

Data File : VU034282.D
Acq On : 05 Sep 2019 14:35
Operator : JC/SP
Sample : VU0906WBSD01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU0906WBSD01

Quant Time: Sep 06 07:34:02 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U090619W.M
Quant Title : SW846 8260
QLast Update : Fri Sep 06 05:10:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	332568	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.86	114	480662	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	477374	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	310764	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.29	65	243580	48.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.82%	
35) Dibromofluoromethane	4.86	113	215349	48.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.30%	
50) Toluene-d8	7.55	98	842409	50.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.26%	
62) 4-Bromofluorobenzene	10.29	95	311362	47.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.98%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	65338	18.785	ug/l	98
3) Chloromethane	1.32	50	78463	20.830	ug/l	99
4) Vinyl Chloride	1.40	62	79868	18.427	ug/l	98
5) Bromomethane	1.62	94	49910	20.149	ug/l	97
6) Chloroethane	1.69	64	53424	20.619	ug/l	99
7) Trichlorofluoromethane	1.88	101	110869	19.078	ug/l	99
8) Diethyl Ether	2.09	74	50835	19.886	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.27	101	74014	19.229	ug/l	99
10) Methyl Iodide	2.40	142	49299	16.769	ug/l	99
11) Tert butyl alcohol	2.81	59	109176	102.701	ug/l	99
12) 1,1-Dichloroethene	2.27	96	70092	19.371	ug/l	97
13) Acrolein	2.18	56	73837	82.640	ug/l	99
14) Allyl chloride	2.58	41	119608	17.290	ug/l	92
15) Acrylonitrile	2.92	53	269979	101.985	ug/l	99
16) Acetone	2.31	43	232616	89.332	ug/l	99
17) Carbon Disulfide	2.47	76	150951	18.562	ug/l	99
18) Methyl Acetate	2.60	43	118175	18.651	ug/l	98
19) Methyl tert-butyl Ether	2.98	73	268014	20.322	ug/l	100
20) Methylene Chloride	2.69	84	89255	20.693	ug/l	97
21) trans-1,2-Dichloroethene	2.97	96	73114	19.175	ug/l	99
22) Diisopropyl ether	3.55	45	280682	20.806	ug/l	91
23) Vinyl Acetate	3.51	43	1142243	103.947	ug/l	100
24) 1,1-Dichloroethane	3.43	63	157225	19.516	ug/l	100
25) 2-Butanone	4.24	43	350646	100.878	ug/l	98
26) 2,2-Dichloropropane	4.21	77	124061	19.147	ug/l	100
27) cis-1,2-Dichloroethene	4.21	96	94521	20.410	ug/l	99
28) Bromochloromethane	4.52	49	66693	17.998	ug/l	99
29) Tetrahydrofuran	4.62	42	222514	105.201	ug/l	99
30) Chloroform	4.65	83	155198	18.952	ug/l	98
31) Cyclohexane	4.97	56	117268	19.897	ug/l	98
32) 1,1,1-Trichloroethane	4.89	97	127117	19.415	ug/l	99
36) 1,1-Dichloropropene	5.12	75	102617	19.685	ug/l	98
37) Ethyl Acetate	4.36	43	124938	20.271	ug/l	99
38) Carbon Tetrachloride	5.11	117	107299	19.278	ug/l	98

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Quant Time: Sep 06 07:34:02 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U090619W.M
Quant Title : SW846 8260
QLast Update : Fri Sep 06 05:10:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.40	83	111477	20.005	ug/l	99
40) Benzene	5.37	78	333486	19.826	ug/l	99
41) Methacrylonitrile	4.52	41	68895	20.986	ug/l	99
42) 1,2-Dichloroethane	5.38	62	116677	19.979	ug/l	100
43) Isopropyl Acetate	5.53	43	192374	20.009	ug/l	100
44) Trichloroethene	6.17	130	92260	19.821	ug/l	99
45) 1,2-Dichloropropane	6.41	63	98639	20.059	ug/l	98
46) Dibromomethane	6.54	93	60786	19.693	ug/l	99
47) Bromodichloromethane	6.74	83	123292	19.405	ug/l	100
48) Methyl methacrylate	6.60	41	92491	20.254	ug/l	99
49) 1,4-Dioxane	6.59	88	41949	420.681	ug/l	99
51) 4-Methyl-2-Pentanone	7.44	43	680154	102.199	ug/l	99
52) Toluene	7.62	92	213504	20.234	ug/l	99
53) t-1,3-Dichloropropene	7.86	75	127972	19.430	ug/l	99
54) cis-1,3-Dichloropropene	7.25	75	143987	19.919	ug/l	99
55) 1,1,2-Trichloroethane	8.05	97	94406	19.704	ug/l	98
56) Ethyl methacrylate	8.00	69	134789	20.454	ug/l	100
57) 1,3-Dichloropropane	8.22	76	153806	19.714	ug/l	97
58) 2-Chloroethyl Vinyl ether	7.11	63	210790	96.519	ug/l	100
59) 2-Hexanone	8.34	43	507883	102.153	ug/l	100
60) Dibromochloromethane	8.46	129	99594	19.380	ug/l	96
61) 1,2-Dibromoethane	8.57	107	92769	19.782	ug/l	98
64) Tetrachloroethene	8.21	164	82499	19.920	ug/l	95
65) Chlorobenzene	9.10	112	243582	20.112	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.19	131	89634	19.393	ug/l	98
67) Ethyl Benzene	9.23	91	404524	20.428	ug/l	98
68) m/p-Xylenes	9.36	106	313364	42.024	ug/l	99
69) o-Xylene	9.76	106	149461	20.495	ug/l	97
70) Styrene	9.77	104	271662	21.247	ug/l	99
71) Bromoform	9.94	173	78102	19.497	ug/l #	99
73) Isopropylbenzene	10.15	105	419430	20.739	ug/l	100
74) N-amyl acetate	10.00	43	171578	21.077	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.44	83	160533	19.610	ug/l	99
76) 1,2,3-Trichloropropane	10.48	75	172580	25.441	ug/l	86
77) Bromobenzene	10.43	156	115995	20.513	ug/l	99
78) n-propylbenzene	10.57	91	484831	20.758	ug/l	100
79) 2-Chlorotoluene	10.64	91	296861	20.831	ug/l	99
80) 1,3,5-Trimethylbenzene	10.75	105	364778	21.567	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.48	75	172580	85.558	ug/l #	100
82) 4-Chlorotoluene	10.75	91	338514	20.641	ug/l	99
83) tert-Butylbenzene	11.08	119	351355	20.765	ug/l	100
84) 1,2,4-Trimethylbenzene	11.13	105	365871	21.489	ug/l	99
85) sec-Butylbenzene	11.31	105	424321	21.242	ug/l	100
86) p-Isopropyltoluene	11.46	119	390285	21.168	ug/l	99
87) 1,3-Dichlorobenzene	11.40	146	208724	20.228	ug/l	100
88) 1,4-Dichlorobenzene	11.49	146	213830	19.867	ug/l	99
89) n-Butylbenzene	11.87	91	340300	21.239	ug/l	99
90) Hexachloroethane	12.12	117	56815	19.261	ug/l	99
91) 1,2-Dichlorobenzene	11.86	146	206316	20.344	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.64	75	31267	20.786	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU090619\
Quantitation Report (Not Reviewed)

Data File : VU034282.D
Acq On : 05 Sep 2019 14:35
Operator : JC/SP
Sample : VU0906WBSD01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU0906WBSD01

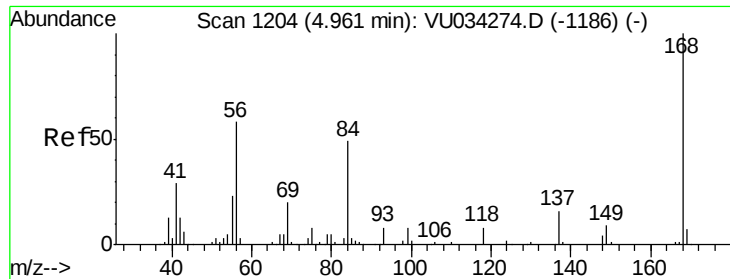
Quant Time: Sep 06 07:34:02 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U090619W.M
Quant Title : SW846 8260
QLast Update : Fri Sep 06 05:10:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.49	180	139178	21.068	ug/l	97
94) Hexachlorobutadiene	13.67	225	69843	19.689	ug/l	99
95) Naphthalene	13.73	128	384946	21.078	ug/l	99
96) 1,2,3-Trichlorobenzene	13.97	180	135488	20.704	ug/l	98

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

Quant Time: Sep 06 07:34:02 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U090619W.M
Quant Title : SW846 8260
QLast Update : Fri Sep 06 05:10:13 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.96 min Scan# 1204

Delta R.T. 0.00 min

Lab File: VU034282.D

Acq: 05 Sep 2019 14:35

Instrument :

MSVOA_U

ClientSampleId :

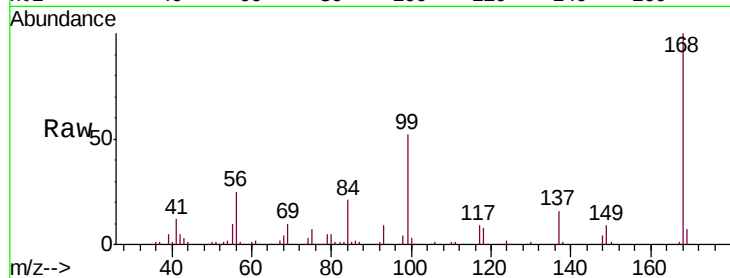
VU0906WBSD01

Tgt Ion:168 Resp: 332568

Ion Ratio Lower Upper

168 100

99 51.6 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): VU034282.D (-1186) (-)

Ion 98.90 (98.60 to 99.60): VU034282.D (-1186) (-)

4.96

150000

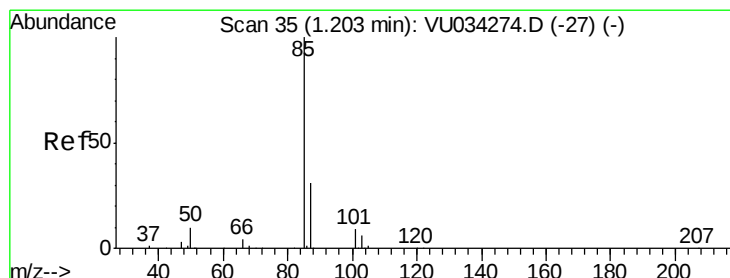
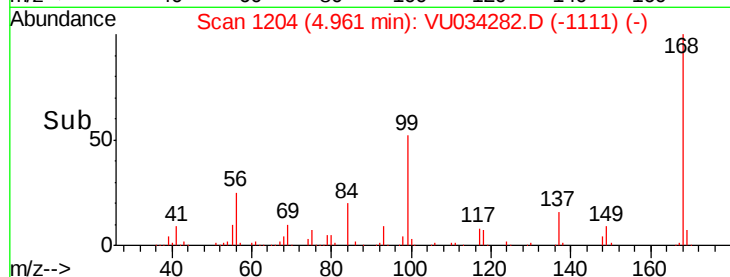
100000

50000

0

4.90 5.00 5.10

Time-->



#2

Dichlorodifluoromethane

Concen: 18.785 ug/l

RT: 1.20 min Scan# 35

Delta R.T. 0.00 min

Lab File: VU034282.D

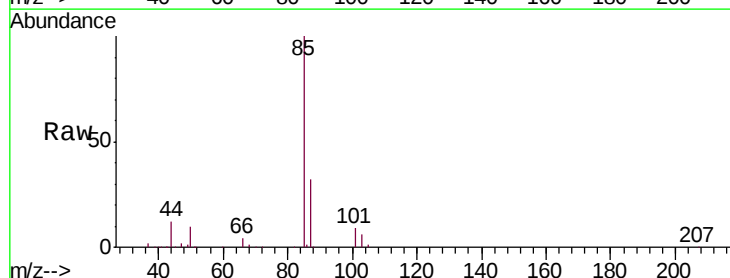
Acq: 05 Sep 2019 14:35

Tgt Ion: 85 Resp: 65338

Ion Ratio Lower Upper

85 100

87 32.2 15.7 47.0



Abundance Ion 84.90 (84.60 to 85.60): VU034282.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VU034282.D (-1) (-)

1.20

80000

60000

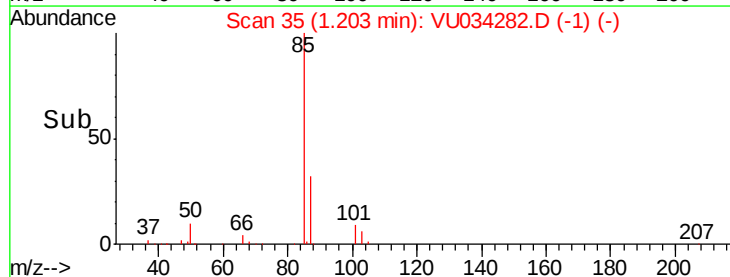
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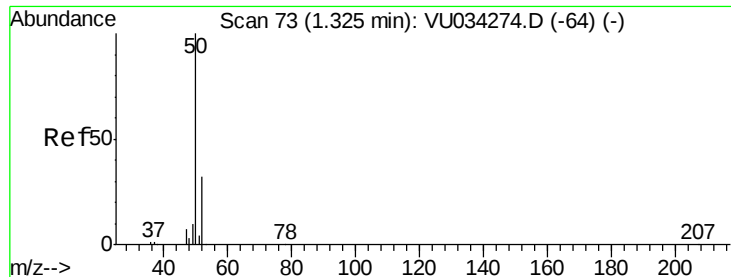
20000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 20.830 ug/l

RT: 1.32 min Scan# 73

Delta R.T. 0.00 min

Lab File: VU034282.D

Acq: 05 Sep 2019 14:35

Instrument :

MSVOA_U

ClientSampleId :

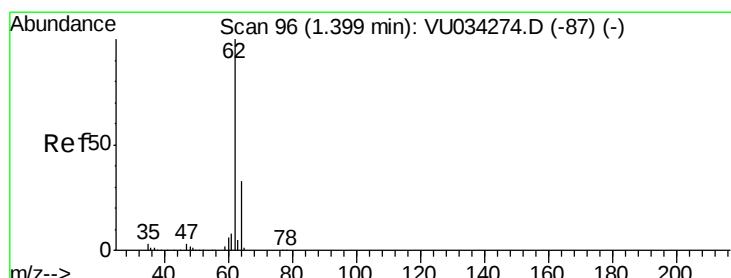
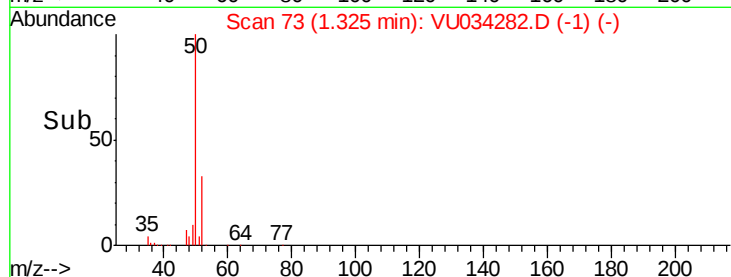
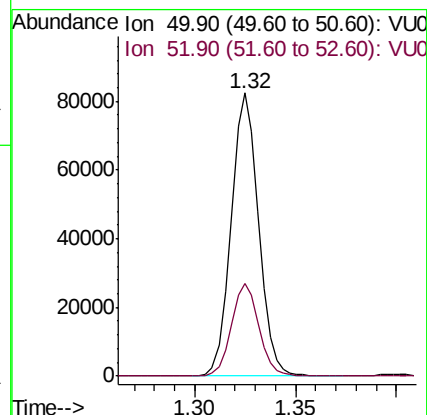
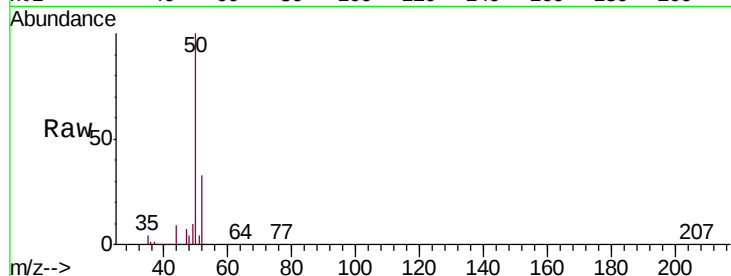
VU0906WBSD01

Tgt Ion: 50 Resp: 78463

Ion Ratio Lower Upper

50 100

52 32.7 25.8 38.6



#4

Vinyl Chloride

Concen: 18.427 ug/l

RT: 1.40 min Scan# 96

Delta R.T. 0.00 min

Lab File: VU034282.D

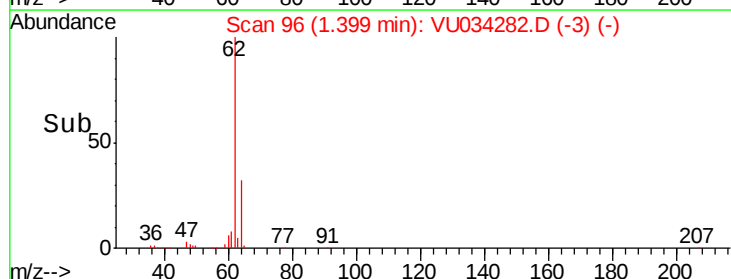
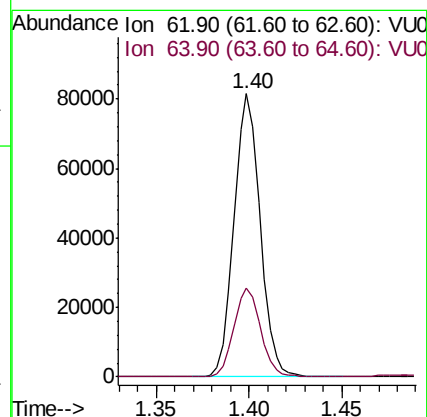
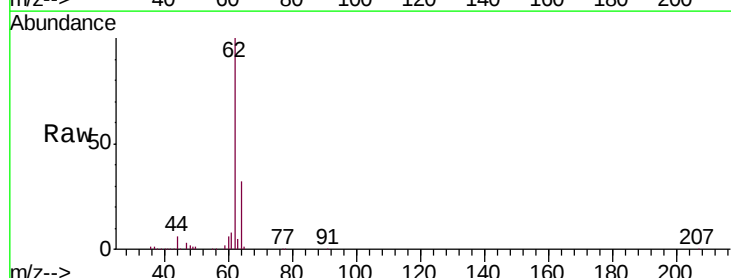
Acq: 05 Sep 2019 14:35

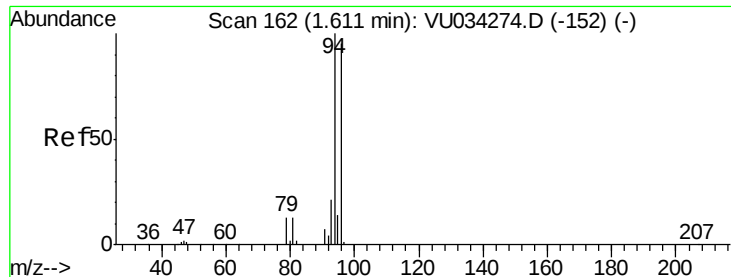
Tgt Ion: 62 Resp: 79868

Ion Ratio Lower Upper

62 100

64 31.6 26.2 39.4





#5

Bromomethane

Concen: 20.149 ug/l

RT: 1.62 min Scan# 164

Delta R.T. 0.01 min

Lab File: VU034282.D

Acq: 05 Sep 2019 14:35

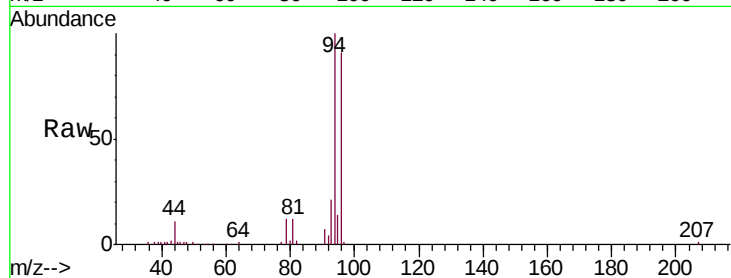
Instrument :
MSVOA_U
ClientSampleId :
VU0906WBSD01

Tgt Ion: 94 Resp: 49910

Ion Ratio Lower Upper

94 100

96 91.3 75.7 113.5

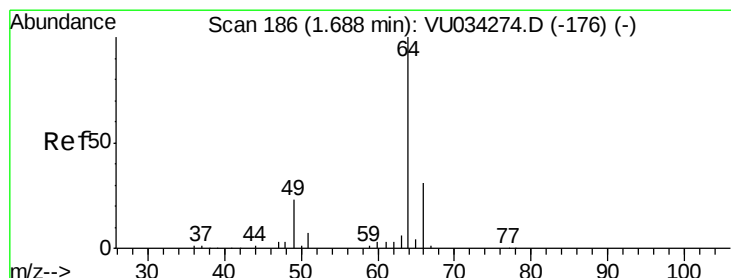
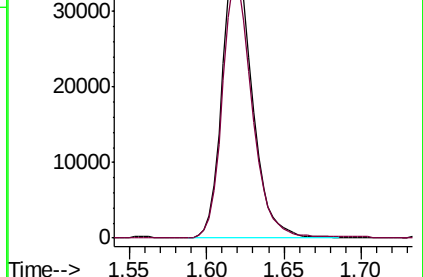
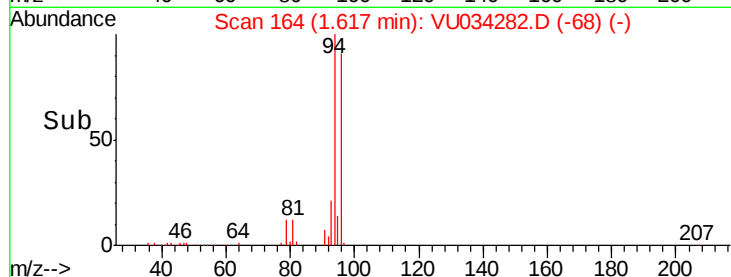


Abundance Ion 93.90 (93.60 to 94.60): VU034282.D (-152) (-)

Ion 95.90 (95.60 to 96.60): VU034282.D (-152) (-)

1.62

Time-->



#6

Chloroethane

Concen: 20.619 ug/l

RT: 1.69 min Scan# 187

Delta R.T. 0.00 min

Lab File: VU034282.D

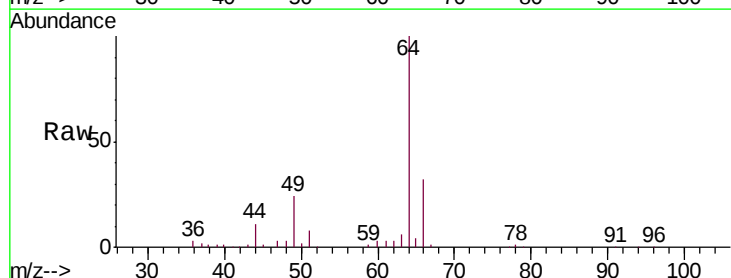
Acq: 05 Sep 2019 14:35

Tgt Ion: 64 Resp: 53424

Ion Ratio Lower Upper

64 100

66 32.0 25.0 37.6

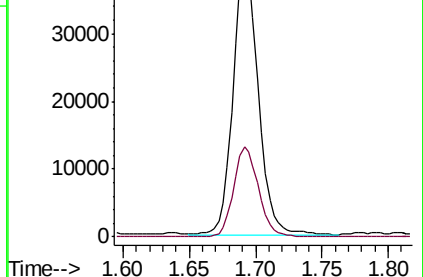
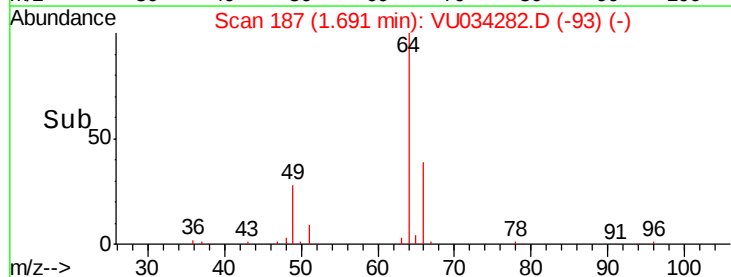


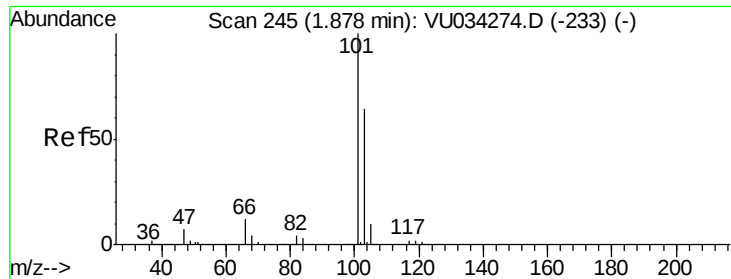
Abundance Ion 63.90 (63.60 to 64.60): VU034282.D (-176) (-)

Ion 65.90 (65.60 to 66.60): VU034282.D (-176) (-)

1.69

Time-->



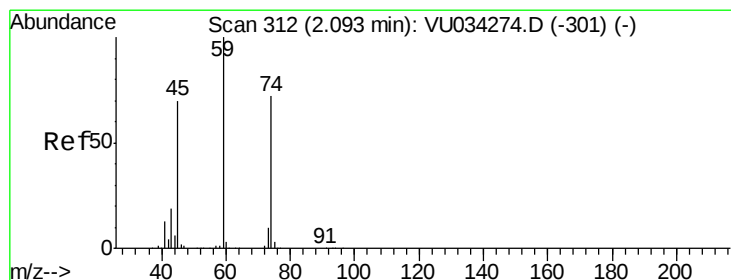
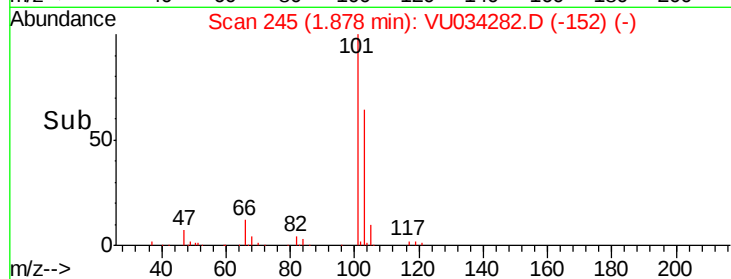
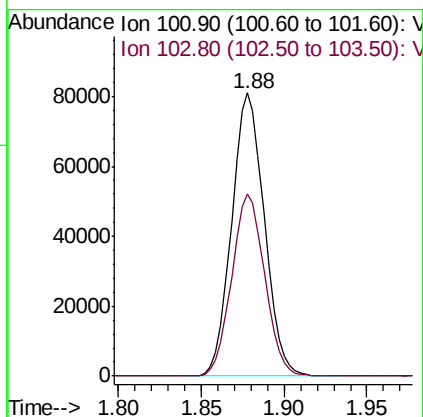
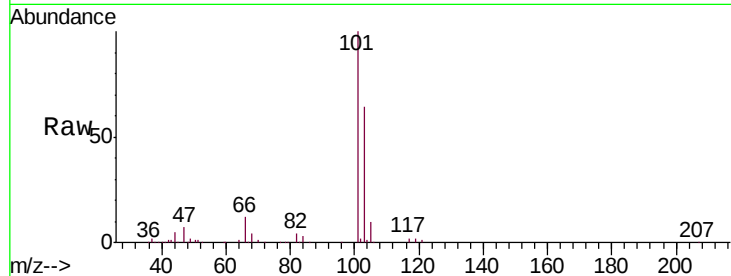


#7

Trichlorofluoromethane
 Concen: 19.078 ug/l
 RT: 1.88 min Scan# 245
 Delta R.T. 0.00 min
 Lab File: VU034282.D
 Acq: 05 Sep 2019 14:35

Instrument :
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 VU0906WBSD01

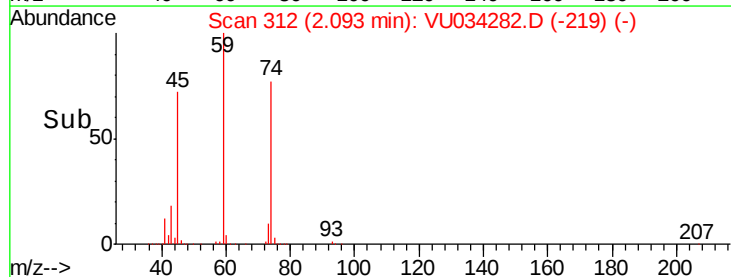
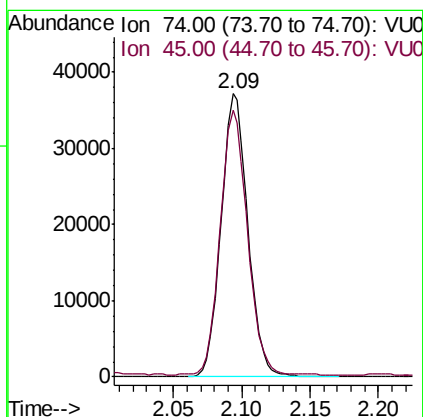
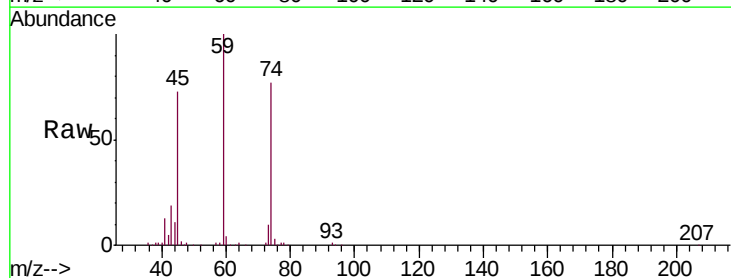
Tgt Ion:101 Resp: 110869
 Ion Ratio Lower Upper
 101 100
 103 64.4 51.0 76.6

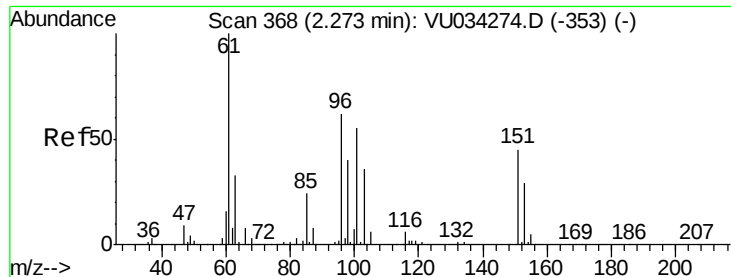


#8

Diethyl Ether
 Concen: 19.886 ug/l
 RT: 2.09 min Scan# 312
 Delta R.T. 0.00 min
 Lab File: VU034282.D
 Acq: 05 Sep 2019 14:35

Tgt Ion: 74 Resp: 50835
 Ion Ratio Lower Upper
 74 100
 45 94.9 48.2 144.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.229 ug/l

RT: 2.27 min Scan# 368

Delta R.T. 0.00 min

Lab File: VU034282.D

Acq: 05 Sep 2019 14:35

Instrument :

MSVOA_U

ClientSampleId :

VU0906WBSD01

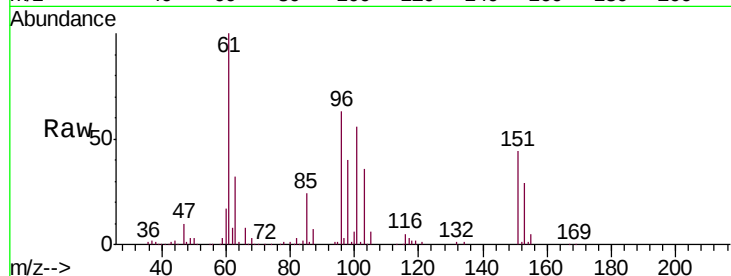
Tgt Ion:101 Resp: 74014

Ion Ratio Lower Upper

101 100

85 42.5 34.4 51.6

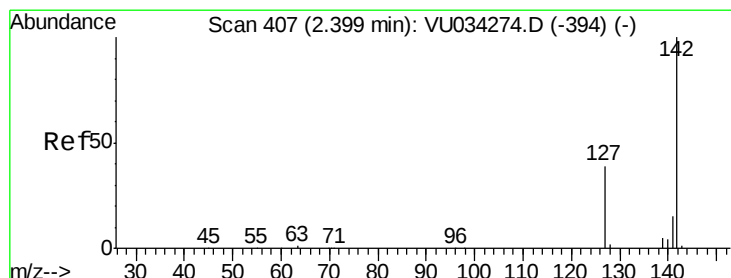
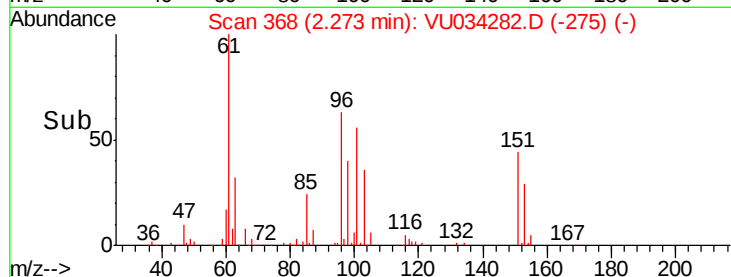
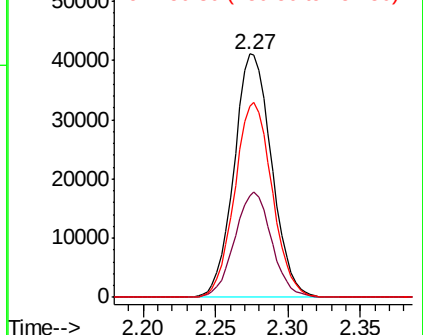
151 79.7 64.4 96.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 16.769 ug/l

RT: 2.40 min Scan# 408

Delta R.T. 0.00 min

Lab File: VU034282.D

Acq: 05 Sep 2019 14:35

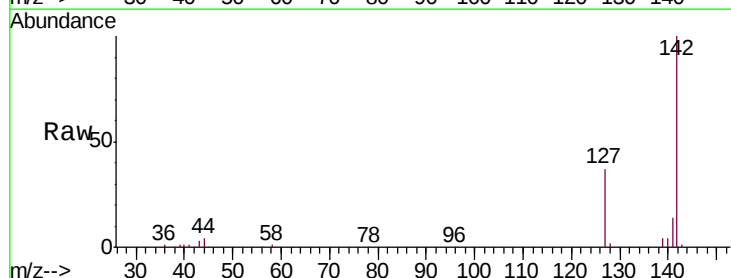
Tgt Ion:142 Resp: 49299

Ion Ratio Lower Upper

142 100

127 39.0 32.1 48.1

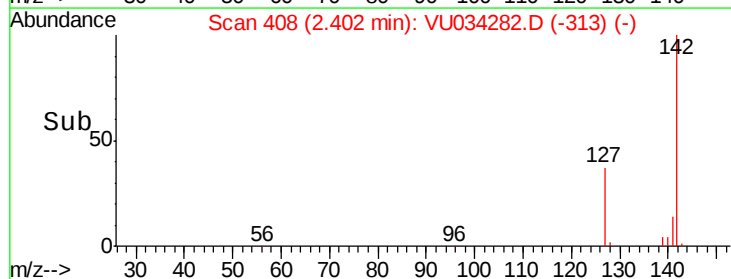
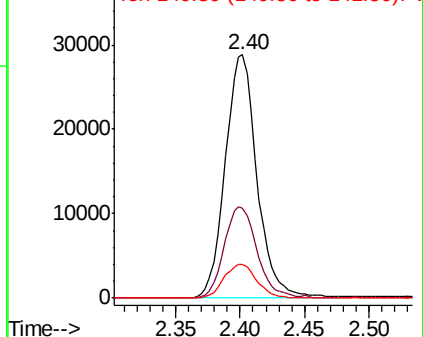
141 14.3 11.5 17.3

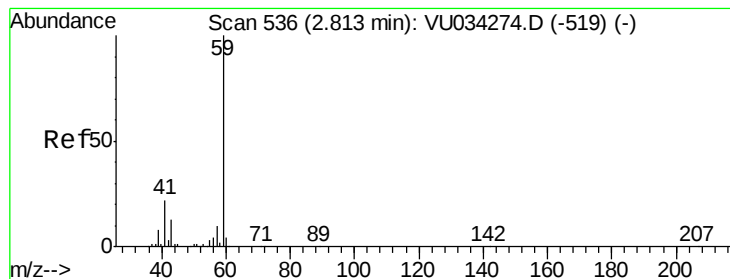


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



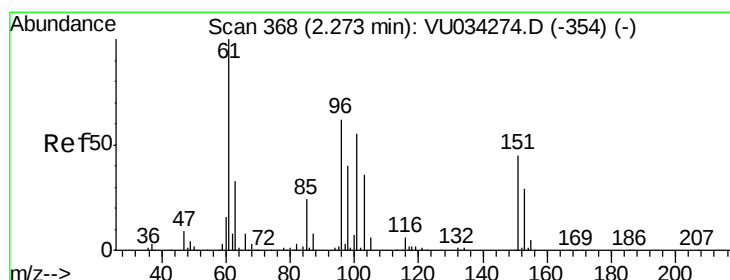
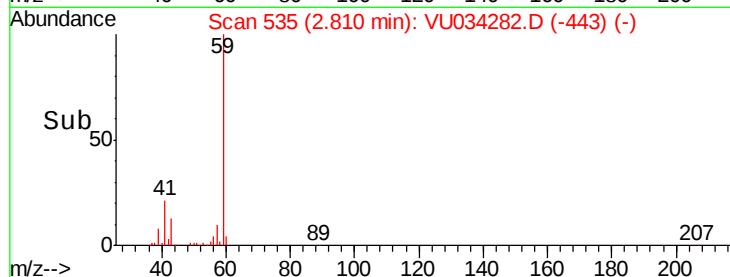
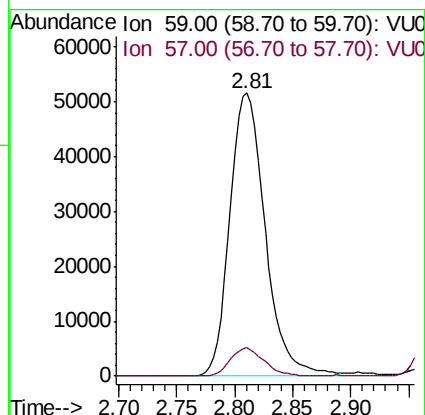
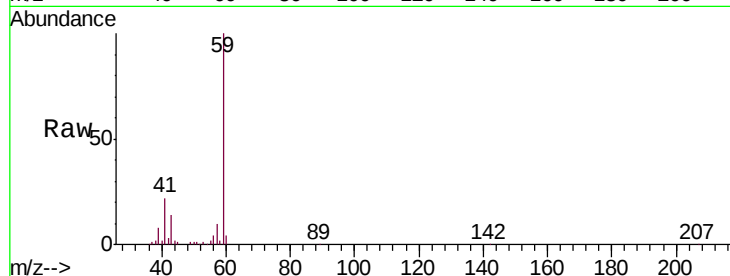


#11

Tert butyl alcohol
 Concen: 102.701 ug/l
 RT: 2.81 min Scan# 535
 Delta R.T. -0.00 min
 Lab File: VU034282.D
 Acq: 05 Sep 2019 14:35

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0906WBSD01

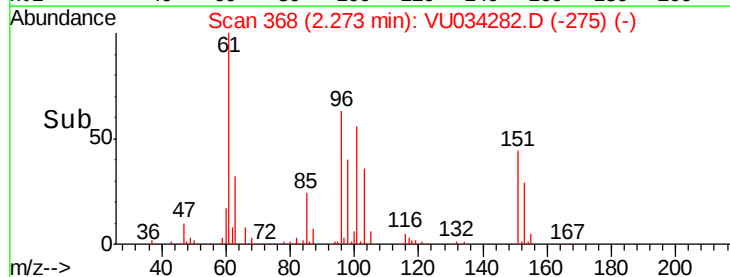
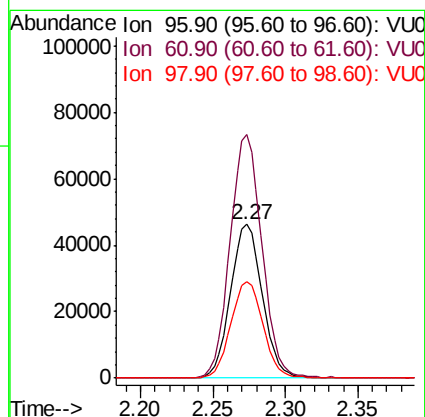
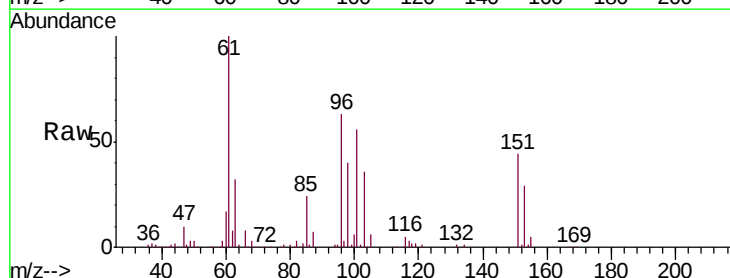
Tgt Ion: 59 Resp: 109176
 Ion Ratio Lower Upper
 59 100
 57 9.6 7.9 11.9

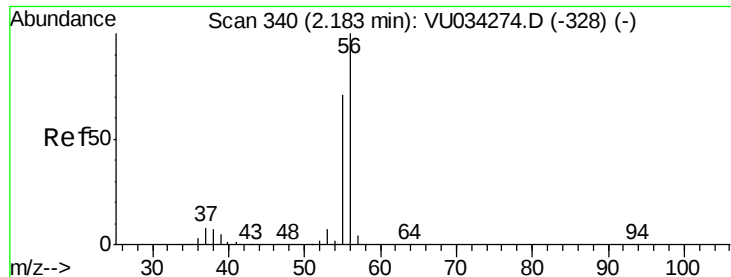


#12

1,1-Dichloroethene
 Concen: 19.371 ug/l
 RT: 2.27 min Scan# 368
 Delta R.T. 0.00 min
 Lab File: VU034282.D
 Acq: 05 Sep 2019 14:35

Tgt Ion: 96 Resp: 70092
 Ion Ratio Lower Upper
 96 100
 61 158.8 130.0 195.0
 98 63.0 52.2 78.4





#13

Acrolein

Concen: 82.640 ug/l

RT: 2.18 min Scan# 340

Delta R.T. 0.00 min

Lab File: VU034282.D

Acq: 05 Sep 2019 14:35

Instrument :

MSVOA_U

ClientSampleId :

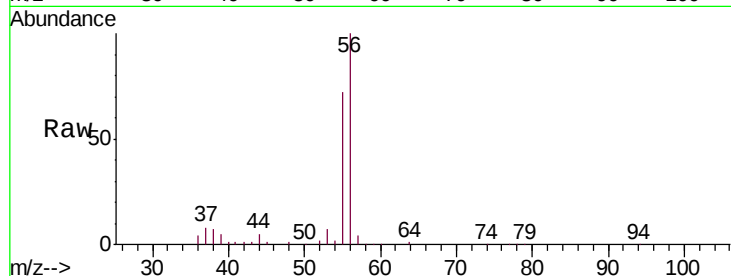
VU0906WBSD01

Tgt Ion: 56 Resp: 73837

Ion Ratio Lower Upper

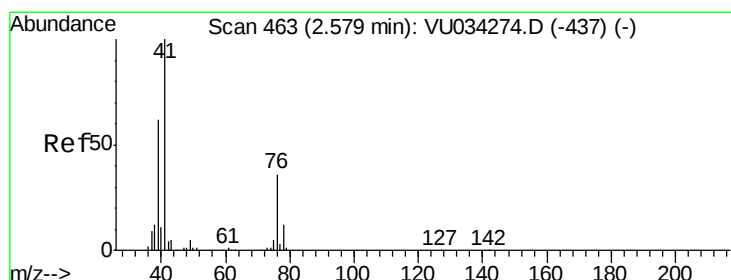
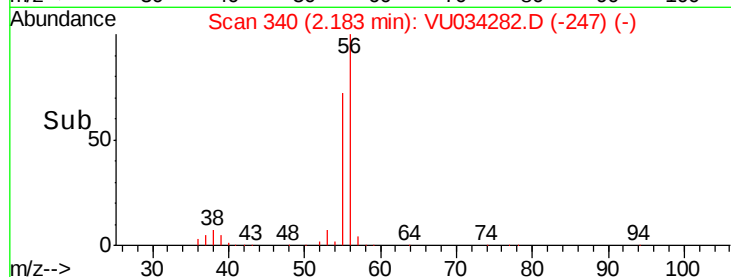
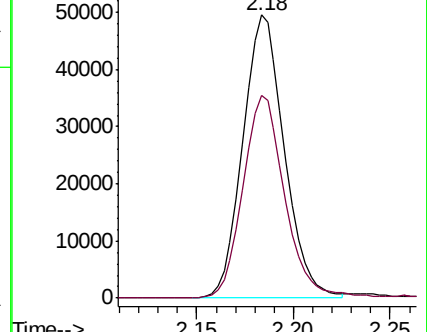
56 100

55 72.5 57.4 86.2



Abundance Ion 56.00 (55.70 to 56.70): VU034274.D (-328) (-)

Ion 55.00 (54.70 to 55.70): VU034274.D (-328) (-)



#14

Allyl chloride

Concen: 17.290 ug/l

RT: 2.58 min Scan# 463

Delta R.T. 0.00 min

Lab File: VU034282.D

Acq: 05 Sep 2019 14:35

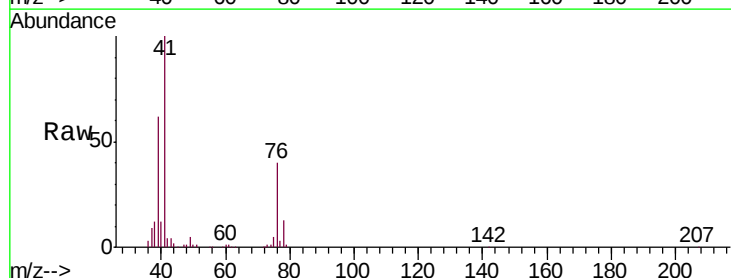
Tgt Ion: 41 Resp: 119608

Ion Ratio Lower Upper

41 100

39 61.2 43.5 65.3

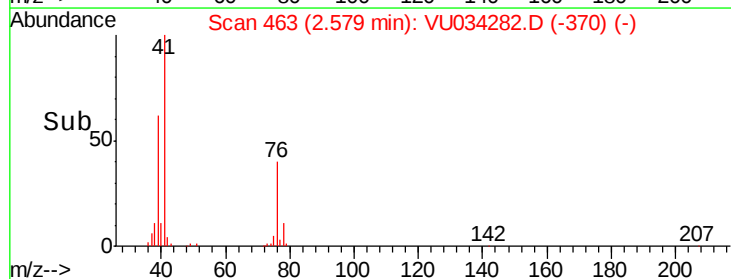
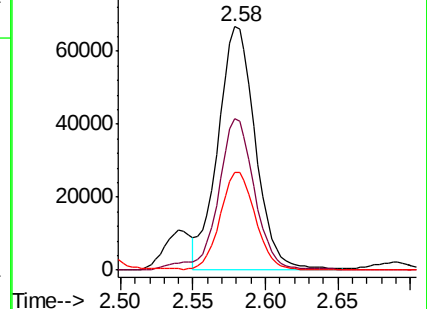
76 37.3 27.0 40.6

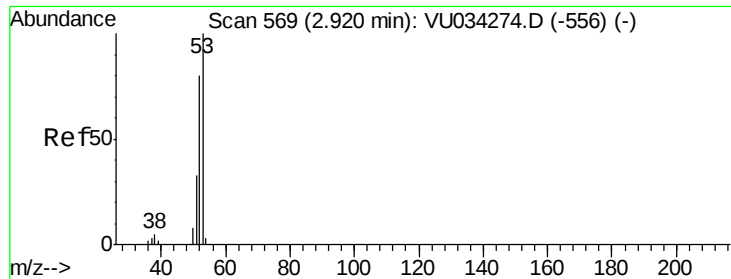


Abundance Ion 41.00 (40.70 to 41.70): VU034274.D (-437) (-)

Ion 39.00 (38.70 to 39.70): VU034274.D (-437) (-)

Ion 75.90 (75.60 to 76.60): VU034274.D (-437) (-)





#15

Acrylonitrile

Concen: 101.985 ug/l

RT: 2.92 min Scan# 569

Delta R.T. 0.00 min

Lab File: VU034282.D

Acq: 05 Sep 2019 14:35

Instrument :

MSVOA_U

ClientSampleId :

VU0906WBSD01

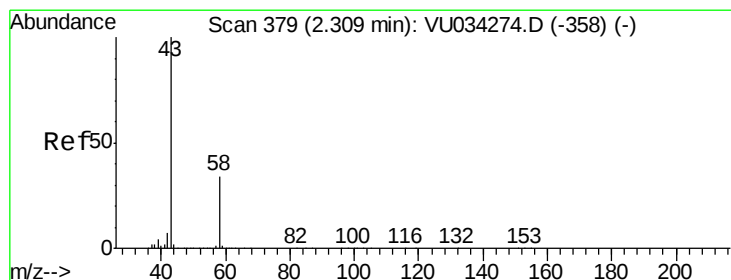
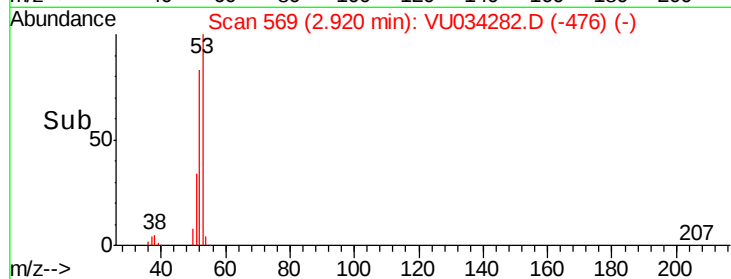
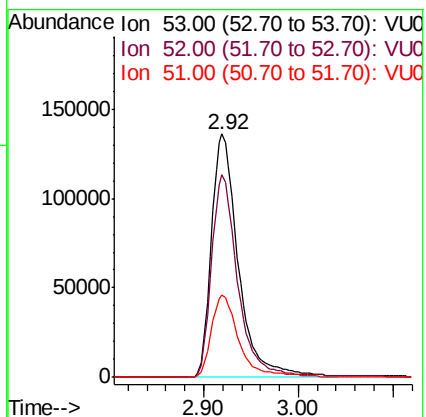
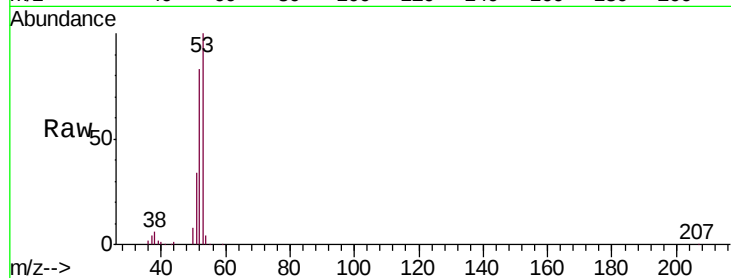
Tgt Ion: 53 Resp: 269979

Ion Ratio Lower Upper

53 100

52 80.5 64.1 96.1

51 34.7 27.4 41.0



#16

Acetone

Concen: 89.332 ug/l

RT: 2.31 min Scan# 379

Delta R.T. 0.00 min

Lab File: VU034282.D

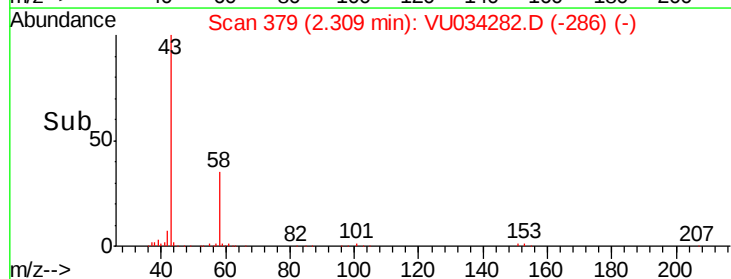
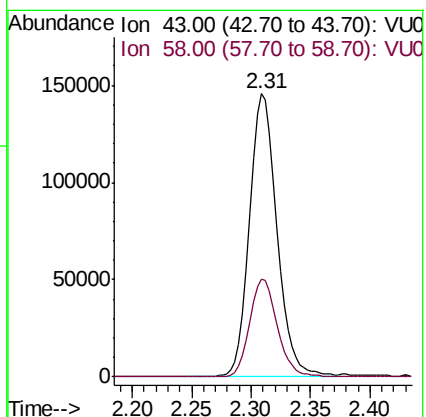
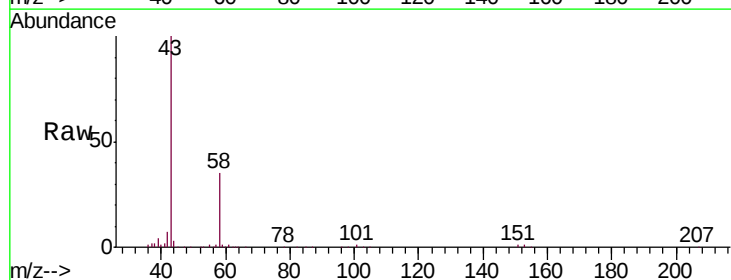
Acq: 05 Sep 2019 14:35

Tgt Ion: 43 Resp: 232616

Ion Ratio Lower Upper

43 100

58 34.8 27.6 41.4





#17

Carbon Disulfide

Concen: 18.562 ug/l

RT: 2.47 min Scan# 428

Delta R.T. 0.00 min

Lab File: VU034282.D

Acq: 05 Sep 2019 14:35

Instrument :

MSVOA_U

ClientSampleId :

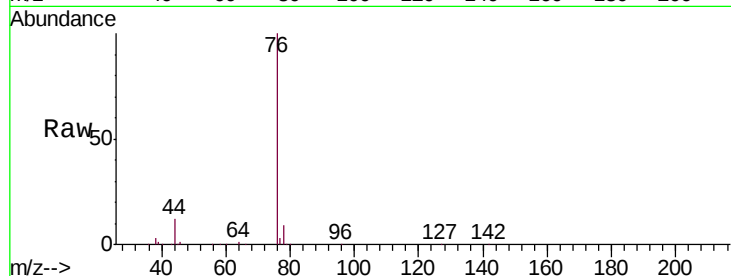
VU0906WBSD01

Tgt Ion: 76 Resp: 150951

Ion Ratio Lower Upper

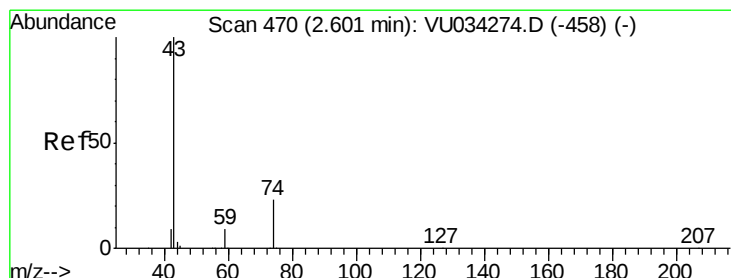
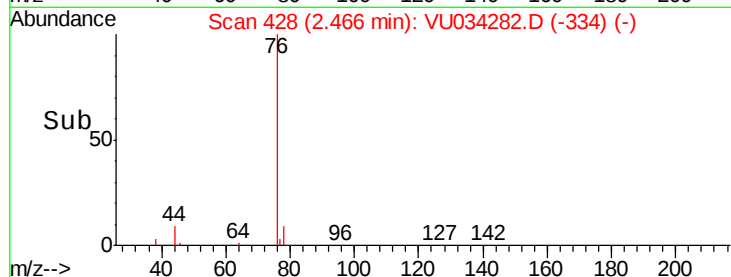
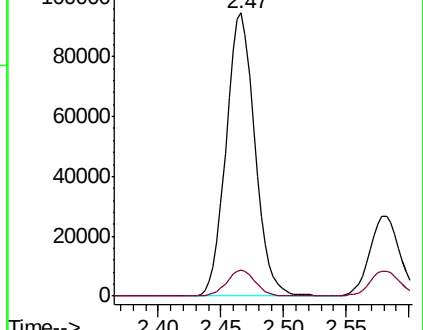
76 100

78 9.3 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VU034282.D (-334) (-)

Ion 77.90 (77.60 to 78.60): VU034282.D (-334) (-)



#18

Methyl Acetate

Concen: 18.651 ug/l

RT: 2.60 min Scan# 471

Delta R.T. 0.00 min

Lab File: VU034282.D

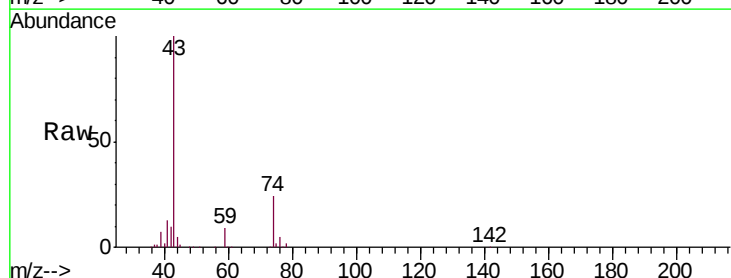
Acq: 05 Sep 2019 14:35

Tgt Ion: 43 Resp: 118175

Ion Ratio Lower Upper

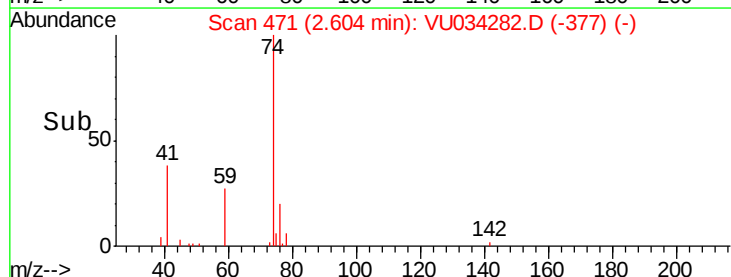
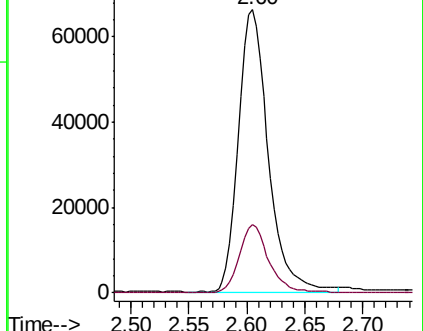
43 100

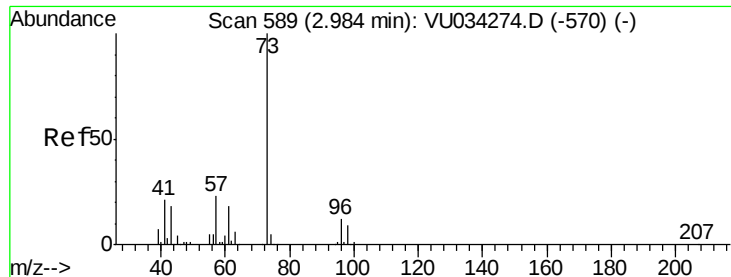
74 24.4 18.9 28.3



Abundance Ion 43.00 (42.70 to 43.70): VU034282.D (-377) (-)

Ion 74.00 (73.70 to 74.70): VU034282.D (-377) (-)



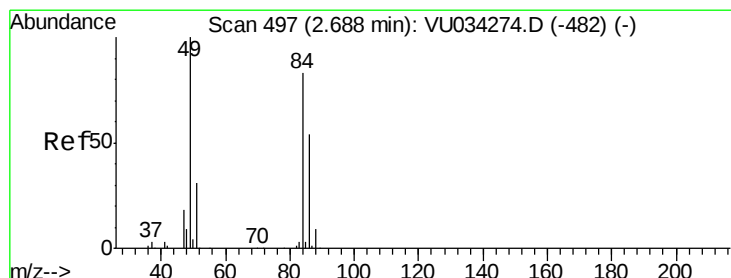
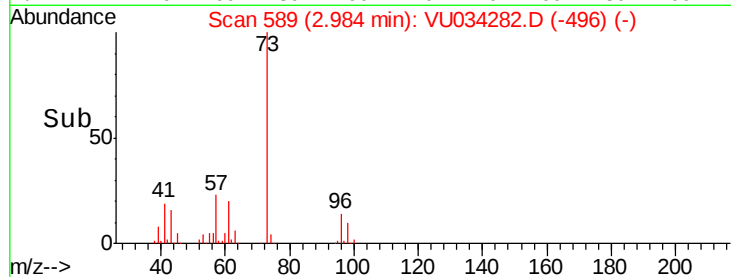
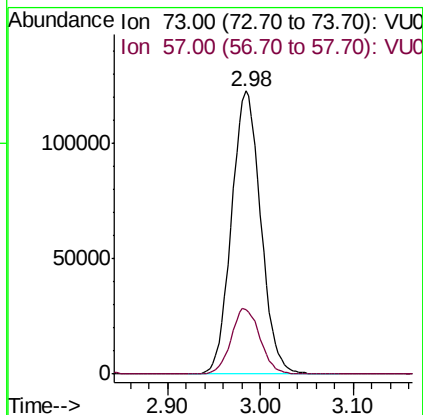
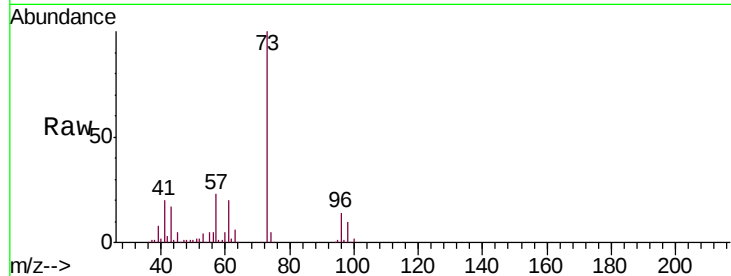


#19

Methyl tert-butyl Ether
 Concen: 20.322 ug/l
 RT: 2.98 min Scan# 589
 Delta R.T. 0.00 min
 Lab File: VU034282.D
 Acq: 05 Sep 2019 14:35

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0906WBSD01

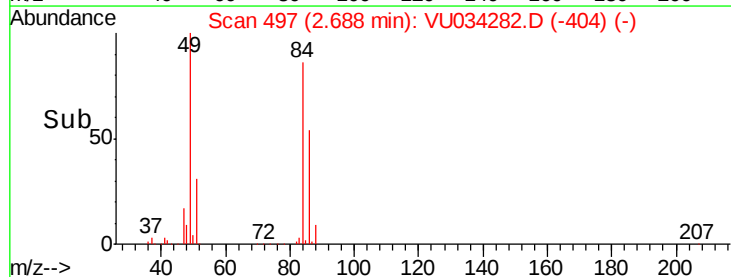
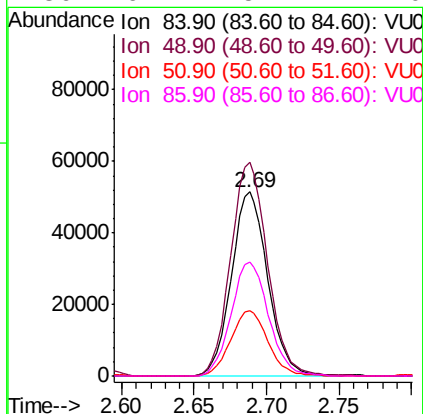
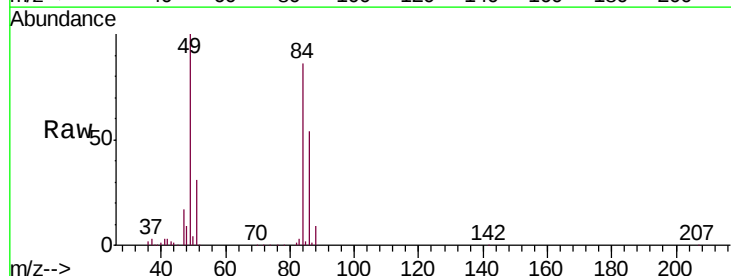
Tgt Ion: 73 Resp: 268014
 Ion Ratio Lower Upper
 73 100
 57 22.8 18.2 27.4

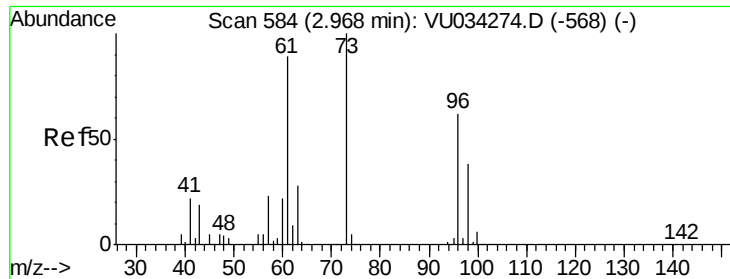


#20

Methylene Chloride
 Concen: 20.693 ug/l
 RT: 2.69 min Scan# 497
 Delta R.T. 0.00 min
 Lab File: VU034282.D
 Acq: 05 Sep 2019 14:35

Tgt Ion: 84 Resp: 89255
 Ion Ratio Lower Upper
 84 100
 49 116.1 96.0 144.0
 51 35.7 30.0 45.0
 86 62.2 51.4 77.0





#21

trans-1,2-Dichloroethene

Concen: 19.175 ug/l

RT: 2.97 min Scan# 584

Delta R.T. 0.00 min

Lab File: VU034282.D

Acq: 05 Sep 2019 14:35

Instrument :

MSVOA_U

ClientSampleId :

VU0906WBSD01

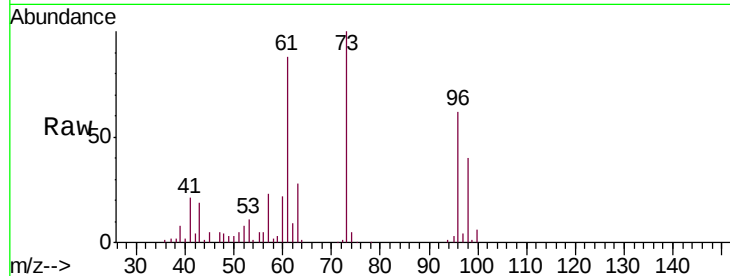
Tgt Ion: 96 Resp: 73114

Ion Ratio Lower Upper

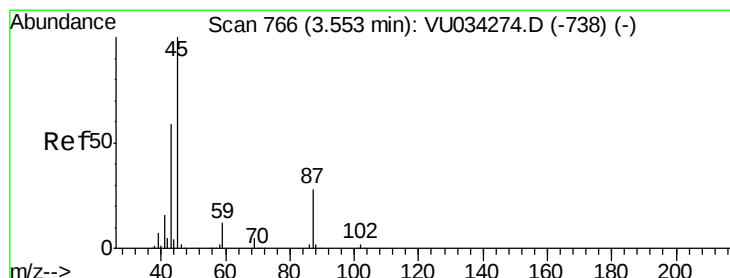
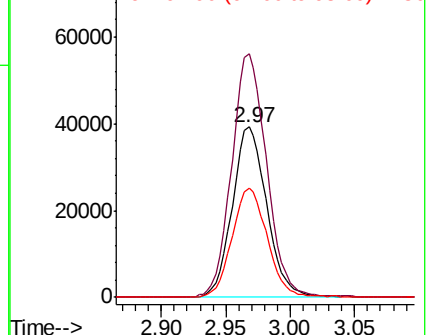
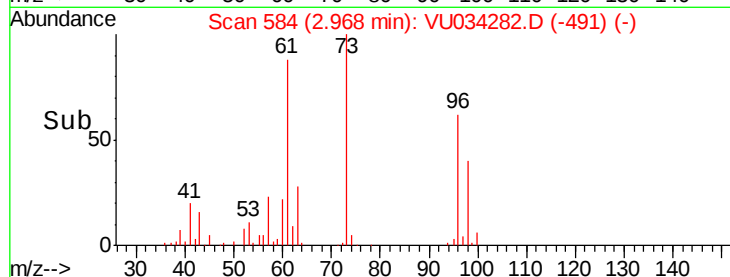
96 100

61 142.8 114.8 172.2

98 63.9 49.8 74.8



Abundance Ion 95.90 (95.60 to 96.60): VU034282.D (-491) (-)



#22

Diisopropyl ether

Concen: 20.806 ug/l

RT: 3.55 min Scan# 765

Delta R.T. -0.00 min

Lab File: VU034282.D

Acq: 05 Sep 2019 14:35

Tgt Ion: 45 Resp: 280682

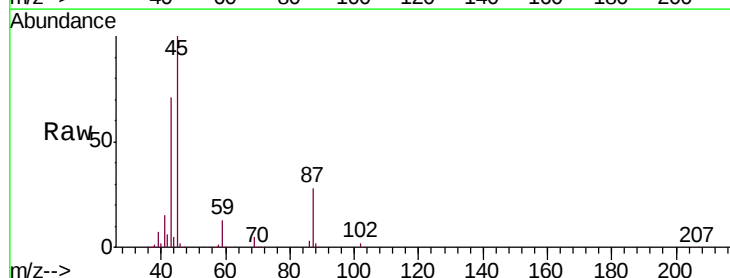
Ion Ratio Lower Upper

45 100

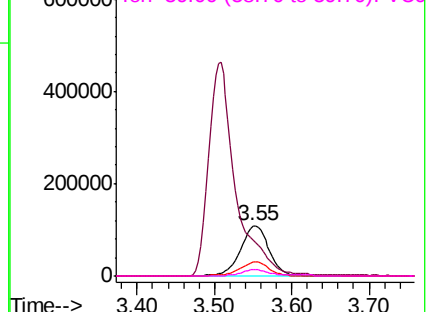
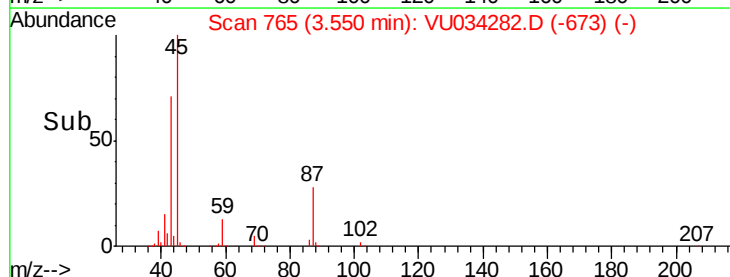
43 70.8 47.5 71.3

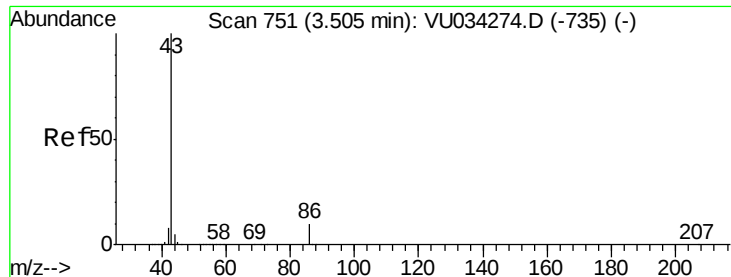
87 27.9 22.2 33.4

59 12.7 9.4 14.2



Abundance Ion 45.00 (44.70 to 45.70): VU034282.D (-673) (-)





#23

Vinyl Acetate

Concen: 103.947 ug/l

RT: 3.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: VU034282.D

Acq: 05 Sep 2019 14:35

Instrument :

MSVOA_U

ClientSampleId :

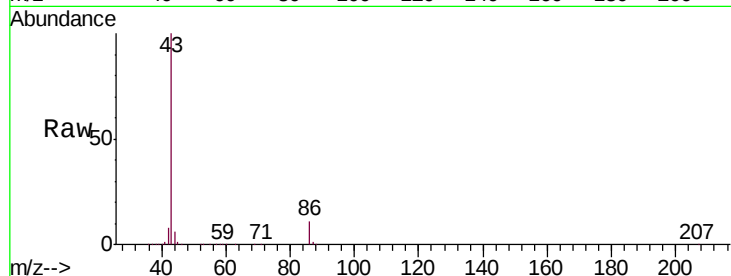
VU0906WBSD01

Tgt Ion: 43 Resp: 1142243

Ion Ratio Lower Upper

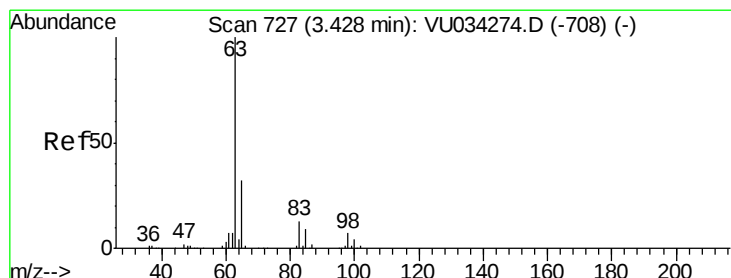
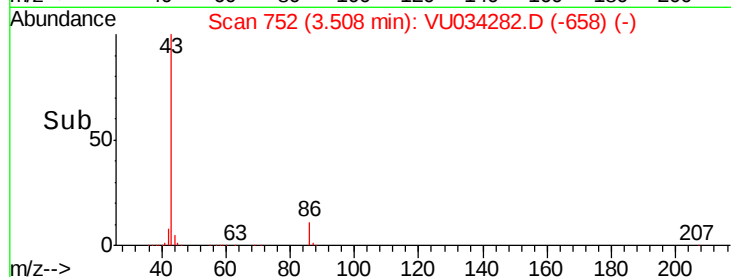
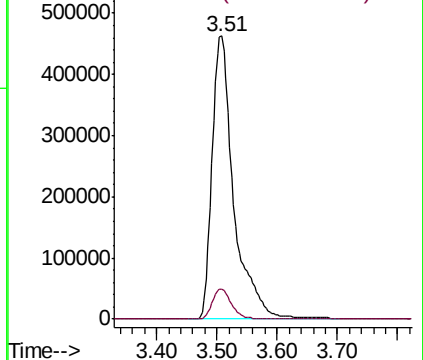
43 100

86 10.5 8.3 12.5



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 86.00 (85.70 to 86.70): VU0



#24

1,1-Dichloroethane

Concen: 19.516 ug/l

RT: 3.43 min Scan# 727

Delta R.T. 0.00 min

Lab File: VU034282.D

Acq: 05 Sep 2019 14:35

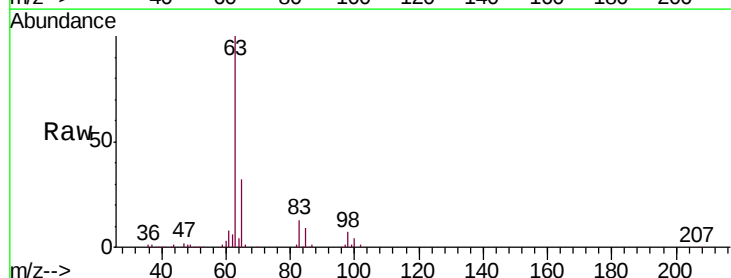
Tgt Ion: 63 Resp: 157225

Ion Ratio Lower Upper

63 100

98 6.9 3.5 10.4

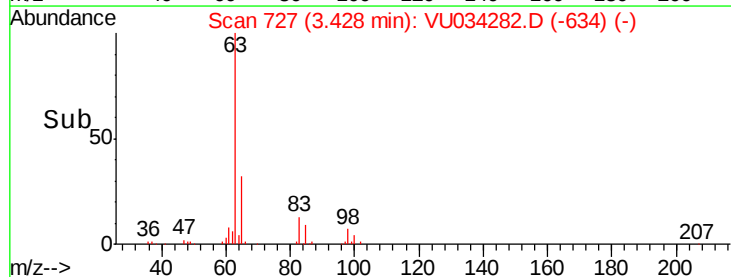
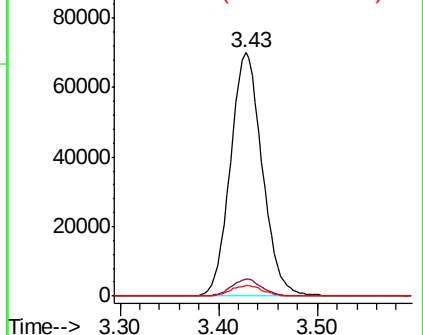
100 4.1 2.1 6.5

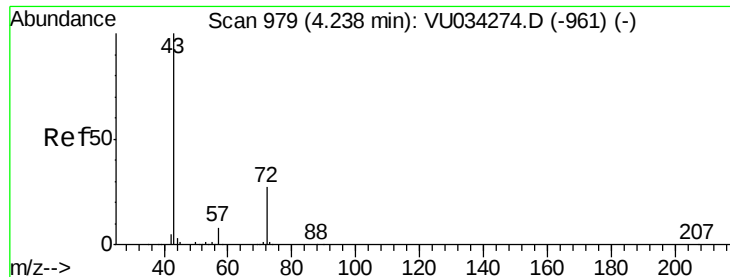


Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 97.90 (97.60 to 98.60): VU0

Ion 99.90 (99.60 to 100.60): VU0





#25

2-Butanone

Concen: 100.878 ug/l

RT: 4.24 min Scan# 980

Delta R.T. 0.00 min

Lab File: VU034282.D

Acq: 05 Sep 2019 14:35

Instrument :

MSVOA_U

ClientSampleId :

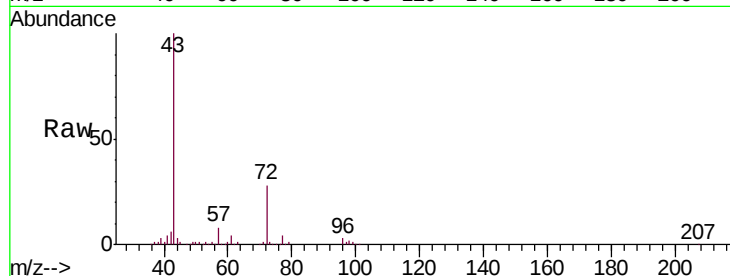
VU0906WBSD01

Tgt Ion: 43 Resp: 350646

Ion Ratio Lower Upper

43 100

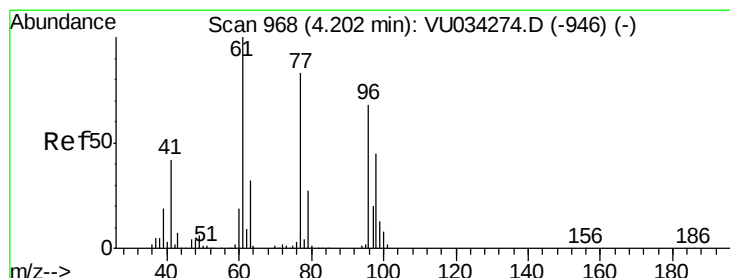
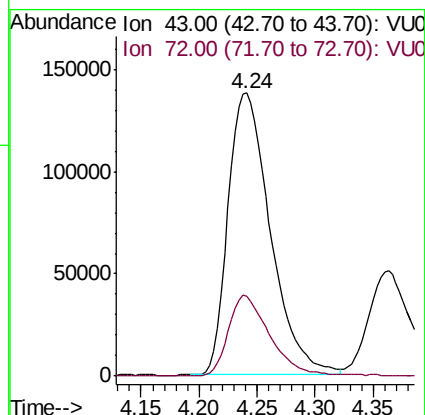
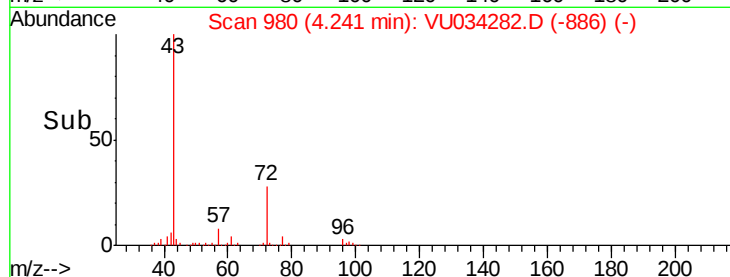
72 28.2 21.8 32.6



Abundance Ion 43.00 (42.70 to 43.70): VU034274.D (-961) (-)

Ion 72.00 (71.70 to 72.70): VU034274.D (-961) (-)

Time-->



#26

2,2-Dichloropropane

Concen: 19.147 ug/l

RT: 4.21 min Scan# 969

Delta R.T. 0.00 min

Lab File: VU034282.D

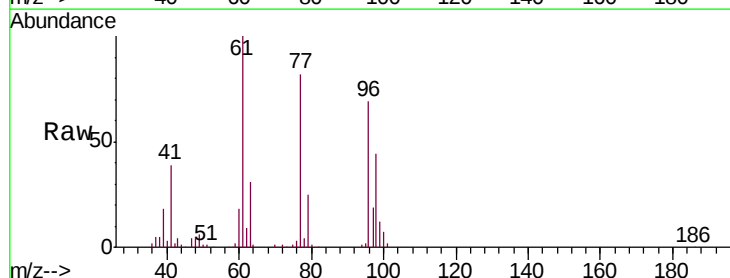
Acq: 05 Sep 2019 14:35

Tgt Ion: 77 Resp: 124061

Ion Ratio Lower Upper

77 100

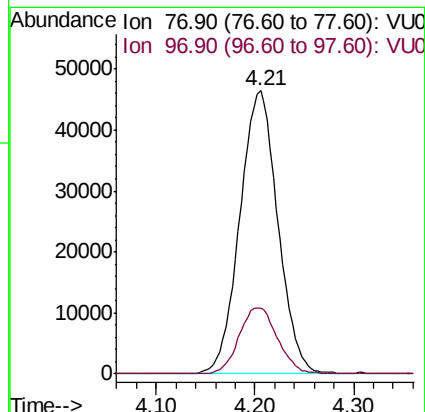
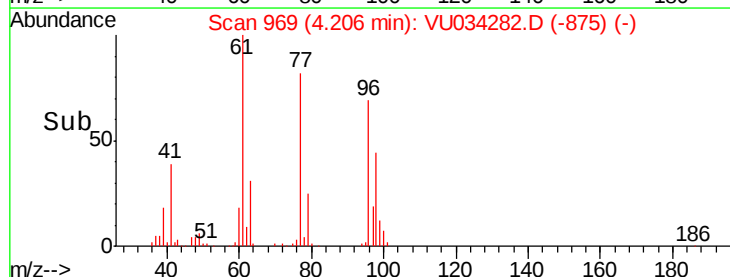
97 23.6 11.8 35.3

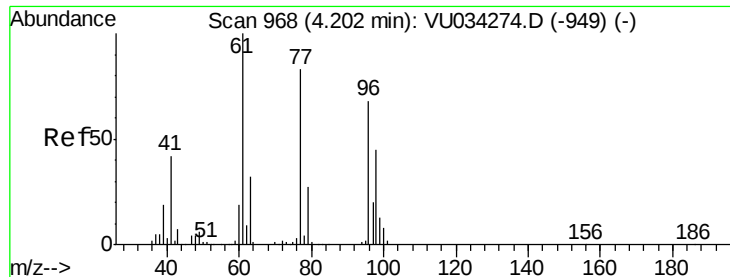


Abundance Ion 76.90 (76.60 to 77.60): VU034274.D (-946) (-)

Ion 96.90 (96.60 to 97.60): VU034274.D (-946) (-)

Time-->



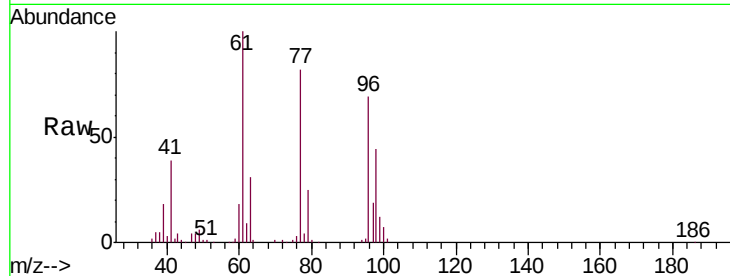


#27

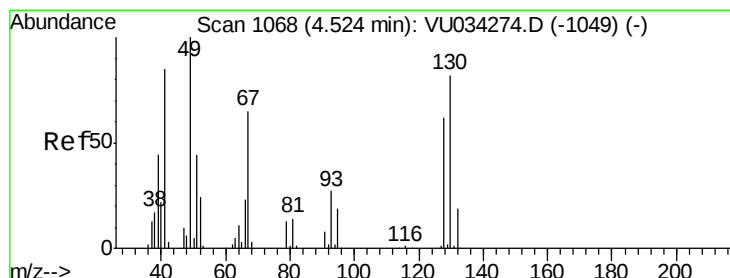
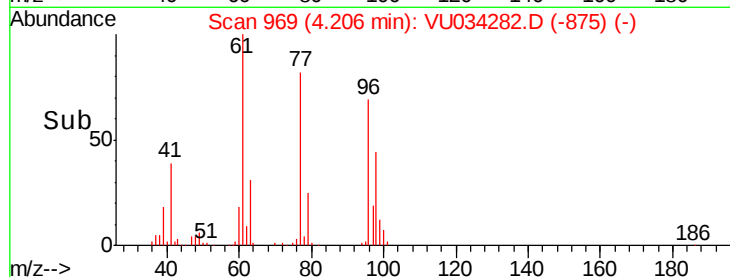
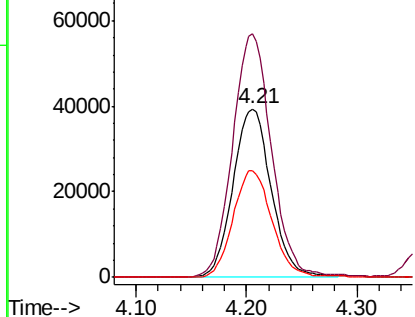
cis-1,2-Dichloroethene
Concen: 20.410 ug/l
RT: 4.21 min Scan# 969
Delta R.T. 0.00 min
Lab File: VU034282.D
Acq: 05 Sep 2019 14:35

Instrument :
MSVOA_U
ClientSampleId :
VU0906WBSD01

Tgt Ion: 96 Resp: 94521
Ion Ratio Lower Upper
96 100
61 147.8 0.0 297.4
98 64.5 0.0 130.0



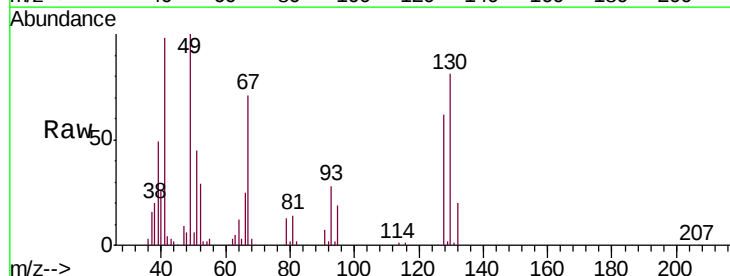
Abundance Ion 95.90 (95.60 to 96.60): VU0
Ion 60.90 (60.60 to 61.60): VU0
Ion 97.90 (97.60 to 98.60): VU0



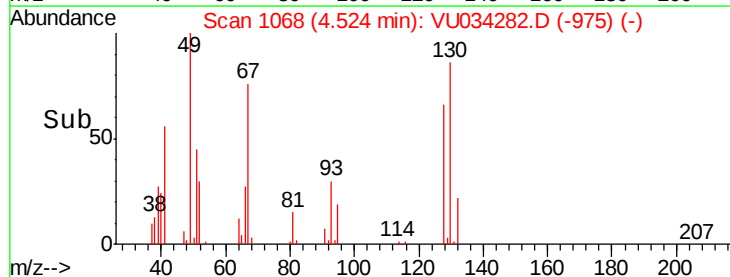
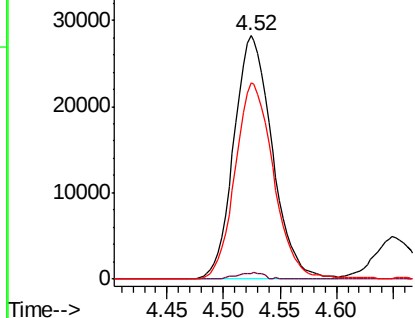
#28

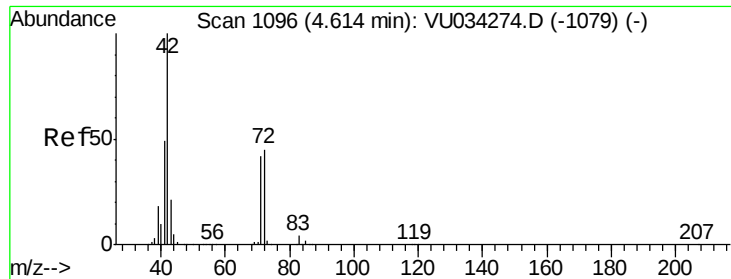
Bromochloromethane
Concen: 17.998 ug/l
RT: 4.52 min Scan# 1068
Delta R.T. 0.00 min
Lab File: VU034282.D
Acq: 05 Sep 2019 14:35

Tgt Ion: 49 Resp: 66693
Ion Ratio Lower Upper
49 100
129 1.8 0.0 3.8
130 80.6 65.2 97.8



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

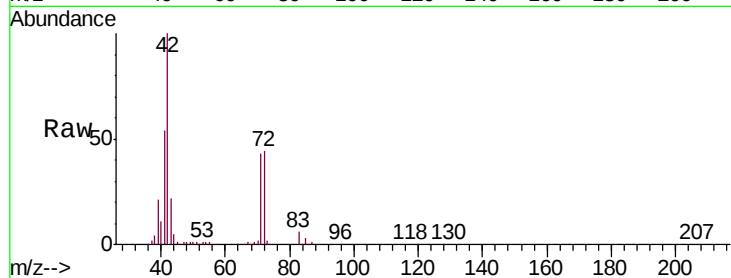




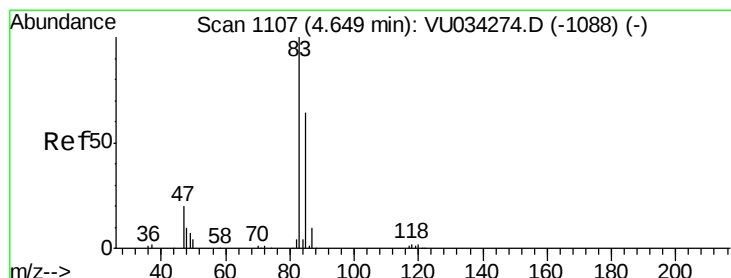
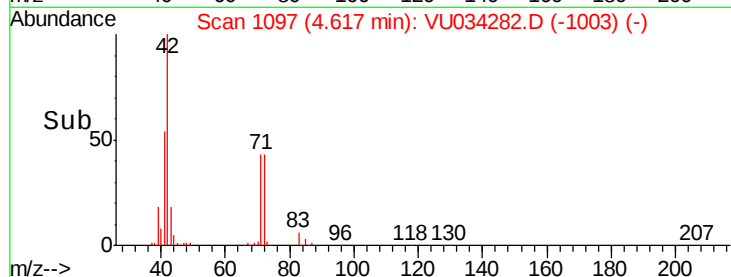
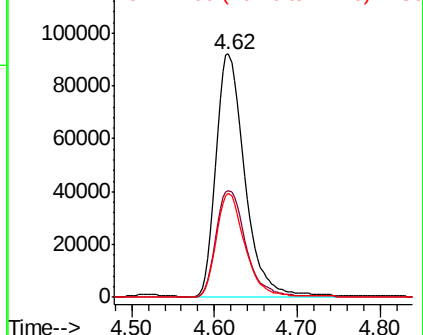
#29
Tetrahydrofuran
Concen: 105.201 ug/l
RT: 4.62 min Scan# 1097
Delta R.T. 0.00 min
Lab File: VU034282.D
Acq: 05 Sep 2019 14:35

Instrument :
MSVOA_U
ClientSampleId :
VU0906WBSD01

Tgt Ion: 42 Resp: 222514
Ion Ratio Lower Upper
42 100
72 46.0 36.6 54.8
71 42.3 34.3 51.5

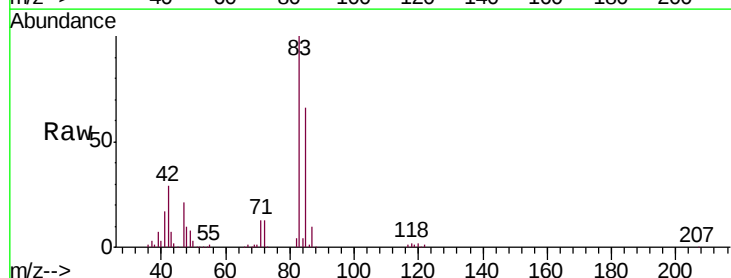


Abundance Ion 42.00 (41.70 to 42.70): VU0
Ion 72.00 (71.70 to 72.70): VU0
Ion 71.00 (70.70 to 71.70): VU0

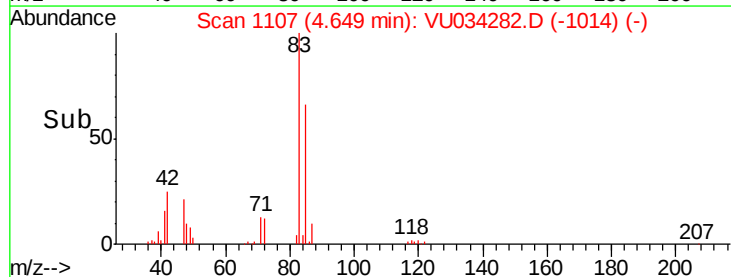
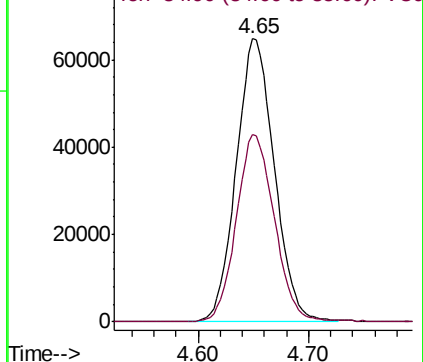


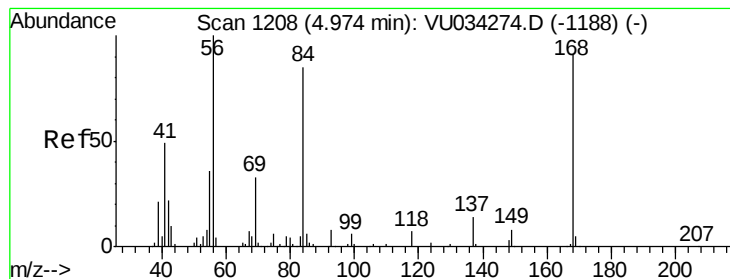
#30
Chloroform
Concen: 18.952 ug/l
RT: 4.65 min Scan# 1107
Delta R.T. 0.00 min
Lab File: VU034282.D
Acq: 05 Sep 2019 14:35

Tgt Ion: 83 Resp: 155198
Ion Ratio Lower Upper
83 100
85 66.2 51.5 77.3



Abundance Ion 82.90 (82.60 to 83.60): VU0
Ion 84.90 (84.60 to 85.60): VU0





#31

Cyclohexane

Concen: 19.897 ug/l

RT: 4.97 min Scan# 1208

Delta R.T. 0.00 min

Lab File: VU034282.D

Acq: 05 Sep 2019 14:35

Instrument :

MSVOA_U

ClientSampleId :

VU0906WBSD01

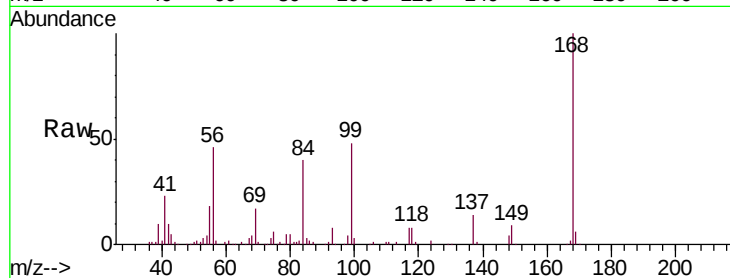
Tgt Ion: 56 Resp: 117268

Ion Ratio Lower Upper

56 100

69 36.2 26.7 40.1

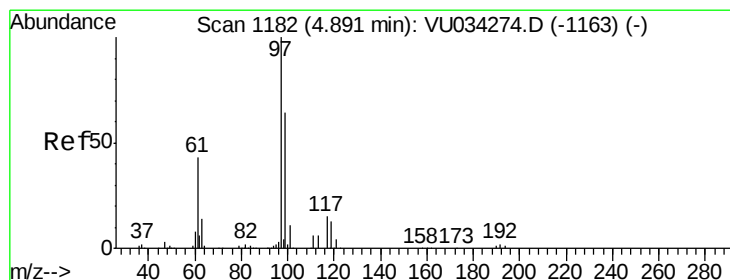
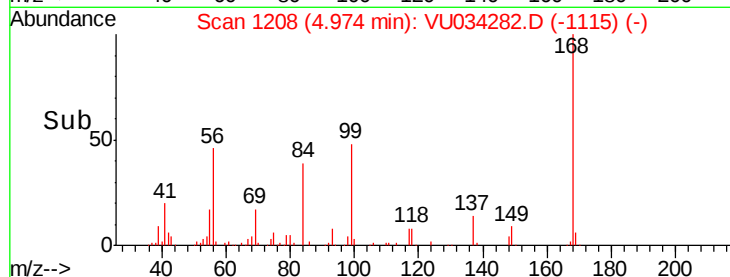
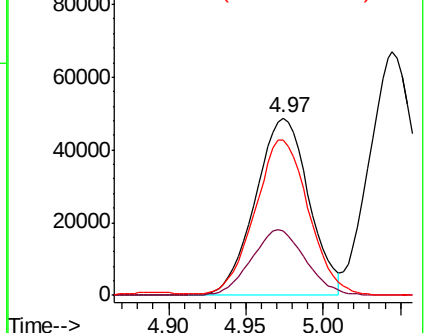
84 86.6 68.2 102.4



Abundance Ion 56.00 (55.70 to 56.70): VU0

Ion 69.00 (68.70 to 69.70): VU0

Ion 84.00 (83.70 to 84.70): VU0



#32

1,1,1-Trichloroethane

Concen: 19.415 ug/l

RT: 4.89 min Scan# 1183

Delta R.T. 0.00 min

Lab File: VU034282.D

Acq: 05 Sep 2019 14:35

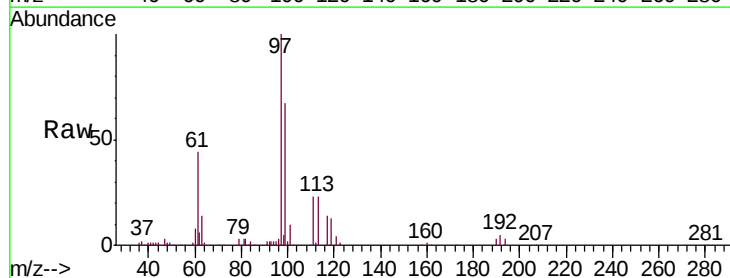
Tgt Ion: 97 Resp: 127117

Ion Ratio Lower Upper

97 100

99 64.6 50.9 76.3

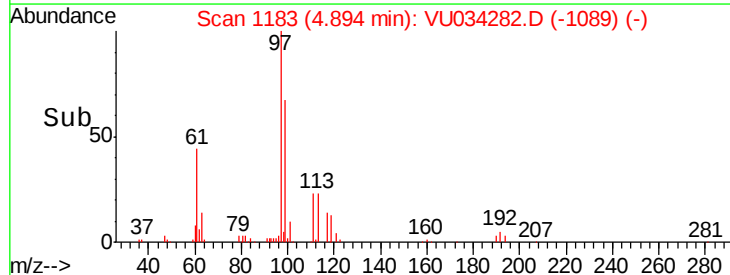
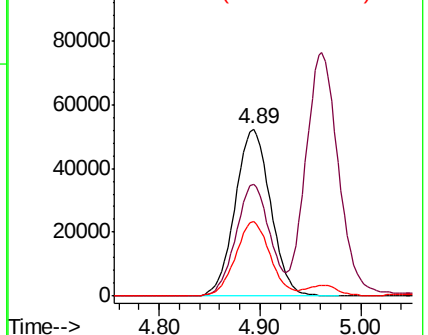
61 43.7 34.7 52.1

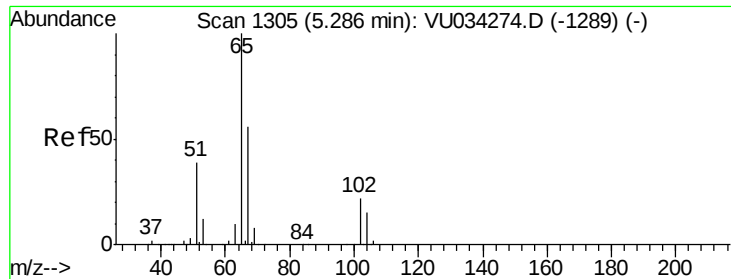


Abundance Ion 96.90 (96.60 to 97.60): VU0

Ion 98.90 (98.60 to 99.60): VU0

Ion 60.90 (60.60 to 61.60): VU0

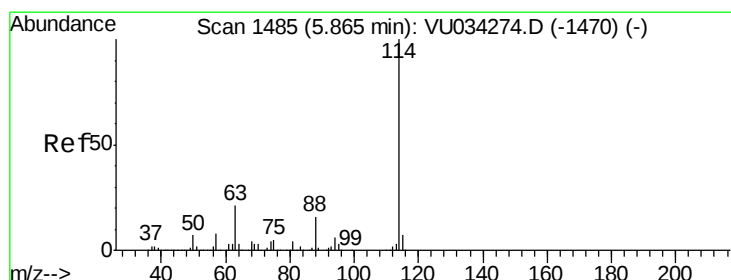
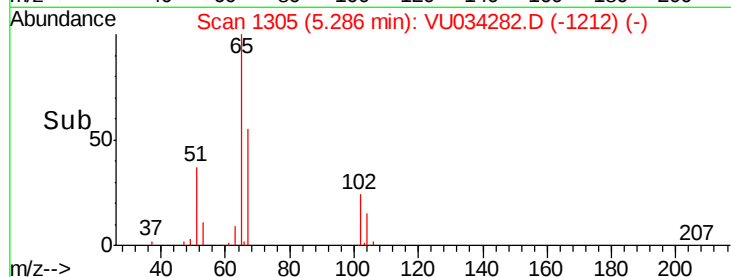
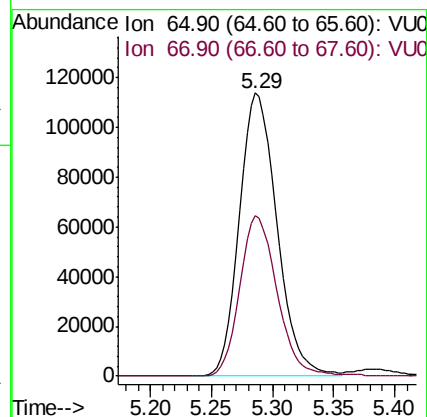
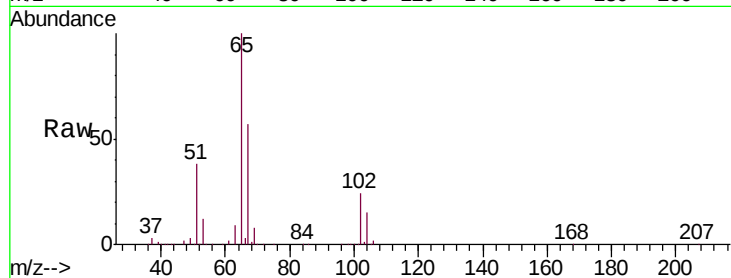




#33
 1,2-Dichloroethane-d4
 Concen: 48.408 ug/l
 RT: 5.29 min Scan# 1305
 Delta R.T. 0.00 min
 Lab File: VU034282.D
 Acq: 05 Sep 2019 14:35

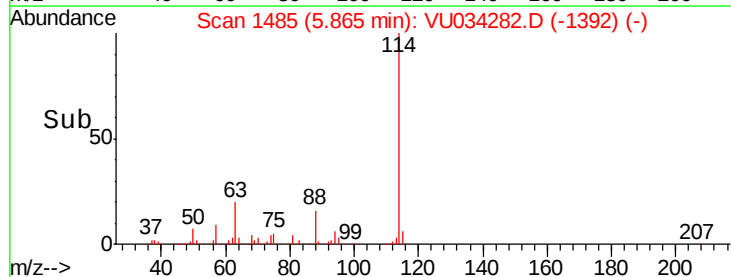
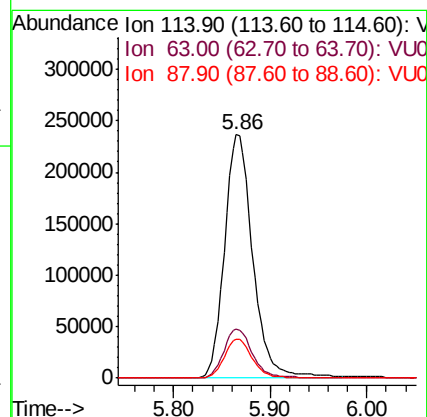
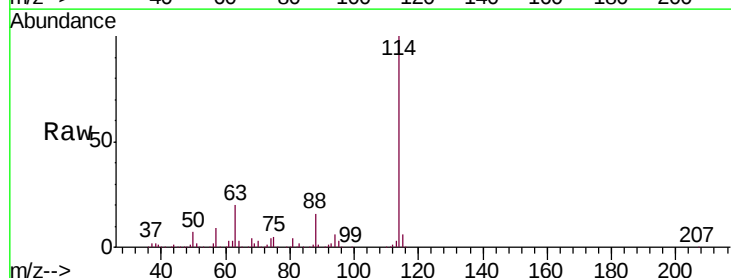
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0906WBSD01

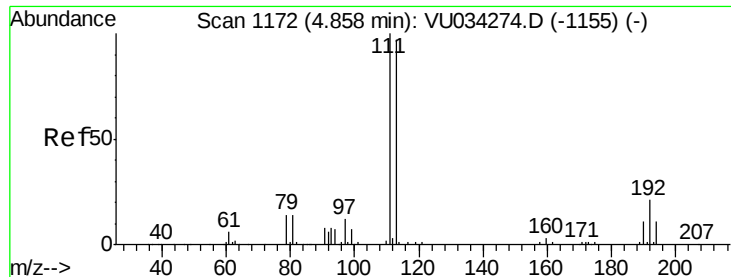
Tgt Ion: 65 Resp: 243580
 Ion Ratio Lower Upper
 65 100
 67 56.4 0.0 112.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.86 min Scan# 1485
 Delta R.T. 0.00 min
 Lab File: VU034282.D
 Acq: 05 Sep 2019 14:35

Tgt Ion: 114 Resp: 480662
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 42.4
 88 16.0 0.0 32.4

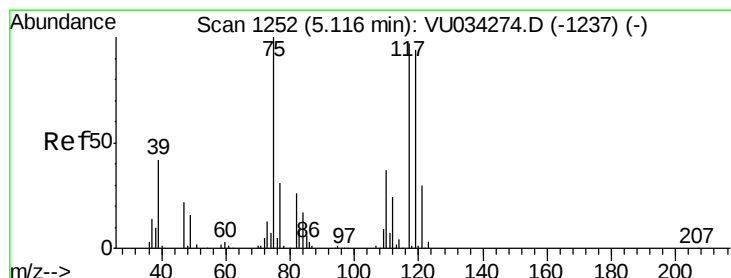
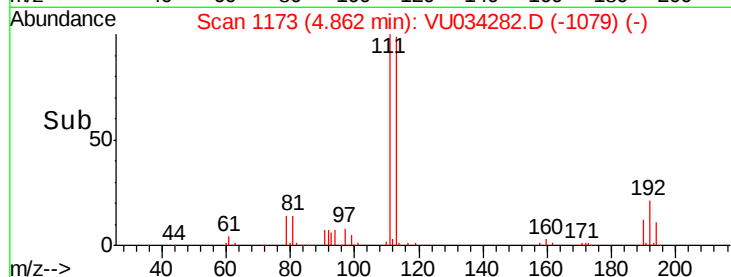
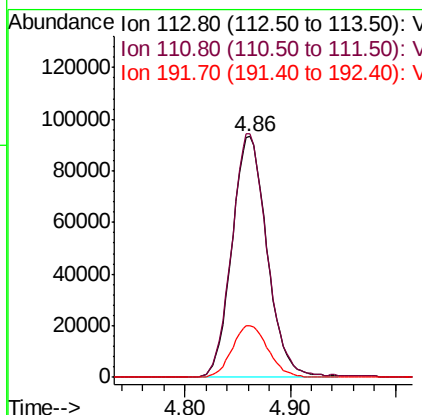
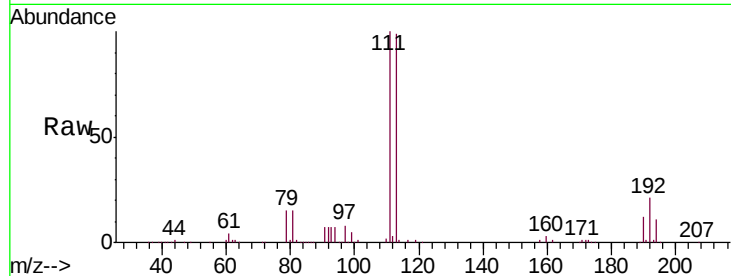




#35
 Dibromofluoromethane
 Concen: 48.149 ug/l
 RT: 4.86 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: VU034282.D
 Acq: 05 Sep 2019 14:35

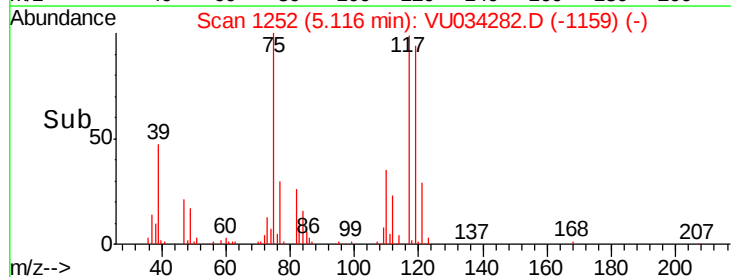
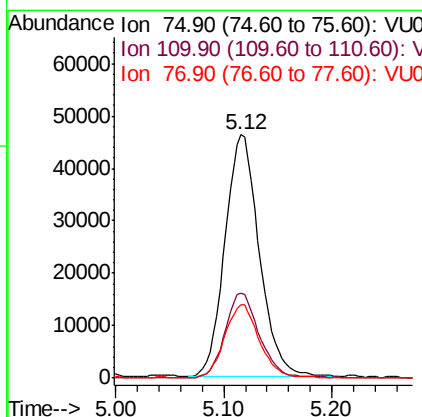
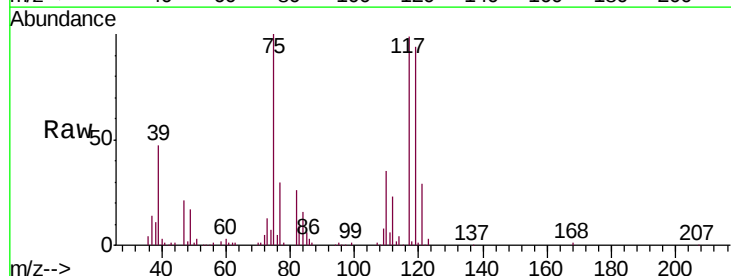
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0906WBSD01

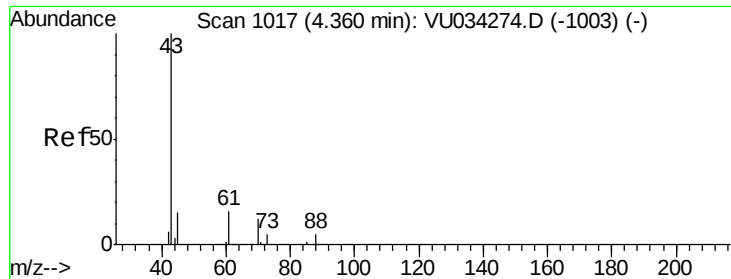
Tgt Ion	Ratio	Lower	Upper
113	100		
111	100.8	81.5	122.3
192	22.0	17.8	26.8



#36
 1,1-Dichloropropene
 Concen: 19.685 ug/l
 RT: 5.12 min Scan# 1252
 Delta R.T. 0.00 min
 Lab File: VU034282.D
 Acq: 05 Sep 2019 14:35

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.2	18.3	54.9
77	30.8	24.9	37.3

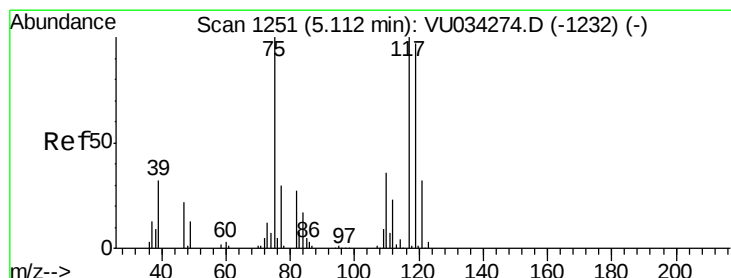
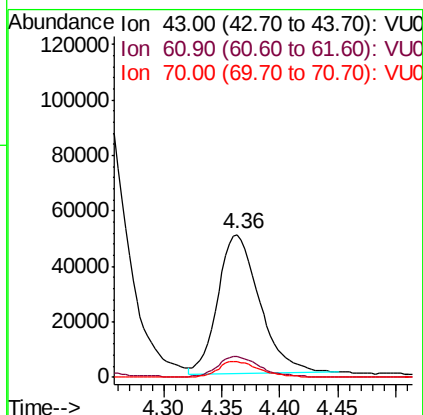
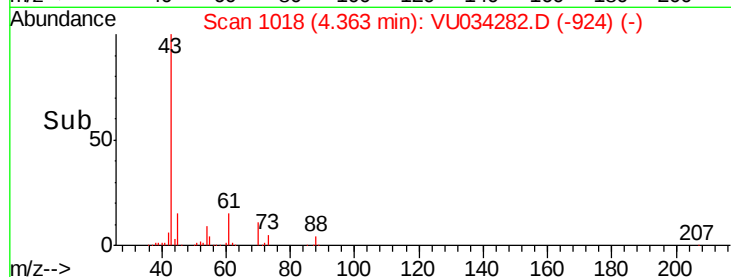
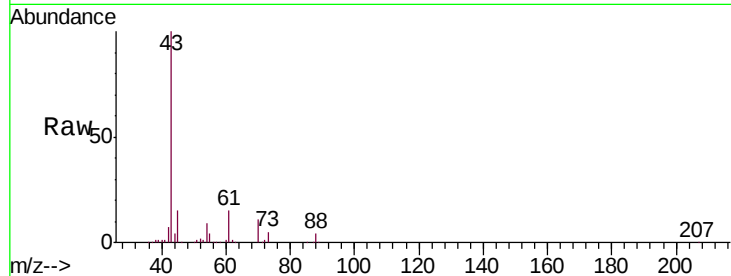




#37
 Ethyl Acetate
 Concen: 20.271 ug/l
 RT: 4.36 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: VU034282.D
 Acq: 05 Sep 2019 14:35

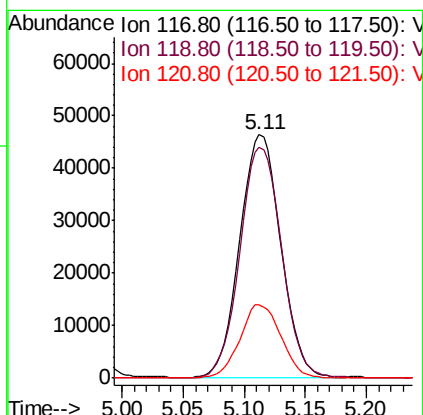
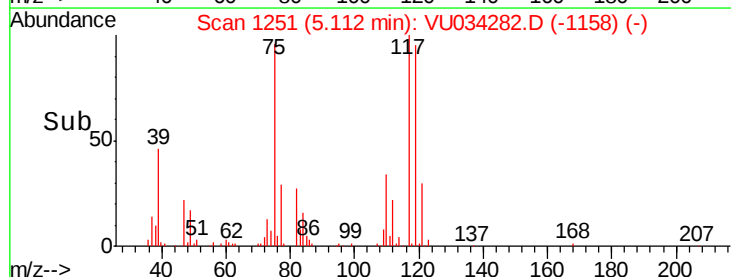
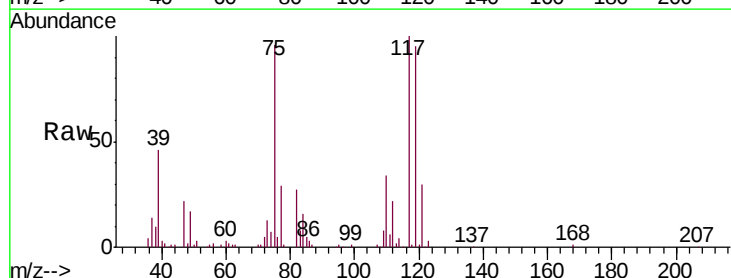
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0906WBSD01

Tgt Ion: 43 Resp: 124938
 Ion Ratio Lower Upper
 43 100
 61 14.5 12.3 18.5
 70 11.4 9.1 13.7



#38
 Carbon Tetrachloride
 Concen: 19.278 ug/l
 RT: 5.11 min Scan# 1251
 Delta R.T. 0.00 min
 Lab File: VU034282.D
 Acq: 05 Sep 2019 14:35

Tgt Ion: 117 Resp: 107299
 Ion Ratio Lower Upper
 117 100
 119 95.3 77.8 116.6
 121 30.1 25.2 37.8

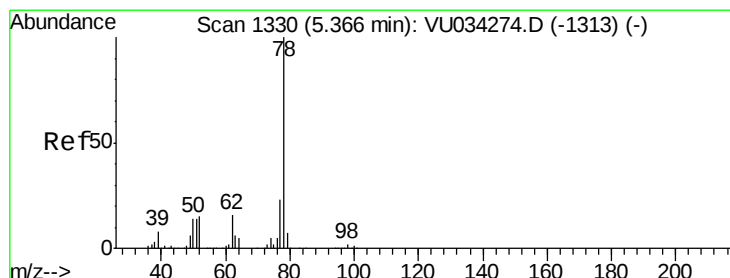
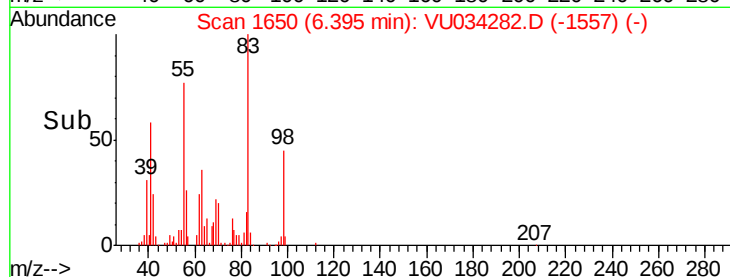
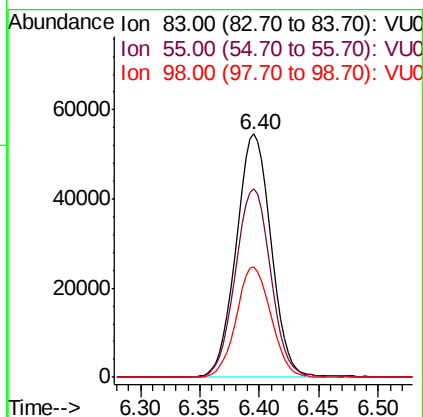
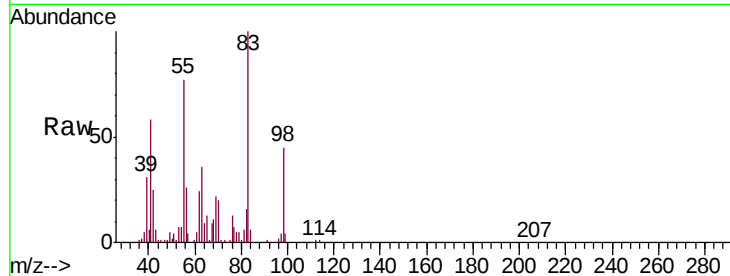




#39
Methylcyclohexane
Concen: 20.005 ug/l
RT: 6.40 min Scan# 1650
Delta R.T. 0.00 min
Lab File: VU034282.D
Acq: 05 Sep 2019 14:35

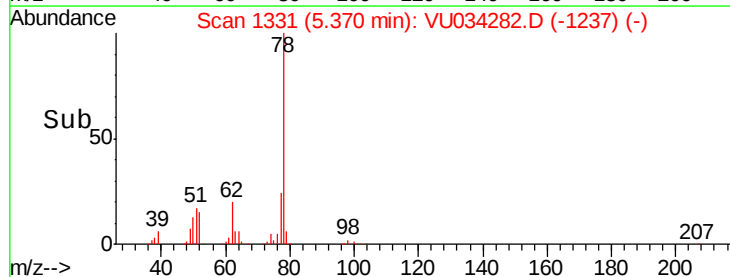
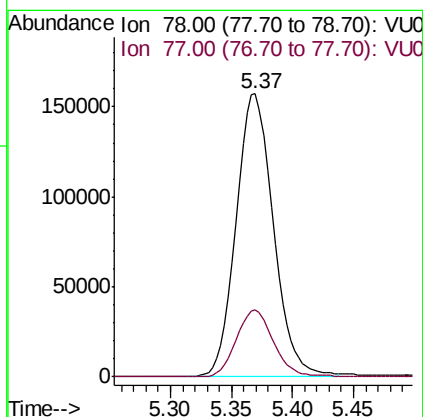
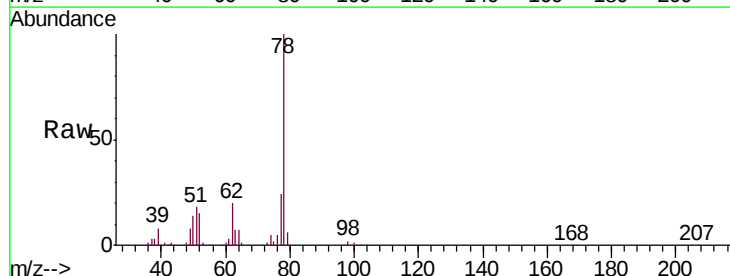
Instrument :
MSVOA_U
ClientSampleId :
VU0906WBSD01

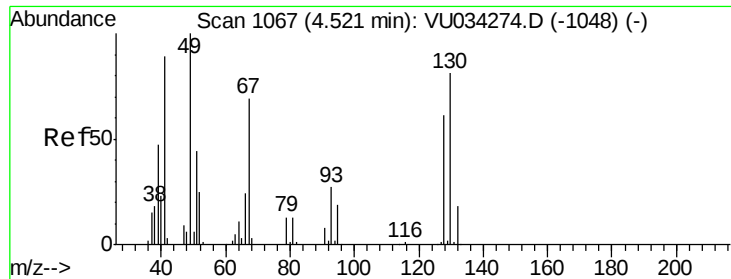
Tgt Ion: 83 Resp: 111477
Ion Ratio Lower Upper
83 100
55 77.3 62.1 93.1
98 45.3 37.0 55.6



#40
Benzene
Concen: 19.826 ug/l
RT: 5.37 min Scan# 1331
Delta R.T. 0.00 min
Lab File: VU034282.D
Acq: 05 Sep 2019 14:35

Tgt Ion: 78 Resp: 333486
Ion Ratio Lower Upper
78 100
77 23.8 18.7 28.1

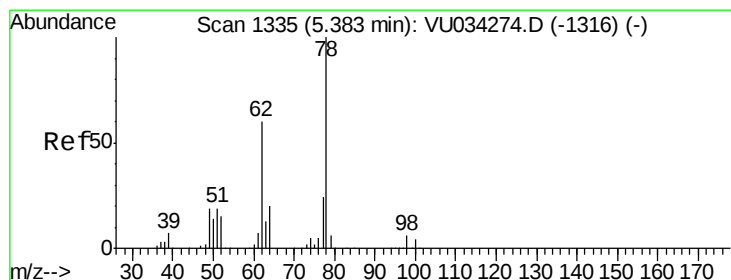
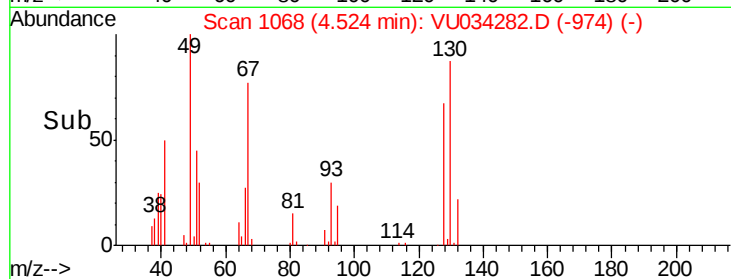
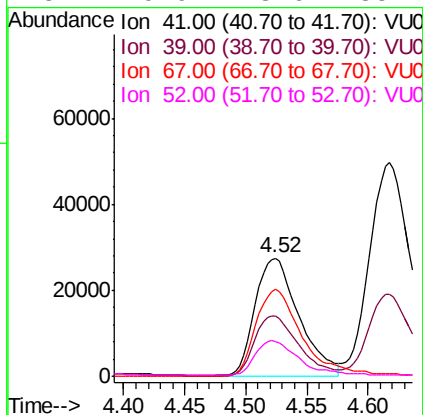
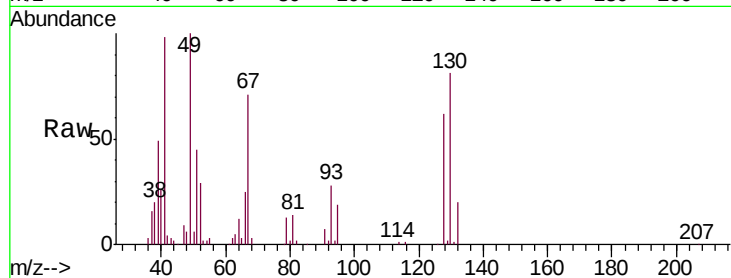




#41
Methacrylonitrile
Concen: 20.986 ug/l
RT: 4.52 min Scan# 1068
Delta R.T. 0.00 min
Lab File: VU034282.D
Acq: 05 Sep 2019 14:35

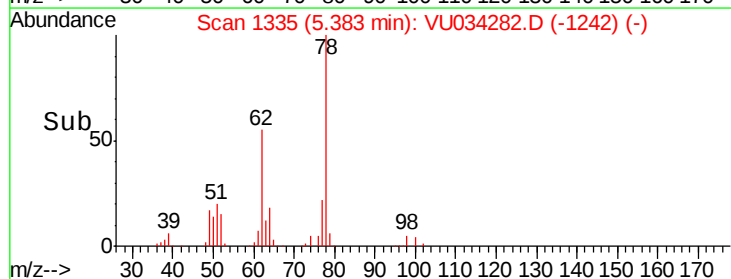
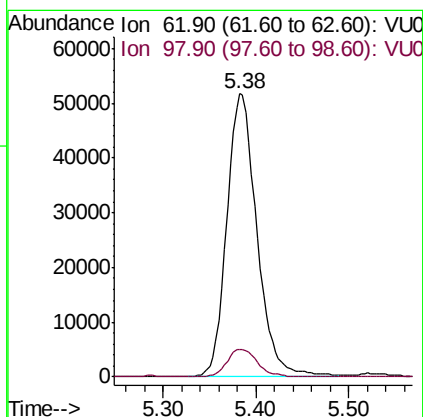
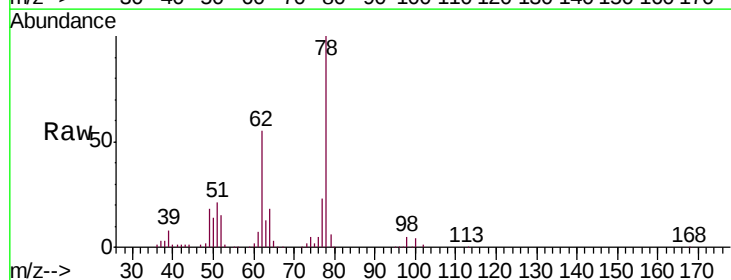
Instrument :
MSVOA_U
ClientSampleId :
VU0906WBSD01

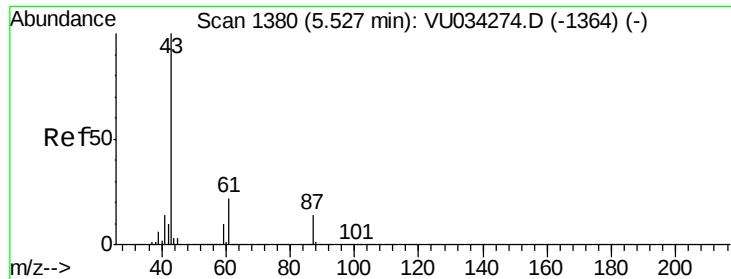
Tgt Ion:	41	Resp:	68895
Ion	Ratio	Lower	Upper
41	100		
39	51.9	41.0	61.4
67	76.4	62.4	93.6
52	29.9	23.6	35.4



#42
1,2-Dichloroethane
Concen: 19.979 ug/l
RT: 5.38 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VU034282.D
Acq: 05 Sep 2019 14:35

Tgt Ion:	62	Resp:	116677
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	20.0

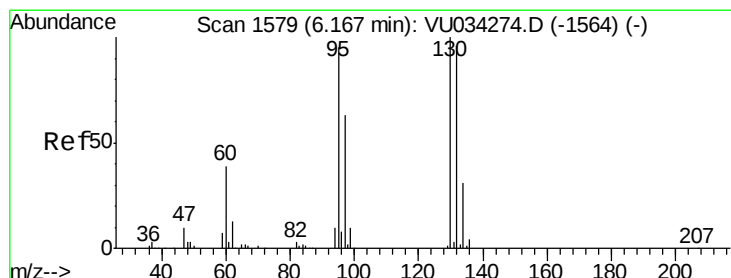
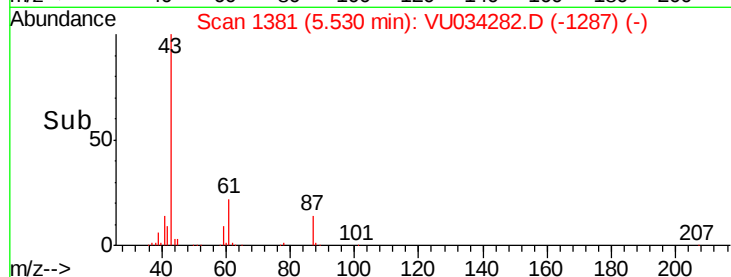
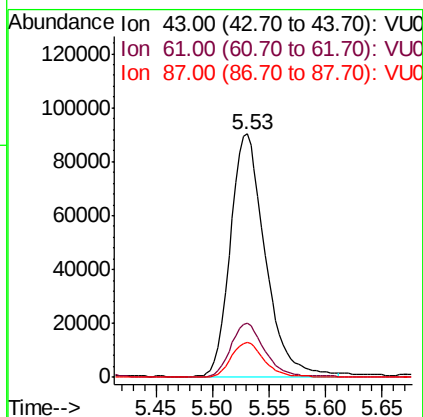
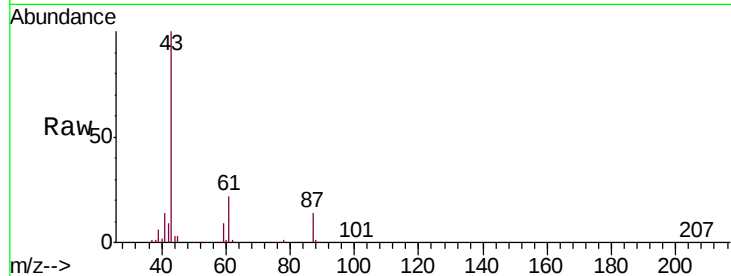




#43
Isopropyl Acetate
Concen: 20.009 ug/l
RT: 5.53 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VU034282.D
Acq: 05 Sep 2019 14:35

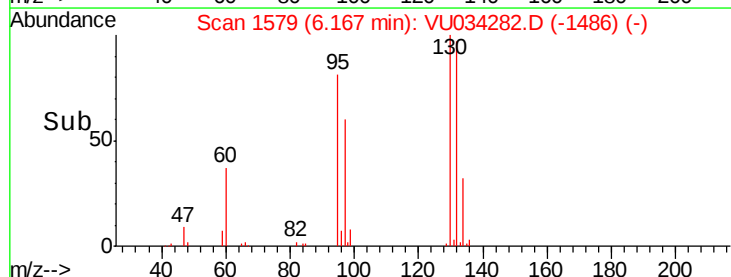
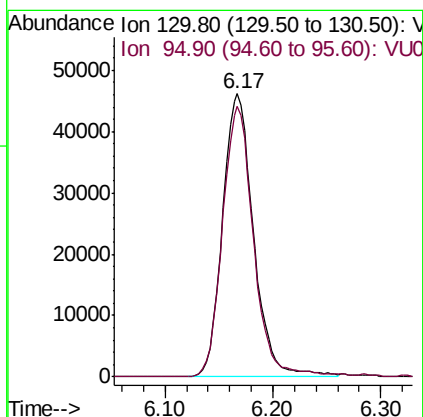
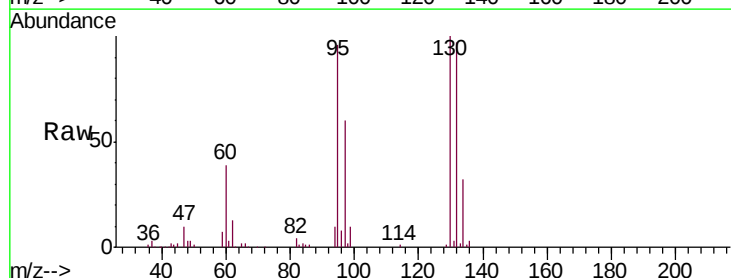
Instrument :
MSVOA_U
ClientSampleId :
VU0906WBSD01

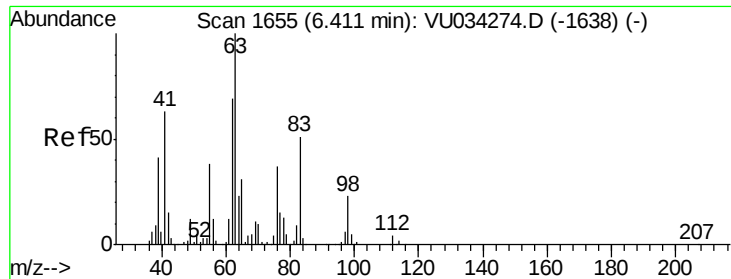
Tgt Ion: 43 Resp: 192374
Ion Ratio Lower Upper
43 100
61 21.6 17.1 25.7
87 13.9 11.1 16.7



#44
Trichloroethene
Concen: 19.821 ug/l
RT: 6.17 min Scan# 1579
Delta R.T. 0.00 min
Lab File: VU034282.D
Acq: 05 Sep 2019 14:35

Tgt Ion: 130 Resp: 92260
Ion Ratio Lower Upper
130 100
95 95.7 0.0 189.2

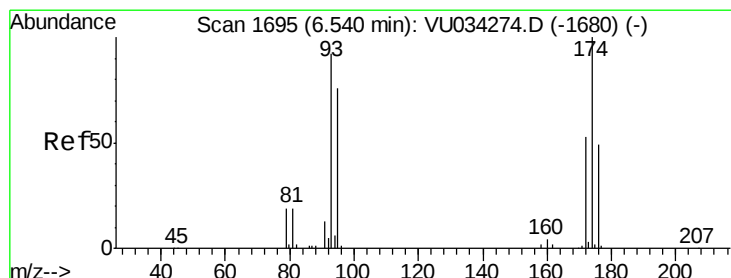
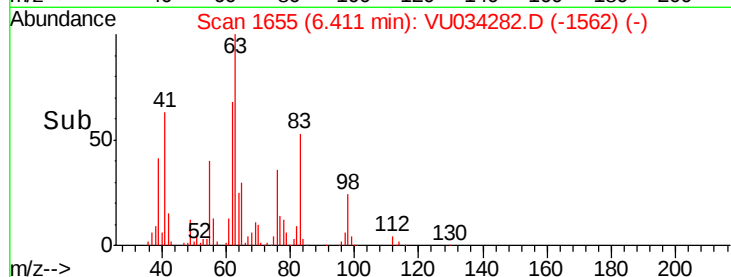
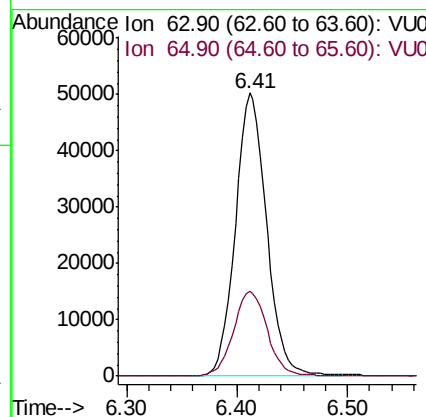
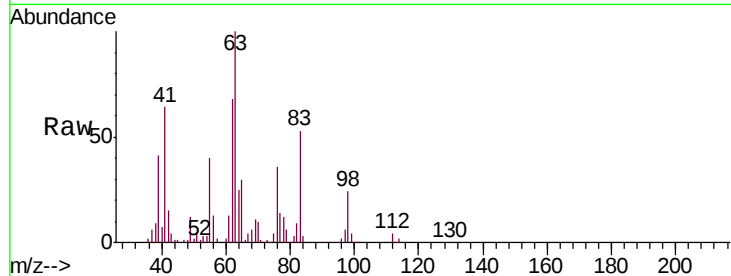




#45
 1,2-Dichloropropane
 Concen: 20.059 ug/l
 RT: 6.41 min Scan# 1655
 Delta R.T. 0.00 min
 Lab File: VU034282.D
 Acq: 05 Sep 2019 14:35

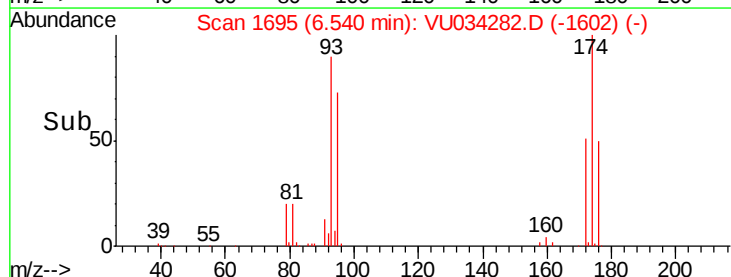
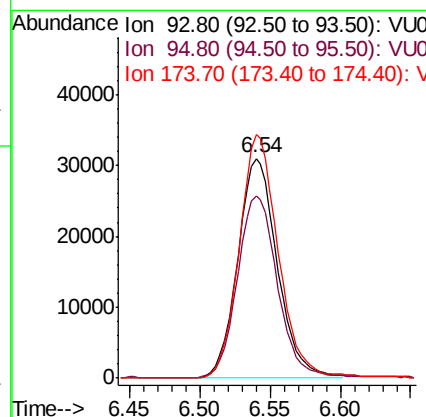
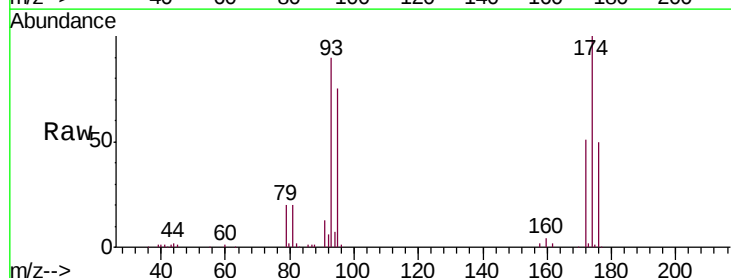
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0906WBSD01

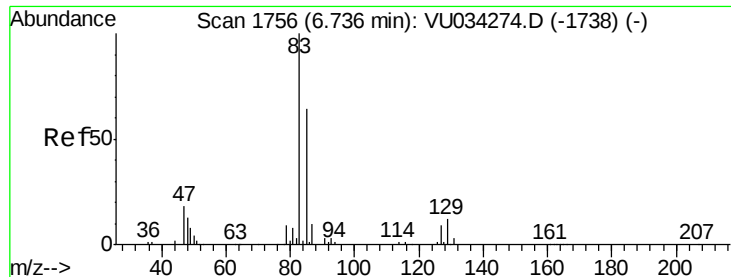
Tgt Ion: 63 Resp: 98639
 Ion Ratio Lower Upper
 63 100
 65 29.9 24.6 37.0



#46
 Dibromomethane
 Concen: 19.693 ug/l
 RT: 6.54 min Scan# 1695
 Delta R.T. 0.00 min
 Lab File: VU034282.D
 Acq: 05 Sep 2019 14:35

Tgt Ion: 93 Resp: 60786
 Ion Ratio Lower Upper
 93 100
 95 84.3 66.5 99.7
 174 108.7 87.8 131.6

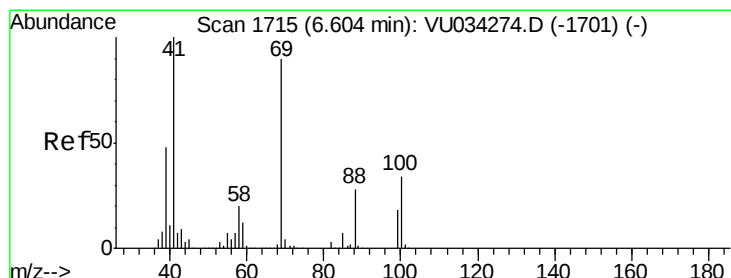
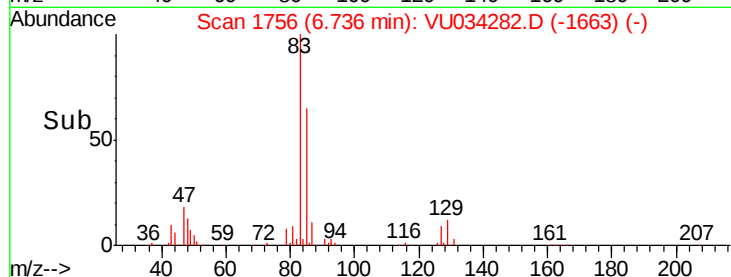
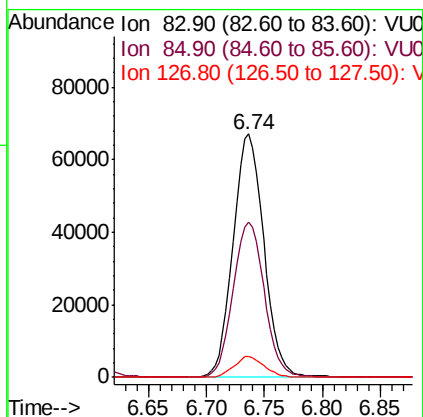
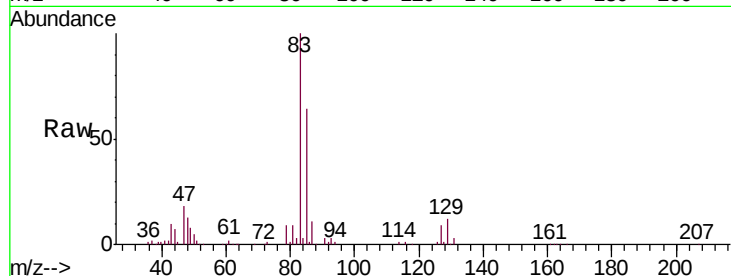




#47
 Bromodichloromethane
 Concen: 19.405 ug/l
 RT: 6.74 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: VU034282.D
 Acq: 05 Sep 2019 14:35

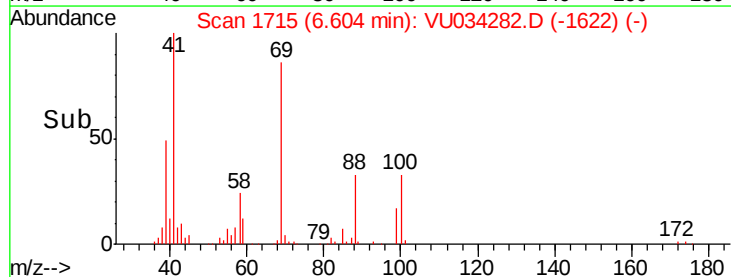
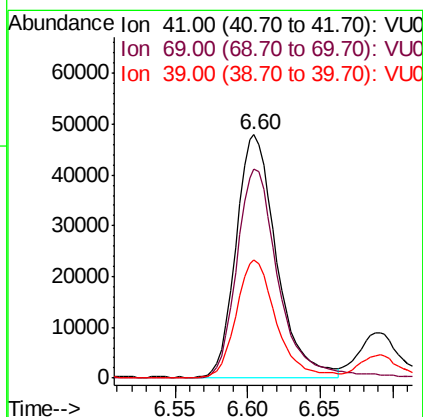
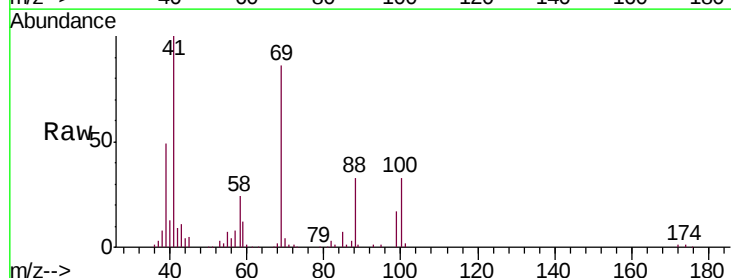
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0906WBSD01

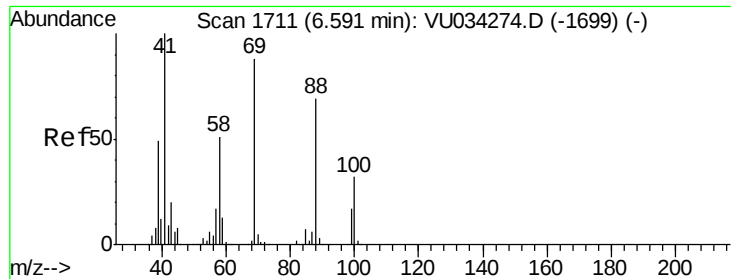
Tgt Ion: 83 Resp: 123292
 Ion Ratio Lower Upper
 83 100
 85 63.7 51.1 76.7
 127 8.7 7.2 10.8



#48
 Methyl methacrylate
 Concen: 20.254 ug/l
 RT: 6.60 min Scan# 1715
 Delta R.T. 0.00 min
 Lab File: VU034282.D
 Acq: 05 Sep 2019 14:35

Tgt Ion: 41 Resp: 92491
 Ion Ratio Lower Upper
 41 100
 69 89.5 72.8 109.2
 39 47.6 38.6 58.0

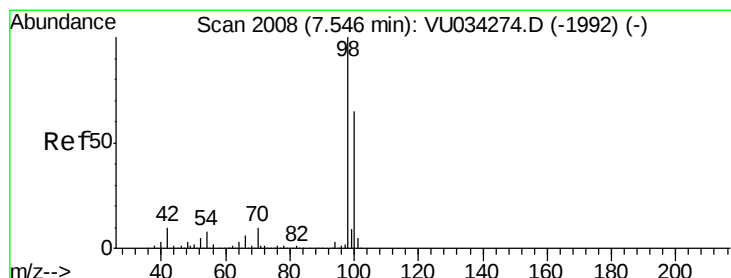
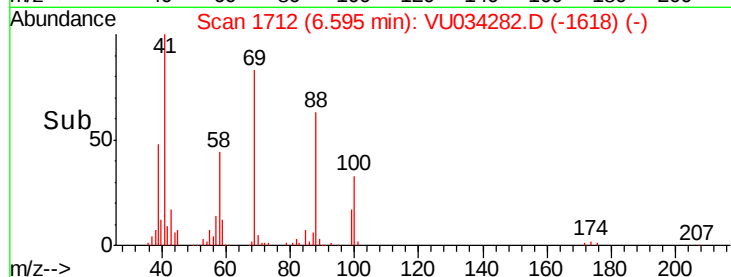
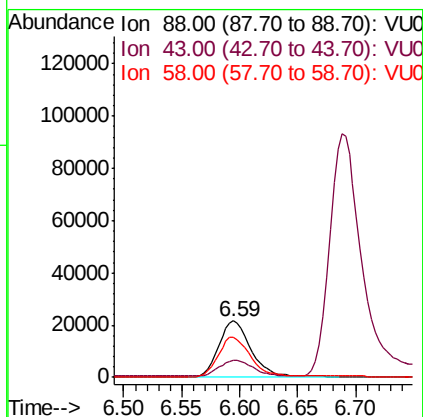
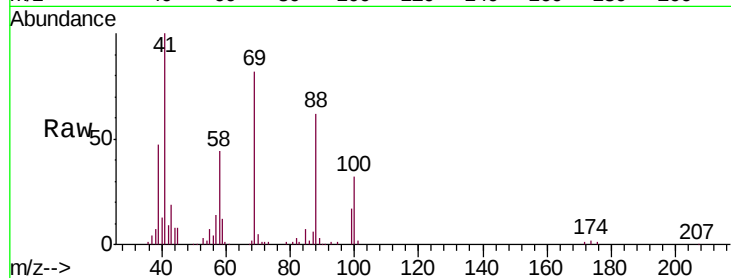




#49
 1,4-Dioxane
 Concen: 420.681 ug/l
 RT: 6.59 min Scan# 1712
 Delta R.T. 0.00 min
 Lab File: VU034282.D
 Acq: 05 Sep 2019 14:35

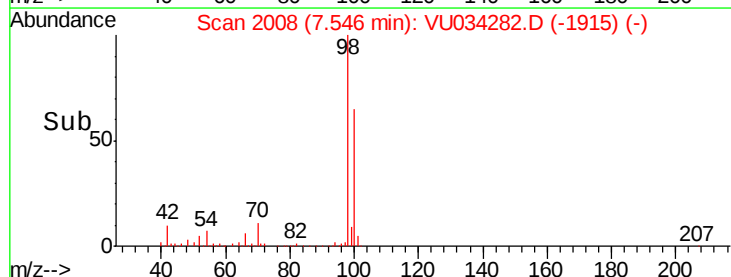
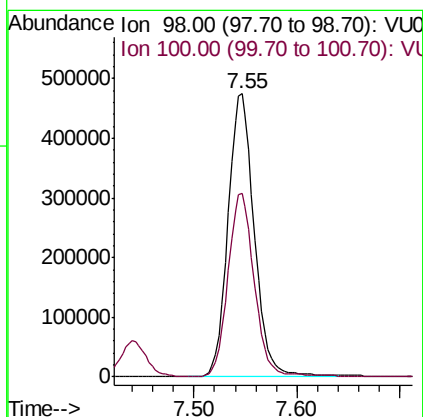
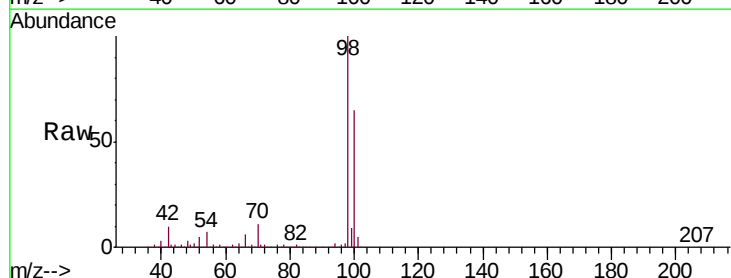
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0906WBSD01

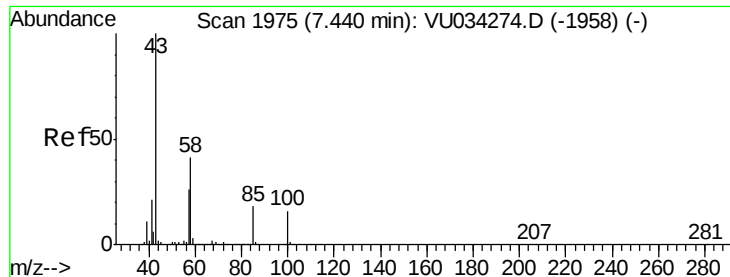
Tgt Ion: 88 Resp: 41949
 Ion Ratio Lower Upper
 88 100
 43 29.5 23.8 35.6
 58 72.4 58.4 87.6



#50
 Toluene-d8
 Concen: 50.133 ug/l
 RT: 7.55 min Scan# 2008
 Delta R.T. 0.00 min
 Lab File: VU034282.D
 Acq: 05 Sep 2019 14:35

Tgt Ion: 98 Resp: 842409
 Ion Ratio Lower Upper
 98 100
 100 64.7 51.7 77.5

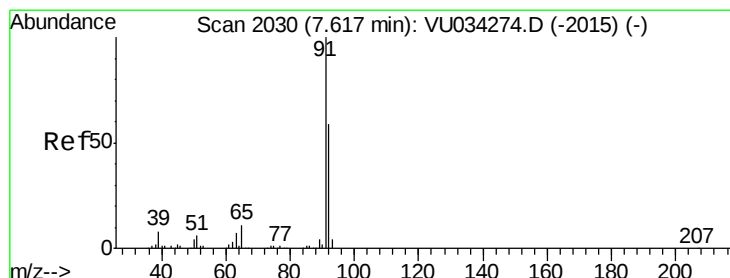
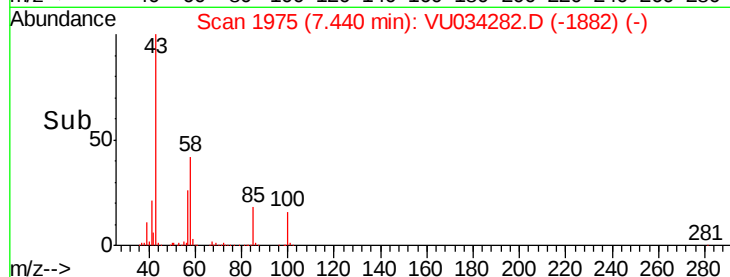
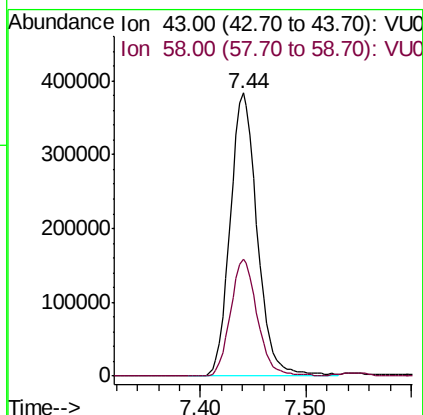
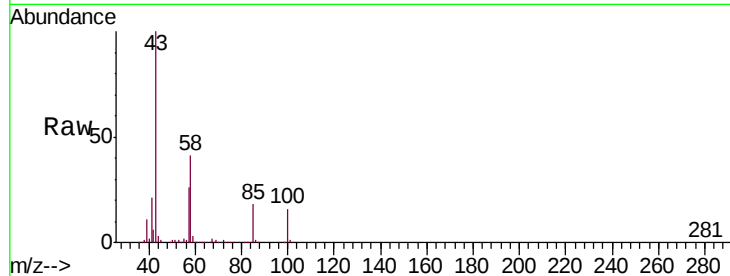




#51
 4-Methyl-2-Pentanone
 Concen: 102.199 ug/l
 RT: 7.44 min Scan# 1975
 Delta R.T. 0.00 min
 Lab File: VU034282.D
 Acq: 05 Sep 2019 14:35

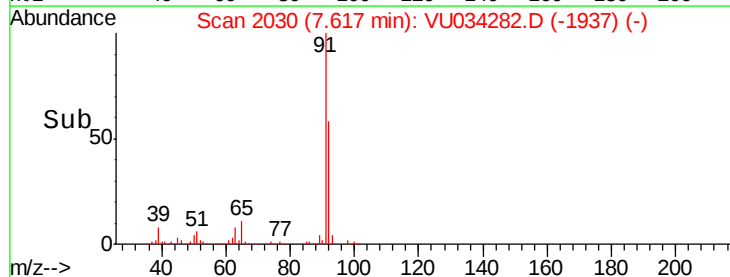
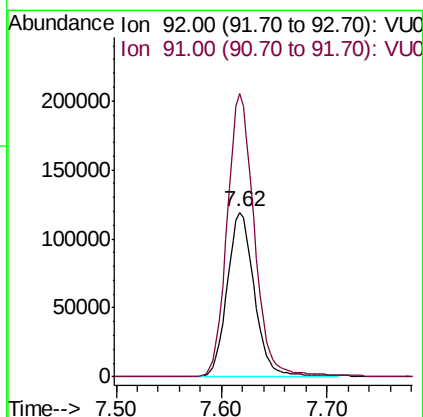
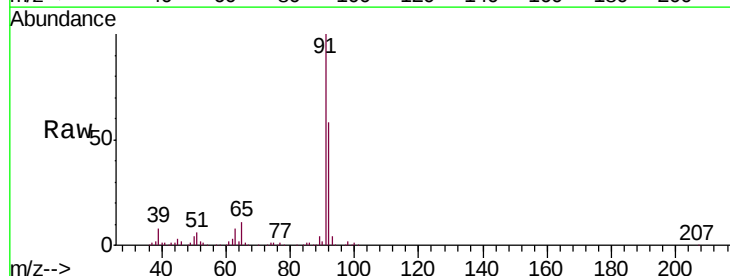
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0906WBSD01

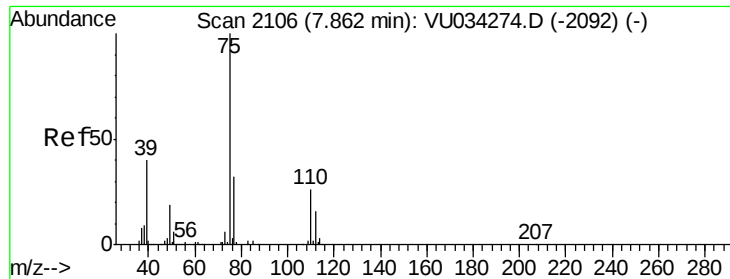
Tgt Ion: 43 Resp: 680154
 Ion Ratio Lower Upper
 43 100
 58 40.9 33.0 49.4



#52
 Toluene
 Concen: 20.234 ug/l
 RT: 7.62 min Scan# 2030
 Delta R.T. 0.00 min
 Lab File: VU034282.D
 Acq: 05 Sep 2019 14:35

Tgt Ion: 92 Resp: 213504
 Ion Ratio Lower Upper
 92 100
 91 172.1 136.6 205.0





#53

t-1,3-Dichloropropene

Concen: 19.430 ug/l

RT: 7.86 min Scan# 2106

Delta R.T. 0.00 min

Lab File: VU034282.D

Acq: 05 Sep 2019 14:35

Instrument :

MSVOA_U

ClientSampleId :

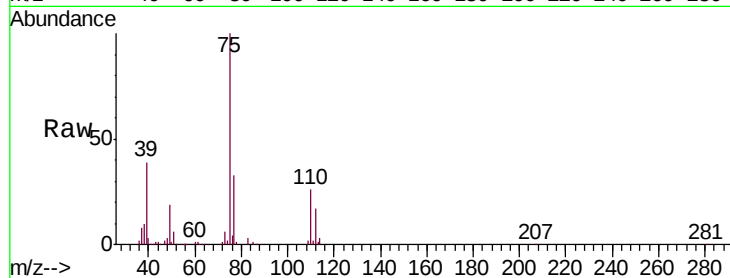
VU0906WBSD01

Tgt Ion: 75 Resp: 127972

Ion Ratio Lower Upper

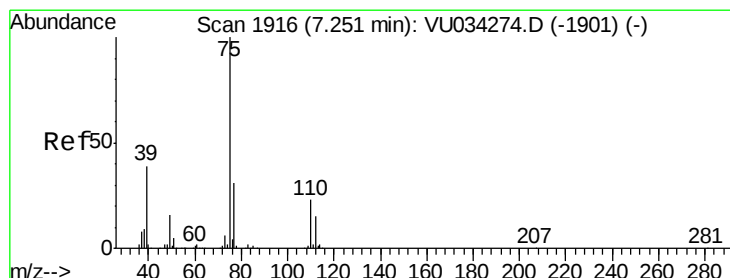
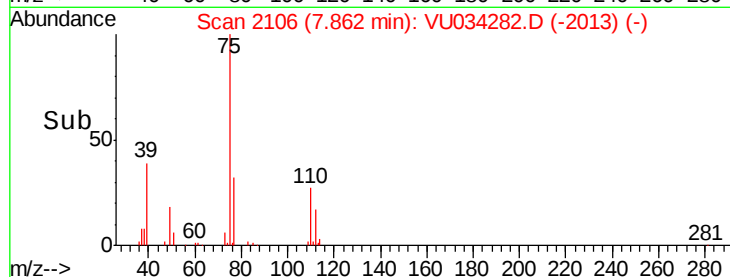
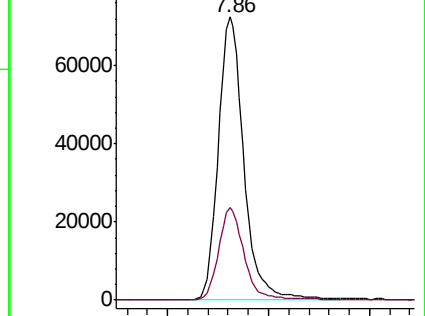
75 100

77 32.6 25.7 38.5



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 76.90 (76.60 to 77.60): VU0



#54

cis-1,3-Dichloropropene

Concen: 19.919 ug/l

RT: 7.25 min Scan# 1916

Delta R.T. 0.00 min

Lab File: VU034282.D

Acq: 05 Sep 2019 14:35

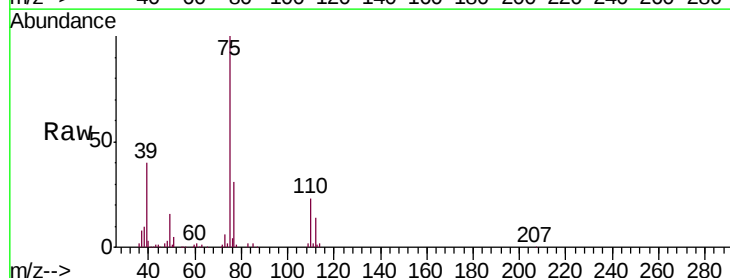
Tgt Ion: 75 Resp: 143987

Ion Ratio Lower Upper

75 100

77 31.4 25.1 37.7

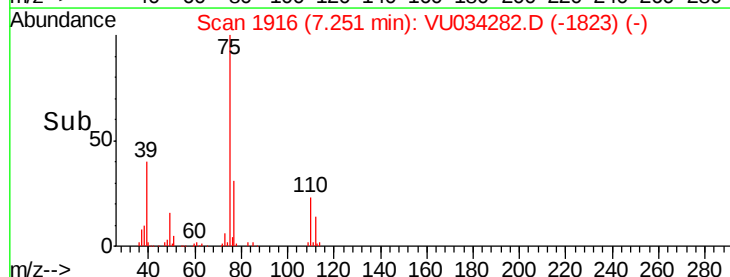
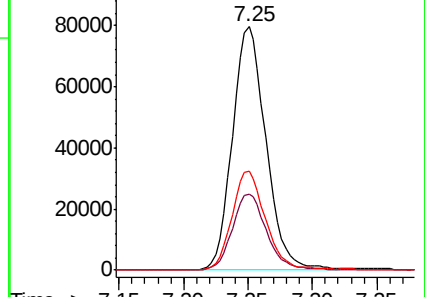
39 40.4 31.2 46.8

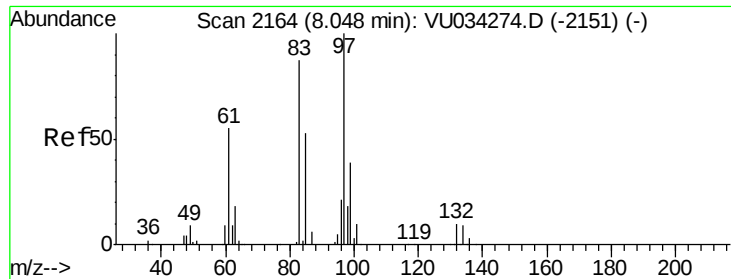


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 76.90 (76.60 to 77.60): VU0

Ion 39.00 (38.70 to 39.70): VU0

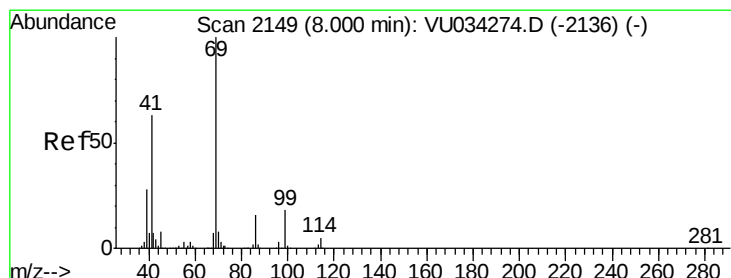
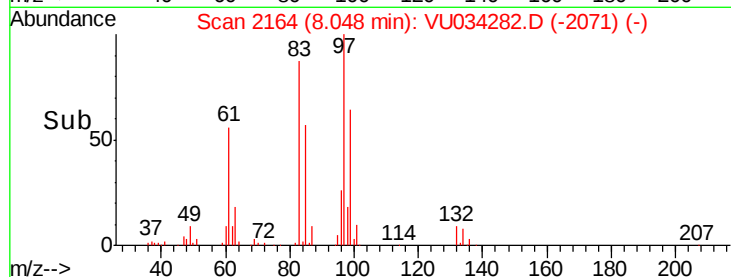
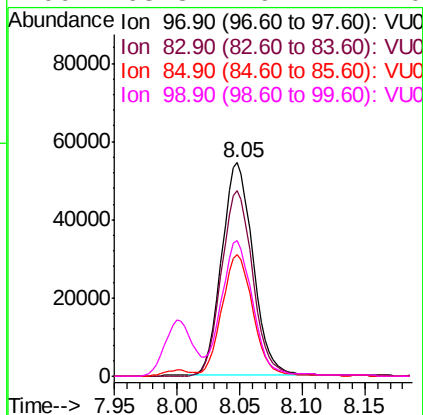
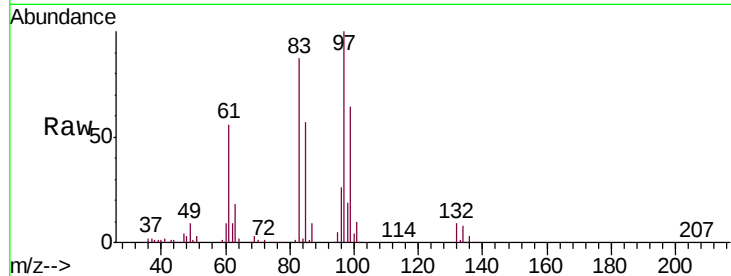




#55
 1,1,2-Trichloroethane
 Concen: 19.704 ug/l
 RT: 8.05 min Scan# 2164
 Delta R.T. 0.00 min
 Lab File: VU034282.D
 Acq: 05 Sep 2019 14:35

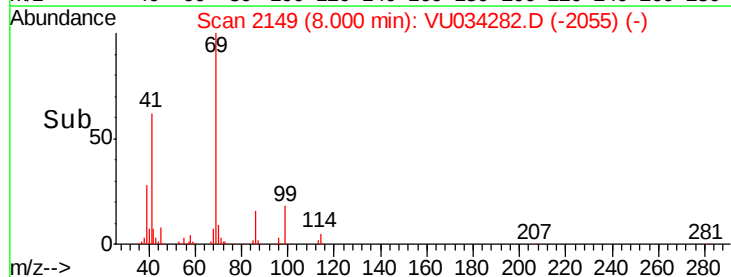
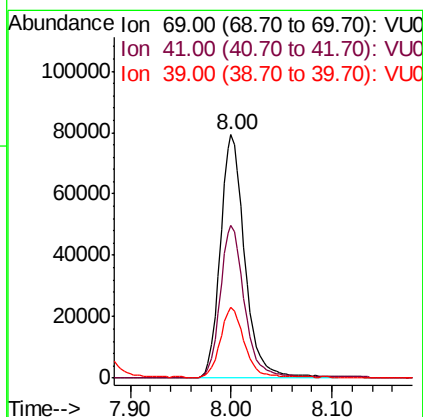
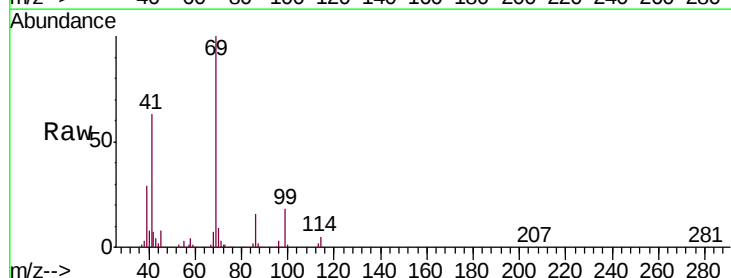
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0906WBSD01

Tgt Ion:	97	Resp:	94406
Ion	Ratio	Lower	Upper
97	100		
83	87.2	69.0	103.6
85	57.1	44.2	66.2
99	63.3	49.4	74.0



#56
 Ethyl methacrylate
 Concen: 20.454 ug/l
 RT: 8.00 min Scan# 2149
 Delta R.T. 0.00 min
 Lab File: VU034282.D
 Acq: 05 Sep 2019 14:35

Tgt Ion:	69	Resp:	134789
Ion	Ratio	Lower	Upper
69	100		
41	62.1	49.5	74.3
39	28.1	22.5	33.7





#57

1,3-Dichloropropane

Concen: 19.714 ug/l

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU034282.D

Acq: 05 Sep 2019 14:35

Instrument :

MSVOA_U

ClientSampleId :

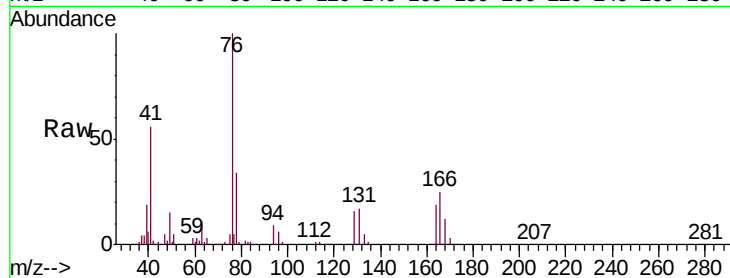
VU0906WBSD01

Tgt Ion: 76 Resp: 153806

Ion Ratio Lower Upper

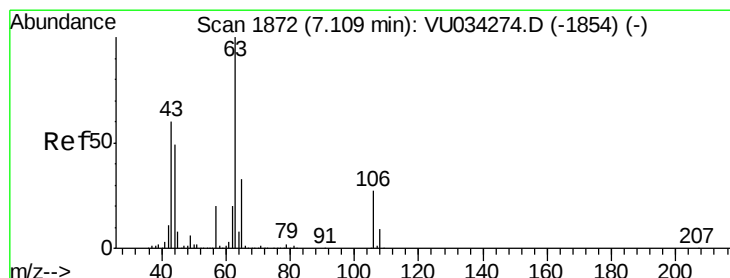
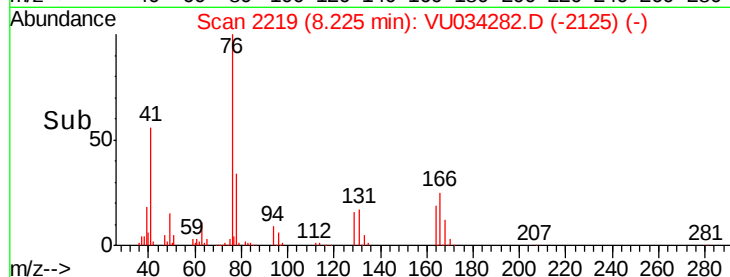
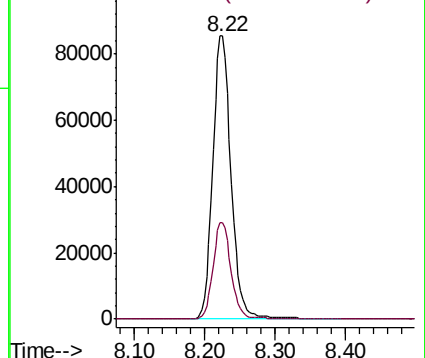
76 100

78 33.4 25.4 38.2



Abundance Ion 75.90 (75.60 to 76.60): VU0

Ion 77.90 (77.60 to 78.60): VU0



#58

2-Chloroethyl Vinyl ether

Concen: 96.519 ug/l

RT: 7.11 min Scan# 1872

Delta R.T. 0.00 min

Lab File: VU034282.D

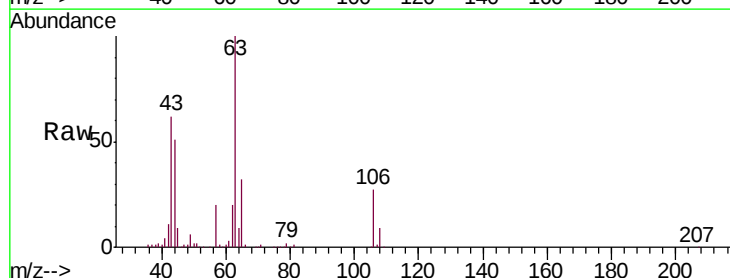
Acq: 05 Sep 2019 14:35

Tgt Ion: 63 Resp: 210790

Ion Ratio Lower Upper

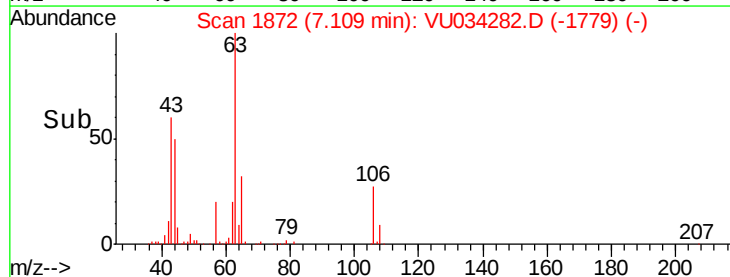
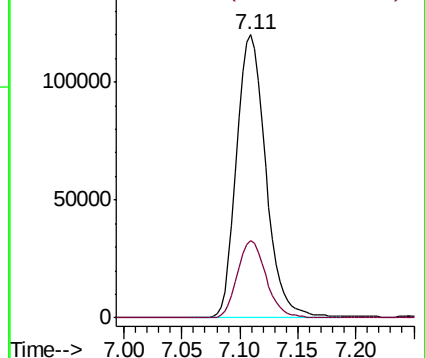
63 100

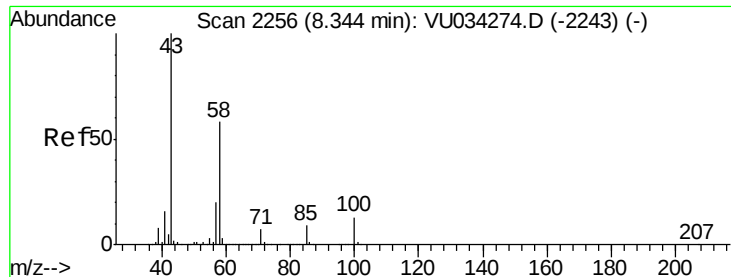
106 26.8 21.6 32.4



Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 105.90 (105.60 to 106.60): V

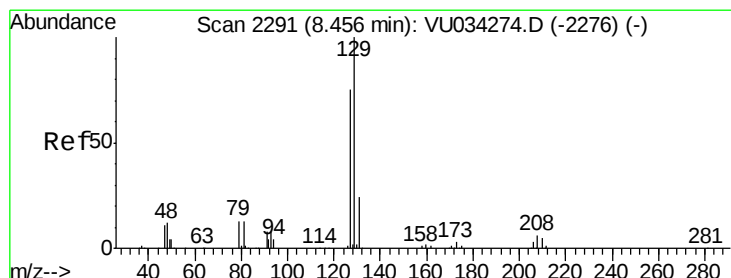
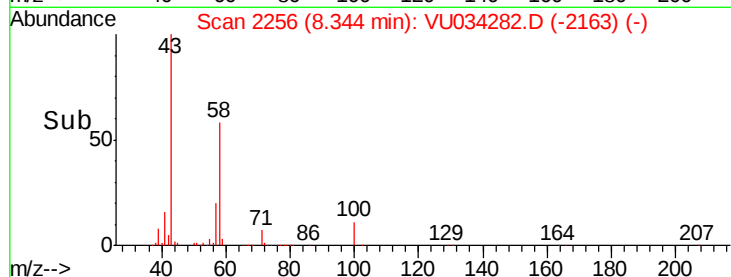
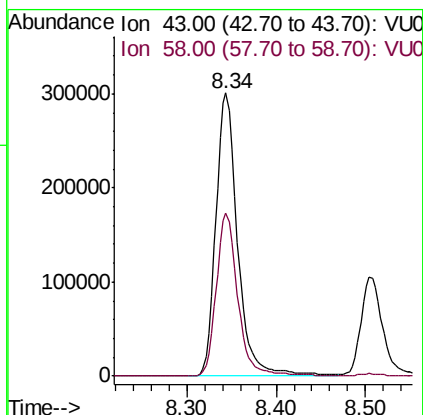
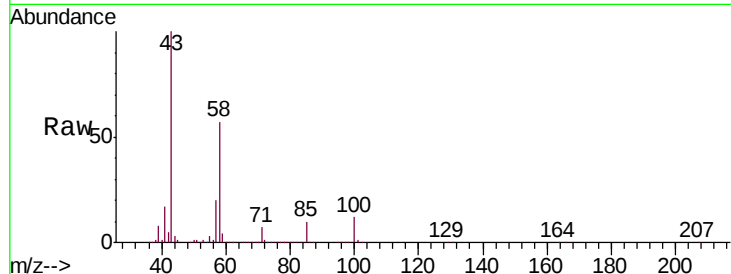




#59
2-Hexanone
Concen: 102.153 ug/l
RT: 8.34 min Scan# 2256
Delta R.T. 0.00 min
Lab File: VU034282.D
Acq: 05 Sep 2019 14:35

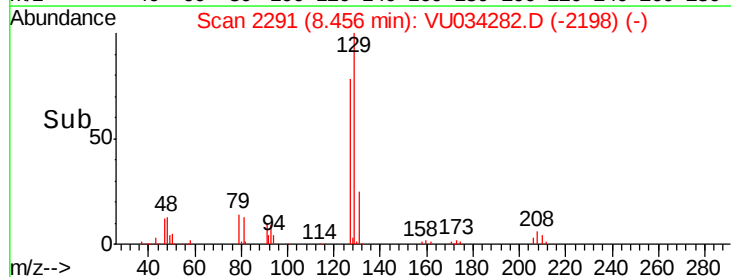
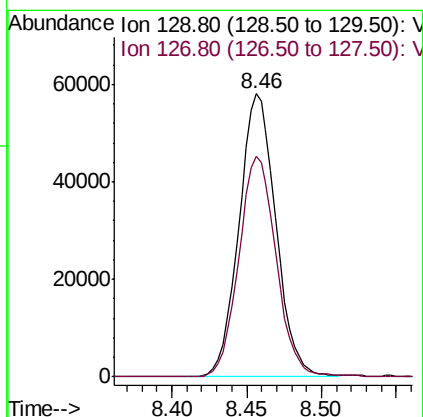
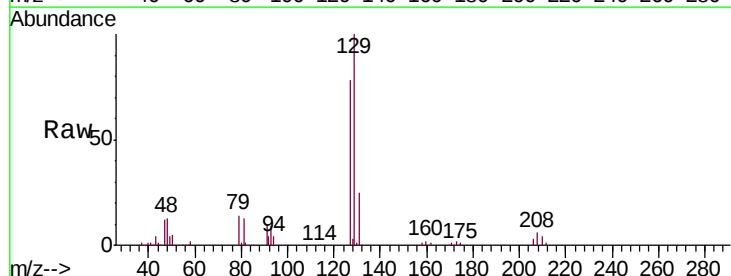
Instrument :
MSVOA_U
ClientSampleId :
VU0906WBSD01

Tgt Ion: 43 Resp: 507883
Ion Ratio Lower Upper
43 100
58 57.3 28.8 86.5



#60
Dibromochloromethane
Concen: 19.380 ug/l
RT: 8.46 min Scan# 2291
Delta R.T. 0.00 min
Lab File: VU034282.D
Acq: 05 Sep 2019 14:35

Tgt Ion: 129 Resp: 99594
Ion Ratio Lower Upper
129 100
127 79.2 37.9 113.7





#61

1,2-Dibromoethane

Concen: 19.782 ug/l

RT: 8.57 min Scan# 2325

Delta R.T. 0.00 min

Lab File: VU034282.D

Acq: 05 Sep 2019 14:35

Instrument :

MSVOA_U

ClientSampleId :

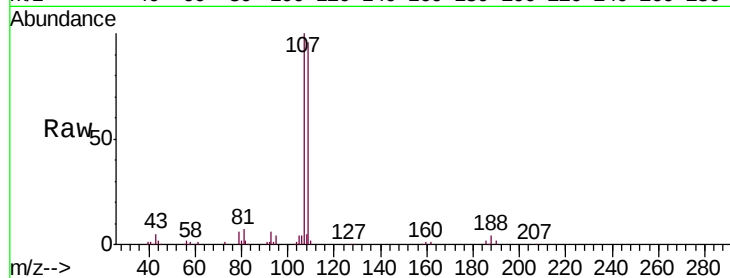
VU0906WBSD01

Tgt Ion: 107 Resp: 92769

Ion Ratio Lower Upper

107 100

109 95.6 75.0 112.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

8.57

60000

50000

40000

30000

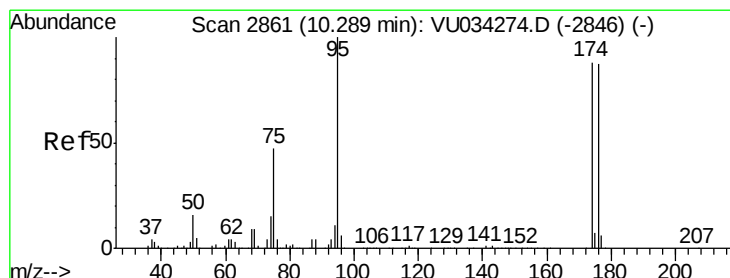
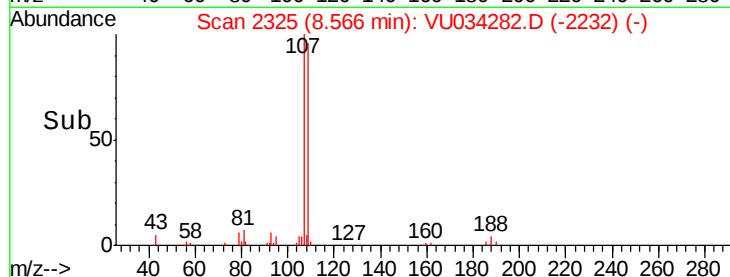
20000

10000

0

Time-->

8.50 8.60 8.70



#62

4-Bromofluorobenzene

Concen: 47.992 ug/l

RT: 10.29 min Scan# 2861

Delta R.T. 0.00 min

Lab File: VU034282.D

Acq: 05 Sep 2019 14:35

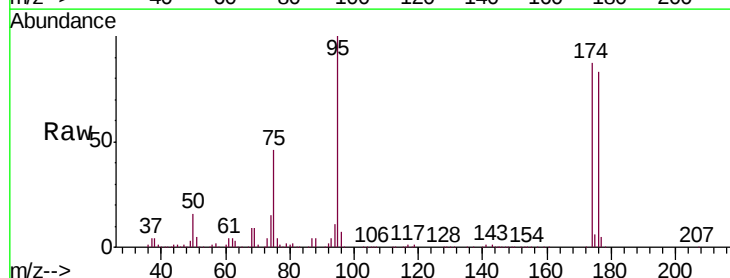
Tgt Ion: 95 Resp: 311362

Ion Ratio Lower Upper

95 100

174 86.1 0.0 175.2

176 83.4 0.0 168.0



Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

250000

200000

150000

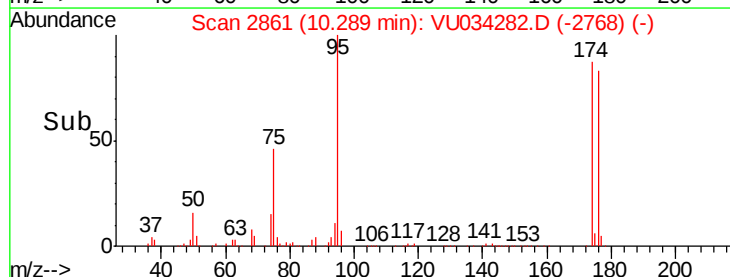
100000

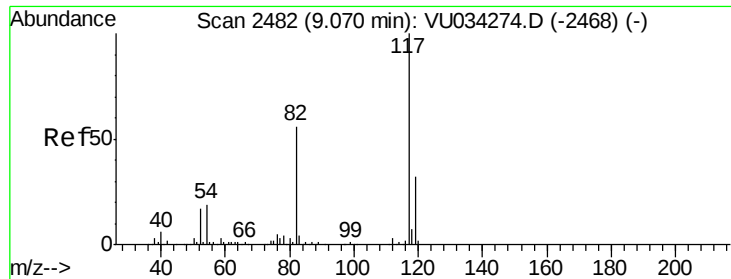
50000

0

Time-->

10.20 10.30 10.40

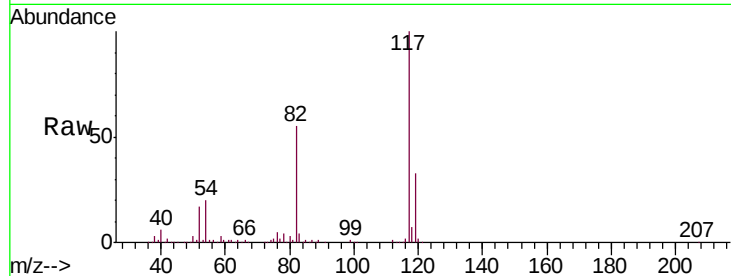




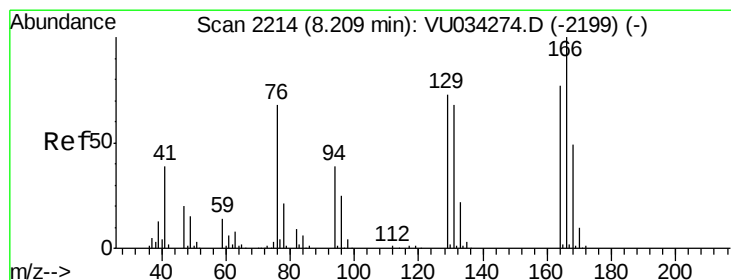
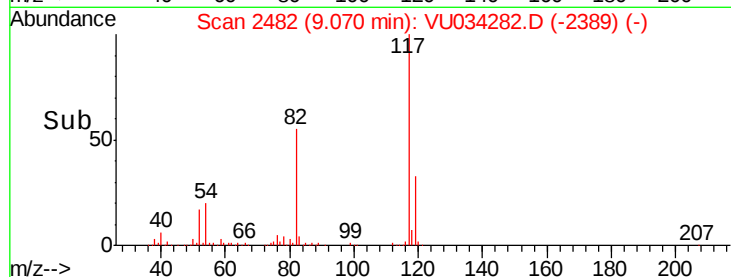
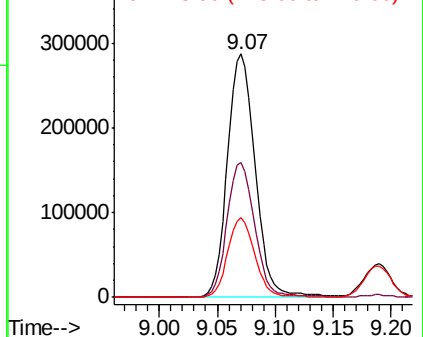
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2482
Delta R.T. 0.00 min
Lab File: VU034282.D
Acq: 05 Sep 2019 14:35

Instrument :
MSVOA_U
ClientSampleId :
VU0906WBSD01

Tgt Ion:117 Resp: 477374
Ion Ratio Lower Upper
117 100
82 55.3 44.6 67.0
119 32.5 25.9 38.9

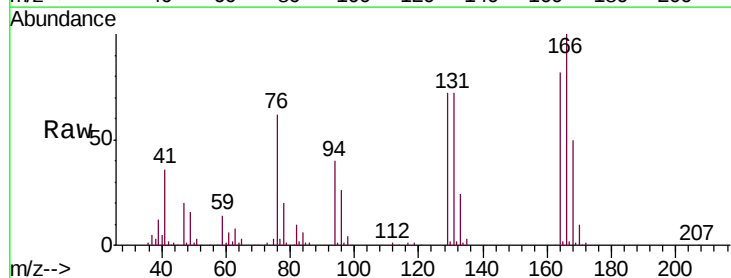


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

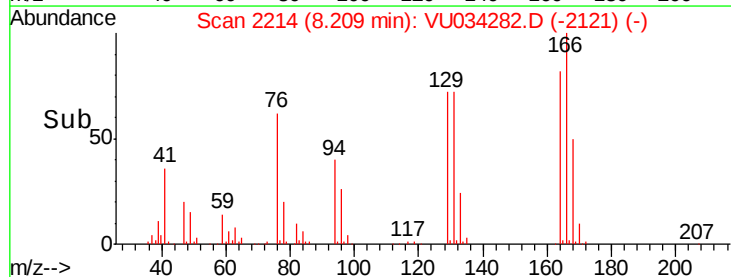
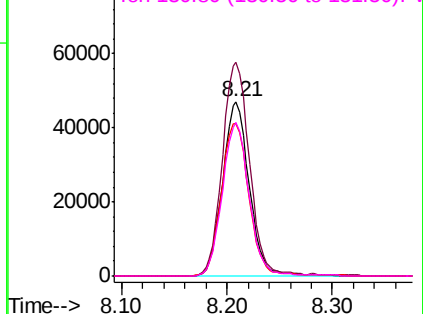


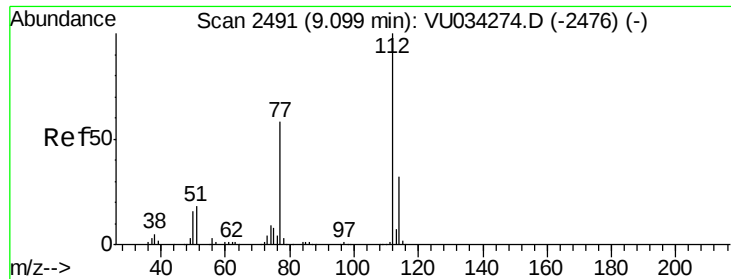
#64
Tetrachloroethene
Concen: 19.920 ug/l
RT: 8.21 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VU034282.D
Acq: 05 Sep 2019 14:35

Tgt Ion:164 Resp: 82499
Ion Ratio Lower Upper
164 100
166 122.3 103.7 155.5
129 87.5 75.8 113.8
131 88.0 70.7 106.1



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





#65

Chlorobenzene

Concen: 20.112 ug/l

RT: 9.10 min Scan# 2491

Delta R.T. 0.00 min

Lab File: VU034282.D

Acq: 05 Sep 2019 14:35

Instrument :

MSVOA_U

ClientSampleId :

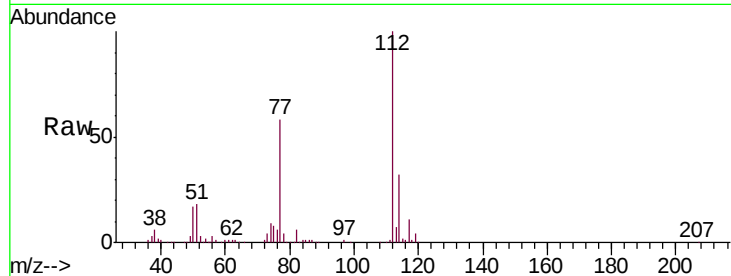
VU0906WBSD01

Tgt Ion:112 Resp: 243582

Ion Ratio Lower Upper

112 100

114 32.4 25.9 38.9



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

9.10

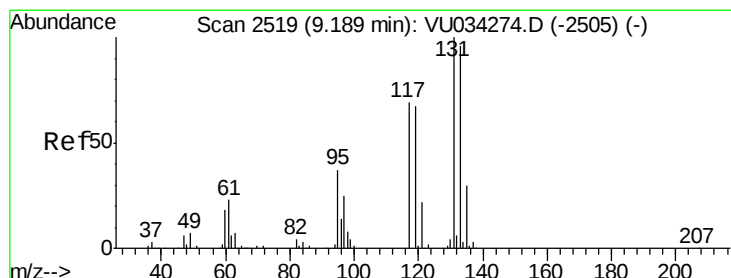
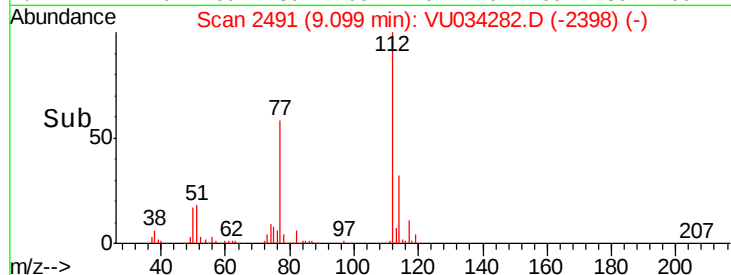
150000

100000

50000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 19.393 ug/l

RT: 9.19 min Scan# 2519

Delta R.T. 0.00 min

Lab File: VU034282.D

Acq: 05 Sep 2019 14:35

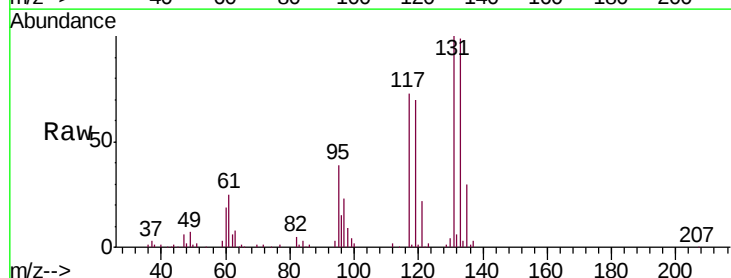
Tgt Ion:131 Resp: 89634

Ion Ratio Lower Upper

131 100

133 97.6 47.9 143.7

119 68.6 33.1 99.5



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

9.19

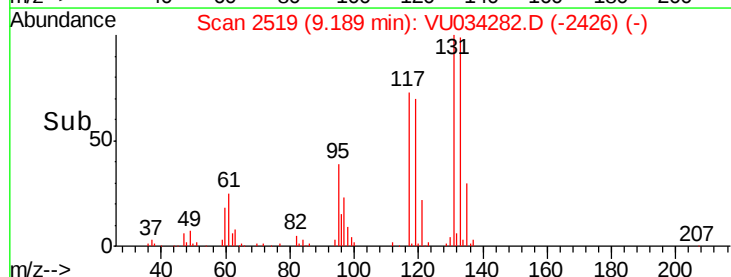
60000

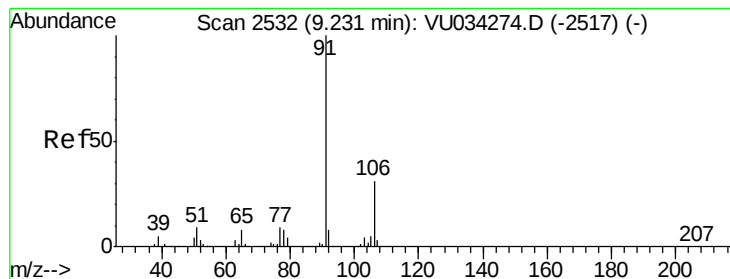
40000

20000

0

Time-->





#67

Ethyl Benzene

Concen: 20.428 ug/l

RT: 9.23 min Scan# 2532

Delta R.T. 0.00 min

Lab File: VU034282.D

Acq: 05 Sep 2019 14:35

Instrument :

MSVOA_U

ClientSampleId :

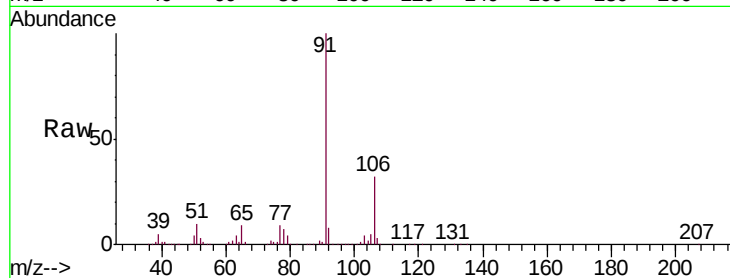
VU0906WBSD01

Tgt Ion: 91 Resp: 404524

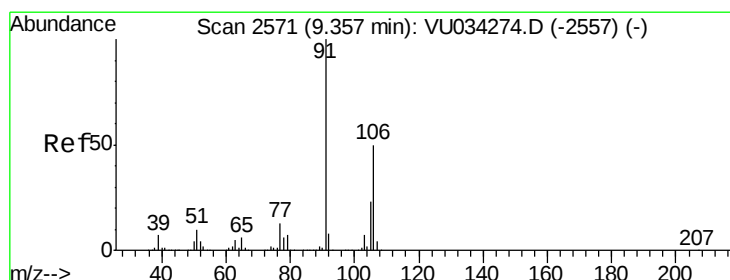
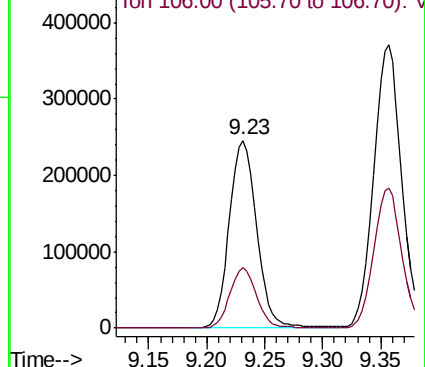
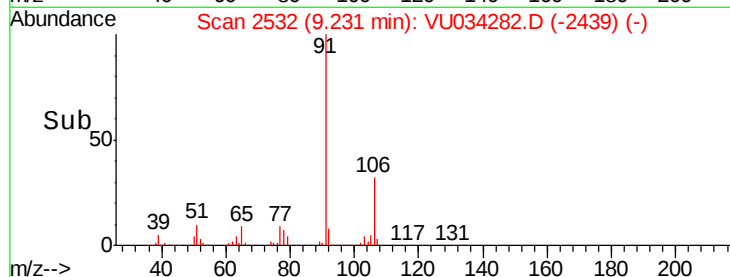
Ion Ratio Lower Upper

91 100

106 32.2 24.8 37.2



Abundance Ion 91.00 (90.70 to 91.70): VU034282.D (-2439) (-)



#68

m/p-Xylenes

Concen: 42.024 ug/l

RT: 9.36 min Scan# 2571

Delta R.T. 0.00 min

Lab File: VU034282.D

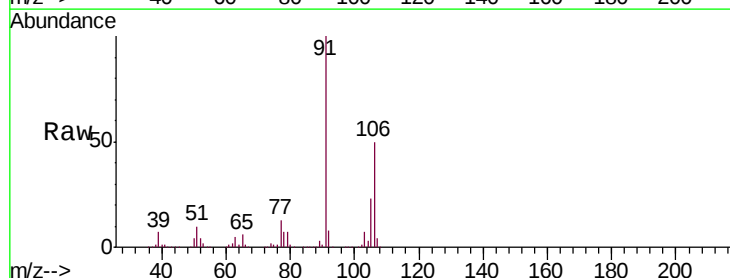
Acq: 05 Sep 2019 14:35

Tgt Ion: 106 Resp: 313364

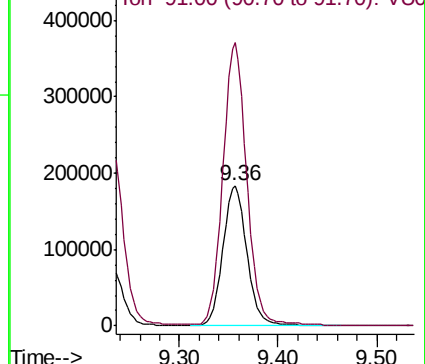
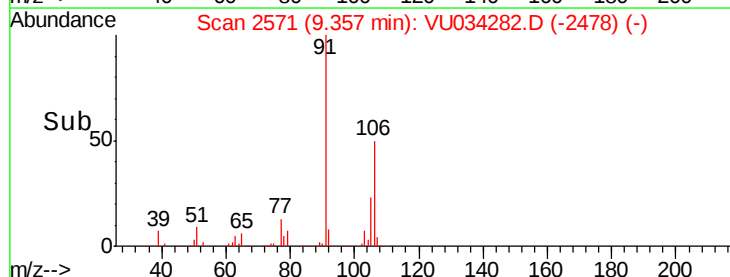
Ion Ratio Lower Upper

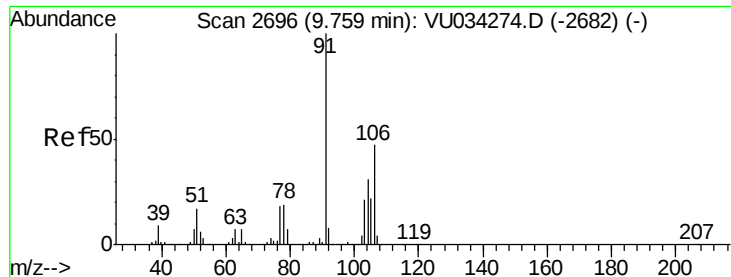
106 100

91 201.6 160.1 240.1



Abundance Ion 106.00 (105.70 to 106.70): VU034282.D (-2478) (-)

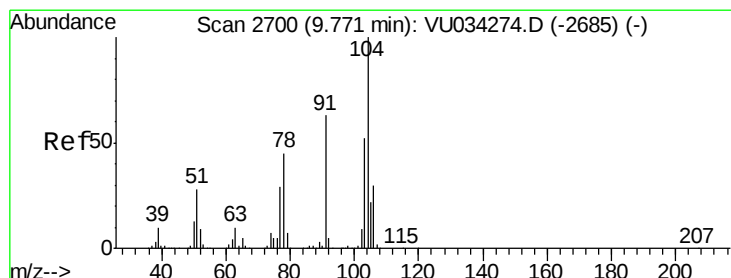
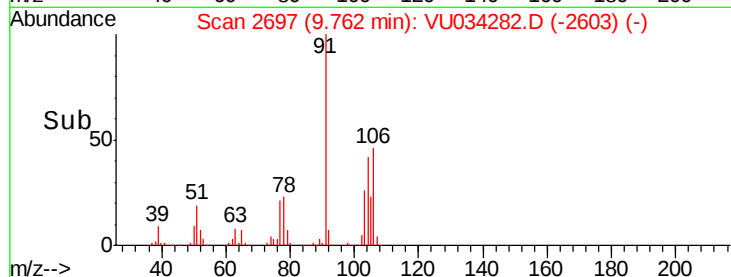
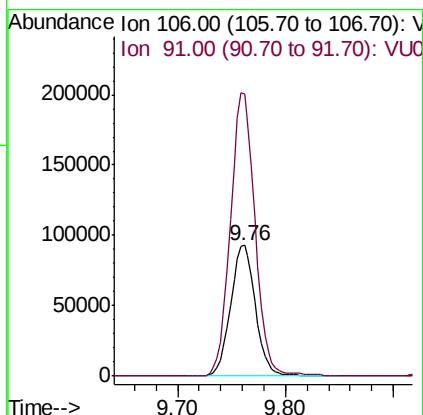
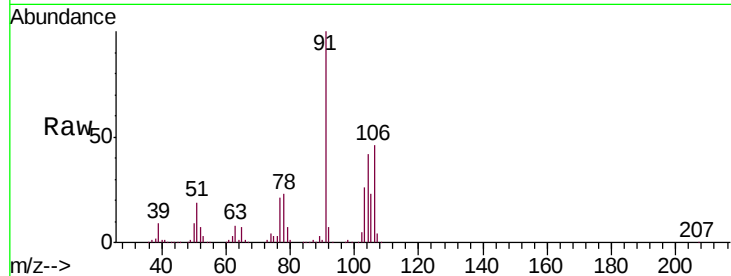




#69
o-Xylene
Concen: 20.495 ug/l
RT: 9.76 min Scan# 2697
Delta R.T. 0.00 min
Lab File: VU034282.D
Acq: 05 Sep 2019 14:35

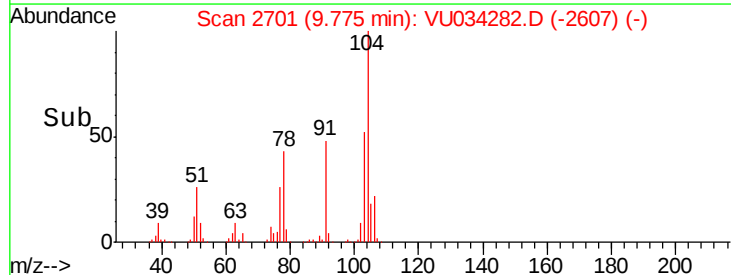
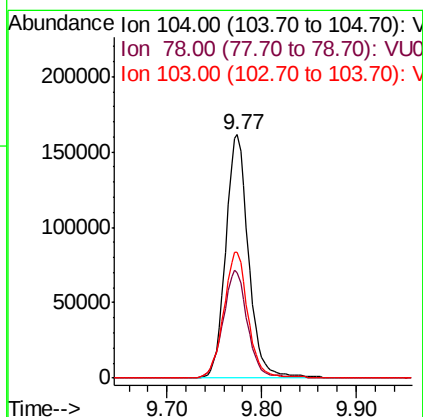
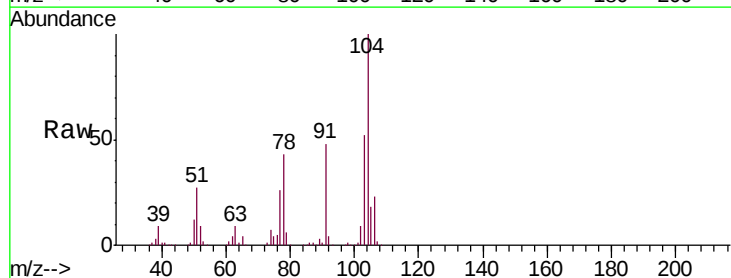
Instrument :
MSVOA_U
ClientSampleId :
VU0906WBSD01

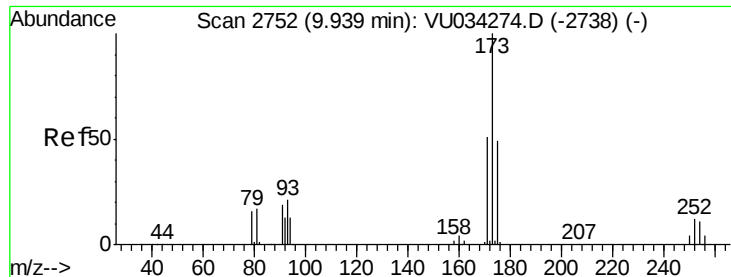
Tgt Ion:106 Resp: 149461
Ion Ratio Lower Upper
106 100
91 215.1 105.1 315.3



#70
Styrene
Concen: 21.247 ug/l
RT: 9.77 min Scan# 2701
Delta R.T. 0.00 min
Lab File: VU034282.D
Acq: 05 Sep 2019 14:35

Tgt Ion:104 Resp: 271662
Ion Ratio Lower Upper
104 100
78 47.7 38.6 57.8
103 54.9 44.2 66.4





#71

Bromoform

Concen: 19.497 ug/l

RT: 9.94 min Scan# 2752

Delta R.T. 0.00 min

Lab File: VU034282.D

Acq: 05 Sep 2019 14:35

Instrument :

MSVOA_U

ClientSampleId :

VU0906WBSD01

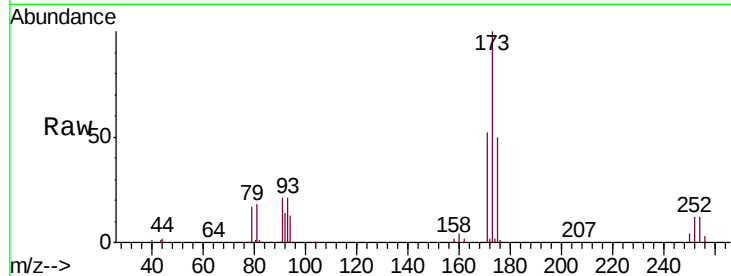
Tgt Ion:173 Resp: 78102

Ion Ratio Lower Upper

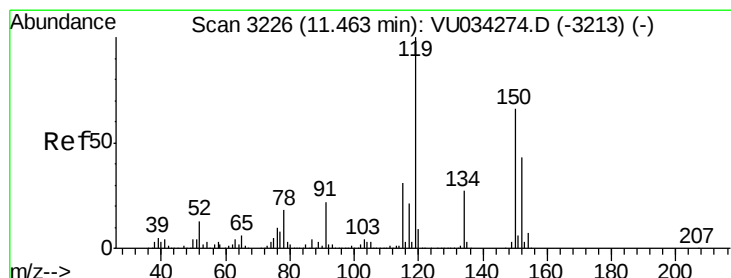
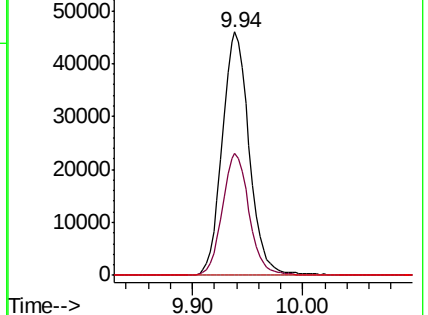
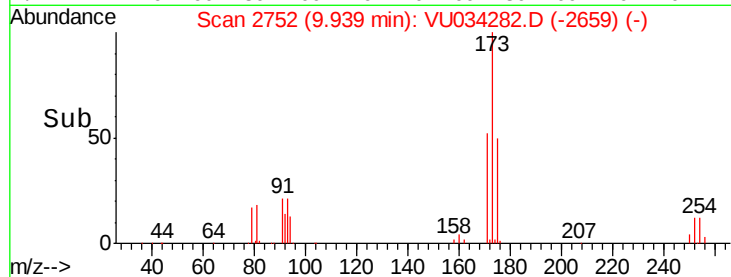
173 100

175 49.6 24.4 73.2

254 0.0 0.0 0.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.46 min Scan# 3226

Delta R.T. 0.00 min

Lab File: VU034282.D

Acq: 05 Sep 2019 14:35

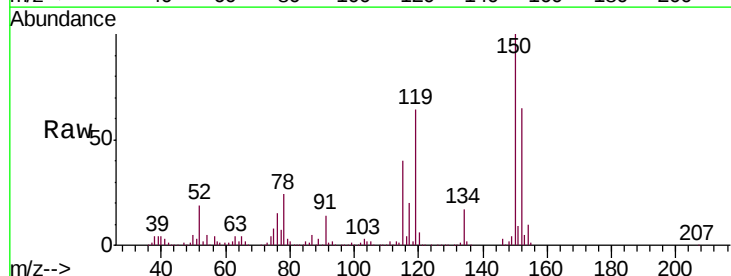
Tgt Ion:152 Resp: 310764

Ion Ratio Lower Upper

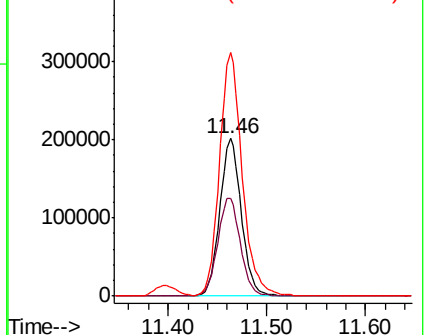
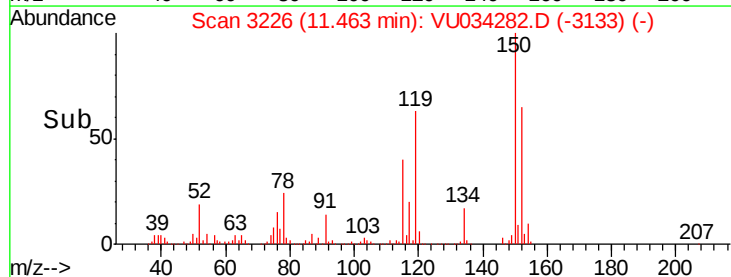
152 100

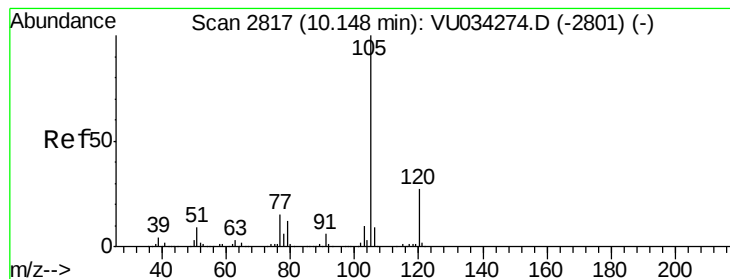
115 65.5 39.1 117.3

150 161.9 0.0 345.4



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





#73

Isopropylbenzene

Concen: 20.739 ug/l

RT: 10.15 min Scan# 2817

Delta R.T. 0.00 min

Lab File: VU034282.D

Acq: 05 Sep 2019 14:35

Instrument :

MSVOA_U

ClientSampleId :

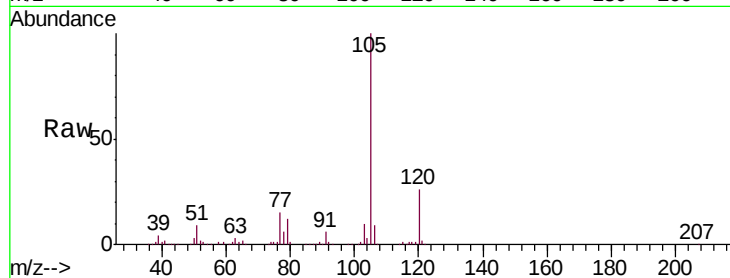
VU0906WBSD01

Tgt Ion: 105 Resp: 419430

Ion Ratio Lower Upper

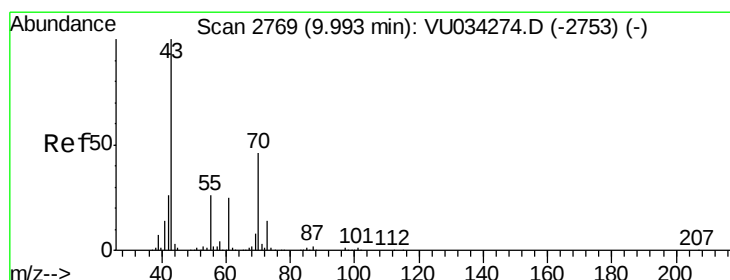
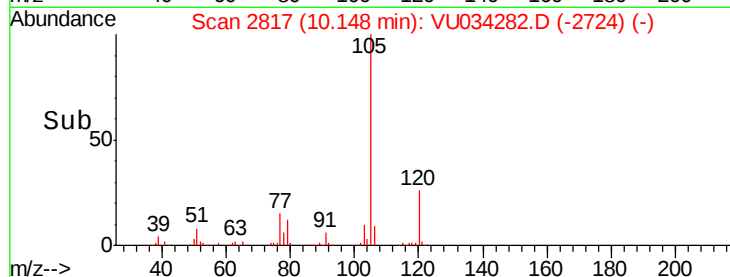
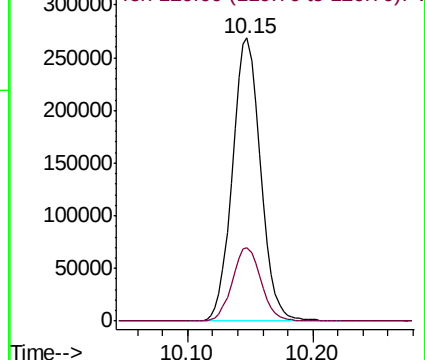
105 100

120 26.6 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 21.077 ug/l

RT: 10.00 min Scan# 2770

Delta R.T. 0.00 min

Lab File: VU034282.D

Acq: 05 Sep 2019 14:35

Tgt Ion: 43 Resp: 171578

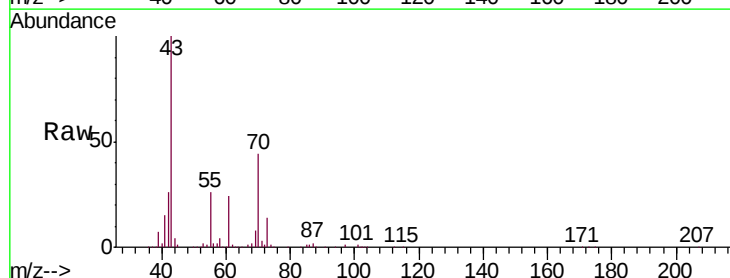
Ion Ratio Lower Upper

43 100

70 44.5 36.4 54.6

55 26.0 21.2 31.8

61 24.9 20.4 30.6

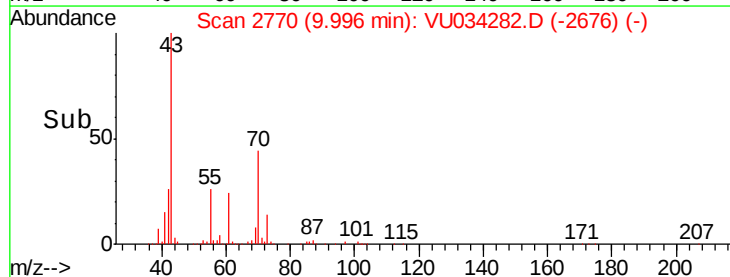
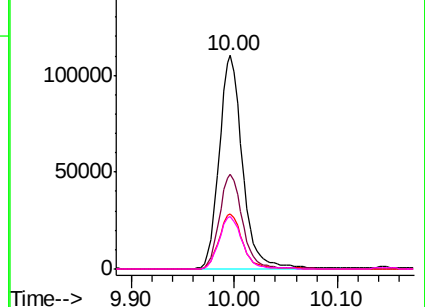


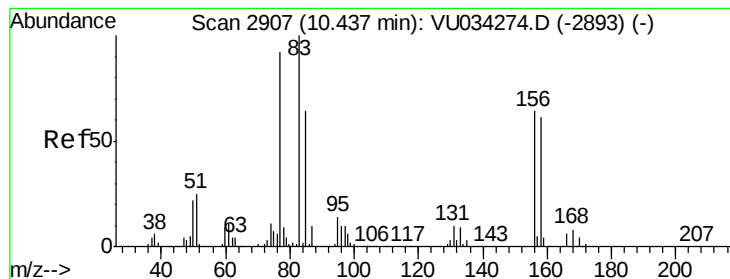
Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 70.00 (69.70 to 70.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 61.00 (60.70 to 61.70): VU0





#75

1,1,2,2-Tetrachloroethane

Concen: 19.610 ug/l

RT: 10.44 min Scan# 2907

Delta R.T. 0.00 min

Lab File: VU034282.D

Acq: 05 Sep 2019 14:35

Instrument :

MSVOA_U

ClientSampleId :

VU0906WBSD01

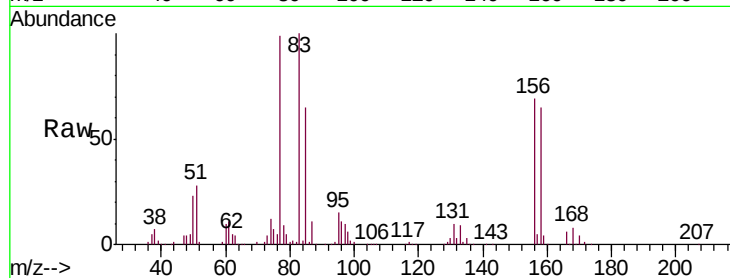
Tgt Ion: 83 Resp: 160533

Ion Ratio Lower Upper

83 100

131 10.0 5.1 15.2

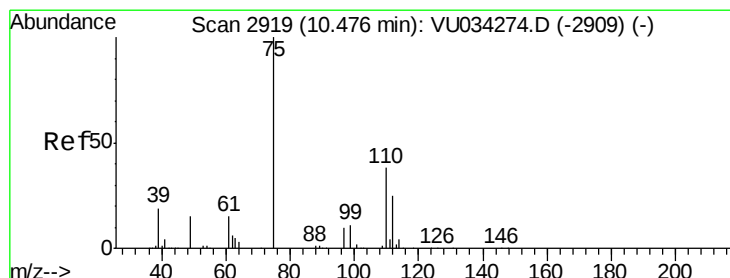
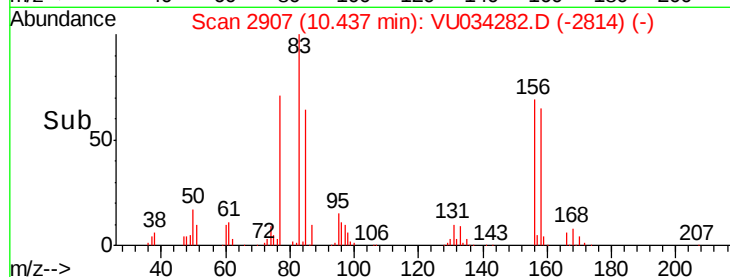
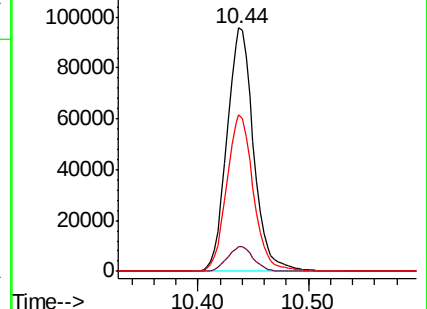
85 64.7 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VU034282.D (-2814) (-)

Ion 130.80 (130.50 to 131.50): VU034282.D (-2814) (-)

Ion 84.90 (84.60 to 85.60): VU034282.D (-2814) (-)



#76

1,2,3-Trichloropropane

Concen: 25.441 ug/l

RT: 10.48 min Scan# 2919

Delta R.T. 0.00 min

Lab File: VU034282.D

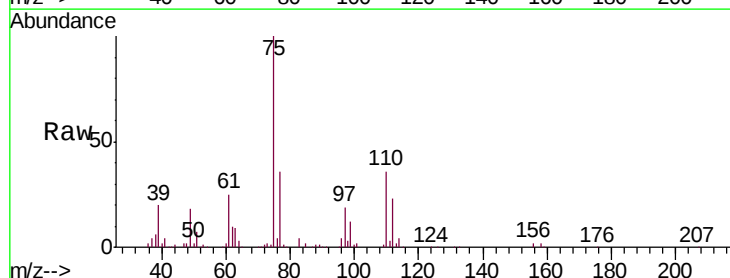
Acq: 05 Sep 2019 14:35

Tgt Ion: 75 Resp: 172580

Ion Ratio Lower Upper

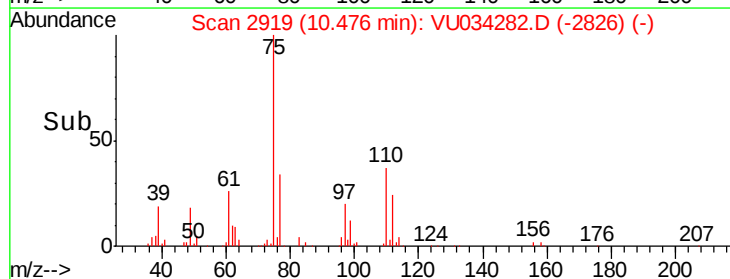
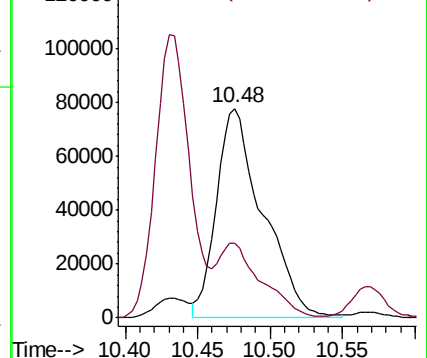
75 100

77 33.0 20.8 62.2



Abundance Ion 74.90 (74.60 to 75.60): VU034282.D (-2826) (-)

Ion 77.00 (76.70 to 77.70): VU034282.D (-2826) (-)





#77

Bromobenzene

Concen: 20.513 ug/l

RT: 10.43 min Scan# 2906

Delta R.T. 0.00 min

Lab File: VU034282.D

Acq: 05 Sep 2019 14:35

Instrument :

MSVOA_U

ClientSampleId :

VU0906WBSD01

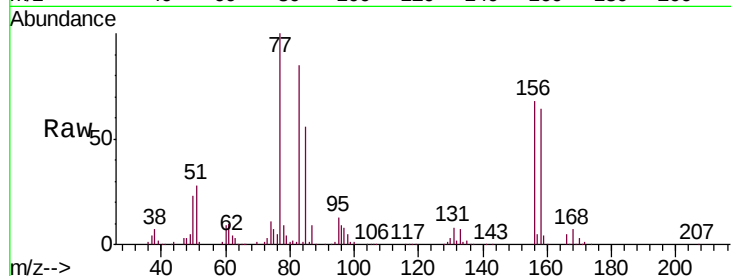
Tgt Ion:156 Resp: 115995

Ion Ratio Lower Upper

156 100

77 150.7 75.6 226.9

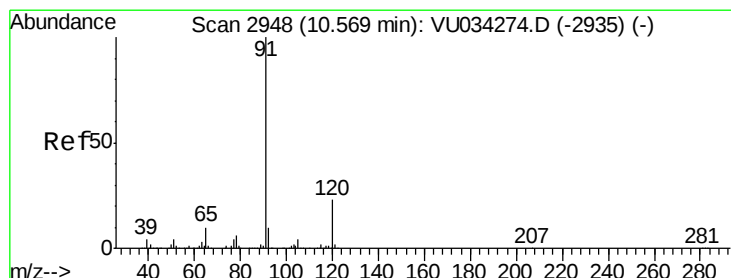
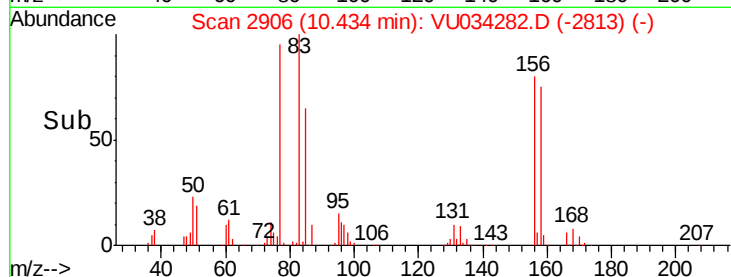
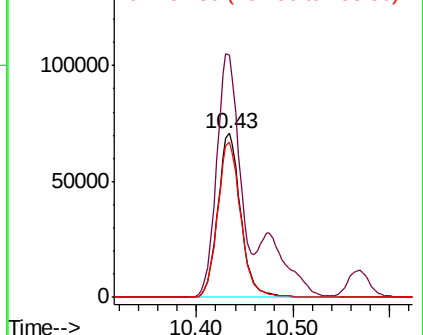
158 95.8 48.2 144.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VU0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.758 ug/l

RT: 10.57 min Scan# 2948

Delta R.T. 0.00 min

Lab File: VU034282.D

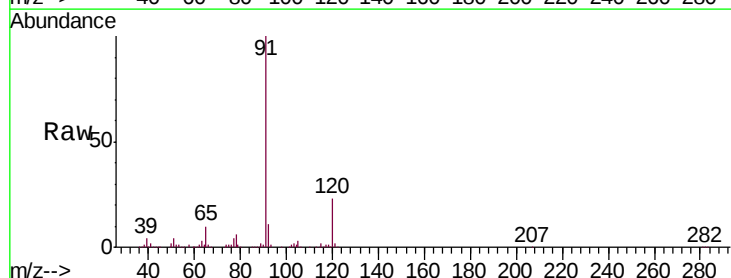
Acq: 05 Sep 2019 14:35

Tgt Ion: 91 Resp: 484831

Ion Ratio Lower Upper

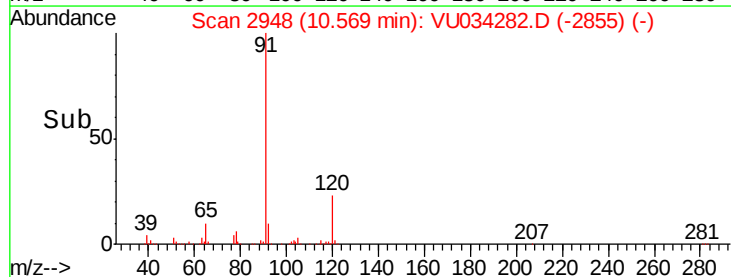
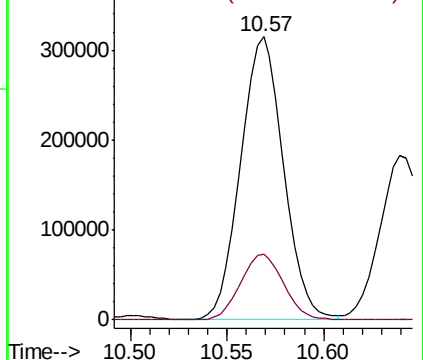
91 100

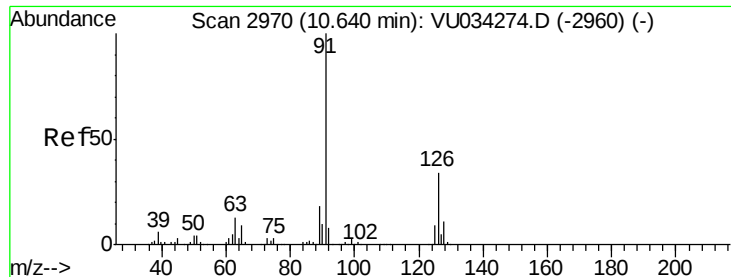
120 23.4 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.831 ug/l

RT: 10.64 min Scan# 2970

Delta R.T. 0.00 min

Lab File: VU034282.D

Acq: 05 Sep 2019 14:35

Instrument :

MSVOA_U

ClientSampleId :

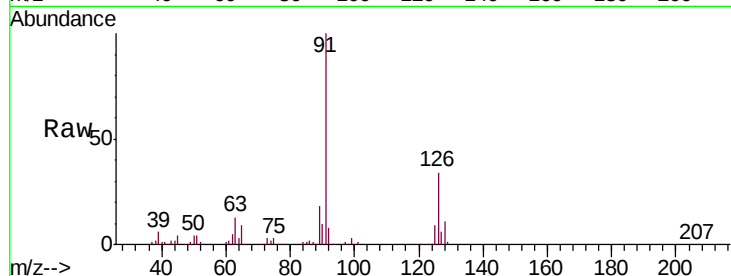
VU0906WBSD01

Tgt Ion: 91 Resp: 296861

Ion Ratio Lower Upper

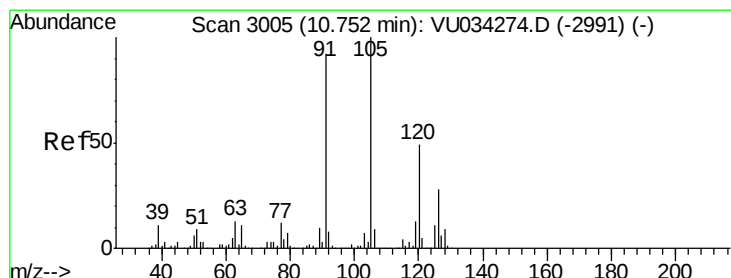
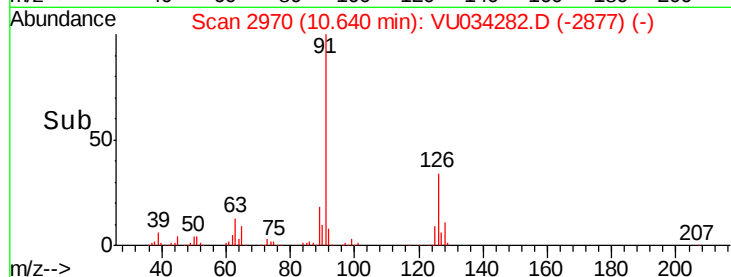
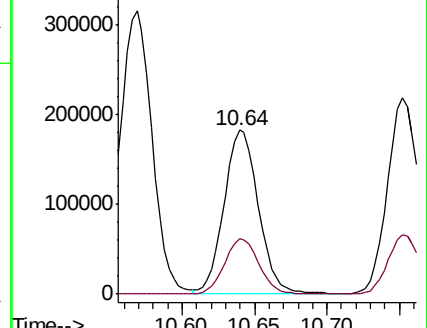
91 100

126 34.2 17.3 51.9



Abundance Ion 91.00 (90.70 to 91.70): VU034282.D (-2960) (-)

Ion 125.90 (125.60 to 126.60): VU034282.D (-2960) (-)



#80

1,3,5-Trimethylbenzene

Concen: 21.567 ug/l

RT: 10.75 min Scan# 3005

Delta R.T. 0.00 min

Lab File: VU034282.D

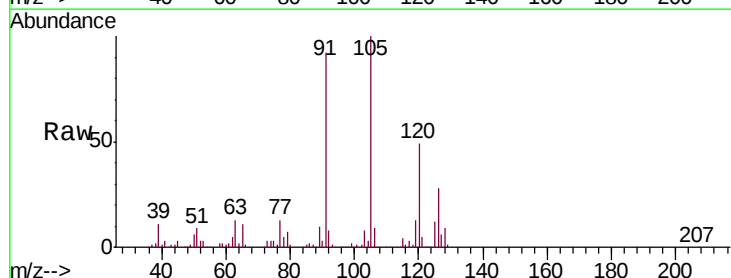
Acq: 05 Sep 2019 14:35

Tgt Ion: 105 Resp: 364778

Ion Ratio Lower Upper

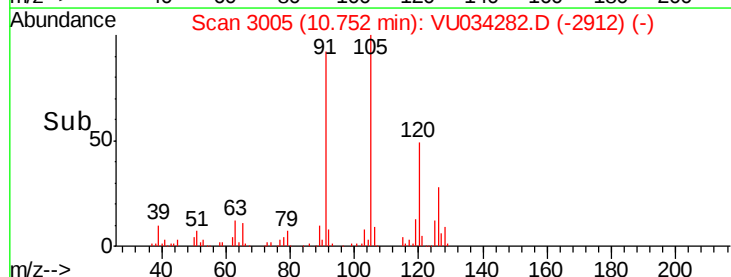
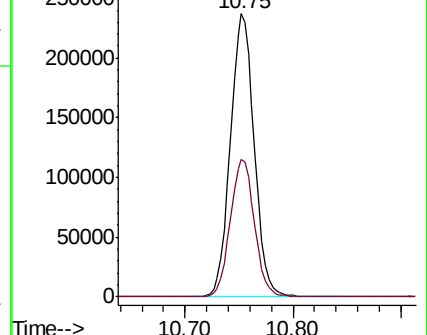
105 100

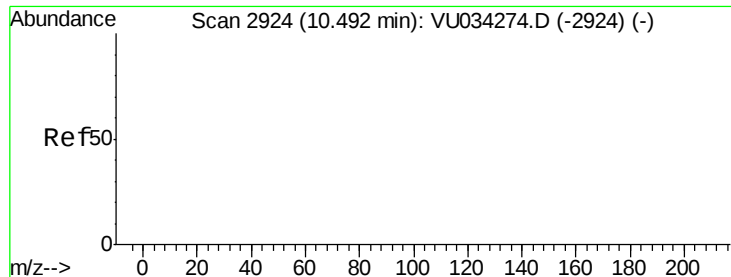
120 49.2 24.9 74.7



Abundance Ion 105.00 (104.70 to 105.70): VU034282.D (-2991) (-)

Ion 120.00 (119.70 to 120.70): VU034282.D (-2991) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 85.558 ug/l

RT: 10.48 min Scan# 2919

Delta R.T. -0.02 min

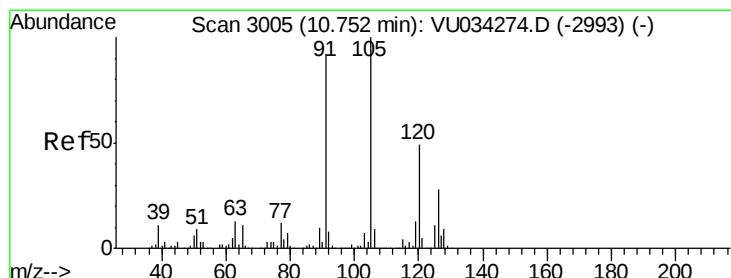
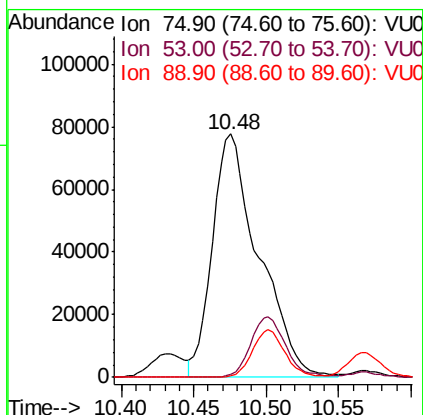
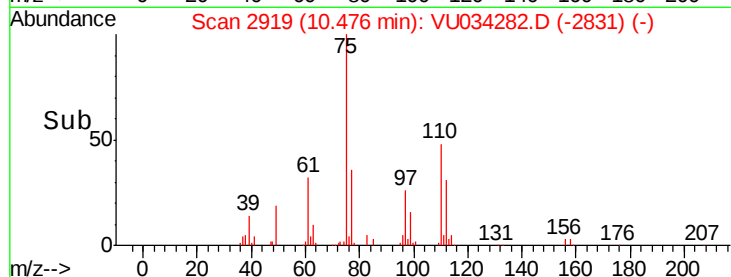
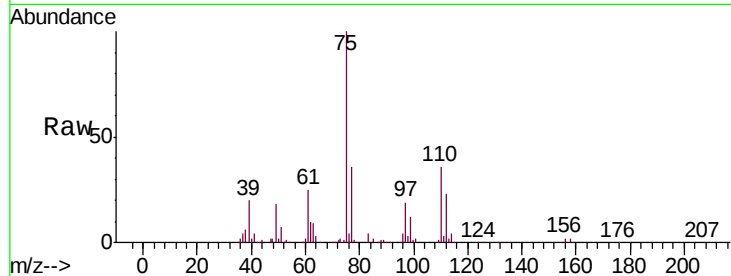
Lab File: VU034282.D

Acq: 05 Sep 2019 14:35

Instrument :
MSVOA_U
ClientSampleId :
VU0906WBSD01

Tgt Ion: 75 Resp: 172580

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



#82

4-Chlorotoluene

Concen: 20.641 ug/l

RT: 10.75 min Scan# 3005

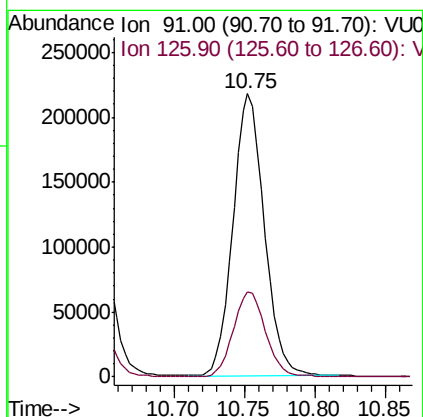
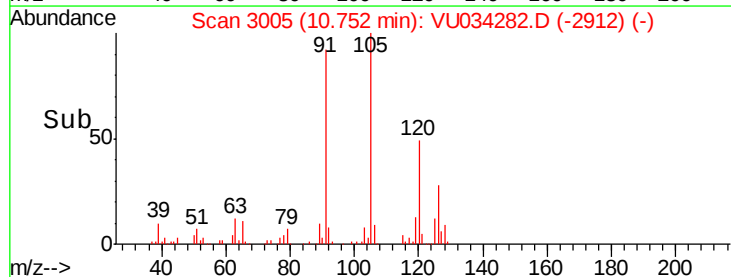
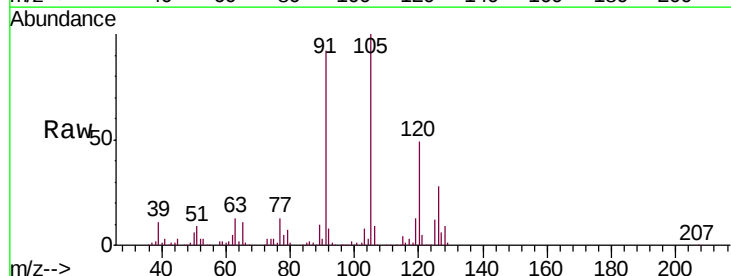
Delta R.T. 0.00 min

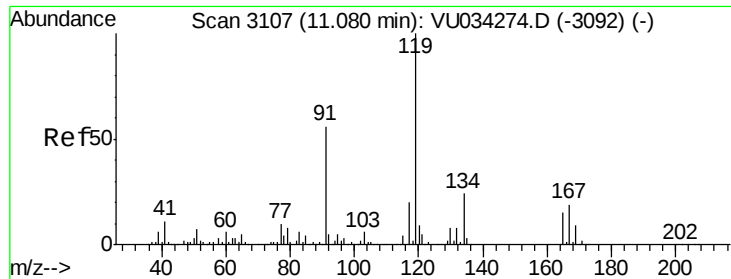
Lab File: VU034282.D

Acq: 05 Sep 2019 14:35

Tgt Ion: 91 Resp: 338514

Ion	Ratio	Lower	Upper
91	100		
126	30.8	15.3	45.8

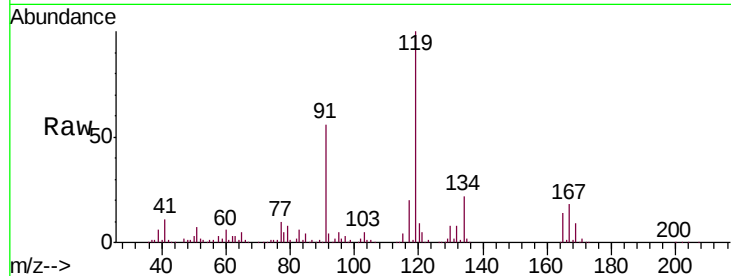




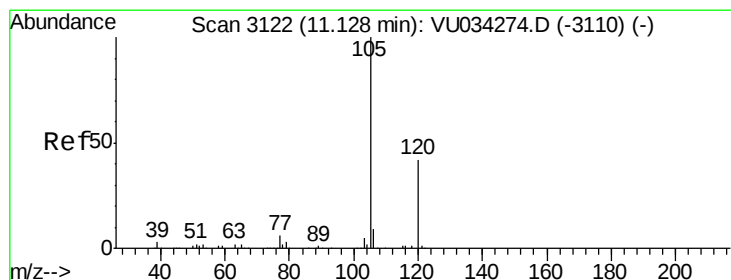
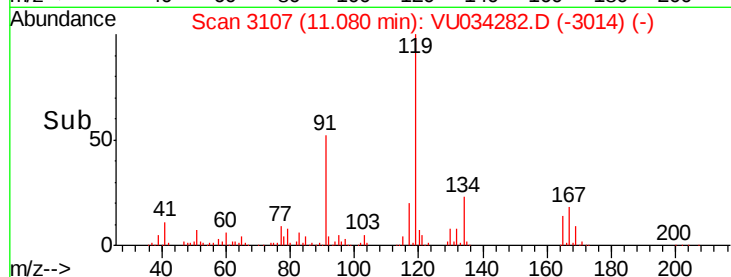
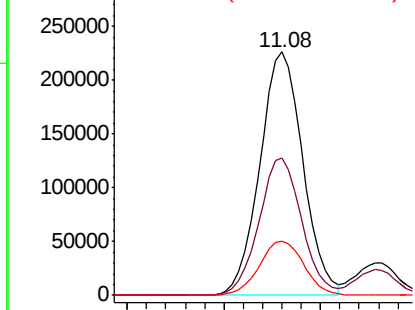
#83
 tert-Butylbenzene
 Concen: 20.765 ug/l
 RT: 11.08 min Scan# 3107
 Delta R.T. 0.00 min
 Lab File: VU034282.D
 Acq: 05 Sep 2019 14:35

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0906WBSD01

Tgt Ion:119 Resp: 351355
 Ion Ratio Lower Upper
 119 100
 91 56.0 27.8 83.4
 134 23.2 11.7 35.0

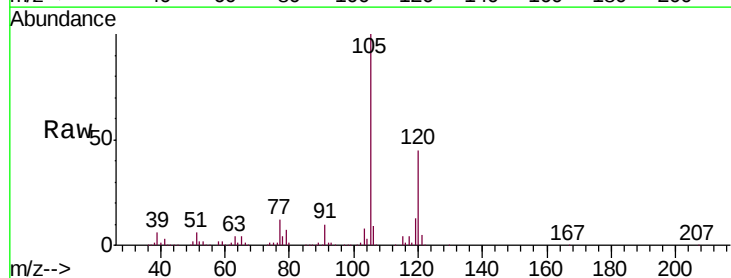


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VU0
 Ion 134.00 (133.70 to 134.70): V

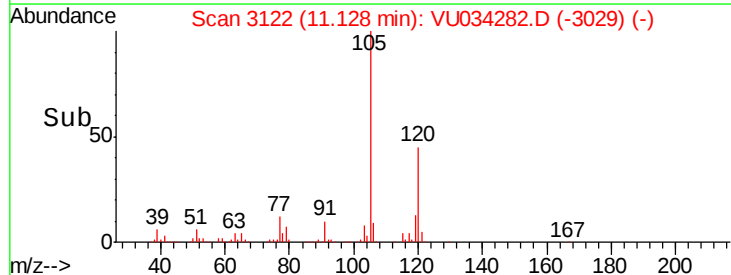
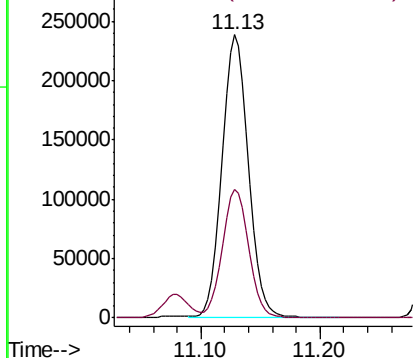


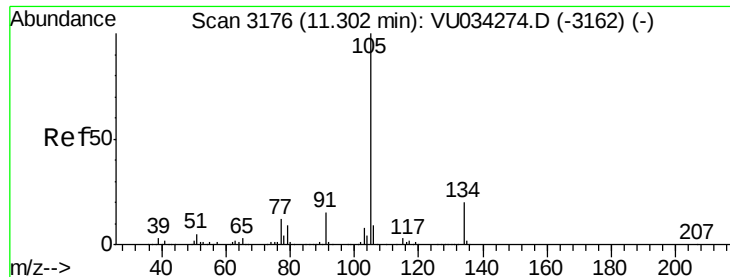
#84
 1,2,4-Trimethylbenzene
 Concen: 21.489 ug/l
 RT: 11.13 min Scan# 3122
 Delta R.T. 0.00 min
 Lab File: VU034282.D
 Acq: 05 Sep 2019 14:35

Tgt Ion:105 Resp: 365871
 Ion Ratio Lower Upper
 105 100
 120 45.5 22.9 68.8



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

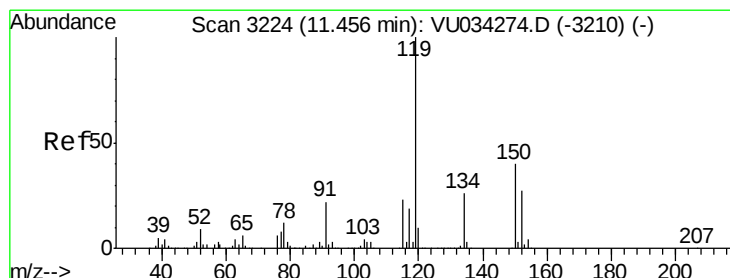
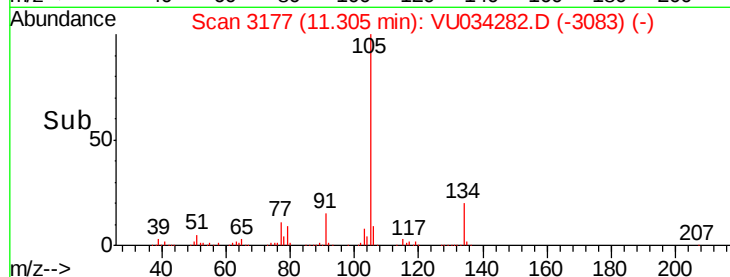
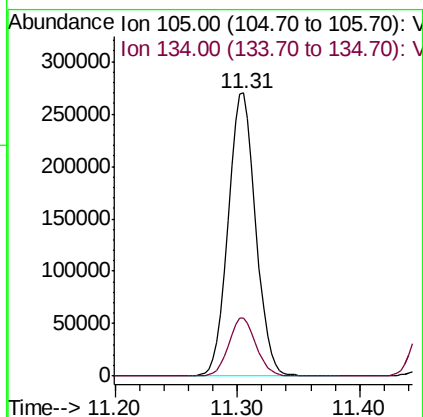
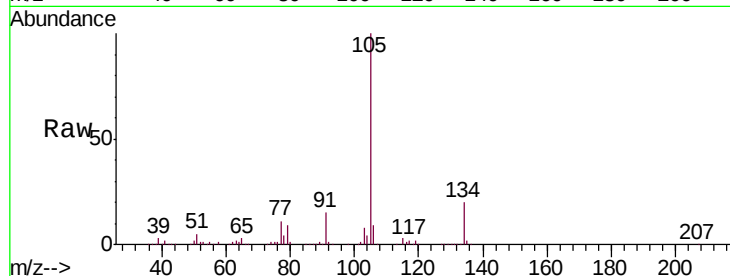




#85
 sec-Butylbenzene
 Concen: 21.242 ug/l
 RT: 11.31 min Scan# 3177
 Delta R.T. 0.00 min
 Lab File: VU034282.D
 Acq: 05 Sep 2019 14:35

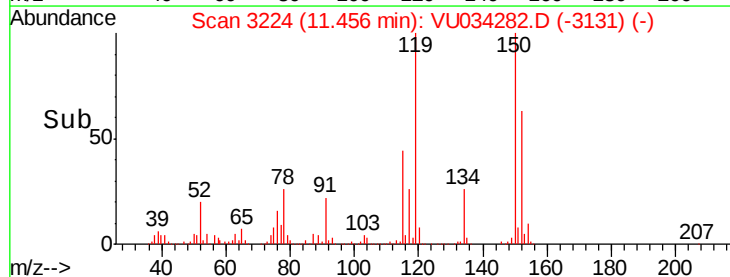
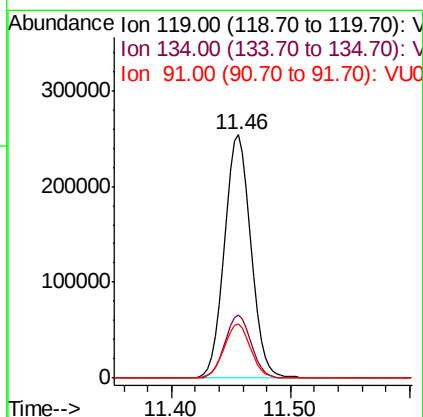
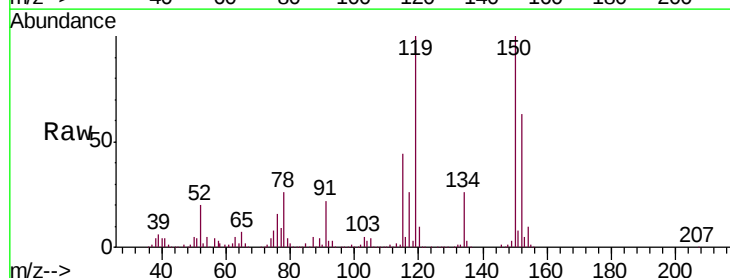
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0906WBSD01

Tgt Ion:105 Resp: 424321
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.1 30.3



#86
 p-Isopropyltoluene
 Concen: 21.168 ug/l
 RT: 11.46 min Scan# 3224
 Delta R.T. 0.00 min
 Lab File: VU034282.D
 Acq: 05 Sep 2019 14:35

Tgt Ion:119 Resp: 390285
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.3 39.8
 91 22.3 11.2 33.6

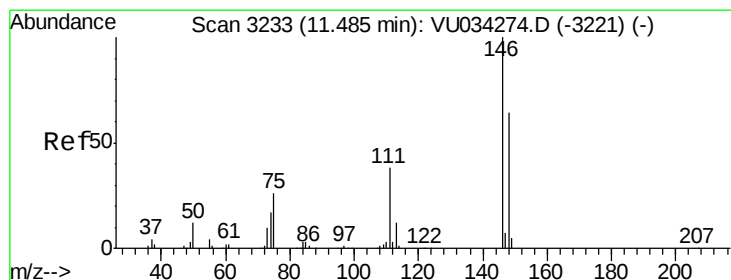
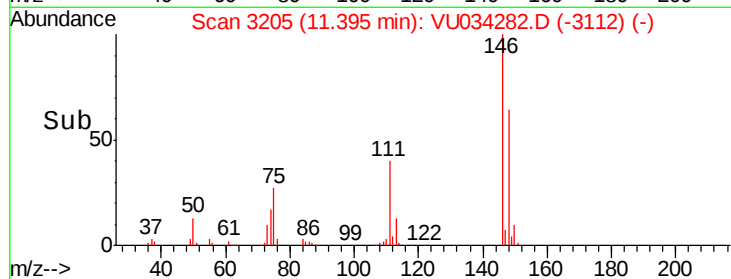
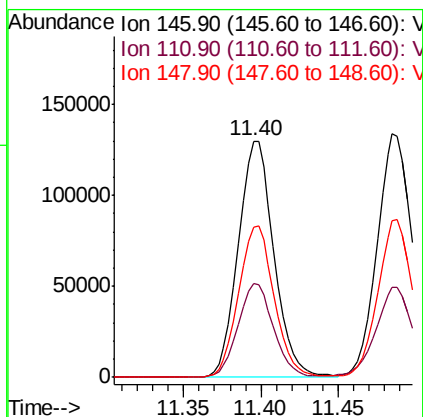
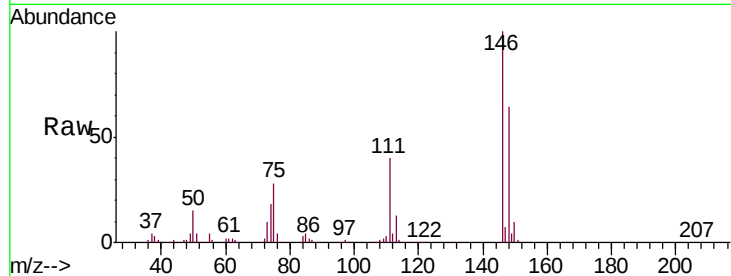




#87
 1,3-Dichlorobenzene
 Concen: 20.228 ug/l
 RT: 11.40 min Scan# 3205
 Delta R.T. 0.00 min
 Lab File: VU034282.D
 Acq: 05 Sep 2019 14:35

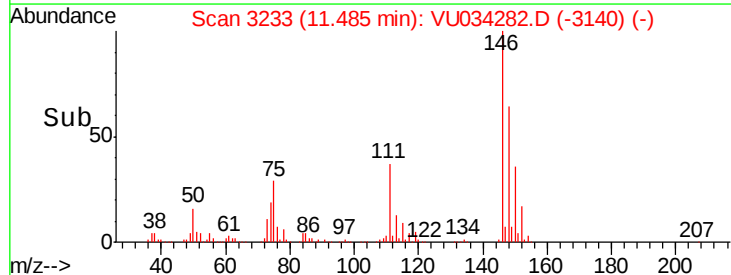
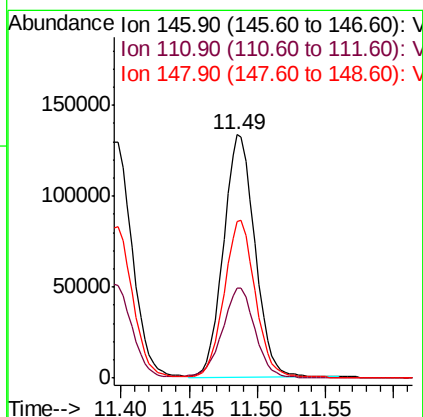
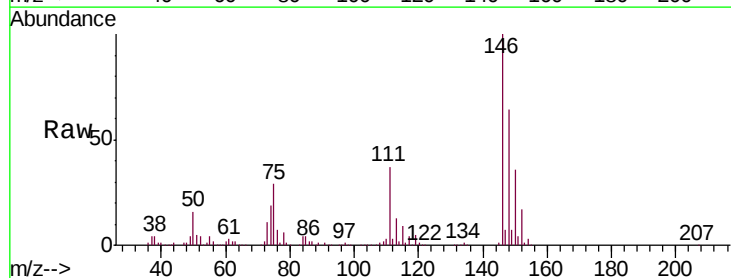
Instrument :
 MSVOA_U
 ClientSampled :
 VU0906WBSD01

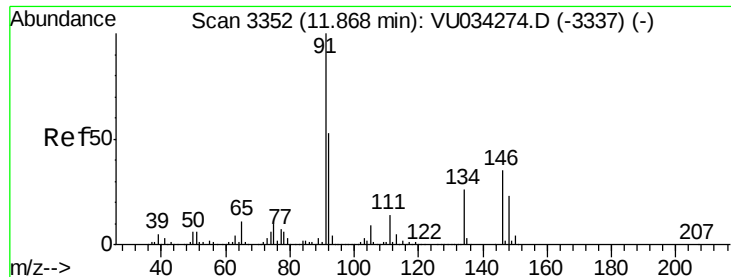
Tgt Ion:146 Resp: 208724
 Ion Ratio Lower Upper
 146 100
 111 39.4 19.5 58.5
 148 64.0 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 19.867 ug/l
 RT: 11.49 min Scan# 3233
 Delta R.T. 0.00 min
 Lab File: VU034282.D
 Acq: 05 Sep 2019 14:35

Tgt Ion:146 Resp: 213830
 Ion Ratio Lower Upper
 146 100
 111 38.3 19.1 57.3
 148 64.7 32.0 96.0

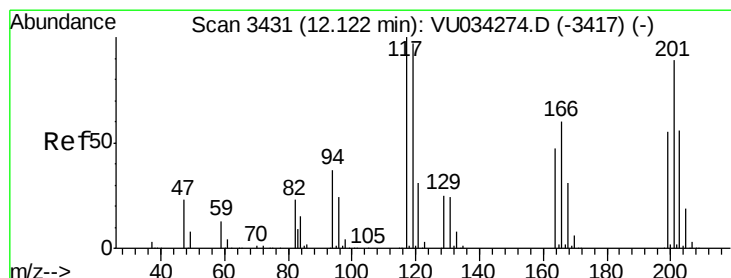
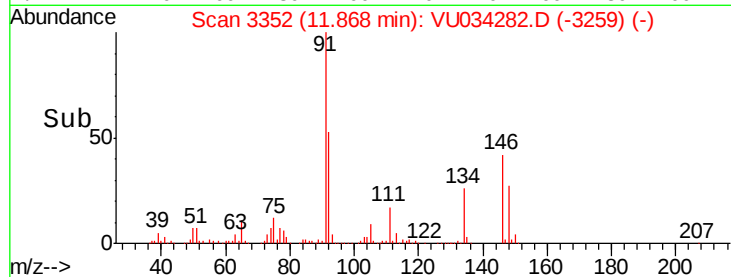
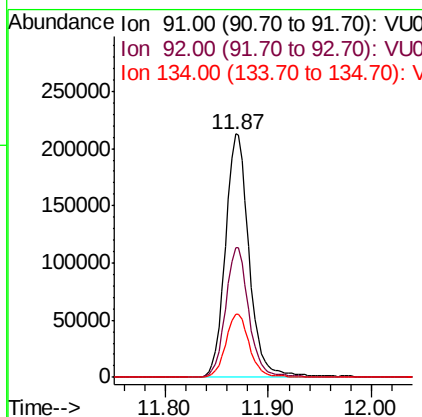
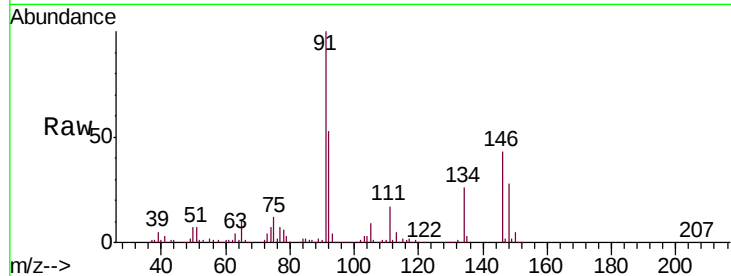




#89
n-Butylbenzene
Concen: 21.239 ug/l
RT: 11.87 min Scan# 3352
Delta R.T. 0.00 min
Lab File: VU034282.D
Acq: 05 Sep 2019 14:35

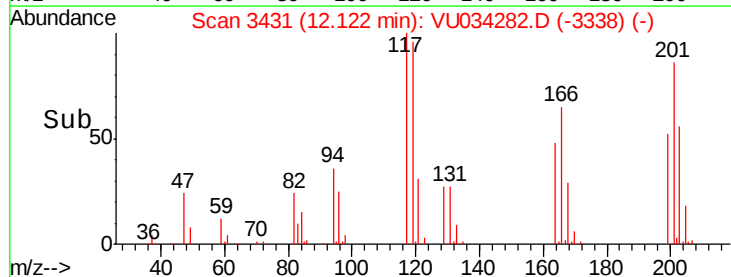
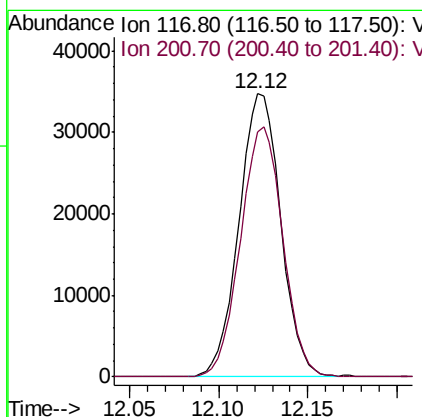
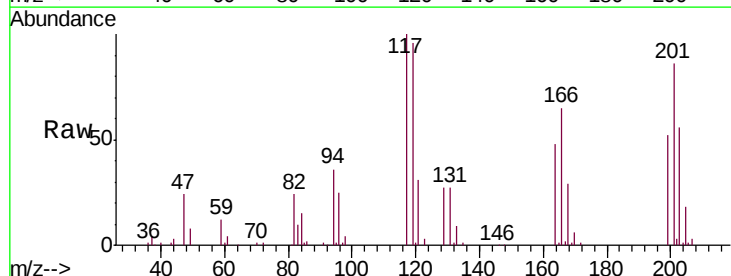
Instrument :
MSVOA_U
ClientSampleId :
VU0906WBSD01

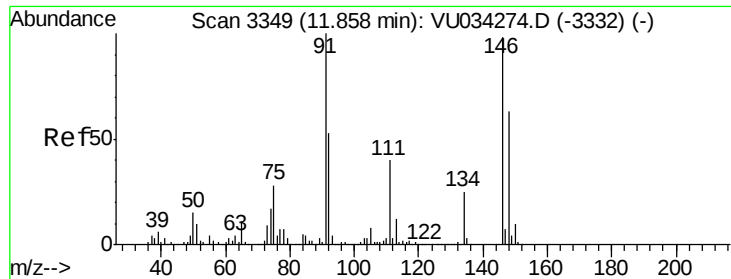
Tgt Ion: 91 Resp: 340300
Ion Ratio Lower Upper
91 100
92 52.5 26.5 79.4
134 26.0 13.2 39.6



#90
Hexachloroethane
Concen: 19.261 ug/l
RT: 12.12 min Scan# 3431
Delta R.T. 0.00 min
Lab File: VU034282.D
Acq: 05 Sep 2019 14:35

Tgt Ion: 117 Resp: 56815
Ion Ratio Lower Upper
117 100
201 89.2 44.1 132.4

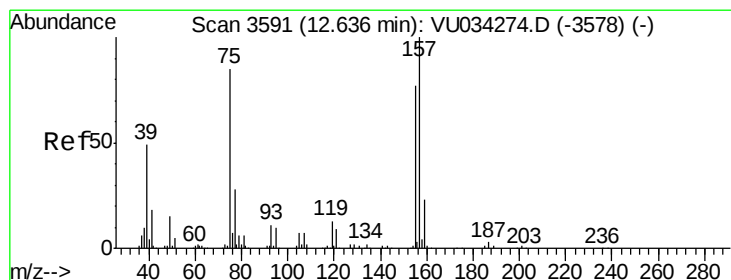
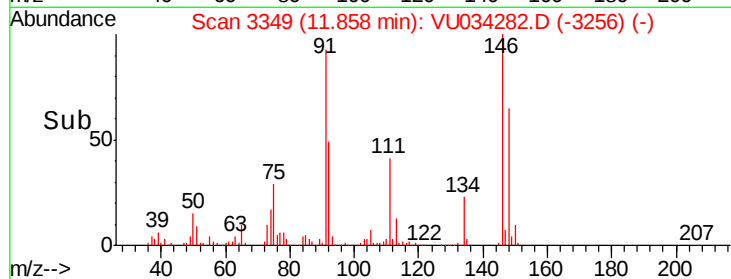
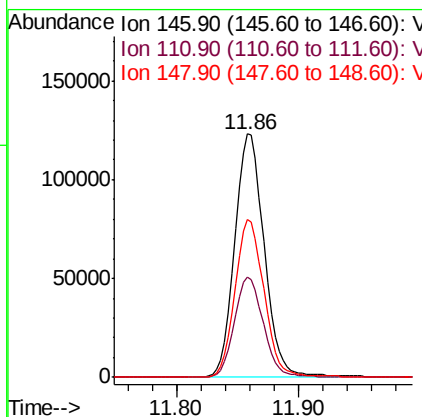
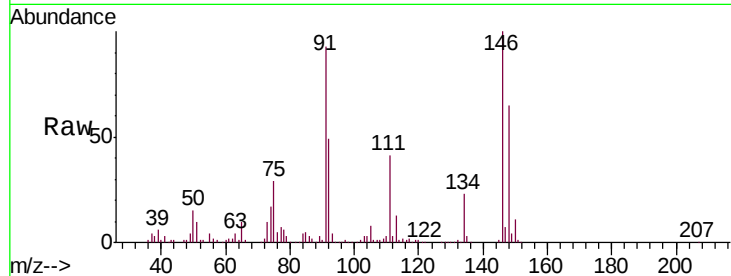




#91
 1,2-Dichlorobenzene
 Concen: 20.344 ug/l
 RT: 11.86 min Scan# 3349
 Delta R.T. 0.00 min
 Lab File: VU034282.D
 Acq: 05 Sep 2019 14:35

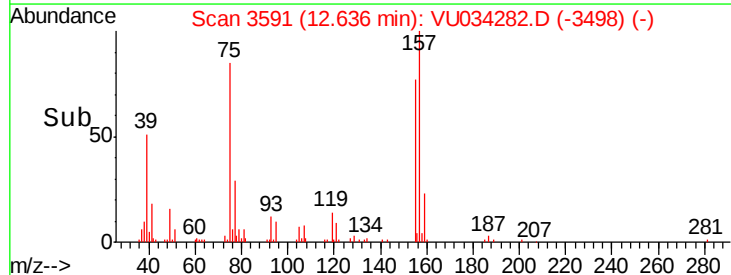
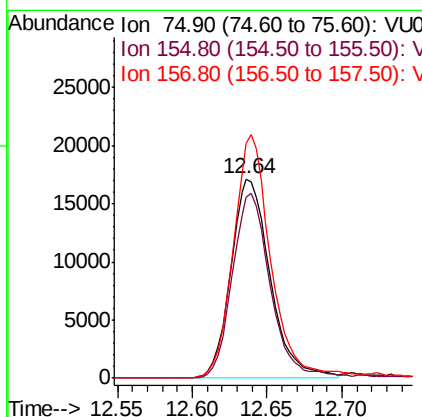
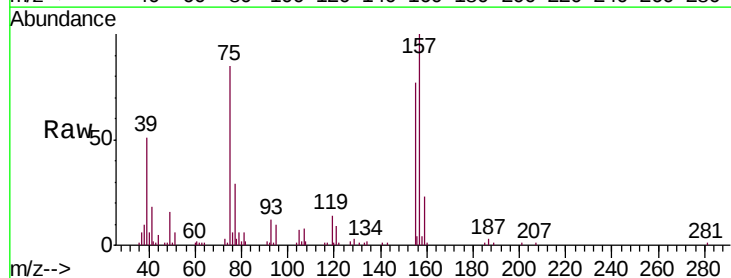
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0906WBSD01

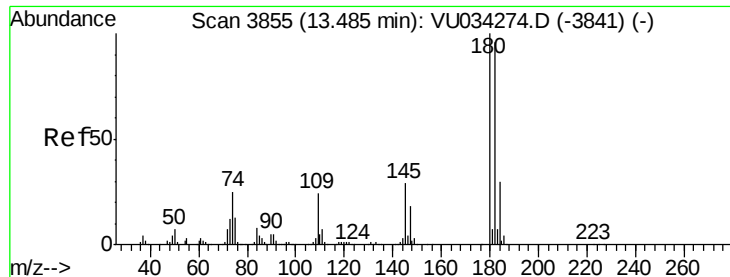
Tgt Ion: 146 Resp: 206316
 Ion Ratio Lower Upper
 146 100
 111 40.6 20.0 60.0
 148 64.1 31.6 94.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.786 ug/l
 RT: 12.64 min Scan# 3591
 Delta R.T. 0.00 min
 Lab File: VU034282.D
 Acq: 05 Sep 2019 14:35

Tgt Ion: 75 Resp: 31267
 Ion Ratio Lower Upper
 75 100
 155 90.2 44.6 134.0
 157 117.2 58.2 174.6

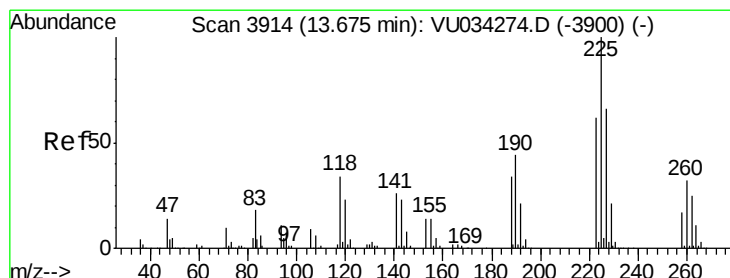
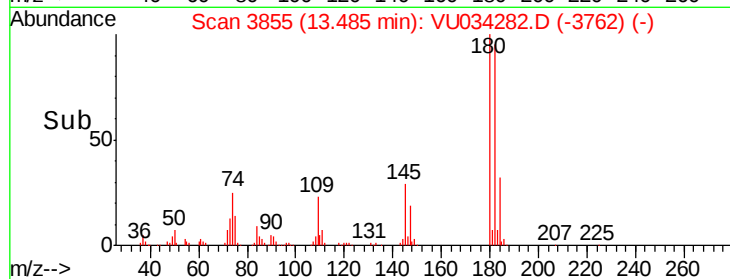
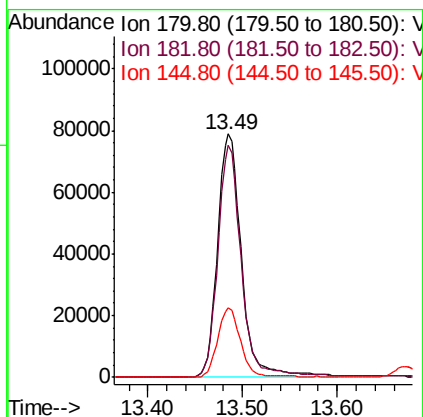
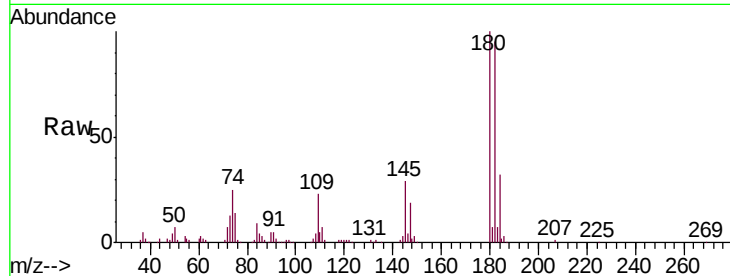




#93
 1,2,4-Trichlorobenzene
 Concen: 21.068 ug/l
 RT: 13.49 min Scan# 3855
 Delta R.T. 0.00 min
 Lab File: VU034282.D
 Acq: 05 Sep 2019 14:35

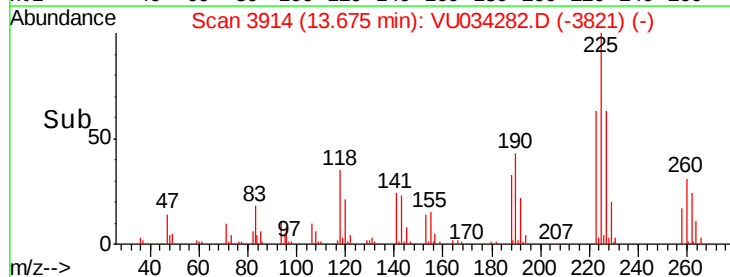
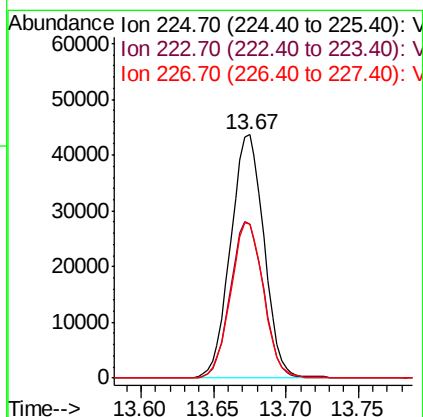
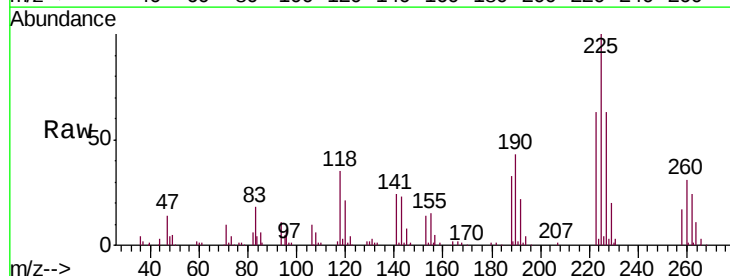
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0906WBSD01

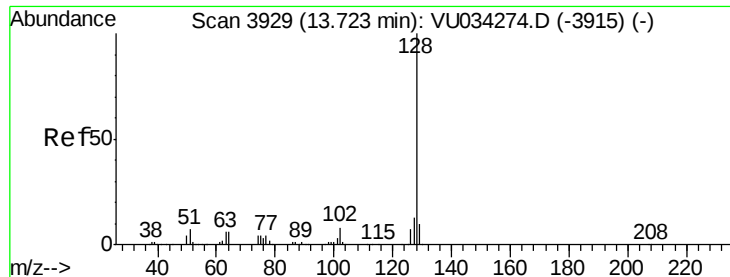
Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.6	47.9	143.8
145	26.8	14.4	43.0



#94
 Hexachlorobutadiene
 Concen: 19.689 ug/l
 RT: 13.67 min Scan# 3914
 Delta R.T. 0.00 min
 Lab File: VU034282.D
 Acq: 05 Sep 2019 14:35

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.6	31.6	94.7
227	62.8	32.3	96.8

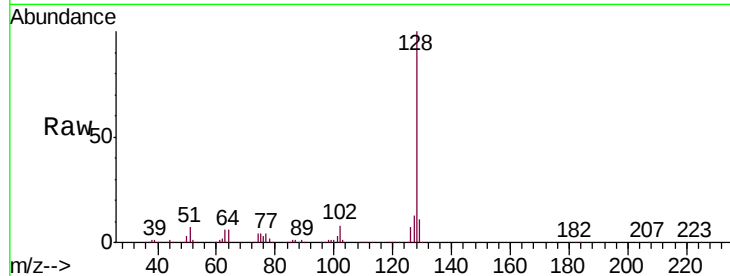




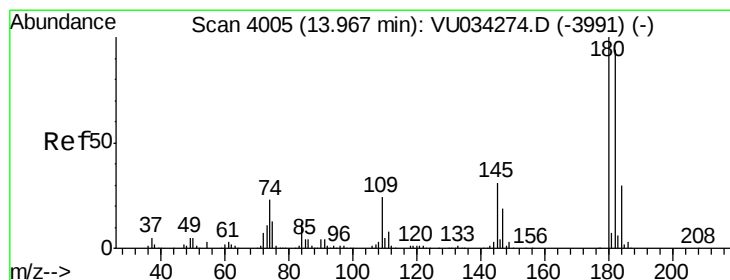
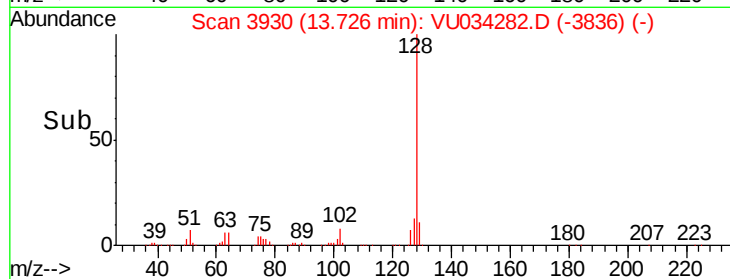
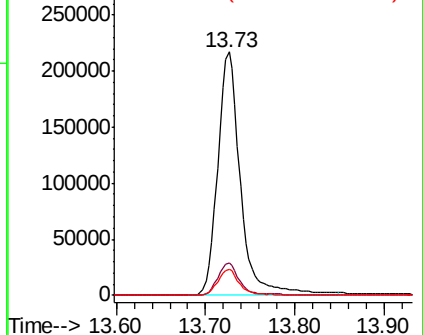
#95
Naphthalene
Concen: 21.078 ug/l
RT: 13.73 min Scan# 3930
Delta R.T. 0.00 min
Lab File: VU034282.D
Acq: 05 Sep 2019 14:35

Instrument :
MSVOA_U
ClientSampleId :
VU0906WBSD01

Tgt Ion:128 Resp: 384946
Ion Ratio Lower Upper
128 100
127 13.0 10.6 15.8
129 9.7 8.4 12.6

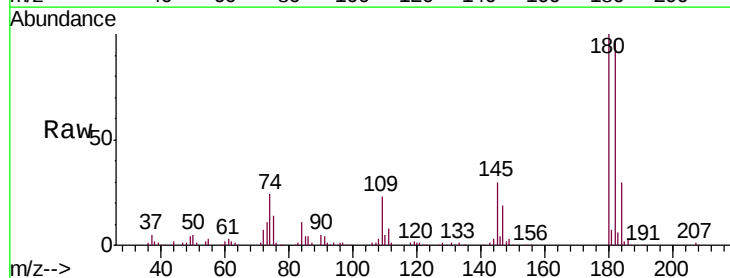


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 20.704 ug/l
RT: 13.97 min Scan# 4005
Delta R.T. 0.00 min
Lab File: VU034282.D
Acq: 05 Sep 2019 14:35

Tgt Ion:180 Resp: 135488
Ion Ratio Lower Upper
180 100
182 99.0 48.4 145.0
145 30.2 15.4 46.4



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

