

Data File : VU034292.D
Acq On : 05 Sep 2019 18:38
Operator : JC/SP
Sample : VU0906WBSD02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU0906WBSD02

Quant Time: Sep 06 07:39:31 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	314373	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.87	114	467001	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	467378	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	305028	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	246830	51.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.78%	
35) Dibromofluoromethane	4.86	113	212608	48.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.86%	
50) Toluene-d8	7.55	98	846687	51.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.72%	
62) 4-Bromofluorobenzene	10.29	95	312722	49.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.22%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	62254	18.934	ug/l	97
3) Chloromethane	1.32	50	75181	21.115	ug/l	98
4) Vinyl Chloride	1.40	62	78438	19.145	ug/l	99
5) Bromomethane	1.62	94	48529	20.858	ug/l	99
6) Chloroethane	1.69	64	50257	20.514	ug/l	99
7) Trichlorofluoromethane	1.88	101	106440	19.376	ug/l	100
8) Diethyl Ether	2.10	74	48195	19.945	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.28	101	71439	19.634	ug/l	99
10) Methyl Iodide	2.40	142	43567	15.927	ug/l	98
11) Tert butyl alcohol	2.81	59	101007	100.516	ug/l	97
12) 1,1-Dichloroethene	2.27	96	66670	19.492	ug/l	98
13) Acrolein	2.18	56	64057	75.843	ug/l	96
14) Allyl chloride	2.58	41	112754	17.243	ug/l	92
15) Acrylonitrile	2.92	53	261737	104.594	ug/l	97
16) Acetone	2.31	43	214012	86.944	ug/l	99
17) Carbon Disulfide	2.47	76	140307	18.252	ug/l	100
18) Methyl Acetate	2.60	43	115713	19.319	ug/l	99
19) Methyl tert-butyl Ether	2.98	73	263001	21.096	ug/l	98
20) Methylene Chloride	2.69	84	86897	21.324	ug/l	99
21) trans-1,2-Dichloroethene	2.97	96	73030	20.261	ug/l	97
22) Diisopropyl ether	3.55	45	271913	21.323	ug/l	95
23) Vinyl Acetate	3.51	43	1106132	106.487	ug/l	100
24) 1,1-Dichloroethane	3.43	63	150143	19.715	ug/l	100
25) 2-Butanone	4.24	43	334632	101.843	ug/l	100
26) 2,2-Dichloropropane	4.20	77	116721	19.056	ug/l	99
27) cis-1,2-Dichloroethene	4.21	96	90235	20.613	ug/l	99
28) Bromochloromethane	4.53	49	71062	20.287	ug/l	100
29) Tetrahydrofuran	4.62	42	213725	106.894	ug/l	99
30) Chloroform	4.65	83	154246	19.926	ug/l	98
31) Cyclohexane	4.97	56	111819	20.070	ug/l	95
32) 1,1,1-Trichloroethane	4.89	97	125865	20.337	ug/l	99
36) 1,1-Dichloropropene	5.12	75	96912	19.135	ug/l	99
37) Ethyl Acetate	4.36	43	120247	20.081	ug/l	99
38) Carbon Tetrachloride	5.11	117	105433	19.497	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.40	83	105329	19.454	ug/l	98
40) Benzene	5.37	78	326243	19.963	ug/l	100
41) Methacrylonitrile	4.52	41	67451	21.147	ug/l	99
42) 1,2-Dichloroethane	5.38	62	111434	19.639	ug/l	100
43) Isopropyl Acetate	5.53	43	188229	20.150	ug/l	98
44) Trichloroethene	6.17	130	89453	19.780	ug/l	96
45) 1,2-Dichloropropane	6.41	63	94882	19.860	ug/l	99
46) Dibromomethane	6.54	93	59498	19.840	ug/l	99
47) Bromodichloromethane	6.74	83	119981	19.436	ug/l	98
48) Methyl methacrylate	6.60	41	86824	19.569	ug/l	98
49) 1,4-Dioxane	6.59	88	36608	377.859	ug/l	99
51) 4-Methyl-2-Pentanone	7.44	43	653184	101.017	ug/l	100
52) Toluene	7.62	92	205445	20.040	ug/l	97
53) t-1,3-Dichloropropene	7.86	75	123304	19.269	ug/l	98
54) cis-1,3-Dichloropropene	7.25	75	140329	19.981	ug/l	99
55) 1,1,2-Trichloroethane	8.05	97	90067	19.348	ug/l	100
56) Ethyl methacrylate	8.00	69	130301	20.367	ug/l	98
57) 1,3-Dichloropropane	8.22	76	148348	19.571	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.11	63	203792	96.126	ug/l	98
59) 2-Hexanone	8.34	43	483984	100.194	ug/l	100
60) Dibromochloromethane	8.46	129	99086	19.845	ug/l	100
61) 1,2-Dibromoethane	8.57	107	90208	19.799	ug/l	99
64) Tetrachloroethene	8.21	164	78758	19.424	ug/l	98
65) Chlorobenzene	9.10	112	235586	19.868	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.19	131	87931	19.431	ug/l	99
67) Ethyl Benzene	9.23	91	392130	20.226	ug/l	99
68) m/p-Xylenes	9.36	106	299303	40.996	ug/l	98
69) o-Xylene	9.76	106	147656	20.681	ug/l	100
70) Styrene	9.77	104	262536	20.973	ug/l	99
71) Bromoform	9.94	173	76261	19.445	ug/l #	100
73) Isopropylbenzene	10.15	105	404491	20.377	ug/l	100
74) N-amyl acetate	10.00	43	160654	20.106	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.44	83	157584	19.612	ug/l	99
76) 1,2,3-Trichloropropane	10.48	75	167337	25.132	ug/l	87
77) Bromobenzene	10.43	156	110292	19.871	ug/l	100
78) n-propylbenzene	10.57	91	468693	20.444	ug/l	100
79) 2-Chlorotoluene	10.64	91	284656	20.350	ug/l	100
80) 1,3,5-Trimethylbenzene	10.75	105	355310	21.402	ug/l	98
81) trans-1,4-Dichloro-2-buten	10.48	75	167337	84.519	ug/l #	100
82) 4-Chlorotoluene	10.75	91	329663	20.479	ug/l	99
83) tert-Butylbenzene	11.08	119	337602	20.328	ug/l	99
84) 1,2,4-Trimethylbenzene	11.13	105	350319	20.963	ug/l	99
85) sec-Butylbenzene	11.30	105	411486	20.987	ug/l	99
86) p-Isopropyltoluene	11.46	119	374777	20.709	ug/l	100
87) 1,3-Dichlorobenzene	11.40	146	198721	19.620	ug/l	100
88) 1,4-Dichlorobenzene	11.49	146	205707	19.472	ug/l	98
89) n-Butylbenzene	11.87	91	321038	20.414	ug/l	99
90) Hexachloroethane	12.12	117	53900	18.616	ug/l	100
91) 1,2-Dichlorobenzene	11.86	146	199825	20.075	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.64	75	29970	20.298	ug/l	99

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

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QLast Update : Fri Sep 06 05:10:13 2019
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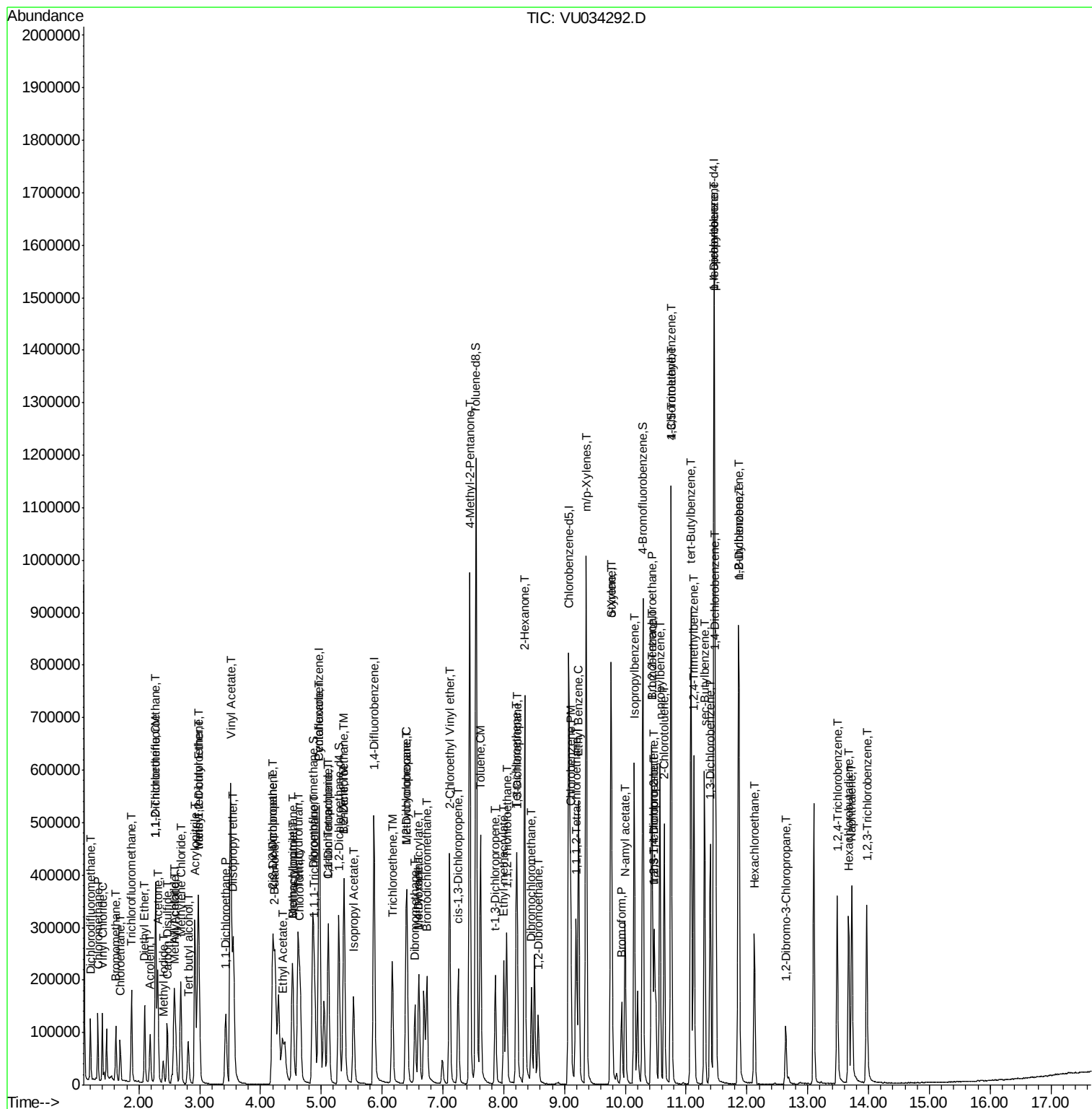
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.49	180	125645	19.654	ug/l	99
94) Hexachlorobutadiene	13.67	225	64830	18.619	ug/l	99
95) Naphthalene	13.73	128	342271	19.467	ug/l	99
96) 1,2,3-Trichlorobenzene	13.97	180	129939	20.290	ug/l	98

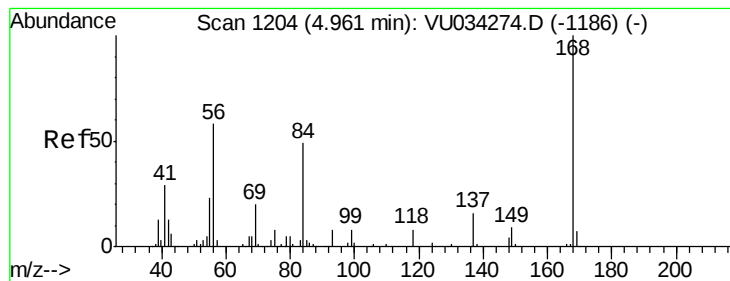
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.96 min Scan# 1204

Delta R.T. 0.00 min

Lab File: VU034292.D

Acq: 05 Sep 2019 18:38

Instrument :

MSVOA_U

ClientSampleId :

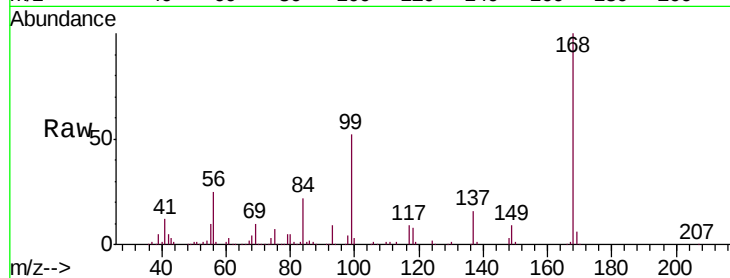
VU0906WBSD02

Tgt Ion:168 Resp: 314373

Ion Ratio Lower Upper

168 100

99 51.6 41.6 62.4



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

Ion 98.90 (98.60 to 99.60): VU034292.D (-1111) (-)

4.96

150000

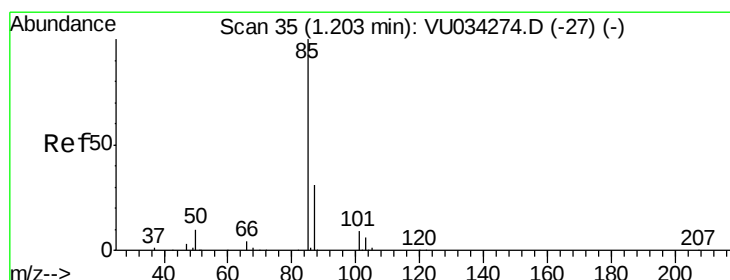
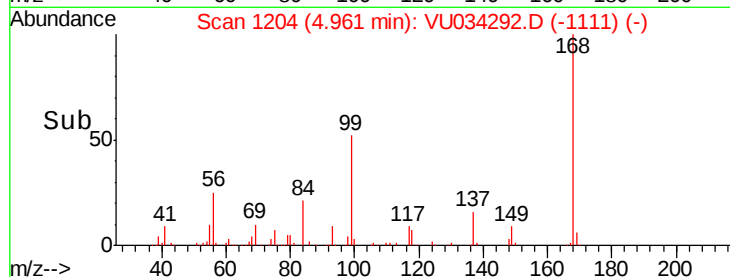
100000

50000

0

4.90 5.00 5.10

Time-->



#2

Dichlorodifluoromethane

Concen: 18.934 ug/l

RT: 1.20 min Scan# 35

Delta R.T. 0.00 min

Lab File: VU034292.D

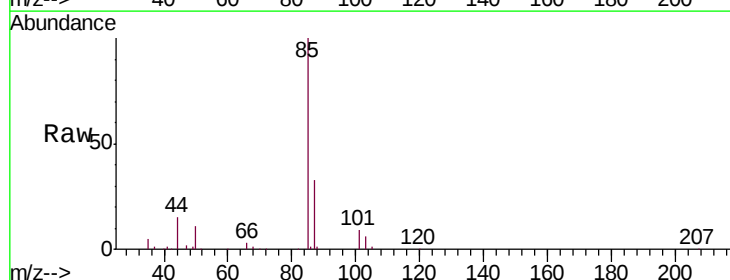
Acq: 05 Sep 2019 18:38

Tgt Ion: 85 Resp: 62254

Ion Ratio Lower Upper

85 100

87 32.8 15.7 47.0



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

Ion 86.90 (86.60 to 87.60): VU034292.D (-1) (-)

1.20

60000

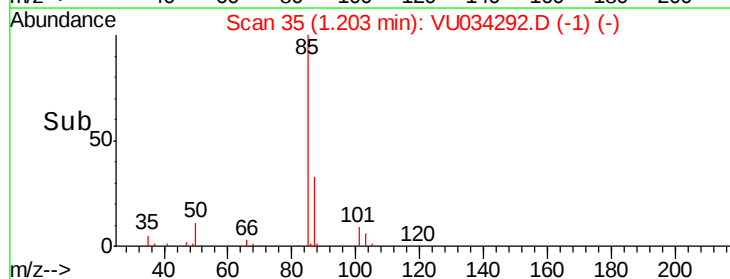
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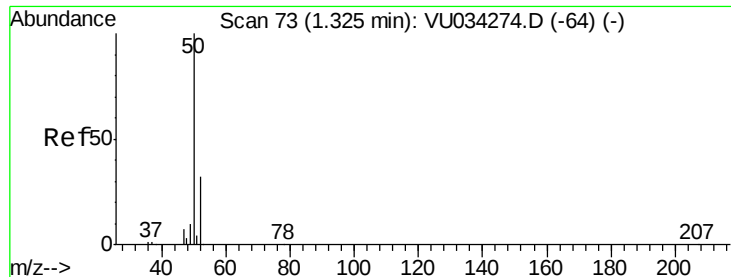
20000

0

1.15 1.20 1.25

Time-->

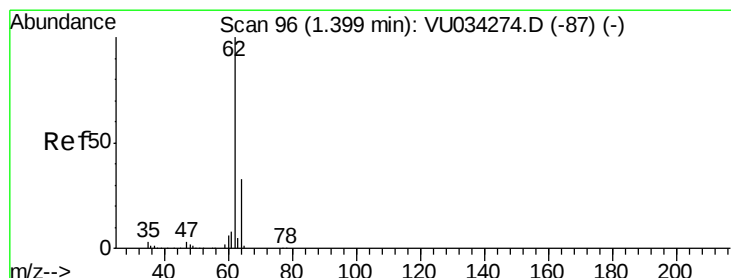
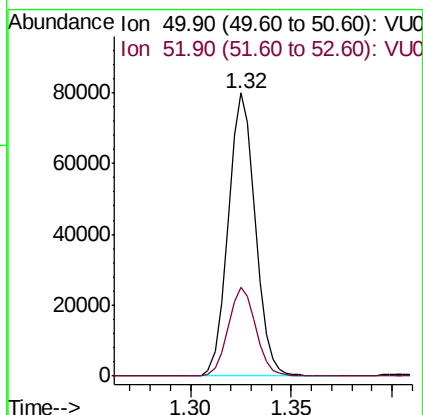
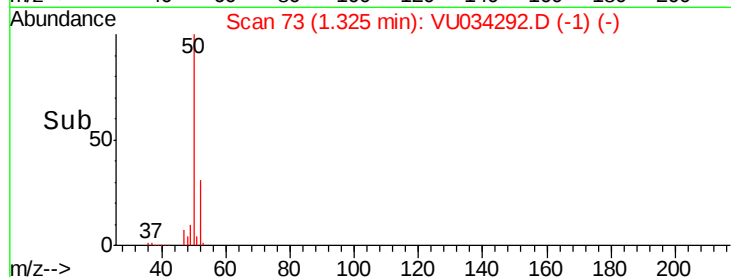
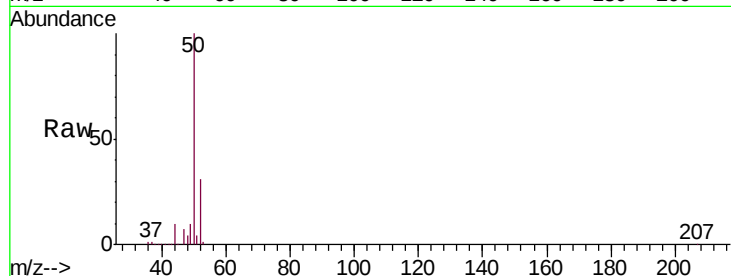




#3
Chloromethane
Concen: 21.115 ug/l
RT: 1.32 min Scan# 73
Delta R.T. 0.00 min
Lab File: VU034292.D
Acq: 05 Sep 2019 18:38

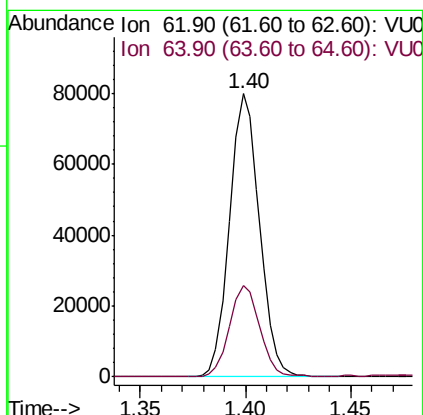
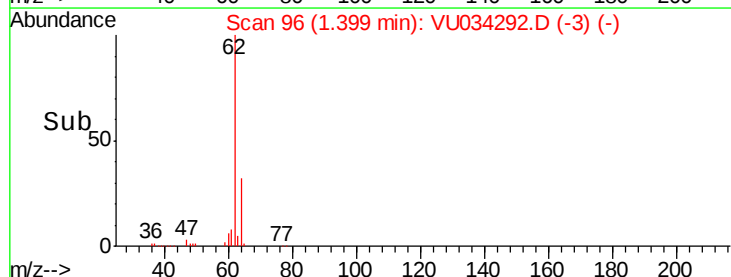
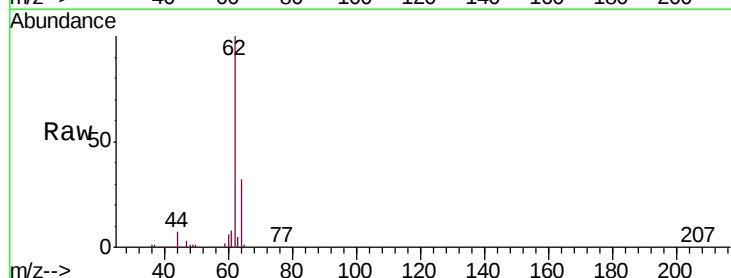
Instrument :
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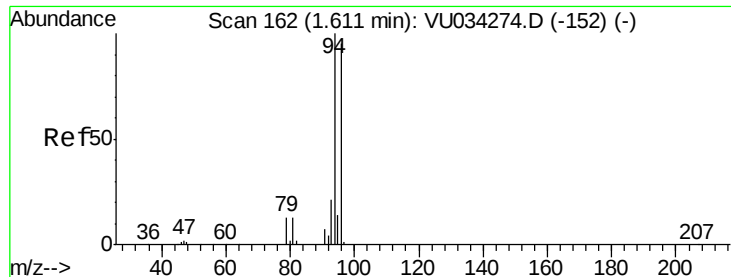
Tgt Ion: 50 Resp: 75181
Ion Ratio Lower Upper
50 100
52 31.3 25.8 38.6



#4
Vinyl Chloride
Concen: 19.145 ug/l
RT: 1.40 min Scan# 96
Delta R.T. 0.00 min
Lab File: VU034292.D
Acq: 05 Sep 2019 18:38

Tgt Ion: 62 Resp: 78438
Ion Ratio Lower Upper
62 100
64 32.4 26.2 39.4





#5

Bromomethane

Concen: 20.858 ug/l

RT: 1.62 min Scan# 165

Delta R.T. 0.01 min

Lab File: VU034292.D

Acq: 05 Sep 2019 18:38

Instrument :

MSVOA_U

ClientSampleId :

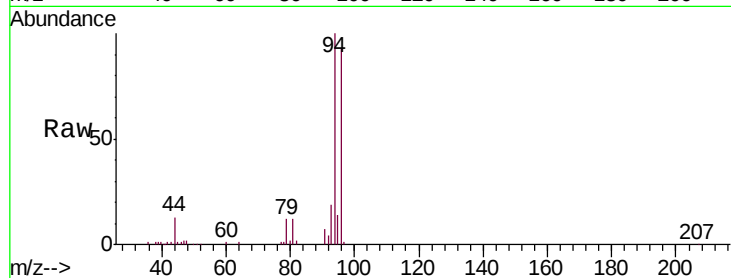
VU0906WBSD02

Tgt Ion: 94 Resp: 48529

Ion Ratio Lower Upper

94 100

96 93.3 75.7 113.5



Abundance Ion 93.90 (93.60 to 94.60): VU034292.D (-68) (-)

Ion 95.90 (95.60 to 96.60): VU034292.D (-68) (-)

1.62

40000

30000

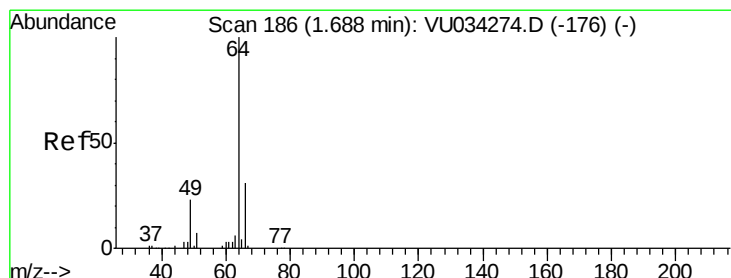
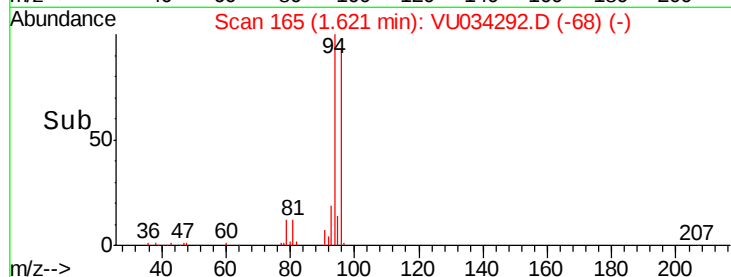
20000

10000

0

1.55 1.60 1.65 1.70

Time-->



#6

Chloroethane

Concen: 20.514 ug/l

RT: 1.69 min Scan# 188

Delta R.T. 0.01 min

Lab File: VU034292.D

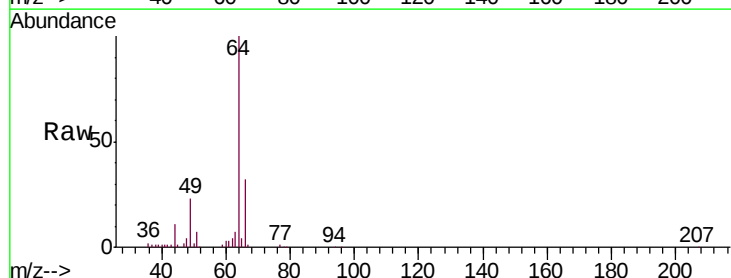
Acq: 05 Sep 2019 18:38

Tgt Ion: 64 Resp: 50257

Ion Ratio Lower Upper

64 100

66 32.0 25.0 37.6



Abundance Ion 63.90 (63.60 to 64.60): VU034292.D (-93) (-)

Ion 65.90 (65.60 to 66.60): VU034292.D (-93) (-)

1.69

40000

30000

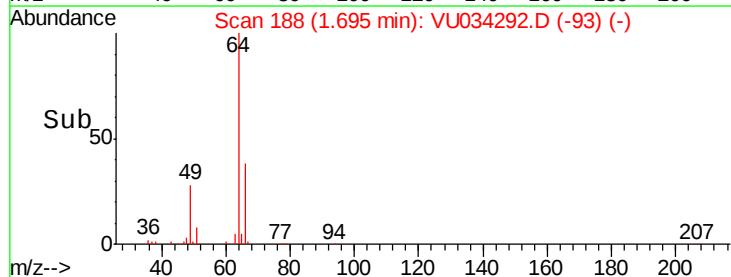
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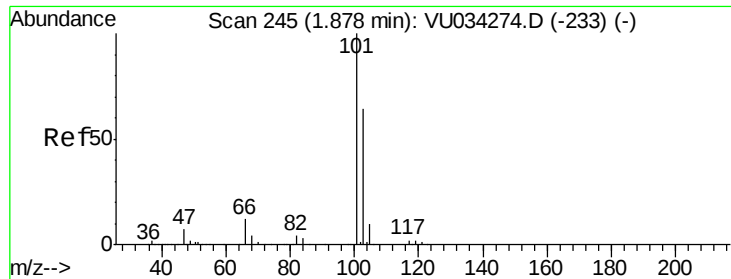
10000

0

1.65 1.70 1.75

Time-->



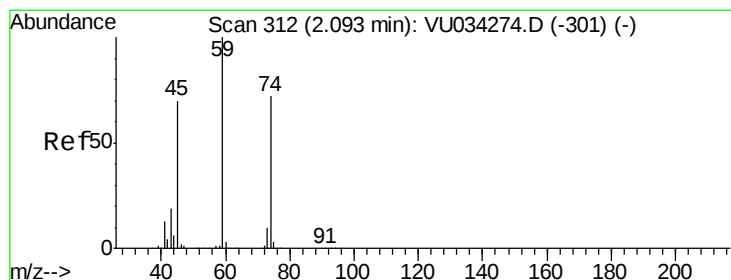
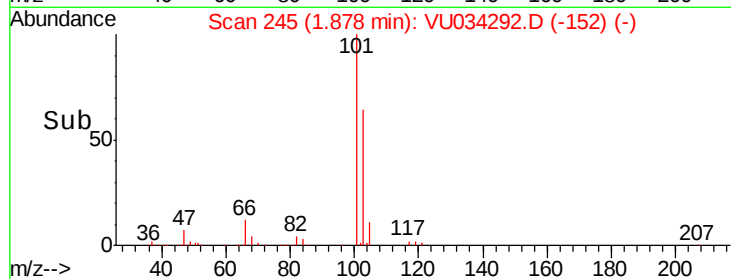
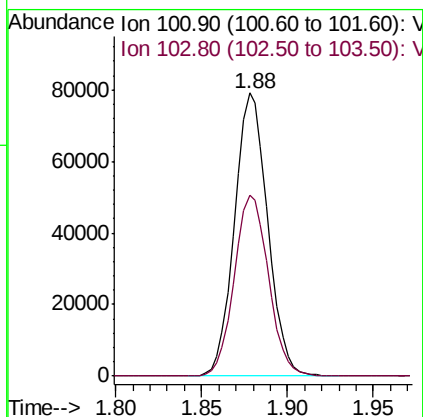
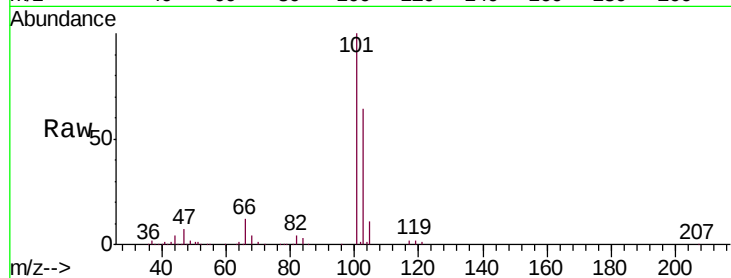


#7

Trichlorofluoromethane
 Concen: 19.376 ug/l
 RT: 1.88 min Scan# 245
 Delta R.T. 0.00 min
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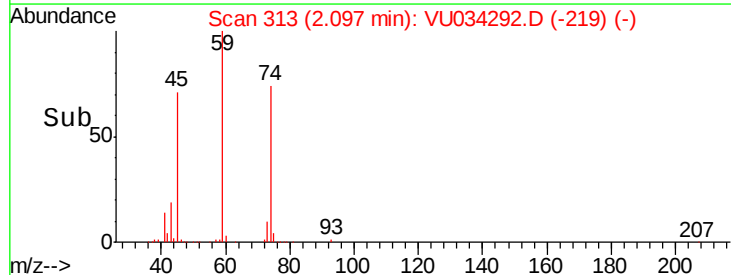
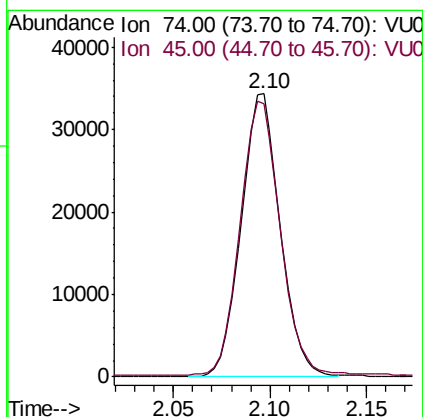
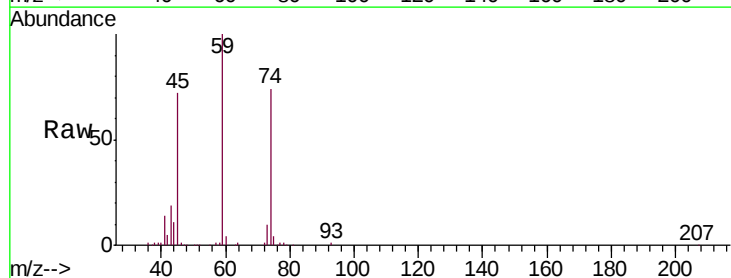
Tgt Ion:101 Resp: 106440
 Ion Ratio Lower Upper
 101 100
 103 63.9 51.0 76.6

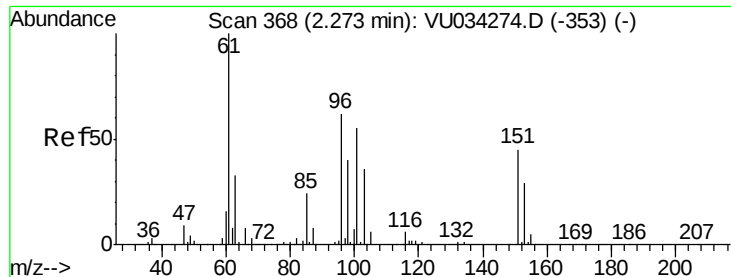


#8

Diethyl Ether
 Concen: 19.945 ug/l
 RT: 2.10 min Scan# 313
 Delta R.T. 0.00 min
 Lab File: VU034292.D
 Acq: 05 Sep 2019 18:38

Tgt Ion: 74 Resp: 48195
 Ion Ratio Lower Upper
 74 100
 45 99.0 48.2 144.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.634 ug/l

RT: 2.28 min Scan# 369

Delta R.T. 0.00 min

Lab File: VU034292.D

Acq: 05 Sep 2019 18:38

Instrument :

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VU0906WBSD02

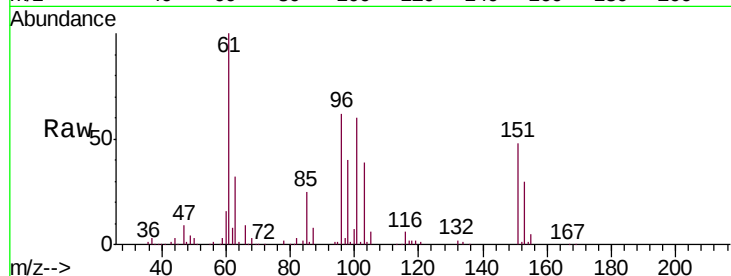
Tgt Ion:101 Resp: 71439

Ion Ratio Lower Upper

101 100

85 41.2 34.4 51.6

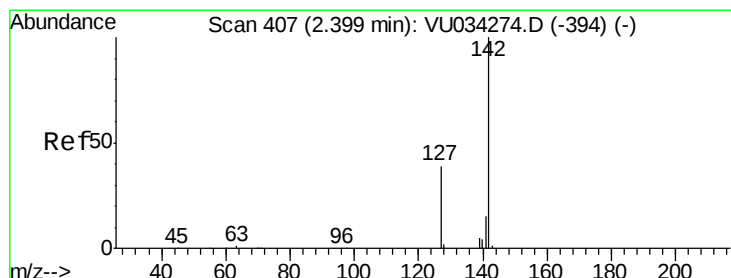
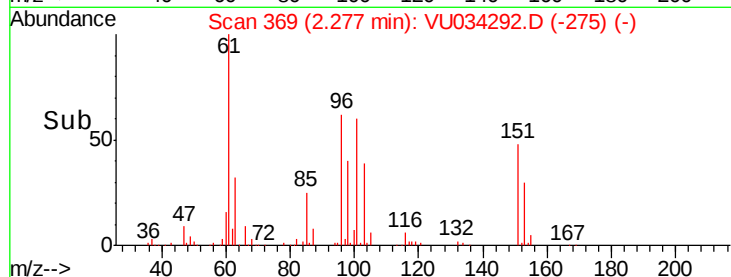
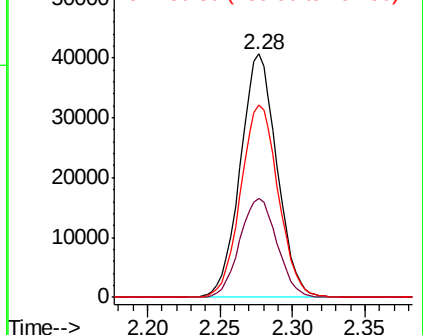
151 81.1 64.4 96.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VU0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 15.927 ug/l

RT: 2.40 min Scan# 408

Delta R.T. 0.00 min

Lab File: VU034292.D

Acq: 05 Sep 2019 18:38

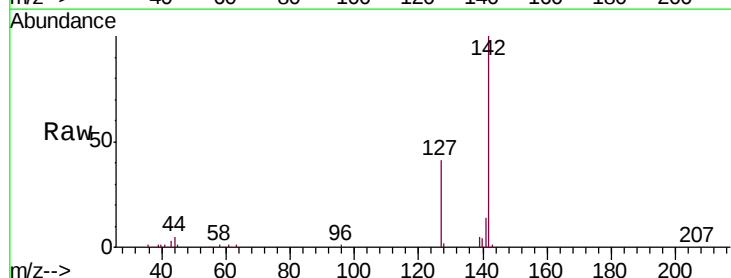
Tgt Ion:142 Resp: 43567

Ion Ratio Lower Upper

142 100

127 41.6 32.1 48.1

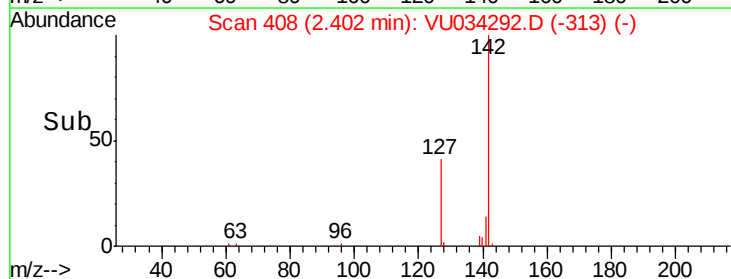
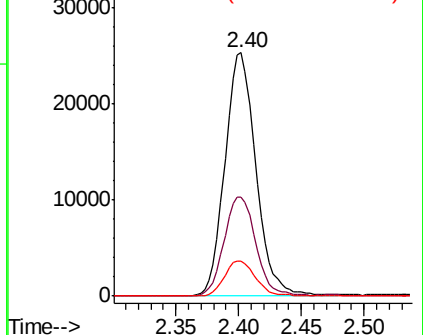
141 14.4 11.5 17.3

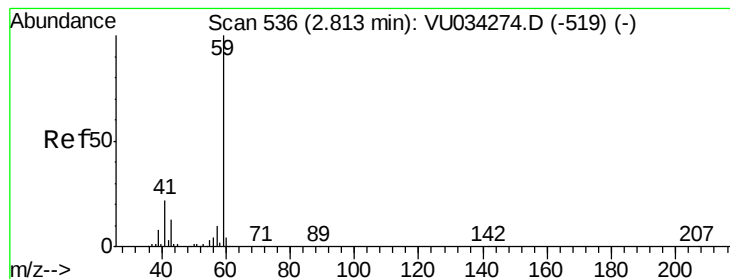


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



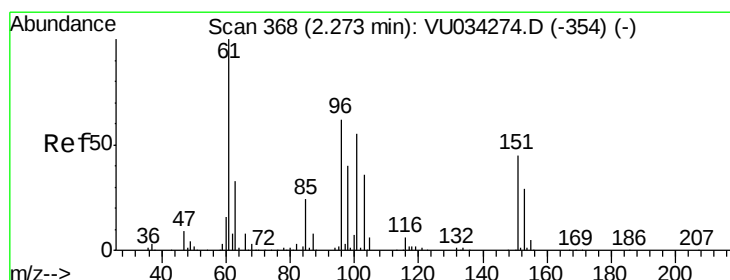
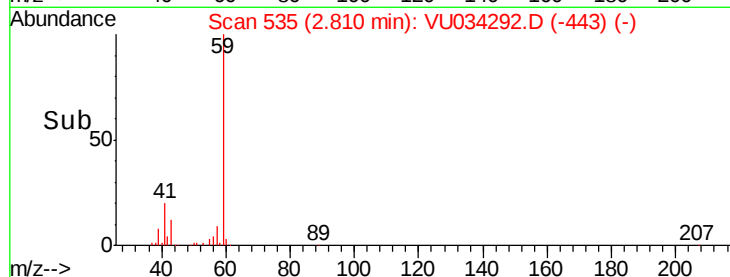
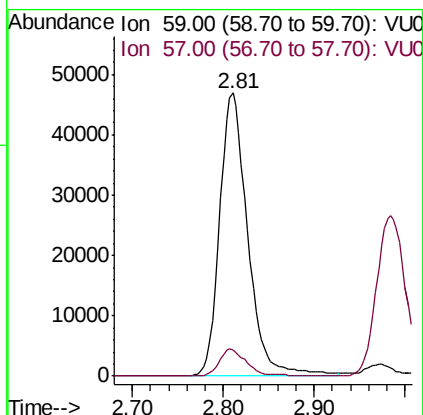
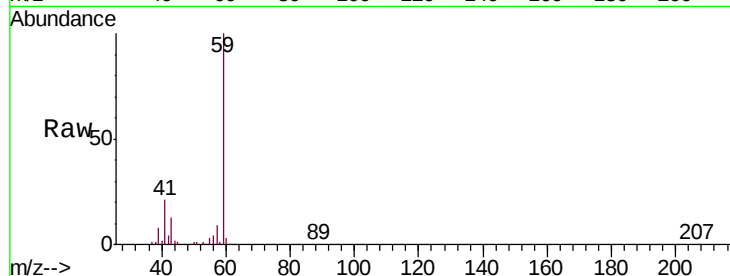


#11

Tert butyl alcohol
 Concen: 100.516 ug/l
 RT: 2.81 min Scan# 535
 Delta R.T. -0.00 min
 Lab File: VU034292.D
 Acq: 05 Sep 2019 18:38

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0906WBSD02

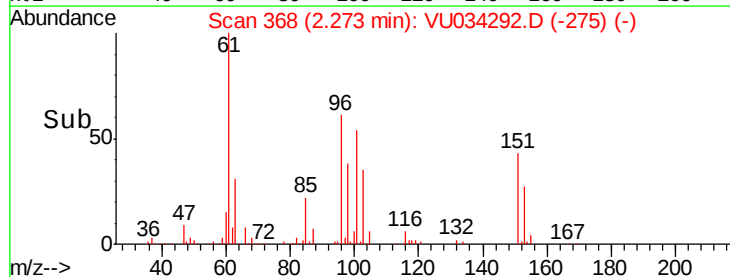
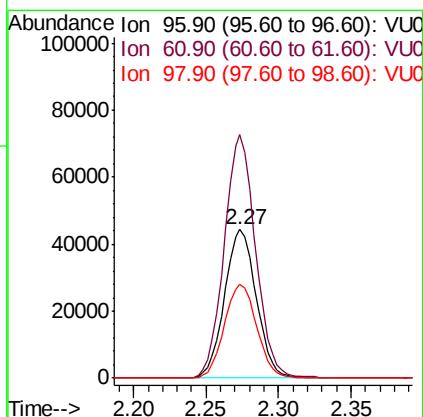
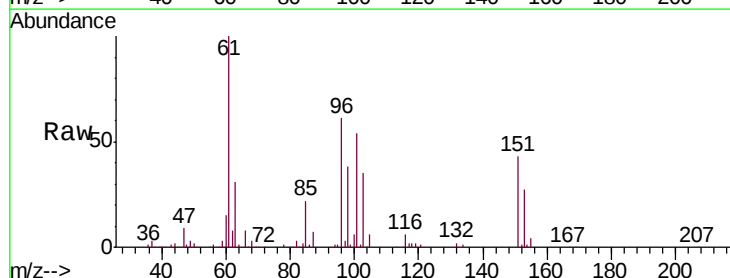
Tgt Ion: 59 Resp: 101007
 Ion Ratio Lower Upper
 59 100
 57 8.9 7.9 11.9

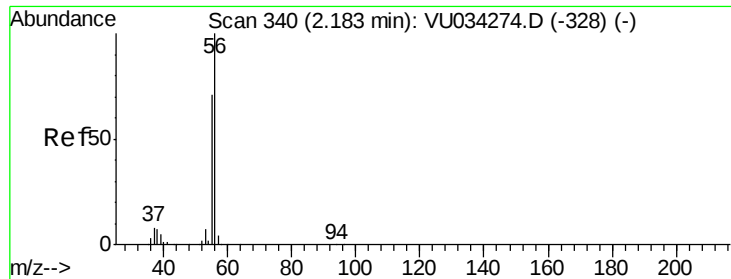


#12

1,1-Dichloroethene
 Concen: 19.492 ug/l
 RT: 2.27 min Scan# 368
 Delta R.T. 0.00 min
 Lab File: VU034292.D
 Acq: 05 Sep 2019 18:38

Tgt Ion: 96 Resp: 66670
 Ion Ratio Lower Upper
 96 100
 61 164.1 130.0 195.0
 98 63.0 52.2 78.4





#13

Acrolein

Concen: 75.843 ug/l

RT: 2.18 min Scan# 340

Delta R.T. 0.00 min

Lab File: VU034292.D

Acq: 05 Sep 2019 18:38

Instrument :

MSVOA_U

ClientSampleId :

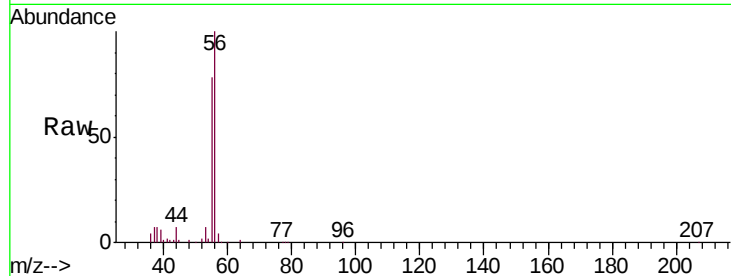
VU0906WBSD02

Tgt Ion: 56 Resp: 64057

Ion Ratio Lower Upper

56 100

55 74.8 57.4 86.2

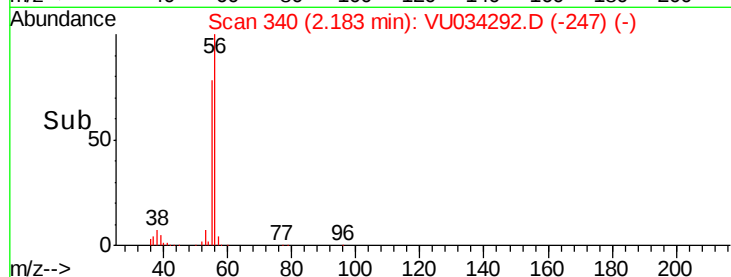


Abundance Ion 56.00 (55.70 to 56.70): VU034274.D (-328) (-)

Ion 55.00 (54.70 to 55.70): VU034292.D (-247) (-)

2.18

Time-->



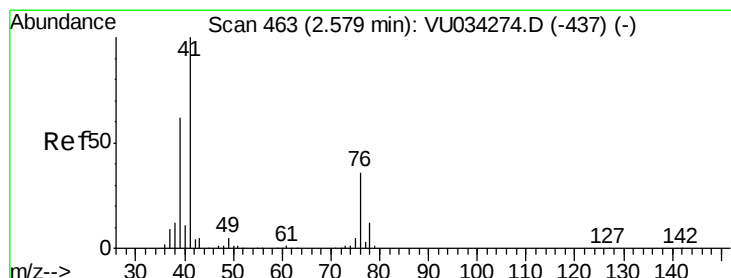
Abundance

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

Ion 55.00 (54.70 to 55.70): VU034292.D (-247) (-)

2.18

Time-->



#14

Allyl chloride

Concen: 17.243 ug/l

RT: 2.58 min Scan# 464

Delta R.T. 0.00 min

Lab File: VU034292.D

Acq: 05 Sep 2019 18:38

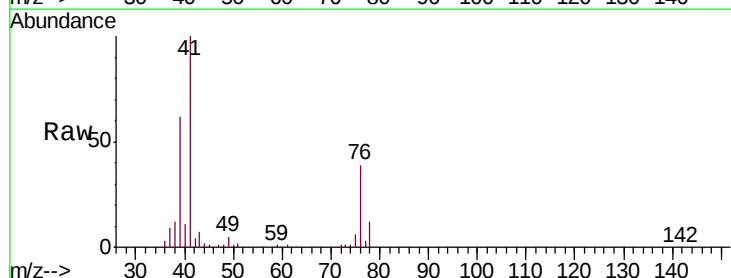
Tgt Ion: 41 Resp: 112754

Ion Ratio Lower Upper

41 100

39 59.8 43.5 65.3

76 38.8 27.0 40.6



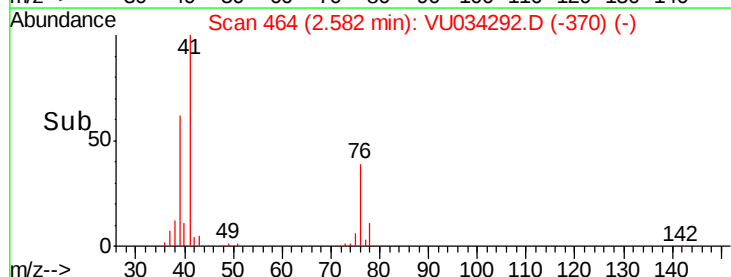
Abundance Ion 41.00 (40.70 to 41.70): VU034274.D (-437) (-)

Ion 39.00 (38.70 to 39.70): VU034292.D (-370) (-)

Ion 75.90 (75.60 to 76.60): VU034292.D (-370) (-)

2.58

Time-->



Abundance

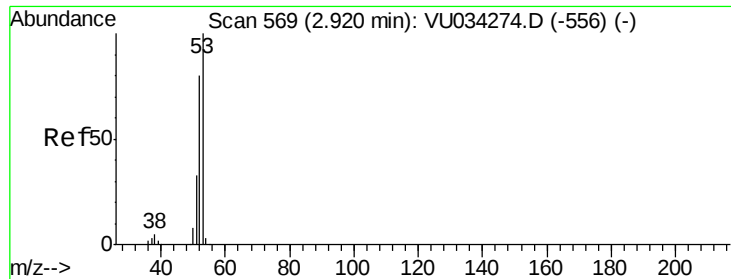
Ion 41.00 (40.70 to 41.70): VU034274.D (-437) (-)

Ion 39.00 (38.70 to 39.70): VU034292.D (-370) (-)

Ion 75.90 (75.60 to 76.60): VU034292.D (-370) (-)

2.58

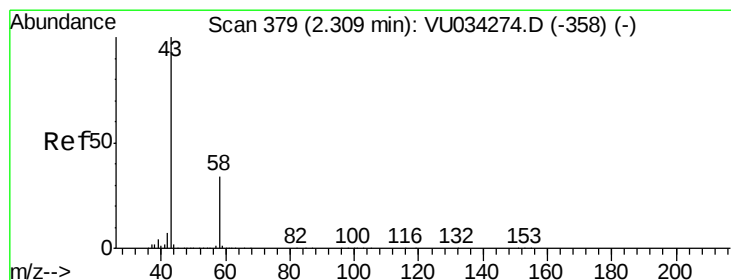
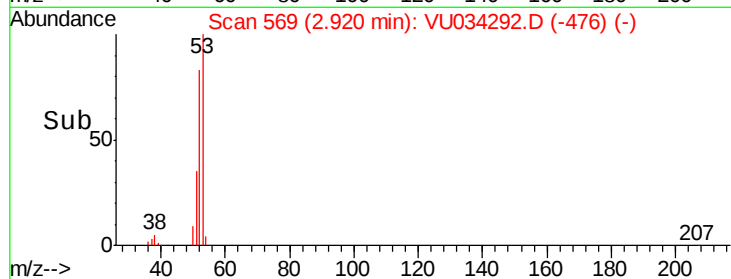
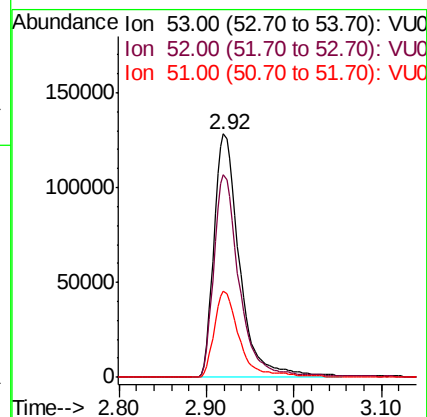
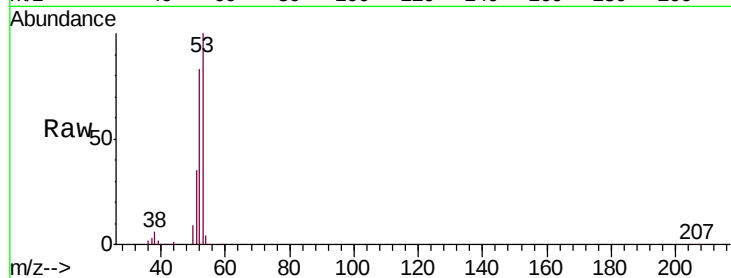
Time-->



#15
 Acrylonitrile
 Concen: 104.594 ug/l
 RT: 2.92 min Scan# 569
 Delta R.T. 0.00 min
 Lab File: VU034292.D
 Acq: 05 Sep 2019 18:38

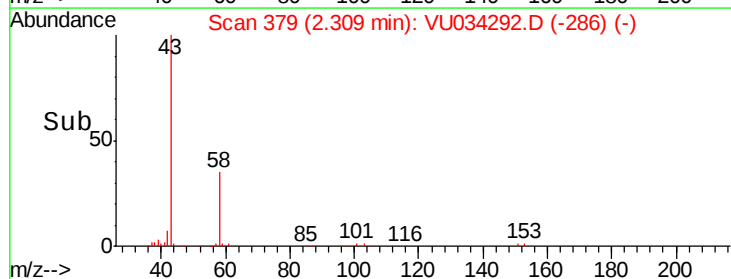
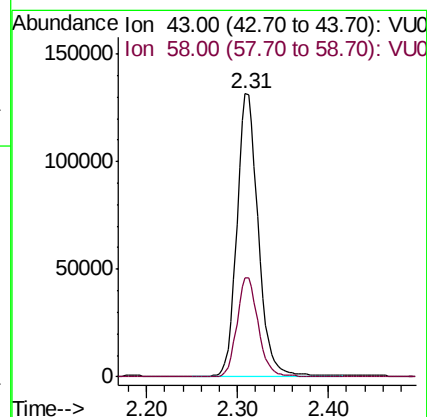
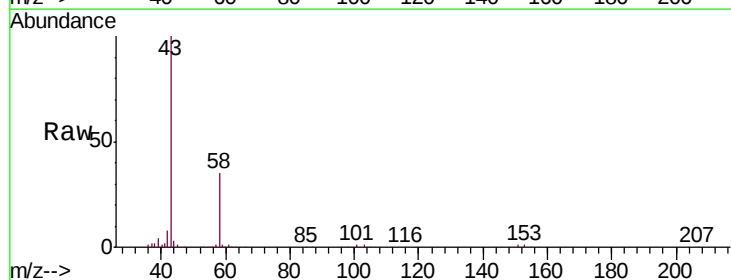
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0906WBSD02

Tgt Ion: 53 Resp: 261737
 Ion Ratio Lower Upper
 53 100
 52 82.8 64.1 96.1
 51 34.9 27.4 41.0



#16
 Acetone
 Concen: 86.944 ug/l
 RT: 2.31 min Scan# 379
 Delta R.T. 0.00 min
 Lab File: VU034292.D
 Acq: 05 Sep 2019 18:38

Tgt Ion: 43 Resp: 214012
 Ion Ratio Lower Upper
 43 100
 58 35.1 27.6 41.4

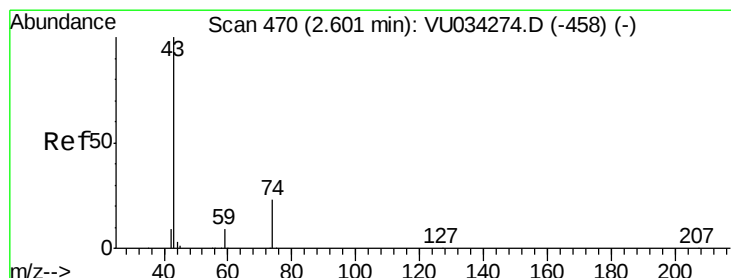
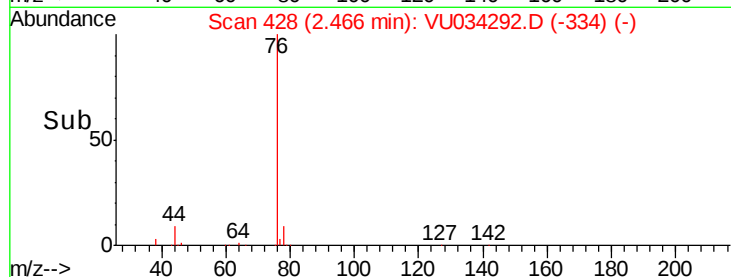
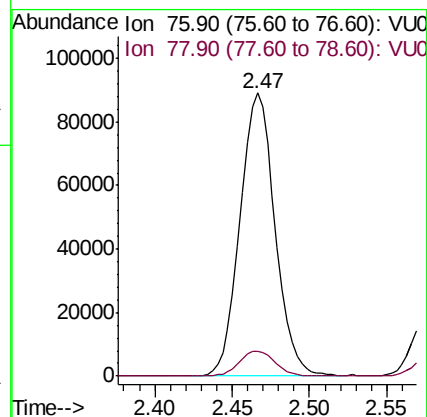
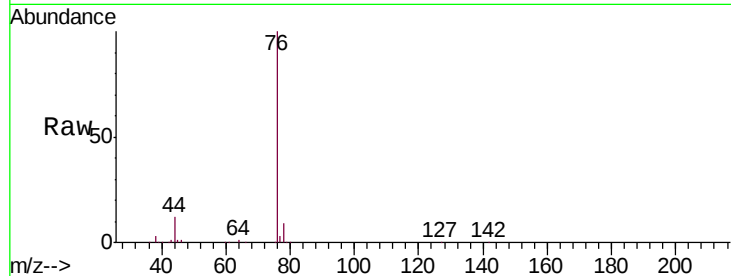




#17
Carbon Disulfide
Concen: 18.252 ug/l
RT: 2.47 min Scan# 428
Delta R.T. 0.00 min
Lab File: VU034292.D
Acq: 05 Sep 2019 18:38

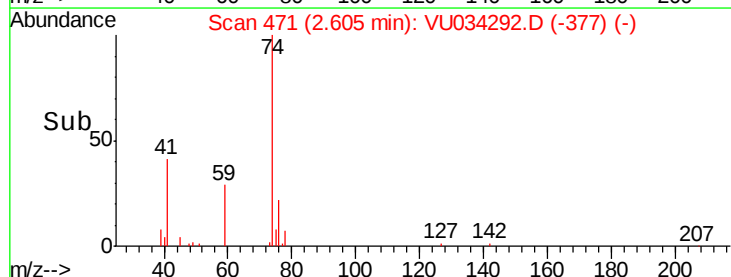
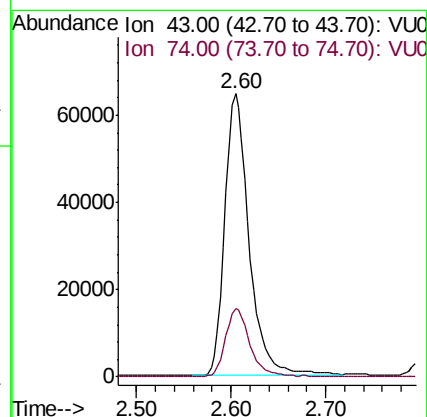
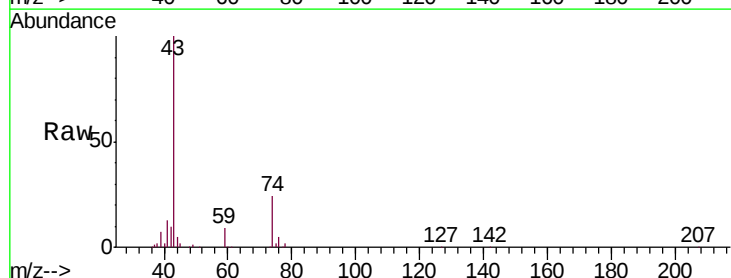
Instrument :
MSVOA_U
ClientSampleId :
VU0906WBSD02

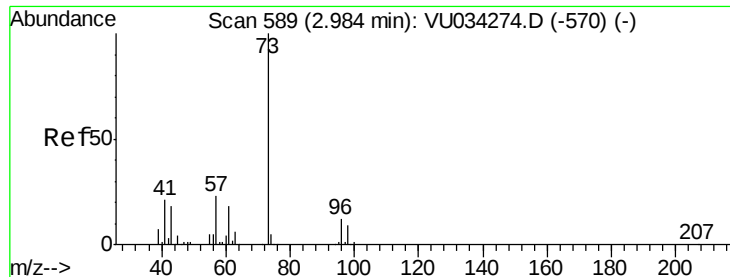
Tgt Ion: 76 Resp: 140307
Ion Ratio Lower Upper
76 100
78 8.9 7.2 10.8



#18
Methyl Acetate
Concen: 19.319 ug/l
RT: 2.60 min Scan# 471
Delta R.T. 0.00 min
Lab File: VU034292.D
Acq: 05 Sep 2019 18:38

Tgt Ion: 43 Resp: 115713
Ion Ratio Lower Upper
43 100
74 24.3 18.9 28.3

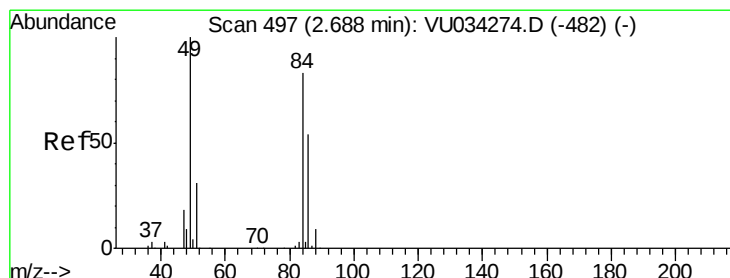
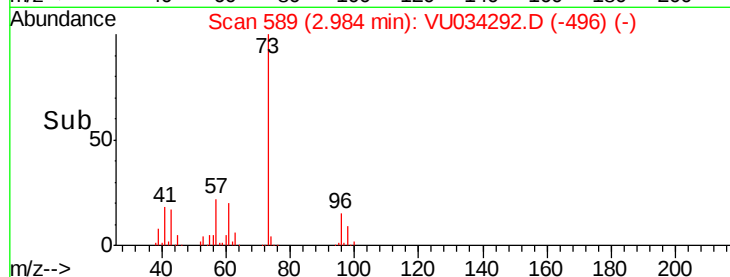
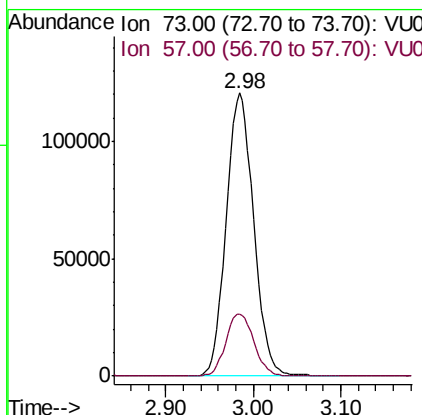
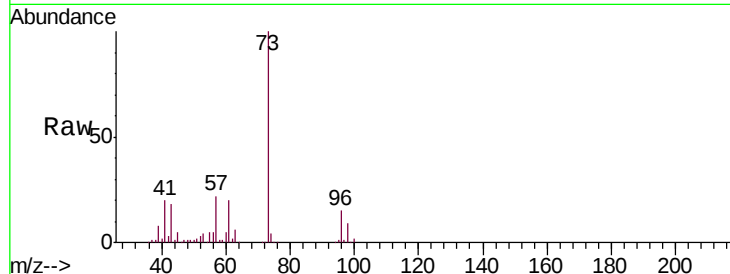




#19
Methyl tert-butyl Ether
Concen: 21.096 ug/l
RT: 2.98 min Scan# 589
Delta R.T. 0.00 min
Lab File: VU034292.D
Acq: 05 Sep 2019 18:38

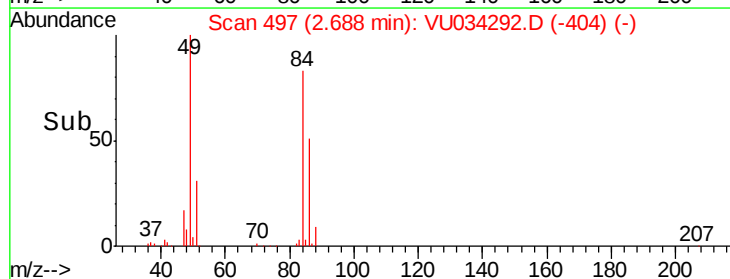
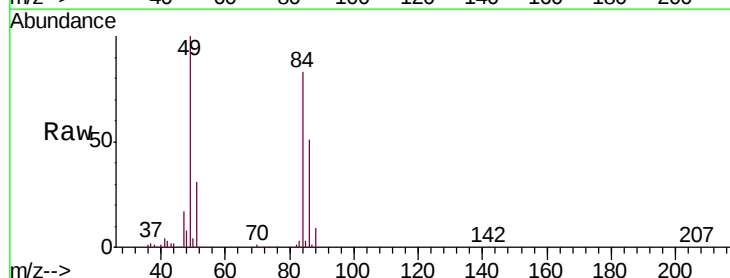
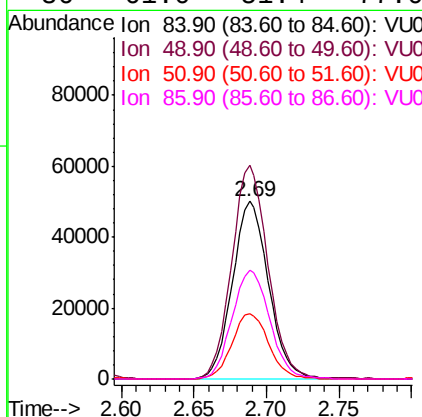
Instrument :
MSVOA_U
ClientSampleId :
VU0906WBSD02

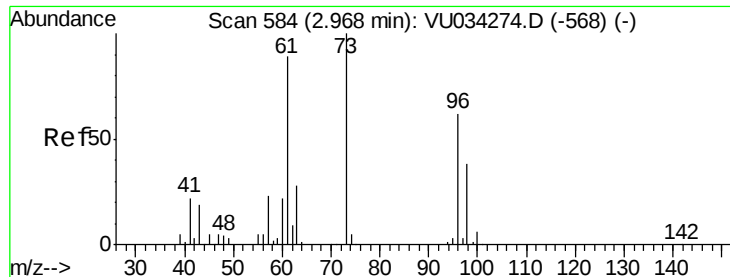
Tgt Ion: 73 Resp: 263001
Ion Ratio Lower Upper
73 100
57 22.0 18.2 27.4



#20
Methylene Chloride
Concen: 21.324 ug/l
RT: 2.69 min Scan# 497
Delta R.T. 0.00 min
Lab File: VU034292.D
Acq: 05 Sep 2019 18:38

Tgt Ion: 84 Resp: 86897
Ion Ratio Lower Upper
84 100
49 120.1 96.0 144.0
51 36.9 30.0 45.0
86 61.0 51.4 77.0





#21

trans-1,2-Dichloroethene

Concen: 20.261 ug/l

RT: 2.97 min Scan# 584

Delta R.T. 0.00 min

Lab File: VU034292.D

Acq: 05 Sep 2019 18:38

Instrument :

MSVOA_U

ClientSampleId :

VU0906WBSD02

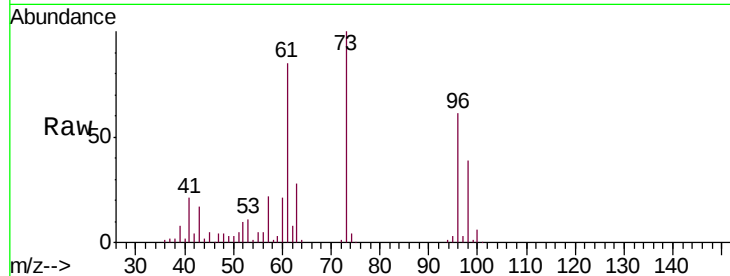
Tgt Ion: 96 Resp: 73030

Ion Ratio Lower Upper

96 100

61 140.3 114.8 172.2

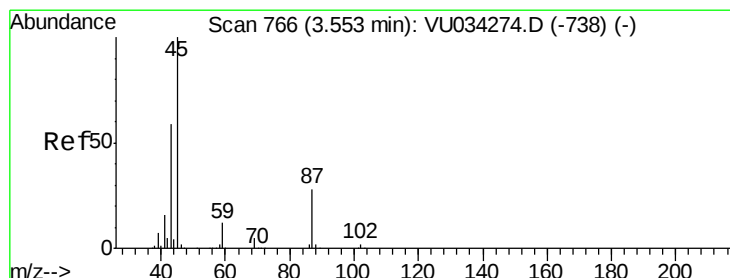
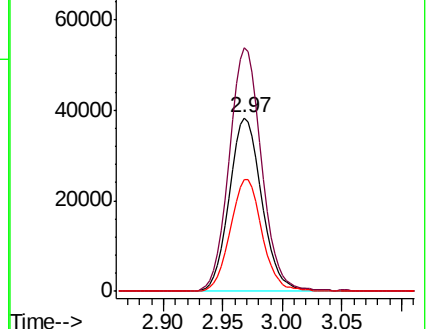
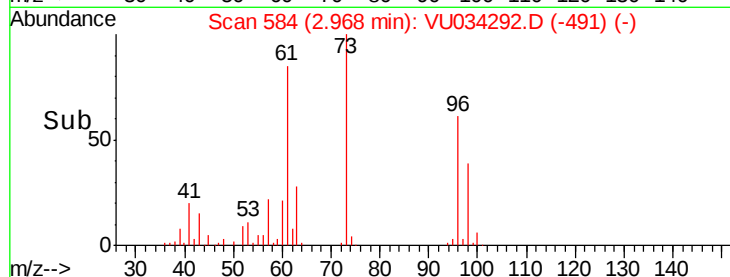
98 64.5 49.8 74.8



Abundance Ion 95.90 (95.60 to 96.60): VU034292.D (-491) (-)

Ion 60.90 (60.60 to 61.60): VU034292.D (-491) (-)

Ion 97.90 (97.60 to 98.60): VU034292.D (-491) (-)



#22

Diisopropyl ether

Concen: 21.323 ug/l

RT: 3.55 min Scan# 766

Delta R.T. 0.00 min

Lab File: VU034292.D

Acq: 05 Sep 2019 18:38

Tgt Ion: 45 Resp: 271913

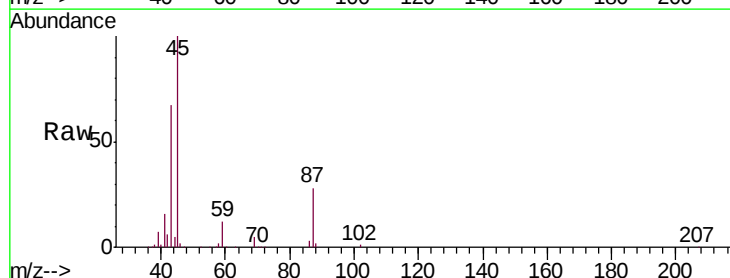
Ion Ratio Lower Upper

45 100

43 65.4 47.5 71.3

87 27.9 22.2 33.4

59 12.1 9.4 14.2

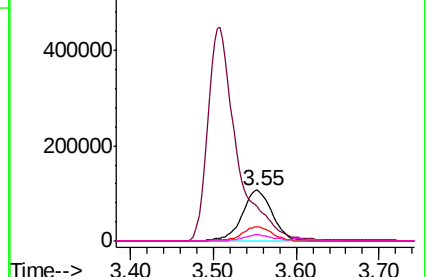
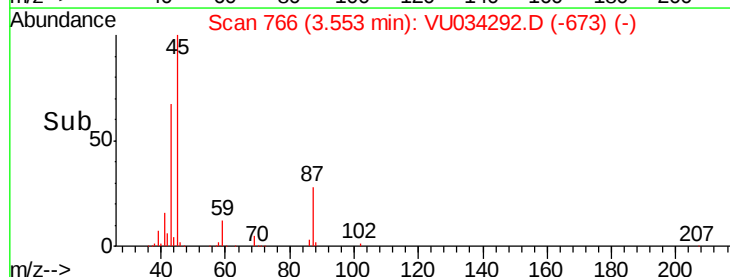


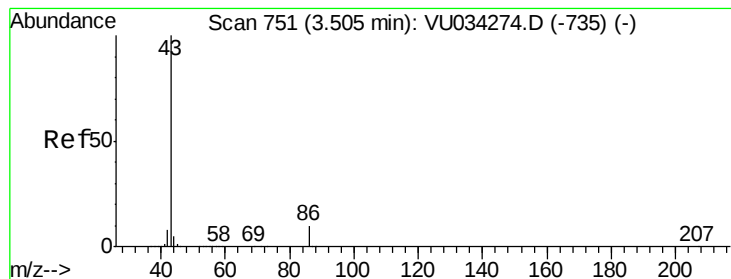
Abundance Ion 45.00 (44.70 to 45.70): VU034292.D (-673) (-)

Ion 43.00 (42.70 to 43.70): VU034292.D (-673) (-)

Ion 87.00 (86.70 to 87.70): VU034292.D (-673) (-)

Ion 59.00 (58.70 to 59.70): VU034292.D (-673) (-)





#23

Vinyl Acetate

Concen: 106.487 ug/l

RT: 3.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: VU034292.D

Acq: 05 Sep 2019 18:38

Instrument :

MSVOA_U

ClientSampleId :

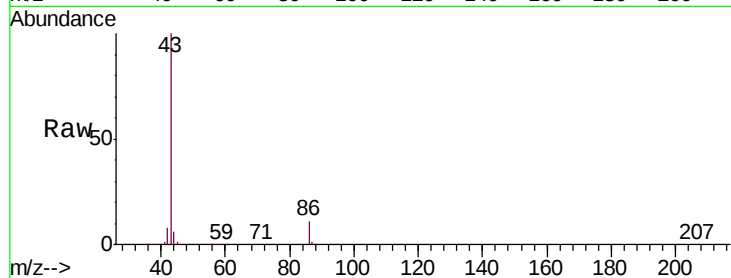
VU0906WBSD02

Tgt Ion: 43 Resp: 1106132

Ion Ratio Lower Upper

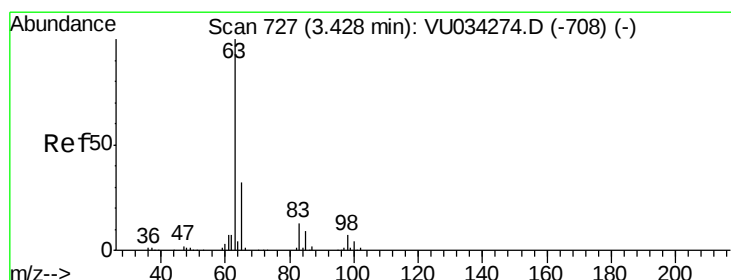
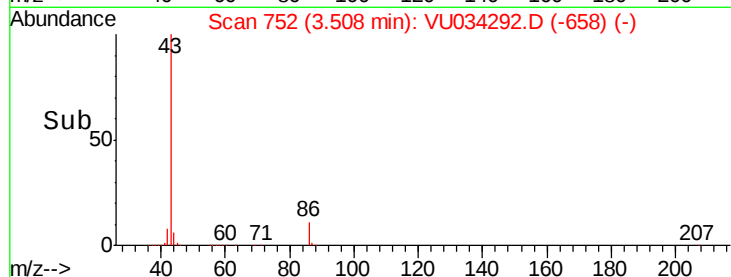
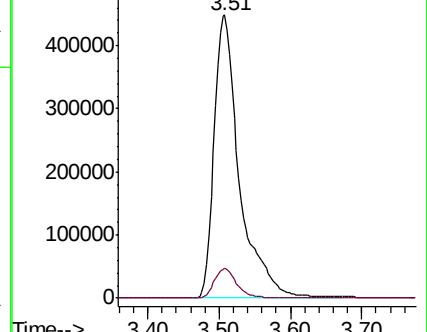
43 100

86 10.6 8.3 12.5



Abundance Ion 43.00 (42.70 to 43.70): VU034292.D (-658) (-)

Ion 86.00 (85.70 to 86.70): VU034292.D (-658) (-)



#24

1,1-Dichloroethane

Concen: 19.715 ug/l

RT: 3.43 min Scan# 727

Delta R.T. 0.00 min

Lab File: VU034292.D

Acq: 05 Sep 2019 18:38

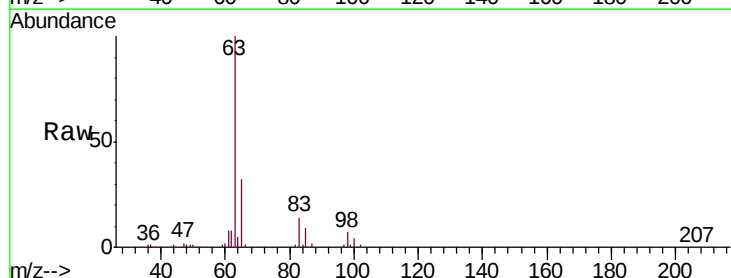
Tgt Ion: 63 Resp: 150143

Ion Ratio Lower Upper

63 100

98 6.7 3.5 10.4

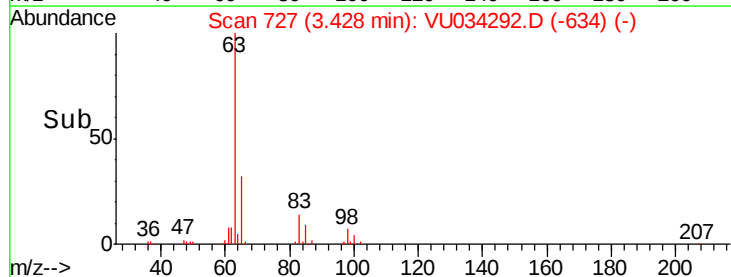
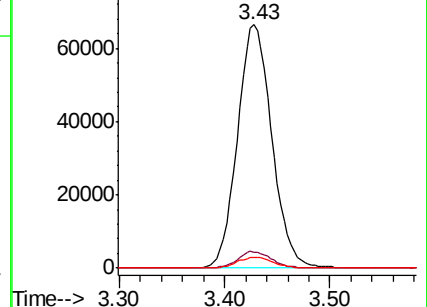
100 4.3 2.1 6.5

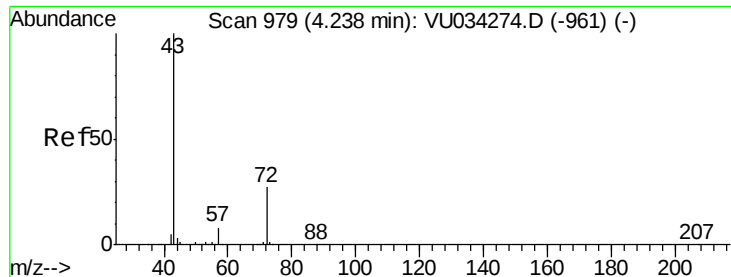


Abundance Ion 62.90 (62.60 to 63.60): VU034292.D (-634) (-)

Ion 97.90 (97.60 to 98.60): VU034292.D (-634) (-)

Ion 99.90 (99.60 to 100.60): VU034292.D (-634) (-)





#25

2-Butanone

Concen: 101.843 ug/l

RT: 4.24 min Scan# 980

Delta R.T. 0.00 min

Lab File: VU034292.D

Acq: 05 Sep 2019 18:38

Instrument :

MSVOA_U

ClientSampleId :

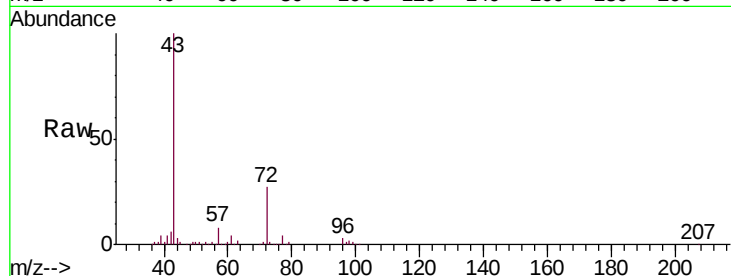
VU0906WBSD02

Tgt Ion: 43 Resp: 334632

Ion Ratio Lower Upper

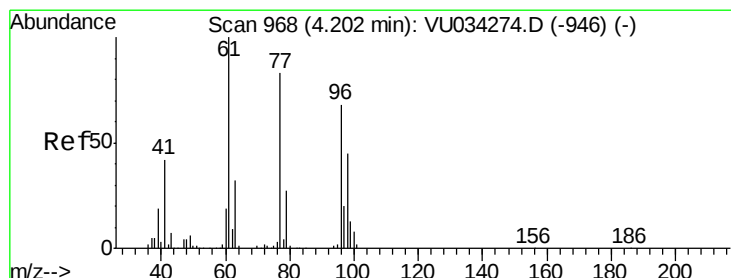
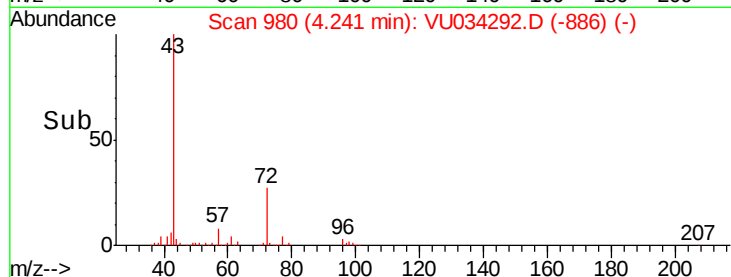
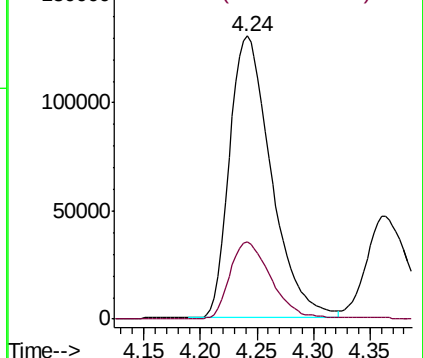
43 100

72 27.0 21.8 32.6



Abundance Ion 43.00 (42.70 to 43.70): VU034292.D (-986) (-)

Ion 72.00 (71.70 to 72.70): VU034292.D (-986) (-)



#26

2,2-Dichloropropane

Concen: 19.056 ug/l

RT: 4.20 min Scan# 968

Delta R.T. 0.00 min

Lab File: VU034292.D

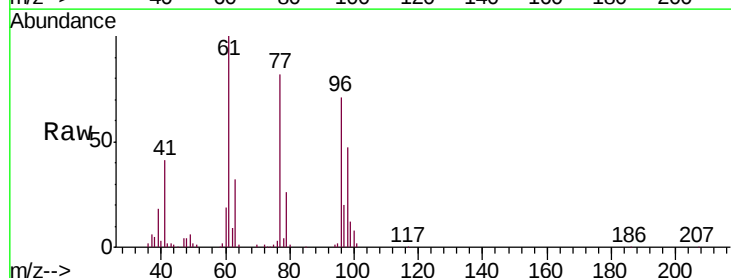
Acq: 05 Sep 2019 18:38

Tgt Ion: 77 Resp: 116721

Ion Ratio Lower Upper

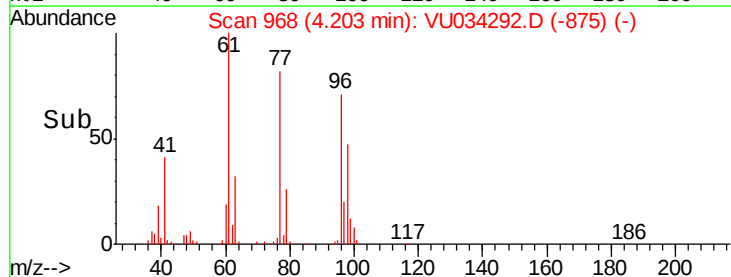
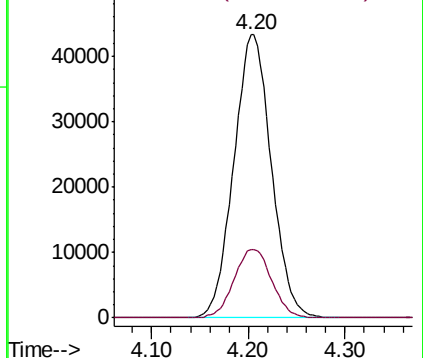
77 100

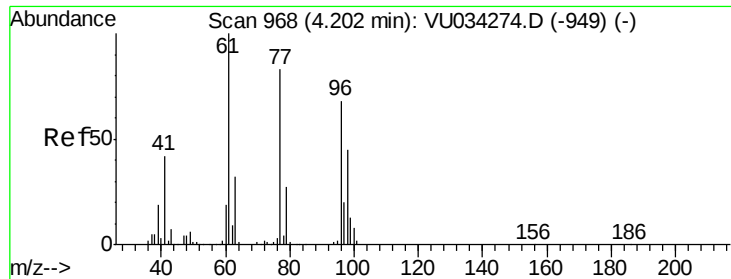
97 24.2 11.8 35.3



Abundance Ion 76.90 (76.60 to 77.60): VU034292.D (-875) (-)

Ion 96.90 (96.60 to 97.60): VU034292.D (-875) (-)



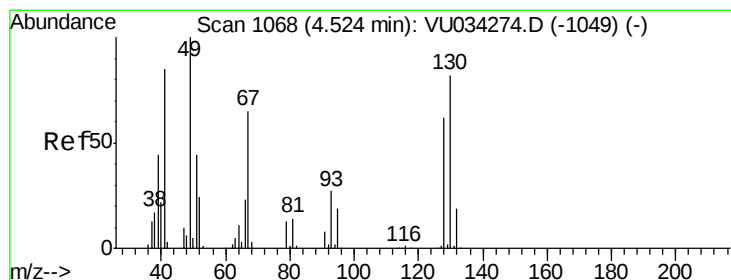
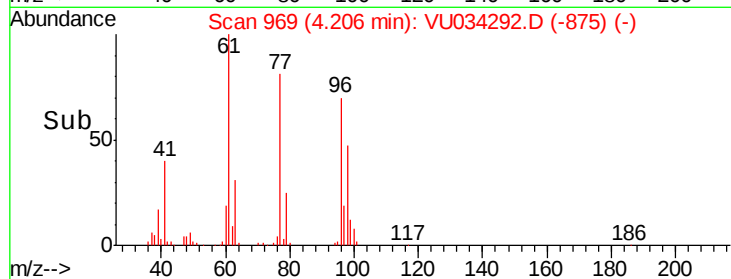
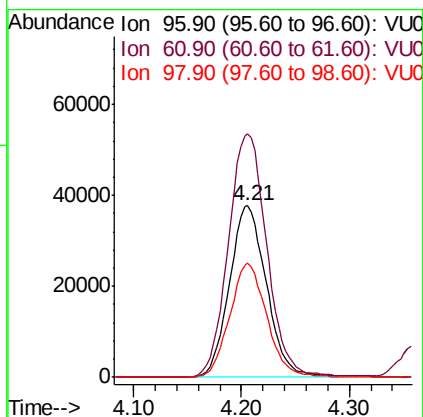
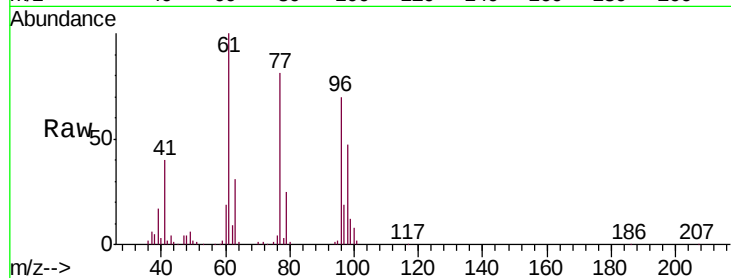


#27

cis-1,2-Dichloroethene
 Concen: 20.613 ug/l
 RT: 4.21 min Scan# 969
 Delta R.T. 0.00 min
 Lab File: VU034292.D
 Acq: 05 Sep 2019 18:38

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0906WBSD02

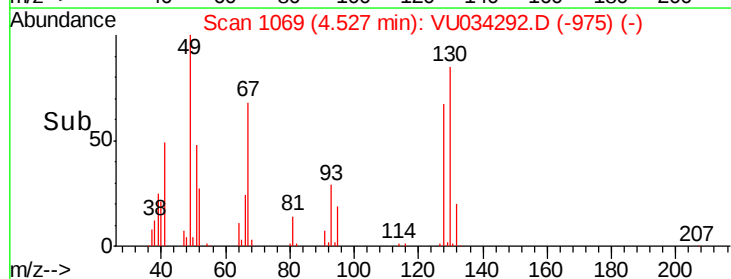
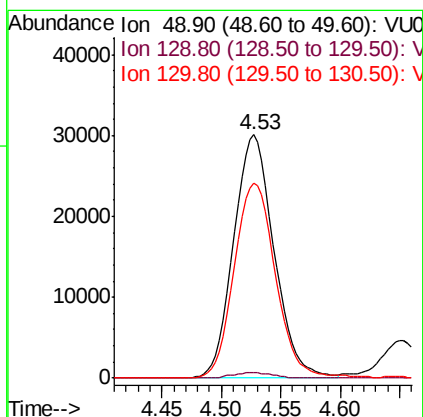
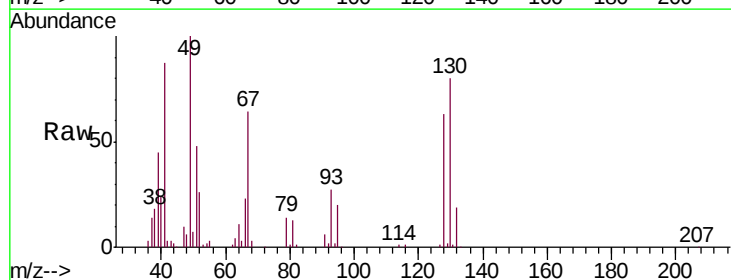
Tgt Ion: 96 Resp: 90235
 Ion Ratio Lower Upper
 96 100
 61 147.6 0.0 297.4
 98 66.6 0.0 130.0

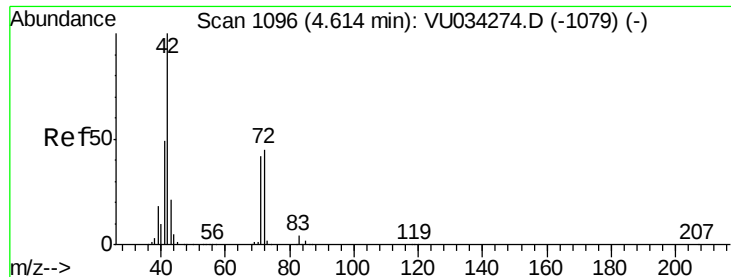


#28

Bromochloromethane
 Concen: 20.287 ug/l
 RT: 4.53 min Scan# 1069
 Delta R.T. 0.00 min
 Lab File: VU034292.D
 Acq: 05 Sep 2019 18:38

Tgt Ion: 49 Resp: 71062
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 3.8
 130 81.3 65.2 97.8

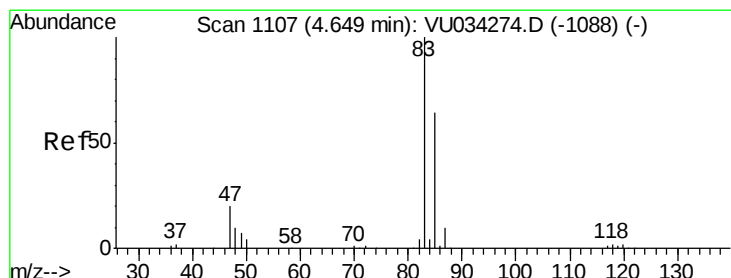
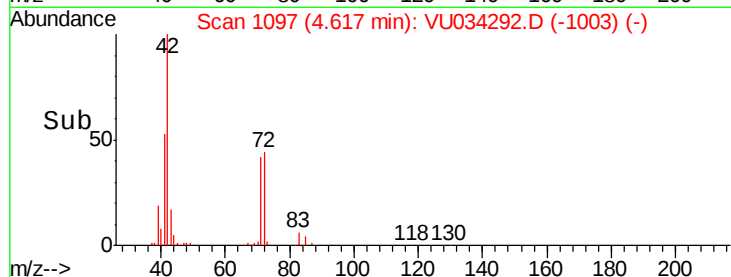
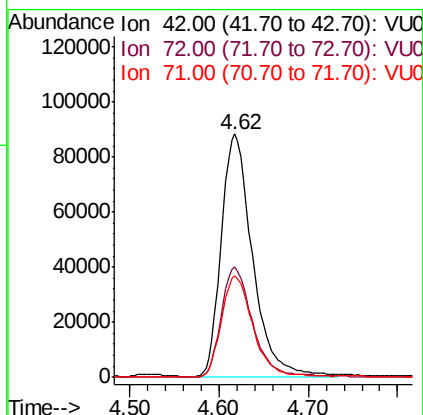
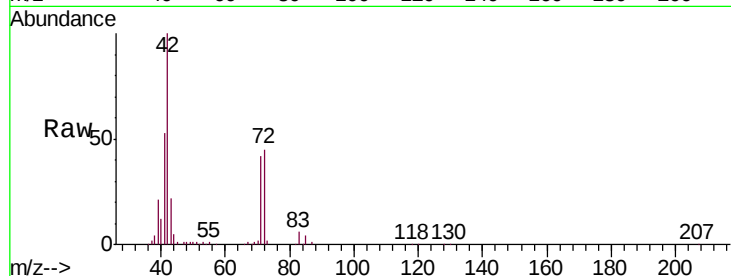




#29
Tetrahydrofuran
Concen: 106.894 ug/l
RT: 4.62 min Scan# 1097
Delta R.T. 0.00 min
Lab File: VU034292.D
Acq: 05 Sep 2019 18:38

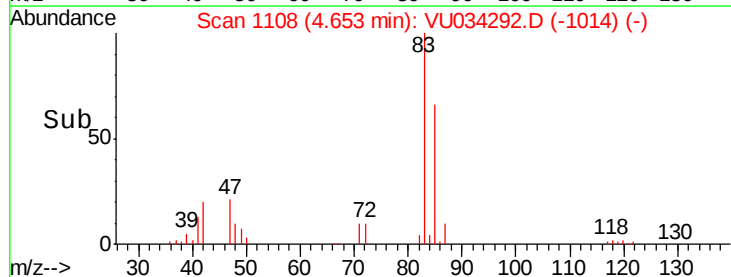
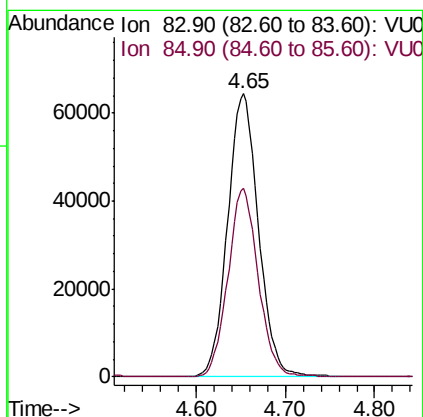
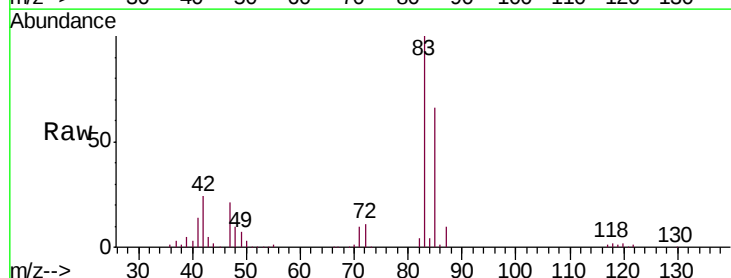
Instrument :
MSVOA_U
ClientSampleId :
VU0906WBSD02

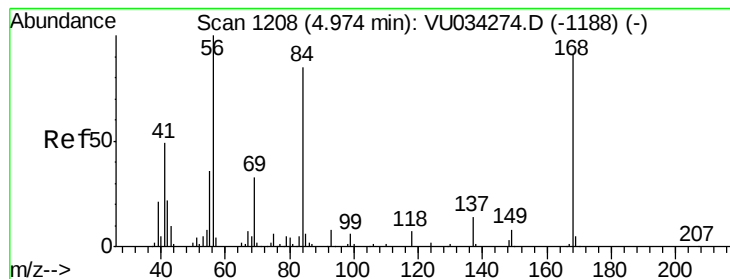
Tgt Ion: 42 Resp: 213725
Ion Ratio Lower Upper
42 100
72 46.0 36.6 54.8
71 42.5 34.3 51.5



#30
Chloroform
Concen: 19.926 ug/l
RT: 4.65 min Scan# 1108
Delta R.T. 0.00 min
Lab File: VU034292.D
Acq: 05 Sep 2019 18:38

Tgt Ion: 83 Resp: 154246
Ion Ratio Lower Upper
83 100
85 66.3 51.5 77.3





#31

Cyclohexane

Concen: 20.070 ug/l

RT: 4.97 min Scan# 1208

Delta R.T. 0.00 min

Lab File: VU034292.D

Acq: 05 Sep 2019 18:38

Instrument :

MSVOA_U

ClientSampleId :

VU0906WBSD02

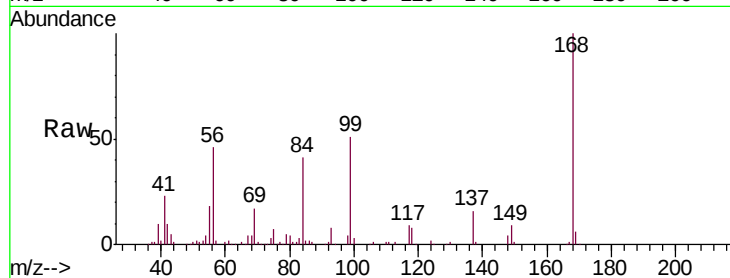
Tgt Ion: 56 Resp: 111819

Ion Ratio Lower Upper

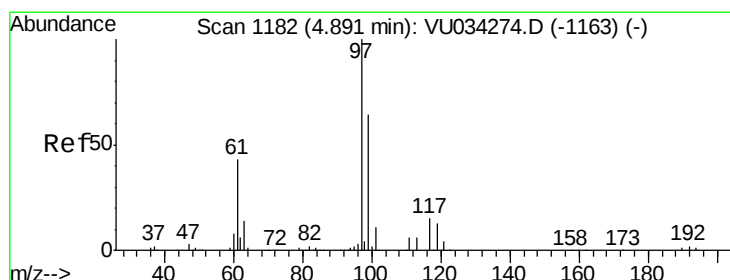
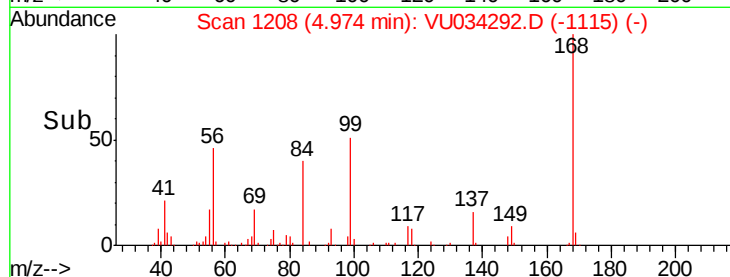
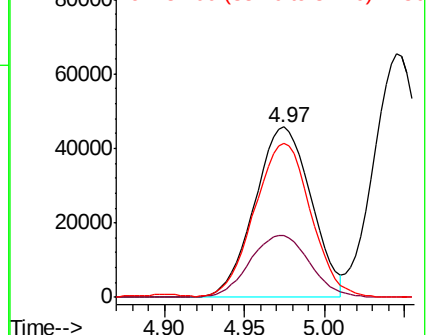
56 100

69 36.0 26.7 40.1

84 89.7 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: 20.337 ug/l

RT: 4.89 min Scan# 1183

Delta R.T. 0.00 min

Lab File: VU034292.D

Acq: 05 Sep 2019 18:38

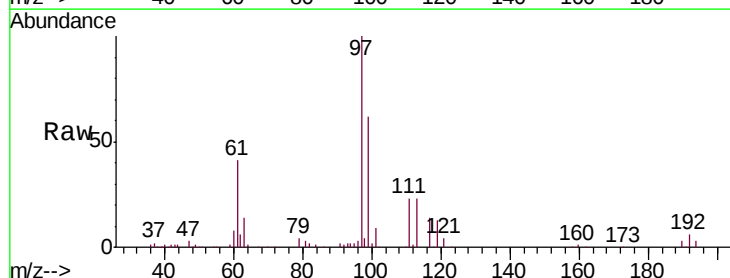
Tgt Ion: 97 Resp: 125865

Ion Ratio Lower Upper

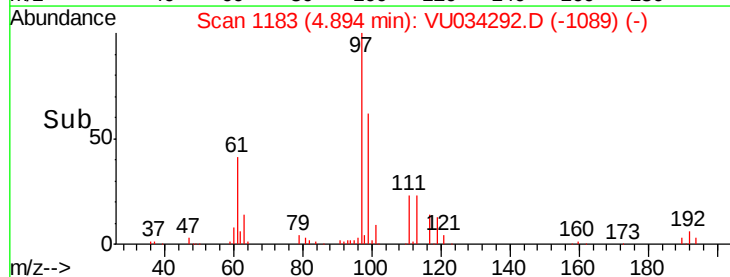
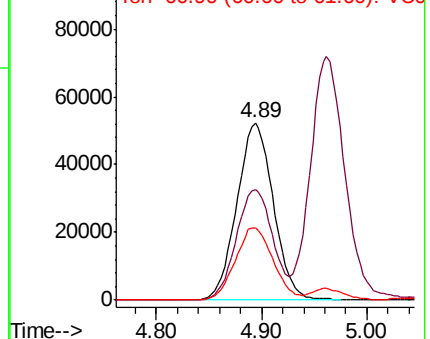
97 100

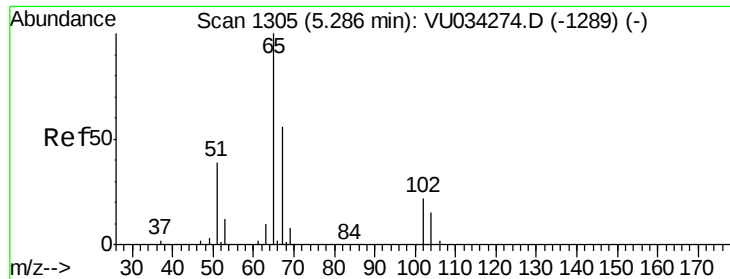
99 62.6 50.9 76.3

61 42.4 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

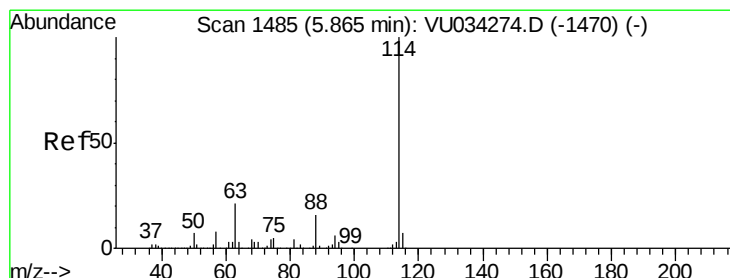
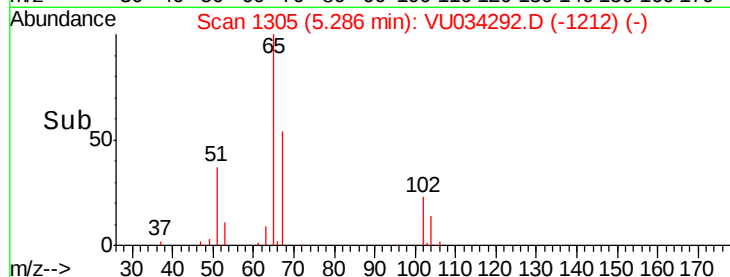
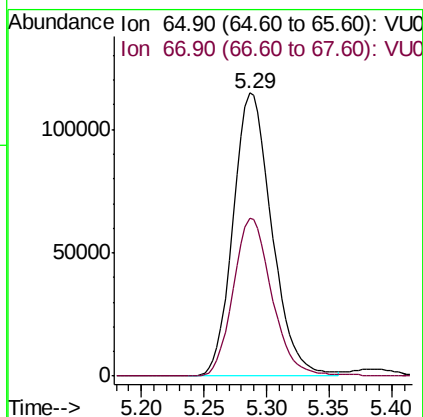
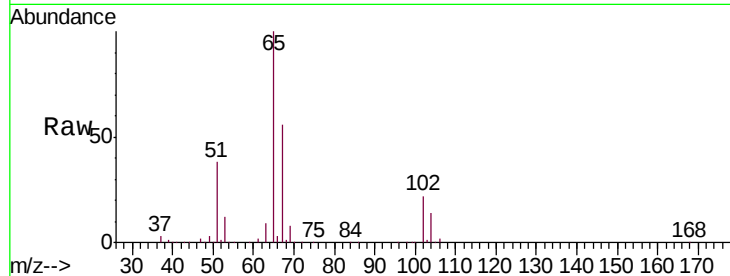




#33
 1,2-Dichloroethane-d4
 Concen: 51.892 ug/l
 RT: 5.29 min Scan# 1305
 Delta R.T. 0.00 min
 Lab File: VU034292.D
 Acq: 05 Sep 2019 18:38

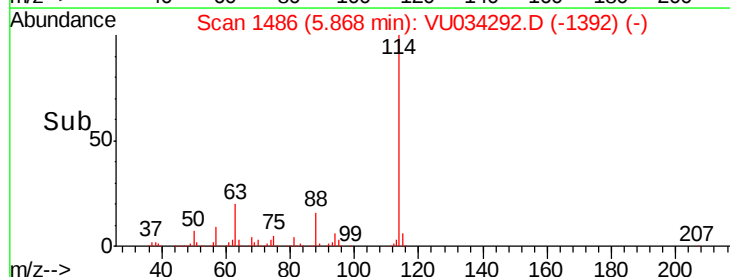
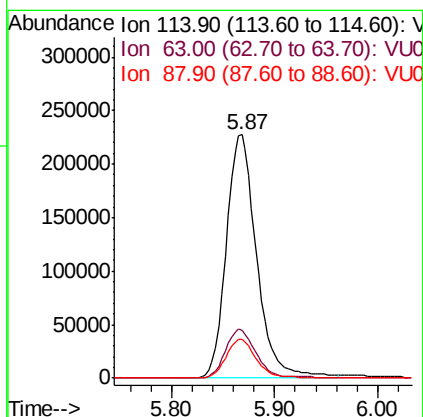
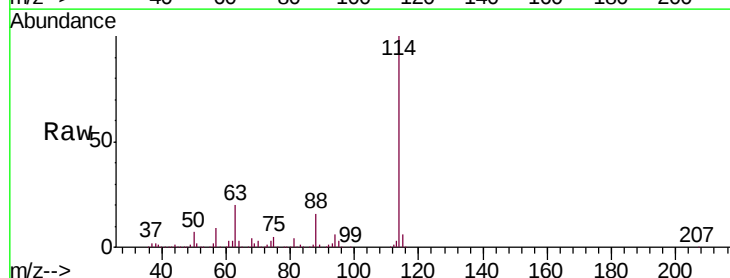
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0906WBSD02

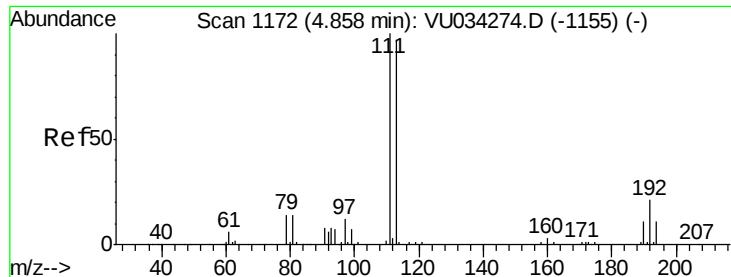
Tgt Ion: 65 Resp: 246830
 Ion Ratio Lower Upper
 65 100
 67 55.6 0.0 112.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.87 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: VU034292.D
 Acq: 05 Sep 2019 18:38

Tgt Ion: 114 Resp: 467001
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 42.4
 88 15.8 0.0 32.4

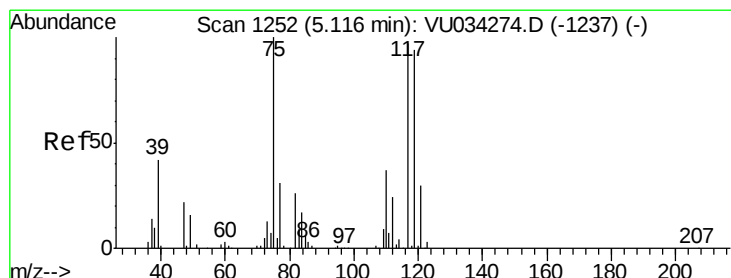
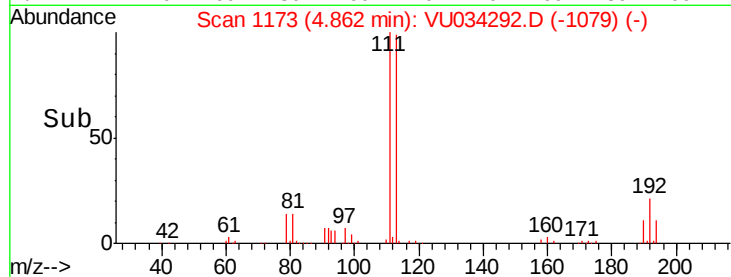
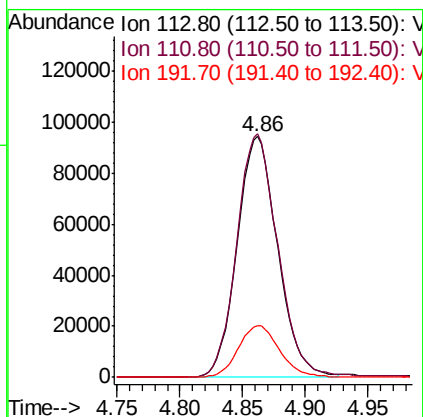
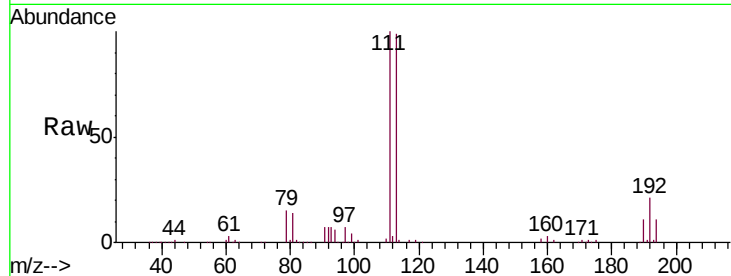




#35
 Dibromofluoromethane
 Concen: 48.926 ug/l
 RT: 4.86 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: VU034292.D
 Acq: 05 Sep 2019 18:38

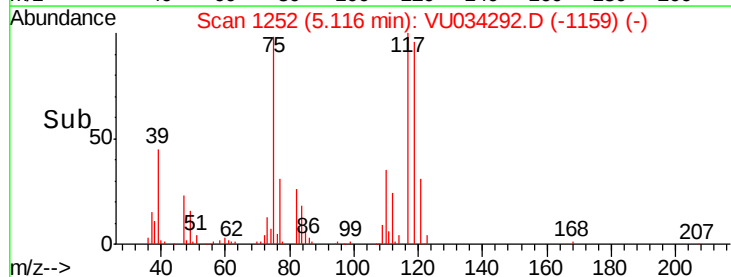
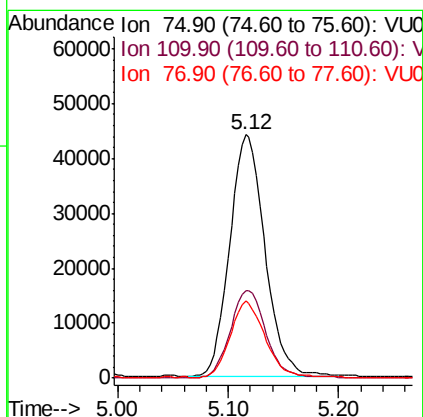
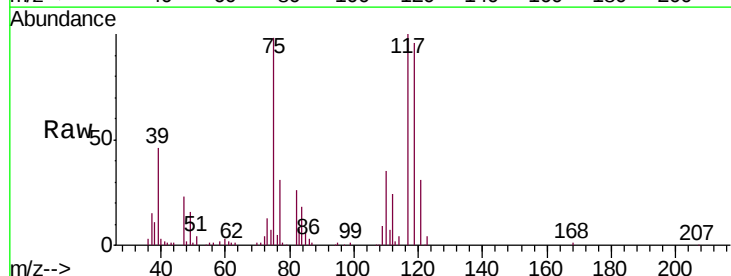
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0906WBSD02

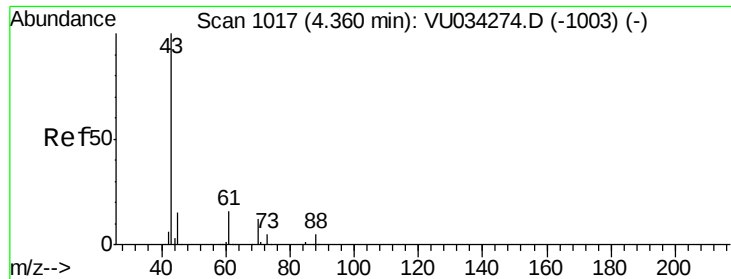
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.5	122.3
192	22.0	17.8	26.8



#36
 1,1-Dichloropropene
 Concen: 19.135 ug/l
 RT: 5.12 min Scan# 1252
 Delta R.T. 0.00 min
 Lab File: VU034292.D
 Acq: 05 Sep 2019 18:38

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.3	18.3	54.9
77	31.5	24.9	37.3

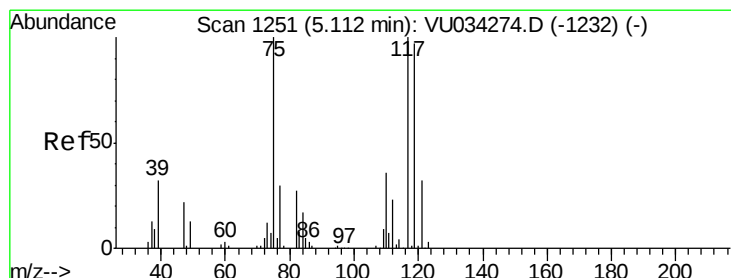
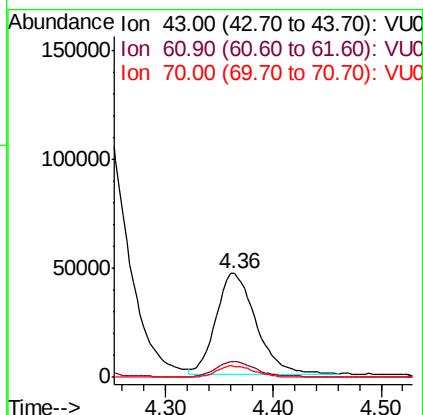
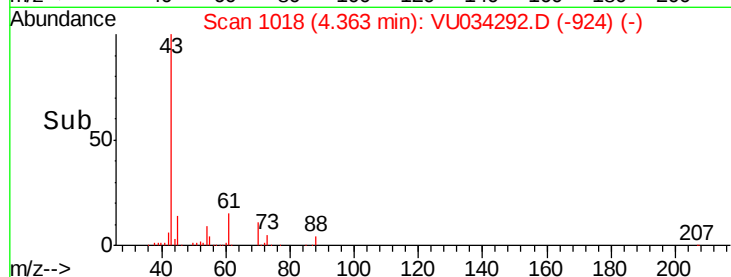
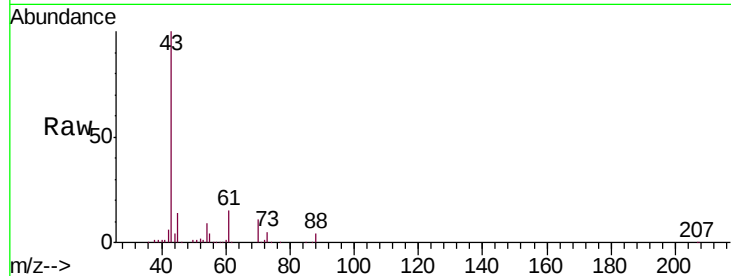




#37
 Ethyl Acetate
 Concen: 20.081 ug/l
 RT: 4.36 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: VU034292.D
 Acq: 05 Sep 2019 18:38

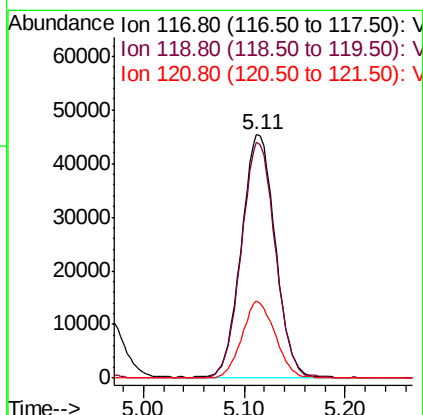
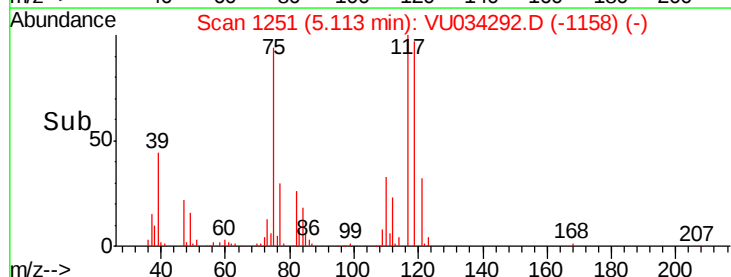
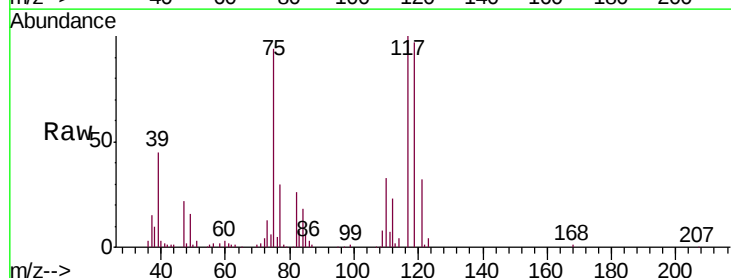
Instrument :
 MSVOA_U
 ClientSampled :
 VU0906WBSD02

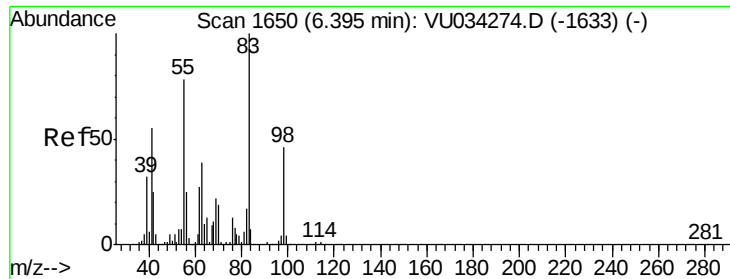
Tgt Ion: 43 Resp: 120247
 Ion Ratio Lower Upper
 43 100
 61 15.6 12.3 18.5
 70 11.0 9.1 13.7



#38
 Carbon Tetrachloride
 Concen: 19.497 ug/l
 RT: 5.11 min Scan# 1251
 Delta R.T. 0.00 min
 Lab File: VU034292.D
 Acq: 05 Sep 2019 18:38

Tgt Ion: 117 Resp: 105433
 Ion Ratio Lower Upper
 117 100
 119 97.0 77.8 116.6
 121 31.6 25.2 37.8

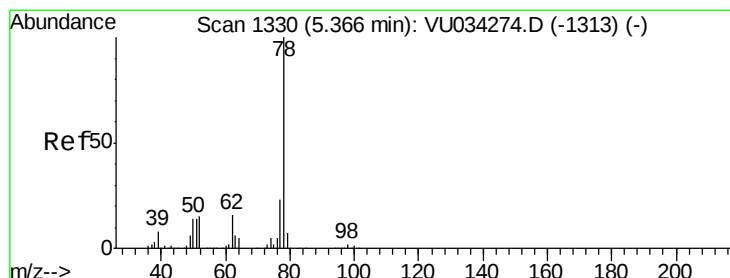
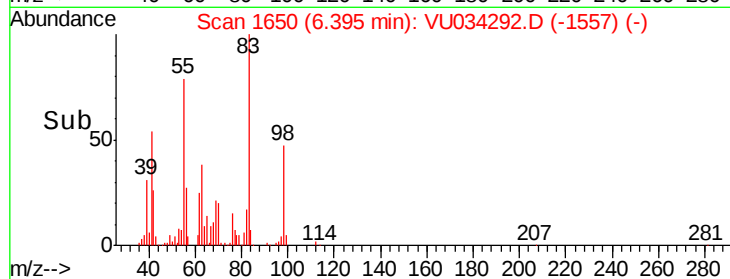
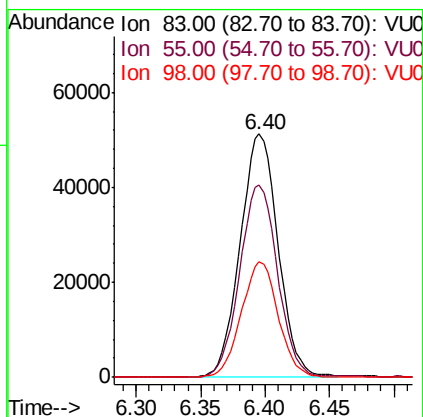
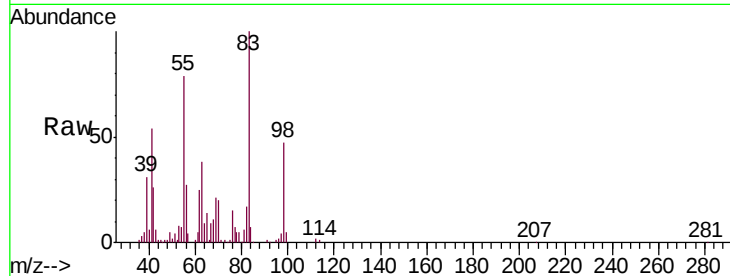




#39
Methylcyclohexane
Concen: 19.454 ug/l
RT: 6.40 min Scan# 1650
Delta R.T. 0.00 min
Lab File: VU034292.D
Acq: 05 Sep 2019 18:38

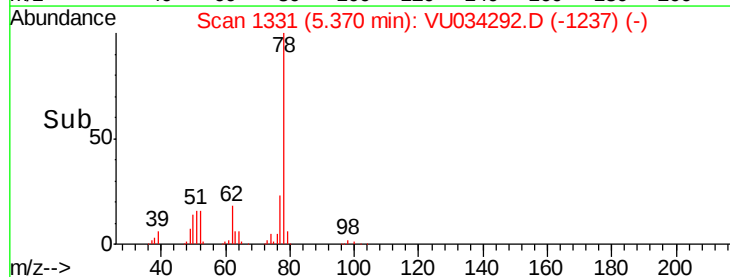
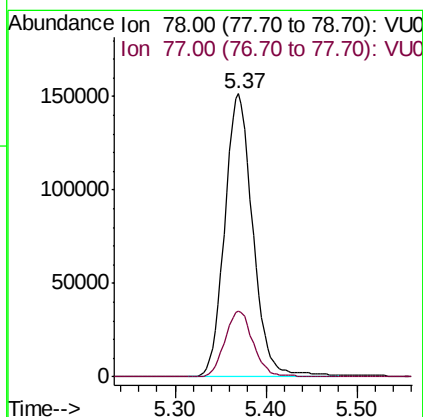
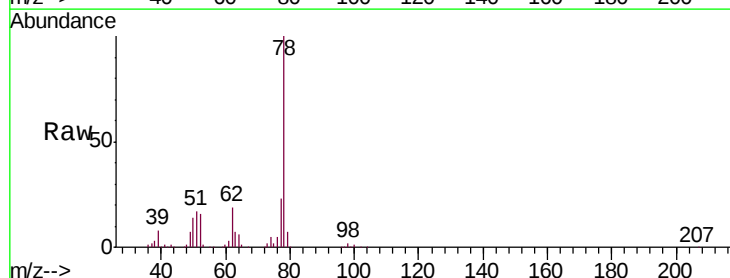
Instrument :
MSVOA_U
ClientSampleId :
VU0906WBSD02

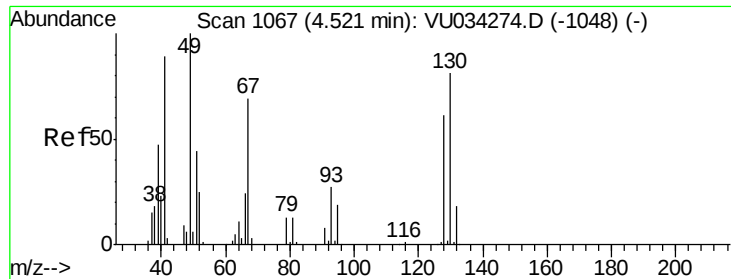
Tgt Ion: 83 Resp: 105329
Ion Ratio Lower Upper
83 100
55 79.3 62.1 93.1
98 47.3 37.0 55.6



#40
Benzene
Concen: 19.963 ug/l
RT: 5.37 min Scan# 1331
Delta R.T. 0.00 min
Lab File: VU034292.D
Acq: 05 Sep 2019 18:38

Tgt Ion: 78 Resp: 326243
Ion Ratio Lower Upper
78 100
77 23.3 18.7 28.1

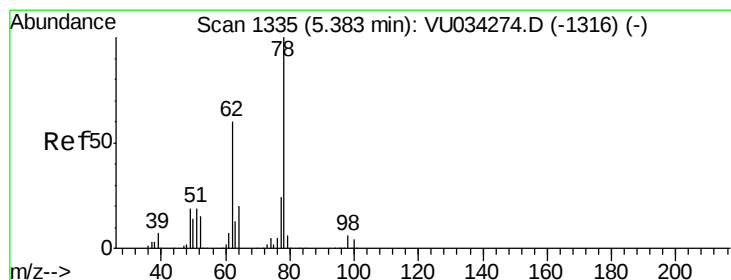
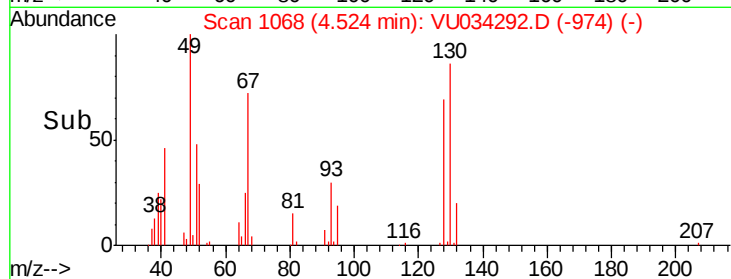
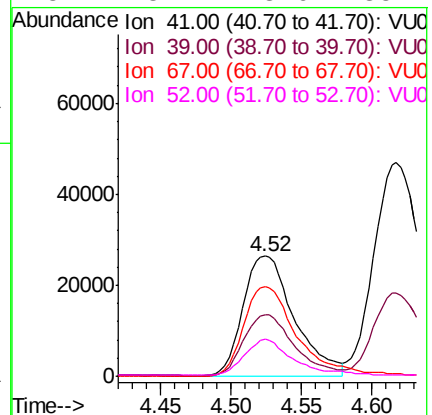
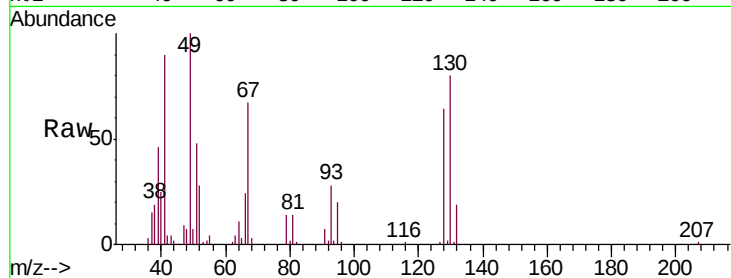




#41
Methacrylonitrile
Concen: 21.147 ug/l
RT: 4.52 min Scan# 1068
Delta R.T. 0.00 min
Lab File: VU034292.D
Acq: 05 Sep 2019 18:38

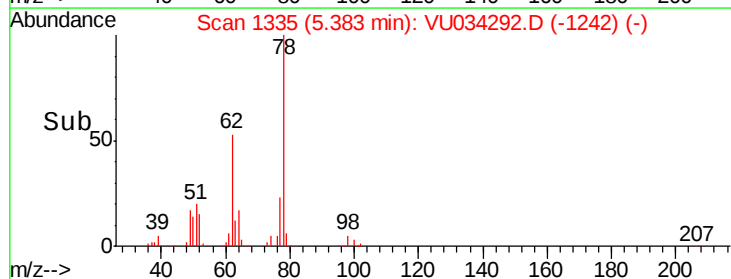
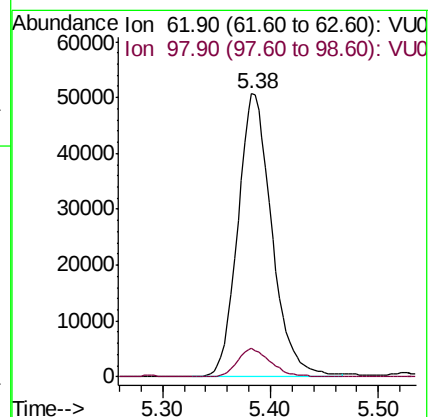
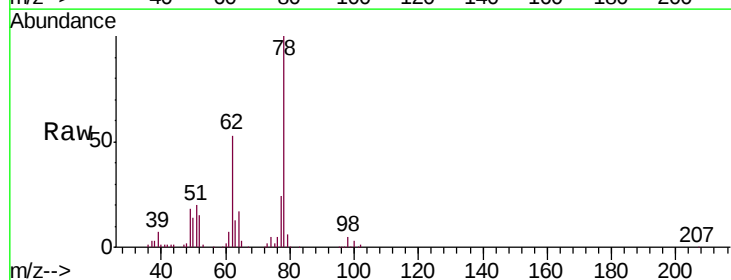
Instrument :
MSVOA_U
ClientSampleId :
VU0906WBSD02

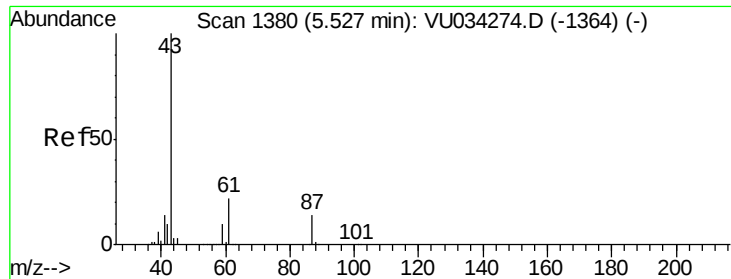
Tgt Ion:	41	Resp:	67451
Ion	Ratio	Lower	Upper
41	100		
39	50.0	41.0	61.4
67	77.8	62.4	93.6
52	28.1	23.6	35.4



#42
1,2-Dichloroethane
Concen: 19.639 ug/l
RT: 5.38 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VU034292.D
Acq: 05 Sep 2019 18:38

Tgt Ion:	62	Resp:	111434
Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	20.0

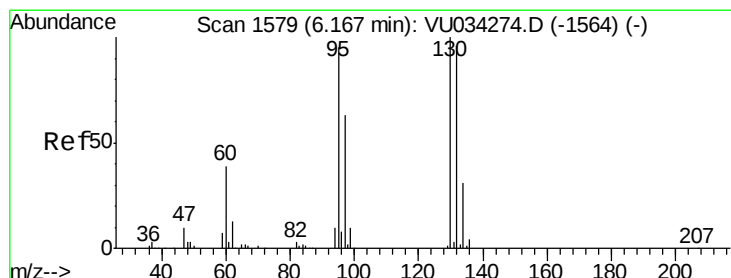
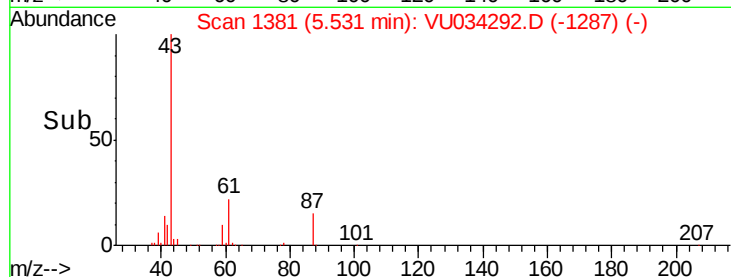
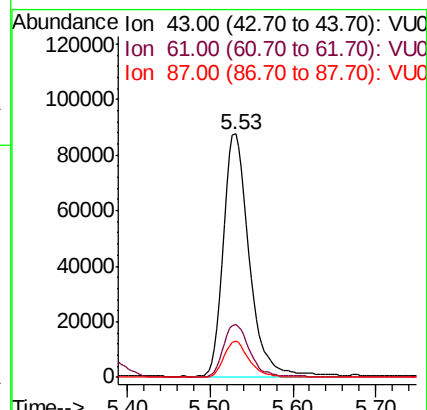
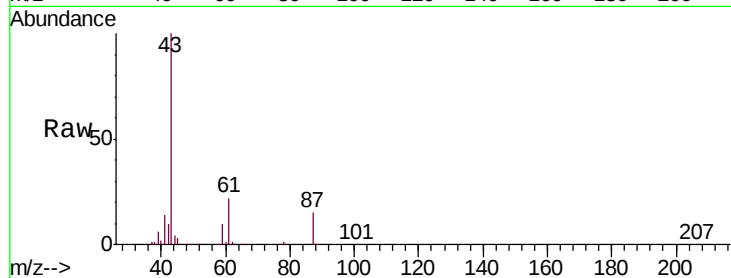




#43
Isopropyl Acetate
Concen: 20.150 ug/l
RT: 5.53 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VU034292.D
Acq: 05 Sep 2019 18:38

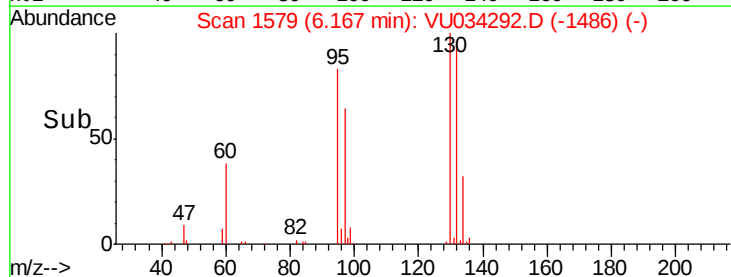
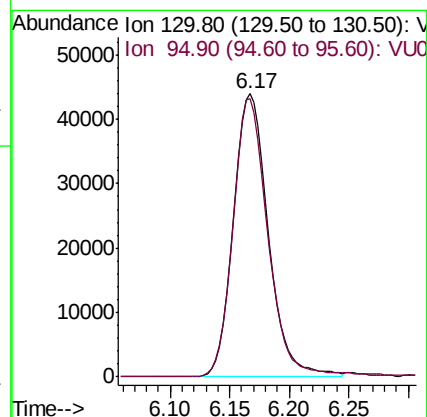
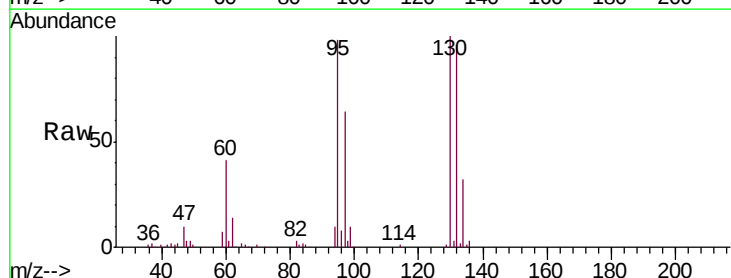
Instrument :
MSVOA_U
ClientSampleId :
VU0906WBSD02

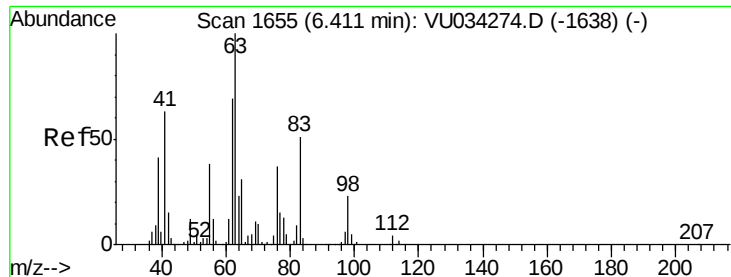
Tgt Ion: 43 Resp: 188229
Ion Ratio Lower Upper
43 100
61 22.2 17.1 25.7
87 14.4 11.1 16.7



#44
Trichloroethene
Concen: 19.780 ug/l
RT: 6.17 min Scan# 1579
Delta R.T. 0.00 min
Lab File: VU034292.D
Acq: 05 Sep 2019 18:38

Tgt Ion: 130 Resp: 89453
Ion Ratio Lower Upper
130 100
95 98.2 0.0 189.2





#45

1,2-Dichloropropane

Concen: 19.860 ug/l

RT: 6.41 min Scan# 1655

Delta R.T. 0.00 min

Lab File: VU034292.D

Acq: 05 Sep 2019 18:38

Instrument :

MSVOA_U

ClientSampleId :

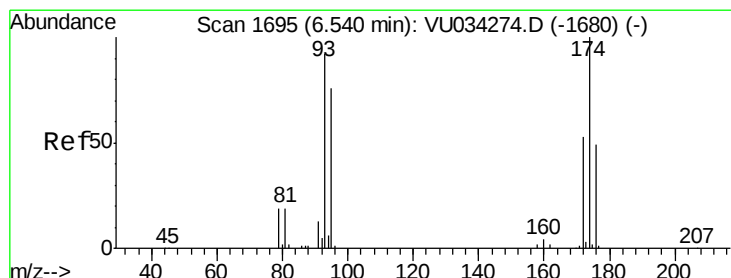
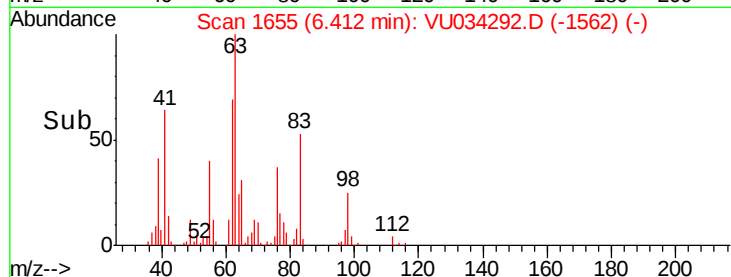
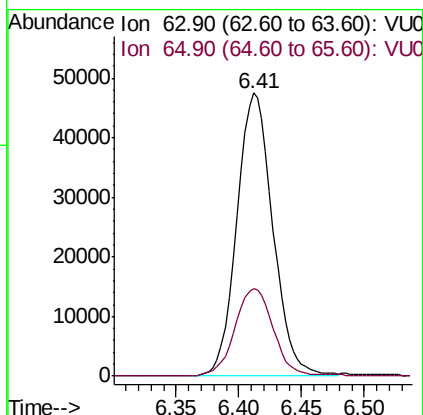
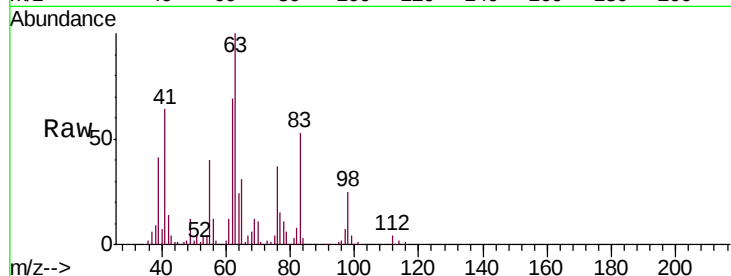
VU0906WBSD02

Tgt Ion: 63 Resp: 94882

Ion Ratio Lower Upper

63 100

65 31.1 24.6 37.0



#46

Dibromomethane

Concen: 19.840 ug/l

RT: 6.54 min Scan# 1695

Delta R.T. 0.00 min

Lab File: VU034292.D

Acq: 05 Sep 2019 18:38

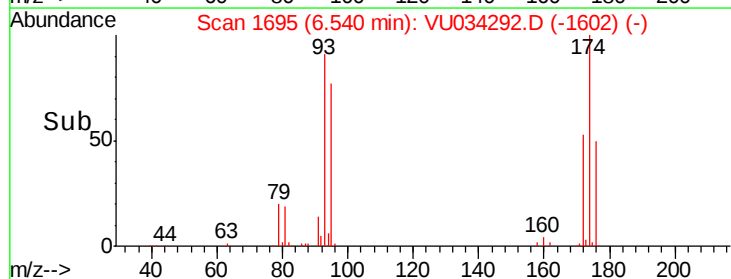
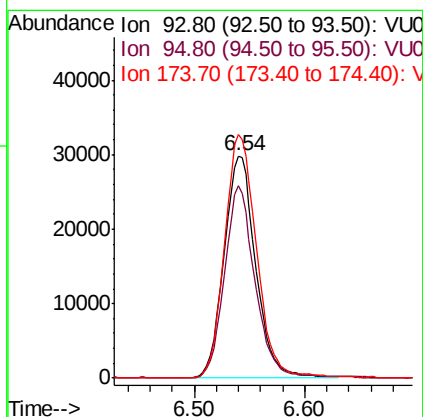
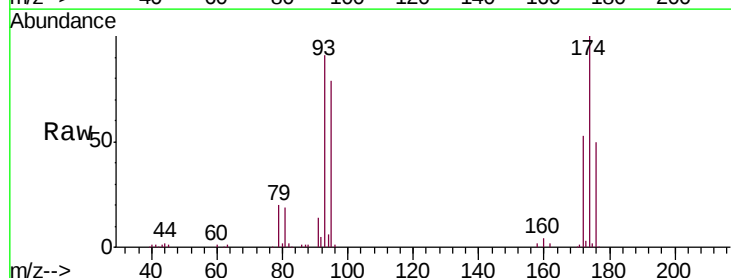
Tgt Ion: 93 Resp: 59498

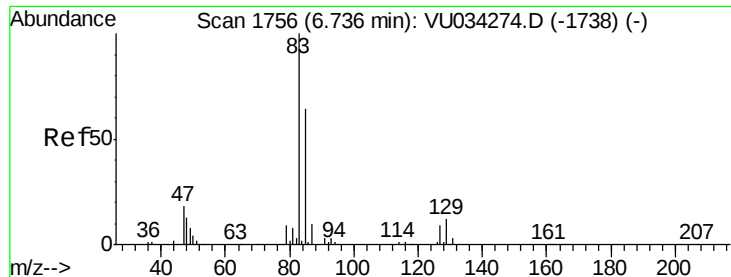
Ion Ratio Lower Upper

93 100

95 83.8 66.5 99.7

174 108.9 87.8 131.6





#47

Bromodichloromethane

Concen: 19.436 ug/l

RT: 6.74 min Scan# 1756

Delta R.T. 0.00 min

Lab File: VU034292.D

Acq: 05 Sep 2019 18:38

Instrument :

MSVOA_U

ClientSampleId :

VU0906WBSD02

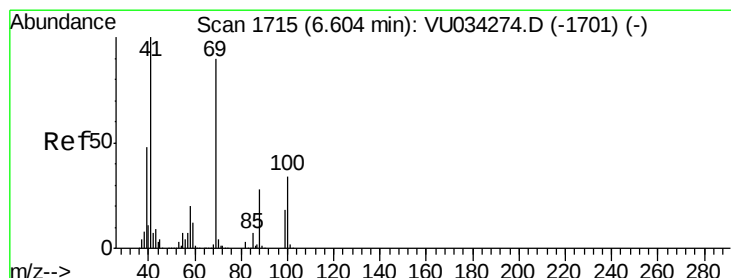
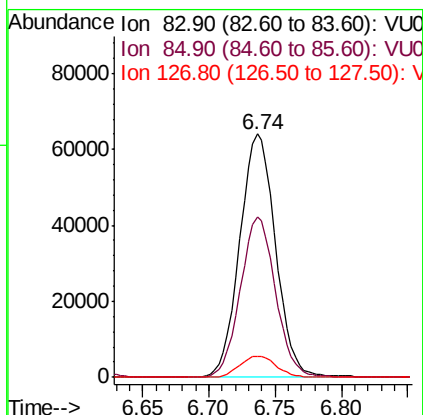
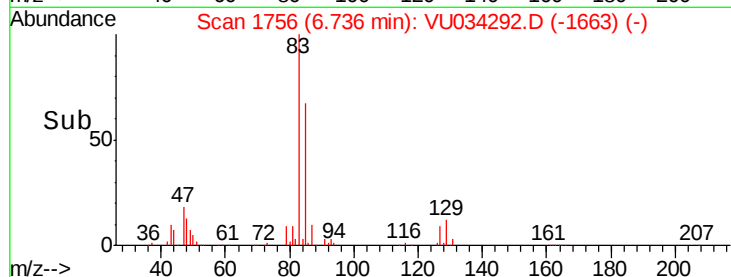
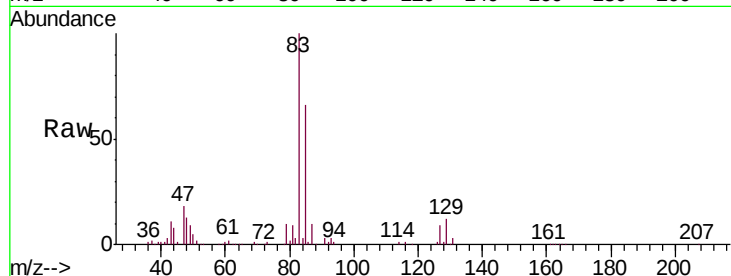
Tgt Ion: 83 Resp: 119981

Ion Ratio Lower Upper

83 100

85 65.8 51.1 76.7

127 8.8 7.2 10.8



#48

Methyl methacrylate

Concen: 19.569 ug/l

RT: 6.60 min Scan# 1715

Delta R.T. 0.00 min

Lab File: VU034292.D

Acq: 05 Sep 2019 18:38

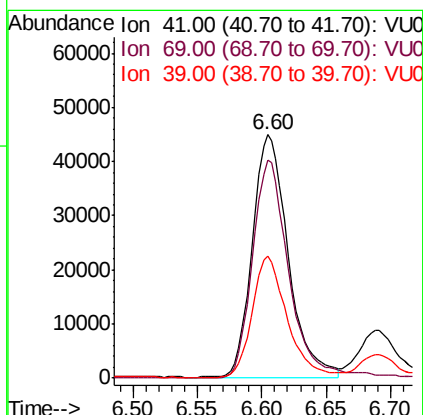
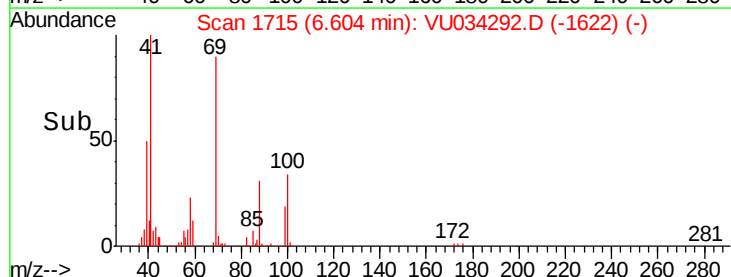
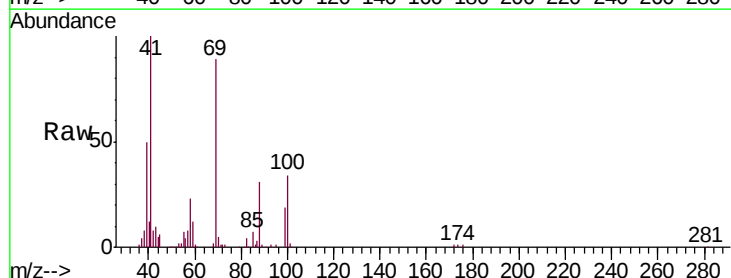
Tgt Ion: 41 Resp: 86824

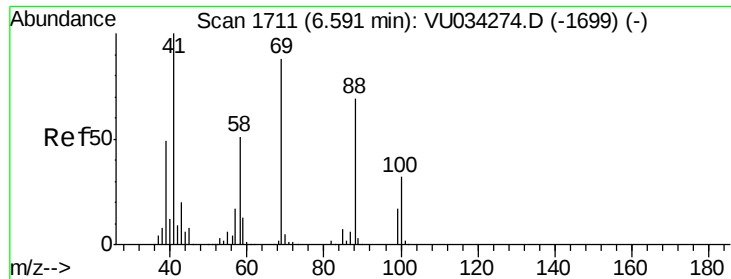
Ion Ratio Lower Upper

41 100

69 92.5 72.8 109.2

39 49.3 38.6 58.0

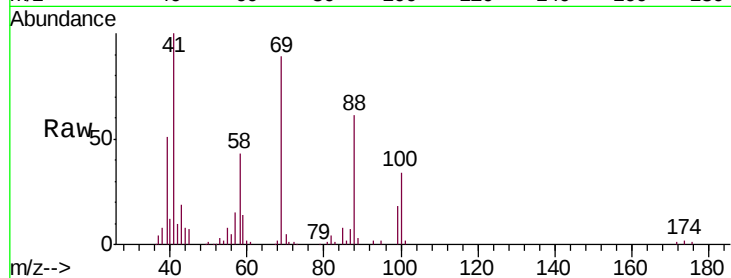




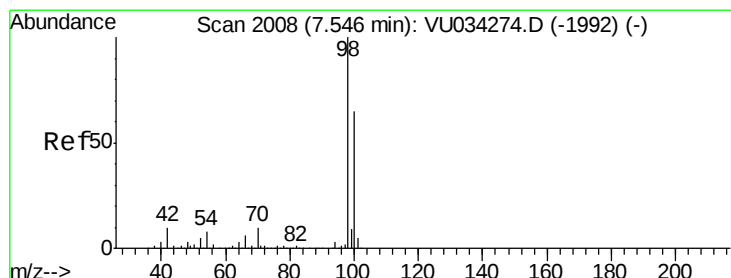
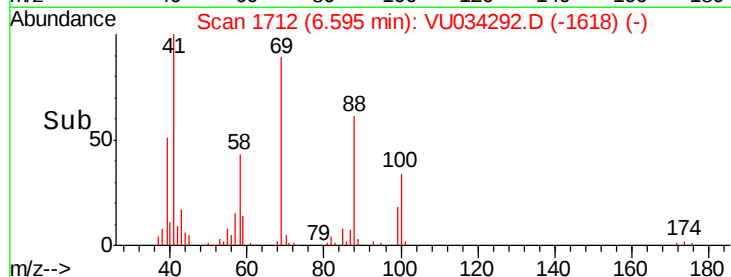
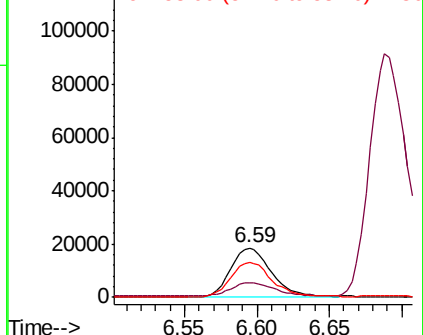
#49
1,4-Dioxane
Concen: 377.859 ug/l
RT: 6.59 min Scan# 1712
Delta R.T. 0.00 min
Lab File: VU034292.D
Acq: 05 Sep 2019 18:38

Instrument :
MSVOA_U
ClientSampleId :
VU0906WBSD02

Tgt Ion: 88 Resp: 36608
Ion Ratio Lower Upper
88 100
43 28.0 23.8 35.6
58 72.4 58.4 87.6

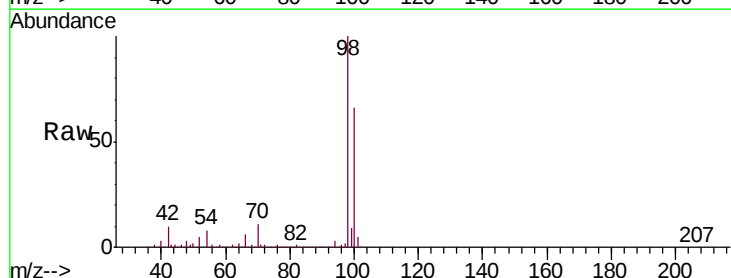


Abundance Ion 88.00 (87.70 to 88.70): VU0
Ion 43.00 (42.70 to 43.70): VU0
Ion 58.00 (57.70 to 58.70): VU0

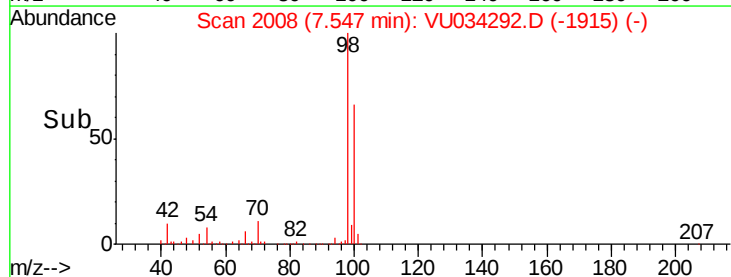
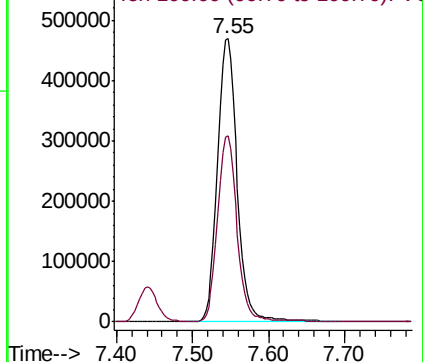


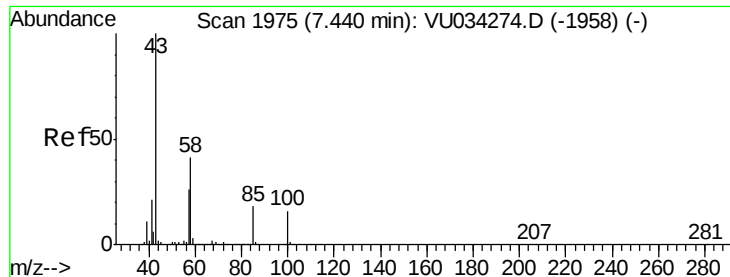
#50
Toluene-d8
Concen: 51.861 ug/l
RT: 7.55 min Scan# 2008
Delta R.T. 0.00 min
Lab File: VU034292.D
Acq: 05 Sep 2019 18:38

Tgt Ion: 98 Resp: 846687
Ion Ratio Lower Upper
98 100
100 64.1 51.7 77.5



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

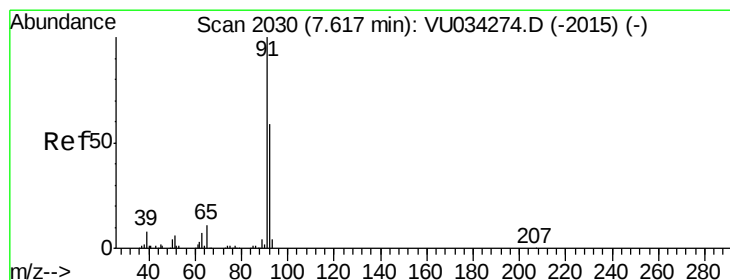
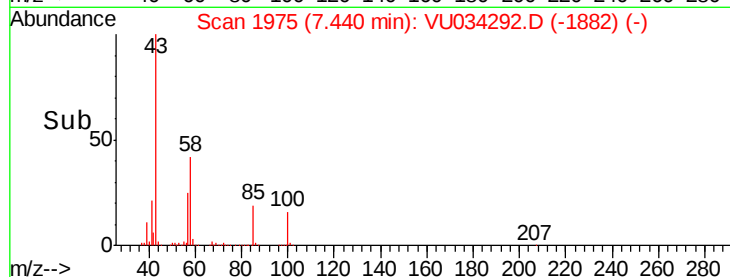
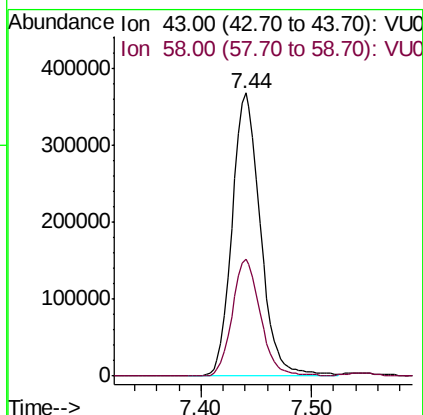
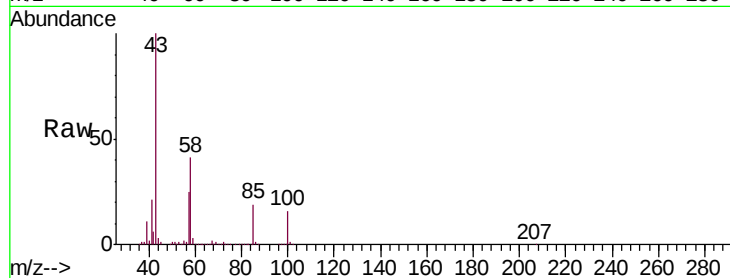




#51
 4-Methyl-2-Pentanone
 Concen: 101.017 ug/l
 RT: 7.44 min Scan# 1975
 Delta R.T. 0.00 min
 Lab File: VU034292.D
 Acq: 05 Sep 2019 18:38

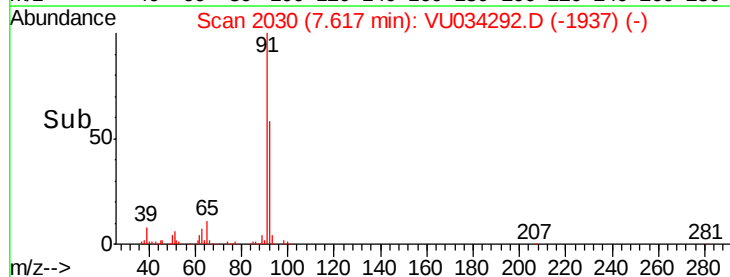
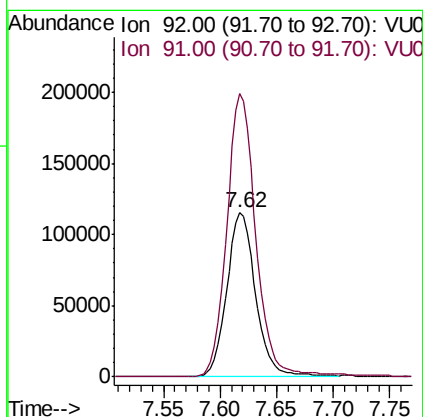
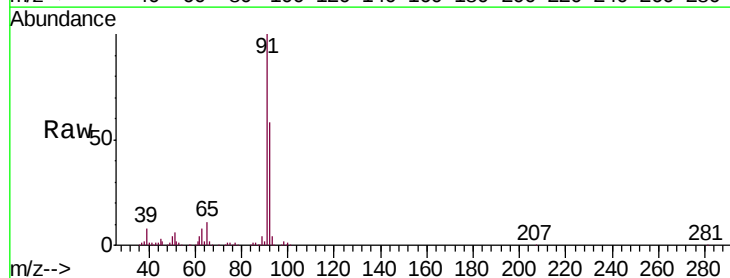
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0906WBSD02

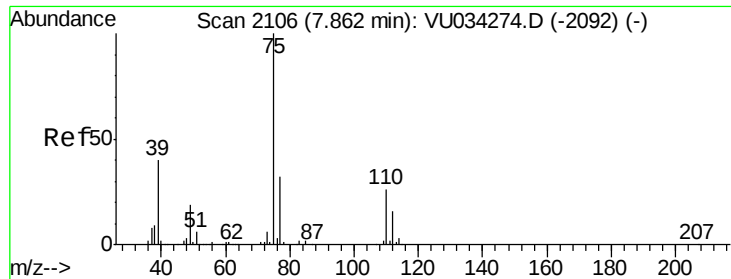
Tgt Ion: 43 Resp: 653184
 Ion Ratio Lower Upper
 43 100
 58 41.2 33.0 49.4



#52
 Toluene
 Concen: 20.040 ug/l
 RT: 7.62 min Scan# 2030
 Delta R.T. 0.00 min
 Lab File: VU034292.D
 Acq: 05 Sep 2019 18:38

Tgt Ion: 92 Resp: 205445
 Ion Ratio Lower Upper
 92 100
 91 174.4 136.6 205.0





#53

t-1,3-Dichloropropene

Concen: 19.269 ug/l

RT: 7.86 min Scan# 2106

Delta R.T. 0.00 min

Lab File: VU034292.D

Acq: 05 Sep 2019 18:38

Instrument :

MSVOA_U

ClientSampleId :

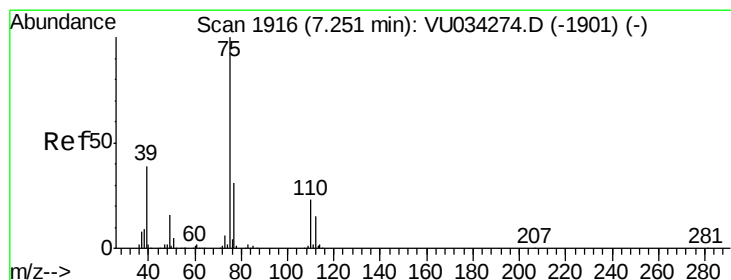
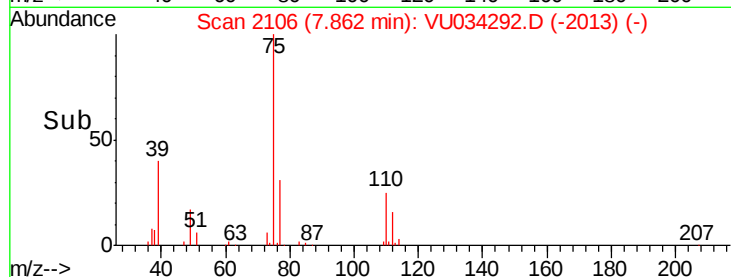
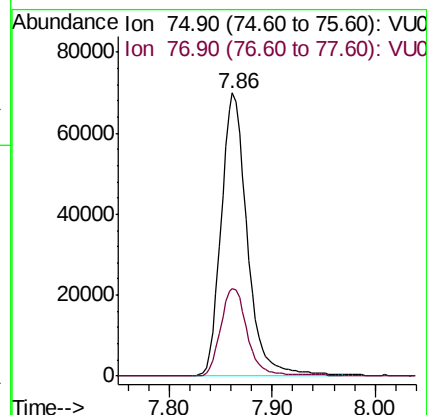
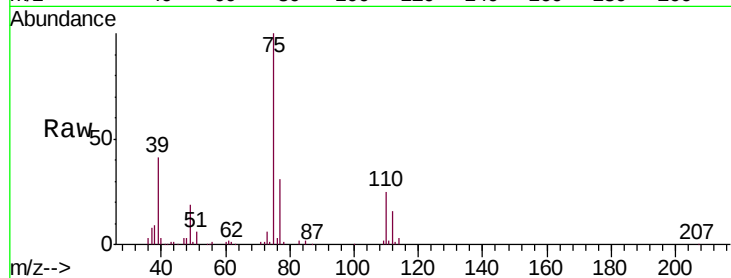
VU0906WBSD02

Tgt Ion: 75 Resp: 123304

Ion Ratio Lower Upper

75 100

77 31.1 25.7 38.5



#54

cis-1,3-Dichloropropene

Concen: 19.981 ug/l

RT: 7.25 min Scan# 1916

Delta R.T. 0.00 min

Lab File: VU034292.D

Acq: 05 Sep 2019 18:38

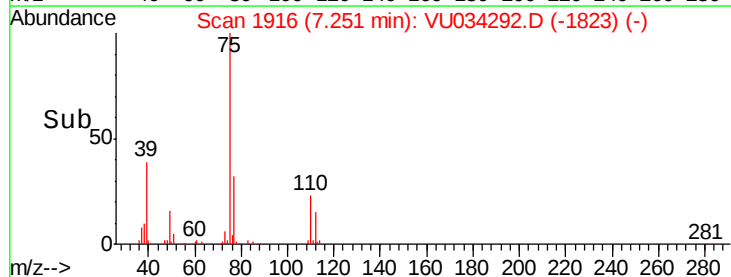
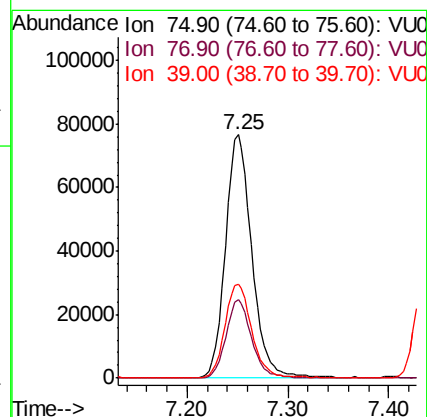
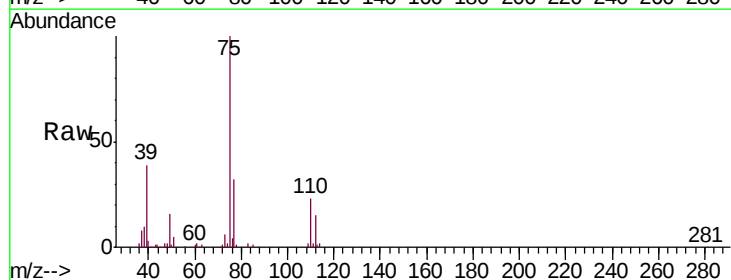
Tgt Ion: 75 Resp: 140329

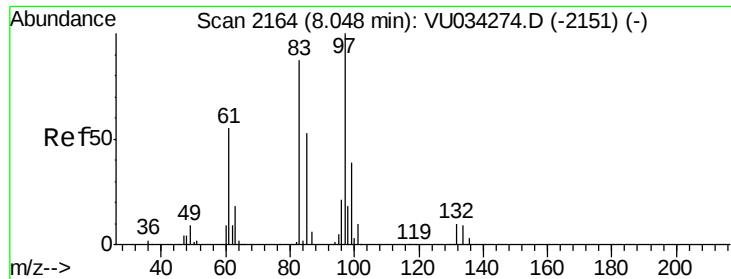
Ion Ratio Lower Upper

75 100

77 32.4 25.1 37.7

39 38.6 31.2 46.8

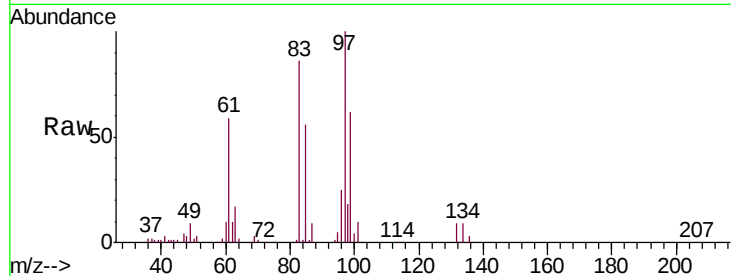




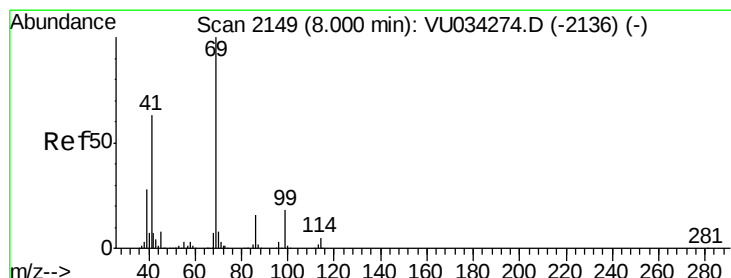
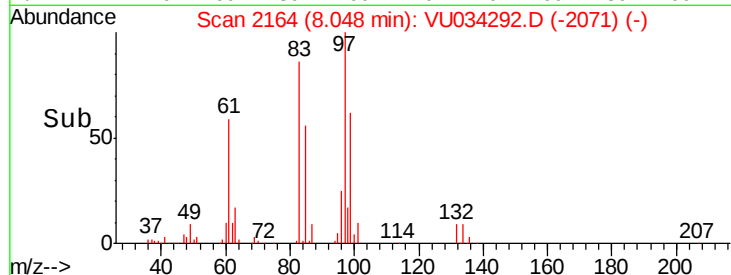
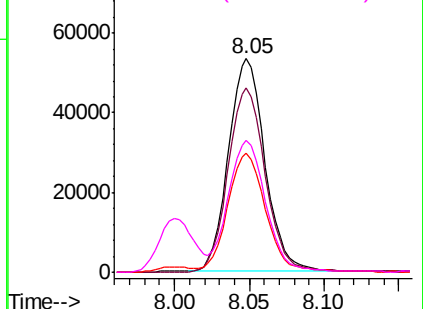
#55
 1,1,2-Trichloroethane
 Concen: 19.348 ug/l
 RT: 8.05 min Scan# 2164
 Delta R.T. 0.00 min
 Lab File: VU034292.D
 Acq: 05 Sep 2019 18:38

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0906WBSD02

Tgt Ion:	97	Resp:	90067
Ion	Ratio	Lower	Upper
97	100		
83	86.5	69.0	103.6
85	55.3	44.2	66.2
99	61.8	49.4	74.0

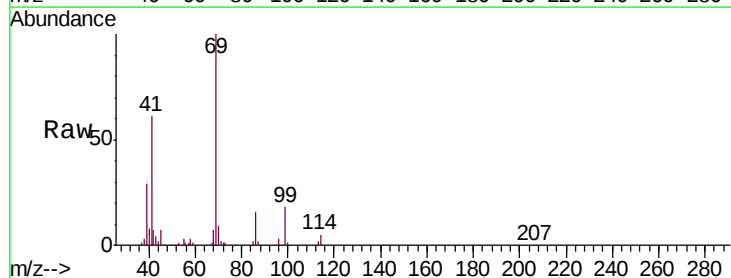


Abundance Ion 96.90 (96.60 to 97.60): VU0
 Ion 82.90 (82.60 to 83.60): VU0
 Ion 84.90 (84.60 to 85.60): VU0
 Ion 98.90 (98.60 to 99.60): VU0

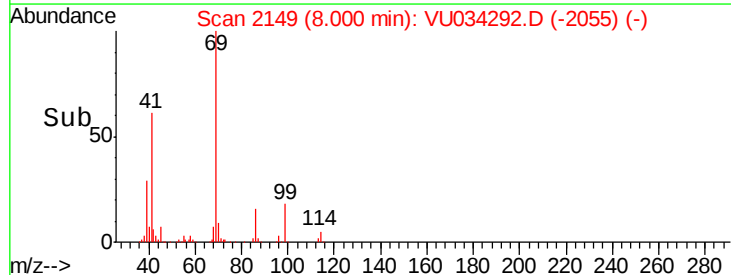
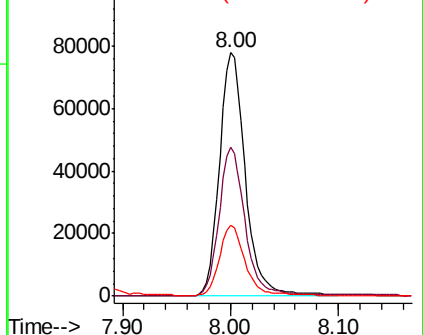


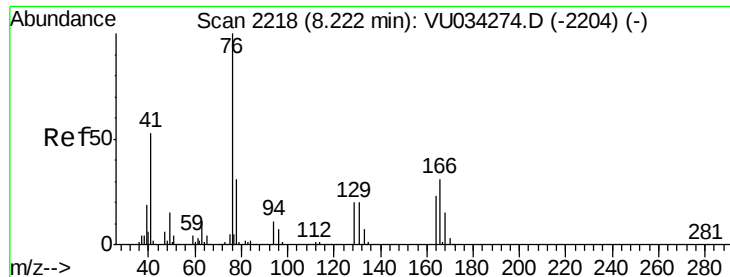
#56
 Ethyl methacrylate
 Concen: 20.367 ug/l
 RT: 8.00 min Scan# 2149
 Delta R.T. 0.00 min
 Lab File: VU034292.D
 Acq: 05 Sep 2019 18:38

Tgt Ion:	69	Resp:	130301
Ion	Ratio	Lower	Upper
69	100		
41	60.1	49.5	74.3
39	27.6	22.5	33.7



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





#57

1,3-Dichloropropane

Concen: 19.571 ug/l

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU034292.D

Acq: 05 Sep 2019 18:38

Instrument :

MSVOA_U

ClientSampleId :

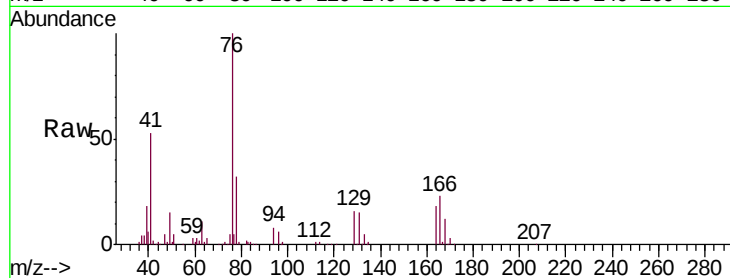
VU0906WBSD02

Tgt Ion: 76 Resp: 148348

Ion Ratio Lower Upper

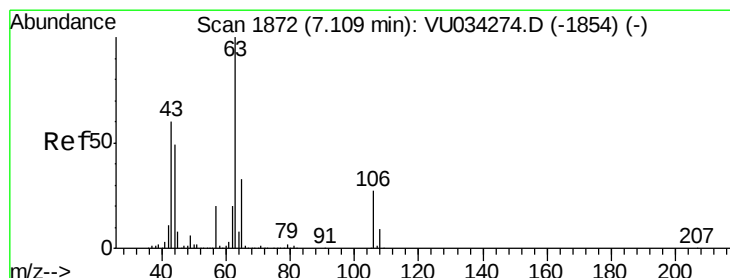
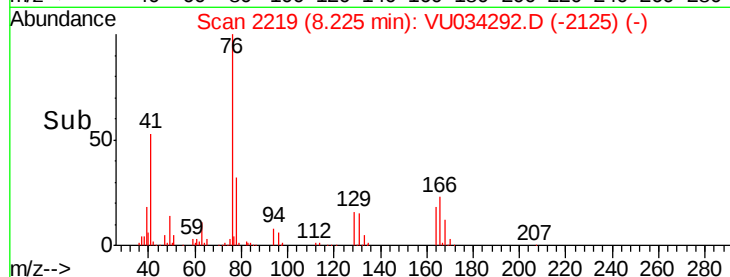
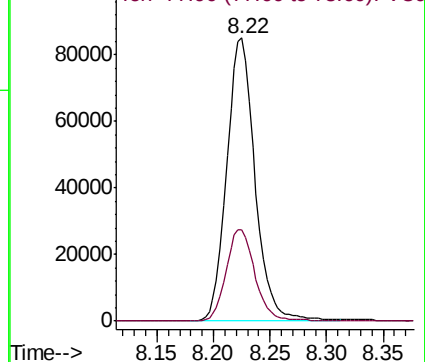
76 100

78 32.6 25.4 38.2



Abundance Ion 75.90 (75.60 to 76.60): VU034274.D (-2204) (-)

Ion 77.90 (77.60 to 78.60): VU034292.D (-2125) (-)



#58

2-Chloroethyl Vinyl ether

Concen: 96.126 ug/l

RT: 7.11 min Scan# 1872

Delta R.T. 0.00 min

Lab File: VU034292.D

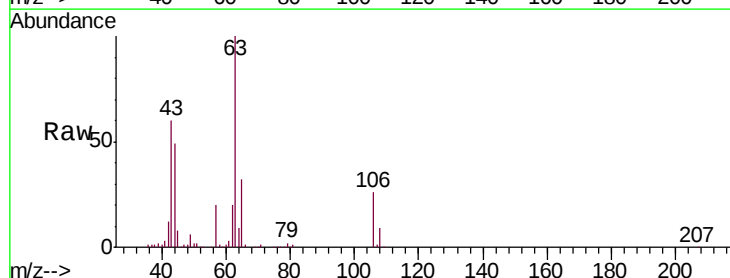
Acq: 05 Sep 2019 18:38

Tgt Ion: 63 Resp: 203792

Ion Ratio Lower Upper

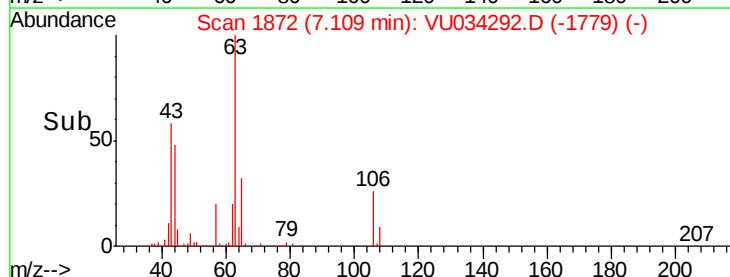
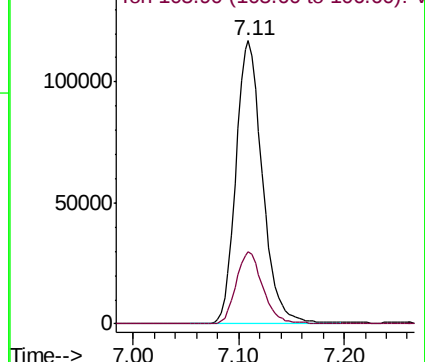
63 100

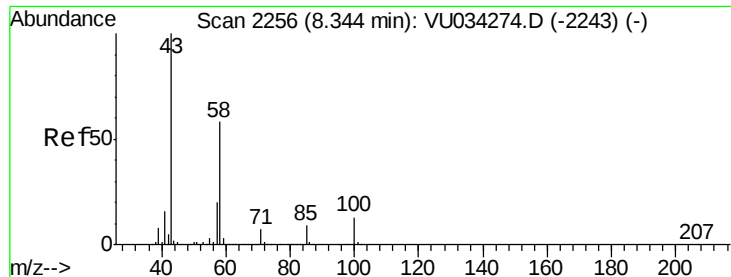
106 25.8 21.6 32.4



Abundance Ion 62.90 (62.60 to 63.60): VU034274.D (-1854) (-)

Ion 105.90 (105.60 to 106.60): VU034292.D (-1779) (-)

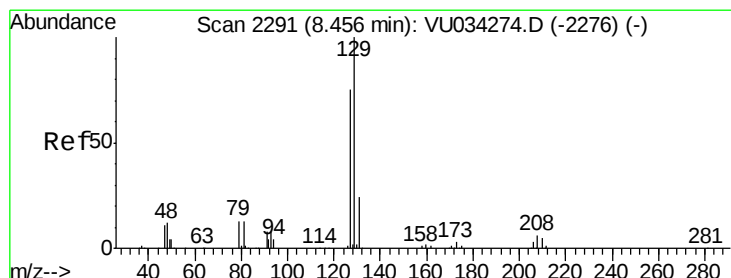
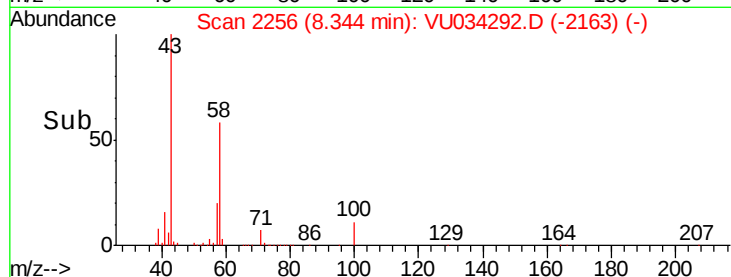
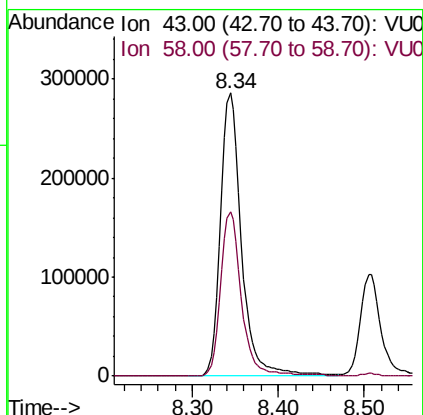
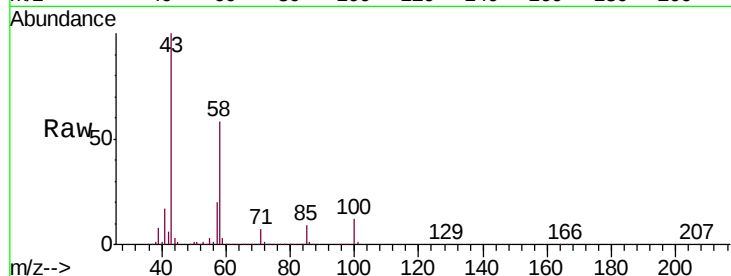




#59
2-Hexanone
Concen: 100.194 ug/l
RT: 8.34 min Scan# 2256
Delta R.T. 0.00 min
Lab File: VU034292.D
Acq: 05 Sep 2019 18:38

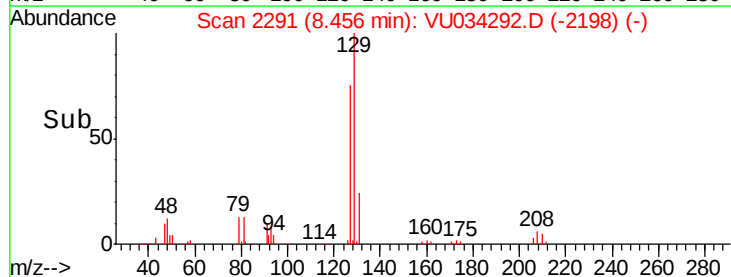
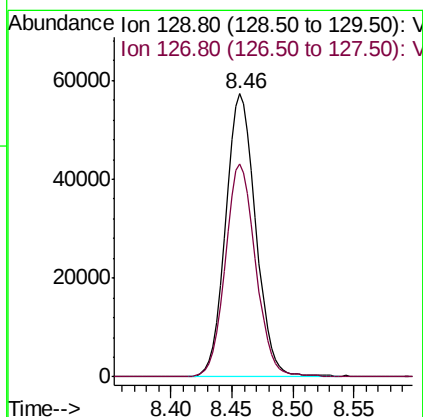
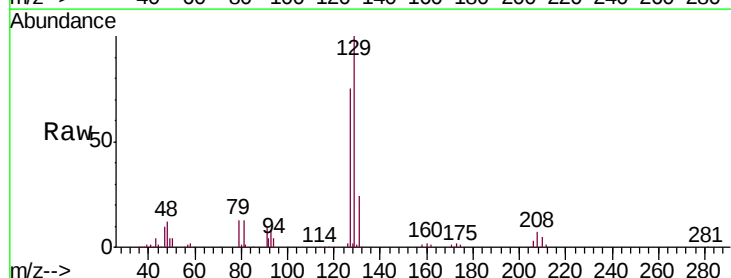
Instrument :
MSVOA_U
ClientSampleId :
VU0906WBSD02

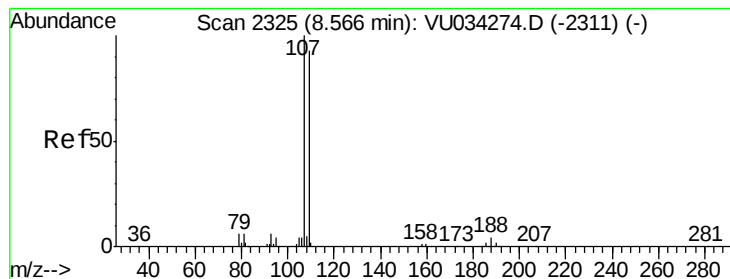
Tgt Ion: 43 Resp: 483984
Ion Ratio Lower Upper
43 100
58 57.6 28.8 86.5



#60
Dibromochloromethane
Concen: 19.845 ug/l
RT: 8.46 min Scan# 2291
Delta R.T. 0.00 min
Lab File: VU034292.D
Acq: 05 Sep 2019 18:38

Tgt Ion: 129 Resp: 99086
Ion Ratio Lower Upper
129 100
127 76.0 37.9 113.7





#61

1,2-Dibromoethane

Concen: 19.799 ug/l

RT: 8.57 min Scan# 2326

Delta R.T. 0.00 min

Lab File: VU034292.D

Acq: 05 Sep 2019 18:38

Instrument :

MSVOA_U

ClientSampleId :

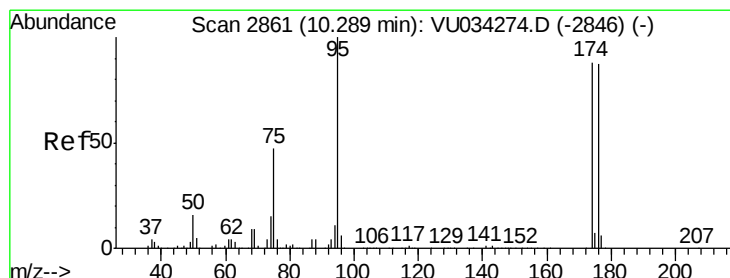
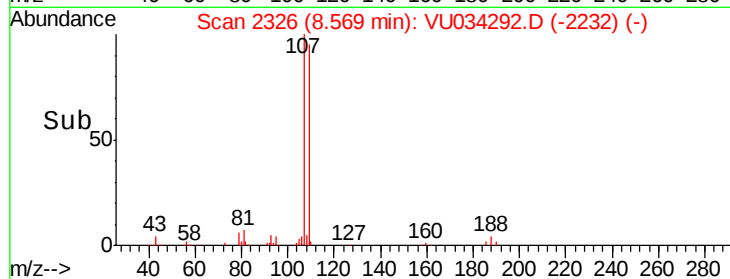
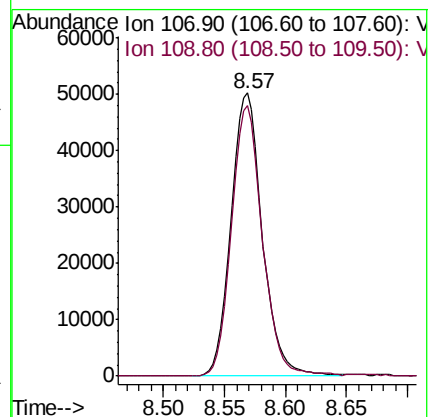
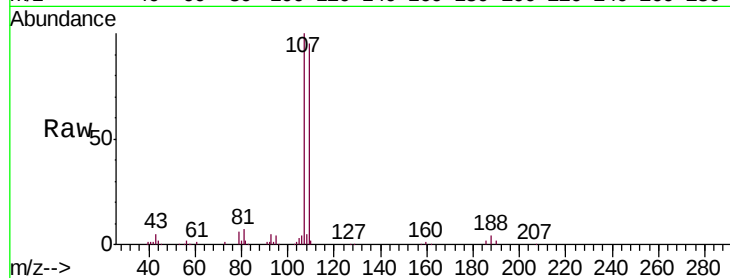
VU0906WBSD02

Tgt Ion: 107 Resp: 90208

Ion Ratio Lower Upper

107 100

109 94.6 75.0 112.6



#62

4-Bromofluorobenzene

Concen: 49.612 ug/l

RT: 10.29 min Scan# 2861

Delta R.T. 0.00 min

Lab File: VU034292.D

Acq: 05 Sep 2019 18:38

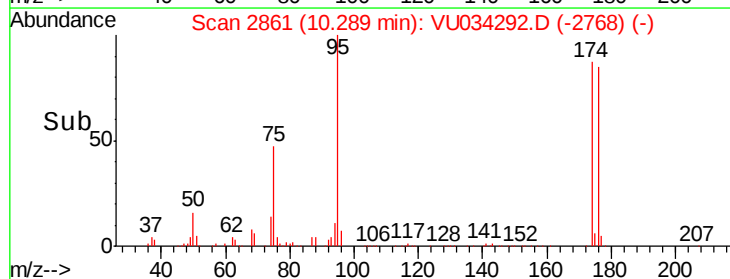
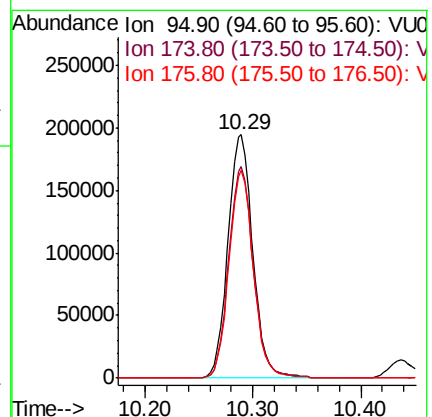
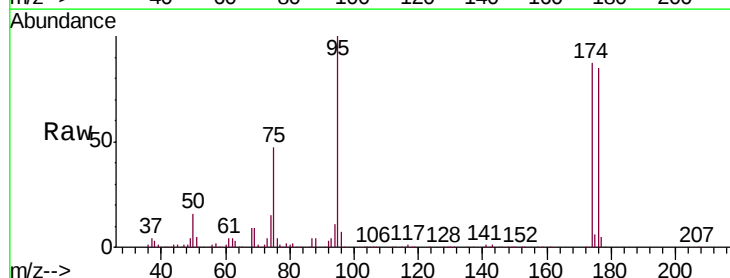
Tgt Ion: 95 Resp: 312722

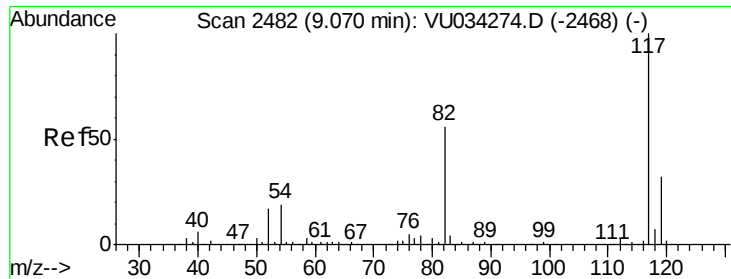
Ion Ratio Lower Upper

95 100

174 86.6 0.0 175.2

176 83.8 0.0 168.0

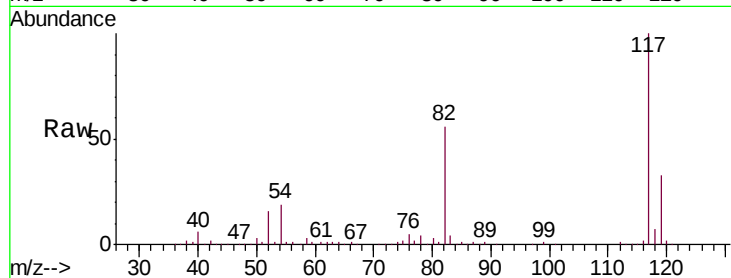




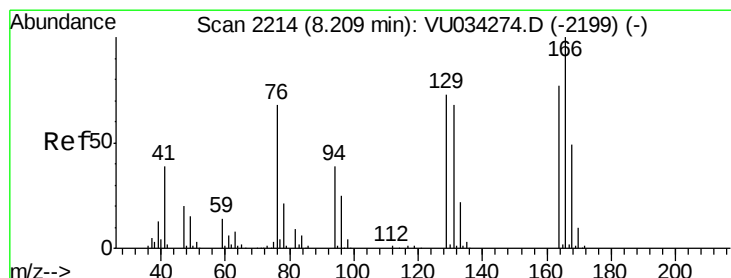
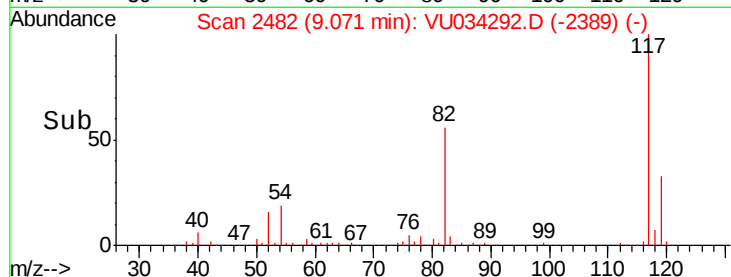
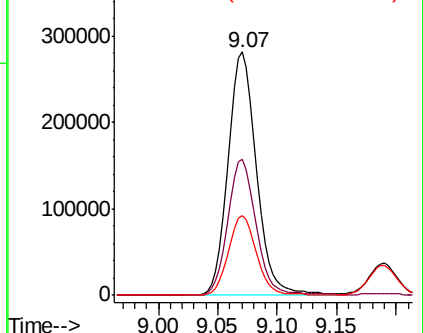
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2482
Delta R.T. 0.00 min
Lab File: VU034292.D
Acq: 05 Sep 2019 18:38

Instrument :
MSVOA_U
ClientSampleId :
VU0906WBSD02

Tgt Ion:117 Resp: 467378
Ion Ratio Lower Upper
117 100
82 55.7 44.6 67.0
119 32.9 25.9 38.9

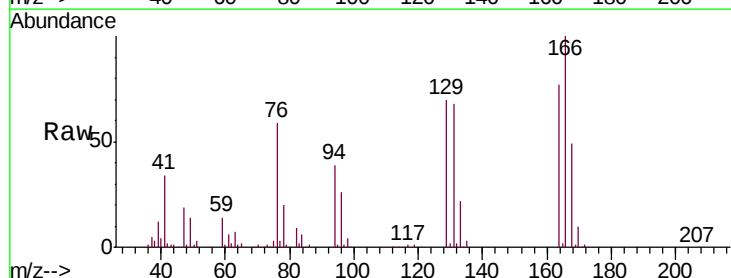


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

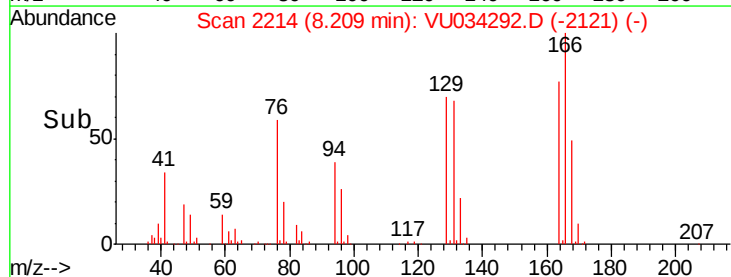
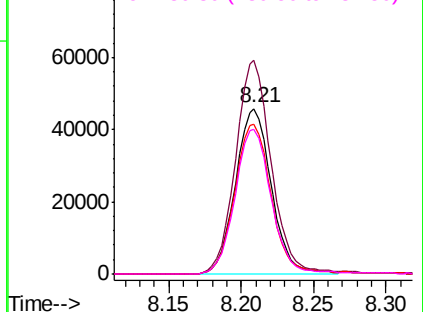


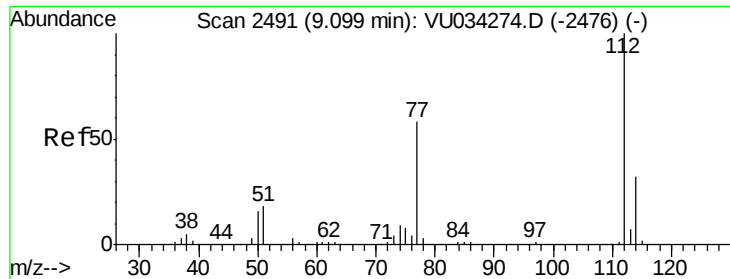
#64
Tetrachloroethene
Concen: 19.424 ug/l
RT: 8.21 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VU034292.D
Acq: 05 Sep 2019 18:38

Tgt Ion:164 Resp: 78758
Ion Ratio Lower Upper
164 100
166 129.3 103.7 155.5
129 90.7 75.8 113.8
131 87.9 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

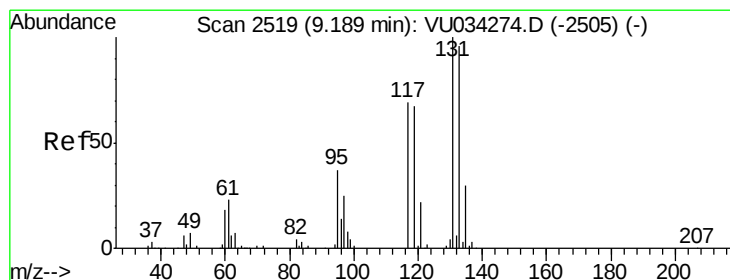
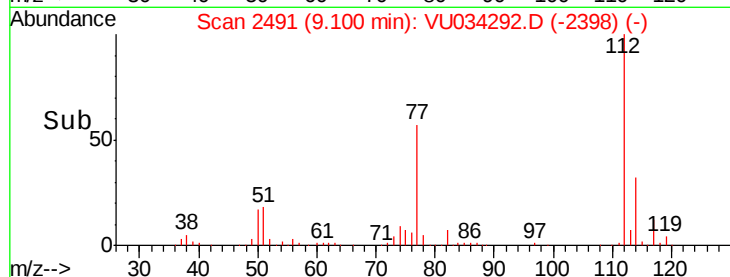
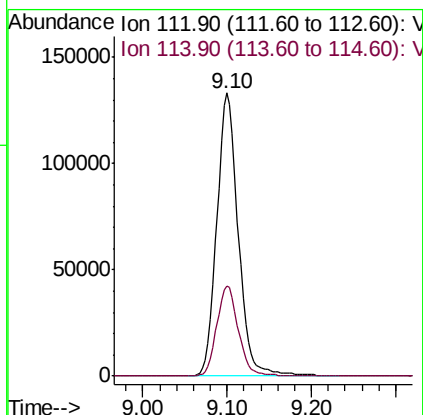
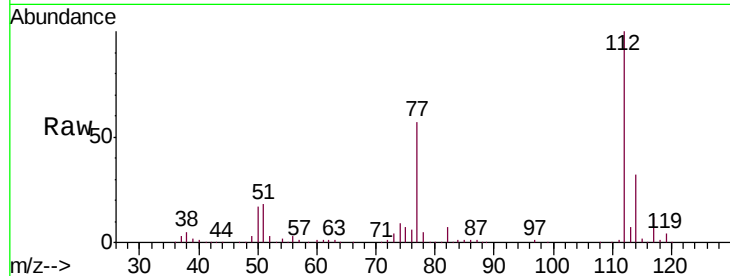




#65
Chlorobenzene
Concen: 19.868 ug/l
RT: 9.10 min Scan# 2491
Delta R.T. 0.00 min
Lab File: VU034292.D
Acq: 05 Sep 2019 18:38

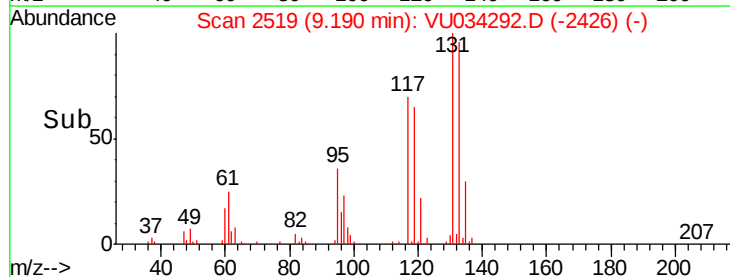
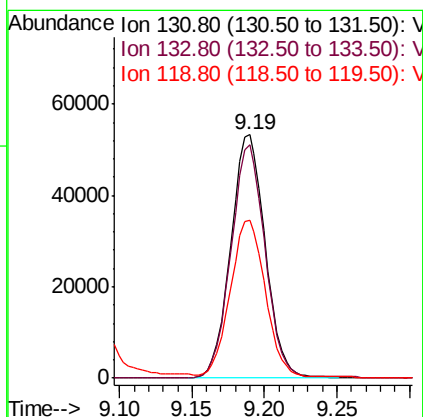
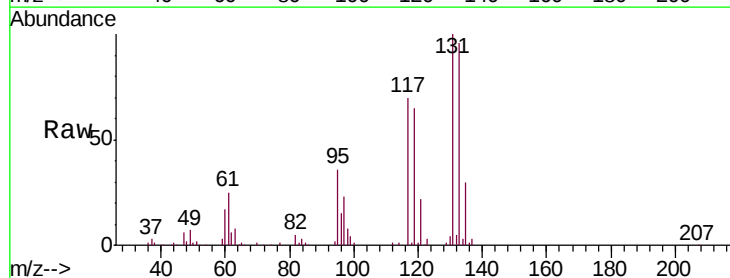
Instrument :
MSVOA_U
ClientSampleId :
VU0906WBSD02

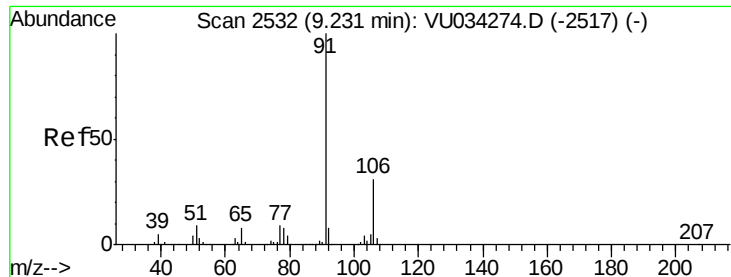
Tgt Ion:112 Resp: 235586
Ion Ratio Lower Upper
112 100
114 32.0 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 19.431 ug/l
RT: 9.19 min Scan# 2519
Delta R.T. 0.00 min
Lab File: VU034292.D
Acq: 05 Sep 2019 18:38

Tgt Ion:131 Resp: 87931
Ion Ratio Lower Upper
131 100
133 94.9 47.9 143.7
119 65.7 33.1 99.5

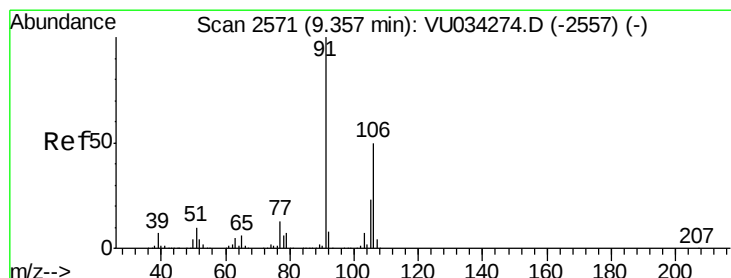
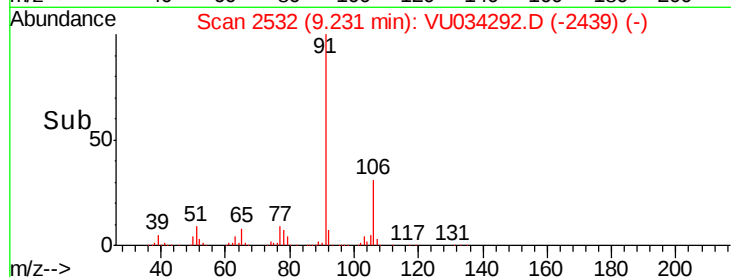
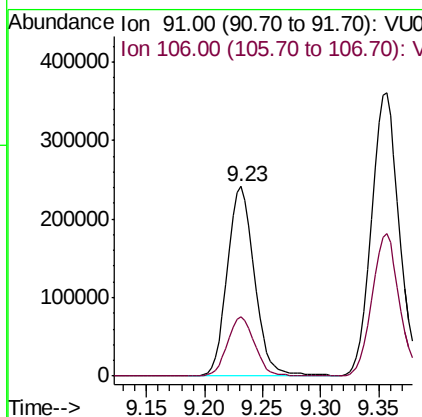
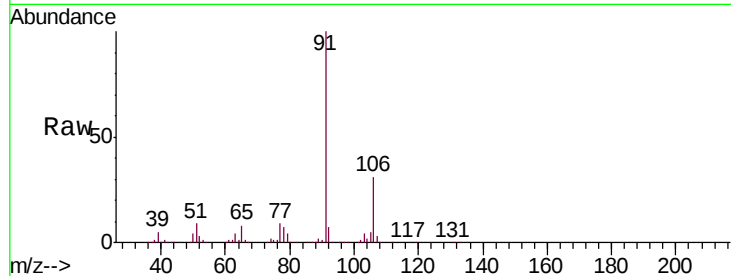




#67
 Ethyl Benzene
 Concen: 20.226 ug/l
 RT: 9.23 min Scan# 2532
 Delta R.T. 0.00 min
 Lab File: VU034292.D
 Acq: 05 Sep 2019 18:38

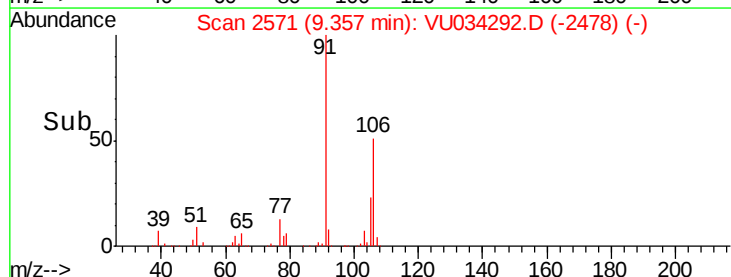
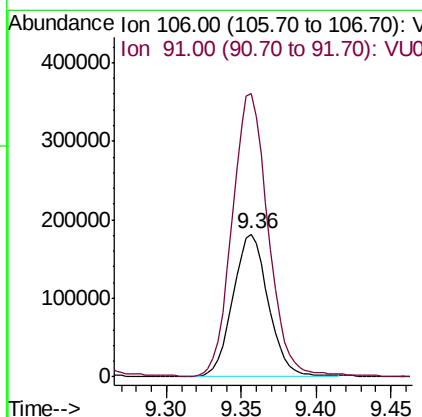
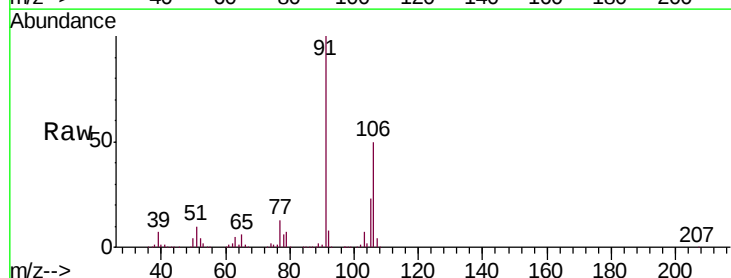
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0906WBSD02

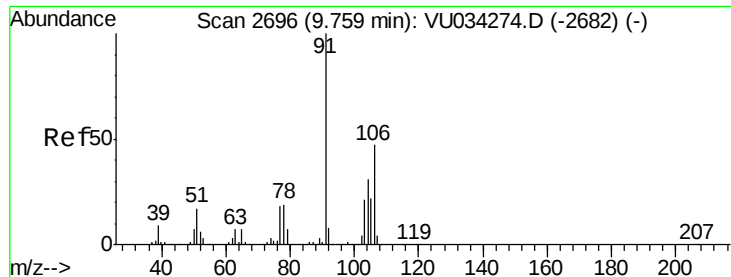
Tgt Ion: 91 Resp: 392130
 Ion Ratio Lower Upper
 91 100
 106 31.3 24.8 37.2



#68
 m/p-Xylenes
 Concen: 40.996 ug/l
 RT: 9.36 min Scan# 2571
 Delta R.T. 0.00 min
 Lab File: VU034292.D
 Acq: 05 Sep 2019 18:38

Tgt Ion: 106 Resp: 299303
 Ion Ratio Lower Upper
 106 100
 91 203.4 160.1 240.1

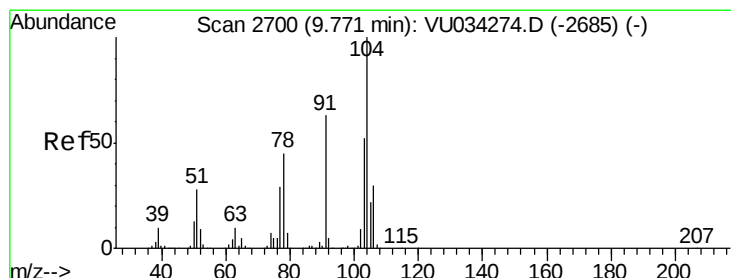
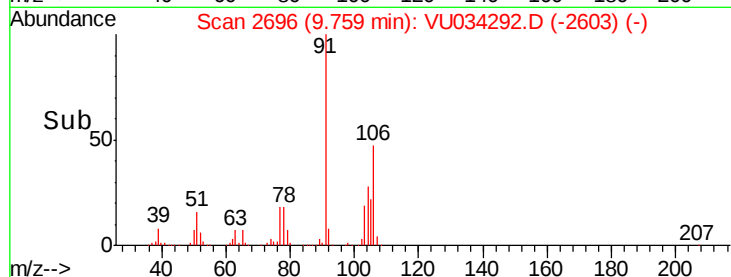
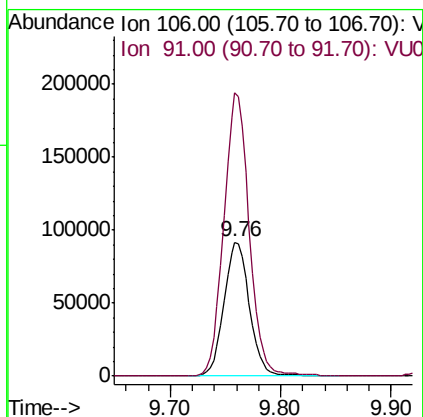
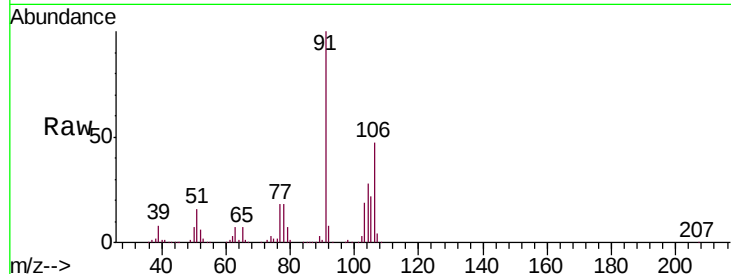




#69
o-Xylene
Concen: 20.681 ug/l
RT: 9.76 min Scan# 2696
Delta R.T. 0.00 min
Lab File: VU034292.D
Acq: 05 Sep 2019 18:38

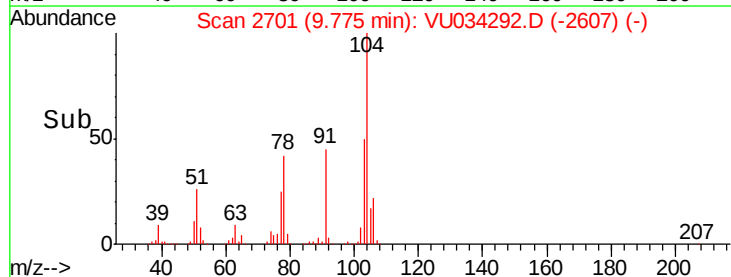
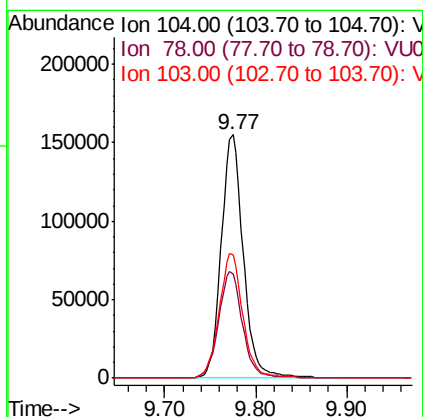
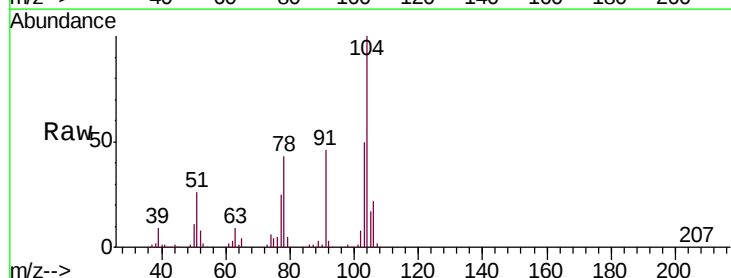
Instrument :
MSVOA_U
ClientSampleId :
VU0906WBSD02

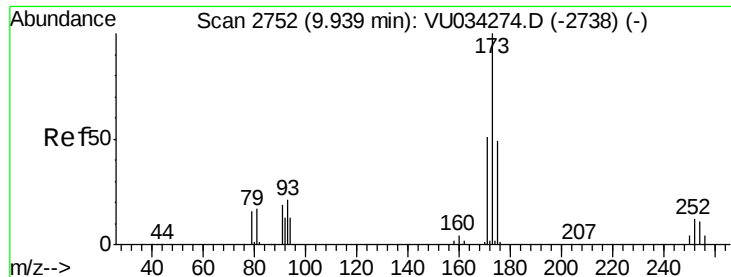
Tgt Ion:106 Resp: 147656
Ion Ratio Lower Upper
106 100
91 210.7 105.1 315.3



#70
Styrene
Concen: 20.973 ug/l
RT: 9.77 min Scan# 2701
Delta R.T. 0.00 min
Lab File: VU034292.D
Acq: 05 Sep 2019 18:38

Tgt Ion:104 Resp: 262536
Ion Ratio Lower Upper
104 100
78 47.5 38.6 57.8
103 54.7 44.2 66.4





#71

Bromoform

Concen: 19.445 ug/l

RT: 9.94 min Scan# 2752

Delta R.T. 0.00 min

Lab File: VU034292.D

Acq: 05 Sep 2019 18:38

Instrument :

MSVOA_U

ClientSampleId :

VU0906WBSD02

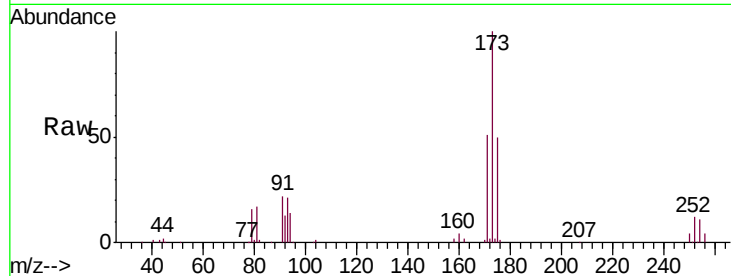
Tgt Ion:173 Resp: 76261

Ion Ratio Lower Upper

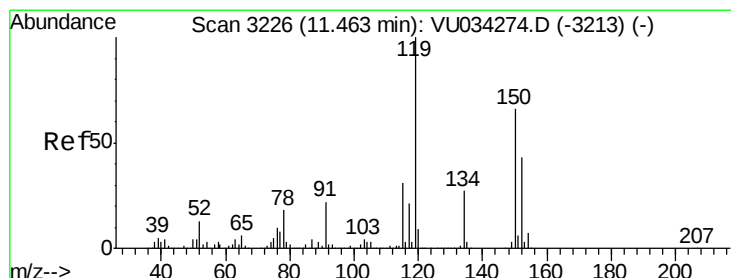
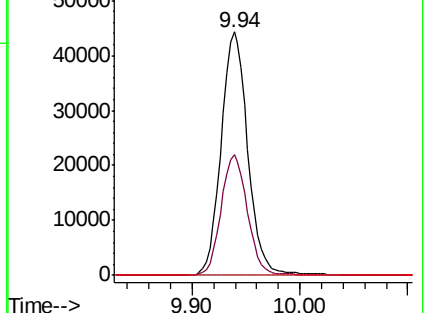
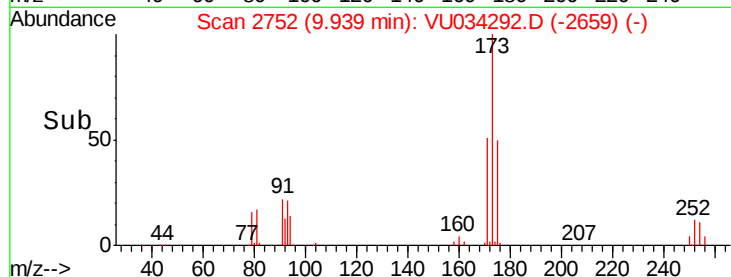
173 100

175 48.8 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: VU034292.D

Acq: 05 Sep 2019 18:38

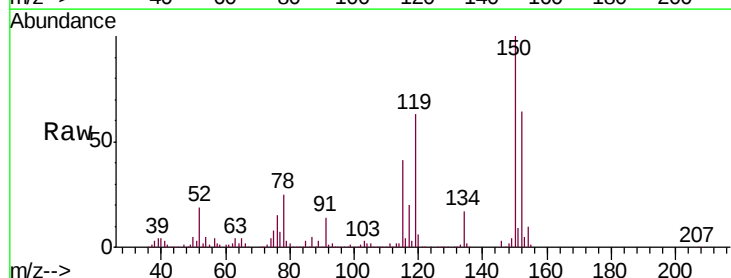
Tgt Ion:152 Resp: 305028

Ion Ratio Lower Upper

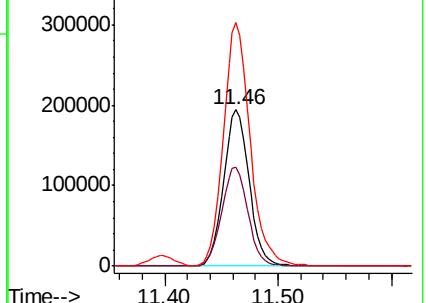
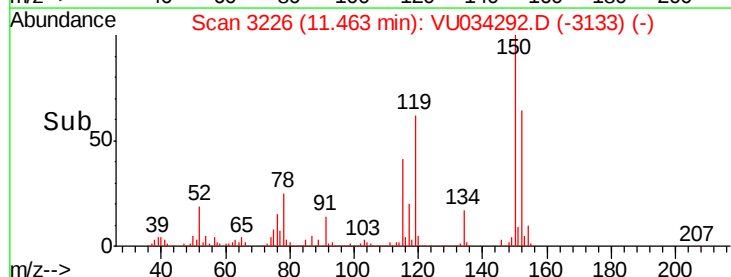
152 100

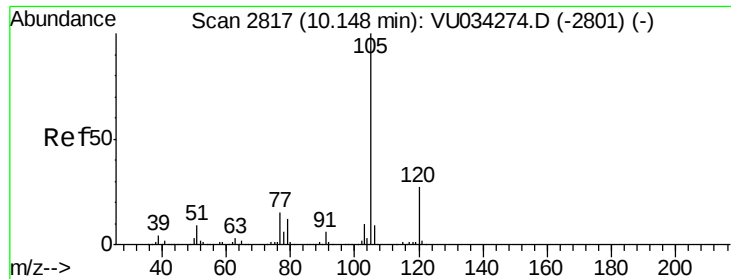
115 65.0 39.1 117.3

150 162.5 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: 20.377 ug/l

RT: 10.15 min Scan# 2817

Delta R.T. 0.00 min

Lab File: VU034292.D

Acq: 05 Sep 2019 18:38

Instrument :

MSVOA_U

ClientSampleId :

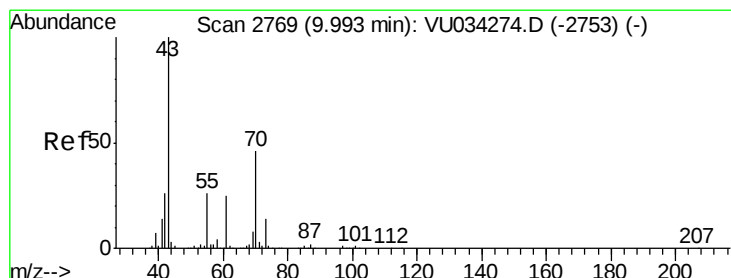
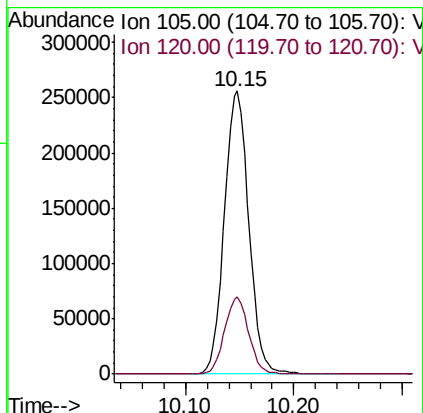
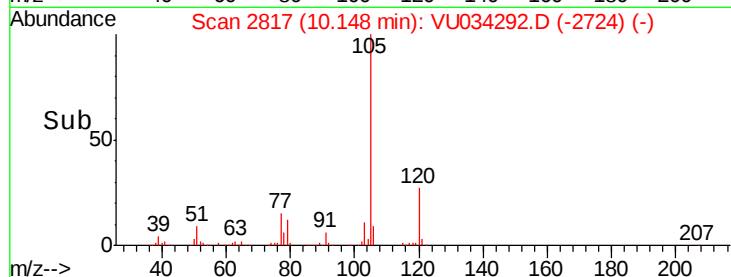
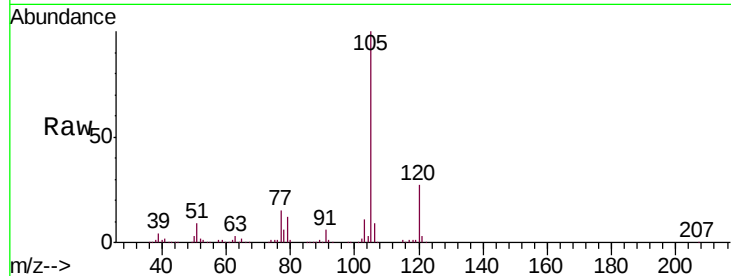
VU0906WBSD02

Tgt Ion: 105 Resp: 404491

Ion Ratio Lower Upper

105 100

120 26.9 13.4 40.2



#74

N-ethyl acetate

Concen: 20.106 ug/l

RT: 10.00 min Scan# 2770

Delta R.T. 0.00 min

Lab File: VU034292.D

Acq: 05 Sep 2019 18:38

Tgt Ion: 43 Resp: 160654

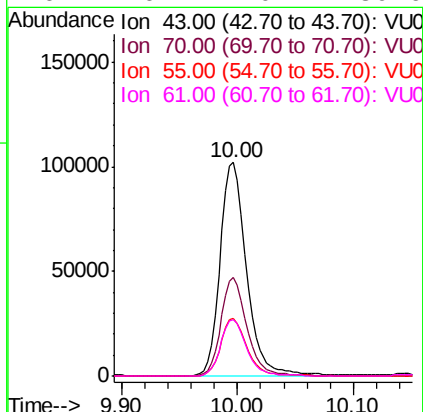
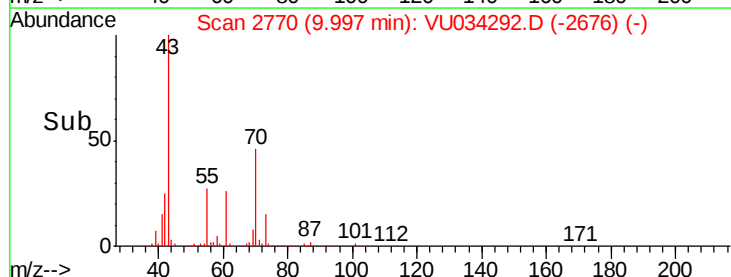
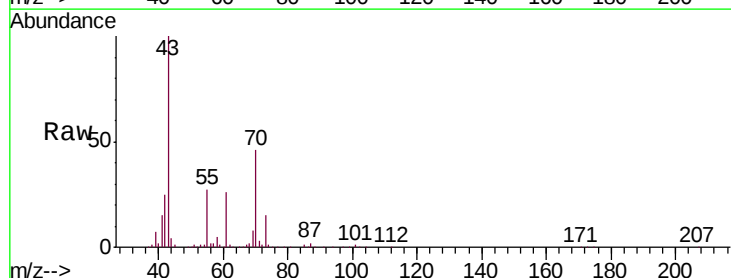
Ion Ratio Lower Upper

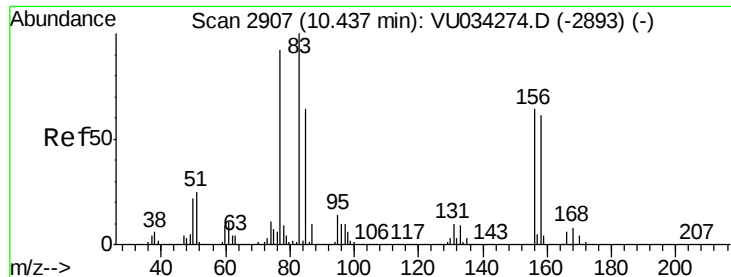
43 100

70 45.5 36.4 54.6

55 26.8 21.2 31.8

61 26.2 20.4 30.6





#75

1,1,2,2-Tetrachloroethane

Concen: 19.612 ug/l

RT: 10.44 min Scan# 2907

Delta R.T. 0.00 min

Lab File: VU034292.D

Acq: 05 Sep 2019 18:38

Instrument :

MSVOA_U

ClientSampleId :

VU0906WBSD02

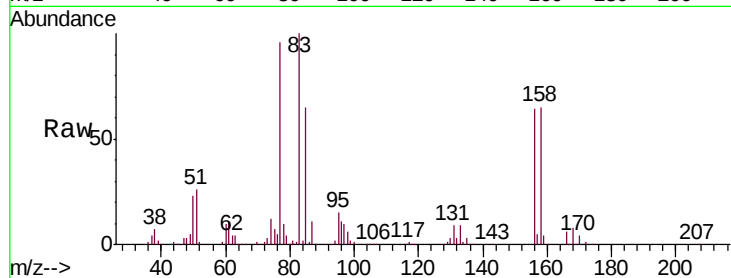
Tgt Ion: 83 Resp: 157584

Ion Ratio Lower Upper

83 100

131 9.3 5.1 15.2

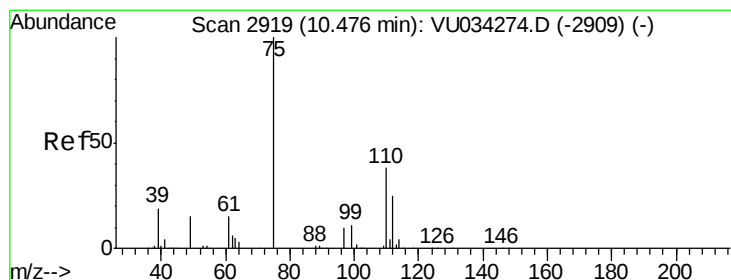
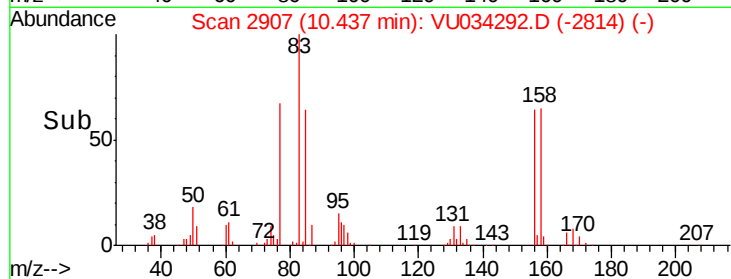
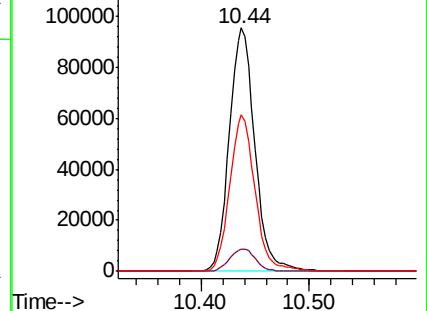
85 63.4 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VU034292.D (-2814) (-)

Ion 130.80 (130.50 to 131.50): VU034292.D (-2814) (-)

Ion 84.90 (84.60 to 85.60): VU034292.D (-2814) (-)



#76

1,2,3-Trichloropropane

Concen: 25.132 ug/l

RT: 10.48 min Scan# 2919

Delta R.T. 0.00 min

Lab File: VU034292.D

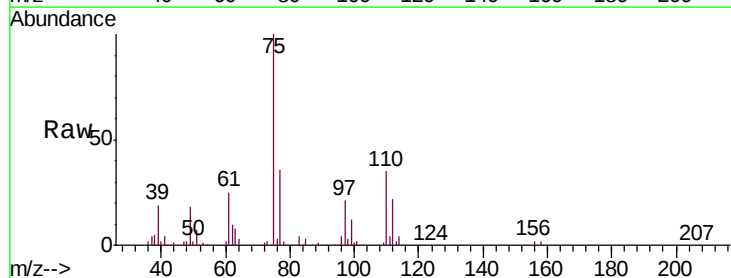
Acq: 05 Sep 2019 18:38

Tgt Ion: 75 Resp: 167337

Ion Ratio Lower Upper

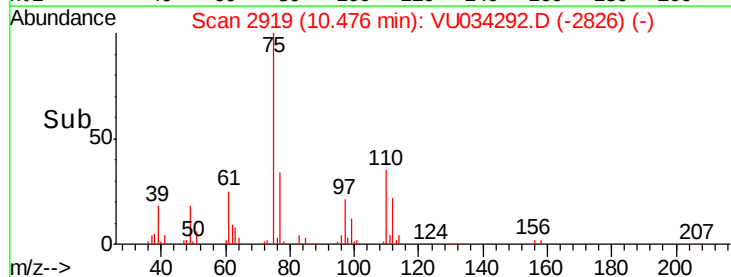
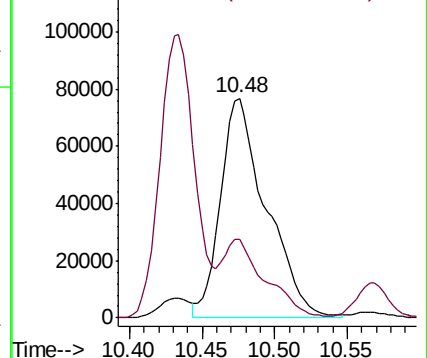
75 100

77 33.3 20.8 62.2



Abundance Ion 74.90 (74.60 to 75.60): VU034292.D (-2826) (-)

Ion 77.00 (76.70 to 77.70): VU034292.D (-2826) (-)

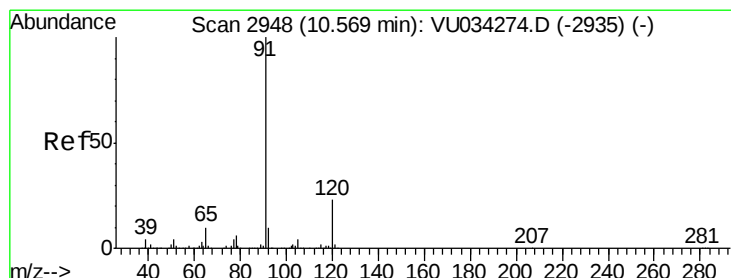
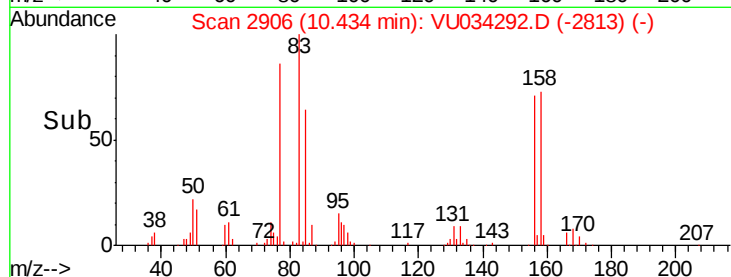
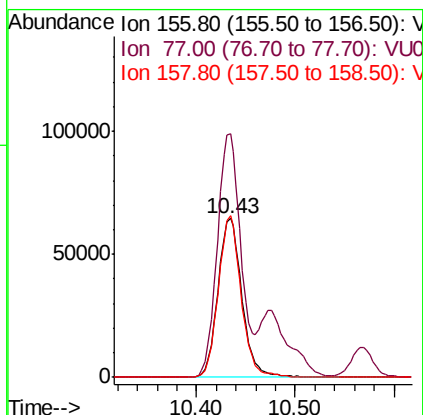
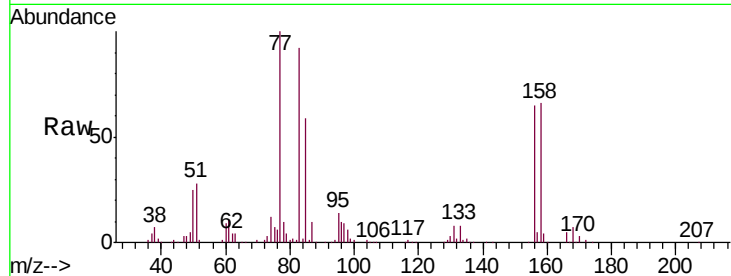




#77
Bromobenzene
Concen: 19.871 ug/l
RT: 10.43 min Scan# 2906
Delta R.T. 0.00 min
Lab File: VU034292.D
Acq: 05 Sep 2019 18:38

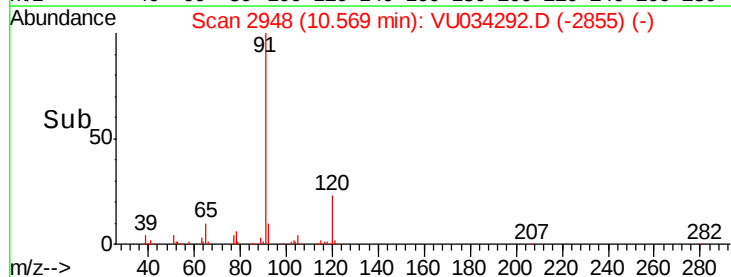
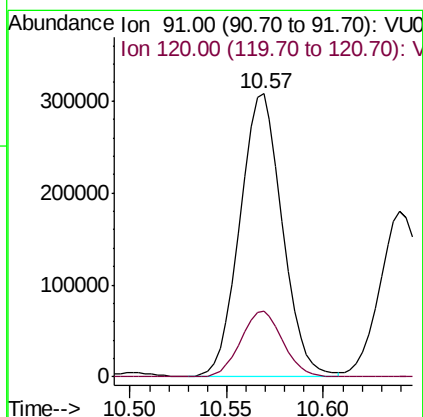
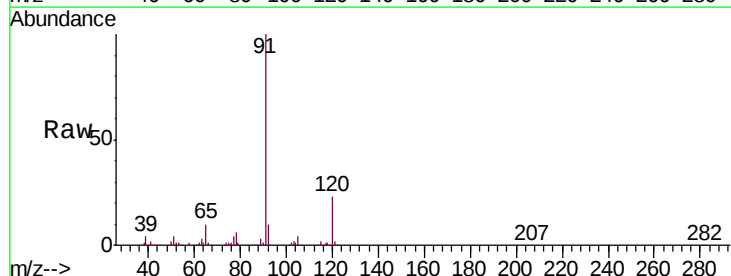
Instrument :
MSVOA_U
ClientSampleId :
VU0906WBSD02

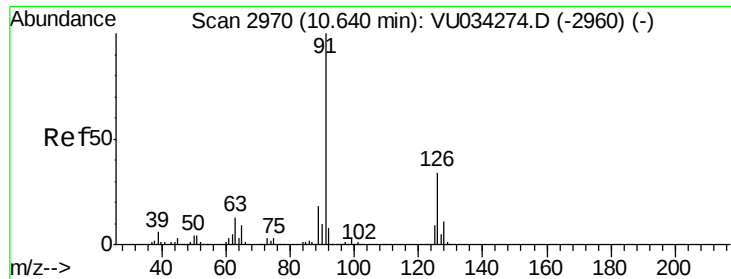
Tgt Ion:156 Resp: 110292
Ion Ratio Lower Upper
156 100
77 151.5 75.6 226.9
158 96.9 48.2 144.6



#78
n-propylbenzene
Concen: 20.444 ug/l
RT: 10.57 min Scan# 2948
Delta R.T. 0.00 min
Lab File: VU034292.D
Acq: 05 Sep 2019 18:38

Tgt Ion: 91 Resp: 468693
Ion Ratio Lower Upper
91 100
120 23.4 11.7 35.0

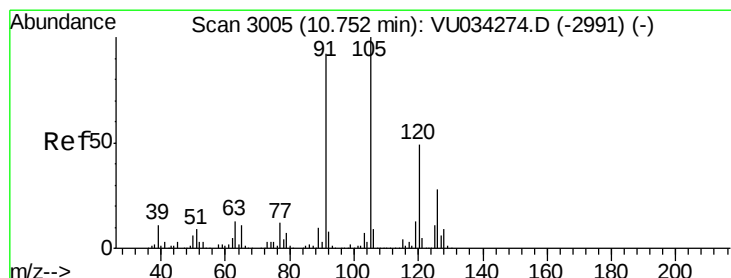
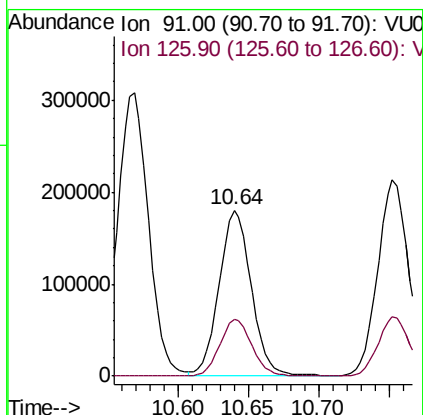
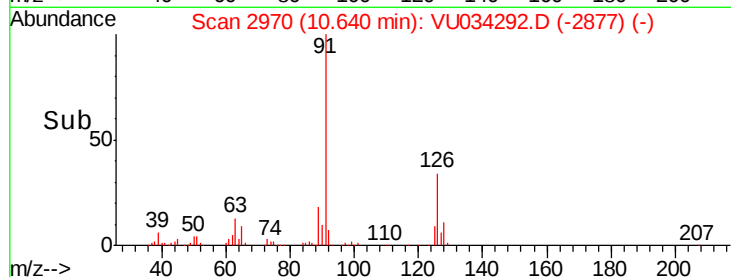
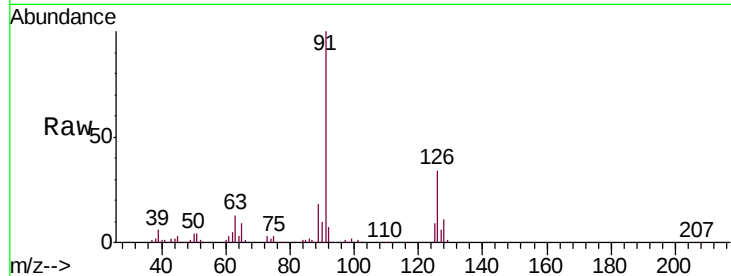




#79
2-Chlorotoluene
Concen: 20.350 ug/l
RT: 10.64 min Scan# 2970
Delta R.T. 0.00 min
Lab File: VU034292.D
Acq: 05 Sep 2019 18:38

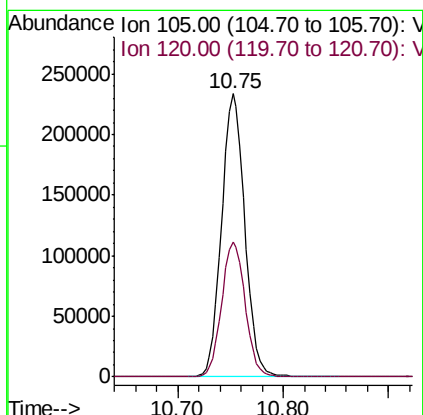
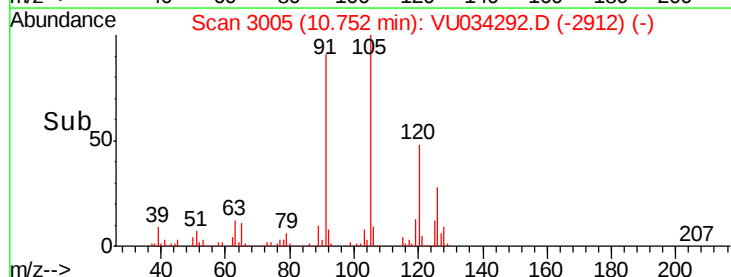
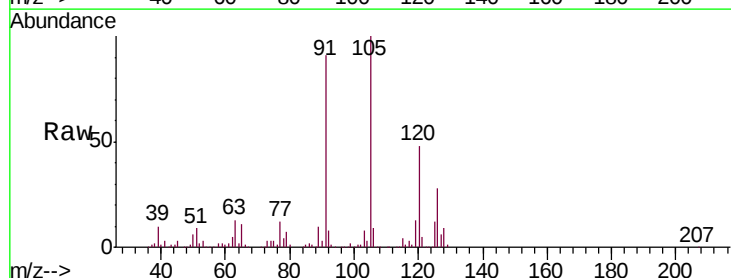
Instrument :
MSVOA_U
ClientSampleId :
VU0906WBSD02

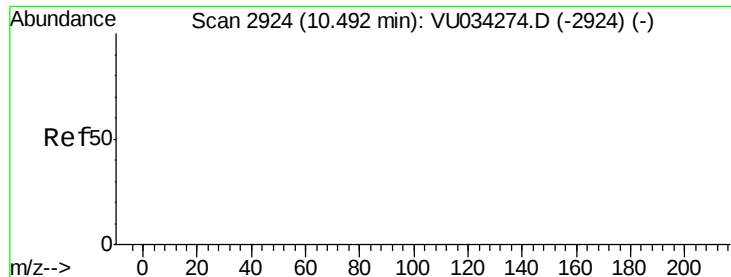
Tgt Ion: 91 Resp: 284656
Ion Ratio Lower Upper
91 100
126 34.5 17.3 51.9



#80
1,3,5-Trimethylbenzene
Concen: 21.402 ug/l
RT: 10.75 min Scan# 3005
Delta R.T. 0.00 min
Lab File: VU034292.D
Acq: 05 Sep 2019 18:38

Tgt Ion: 105 Resp: 355310
Ion Ratio Lower Upper
105 100
120 48.6 24.9 74.7





#81

trans-1,4-Dichloro-2-butene

Concen: 84.519 ug/l

RT: 10.48 min Scan# 2919

Delta R.T. -0.02 min

Lab File: VU034292.D

Acq: 05 Sep 2019 18:38

Instrument :

MSVOA_U

ClientSampleId :

VU0906WBSD02

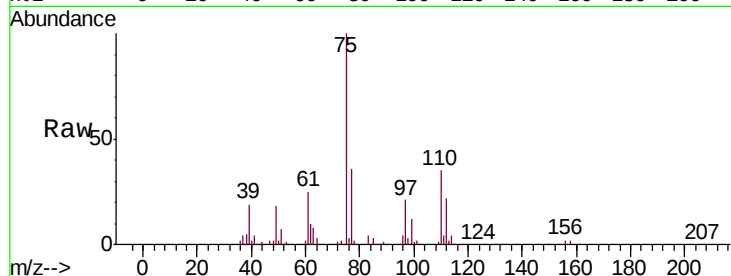
Tgt Ion: 75 Resp: 167337

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

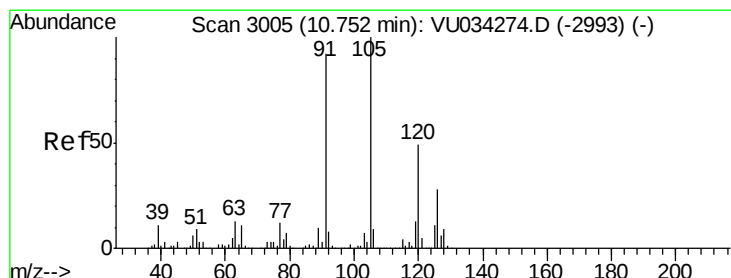
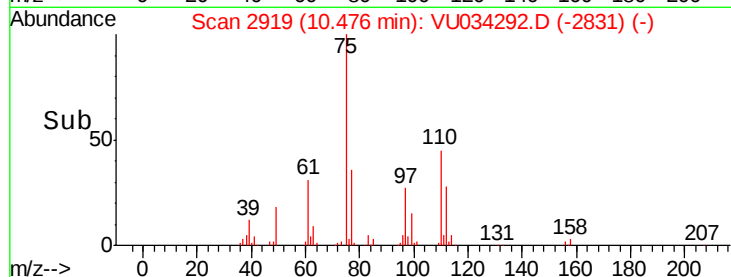
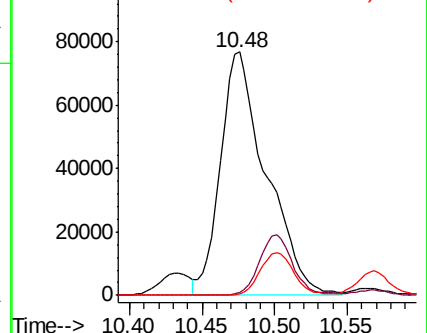
89 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VU034274.D (-2924) (-)

Ion 53.00 (52.70 to 53.70): VU034292.D (-2831) (-)

Ion 88.90 (88.60 to 89.60): VU034292.D (-2831) (-)



#82

4-Chlorotoluene

Concen: 20.479 ug/l

RT: 10.75 min Scan# 3005

Delta R.T. 0.00 min

Lab File: VU034292.D

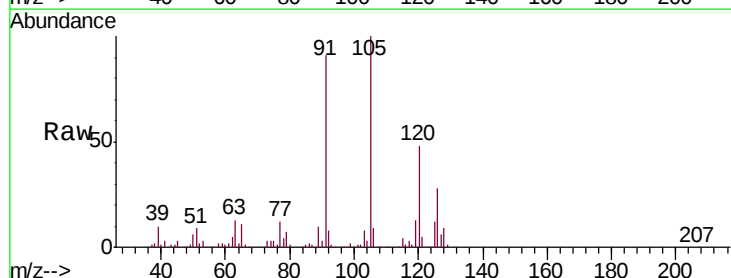
Acq: 05 Sep 2019 18:38

Tgt Ion: 91 Resp: 329663

Ion Ratio Lower Upper

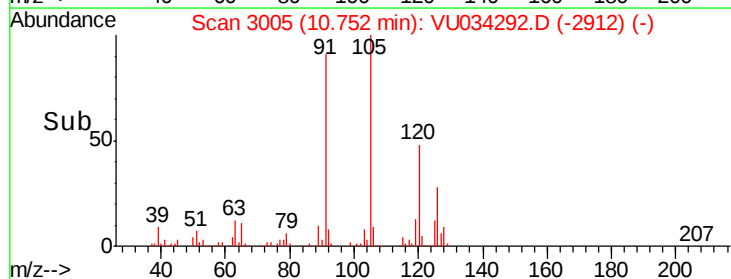
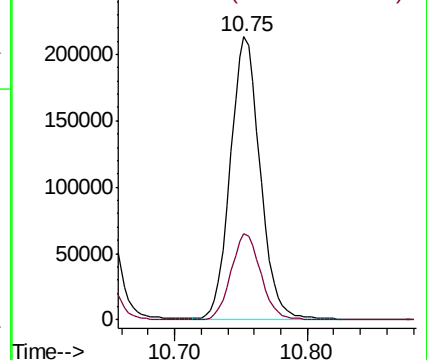
91 100

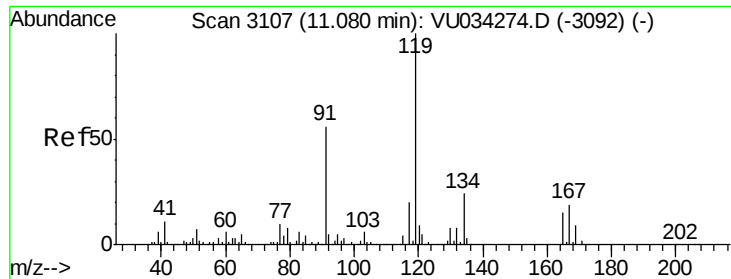
126 31.2 15.3 45.8



Abundance Ion 91.00 (90.70 to 91.70): VU034274.D (-2993) (-)

Ion 125.90 (125.60 to 126.60): VU034292.D (-2912) (-)

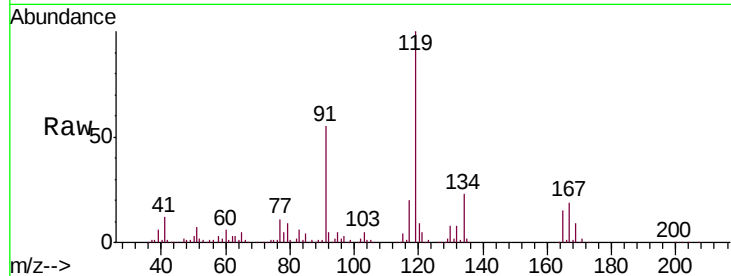




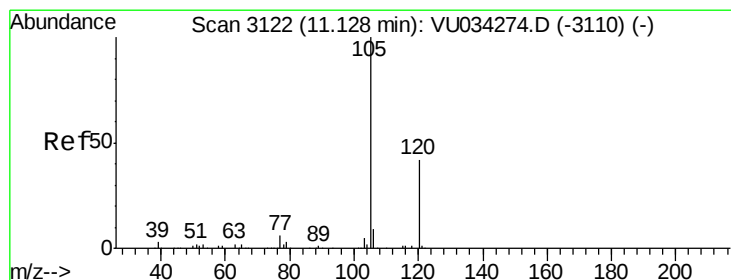
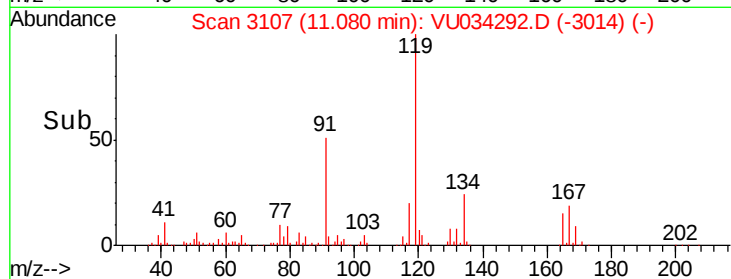
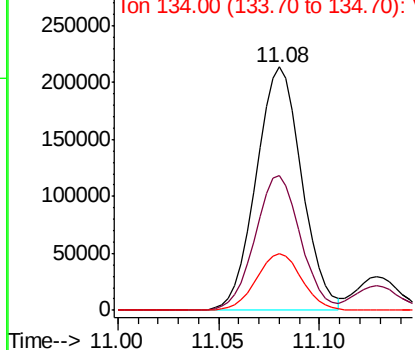
#83
 tert-Butylbenzene
 Concen: 20.328 ug/l
 RT: 11.08 min Scan# 3107
 Delta R.T. 0.00 min
 Lab File: VU034292.D
 Acq: 05 Sep 2019 18:38

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0906WBSD02

Tgt Ion:119 Resp: 337602
 Ion Ratio Lower Upper
 119 100
 91 55.0 27.8 83.4
 134 23.3 11.7 35.0

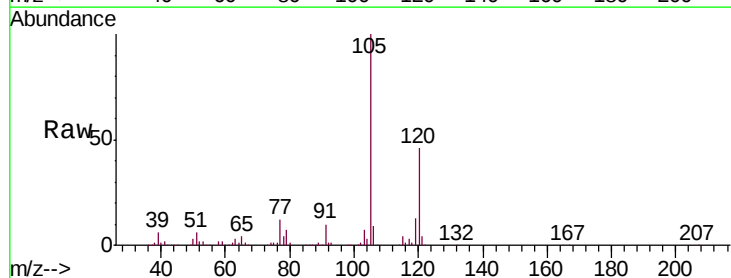


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VU0
 Ion 134.00 (133.70 to 134.70): V

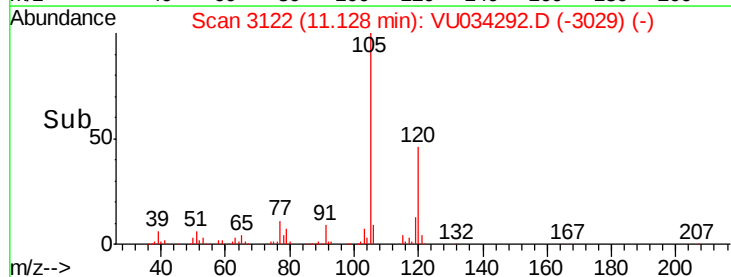
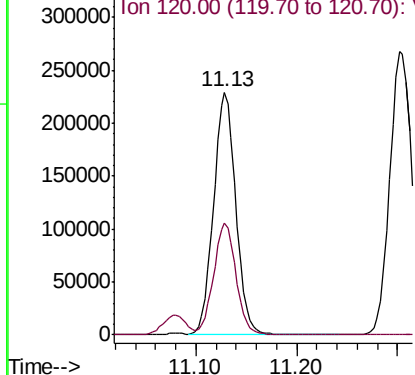


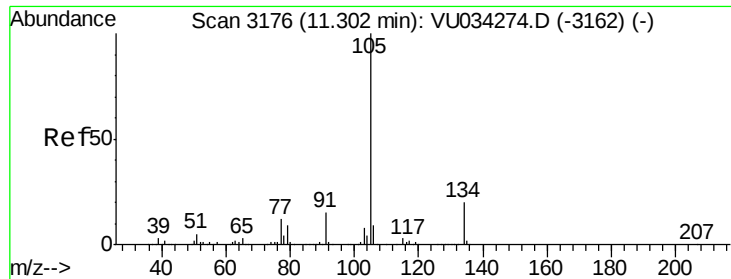
#84
 1,2,4-Trimethylbenzene
 Concen: 20.963 ug/l
 RT: 11.13 min Scan# 3122
 Delta R.T. 0.00 min
 Lab File: VU034292.D
 Acq: 05 Sep 2019 18:38

Tgt Ion:105 Resp: 350319
 Ion Ratio Lower Upper
 105 100
 120 46.6 22.9 68.8



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

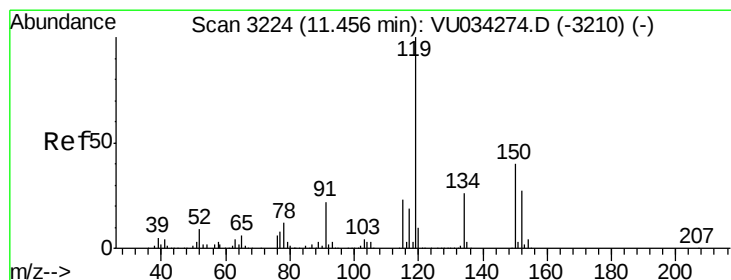
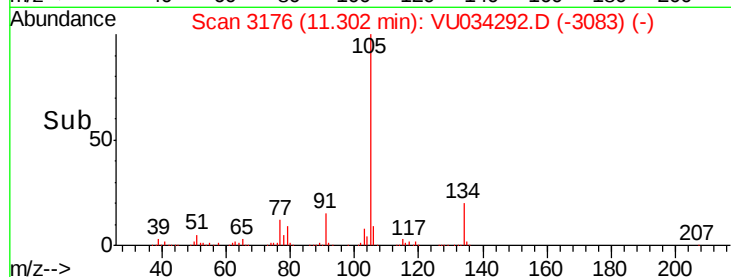
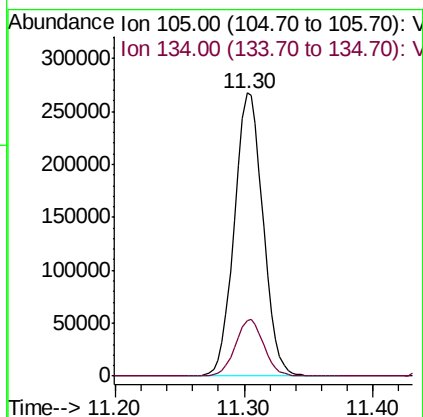
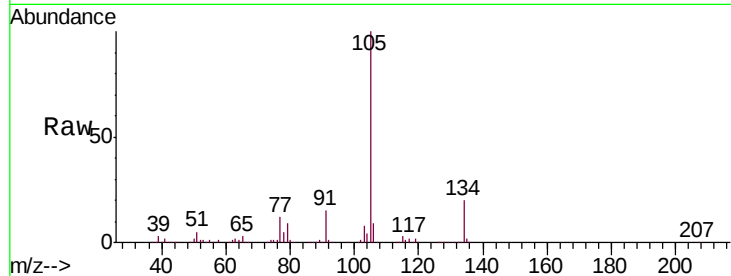




#85
 sec-Butylbenzene
 Concen: 20.987 ug/l
 RT: 11.30 min Scan# 3176
 Delta R.T. 0.00 min
 Lab File: VU034292.D
 Acq: 05 Sep 2019 18:38

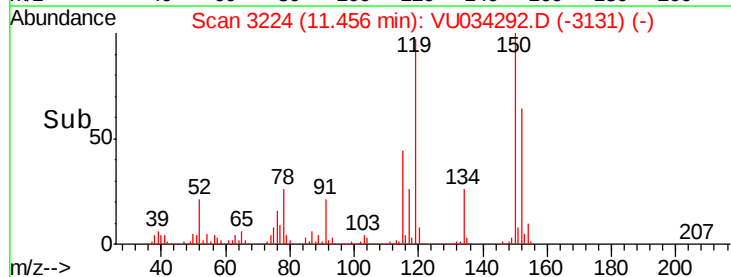
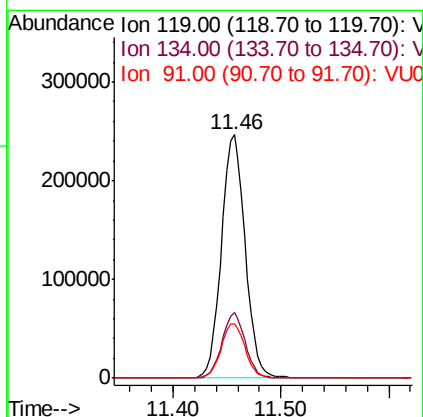
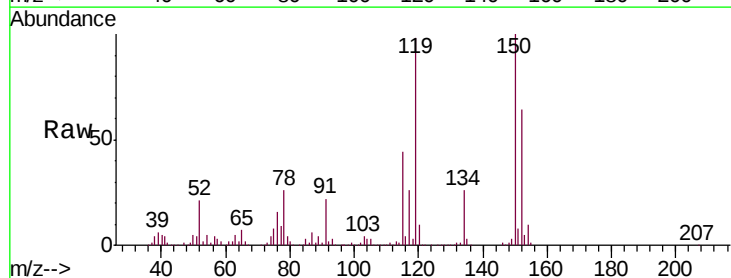
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0906WBSD02

Tgt Ion:105 Resp: 411486
 Ion Ratio Lower Upper
 105 100
 134 19.8 10.1 30.3



#86
 p-Isopropyltoluene
 Concen: 20.709 ug/l
 RT: 11.46 min Scan# 3224
 Delta R.T. 0.00 min
 Lab File: VU034292.D
 Acq: 05 Sep 2019 18:38

Tgt Ion:119 Resp: 374777
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.3 39.8
 91 22.6 11.2 33.6

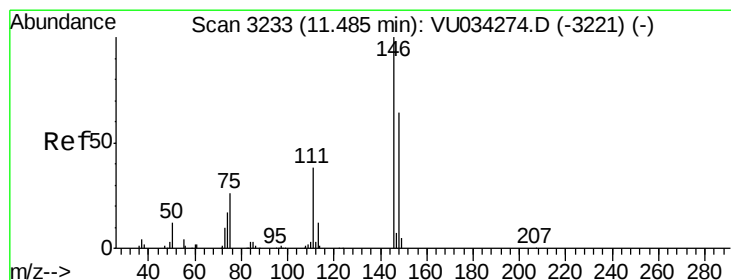
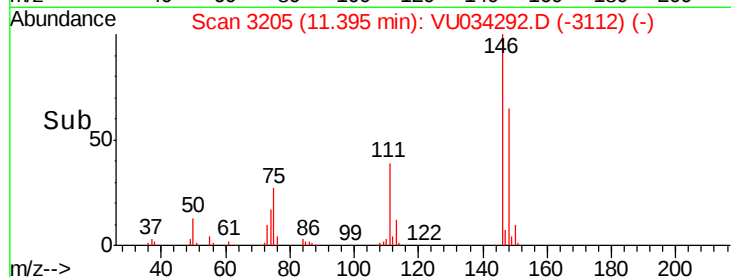
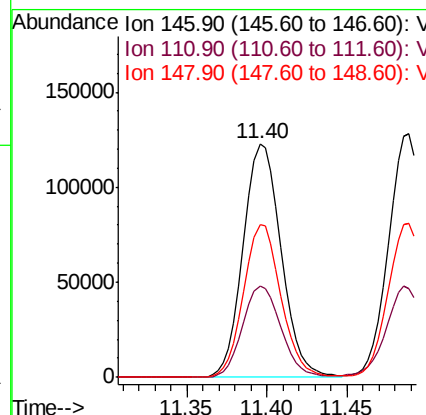
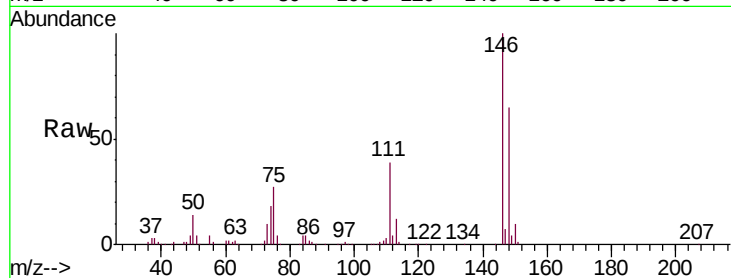




#87
 1,3-Dichlorobenzene
 Concen: 19.620 ug/l
 RT: 11.40 min Scan# 3205
 Delta R.T. 0.00 min
 Lab File: VU034292.D
 Acq: 05 Sep 2019 18:38

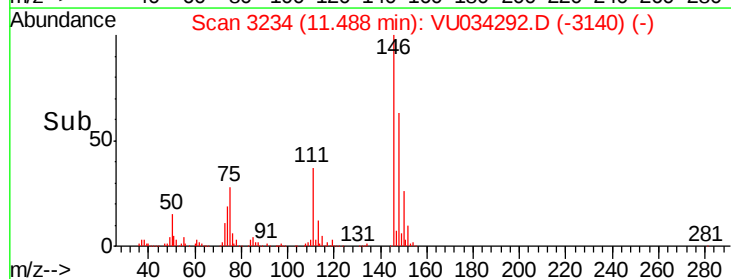
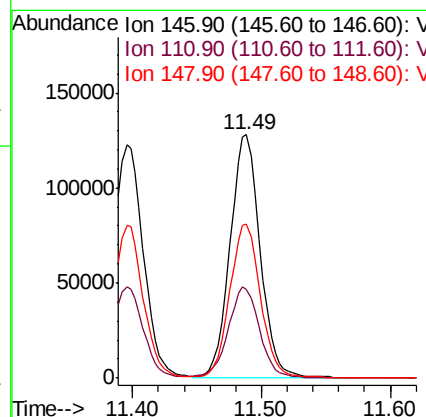
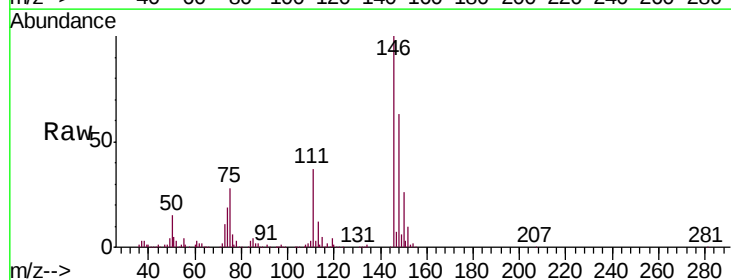
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0906WBSD02

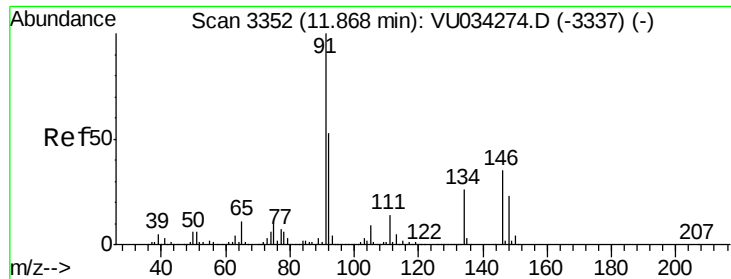
Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.4	19.5	58.5
148	64.3	32.1	96.3



#88
 1,4-Dichlorobenzene
 Concen: 19.472 ug/l
 RT: 11.49 min Scan# 3234
 Delta R.T. 0.00 min
 Lab File: VU034292.D
 Acq: 05 Sep 2019 18:38

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.3	19.1	57.3
148	65.1	32.0	96.0

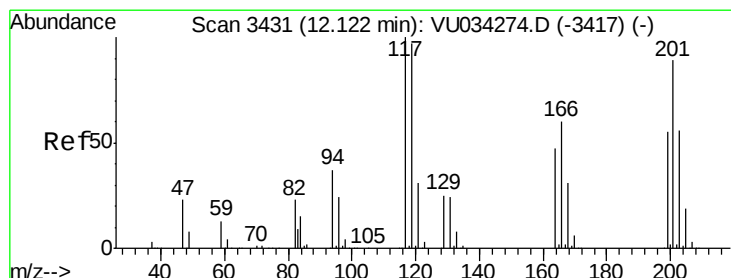
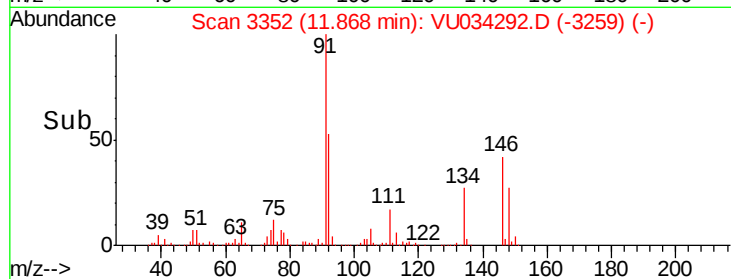
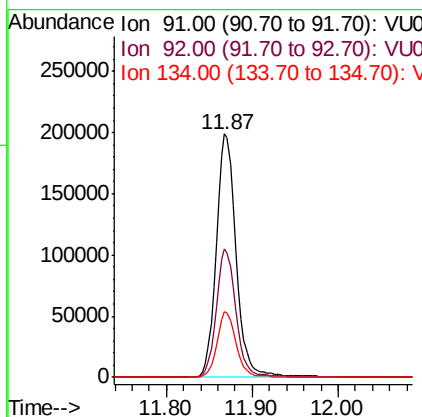
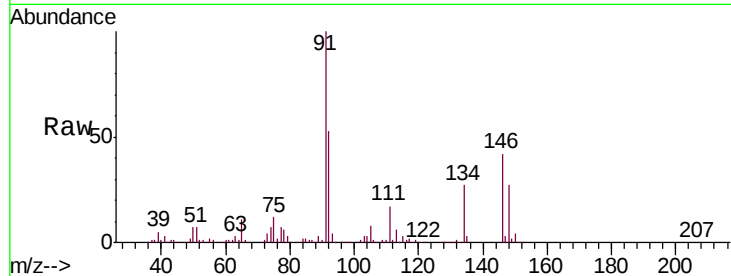




#89
n-Butylbenzene
Concen: 20.414 ug/l
RT: 11.87 min Scan# 3352
Delta R.T. 0.00 min
Lab File: VU034292.D
Acq: 05 Sep 2019 18:38

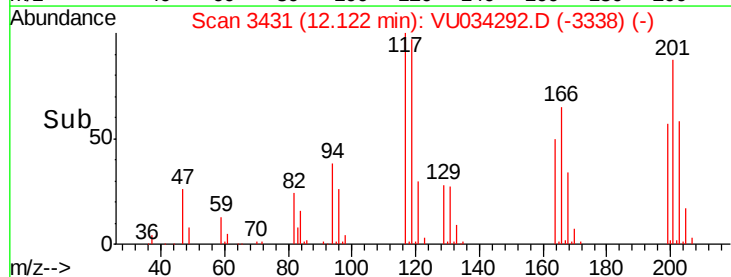
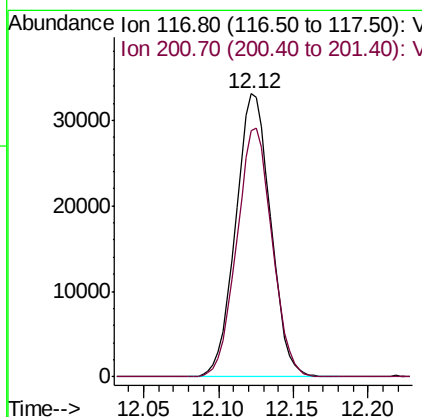
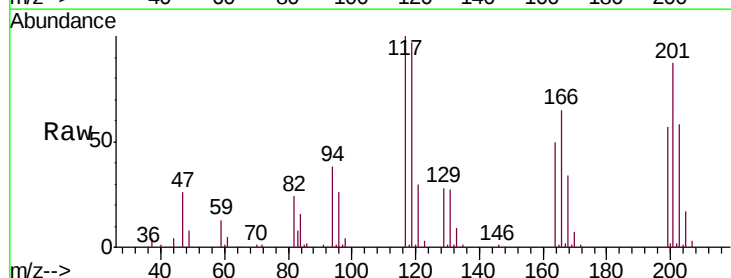
Instrument :
MSVOA_U
ClientSampleId :
VU0906WBSD02

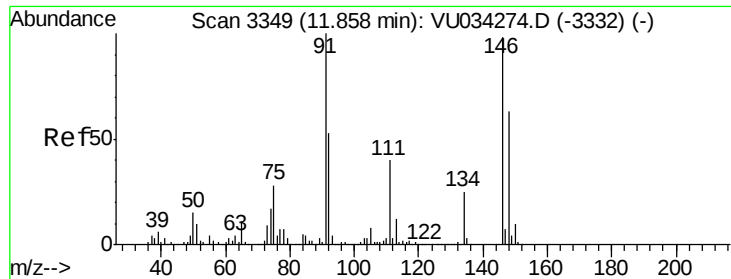
Tgt Ion: 91 Resp: 321038
Ion Ratio Lower Upper
91 100
92 52.4 26.5 79.4
134 26.1 13.2 39.6



#90
Hexachloroethane
Concen: 18.616 ug/l
RT: 12.12 min Scan# 3431
Delta R.T. 0.00 min
Lab File: VU034292.D
Acq: 05 Sep 2019 18:38

Tgt Ion: 117 Resp: 53900
Ion Ratio Lower Upper
117 100
201 88.4 44.1 132.4

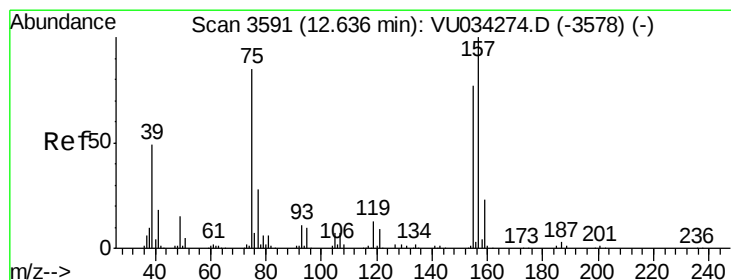
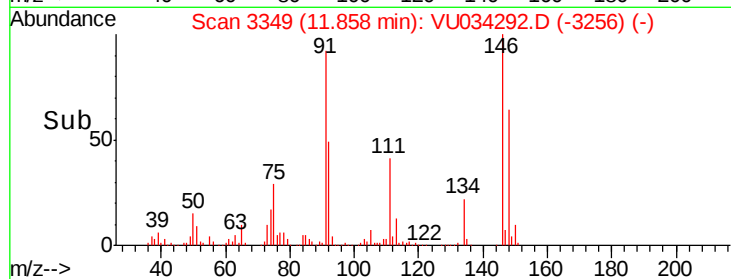
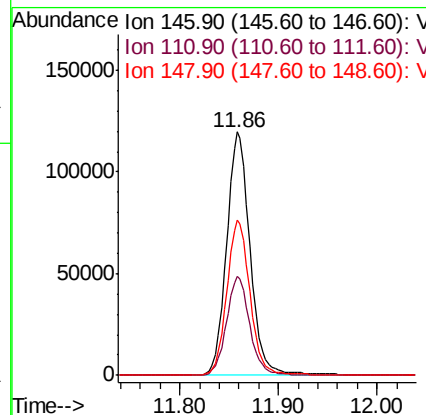
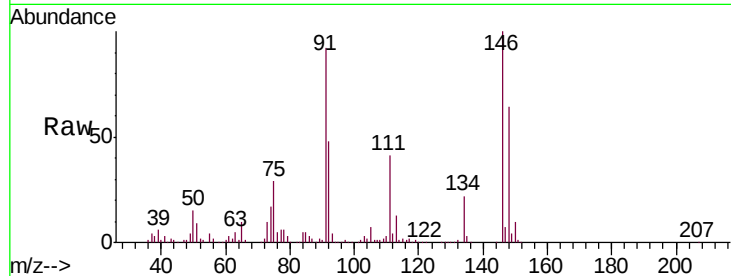




#91
 1,2-Dichlorobenzene
 Concen: 20.075 ug/l
 RT: 11.86 min Scan# 3349
 Delta R.T. 0.00 min
 Lab File: VU034292.D
 Acq: 05 Sep 2019 18:38

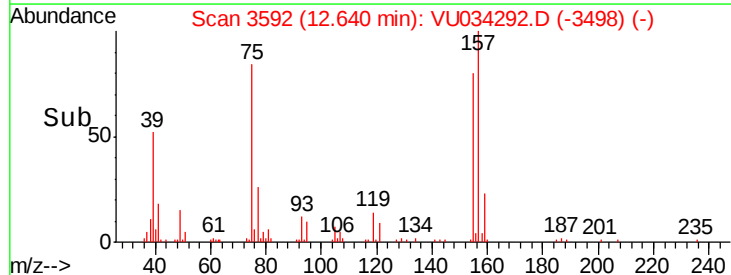
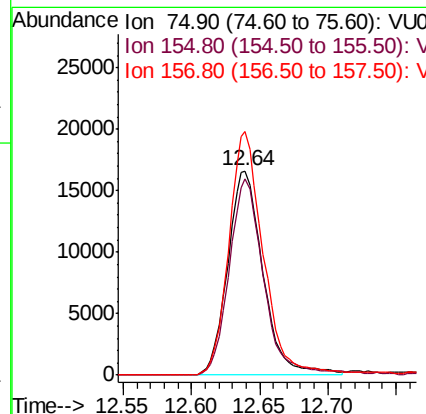
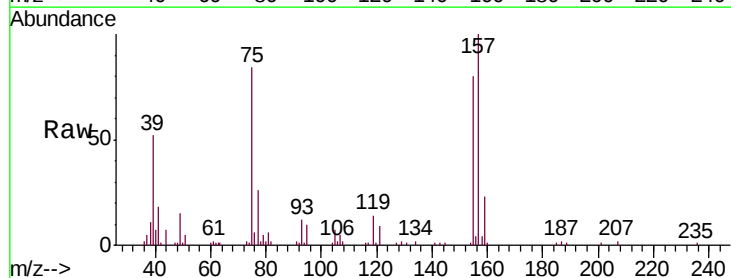
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0906WBSD02

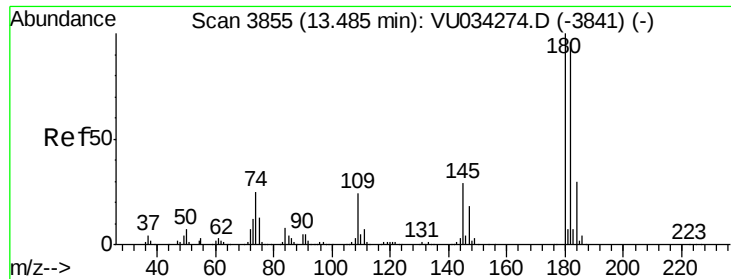
Tgt Ion: 146 Resp: 199825
 Ion Ratio Lower Upper
 146 100
 111 40.2 20.0 60.0
 148 63.2 31.6 94.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.298 ug/l
 RT: 12.64 min Scan# 3592
 Delta R.T. 0.00 min
 Lab File: VU034292.D
 Acq: 05 Sep 2019 18:38

Tgt Ion: 75 Resp: 29970
 Ion Ratio Lower Upper
 75 100
 155 92.0 44.6 134.0
 157 116.3 58.2 174.6

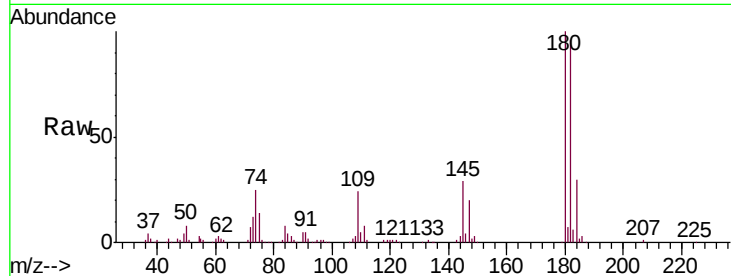




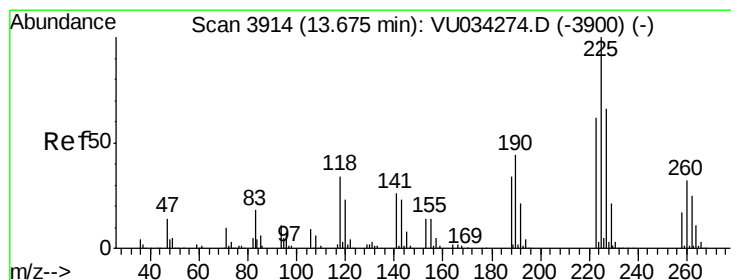
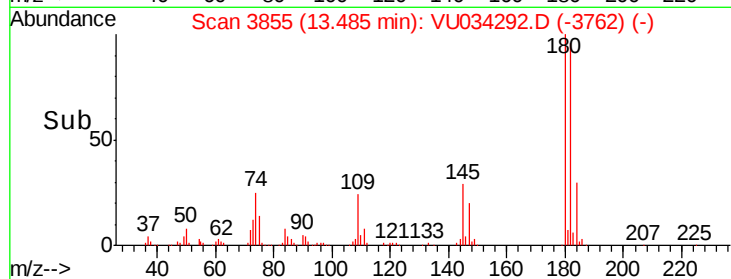
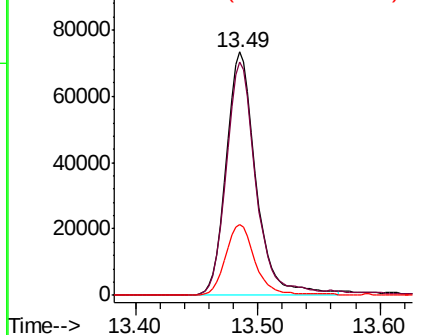
#93
 1,2,4-Trichlorobenzene
 Concen: 19.654 ug/l
 RT: 13.49 min Scan# 3855
 Delta R.T. 0.00 min
 Lab File: VU034292.D
 Acq: 05 Sep 2019 18:38

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0906WBSD02

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.4	47.9	143.8
145	29.4	14.4	43.0

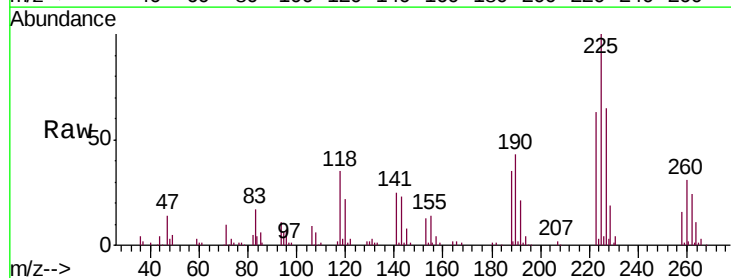


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

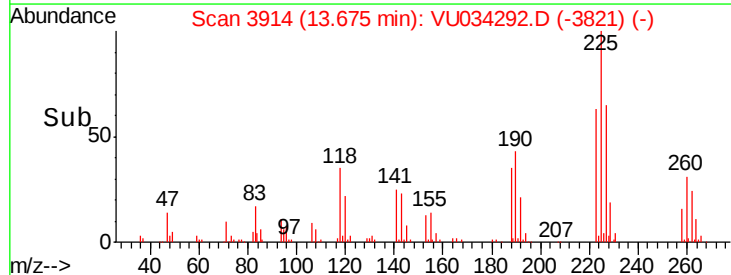
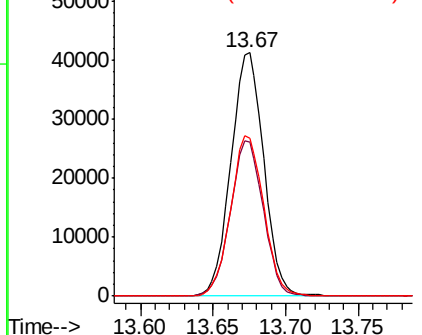


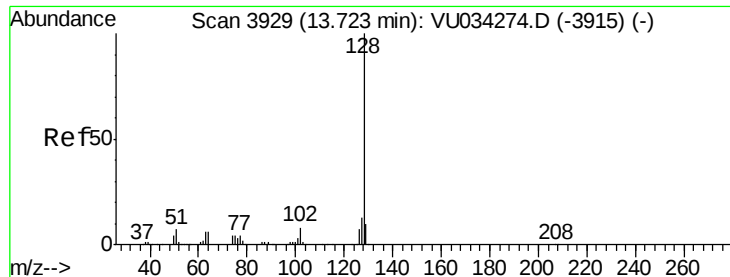
#94
 Hexachlorobutadiene
 Concen: 18.619 ug/l
 RT: 13.67 min Scan# 3914
 Delta R.T. 0.00 min
 Lab File: VU034292.D
 Acq: 05 Sep 2019 18:38

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.6	31.6	94.7
227	66.2	32.3	96.8



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

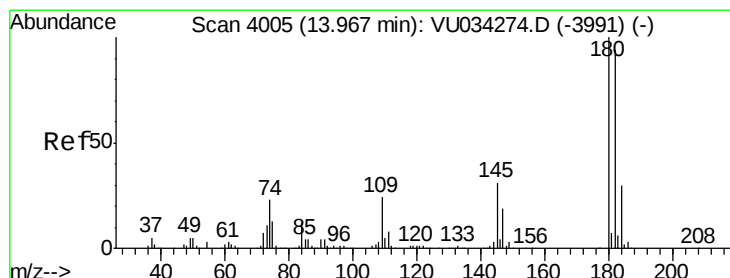
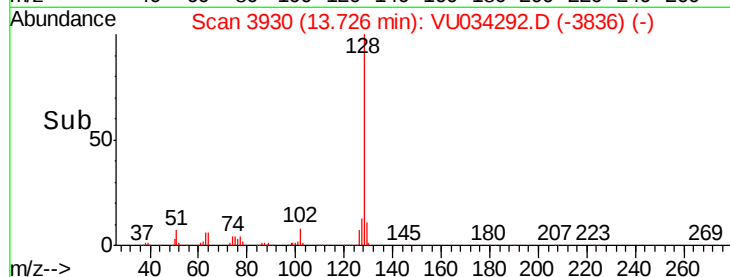
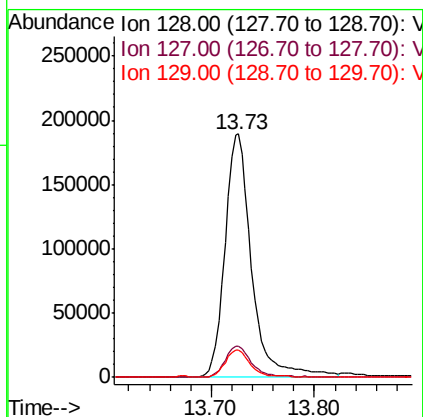
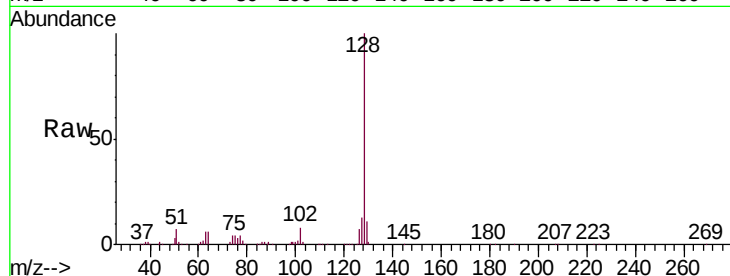




#95
Naphthalene
Concen: 19.467 ug/l
RT: 13.73 min Scan# 3930
Delta R.T. 0.00 min
Lab File: VU034292.D
Acq: 05 Sep 2019 18:38

Instrument :
MSVOA_U
ClientSampleId :
VU0906WBSD02

Tgt Ion:128 Resp: 342271
Ion Ratio Lower Upper
128 100
127 12.7 10.6 15.8
129 10.6 8.4 12.6



#96
1,2,3-Trichlorobenzene
Concen: 20.290 ug/l
RT: 13.97 min Scan# 4006
Delta R.T. 0.00 min
Lab File: VU034292.D
Acq: 05 Sep 2019 18:38

Tgt Ion:180 Resp: 129939
Ion Ratio Lower Upper
180 100
182 94.1 48.4 145.0
145 29.8 15.4 46.4

