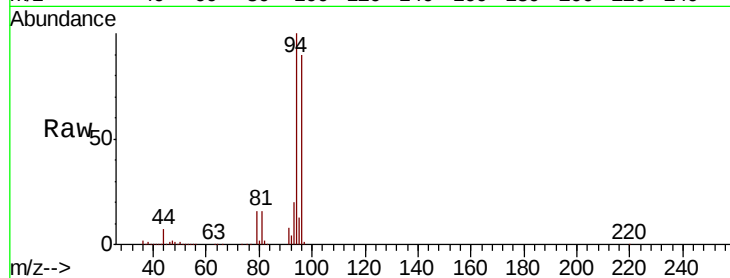
VSTDIC020

Tgt Ion: 94 Resp: 144495

Ion Ratio Lower Upper

94 100

96 90.0 73.1 109.7



#6

Chloroethane

Concen: 19.737 ug/l

RT: 1.70 min Scan# 163

Delta R.T. -0.00 min

Lab File: VU028332.D

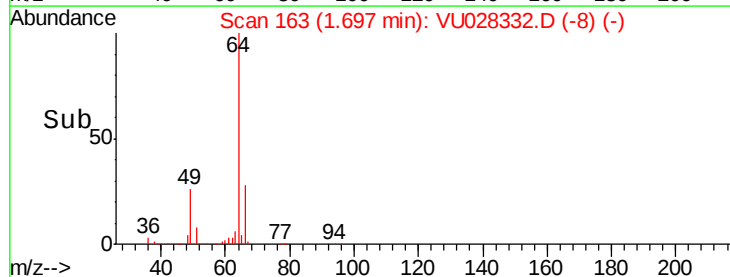
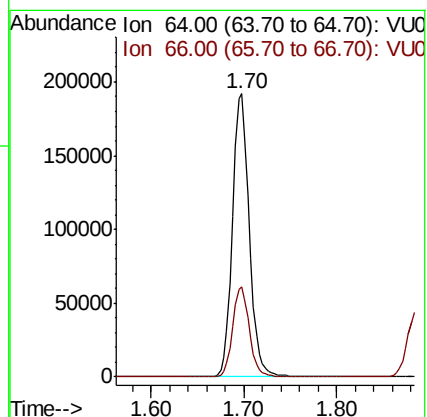
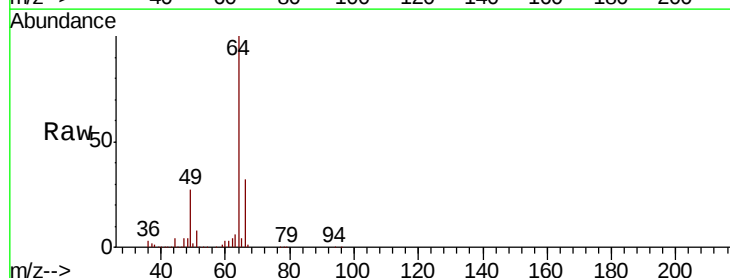
Acq: 26 Nov 2018 11:49

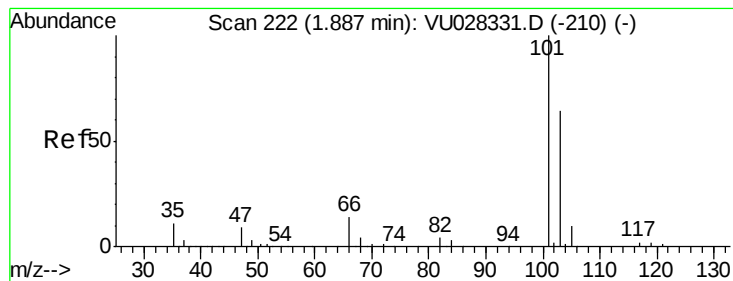
Tgt Ion: 64 Resp: 242413

Ion Ratio Lower Upper

64 100

66 31.9 25.1 37.7





#7

Trichlorofluoromethane

Concen: 19.952 ug/l

RT: 1.89 min Scan# 222

Delta R.T. -0.00 min

Lab File: VU028332.D

Acq: 26 Nov 2018 11:49

Instrument :

MSVOA_U

ClientSampleId :

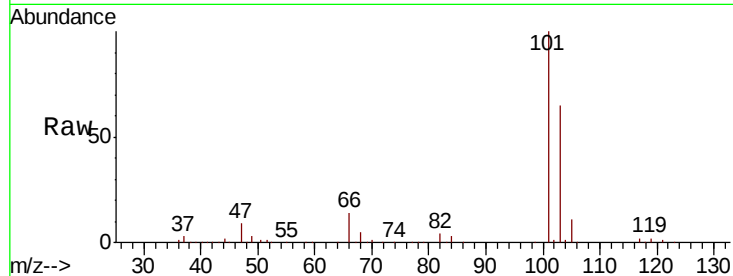
VSTDIC020

Tgt Ion:101 Resp: 458432

Ion Ratio Lower Upper

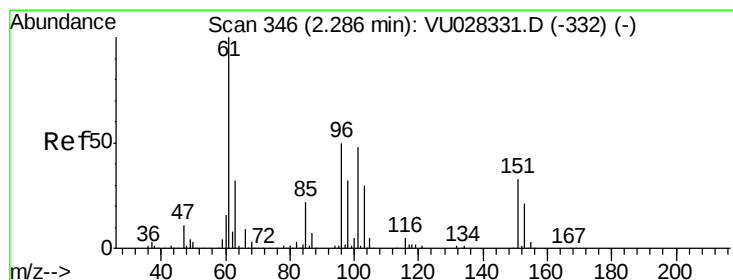
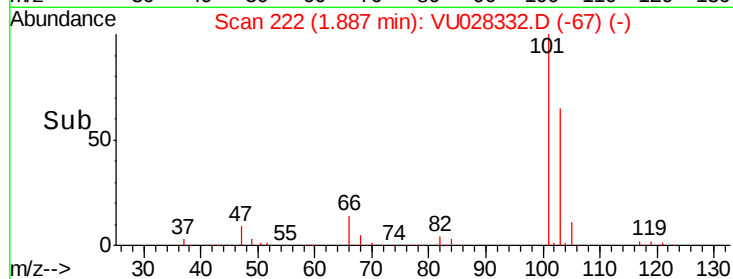
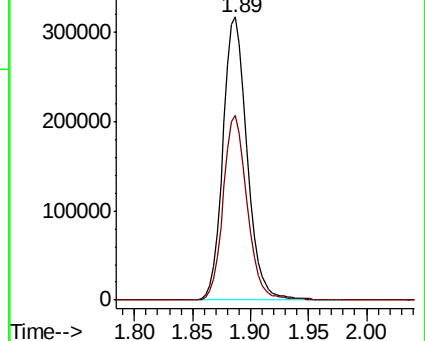
101 100

103 65.1 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: 19.831 ug/l

RT: 2.29 min Scan# 346

Delta R.T. -0.00 min

Lab File: VU028332.D

Acq: 26 Nov 2018 11:49

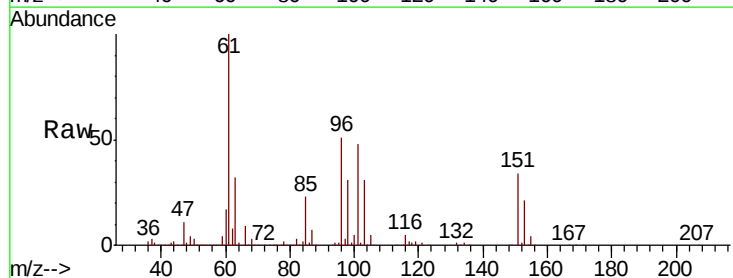
Tgt Ion:101 Resp: 262073

Ion Ratio Lower Upper

101 100

85 47.0 36.7 55.1

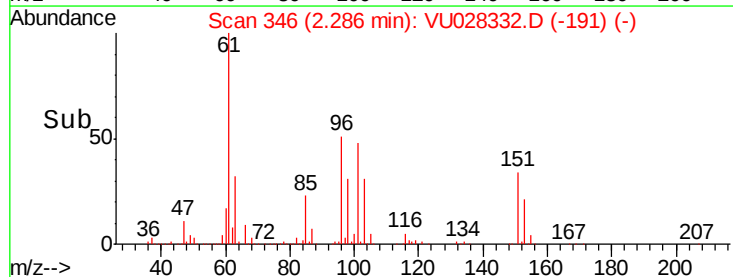
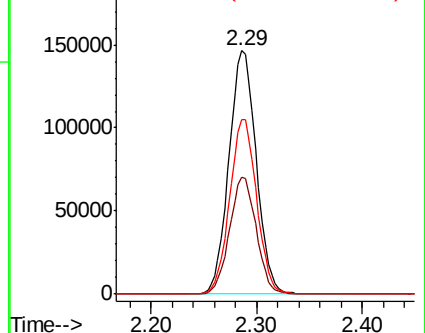
151 70.8 55.8 83.6

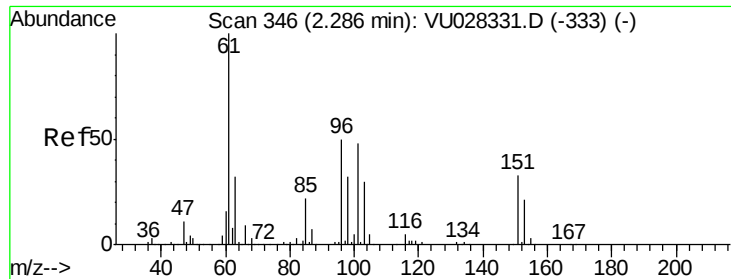


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V





#9

1,1-Dichloroethene

Concen: 19.416 ug/l

RT: 2.29 min Scan# 346

Delta R.T. -0.00 min

Lab File: VU028332.D

Acq: 26 Nov 2018 11:49

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC020

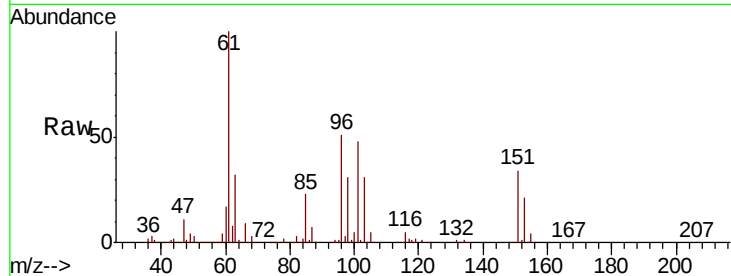
Tgt Ion: 96 Resp: 237334

Ion Ratio Lower Upper

96 100

61 195.3 0.0 597.6

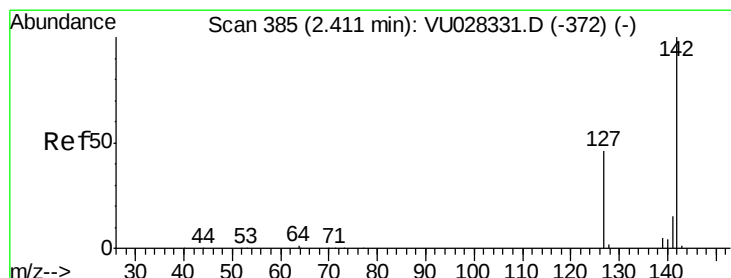
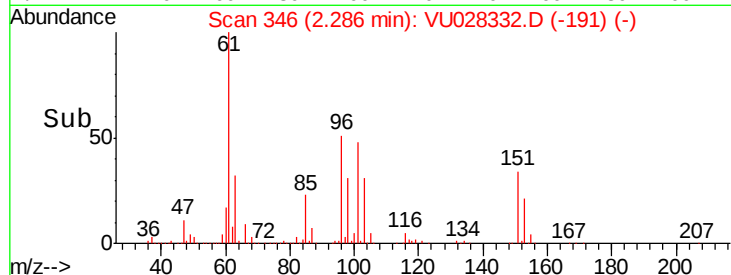
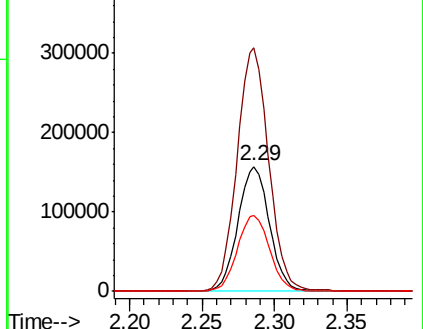
98 61.0 0.0 127.6



Abundance Ion 96.00 (95.70 to 96.70): VU028332.D (-191) (-)

Ion 61.00 (60.70 to 61.70): VU028332.D (-191) (-)

Ion 98.00 (97.70 to 98.70): VU028332.D (-191) (-)



#10

Iodomethane

Concen: 24.141 ug/l

RT: 2.41 min Scan# 385

Delta R.T. -0.00 min

Lab File: VU028332.D

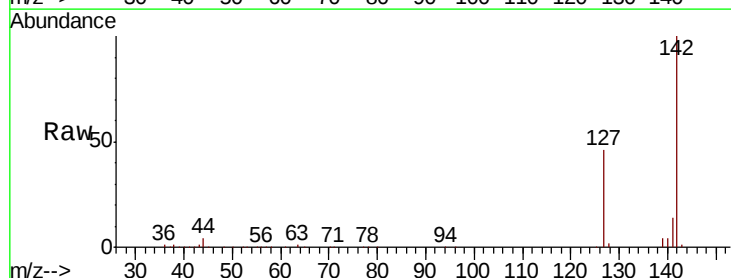
Acq: 26 Nov 2018 11:49

Tgt Ion: 142 Resp: 199575

Ion Ratio Lower Upper

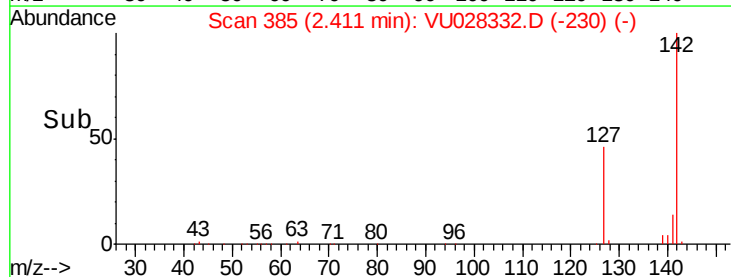
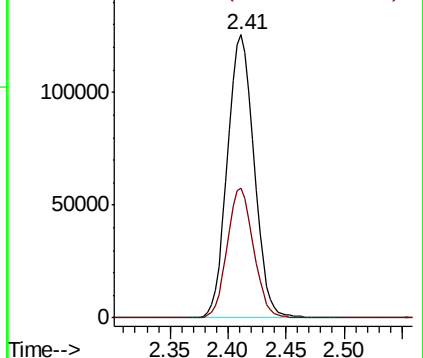
142 100

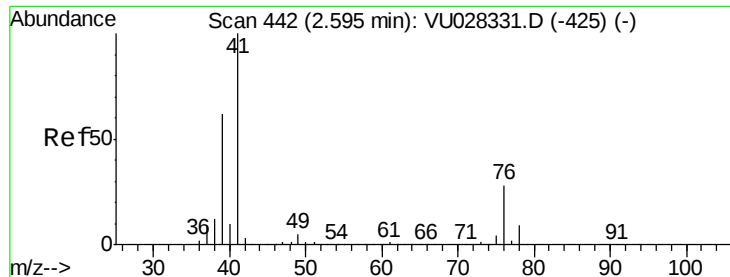
127 44.8 36.4 54.6



Abundance Ion 142.00 (141.70 to 142.70): VU028332.D (-230) (-)

Ion 127.00 (126.70 to 127.70): VU028332.D (-230) (-)

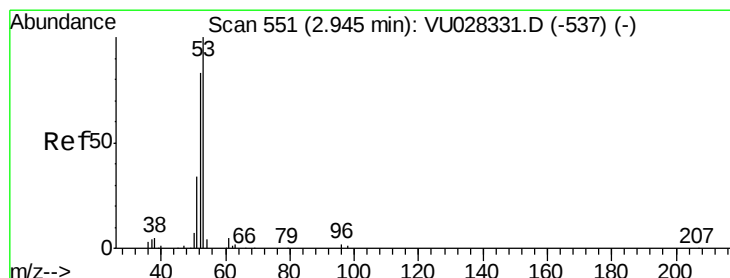
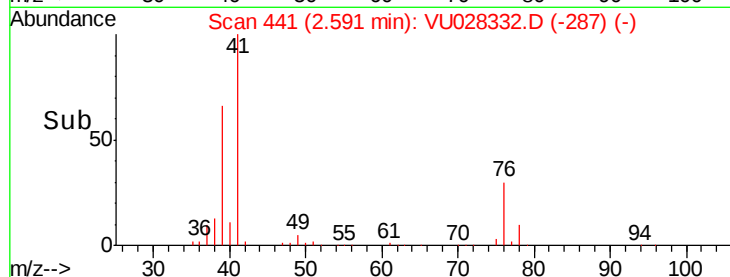
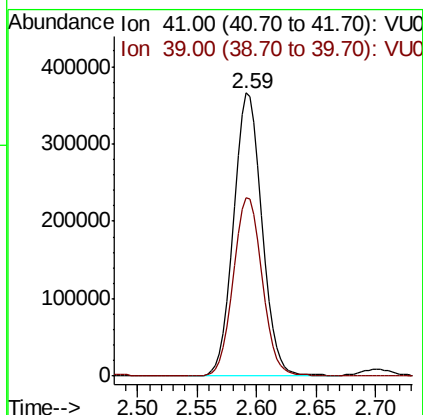
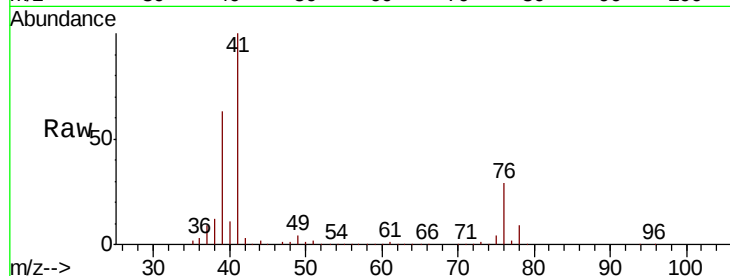




#11
 Allyl Chloride
 Concen: 19.626 ug/l
 RT: 2.59 min Scan# 441
 Delta R.T. -0.00 min
 Lab File: VU028332.D
 Acq: 26 Nov 2018 11:49

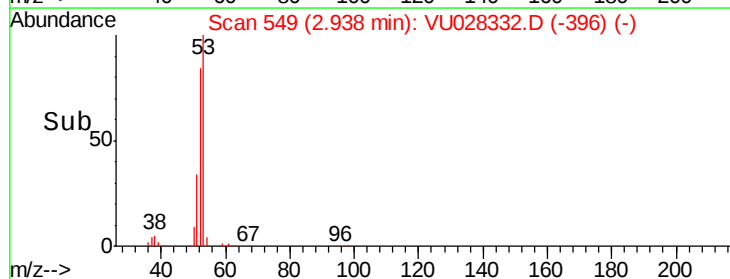
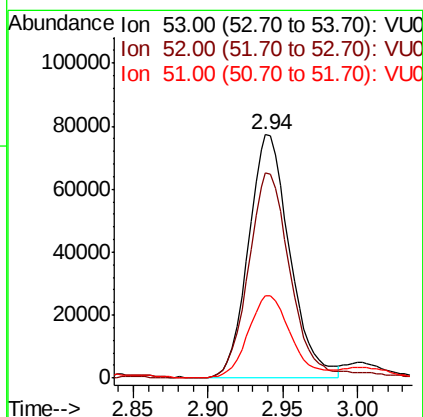
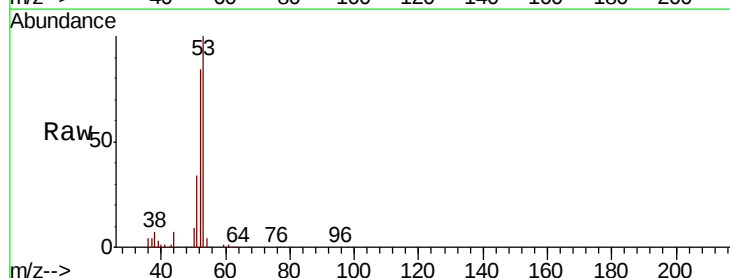
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

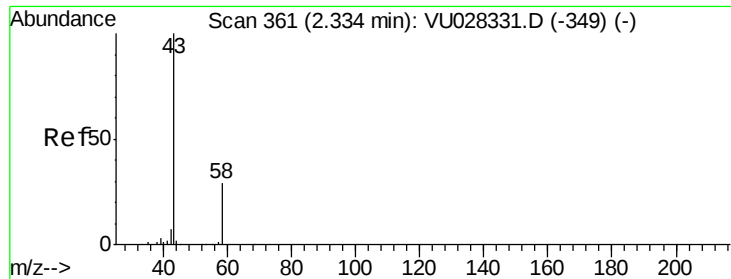
Tgt Ion: 41 Resp: 605628
 Ion Ratio Lower Upper
 41 100
 39 64.2 50.8 76.2



#12
 Acrylonitrile
 Concen: 37.939 ug/l
 RT: 2.94 min Scan# 549
 Delta R.T. -0.01 min
 Lab File: VU028332.D
 Acq: 26 Nov 2018 11:49

Tgt Ion: 53 Resp: 147721
 Ion Ratio Lower Upper
 53 100
 52 85.1 69.3 103.9
 51 34.6 27.8 41.8





#13

Acetone

Concen: 91.143 ug/l

RT: 2.33 min Scan# 359

Delta R.T. -0.01 min

Lab File: VU028332.D

Acq: 26 Nov 2018 11:49

Instrument :

MSVOA_U

ClientSampleId :

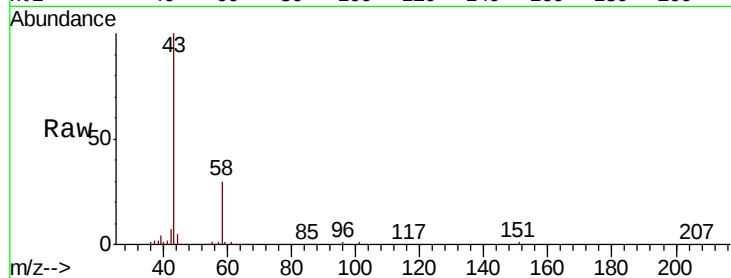
VSTDIC020

Tgt Ion: 43 Resp: 328864

Ion Ratio Lower Upper

43 100

58 29.8 23.1 34.7



Abundance Ion 43.00 (42.70 to 43.70): VU028331.D (-349) (-)

Ion 58.00 (57.70 to 58.70): VU028331.D (-349) (-)

2.33

200000

150000

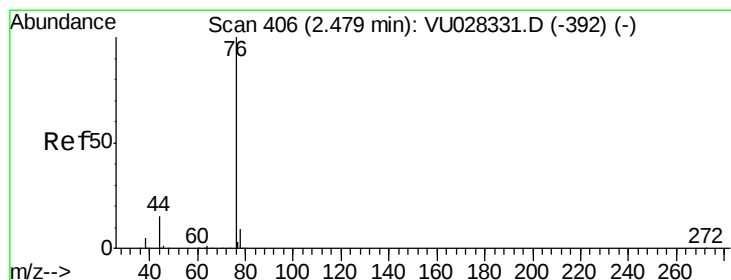
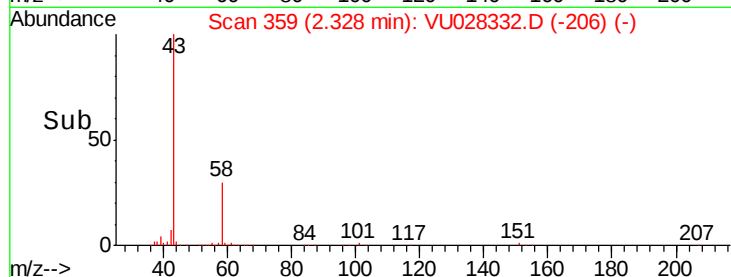
100000

50000

0

2.20 2.30 2.40

Time-->



#14

Carbon Disulfide

Concen: 19.765 ug/l

RT: 2.48 min Scan# 405

Delta R.T. -0.00 min

Lab File: VU028332.D

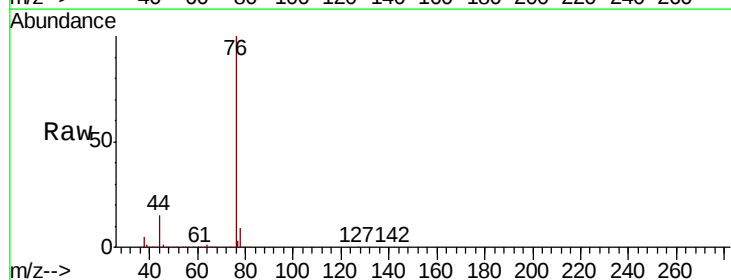
Acq: 26 Nov 2018 11:49

Tgt Ion: 76 Resp: 917712

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.2



Abundance Ion 76.00 (75.70 to 76.70): VU028331.D (-392) (-)

Ion 78.00 (77.70 to 78.70): VU028331.D (-392) (-)

2.48

600000

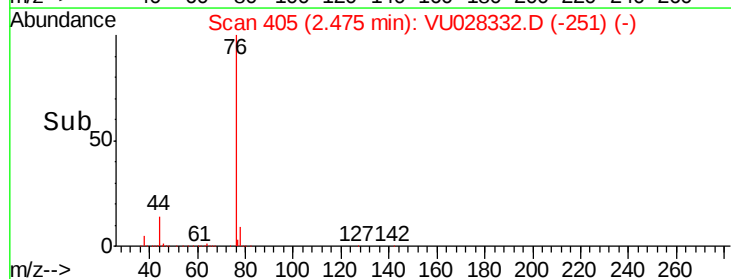
400000

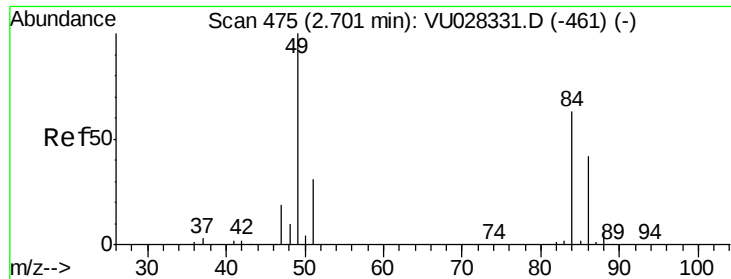
200000

0

2.40 2.45 2.50 2.55 2.60

Time-->

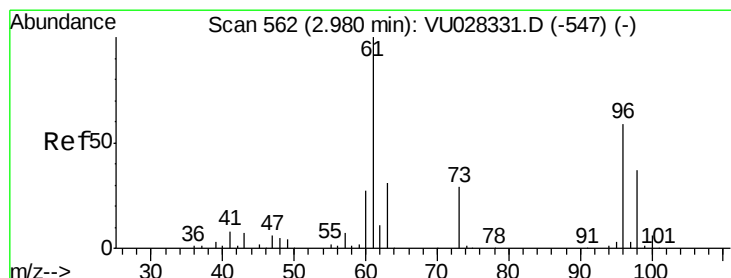
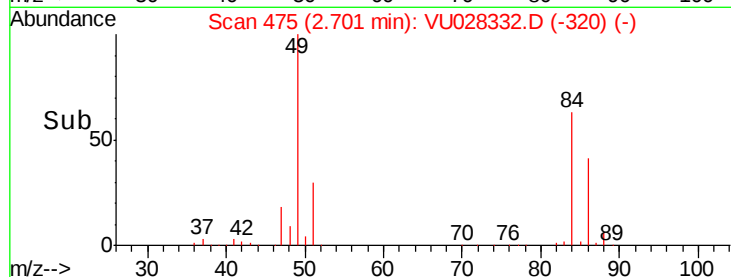
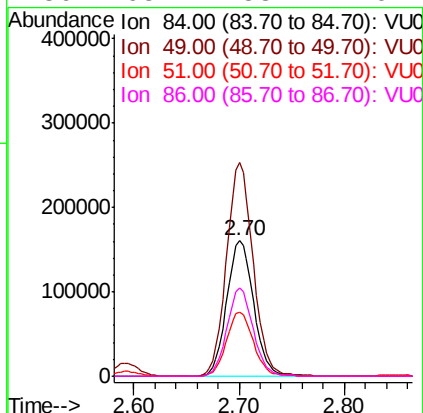
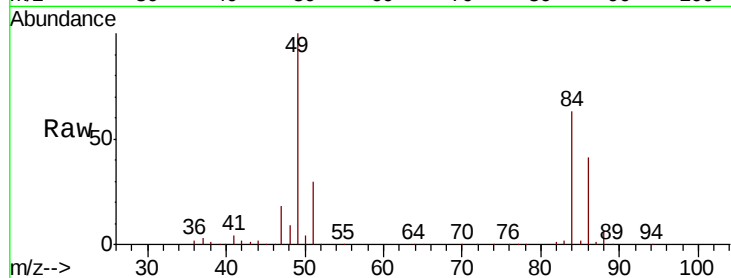




#15
Methylene Chloride
Concen: 18.990 ug/l
RT: 2.70 min Scan# 475
Delta R.T. -0.00 min
Lab File: VU028332.D
Acq: 26 Nov 2018 11:49

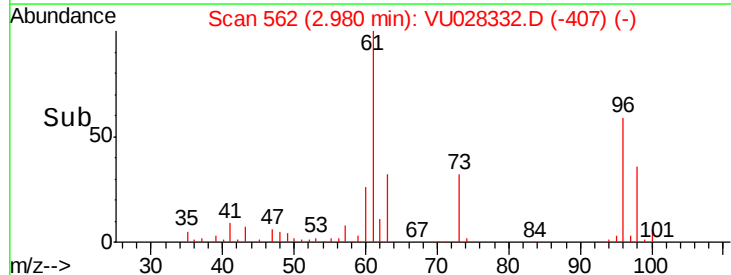
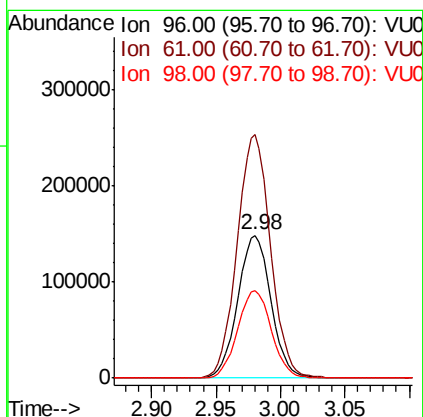
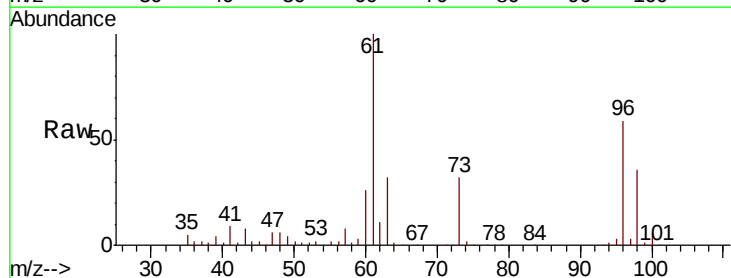
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

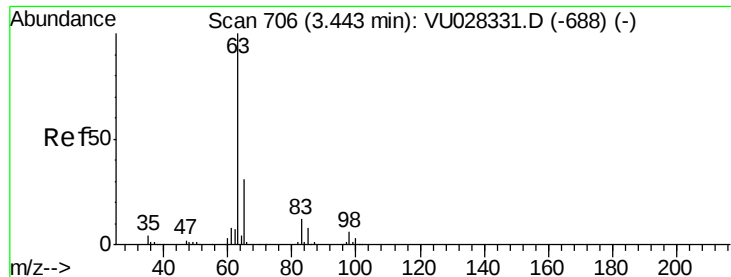
Tgt Ion:	84	Resp:	283055
Ion	Ratio	Lower	Upper
84	100		
49	157.5	127.7	191.5
51	47.7	0.0	98.2
86	65.2	53.1	79.7



#16
trans-1,2-Dichloroethene
Concen: 19.425 ug/l
RT: 2.98 min Scan# 562
Delta R.T. -0.00 min
Lab File: VU028332.D
Acq: 26 Nov 2018 11:49

Tgt Ion:	96	Resp:	265742
Ion	Ratio	Lower	Upper
96	100		
61	170.8	136.4	204.6
98	61.1	49.8	74.8

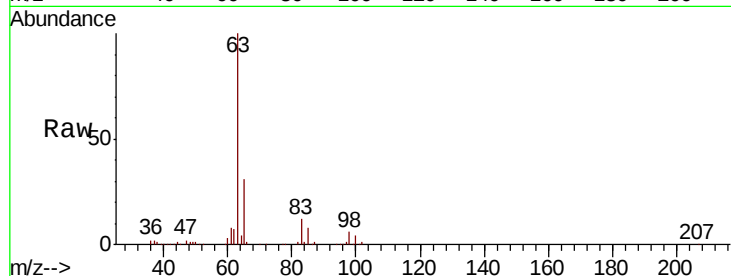




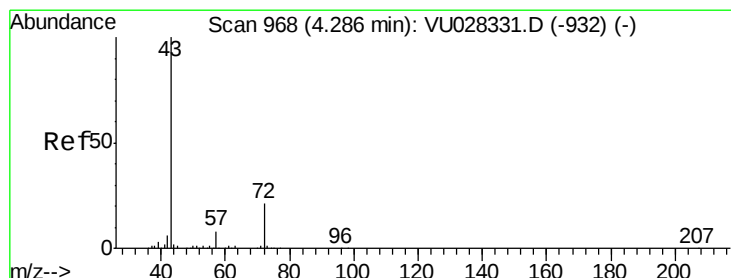
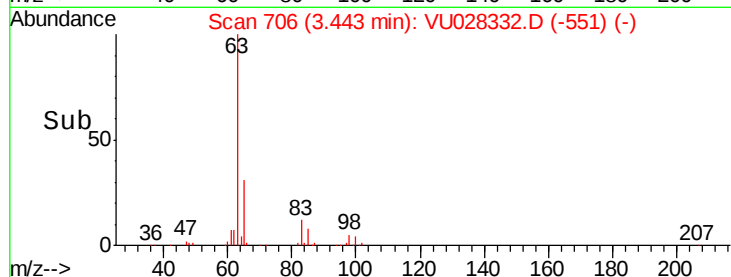
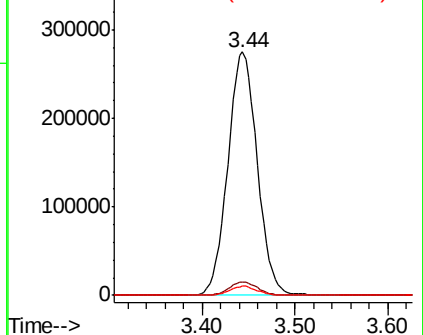
#17
 1,1-Dichloroethane
 Concen: 19.801 ug/l
 RT: 3.44 min Scan# 706
 Delta R.T. -0.00 min
 Lab File: VU028332.D
 Acq: 26 Nov 2018 11:49

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

Tgt Ion:	63	Resp:	603867
Ion	Ratio	Lower	Upper
63	100		
98	5.6	3.0	9.0
100	3.9	1.8	5.3

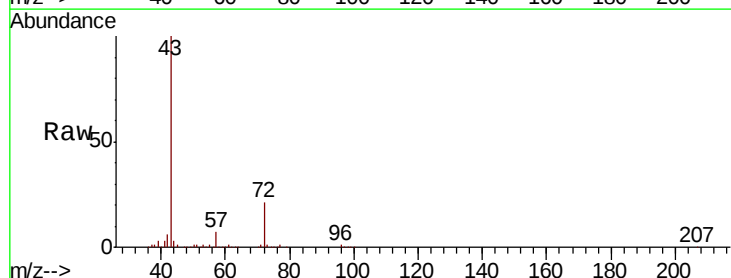


Abundance Ion 63.00 (62.70 to 63.70): VU0
 Ion 98.00 (97.70 to 98.70): VU0
 Ion 100.00 (99.70 to 100.70): VU0

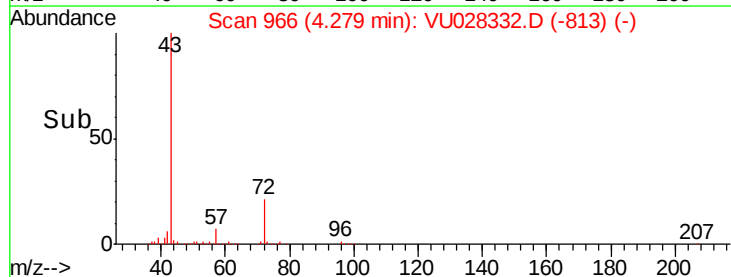
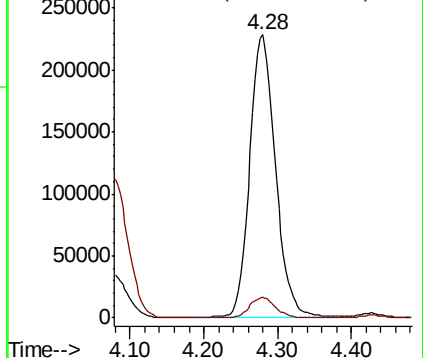


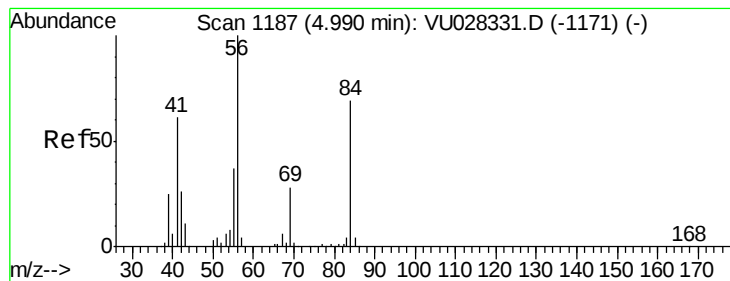
#18
 2-Butanone
 Concen: 103.494 ug/l
 RT: 4.28 min Scan# 966
 Delta R.T. -0.01 min
 Lab File: VU028332.D
 Acq: 26 Nov 2018 11:49

Tgt Ion:	43	Resp:	558006
Ion	Ratio	Lower	Upper
43	100		
57	7.2	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: 20.509 ug/l

RT: 4.99 min Scan# 1187

Delta R.T. -0.00 min

Lab File: VU028332.D

Acq: 26 Nov 2018 11:49

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC020

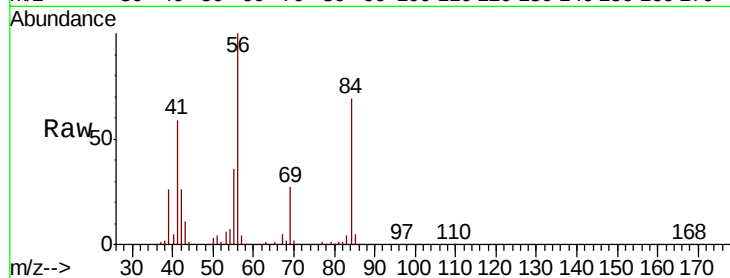
Tgt Ion: 56 Resp: 542976

Ion Ratio Lower Upper

56 100

69 31.5 25.0 37.6

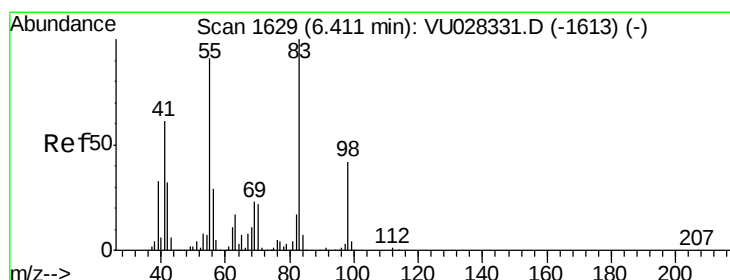
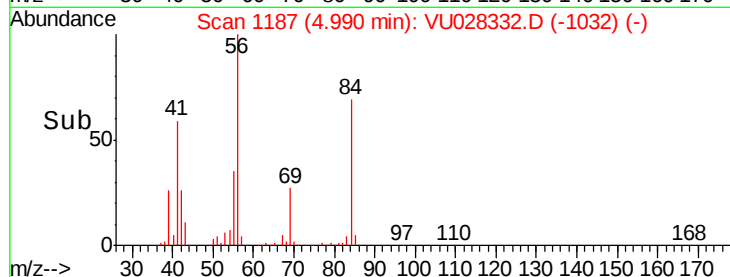
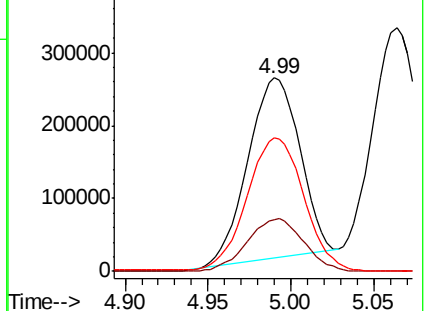
84 79.9 62.6 94.0



Abundance Ion 56.00 (55.70 to 56.70): VU0

Ion 69.00 (68.70 to 69.70): VU0

Ion 84.00 (83.70 to 84.70): VU0



#20

Methylcyclohexane

Concen: 21.036 ug/l

RT: 6.41 min Scan# 1629

Delta R.T. -0.00 min

Lab File: VU028332.D

Acq: 26 Nov 2018 11:49

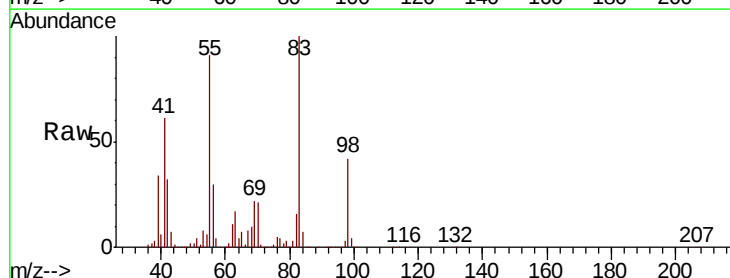
Tgt Ion: 83 Resp: 545161

Ion Ratio Lower Upper

83 100

55 91.1 72.6 108.8

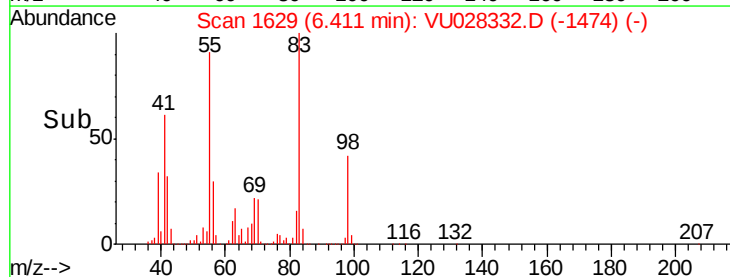
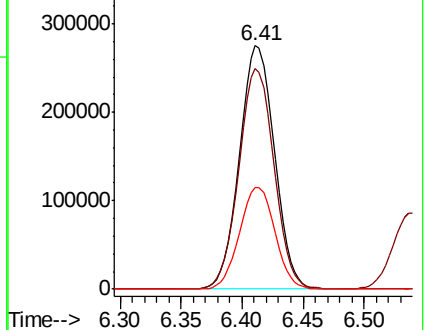
98 42.4 33.8 50.8

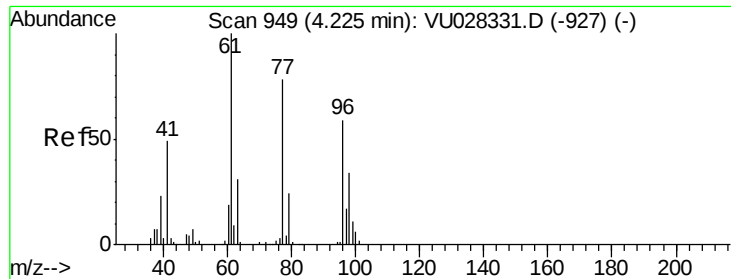


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

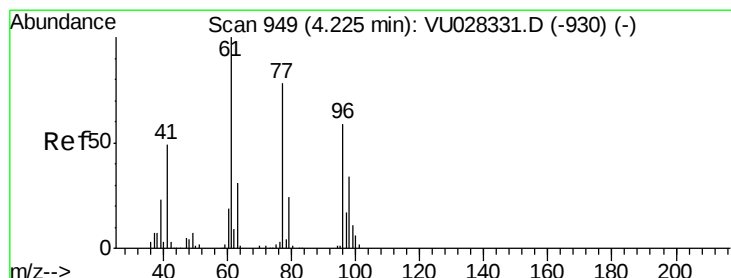
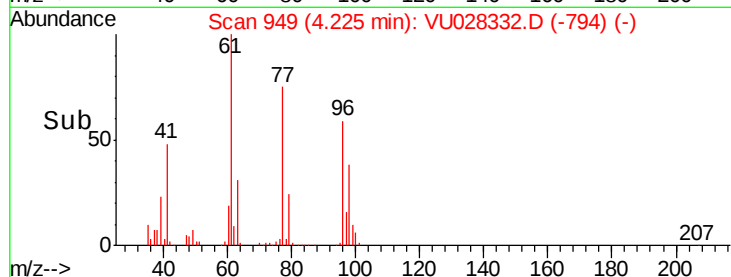
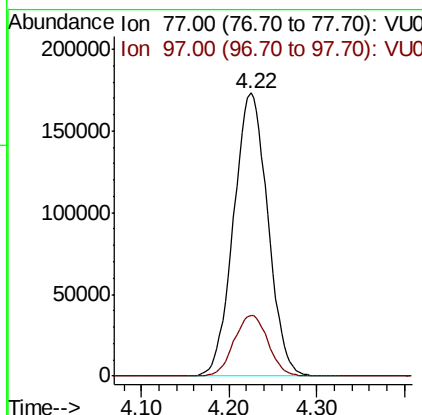
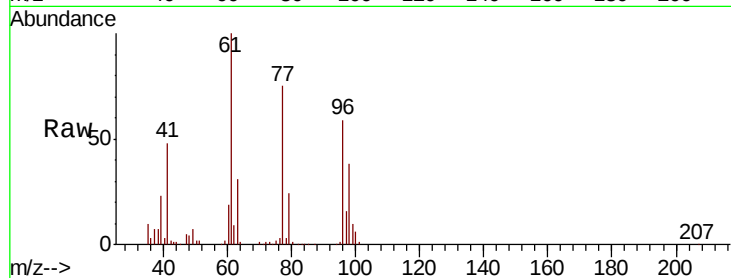




#21
 2,2-Dichloropropane
 Concen: 19.193 ug/l
 RT: 4.22 min Scan# 949
 Delta R.T. -0.00 min
 Lab File: VU028332.D
 Acq: 26 Nov 2018 11:49

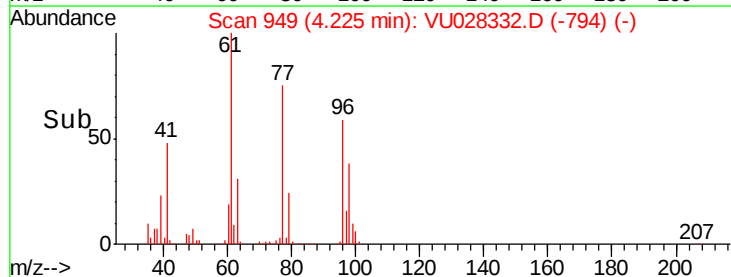
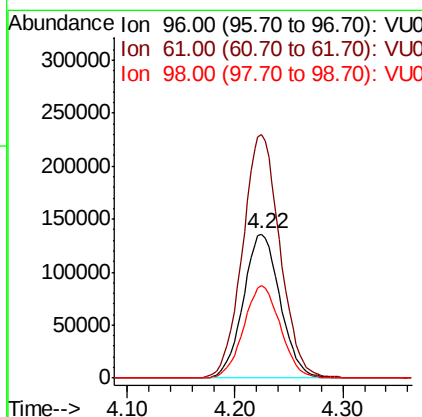
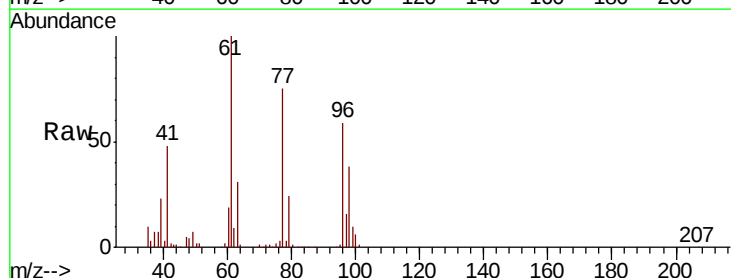
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

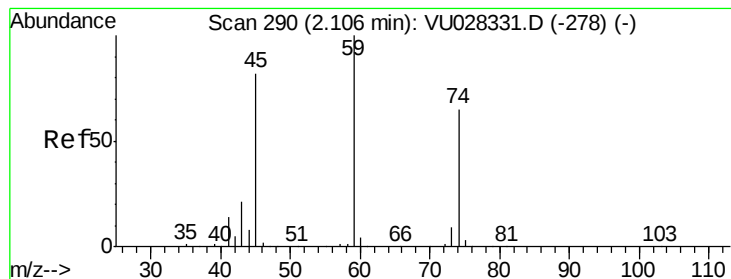
Tgt Ion: 77 Resp: 469762
 Ion Ratio Lower Upper
 77 100
 97 21.5 17.4 26.2



#22
 cis-1,2-Dichloroethene
 Concen: 20.167 ug/l
 RT: 4.22 min Scan# 949
 Delta R.T. -0.00 min
 Lab File: VU028332.D
 Acq: 26 Nov 2018 11:49

Tgt Ion: 96 Resp: 322853
 Ion Ratio Lower Upper
 96 100
 61 171.6 0.0 423.0
 98 64.2 30.3 91.0





#23

Diethyl Ether

Concen: 19.852 ug/l

RT: 2.11 min Scan# 290

Delta R.T. -0.00 min

Lab File: VU028332.D

Acq: 26 Nov 2018 11:49

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC020

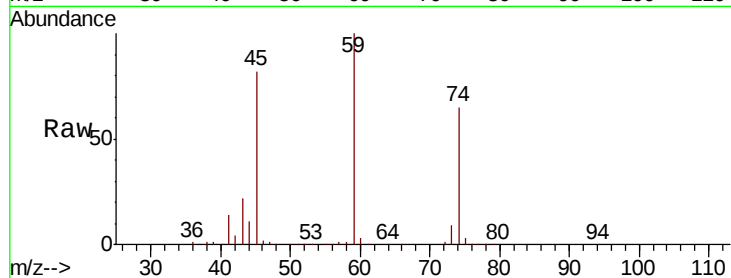
Tgt Ion: 59 Resp: 243261

Ion Ratio Lower Upper

59 100

45 81.8 66.4 99.6

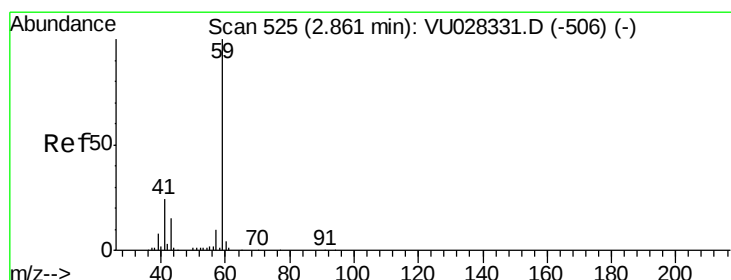
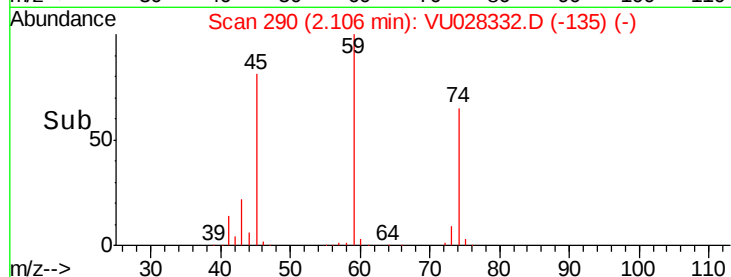
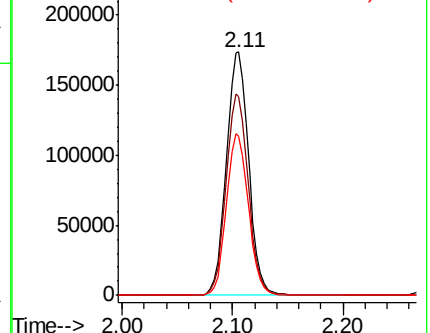
74 65.9 52.2 78.4



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: 209.404 ug/l

RT: 2.85 min Scan# 520

Delta R.T. -0.02 min

Lab File: VU028332.D

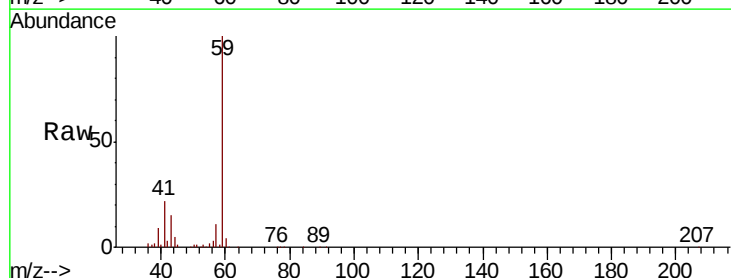
Acq: 26 Nov 2018 11:49

Tgt Ion: 59 Resp: 248198

Ion Ratio Lower Upper

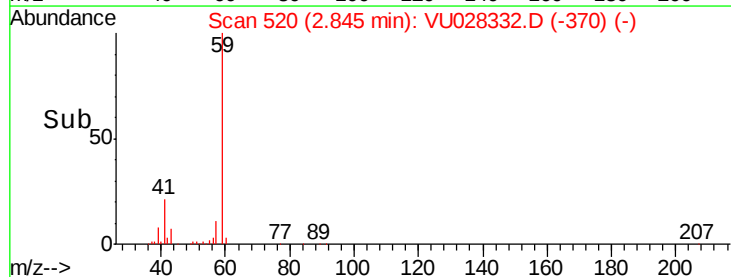
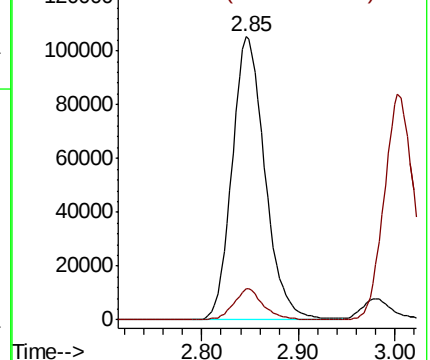
59 100

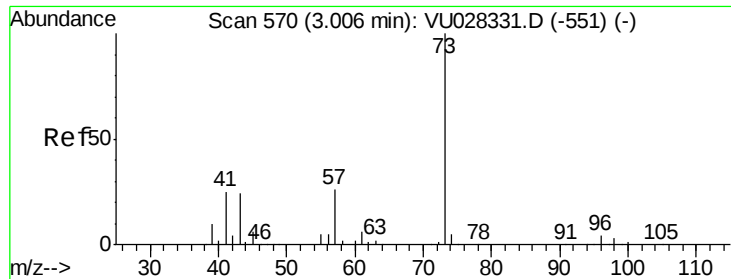
57 10.1 8.2 12.4



Abundance Ion 59.00 (58.70 to 59.70): VU0

Ion 57.00 (56.70 to 57.70): VU0



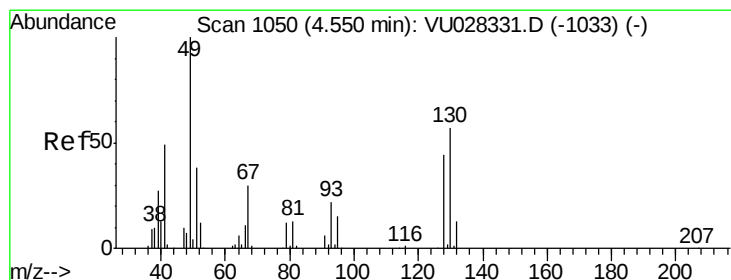
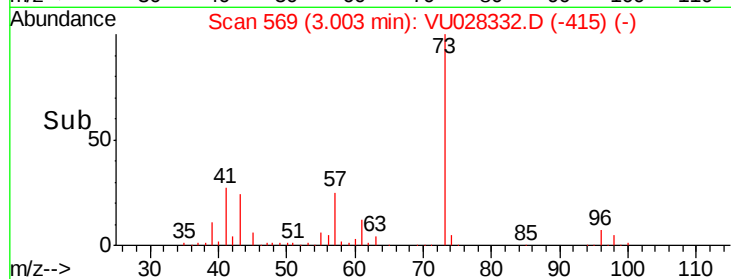
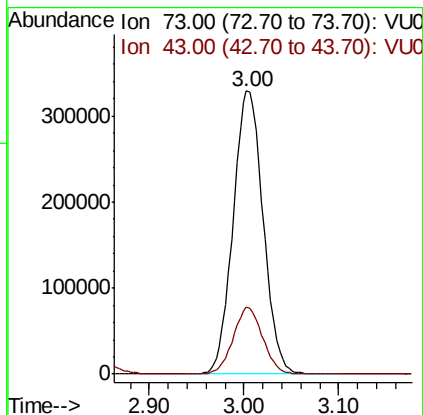
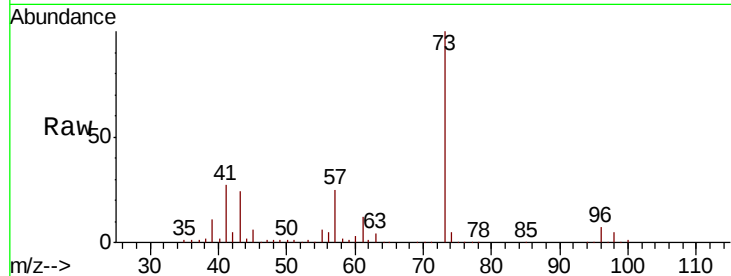


#25

Methyl tert-Butyl Ether
Concen: 19.985 ug/l
RT: 3.00 min Scan# 569
Delta R.T. -0.00 min
Lab File: VU028332.D
Acq: 26 Nov 2018 11:49

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

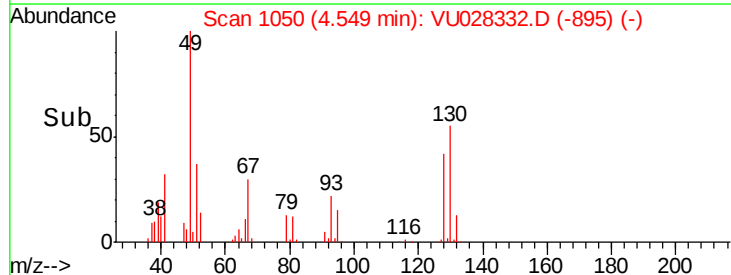
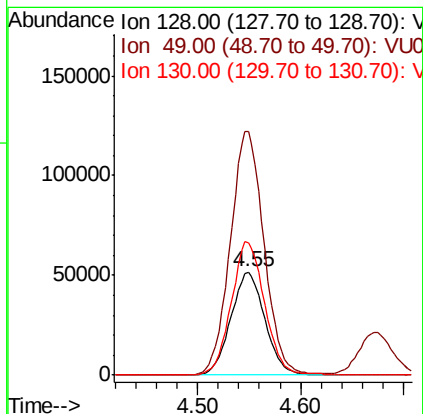
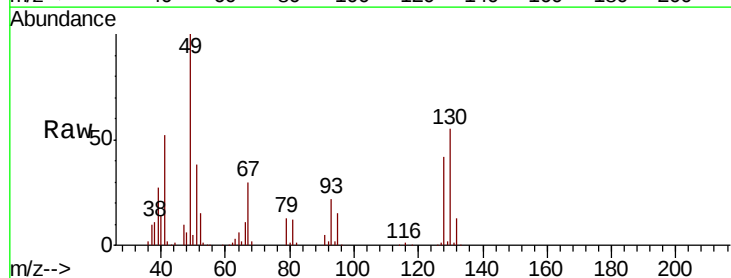
Tgt Ion: 73 Resp: 725646
Ion Ratio Lower Upper
73 100
43 23.1 18.5 27.7

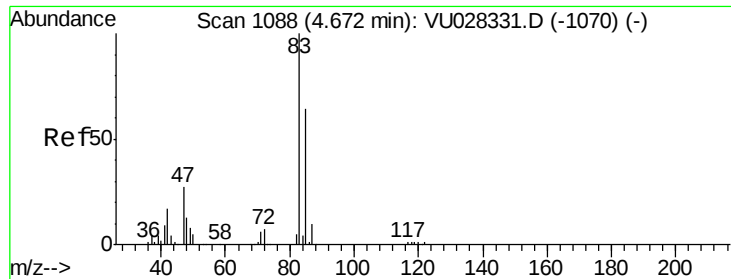


#26

Bromochloromethane
Concen: 19.459 ug/l
RT: 4.55 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VU028332.D
Acq: 26 Nov 2018 11:49

Tgt Ion: 128 Resp: 118745
Ion Ratio Lower Upper
128 100
49 233.8 0.0 457.6
130 126.5 101.4 152.2

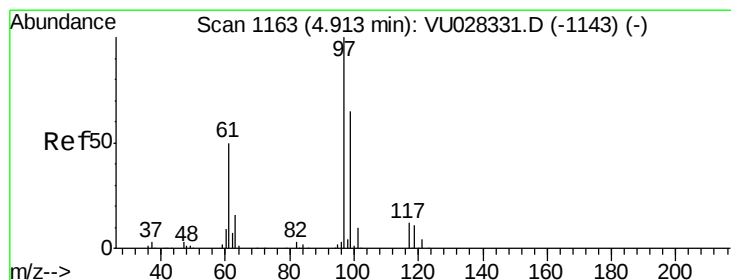
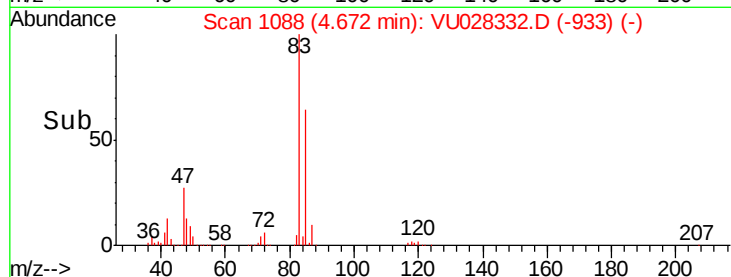
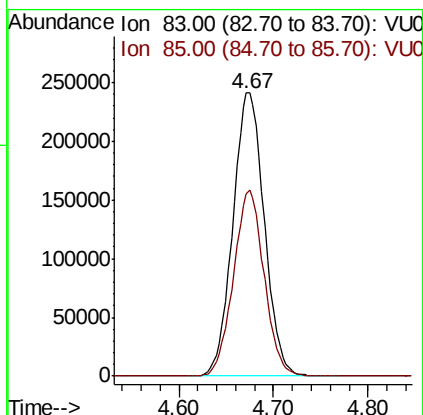
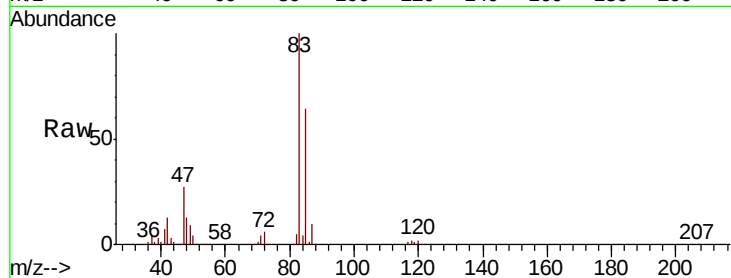




#27
Chloroform
Concen: 18.943 ug/l
RT: 4.67 min Scan# 1088
Delta R.T. -0.00 min
Lab File: VU028332.D
Acq: 26 Nov 2018 11:49

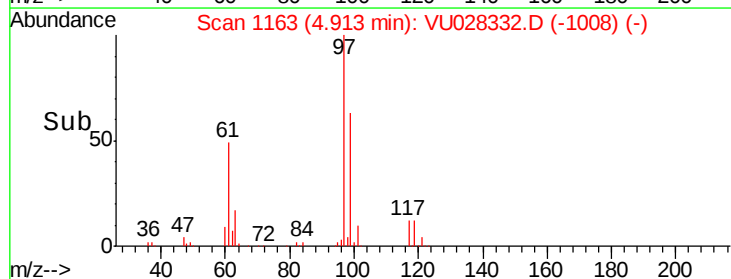
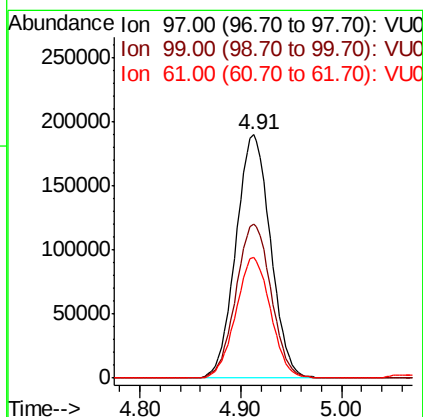
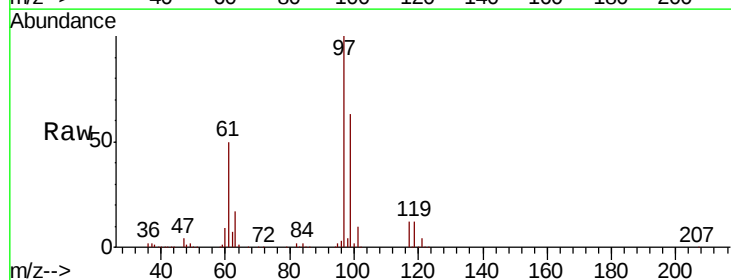
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

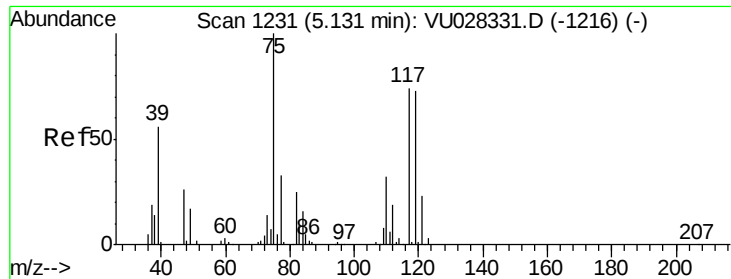
Tgt Ion: 83 Resp: 557122
Ion Ratio Lower Upper
83 100
85 64.4 0.0 128.0



#28
1,1,1-Trichloroethane
Concen: 19.733 ug/l
RT: 4.91 min Scan# 1163
Delta R.T. -0.00 min
Lab File: VU028332.D
Acq: 26 Nov 2018 11:49

Tgt Ion: 97 Resp: 453207
Ion Ratio Lower Upper
97 100
99 64.5 32.2 96.6
61 49.6 24.9 74.7

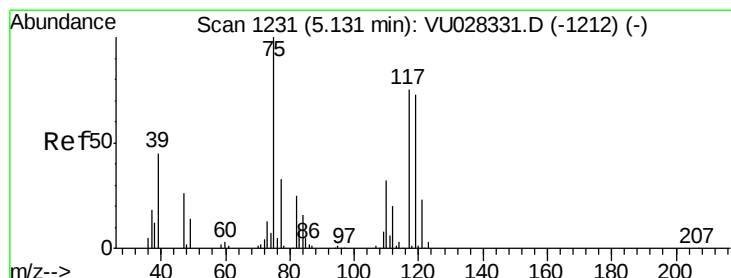
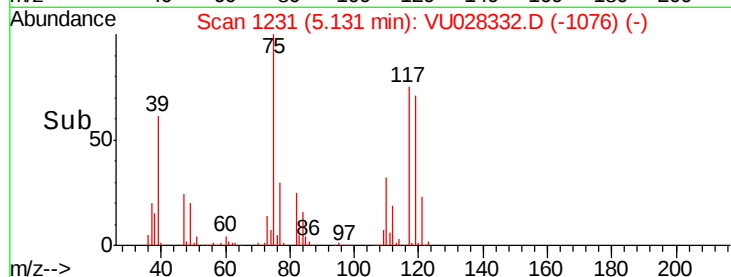
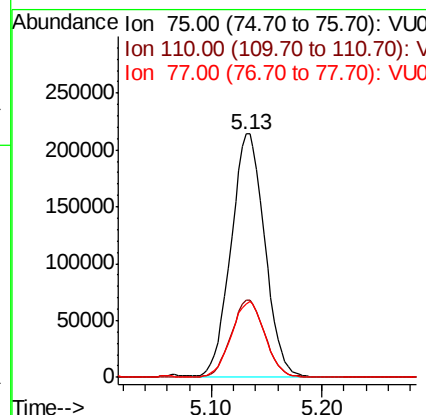
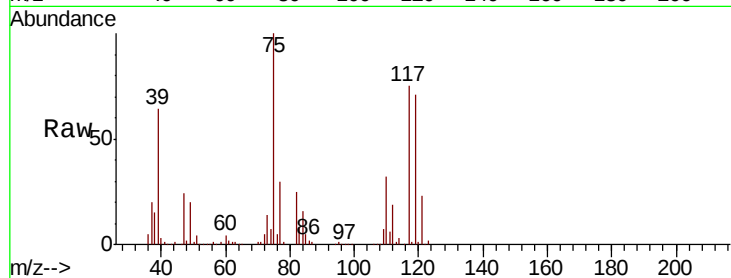




#29
 1,1-Dichloropropene
 Concen: 20.541 ug/l
 RT: 5.13 min Scan# 1231
 Delta R.T. -0.00 min
 Lab File: VU028332.D
 Acq: 26 Nov 2018 11:49

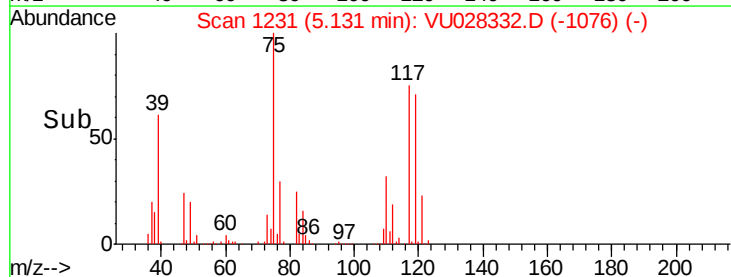
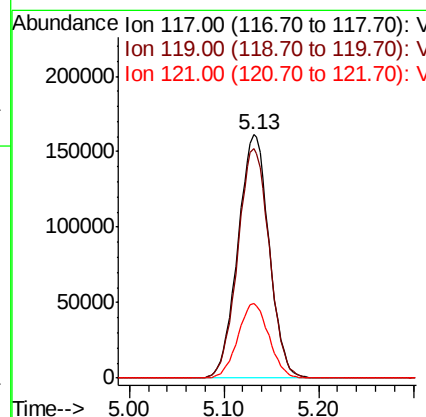
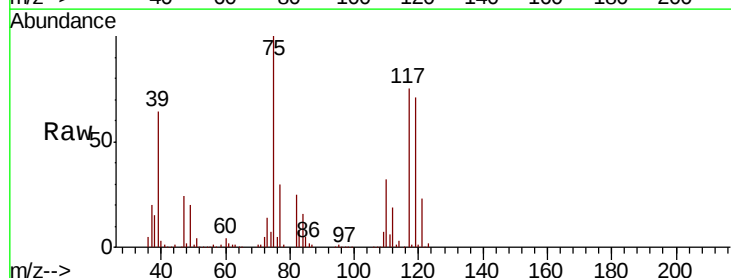
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

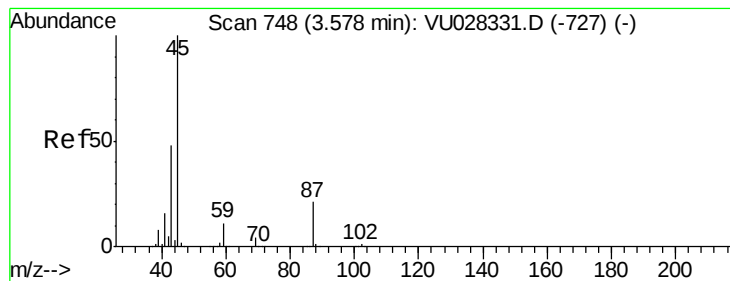
Tgt Ion	Ratio	Lower	Upper
75	100		
110	31.9	15.8	47.3
77	30.7	25.4	38.0



#30
 Carbon Tetrachloride
 Concen: 19.853 ug/l
 RT: 5.13 min Scan# 1231
 Delta R.T. -0.00 min
 Lab File: VU028332.D
 Acq: 26 Nov 2018 11:49

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.5	78.2	117.4
121	30.6	24.7	37.1





#31

Isopropyl Ether

Concen: 20.272 ug/l

RT: 3.58 min Scan# 748

Delta R.T. -0.00 min

Lab File: VU028332.D

Acq: 26 Nov 2018 11:49

Instrument :

MSVOA_U

ClientSampleId :

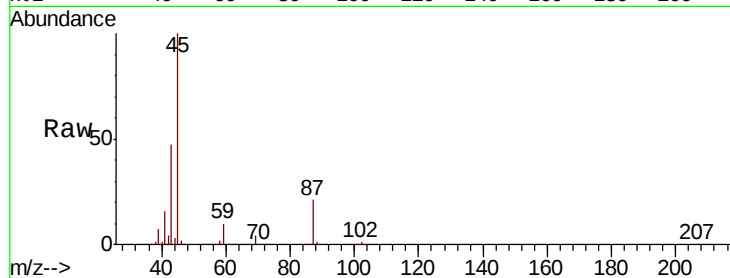
VSTDIC020

Tgt Ion: 45 Resp: 1107138

Ion Ratio Lower Upper

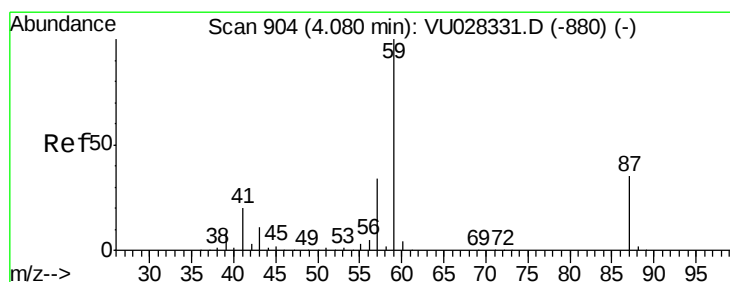
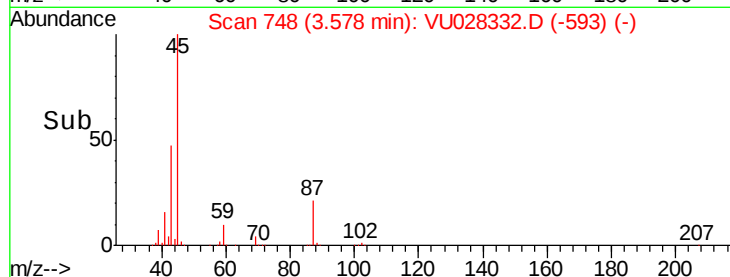
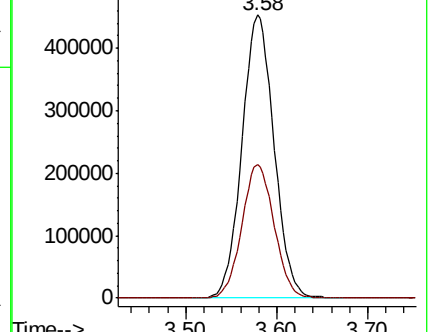
45 100

43 47.8 24.2 72.6



Abundance Ion 45.00 (44.70 to 45.70): VU028332.D (-593) (-)

Ion 43.00 (42.70 to 43.70): VU028332.D (-593) (-)



#32

Ethyl-t-butyl ether

Concen: 20.417 ug/l

RT: 4.08 min Scan# 903

Delta R.T. -0.00 min

Lab File: VU028332.D

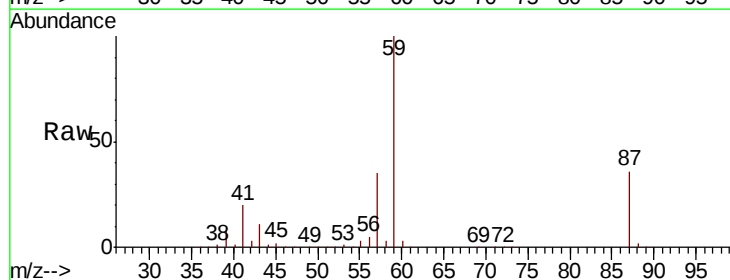
Acq: 26 Nov 2018 11:49

Tgt Ion: 59 Resp: 918374

Ion Ratio Lower Upper

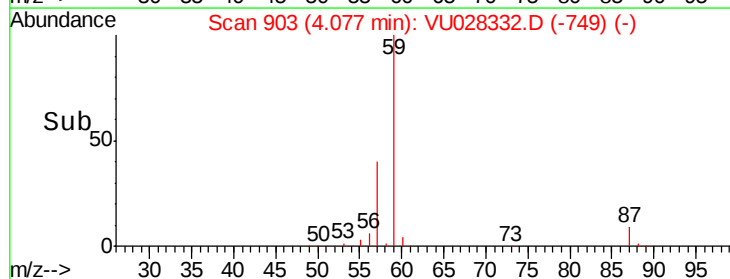
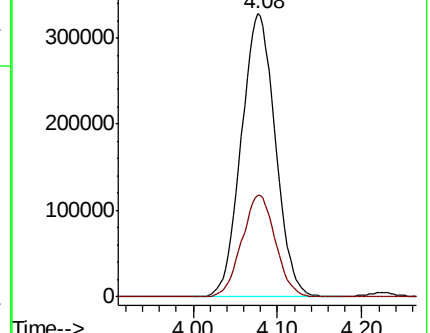
59 100

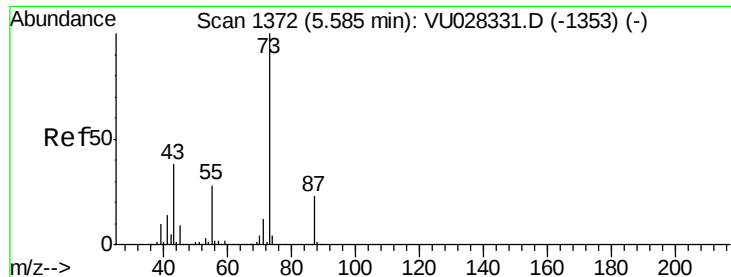
87 35.6 28.2 42.4



Abundance Ion 59.00 (58.70 to 59.70): VU028332.D (-749) (-)

Ion 87.00 (86.70 to 87.70): VU028332.D (-749) (-)

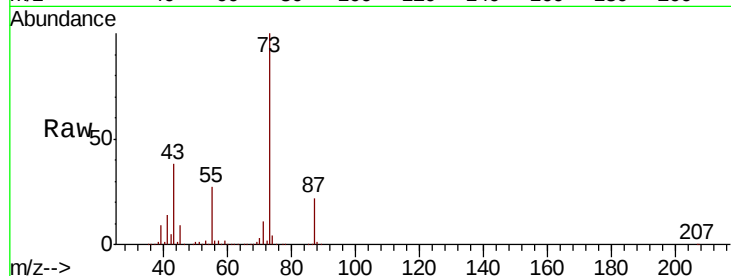




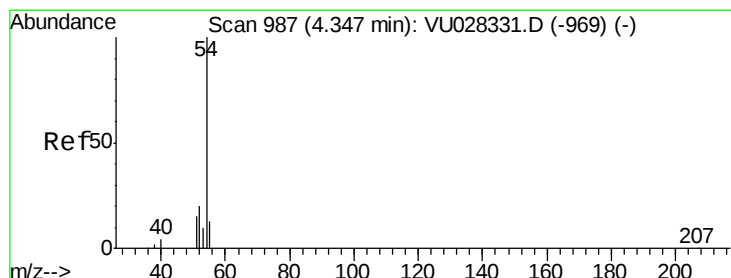
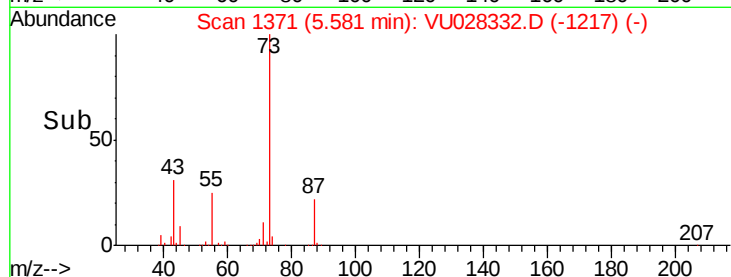
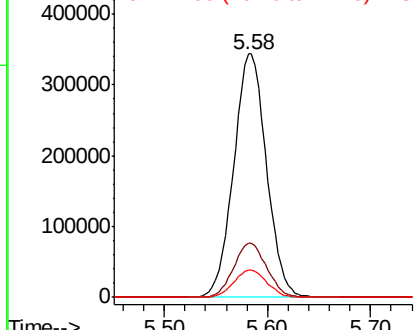
#33
Tert-Amyl methyl ether
Concen: 20.355 ug/l
RT: 5.58 min Scan# 1371
Delta R.T. -0.00 min
Lab File: VU028332.D
Acq: 26 Nov 2018 11:49

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

Tgt Ion: 73 Resp: 759517
Ion Ratio Lower Upper
73 100
87 22.5 17.6 26.4
71 11.2 9.2 13.8

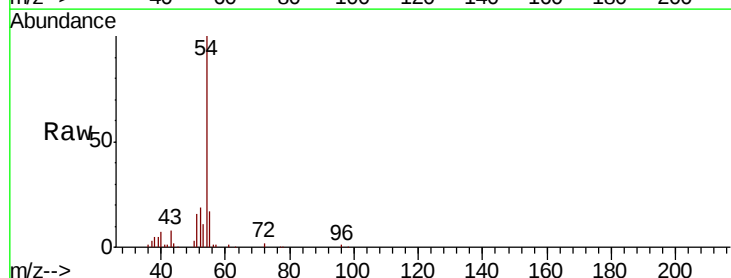


Abundance Ion 73.00 (72.70 to 73.70): VU0
Ion 87.00 (86.70 to 87.70): VU0
Ion 71.00 (70.70 to 71.70): VU0

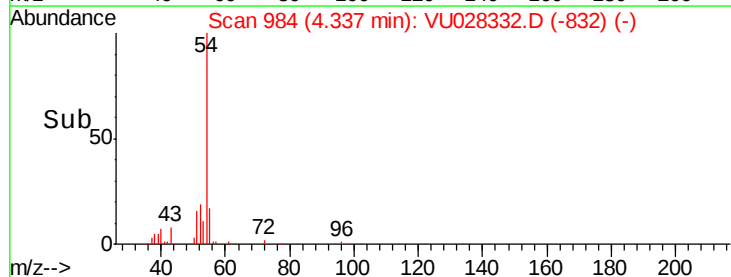
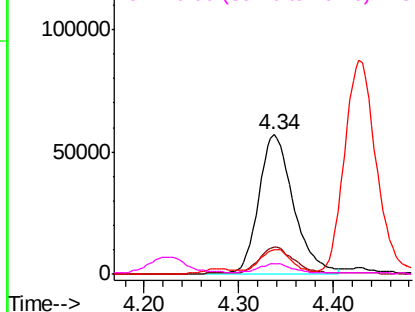


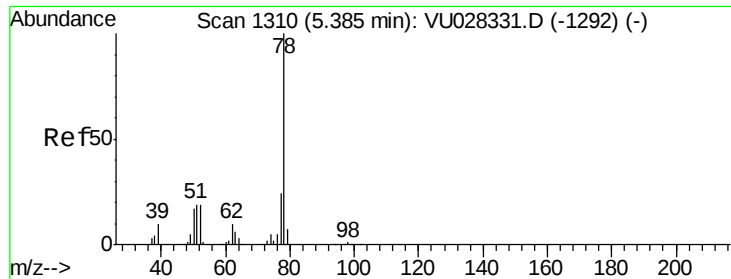
#34
Propionitrile
Concen: 108.243 ug/l
RT: 4.34 min Scan# 984
Delta R.T. -0.01 min
Lab File: VU028332.D
Acq: 26 Nov 2018 11:49

Tgt Ion: 54 Resp: 146610
Ion Ratio Lower Upper
54 100
52 18.5 16.6 25.0
55 15.6 12.9 19.3
40 6.5 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: 20.234 ug/l

RT: 5.39 min Scan# 1311

Delta R.T. 0.00 min

Lab File: VU028332.D

Acq: 26 Nov 2018 11:49

Instrument :

MSVOA_U

ClientSampleId :

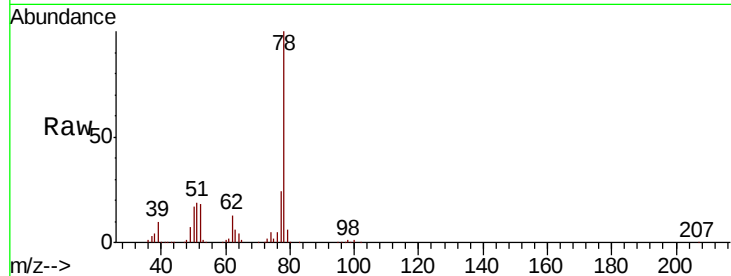
VSTDIC020

Tgt Ion: 78 Resp: 1312400

Ion Ratio Lower Upper

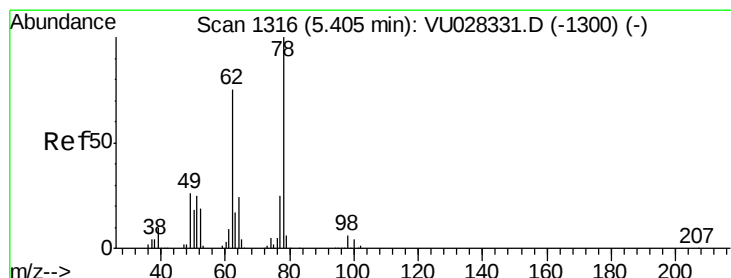
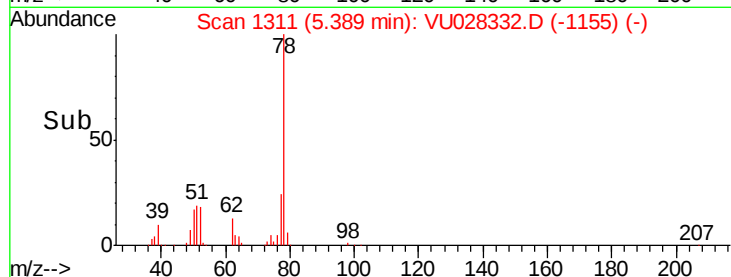
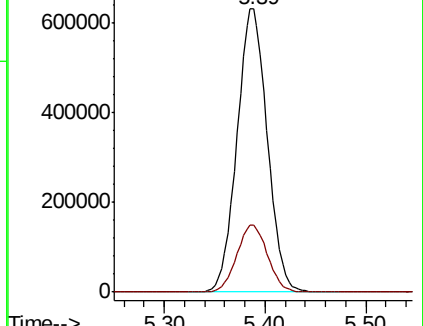
78 100

77 23.6 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: 19.519 ug/l

RT: 5.40 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VU028332.D

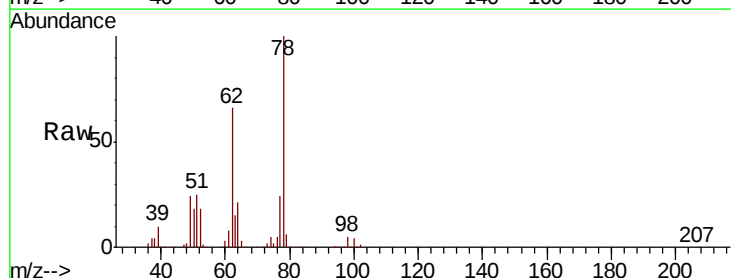
Acq: 26 Nov 2018 11:49

Tgt Ion: 62 Resp: 378667

Ion Ratio Lower Upper

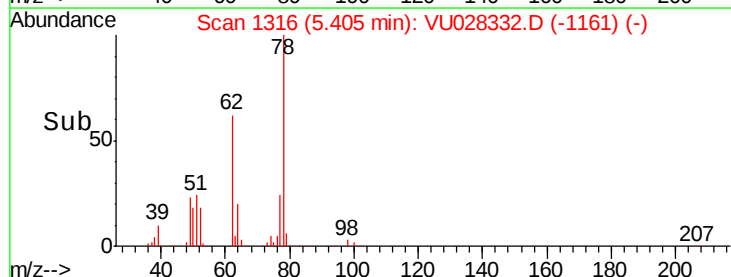
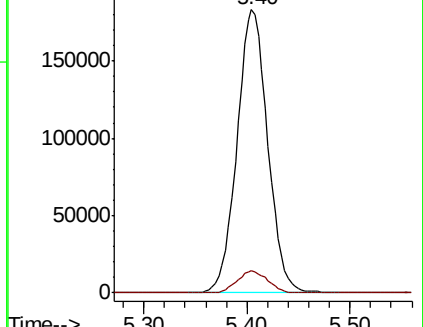
62 100

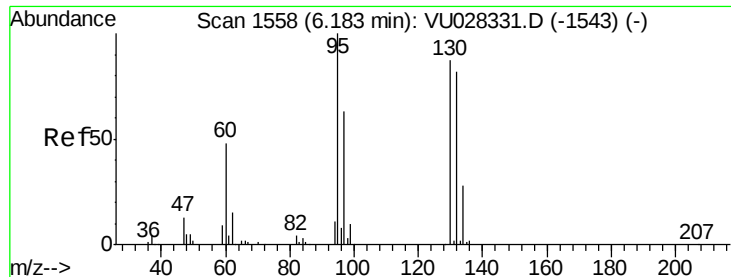
98 7.7 6.0 9.0



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

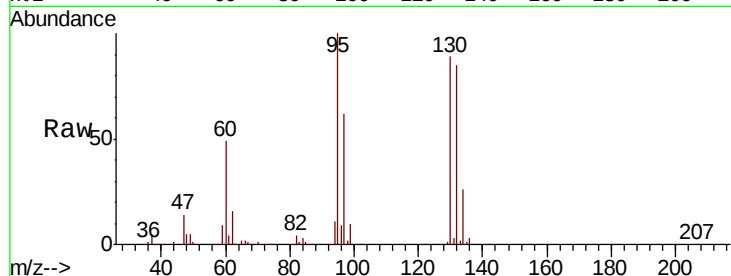




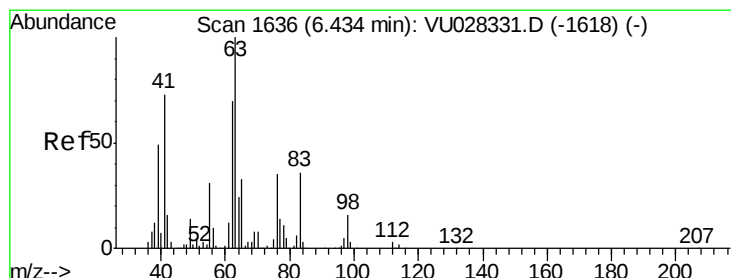
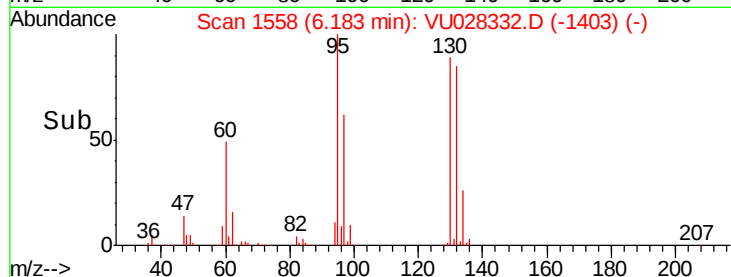
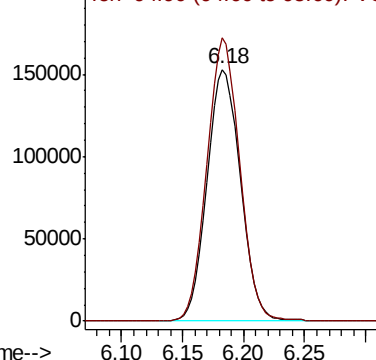
#37
 Trichloroethene
 Concen: 20.592 ug/l
 RT: 6.18 min Scan# 1558
 Delta R.T. -0.00 min
 Lab File: VU028332.D
 Acq: 26 Nov 2018 11:49

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

Tgt Ion: 130 Resp: 290909
 Ion Ratio Lower Upper
 130 100
 95 112.5 91.5 137.3

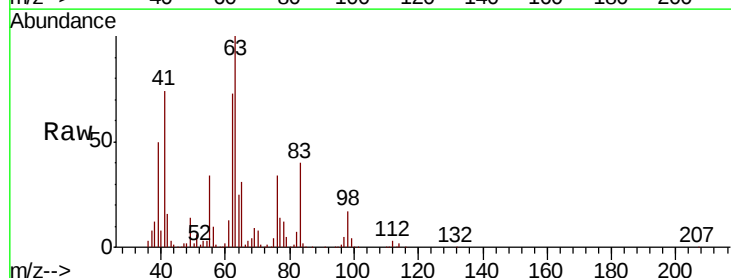


Abundance Ion 129.90 (129.60 to 130.60): VU028332.D (-1403) (-)
 Ion 94.90 (94.60 to 95.60): VU028332.D (-1403) (-)

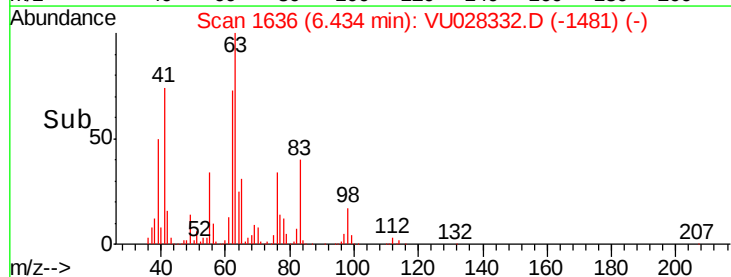
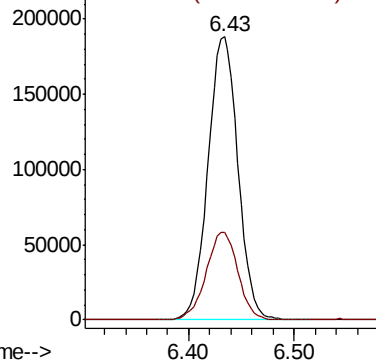


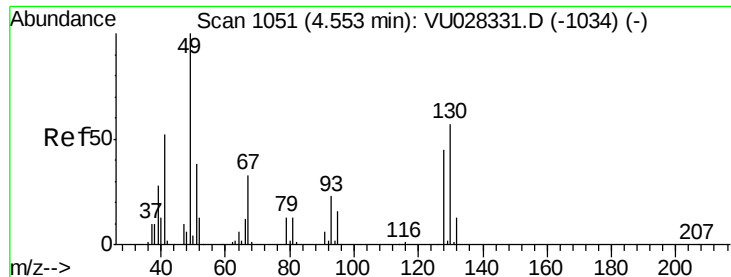
#38
 1,2-Dichloropropane
 Concen: 20.017 ug/l
 RT: 6.43 min Scan# 1636
 Delta R.T. -0.00 min
 Lab File: VU028332.D
 Acq: 26 Nov 2018 11:49

Tgt Ion: 63 Resp: 370260
 Ion Ratio Lower Upper
 63 100
 65 30.9 26.2 39.4



Abundance Ion 63.00 (62.70 to 63.70): VU028332.D (-1481) (-)
 Ion 65.00 (64.70 to 65.70): VU028332.D (-1481) (-)

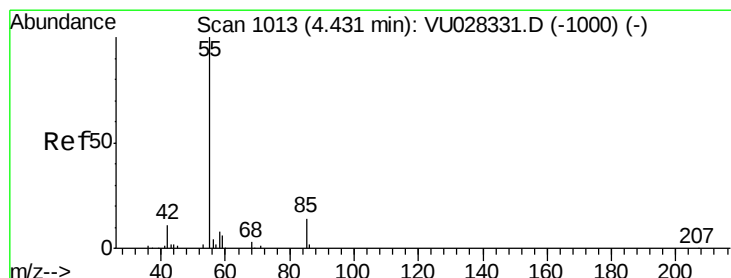
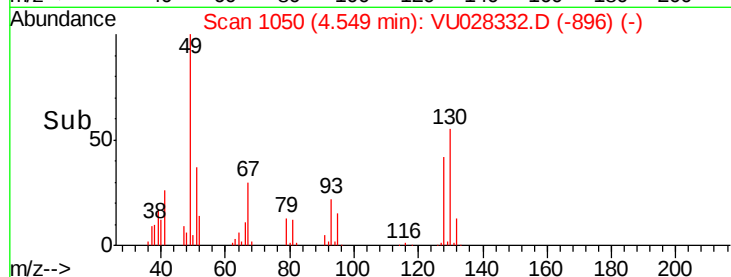
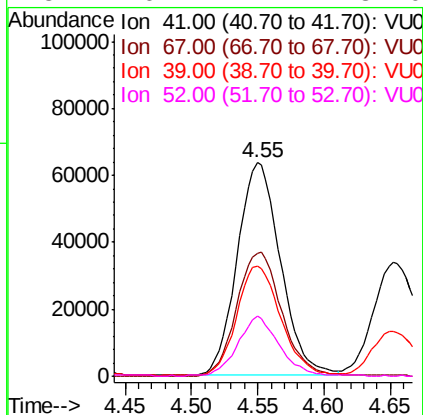
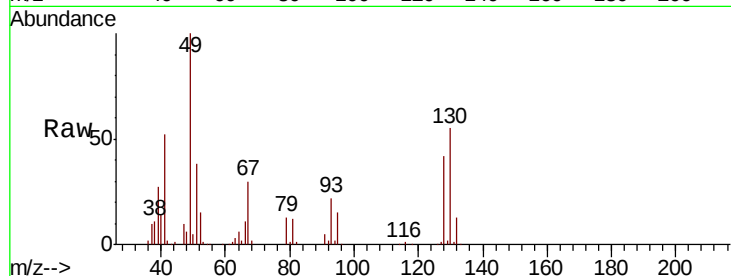




#39
Methacrylonitrile
Concen: 19.935 ug/l
RT: 4.55 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VU028332.D
Acq: 26 Nov 2018 11:49

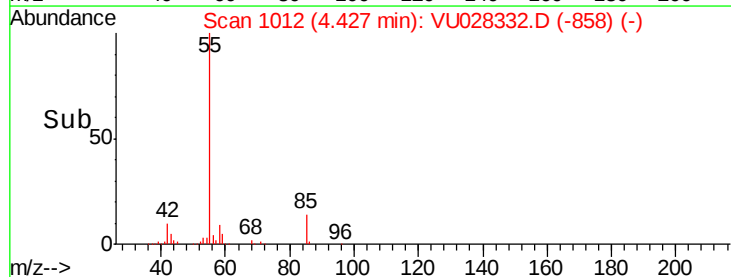
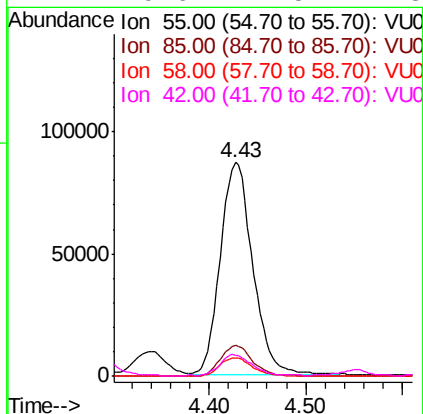
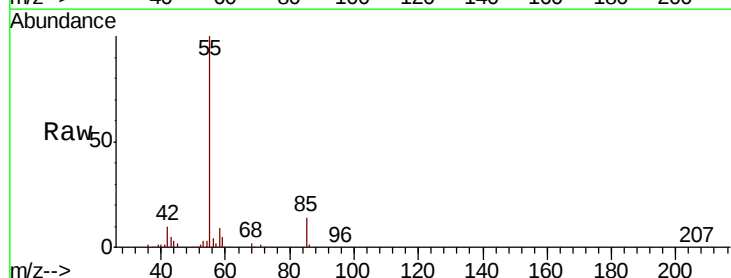
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

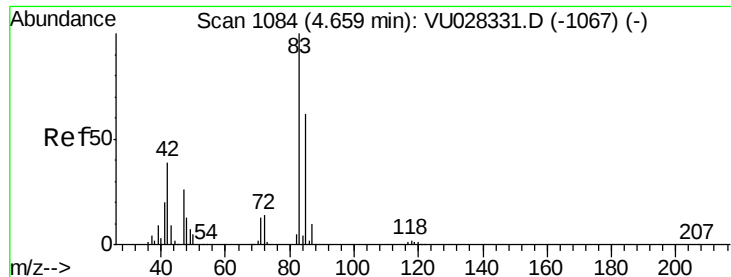
Tgt Ion:	41	Resp:	144633
Ion	Ratio	Lower	Upper
41	100		
67	60.7	48.2	72.4
39	52.3	42.9	64.3
52	26.7	21.4	32.0



#40
Methyl acrylate
Concen: 20.322 ug/l
RT: 4.43 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VU028332.D
Acq: 26 Nov 2018 11:49

Tgt Ion:	55	Resp:	202836
Ion	Ratio	Lower	Upper
55	100		
85	14.1	10.9	16.3
58	8.5	6.4	9.6
42	9.6	7.5	11.3

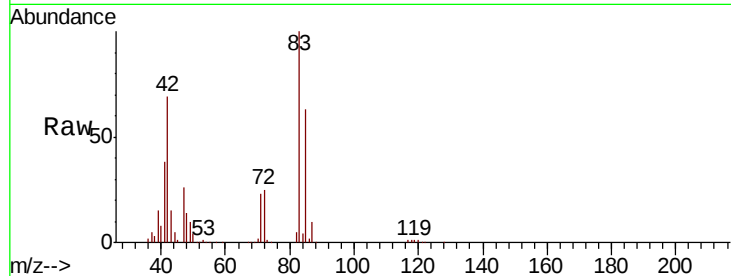




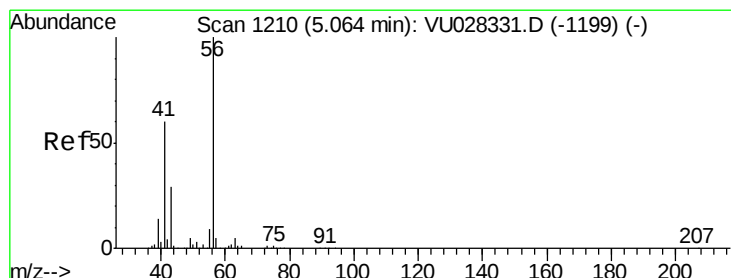
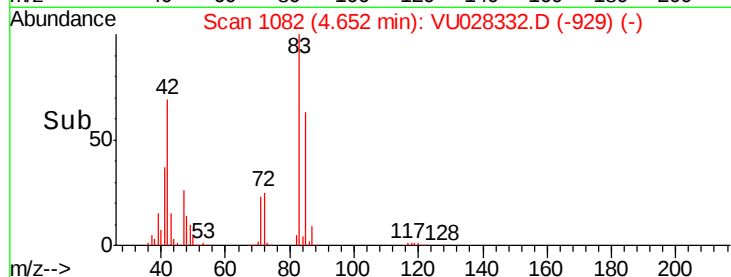
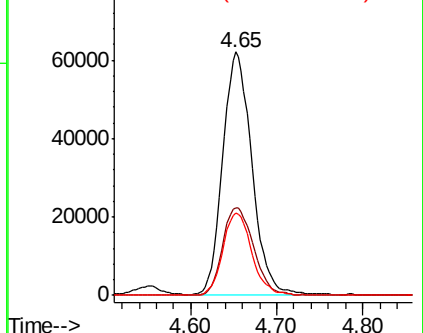
#41
Tetrahydrofuran
Concen: 40.040 ug/l
RT: 4.65 min Scan# 1082
Delta R.T. -0.01 min
Lab File: VU028332.D
Acq: 26 Nov 2018 11:49

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

Tgt Ion: 42 Resp: 146017
Ion Ratio Lower Upper
42 100
72 38.3 29.8 44.6
71 33.6 25.9 38.9

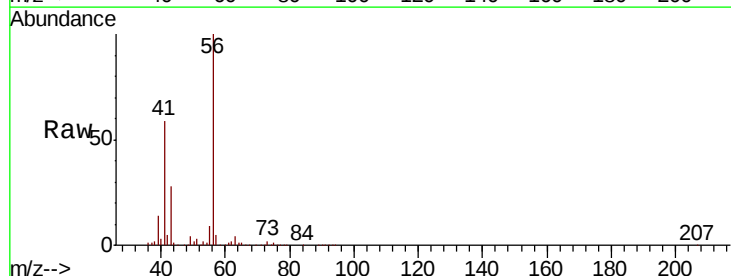


Abundance Ion 42.00 (41.70 to 42.70): VU0
Ion 72.00 (71.70 to 72.70): VU0
Ion 71.00 (70.70 to 71.70): VU0

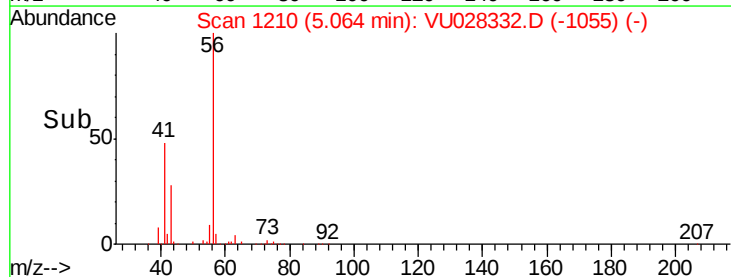
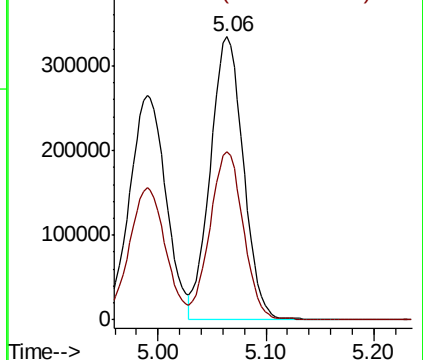


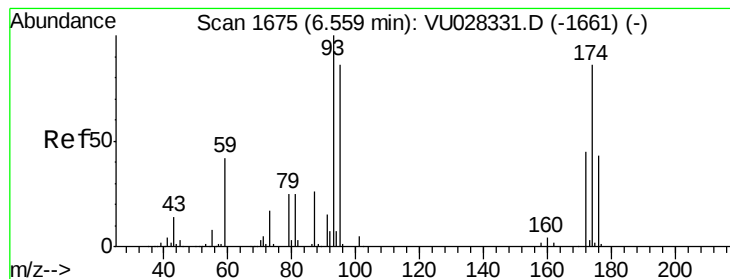
#42
1-Chlorobutane
Concen: 20.286 ug/l
RT: 5.06 min Scan# 1210
Delta R.T. -0.00 min
Lab File: VU028332.D
Acq: 26 Nov 2018 11:49

Tgt Ion: 56 Resp: 710476
Ion Ratio Lower Upper
56 100
41 59.4 29.8 89.3



Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 41.00 (40.70 to 41.70): VU0





#43

Dibromomethane

Concen: 20.304 ug/l

RT: 6.56 min Scan# 1675

Delta R.T. -0.00 min

Lab File: VU028332.D

Acq: 26 Nov 2018 11:49

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC020

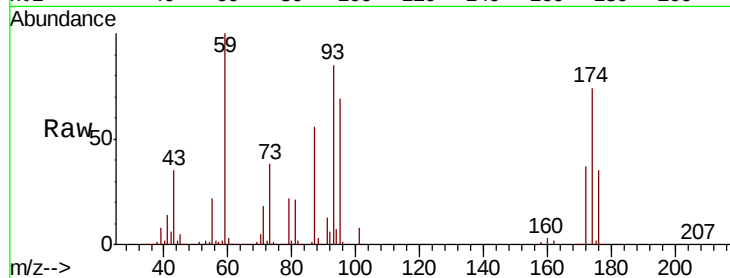
Tgt Ion: 93 Resp: 159879

Ion Ratio Lower Upper

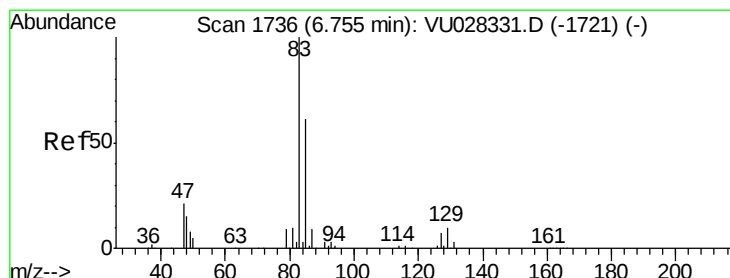
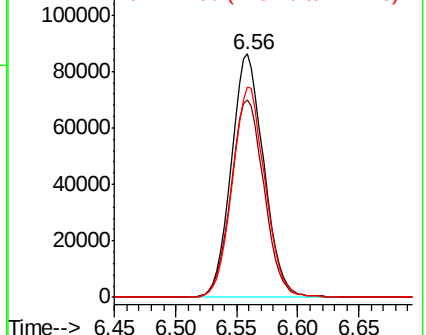
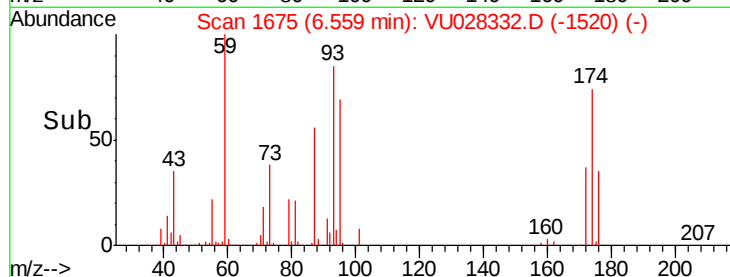
93 100

95 82.8 66.6 99.8

174 86.6 69.4 104.2



Abundance Ion 93.00 (92.70 to 93.70): VU028332.D (-1520) (-)



#44

Bromodichloromethane

Concen: 20.001 ug/l

RT: 6.76 min Scan# 1736

Delta R.T. -0.00 min

Lab File: VU028332.D

Acq: 26 Nov 2018 11:49

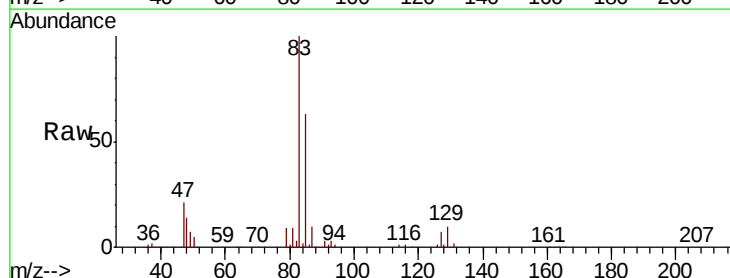
Tgt Ion: 83 Resp: 415861

Ion Ratio Lower Upper

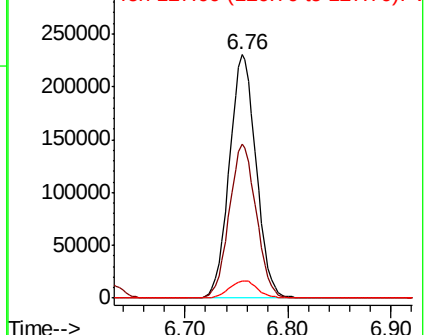
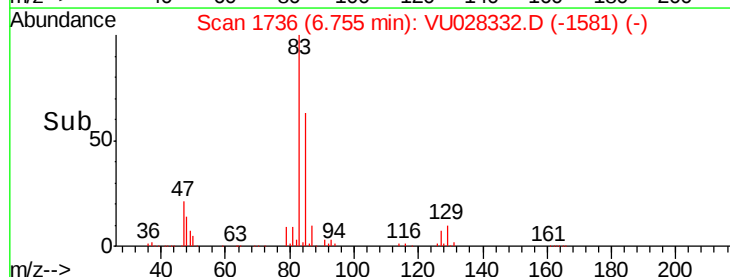
83 100

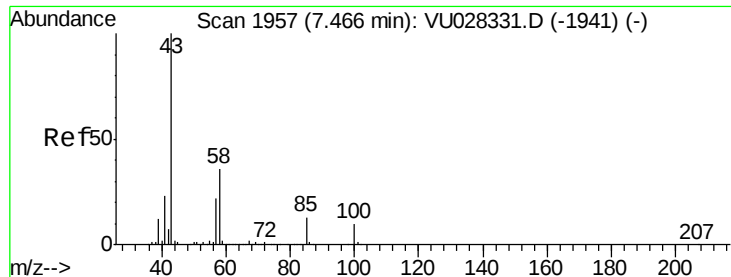
85 63.5 49.0 73.6

127 7.1 5.7 8.5



Abundance Ion 83.00 (82.70 to 83.70): VU028332.D (-1581) (-)

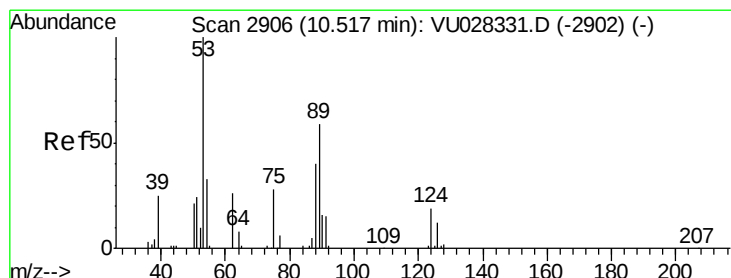
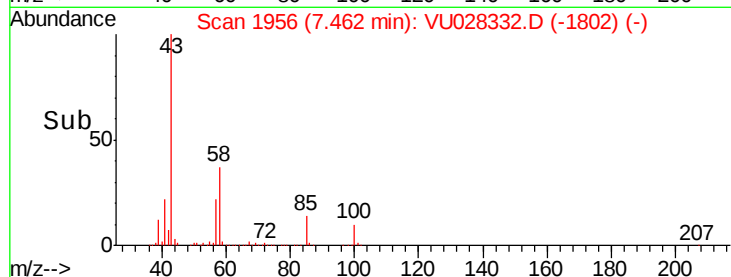
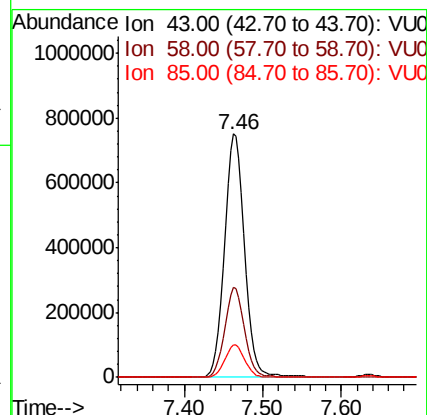
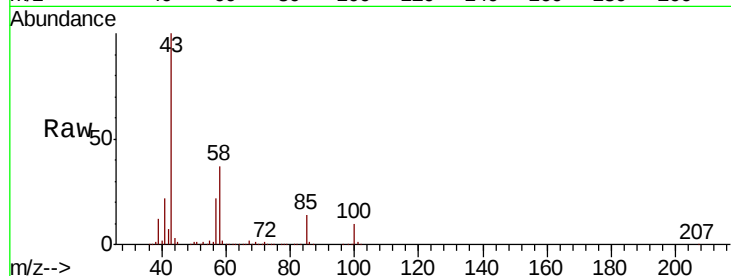




#45
4-Methyl-2-Pentanone
Concen: 104.047 ug/l
RT: 7.46 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VU028332.D
Acq: 26 Nov 2018 11:49

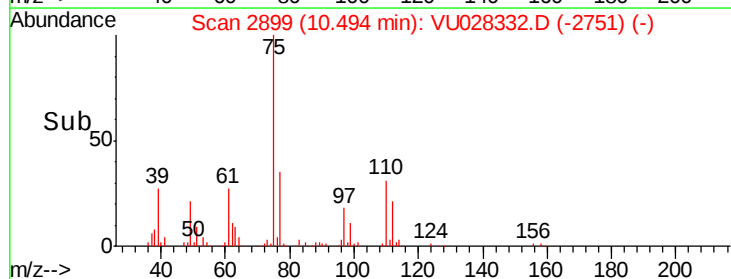
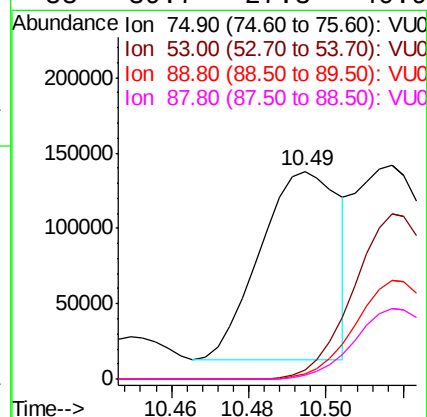
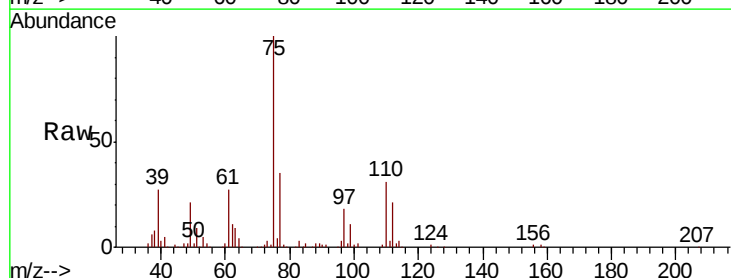
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

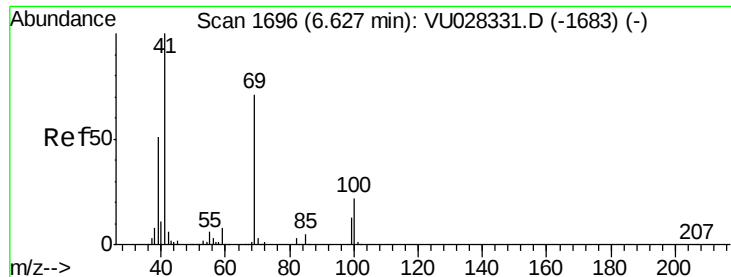
Tgt Ion: 43 Resp: 1315966
Ion Ratio Lower Upper
43 100
58 36.4 17.9 53.7
85 13.3 10.8 16.2



#46
t-1,4-Dichloro-2-butene
Concen: 39.030 ug/l
RT: 10.49 min Scan# 2899
Delta R.T. -0.02 min
Lab File: VU028332.D
Acq: 26 Nov 2018 11:49

Tgt Ion: 75 Resp: 176999
Ion Ratio Lower Upper
75 100
53 93.4 65.0 97.6
89 55.5 38.6 58.0
88 39.7 27.3 40.9

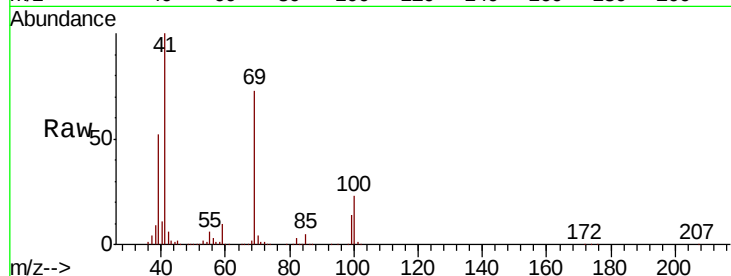




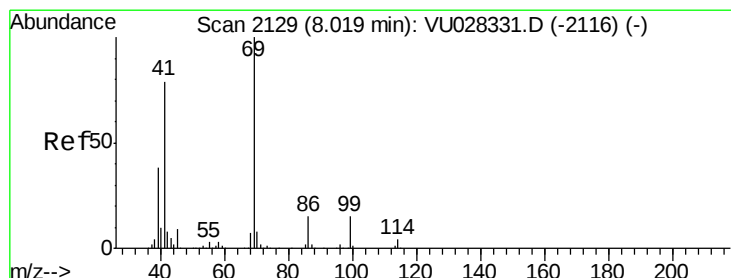
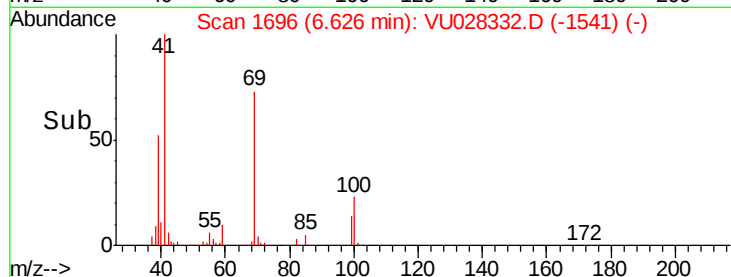
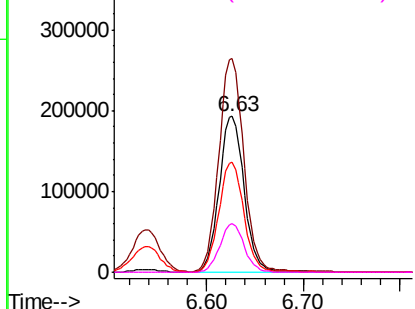
#47
Methyl methacrylate
Concen: 43.032 ug/l
RT: 6.63 min Scan# 1696
Delta R.T. -0.00 min
Lab File: VU028332.D
Acq: 26 Nov 2018 11:49

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

Tgt Ion: 69 Resp: 345860
Ion Ratio Lower Upper
69 100
41 136.4 0.0 277.2
39 70.2 57.6 86.4
100 30.5 24.4 36.6

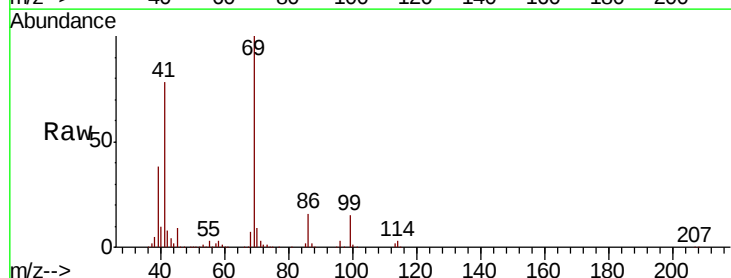


Abundance Ion 69.00 (68.70 to 69.70): VU0
Ion 41.00 (40.70 to 41.70): VU0
Ion 39.00 (38.70 to 39.70): VU0
Ion 100.00 (99.70 to 100.70): VU0

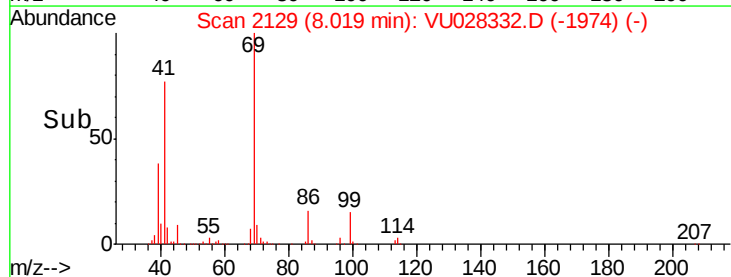
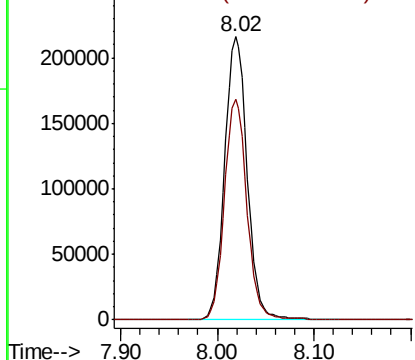


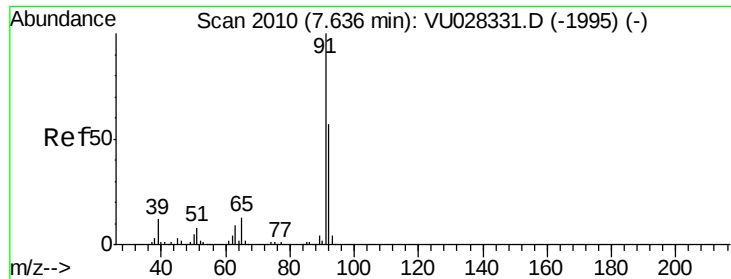
#48
Ethyl methacrylate
Concen: 21.779 ug/l
RT: 8.02 min Scan# 2129
Delta R.T. -0.00 min
Lab File: VU028332.D
Acq: 26 Nov 2018 11:49

Tgt Ion: 69 Resp: 350150
Ion Ratio Lower Upper
69 100
41 77.6 39.4 118.2



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





#49

Toluene

Concen: 21.106 ug/l

RT: 7.64 min Scan# 2010

Delta R.T. -0.00 min

Lab File: VU028332.D

Acq: 26 Nov 2018 11:49

Instrument :

MSVOA_U

ClientSampleId :

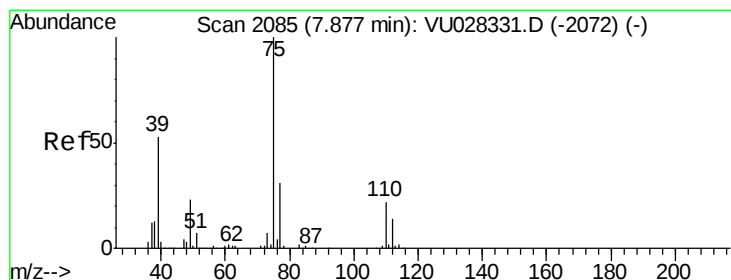
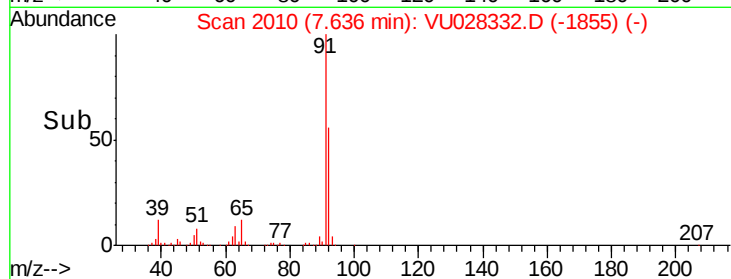
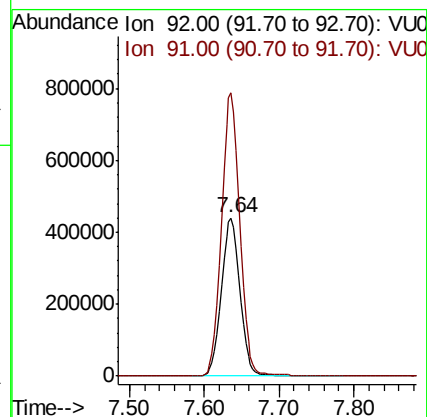
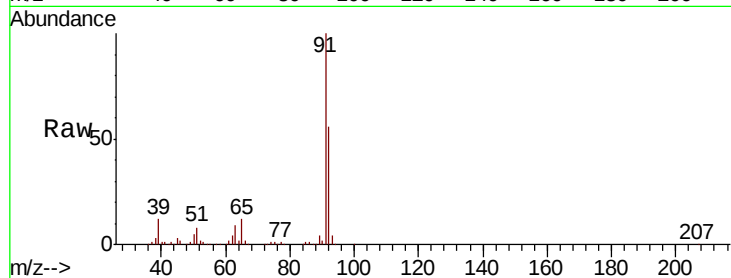
VSTDIC020

Tgt Ion: 92 Resp: 760263

Ion Ratio Lower Upper

92 100

91 176.7 141.5 212.3



#50

t-1,3-Dichloropropene

Concen: 20.917 ug/l

RT: 7.88 min Scan# 2085

Delta R.T. -0.00 min

Lab File: VU028332.D

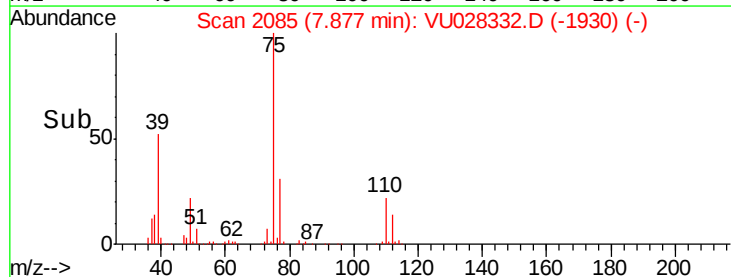
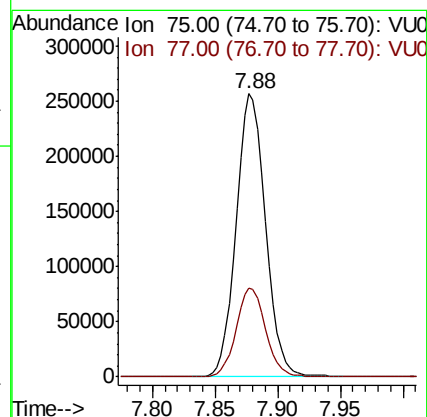
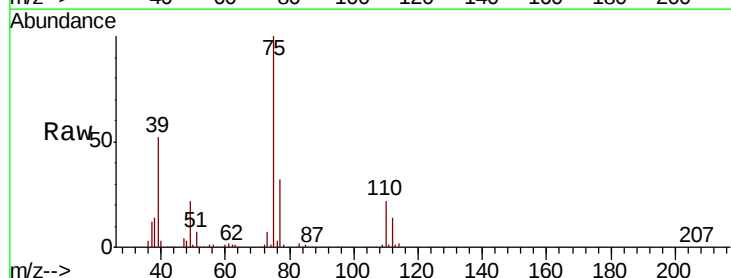
Acq: 26 Nov 2018 11:49

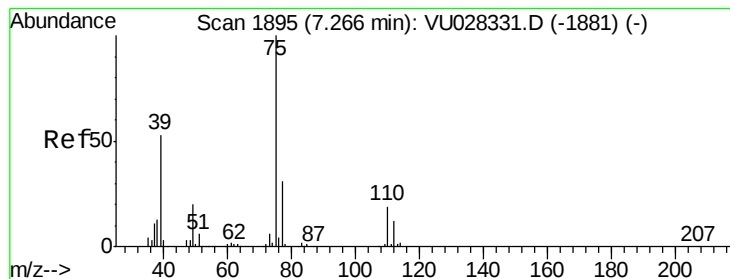
Tgt Ion: 75 Resp: 417731

Ion Ratio Lower Upper

75 100

77 31.5 24.7 37.1



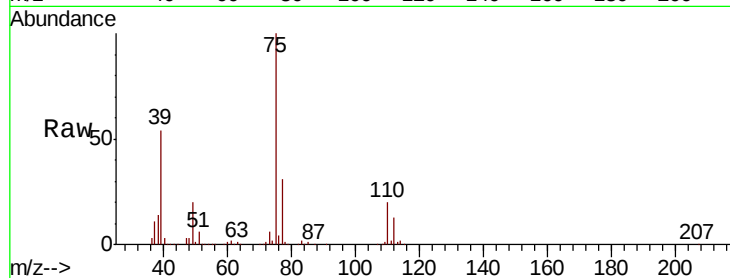


#51

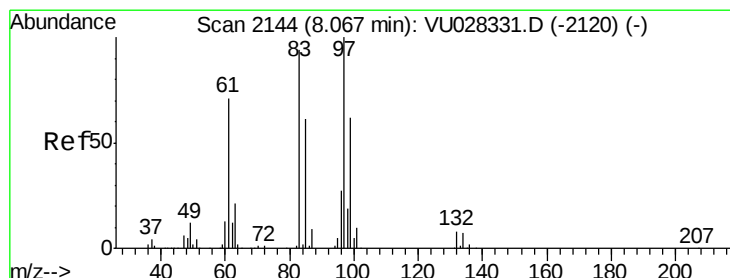
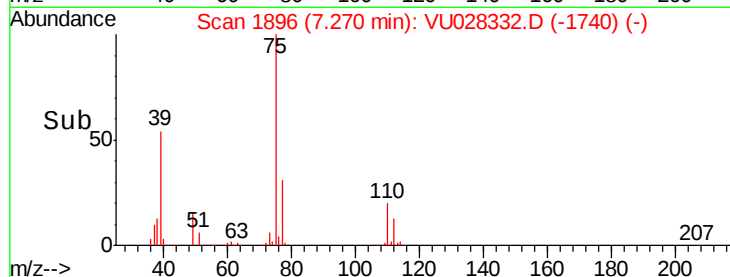
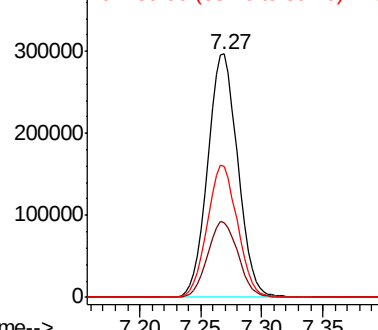
cis-1,3-Dichloropropene
Concen: 20.631 ug/l
RT: 7.27 min Scan# 1896
Delta R.T. 0.00 min
Lab File: VU028332.D
Acq: 26 Nov 2018 11:49

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.8	24.4	36.6
39	54.0	42.8	64.2



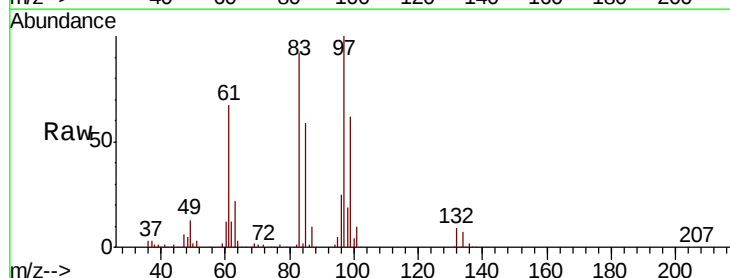
Abundance Ion 75.00 (74.70 to 75.70): VU0
Ion 77.00 (76.70 to 77.70): VU0
Ion 39.00 (38.70 to 39.70): VU0



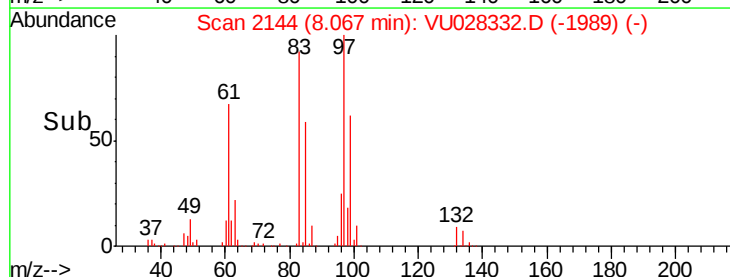
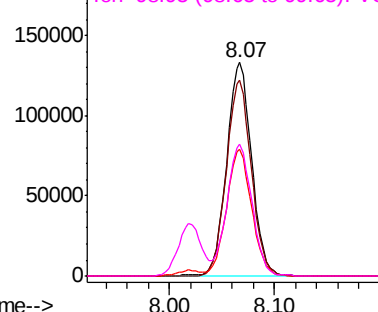
#52

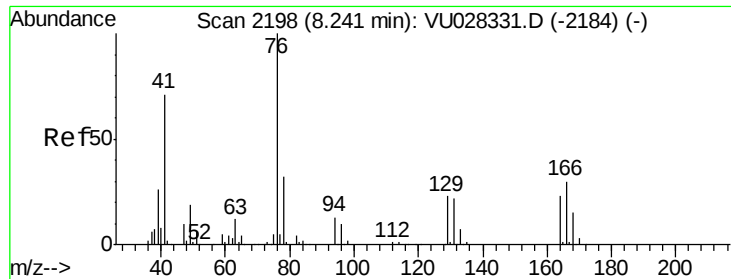
1,1,2-Trichloroethane
Concen: 19.949 ug/l
RT: 8.07 min Scan# 2144
Delta R.T. -0.00 min
Lab File: VU028332.D
Acq: 26 Nov 2018 11:49

Tgt Ion	Ratio	Lower	Upper
97	100		
83	92.0	75.1	112.7
85	59.0	48.7	73.1
99	61.4	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

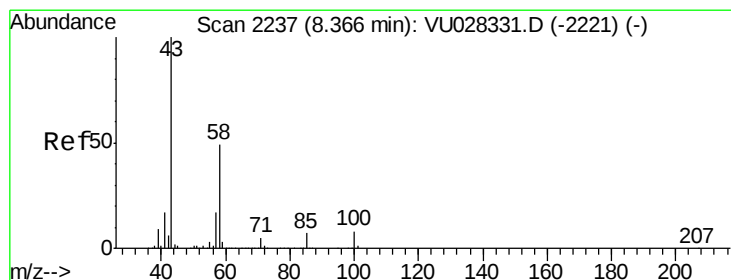
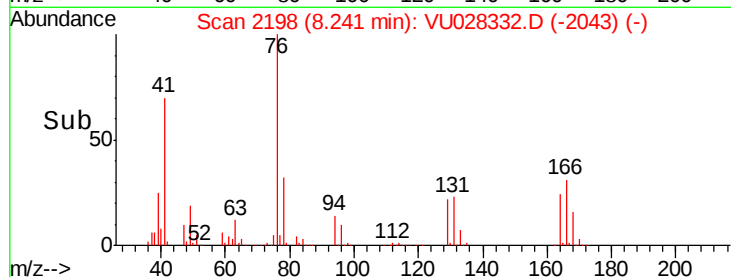
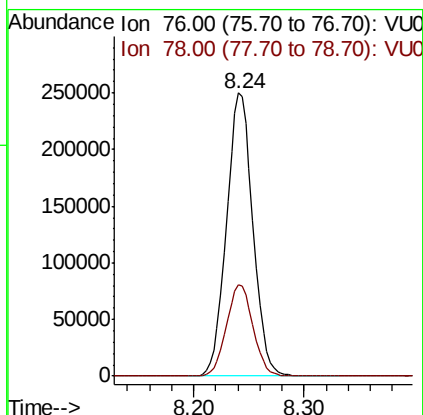
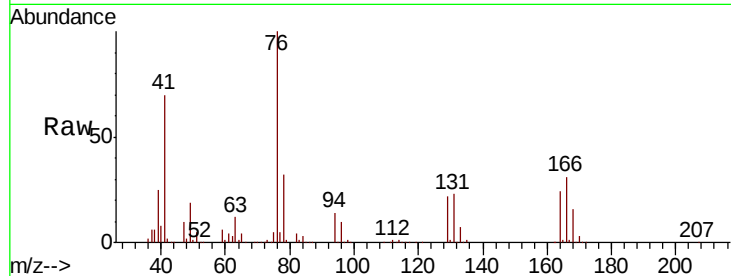




#53
 1,3-Dichloropropane
 Concen: 20.077 ug/l
 RT: 8.24 min Scan# 2198
 Delta R.T. -0.00 min
 Lab File: VU028332.D
 Acq: 26 Nov 2018 11:49

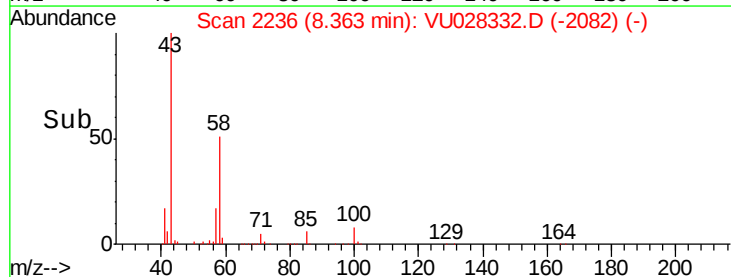
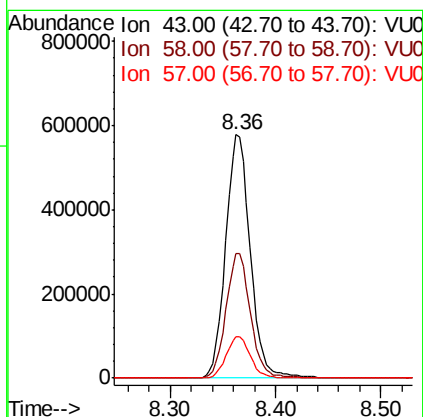
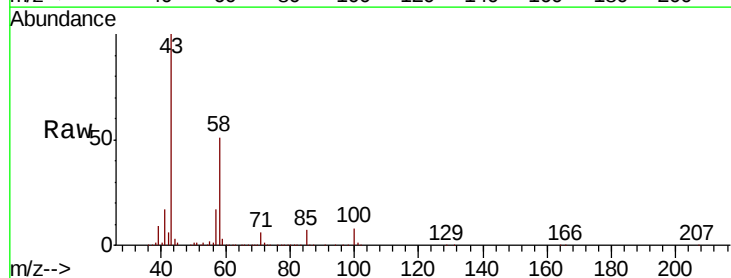
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

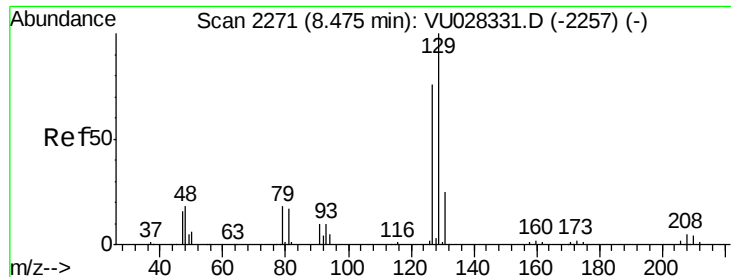
Tgt Ion: 76 Resp: 414586
 Ion Ratio Lower Upper
 76 100
 78 32.4 25.4 38.0



#54
 2-Hexanone
 Concen: 102.388 ug/l
 RT: 8.36 min Scan# 2236
 Delta R.T. -0.00 min
 Lab File: VU028332.D
 Acq: 26 Nov 2018 11:49

Tgt Ion: 43 Resp: 931577
 Ion Ratio Lower Upper
 43 100
 58 50.8 29.3 69.3
 57 16.9 0.0 36.8





#55

Dibromochloromethane

Concen: 20.957 ug/l

RT: 8.48 min Scan# 2271

Delta R.T. -0.00 min

Lab File: VU028332.D

Acq: 26 Nov 2018 11:49

Instrument :

MSVOA_U

ClientSampleId :

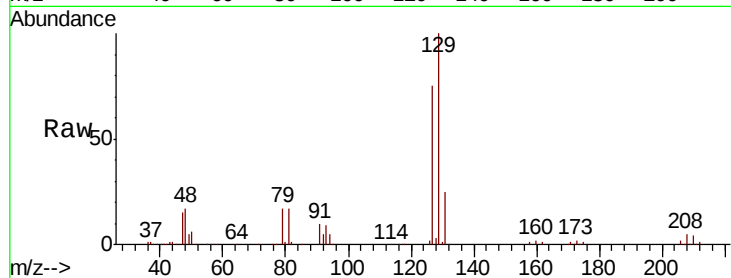
VSTDIC020

Tgt Ion:129 Resp: 246434

Ion Ratio Lower Upper

129 100

127 76.8 61.0 91.4



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

150000

100000

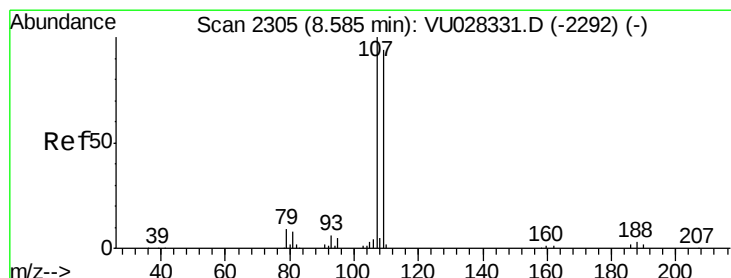
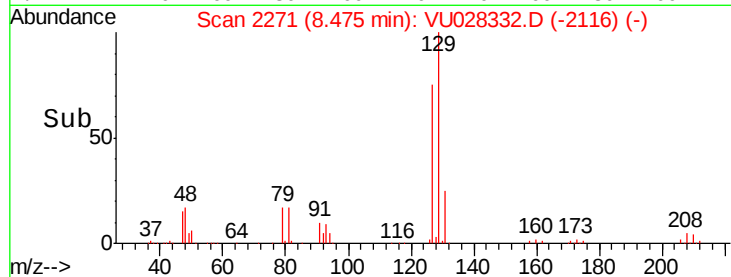
50000

0

8.48

8.45 8.50 8.55

Time-->



#56

1,2-Dibromoethane

Concen: 20.163 ug/l

RT: 8.58 min Scan# 2305

Delta R.T. -0.00 min

Lab File: VU028332.D

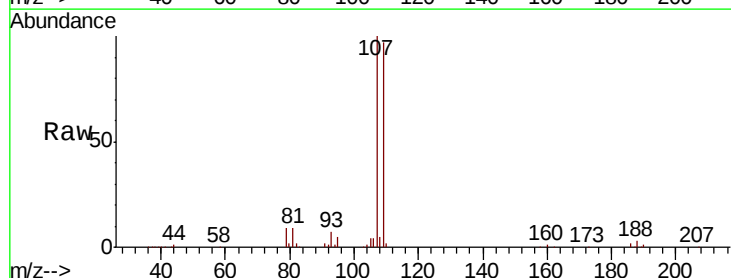
Acq: 26 Nov 2018 11:49

Tgt Ion:107 Resp: 203038

Ion Ratio Lower Upper

107 100

109 96.2 0.0 187.8



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

100000

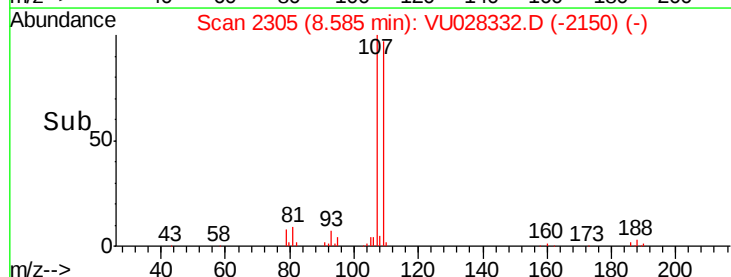
50000

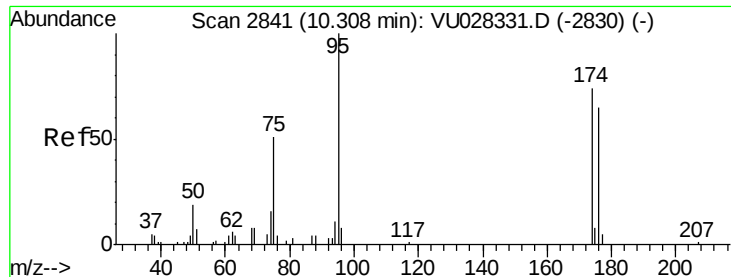
0

8.58

8.55 8.60 8.65

Time-->

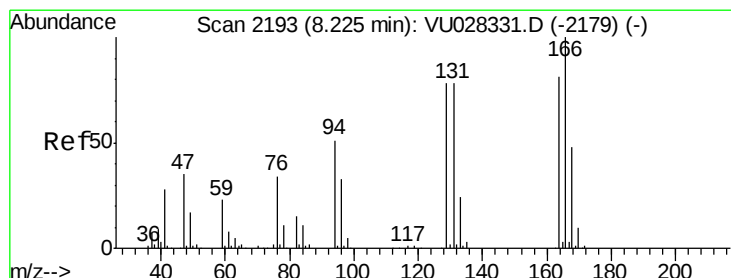
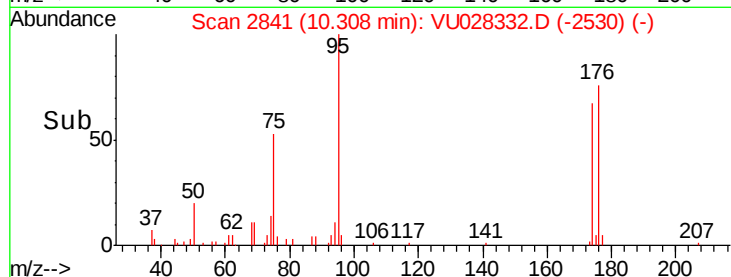
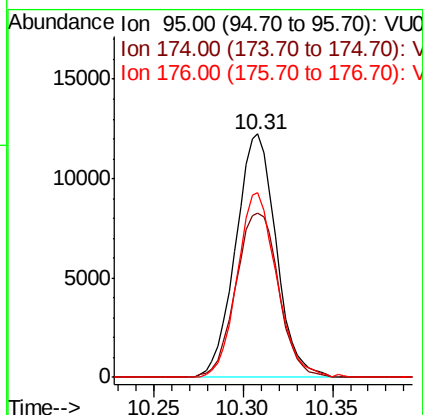
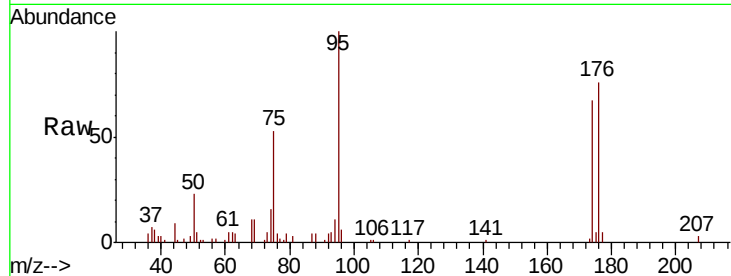




#57
4-Bromofluorobenzene
Concen: 20.163 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. -0.00 min
Lab File: VU028332.D
Acq: 26 Nov 2018 11:49

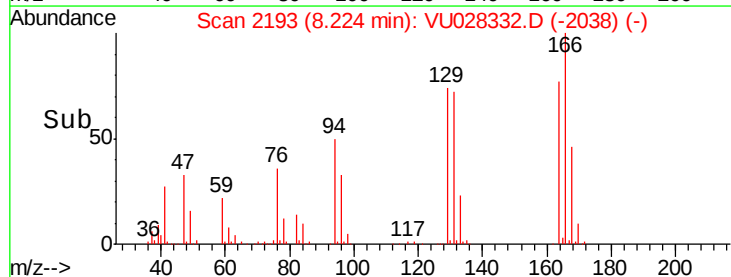
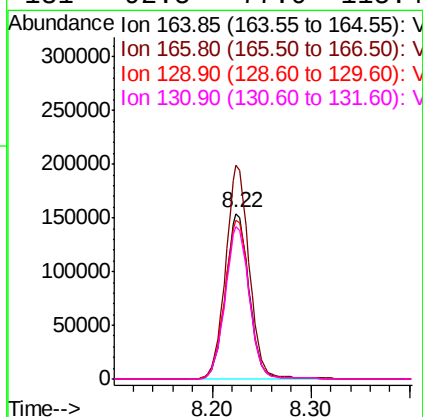
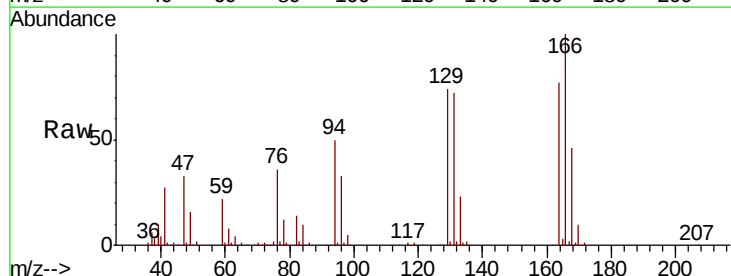
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

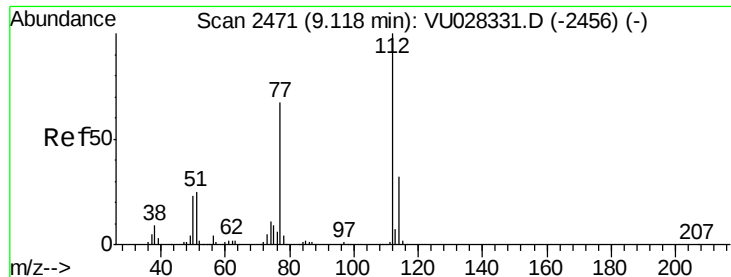
Tgt Ion: 95 Resp: 19347
Ion Ratio Lower Upper
95 100
174 71.2 59.3 88.9
176 73.9 54.3 81.5



#58
Tetrachloroethene
Concen: 20.112 ug/l
RT: 8.22 min Scan# 2193
Delta R.T. -0.00 min
Lab File: VU028332.D
Acq: 26 Nov 2018 11:49

Tgt Ion: 164 Resp: 260146
Ion Ratio Lower Upper
164 100
166 129.3 98.6 148.0
129 96.0 77.0 115.4
131 92.5 77.0 115.4

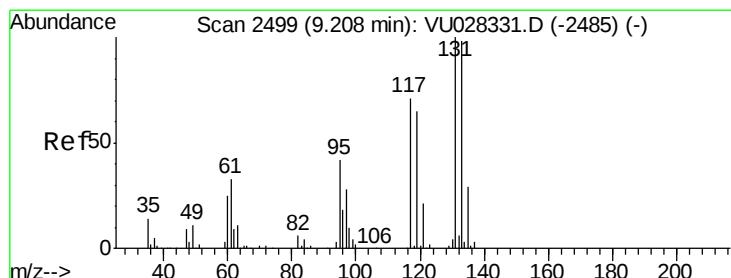
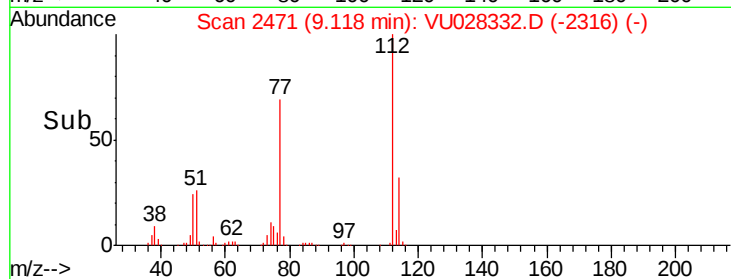
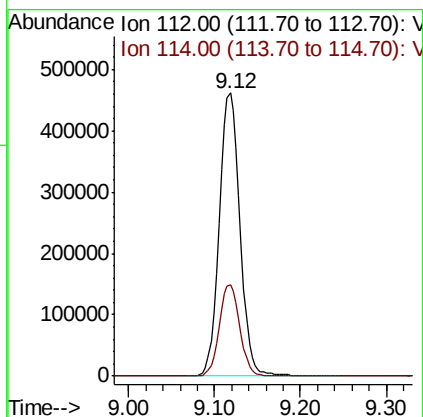
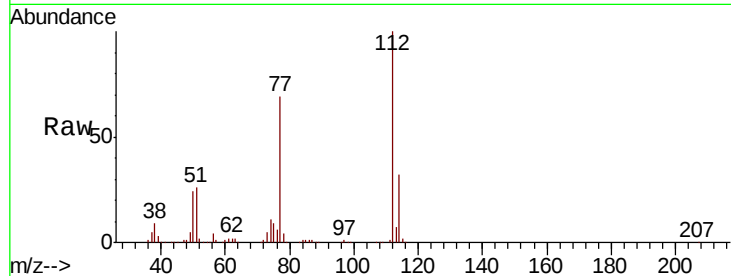




#59
Chlorobenzene
Concen: 20.578 ug/l
RT: 9.12 min Scan# 2471
Delta R.T. -0.00 min
Lab File: VU028332.D
Acq: 26 Nov 2018 11:49

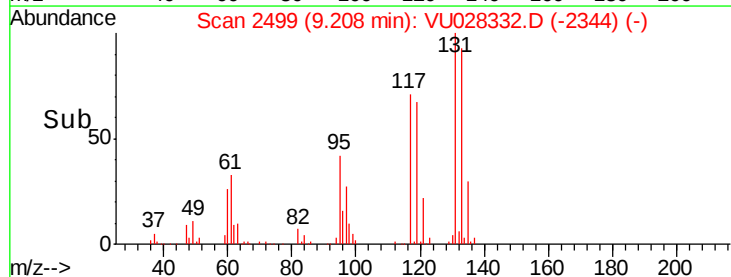
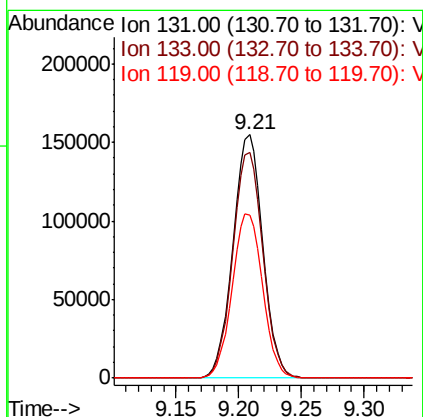
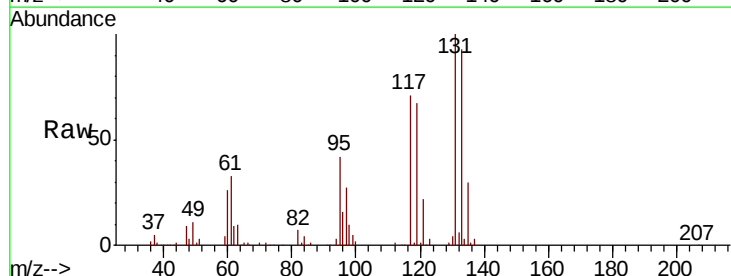
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

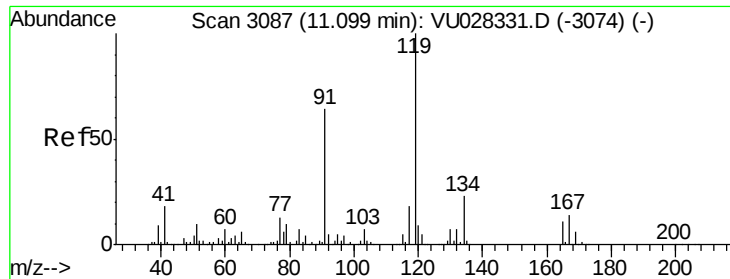
Tgt Ion:112 Resp: 771337
Ion Ratio Lower Upper
112 100
114 32.1 25.2 37.8



#60
1,1,1,2-Tetrachloroethane
Concen: 20.161 ug/l
RT: 9.21 min Scan# 2499
Delta R.T. -0.00 min
Lab File: VU028332.D
Acq: 26 Nov 2018 11:49

Tgt Ion:131 Resp: 256098
Ion Ratio Lower Upper
131 100
133 94.1 77.7 116.5
119 68.8 54.3 81.5

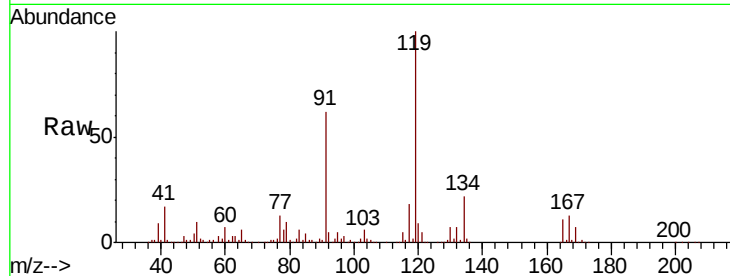




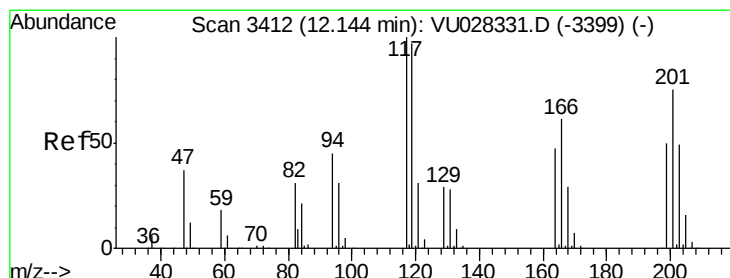
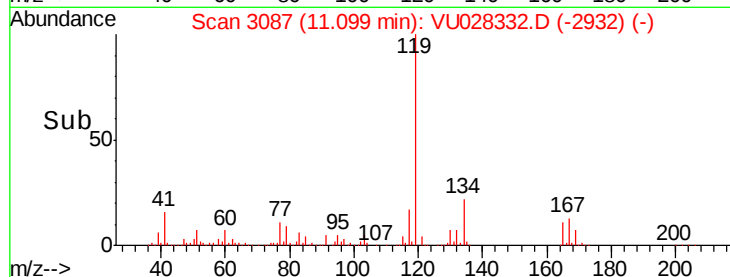
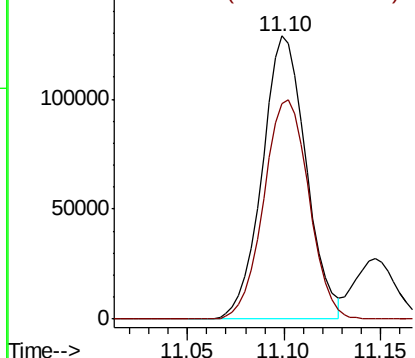
#61
Pentachloroethane
Concen: 20.514 ug/l
RT: 11.10 min Scan# 3087
Delta R.T. -0.00 min
Lab File: VU028332.D
Acq: 26 Nov 2018 11:49

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

Tgt Ion:117 Resp: 202780
Ion Ratio Lower Upper
117 100
167 79.9 64.2 96.2

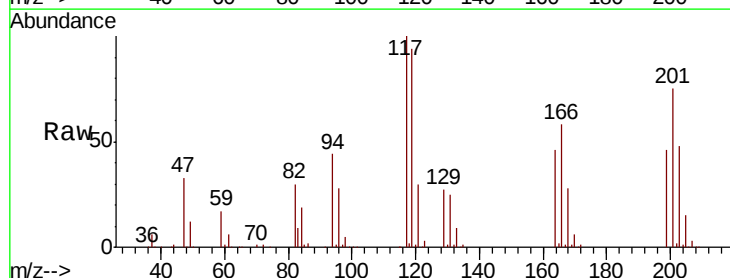


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 166.70 (166.40 to 167.40): V

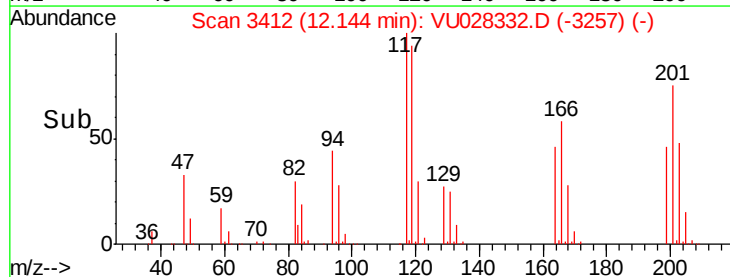
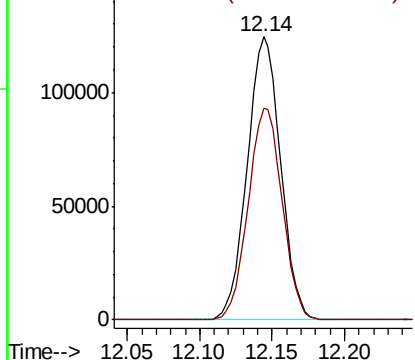


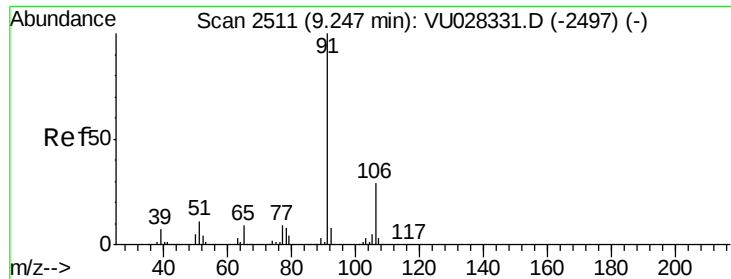
#62
Hexachloroethane
Concen: 21.568 ug/l
RT: 12.14 min Scan# 3412
Delta R.T. -0.00 min
Lab File: VU028332.D
Acq: 26 Nov 2018 11:49

Tgt Ion:117 Resp: 199787
Ion Ratio Lower Upper
117 100
201 76.1 59.4 89.2



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.60 (200.30 to 201.30): V

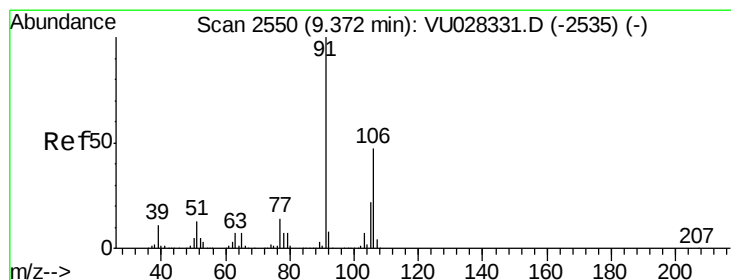
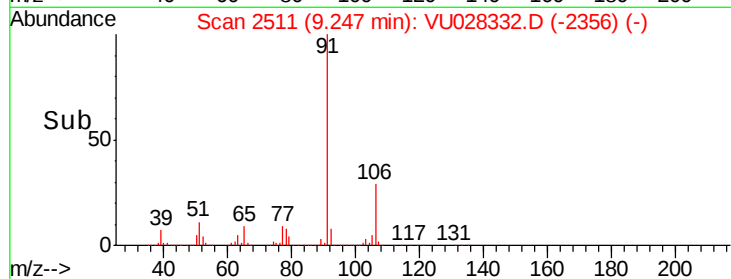
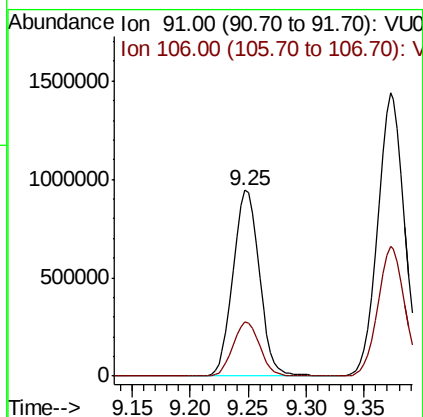
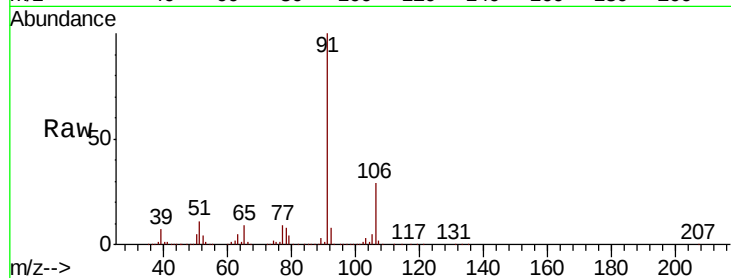




#63
Ethyl Benzene
Concen: 21.555 ug/l
RT: 9.25 min Scan# 2511
Delta R.T. -0.00 min
Lab File: VU028332.D
Acq: 26 Nov 2018 11:49

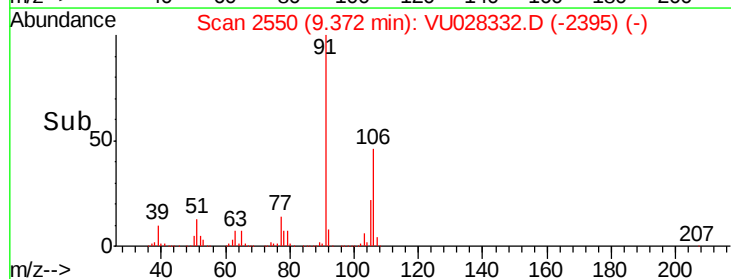
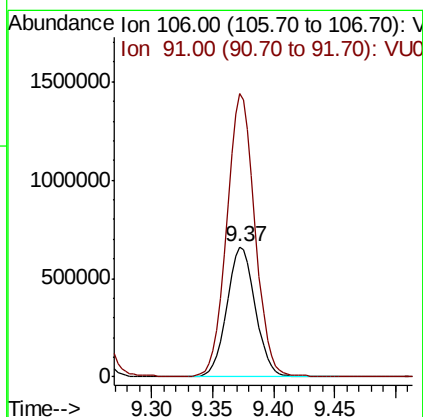
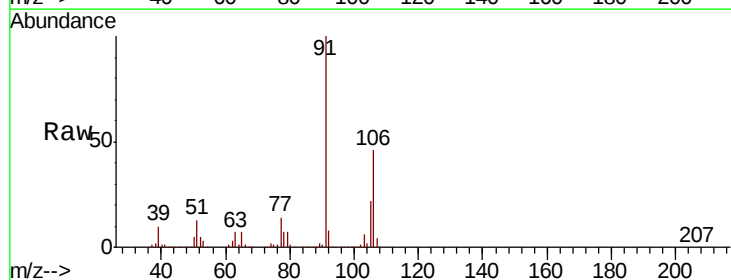
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

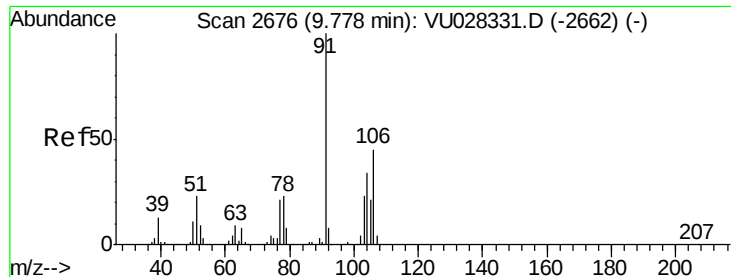
Tgt Ion: 91 Resp: 1490830
Ion Ratio Lower Upper
91 100
106 28.9 23.4 35.2



#64
m/p-Xylenes
Concen: 42.857 ug/l
RT: 9.37 min Scan# 2550
Delta R.T. -0.00 min
Lab File: VU028332.D
Acq: 26 Nov 2018 11:49

Tgt Ion: 106 Resp: 1072708
Ion Ratio Lower Upper
106 100
91 216.6 170.6 256.0

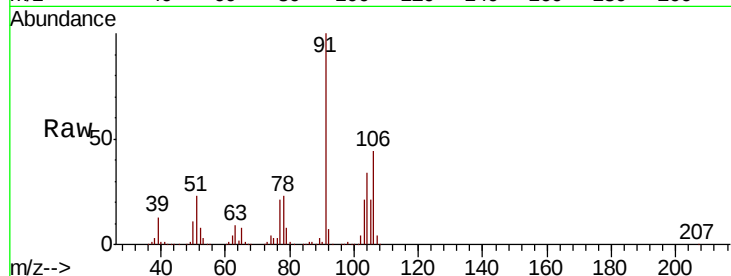




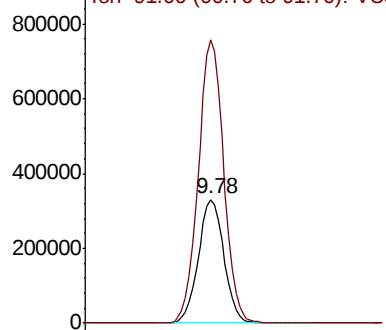
#65
o-Xylene
Concen: 21.550 ug/l
RT: 9.78 min Scan# 2676
Delta R.T. -0.00 min
Lab File: VU028332.D
Acq: 26 Nov 2018 11:49

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

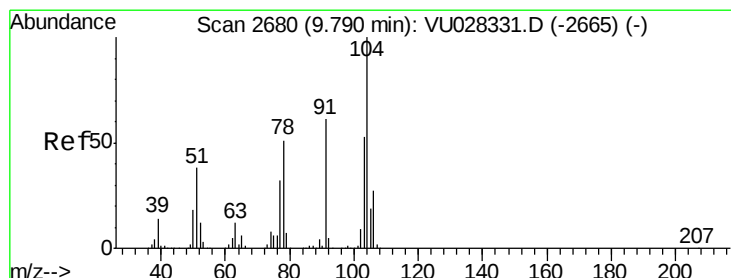
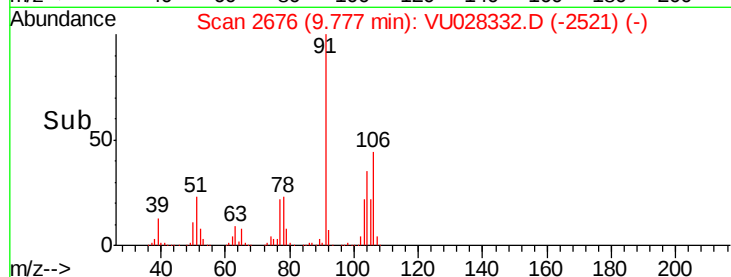
Tgt Ion:106 Resp: 520510
Ion Ratio Lower Upper
106 100
91 227.2 112.3 337.0



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

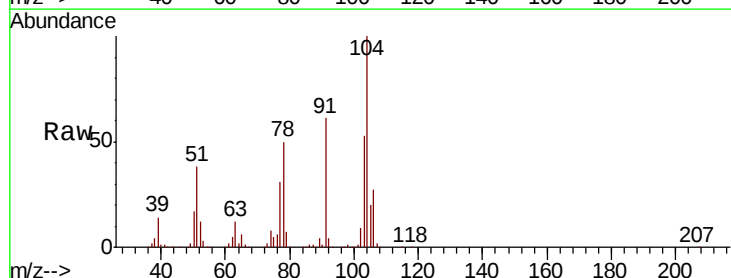


Time-->

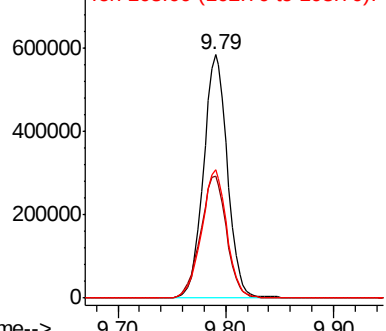


#66
Styrene
Concen: 21.913 ug/l
RT: 9.79 min Scan# 2680
Delta R.T. -0.00 min
Lab File: VU028332.D
Acq: 26 Nov 2018 11:49

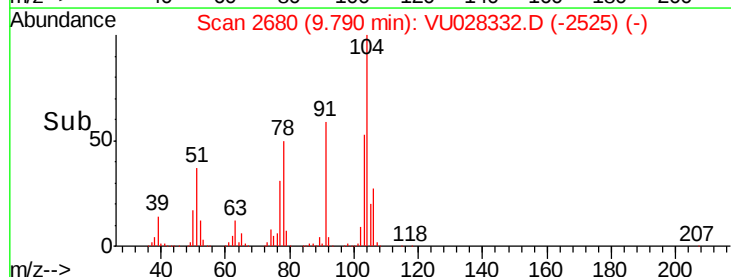
Tgt Ion:104 Resp: 907838
Ion Ratio Lower Upper
104 100
78 54.8 44.0 66.0
103 55.5 45.2 67.8

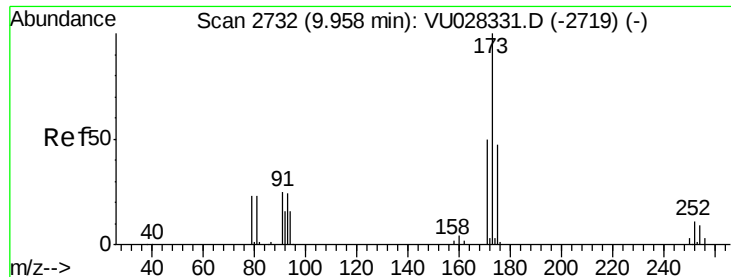


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VU0
Ion 103.00 (102.70 to 103.70): V



Time-->

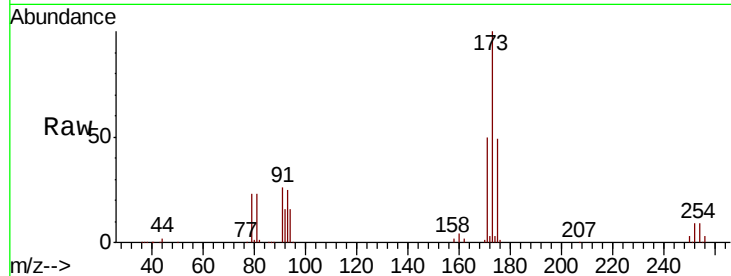




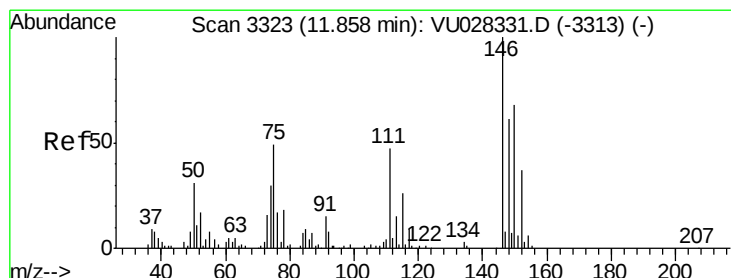
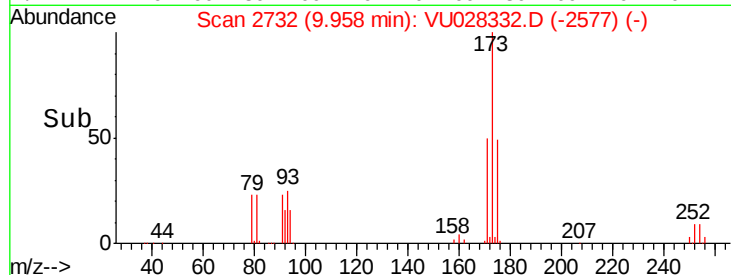
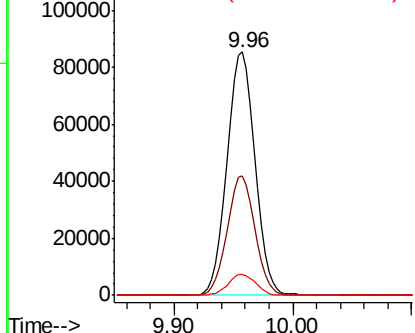
#67
Bromoform
Concen: 21.160 ug/l
RT: 9.96 min Scan# 2732
Delta R.T. -0.00 min
Lab File: VU028332.D
Acq: 26 Nov 2018 11:49

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

Tgt Ion:173 Resp: 139448
Ion Ratio Lower Upper
173 100
175 48.7 39.0 58.6
254 8.5 6.8 10.2

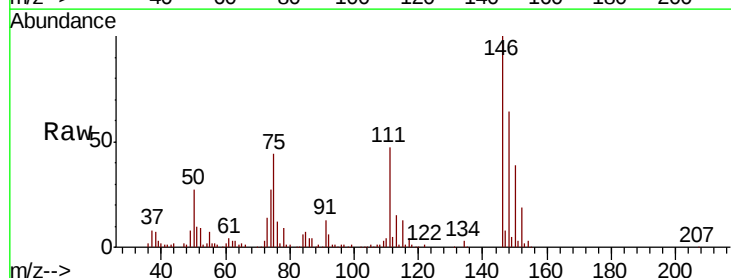


Abundance Ion 172.90 (172.60 to 173.60): V
Ion 174.90 (174.60 to 175.60): V
Ion 253.75 (253.45 to 254.45): V

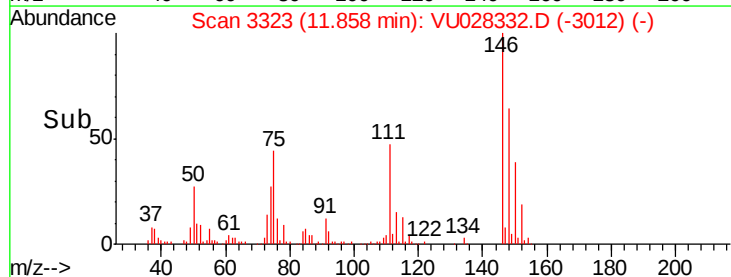
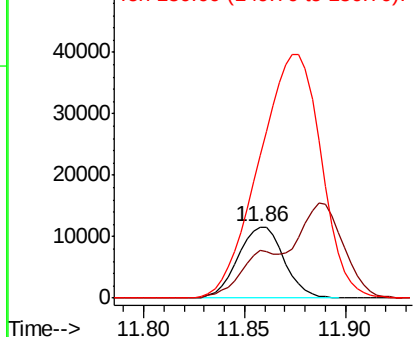


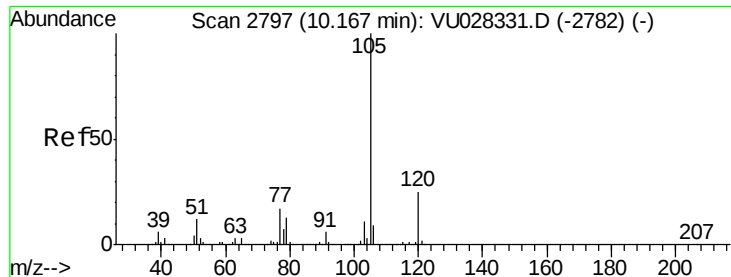
#68
1,2-Dichlorobenzene-d4
Concen: 21.160 ug/l
RT: 11.86 min Scan# 3323
Delta R.T. -0.00 min
Lab File: VU028332.D
Acq: 26 Nov 2018 11:49

Tgt Ion:152 Resp: 18550
Ion Ratio Lower Upper
152 100
115 55.9 0.0 146.8
150 0.0 0.0 653.2



Abundance Ion 152.00 (151.70 to 152.70): V
Ion 115.00 (114.70 to 115.70): V
Ion 150.00 (149.70 to 150.70): V





#69

Isopropylbenzene

Concen: 21.596 ug/l

RT: 10.17 min Scan# 2797

Delta R.T. -0.00 min

Lab File: VU028332.D

Acq: 26 Nov 2018 11:49

Instrument :

MSVOA_U

ClientSampleId :

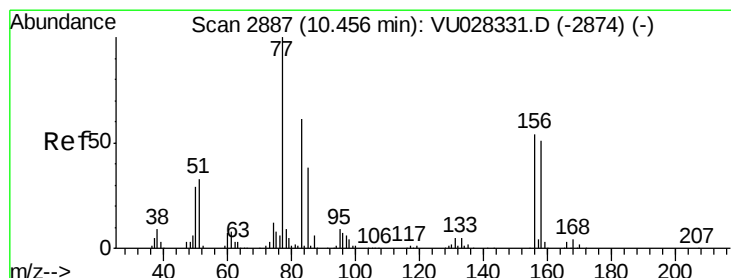
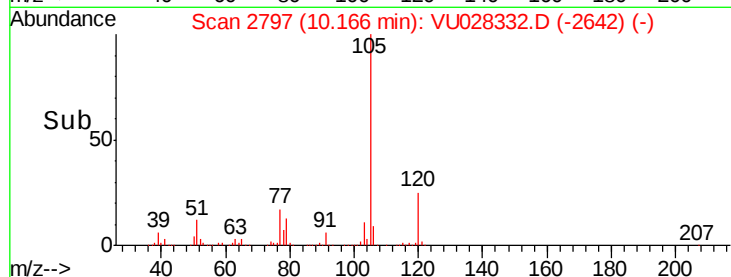
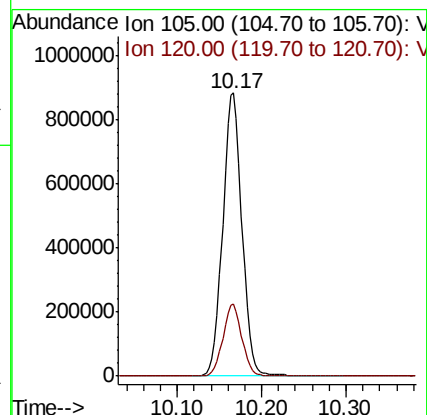
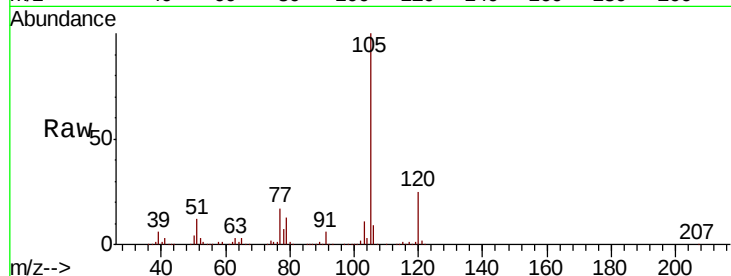
VSTDIC020

Tgt Ion:105 Resp: 1396739

Ion Ratio Lower Upper

105 100

120 25.1 12.6 37.6



#70

1,1,2,2-Tetrachloroethane

Concen: 20.312 ug/l

RT: 10.46 min Scan# 2887

Delta R.T. -0.00 min

Lab File: VU028332.D

Acq: 26 Nov 2018 11:49

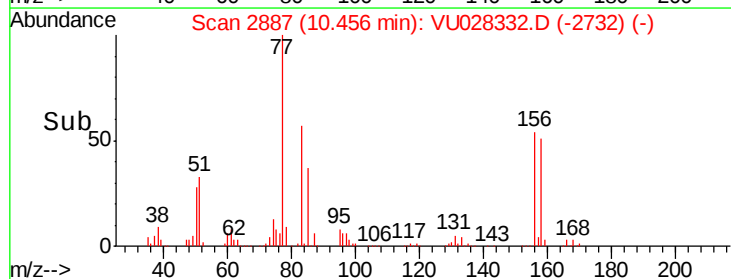
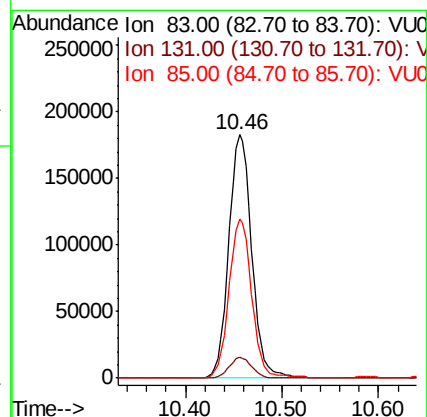
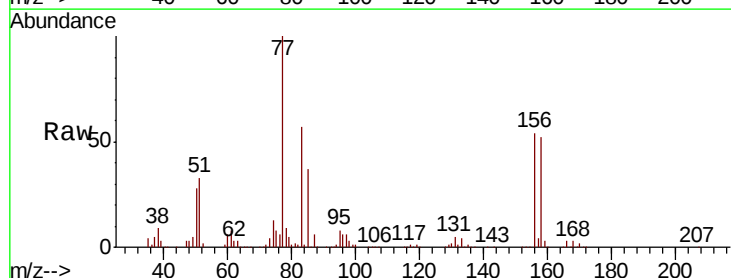
Tgt Ion: 83 Resp: 301199

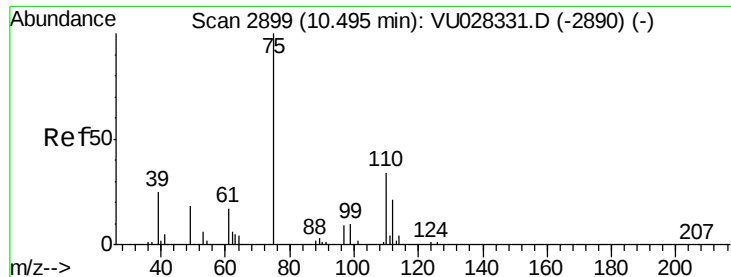
Ion Ratio Lower Upper

83 100

131 8.3 6.6 9.8

85 64.8 50.5 75.7

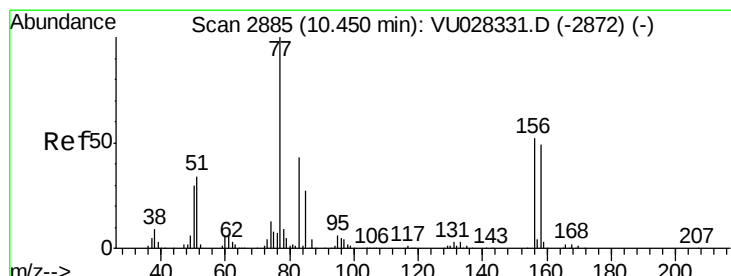
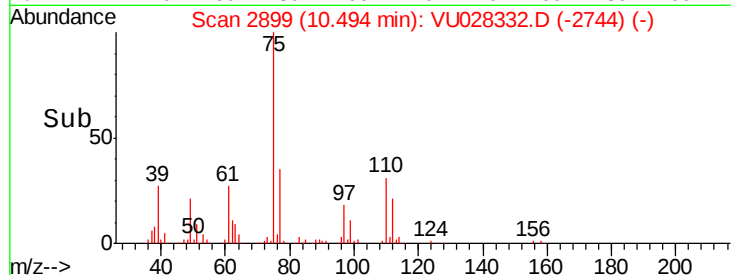
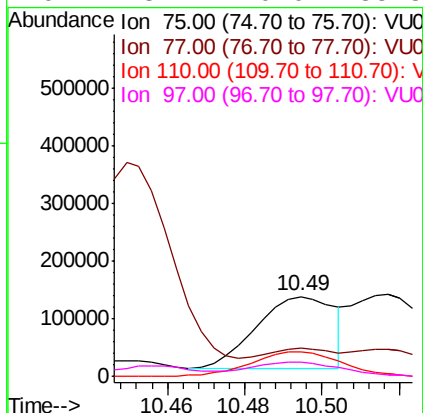
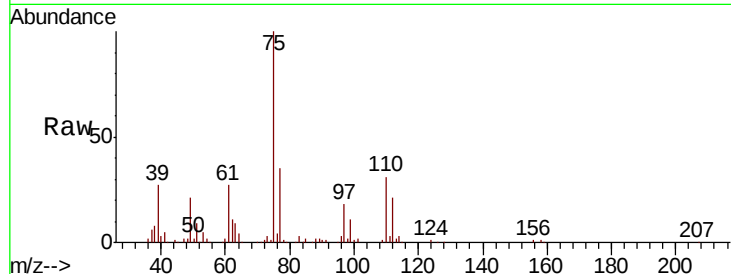




#71
1,2,3-Trichloropropane
Concen: 17.326 ug/l
RT: 10.49 min Scan# 2899
Delta R.T. -0.00 min
Lab File: VU028332.D
Acq: 26 Nov 2018 11:49

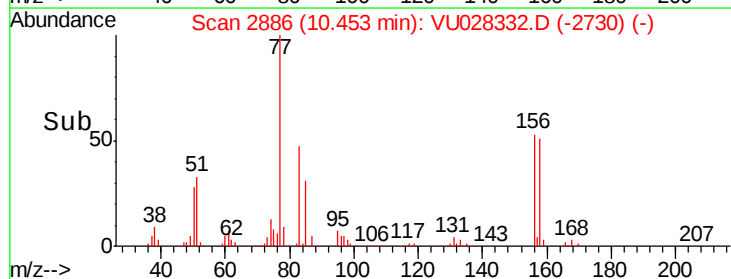
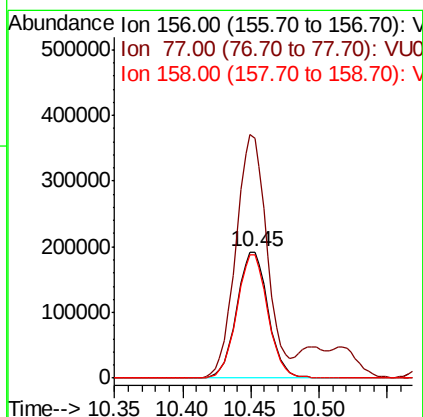
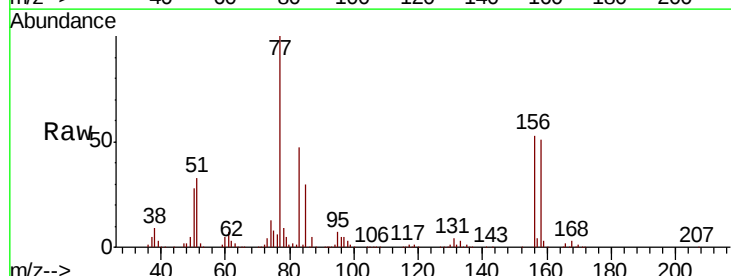
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

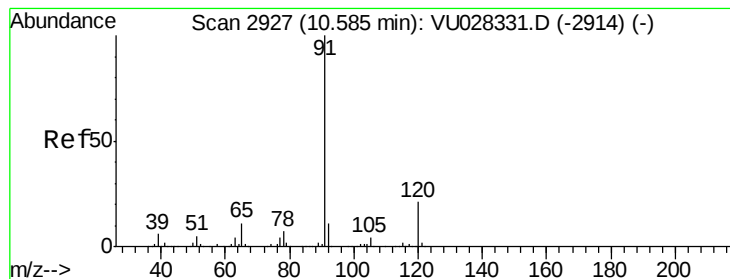
Tgt Ion:	75	Resp:	176999
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0
110	38.6	0.0	67.6
97	23.1	0.0	35.8



#72
Bromobenzene
Concen: 21.387 ug/l
RT: 10.45 min Scan# 2886
Delta R.T. 0.00 min
Lab File: VU028332.D
Acq: 26 Nov 2018 11:49

Tgt Ion:	156	Resp:	307024
Ion	Ratio	Lower	Upper
156	100		
77	190.6	0.0	380.4
158	97.1	0.0	191.2





#73

n-propylbenzene

Concen: 22.189 ug/l

RT: 10.59 min Scan# 2928

Delta R.T. 0.00 min

Lab File: VU028332.D

Acq: 26 Nov 2018 11:49

Instrument :

MSVOA_U

ClientSampleId :

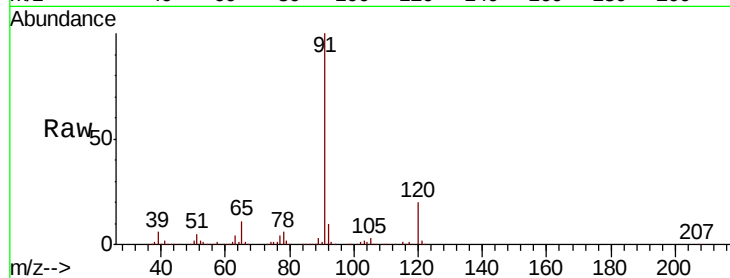
VSTDIC020

Tgt Ion:120 Resp: 372213

Ion Ratio Lower Upper

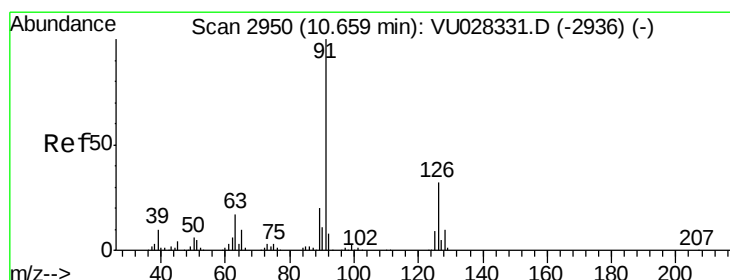
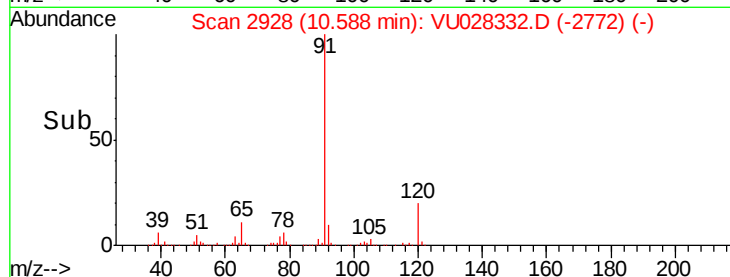
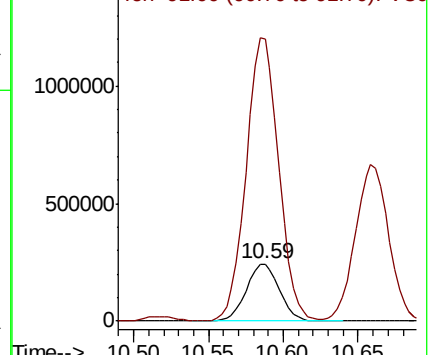
120 100

91 488.2 388.1 582.1



Abundance Ion 120.00 (119.70 to 120.70): V

Ion 91.00 (90.70 to 91.70): VU0



#74

2-Chlorotoluene

Concen: 21.441 ug/l

RT: 10.66 min Scan# 2950

Delta R.T. -0.00 min

Lab File: VU028332.D

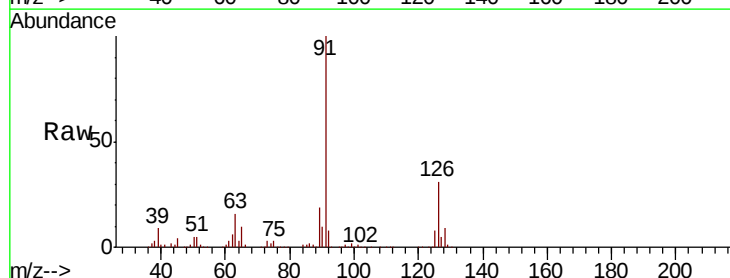
Acq: 26 Nov 2018 11:49

Tgt Ion:126 Resp: 315143

Ion Ratio Lower Upper

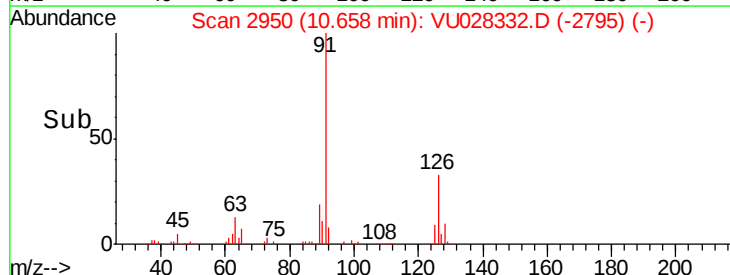
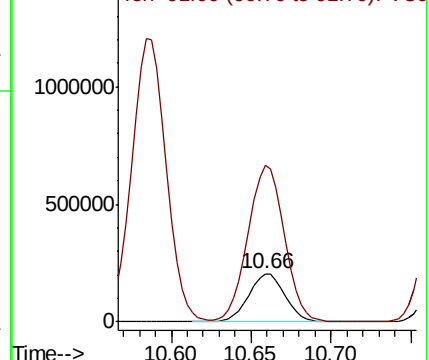
126 100

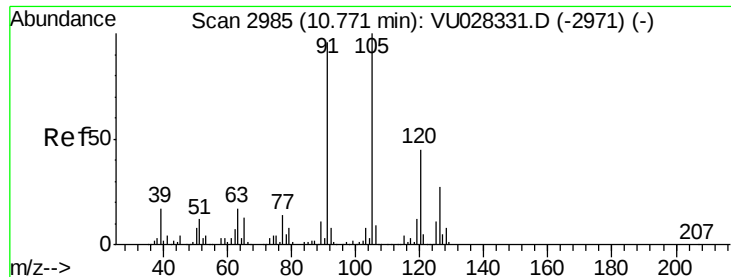
91 325.3 0.0 661.0



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: 21.795 ug/l

RT: 10.77 min Scan# 2985

Delta R.T. -0.00 min

Lab File: VU028332.D

Acq: 26 Nov 2018 11:49

Instrument :

MSVOA_U

ClientSampleId :

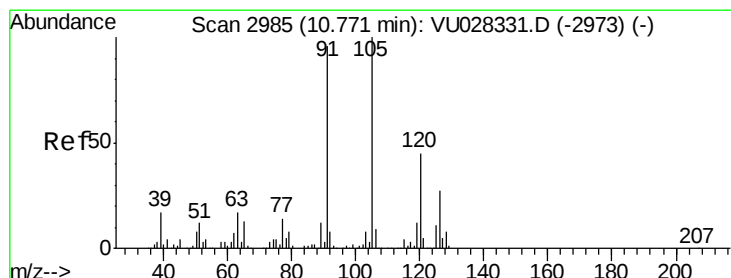
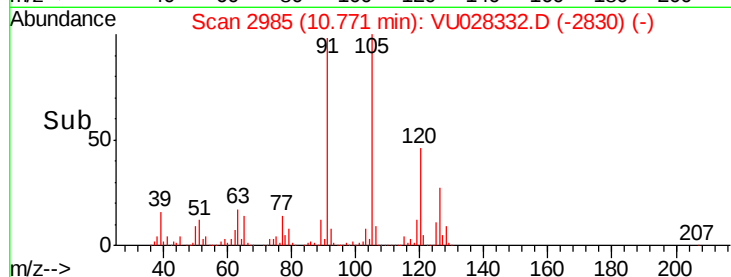
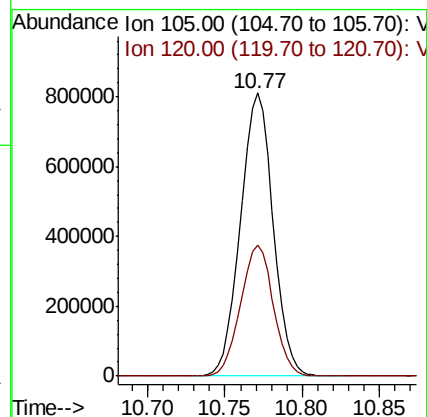
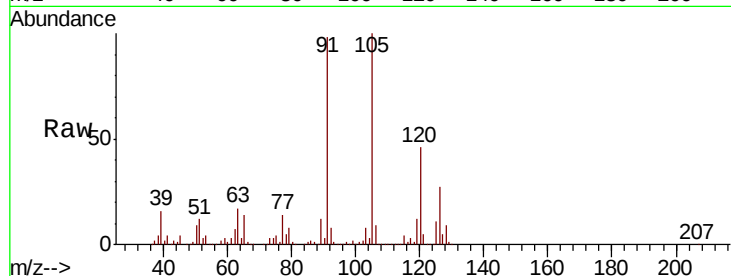
VSTDIC020

Tgt Ion:105 Resp: 1186367

Ion Ratio Lower Upper

105 100

120 46.7 36.3 54.5



#76

4-Chlorotoluene

Concen: 21.974 ug/l

RT: 10.77 min Scan# 2985

Delta R.T. -0.00 min

Lab File: VU028332.D

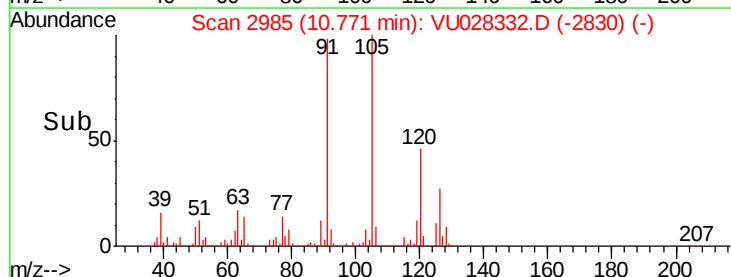
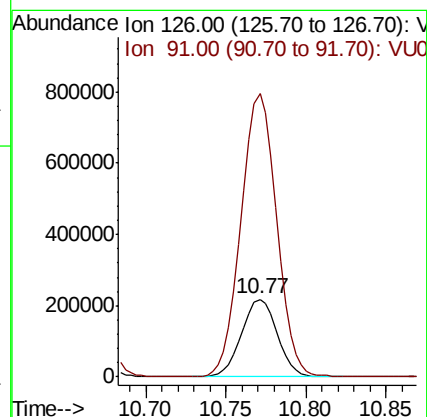
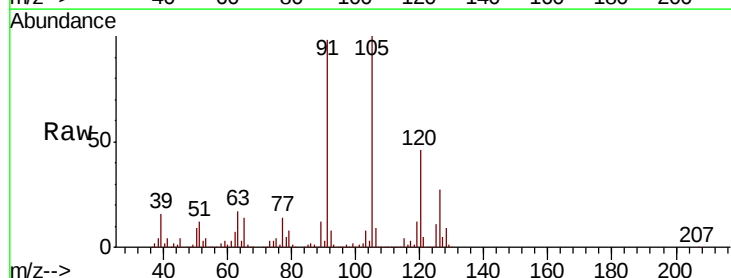
Acq: 26 Nov 2018 11:49

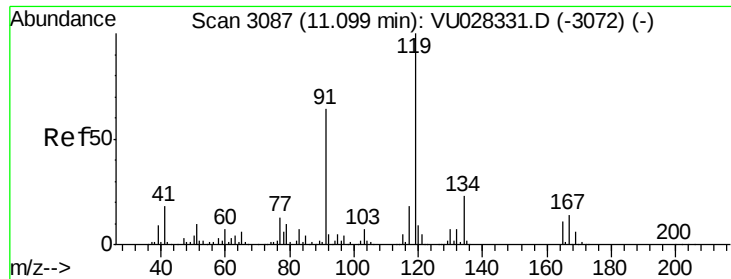
Tgt Ion:126 Resp: 327451

Ion Ratio Lower Upper

126 100

91 368.8 0.0 731.2

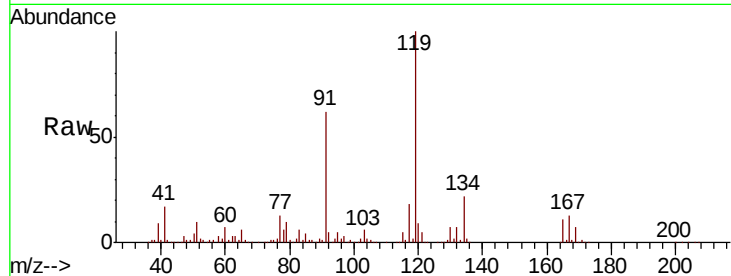




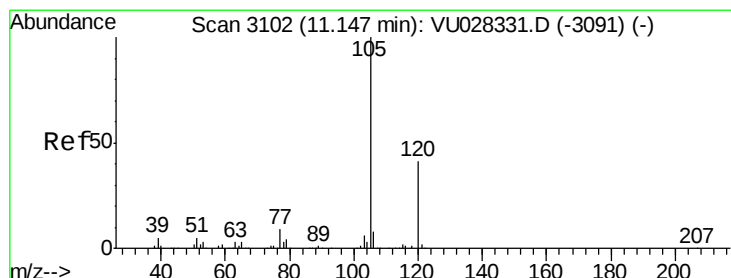
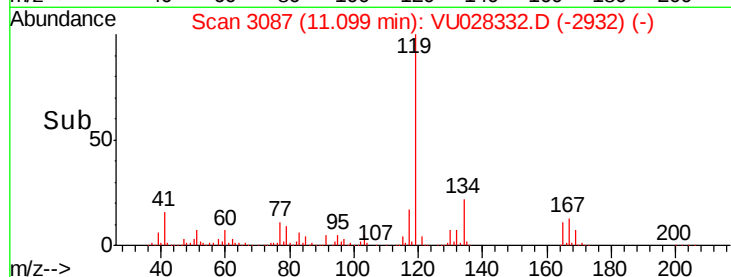
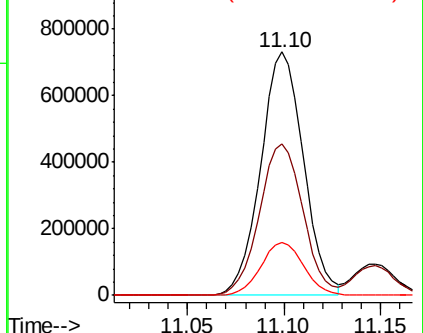
#77
tert-Butylbenzene
Concen: 21.903 ug/l
RT: 11.10 min Scan# 3087
Delta R.T. -0.00 min
Lab File: VU028332.D
Acq: 26 Nov 2018 11:49

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

Tgt Ion:119 Resp: 1122465
Ion Ratio Lower Upper
119 100
91 63.6 32.0 96.0
134 21.9 17.9 26.9

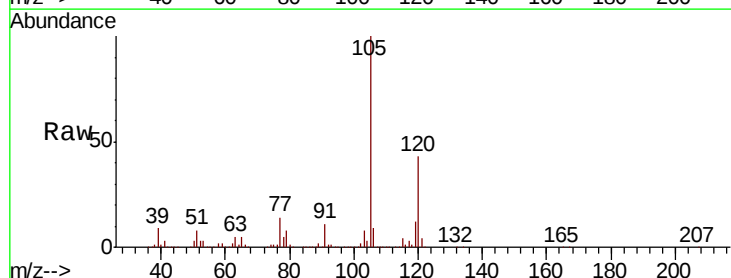


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VU
Ion 134.00 (133.70 to 134.70): V

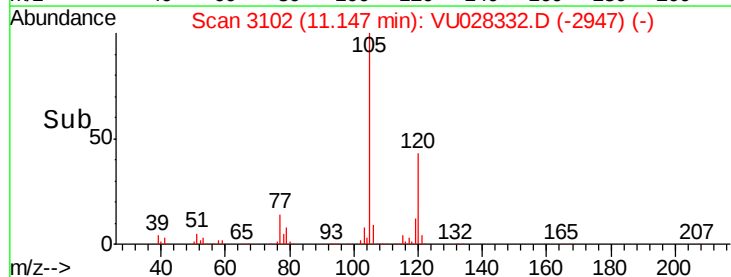
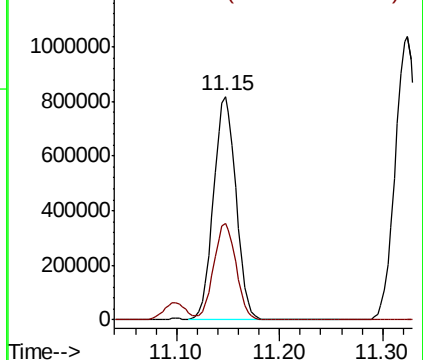


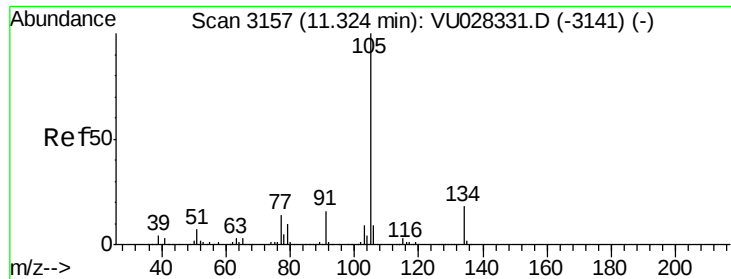
#78
1,2,4-Trimethylbenzene
Concen: 22.063 ug/l
RT: 11.15 min Scan# 3102
Delta R.T. -0.00 min
Lab File: VU028332.D
Acq: 26 Nov 2018 11:49

Tgt Ion:105 Resp: 1230679
Ion Ratio Lower Upper
105 100
120 43.4 21.9 65.8



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V

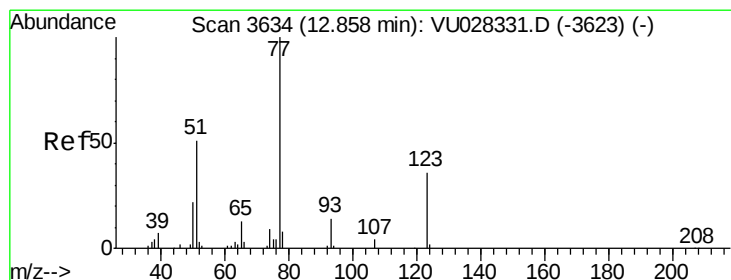
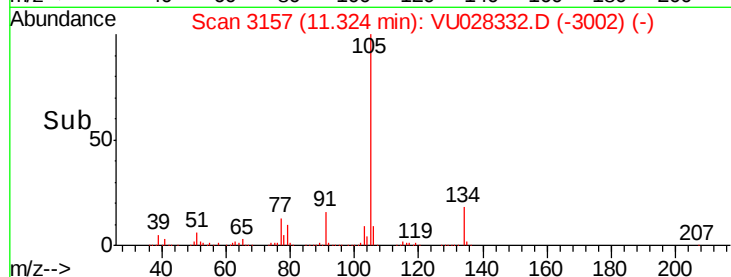
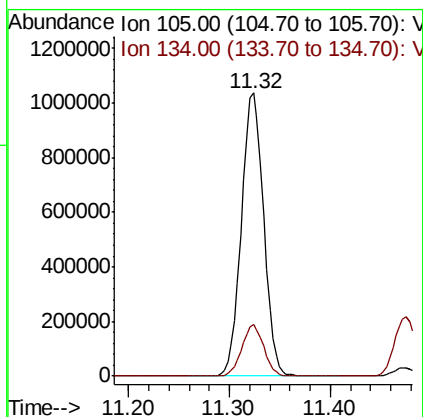
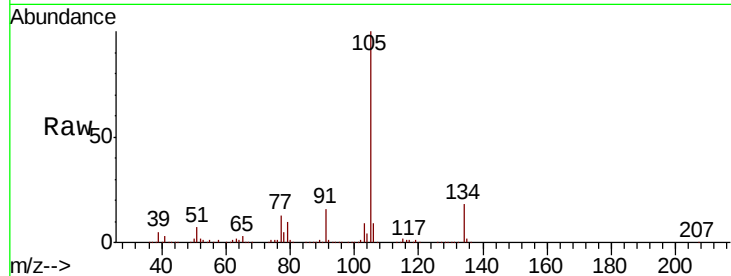




#79
 sec-Butylbenzene
 Concen: 22.119 ug/l
 RT: 11.32 min Scan# 3157
 Delta R.T. -0.00 min
 Lab File: VU028332.D
 Acq: 26 Nov 2018 11:49

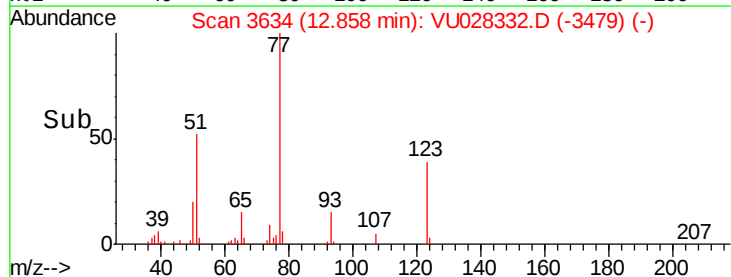
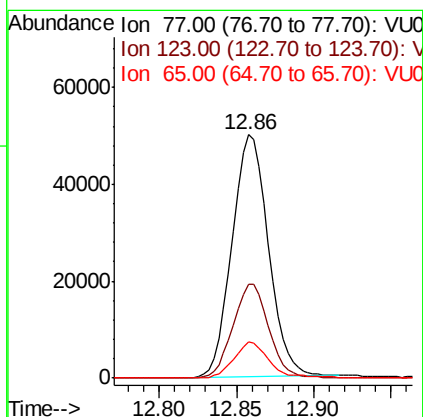
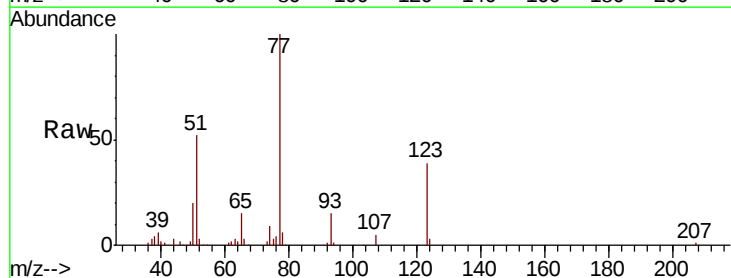
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

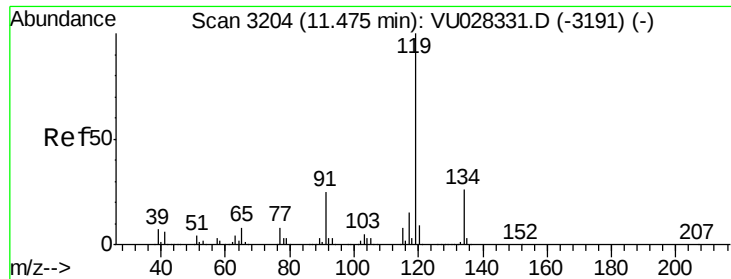
Tgt Ion:105 Resp: 1580179
 Ion Ratio Lower Upper
 105 100
 134 18.0 14.6 22.0



#80
 Nitrobenzene
 Concen: 122.608 ug/l
 RT: 12.86 min Scan# 3634
 Delta R.T. -0.00 min
 Lab File: VU028332.D
 Acq: 26 Nov 2018 11:49

Tgt Ion: 77 Resp: 81908
 Ion Ratio Lower Upper
 77 100
 123 38.0 16.5 58.3
 65 13.6 12.1 15.3

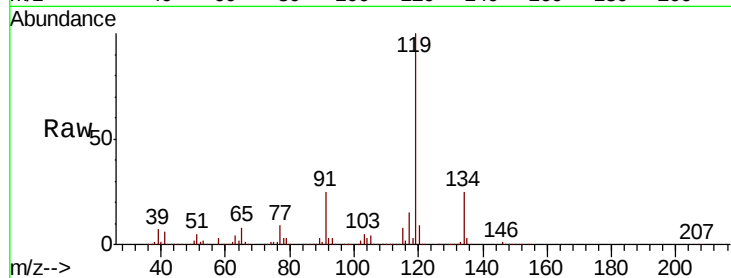




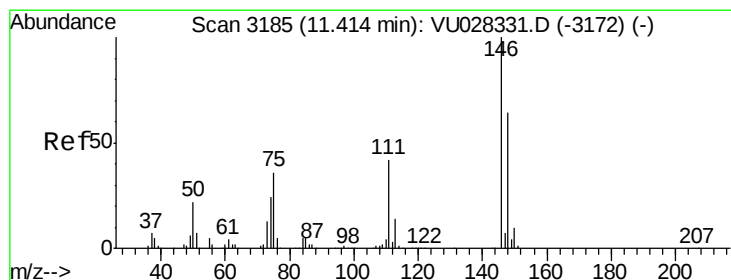
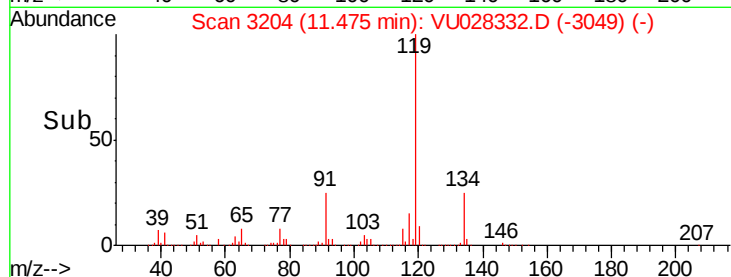
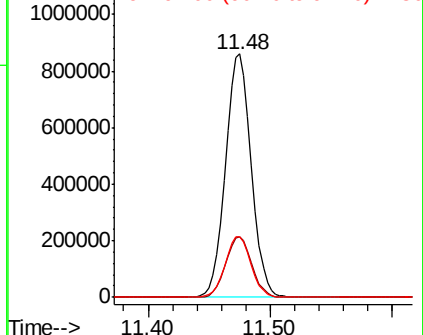
#81
p-Isopropyltoluene
Concen: 22.408 ug/l
RT: 11.48 min Scan# 3204
Delta R.T. -0.00 min
Lab File: VU028332.D
Acq: 26 Nov 2018 11:49

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

Tgt Ion:119 Resp: 1272103
Ion Ratio Lower Upper
119 100
134 25.2 20.3 30.5
91 25.0 20.0 30.0

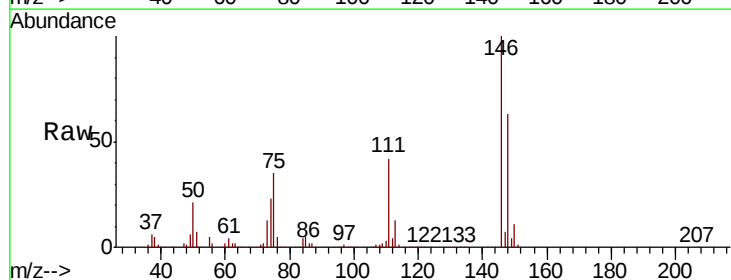


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 134.00 (133.70 to 134.70): V
Ion 91.00 (90.70 to 91.70): V

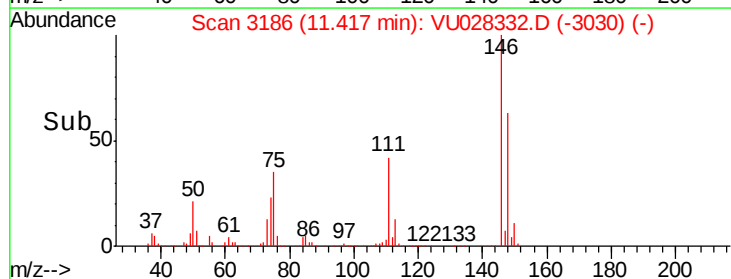
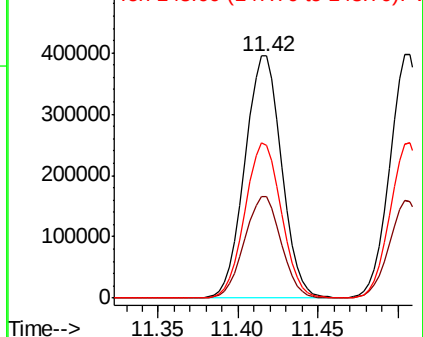


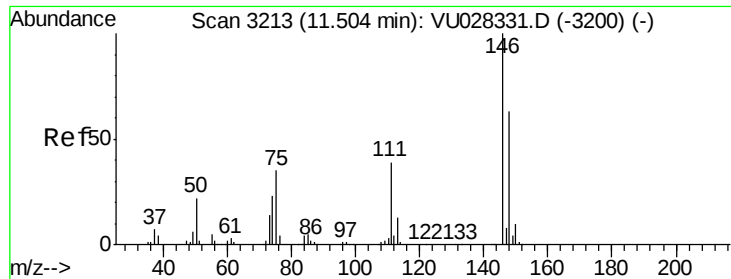
#82
1,3-Dichlorobenzene
Concen: 21.511 ug/l
RT: 11.42 min Scan# 3186
Delta R.T. 0.00 min
Lab File: VU028332.D
Acq: 26 Nov 2018 11:49

Tgt Ion:146 Resp: 618524
Ion Ratio Lower Upper
146 100
111 41.9 33.4 50.2
148 63.8 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

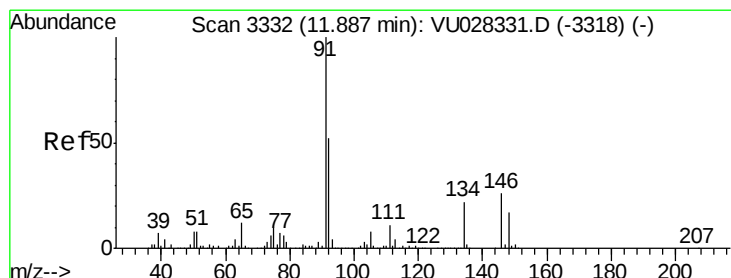
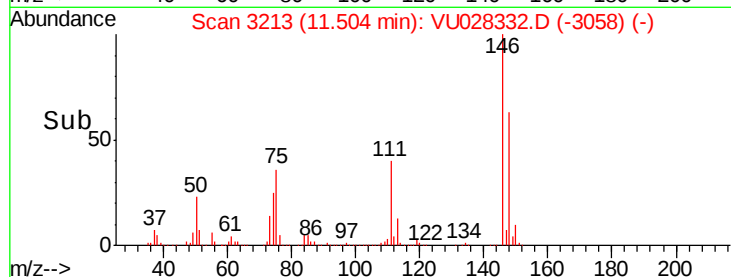
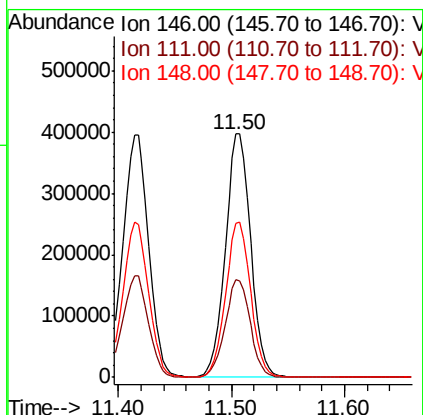
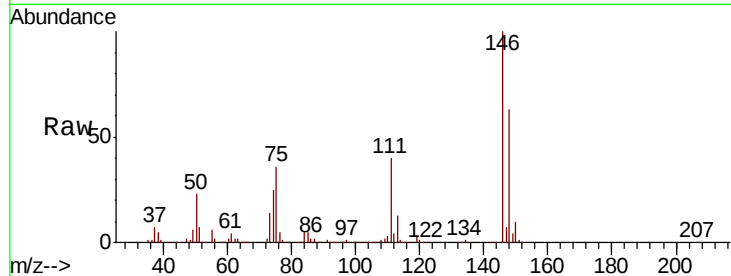




#83
 1,4-Dichlorobenzene
 Concen: 21.597 ug/l
 RT: 11.50 min Scan# 3213
 Delta R.T. -0.00 min
 Lab File: VU028332.D
 Acq: 26 Nov 2018 11:49

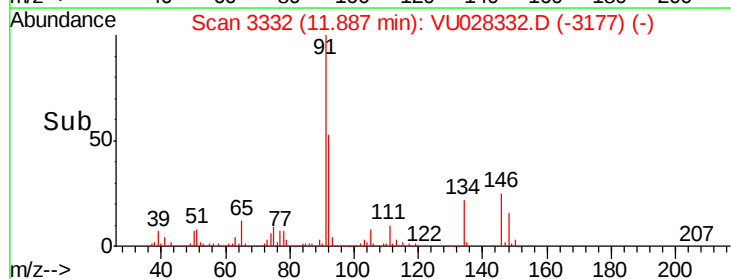
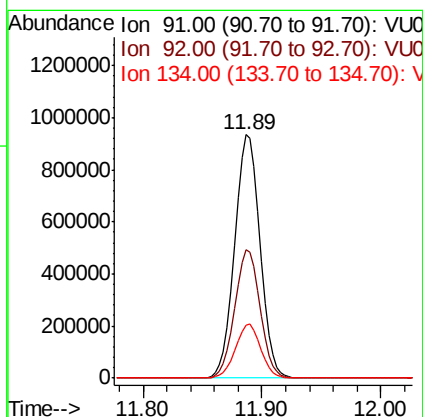
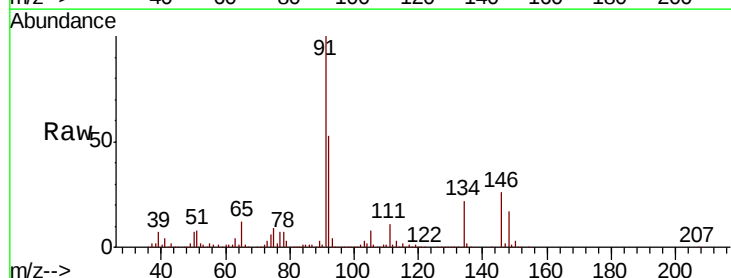
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

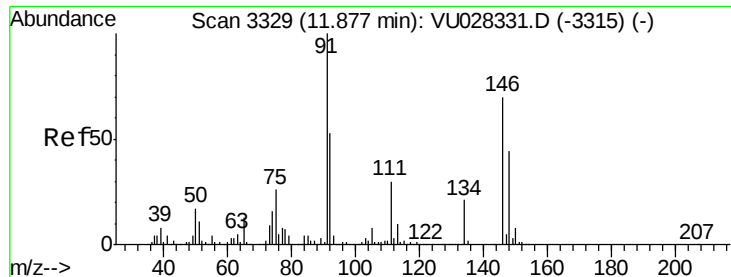
Tgt Ion: 146 Resp: 618101
 Ion Ratio Lower Upper
 146 100
 111 40.0 31.4 47.2
 148 63.1 50.7 76.1



#84
 n-Butylbenzene
 Concen: 23.154 ug/l
 RT: 11.89 min Scan# 3332
 Delta R.T. -0.00 min
 Lab File: VU028332.D
 Acq: 26 Nov 2018 11:49

Tgt Ion: 91 Resp: 1380044
 Ion Ratio Lower Upper
 91 100
 92 52.6 41.6 62.4
 134 22.0 17.8 26.6

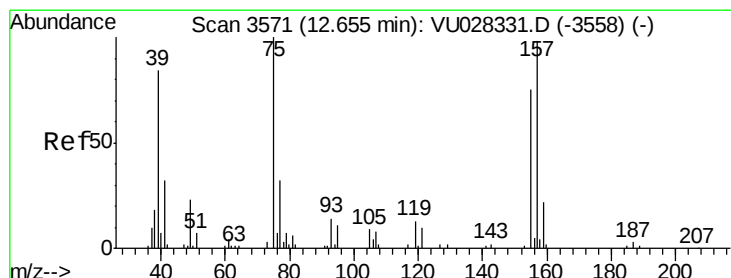
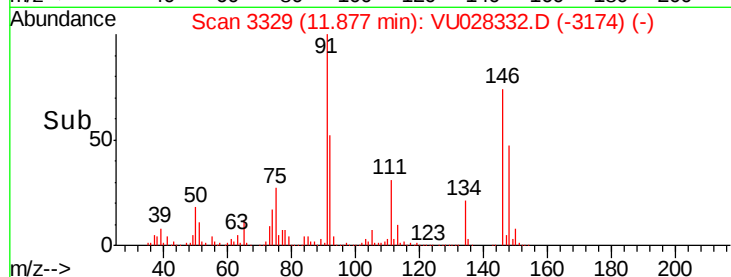
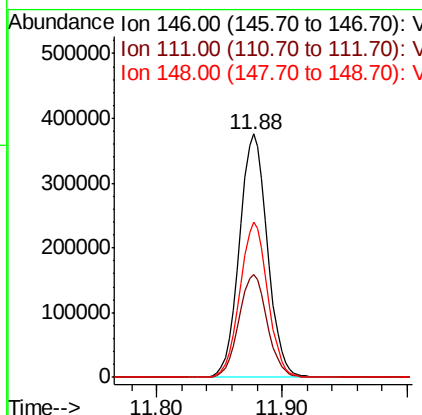
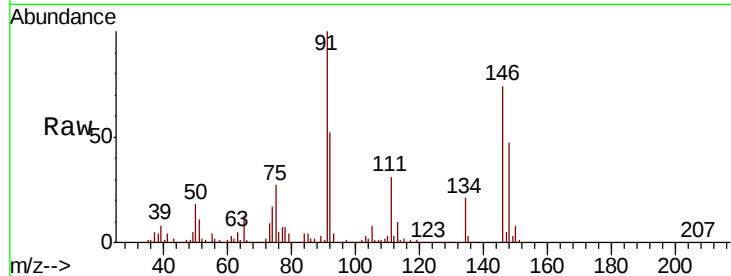




#85
 1,2-Dichlorobenzene
 Concen: 21.257 ug/l
 RT: 11.88 min Scan# 3329
 Delta R.T. -0.00 min
 Lab File: VU028332.D
 Acq: 26 Nov 2018 11:49

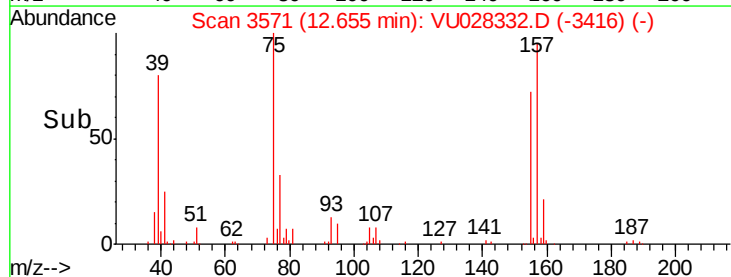
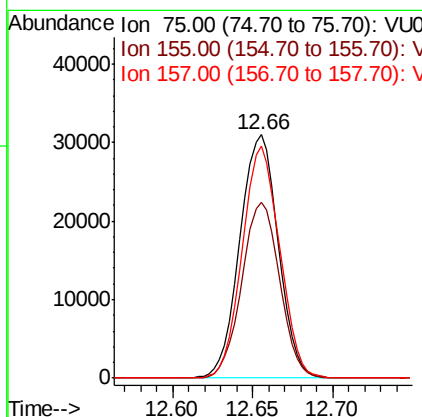
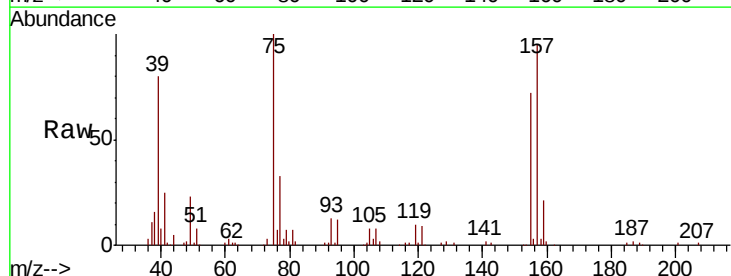
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

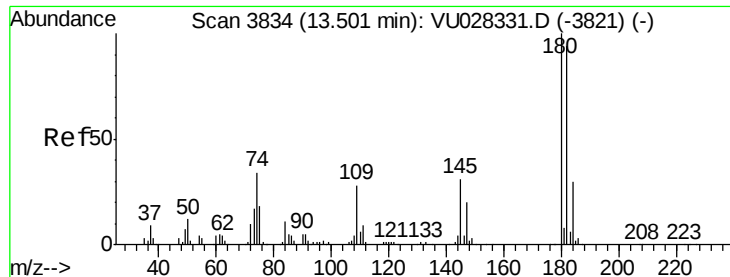
Tgt Ion: 146 Resp: 581785
 Ion Ratio Lower Upper
 146 100
 111 43.0 21.4 64.3
 148 63.6 31.4 94.2



#86
 1,2-Dibromo-3-Chloropropane
 Concen: 21.245 ug/l
 RT: 12.66 min Scan# 3571
 Delta R.T. -0.00 min
 Lab File: VU028332.D
 Acq: 26 Nov 2018 11:49

Tgt Ion: 75 Resp: 50677
 Ion Ratio Lower Upper
 75 100
 155 71.2 57.0 85.4
 157 92.7 75.4 113.2

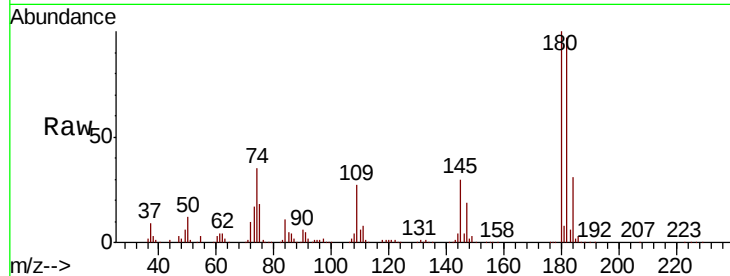




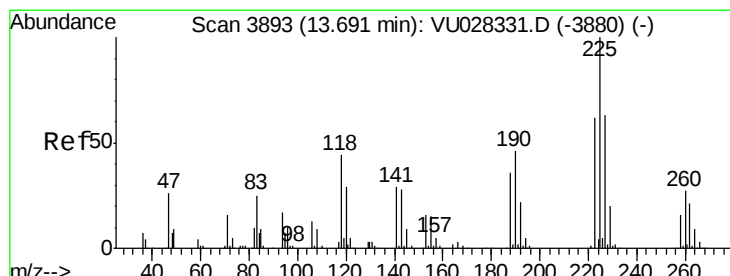
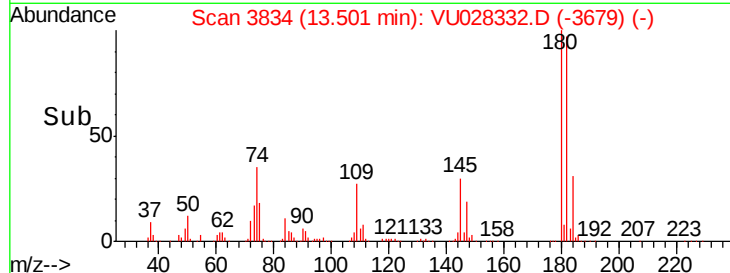
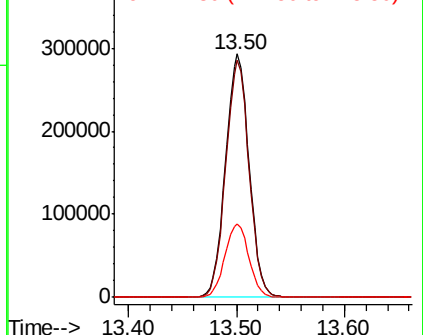
#87
 1,2,4-Trichlorobenzene
 Concen: 23.174 ug/l
 RT: 13.50 min Scan# 3834
 Delta R.T. -0.00 min
 Lab File: VU028332.D
 Acq: 26 Nov 2018 11:49

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

Tgt Ion:180 Resp: 445872
 Ion Ratio Lower Upper
 180 100
 182 96.5 75.6 113.4
 145 30.6 24.4 36.6

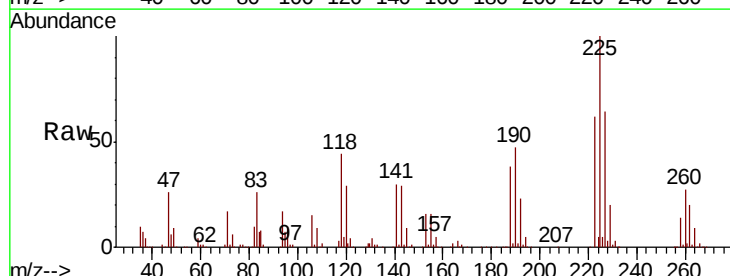


Abundance Ion 179.70 (179.40 to 180.40): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

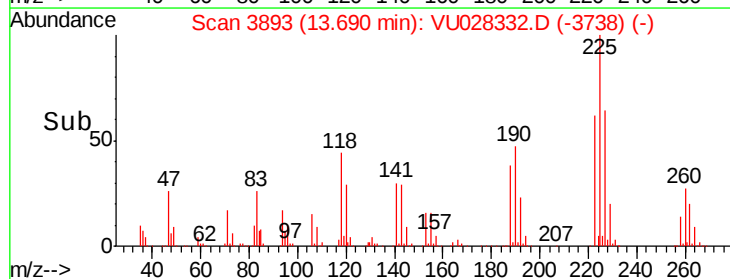
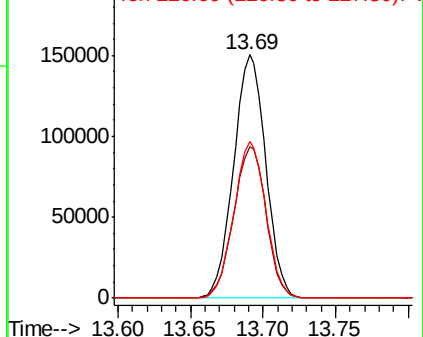


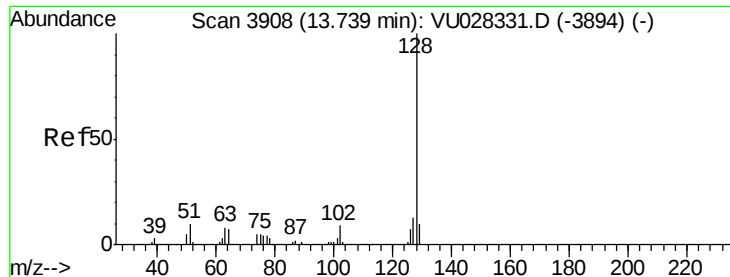
#88
 Hexachlorobutadiene
 Concen: 22.177 ug/l
 RT: 13.69 min Scan# 3893
 Delta R.T. -0.00 min
 Lab File: VU028332.D
 Acq: 26 Nov 2018 11:49

Tgt Ion:225 Resp: 230857
 Ion Ratio Lower Upper
 225 100
 223 62.7 50.6 76.0
 227 64.1 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: 22.935 ug/l

RT: 13.74 min Scan# 3908

Delta R.T. -0.00 min

Lab File: VU028332.D

Acq: 26 Nov 2018 11:49

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC020

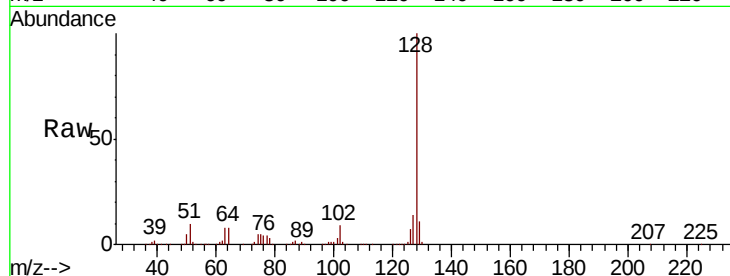
Tgt Ion:128 Resp: 872098

Ion Ratio Lower Upper

128 100

127 13.4 10.3 15.5

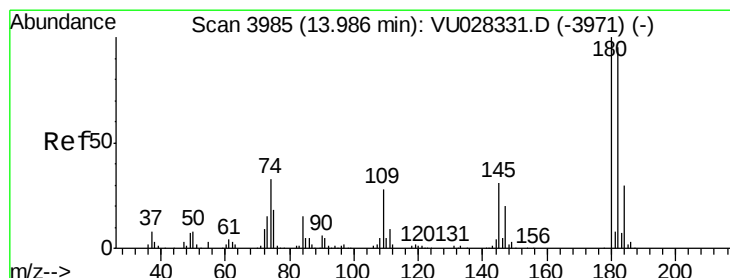
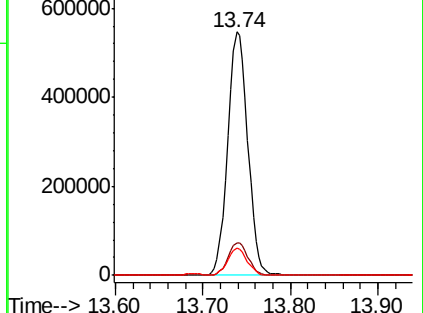
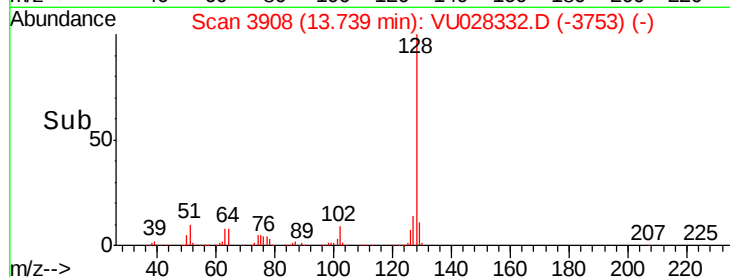
129 10.8 8.2 12.4



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: 22.237 ug/l

RT: 13.99 min Scan# 3985

Delta R.T. -0.00 min

Lab File: VU028332.D

Acq: 26 Nov 2018 11:49

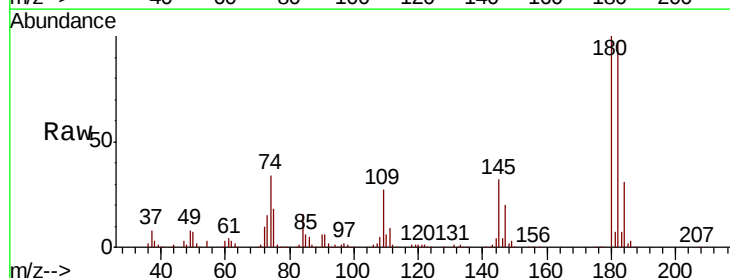
Tgt Ion:180 Resp: 403428

Ion Ratio Lower Upper

180 100

182 96.4 76.1 114.1

145 32.2 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

