

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091019\
 Data File : VU034435.D
 Acq On : 10 Sep 2019 08:54
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 11 05:50:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U090619W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 06 05:10:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	257700	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.86	114	355962	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	355575	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	248377	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	195645	50.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.36%	
35) Dibromofluoromethane	4.86	113	176955	53.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.84%	
50) Toluene-d8	7.54	98	665809	53.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.00%	
62) 4-Bromofluorobenzene	10.29	95	254530	52.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.96%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	133579	49.562	ug/l	99
3) Chloromethane	1.32	50	145671	50.028	ug/l	97
4) Vinyl Chloride	1.40	62	155928	46.428	ug/l	99
5) Bromomethane	1.61	94	93986	55.617	ug/l	99
6) Chloroethane	1.69	64	103712	53.194	ug/l	99
7) Trichlorofluoromethane	1.87	101	229453	50.954	ug/l	98
8) Diethyl Ether	2.09	74	99958	50.463	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.28	101	153267	51.388	ug/l	99
10) Methyl Iodide	2.40	142	126195	46.535	ug/l	99
11) Tert butyl alcohol	2.81	59	219506	266.477	ug/l	99
12) 1,1-Dichloroethene	2.27	96	138954	49.559	ug/l	94
13) Acrolein	2.18	56	108205	156.289	ug/l	99
14) Allyl chloride	2.58	41	226696	42.292	ug/l	90
15) Acrylonitrile	2.92	53	531887	259.294	ug/l	99
16) Acetone	2.31	43	614740	304.666	ug/l	99
17) Carbon Disulfide	2.46	76	273392	43.385	ug/l	100
18) Methyl Acetate	2.60	43	236512	48.172	ug/l	98
19) Methyl tert-butyl Ether	2.98	73	536646	52.511	ug/l	100
20) Methylene Chloride	2.68	84	178916	54.169	ug/l	99
21) trans-1,2-Dichloroethene	2.96	96	146894	49.716	ug/l	95
22) Diisopropyl ether	3.55	45	554788	53.073	ug/l	99
23) Vinyl Acetate	3.50	43	2251038	264.364	ug/l	99
24) 1,1-Dichloroethane	3.42	63	312125	49.998	ug/l	100
25) 2-Butanone	4.23	43	770096	285.916	ug/l	99
26) 2,2-Dichloropropane	4.20	77	263721	52.525	ug/l	99
27) cis-1,2-Dichloroethene	4.20	96	183402	51.108	ug/l	100
28) Bromochloromethane	4.52	49	151996	52.935	ug/l	98
29) Tetrahydrofuran	4.61	42	419411	255.899	ug/l	99
30) Chloroform	4.65	83	319223	50.307	ug/l	99
31) Cyclohexane	4.97	56	218696	47.886	ug/l	99
32) 1,1,1-Trichloroethane	4.89	97	262254	51.692	ug/l	99
36) 1,1-Dichloropropene	5.12	75	200191	51.857	ug/l	99
37) Ethyl Acetate	4.36	43	242922	53.222	ug/l	99
38) Carbon Tetrachloride	5.11	117	225354	54.672	ug/l	99

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 VSTDCCC050

Quant Time: Sep 11 05:50:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U090619W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 06 05:10:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.40	83	215622	52.249	ug/l	100
40) Benzene	5.37	78	664578	53.351	ug/l	100
41) Methacrylonitrile	4.52	41	134291	55.236	ug/l	98
42) 1,2-Dichloroethane	5.38	62	232823	53.833	ug/l	99
43) Isopropyl Acetate	5.53	43	375599	52.751	ug/l	99
44) Trichloroethene	6.16	130	180772	52.443	ug/l	99
45) 1,2-Dichloropropane	6.41	63	195978	53.816	ug/l	96
46) Dibromomethane	6.54	93	122995	53.807	ug/l	98
47) Bromodichloromethane	6.73	83	256765	54.570	ug/l	99
48) Methyl methacrylate	6.60	41	180213	53.289	ug/l	99
49) 1,4-Dioxane	6.59	88	89191	1207.782	ug/l	99
51) 4-Methyl-2-Pentanone	7.44	43	1321755	268.179	ug/l	99
52) Toluene	7.61	92	427875	54.756	ug/l	99
53) t-1,3-Dichloropropene	7.86	75	271283	55.618	ug/l	99
54) cis-1,3-Dichloropropene	7.25	75	297908	55.649	ug/l	99
55) 1,1,2-Trichloroethane	8.04	97	197146	55.562	ug/l	99
56) Ethyl methacrylate	8.00	69	268242	49.774	ug/l	100
57) 1,3-Dichloropropane	8.22	76	314136	54.370	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.11	63	451654	247.800	ug/l	100
59) 2-Hexanone	8.34	43	1068632	290.236	ug/l	100
60) Dibromochloromethane	8.46	129	215692	56.674	ug/l	98
61) 1,2-Dibromoethane	8.57	107	191723	55.206	ug/l	99
64) Tetrachloroethene	8.21	164	156655	50.783	ug/l	97
65) Chlorobenzene	9.10	112	491785	54.515	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.19	131	190693	55.390	ug/l	99
67) Ethyl Benzene	9.23	91	818084	55.463	ug/l	99
68) m/p-Xylenes	9.35	106	657879	118.445	ug/l	99
69) o-Xylene	9.76	106	311357	57.321	ug/l	98
70) Styrene	9.77	104	583325	61.251	ug/l	99
71) Bromoform	9.94	173	170662	57.198	ug/l #	99
73) Isopropylbenzene	10.14	105	872437	53.975	ug/l	99
74) N-amyl acetate	9.99	43	354452	54.478	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.43	83	333227	50.931	ug/l	99
76) 1,2,3-Trichloropropane	10.47	75	363510	67.048	ug/l	85
77) Bromobenzene	10.43	156	237315	52.508	ug/l	99
78) n-propylbenzene	10.57	91	1030632	55.210	ug/l	100
79) 2-Chlorotoluene	10.64	91	620466	54.474	ug/l	100
80) 1,3,5-Trimethylbenzene	10.75	105	785111	58.077	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.47	75	365361	226.627	ug/l #	100
82) 4-Chlorotoluene	10.75	91	725014	55.312	ug/l	100
83) tert-Butylbenzene	11.08	119	745134	55.099	ug/l	99
84) 1,2,4-Trimethylbenzene	11.12	105	788301	57.930	ug/l	99
85) sec-Butylbenzene	11.30	105	903824	56.611	ug/l	100
86) p-Isopropyltoluene	11.45	119	850717	57.731	ug/l	100
87) 1,3-Dichlorobenzene	11.40	146	445870	54.063	ug/l	99
88) 1,4-Dichlorobenzene	11.49	146	453122	52.675	ug/l	99
89) n-Butylbenzene	11.87	91	745660	58.228	ug/l	100
90) Hexachloroethane	12.12	117	131379	55.726	ug/l	99
91) 1,2-Dichlorobenzene	11.85	146	438071	54.048	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.64	75	67174	55.872	ug/l	99

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ClientSampleId :
VSTDCCC050

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Quant Title : SW846 8260
QLast Update : Fri Sep 06 05:10:13 2019
Response via : Initial Calibration

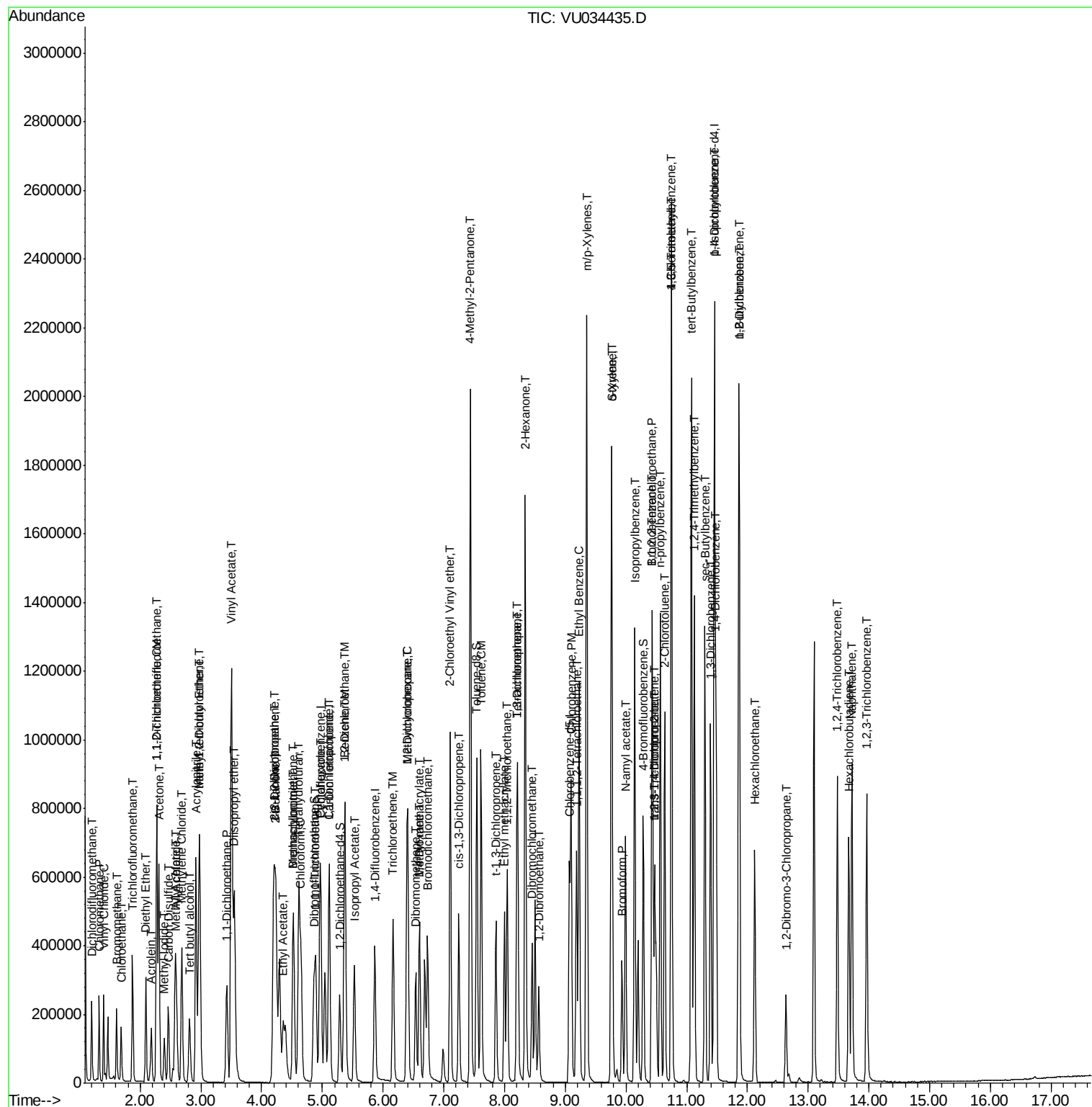
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.48	180	301678	51.229	ug/l	99
94) Hexachlorobutadiene	13.67	225	150237	52.990	ug/l	99
95) Naphthalene	13.72	128	784183	47.580	ug/l	99
96) 1,2,3-Trichlorobenzene	13.96	180	296620	52.123	ug/l	100

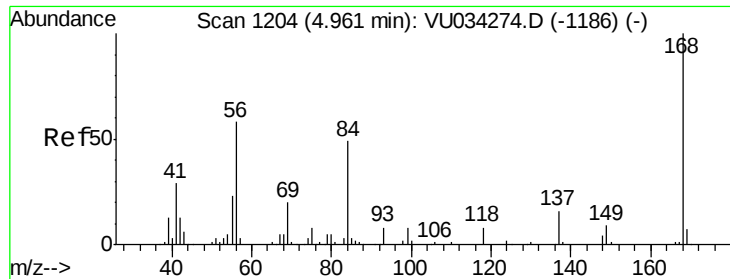
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Sep 06 05:10:13 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.96 min Scan# 1204

Delta R.T. -0.00 min

Lab File: VU034435.D

Acq: 10 Sep 2019 08:54

Instrument :

MSVOA_U

ClientSampleId :

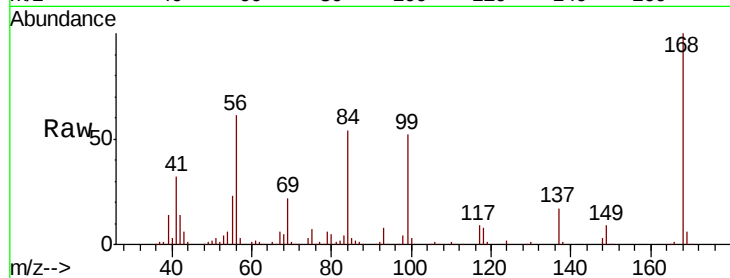
VSTDCCC050

Tgt Ion:168 Resp: 257700

Ion Ratio Lower Upper

168 100

99 51.6 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): VU034274.D (-1186) (-)

Ion 98.90 (98.60 to 99.60): VU034274.D (-1186) (-)

4.96

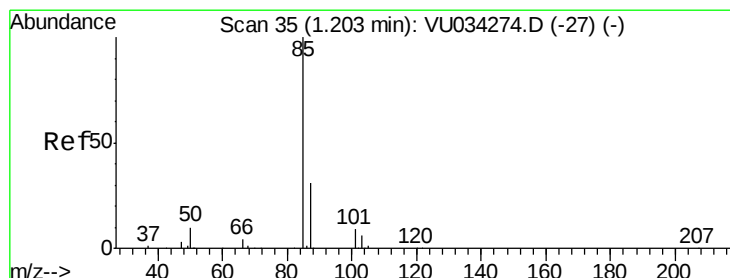
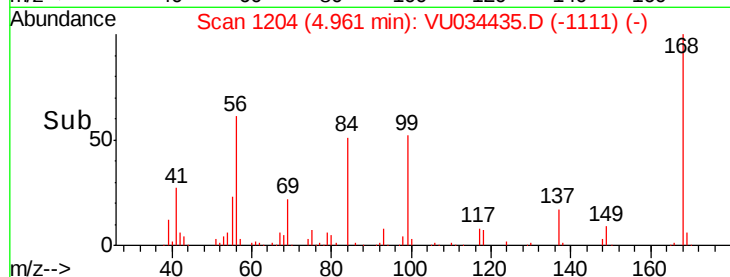
100000

50000

0

4.90 5.00 5.10

Time-->



#2

Dichlorodifluoromethane

Concen: 49.562 ug/l

RT: 1.20 min Scan# 35

Delta R.T. -0.00 min

Lab File: VU034435.D

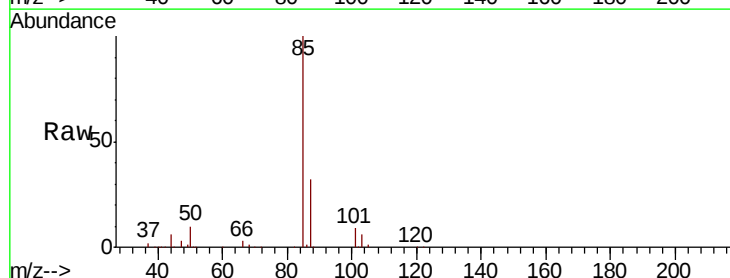
Acq: 10 Sep 2019 08:54

Tgt Ion: 85 Resp: 133579

Ion Ratio Lower Upper

85 100

87 32.0 15.7 47.0



Abundance Ion 84.90 (84.60 to 85.60): VU034274.D (-27) (-)

Ion 86.90 (86.60 to 87.60): VU034274.D (-27) (-)

1.20

150000

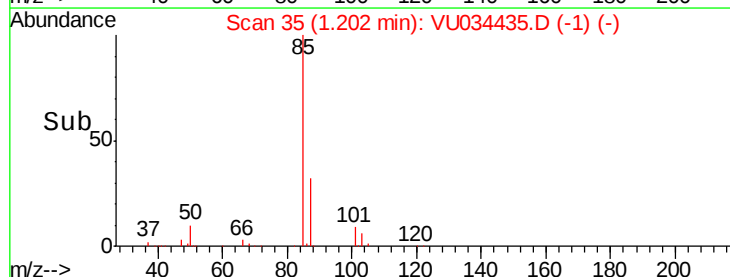
100000

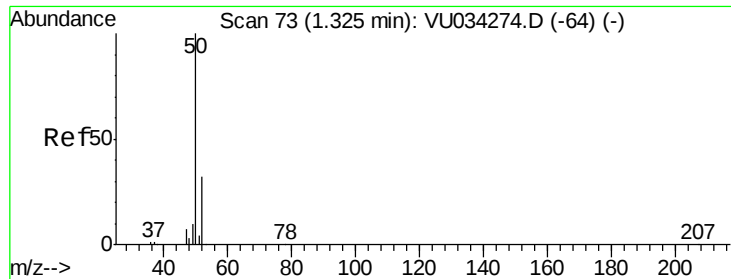
50000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 50.028 ug/l

RT: 1.32 min Scan# 73

Delta R.T. 0.00 min

Lab File: VU034435.D

Acq: 10 Sep 2019 08:54

Instrument :

MSVOA_U

ClientSampleId :

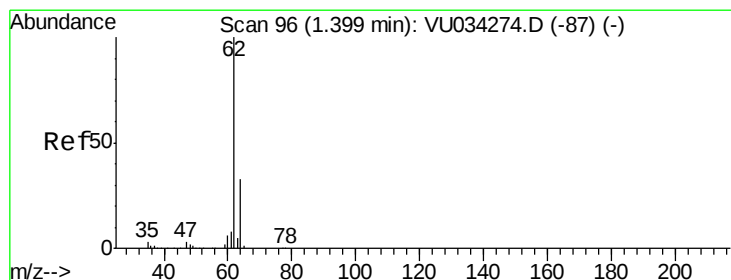
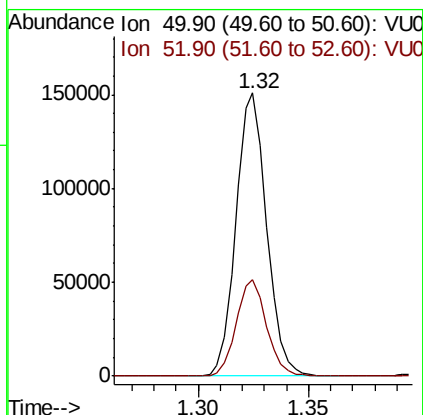
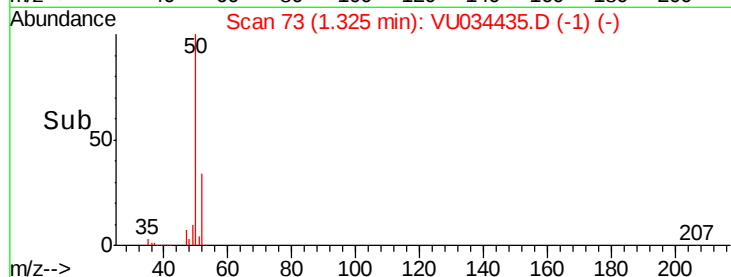
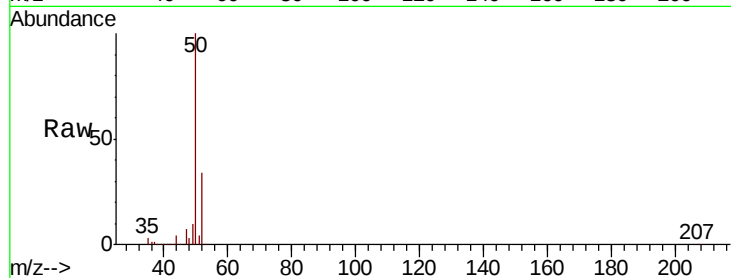
VSTDCCC050

Tgt Ion: 50 Resp: 145671

Ion Ratio Lower Upper

50 100

52 34.0 25.8 38.6



#4

Vinyl Chloride

Concen: 46.428 ug/l

RT: 1.40 min Scan# 96

Delta R.T. -0.00 min

Lab File: VU034435.D

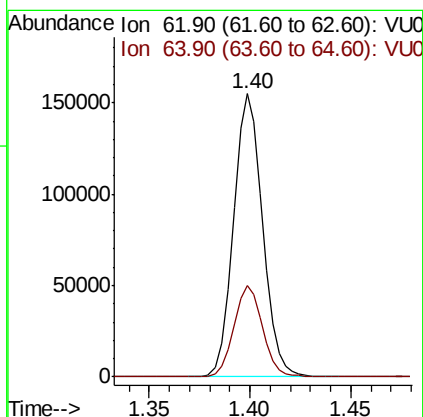
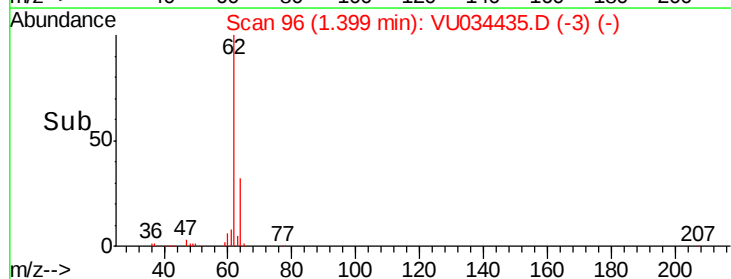
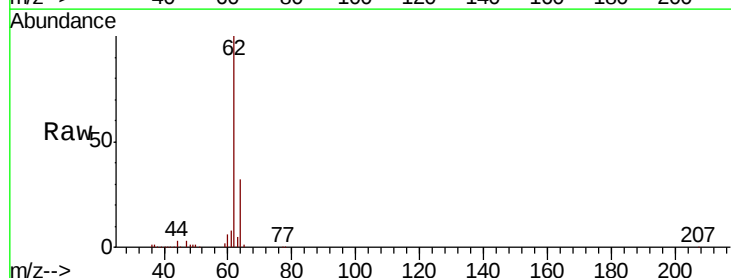
Acq: 10 Sep 2019 08:54

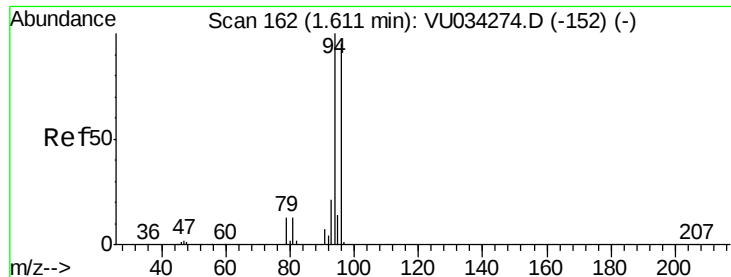
Tgt Ion: 62 Resp: 155928

Ion Ratio Lower Upper

62 100

64 32.1 26.2 39.4





#5

Bromomethane

Concen: 55.617 ug/l

RT: 1.61 min Scan# 162

Delta R.T. 0.00 min

Lab File: VU034435.D

Acq: 10 Sep 2019 08:54

Instrument :

MSVOA_U

ClientSampleId :

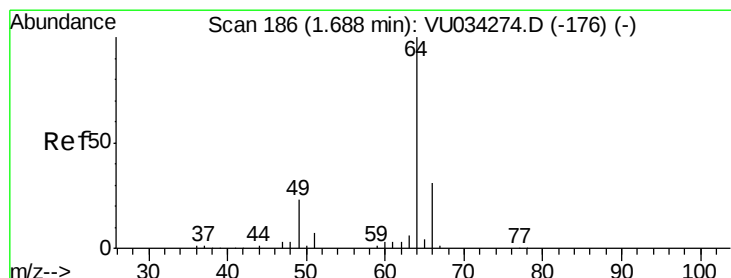
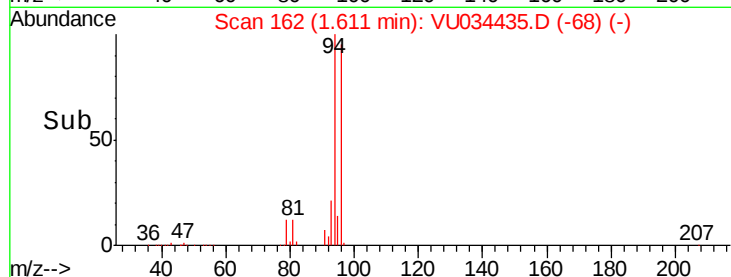
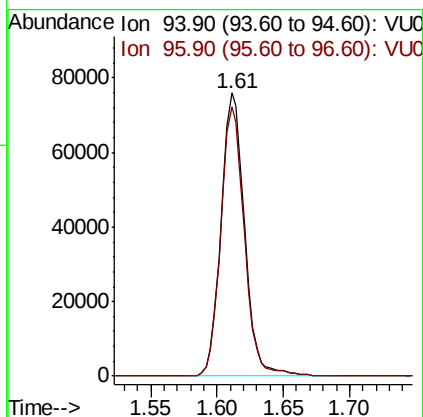
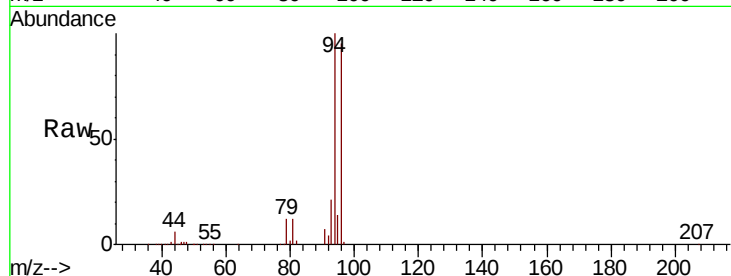
VSTDCCC050

Tgt Ion: 94 Resp: 93986

Ion Ratio Lower Upper

94 100

96 95.2 75.7 113.5



#6

Chloroethane

Concen: 53.194 ug/l

RT: 1.69 min Scan# 186

Delta R.T. 0.00 min

Lab File: VU034435.D

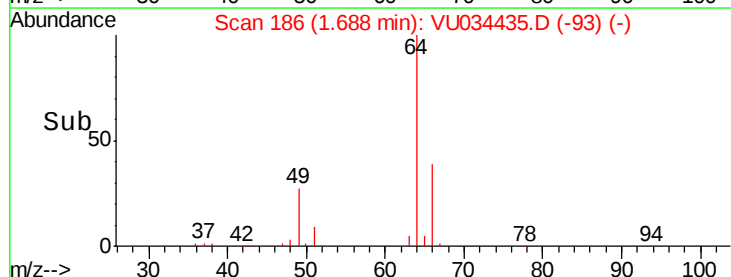
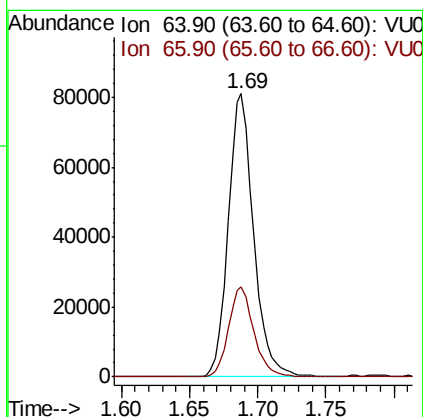
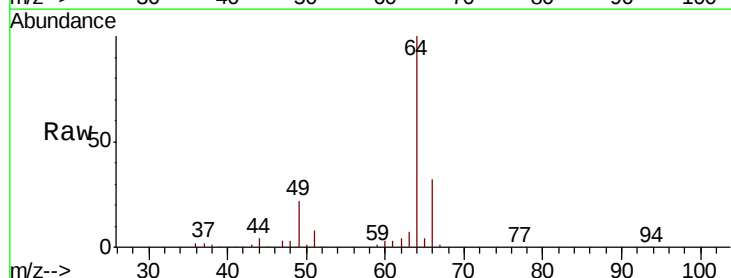
Acq: 10 Sep 2019 08:54

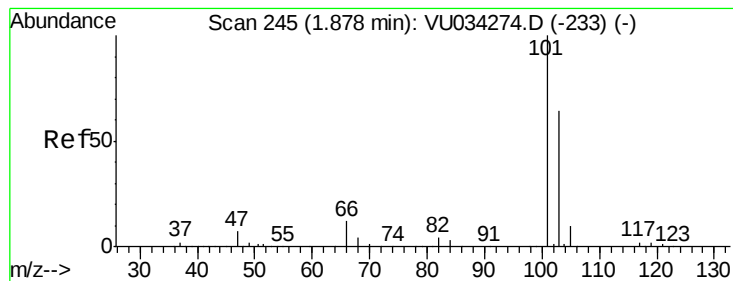
Tgt Ion: 64 Resp: 103712

Ion Ratio Lower Upper

64 100

66 31.7 25.0 37.6



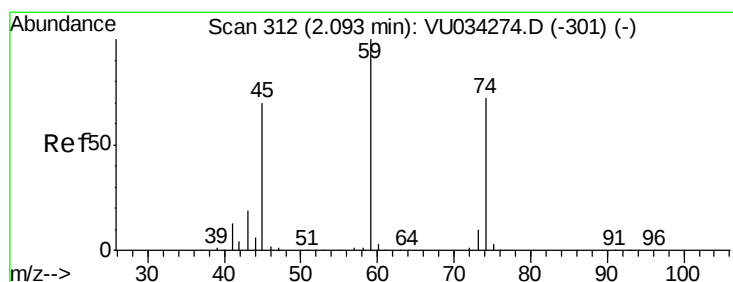
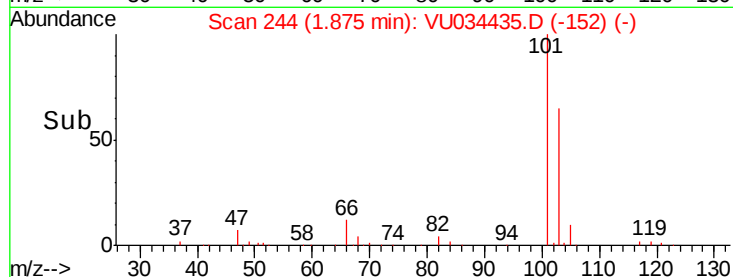
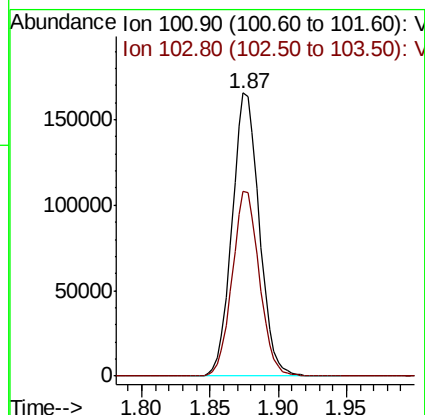
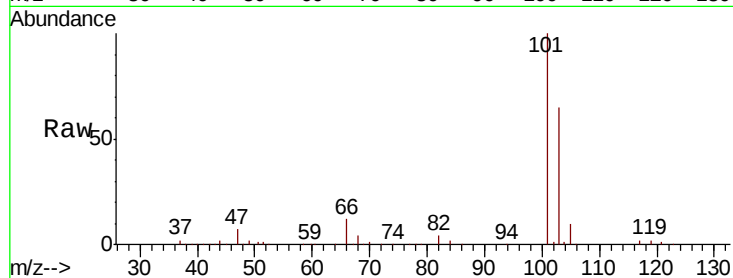


#7

Trichlorofluoromethane
 Concen: 50.954 ug/l
 RT: 1.87 min Scan# 244
 Delta R.T. -0.00 min
 Lab File: VU034435.D
 Acq: 10 Sep 2019 08:54

Instrument :
 MSVOA_U
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 VSTDCCC050

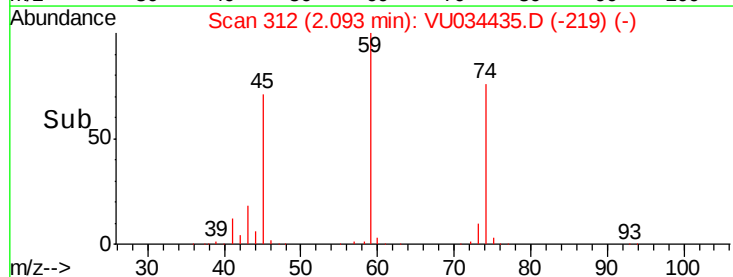
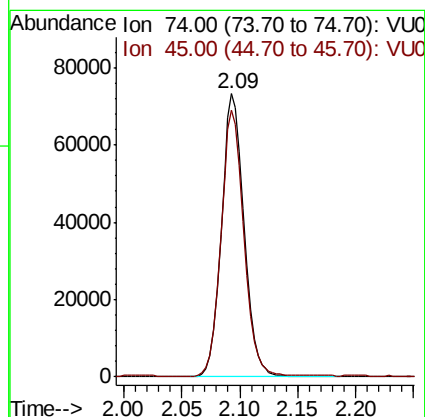
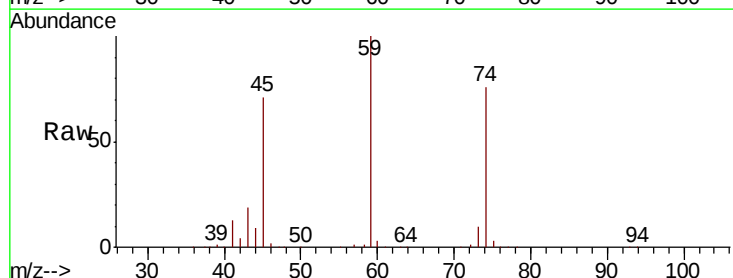
Tgt Ion:101 Resp: 229453
 Ion Ratio Lower Upper
 101 100
 103 65.2 51.0 76.6



#8

Diethyl Ether
 Concen: 50.463 ug/l
 RT: 2.09 min Scan# 312
 Delta R.T. -0.00 min
 Lab File: VU034435.D
 Acq: 10 Sep 2019 08:54

Tgt Ion: 74 Resp: 99958
 Ion Ratio Lower Upper
 74 100
 45 94.8 48.2 144.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.388 ug/l

RT: 2.28 min Scan# 369

Delta R.T. 0.00 min

Lab File: VU034435.D

Acq: 10 Sep 2019 08:54

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

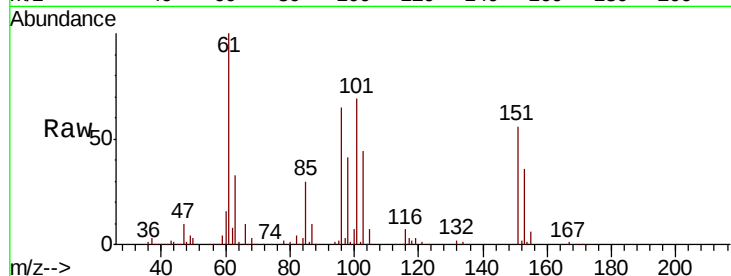
Tgt Ion:101 Resp: 153267

Ion Ratio Lower Upper

101 100

85 43.0 34.4 51.6

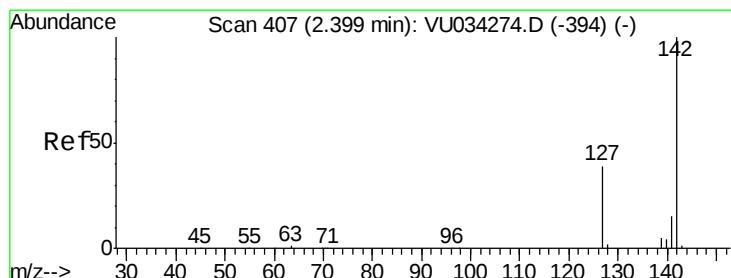
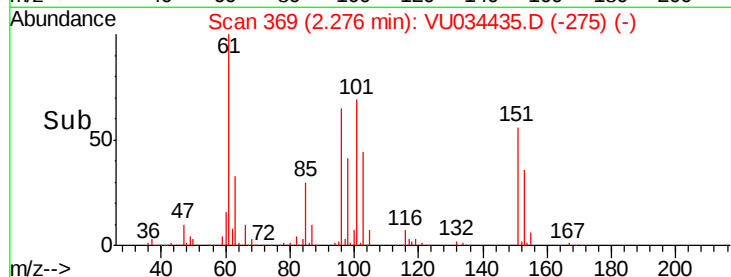
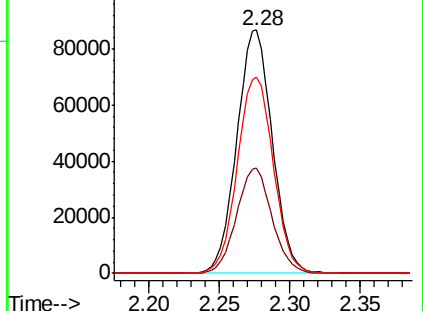
151 82.0 64.4 96.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VU0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 46.535 ug/l

RT: 2.40 min Scan# 407

Delta R.T. 0.00 min

Lab File: VU034435.D

Acq: 10 Sep 2019 08:54

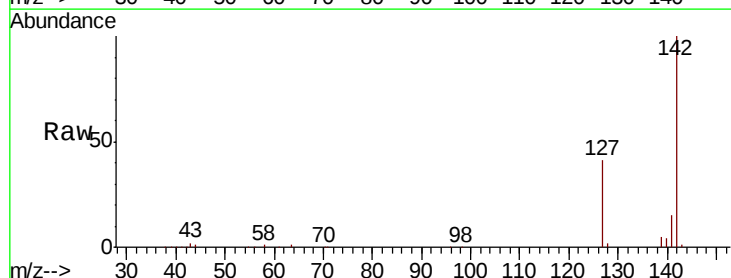
Tgt Ion:142 Resp: 126195

Ion Ratio Lower Upper

142 100

127 41.2 32.1 48.1

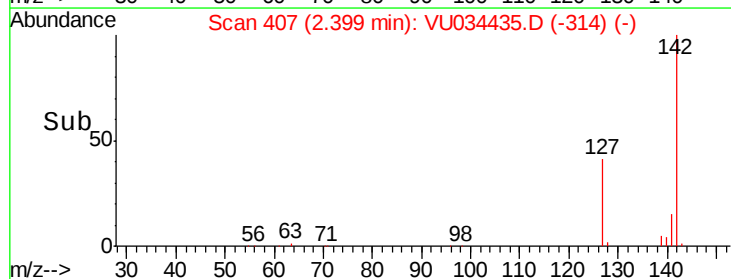
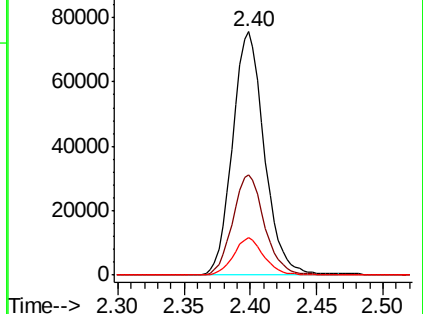
141 14.6 11.5 17.3

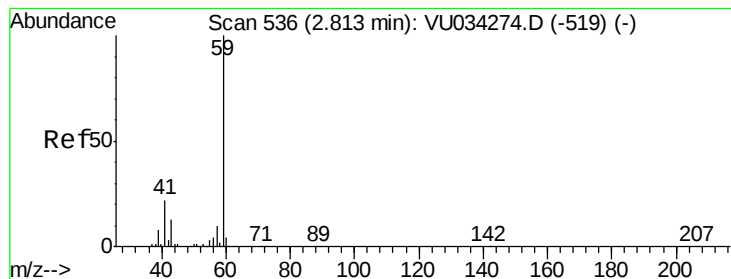


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



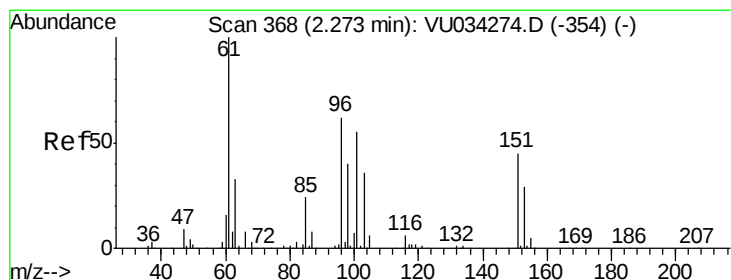
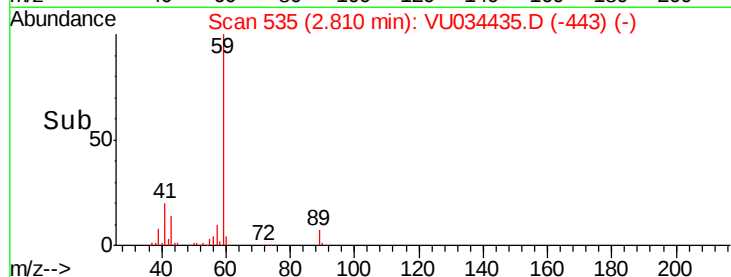
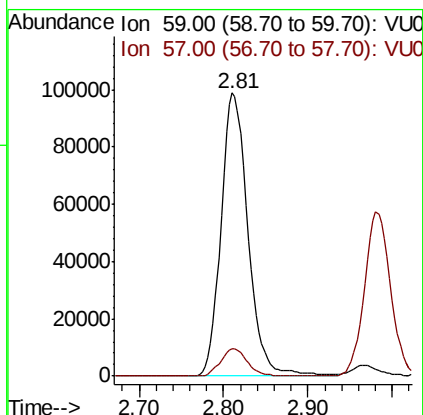
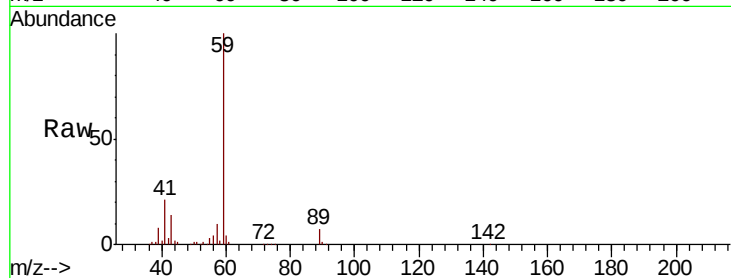


#11

Tert butyl alcohol
 Concen: 266.477 ug/l
 RT: 2.81 min Scan# 535
 Delta R.T. -0.00 min
 Lab File: VU034435.D
 Acq: 10 Sep 2019 08:54

Instrument :
 MSVOA_U
 ClientSampled :
 VSTDCCC050

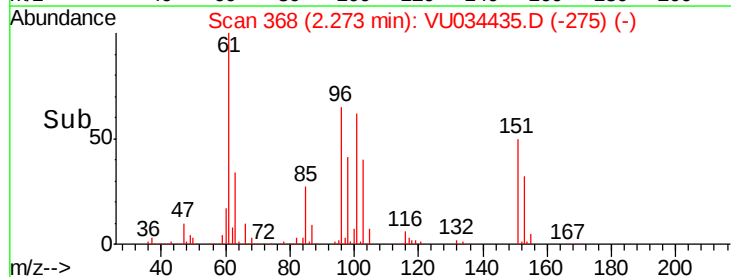
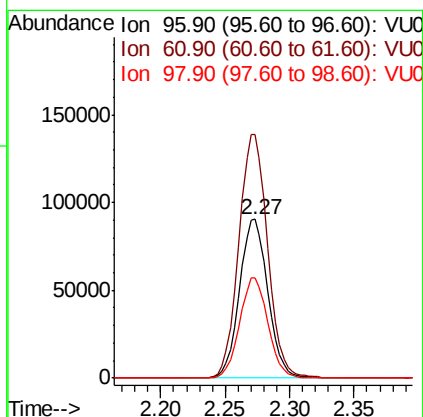
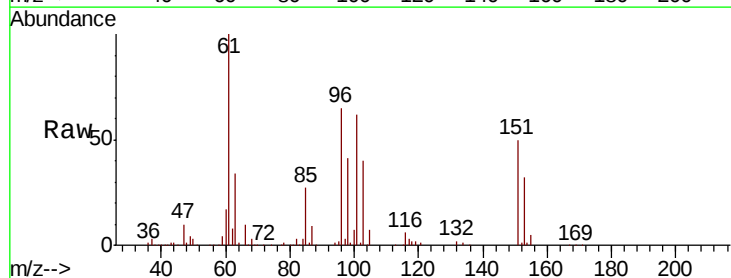
Tgt Ion: 59 Resp: 219506
 Ion Ratio Lower Upper
 59 100
 57 9.5 7.9 11.9

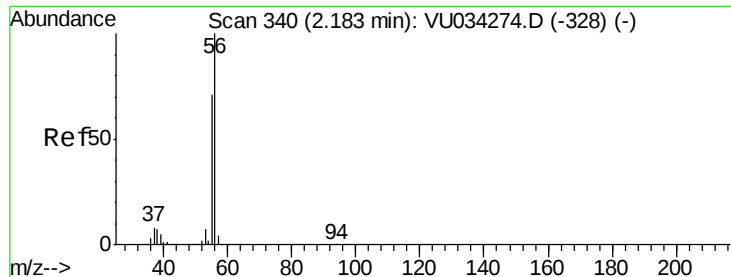


#12

1,1-Dichloroethene
 Concen: 49.559 ug/l
 RT: 2.27 min Scan# 368
 Delta R.T. -0.00 min
 Lab File: VU034435.D
 Acq: 10 Sep 2019 08:54

Tgt Ion: 96 Resp: 138954
 Ion Ratio Lower Upper
 96 100
 61 153.4 130.0 195.0
 98 63.4 52.2 78.4





#13

Acrolein

Concen: 156.289 ug/l

RT: 2.18 min Scan# 340

Delta R.T. -0.00 min

Lab File: VU034435.D

Acq: 10 Sep 2019 08:54

Instrument :

MSVOA_U

ClientSampleId :

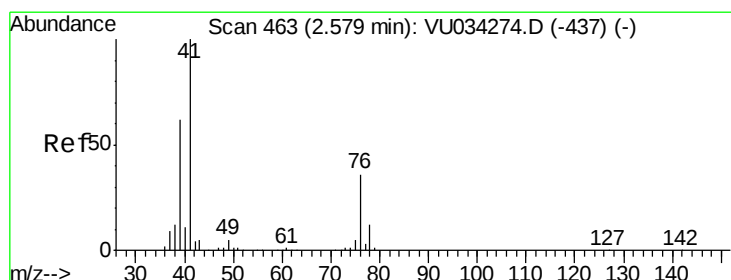
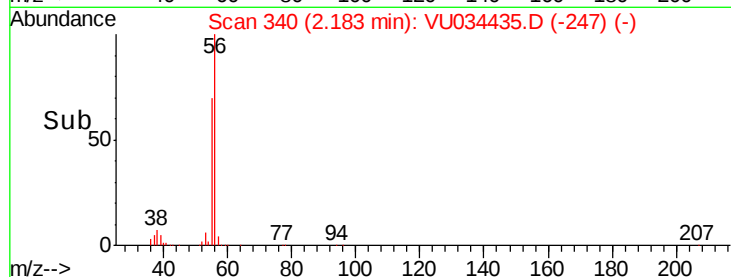
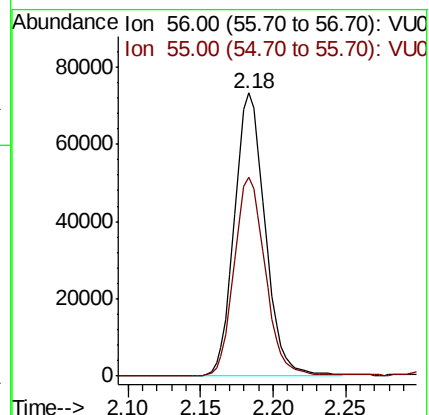
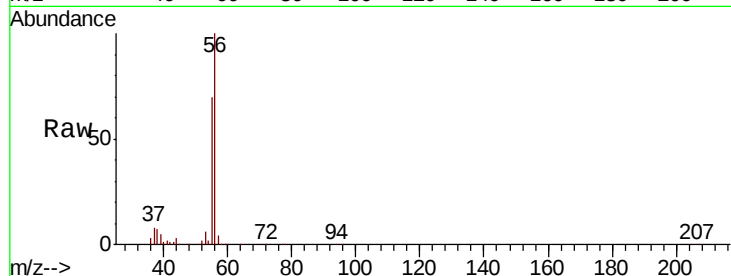
VSTDCCC050

Tgt Ion: 56 Resp: 108205

Ion Ratio Lower Upper

56 100

55 71.2 57.4 86.2



#14

Allyl chloride

Concen: 42.292 ug/l

RT: 2.58 min Scan# 463

Delta R.T. -0.00 min

Lab File: VU034435.D

Acq: 10 Sep 2019 08:54

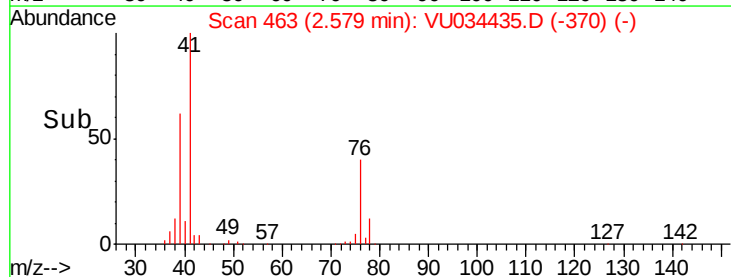
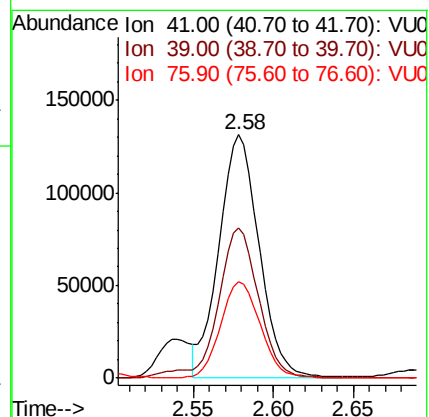
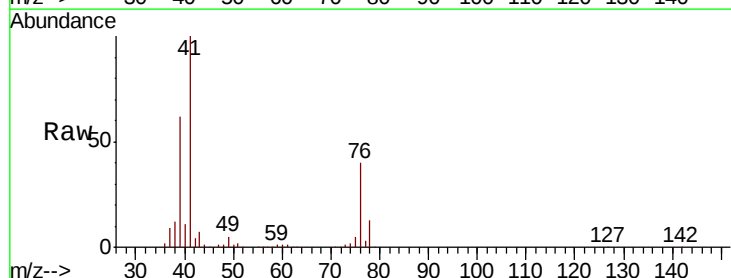
Tgt Ion: 41 Resp: 226696

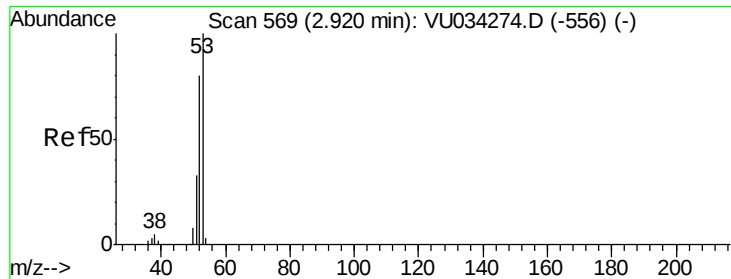
Ion Ratio Lower Upper

41 100

39 62.3 43.5 65.3

76 38.8 27.0 40.6





#15

Acrylonitrile

Concen: 259.294 ug/l

RT: 2.92 min Scan# 568

Delta R.T. -0.00 min

Lab File: VU034435.D

Acq: 10 Sep 2019 08:54

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

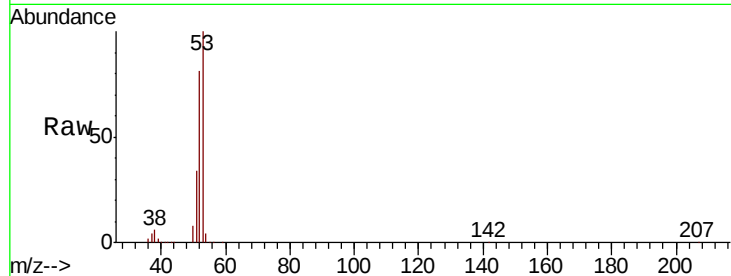
Tgt Ion: 53 Resp: 531887

Ion Ratio Lower Upper

53 100

52 81.5 64.1 96.1

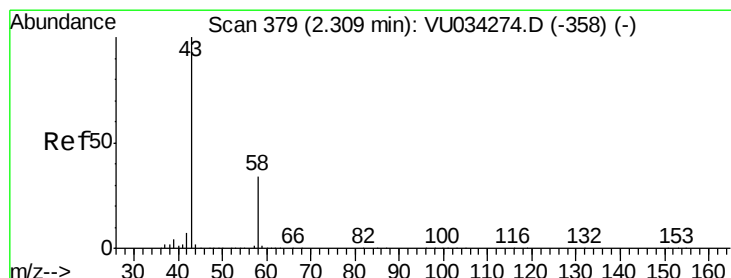
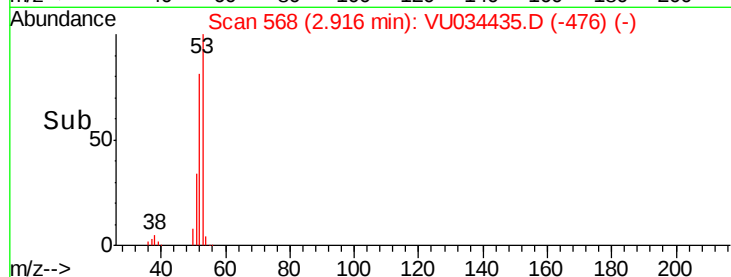
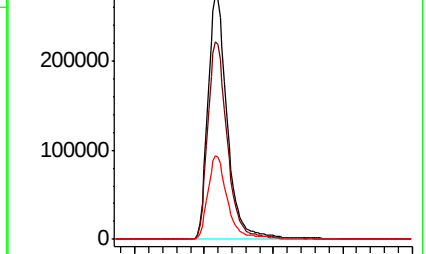
51 34.8 27.4 41.0



Abundance Ion 53.00 (52.70 to 53.70): VU034435.D (-556) (-)

Ion 52.00 (51.70 to 52.70): VU034435.D (-556) (-)

Ion 51.00 (50.70 to 51.70): VU034435.D (-556) (-)



#16

Acetone

Concen: 304.666 ug/l

RT: 2.31 min Scan# 379

Delta R.T. -0.00 min

Lab File: VU034435.D

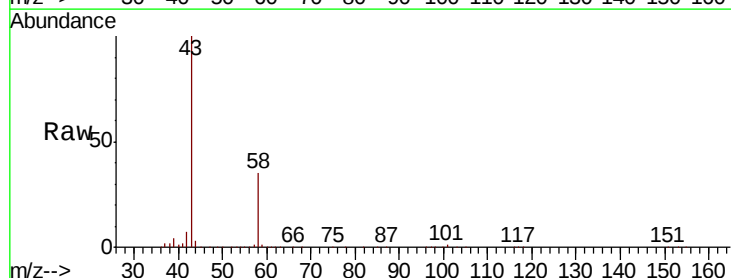
Acq: 10 Sep 2019 08:54

Tgt Ion: 43 Resp: 614740

Ion Ratio Lower Upper

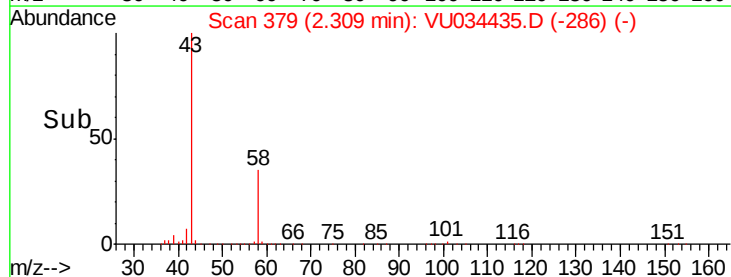
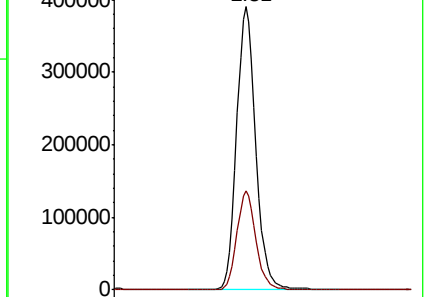
43 100

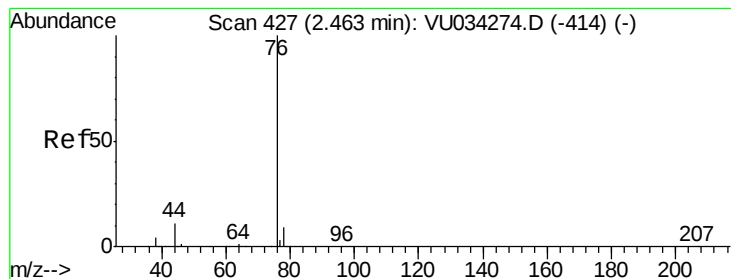
58 35.1 27.6 41.4



Abundance Ion 43.00 (42.70 to 43.70): VU034435.D (-286) (-)

Ion 58.00 (57.70 to 58.70): VU034435.D (-286) (-)





#17

Carbon Disulfide

Concen: 43.385 ug/l

RT: 2.46 min Scan# 427

Delta R.T. -0.00 min

Lab File: VU034435.D

Acq: 10 Sep 2019 08:54

Instrument :

MSVOA_U

ClientSampleId :

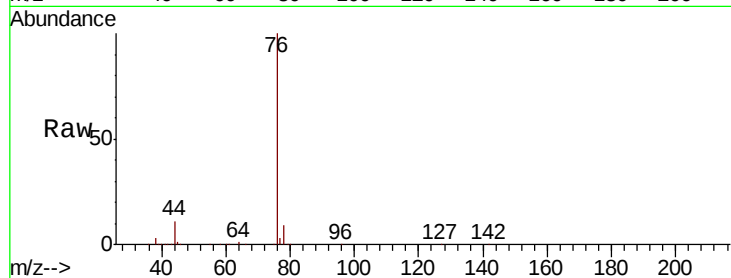
VSTDCCC050

Tgt Ion: 76 Resp: 273392

Ion Ratio Lower Upper

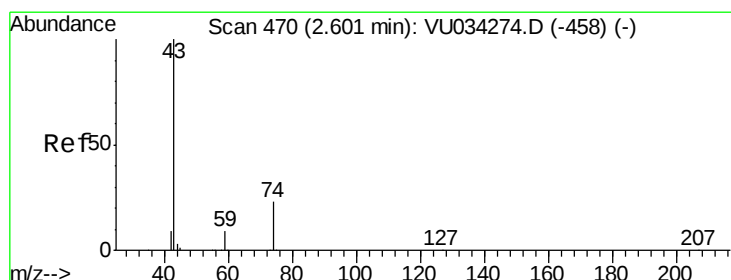
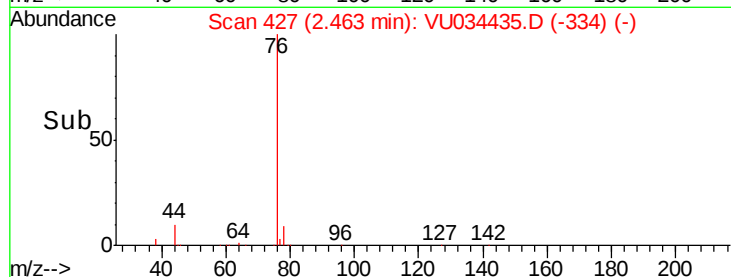
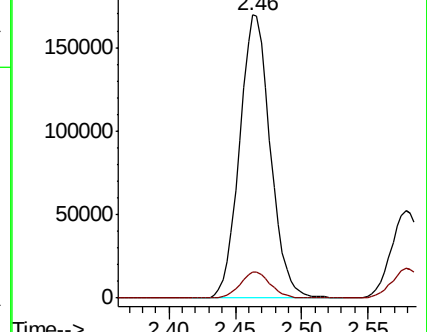
76 100

78 9.1 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VU034435.D (-334) (-)

Ion 77.90 (77.60 to 78.60): VU034435.D (-334) (-)



#18

Methyl Acetate

Concen: 48.172 ug/l

RT: 2.60 min Scan# 470

Delta R.T. -0.00 min

Lab File: VU034435.D

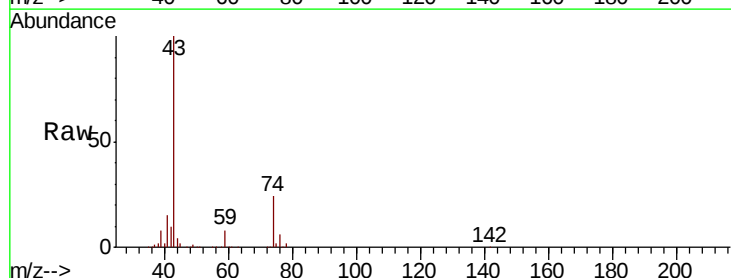
Acq: 10 Sep 2019 08:54

Tgt Ion: 43 Resp: 236512

Ion Ratio Lower Upper

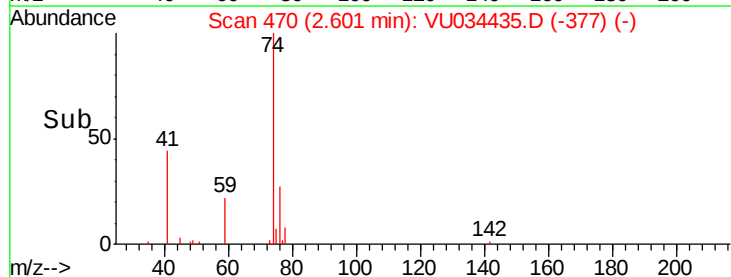
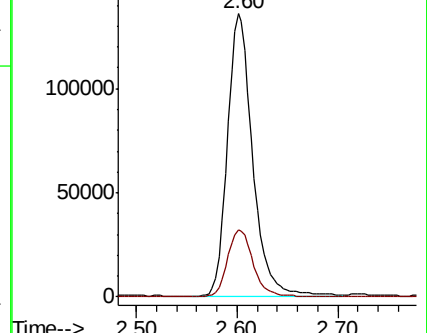
43 100

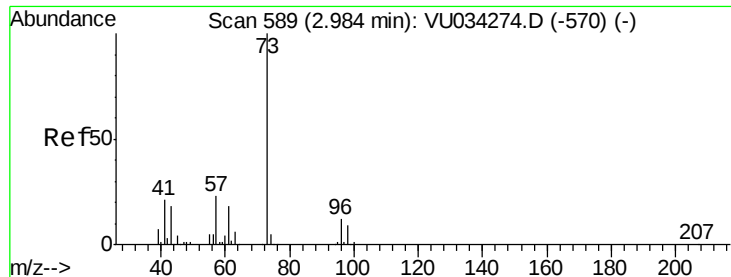
74 24.4 18.9 28.3



Abundance Ion 43.00 (42.70 to 43.70): VU034435.D (-377) (-)

Ion 74.00 (73.70 to 74.70): VU034435.D (-377) (-)

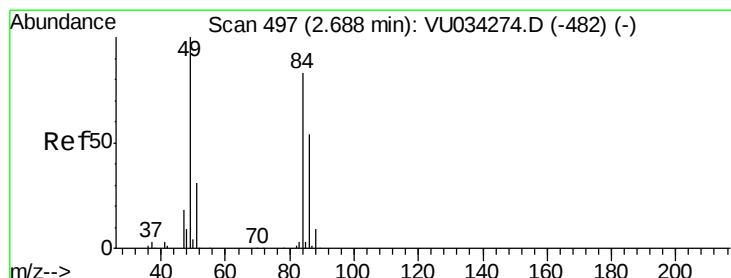
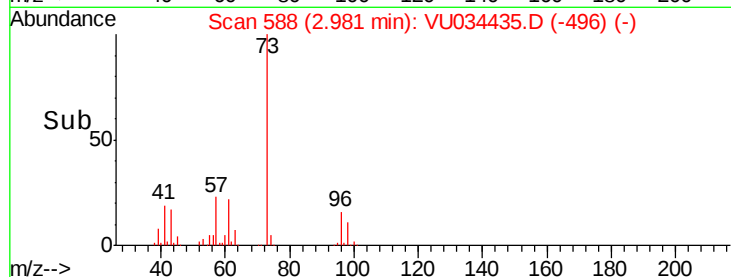
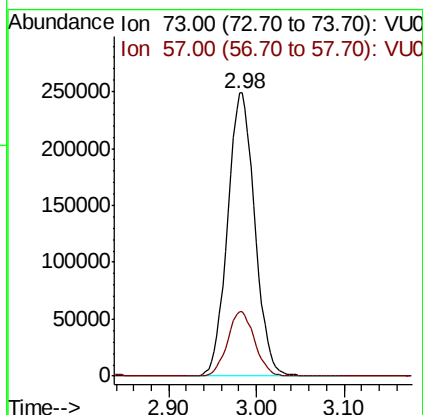
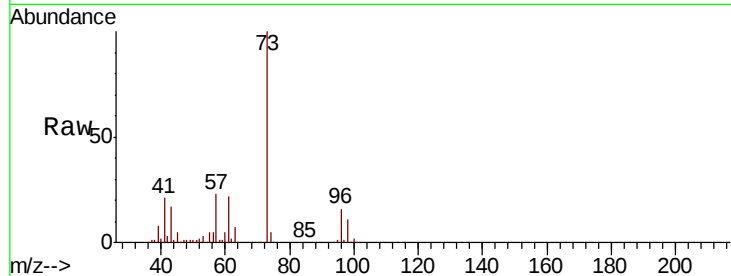




#19
Methyl tert-butyl Ether
Concen: 52.511 ug/l
RT: 2.98 min Scan# 588
Delta R.T. -0.00 min
Lab File: VU034435.D
Acq: 10 Sep 2019 08:54

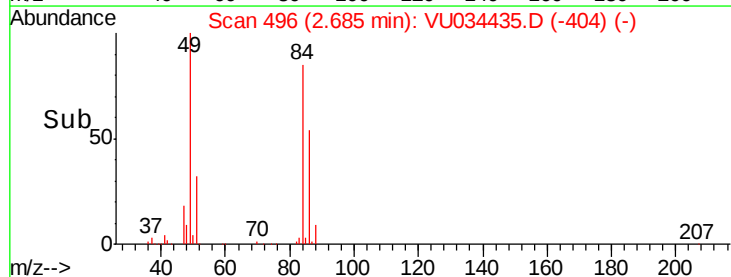
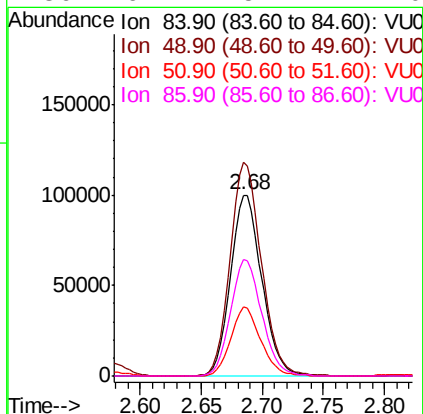
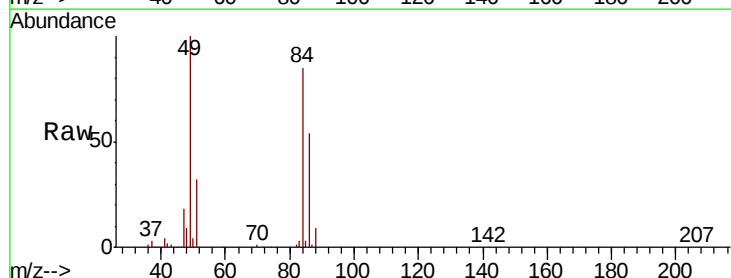
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

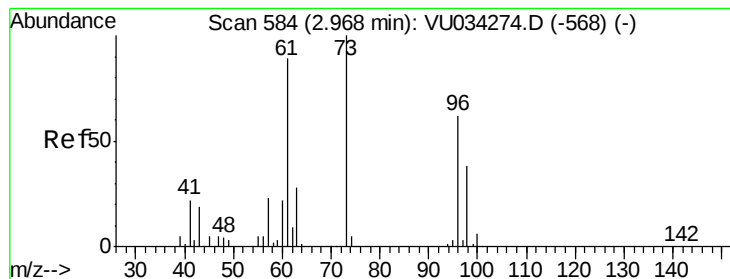
Tgt Ion: 73 Resp: 536646
Ion Ratio Lower Upper
73 100
57 23.0 18.2 27.4



#20
Methylene Chloride
Concen: 54.169 ug/l
RT: 2.68 min Scan# 496
Delta R.T. -0.00 min
Lab File: VU034435.D
Acq: 10 Sep 2019 08:54

Tgt Ion: 84 Resp: 178916
Ion Ratio Lower Upper
84 100
49 118.3 96.0 144.0
51 38.0 30.0 45.0
86 64.4 51.4 77.0





#21

trans-1,2-Dichloroethene

Concen: 49.716 ug/l

RT: 2.96 min Scan# 583

Delta R.T. -0.00 min

Lab File: VU034435.D

Acq: 10 Sep 2019 08:54

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

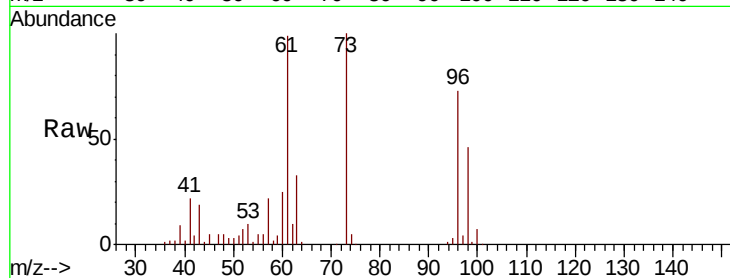
Tgt Ion: 96 Resp: 146894

Ion Ratio Lower Upper

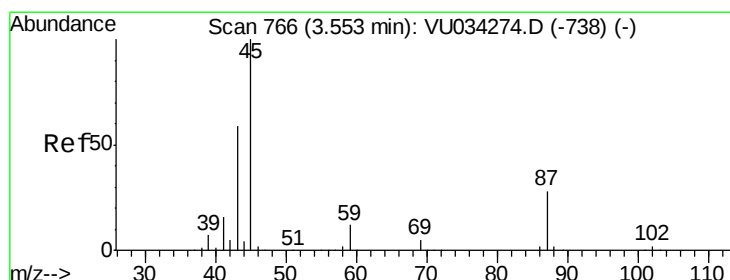
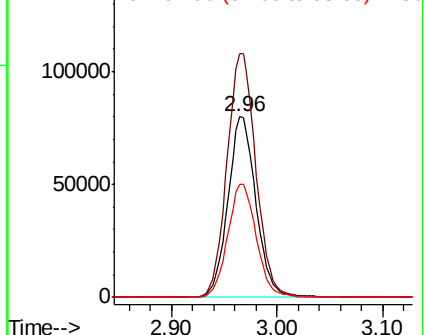
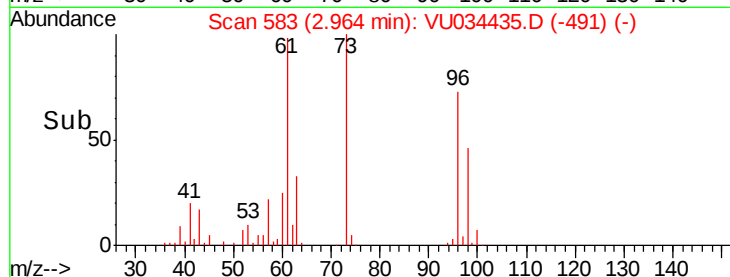
96 100

61 134.8 114.8 172.2

98 62.6 49.8 74.8



Abundance Ion 95.90 (95.60 to 96.60): VU034435.D (-491) (-)



#22

Diisopropyl ether

Concen: 53.073 ug/l

RT: 3.55 min Scan# 765

Delta R.T. -0.00 min

Lab File: VU034435.D

Acq: 10 Sep 2019 08:54

Tgt Ion: 45 Resp: 554788

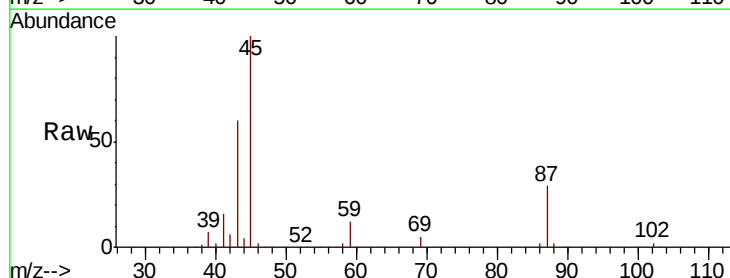
Ion Ratio Lower Upper

45 100

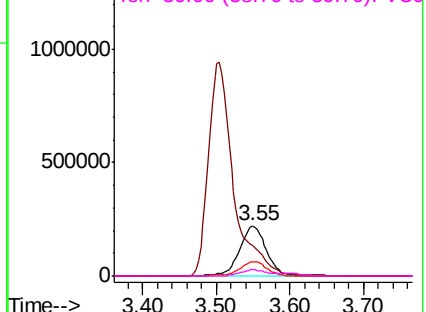
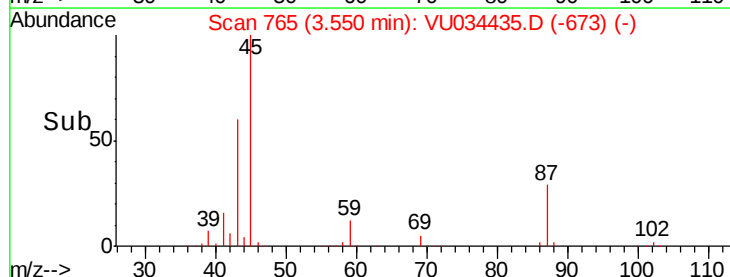
43 60.1 47.5 71.3

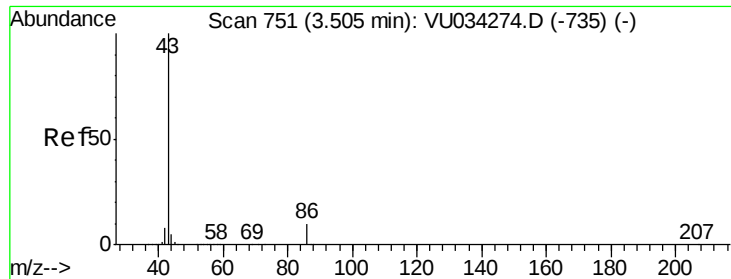
87 28.5 22.2 33.4

59 11.9 9.4 14.2



Abundance Ion 45.00 (44.70 to 45.70): VU034435.D (-673) (-)





#23

Vinyl Acetate

Concen: 264.364 ug/l

RT: 3.50 min Scan# 751

Delta R.T. -0.00 min

Lab File: VU034435.D

Acq: 10 Sep 2019 08:54

Instrument :

MSVOA_U

ClientSampleId :

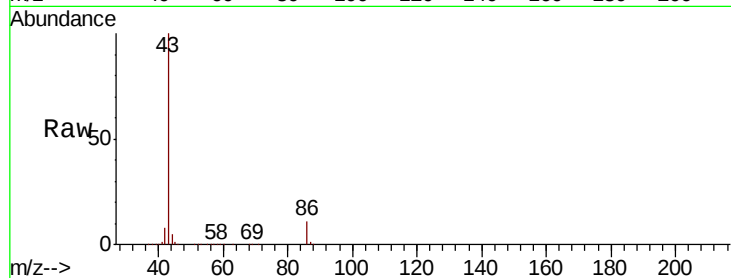
VSTDCCC050

Tgt Ion: 43 Resp: 2251038

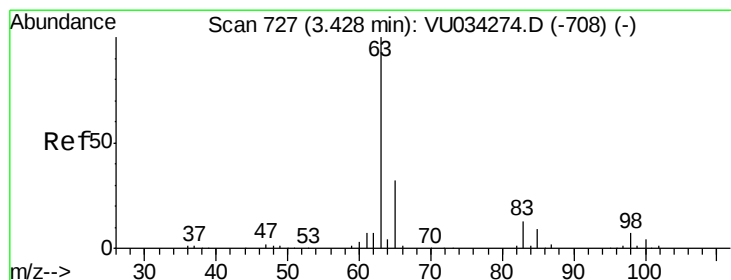
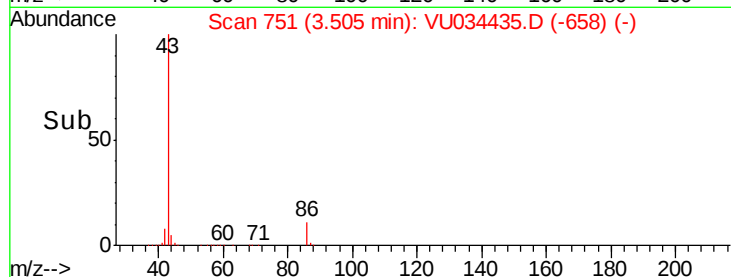
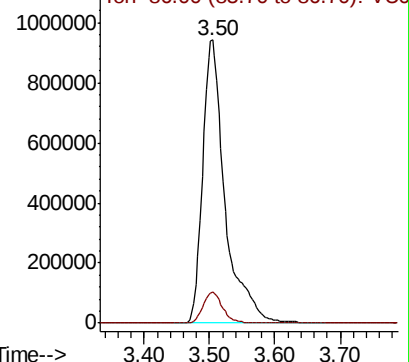
Ion Ratio Lower Upper

43 100

86 10.9 8.3 12.5



Abundance Ion 43.00 (42.70 to 43.70): VU034435.D (-658) (-)



#24

1,1-Dichloroethane

Concen: 49.998 ug/l

RT: 3.42 min Scan# 726

Delta R.T. -0.00 min

Lab File: VU034435.D

Acq: 10 Sep 2019 08:54

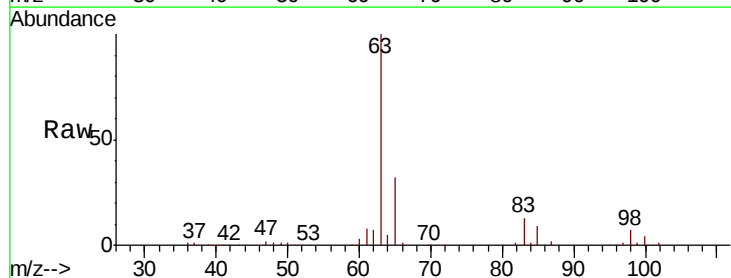
Tgt Ion: 63 Resp: 312125

Ion Ratio Lower Upper

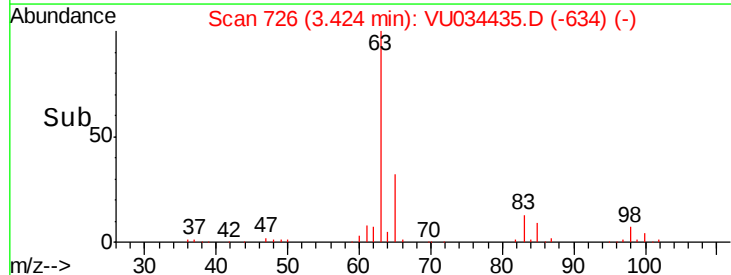
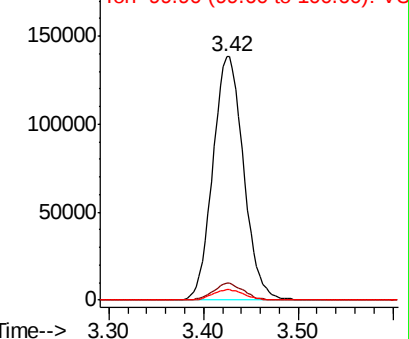
63 100

98 6.9 3.5 10.4

100 4.3 2.1 6.5



Abundance Ion 62.90 (62.60 to 63.60): VU034435.D (-634) (-)





#25

2-Butanone

Concen: 285.916 ug/l

RT: 4.23 min Scan# 978

Delta R.T. -0.00 min

Lab File: VU034435.D

Acq: 10 Sep 2019 08:54

Instrument :

MSVOA_U

ClientSampleId :

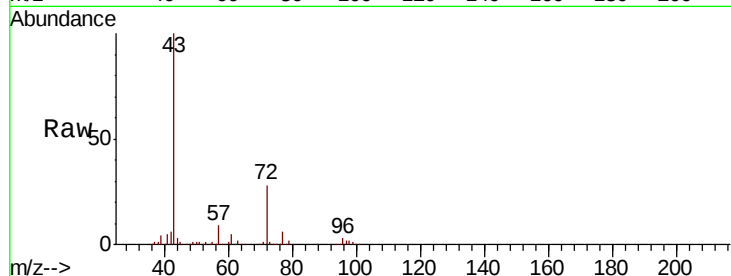
VSTDCCC050

Tgt Ion: 43 Resp: 770096

Ion Ratio Lower Upper

43 100

72 27.8 21.8 32.6



Abundance Ion 43.00 (42.70 to 43.70): VU034435.D (-886) (-)

Ion 72.00 (71.70 to 72.70): VU034435.D (-886) (-)

4.23

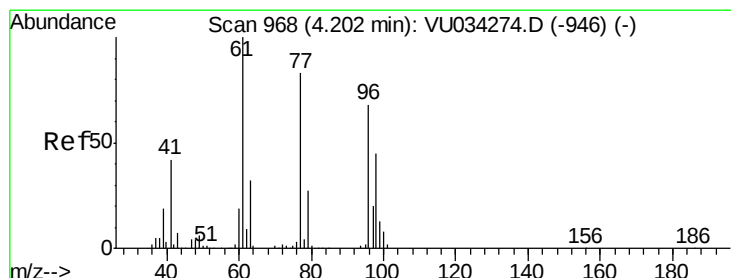
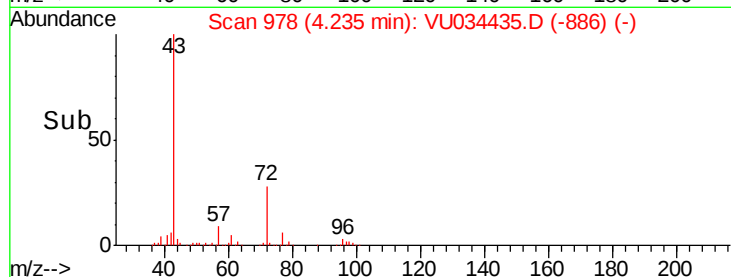
300000

200000

100000

0

Time-->



#26

2,2-Dichloropropane

Concen: 52.525 ug/l

RT: 4.20 min Scan# 968

Delta R.T. -0.00 min

Lab File: VU034435.D

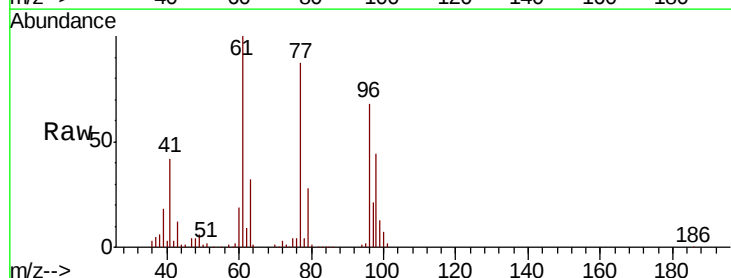
Acq: 10 Sep 2019 08:54

Tgt Ion: 77 Resp: 263721

Ion Ratio Lower Upper

77 100

97 23.9 11.8 35.3



Abundance Ion 76.90 (76.60 to 77.60): VU034435.D (-875) (-)

Ion 96.90 (96.60 to 97.60): VU034435.D (-875) (-)

4.20

100000

80000

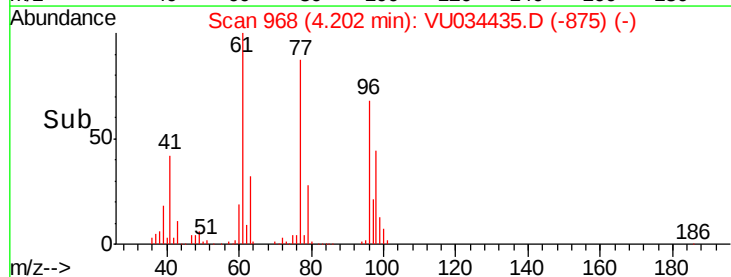
60000

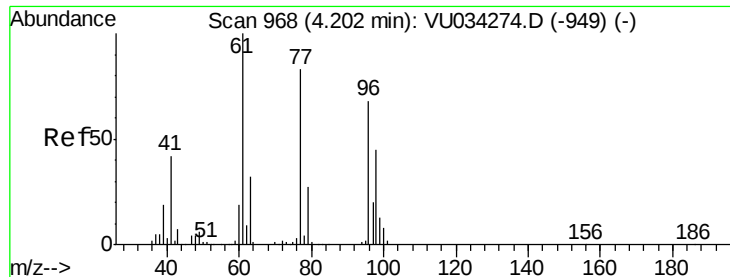
40000

20000

0

Time-->



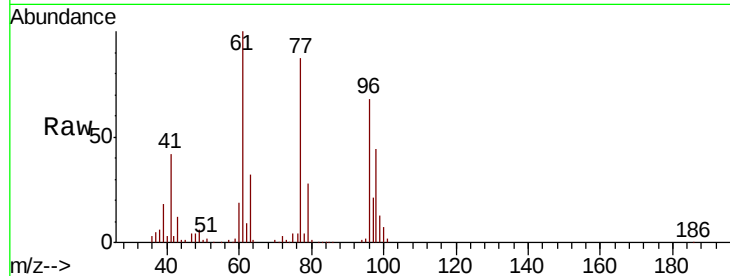


#27

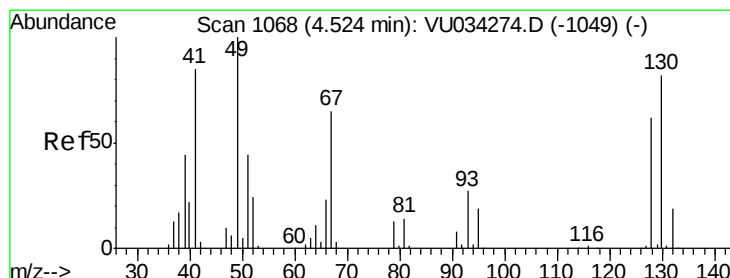
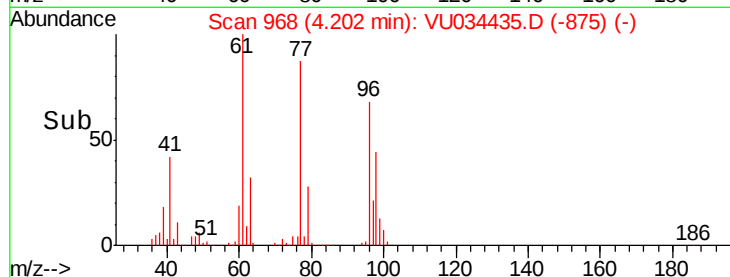
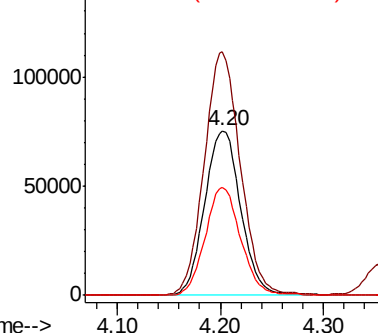
cis-1,2-Dichloroethene
 Concen: 51.108 ug/l
 RT: 4.20 min Scan# 968
 Delta R.T. -0.00 min
 Lab File: VU034435.D
 Acq: 10 Sep 2019 08:54

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 96 Resp: 183402
 Ion Ratio Lower Upper
 96 100
 61 148.6 0.0 297.4
 98 64.6 0.0 130.0



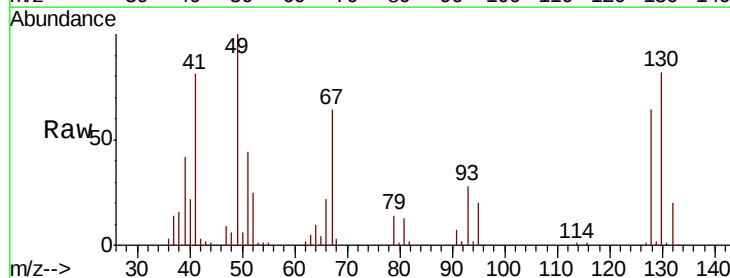
Abundance Ion 95.90 (95.60 to 96.60): VU0
 Ion 60.90 (60.60 to 61.60): VU0
 Ion 97.90 (97.60 to 98.60): VU0



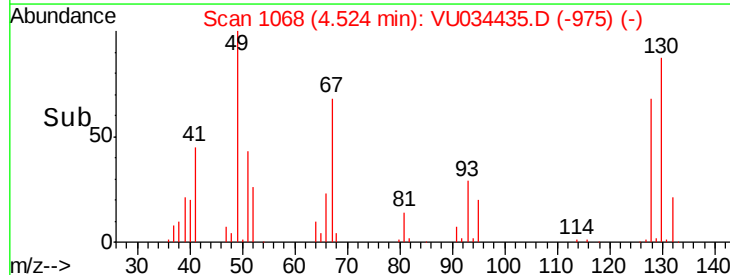
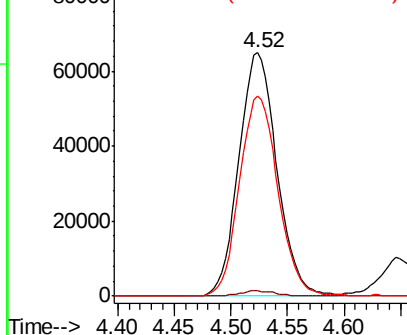
#28

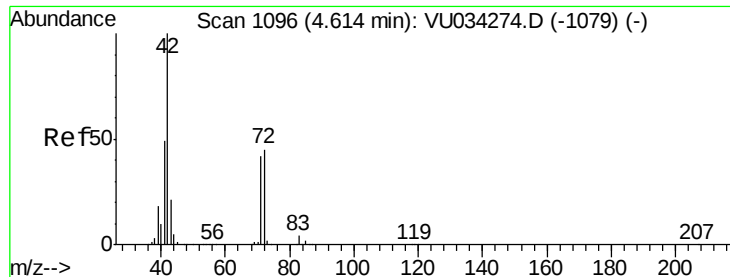
Bromochloromethane
 Concen: 52.935 ug/l
 RT: 4.52 min Scan# 1068
 Delta R.T. -0.00 min
 Lab File: VU034435.D
 Acq: 10 Sep 2019 08:54

Tgt Ion: 49 Resp: 151996
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 3.8
 130 83.3 65.2 97.8



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

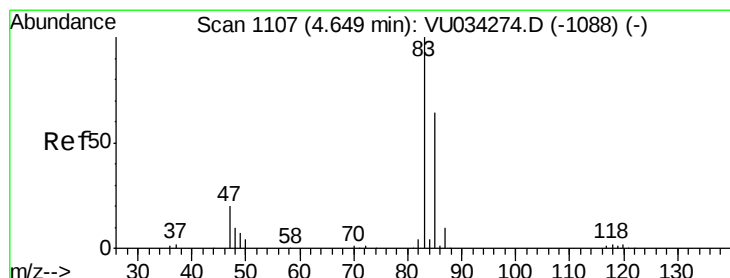
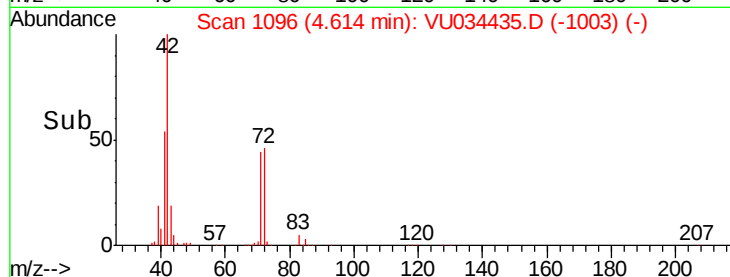
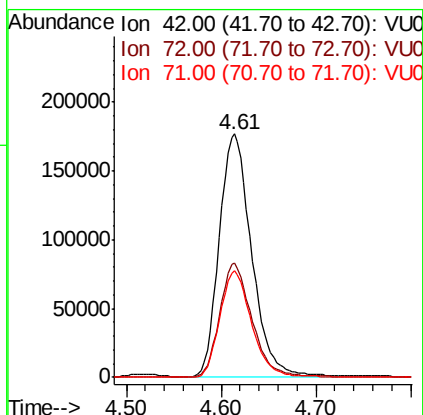
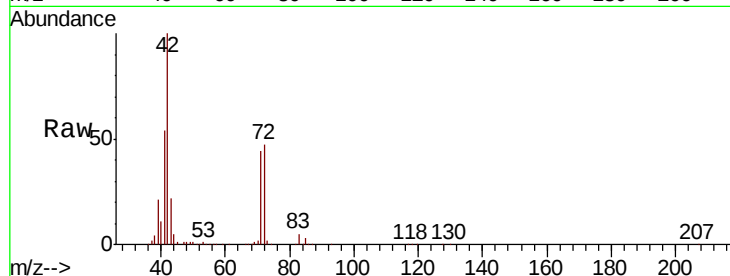




#29
Tetrahydrofuran
Concen: 255.899 ug/l
RT: 4.61 min Scan# 1096
Delta R.T. -0.00 min
Lab File: VU034435.D
Acq: 10 Sep 2019 08:54

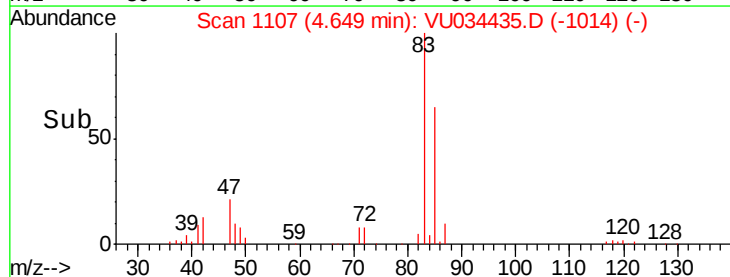
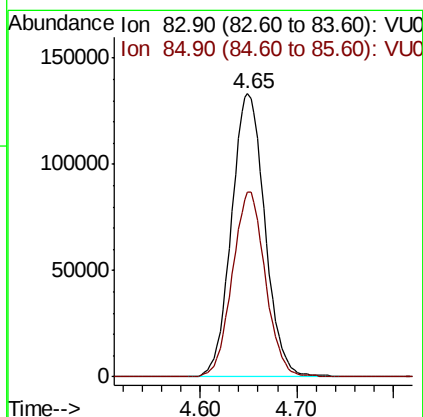
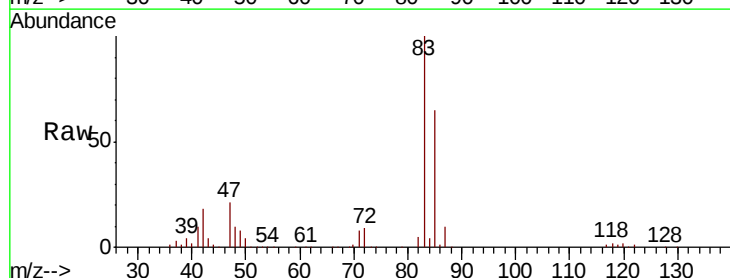
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

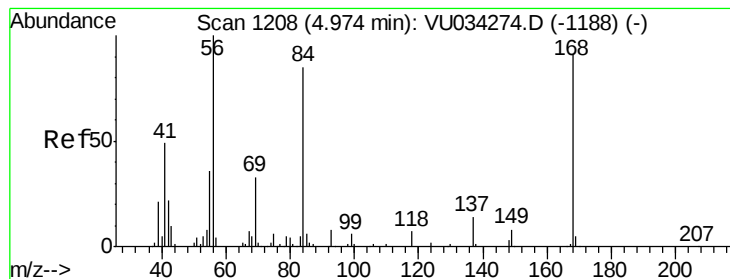
Tgt Ion: 42 Resp: 419411
Ion Ratio Lower Upper
42 100
72 47.1 36.6 54.8
71 43.1 34.3 51.5



#30
Chloroform
Concen: 50.307 ug/l
RT: 4.65 min Scan# 1107
Delta R.T. -0.00 min
Lab File: VU034435.D
Acq: 10 Sep 2019 08:54

Tgt Ion: 83 Resp: 319223
Ion Ratio Lower Upper
83 100
85 65.2 51.5 77.3





#31

Cyclohexane

Concen: 47.886 ug/l

RT: 4.97 min Scan# 1208

Delta R.T. -0.00 min

Lab File: VU034435.D

Acq: 10 Sep 2019 08:54

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

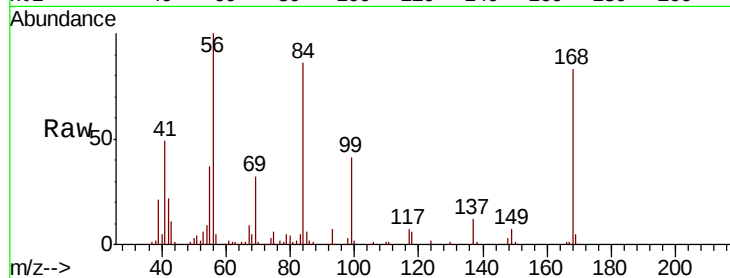
Tgt Ion: 56 Resp: 218696

Ion Ratio Lower Upper

56 100

69 32.3 26.7 40.1

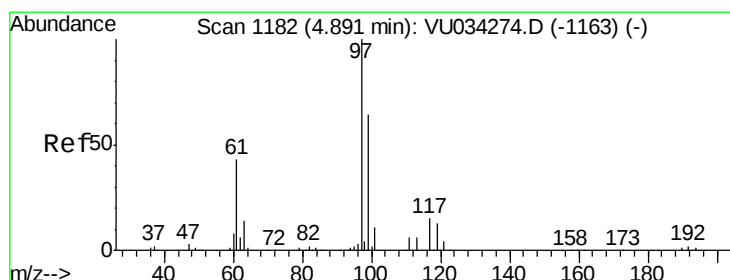
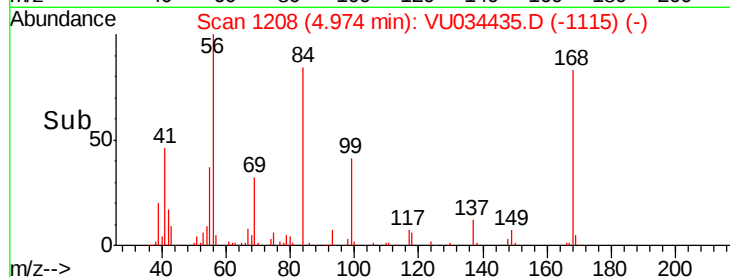
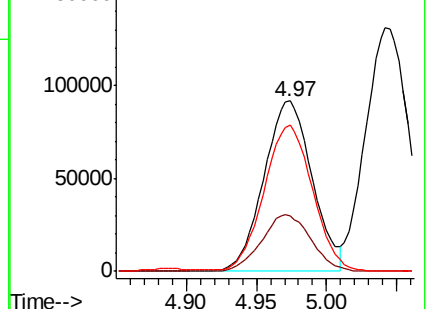
84 84.5 68.2 102.4



Abundance Ion 56.00 (55.70 to 56.70): VU034435.D (-1115) (-)

Ion 69.00 (68.70 to 69.70): VU034435.D (-1115) (-)

Ion 84.00 (83.70 to 84.70): VU034435.D (-1115) (-)



#32

1,1,1-Trichloroethane

Concen: 51.692 ug/l

RT: 4.89 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VU034435.D

Acq: 10 Sep 2019 08:54

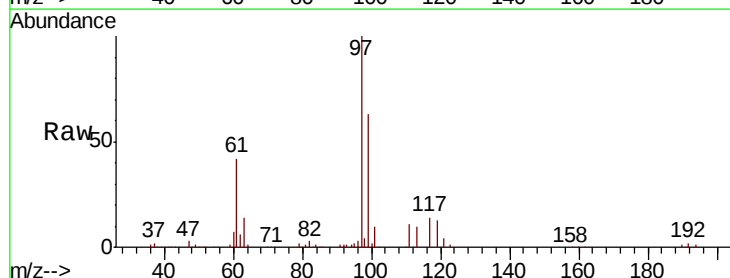
Tgt Ion: 97 Resp: 262254

Ion Ratio Lower Upper

97 100

99 64.2 50.9 76.3

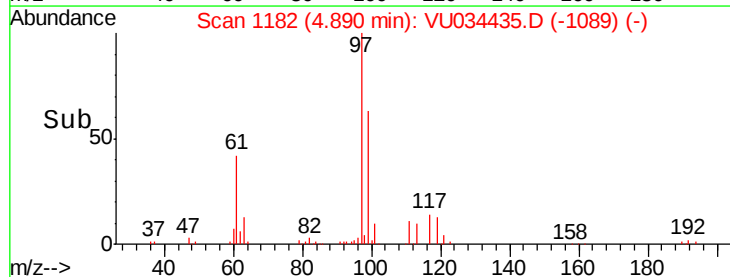
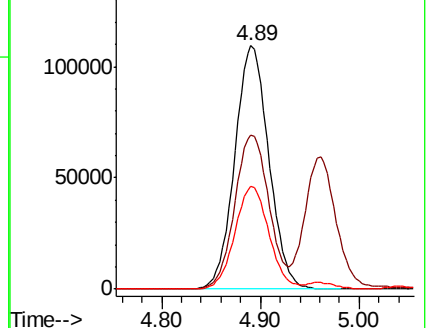
61 42.5 34.7 52.1

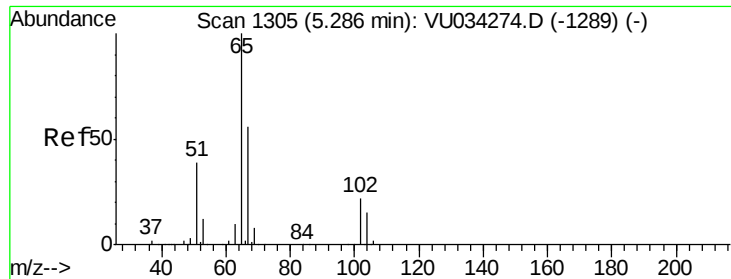


Abundance Ion 96.90 (96.60 to 97.60): VU034435.D (-1089) (-)

Ion 98.90 (98.60 to 99.60): VU034435.D (-1089) (-)

Ion 60.90 (60.60 to 61.60): VU034435.D (-1089) (-)





#33

1,2-Dichloroethane-d4

Concen: 50.177 ug/l

RT: 5.29 min Scan# 1305

Delta R.T. -0.00 min

Lab File: VU034435.D

Acq: 10 Sep 2019 08:54

Instrument :

MSVOA_U

ClientSampleId :

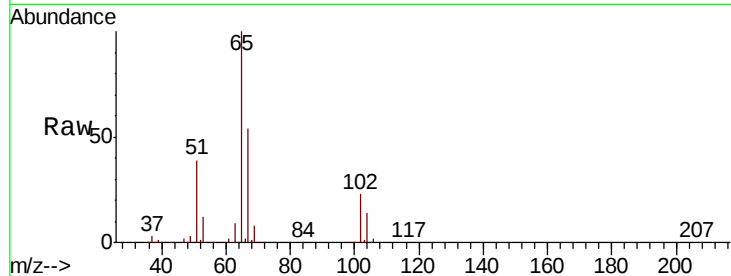
VSTDCCC050

Tgt Ion: 65 Resp: 195645

Ion Ratio Lower Upper

65 100

67 55.4 0.0 112.4



Abundance Ion 64.90 (64.60 to 65.60): VU034435.D (-1212) (-)

Ion 66.90 (66.60 to 67.60): VU034435.D (-1212) (-)

5.29

100000

80000

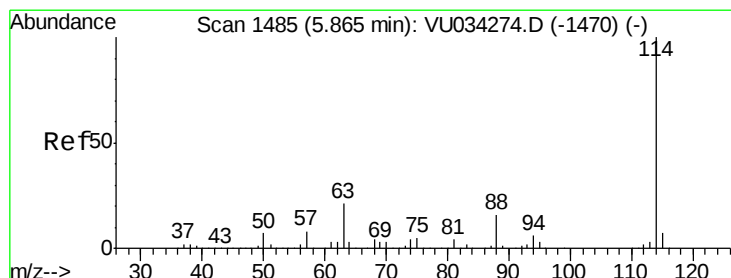
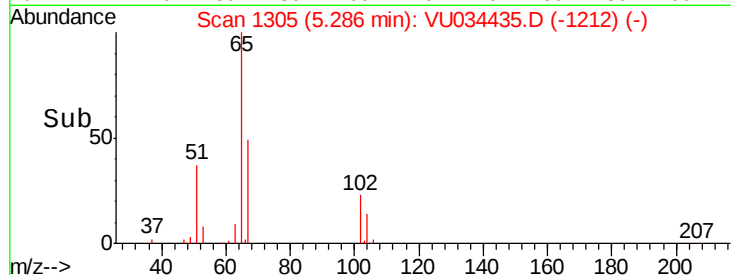
60000

40000

20000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.86 min Scan# 1485

Delta R.T. -0.00 min

Lab File: VU034435.D

Acq: 10 Sep 2019 08:54

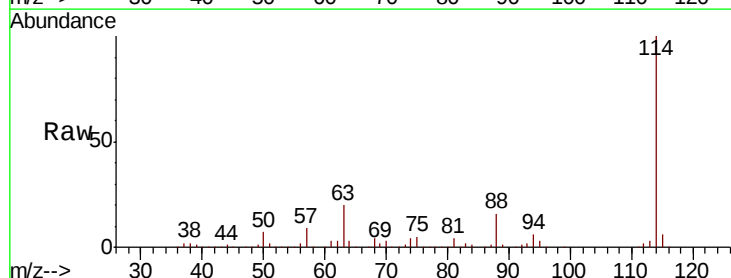
Tgt Ion: 114 Resp: 355962

Ion Ratio Lower Upper

114 100

63 19.7 0.0 42.4

88 15.9 0.0 32.4



Abundance Ion 113.90 (113.60 to 114.60): VU034435.D (-1392) (-)

Ion 63.00 (62.70 to 63.70): VU034435.D (-1392) (-)

Ion 87.90 (87.60 to 88.60): VU034435.D (-1392) (-)

5.86

200000

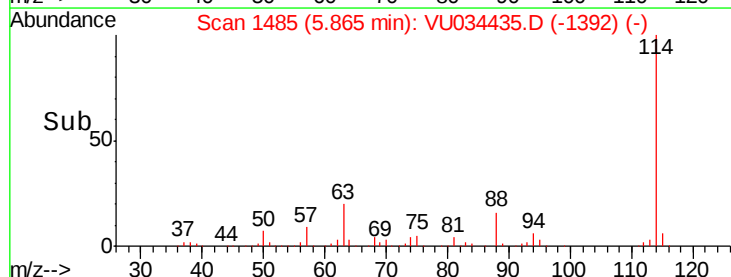
150000

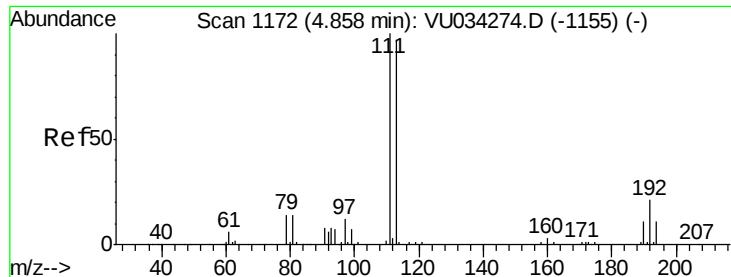
100000

50000

0

Time-->

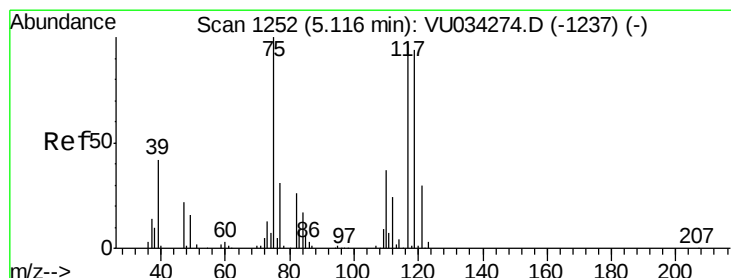
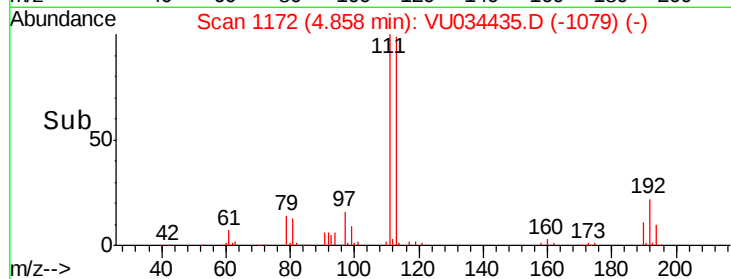
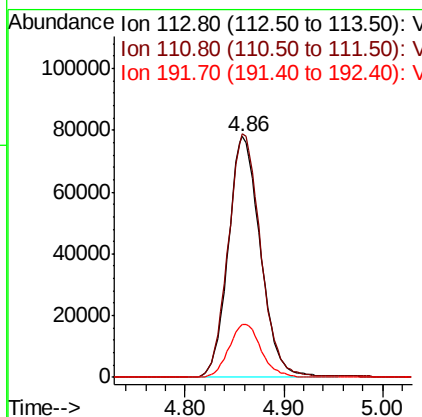
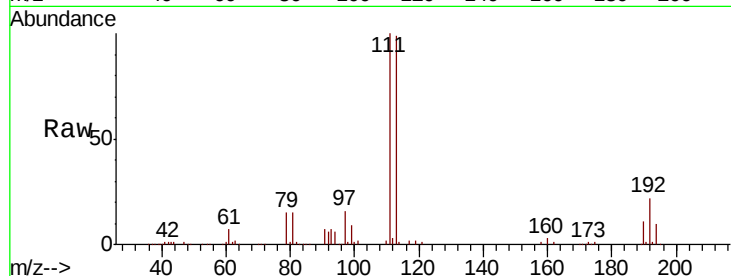




#35
 Dibromofluoromethane
 Concen: 53.425 ug/l
 RT: 4.86 min Scan# 1172
 Delta R.T. -0.00 min
 Lab File: VU034435.D
 Acq: 10 Sep 2019 08:54

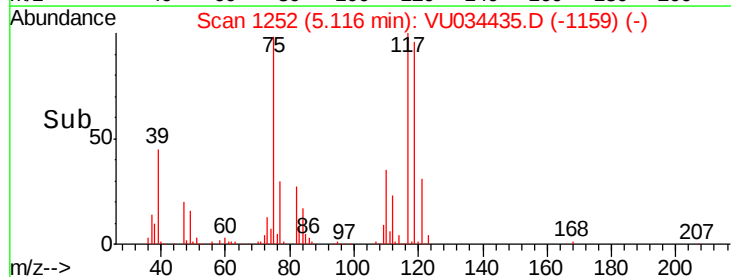
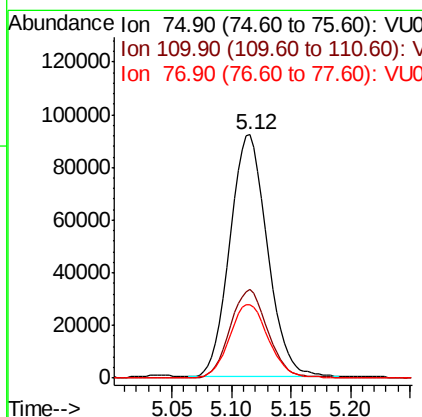
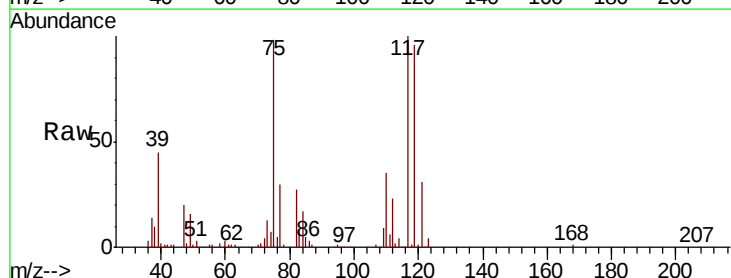
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

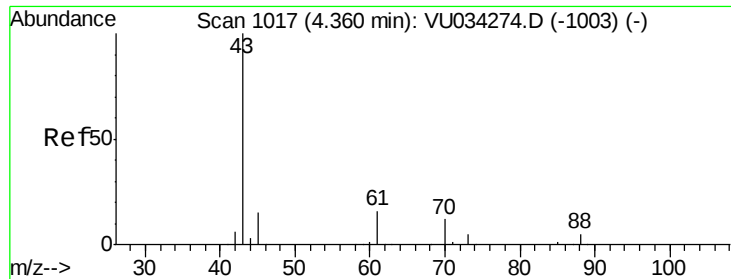
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.3	81.5	122.3
192	22.1	17.8	26.8



#36
 1,1-Dichloropropene
 Concen: 51.857 ug/l
 RT: 5.12 min Scan# 1252
 Delta R.T. -0.00 min
 Lab File: VU034435.D
 Acq: 10 Sep 2019 08:54

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.2	18.3	54.9
77	31.2	24.9	37.3

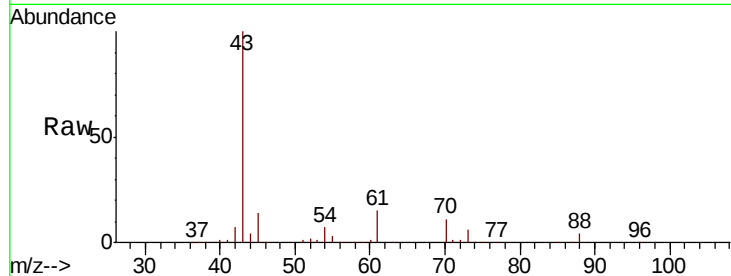




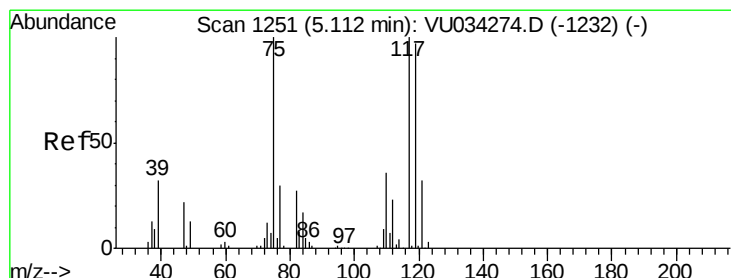
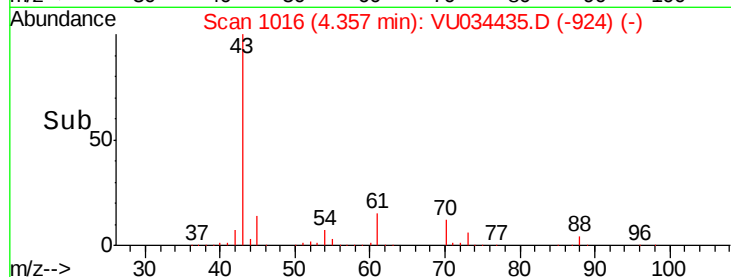
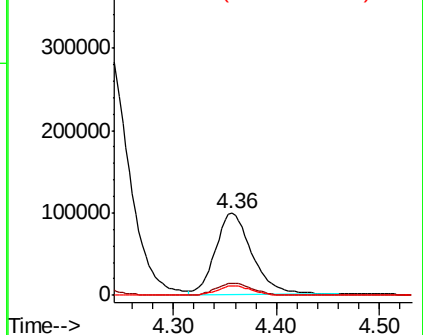
#37
 Ethyl Acetate
 Concen: 53.222 ug/l
 RT: 4.36 min Scan# 1016
 Delta R.T. -0.00 min
 Lab File: VU034435.D
 Acq: 10 Sep 2019 08:54

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 242922
 Ion Ratio Lower Upper
 43 100
 61 14.5 12.3 18.5
 70 11.6 9.1 13.7

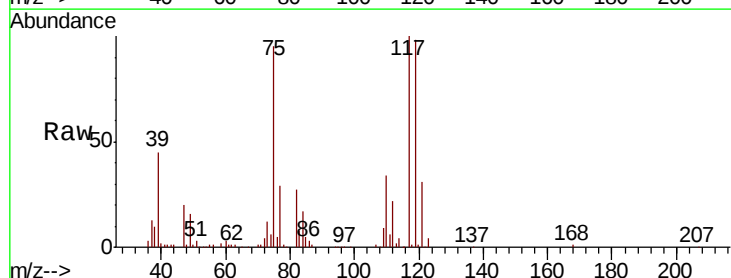


Abundance Ion 43.00 (42.70 to 43.70): VU0
 Ion 60.90 (60.60 to 61.60): VU0
 Ion 70.00 (69.70 to 70.70): VU0

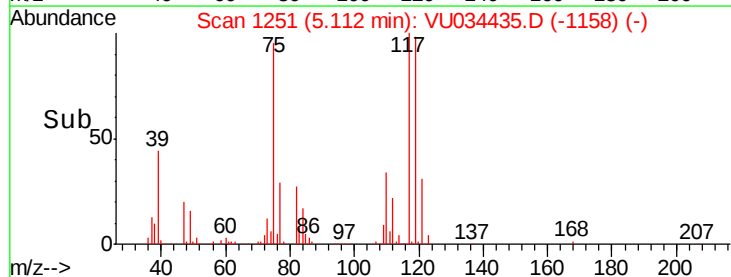
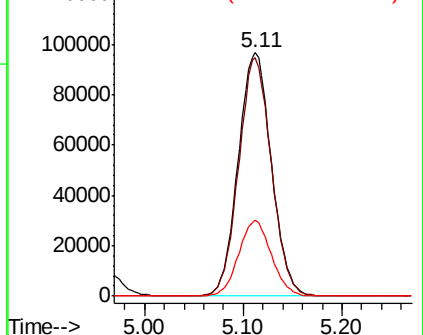


#38
 Carbon Tetrachloride
 Concen: 54.672 ug/l
 RT: 5.11 min Scan# 1251
 Delta R.T. -0.00 min
 Lab File: VU034435.D
 Acq: 10 Sep 2019 08:54

Tgt Ion: 117 Resp: 225354
 Ion Ratio Lower Upper
 117 100
 119 97.8 77.8 116.6
 121 31.0 25.2 37.8



Abundance Ion 116.80 (116.50 to 117.50): V
 Ion 118.80 (118.50 to 119.50): V
 Ion 120.80 (120.50 to 121.50): V

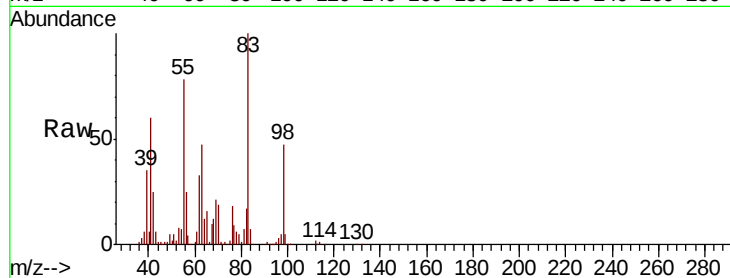




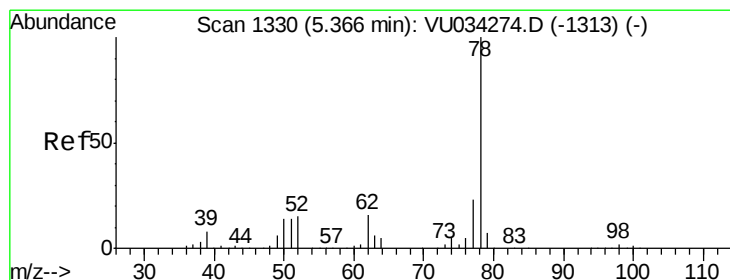
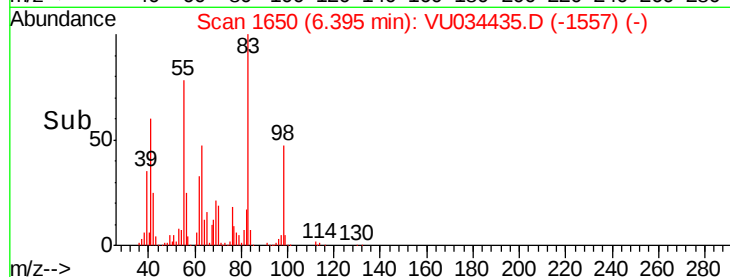
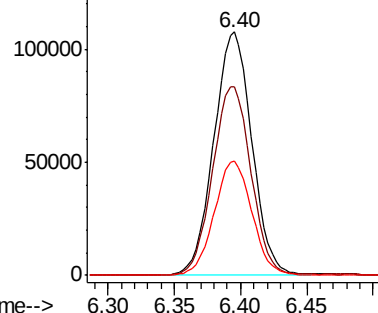
#39
Methylcyclohexane
Concen: 52.249 ug/l
RT: 6.40 min Scan# 1650
Delta R.T. -0.00 min
Lab File: VU034435.D
Acq: 10 Sep 2019 08:54

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 215622
Ion Ratio Lower Upper
83 100
55 77.6 62.1 93.1
98 46.7 37.0 55.6

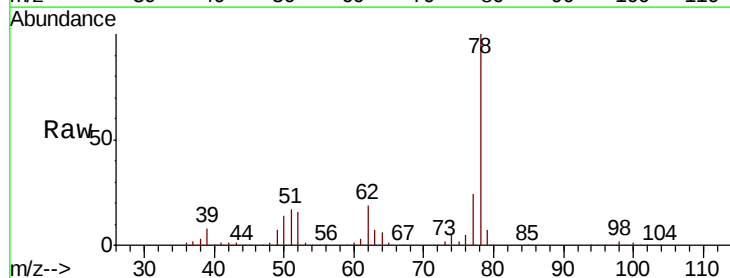


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

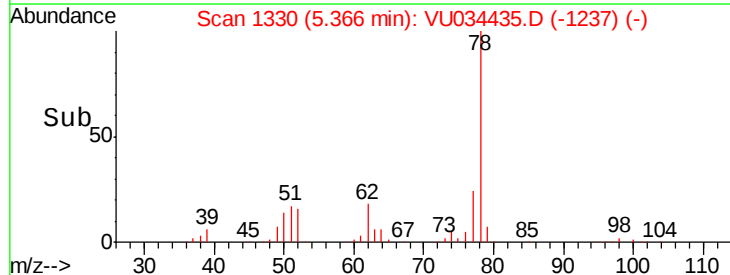
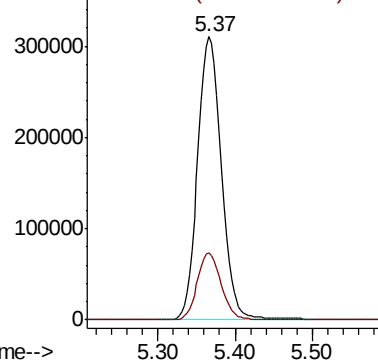


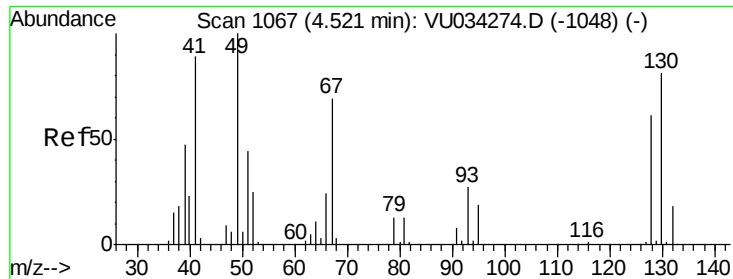
#40
Benzene
Concen: 53.351 ug/l
RT: 5.37 min Scan# 1330
Delta R.T. -0.00 min
Lab File: VU034435.D
Acq: 10 Sep 2019 08:54

Tgt Ion: 78 Resp: 664578
Ion Ratio Lower Upper
78 100
77 23.6 18.7 28.1



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





#41

Methacrylonitrile

Concen: 55.236 ug/l

RT: 4.52 min Scan# 1066

Delta R.T. -0.00 min

Lab File: VU034435.D

Acq: 10 Sep 2019 08:54

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tgt Ion: 41 Resp: 134291

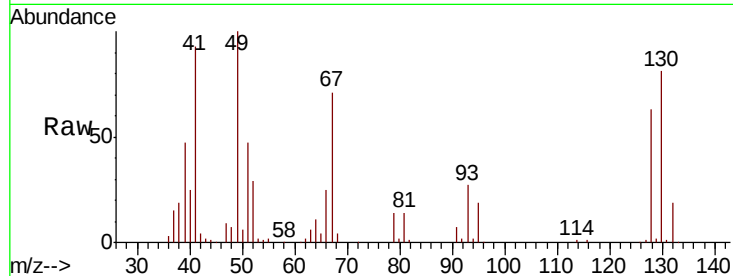
Ion Ratio Lower Upper

41 100

39 52.0 41.0 61.4

67 80.2 62.4 93.6

52 29.9 23.6 35.4

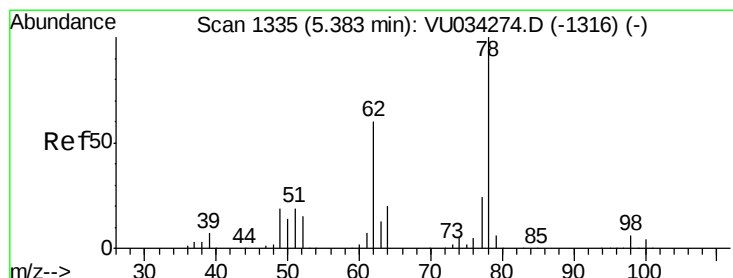
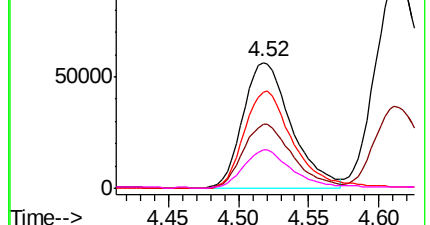
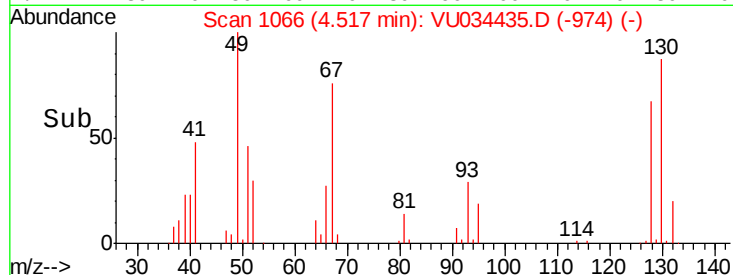


Abundance Ion 41.00 (40.70 to 41.70): VU034274.D (-1048) (-)

Ion 39.00 (38.70 to 39.70): VU034274.D (-1048) (-)

Ion 67.00 (66.70 to 67.70): VU034274.D (-1048) (-)

Ion 52.00 (51.70 to 52.70): VU034274.D (-1048) (-)



#42

1,2-Dichloroethane

Concen: 53.833 ug/l

RT: 5.38 min Scan# 1335

Delta R.T. -0.00 min

Lab File: VU034435.D

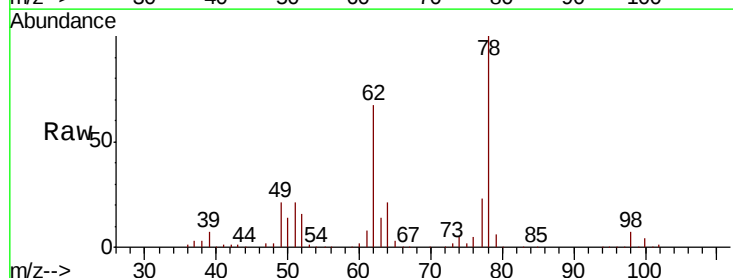
Acq: 10 Sep 2019 08:54

Tgt Ion: 62 Resp: 232823

Ion Ratio Lower Upper

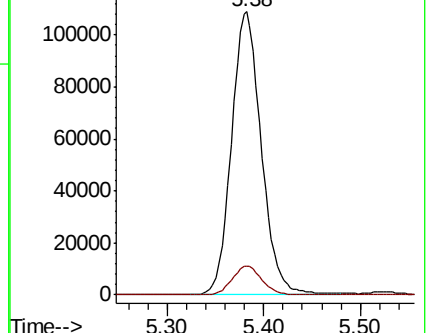
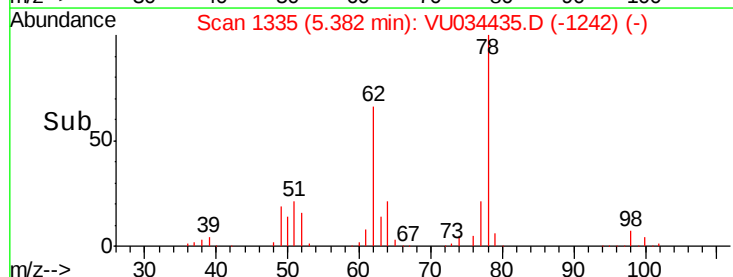
62 100

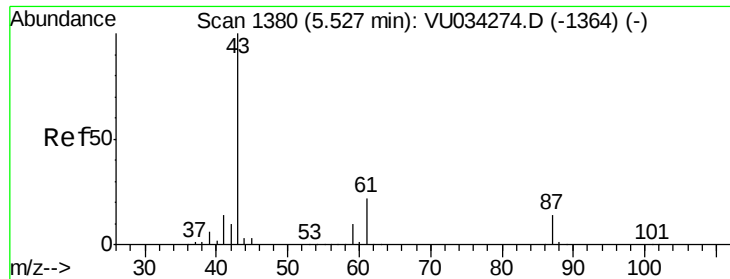
98 10.2 0.0 20.0



Abundance Ion 61.90 (61.60 to 62.60): VU034274.D (-1316) (-)

Ion 97.90 (97.60 to 98.60): VU034274.D (-1316) (-)





#43

Isopropyl Acetate

Concen: 52.751 ug/l

RT: 5.53 min Scan# 1380

Delta R.T. -0.00 min

Lab File: VU034435.D

Acq: 10 Sep 2019 08:54

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

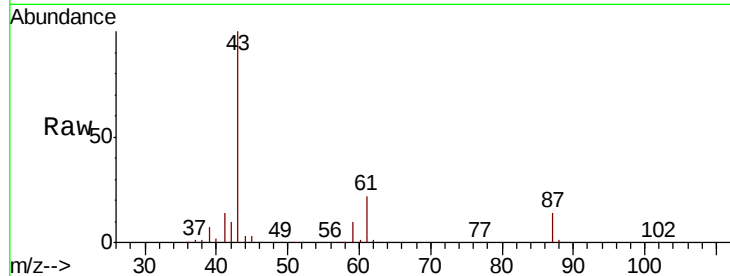
Tgt Ion: 43 Resp: 375599

Ion Ratio Lower Upper

43 100

61 22.0 17.1 25.7

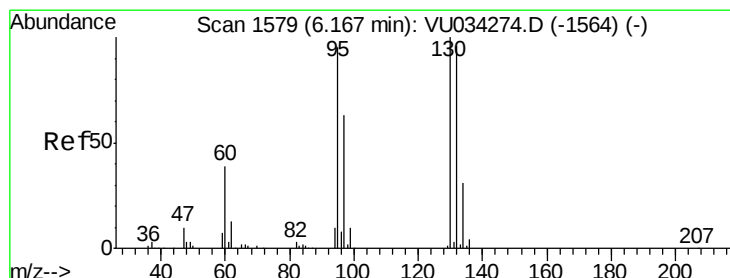
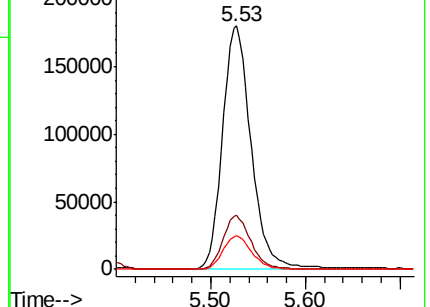
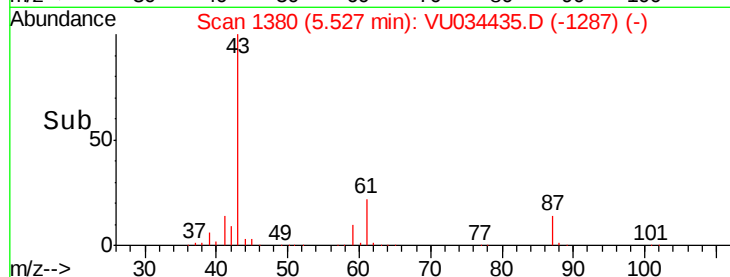
87 13.7 11.1 16.7



Abundance Ion 43.00 (42.70 to 43.70): VU034435.D (-1287) (-)

Ion 61.00 (60.70 to 61.70): VU034435.D (-1287) (-)

Ion 87.00 (86.70 to 87.70): VU034435.D (-1287) (-)



#44

Trichloroethene

Concen: 52.443 ug/l

RT: 6.16 min Scan# 1578

Delta R.T. -0.00 min

Lab File: VU034435.D

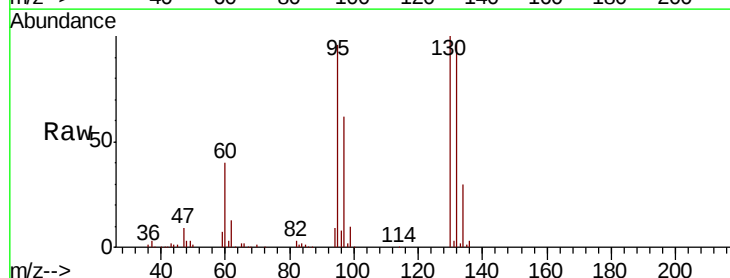
Acq: 10 Sep 2019 08:54

Tgt Ion: 130 Resp: 180772

Ion Ratio Lower Upper

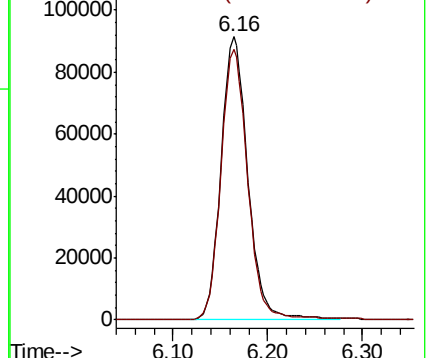
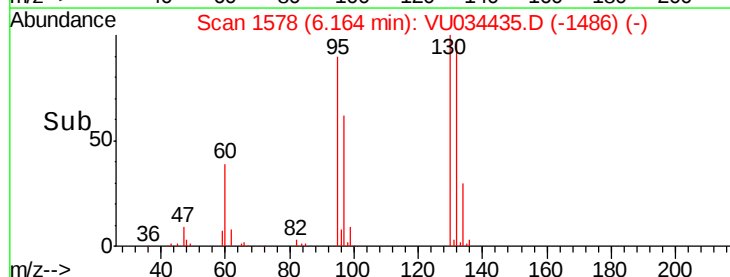
130 100

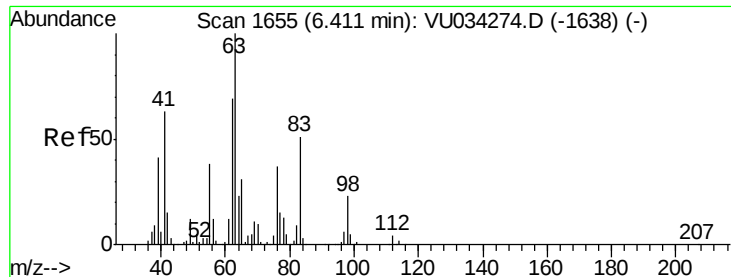
95 95.6 0.0 189.2



Abundance Ion 129.80 (129.50 to 130.50): VU034435.D (-1486) (-)

Ion 94.90 (94.60 to 95.60): VU034435.D (-1486) (-)





#45

1,2-Dichloropropane

Concen: 53.816 ug/l

RT: 6.41 min Scan# 1655

Delta R.T. -0.00 min

Lab File: VU034435.D

Acq: 10 Sep 2019 08:54

Instrument :

MSVOA_U

ClientSampleId :

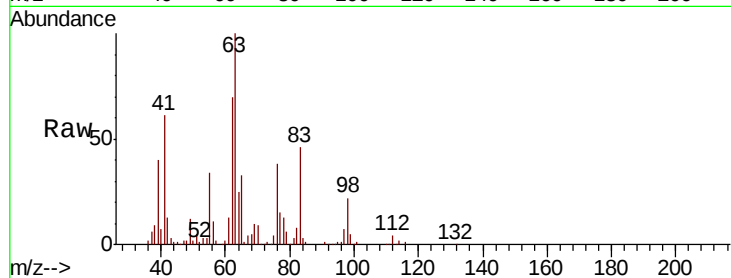
VSTDCCC050

Tgt Ion: 63 Resp: 195978

Ion Ratio Lower Upper

63 100

65 32.9 24.6 37.0



Abundance Ion 62.90 (62.60 to 63.60): VU034274.D (-1638) (-)

Ion 64.90 (64.60 to 65.60): VU034274.D (-1638) (-)

6.41

100000

80000

60000

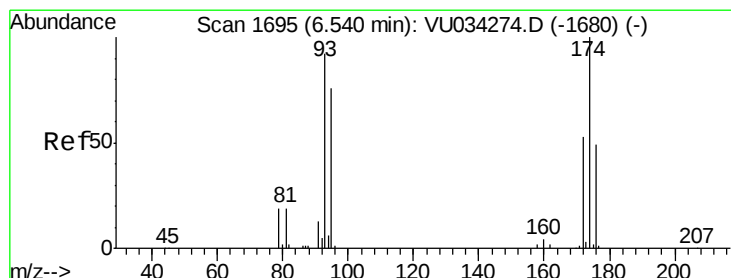
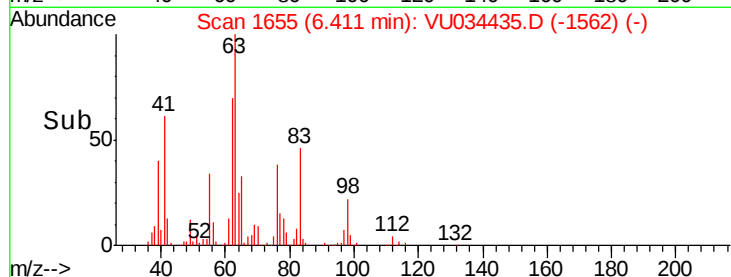
40000

20000

0

6.30 6.40 6.50

Time-->



#46

Dibromomethane

Concen: 53.807 ug/l

RT: 6.54 min Scan# 1694

Delta R.T. -0.00 min

Lab File: VU034435.D

Acq: 10 Sep 2019 08:54

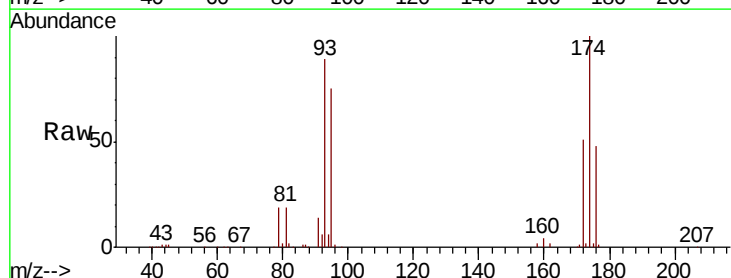
Tgt Ion: 93 Resp: 122995

Ion Ratio Lower Upper

93 100

95 84.7 66.5 99.7

174 112.1 87.8 131.6



Abundance Ion 92.80 (92.50 to 93.50): VU034274.D (-1680) (-)

Ion 94.80 (94.50 to 95.50): VU034274.D (-1680) (-)

Ion 173.70 (173.40 to 174.40): VU034274.D (-1680) (-)

6.54

80000

60000

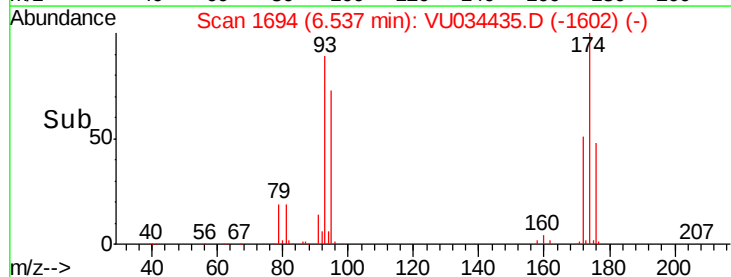
40000

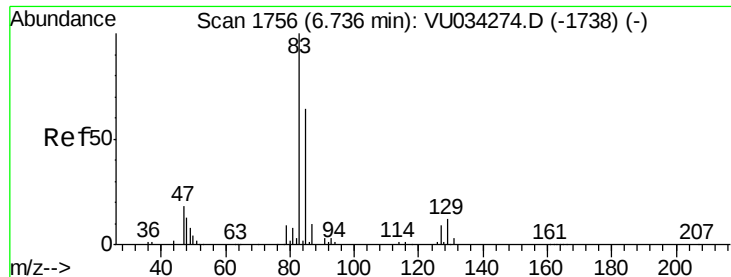
20000

0

6.50 6.60

Time-->

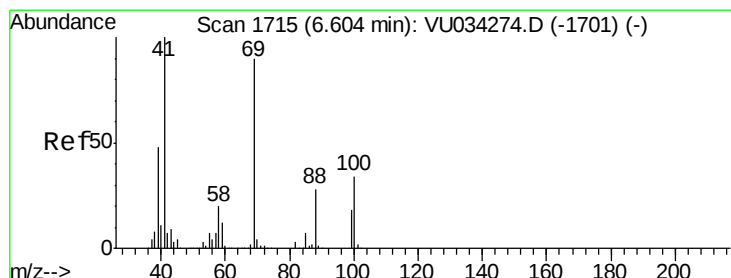
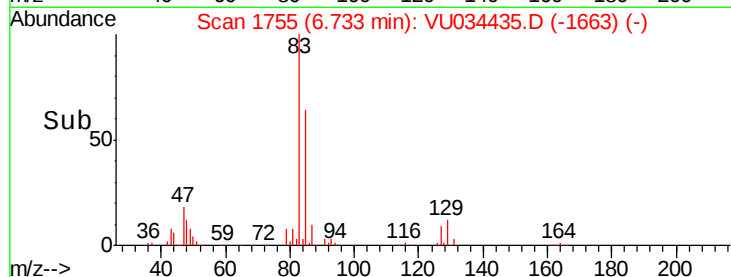
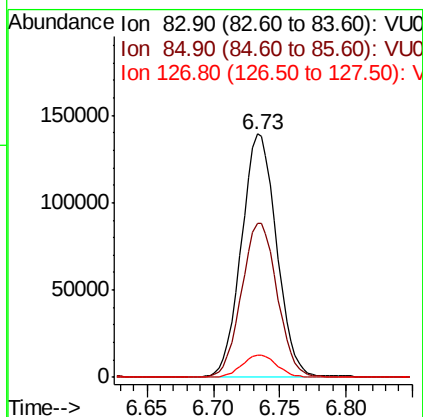
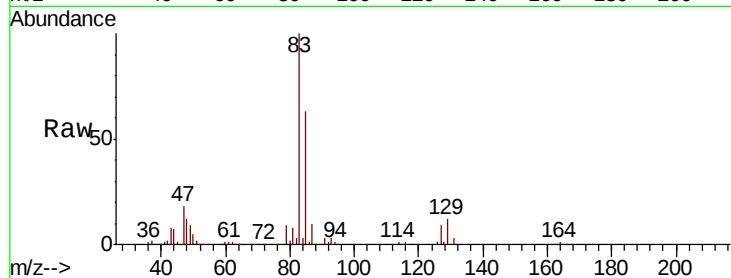




#47
 Bromodichloromethane
 Concen: 54.570 ug/l
 RT: 6.73 min Scan# 1755
 Delta R.T. -0.00 min
 Lab File: VU034435.D
 Acq: 10 Sep 2019 08:54

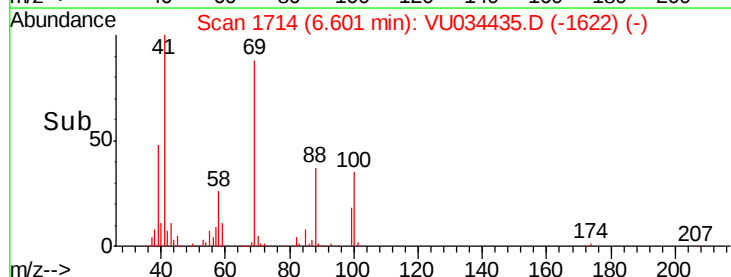
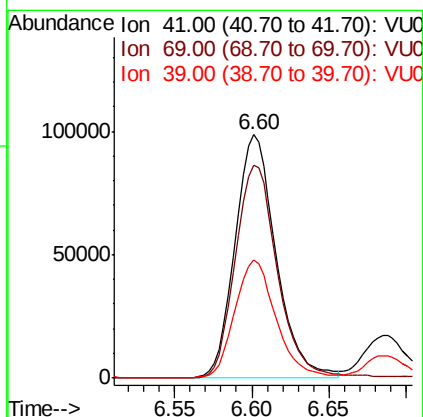
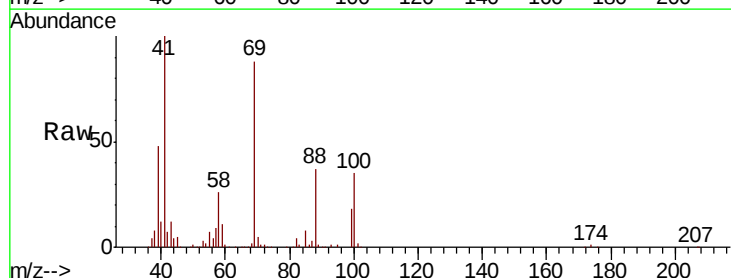
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

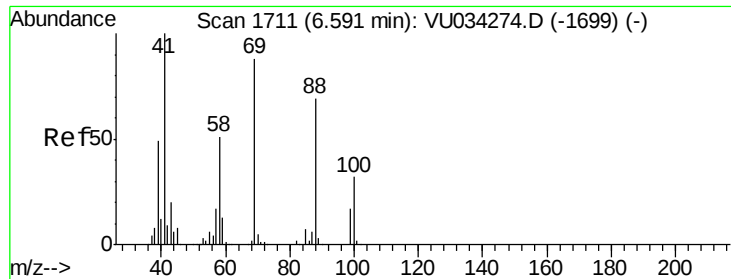
Tgt Ion: 83 Resp: 256765
 Ion Ratio Lower Upper
 83 100
 85 63.4 51.1 76.7
 127 9.1 7.2 10.8



#48
 Methyl methacrylate
 Concen: 53.289 ug/l
 RT: 6.60 min Scan# 1714
 Delta R.T. -0.00 min
 Lab File: VU034435.D
 Acq: 10 Sep 2019 08:54

Tgt Ion: 41 Resp: 180213
 Ion Ratio Lower Upper
 41 100
 69 91.8 72.8 109.2
 39 48.8 38.6 58.0

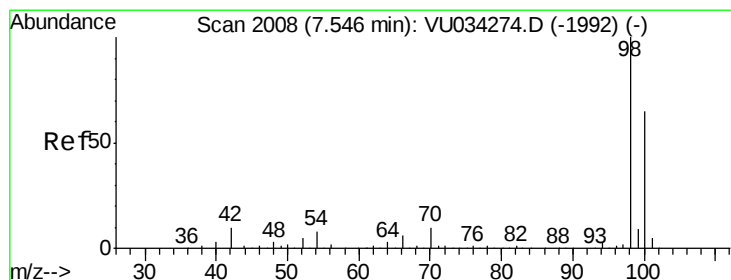
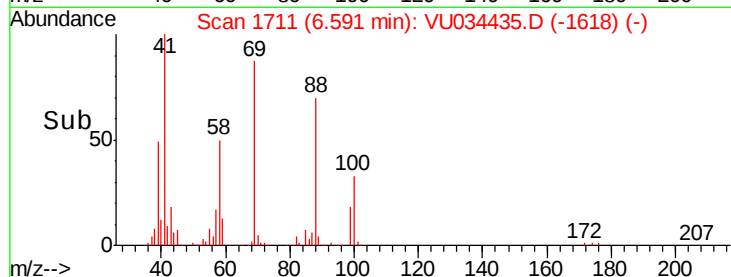
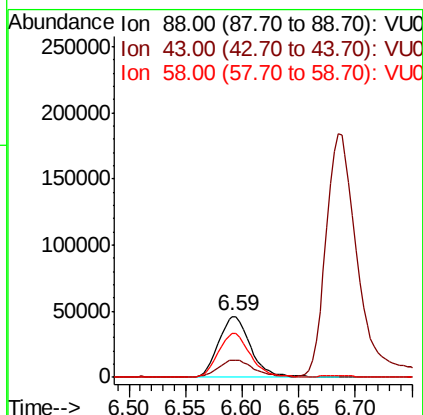
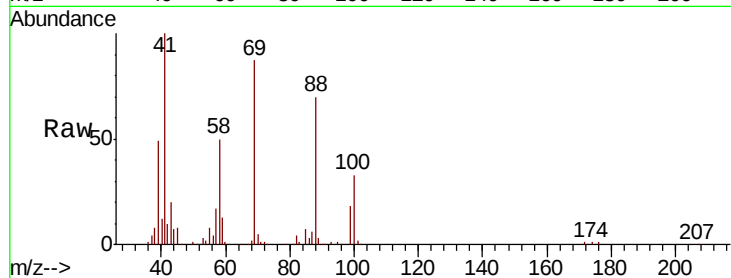




#49
 1,4-Dioxane
 Concen: 1207.782 ug/l
 RT: 6.59 min Scan# 1711
 Delta R.T. -0.00 min
 Lab File: VU034435.D
 Acq: 10 Sep 2019 08:54

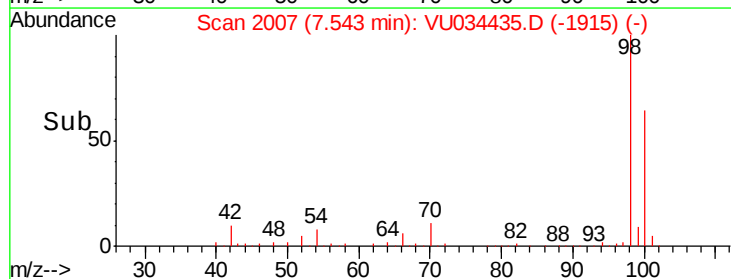
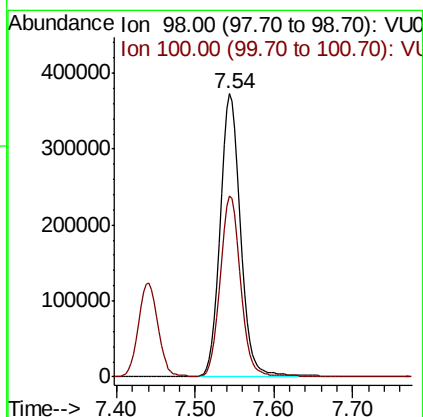
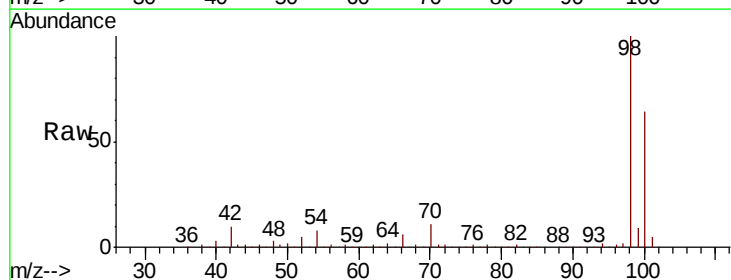
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

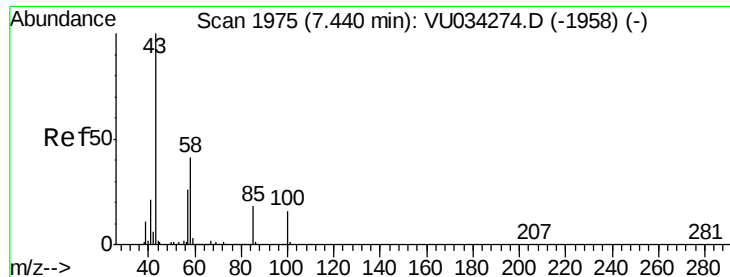
Tgt Ion: 88 Resp: 89191
 Ion Ratio Lower Upper
 88 100
 43 29.3 23.8 35.6
 58 73.6 58.4 87.6



#50
 Toluene-d8
 Concen: 53.504 ug/l
 RT: 7.54 min Scan# 2007
 Delta R.T. -0.00 min
 Lab File: VU034435.D
 Acq: 10 Sep 2019 08:54

Tgt Ion: 98 Resp: 665809
 Ion Ratio Lower Upper
 98 100
 100 63.5 51.7 77.5

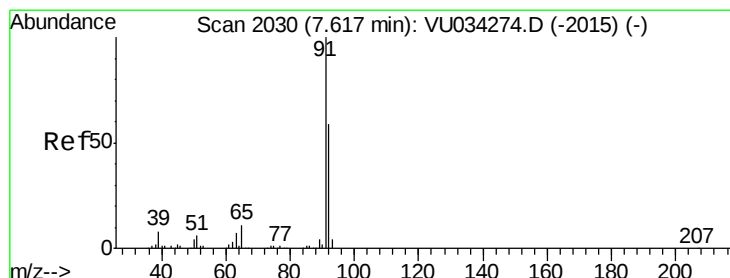
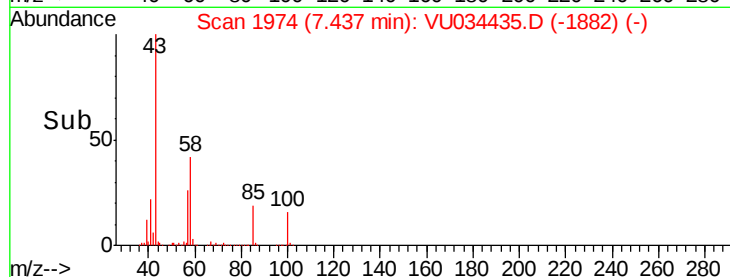
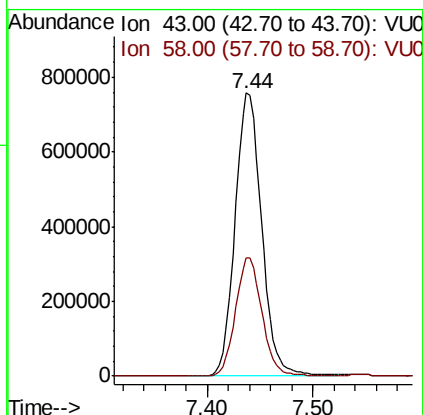
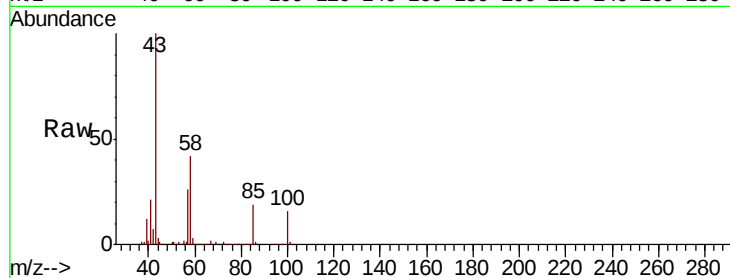




#51
 4-Methyl-2-Pentanone
 Concen: 268.179 ug/l
 RT: 7.44 min Scan# 1974
 Delta R.T. -0.00 min
 Lab File: VU034435.D
 Acq: 10 Sep 2019 08:54

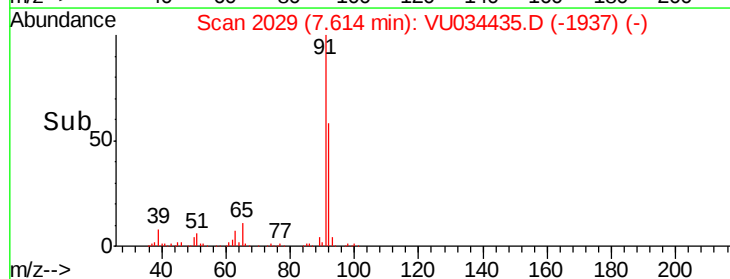
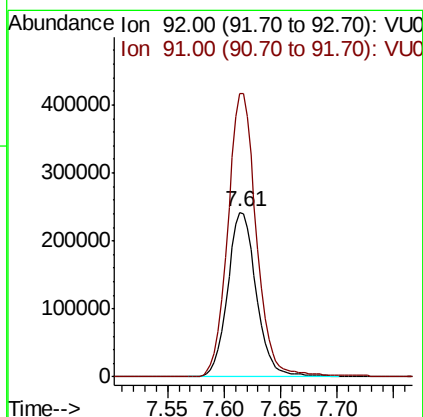
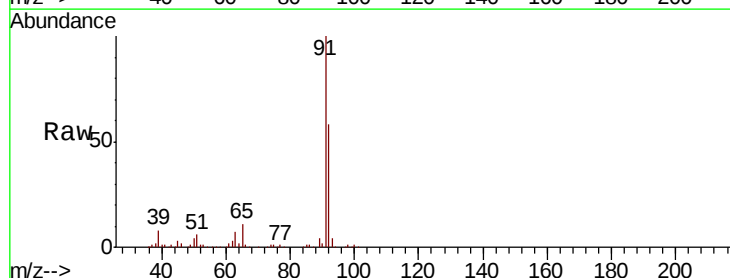
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

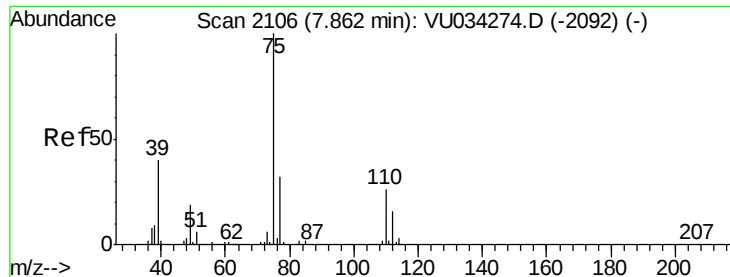
Tgt Ion: 43 Resp: 1321755
 Ion Ratio Lower Upper
 43 100
 58 41.7 33.0 49.4



#52
 Toluene
 Concen: 54.756 ug/l
 RT: 7.61 min Scan# 2029
 Delta R.T. -0.00 min
 Lab File: VU034435.D
 Acq: 10 Sep 2019 08:54

Tgt Ion: 92 Resp: 427875
 Ion Ratio Lower Upper
 92 100
 91 172.7 136.6 205.0





#53

t-1,3-Dichloropropene

Concen: 55.618 ug/l

RT: 7.86 min Scan# 2105

Delta R.T. -0.00 min

Lab File: VU034435.D

Acq: 10 Sep 2019 08:54

Instrument :

MSVOA_U

ClientSampleId :

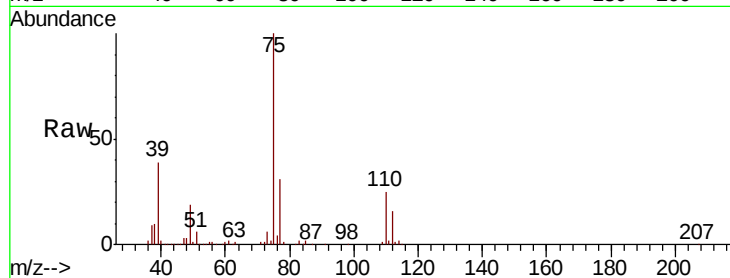
VSTDCCC050

Tgt Ion: 75 Resp: 271283

Ion Ratio Lower Upper

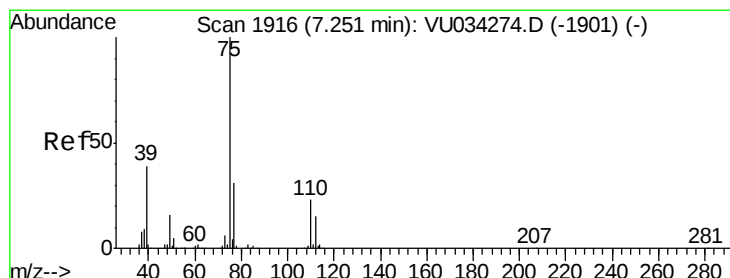
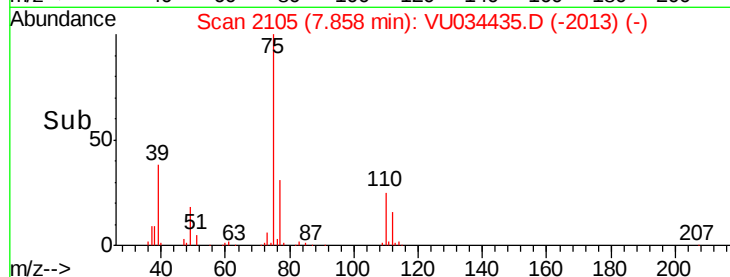
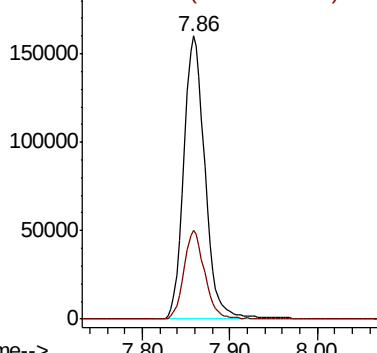
75 100

77 31.3 25.7 38.5



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 76.90 (76.60 to 77.60): VU0



#54

cis-1,3-Dichloropropene

Concen: 55.649 ug/l

RT: 7.25 min Scan# 1915

Delta R.T. -0.00 min

Lab File: VU034435.D

Acq: 10 Sep 2019 08:54

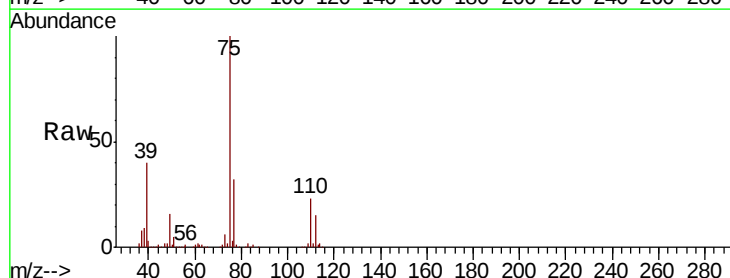
Tgt Ion: 75 Resp: 297908

Ion Ratio Lower Upper

75 100

77 32.0 25.1 37.7

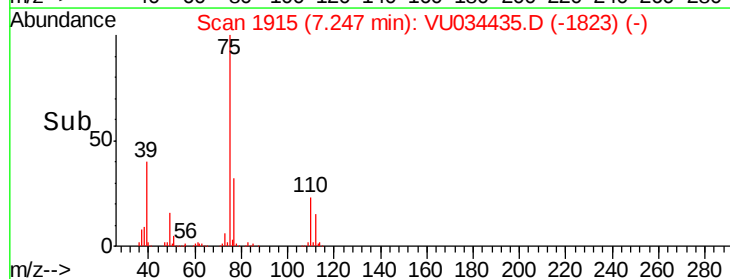
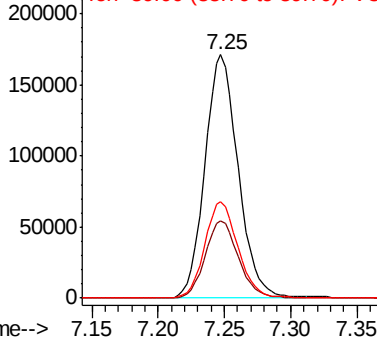
39 39.7 31.2 46.8

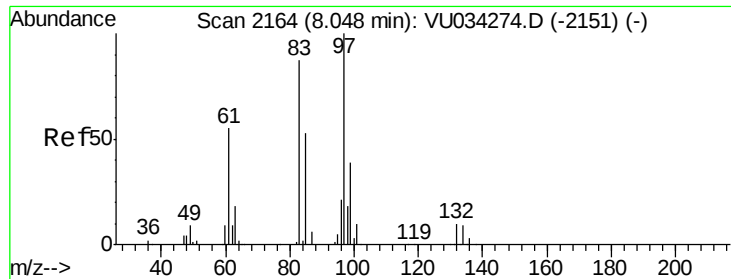


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 76.90 (76.60 to 77.60): VU0

Ion 39.00 (38.70 to 39.70): VU0

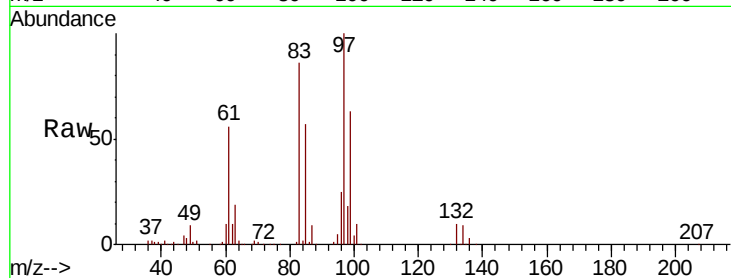




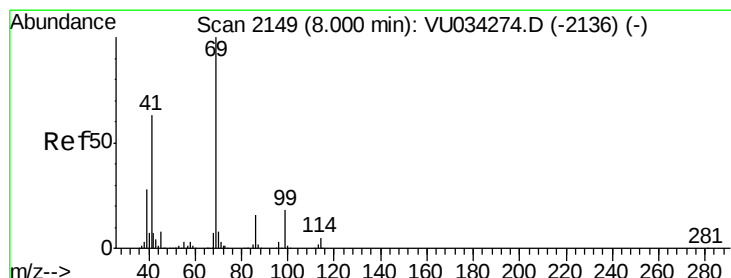
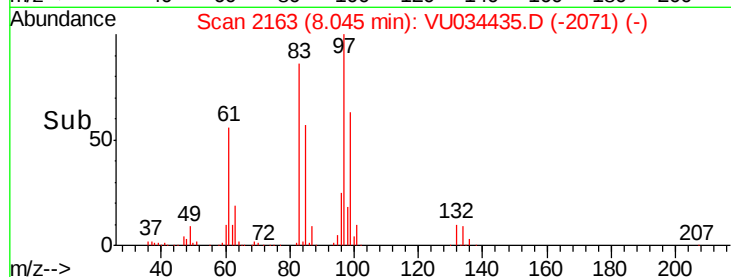
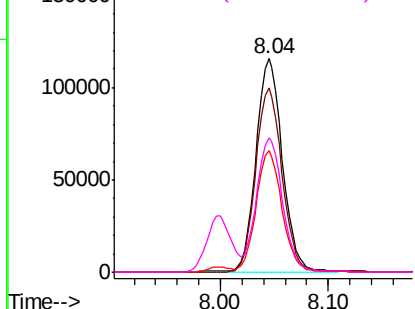
#55
1,1,2-Trichloroethane
Concen: 55.562 ug/l
RT: 8.04 min Scan# 2163
Delta R.T. -0.00 min
Lab File: VU034435.D
Acq: 10 Sep 2019 08:54

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion: 97 Resp: 197146
Ion Ratio Lower Upper
97 100
83 86.1 69.0 103.6
85 57.1 44.2 66.2
99 62.5 49.4 74.0

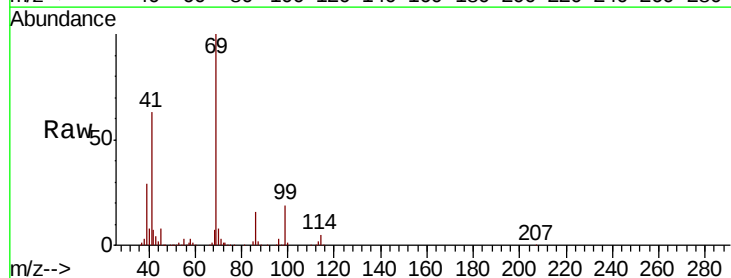


Abundance Ion 96.90 (96.60 to 97.60): VU0
Ion 82.90 (82.60 to 83.60): VU0
Ion 84.90 (84.60 to 85.60): VU0
Ion 98.90 (98.60 to 99.60): VU0

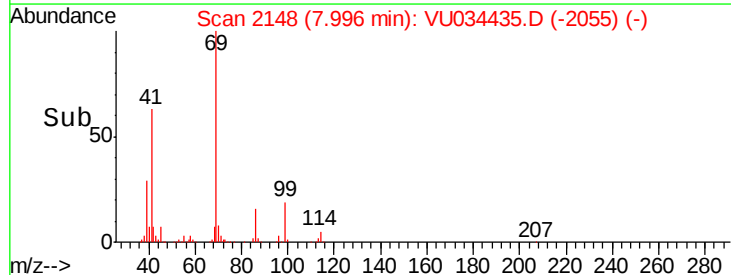
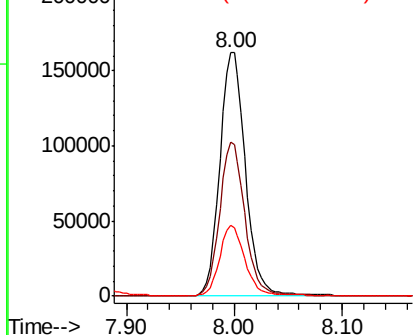


#56
Ethyl methacrylate
Concen: 49.774 ug/l
RT: 8.00 min Scan# 2148
Delta R.T. -0.00 min
Lab File: VU034435.D
Acq: 10 Sep 2019 08:54

Tgt Ion: 69 Resp: 268242
Ion Ratio Lower Upper
69 100
41 61.9 49.5 74.3
39 28.1 22.5 33.7



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





#57

1,3-Dichloropropane

Concen: 54.370 ug/l

RT: 8.22 min Scan# 2218

Delta R.T. -0.00 min

Lab File: VU034435.D

Acq: 10 Sep 2019 08:54

Instrument :

MSVOA_U

ClientSampleId :

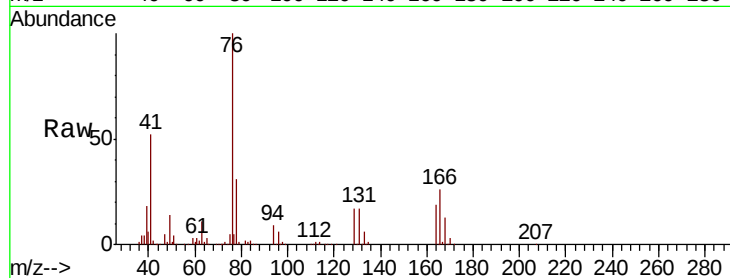
VSTDCCC050

Tgt Ion: 76 Resp: 314136

Ion Ratio Lower Upper

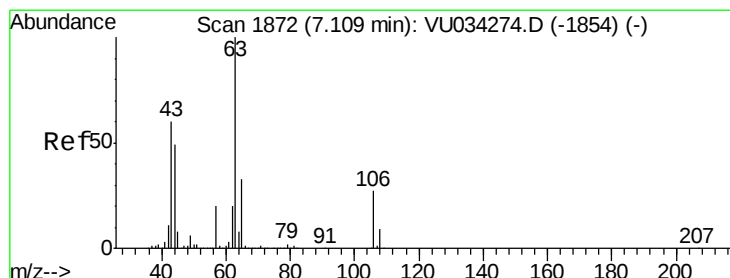
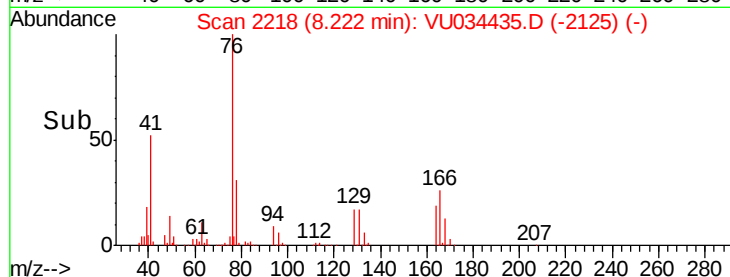
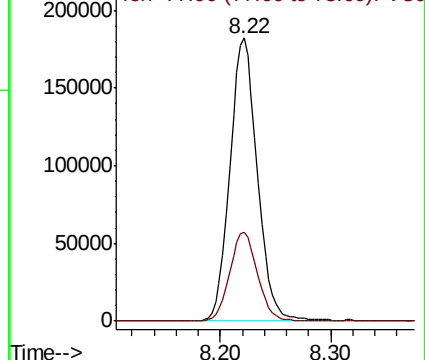
76 100

78 31.8 25.4 38.2



Abundance Ion 75.90 (75.60 to 76.60): VU0

Ion 77.90 (77.60 to 78.60): VU0



#58

2-Chloroethyl Vinyl ether

Concen: 247.800 ug/l

RT: 7.11 min Scan# 1871

Delta R.T. -0.00 min

Lab File: VU034435.D

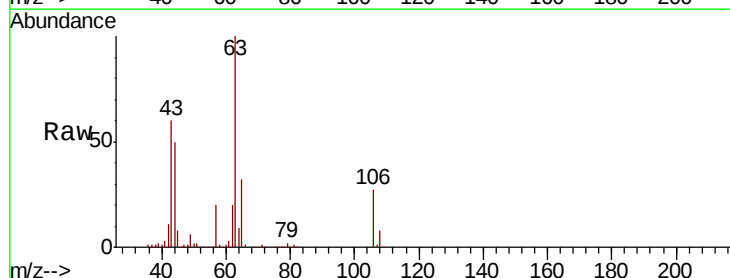
Acq: 10 Sep 2019 08:54

Tgt Ion: 63 Resp: 451654

Ion Ratio Lower Upper

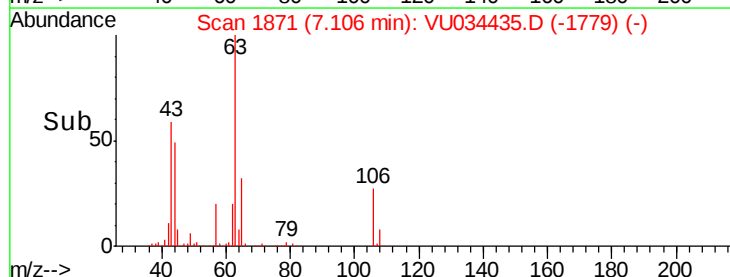
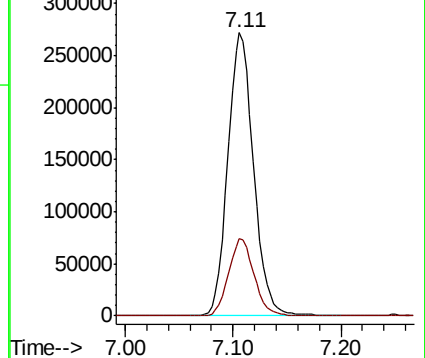
63 100

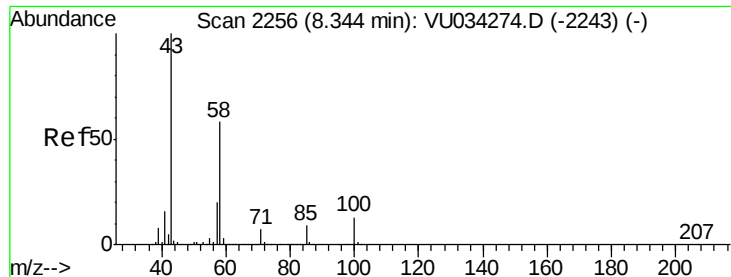
106 27.0 21.6 32.4



Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 105.90 (105.60 to 106.60): V

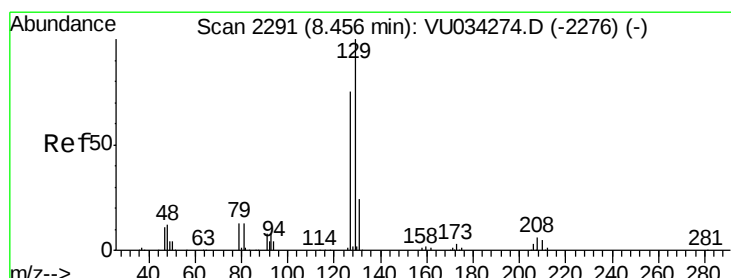
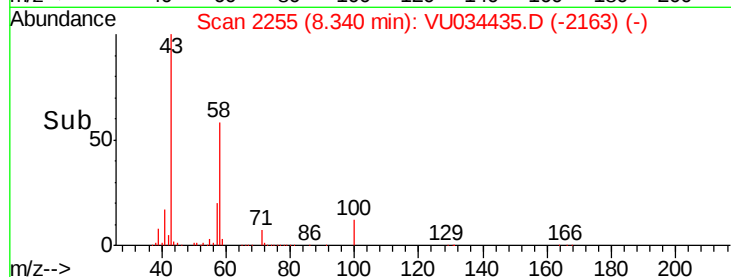
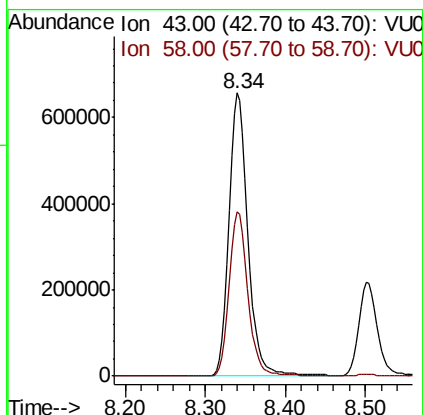
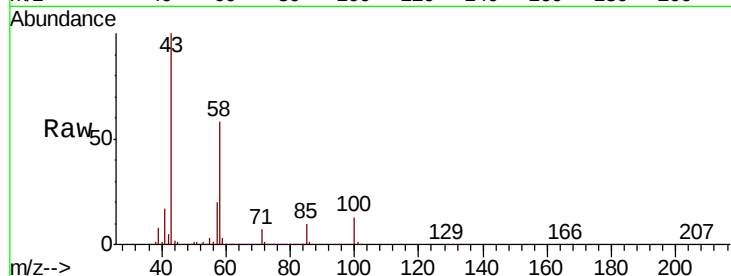




#59
2-Hexanone
Concen: 290.236 ug/l
RT: 8.34 min Scan# 2255
Delta R.T. -0.00 min
Lab File: VU034435.D
Acq: 10 Sep 2019 08:54

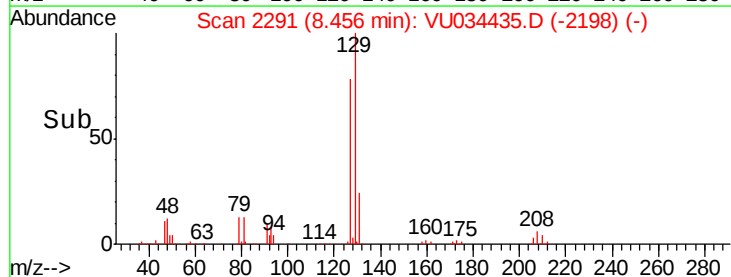
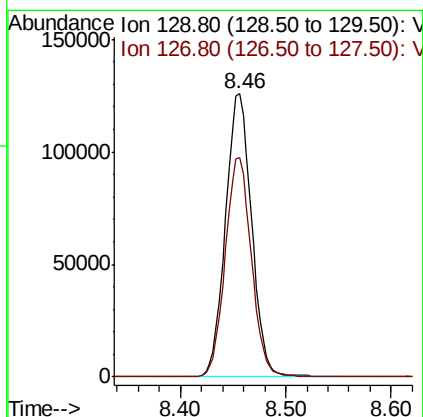
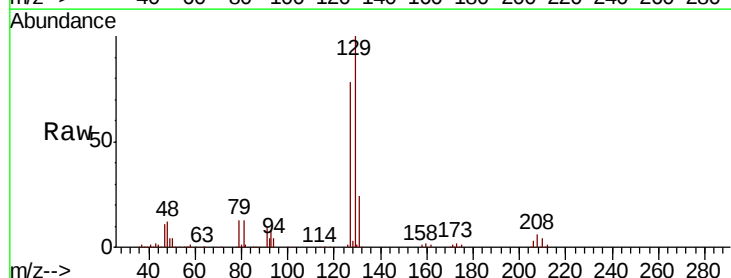
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 1068632
Ion Ratio Lower Upper
43 100
58 58.0 28.8 86.5



#60
Dibromochloromethane
Concen: 56.674 ug/l
RT: 8.46 min Scan# 2291
Delta R.T. -0.00 min
Lab File: VU034435.D
Acq: 10 Sep 2019 08:54

Tgt Ion: 129 Resp: 215692
Ion Ratio Lower Upper
129 100
127 77.8 37.9 113.7





#61

1,2-Dibromoethane

Concen: 55.206 ug/l

RT: 8.57 min Scan# 2325

Delta R.T. -0.00 min

Lab File: VU034435.D

Acq: 10 Sep 2019 08:54

Instrument :

MSVOA_U

ClientSampleId :

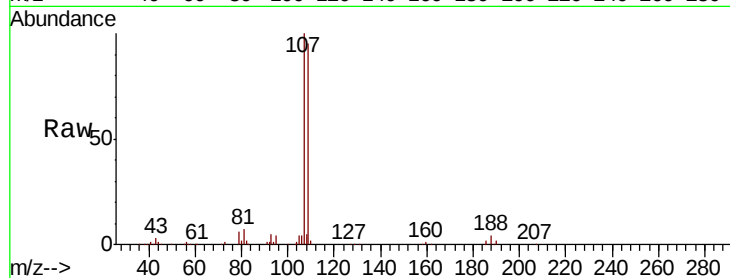
VSTDCCC050

Tgt Ion: 107 Resp: 191723

Ion Ratio Lower Upper

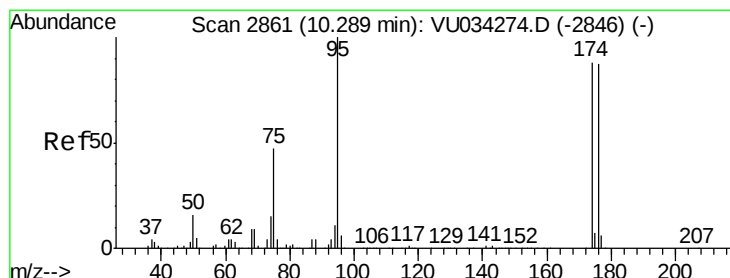
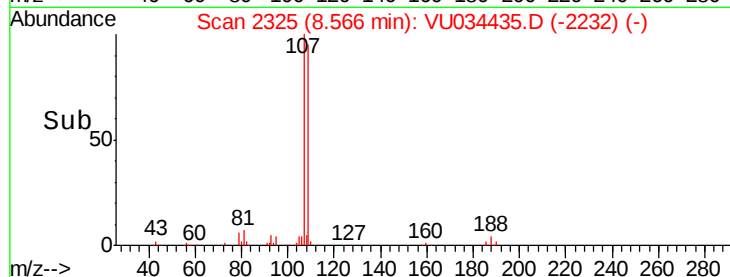
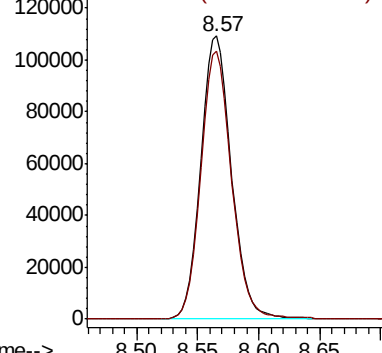
107 100

109 94.7 75.0 112.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 52.976 ug/l

RT: 10.29 min Scan# 2860

Delta R.T. -0.00 min

Lab File: VU034435.D

Acq: 10 Sep 2019 08:54

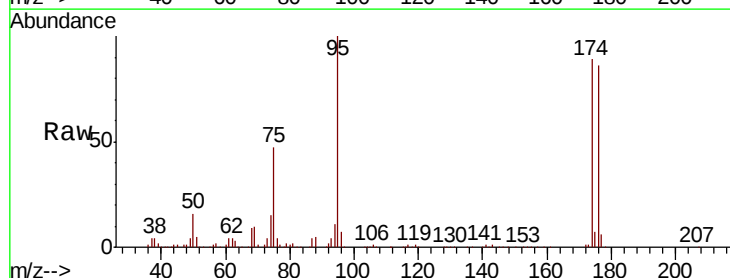
Tgt Ion: 95 Resp: 254530

Ion Ratio Lower Upper

95 100

174 88.7 0.0 175.2

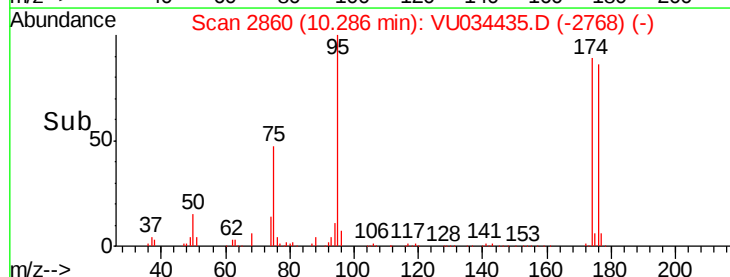
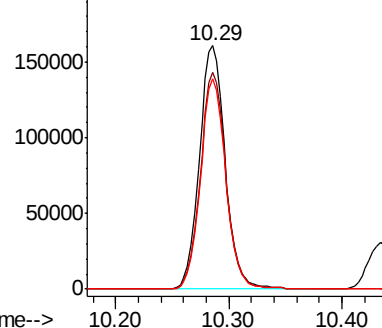
176 85.0 0.0 168.0

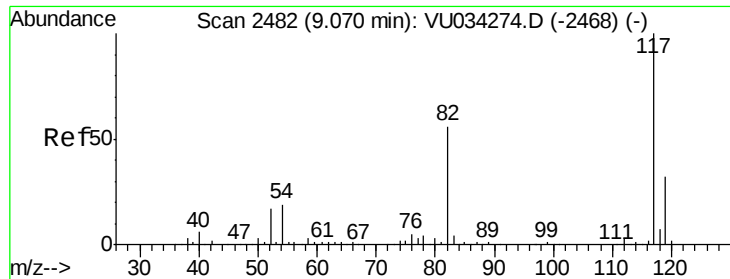


Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

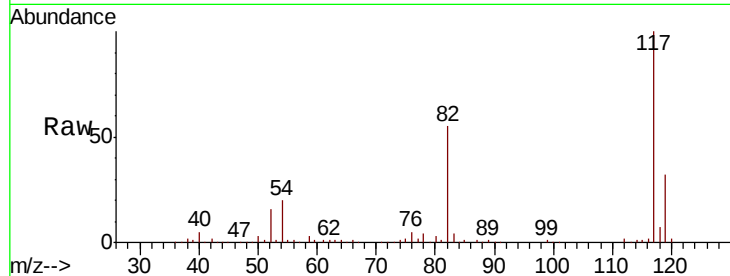




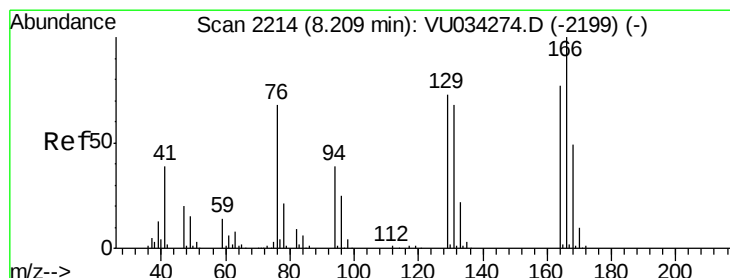
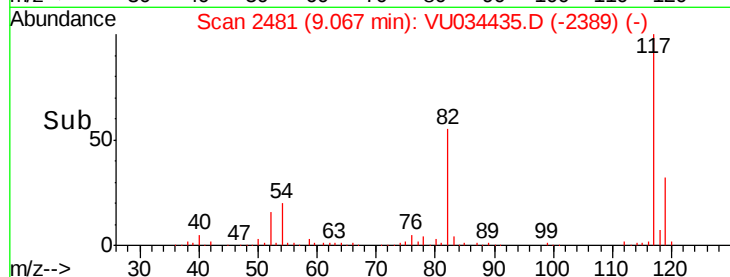
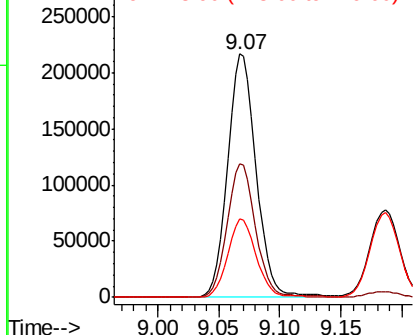
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2481
Delta R.T. -0.00 min
Lab File: VU034435.D
Acq: 10 Sep 2019 08:54

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion:117 Resp: 355575
Ion Ratio Lower Upper
117 100
82 55.1 44.6 67.0
119 32.0 25.9 38.9



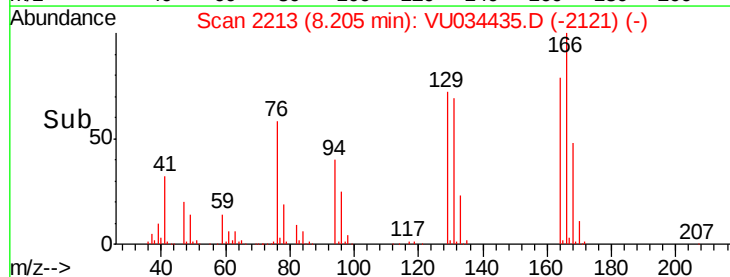
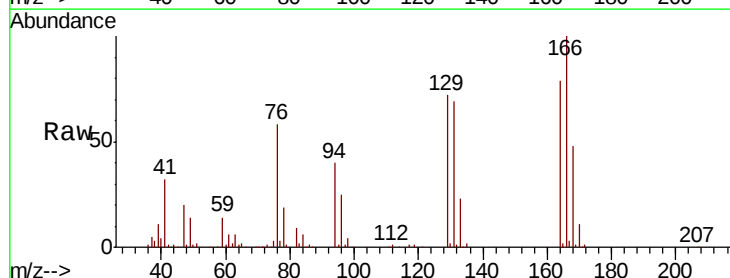
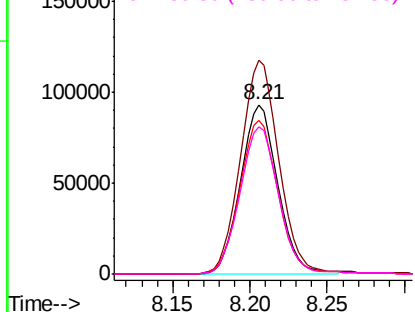
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

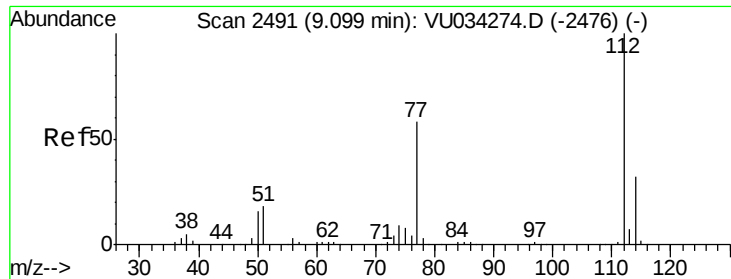


#64
Tetrachloroethene
Concen: 50.783 ug/l
RT: 8.21 min Scan# 2213
Delta R.T. -0.00 min
Lab File: VU034435.D
Acq: 10 Sep 2019 08:54

Tgt Ion:164 Resp: 156655
Ion Ratio Lower Upper
164 100
166 126.4 103.7 155.5
129 91.3 75.8 113.8
131 87.3 70.7 106.1

Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

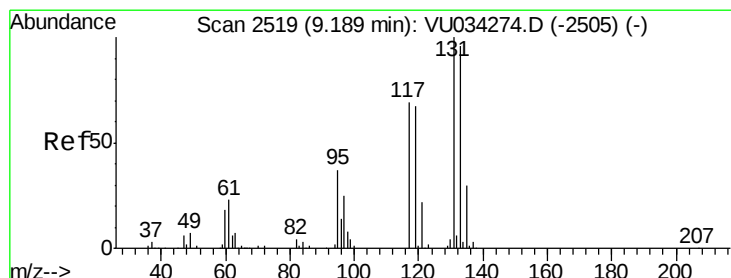
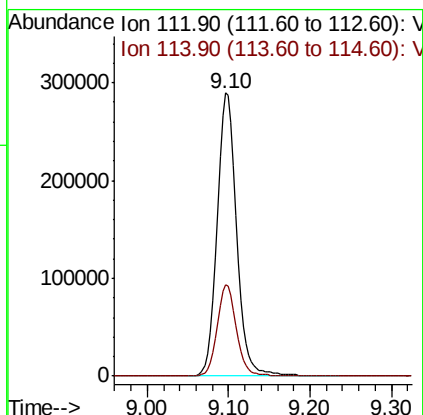
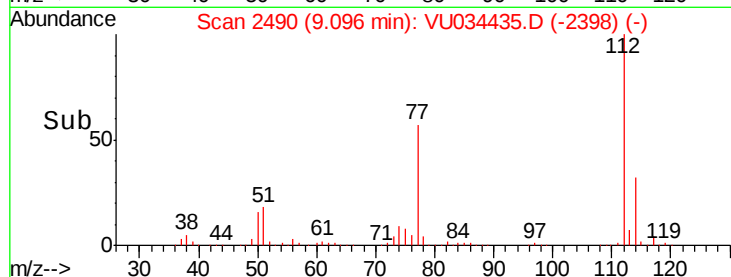
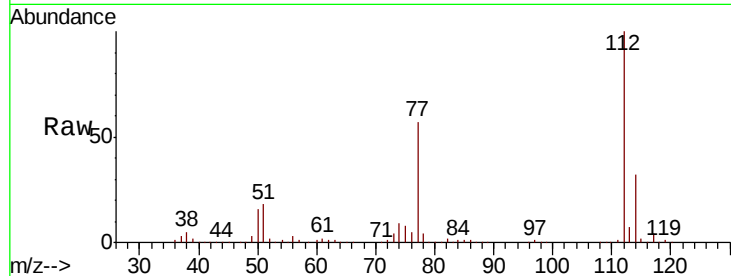




#65
Chlorobenzene
Concen: 54.515 ug/l
RT: 9.10 min Scan# 2490
Delta R.T. -0.00 min
Lab File: VU034435.D
Acq: 10 Sep 2019 08:54

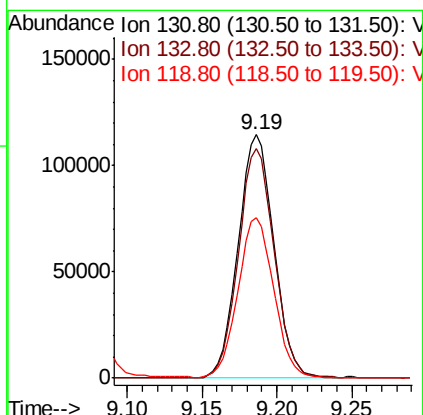
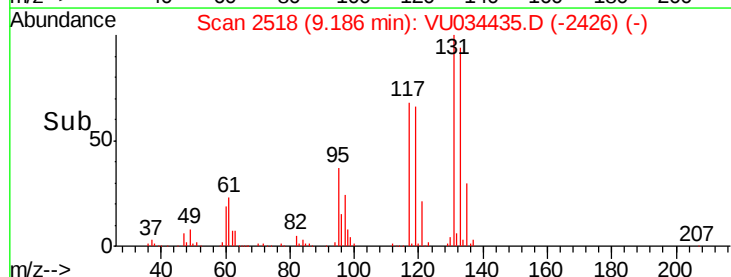
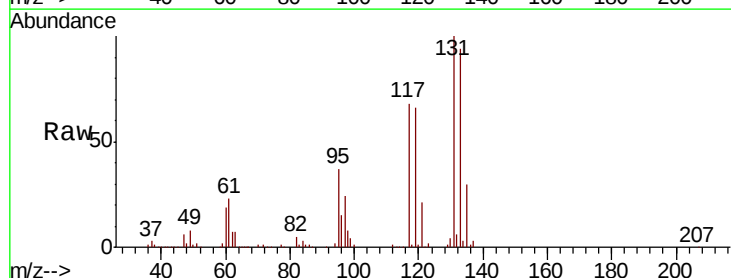
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

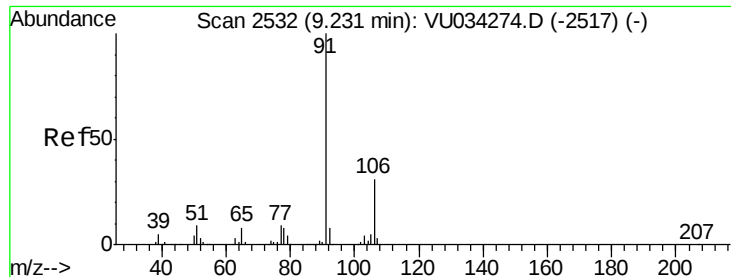
Tgt Ion:112 Resp: 491785
Ion Ratio Lower Upper
112 100
114 32.3 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 55.390 ug/l
RT: 9.19 min Scan# 2518
Delta R.T. -0.00 min
Lab File: VU034435.D
Acq: 10 Sep 2019 08:54

Tgt Ion:131 Resp: 190693
Ion Ratio Lower Upper
131 100
133 94.5 47.9 143.7
119 65.7 33.1 99.5





#67

Ethyl Benzene

Concen: 55.463 ug/l

RT: 9.23 min Scan# 2531

Delta R.T. -0.00 min

Lab File: VU034435.D

Acq: 10 Sep 2019 08:54

Instrument :

MSVOA_U

ClientSampleId :

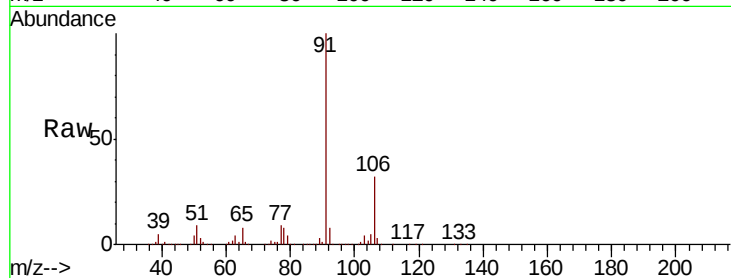
VSTDCCC050

Tgt Ion: 91 Resp: 818084

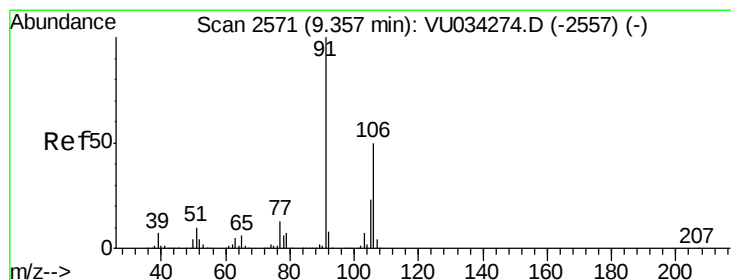
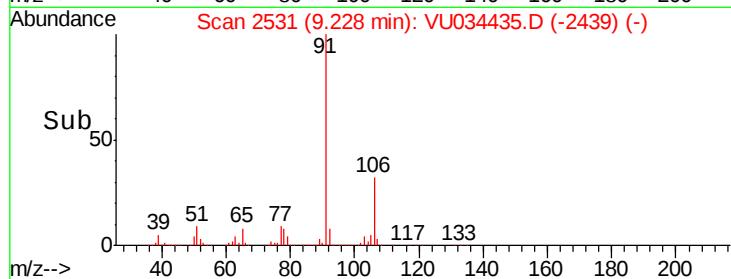
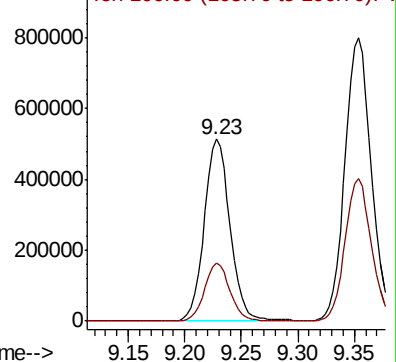
Ion Ratio Lower Upper

91 100

106 31.7 24.8 37.2



Abundance Ion 91.00 (90.70 to 91.70): VU034274.D (-2517) (-)



#68

m/p-Xylenes

Concen: 118.445 ug/l

RT: 9.35 min Scan# 2570

Delta R.T. -0.00 min

Lab File: VU034435.D

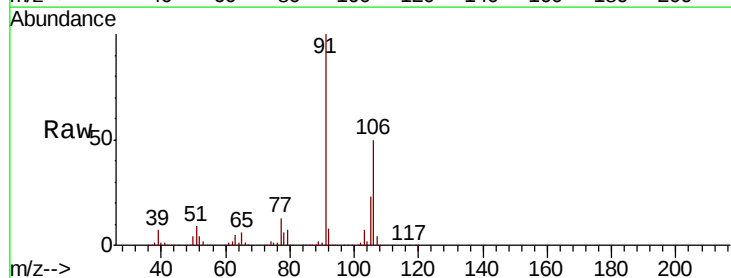
Acq: 10 Sep 2019 08:54

Tgt Ion: 106 Resp: 657879

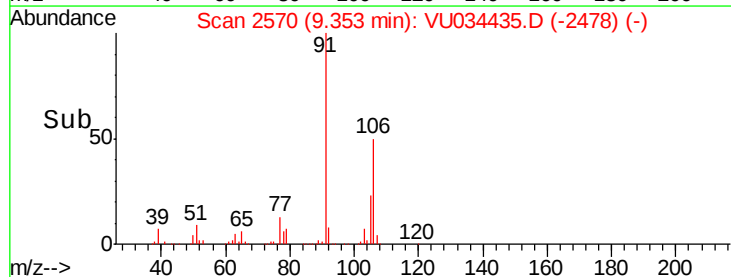
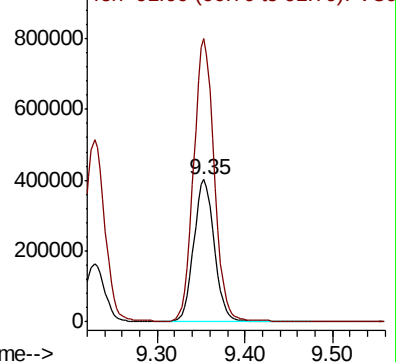
Ion Ratio Lower Upper

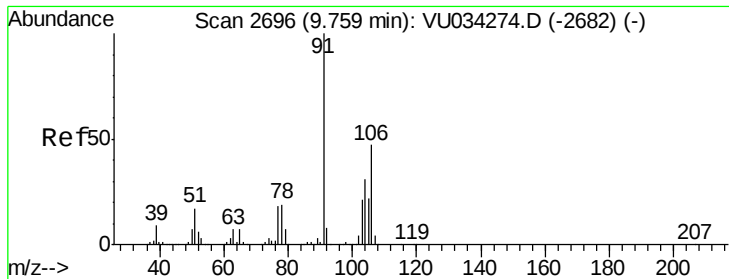
106 100

91 198.8 160.1 240.1



Abundance Ion 106.00 (105.70 to 106.70): VU034274.D (-2557) (-)

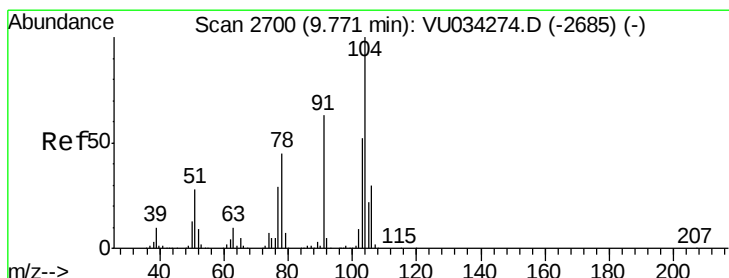
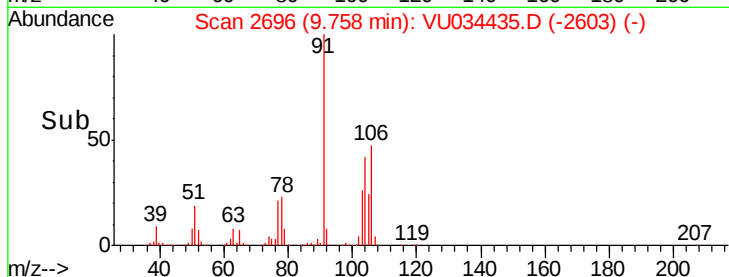
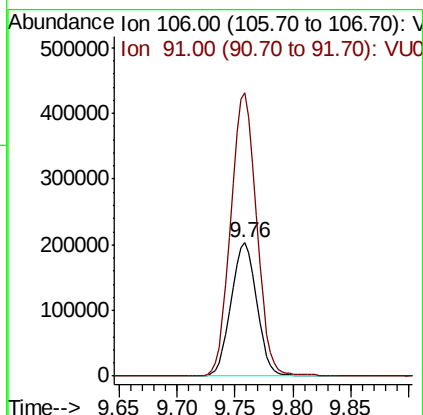
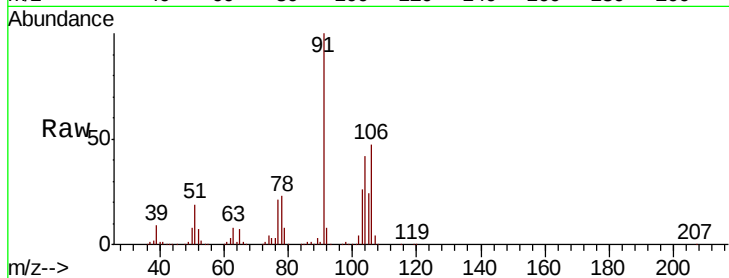




#69
o-Xylene
Concen: 57.321 ug/l
RT: 9.76 min Scan# 2696
Delta R.T. -0.00 min
Lab File: VU034435.D
Acq: 10 Sep 2019 08:54

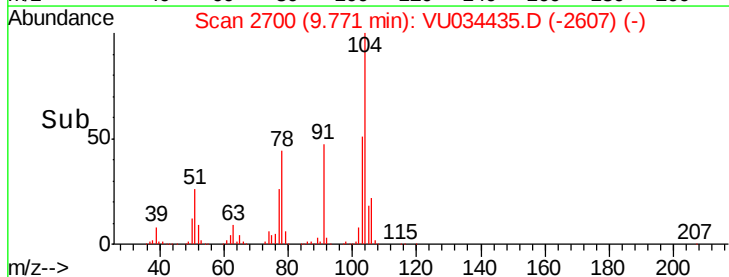
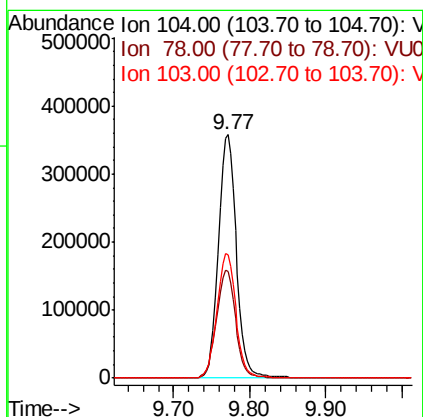
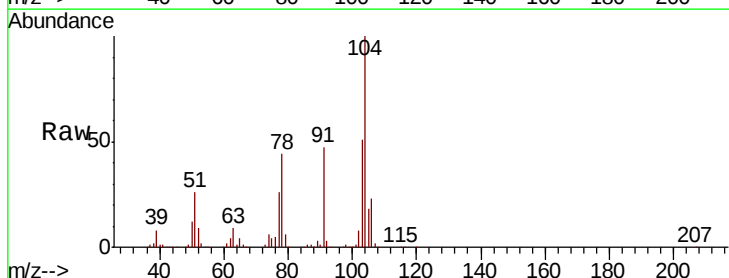
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

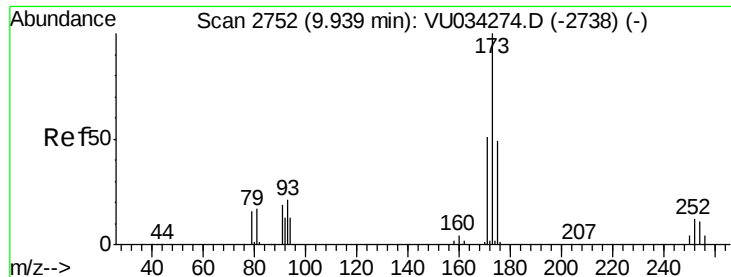
Tgt Ion:106 Resp: 311357
Ion Ratio Lower Upper
106 100
91 212.9 105.1 315.3



#70
Styrene
Concen: 61.251 ug/l
RT: 9.77 min Scan# 2700
Delta R.T. -0.00 min
Lab File: VU034435.D
Acq: 10 Sep 2019 08:54

Tgt Ion:104 Resp: 583325
Ion Ratio Lower Upper
104 100
78 47.4 38.6 57.8
103 54.1 44.2 66.4





#71

Bromoform

Concen: 57.198 ug/l

RT: 9.94 min Scan# 2751

Delta R.T. -0.00 min

Lab File: VU034435.D

Acq: 10 Sep 2019 08:54

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

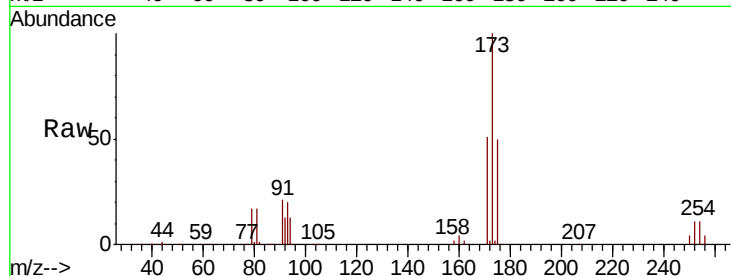
Tgt Ion:173 Resp: 170662

Ion Ratio Lower Upper

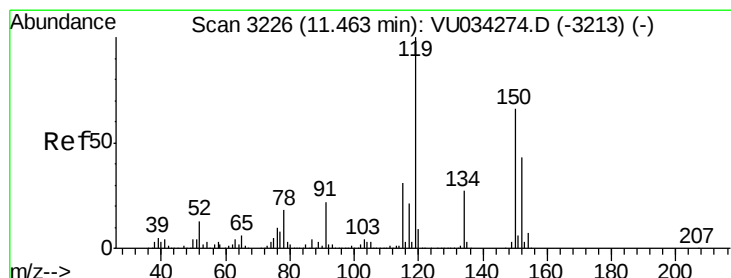
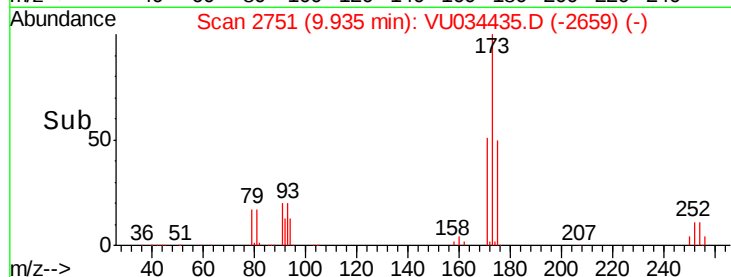
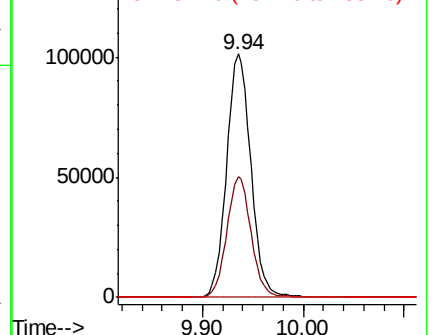
173 100

175 49.4 24.4 73.2

254 0.2 0.0 0.0#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.46 min Scan# 3225

Delta R.T. -0.00 min

Lab File: VU034435.D

Acq: 10 Sep 2019 08:54

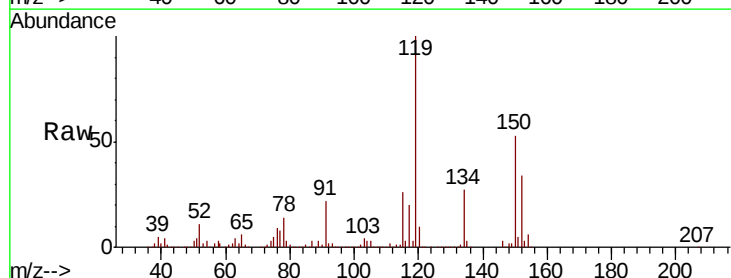
Tgt Ion:152 Resp: 248377

Ion Ratio Lower Upper

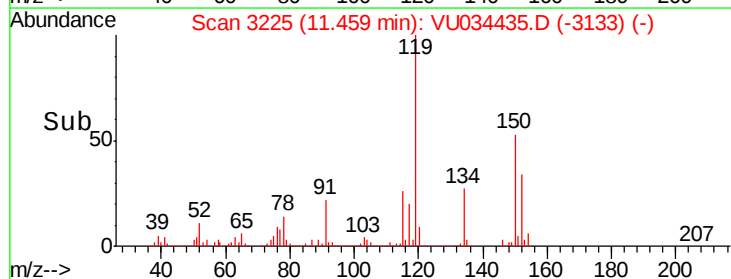
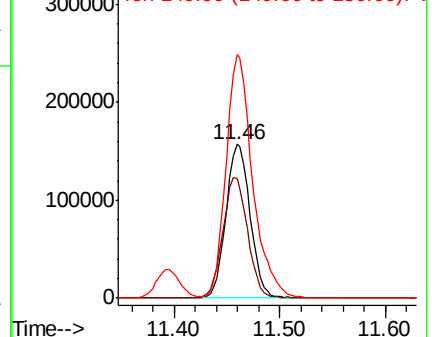
152 100

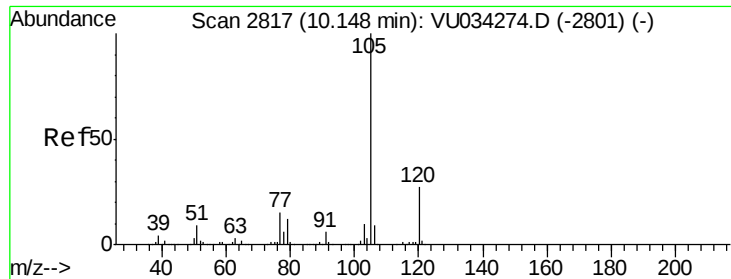
115 80.1 39.1 117.3

150 174.2 0.0 345.4



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





#73

Isopropylbenzene

Concen: 53.975 ug/l

RT: 10.14 min Scan# 2816

Delta R.T. -0.00 min

Lab File: VU034435.D

Acq: 10 Sep 2019 08:54

Instrument :

MSVOA_U

ClientSampleId :

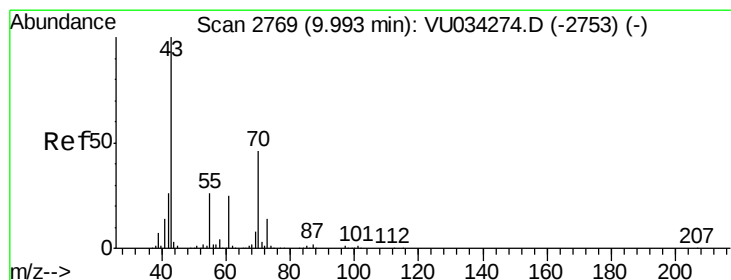
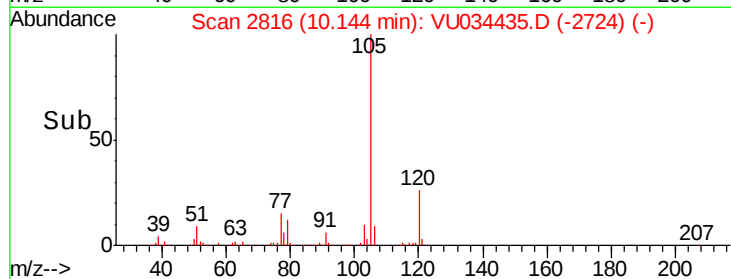
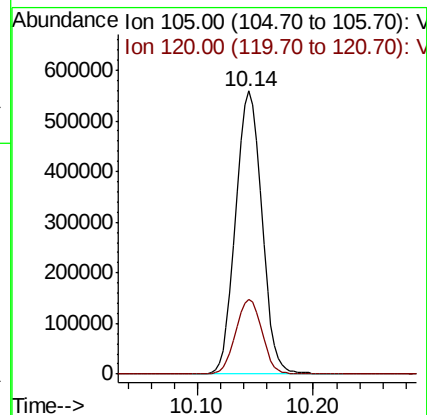
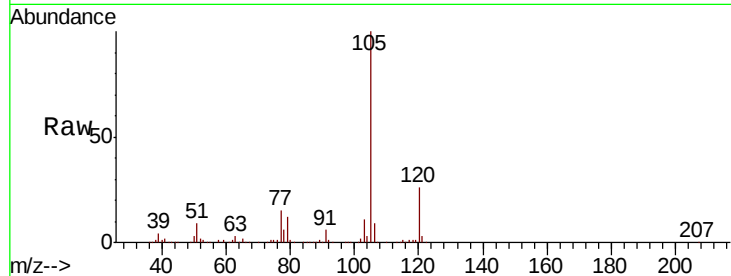
VSTDCCC050

Tgt Ion:105 Resp: 872437

Ion Ratio Lower Upper

105 100

120 26.5 13.4 40.2



#74

N-ethyl acetate

Concen: 54.478 ug/l

RT: 9.99 min Scan# 2769

Delta R.T. -0.00 min

Lab File: VU034435.D

Acq: 10 Sep 2019 08:54

Tgt Ion: 43 Resp: 354452

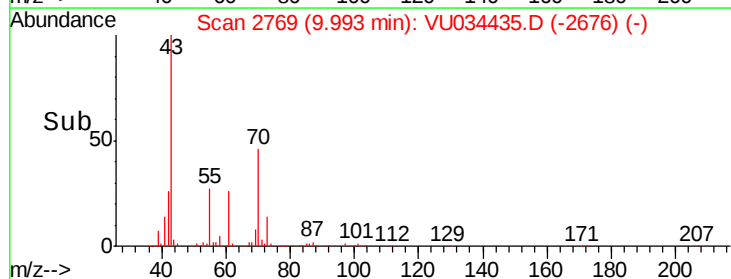
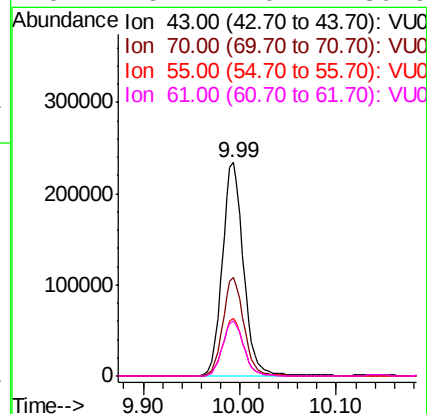
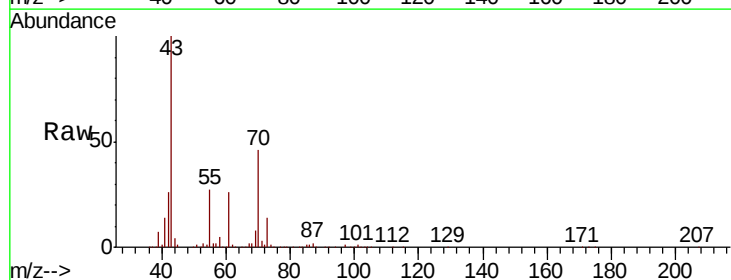
Ion Ratio Lower Upper

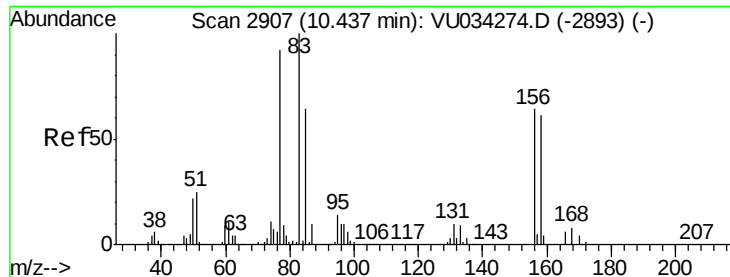
43 100

70 45.9 36.4 54.6

55 26.8 21.2 31.8

61 25.7 20.4 30.6





#75

1,1,2,2-Tetrachloroethane

Concen: 50.931 ug/l

RT: 10.43 min Scan# 2906

Delta R.T. -0.00 min

Lab File: VU034435.D

Acq: 10 Sep 2019 08:54

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

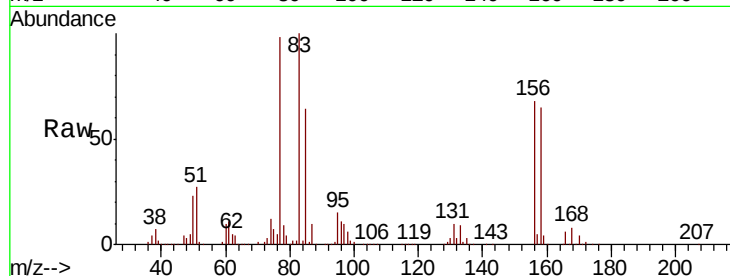
Tgt Ion: 83 Resp: 333227

Ion Ratio Lower Upper

83 100

131 10.2 5.1 15.2

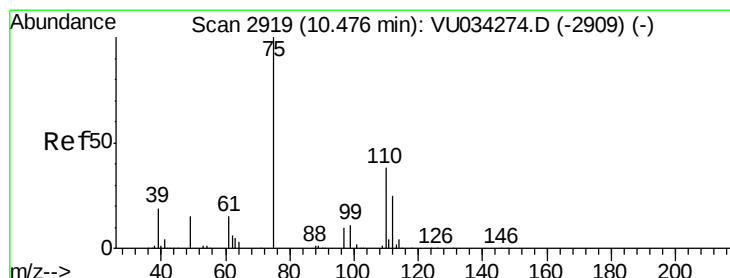
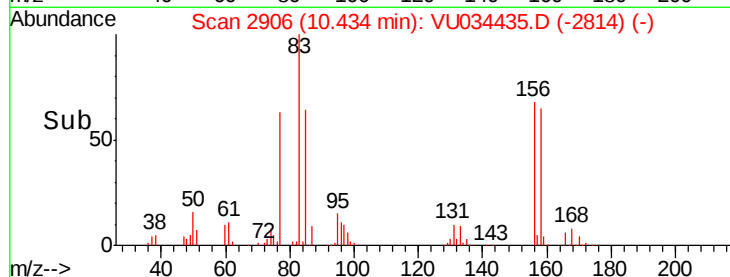
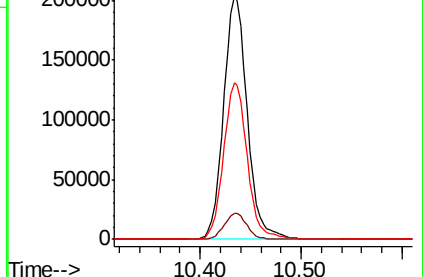
85 64.6 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VU034435.D (-2893) (-)

Ion 130.80 (130.50 to 131.50): VU034435.D (-2893) (-)

Ion 84.90 (84.60 to 85.60): VU034435.D (-2893) (-)



#76

1,2,3-Trichloropropane

Concen: 67.048 ug/l

RT: 10.47 min Scan# 2918

Delta R.T. -0.00 min

Lab File: VU034435.D

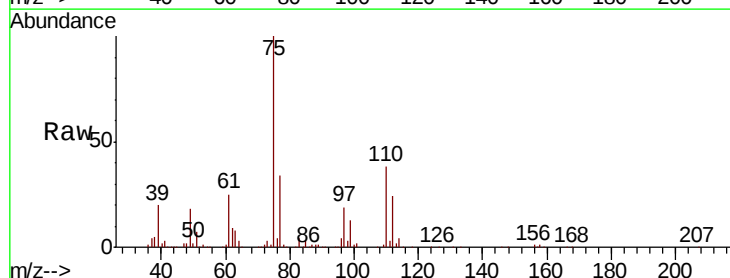
Acq: 10 Sep 2019 08:54

Tgt Ion: 75 Resp: 363510

Ion Ratio Lower Upper

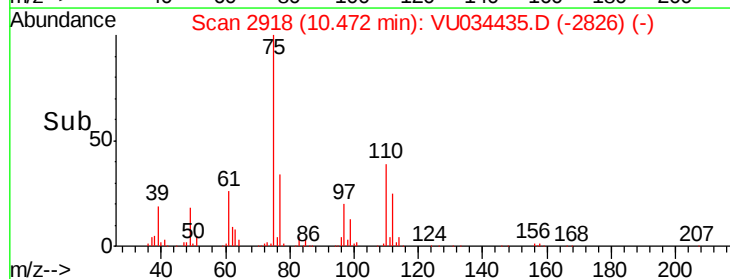
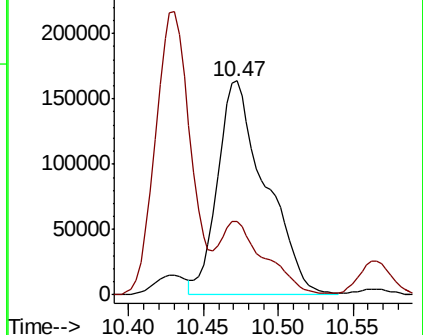
75 100

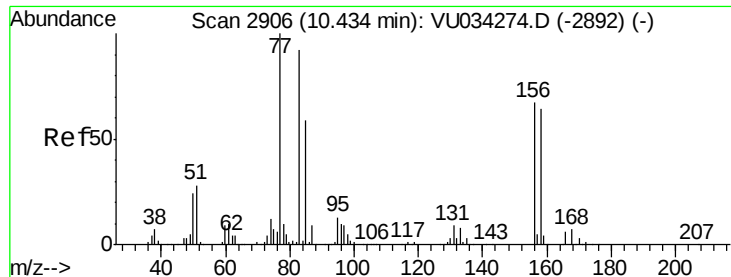
77 31.8 20.8 62.2



Abundance Ion 74.90 (74.60 to 75.60): VU034435.D (-2826) (-)

Ion 77.00 (76.70 to 77.70): VU034435.D (-2826) (-)





#77

Bromobenzene

Concen: 52.508 ug/l

RT: 10.43 min Scan# 2905

Delta R.T. -0.00 min

Lab File: VU034435.D

Acq: 10 Sep 2019 08:54

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

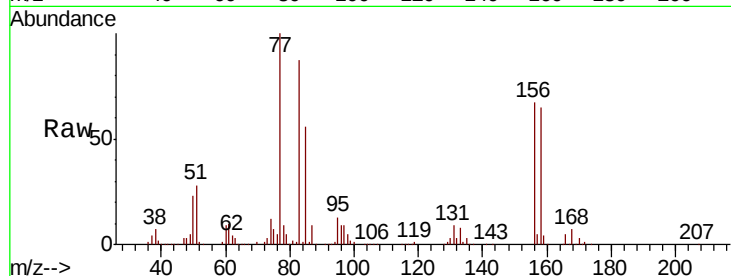
Tgt Ion:156 Resp: 237315

Ion Ratio Lower Upper

156 100

77 149.9 75.6 226.9

158 97.8 48.2 144.6

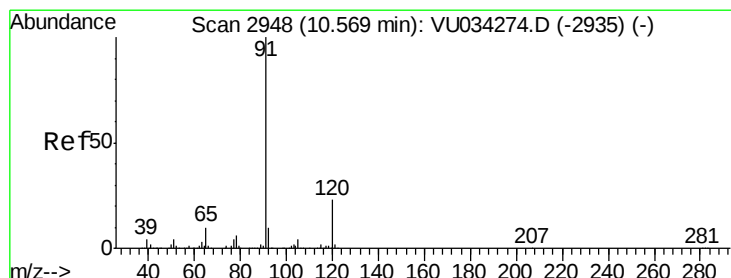
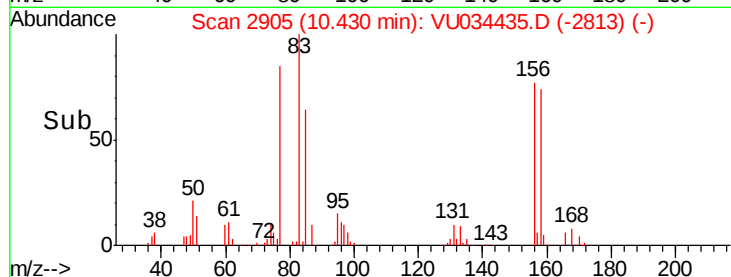
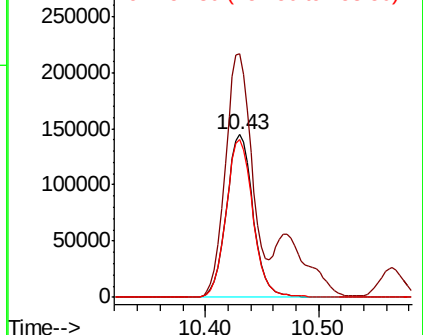


Abundance

Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VU0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 55.210 ug/l

RT: 10.57 min Scan# 2947

Delta R.T. -0.00 min

Lab File: VU034435.D

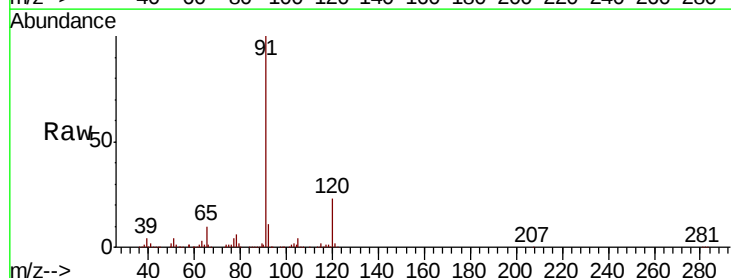
Acq: 10 Sep 2019 08:54

Tgt Ion: 91 Resp: 1030632

Ion Ratio Lower Upper

91 100

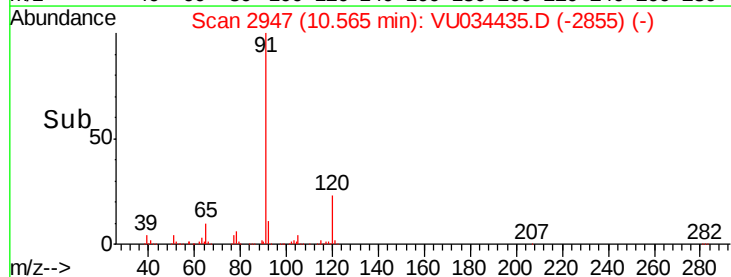
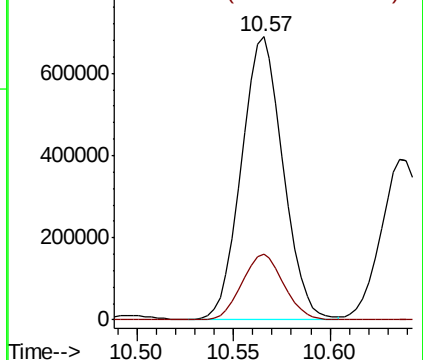
120 23.4 11.7 35.0

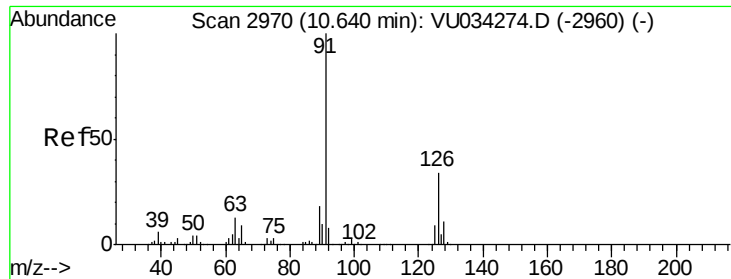


Abundance

Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 54.474 ug/l

RT: 10.64 min Scan# 2969

Delta R.T. -0.00 min

Lab File: VU034435.D

Acq: 10 Sep 2019 08:54

Instrument :

MSVOA_U

ClientSampleId :

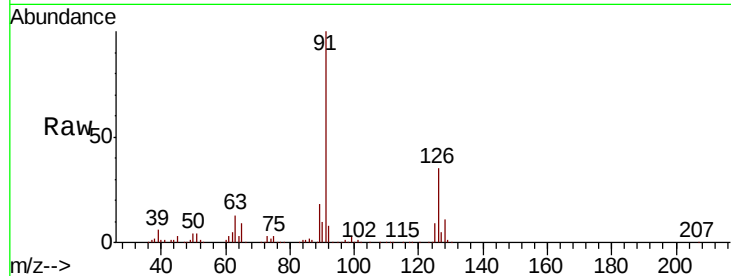
VSTDCCC050

Tgt Ion: 91 Resp: 620466

Ion Ratio Lower Upper

91 100

126 34.6 17.3 51.9



Abundance Ion 91.00 (90.70 to 91.70): VU034435.D (-2960) (-)

Ion 125.90 (125.60 to 126.60): VU034435.D (-2960) (-)

800000

600000

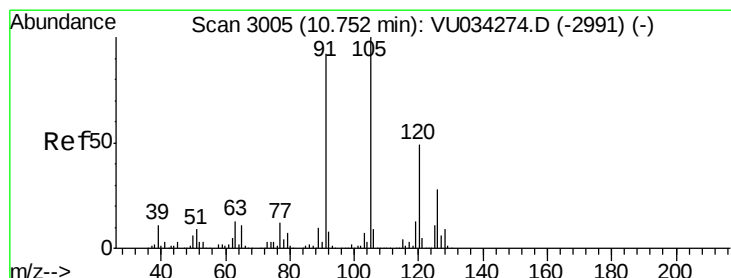
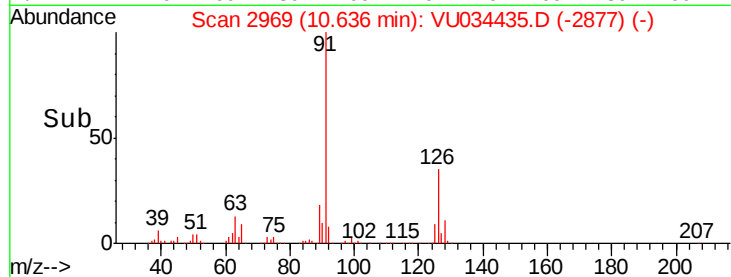
400000

200000

0

10.60 10.65 10.70

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 58.077 ug/l

RT: 10.75 min Scan# 3004

Delta R.T. -0.00 min

Lab File: VU034435.D

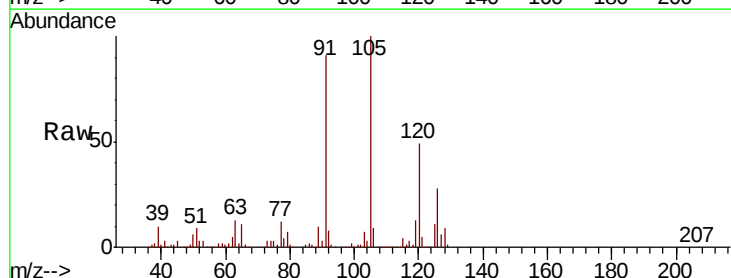
Acq: 10 Sep 2019 08:54

Tgt Ion: 105 Resp: 785111

Ion Ratio Lower Upper

105 100

120 49.2 24.9 74.7



Abundance Ion 105.00 (104.70 to 105.70): VU034435.D (-2991) (-)

Ion 120.00 (119.70 to 120.70): VU034435.D (-2991) (-)

600000

500000

400000

300000

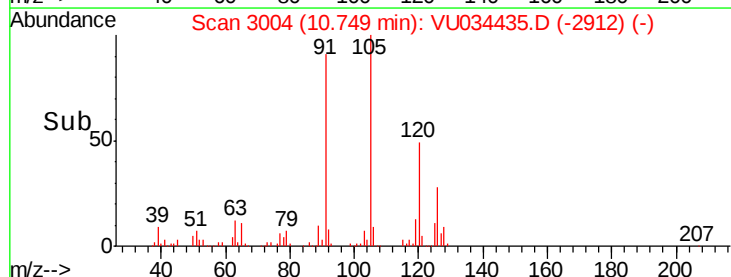
200000

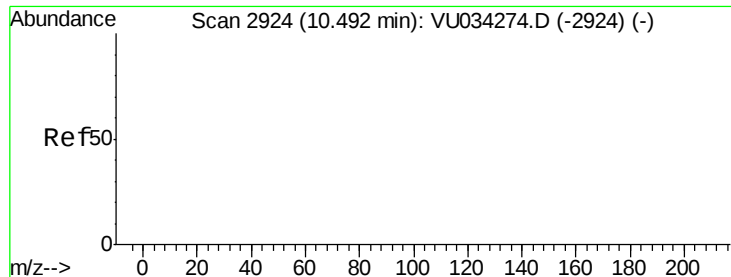
100000

0

10.70 10.80

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 226.627 ug/l

RT: 10.47 min Scan# 2918

Delta R.T. -0.02 min

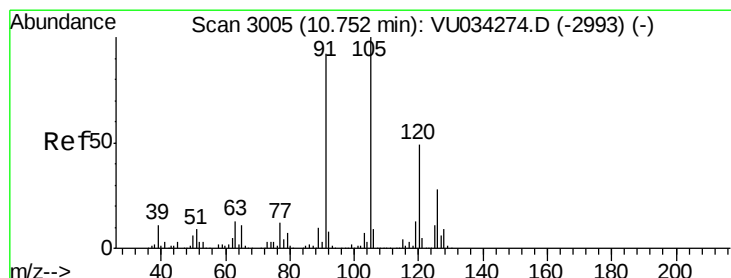
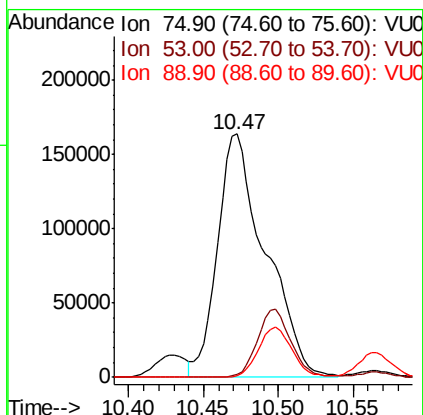
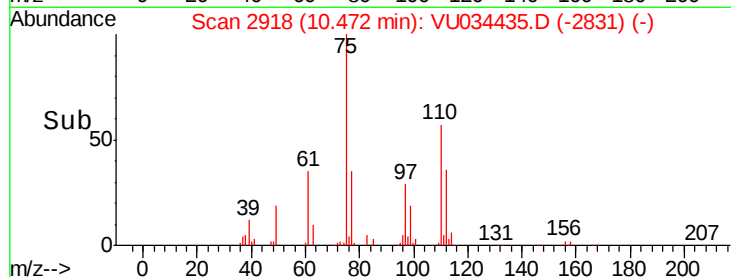
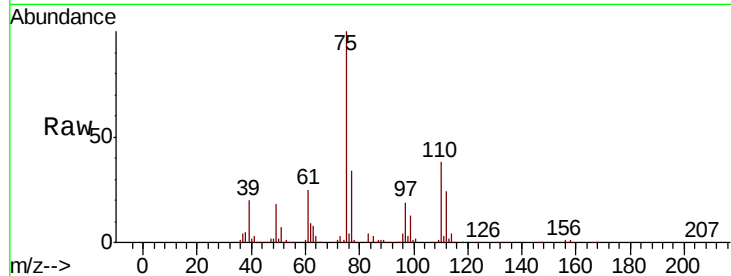
Lab File: VU034435.D

Acq: 10 Sep 2019 08:54

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 365361

Ion	Ratio	Lower	Upper
75	100		
53	0.0	0.0	0.0
89	0.0	0.0	0.0



#82

4-Chlorotoluene

Concen: 55.312 ug/l

RT: 10.75 min Scan# 3004

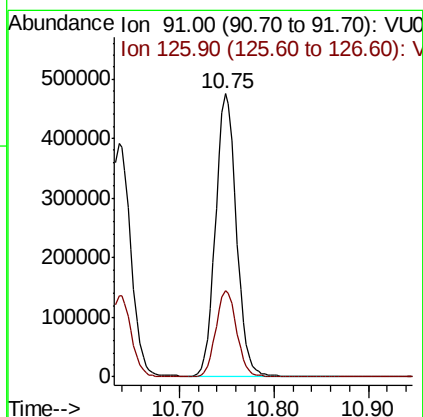
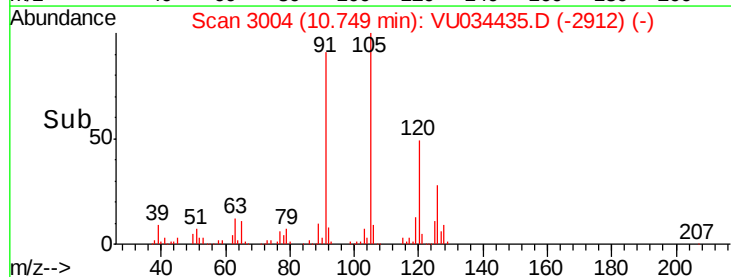
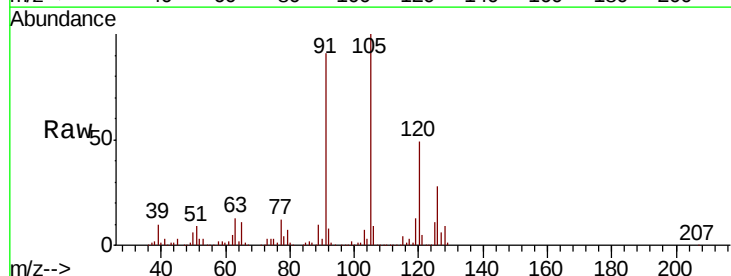
Delta R.T. -0.00 min

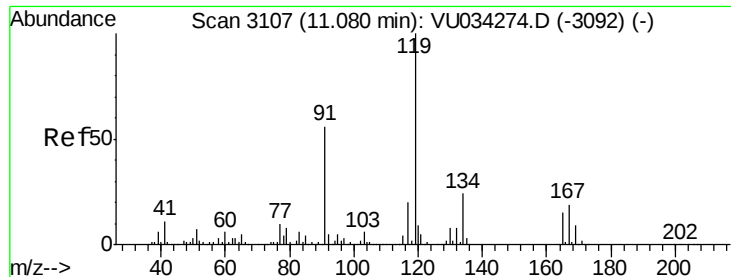
Lab File: VU034435.D

Acq: 10 Sep 2019 08:54

Tgt Ion: 91 Resp: 725014

Ion	Ratio	Lower	Upper
91	100		
126	30.6	15.3	45.8

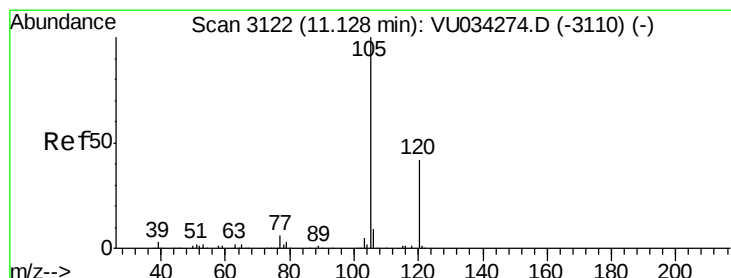
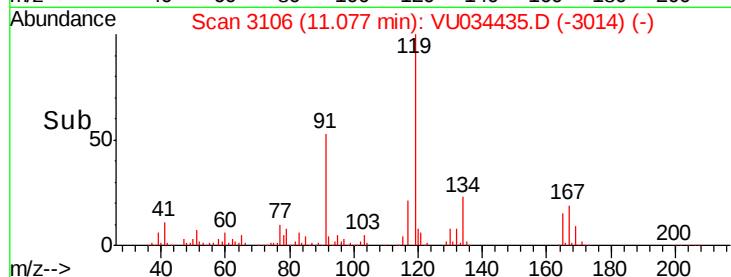
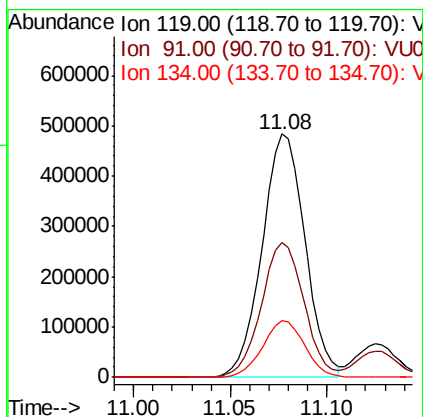
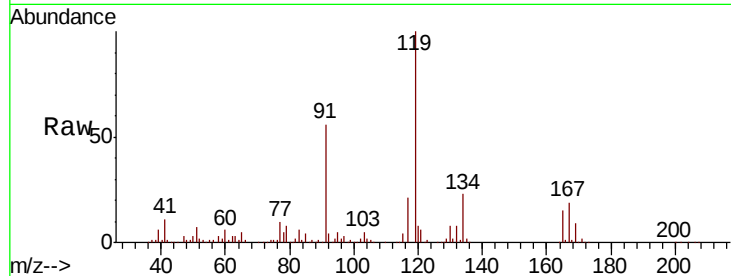




#83
 tert-Butylbenzene
 Concen: 55.099 ug/l
 RT: 11.08 min Scan# 3106
 Delta R.T. -0.00 min
 Lab File: VU034435.D
 Acq: 10 Sep 2019 08:54

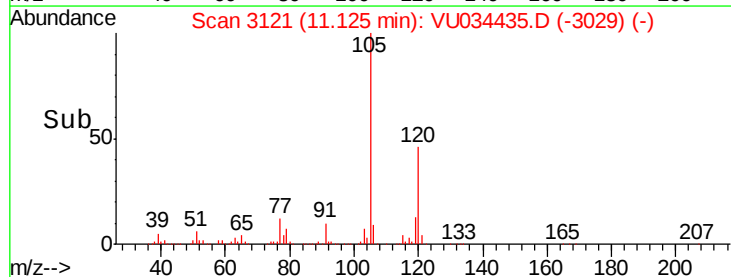
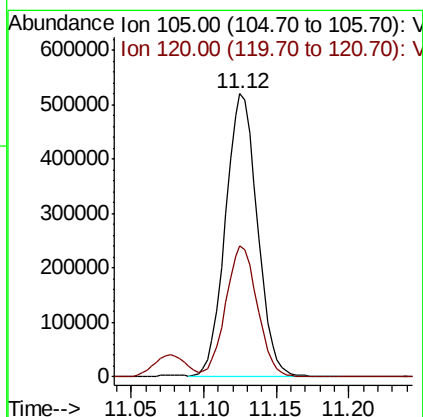
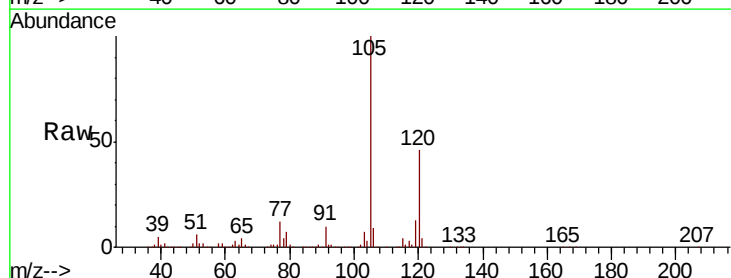
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

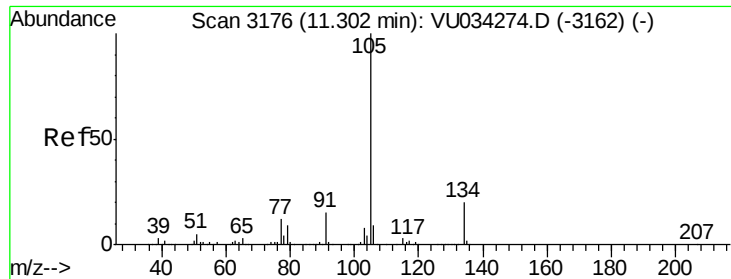
Tgt Ion:119 Resp: 745134
 Ion Ratio Lower Upper
 119 100
 91 55.1 27.8 83.4
 134 22.9 11.7 35.0



#84
 1,2,4-Trimethylbenzene
 Concen: 57.930 ug/l
 RT: 11.12 min Scan# 3121
 Delta R.T. -0.00 min
 Lab File: VU034435.D
 Acq: 10 Sep 2019 08:54

Tgt Ion:105 Resp: 788301
 Ion Ratio Lower Upper
 105 100
 120 46.2 22.9 68.8

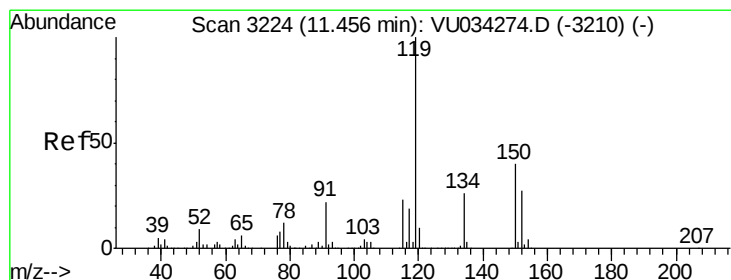
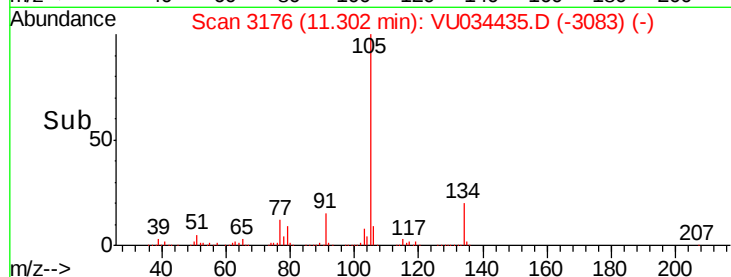
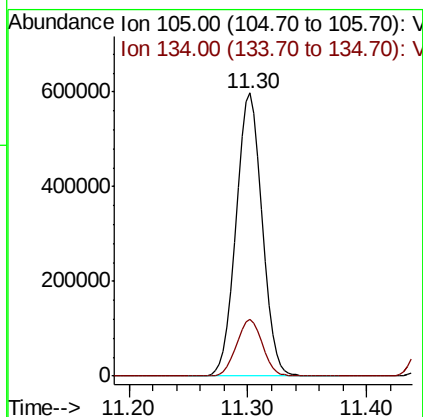
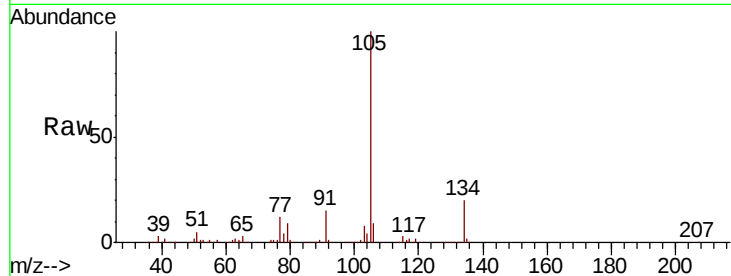




#85
 sec-Butylbenzene
 Concen: 56.611 ug/l
 RT: 11.30 min Scan# 3176
 Delta R.T. -0.00 min
 Lab File: VU034435.D
 Acq: 10 Sep 2019 08:54

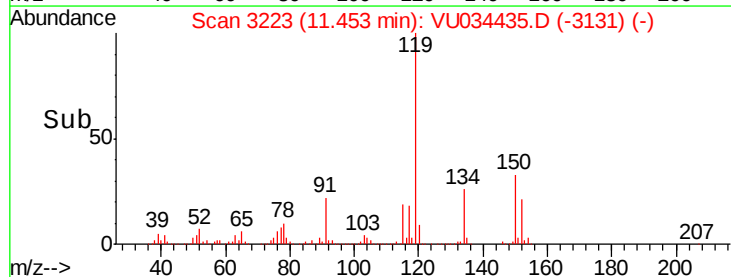
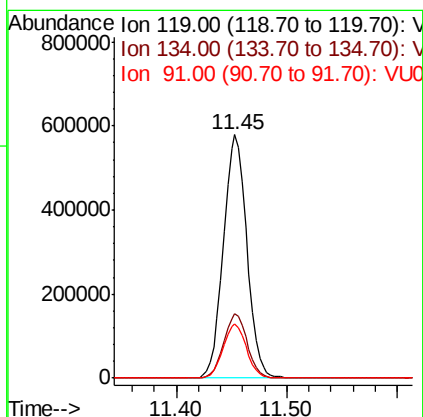
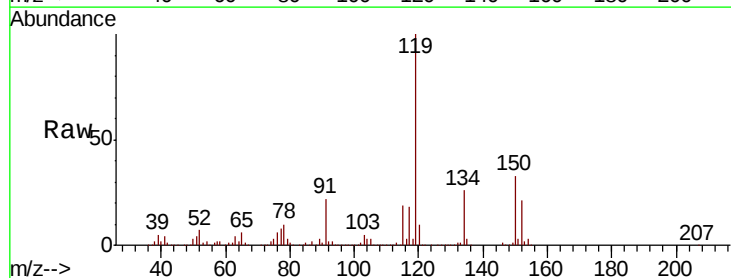
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 903824
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.1 30.3



#86
 p-Isopropyltoluene
 Concen: 57.731 ug/l
 RT: 11.45 min Scan# 3223
 Delta R.T. -0.00 min
 Lab File: VU034435.D
 Acq: 10 Sep 2019 08:54

Tgt Ion:119 Resp: 850717
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.3 39.8
 91 22.1 11.2 33.6

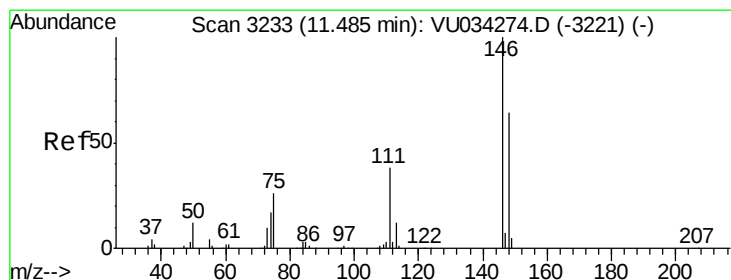
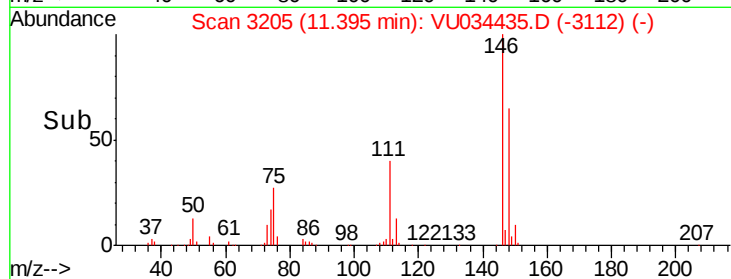
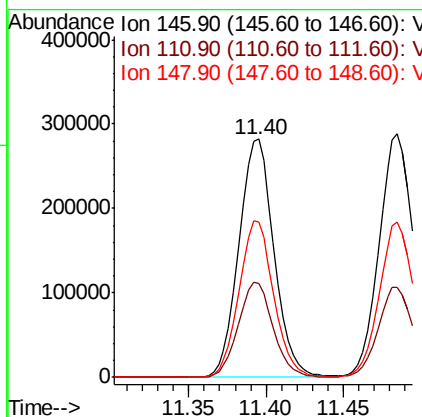
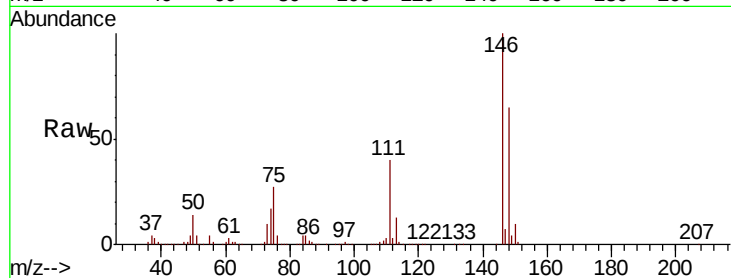




#87
 1,3-Dichlorobenzene
 Concen: 54.063 ug/l
 RT: 11.40 min Scan# 3205
 Delta R.T. -0.00 min
 Lab File: VU034435.D
 Acq: 10 Sep 2019 08:54

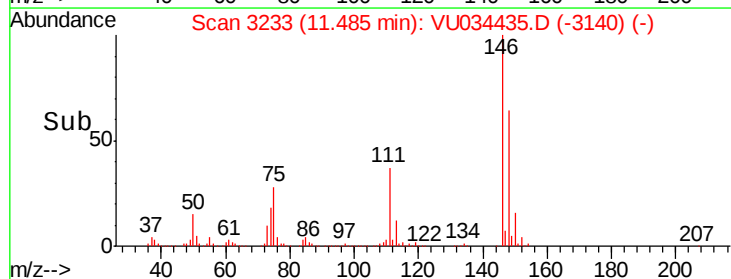
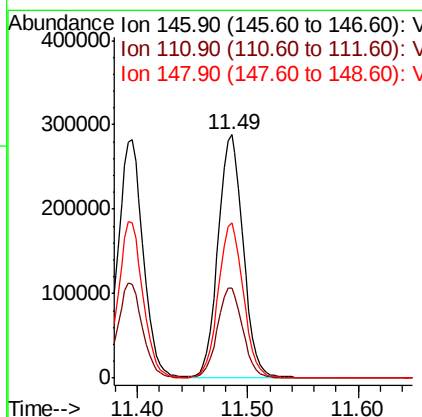
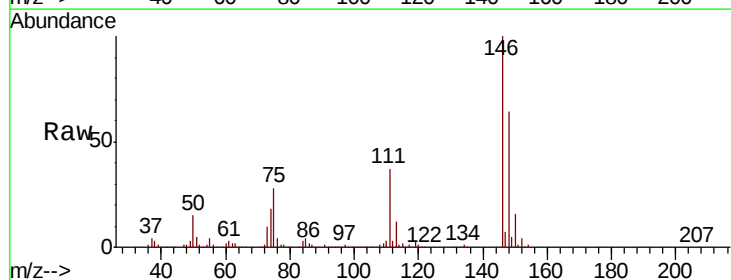
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

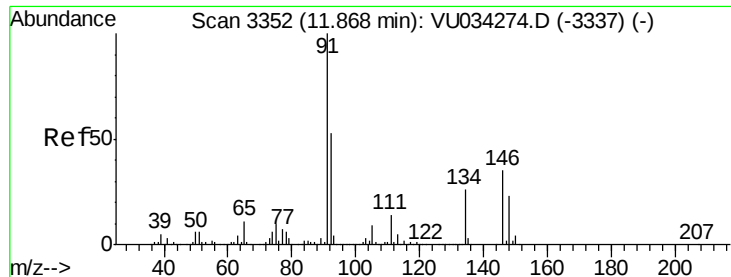
Tgt Ion:146 Resp: 445870
 Ion Ratio Lower Upper
 146 100
 111 39.5 19.5 58.5
 148 64.7 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 52.675 ug/l
 RT: 11.49 min Scan# 3233
 Delta R.T. -0.00 min
 Lab File: VU034435.D
 Acq: 10 Sep 2019 08:54

Tgt Ion:146 Resp: 453122
 Ion Ratio Lower Upper
 146 100
 111 37.6 19.1 57.3
 148 63.5 32.0 96.0

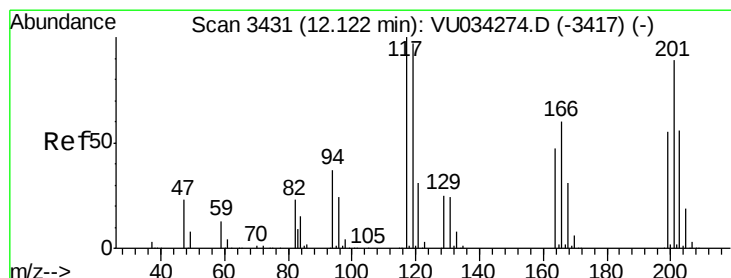
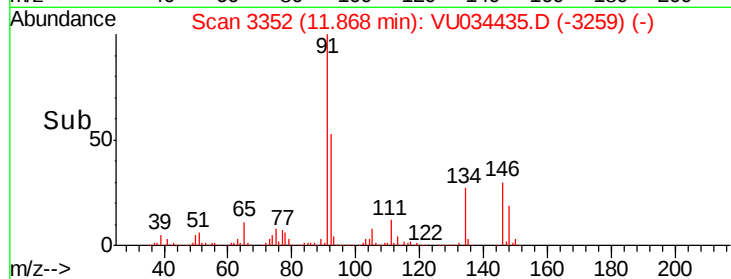
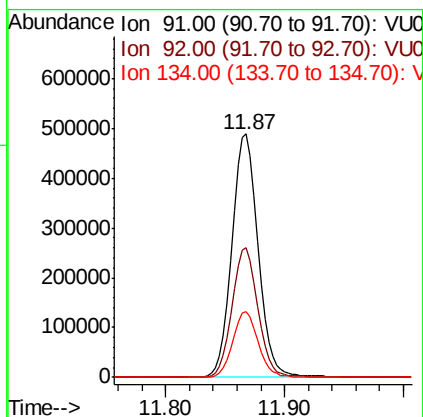
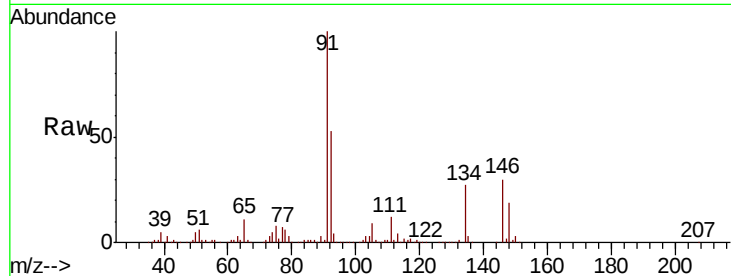




#89
n-Butylbenzene
Concen: 58.228 ug/l
RT: 11.87 min Scan# 3352
Delta R.T. -0.00 min
Lab File: VU034435.D
Acq: 10 Sep 2019 08:54

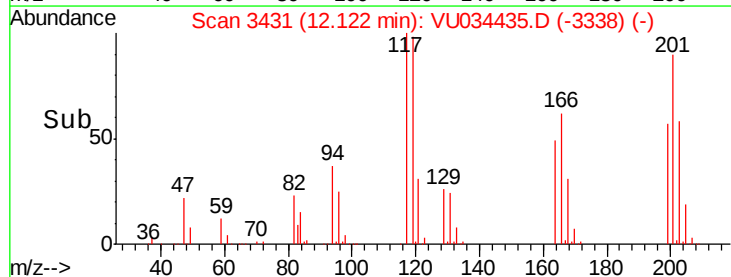
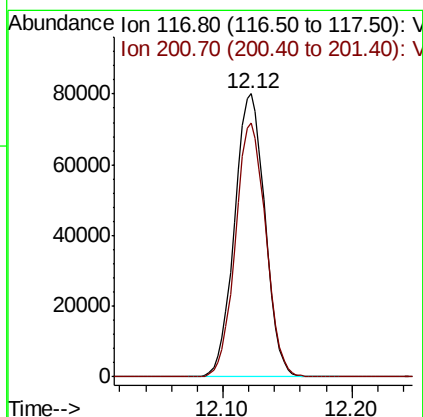
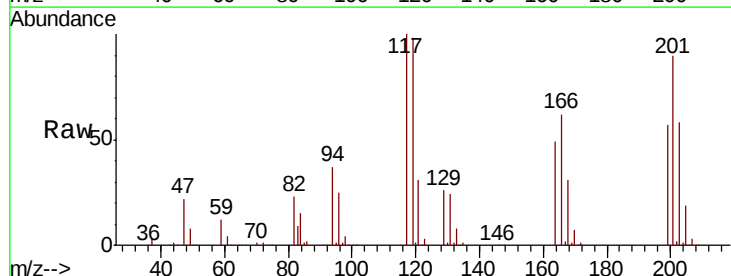
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

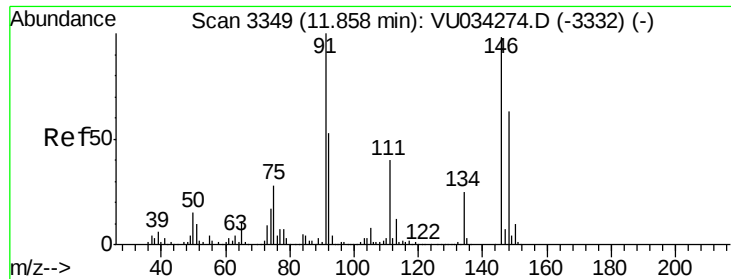
Tgt Ion: 91 Resp: 745660
Ion Ratio Lower Upper
91 100
92 52.8 26.5 79.4
134 26.5 13.2 39.6



#90
Hexachloroethane
Concen: 55.726 ug/l
RT: 12.12 min Scan# 3431
Delta R.T. -0.00 min
Lab File: VU034435.D
Acq: 10 Sep 2019 08:54

Tgt Ion: 117 Resp: 131379
Ion Ratio Lower Upper
117 100
201 89.3 44.1 132.4

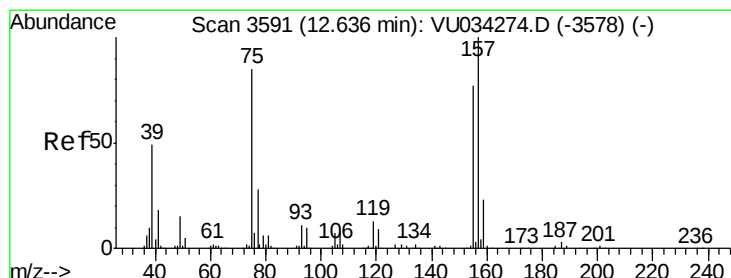
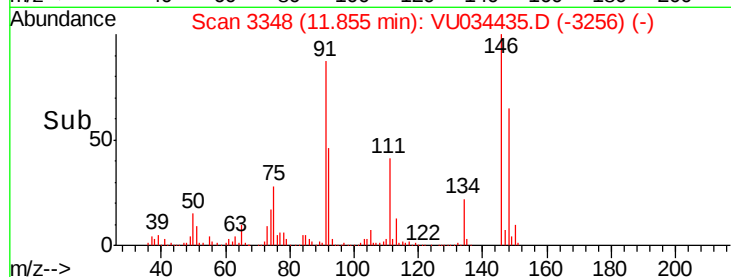
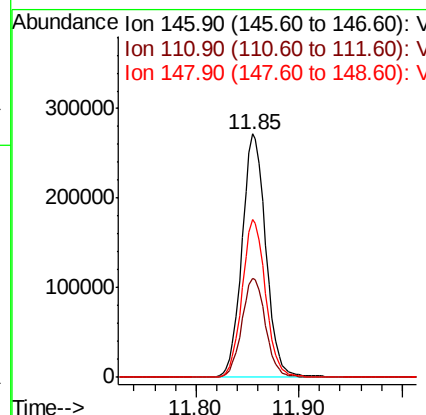
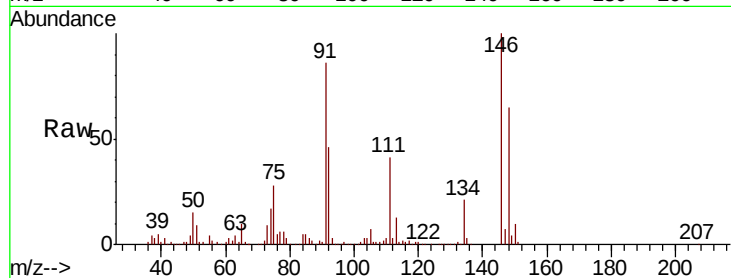




#91
 1,2-Dichlorobenzene
 Concen: 54.048 ug/l
 RT: 11.85 min Scan# 3348
 Delta R.T. -0.00 min
 Lab File: VU034435.D
 Acq: 10 Sep 2019 08:54

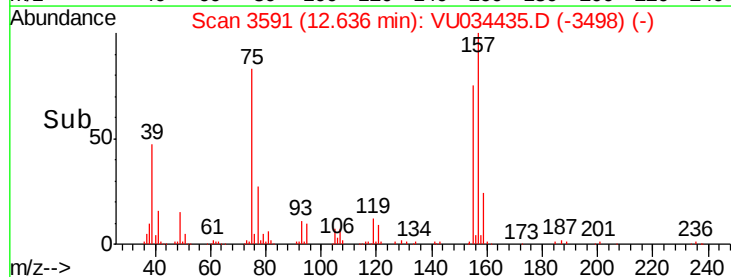
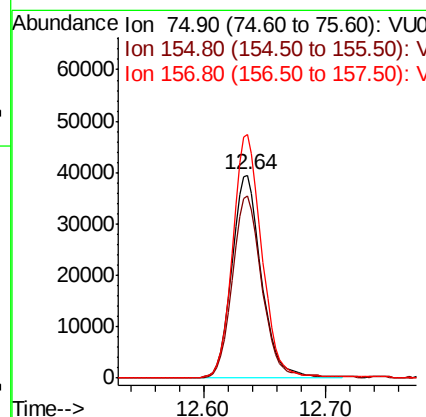
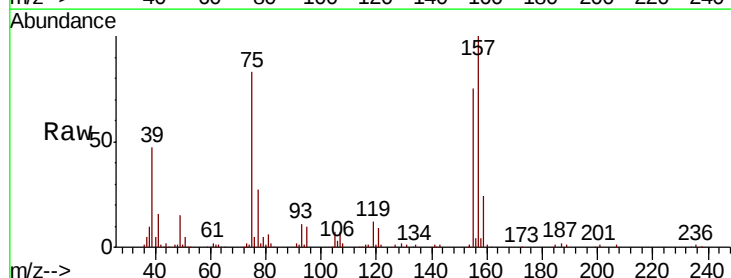
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

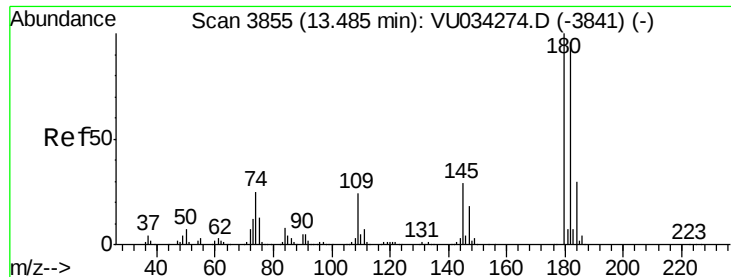
Tgt Ion:146 Resp: 438071
 Ion Ratio Lower Upper
 146 100
 111 40.6 20.0 60.0
 148 63.9 31.6 94.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 55.872 ug/l
 RT: 12.64 min Scan# 3591
 Delta R.T. -0.00 min
 Lab File: VU034435.D
 Acq: 10 Sep 2019 08:54

Tgt Ion: 75 Resp: 67174
 Ion Ratio Lower Upper
 75 100
 155 89.2 44.6 134.0
 157 117.6 58.2 174.6

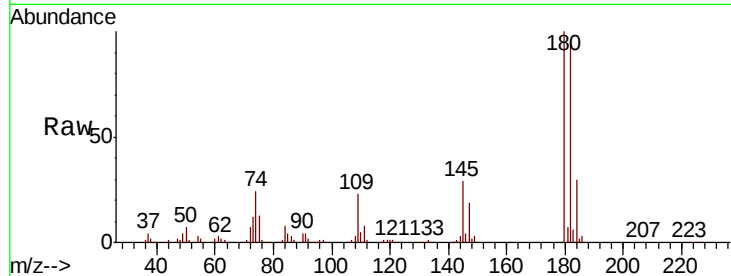




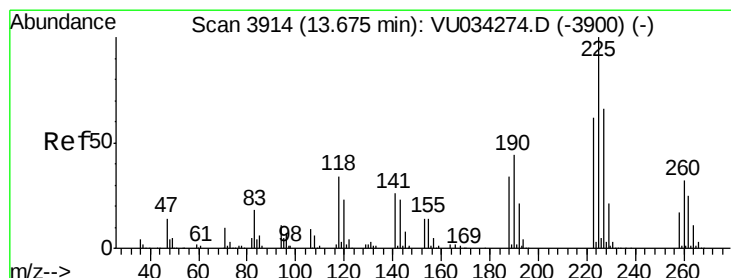
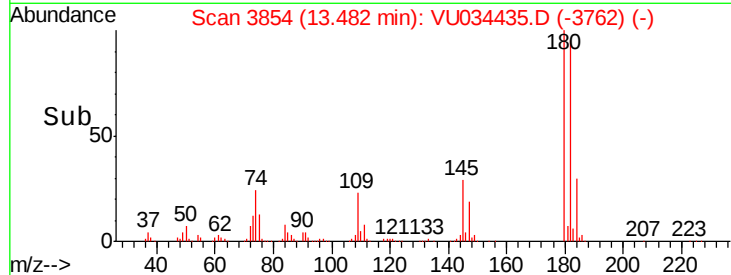
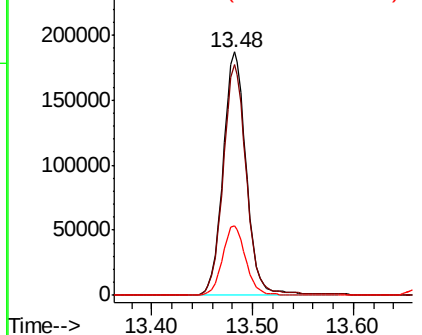
#93
 1,2,4-Trichlorobenzene
 Concen: 51.229 ug/l
 RT: 13.48 min Scan# 3854
 Delta R.T. -0.00 min
 Lab File: VU034435.D
 Acq: 10 Sep 2019 08:54

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tgt Ion:180 Resp: 301678
 Ion Ratio Lower Upper
 180 100
 182 94.6 47.9 143.8
 145 28.5 14.4 43.0

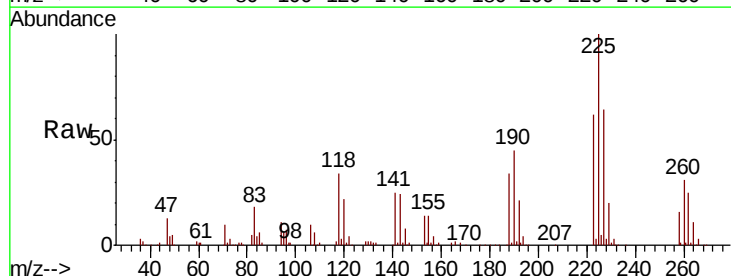


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

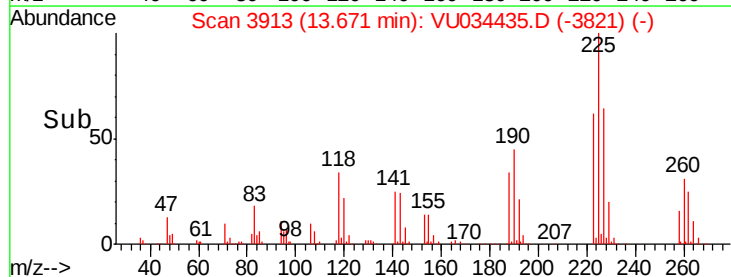
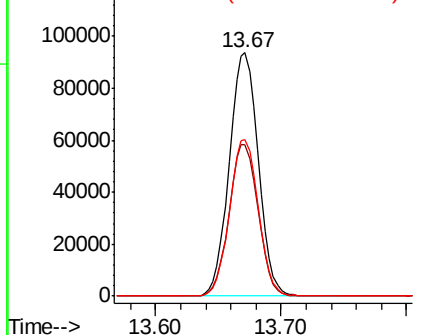


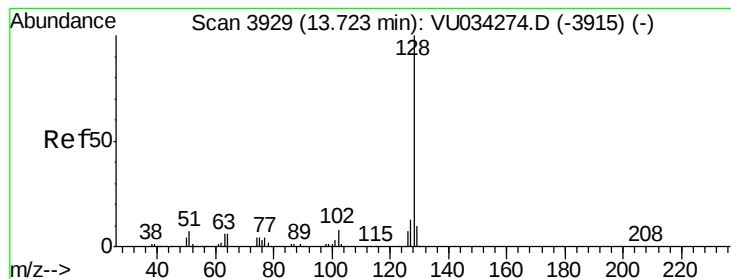
#94
 Hexachlorobutadiene
 Concen: 52.990 ug/l
 RT: 13.67 min Scan# 3913
 Delta R.T. -0.00 min
 Lab File: VU034435.D
 Acq: 10 Sep 2019 08:54

Tgt Ion:225 Resp: 150237
 Ion Ratio Lower Upper
 225 100
 223 62.7 31.6 94.7
 227 64.0 32.3 96.8



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





#95

Naphthalene

Concen: 47.580 ug/l

RT: 13.72 min Scan# 3928

Delta R.T. -0.00 min

Lab File: VU034435.D

Acq: 10 Sep 2019 08:54

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

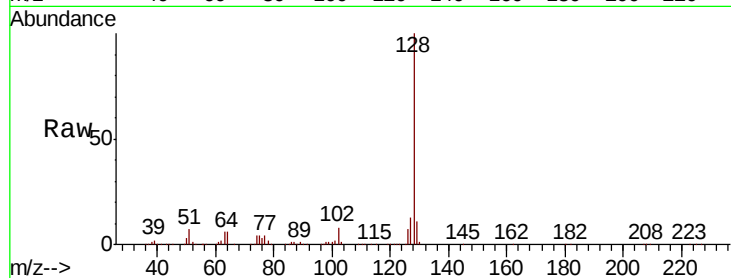
Tgt Ion:128 Resp: 784183

Ion Ratio Lower Upper

128 100

127 13.1 10.6 15.8

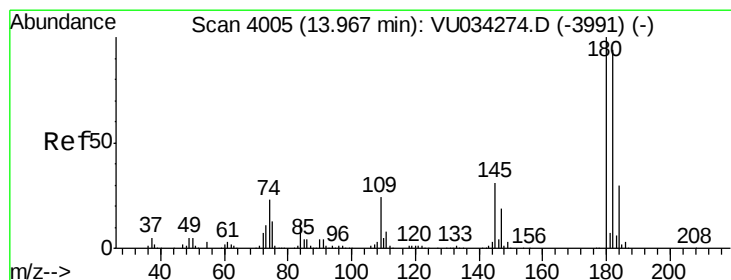
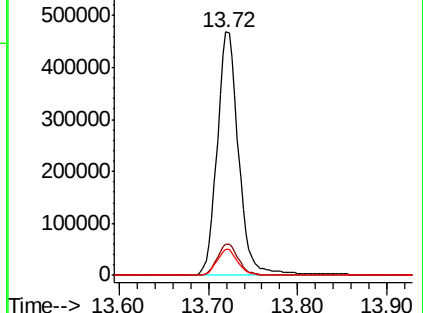
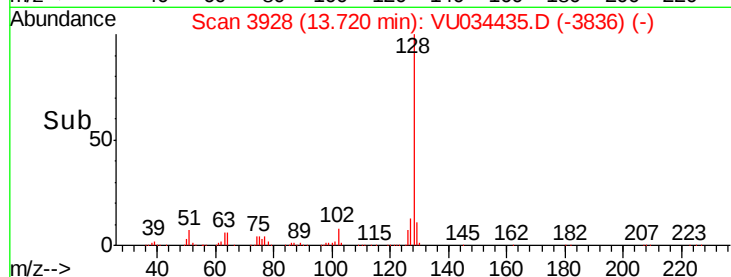
129 10.0 8.4 12.6



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 52.123 ug/l

RT: 13.96 min Scan# 4004

Delta R.T. -0.00 min

Lab File: VU034435.D

Acq: 10 Sep 2019 08:54

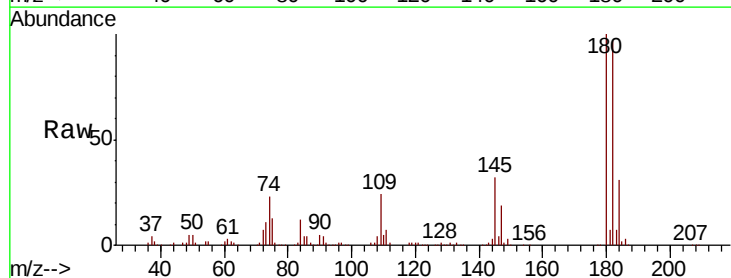
Tgt Ion:180 Resp: 296620

Ion Ratio Lower Upper

180 100

182 96.1 48.4 145.0

145 30.8 15.4 46.4



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

