

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082719\
 Data File : VU033956.D
 Acq On : 26 Aug 2019 17:50
 Operator : JC/SP
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC050

Quant Time: Aug 27 06:03:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U082719W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 27 05:48:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.95	168	385572	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.86	114	618958	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	612831	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	327767	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.28	65	250431	43.50	ug/l	0.00
Spiked Amount			Recovery	=	87.00%	
35) Dibromofluoromethane	4.86	113	194571	49.76	ug/l	0.00
Spiked Amount			Recovery	=	99.52%	
50) Toluene-d8	7.54	98	746281	48.57	ug/l	0.00
Spiked Amount			Recovery	=	97.14%	
62) 4-Bromofluorobenzene	10.29	95	274379	47.76	ug/l	0.00
Spiked Amount			Recovery	=	95.52%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	230919	45.520	ug/l	100
3) Chloromethane	1.32	50	277102	31.115	ug/l	100
4) Vinyl Chloride	1.39	62	300520	44.730	ug/l	100
5) Bromomethane	1.60	94	144070	51.162	ug/l	100
6) Chloroethane	1.68	64	184659	48.110	ug/l	100
7) Trichlorofluoromethane	1.87	101	347802	48.280	ug/l	100
8) Diethyl Ether	2.09	74	148347	44.571	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.27	101	202166	47.161	ug/l	100
10) Methyl Iodide	2.39	142	304785	77.873	ug/l	100
11) Tert butyl alcohol	2.80	59	291601	227.241	ug/l	100
12) 1,1-Dichloroethene	2.27	96	203727	47.689	ug/l	100
13) Acrolein	2.18	56	173671	178.245	ug/l	100
14) Allyl chloride	2.57	41	353696	36.344	ug/l	100
15) Acrylonitrile	2.91	53	782586	220.460	ug/l	100
16) Acetone	2.30	43	761073	203.068	ug/l	100
17) Carbon Disulfide	2.46	76	679579	44.559	ug/l	100
18) Methyl Acetate	2.59	43	359244	37.910	ug/l	100
19) Methyl tert-butyl Ether	2.98	73	704879	44.249	ug/l	100
20) Methylene Chloride	2.68	84	248182	44.166	ug/l	100
21) trans-1,2-Dichloroethene	2.96	96	232247	48.234	ug/l	100
22) Diisopropyl ether	3.54	45	768293	40.437	ug/l	100
23) Vinyl Acetate	3.50	43	3410569	215.811	ug/l	100
24) 1,1-Dichloroethane	3.42	63	438348	43.307	ug/l	100
25) 2-Butanone	4.23	43	1091603	214.337	ug/l	100
26) 2,2-Dichloropropane	4.20	77	355838	44.154	ug/l	100
27) cis-1,2-Dichloroethene	4.20	96	250386	46.305	ug/l	100
28) Bromochloromethane	4.52	49	201156	43.867	ug/l	100
29) Tetrahydrofuran	4.61	42	688120	211.332	ug/l	100
30) Chloroform	4.65	83	417770	46.818	ug/l	100
31) Cyclohexane	4.97	56	396136	33.614	ug/l	100
32) 1,1,1-Trichloroethane	4.89	97	352328	47.458	ug/l	100
36) 1,1-Dichloropropene	5.11	75	317386	47.284	ug/l	100
37) Ethyl Acetate	4.35	43	387238	45.309	ug/l	100
38) Carbon Tetrachloride	5.11	117	304799	54.622	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U082719\
 Data File : VU033956.D
 Acq On : 26 Aug 2019 17:50
 Operator : JC/SP
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC050

Quant Time: Aug 27 06:03:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U082719W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 27 05:48:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.39	83	371066	45.482	ug/l	100
40) Benzene	5.36	78	953508	48.159	ug/l	100
41) Methacrylonitrile	4.51	41	204900	43.987	ug/l	100
42) 1,2-Dichloroethane	5.38	62	348548	49.884	ug/l	100
43) Isopropyl Acetate	5.52	43	582818	43.401	ug/l	100
44) Trichloroethene	6.16	130	236593	52.551	ug/l	100
45) 1,2-Dichloropropane	6.41	63	263671	47.735	ug/l	100
46) Dibromomethane	6.54	93	167332	50.280	ug/l	100
47) Bromodichloromethane	6.73	83	338783	51.854	ug/l	100
48) Methyl methacrylate	6.60	41	282078	42.514	ug/l	100
49) 1,4-Dioxane	6.59	88	123178	1110.398	ug/l	100
51) 4-Methyl-2-Pentanone	7.44	43	1991509	231.998	ug/l	100
52) Toluene	7.62	92	580566	49.639	ug/l	100
53) t-1,3-Dichloropropene	7.86	75	377306	49.181	ug/l	100
54) cis-1,3-Dichloropropene	7.25	75	411445	49.372	ug/l	100
55) 1,1,2-Trichloroethane	8.05	97	242520	52.136	ug/l	100
56) Ethyl methacrylate	8.00	69	370592	47.466	ug/l	100
57) 1,3-Dichloropropane	8.22	76	428752	49.756	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.11	63	686233	178.787	ug/l	100
59) 2-Hexanone	8.34	43	1538930	226.663	ug/l	100
60) Dibromochloromethane	8.46	129	253217	54.568	ug/l	100
61) 1,2-Dibromoethane	8.57	107	258669	52.847	ug/l	100
64) Tetrachloroethene	8.21	164	208350	50.582	ug/l	100
65) Chlorobenzene	9.10	112	616861	47.551	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.19	131	228181	54.075	ug/l	100
67) Ethyl Benzene	9.23	91	1096279	46.292	ug/l	100
68) m/p-Xylenes	9.35	106	830937	96.189	ug/l	100
69) o-Xylene	9.76	106	393790	47.033	ug/l	100
70) Styrene	9.77	104	699098	49.859	ug/l	100
71) Bromoform	9.94	173	194574	54.217	ug/l #	100
73) Isopropylbenzene	10.15	105	1070289	43.478	ug/l	100
74) N-amyl acetate	10.00	43	498396	36.195	ug/l	100
75) 1,1,2,2-Tetrachloroethane	10.44	83	418882	44.328	ug/l	100
76) 1,2,3-Trichloropropane	10.48	75	481068	58.549	ug/l	86
77) Bromobenzene	10.43	156	271011	46.611	ug/l	100
78) n-propylbenzene	10.57	91	1299495	42.689	ug/l	100
79) 2-Chlorotoluene	10.64	91	752890	42.928	ug/l	100
80) 1,3,5-Trimethylbenzene	10.75	105	926676	45.342	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.48	75	481045	134.337	ug/l #	100
82) 4-Chlorotoluene	10.75	91	889250	42.661	ug/l	100
83) tert-Butylbenzene	11.08	119	866275	44.080	ug/l	100
84) 1,2,4-Trimethylbenzene	11.13	105	935454	44.510	ug/l	100
85) sec-Butylbenzene	11.31	105	1083536	43.152	ug/l	100
86) p-Isopropyltoluene	11.46	119	998444	46.178	ug/l	100
87) 1,3-Dichlorobenzene	11.40	146	502152	45.690	ug/l	100
88) 1,4-Dichlorobenzene	11.49	146	500059	44.067	ug/l	100
89) n-Butylbenzene	11.87	91	937065	43.360	ug/l	100
90) Hexachloroethane	12.13	117	176987	52.792	ug/l	100
91) 1,2-Dichlorobenzene	11.86	146	487597	44.519	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.64	75	92817	45.397	ug/l	100

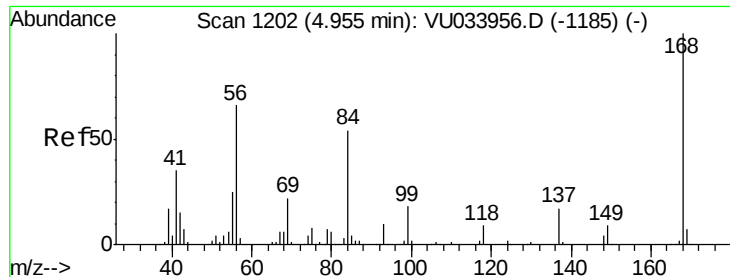
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082719\
Data File : VU033956.D
Acq On : 26 Aug 2019 17:50
Operator : JC/SP
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

Quant Time: Aug 27 06:03:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U082719W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 27 05:48:22 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.49	180	331124	42.283	ug/l	100
94) Hexachlorobutadiene	13.67	225	181661	49.526	ug/l	100
95) Naphthalene	13.73	128	994620	38.755	ug/l	100
96) 1,2,3-Trichlorobenzene	13.97	180	329187	41.930	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.95 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VU033956.D

Acq: 26 Aug 2019 17:50

Instrument :

MSVOA_U

ClientSampleId :

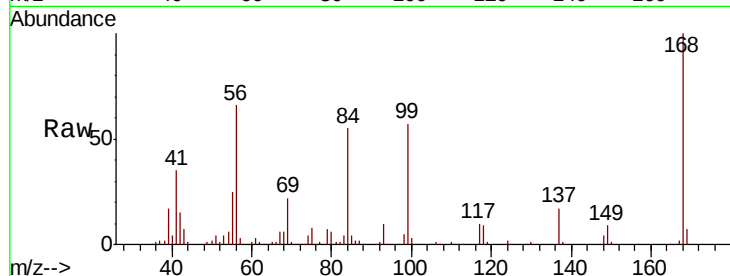
VSTDICCC050

Tot Ion:168 Resp: 385572

Ion Ratio Lower Upper

168 100

99 56.9 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): VU033956.D (-1185) (-)

Ion 98.90 (98.60 to 99.60): VU033956.D (-1185) (-)

200000

150000

100000

50000

0

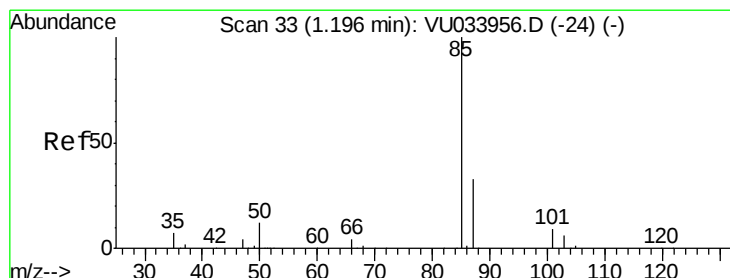
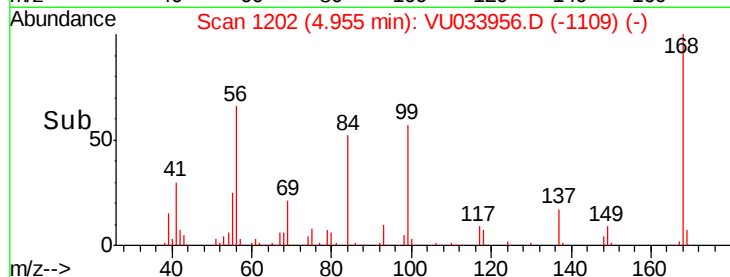
4.95

4.90

5.00

5.10

Time-->



#2

Dichlorodifluoromethane

Concen: 45.520 ug/l

RT: 1.20 min Scan# 33

Delta R.T. 0.00 min

Lab File: VU033956.D

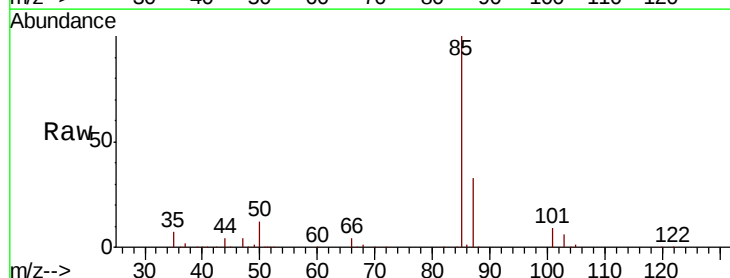
Acq: 26 Aug 2019 17:50

Tgt Ion: 85 Resp: 230919

Ion Ratio Lower Upper

85 100

87 32.6 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VU033956.D (-24) (-)

Ion 86.90 (86.60 to 87.60): VU033956.D (-24) (-)

250000

200000

150000

100000

50000

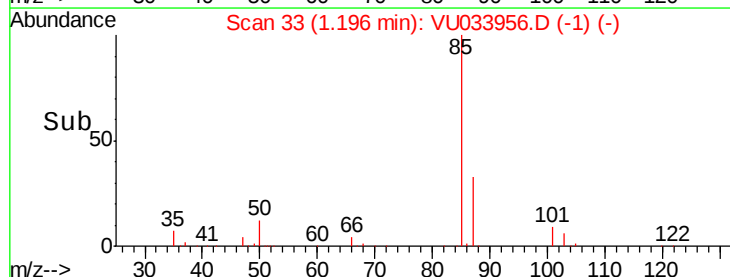
0

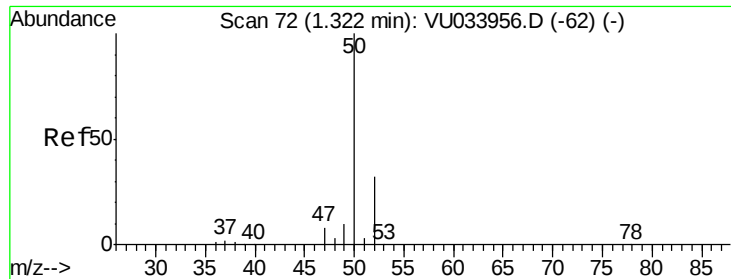
1.20

1.15

1.25

Time-->





#3

Chloromethane

Concen: 31.115 ug/l

RT: 1.32 min Scan# 72

Delta R.T. 0.00 min

Lab File: VU033956.D

Acq: 26 Aug 2019 17:50

Instrument :

MSVOA_U

ClientSampleId :

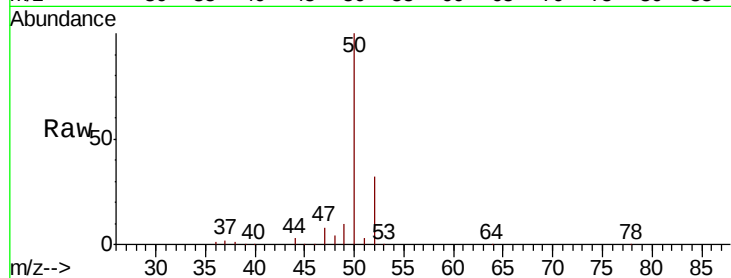
VSTDICCC050

Tot Ion: 50 Resp: 277102

Ion Ratio Lower Upper

50 100

52 32.4 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VU033956.D (-62) (-)

Ion 51.90 (51.60 to 52.60): VU033956.D (-62) (-)

1.32

250000

200000

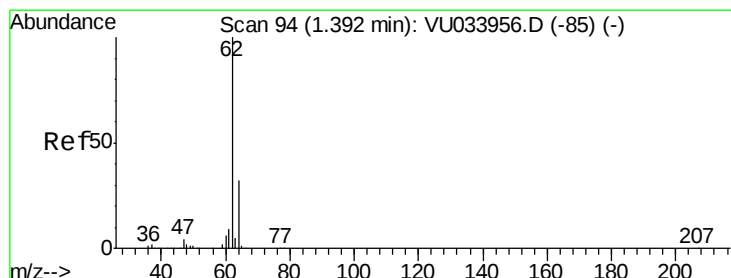
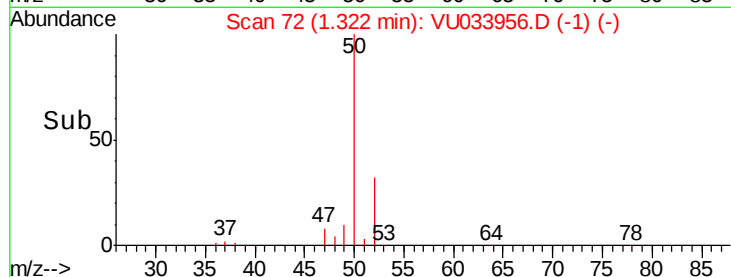
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 44.730 ug/l

RT: 1.39 min Scan# 94

Delta R.T. 0.00 min

Lab File: VU033956.D

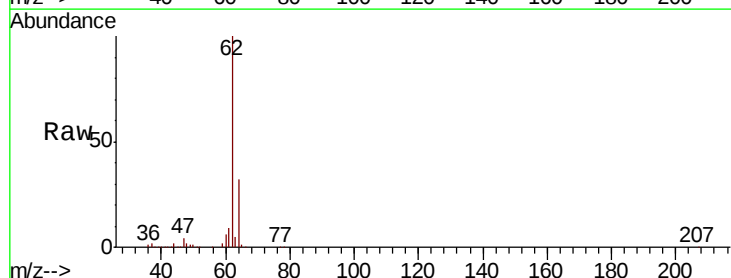
Acq: 26 Aug 2019 17:50

Tgt Ion: 62 Resp: 300520

Ion Ratio Lower Upper

62 100

64 31.6 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VU033956.D (-85) (-)

Ion 63.90 (63.60 to 64.60): VU033956.D (-85) (-)

1.39

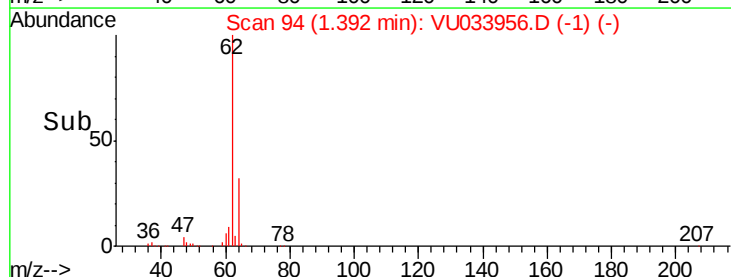
300000

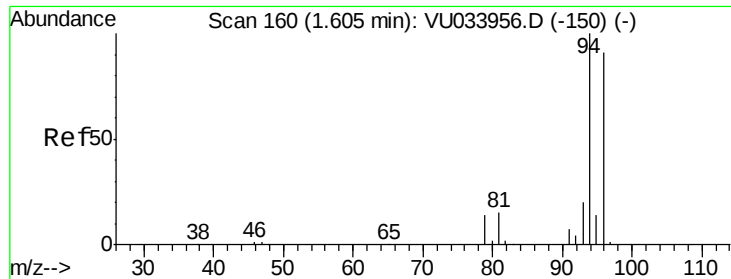
200000

100000

0

Time-->





#5

Bromomethane

Concen: 51.162 ug/l

RT: 1.60 min Scan# 160

Delta R.T. 0.00 min

Lab File: VU033956.D

Acq: 26 Aug 2019 17:50

Instrument :

MSVOA_U

ClientSampleId :

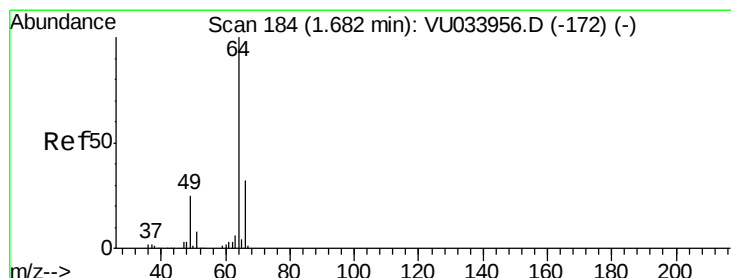
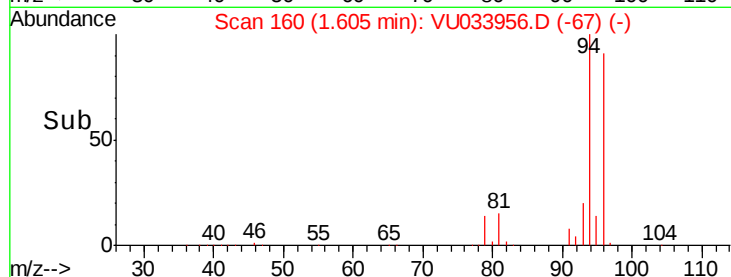
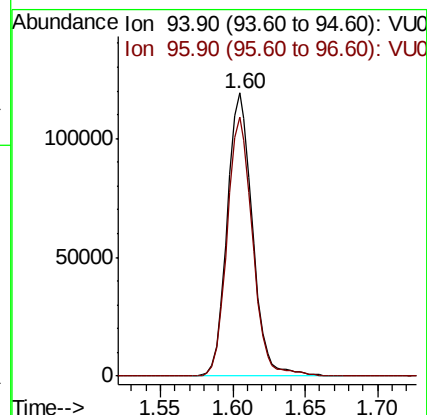
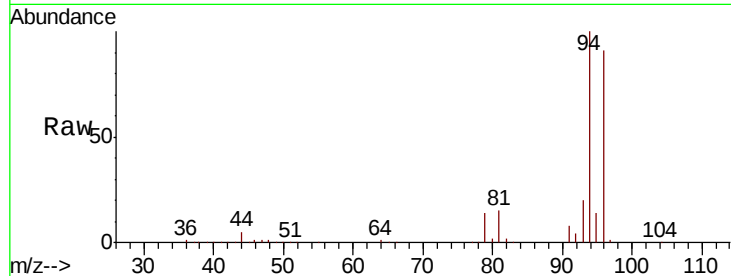
VSTDICCC050

Tot Ion: 94 Resp: 144070

Ion Ratio Lower Upper

94 100

96 91.5 73.2 109.8



#6

Chloroethane

Concen: 48.110 ug/l

RT: 1.68 min Scan# 184

Delta R.T. 0.00 min

Lab File: VU033956.D

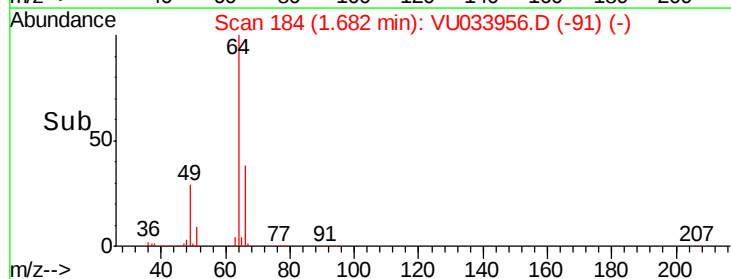
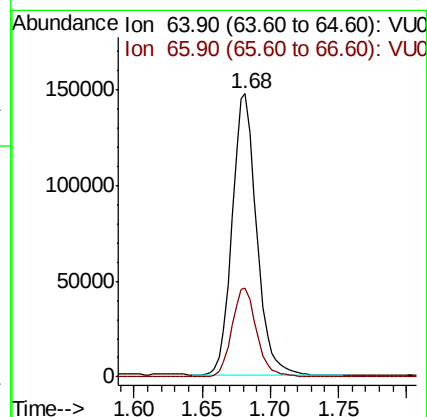
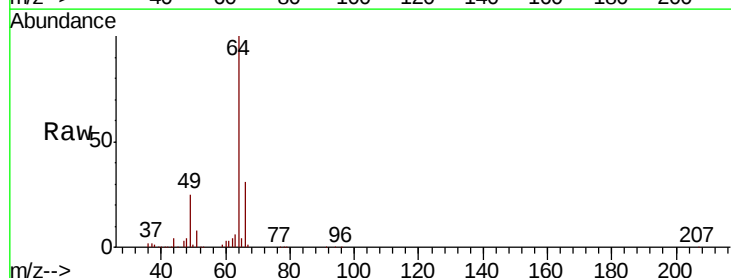
Acq: 26 Aug 2019 17:50

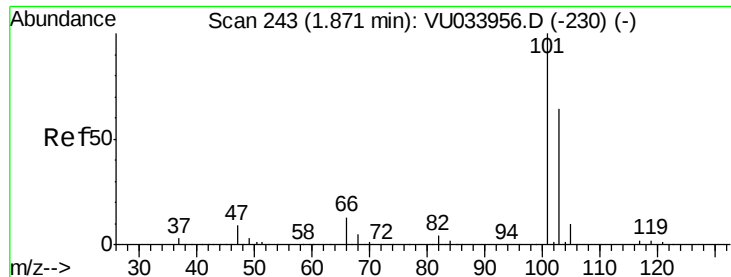
Tgt Ion: 64 Resp: 184659

Ion Ratio Lower Upper

64 100

66 31.4 25.1 37.7



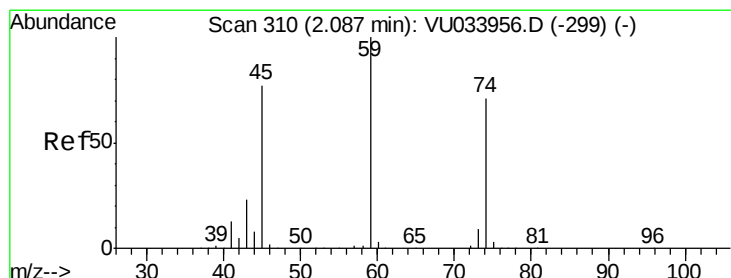
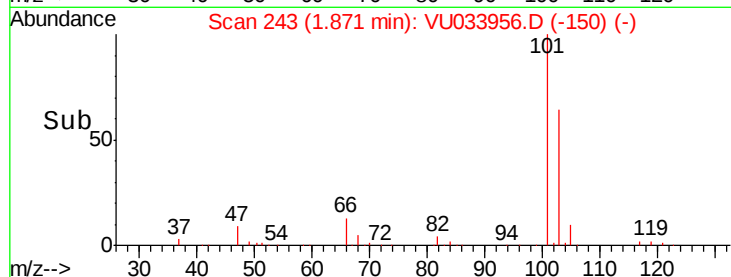
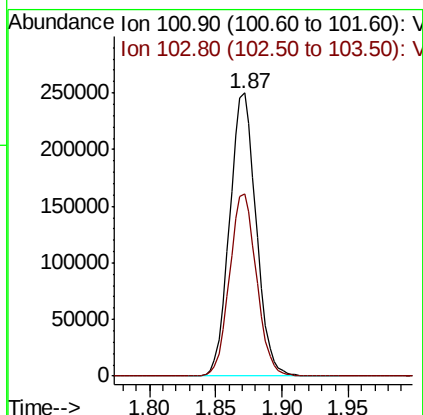
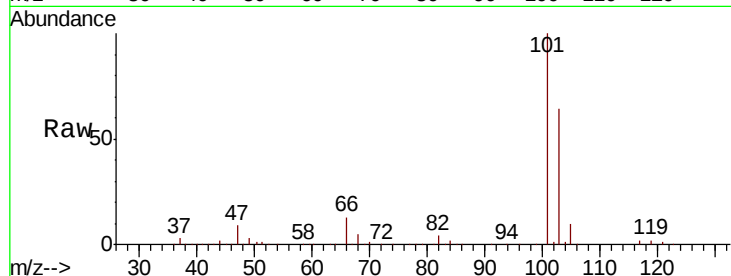


#7

Trichlorofluoromethane
Concen: 48.280 ug/l
RT: 1.87 min Scan# 243
Delta R.T. 0.00 min
Lab File: VU033956.D
Acq: 26 Aug 2019 17:50

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

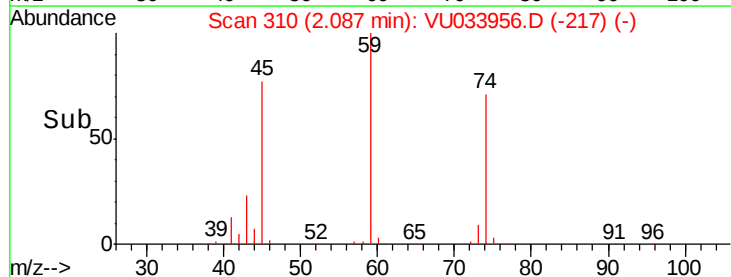
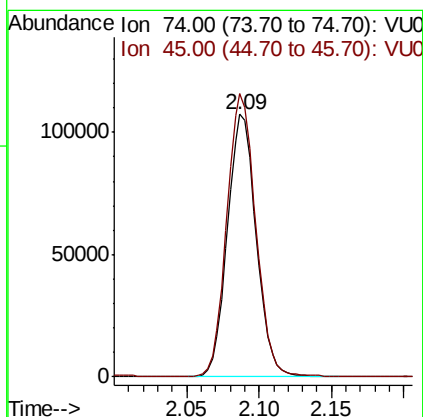
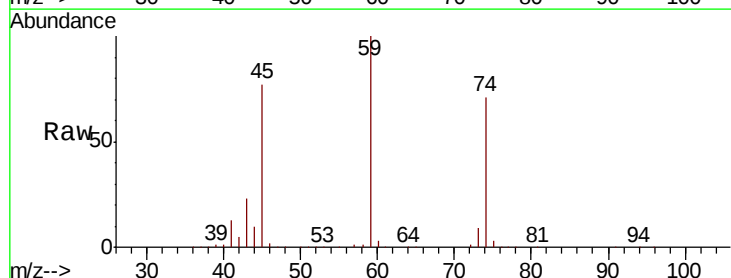
Tot Ion:101 Resp: 347802
Ion Ratio Lower Upper
101 100
103 64.4 51.5 77.3

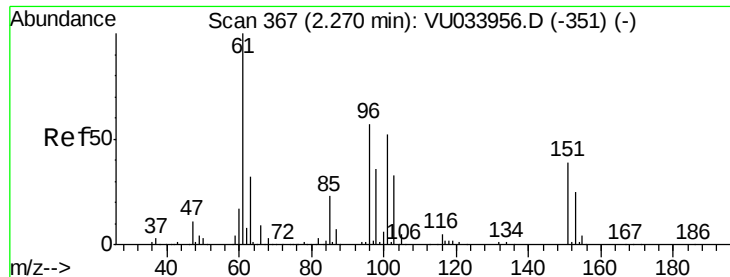


#8

Diethyl Ether
Concen: 44.571 ug/l
RT: 2.09 min Scan# 310
Delta R.T. 0.00 min
Lab File: VU033956.D
Acq: 26 Aug 2019 17:50

Tgt Ion: 74 Resp: 148347
Ion Ratio Lower Upper
74 100
45 107.8 53.9 161.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.161 ug/l

RT: 2.27 min Scan# 367

Delta R.T. 0.00 min

Lab File: VU033956.D

Acq: 26 Aug 2019 17:50

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC050

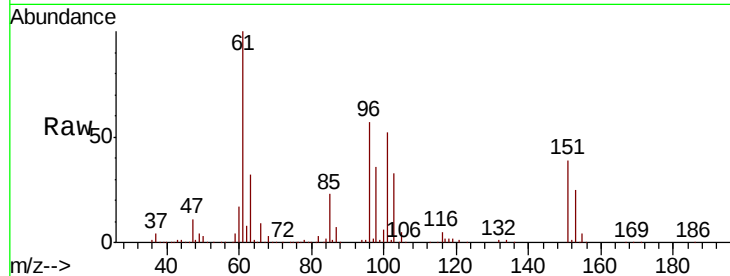
Tot Ion:101 Resp: 202166

Ion Ratio Lower Upper

101 100

85 43.8 35.0 52.6

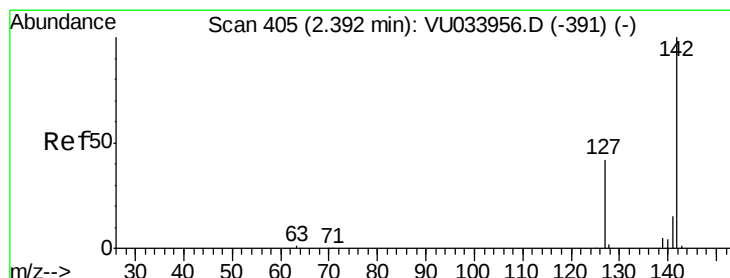
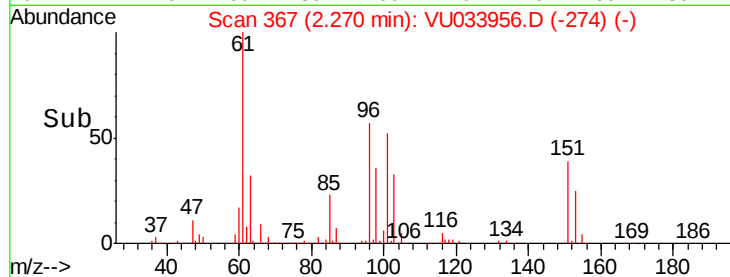
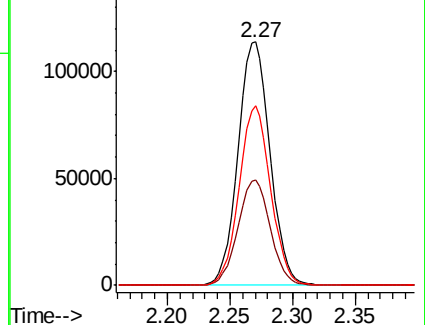
151 72.4 57.9 86.9



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: 77.873 ug/l

RT: 2.39 min Scan# 405

Delta R.T. 0.00 min

Lab File: VU033956.D

Acq: 26 Aug 2019 17:50

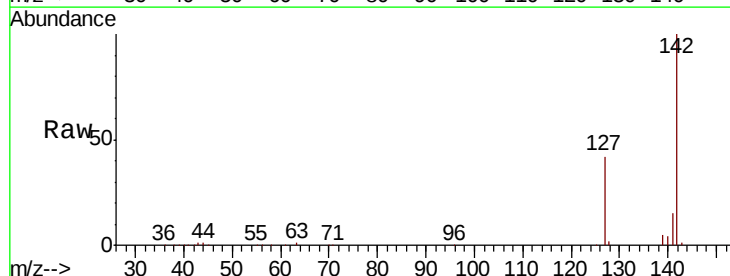
Tgt Ion:142 Resp: 304785

Ion Ratio Lower Upper

142 100

127 42.9 34.3 51.5

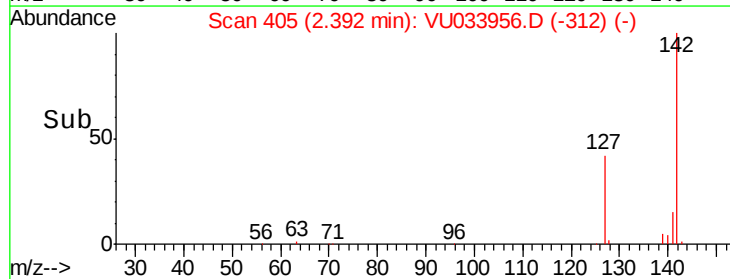
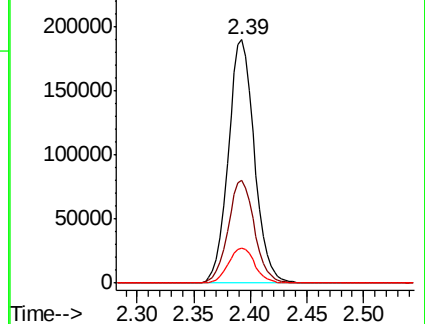
141 14.7 11.8 17.6

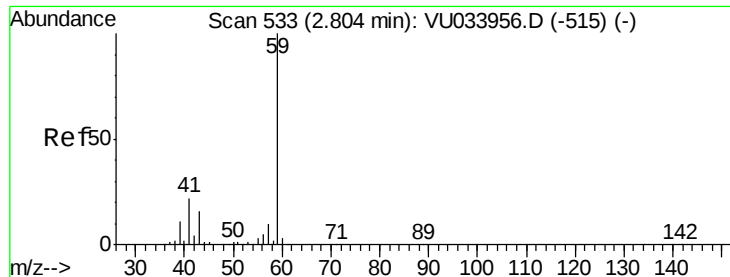


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

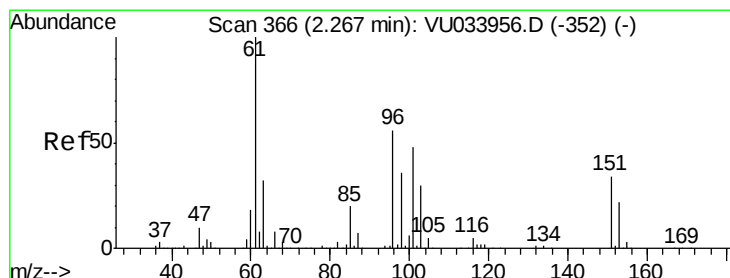
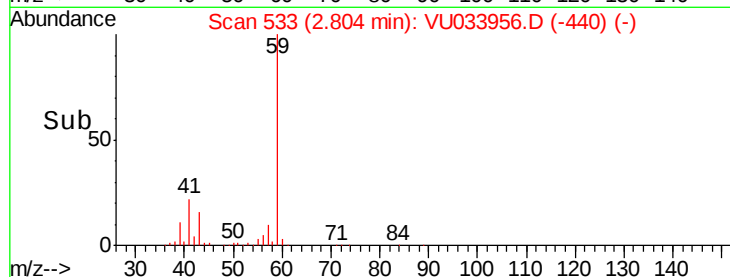
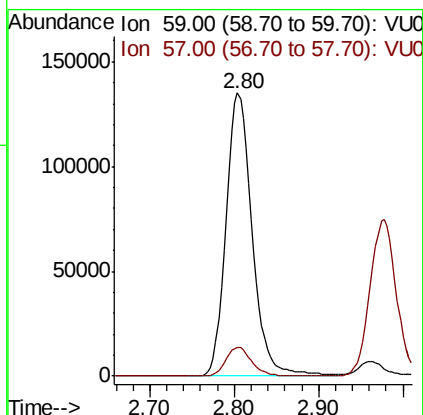
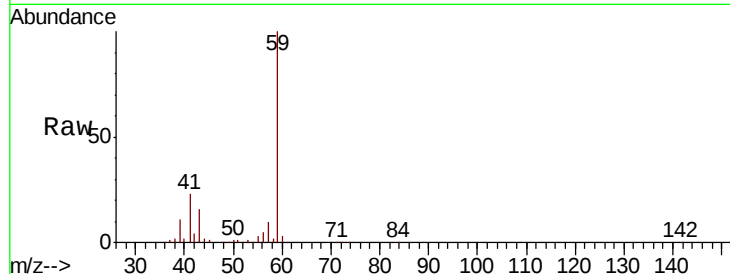




#11
Tert butyl alcohol
Concen: 227.241 ug/l
RT: 2.80 min Scan# 533
Delta R.T. 0.00 min
Lab File: VU033956.D
Acq: 26 Aug 2019 17:50

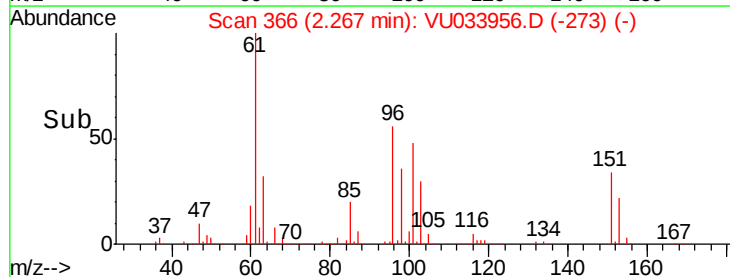
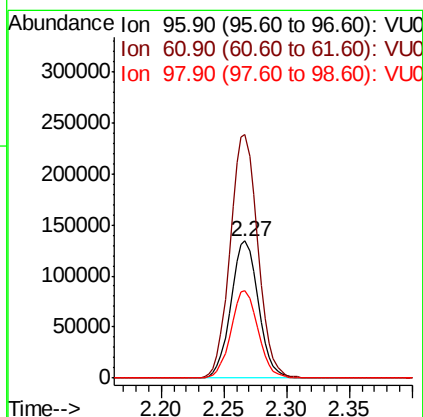
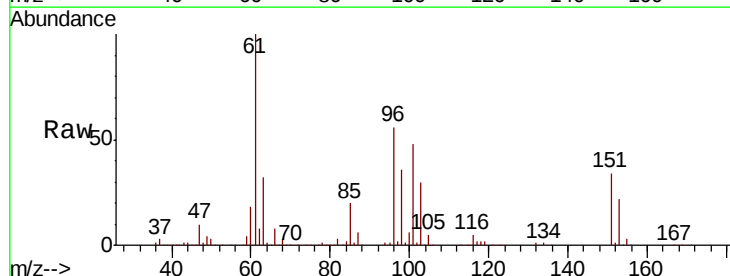
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

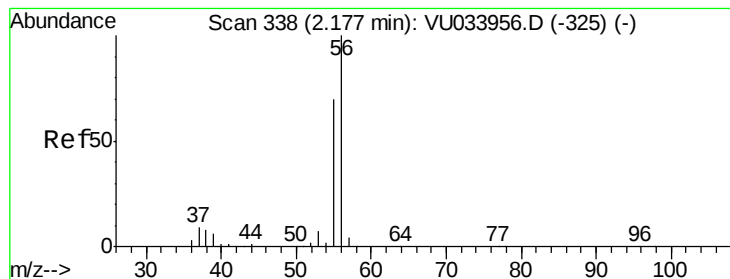
Tot Ion: 59 Resp: 291601
Ion Ratio Lower Upper
59 100
57 10.2 8.2 12.2



#12
1,1-Dichloroethene
Concen: 47.689 ug/l
RT: 2.27 min Scan# 366
Delta R.T. 0.00 min
Lab File: VU033956.D
Acq: 26 Aug 2019 17:50

Tgt Ion: 96 Resp: 203727
Ion Ratio Lower Upper
96 100
61 177.9 142.3 213.5
98 63.8 51.0 76.6





#13

Acrolein

Concen: 178.245 ug/l

RT: 2.18 min Scan# 338

Delta R.T. 0.00 min

Lab File: VU033956.D

Acq: 26 Aug 2019 17:50

Instrument :

MSVOA_U

ClientSampleId :

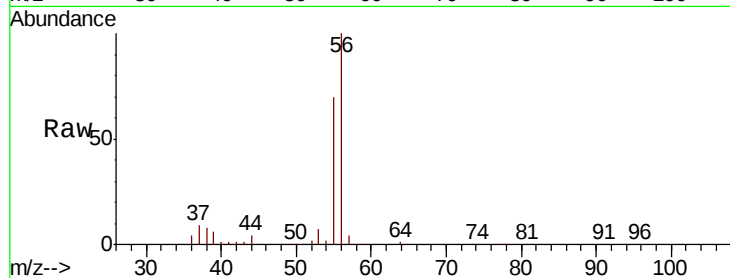
VSTDICCC050

Tot Ion: 56 Resp: 173671

Ion Ratio Lower Upper

56 100

55 70.4 56.3 84.5



Abundance Ion 56.00 (55.70 to 56.70): VU033956.D (-325) (-)

Ion 55.00 (54.70 to 55.70): VU033956.D (-325) (-)

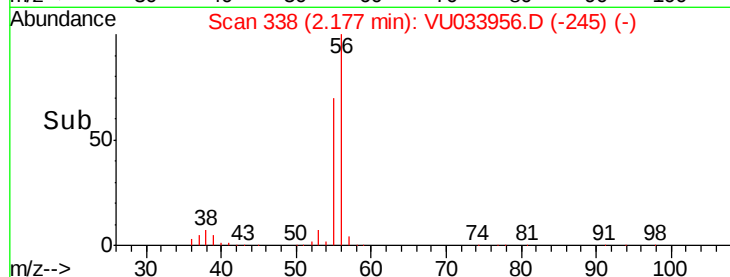
2.18

100000

50000

0

Time-->



Abundance Ion 56.00 (55.70 to 56.70): VU033956.D (-245) (-)

Ion 55.00 (54.70 to 55.70): VU033956.D (-245) (-)

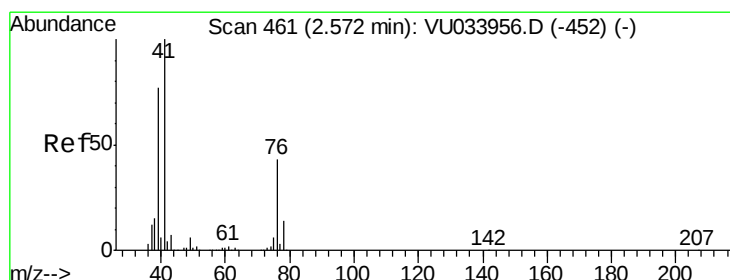
2.18

100000

50000

0

Time-->



#14

Allyl chloride

Concen: 36.344 ug/l

RT: 2.57 min Scan# 461

Delta R.T. 0.00 min

Lab File: VU033956.D

Acq: 26 Aug 2019 17:50

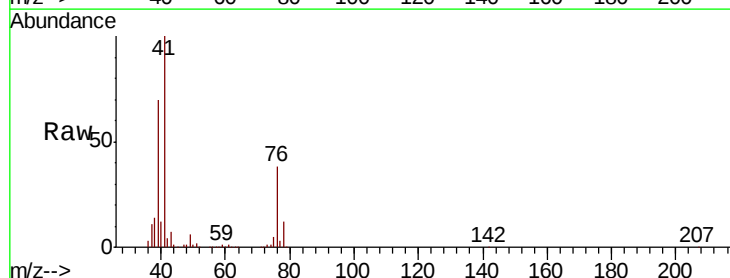
Tgt Ion: 41 Resp: 353696

Ion Ratio Lower Upper

41 100

39 70.6 56.4 84.6

76 36.5 29.2 43.8



Abundance Ion 41.00 (40.70 to 41.70): VU033956.D (-452) (-)

Ion 39.00 (38.70 to 39.70): VU033956.D (-452) (-)

Ion 75.90 (75.60 to 76.60): VU033956.D (-452) (-)

2.57

250000

200000

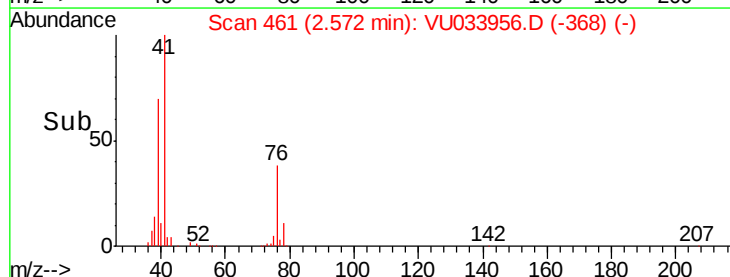
150000

100000

50000

0

Time-->



Abundance Ion 41.00 (40.70 to 41.70): VU033956.D (-368) (-)

Ion 39.00 (38.70 to 39.70): VU033956.D (-368) (-)

Ion 75.90 (75.60 to 76.60): VU033956.D (-368) (-)

2.57

250000

200000

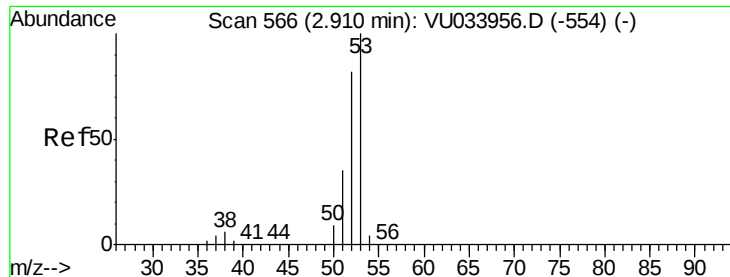
150000

100000

50000

0

Time-->



#15

Acrylonitrile

Concen: 220.460 ug/l

RT: 2.91 min Scan# 566

Delta R.T. 0.00 min

Lab File: VU033956.D

Acq: 26 Aug 2019 17:50

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC050

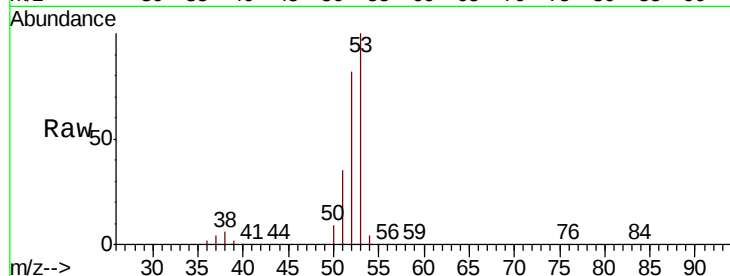
Tot Ion: 53 Resp: 782586

Ion Ratio Lower Upper

53 100

52 81.5 65.2 97.8

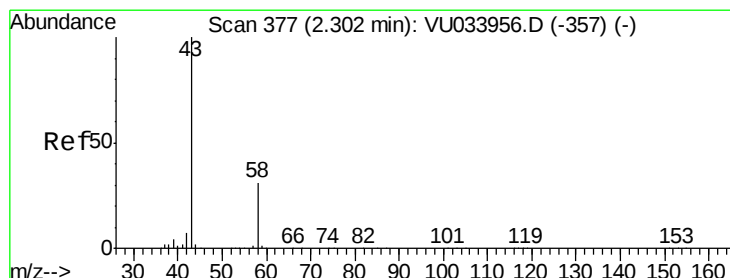
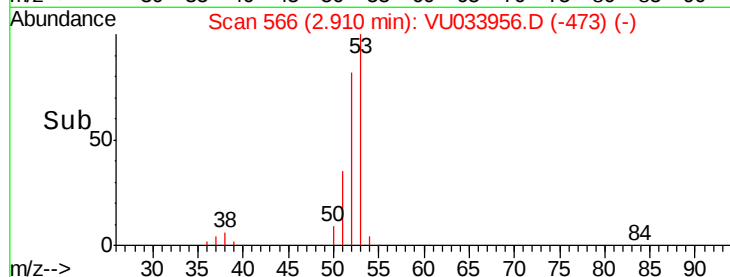
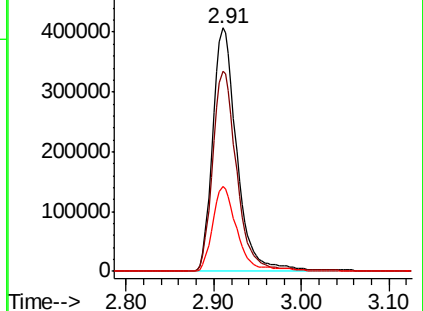
51 35.8 28.6 43.0



Abundance Ion 53.00 (52.70 to 53.70): VU033956.D (-554) (-)

Ion 52.00 (51.70 to 52.70): VU033956.D (-554) (-)

Ion 51.00 (50.70 to 51.70): VU033956.D (-554) (-)



#16

Acetone

Concen: 203.068 ug/l

RT: 2.30 min Scan# 377

Delta R.T. 0.00 min

Lab File: VU033956.D

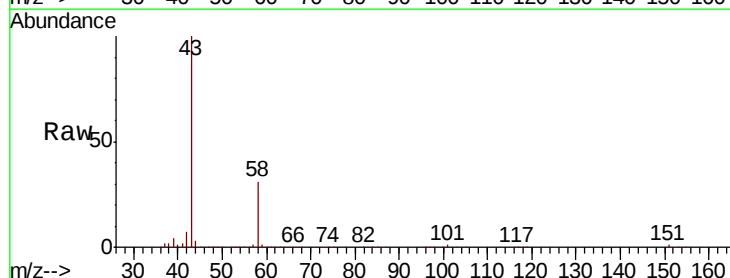
Acq: 26 Aug 2019 17:50

Tgt Ion: 43 Resp: 761073

Ion Ratio Lower Upper

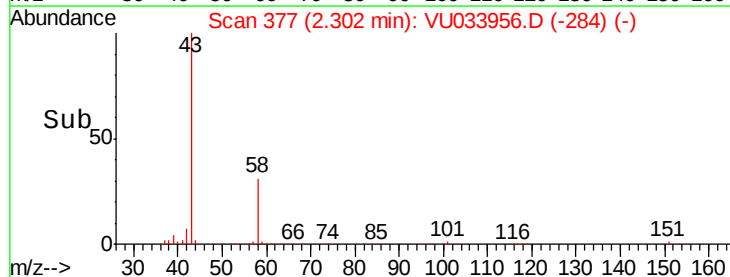
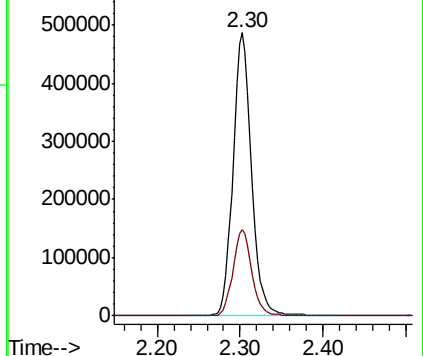
43 100

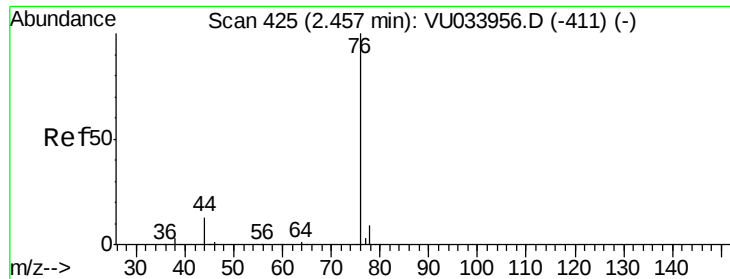
58 30.6 24.5 36.7



Abundance Ion 43.00 (42.70 to 43.70): VU033956.D (-357) (-)

Ion 58.00 (57.70 to 58.70): VU033956.D (-357) (-)

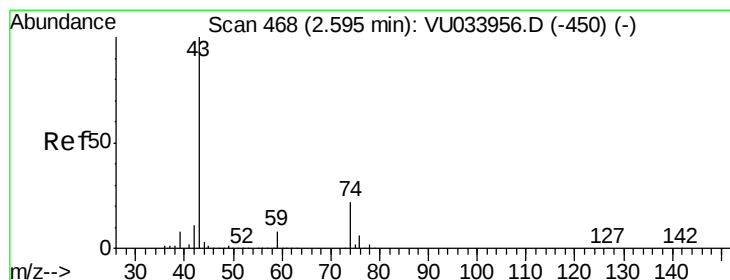
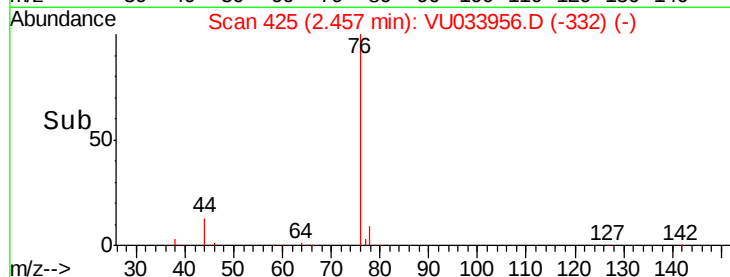
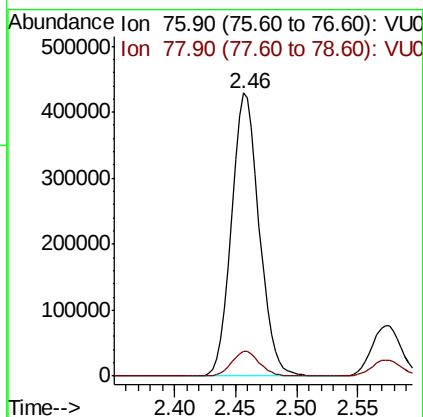
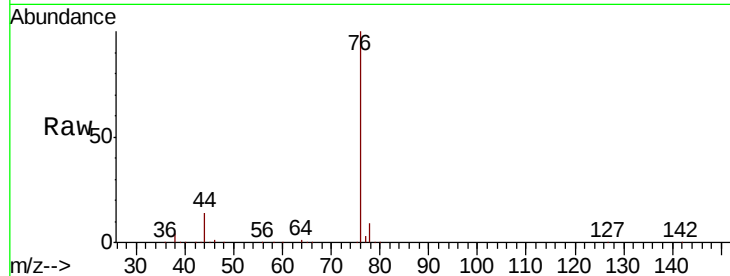




#17
Carbon Disulfide
Concen: 44.559 ug/l
RT: 2.46 min Scan# 425
Delta R.T. 0.00 min
Lab File: VU033956.D
Acq: 26 Aug 2019 17:50

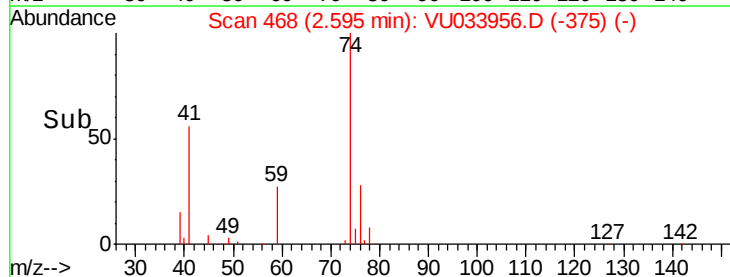
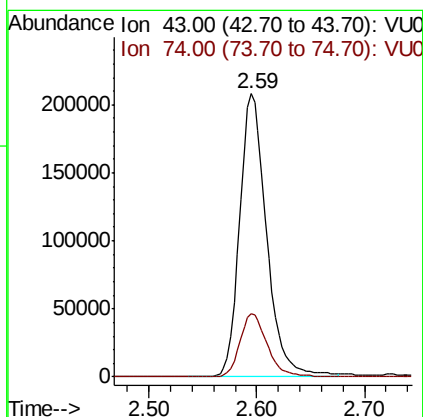
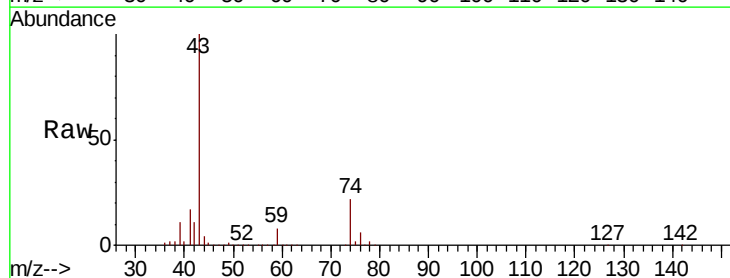
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

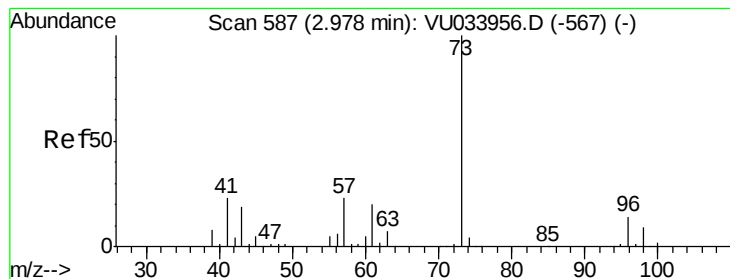
Tot Ion: 76 Resp: 679579
Ion Ratio Lower Upper
76 100
78 8.7 7.0 10.4



#18
Methyl Acetate
Concen: 37.910 ug/l
RT: 2.59 min Scan# 468
Delta R.T. 0.00 min
Lab File: VU033956.D
Acq: 26 Aug 2019 17:50

Tgt Ion: 43 Resp: 359244
Ion Ratio Lower Upper
43 100
74 22.7 18.2 27.2



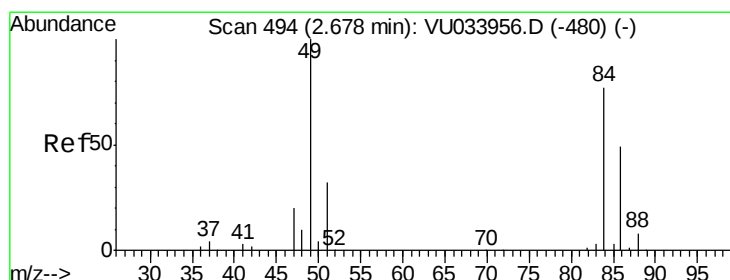
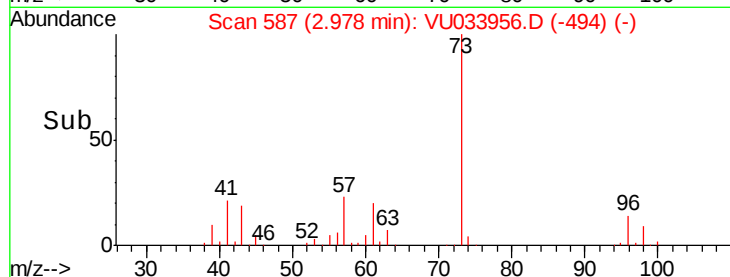
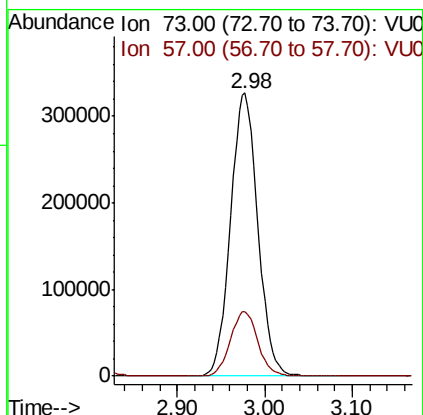
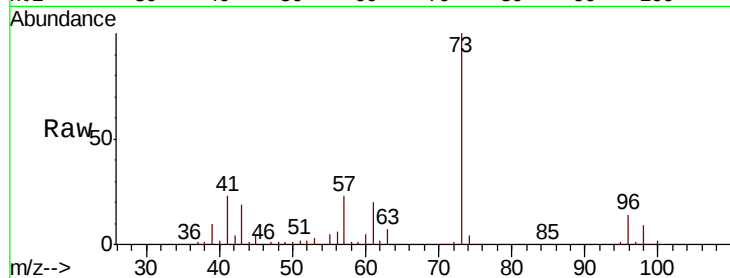


#19

Methyl tert-butyl Ether
 Concen: 44.249 ug/l
 RT: 2.98 min Scan# 587
 Delta R.T. 0.00 min
 Lab File: VU033956.D
 Acq: 26 Aug 2019 17:50

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC050

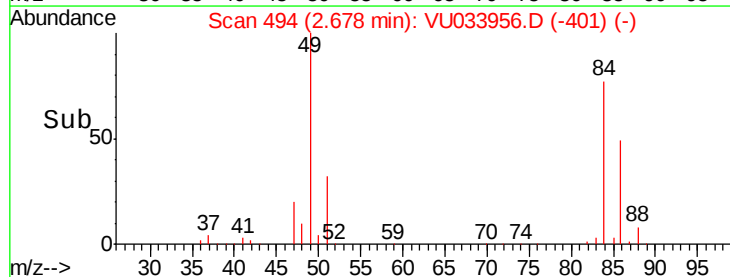
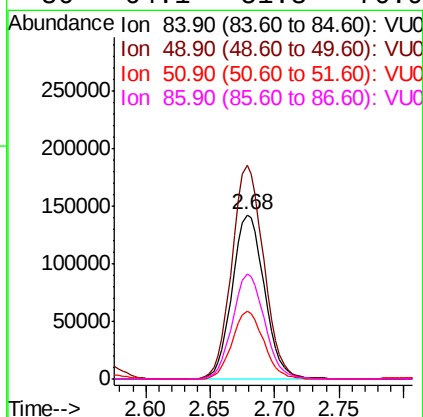
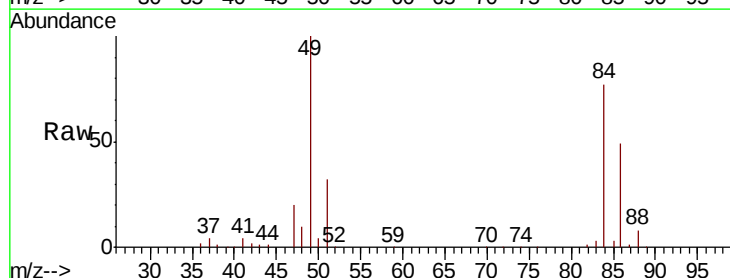
Tot Ion: 73 Resp: 704879
 Ion Ratio Lower Upper
 73 100
 57 22.9 18.3 27.5

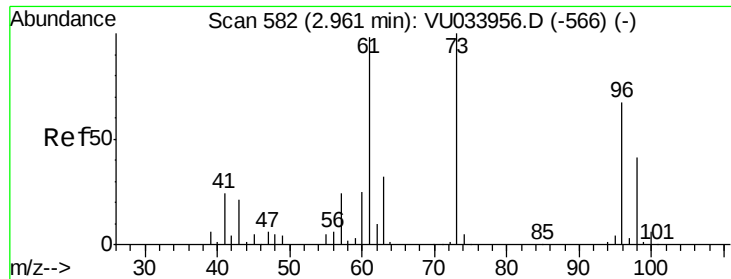


#20

Methylene Chloride
 Concen: 44.166 ug/l
 RT: 2.68 min Scan# 494
 Delta R.T. 0.00 min
 Lab File: VU033956.D
 Acq: 26 Aug 2019 17:50

Tgt Ion: 84 Resp: 248182
 Ion Ratio Lower Upper
 84 100
 49 130.1 104.1 156.1
 51 41.3 33.0 49.6
 86 64.1 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 48.234 ug/l

RT: 2.96 min Scan# 582

Delta R.T. 0.00 min

Lab File: VU033956.D

Acq: 26 Aug 2019 17:50

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC050

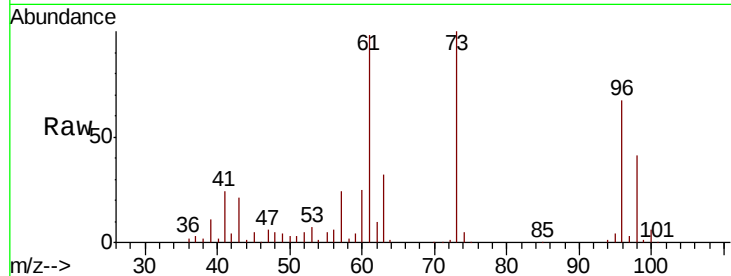
Tot Ion: 96 Resp: 232247

Ion Ratio Lower Upper

96 100

61 147.3 117.8 176.8

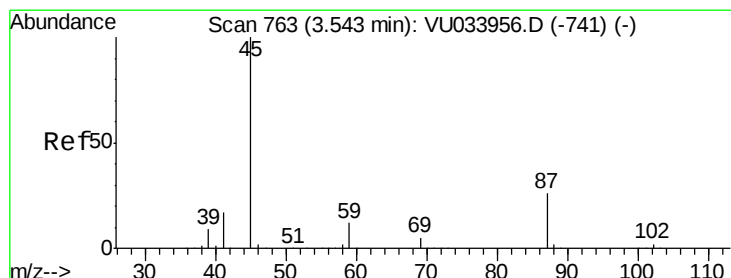
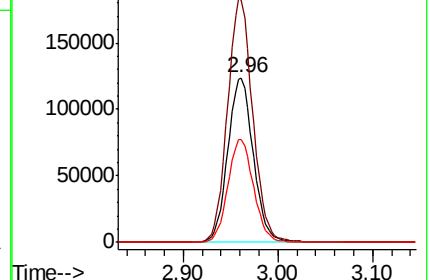
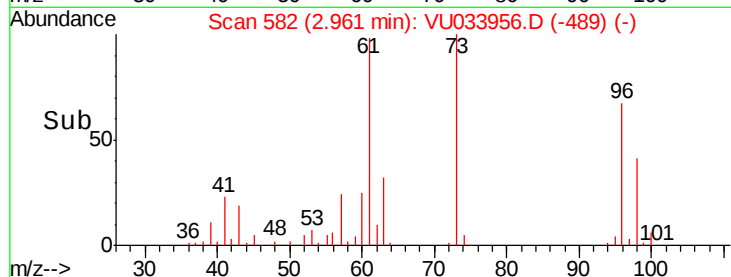
98 62.3 49.8 74.8



Abundance Ion 95.90 (95.60 to 96.60): VU033956.D (-566) (-)

Ion 60.90 (60.60 to 61.60): VU033956.D (-566) (-)

Ion 97.90 (97.60 to 98.60): VU033956.D (-566) (-)



#22

Diisopropyl ether

Concen: 40.437 ug/l

RT: 3.54 min Scan# 763

Delta R.T. 0.00 min

Lab File: VU033956.D

Acq: 26 Aug 2019 17:50

Tgt Ion: 45 Resp: 768293

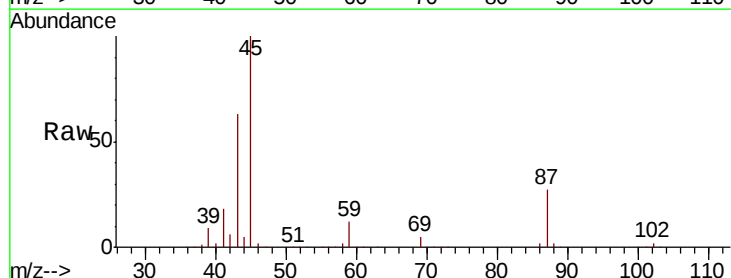
Ion Ratio Lower Upper

45 100

43 62.9 50.6 76.0

87 26.4 21.2 31.8

59 11.9 9.6 14.4

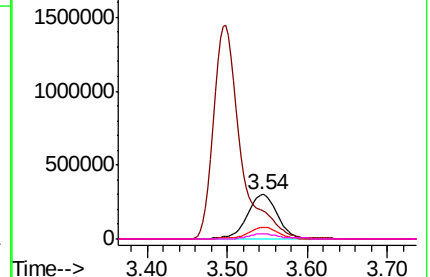
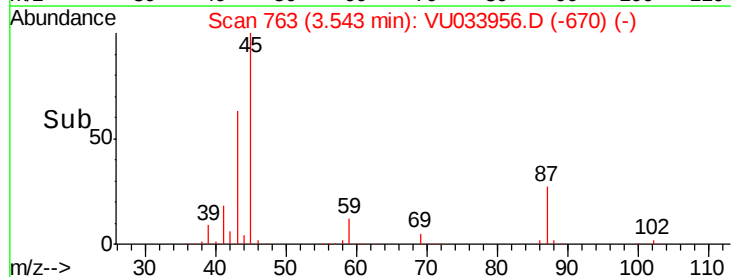


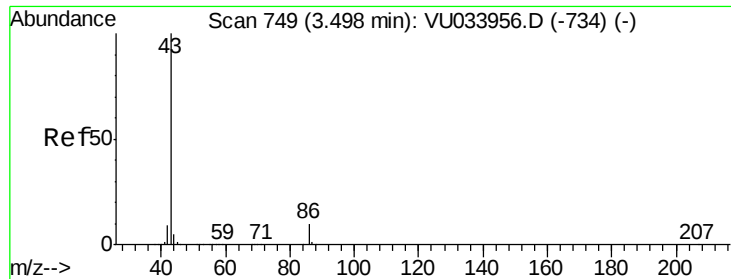
Abundance Ion 45.00 (44.70 to 45.70): VU033956.D (-741) (-)

Ion 43.00 (42.70 to 43.70): VU033956.D (-741) (-)

Ion 87.00 (86.70 to 87.70): VU033956.D (-741) (-)

Ion 59.00 (58.70 to 59.70): VU033956.D (-741) (-)

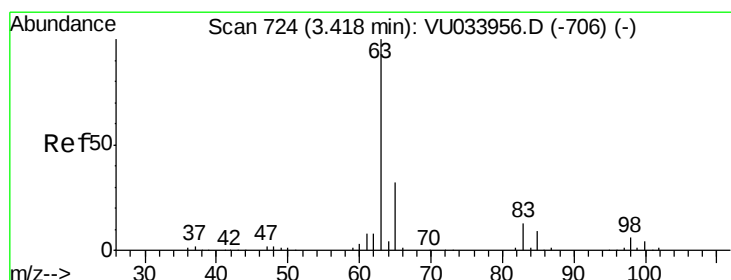
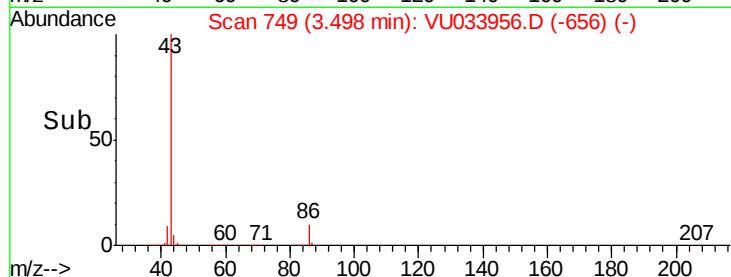
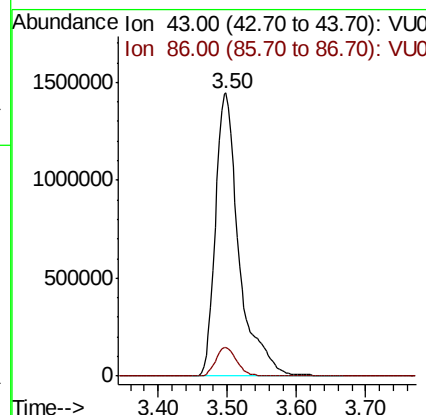
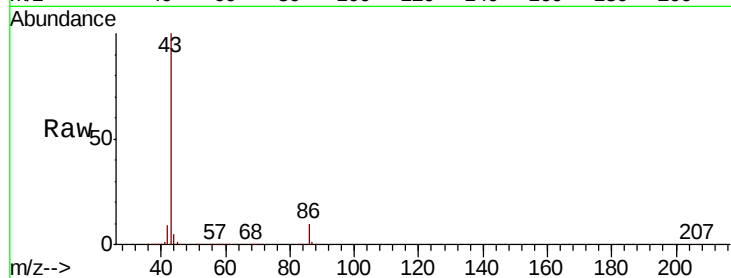




#23
 Vinyl Acetate
 Concen: 215.811 ug/l
 RT: 3.50 min Scan# 749
 Delta R.T. 0.00 min
 Lab File: VU033956.D
 Acq: 26 Aug 2019 17:50

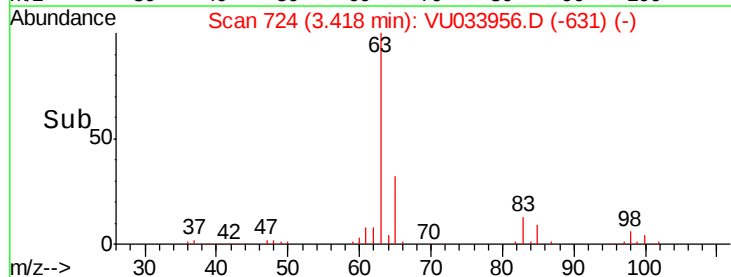
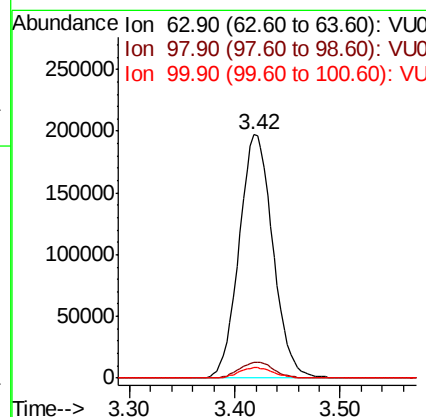
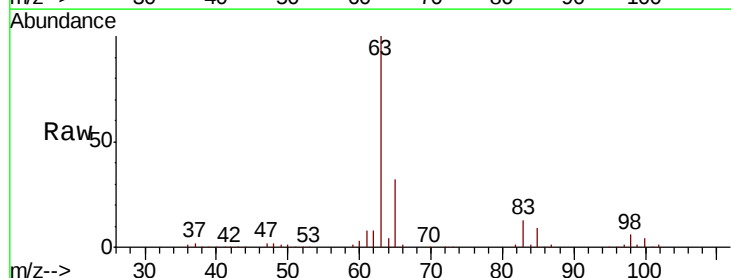
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC050

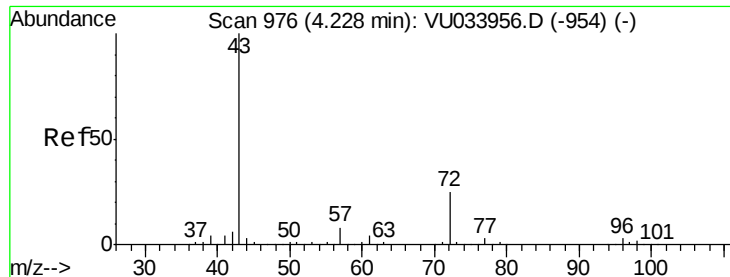
Tot Ion: 43 Resp: 3410569
 Ion Ratio Lower Upper
 43 100
 86 10.3 8.2 12.4



#24
 1,1-Dichloroethane
 Concen: 43.307 ug/l
 RT: 3.42 min Scan# 724
 Delta R.T. 0.00 min
 Lab File: VU033956.D
 Acq: 26 Aug 2019 17:50

Tgt Ion: 63 Resp: 438348
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.2 9.6
 100 4.3 2.1 6.5





#25

2-Butanone

Concen: 214.337 ug/l

RT: 4.23 min Scan# 976

Delta R.T. 0.00 min

Lab File: VU033956.D

Acq: 26 Aug 2019 17:50

Instrument :

MSVOA_U

ClientSampleId :

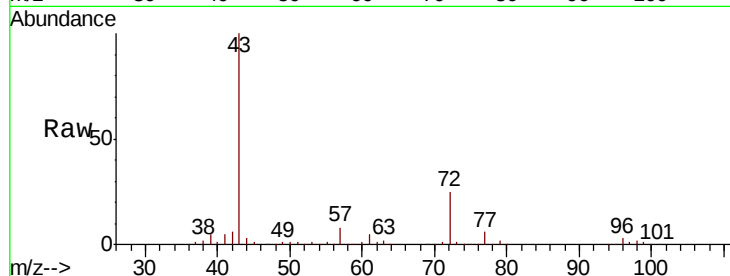
VSTDICCC050

Tot Ion: 43 Resp: 1091603

Ion Ratio Lower Upper

43 100

72 25.4 20.3 30.5



Abundance Ion 43.00 (42.70 to 43.70): VU033956.D (-954) (-)

Ion 72.00 (71.70 to 72.70): VU033956.D (-954) (-)

4.23

500000

400000

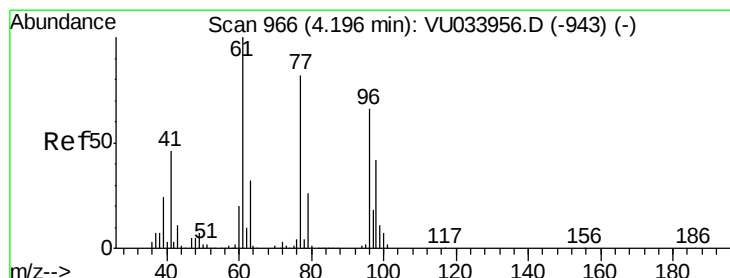
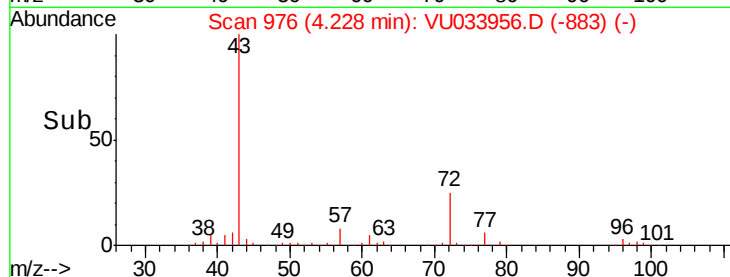
300000

200000

100000

0

Time-->



#26

2,2-Dichloropropane

Concen: 44.154 ug/l

RT: 4.20 min Scan# 966

Delta R.T. 0.00 min

Lab File: VU033956.D

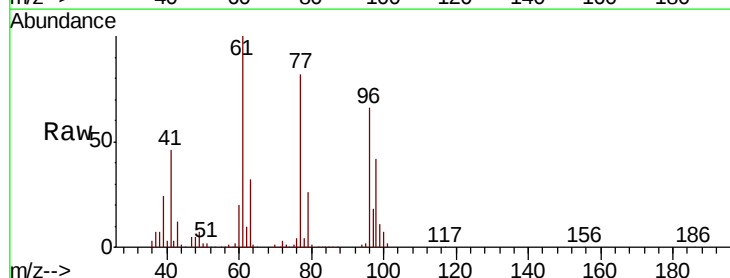
Acq: 26 Aug 2019 17:50

Tgt Ion: 77 Resp: 355838

Ion Ratio Lower Upper

77 100

97 22.2 11.1 33.3



Abundance Ion 76.90 (76.60 to 77.60): VU033956.D (-943) (-)

Ion 96.90 (96.60 to 97.60): VU033956.D (-943) (-)

4.20

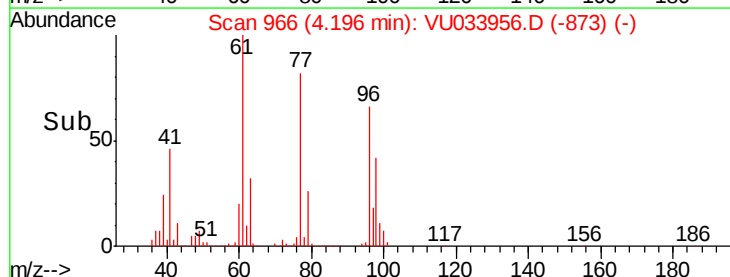
150000

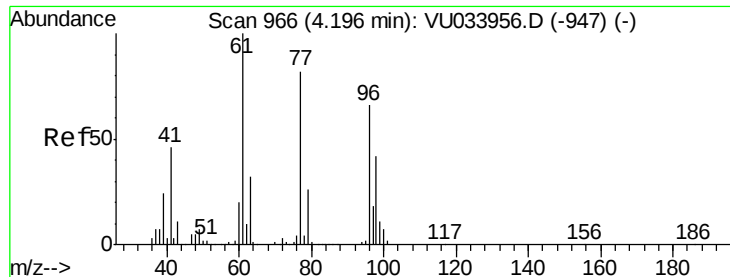
100000

50000

0

Time-->



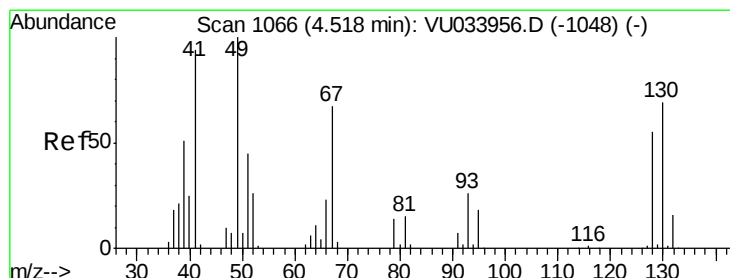
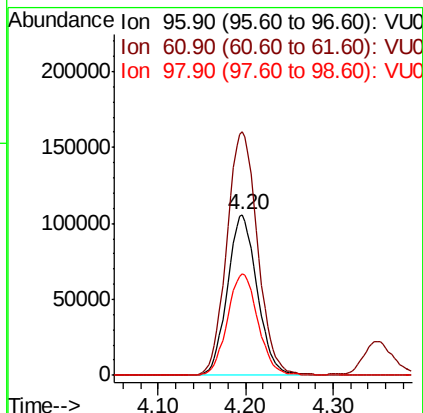
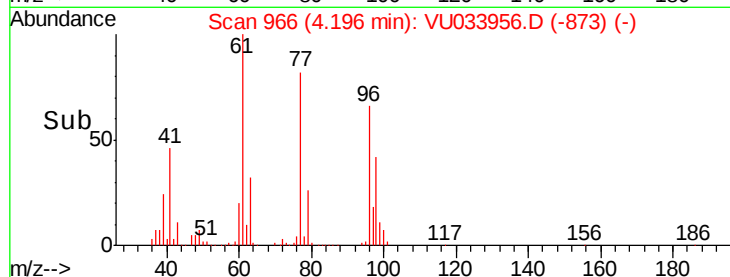
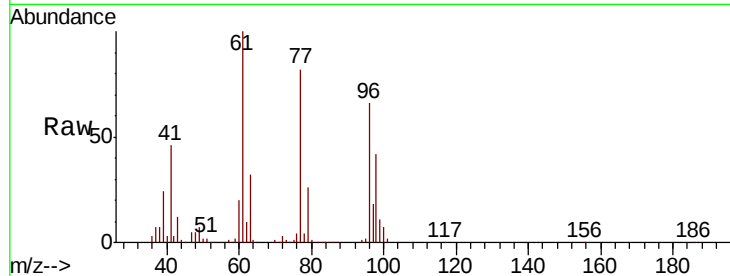


#27

cis-1,2-Dichloroethene
Concen: 46.305 ug/l
RT: 4.20 min Scan# 966
Delta R.T. 0.00 min
Lab File: VU033956.D
Acq: 26 Aug 2019 17:50

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

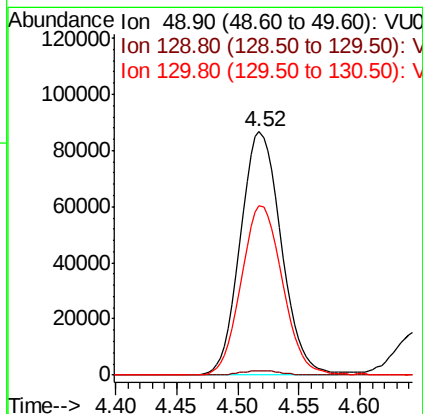
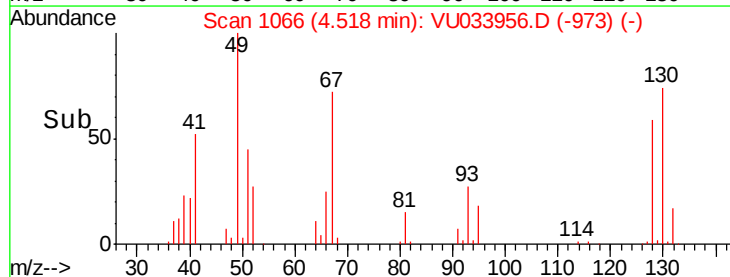
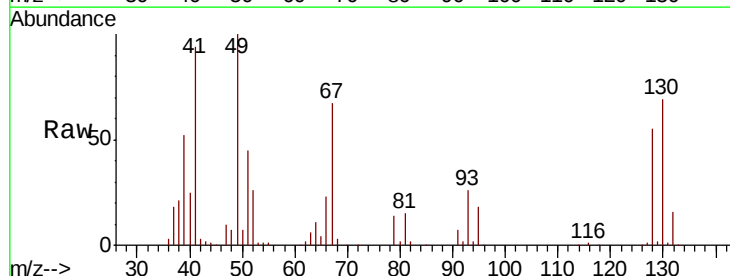
Tot Ion	Ratio	Lower	Upper
96	100		
61	156.1	0.0	312.2
98	64.7	0.0	129.4

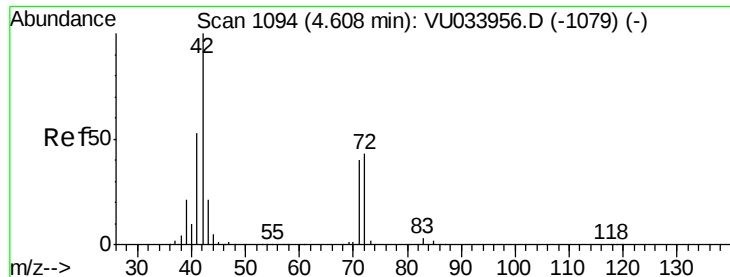


#28

Bromochloromethane
Concen: 43.867 ug/l
RT: 4.52 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VU033956.D
Acq: 26 Aug 2019 17:50

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	3.6
130	70.3	56.2	84.4





#29

Tetrahydrofuran

Concen: 211.332 ug/l

RT: 4.61 min Scan# 1094

Delta R.T. 0.00 min

Lab File: VU033956.D

Acq: 26 Aug 2019 17:50

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC050

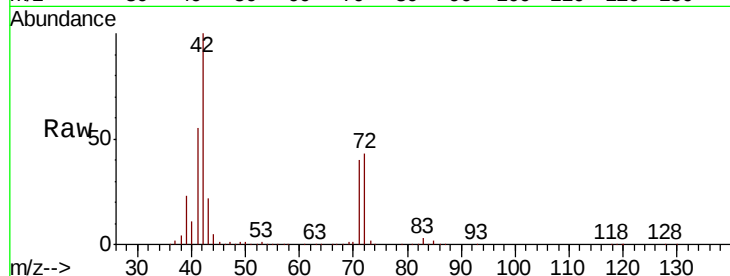
Tot Ion: 42 Resp: 688120

Ion Ratio Lower Upper

42 100

72 43.3 34.6 52.0

71 40.1 32.1 48.1



Abundance Ion 42.00 (41.70 to 42.70): VU033956.D (-1079) (-)

Ion 72.00 (71.70 to 72.70): VU033956.D (-1079) (-)

Ion 71.00 (70.70 to 71.70): VU033956.D (-1079) (-)

4.61

300000

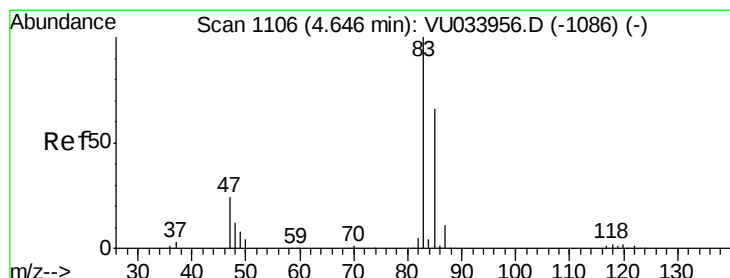
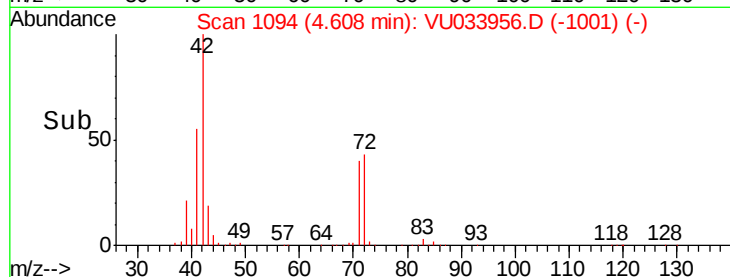
200000

100000

0

4.50 4.60 4.70 4.80

Time-->



#30

Chloroform

Concen: 46.818 ug/l

RT: 4.65 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VU033956.D

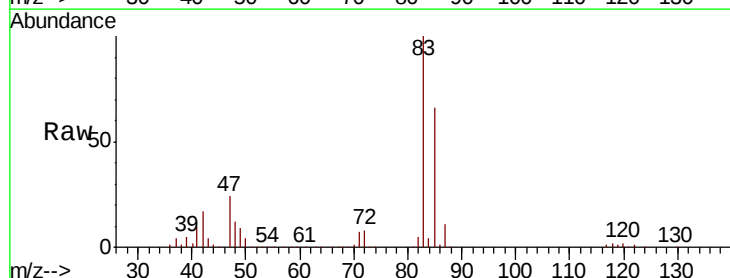
Acq: 26 Aug 2019 17:50

Tgt Ion: 83 Resp: 417770

Ion Ratio Lower Upper

83 100

85 65.5 52.4 78.6



Abundance Ion 82.90 (82.60 to 83.60): VU033956.D (-1086) (-)

Ion 84.90 (84.60 to 85.60): VU033956.D (-1086) (-)

4.65

200000

150000

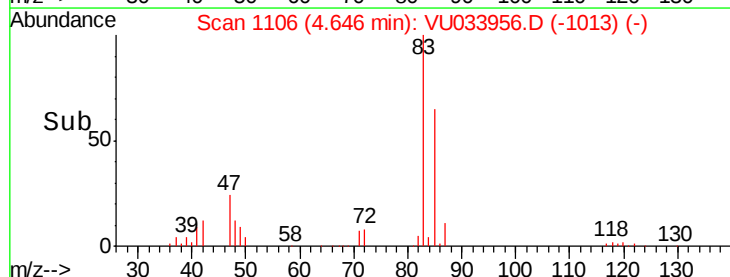
100000

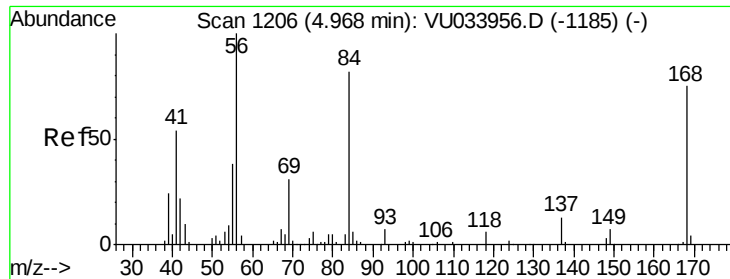
50000

0

4.50 4.60 4.70 4.80

Time-->

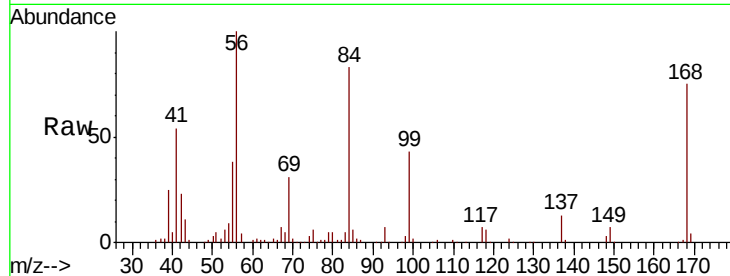




#31
Cyclohexane
Concen: 33.614 ug/l
RT: 4.97 min Scan# 1206
Delta R.T. 0.00 min
Lab File: VU033956.D
Acq: 26 Aug 2019 17:50

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

Tot Ion	56	Resp	396136
Ion Ratio	100		
Lower	24.6		
Upper	37.0		
69	30.8		
84	81.7		
65.4			
98.0			

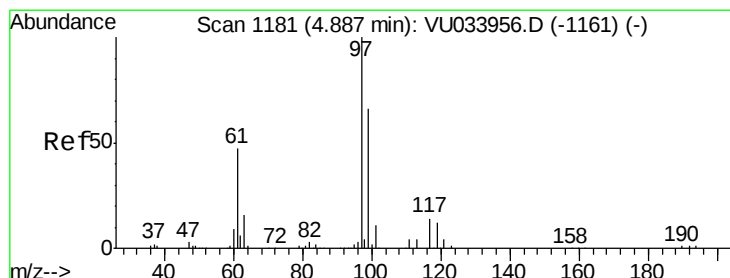
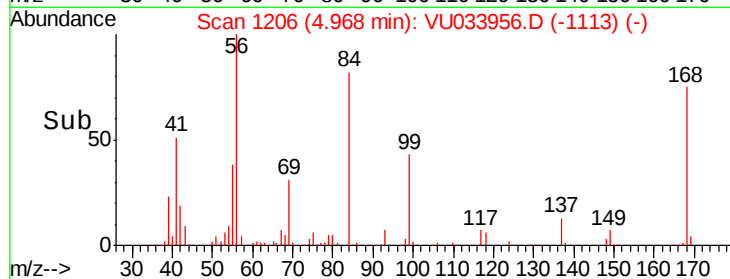
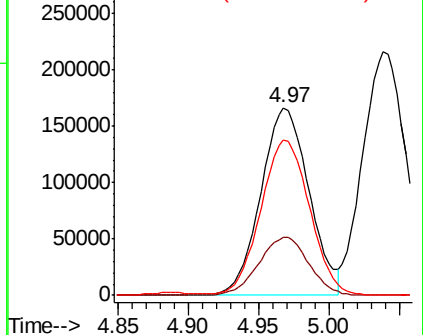


Abundance

Ion 56.00 (55.70 to 56.70): VU033956.D (-1185) (-)

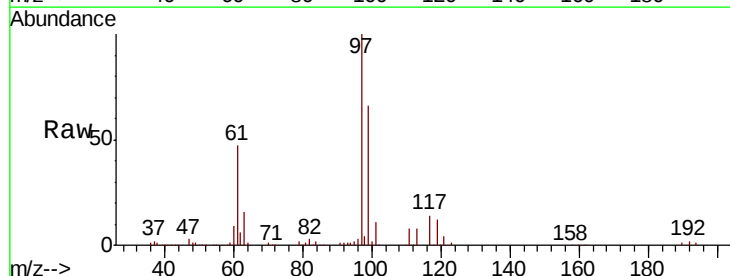
Ion 69.00 (68.70 to 69.70): VU033956.D (-1185) (-)

Ion 84.00 (83.70 to 84.70): VU033956.D (-1185) (-)



#32
1,1,1-Trichloroethane
Concen: 47.458 ug/l
RT: 4.89 min Scan# 1181
Delta R.T. 0.00 min
Lab File: VU033956.D
Acq: 26 Aug 2019 17:50

Tgt Ion	97	Resp	352328
Ion Ratio	100		
Lower	51.4		
Upper	77.0		
99	64.2		
61	48.0		
38.4			
57.6			

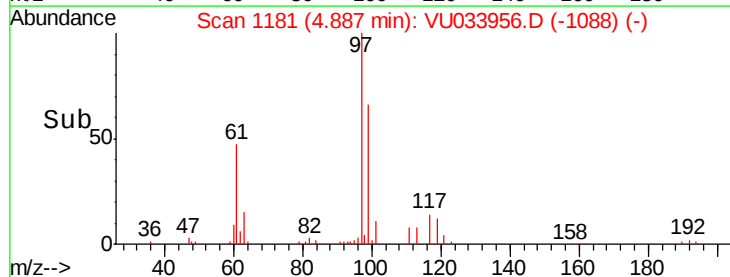
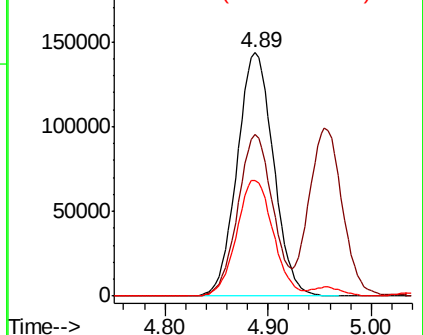


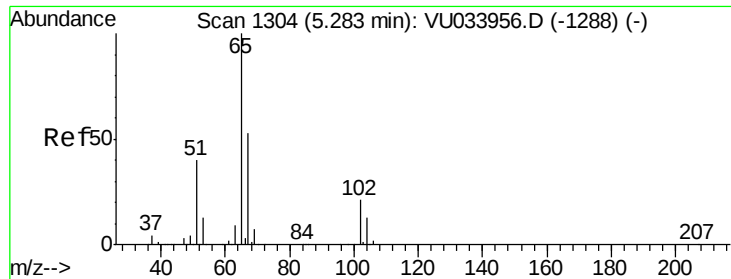
Abundance

Ion 96.90 (96.60 to 97.60): VU033956.D (-1161) (-)

Ion 98.90 (98.60 to 99.60): VU033956.D (-1161) (-)

Ion 60.90 (60.60 to 61.60): VU033956.D (-1161) (-)





#33

1,2-Dichloroethane-d4

Concen: 43.498 ug/l

RT: 5.28 min Scan# 1304

Delta R.T. 0.00 min

Lab File: VU033956.D

Acq: 26 Aug 2019 17:50

Instrument :

MSVOA_U

ClientSampleId :

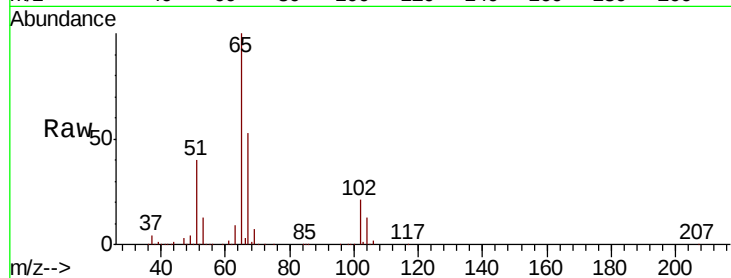
VSTDICCC050

Tot Ion: 65 Resp: 250431

Ion Ratio Lower Upper

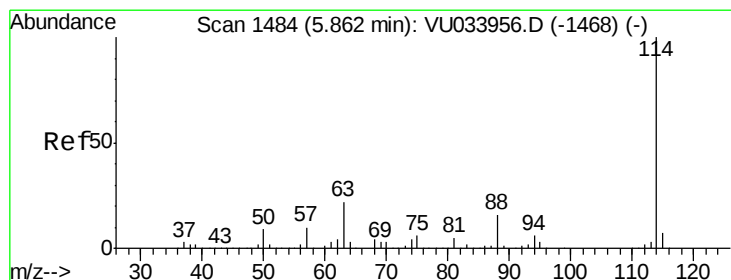
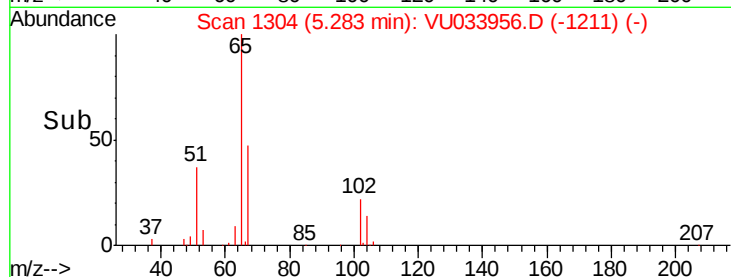
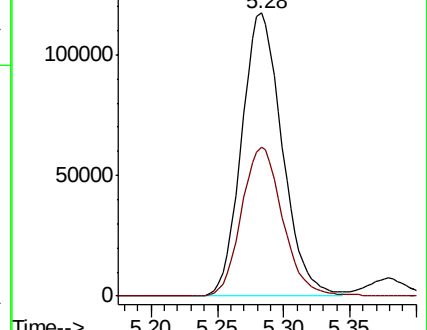
65 100

67 53.6 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VU033956.D (-1288) (-)

Ion 66.90 (66.60 to 67.60): VU033956.D (-1288) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.86 min Scan# 1484

Delta R.T. 0.00 min

Lab File: VU033956.D

Acq: 26 Aug 2019 17:50

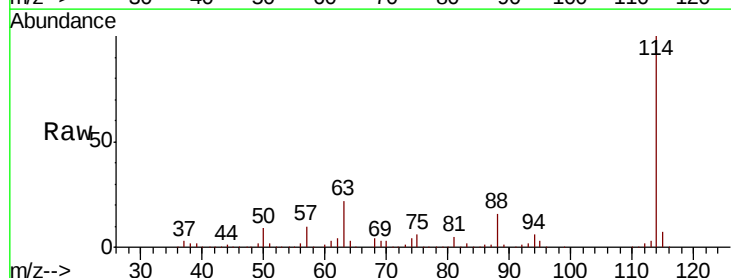
Tgt Ion: 114 Resp: 618958

Ion Ratio Lower Upper

114 100

63 22.1 0.0 44.2

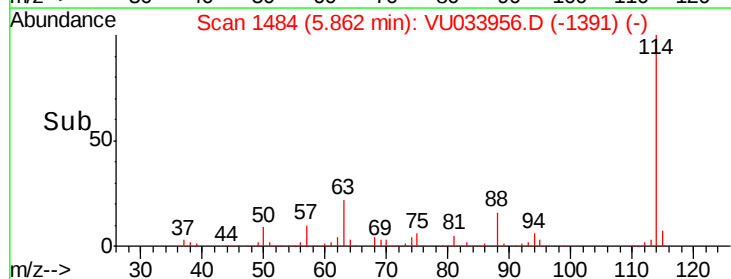
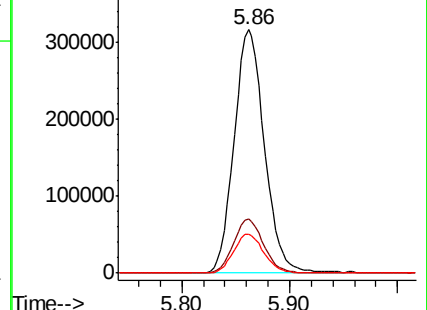
88 16.0 0.0 32.0

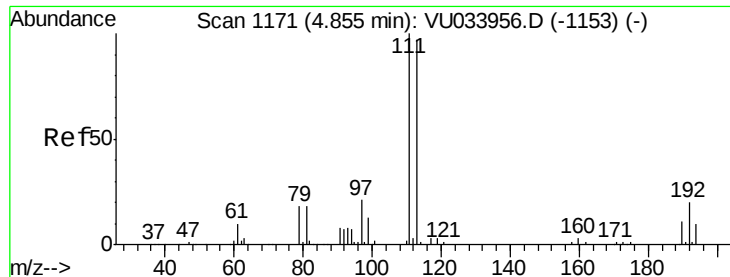


Abundance Ion 113.90 (113.60 to 114.60): VU033956.D (-1468) (-)

Ion 63.00 (62.70 to 63.70): VU033956.D (-1468) (-)

Ion 87.90 (87.60 to 88.60): VU033956.D (-1468) (-)

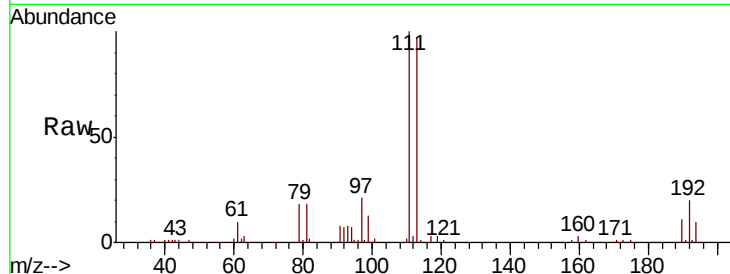




#35
 Dibromofluoromethane
 Concen: 49.764 ug/l
 RT: 4.86 min Scan# 1171
 Delta R.T. 0.00 min
 Lab File: VU033956.D
 Acq: 26 Aug 2019 17:50

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.0	123.0
192	20.3	16.2	24.4

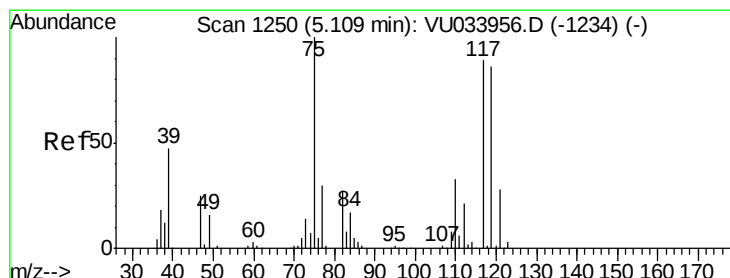
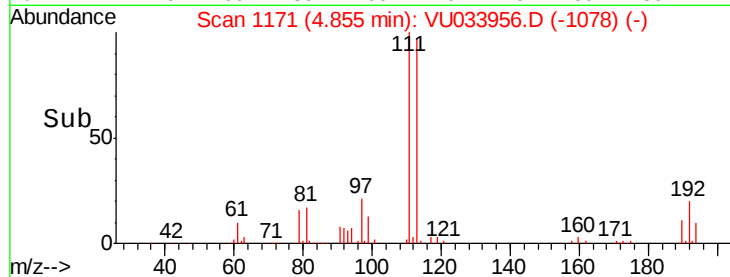
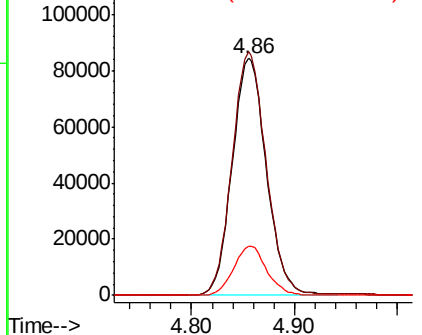


Abundance

Ion 112.80 (112.50 to 113.50): V

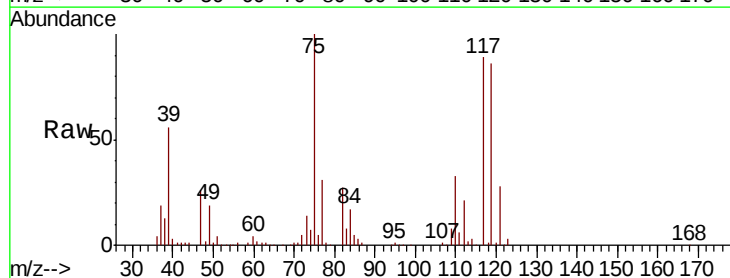
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36
 1,1-Dichloropropene
 Concen: 47.284 ug/l
 RT: 5.11 min Scan# 1250
 Delta R.T. 0.00 min
 Lab File: VU033956.D
 Acq: 26 Aug 2019 17:50

Tgt Ion	Ratio	Lower	Upper
75	100		
110	33.6	16.8	50.4
77	30.9	24.7	37.1

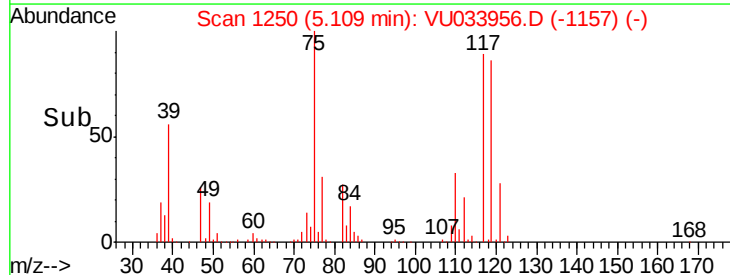
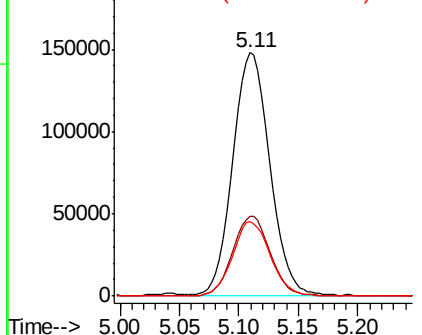


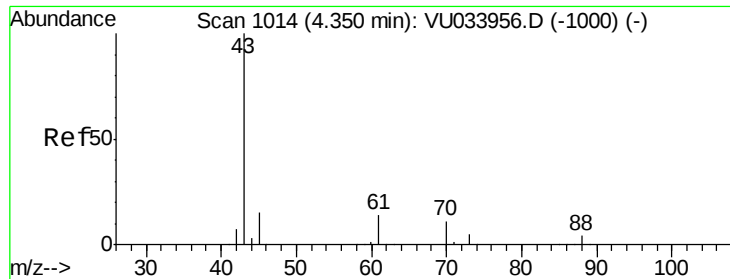
Abundance

Ion 74.90 (74.60 to 75.60): VU0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VU0

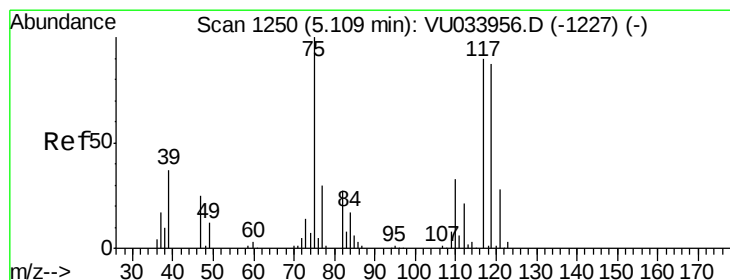
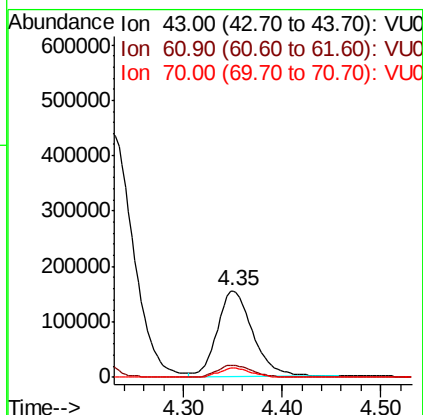
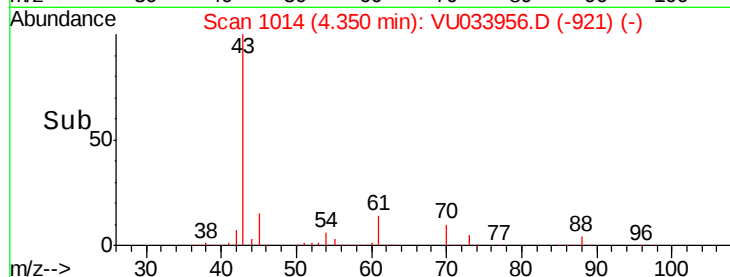
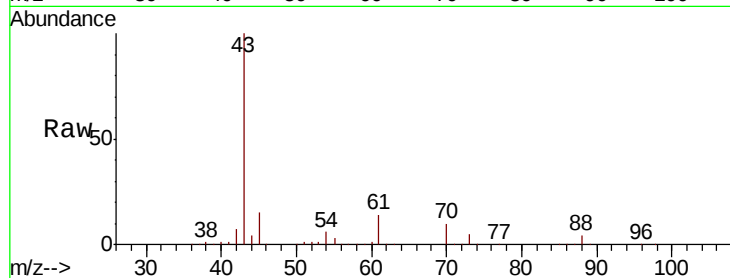




#37
Ethyl Acetate
Concen: 45.309 ug/l
RT: 4.35 min Scan# 1014
Delta R.T. 0.00 min
Lab File: VU033956.D
Acq: 26 Aug 2019 17:50

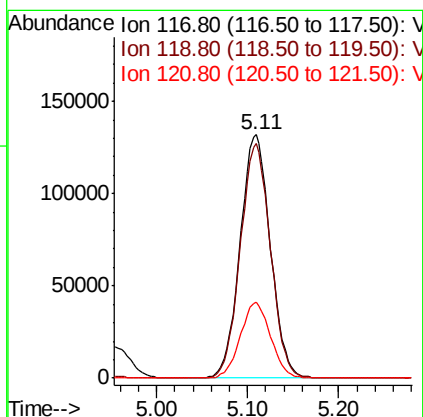
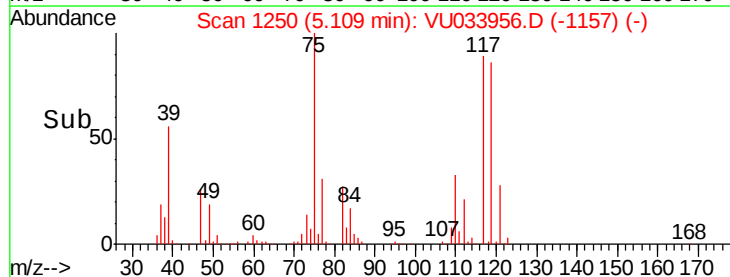
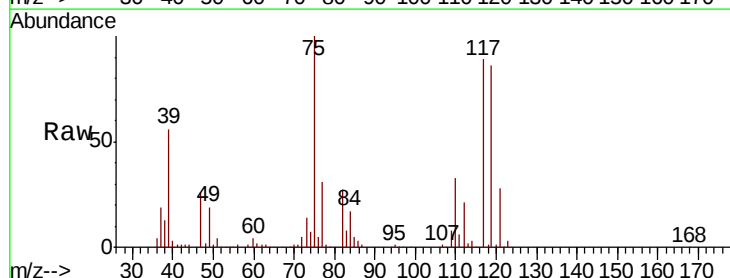
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

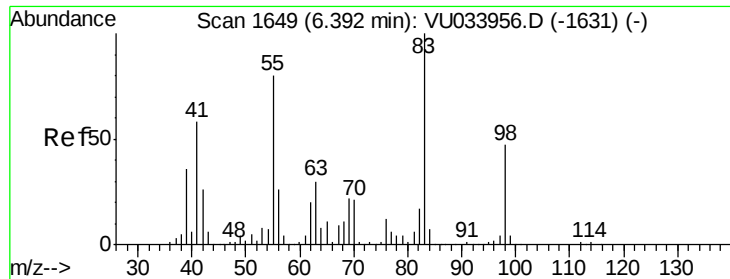
Tot Ion: 43 Resp: 387238
Ion Ratio Lower Upper
43 100
61 13.8 11.0 16.6
70 10.3 8.2 12.4



#38
Carbon Tetrachloride
Concen: 54.622 ug/l
RT: 5.11 min Scan# 1250
Delta R.T. 0.00 min
Lab File: VU033956.D
Acq: 26 Aug 2019 17:50

Tgt Ion: 117 Resp: 304799
Ion Ratio Lower Upper
117 100
119 96.1 76.9 115.3
121 31.1 24.9 37.3

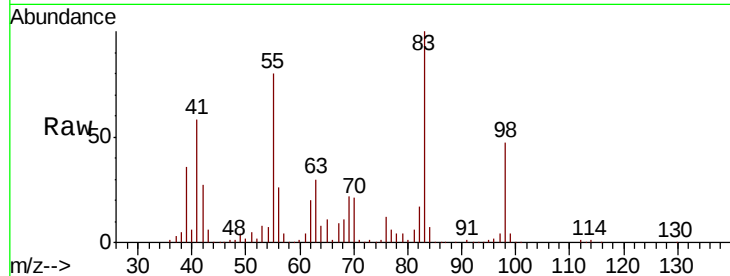




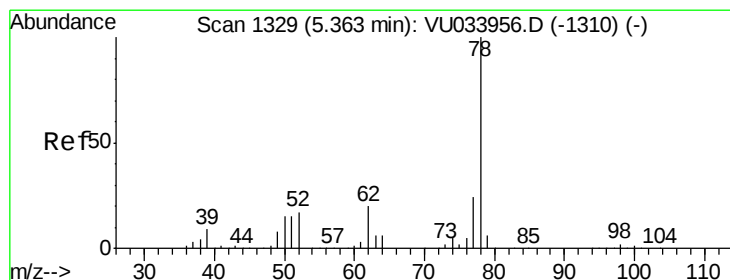
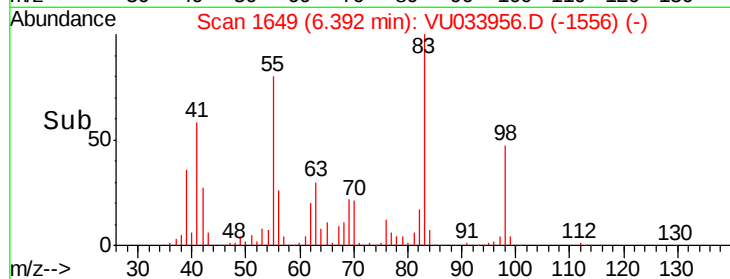
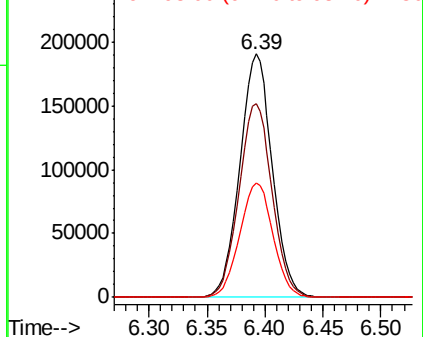
#39
Methvlcvclohexane
Concen: 45.482 ug/l
RT: 6.39 min Scan# 1649
Delta R.T. 0.00 min
Lab File: VU033956.D
Acq: 26 Aug 2019 17:50

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

Tot Ion: 83 Resp: 371066
Ion Ratio Lower Upper
83 100
55 79.8 63.8 95.8
98 47.1 37.7 56.5

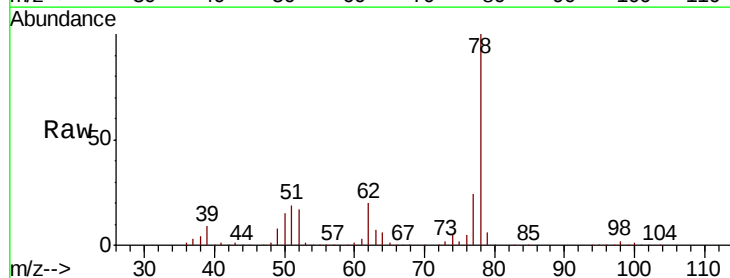


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

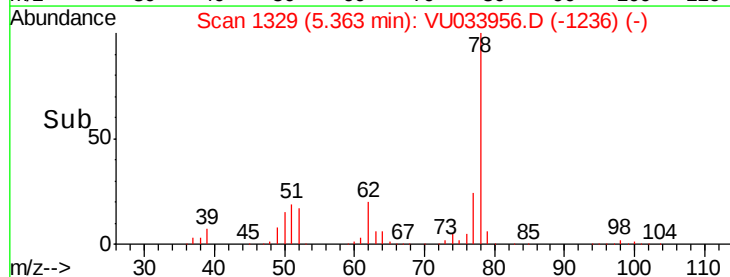
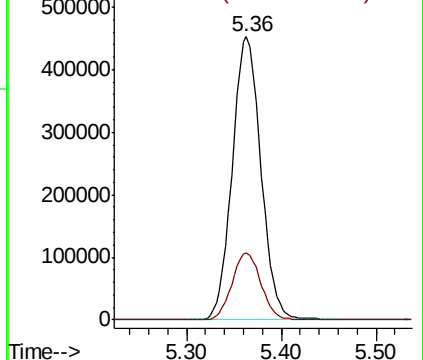


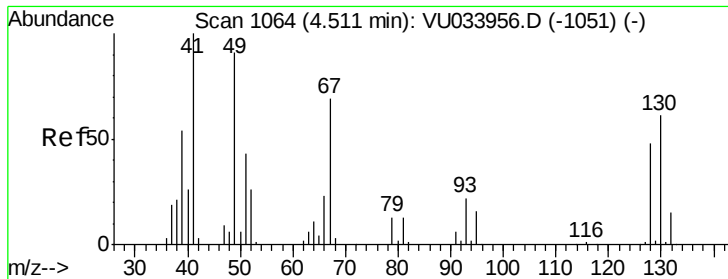
#40
Benzene
Concen: 48.159 ug/l
RT: 5.36 min Scan# 1329
Delta R.T. 0.00 min
Lab File: VU033956.D
Acq: 26 Aug 2019 17:50

Tgt Ion: 78 Resp: 953508
Ion Ratio Lower Upper
78 100
77 23.7 19.0 28.4



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





#41

Methacrylonitrile

Concen: 43.987 ug/l

RT: 4.51 min Scan# 1064

Delta R.T. 0.00 min

Lab File: VU033956.D

Acq: 26 Aug 2019 17:50

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC050

Tot Ion: 41 Resp: 204900

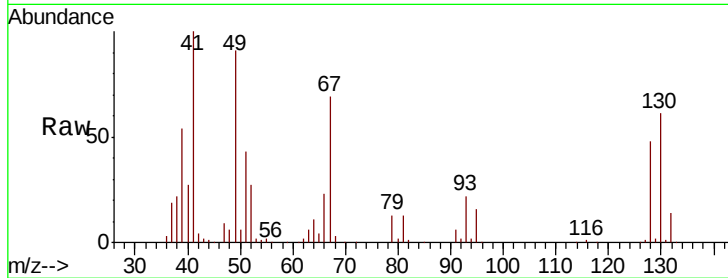
Ion Ratio Lower Upper

41 100

39 54.1 43.3 64.9

67 71.9 57.5 86.3

52 28.3 22.6 34.0

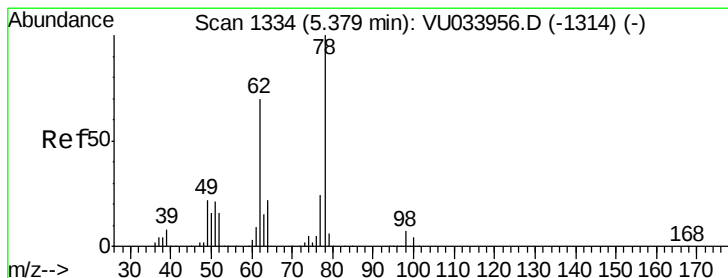
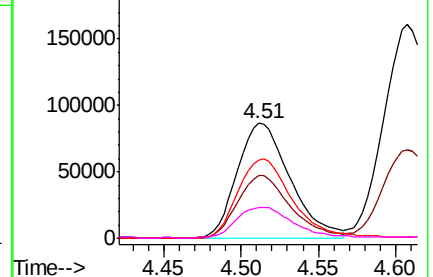
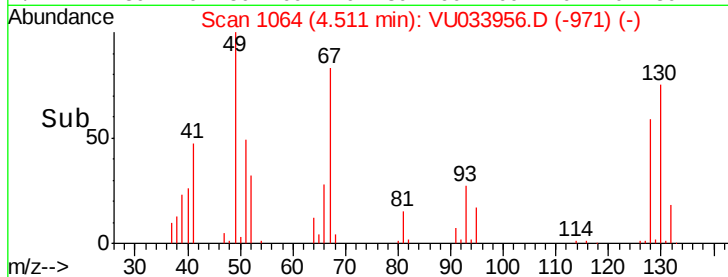


Abundance Ion 41.00 (40.70 to 41.70): VU033956.D (-1051) (-)

Ion 39.00 (38.70 to 39.70): VU033956.D (-1051) (-)

Ion 67.00 (66.70 to 67.70): VU033956.D (-1051) (-)

Ion 52.00 (51.70 to 52.70): VU033956.D (-1051) (-)



#42

1,2-Dichloroethane

Concen: 49.884 ug/l

RT: 5.38 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VU033956.D

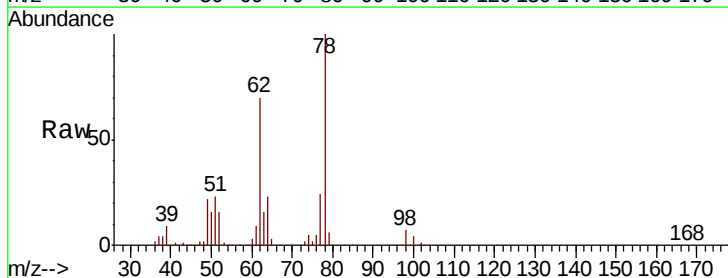
Acq: 26 Aug 2019 17:50

Tgt Ion: 62 Resp: 348548

Ion Ratio Lower Upper

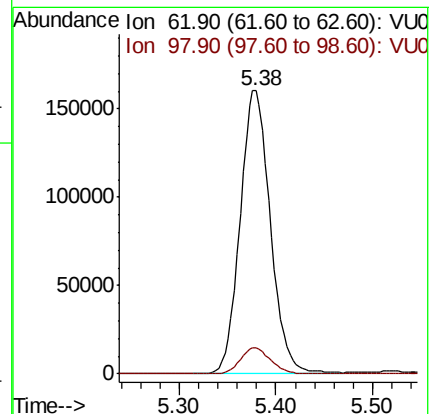
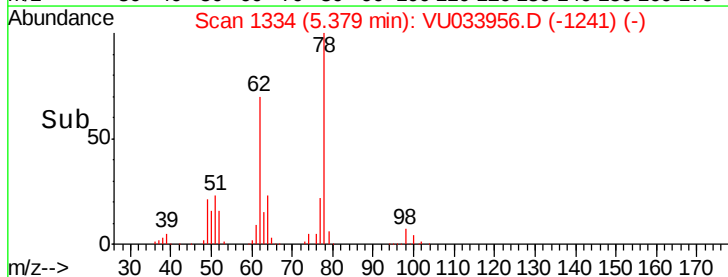
62 100

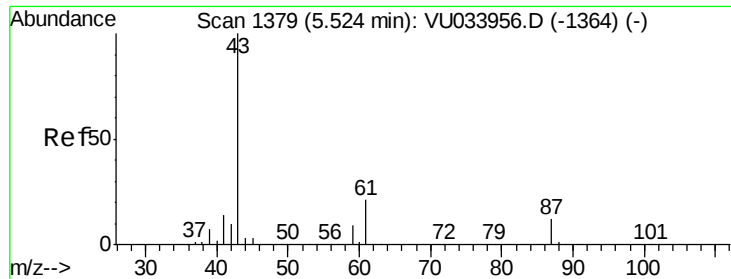
98 9.1 0.0 18.2



Abundance Ion 61.90 (61.60 to 62.60): VU033956.D (-1314) (-)

Ion 97.90 (97.60 to 98.60): VU033956.D (-1314) (-)

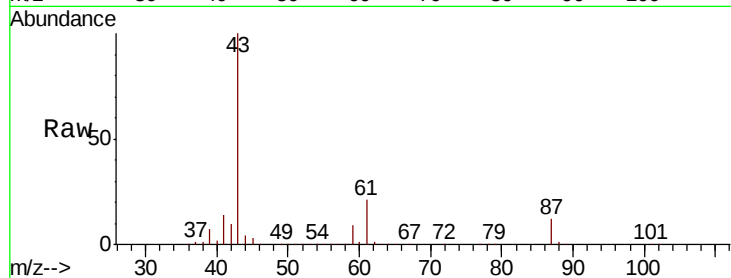




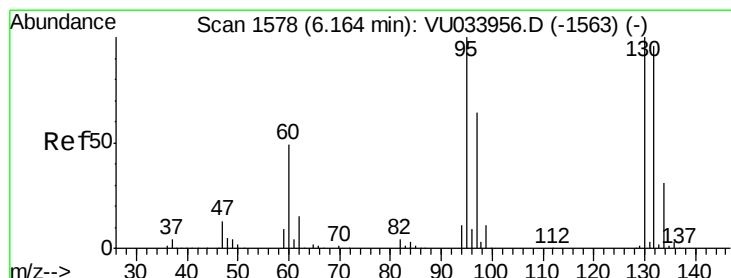
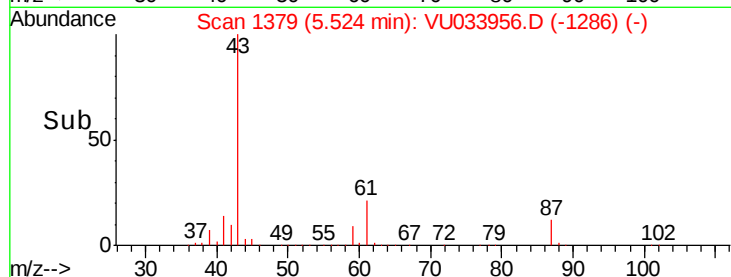
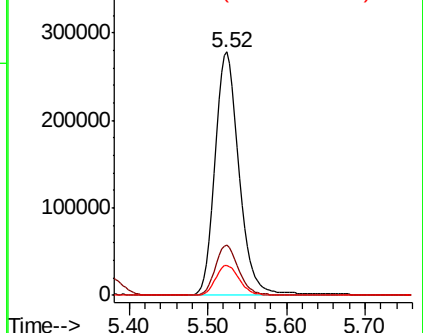
#43
Isopropyl Acetate
Concen: 43.401 ug/l
RT: 5.52 min Scan# 1379
Delta R.T. 0.00 min
Lab File: VU033956.D
Acq: 26 Aug 2019 17:50

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

Tot Ion: 43 Resp: 582818
Ion Ratio Lower Upper
43 100
61 20.1 16.1 24.1
87 12.4 9.9 14.9

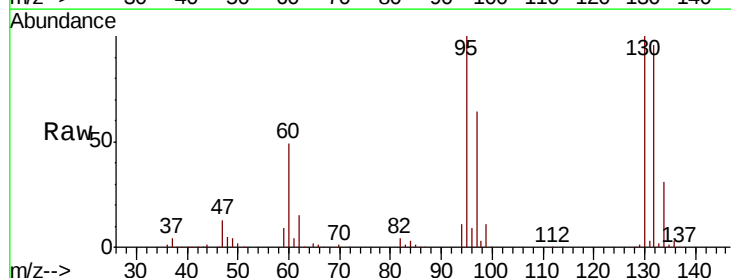


Abundance Ion 43.00 (42.70 to 43.70): VU033956.D (-1364) (-)
Ion 61.00 (60.70 to 61.70): VU033956.D (-1364) (-)
Ion 87.00 (86.70 to 87.70): VU033956.D (-1364) (-)

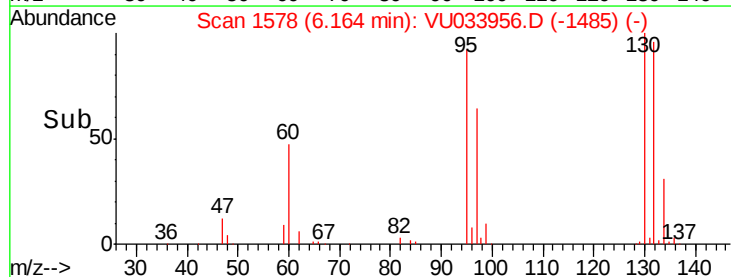
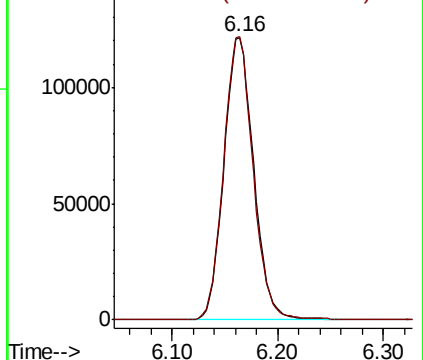


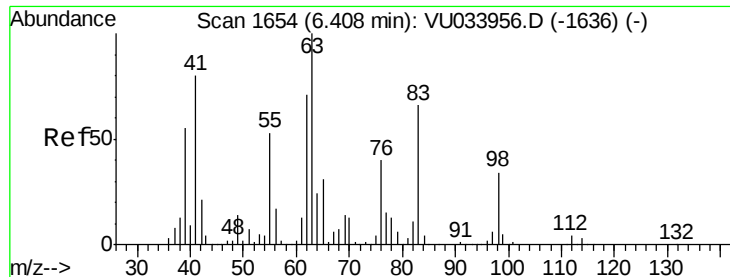
#44
Trichloroethene
Concen: 52.551 ug/l
RT: 6.16 min Scan# 1578
Delta R.T. 0.00 min
Lab File: VU033956.D
Acq: 26 Aug 2019 17:50

Tgt Ion:130 Resp: 236593
Ion Ratio Lower Upper
130 100
95 100.2 0.0 200.4



Abundance Ion 129.80 (129.50 to 130.50): VU033956.D (-1563) (-)
Ion 94.90 (94.60 to 95.60): VU033956.D (-1563) (-)





#45

1,2-Dichloropropane

Concen: 47.735 ug/l

RT: 6.41 min Scan# 1654

Delta R.T. 0.00 min

Lab File: VU033956.D

Acq: 26 Aug 2019 17:50

Instrument :

MSVOA_U

ClientSampleId :

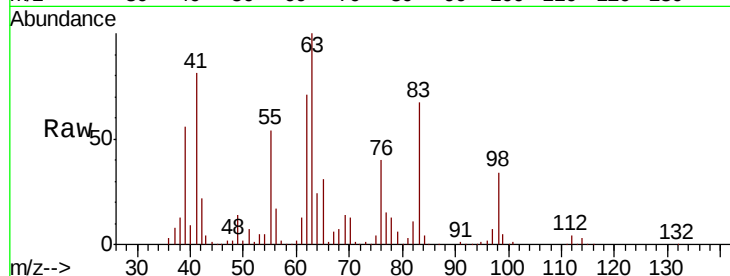
VSTDICCC050

Tot Ion: 63 Resp: 263671

Ion Ratio Lower Upper

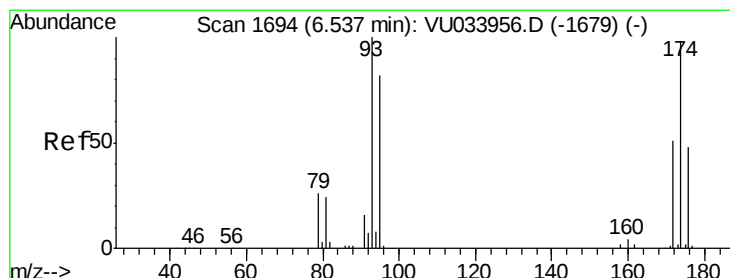
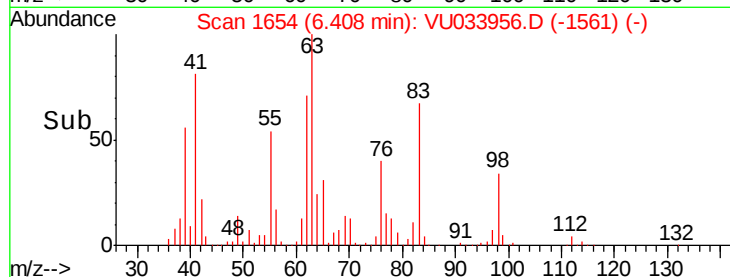
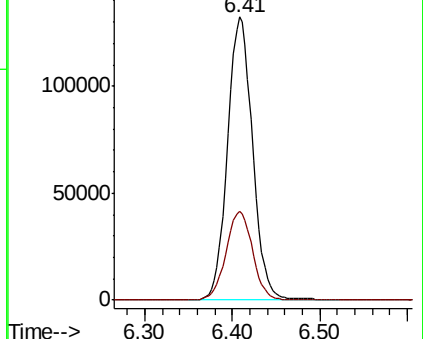
63 100

65 31.2 25.0 37.4



Abundance Ion 62.90 (62.60 to 63.60): VU033956.D (-1636) (-)

Ion 64.90 (64.60 to 65.60): VU033956.D (-1636) (-)



#46

Dibromomethane

Concen: 50.280 ug/l

RT: 6.54 min Scan# 1694

Delta R.T. 0.00 min

Lab File: VU033956.D

Acq: 26 Aug 2019 17:50

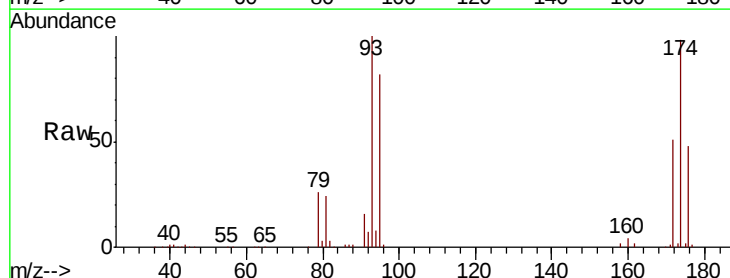
Tgt Ion: 93 Resp: 167332

Ion Ratio Lower Upper

93 100

95 84.1 67.3 100.9

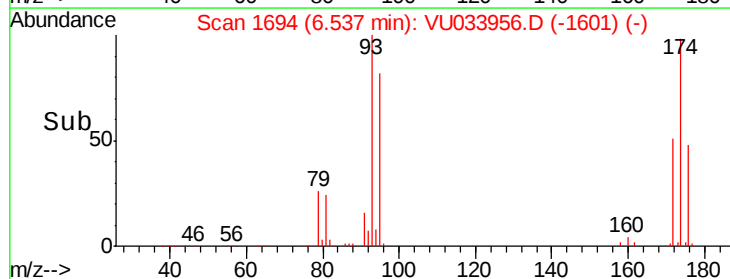
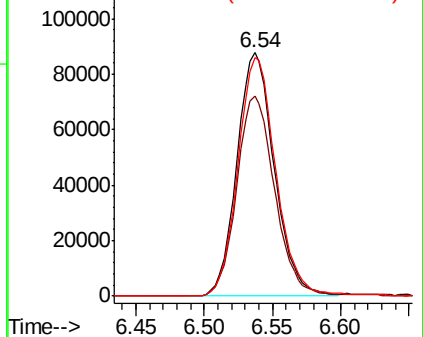
174 99.6 79.7 119.5

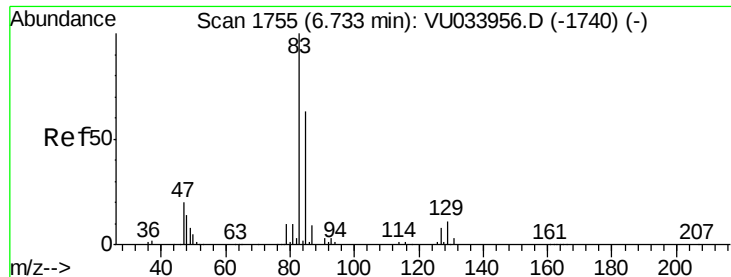


Abundance Ion 92.80 (92.50 to 93.50): VU033956.D (-1679) (-)

Ion 94.80 (94.50 to 95.50): VU033956.D (-1679) (-)

Ion 173.70 (173.40 to 174.40): VU033956.D (-1679) (-)

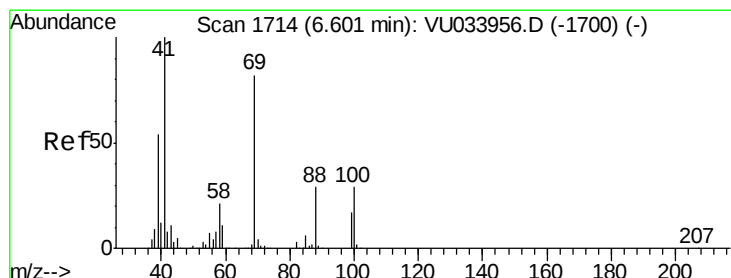
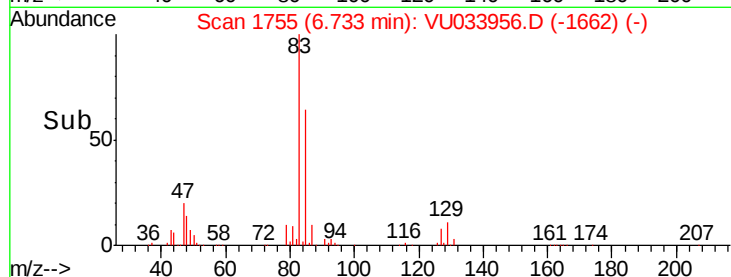
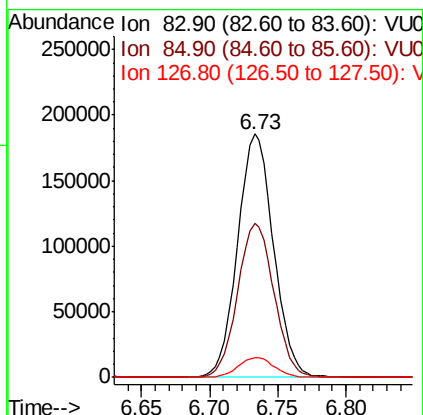
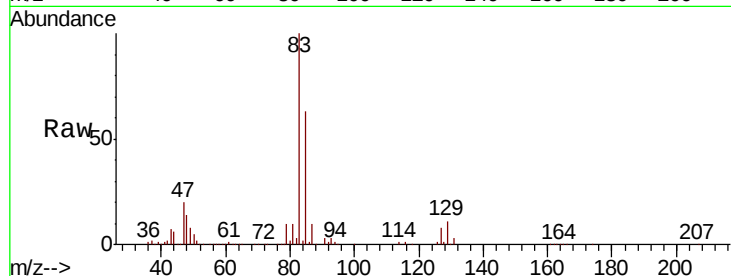




#47
 Bromodichloromethane
 Concen: 51.854 ug/l
 RT: 6.73 min Scan# 1755
 Delta R.T. 0.00 min
 Lab File: VU033956.D
 Acq: 26 Aug 2019 17:50

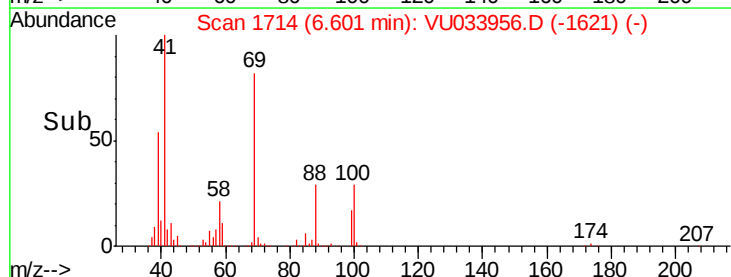
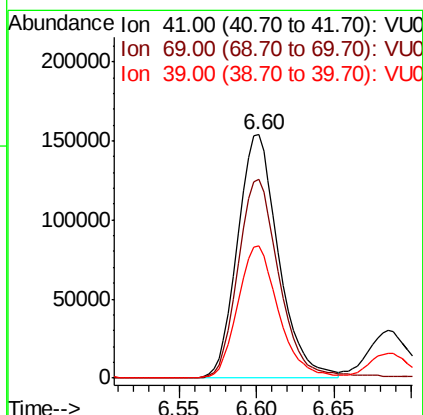
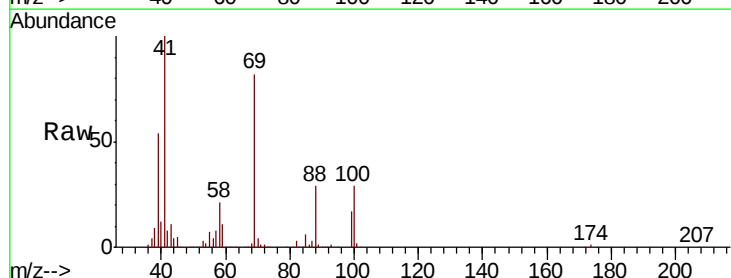
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC050

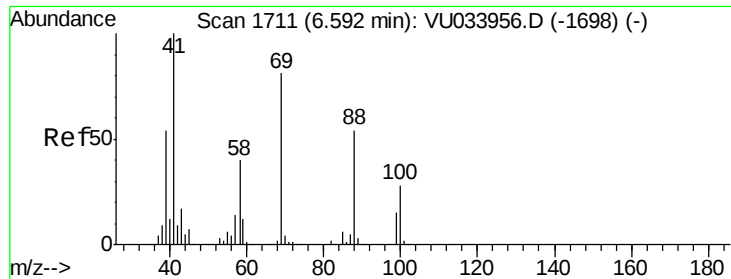
Tot Ion: 83 Resp: 338783
 Ion Ratio Lower Upper
 83 100
 85 63.1 50.5 75.7
 127 8.2 6.6 9.8



#48
 Methyl methacrylate
 Concen: 42.514 ug/l
 RT: 6.60 min Scan# 1714
 Delta R.T. 0.00 min
 Lab File: VU033956.D
 Acq: 26 Aug 2019 17:50

Tgt Ion: 41 Resp: 282078
 Ion Ratio Lower Upper
 41 100
 69 83.6 66.9 100.3
 39 54.1 43.3 64.9

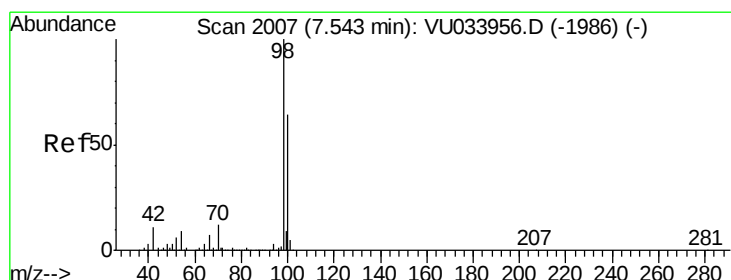
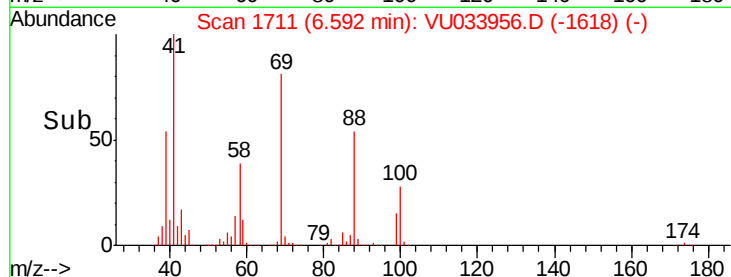
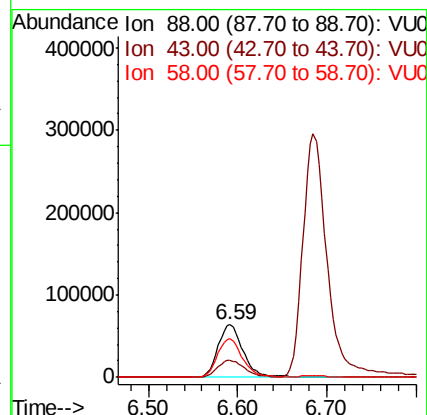
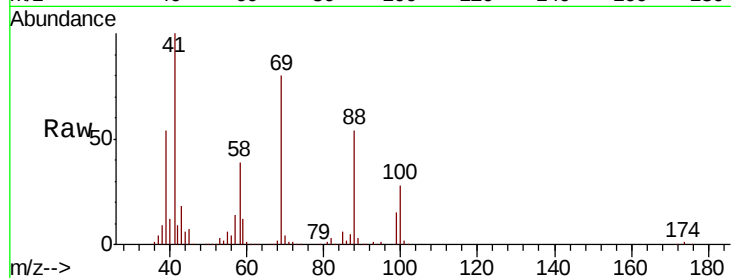




#49
1,4-Dioxane
Concen: 1110.398 ug/l
RT: 6.59 min Scan# 1711
Delta R.T. 0.00 min
Lab File: VU033956.D
Acq: 26 Aug 2019 17:50

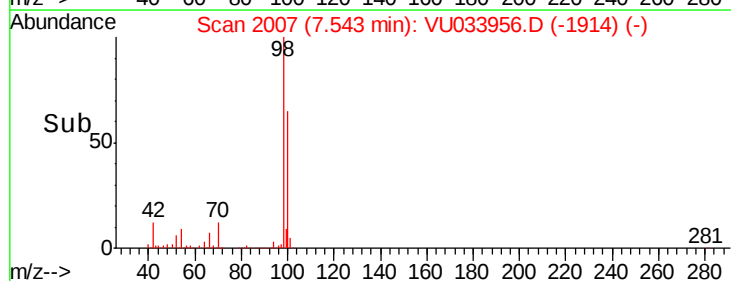
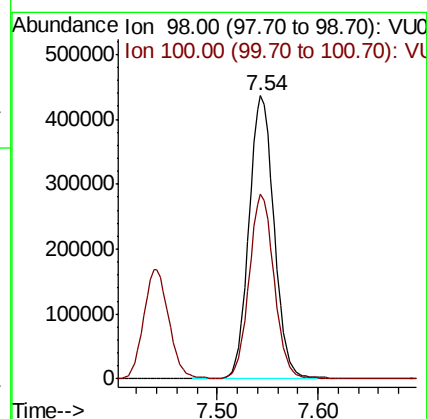
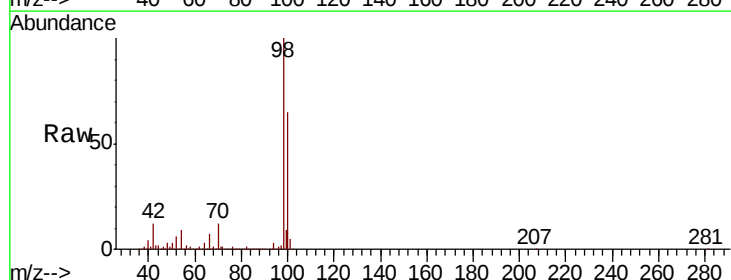
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

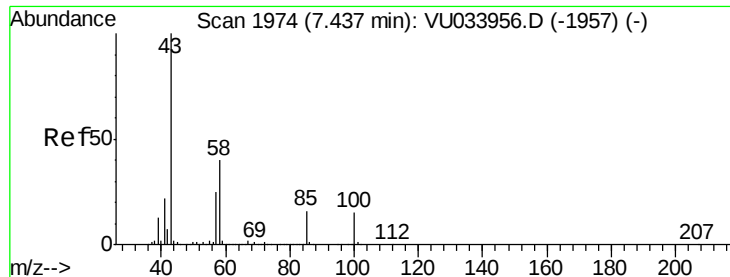
Tot Ion: 88 Resp: 123178
Ion Ratio Lower Upper
88 100
43 34.0 27.2 40.8
58 74.1 59.3 88.9



#50
Toluene-d8
Concen: 48.567 ug/l
RT: 7.54 min Scan# 2007
Delta R.T. 0.00 min
Lab File: VU033956.D
Acq: 26 Aug 2019 17:50

Tgt Ion: 98 Resp: 746281
Ion Ratio Lower Upper
98 100
100 64.7 51.8 77.6

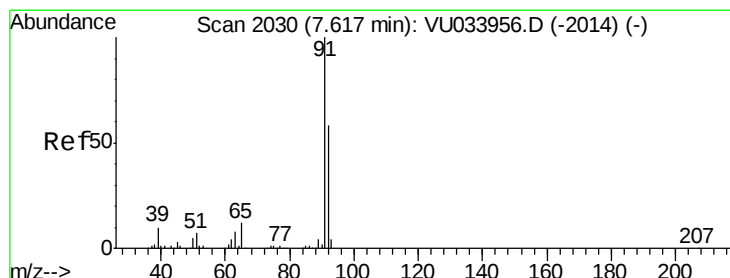
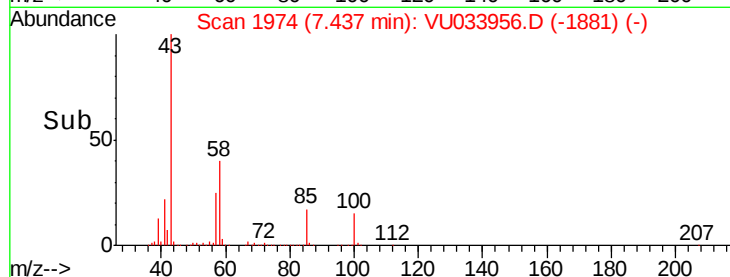
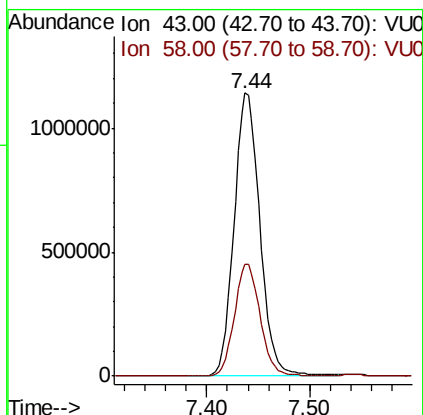
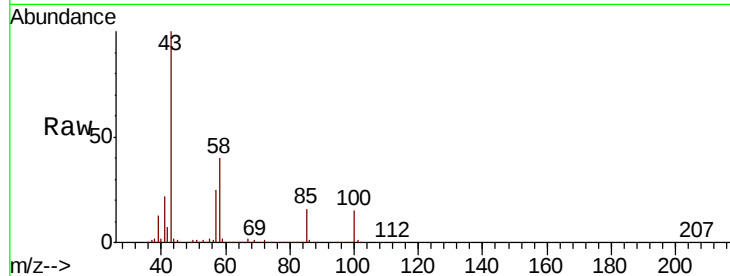




#51
 4-Methyl-2-Pentanone
 Concen: 231.998 ug/l
 RT: 7.44 min Scan# 1974
 Delta R.T. 0.00 min
 Lab File: VU033956.D
 Acq: 26 Aug 2019 17:50

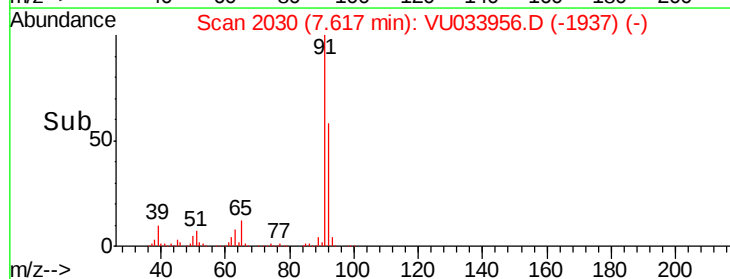
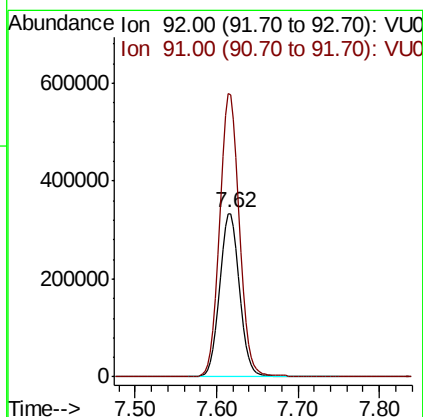
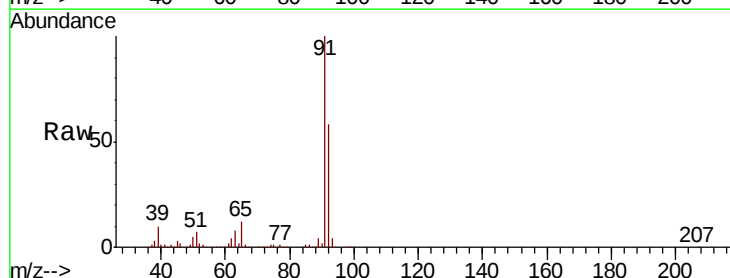
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC050

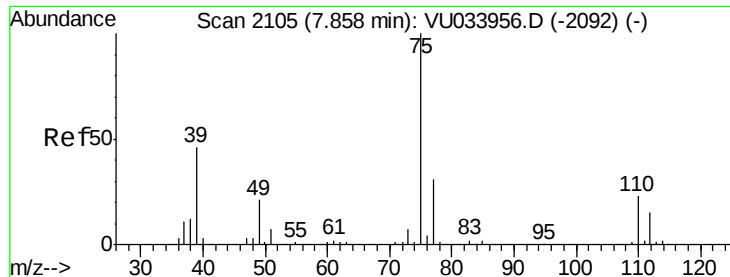
Tot Ion: 43 Resp: 1991509
 Ion Ratio Lower Upper
 43 100
 58 39.5 31.6 47.4



#52
 Toluene
 Concen: 49.639 ug/l
 RT: 7.62 min Scan# 2030
 Delta R.T. 0.00 min
 Lab File: VU033956.D
 Acq: 26 Aug 2019 17:50

Tgt Ion: 92 Resp: 580566
 Ion Ratio Lower Upper
 92 100
 91 171.9 137.5 206.3

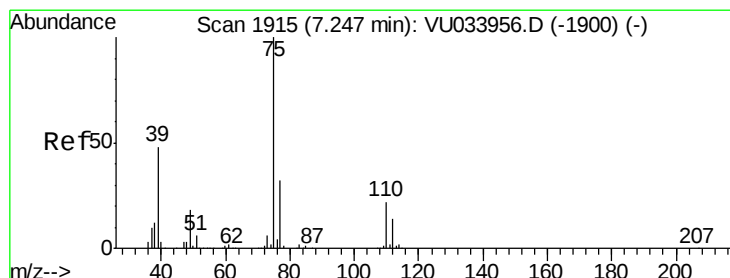
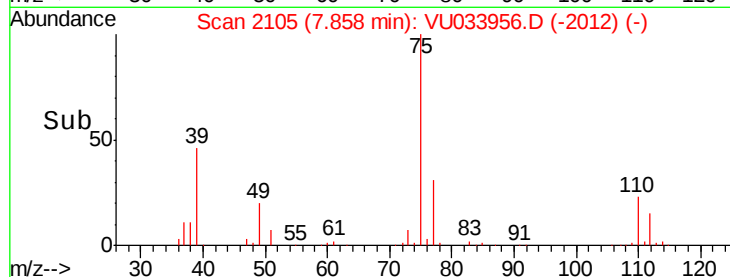
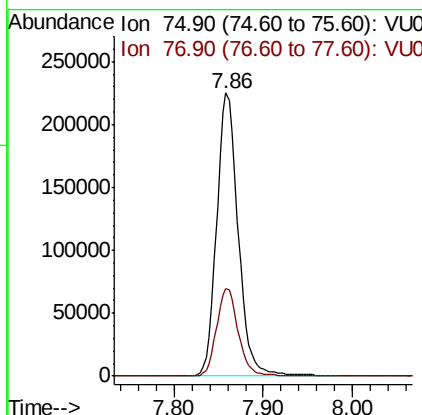
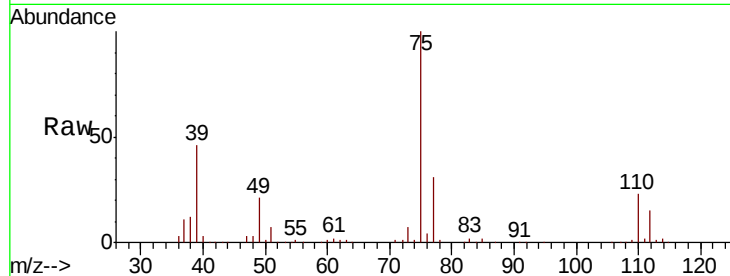




#53
t-1,3-Dichloropropene
Concen: 49.181 ug/l
RT: 7.86 min Scan# 2105
Delta R.T. 0.00 min
Lab File: VU033956.D
Acq: 26 Aug 2019 17:50

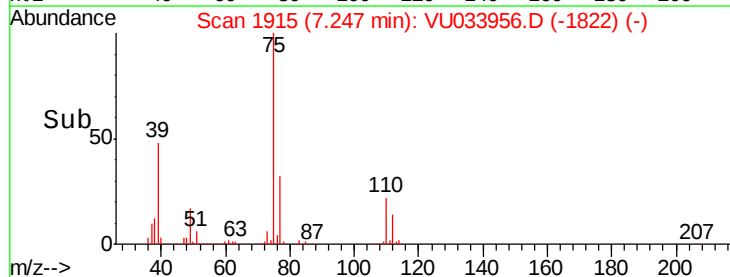
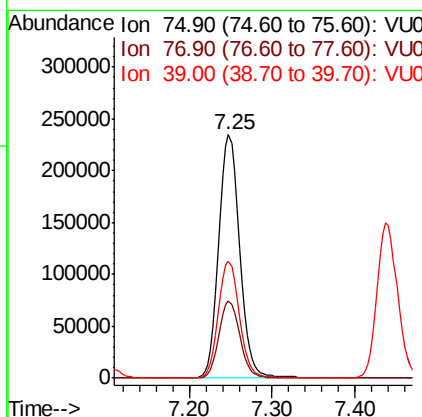
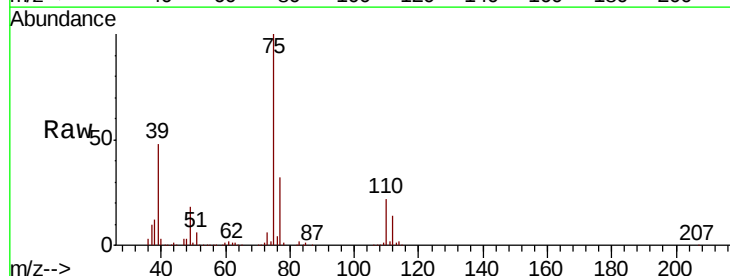
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

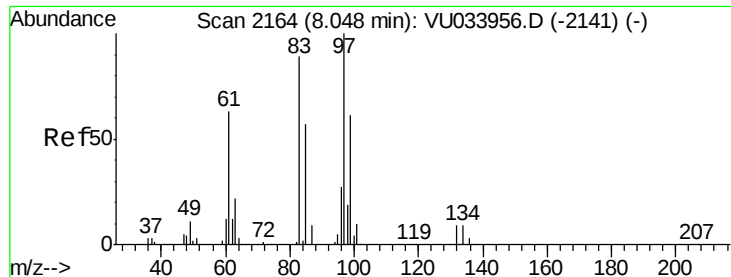
Tot Ion: 75 Resp: 377306
Ion Ratio Lower Upper
75 100
77 31.1 24.9 37.3



#54
cis-1,3-Dichloropropene
Concen: 49.372 ug/l
RT: 7.25 min Scan# 1915
Delta R.T. 0.00 min
Lab File: VU033956.D
Acq: 26 Aug 2019 17:50

Tgt Ion: 75 Resp: 411445
Ion Ratio Lower Upper
75 100
77 31.7 25.4 38.0
39 47.9 38.3 57.5





#55

1,1,2-Trichloroethane

Concen: 52.136 ug/l

RT: 8.05 min Scan# 2164

Delta R.T. 0.00 min

Lab File: VU033956.D

Acq: 26 Aug 2019 17:50

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC050

Tot Ion: 97 Resp: 242520

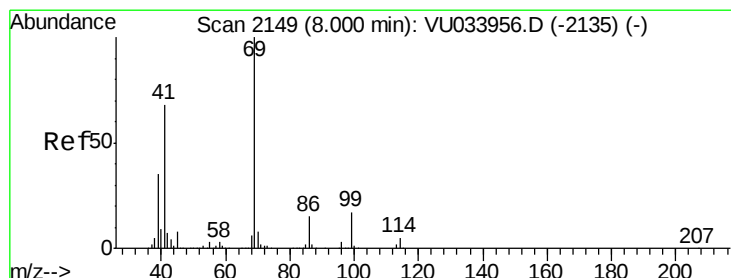
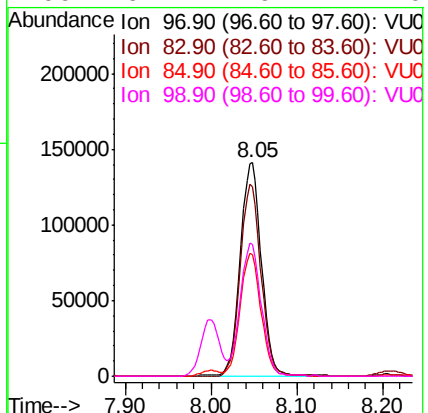
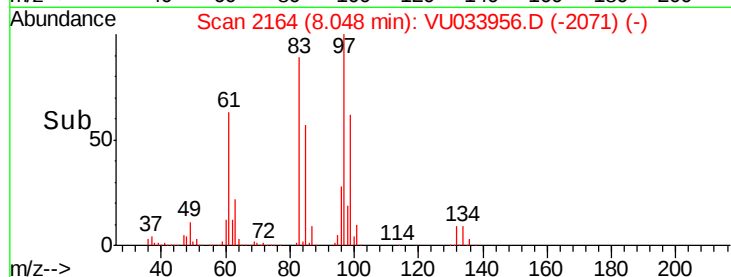
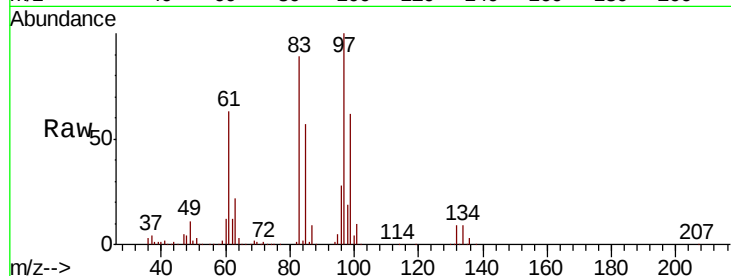
Ion Ratio Lower Upper

97 100

83 88.7 71.0 106.4

85 56.9 45.5 68.3

99 61.7 49.4 74.0



#56

Ethyl methacrylate

Concen: 47.466 ug/l

RT: 8.00 min Scan# 2149

Delta R.T. 0.00 min

Lab File: VU033956.D

Acq: 26 Aug 2019 17:50

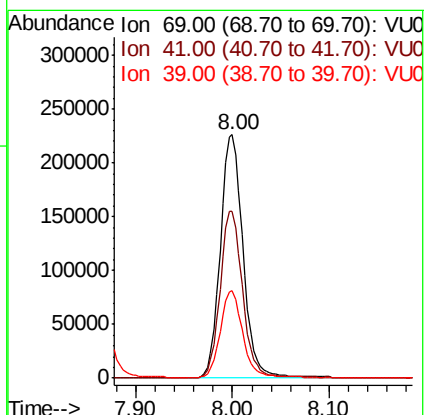
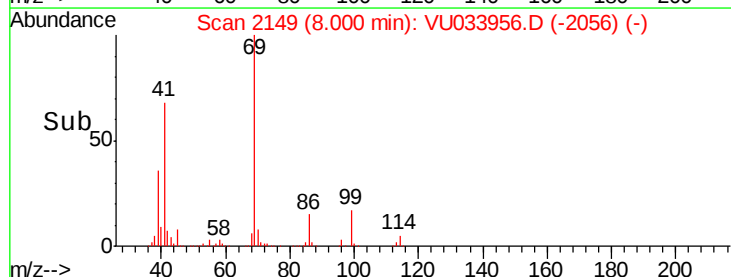
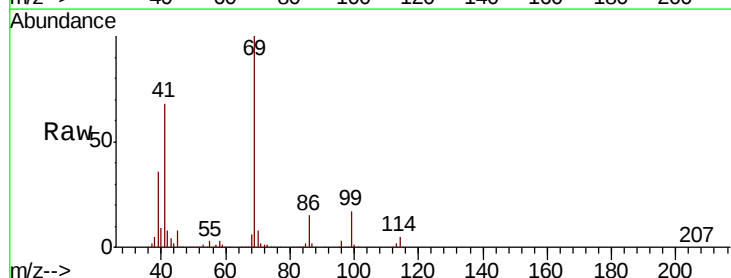
Tgt Ion: 69 Resp: 370592

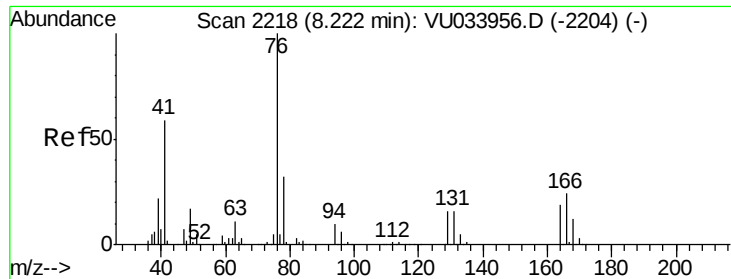
Ion Ratio Lower Upper

69 100

41 67.6 54.1 81.1

39 35.1 28.1 42.1





#57

1,3-Dichloropropane

Concen: 49.756 ug/l

RT: 8.22 min Scan# 2218

Delta R.T. 0.00 min

Lab File: VU033956.D

Acq: 26 Aug 2019 17:50

Instrument :

MSVOA_U

ClientSampleId :

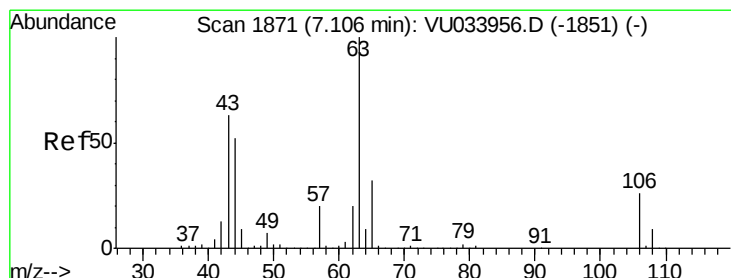
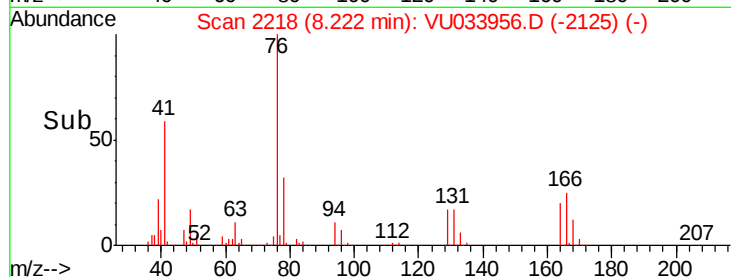
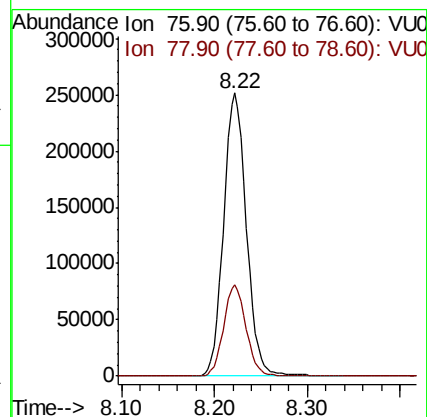
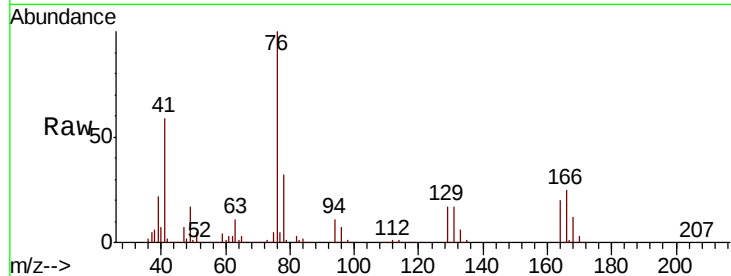
VSTDICCC050

Tot Ion: 76 Resp: 428752

Ion Ratio Lower Upper

76 100

78 31.8 25.4 38.2



#58

2-Chloroethyl Vinyl ether

Concen: 178.787 ug/l

RT: 7.11 min Scan# 1871

Delta R.T. 0.00 min

Lab File: VU033956.D

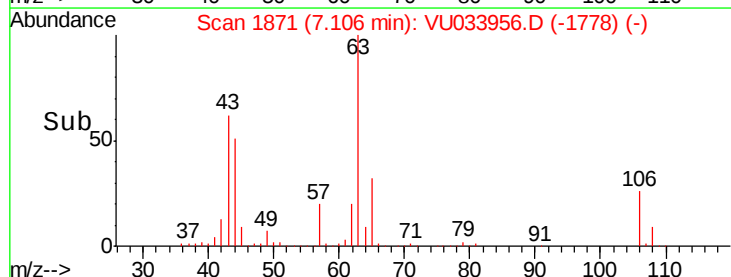
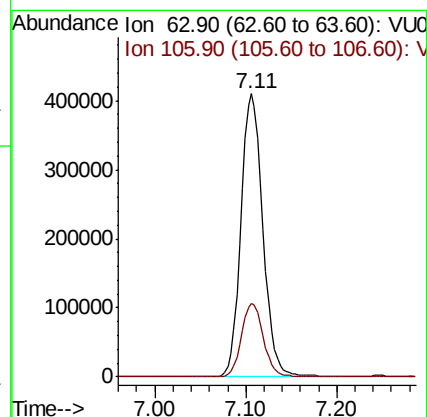
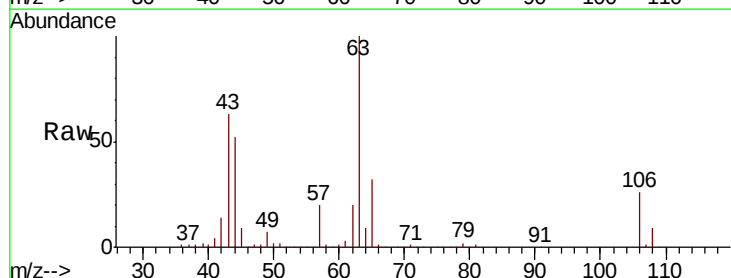
Acq: 26 Aug 2019 17:50

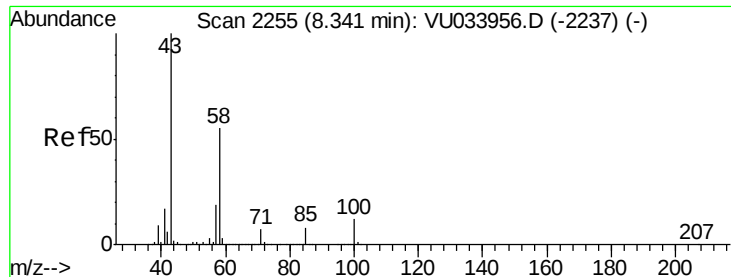
Tgt Ion: 63 Resp: 686233

Ion Ratio Lower Upper

63 100

106 26.0 20.8 31.2

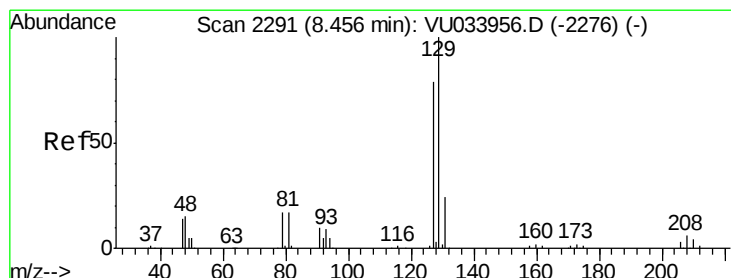
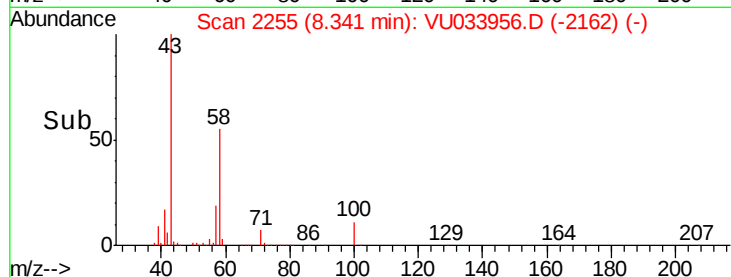
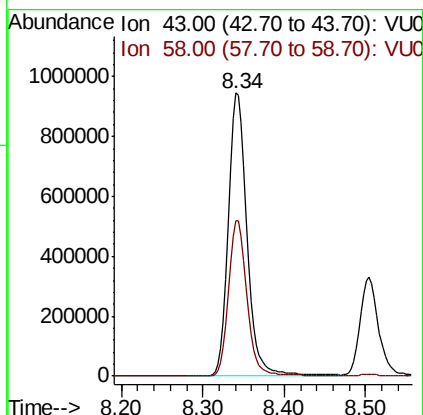
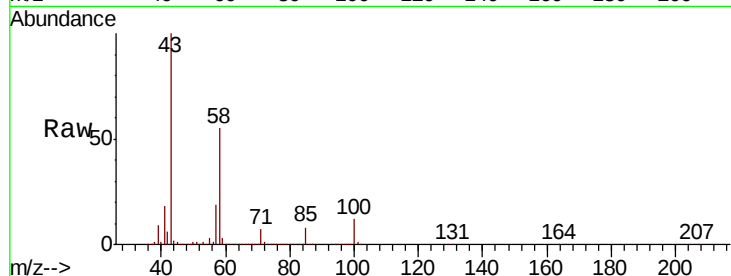




#59
2-Hexanone
Concen: 226.663 ug/l
RT: 8.34 min Scan# 2255
Delta R.T. 0.00 min
Lab File: VU033956.D
Acq: 26 Aug 2019 17:50

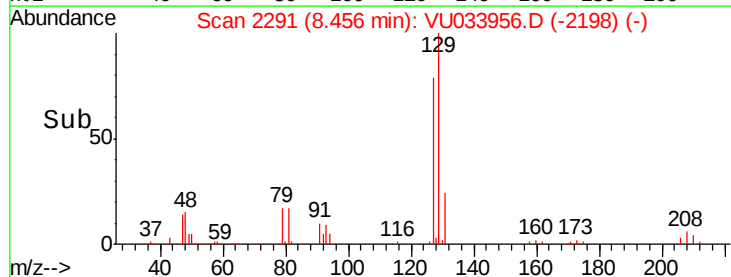
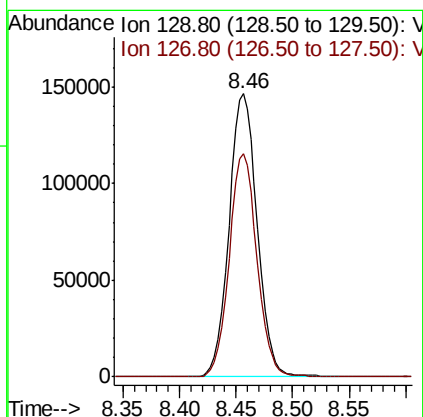
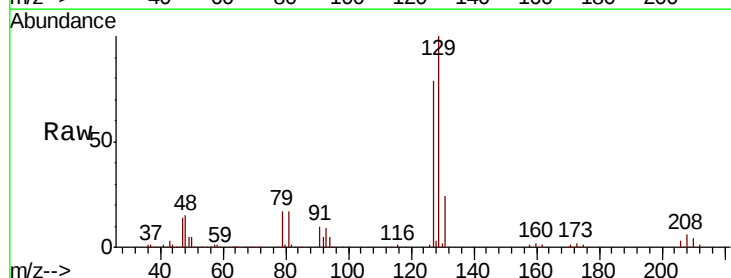
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

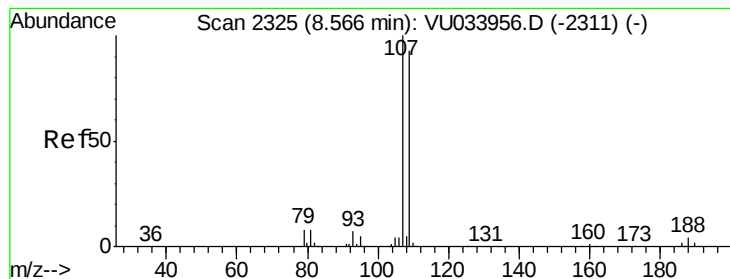
Tot Ion: 43 Resp: 1538930
Ion Ratio Lower Upper
43 100
58 54.6 27.3 81.9



#60
Dibromochloromethane
Concen: 54.568 ug/l
RT: 8.46 min Scan# 2291
Delta R.T. 0.00 min
Lab File: VU033956.D
Acq: 26 Aug 2019 17:50

Tgt Ion: 129 Resp: 253217
Ion Ratio Lower Upper
129 100
127 77.8 38.9 116.7





#61

1,2-Dibromoethane

Concen: 52.847 ug/l

RT: 8.57 min Scan# 2325

Delta R.T. 0.00 min

Lab File: VU033956.D

Acq: 26 Aug 2019 17:50

Instrument :

MSVOA_U

ClientSampleId :

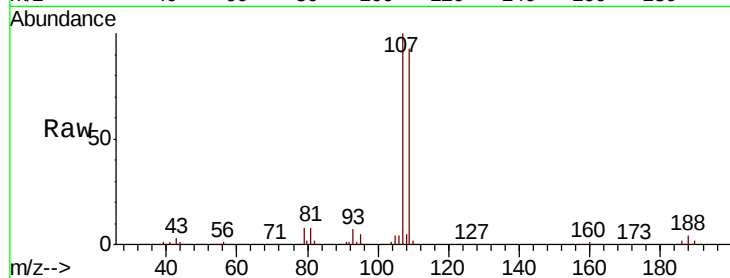
VSTDICCC050

Tot Ion:107 Resp: 258669

Ion Ratio Lower Upper

107 100

109 93.4 74.7 112.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

8.57

150000

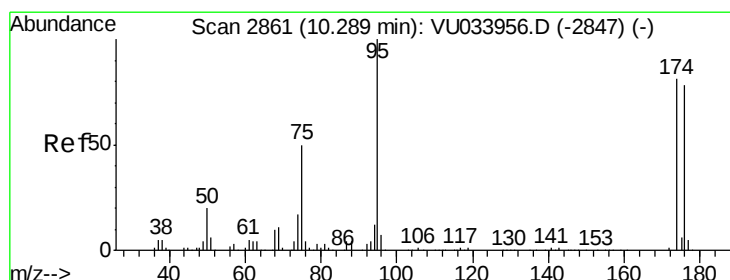
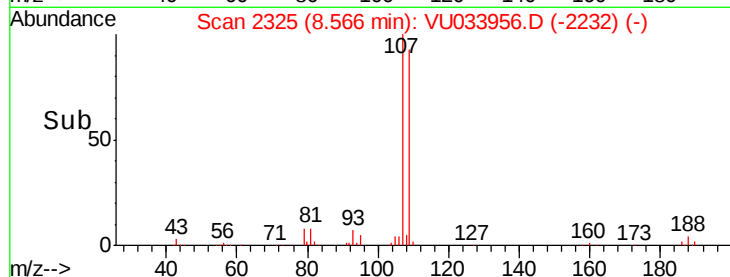
100000

50000

0

Time-->

8.50 8.60 8.70



#62

4-Bromofluorobenzene

Concen: 47.759 ug/l

RT: 10.29 min Scan# 2861

Delta R.T. 0.00 min

Lab File: VU033956.D

Acq: 26 Aug 2019 17:50

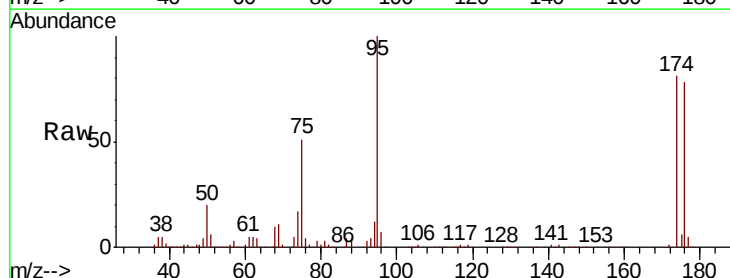
Tgt Ion: 95 Resp: 274379

Ion Ratio Lower Upper

95 100

174 80.2 0.0 160.4

176 77.1 0.0 154.2



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

200000

150000

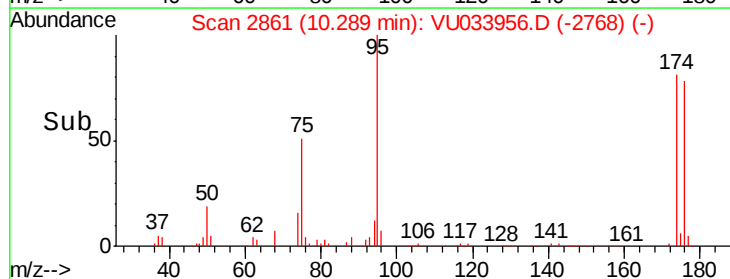
100000

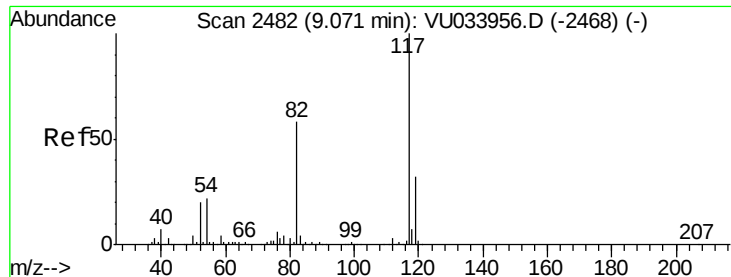
50000

0

Time-->

10.20 10.30 10.40

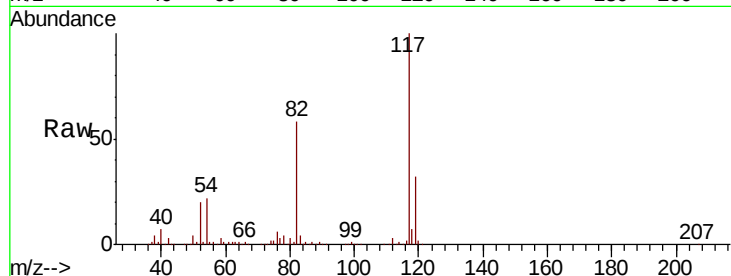




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2482
Delta R.T. 0.00 min
Lab File: VU033956.D
Acq: 26 Aug 2019 17:50

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.0	46.4	69.6
119	31.6	25.3	37.9

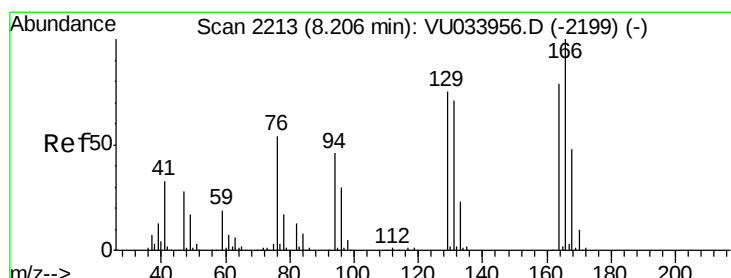
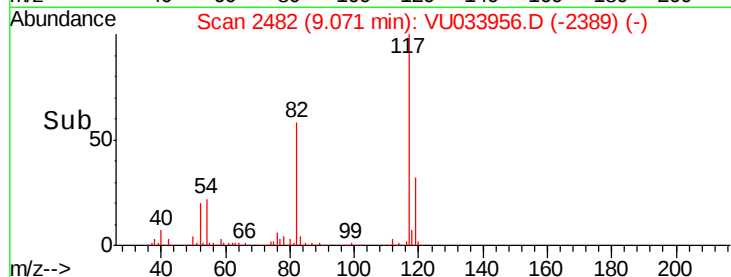
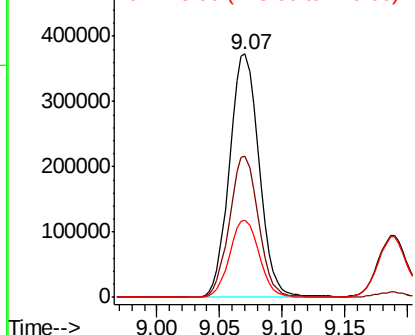


Abundance

Ion 116.90 (116.60 to 117.60): V

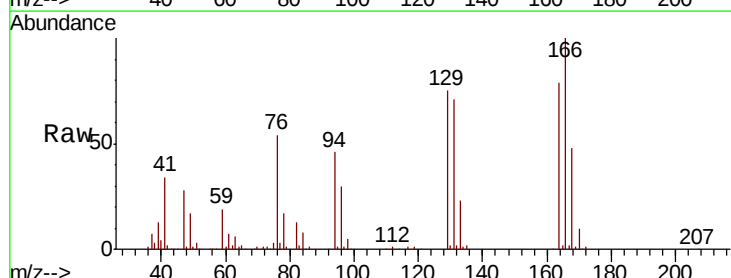
Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 50.582 ug/l
RT: 8.21 min Scan# 2213
Delta R.T. 0.00 min
Lab File: VU033956.D
Acq: 26 Aug 2019 17:50

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.8	101.4	152.2
129	95.7	76.6	114.8
131	90.3	72.2	108.4



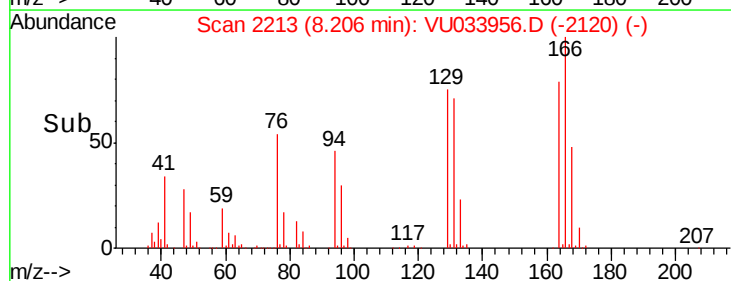
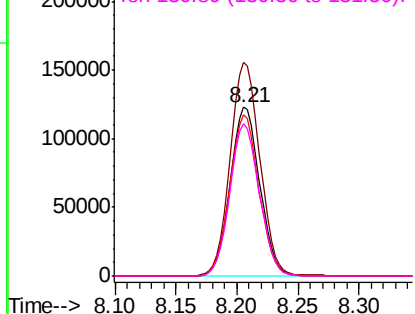
Abundance

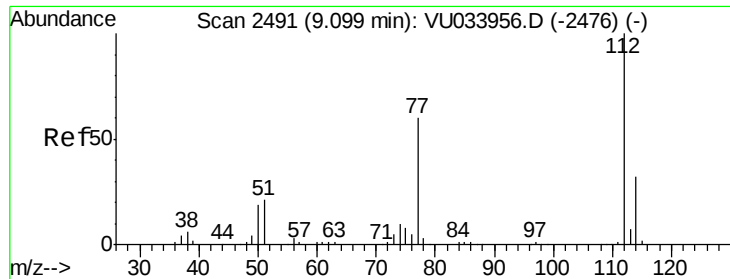
Ion 163.80 (163.50 to 164.50): V

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

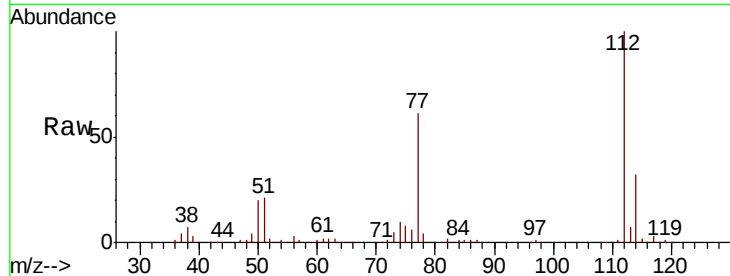




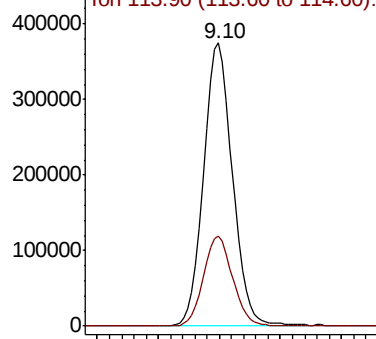
#65
Chlorobenzene
Concen: 47.551 ug/l
RT: 9.10 min Scan# 2491
Delta R.T. 0.00 min
Lab File: VU033956.D
Acq: 26 Aug 2019 17:50

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

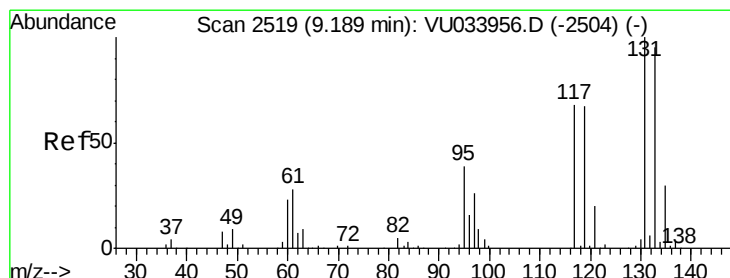
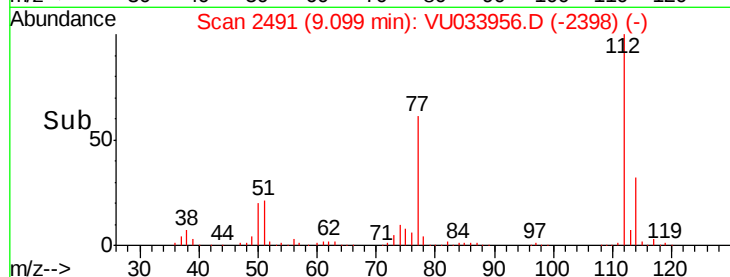
Tot Ion:112 Resp: 616861
Ion Ratio Lower Upper
112 100
114 31.8 25.4 38.2



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V

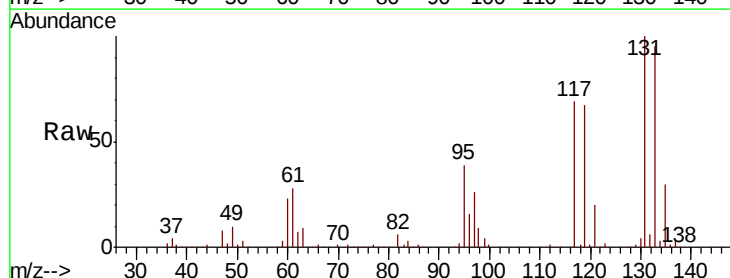


Time--> 9.00 9.05 9.10 9.15 9.20

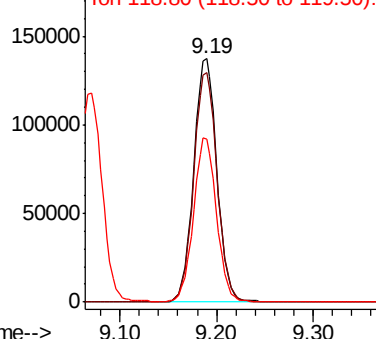


#66
1,1,1,2-Tetrachloroethane
Concen: 54.075 ug/l
RT: 9.19 min Scan# 2519
Delta R.T. 0.00 min
Lab File: VU033956.D
Acq: 26 Aug 2019 17:50

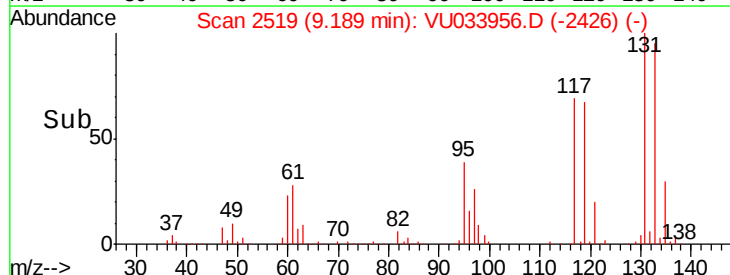
Tgt Ion:131 Resp: 228181
Ion Ratio Lower Upper
131 100
133 95.4 47.7 143.1
119 66.5 33.3 99.8

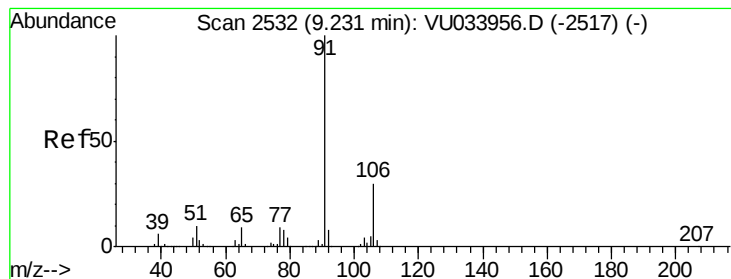


Abundance Ion 130.80 (130.50 to 131.50): V
Ion 132.80 (132.50 to 133.50): V
Ion 118.80 (118.50 to 119.50): V



Time--> 9.10 9.20 9.30





#67

Ethyl Benzene

Concen: 46.292 ug/l

RT: 9.23 min Scan# 2532

Delta R.T. 0.00 min

Lab File: VU033956.D

Acq: 26 Aug 2019 17:50

Instrument :

MSVOA_U

ClientSampleId :

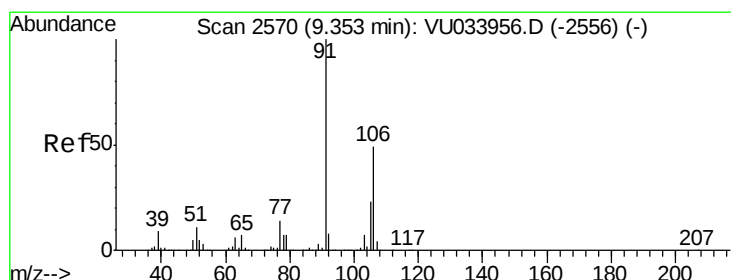
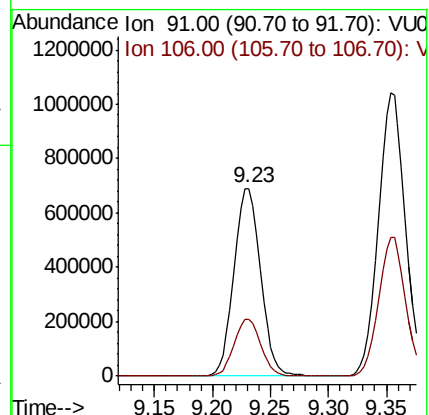
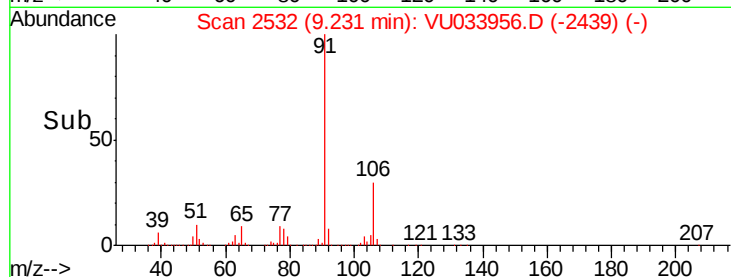
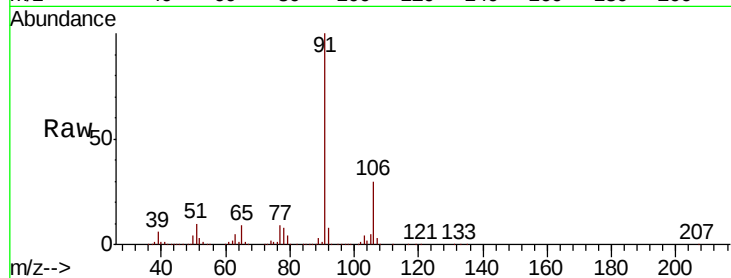
VSTDICCC050

Tot Ion: 91 Resp: 1096279

Ion Ratio Lower Upper

91 100

106 30.4 24.3 36.5



#68

m/p-Xylenes

Concen: 96.189 ug/l

RT: 9.35 min Scan# 2570

Delta R.T. 0.00 min

Lab File: VU033956.D

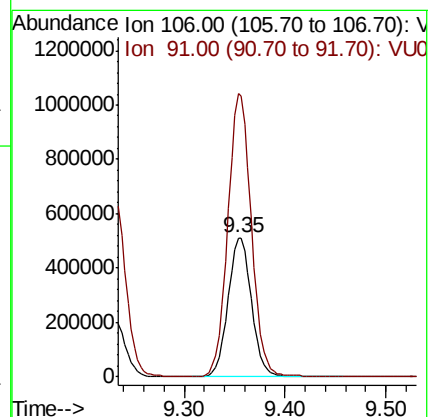
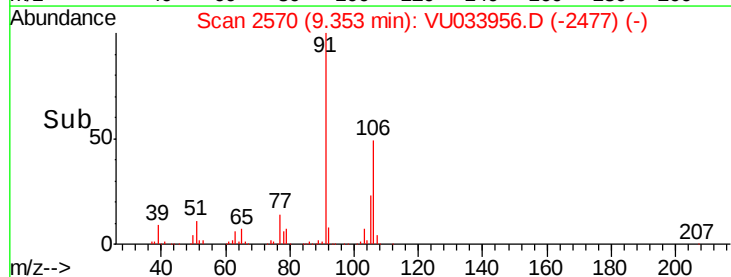
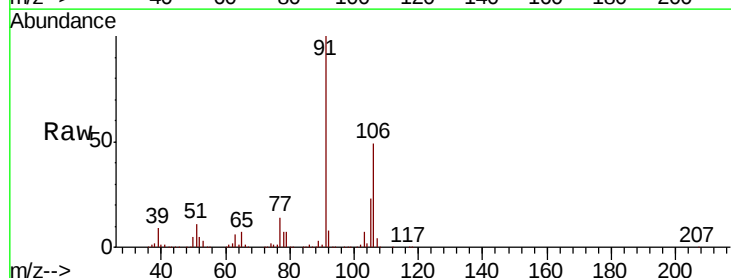
Acq: 26 Aug 2019 17:50

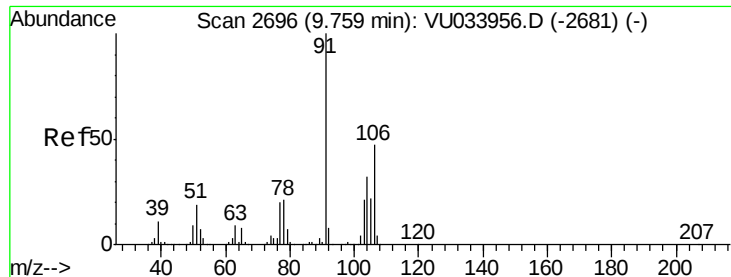
Tgt Ion: 106 Resp: 830937

Ion Ratio Lower Upper

106 100

91 204.7 163.8 245.6

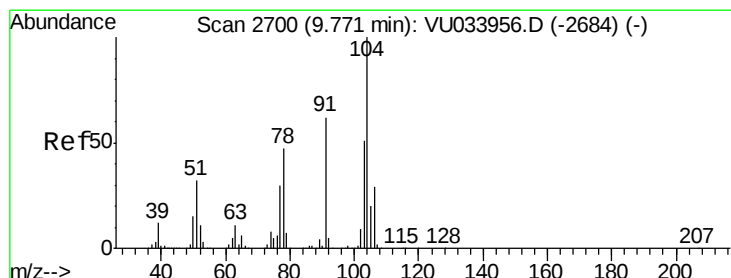
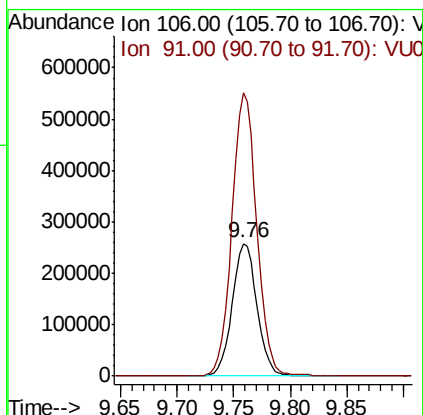
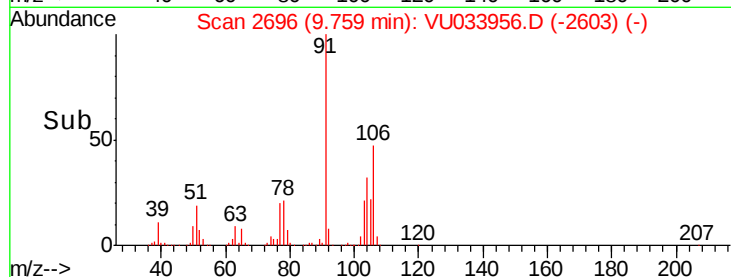
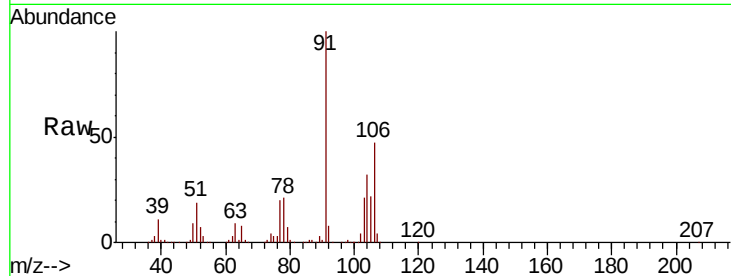




#69
o-Xylene
Concen: 47.033 ug/l
RT: 9.76 min Scan# 2696
Delta R.T. 0.00 min
Lab File: VU033956.D
Acq: 26 Aug 2019 17:50

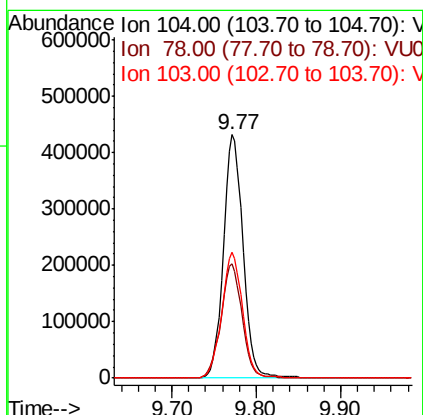
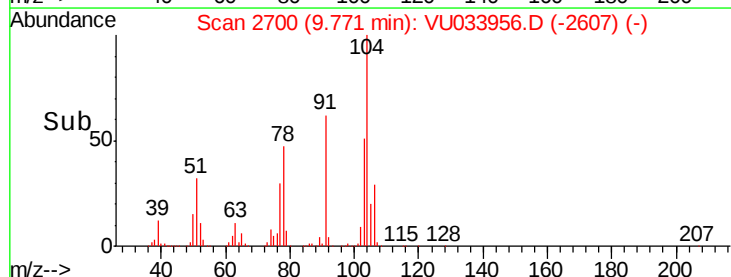
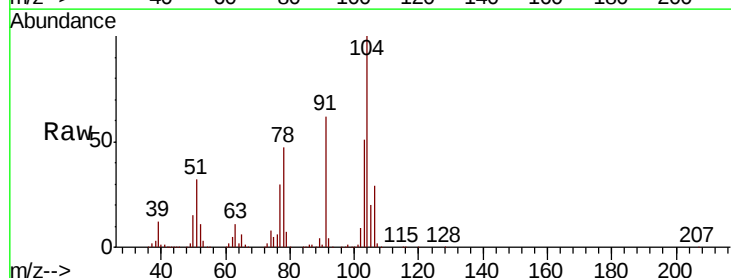
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

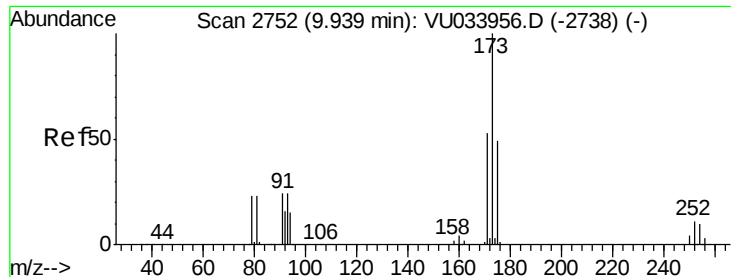
Tot Ion:106 Resp: 393790
Ion Ratio Lower Upper
106 100
91 213.8 106.9 320.7



#70
Styrene
Concen: 49.859 ug/l
RT: 9.77 min Scan# 2700
Delta R.T. 0.00 min
Lab File: VU033956.D
Acq: 26 Aug 2019 17:50

Tgt Ion:104 Resp: 699098
Ion Ratio Lower Upper
104 100
78 50.5 40.4 60.6
103 54.7 43.8 65.6





#71

Bromoform

Concen: 54.217 ug/l

RT: 9.94 min Scan# 2752

Delta R.T. 0.00 min

Lab File: VU033956.D

Acq: 26 Aug 2019 17:50

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC050

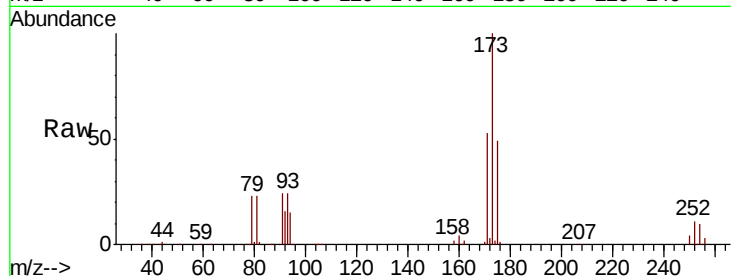
Tot Ion:173 Resp: 194574

Ion Ratio Lower Upper

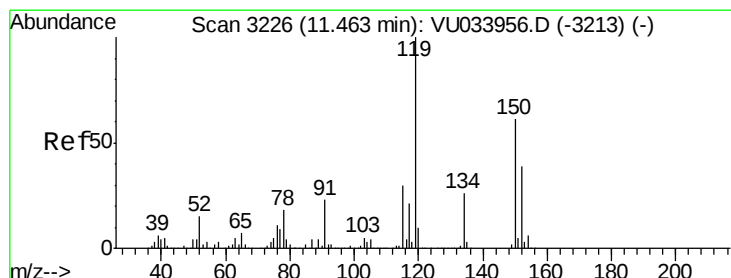
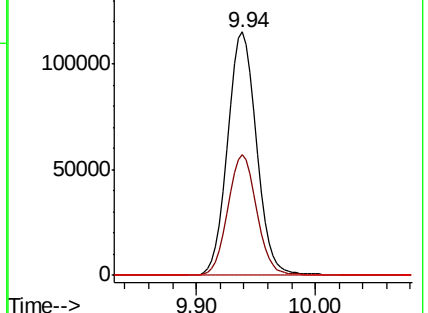
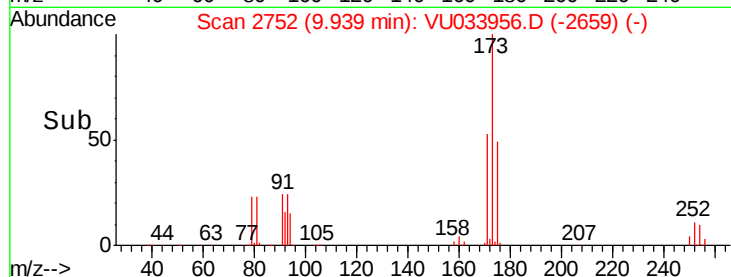
173 100

175 49.5 24.8 74.3

254 0.1 0.1 0.1#



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# 3226

Delta R.T. 0.00 min

Lab File: VU033956.D

Acq: 26 Aug 2019 17:50

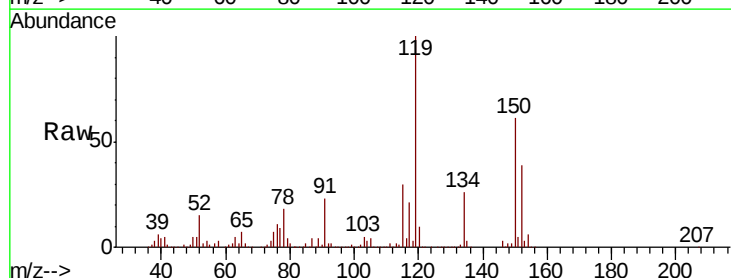
Tgt Ion:152 Resp: 327767

Ion Ratio Lower Upper

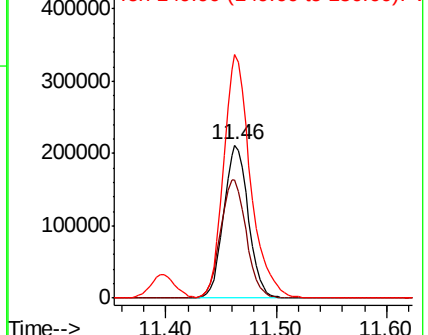
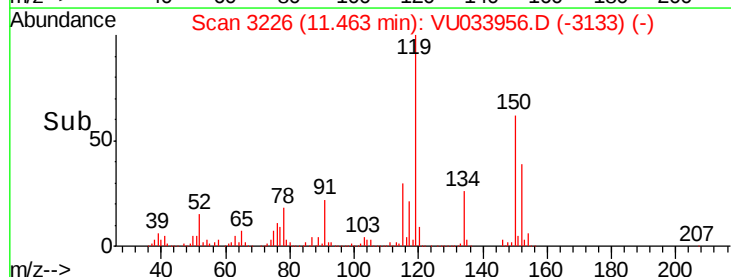
152 100

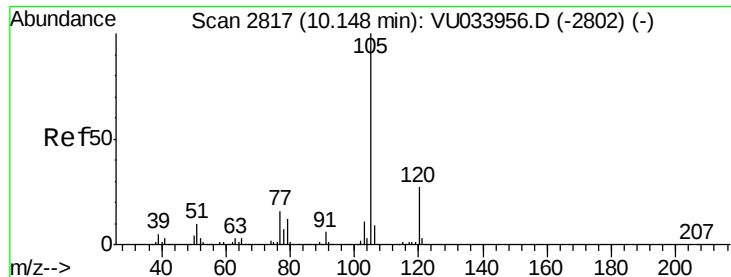
115 80.6 40.3 120.9

150 173.0 0.0 346.0



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: 43.478 ug/l

RT: 10.15 min Scan# 2817

Delta R.T. 0.00 min

Lab File: VU033956.D

Acq: 26 Aug 2019 17:50

Instrument :

MSVOA_U

ClientSampleId :

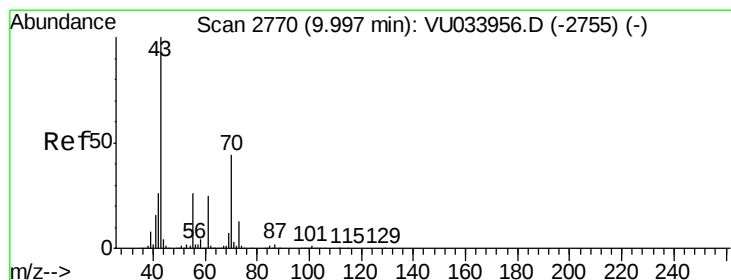
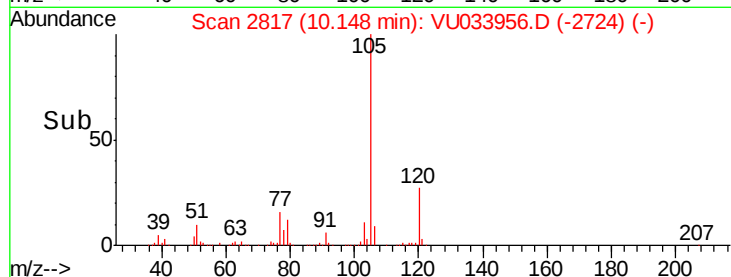
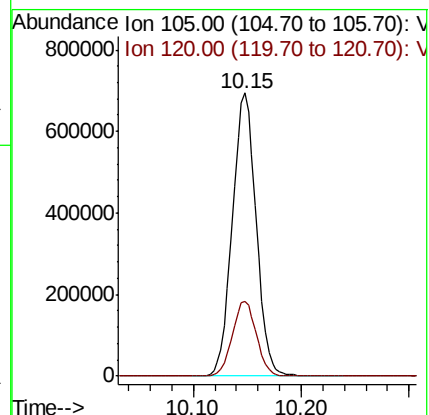
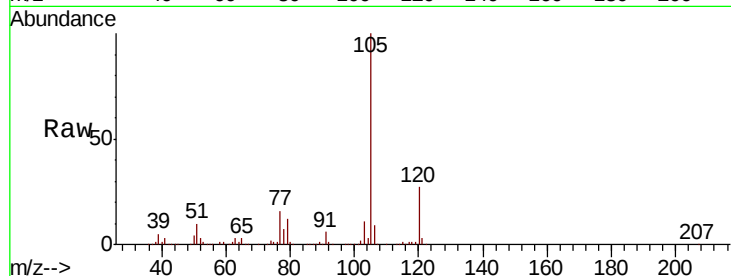
VSTDICCC050

Tot Ion:105 Resp: 1070289

Ion Ratio Lower Upper

105 100

120 26.6 13.3 39.9



#74

N-ethyl acetate

Concen: 36.195 ug/l

RT: 10.00 min Scan# 2770

Delta R.T. 0.00 min

Lab File: VU033956.D

Acq: 26 Aug 2019 17:50

Tgt Ion: 43 Resp: 498396

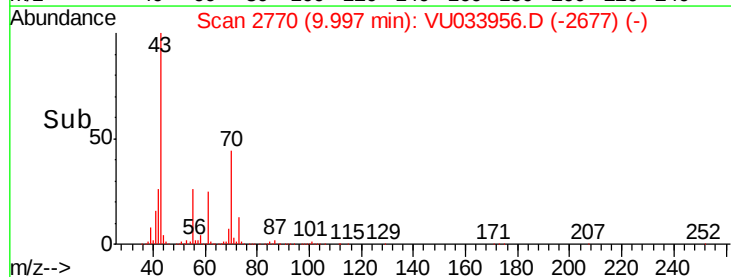
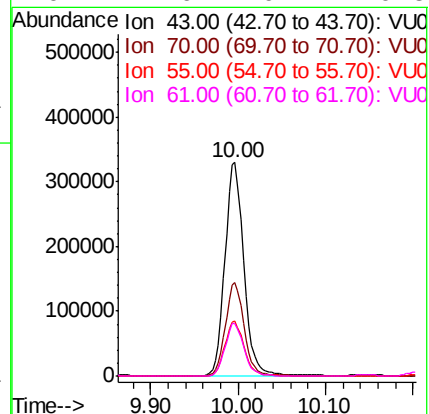
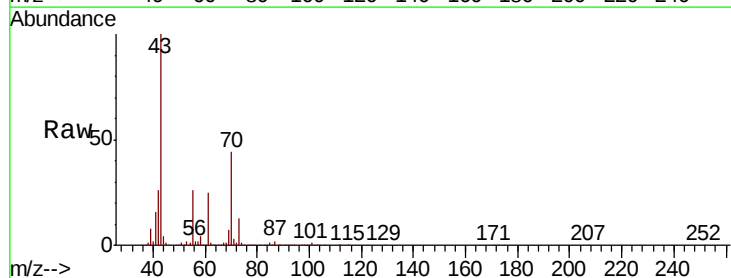
Ion Ratio Lower Upper

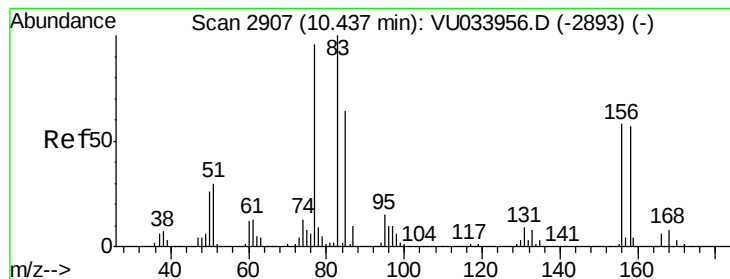
43 100

70 43.1 34.5 51.7

55 26.1 20.9 31.3

61 24.6 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 44.328 ug/l

RT: 10.44 min Scan# 2907

Delta R.T. 0.00 min

Lab File: VU033956.D

Acq: 26 Aug 2019 17:50

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC050

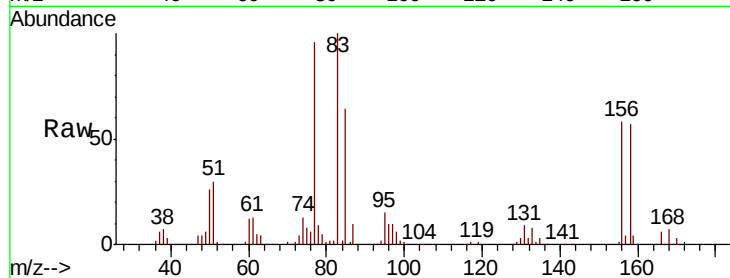
Tot Ion: 83 Resp: 418882

Ion Ratio Lower Upper

83 100

131 9.2 4.6 13.8

85 64.7 32.4 97.0

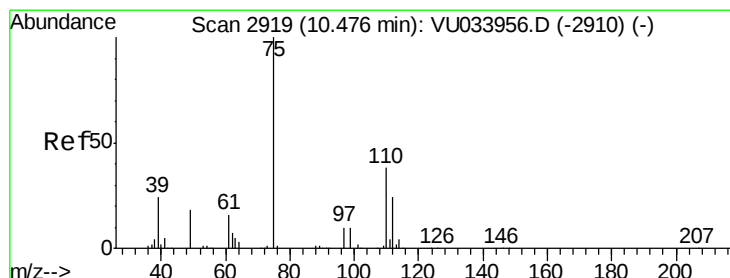
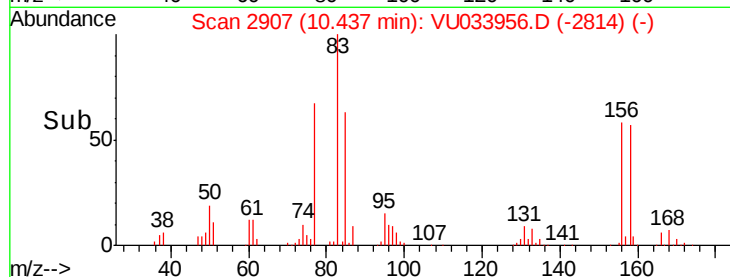


Abundance Ion 82.90 (82.60 to 83.60): VU033956.D (-2893) (-)

Ion 130.80 (130.50 to 131.50): VU033956.D (-2893) (-)

Ion 84.90 (84.60 to 85.60): VU033956.D (-2893) (-)

Time-->



#76

1,2,3-Trichloropropane

Concen: 58.549 ug/l

RT: 10.48 min Scan# 2919

Delta R.T. 0.00 min

Lab File: VU033956.D

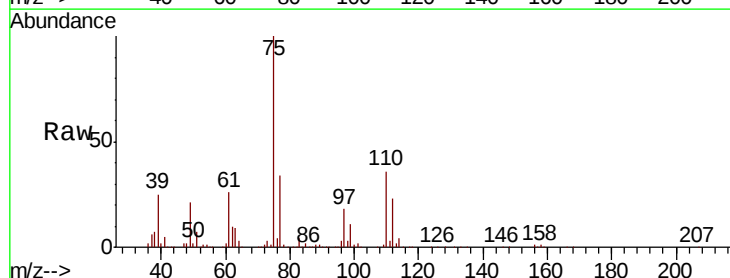
Acq: 26 Aug 2019 17:50

Tgt Ion: 75 Resp: 481068

Ion Ratio Lower Upper

75 100

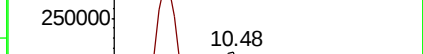
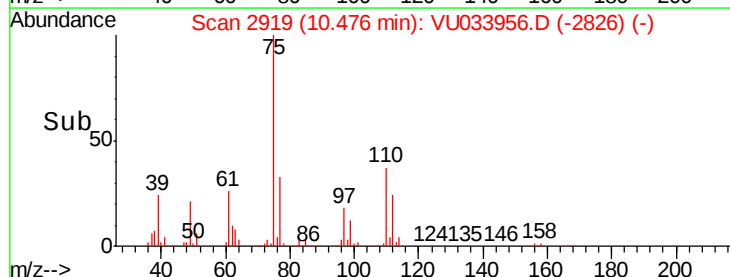
77 31.6 20.1 60.3

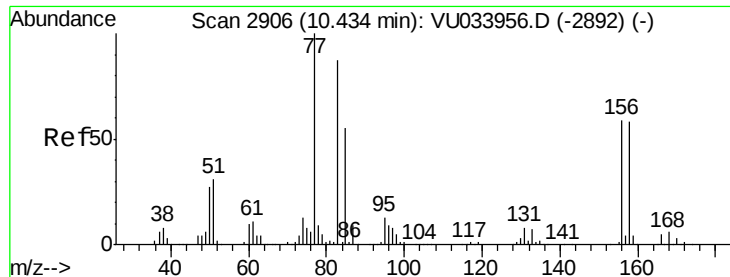


Abundance Ion 74.90 (74.60 to 75.60): VU033956.D (-2910) (-)

Ion 77.00 (76.70 to 77.70): VU033956.D (-2910) (-)

Time-->





#77

Bromobenzene

Concen: 46.611 ug/l

RT: 10.43 min Scan# 2906

Delta R.T. 0.00 min

Lab File: VU033956.D

Acq: 26 Aug 2019 17:50

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC050

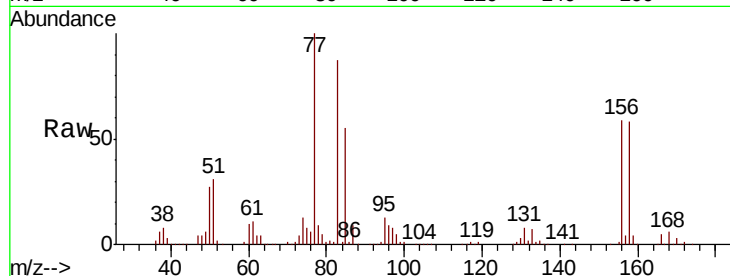
Tot Ion:156 Resp: 271011

Ion Ratio Lower Upper

156 100

77 170.5 85.3 255.8

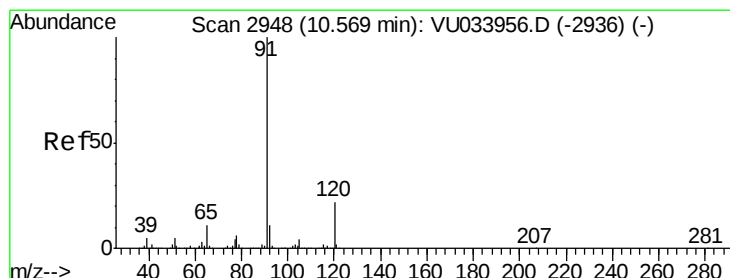
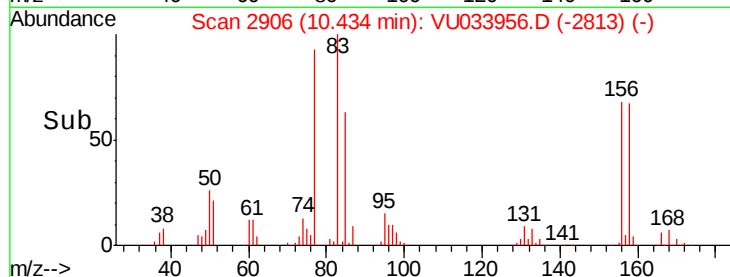
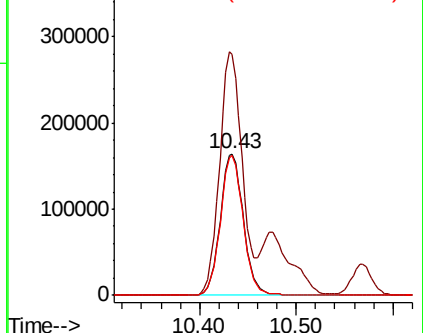
158 97.8 48.9 146.7



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: 42.689 ug/l

RT: 10.57 min Scan# 2948

Delta R.T. 0.00 min

Lab File: VU033956.D

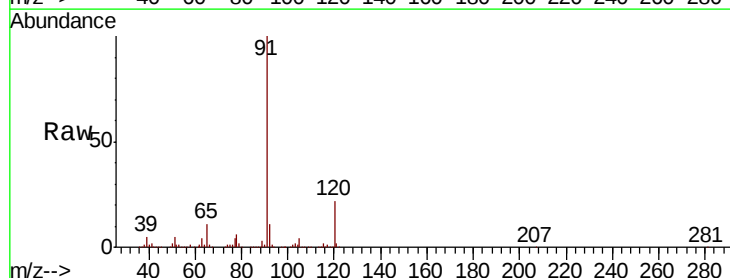
Acq: 26 Aug 2019 17:50

Tgt Ion: 91 Resp: 1299495

Ion Ratio Lower Upper

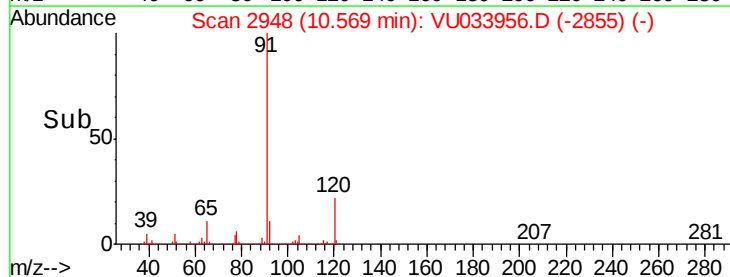
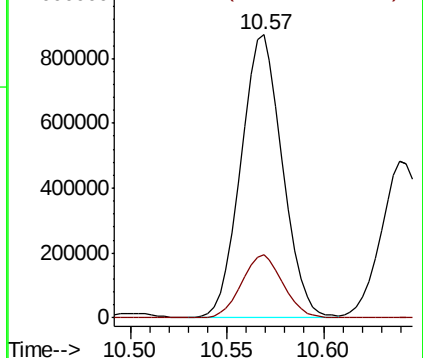
91 100

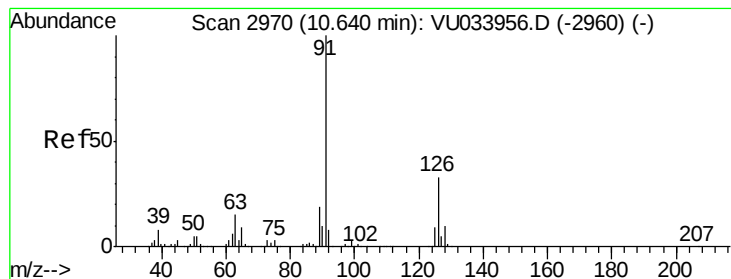
120 22.4 11.2 33.6



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 42.928 ug/l

RT: 10.64 min Scan# 2970

Delta R.T. 0.00 min

Lab File: VU033956.D

Acq: 26 Aug 2019 17:50

Instrument :

MSVOA_U

ClientSampleId :

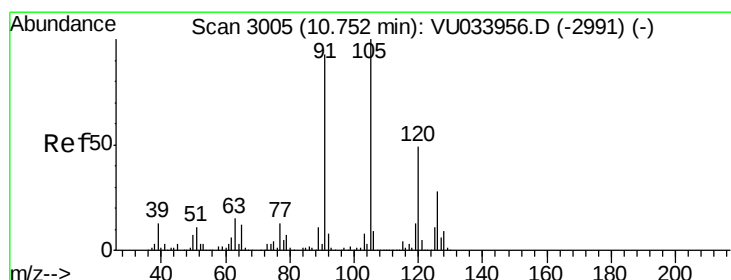
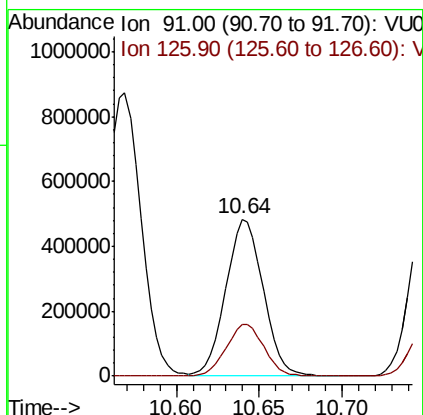
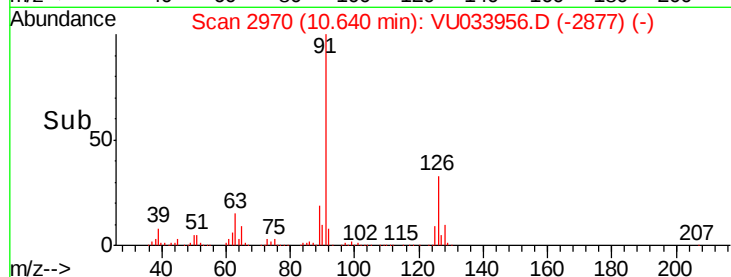
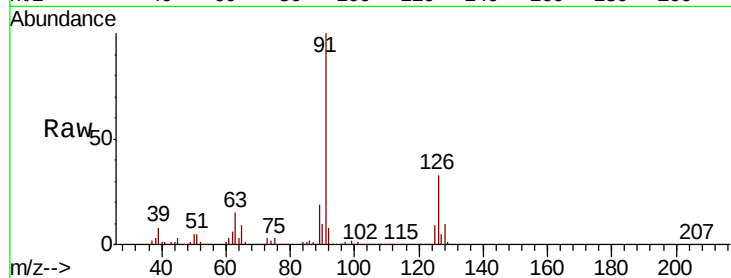
VSTDICCC050

Tot Ion: 91 Resp: 752890

Ion Ratio Lower Upper

91 100

126 33.5 16.8 50.3



#80

1,3,5-Trimethylbenzene

Concen: 45.342 ug/l

RT: 10.75 min Scan# 3005

Delta R.T. 0.00 min

Lab File: VU033956.D

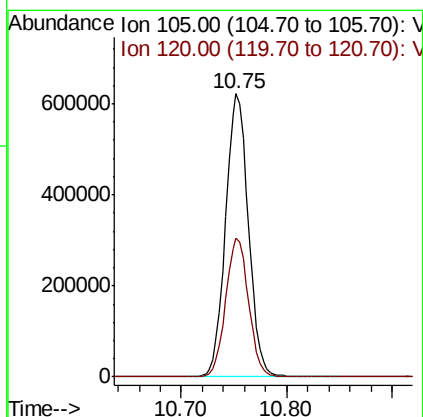
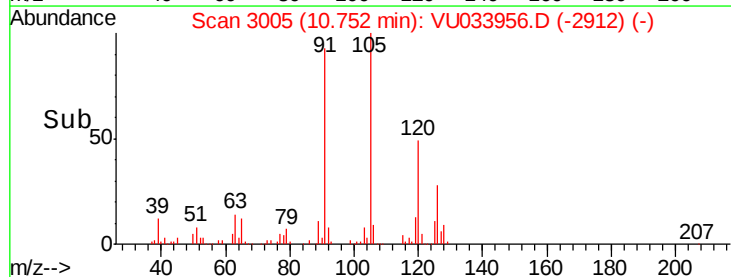
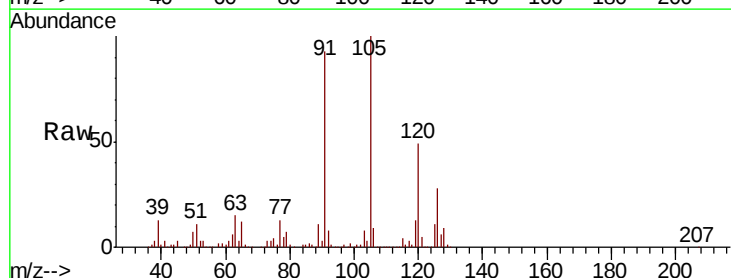
Acq: 26 Aug 2019 17:50

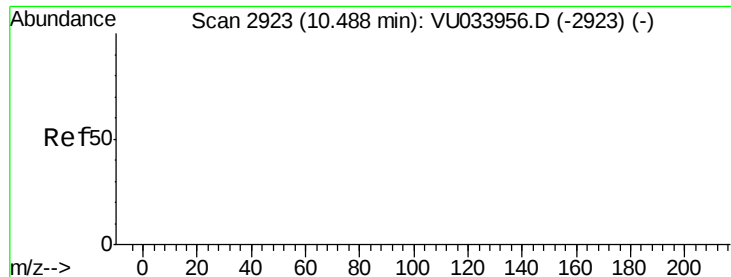
Tgt Ion:105 Resp: 926676

Ion Ratio Lower Upper

105 100

120 49.2 24.6 73.8





#81

trans-1,4-Dichloro-2-butene

Concen: 134.337 ug/l

RT: 10.48 min Scan# 2919

Delta R.T. -0.01 min

Lab File: VU033956.D

Acq: 26 Aug 2019 17:50

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC050

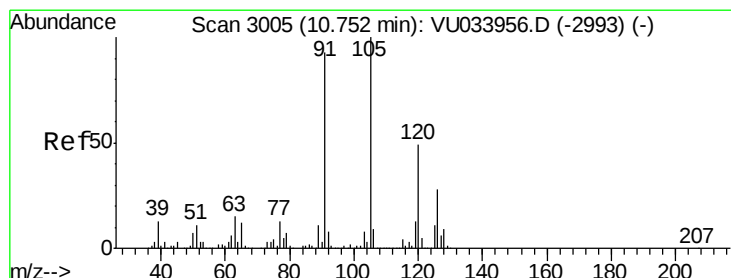
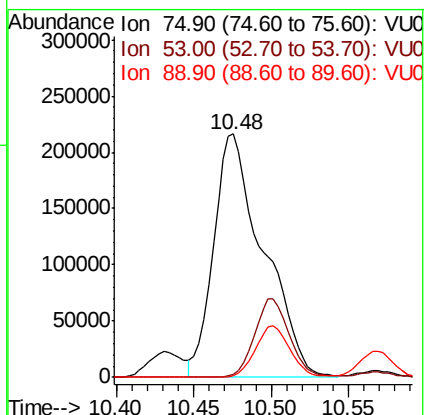
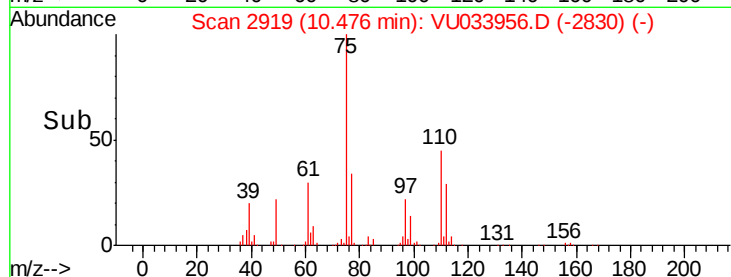
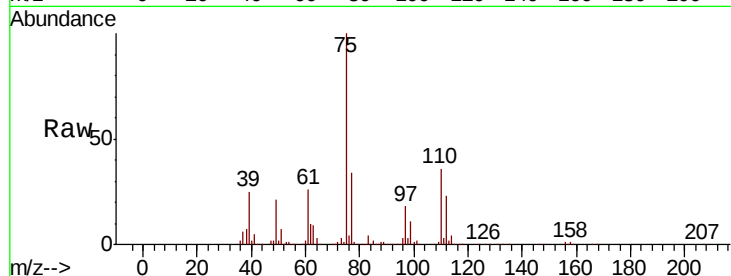
Tot Ion: 75 Resp: 481045

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

89 0.0 0.0 0.0



#82

4-Chlorotoluene

Concen: 42.661 ug/l

RT: 10.75 min Scan# 3005

Delta R.T. 0.00 min

Lab File: VU033956.D

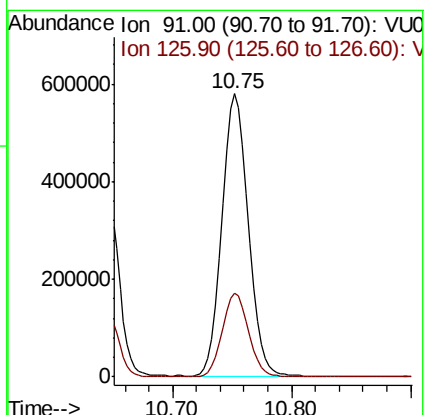
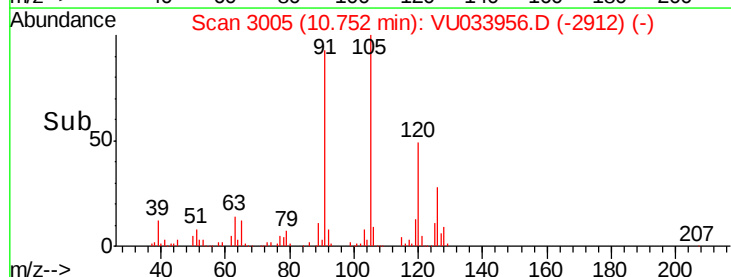
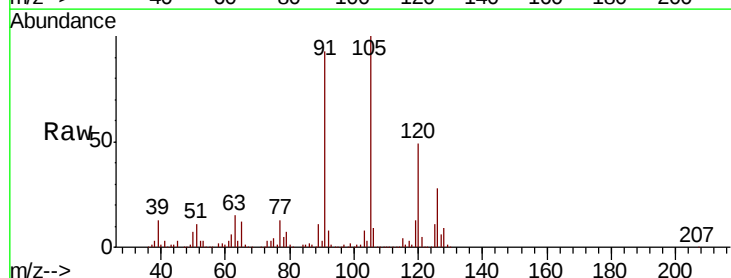
Acq: 26 Aug 2019 17:50

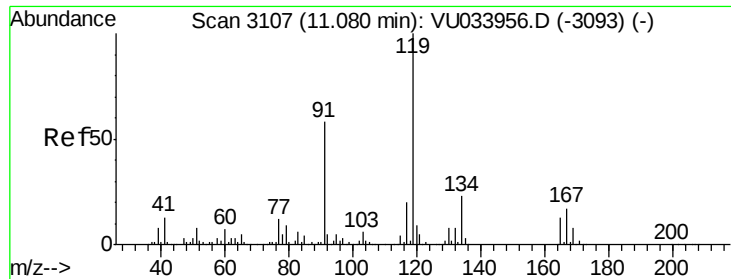
Tgt Ion: 91 Resp: 889250

Ion Ratio Lower Upper

91 100

126 29.5 14.8 44.3

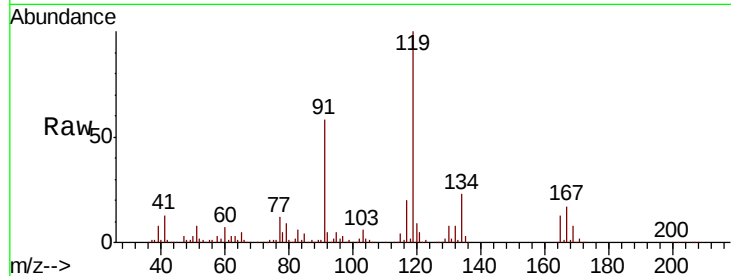




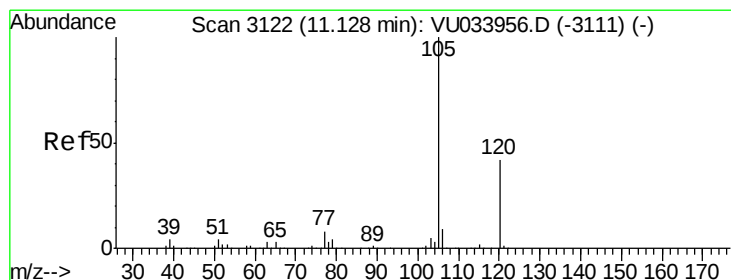
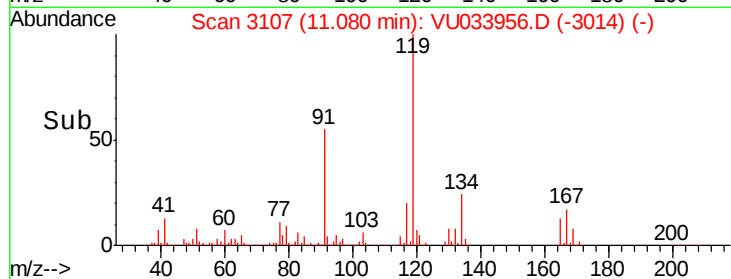
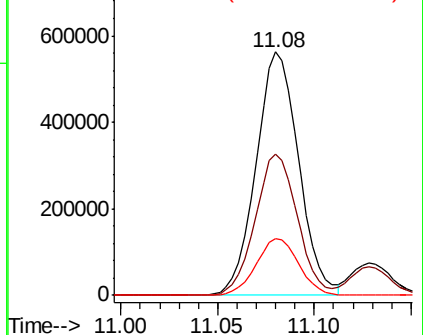
#83
tert-Butylbenzene
Concen: 44.080 ug/l
RT: 11.08 min Scan# 3107
Delta R.T. 0.00 min
Lab File: VU033956.D
Acq: 26 Aug 2019 17:50

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

Tot Ion:119 Resp: 866275
Ion Ratio Lower Upper
119 100
91 57.2 28.6 85.8
134 23.3 11.7 35.0

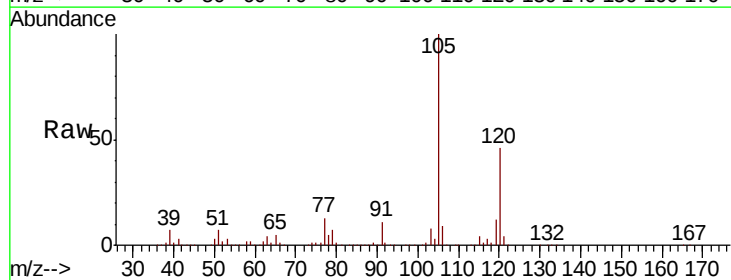


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

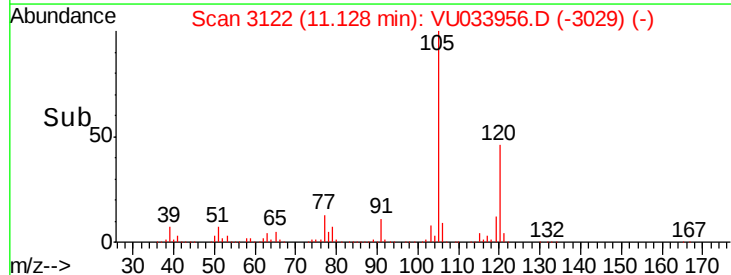
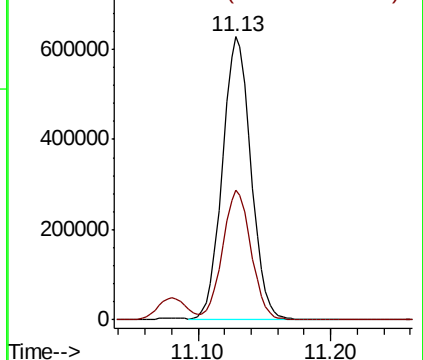


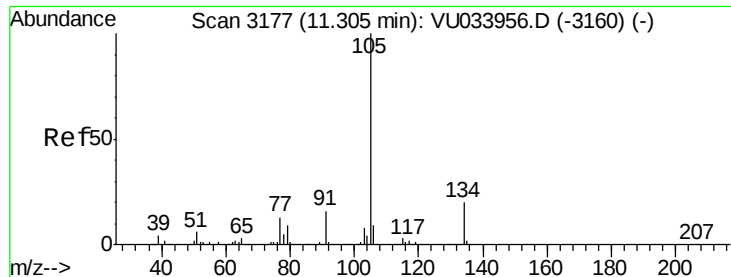
#84
1,2,4-Trimethylbenzene
Concen: 44.510 ug/l
RT: 11.13 min Scan# 3122
Delta R.T. 0.00 min
Lab File: VU033956.D
Acq: 26 Aug 2019 17:50

Tgt Ion:105 Resp: 935454
Ion Ratio Lower Upper
105 100
120 46.0 23.0 69.0



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





#85

sec-Butylbenzene

Concen: 43.152 ug/l

RT: 11.31 min Scan# 3177

Delta R.T. 0.00 min

Lab File: VU033956.D

Acq: 26 Aug 2019 17:50

Instrument :

MSVOA_U

ClientSampleId :

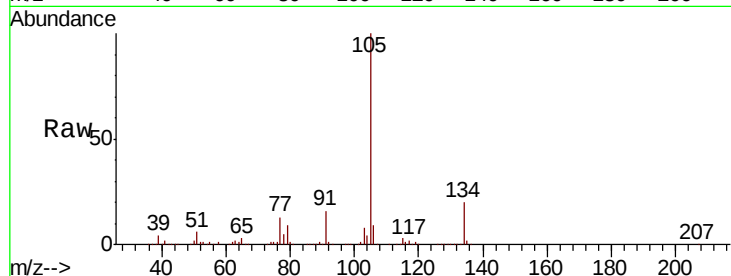
VSTDICCC050

Tot Ion:105 Resp: 1083536

Ion Ratio Lower Upper

105 100

134 19.4 9.7 29.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.31

800000

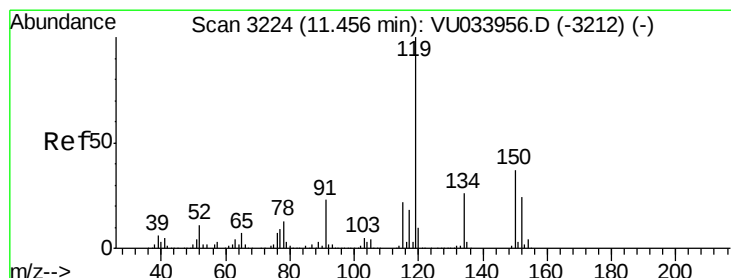
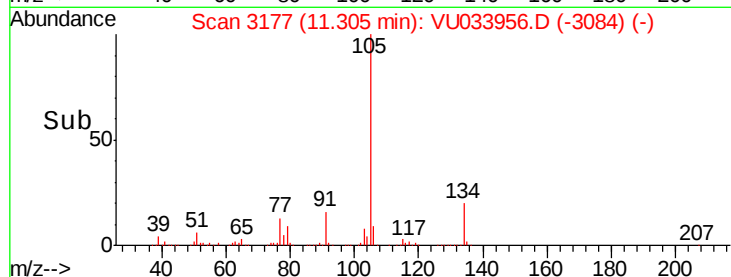
600000

400000

200000

0

Time--> 11.20 11.30 11.40



#86

p-Isopropyltoluene

Concen: 46.178 ug/l

RT: 11.46 min Scan# 3224

Delta R.T. 0.00 min

Lab File: VU033956.D

Acq: 26 Aug 2019 17:50

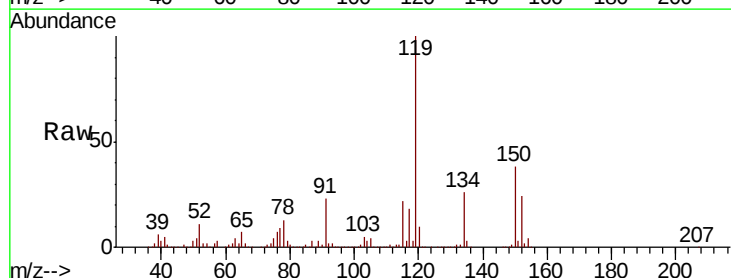
Tgt Ion:119 Resp: 998444

Ion Ratio Lower Upper

119 100

134 25.8 12.9 38.7

91 23.1 11.6 34.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VU

11.46

800000

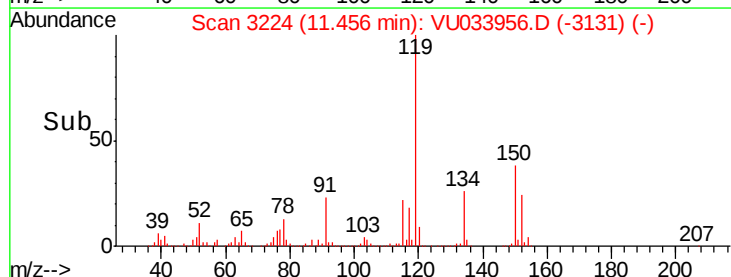
600000

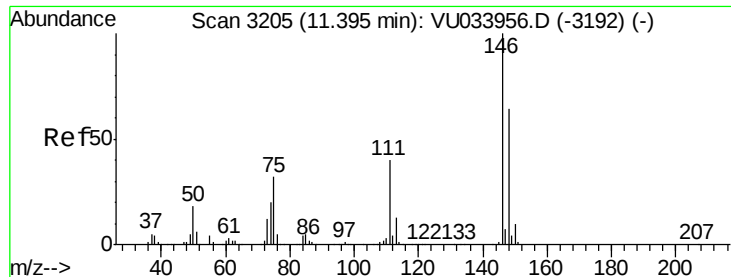
400000

200000

0

Time--> 11.40 11.50

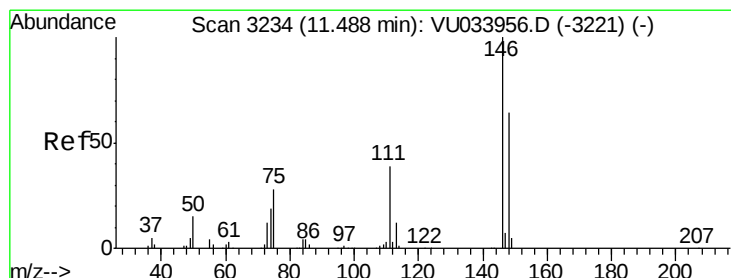
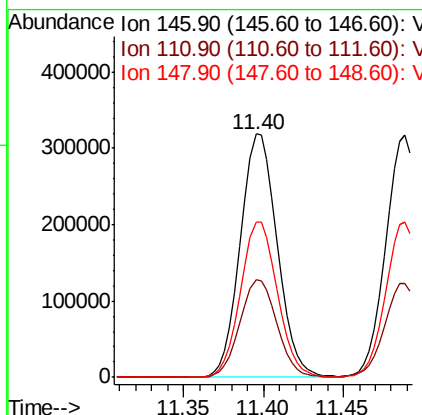
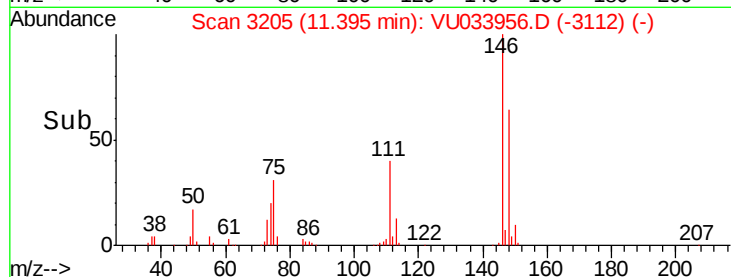
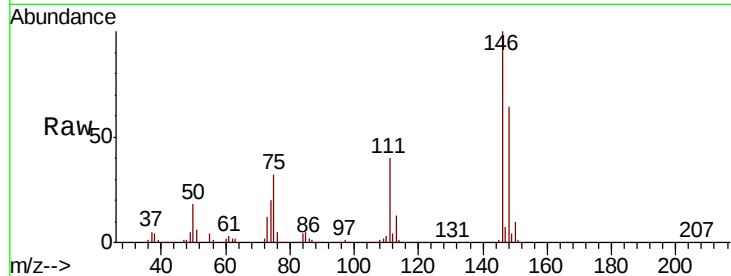




#87
 1,3-Dichlorobenzene
 Concen: 45.690 ug/l
 RT: 11.40 min Scan# 3205
 Delta R.T. 0.00 min
 Lab File: VU033956.D
 Acq: 26 Aug 2019 17:50

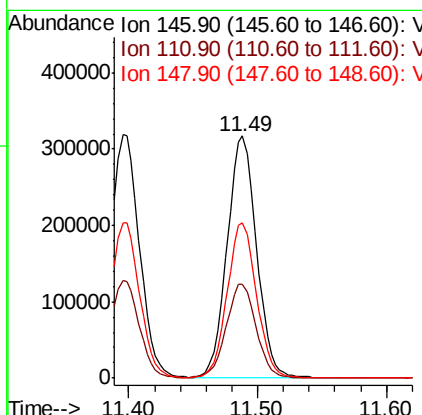
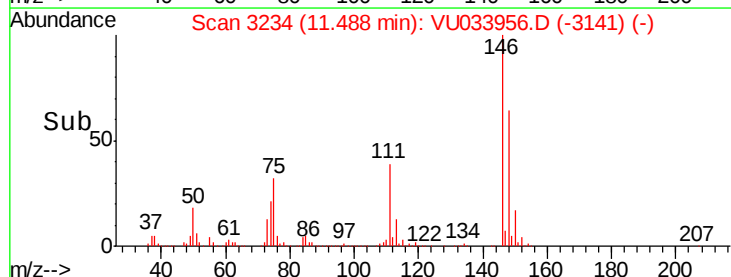
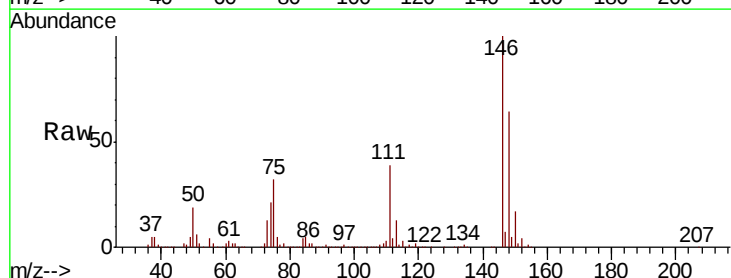
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC050

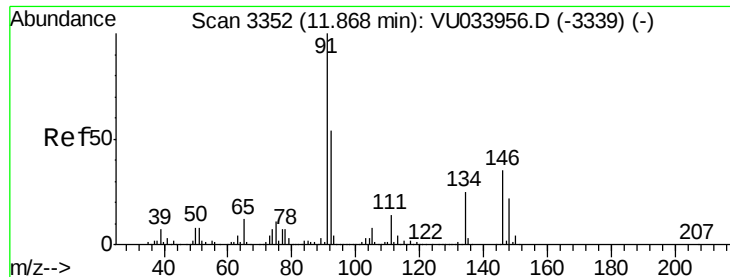
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.1	20.1	60.2
148	63.6	31.8	95.4



#88
 1,4-Dichlorobenzene
 Concen: 44.067 ug/l
 RT: 11.49 min Scan# 3234
 Delta R.T. 0.00 min
 Lab File: VU033956.D
 Acq: 26 Aug 2019 17:50

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.6	19.8	59.4
148	64.4	32.2	96.6

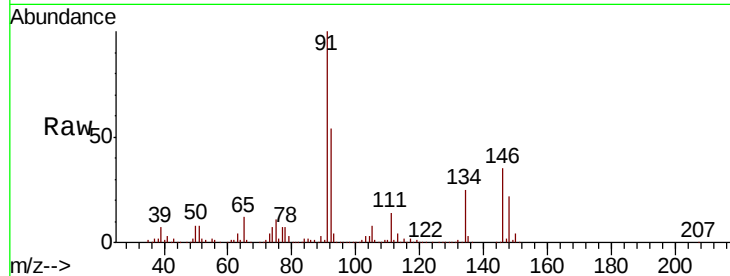




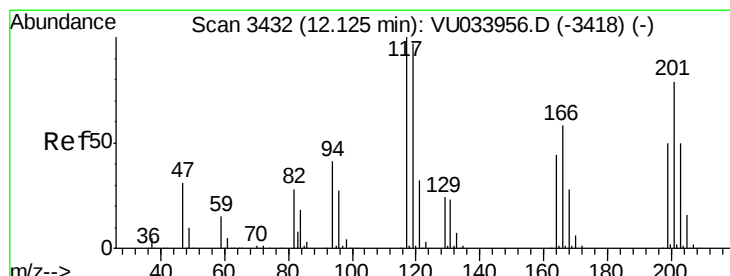
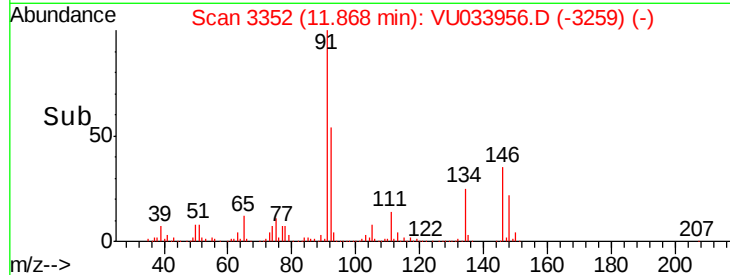
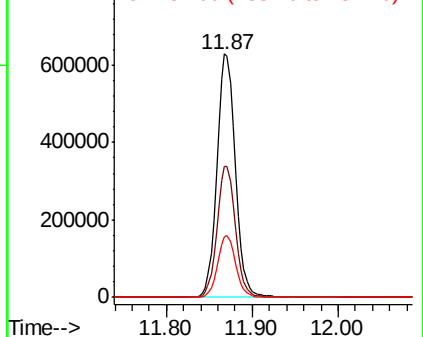
#89
n-Butylbenzene
Concen: 43.360 ug/l
RT: 11.87 min Scan# 3352
Delta R.T. 0.00 min
Lab File: VU033956.D
Acq: 26 Aug 2019 17:50

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

Tot Ion: 91 Resp: 937065
Ion Ratio Lower Upper
91 100
92 53.7 26.9 80.6
134 25.1 12.6 37.6

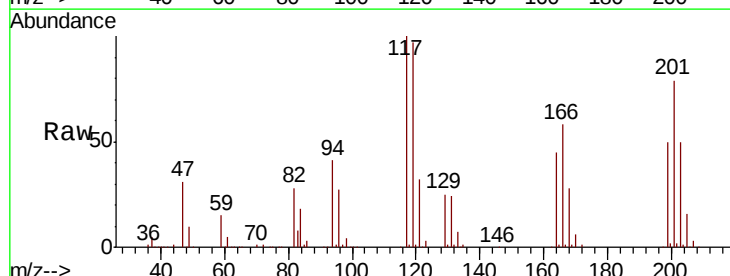


Abundance Ion 91.00 (90.70 to 91.70): VU0
Ion 92.00 (91.70 to 92.70): VU0
Ion 134.00 (133.70 to 134.70): V

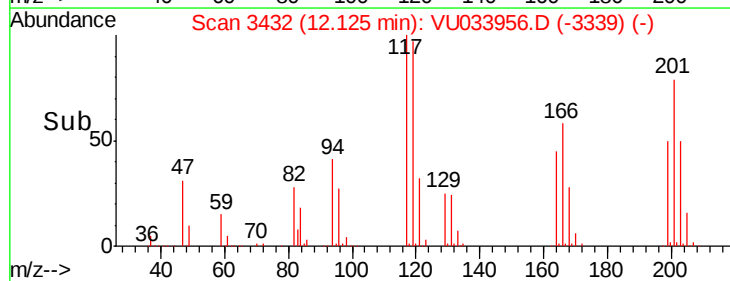
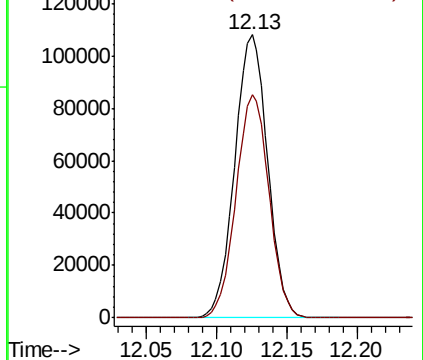


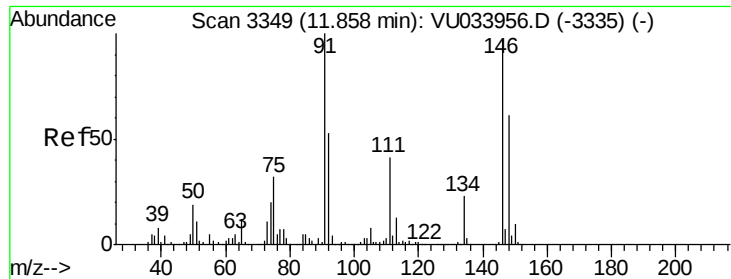
#90
Hexachloroethane
Concen: 52.792 ug/l
RT: 12.13 min Scan# 3432
Delta R.T. 0.00 min
Lab File: VU033956.D
Acq: 26 Aug 2019 17:50

Tgt Ion: 117 Resp: 176987
Ion Ratio Lower Upper
117 100
201 79.1 39.6 118.7



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V

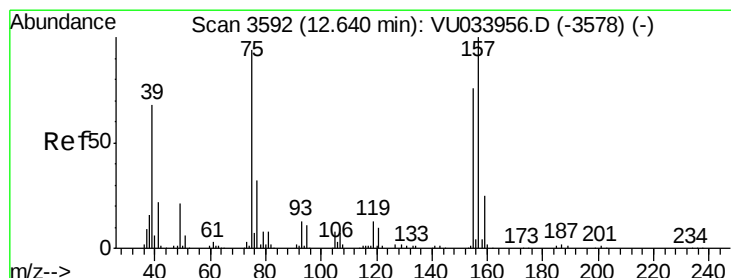
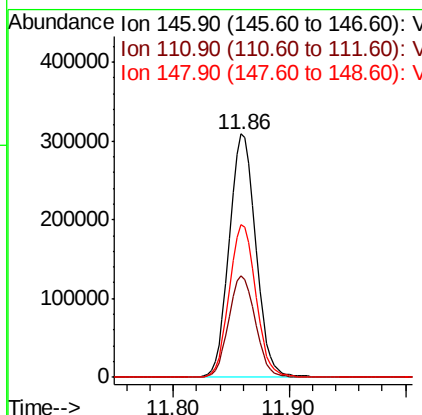
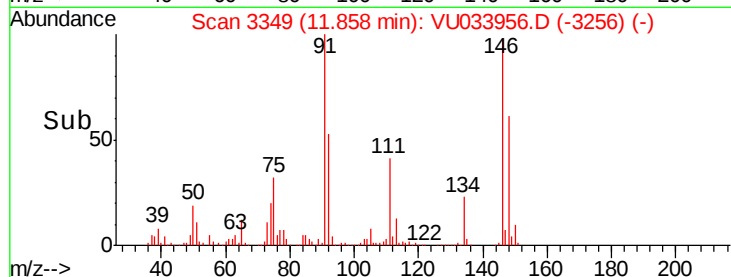
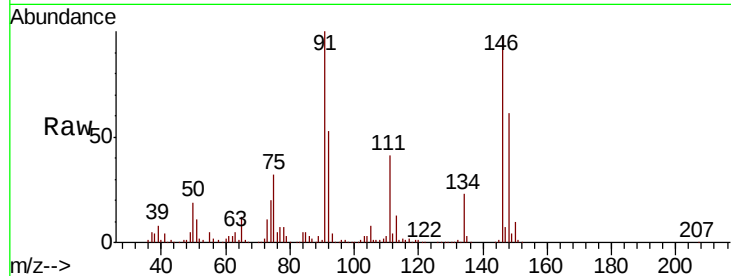




#91
 1,2-Dichlorobenzene
 Concen: 44.519 ug/l
 RT: 11.86 min Scan# 3349
 Delta R.T. 0.00 min
 Lab File: VU033956.D
 Acq: 26 Aug 2019 17:50

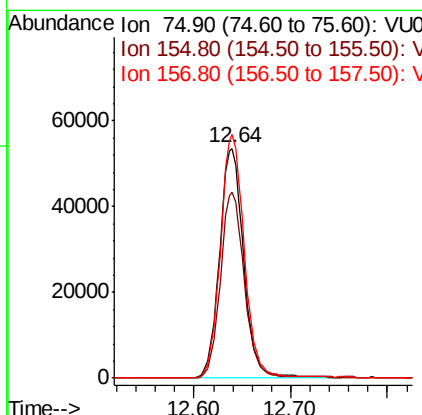
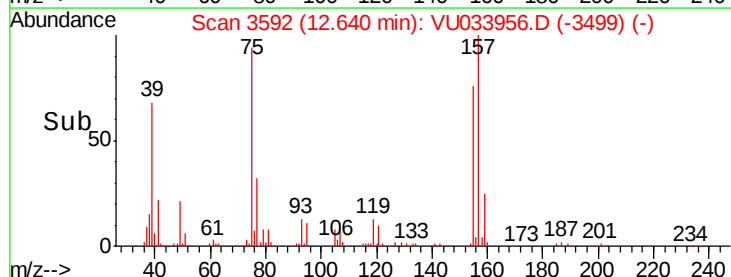
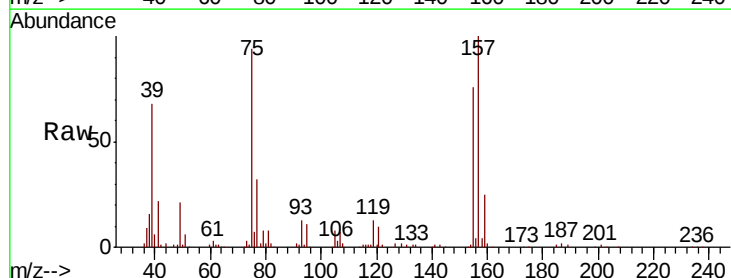
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC050

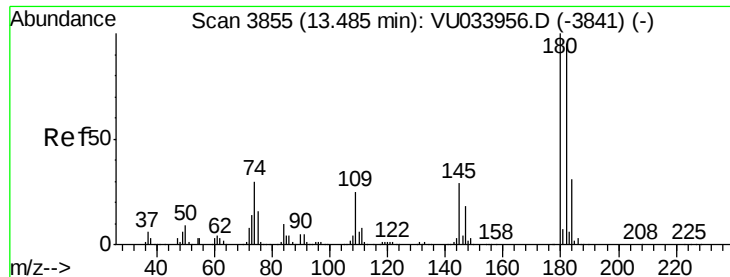
Tot Ion:146 Resp: 487597
 Ion Ratio Lower Upper
 146 100
 111 42.1 21.1 63.1
 148 63.4 31.7 95.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.397 ug/l
 RT: 12.64 min Scan# 3592
 Delta R.T. 0.00 min
 Lab File: VU033956.D
 Acq: 26 Aug 2019 17:50

Tgt Ion: 75 Resp: 92817
 Ion Ratio Lower Upper
 75 100
 155 79.9 40.0 119.9
 157 103.8 51.9 155.7

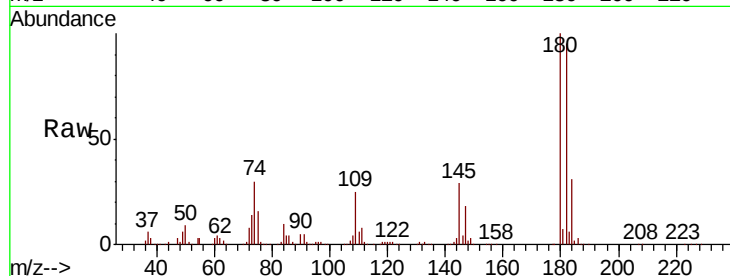




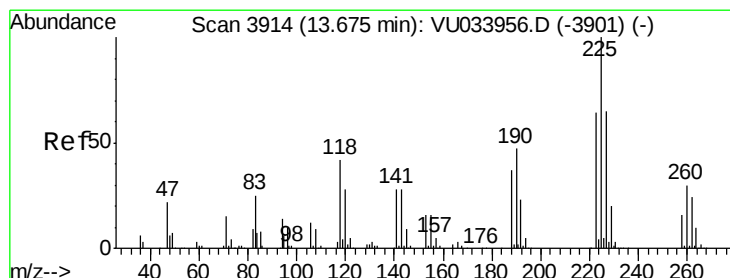
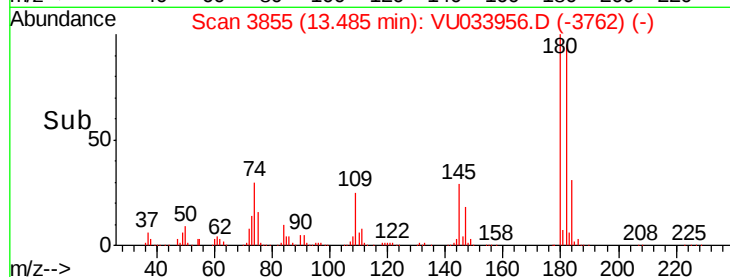
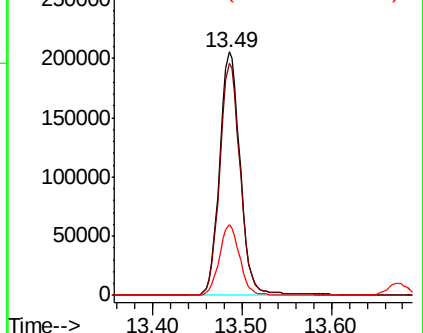
#93
 1,2,4-Trichlorobenzene
 Concen: 42.283 ug/l
 RT: 13.49 min Scan# 3855
 Delta R.T. 0.00 min
 Lab File: VU033956.D
 Acq: 26 Aug 2019 17:50

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC050

Tot Ion:180 Resp: 331124
 Ion Ratio Lower Upper
 180 100
 182 94.9 47.4 142.3
 145 28.5 14.2 42.8

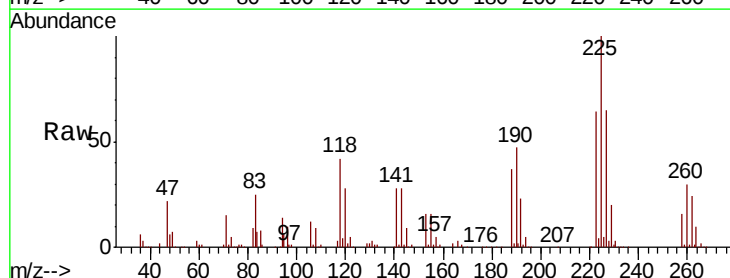


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

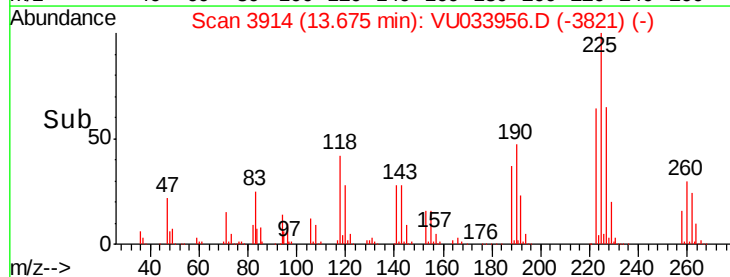
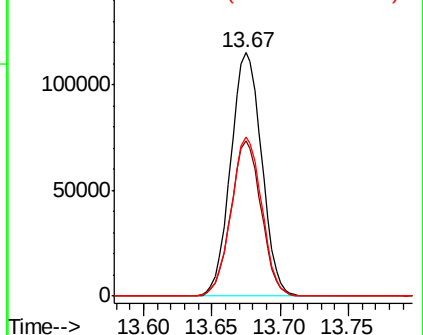


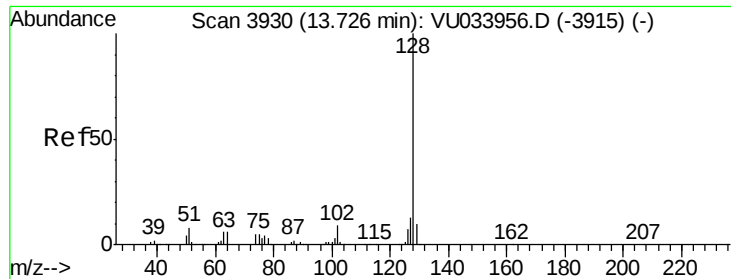
#94
 Hexachlorobutadiene
 Concen: 49.526 ug/l
 RT: 13.67 min Scan# 3914
 Delta R.T. 0.00 min
 Lab File: VU033956.D
 Acq: 26 Aug 2019 17:50

Tgt Ion:225 Resp: 181661
 Ion Ratio Lower Upper
 225 100
 223 62.7 31.4 94.0
 227 64.5 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: 38.755 ug/l

RT: 13.73 min Scan# 3930

Delta R.T. 0.00 min

Lab File: VU033956.D

Acq: 26 Aug 2019 17:50

Instrument :

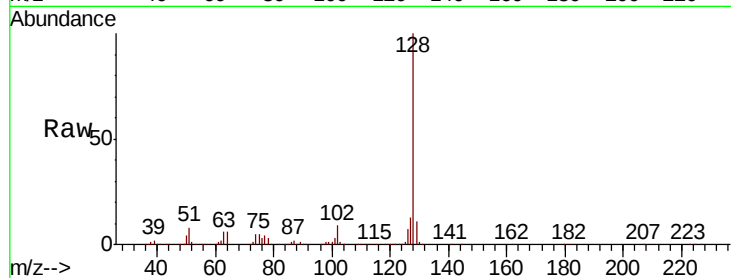
MSVOA_U

ClientSampleId :

VSTDICCC050

Tot Ion:128 Resp: 994620

Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.1	15.1
129	10.4	8.3	12.5

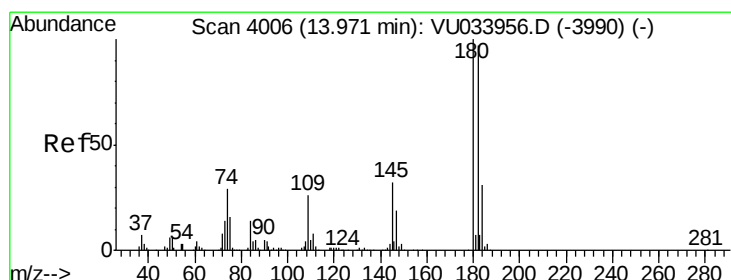
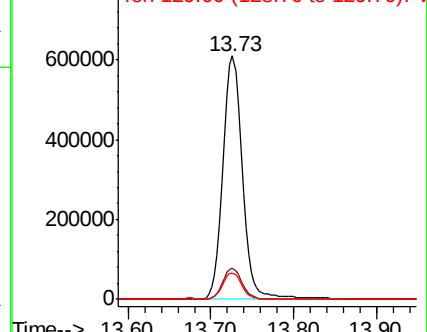
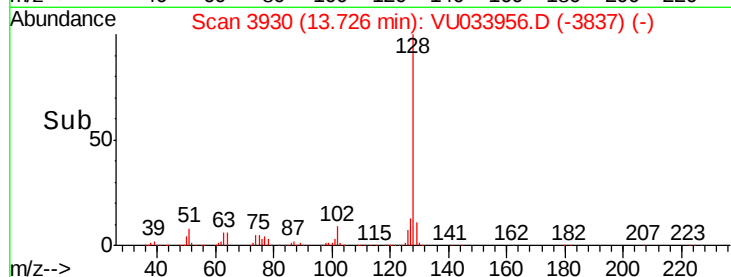


Abundance

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: 41.930 ug/l

RT: 13.97 min Scan# 4006

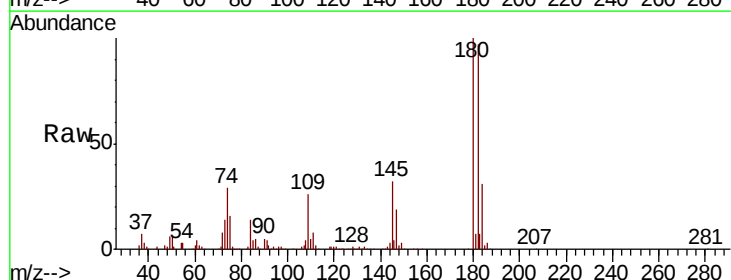
Delta R.T. 0.00 min

Lab File: VU033956.D

Acq: 26 Aug 2019 17:50

Tgt Ion:180 Resp: 329187

Ion	Ratio	Lower	Upper
180	100		
182	97.2	48.6	145.8
145	31.3	15.7	47.0



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

