

Data File : VU034429.D
Acq On : 09 Sep 2019 13:36
Operator : JC/SP
Sample : VU0909WBSD01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU0909WBSD01

Quant Time: Sep 10 05:38:43 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	281304	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.86	114	403767	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	400575	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	269447	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.29	65	209521	49.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.46%	
35) Dibromofluoromethane	4.86	113	189414	50.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.84%	
50) Toluene-d8	7.54	98	720329	51.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.06%	
62) 4-Bromofluorobenzene	10.29	95	263709	48.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	52098	17.708	ug/l	98
3) Chloromethane	1.32	50	61118	19.176	ug/l	99
4) Vinyl Chloride	1.40	62	65081	17.752	ug/l	99
5) Bromomethane	1.62	94	42513	20.323	ug/l	99
6) Chloroethane	1.69	64	43344	19.735	ug/l	98
7) Trichlorofluoromethane	1.88	101	94622	19.249	ug/l	99
8) Diethyl Ether	2.10	74	41490	19.189	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.28	101	61422	18.866	ug/l	97
10) Methyl Iodide	2.40	142	38284	15.710	ug/l	99
11) Tert butyl alcohol	2.81	59	85161	94.709	ug/l	98
12) 1,1-Dichloroethene	2.27	96	58537	19.126	ug/l	99
13) Acrolein	2.19	56	56406	74.635	ug/l	100
14) Allyl chloride	2.58	41	91909	15.708	ug/l	91
15) Acrylonitrile	2.92	53	220474	98.462	ug/l	99
16) Acetone	2.31	43	177147	80.428	ug/l	97
17) Carbon Disulfide	2.47	76	115314	16.764	ug/l	99
18) Methyl Acetate	2.60	43	100391	18.732	ug/l	97
19) Methyl tert-butyl Ether	2.98	73	216696	19.425	ug/l	100
20) Methylene Chloride	2.69	84	76012	20.837	ug/l	96
21) trans-1,2-Dichloroethene	2.97	96	59914	18.576	ug/l	96
22) Diisopropyl ether	3.55	45	224767	19.698	ug/l	92
23) Vinyl Acetate	3.51	43	878870	94.555	ug/l	98
24) 1,1-Dichloroethane	3.43	63	130761	19.189	ug/l	99
25) 2-Butanone	4.24	43	276011	93.877	ug/l	99
26) 2,2-Dichloropropane	4.20	77	98238	17.924	ug/l	99
27) cis-1,2-Dichloroethene	4.21	96	77691	19.833	ug/l	96
28) Bromochloromethane	4.53	49	52302	16.687	ug/l	97
29) Tetrahydrofuran	4.62	42	174640	97.614	ug/l	100
30) Chloroform	4.65	83	137739	19.885	ug/l	99
31) Cyclohexane	4.97	56	89805	18.014	ug/l	96
32) 1,1,1-Trichloroethane	4.89	97	109766	19.820	ug/l	99
36) 1,1-Dichloropropene	5.12	75	83211	19.003	ug/l	99
37) Ethyl Acetate	4.36	43	96926	18.721	ug/l	99
38) Carbon Tetrachloride	5.11	117	92182	19.716	ug/l	97

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.40	83	83464	17.830	ug/l	98
40) Benzene	5.37	78	282999	20.029	ug/l	100
41) Methacrylonitrile	4.52	41	53647	19.453	ug/l	97
42) 1,2-Dichloroethane	5.39	62	97849	19.946	ug/l	99
43) Isopropyl Acetate	5.53	43	152460	18.877	ug/l	99
44) Trichloroethene	6.17	130	76786	19.639	ug/l	96
45) 1,2-Dichloropropane	6.41	63	82490	19.970	ug/l	97
46) Dibromomethane	6.54	93	52953	20.423	ug/l	99
47) Bromodichloromethane	6.74	83	106467	19.948	ug/l	98
48) Methyl methacrylate	6.60	41	70343	18.338	ug/l	99
49) 1,4-Dioxane	6.59	88	34079	406.843	ug/l	96
51) 4-Methyl-2-Pentanone	7.44	43	540521	96.685	ug/l	100
52) Toluene	7.62	92	179869	20.293	ug/l	100
53) t-1,3-Dichloropropene	7.86	75	103607	18.727	ug/l	99
54) cis-1,3-Dichloropropene	7.25	75	116687	19.216	ug/l	99
55) 1,1,2-Trichloroethane	8.04	97	80301	19.952	ug/l	98
56) Ethyl methacrylate	8.00	69	103605	18.978	ug/l	99
57) 1,3-Dichloropropane	8.22	76	127795	19.500	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.11	63	166472	91.737	ug/l	100
59) 2-Hexanone	8.34	43	400520	95.900	ug/l	100
60) Dibromochloromethane	8.46	129	87869	20.355	ug/l	100
61) 1,2-Dibromoethane	8.57	107	78931	20.037	ug/l	98
64) Tetrachloroethene	8.21	164	69503	20.000	ug/l	98
65) Chlorobenzene	9.10	112	205342	20.205	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.19	131	78891	20.341	ug/l	99
67) Ethyl Benzene	9.23	91	324428	19.524	ug/l	100
68) m/p-Xylenes	9.35	106	258133	41.254	ug/l	98
69) o-Xylene	9.76	106	122892	20.083	ug/l	98
70) Styrene	9.77	104	223308	20.814	ug/l	99
71) Bromoform	9.94	173	68161	20.278	ug/l #	99
73) Isopropylbenzene	10.14	105	341943	19.501	ug/l	100
74) N-amyl acetate	9.99	43	130608	18.504	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.43	83	139252	19.619	ug/l	99
76) 1,2,3-Trichloropropane	10.47	75	146463	24.902	ug/l	87
77) Bromobenzene	10.43	156	98698	20.130	ug/l	96
78) n-propylbenzene	10.57	91	393230	19.418	ug/l	99
79) 2-Chlorotoluene	10.64	91	243057	19.670	ug/l	98
80) 1,3,5-Trimethylbenzene	10.75	105	299793	20.443	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.47	75	146463	83.744	ug/l #	100
82) 4-Chlorotoluene	10.75	91	281949	19.828	ug/l	98
83) tert-Butylbenzene	11.08	119	285442	19.456	ug/l	99
84) 1,2,4-Trimethylbenzene	11.13	105	294529	19.952	ug/l	99
85) sec-Butylbenzene	11.30	105	343919	19.857	ug/l	100
86) p-Isopropyltoluene	11.45	119	317486	19.860	ug/l	99
87) 1,3-Dichlorobenzene	11.40	146	178212	19.919	ug/l	100
88) 1,4-Dichlorobenzene	11.49	146	182173	19.522	ug/l	99
89) n-Butylbenzene	11.87	91	256427	18.458	ug/l	100
90) Hexachloroethane	12.12	117	48277	18.876	ug/l	99
91) 1,2-Dichlorobenzene	11.85	146	177617	20.200	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.64	75	26596	20.392	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU090919\
Quantitation Report (Not Reviewed)

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.48	180	103472	18.557	ug/l	100
94) Hexachlorobutadiene	13.67	225	56192	18.270	ug/l	99
95) Naphthalene	13.72	128	270388	17.828	ug/l	99
96) 1,2,3-Trichlorobenzene	13.97	180	106096	18.954	ug/l	99

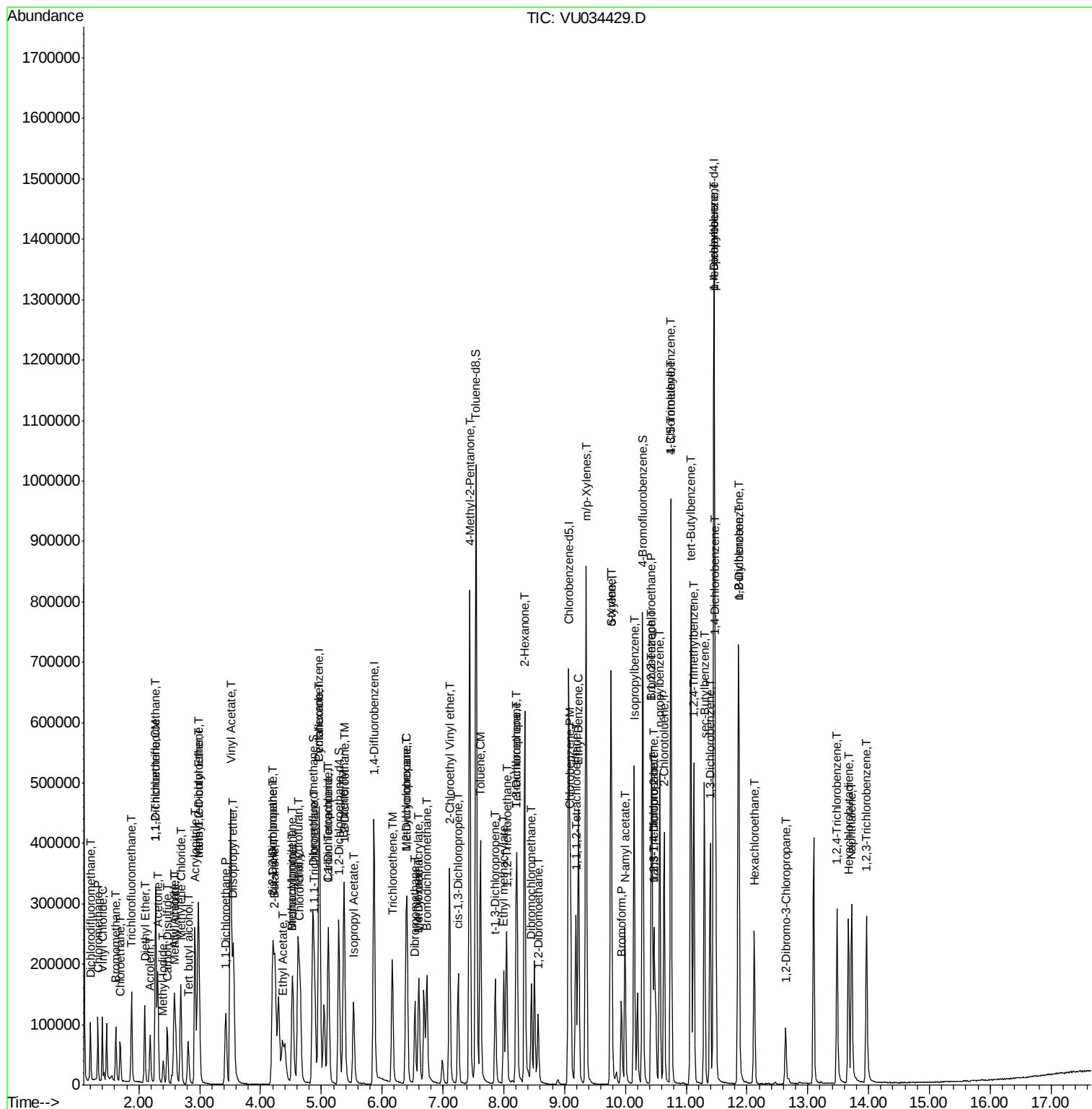
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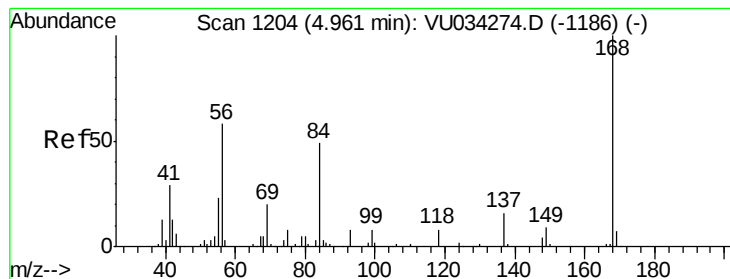
Data File : VU034429.D

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Acq On       : 09 Sep 2019   13:36
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Sample      : VU0909WBSD01
Misc       : 5.0mL/MSVOA_U/WATER
ALS Vial    : 14   Sample Multiplier: 1
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Instrument :
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ClientSampleId :
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Quant Time: Sep 10 05:38:43 2019
Quant Method : Z:\VQASRV\HPCHEM1\MSVOA_U\METHOD\82U090619W.M
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QLast Update : Fri Sep 06 05:10:13 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.96 min Scan# 1205

Delta R.T. 0.00 min

Lab File: VU034429.D

Acq: 09 Sep 2019 13:36

Instrument :

MSVOA_U

ClientSampleId :

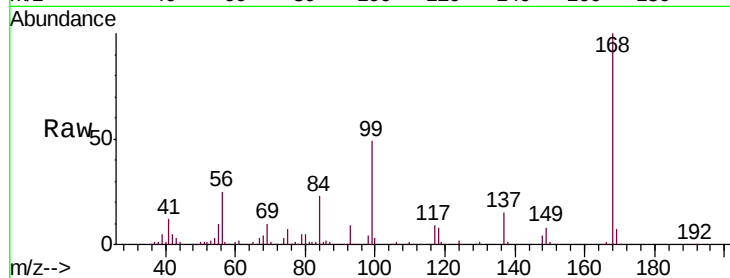
VU0909WBSD01

Tgt Ion:168 Resp: 281304

Ion Ratio Lower Upper

168 100

99 48.1 41.6 62.4



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

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

4.96

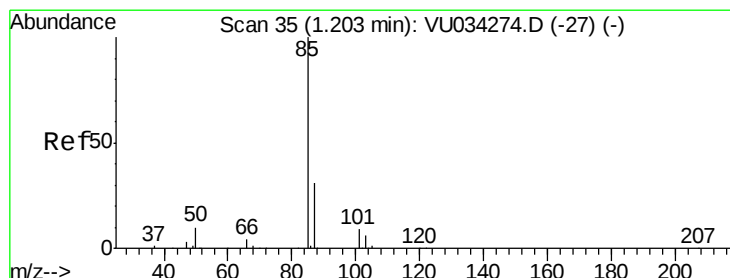
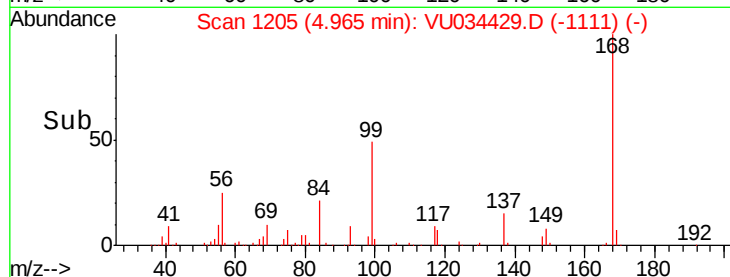
100000

50000

0

4.90 5.00 5.10

Time-->



#2

Dichlorodifluoromethane

Concen: 17.708 ug/l

RT: 1.20 min Scan# 35

Delta R.T. 0.00 min

Lab File: VU034429.D

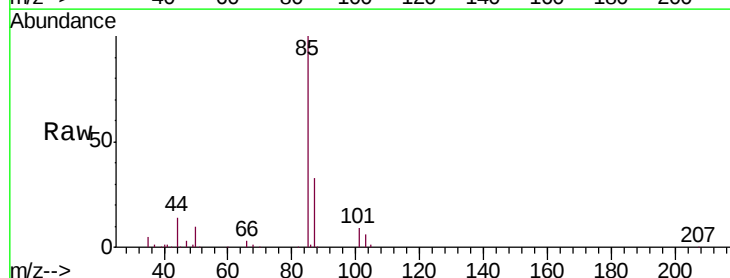
Acq: 09 Sep 2019 13:36

Tgt Ion: 85 Resp: 52098

Ion Ratio Lower Upper

85 100

87 32.7 15.7 47.0



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

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

1.20

60000

50000

40000

30000

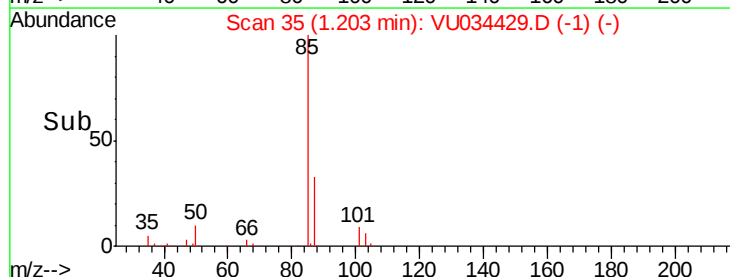
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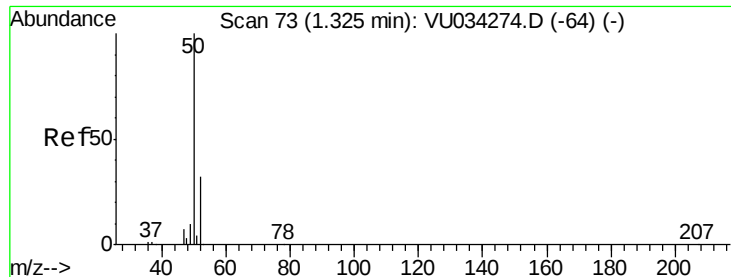
10000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 19.176 ug/l

RT: 1.32 min Scan# 73

Delta R.T. 0.00 min

Lab File: VU034429.D

Acq: 09 Sep 2019 13:36

Instrument :

MSVOA_U

ClientSampleId :

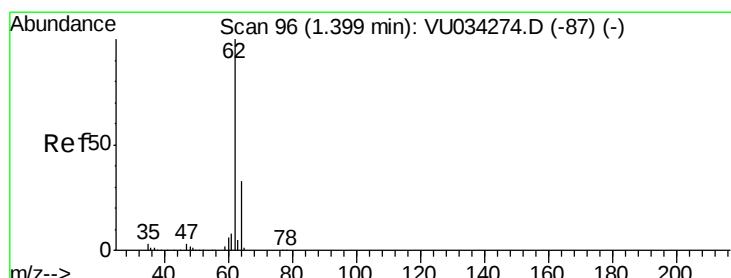
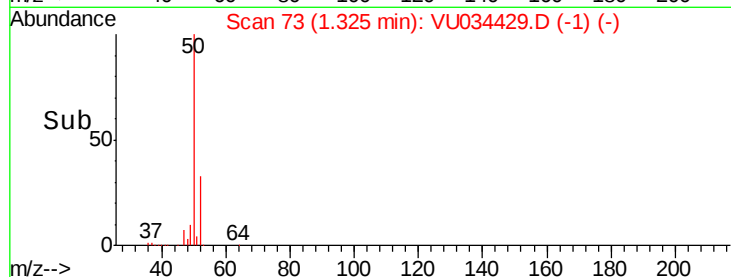
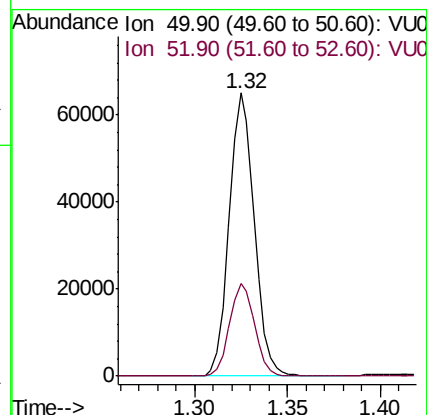
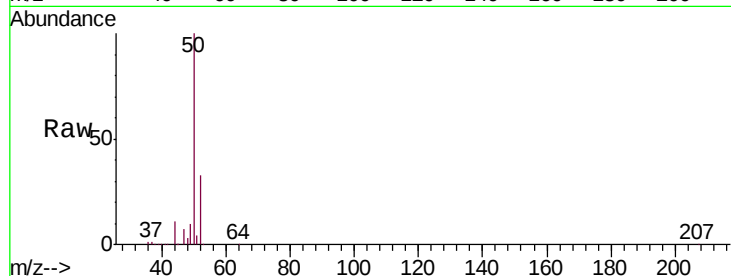
VU0909WBSD01

Tgt Ion: 50 Resp: 61118

Ion Ratio Lower Upper

50 100

52 32.7 25.8 38.6



#4

Vinyl Chloride

Concen: 17.752 ug/l

RT: 1.40 min Scan# 96

Delta R.T. 0.00 min

Lab File: VU034429.D

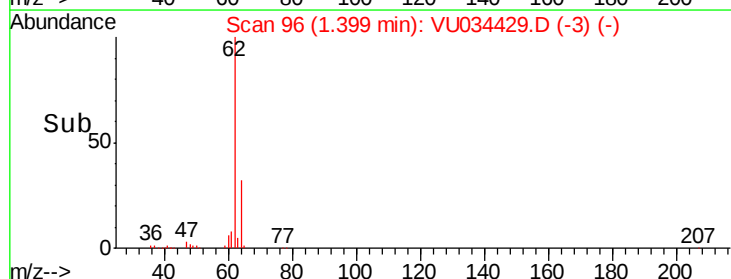
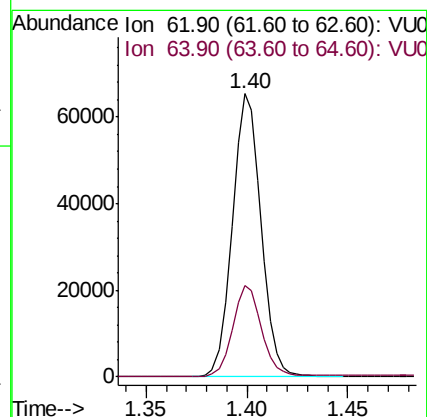
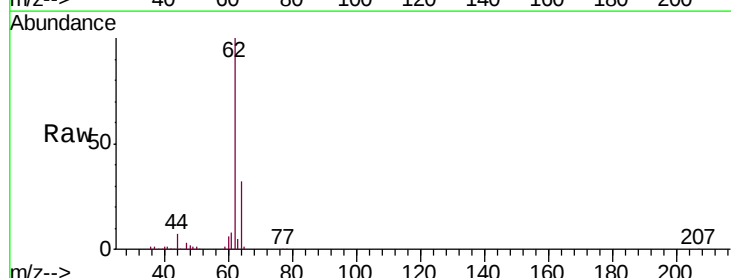
Acq: 09 Sep 2019 13:36

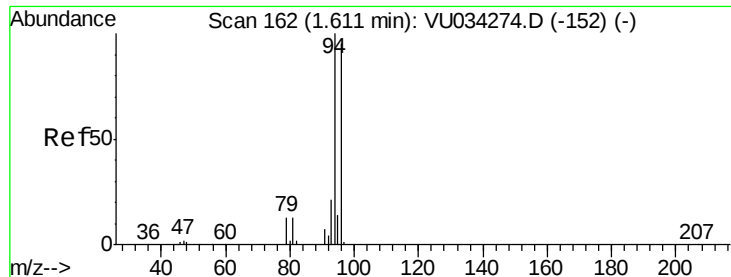
Tgt Ion: 62 Resp: 65081

Ion Ratio Lower Upper

62 100

64 32.4 26.2 39.4





#5

Bromomethane

Concen: 20.323 ug/l

RT: 1.62 min Scan# 165

Delta R.T. 0.01 min

Lab File: VU034429.D

Acq: 09 Sep 2019 13:36

Instrument :

MSVOA_U

ClientSampleId :

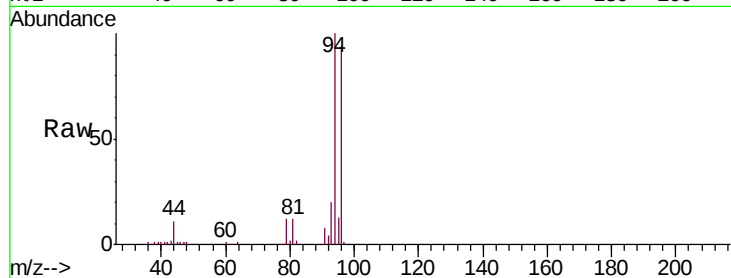
VU0909WBSD01

Tgt Ion: 94 Resp: 42513

Ion Ratio Lower Upper

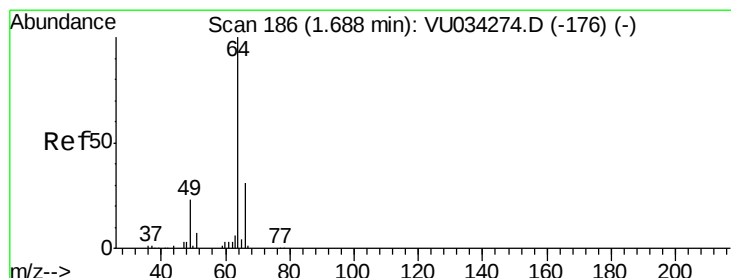
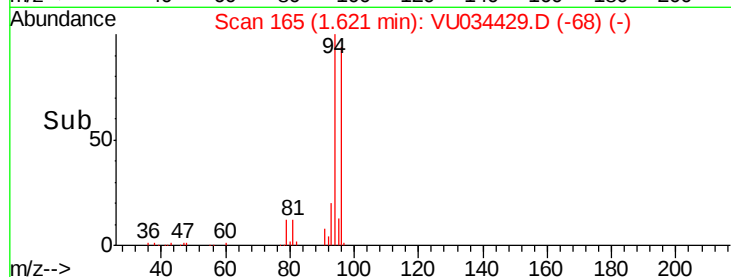
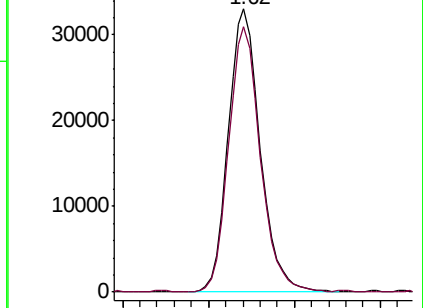
94 100

96 93.8 75.7 113.5



Abundance Ion 93.90 (93.60 to 94.60): VU034429.D (-152) (-)

Ion 95.90 (95.60 to 96.60): VU034429.D (-152) (-)



#6

Chloroethane

Concen: 19.735 ug/l

RT: 1.69 min Scan# 188

Delta R.T. 0.01 min

Lab File: VU034429.D

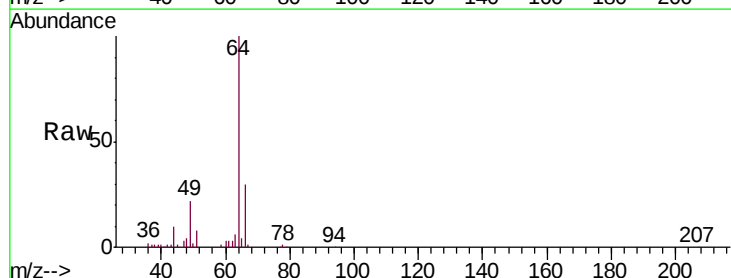
Acq: 09 Sep 2019 13:36

Tgt Ion: 64 Resp: 43344

Ion Ratio Lower Upper

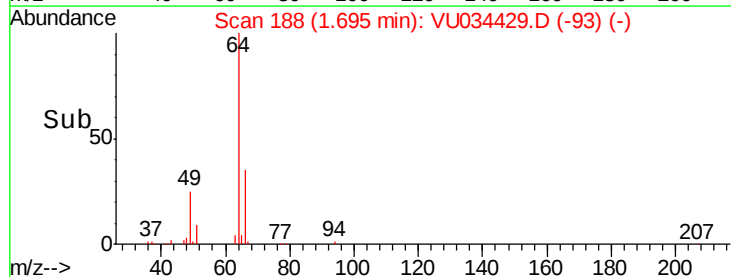
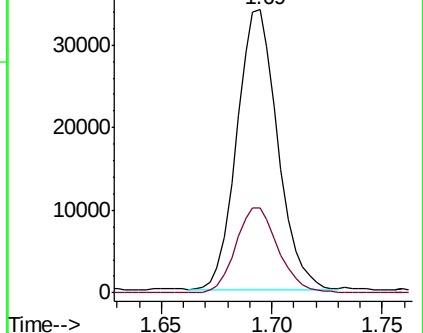
64 100

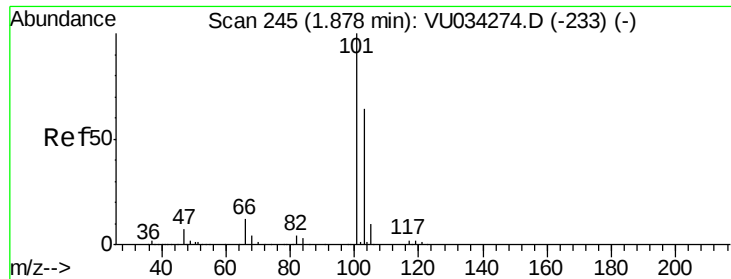
66 30.4 25.0 37.6



Abundance Ion 63.90 (63.60 to 64.60): VU034429.D (-176) (-)

Ion 65.90 (65.60 to 66.60): VU034429.D (-176) (-)



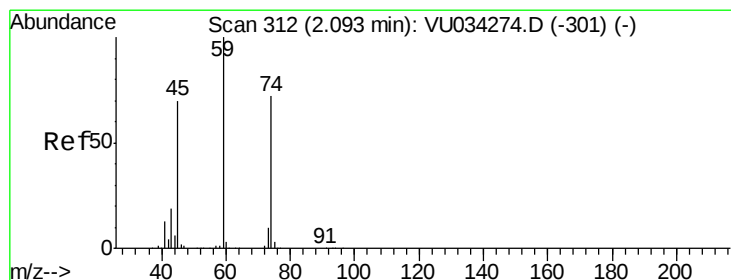
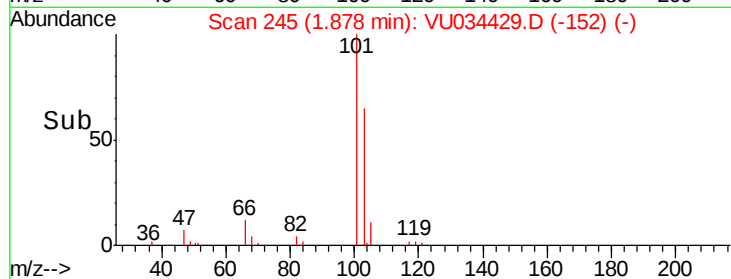
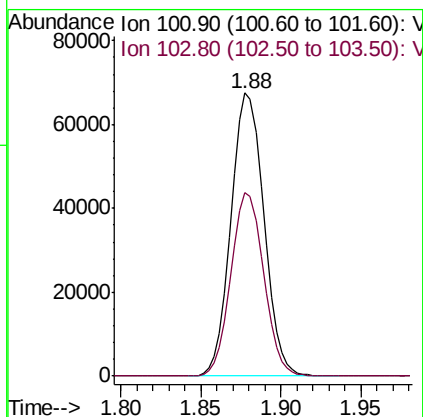
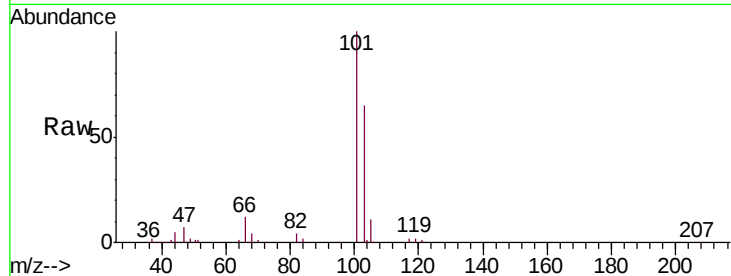


#7

Trichlorofluoromethane
 Concen: 19.249 ug/l
 RT: 1.88 min Scan# 245
 Delta R.T. 0.00 min
 Lab File: VU034429.D
 Acq: 09 Sep 2019 13:36

Instrument :
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 VU0909WBSD01

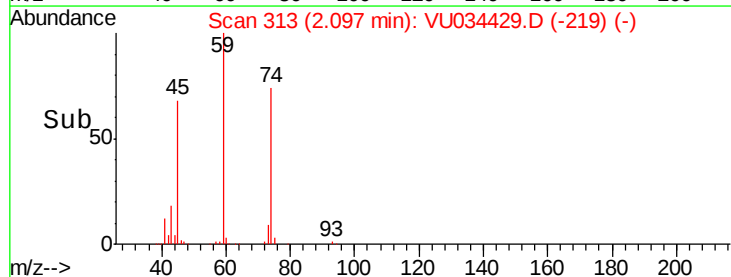
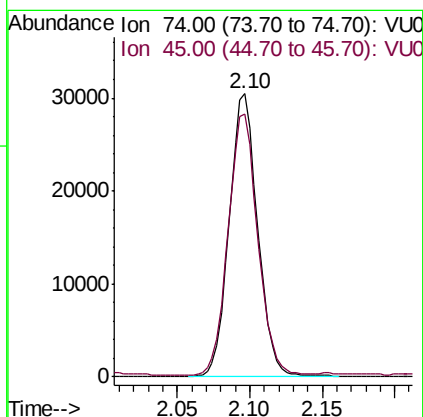
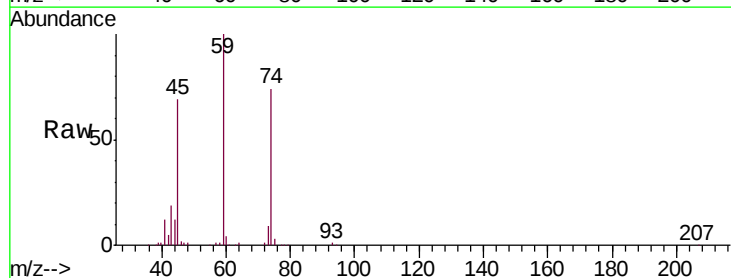
Tgt Ion:101 Resp: 94622
 Ion Ratio Lower Upper
 101 100
 103 64.9 51.0 76.6



#8

Diethyl Ether
 Concen: 19.189 ug/l
 RT: 2.10 min Scan# 313
 Delta R.T. 0.00 min
 Lab File: VU034429.D
 Acq: 09 Sep 2019 13:36

Tgt Ion: 74 Resp: 41490
 Ion Ratio Lower Upper
 74 100
 45 96.1 48.2 144.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.866 ug/l

RT: 2.28 min Scan# 369

Delta R.T. 0.00 min

Lab File: VU034429.D

Acq: 09 Sep 2019 13:36

Instrument :

MSVOA_U

ClientSampleId :

VU0909WBSD01

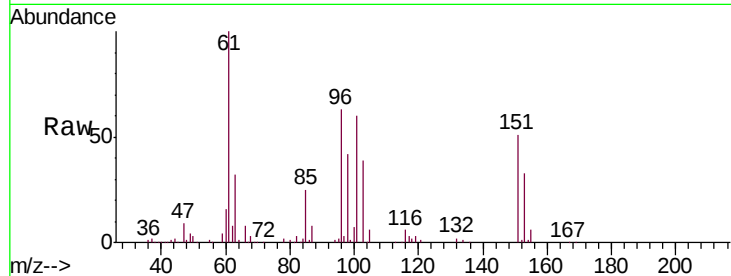
Tgt Ion:101 Resp: 61422

Ion Ratio Lower Upper

101 100

85 42.0 34.4 51.6

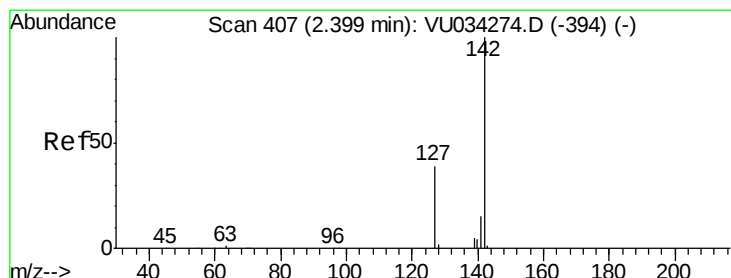
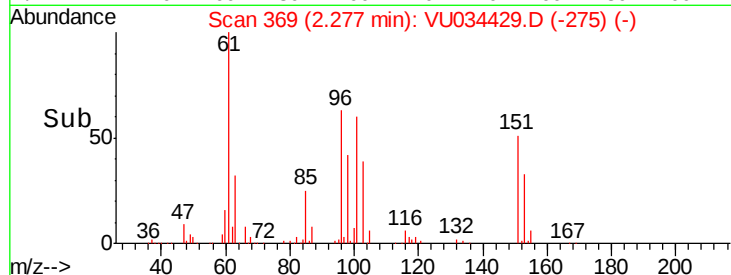
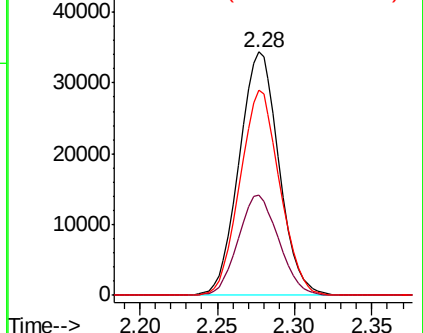
151 84.2 64.4 96.6



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: 15.710 ug/l

RT: 2.40 min Scan# 407

Delta R.T. 0.00 min

Lab File: VU034429.D

Acq: 09 Sep 2019 13:36

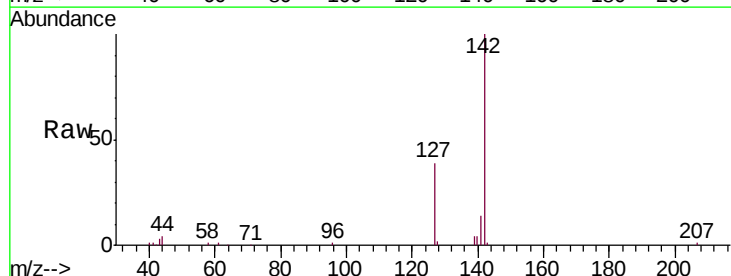
Tgt Ion:142 Resp: 38284

Ion Ratio Lower Upper

142 100

127 39.2 32.1 48.1

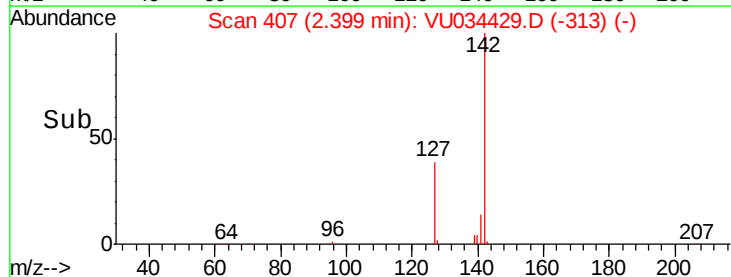
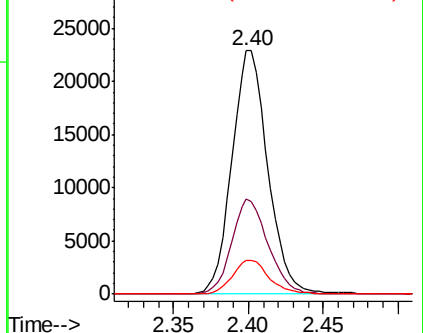
141 14.1 11.5 17.3

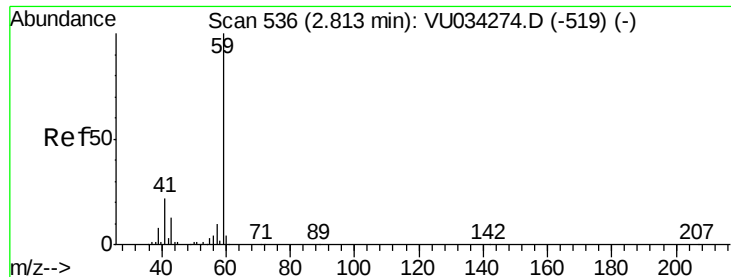


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

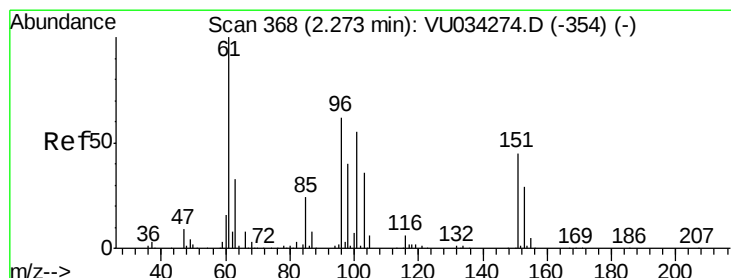
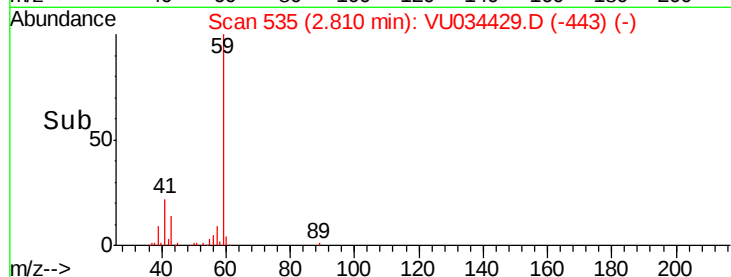
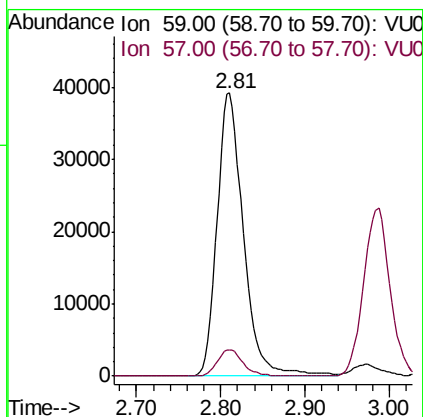
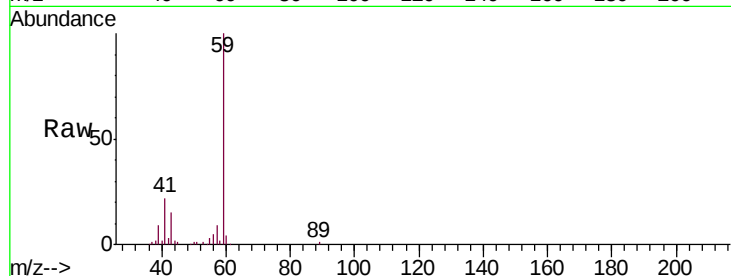




#11
Tert butyl alcohol
Concen: 94.709 ug/l
RT: 2.81 min Scan# 535
Delta R.T. -0.00 min
Lab File: VU034429.D
Acq: 09 Sep 2019 13:36

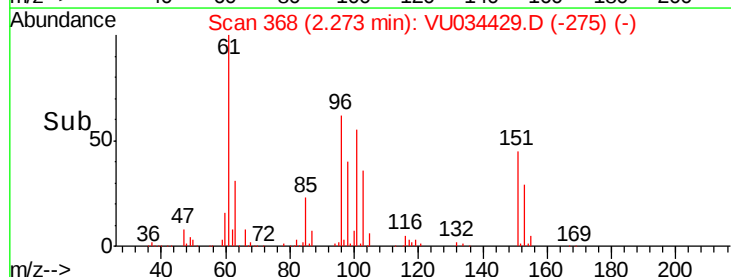
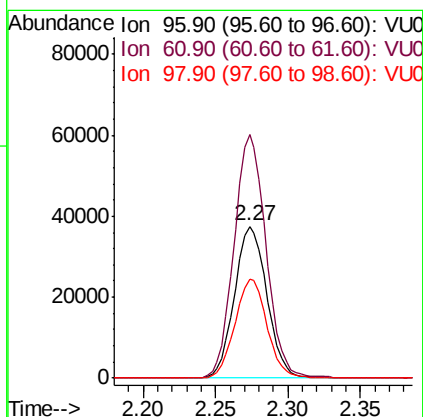
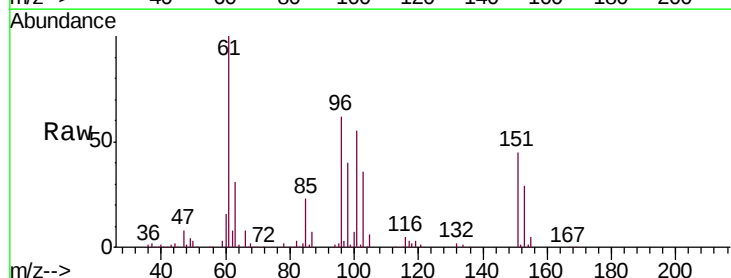
Instrument :
MSVOA_U
ClientSampleId :
VU0909WBSD01

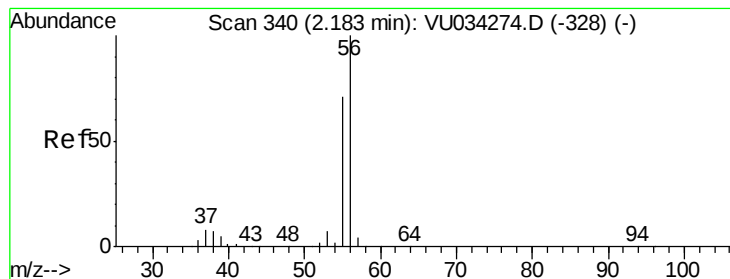
Tgt Ion: 59 Resp: 85161
Ion Ratio Lower Upper
59 100
57 9.0 7.9 11.9



#12
1,1-Dichloroethene
Concen: 19.126 ug/l
RT: 2.27 min Scan# 368
Delta R.T. 0.00 min
Lab File: VU034429.D
Acq: 09 Sep 2019 13:36

Tgt Ion: 96 Resp: 58537
Ion Ratio Lower Upper
96 100
61 160.2 130.0 195.0
98 64.8 52.2 78.4





#13

Acrolein

Concen: 74.635 ug/l

RT: 2.19 min Scan# 341

Delta R.T. 0.00 min

Lab File: VU034429.D

Acq: 09 Sep 2019 13:36

Instrument :

MSVOA_U

ClientSampleId :

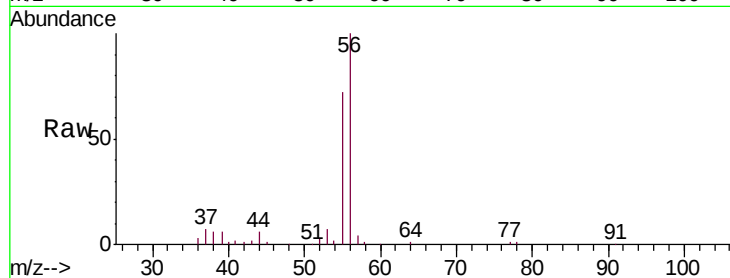
VU0909WBSD01

Tgt Ion: 56 Resp: 56406

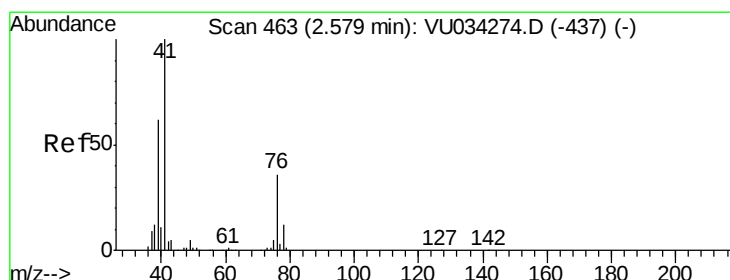
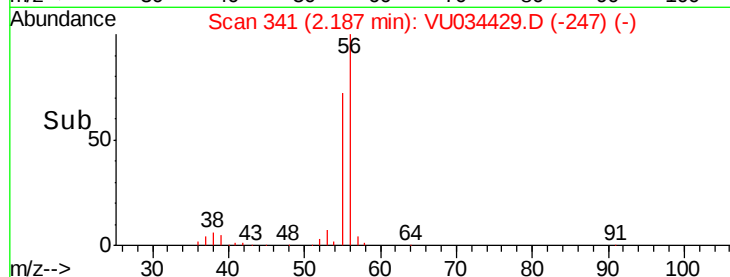
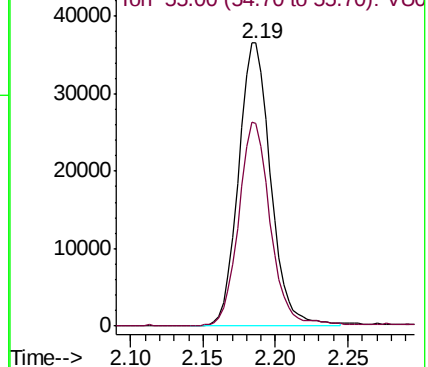
Ion Ratio Lower Upper

56 100

55 71.7 57.4 86.2



Abundance Ion 56.00 (55.70 to 56.70): VU034429.D (-247) (-)



#14

Allyl chloride

Concen: 15.708 ug/l

RT: 2.58 min Scan# 464

Delta R.T. 0.00 min

Lab File: VU034429.D

Acq: 09 Sep 2019 13:36

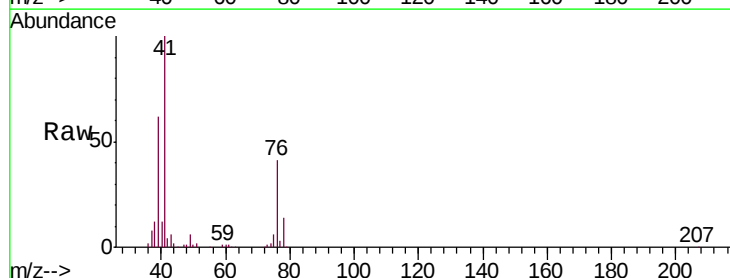
Tgt Ion: 41 Resp: 91909

Ion Ratio Lower Upper

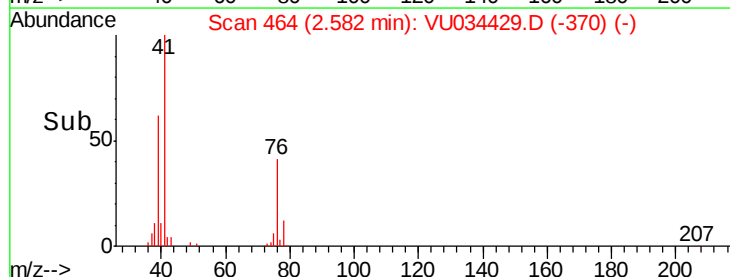
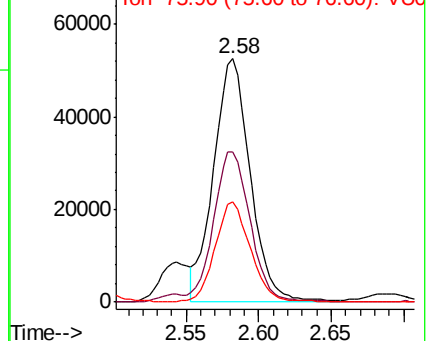
41 100

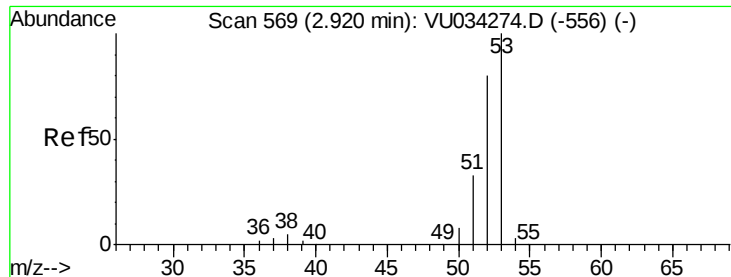
39 61.3 43.5 65.3

76 39.0 27.0 40.6



Abundance Ion 41.00 (40.70 to 41.70): VU034429.D (-370) (-)





#15

Acrylonitrile

Concen: 98.462 ug/l

RT: 2.92 min Scan# 569

Delta R.T. 0.00 min

Lab File: VU034429.D

Acq: 09 Sep 2019 13:36

Instrument :

MSVOA_U

ClientSampleId :

VU0909WBSD01

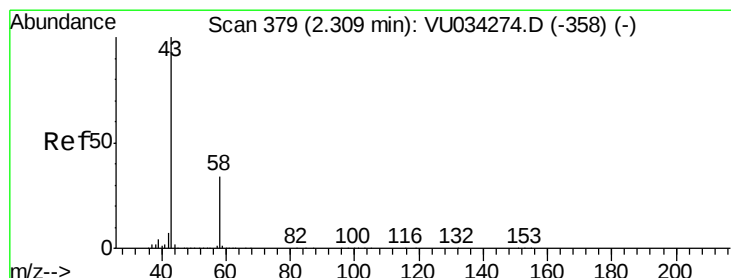
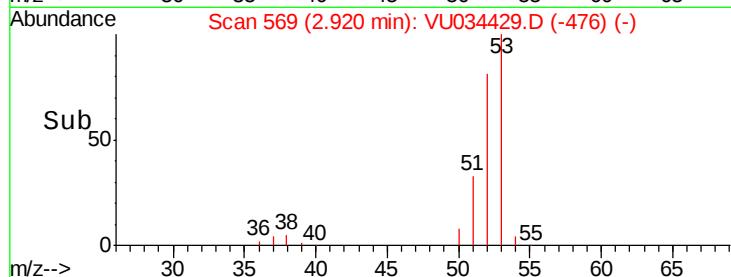
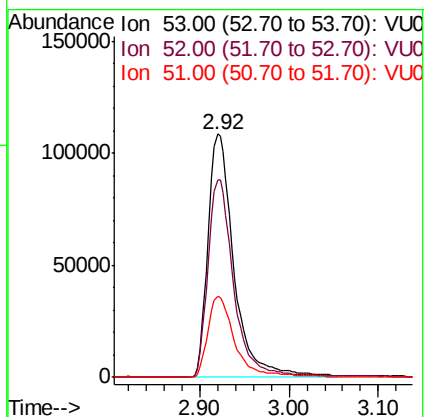
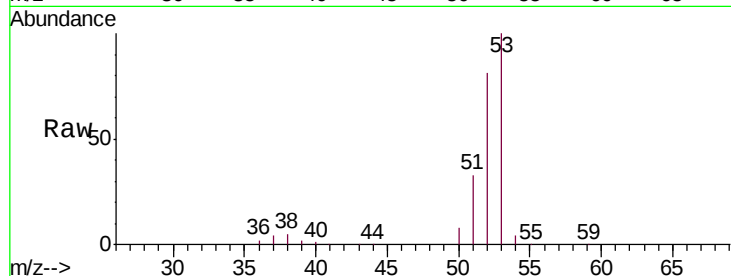
Tgt Ion: 53 Resp: 220474

Ion Ratio Lower Upper

53 100

52 79.4 64.1 96.1

51 32.9 27.4 41.0



#16

Acetone

Concen: 80.428 ug/l

RT: 2.31 min Scan# 379

Delta R.T. 0.00 min

Lab File: VU034429.D

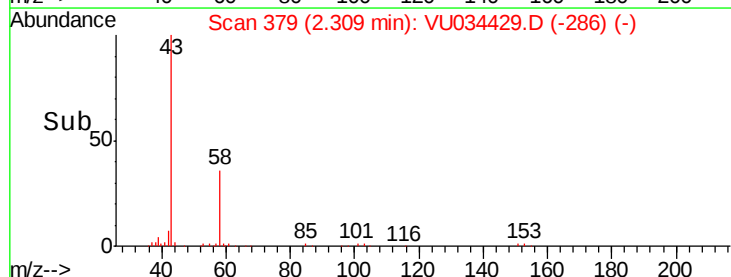
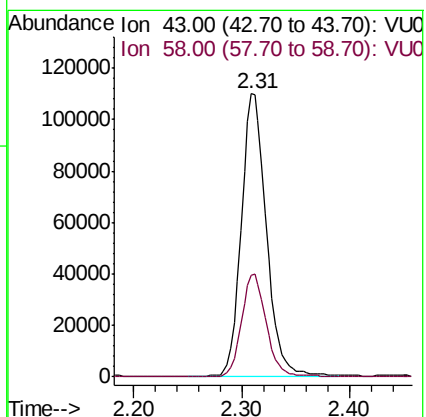
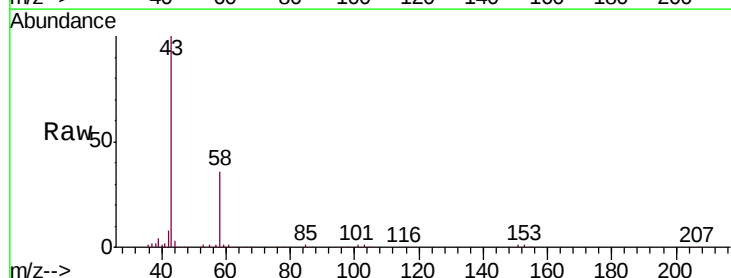
Acq: 09 Sep 2019 13:36

Tgt Ion: 43 Resp: 177147

Ion Ratio Lower Upper

43 100

58 36.2 27.6 41.4

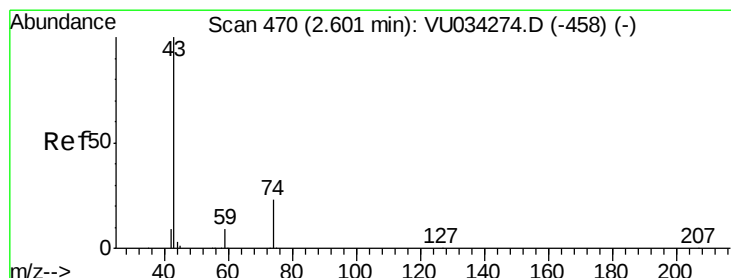
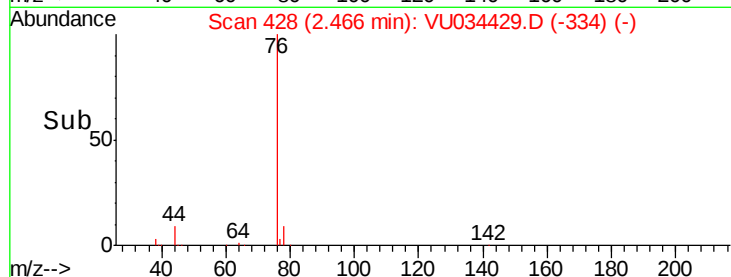
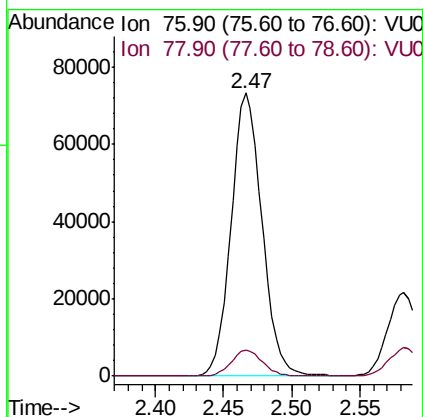
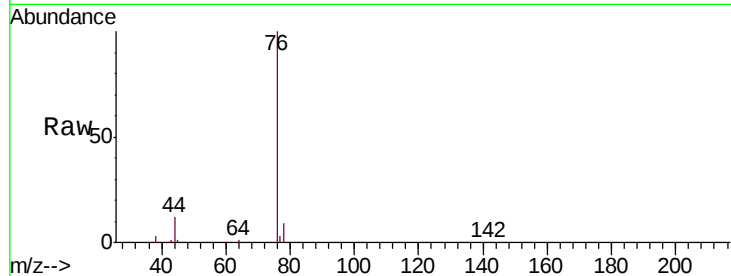




#17
Carbon Disulfide
Concen: 16.764 ug/l
RT: 2.47 min Scan# 428
Delta R.T. 0.00 min
Lab File: VU034429.D
Acq: 09 Sep 2019 13:36

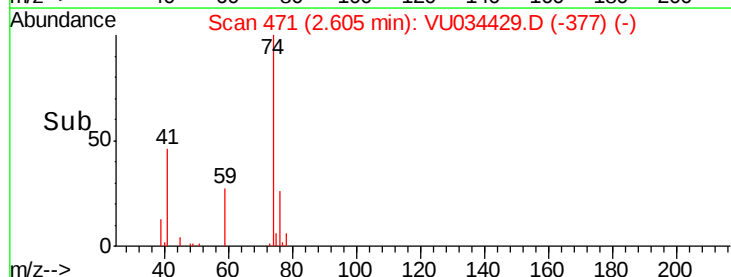
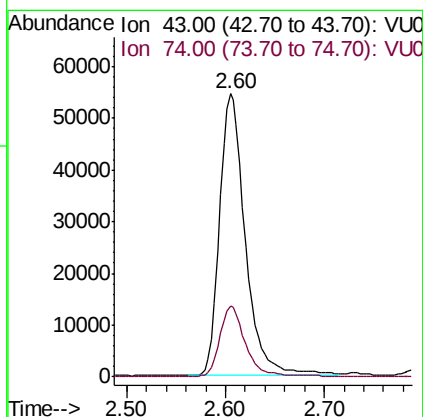
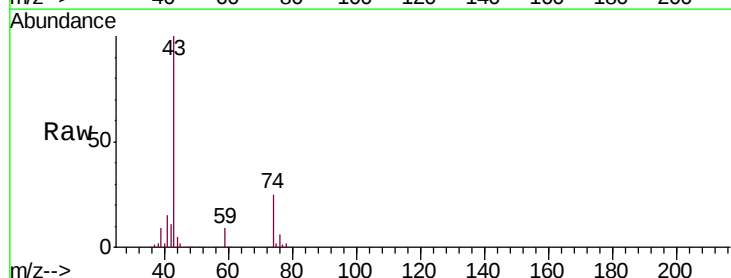
Instrument :
MSVOA_U
ClientSampleId :
VU0909WBSD01

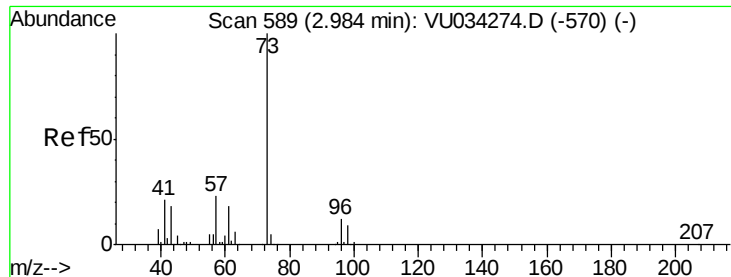
Tgt Ion: 76 Resp: 115314
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8



#18
Methyl Acetate
Concen: 18.732 ug/l
RT: 2.60 min Scan# 471
Delta R.T. 0.00 min
Lab File: VU034429.D
Acq: 09 Sep 2019 13:36

Tgt Ion: 43 Resp: 100391
Ion Ratio Lower Upper
43 100
74 24.9 18.9 28.3

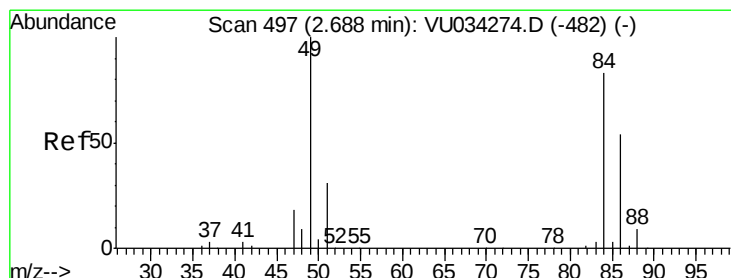
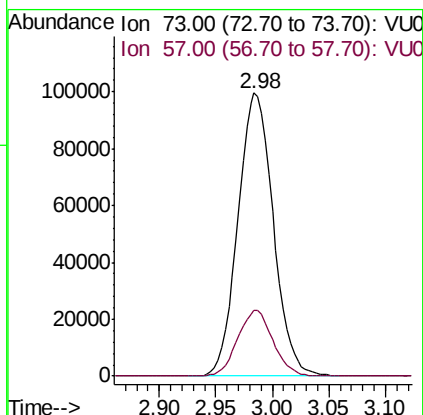
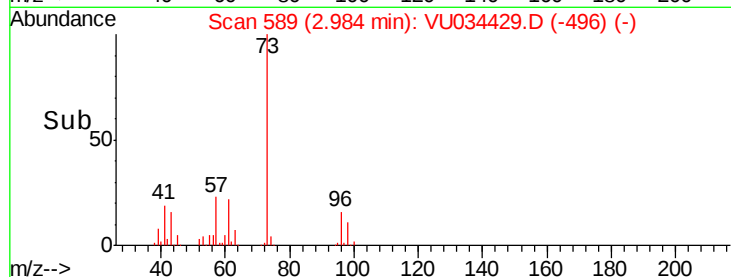
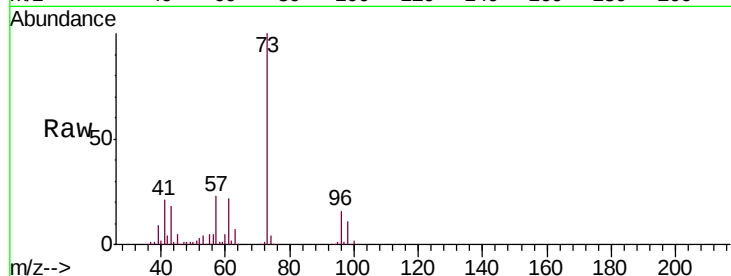




#19
Methyl tert-butyl Ether
Concen: 19.425 ug/l
RT: 2.98 min Scan# 589
Delta R.T. 0.00 min
Lab File: VU034429.D
Acq: 09 Sep 2019 13:36

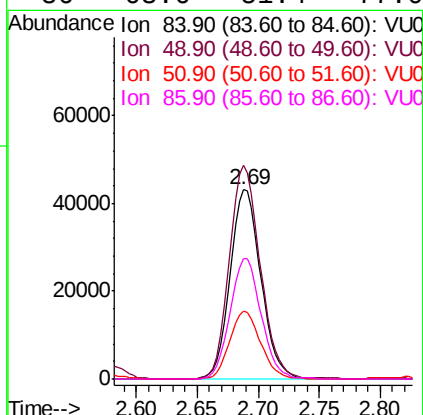
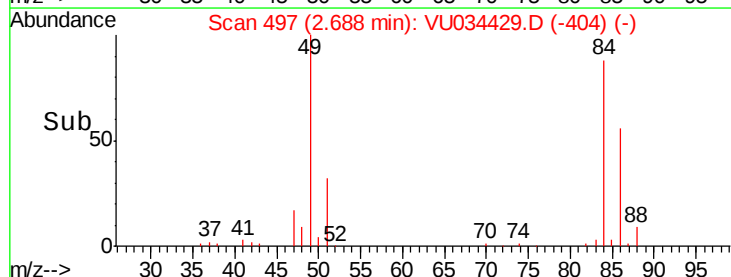
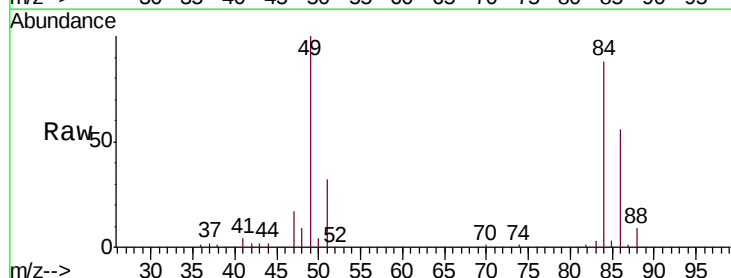
Instrument :
MSVOA_U
ClientSampleId :
VU0909WBSD01

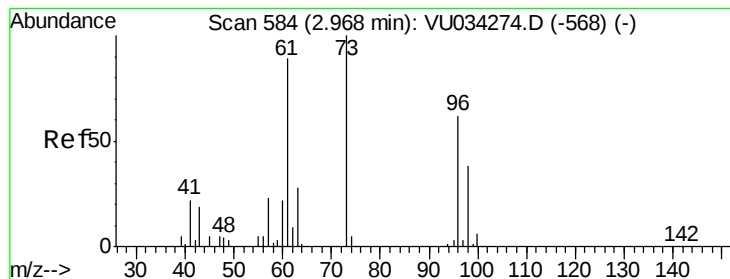
Tgt Ion: 73 Resp: 216696
Ion Ratio Lower Upper
73 100
57 23.0 18.2 27.4



#20
Methylene Chloride
Concen: 20.837 ug/l
RT: 2.69 min Scan# 497
Delta R.T. 0.00 min
Lab File: VU034429.D
Acq: 09 Sep 2019 13:36

Tgt Ion: 84 Resp: 76012
Ion Ratio Lower Upper
84 100
49 113.0 96.0 144.0
51 35.7 30.0 45.0
86 63.6 51.4 77.0





#21

trans-1,2-Dichloroethene

Concen: 18.576 ug/l

RT: 2.97 min Scan# 585

Delta R.T. 0.00 min

Lab File: VU034429.D

Acq: 09 Sep 2019 13:36

Instrument :

MSVOA_U

ClientSampleId :

VU0909WBSD01

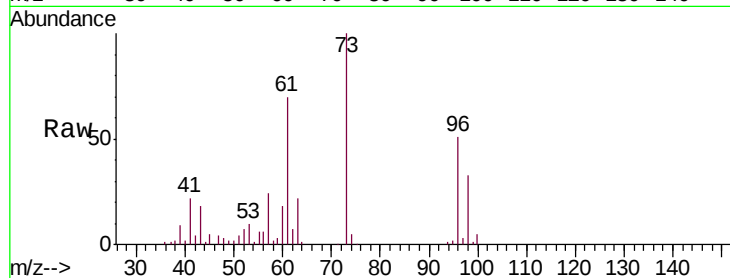
Tgt Ion: 96 Resp: 59914

Ion Ratio Lower Upper

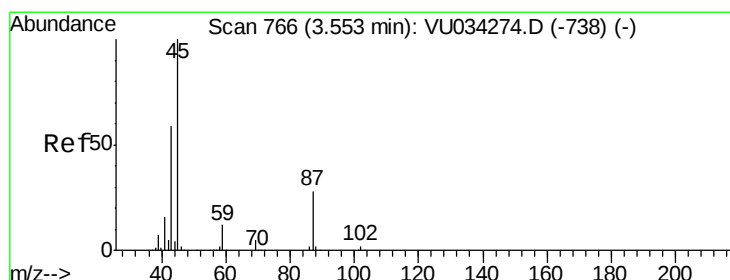
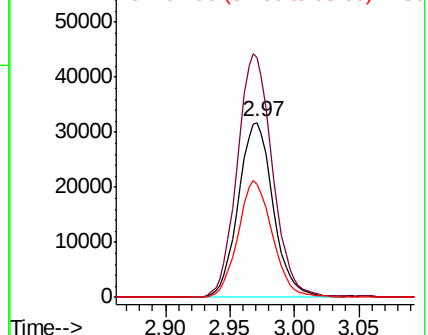
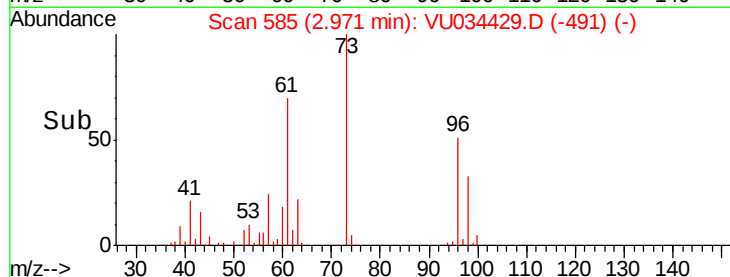
96 100

61 137.3 114.8 172.2

98 64.8 49.8 74.8



Abundance Ion 95.90 (95.60 to 96.60): VU034429.D (-491) (-)



#22

Diisopropyl ether

Concen: 19.698 ug/l

RT: 3.55 min Scan# 766

Delta R.T. 0.00 min

Lab File: VU034429.D

Acq: 09 Sep 2019 13:36

Tgt Ion: 45 Resp: 224767

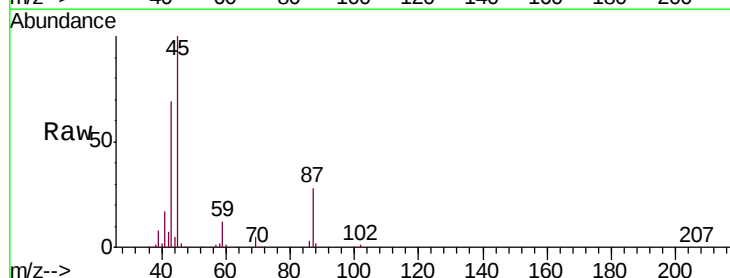
Ion Ratio Lower Upper

45 100

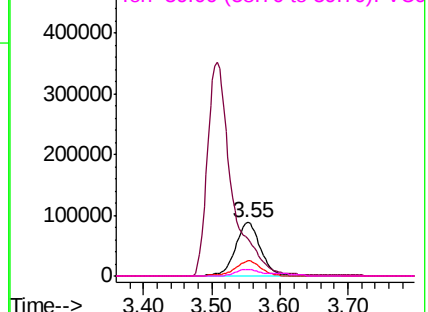
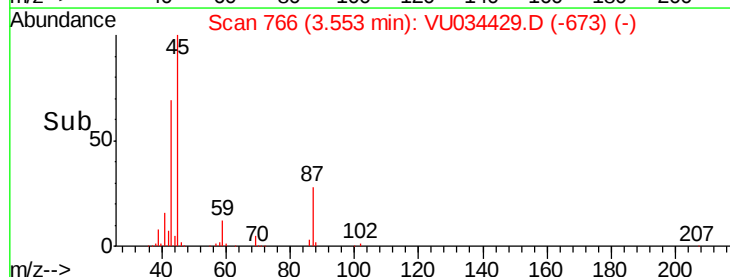
43 68.7 47.5 71.3

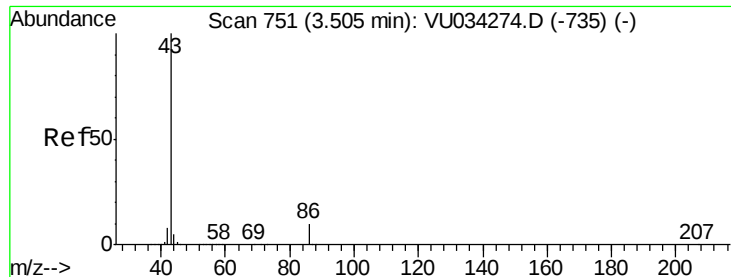
87 28.1 22.2 33.4

59 12.0 9.4 14.2



Abundance Ion 45.00 (44.70 to 45.70): VU034429.D (-673) (-)





#23

Vinyl Acetate

Concen: 94.555 ug/l

RT: 3.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: VU034429.D

Acq: 09 Sep 2019 13:36

Instrument :

MSVOA_U

ClientSampleId :

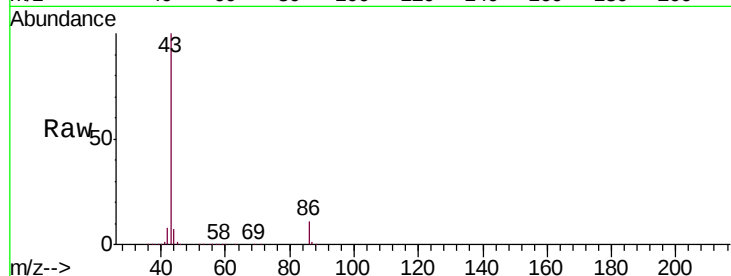
VU0909WBSD01

Tgt Ion: 43 Resp: 878870

Ion Ratio Lower Upper

43 100

86 11.0 8.3 12.5



Abundance Ion 43.00 (42.70 to 43.70): VU034429.D (-658) (-)

Ion 86.00 (85.70 to 86.70): VU034429.D (-658) (-)

3.51

400000

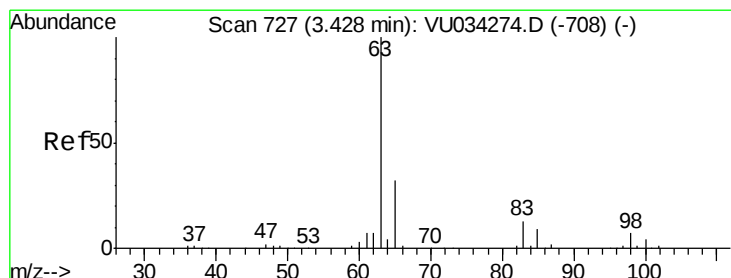
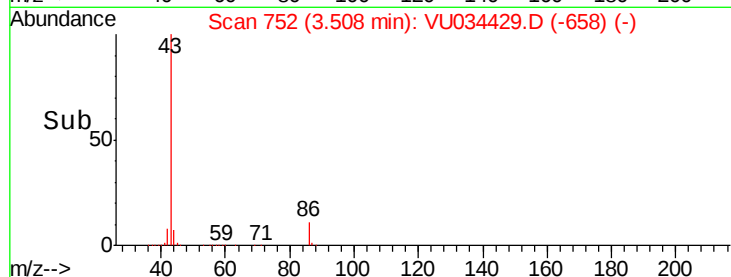
300000

200000

100000

0

Time--> 3.40 3.50 3.60 3.70



#24

1,1-Dichloroethane

Concen: 19.189 ug/l

RT: 3.43 min Scan# 727

Delta R.T. 0.00 min

Lab File: VU034429.D

Acq: 09 Sep 2019 13:36

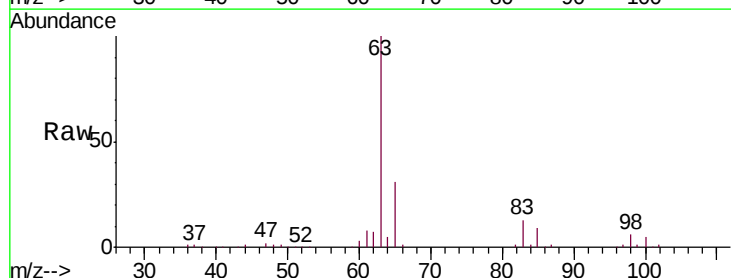
Tgt Ion: 63 Resp: 130761

Ion Ratio Lower Upper

63 100

98 6.5 3.5 10.4

100 4.6 2.1 6.5



Abundance Ion 62.90 (62.60 to 63.60): VU034429.D (-634) (-)

Ion 97.90 (97.60 to 98.60): VU034429.D (-634) (-)

Ion 99.90 (99.60 to 100.60): VU034429.D (-634) (-)

3.43

80000

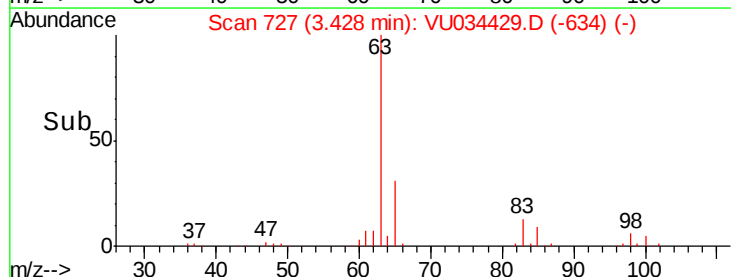
60000

40000

20000

0

Time--> 3.35 3.40 3.45 3.50





#25

2-Butanone

Concen: 93.877 ug/l

RT: 4.24 min Scan# 980

Delta R.T. 0.00 min

Lab File: VU034429.D

Acq: 09 Sep 2019 13:36

Instrument :

MSVOA_U

ClientSampleId :

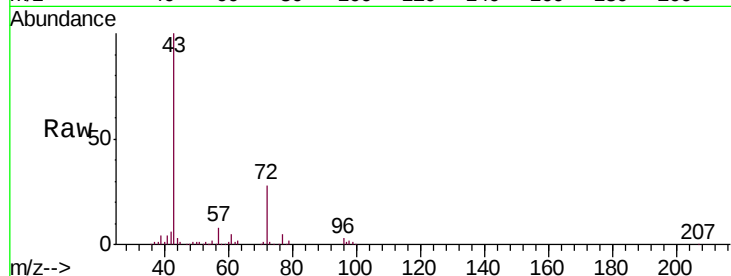
VU0909WBSD01

Tgt Ion: 43 Resp: 276011

Ion Ratio Lower Upper

43 100

72 27.9 21.8 32.6



Abundance Ion 43.00 (42.70 to 43.70): VU034429.D (-986) (-)

Ion 72.00 (71.70 to 72.70): VU034429.D (-986) (-)

4.24

120000

100000

80000

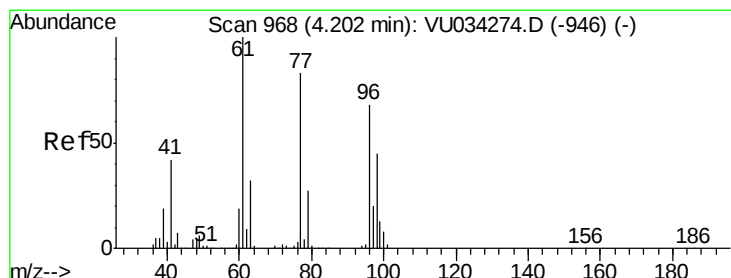
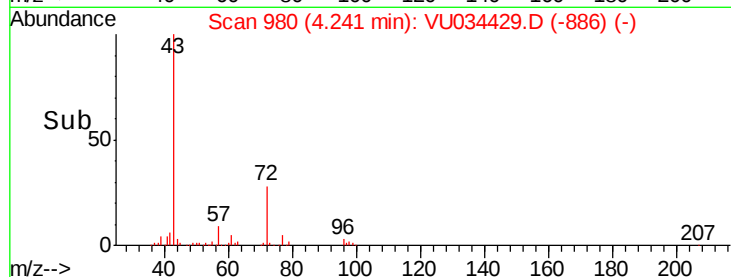
60000

40000

20000

0

Time-->



#26

2,2-Dichloropropane

Concen: 17.924 ug/l

RT: 4.20 min Scan# 968

Delta R.T. 0.00 min

Lab File: VU034429.D

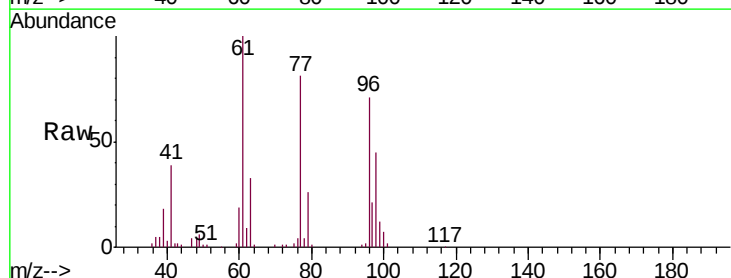
Acq: 09 Sep 2019 13:36

Tgt Ion: 77 Resp: 98238

Ion Ratio Lower Upper

77 100

97 24.2 11.8 35.3



Abundance Ion 76.90 (76.60 to 77.60): VU034429.D (-875) (-)

Ion 96.90 (96.60 to 97.60): VU034429.D (-875) (-)

4.20

40000

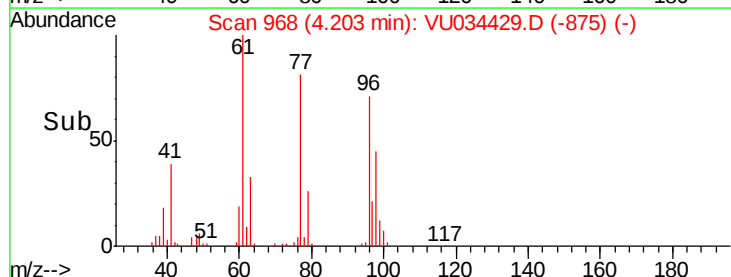
30000

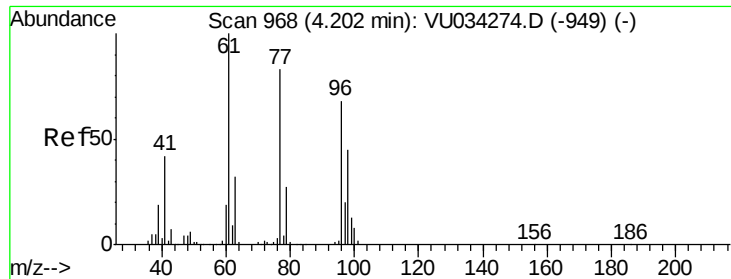
20000

10000

0

Time-->



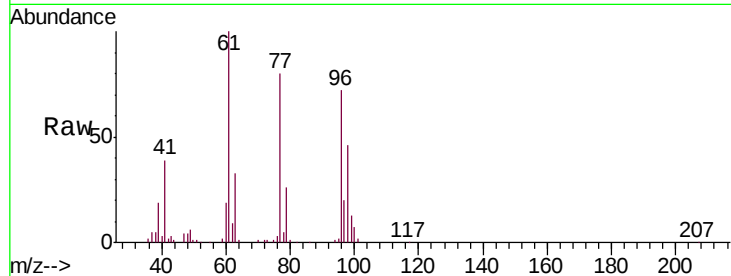


#27

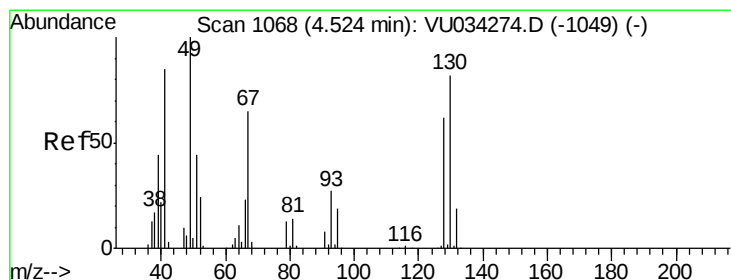
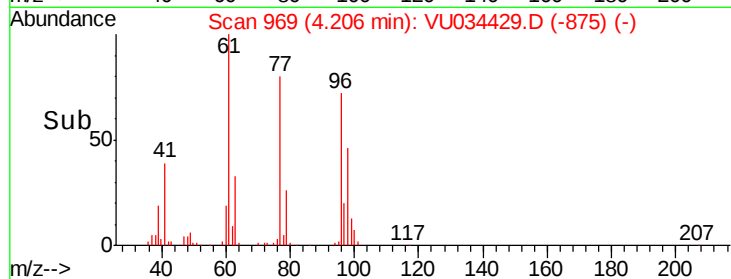
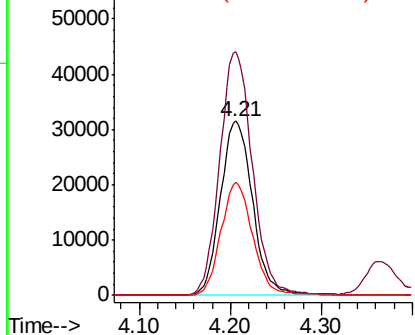
cis-1,2-Dichloroethene
 Concen: 19.833 ug/l
 RT: 4.21 min Scan# 969
 Delta R.T. 0.00 min
 Lab File: VU034429.D
 Acq: 09 Sep 2019 13:36

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0909WBSD01

Tgt Ion: 96 Resp: 77691
 Ion Ratio Lower Upper
 96 100
 61 141.6 0.0 297.4
 98 63.9 0.0 130.0



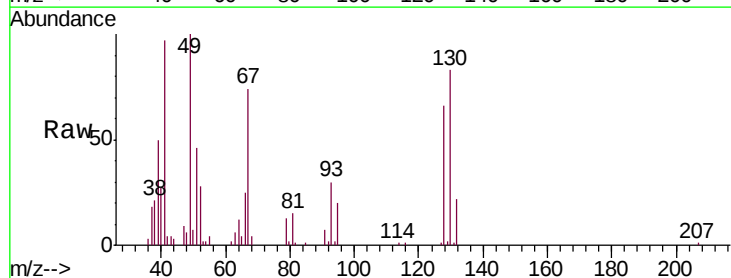
Abundance Ion 95.90 (95.60 to 96.60): VU0
 Ion 60.90 (60.60 to 61.60): VU0
 Ion 97.90 (97.60 to 98.60): VU0



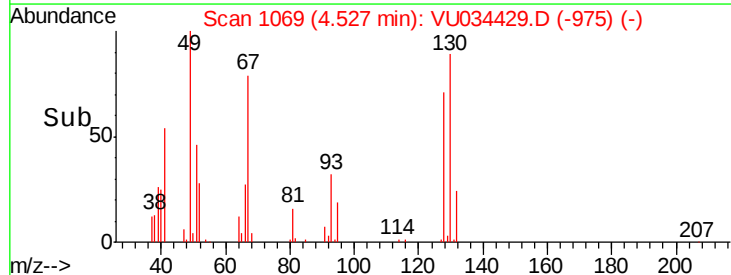
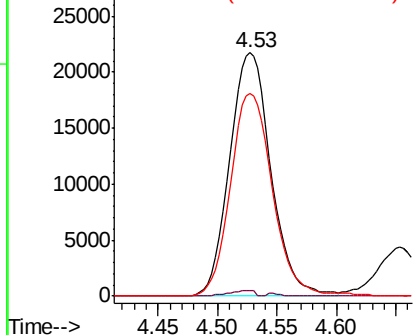
#28

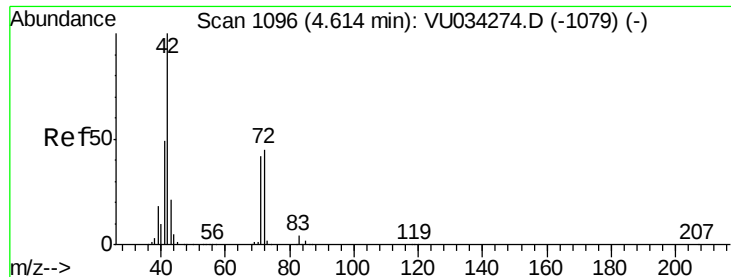
Bromochloromethane
 Concen: 16.687 ug/l
 RT: 4.53 min Scan# 1069
 Delta R.T. 0.00 min
 Lab File: VU034429.D
 Acq: 09 Sep 2019 13:36

Tgt Ion: 49 Resp: 52302
 Ion Ratio Lower Upper
 49 100
 129 1.4 0.0 3.8
 130 84.3 65.2 97.8



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

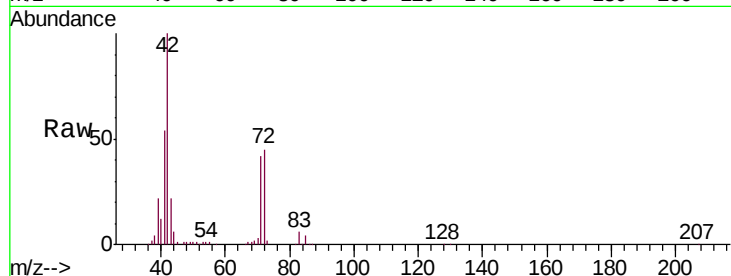




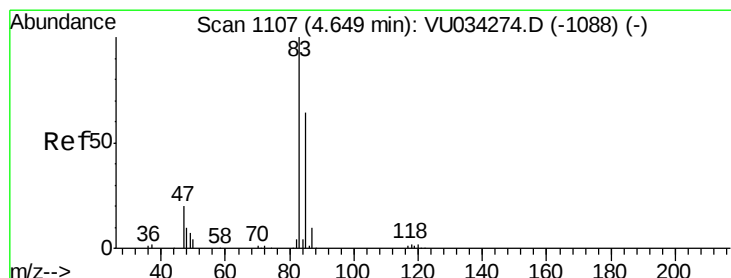
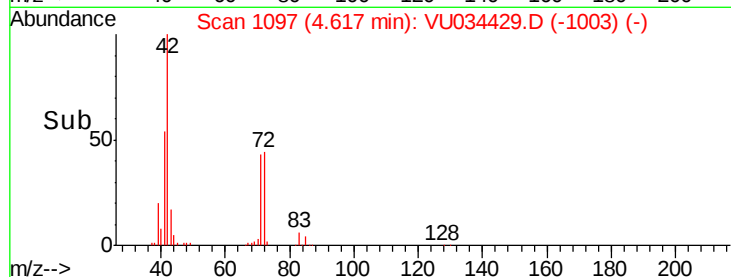
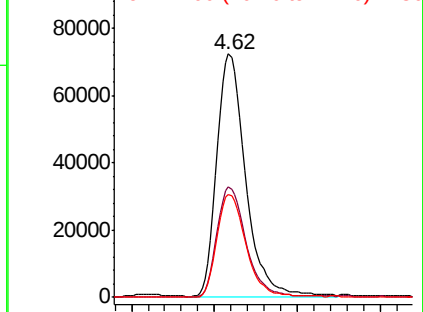
#29
Tetrahydrofuran
Concen: 97.614 ug/l
RT: 4.62 min Scan# 1097
Delta R.T. 0.00 min
Lab File: VU034429.D
Acq: 09 Sep 2019 13:36

Instrument :
MSVOA_U
ClientSampleId :
VU0909WBSD01

Tgt Ion: 42 Resp: 174640
Ion Ratio Lower Upper
42 100
72 46.1 36.6 54.8
71 42.9 34.3 51.5

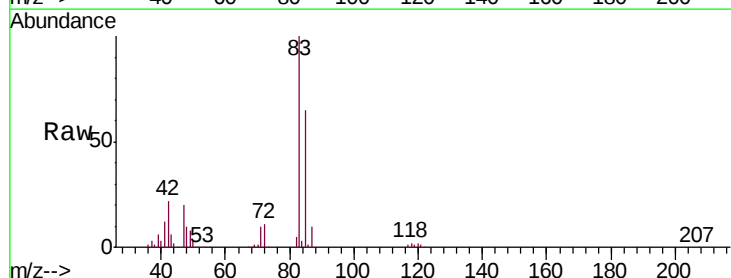


Abundance Ion 42.00 (41.70 to 42.70): VU0
Ion 72.00 (71.70 to 72.70): VU0
Ion 71.00 (70.70 to 71.70): VU0

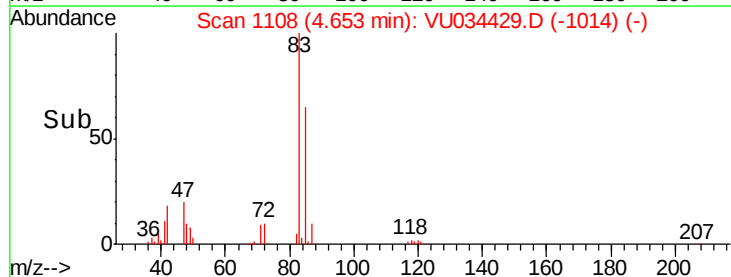
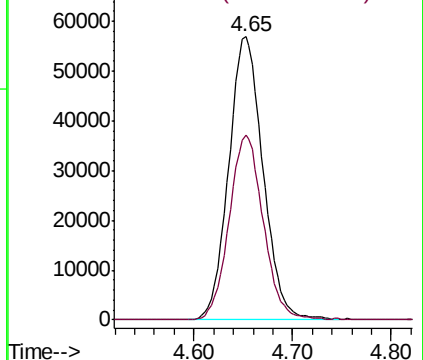


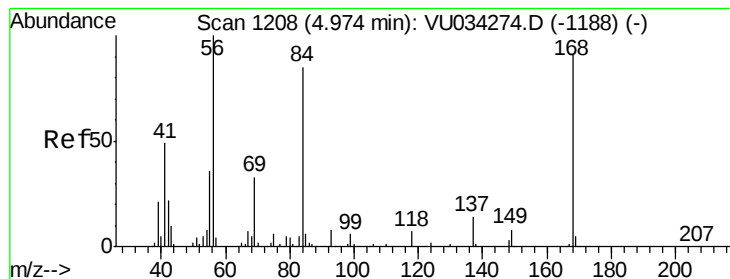
#30
Chloroform
Concen: 19.885 ug/l
RT: 4.65 min Scan# 1108
Delta R.T. 0.00 min
Lab File: VU034429.D
Acq: 09 Sep 2019 13:36

Tgt Ion: 83 Resp: 137739
Ion Ratio Lower Upper
83 100
85 65.1 51.5 77.3



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





#31

Cyclohexane

Concen: 18.014 ug/l

RT: 4.97 min Scan# 1208

Delta R.T. 0.00 min

Lab File: VU034429.D

Acq: 09 Sep 2019 13:36

Instrument :

MSVOA_U

ClientSampleId :

VU0909WBSD01

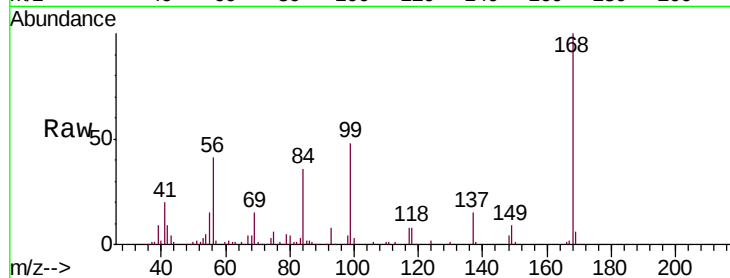
Tgt Ion: 56 Resp: 89805

Ion Ratio Lower Upper

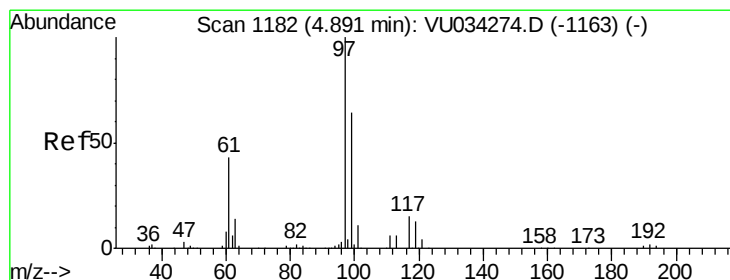
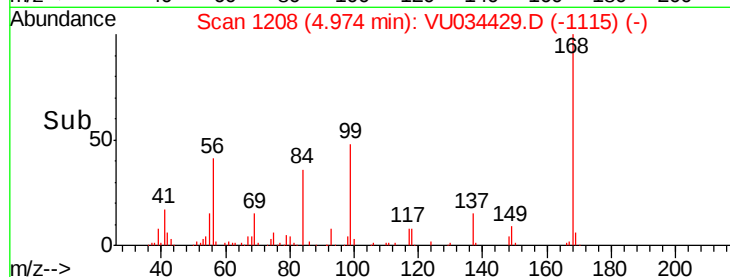
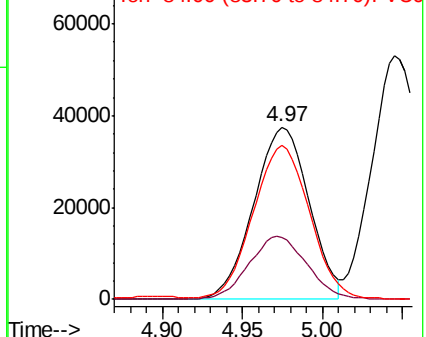
56 100

69 36.0 26.7 40.1

84 88.2 68.2 102.4



Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0



#32

1,1,1-Trichloroethane

Concen: 19.820 ug/l

RT: 4.89 min Scan# 1183

Delta R.T. 0.00 min

Lab File: VU034429.D

Acq: 09 Sep 2019 13:36

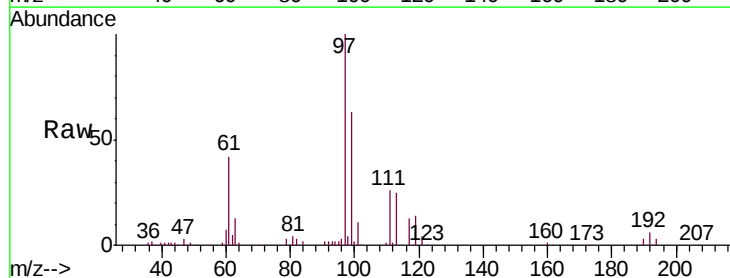
Tgt Ion: 97 Resp: 109766

Ion Ratio Lower Upper

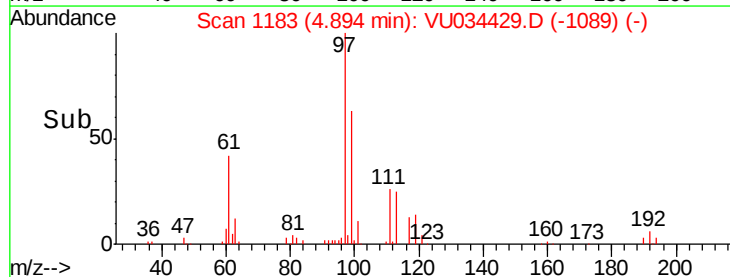
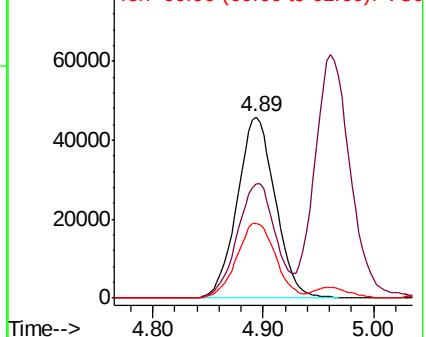
97 100

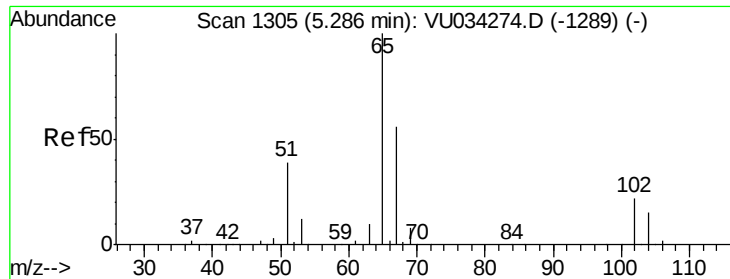
99 63.4 50.9 76.3

61 42.0 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: 49.227 ug/l

RT: 5.29 min Scan# 1305

Delta R.T. 0.00 min

Lab File: VU034429.D

Acq: 09 Sep 2019 13:36

Instrument :

MSVOA_U

ClientSampleId :

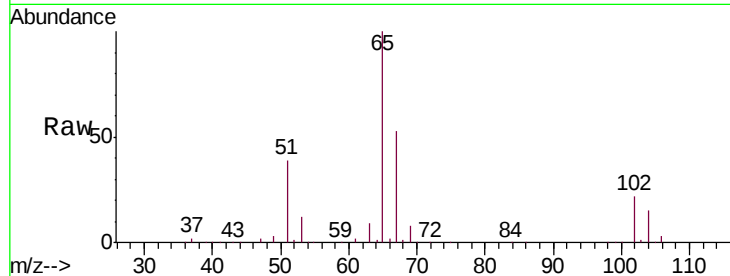
VU0909WBSD01

Tgt Ion: 65 Resp: 209521

Ion Ratio Lower Upper

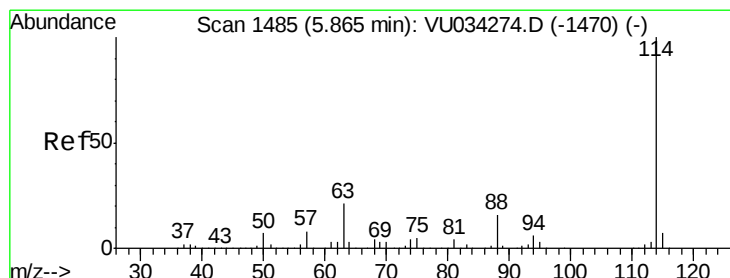
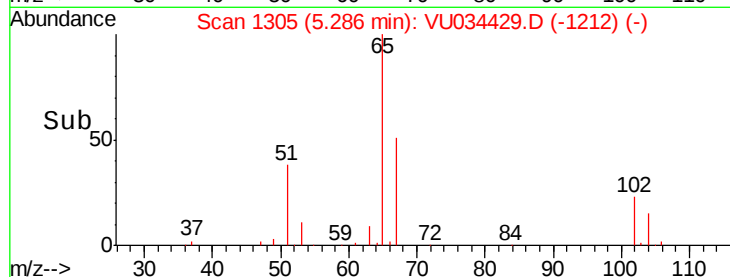
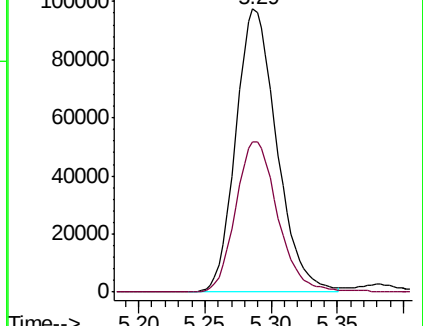
65 100

67 54.9 0.0 112.4



Abundance Ion 64.90 (64.60 to 65.60): VU034429.D (-1289) (-)

Ion 66.90 (66.60 to 67.60): VU034429.D (-1289) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.86 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VU034429.D

Acq: 09 Sep 2019 13:36

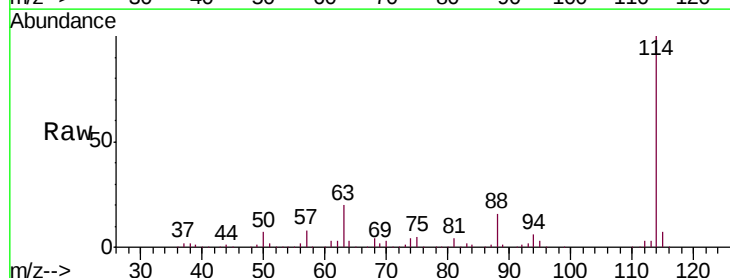
Tgt Ion: 114 Resp: 403767

Ion Ratio Lower Upper

114 100

63 19.6 0.0 42.4

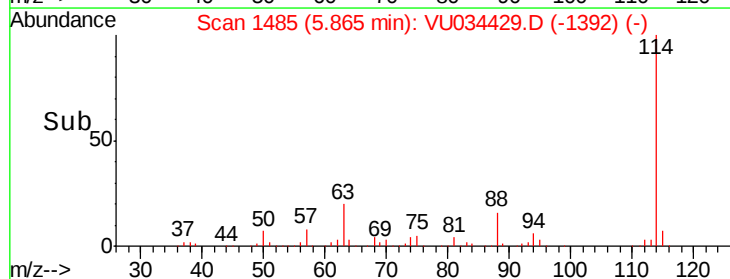
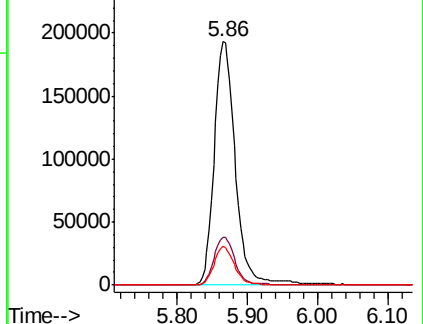
88 15.7 0.0 32.4

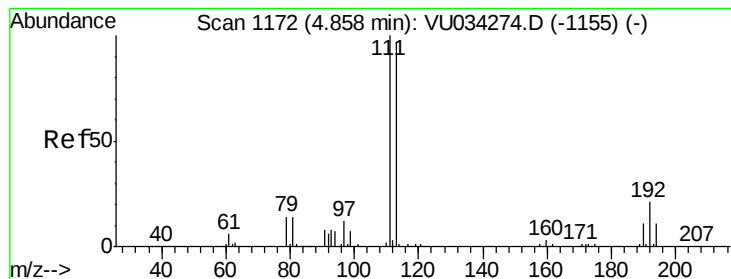


Abundance Ion 113.90 (113.60 to 114.60): VU034429.D (-1392) (-)

Ion 63.00 (62.70 to 63.70): VU034429.D (-1392) (-)

Ion 87.90 (87.60 to 88.60): VU034429.D (-1392) (-)





#35

Dibromofluoromethane

Concen: 50.415 ug/l

RT: 4.86 min Scan# 1173

Delta R.T. 0.00 min

Lab File: VU034429.D

Acq: 09 Sep 2019 13:36

Instrument :

MSVOA_U

ClientSampleId :

VU0909WBSD01

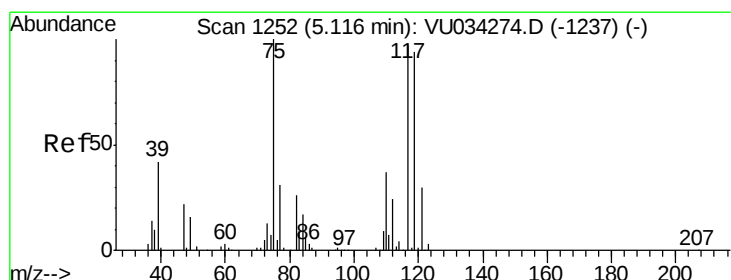
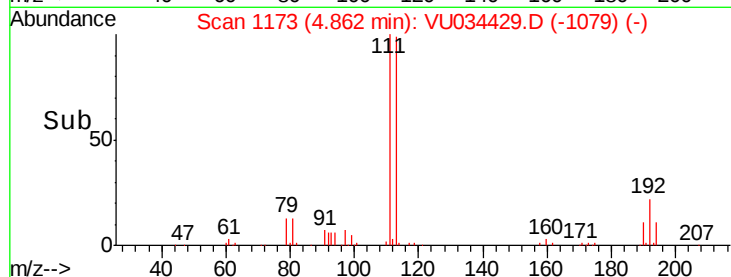
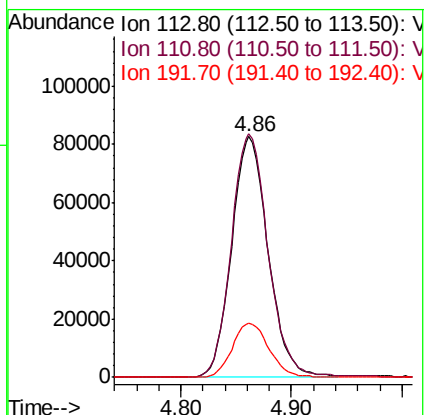
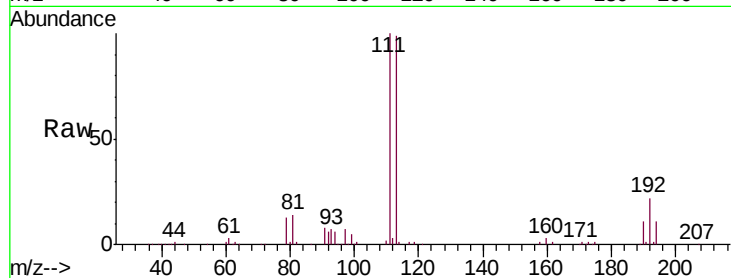
Tgt Ion: 113 Resp: 189414

Ion Ratio Lower Upper

113 100

111 102.0 81.5 122.3

192 22.8 17.8 26.8



#36

1,1-Dichloropropene

Concen: 19.003 ug/l

RT: 5.12 min Scan# 1253

Delta R.T. 0.00 min

Lab File: VU034429.D

Acq: 09 Sep 2019 13:36

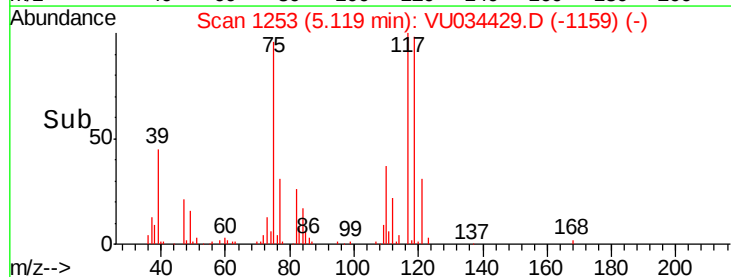
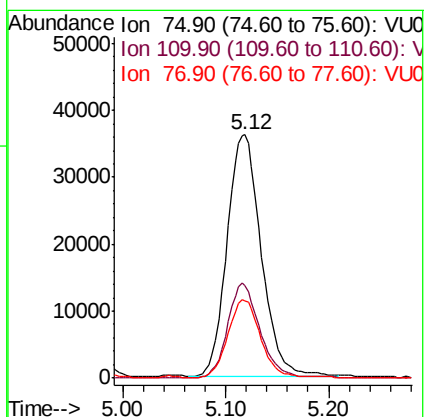
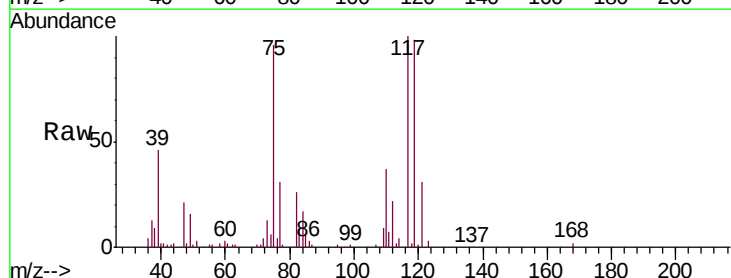
Tgt Ion: 75 Resp: 83211

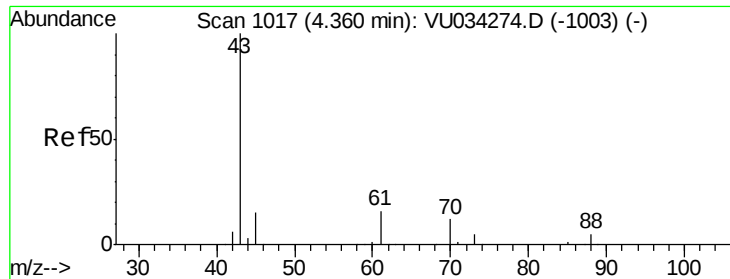
Ion Ratio Lower Upper

75 100

110 37.1 18.3 54.9

77 31.3 24.9 37.3

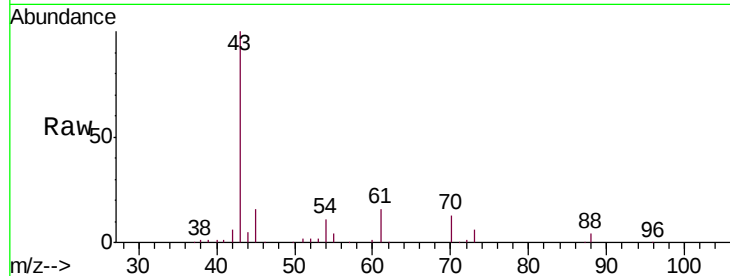




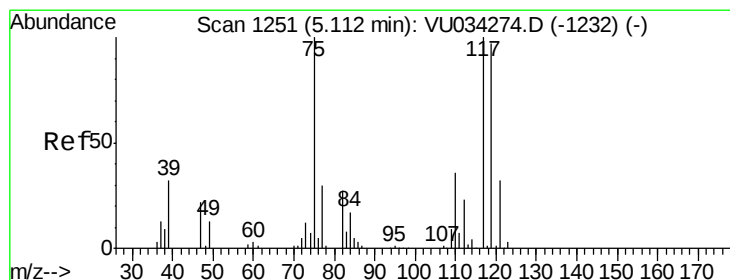
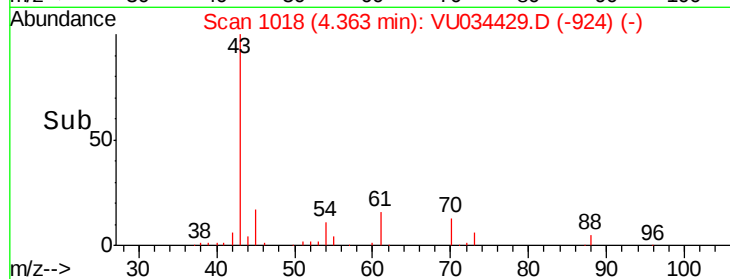
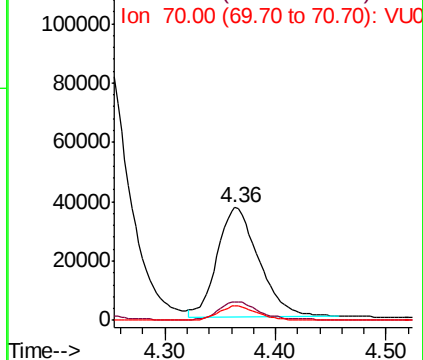
#37
 Ethyl Acetate
 Concen: 18.721 ug/l
 RT: 4.36 min Scan# 1017
 Delta R.T. 0.00 min
 Lab File: VU034429.D
 Acq: 09 Sep 2019 13:36

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0909WBSD01

Tgt Ion: 43 Resp: 96926
 Ion Ratio Lower Upper
 43 100
 61 15.9 12.3 18.5
 70 12.0 9.1 13.7

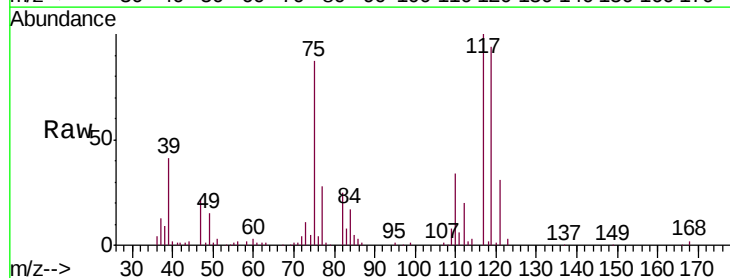


Abundance Ion 43.00 (42.70 to 43.70): VU0
 Ion 60.90 (60.60 to 61.60): VU0
 Ion 70.00 (69.70 to 70.70): VU0

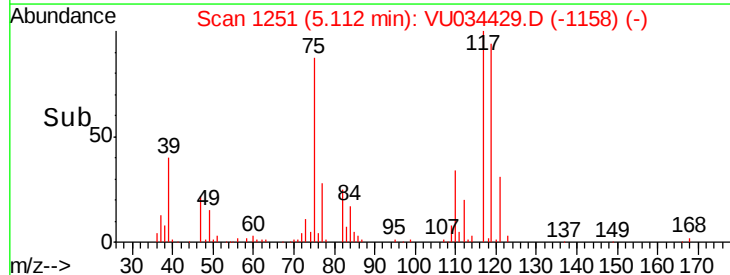
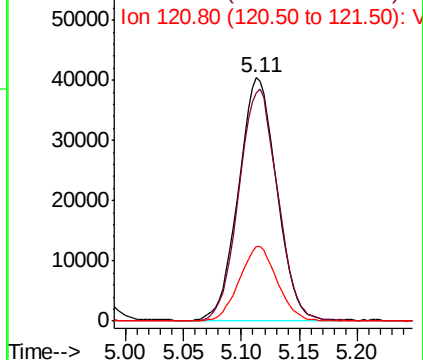


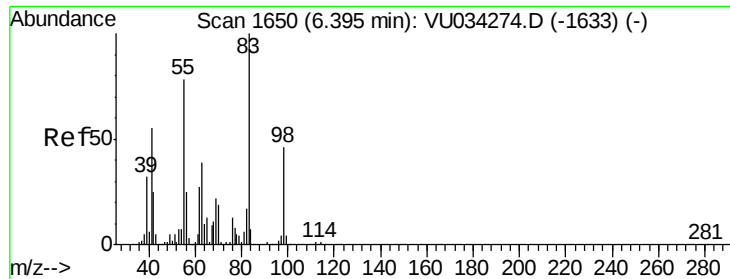
#38
 Carbon Tetrachloride
 Concen: 19.716 ug/l
 RT: 5.11 min Scan# 1251
 Delta R.T. 0.00 min
 Lab File: VU034429.D
 Acq: 09 Sep 2019 13:36

Tgt Ion: 117 Resp: 92182
 Ion Ratio Lower Upper
 117 100
 119 94.3 77.8 116.6
 121 30.8 25.2 37.8



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

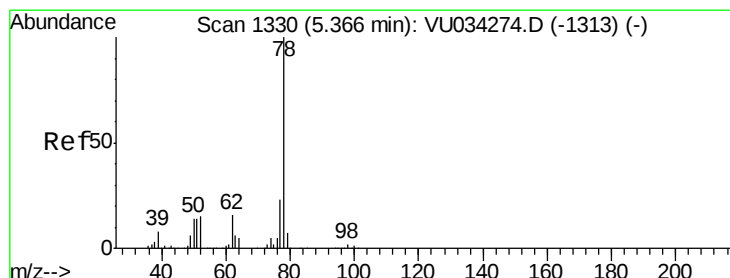
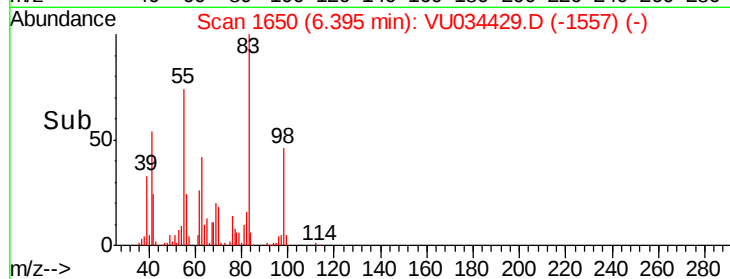
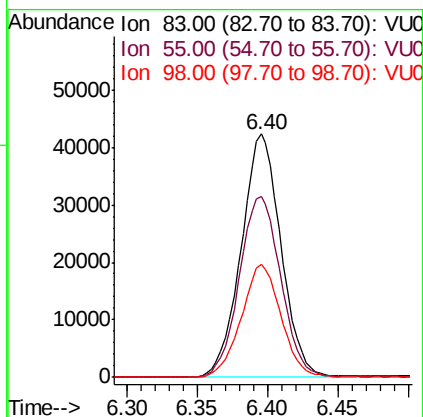
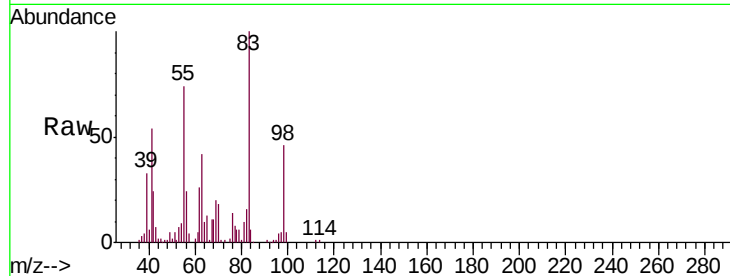




#39
Methylcyclohexane
Concen: 17.830 ug/l
RT: 6.40 min Scan# 1650
Delta R.T. 0.00 min
Lab File: VU034429.D
Acq: 09 Sep 2019 13:36

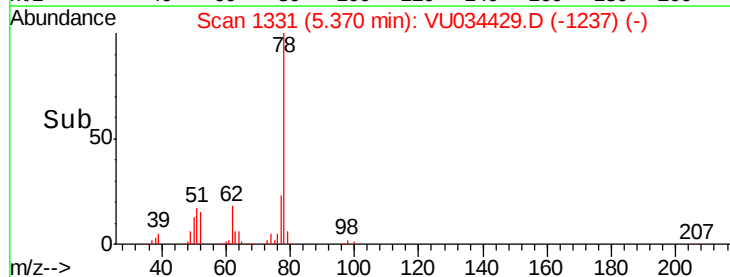
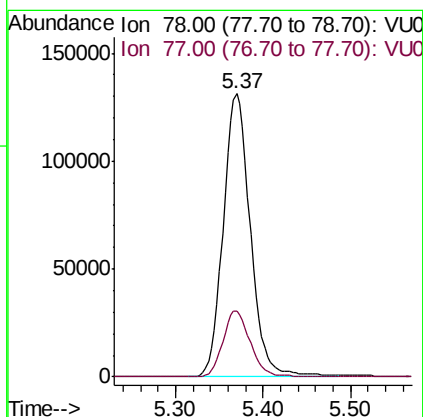
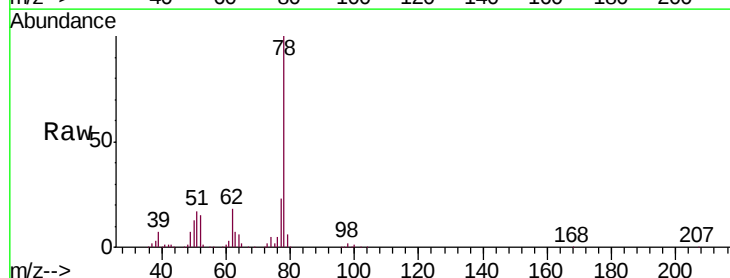
Instrument :
MSVOA_U
ClientSampleId :
VU0909WBSD01

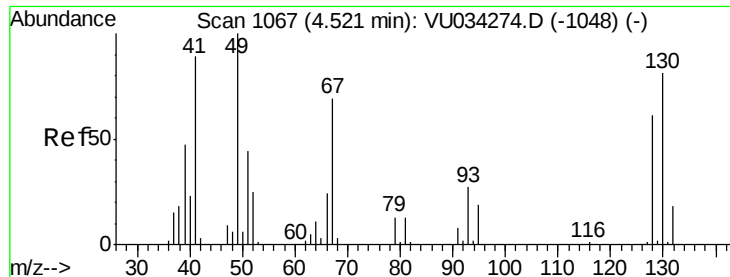
Tgt Ion: 83 Resp: 83464
Ion Ratio Lower Upper
83 100
55 74.4 62.1 93.1
98 46.2 37.0 55.6



#40
Benzene
Concen: 20.029 ug/l
RT: 5.37 min Scan# 1331
Delta R.T. 0.00 min
Lab File: VU034429.D
Acq: 09 Sep 2019 13:36

Tgt Ion: 78 Resp: 282999
Ion Ratio Lower Upper
78 100
77 23.3 18.7 28.1

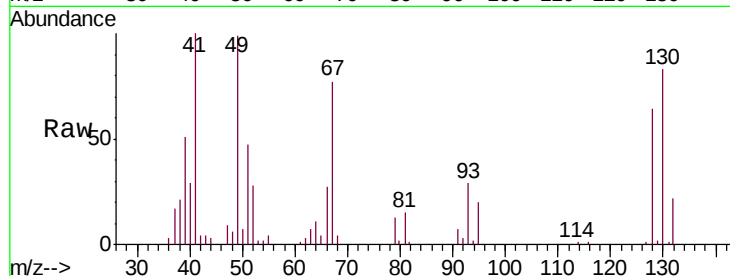




#41
Methacrylonitrile
Concen: 19.453 ug/l
RT: 4.52 min Scan# 1068
Delta R.T. 0.00 min
Lab File: VU034429.D
Acq: 09 Sep 2019 13:36

Instrument :
MSVOA_U
ClientSampleId :
VU0909WBSD01

Tgt Ion:	41	Resp:	53647
Ion	Ratio	Lower	Upper
41	100		
39	52.6	41.0	61.4
67	82.3	62.4	93.6
52	28.7	23.6	35.4



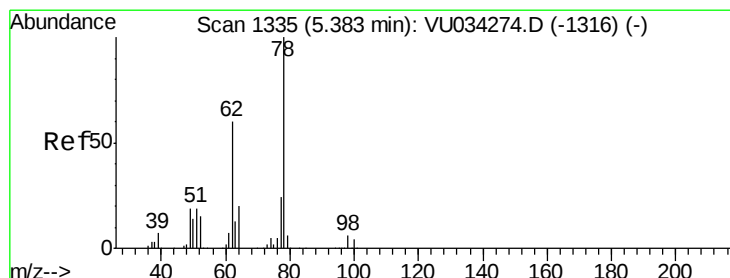
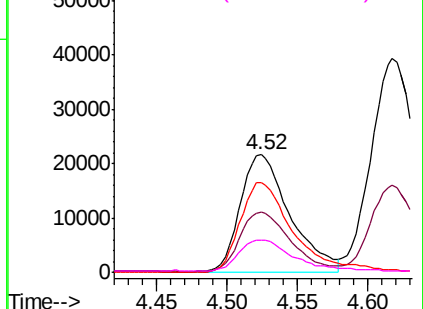
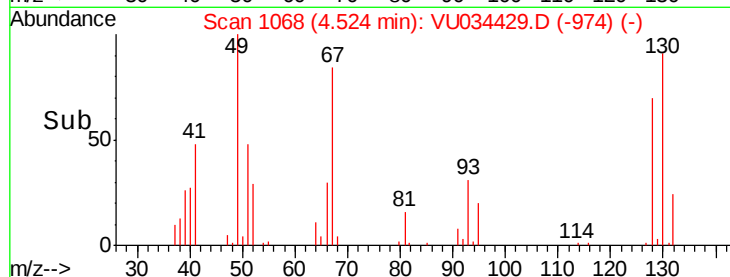
Abundance

Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

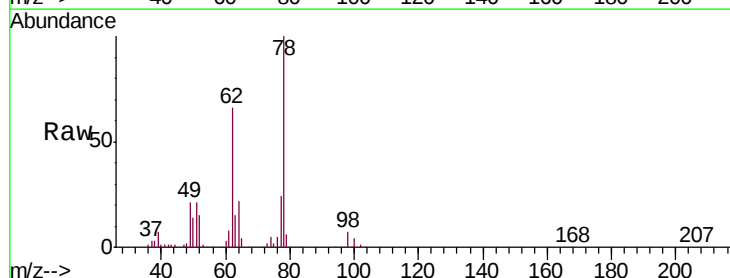
Ion 67.00 (66.70 to 67.70): VU0

Ion 52.00 (51.70 to 52.70): VU0



#42
1,2-Dichloroethane
Concen: 19.946 ug/l
RT: 5.39 min Scan# 1336
Delta R.T. 0.00 min
Lab File: VU034429.D
Acq: 09 Sep 2019 13:36

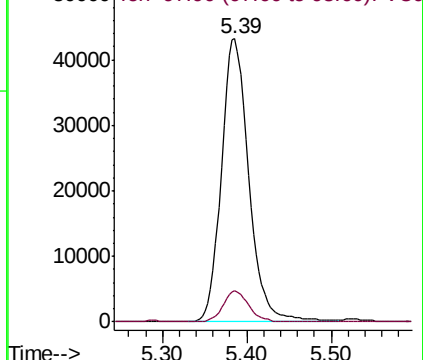
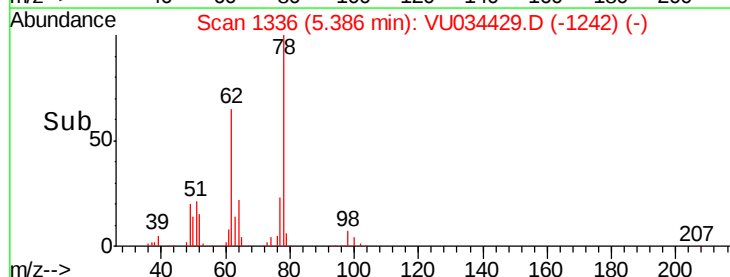
Tgt Ion:	62	Resp:	97849
Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	20.0

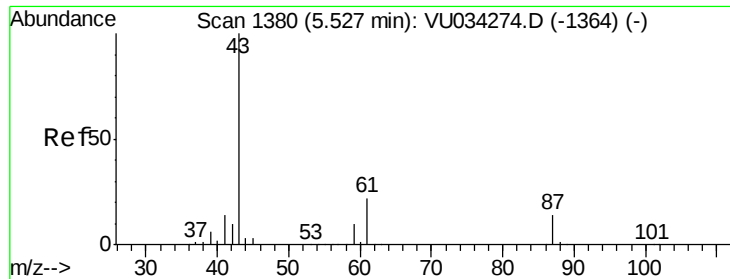


Abundance

Ion 61.90 (61.60 to 62.60): VU0

Ion 97.90 (97.60 to 98.60): VU0





#43

Isopropyl Acetate

Concen: 18.877 ug/l

RT: 5.53 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VU034429.D

Acq: 09 Sep 2019 13:36

Instrument :

MSVOA_U

ClientSampleId :

VU0909WBSD01

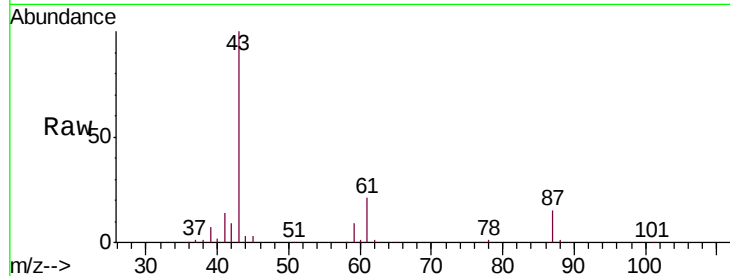
Tgt Ion: 43 Resp: 152460

Ion Ratio Lower Upper

43 100

61 21.7 17.1 25.7

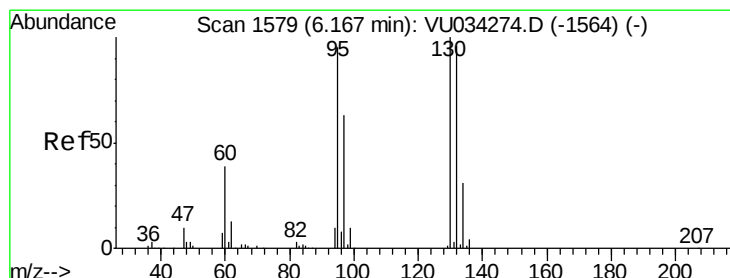
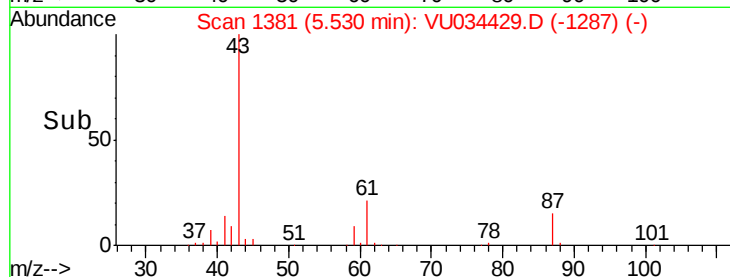
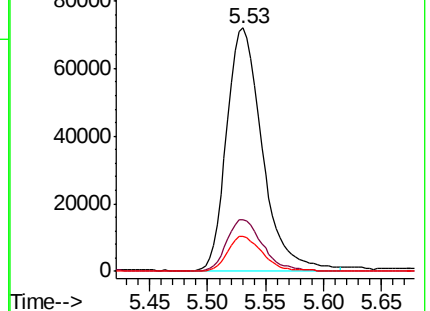
87 14.2 11.1 16.7



Abundance Ion 43.00 (42.70 to 43.70): VU034429.D (-1287) (-)

Ion 61.00 (60.70 to 61.70): VU034429.D (-1287) (-)

Ion 87.00 (86.70 to 87.70): VU034429.D (-1287) (-)



#44

Trichloroethene

Concen: 19.639 ug/l

RT: 6.17 min Scan# 1579

Delta R.T. 0.00 min

Lab File: VU034429.D

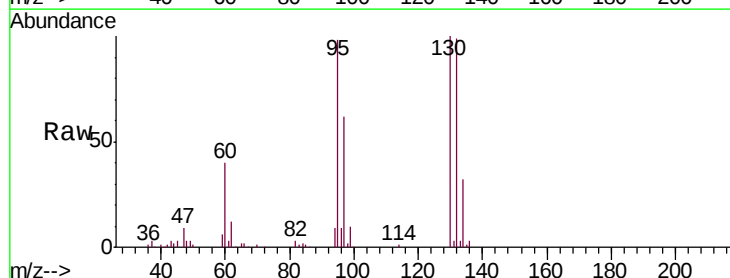
Acq: 09 Sep 2019 13:36

Tgt Ion: 130 Resp: 76786

Ion Ratio Lower Upper

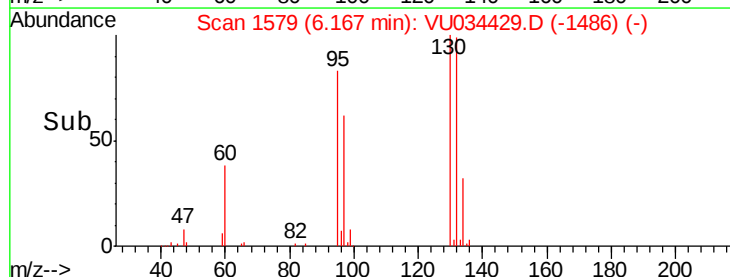
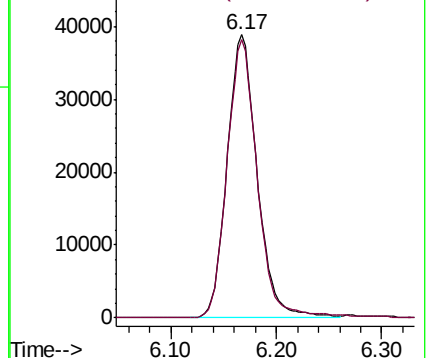
130 100

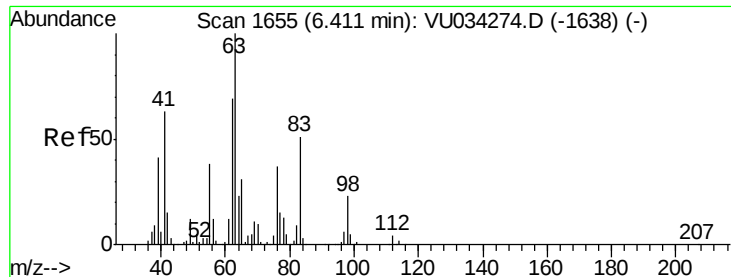
95 98.1 0.0 189.2



Abundance Ion 129.80 (129.50 to 130.50): VU034429.D (-1486) (-)

Ion 94.90 (94.60 to 95.60): VU034429.D (-1486) (-)





#45

1,2-Dichloropropane

Concen: 19.970 ug/l

RT: 6.41 min Scan# 1655

Delta R.T. 0.00 min

Lab File: VU034429.D

Acq: 09 Sep 2019 13:36

Instrument :

MSVOA_U

ClientSampleId :

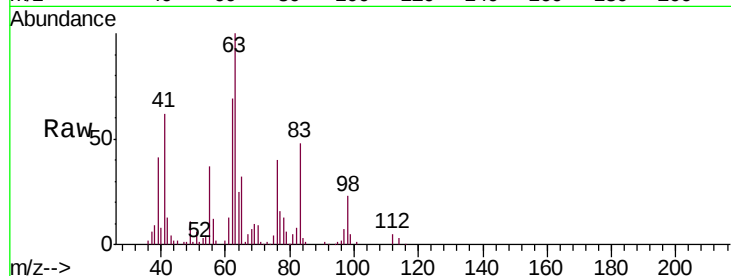
VU0909WBSD01

Tgt Ion: 63 Resp: 82490

Ion Ratio Lower Upper

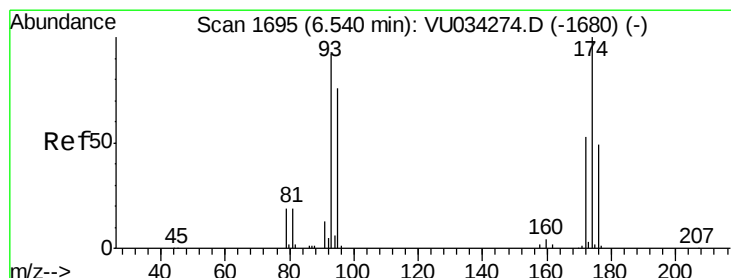
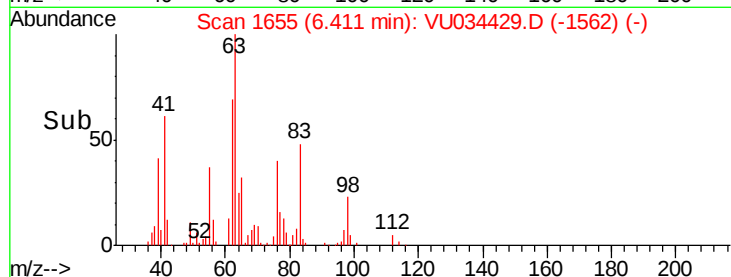
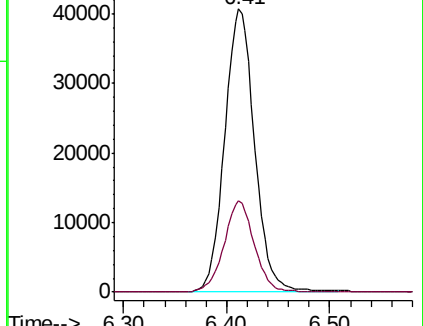
63 100

65 32.3 24.6 37.0



Abundance Ion 62.90 (62.60 to 63.60): VU034429.D (-1638) (-)

Ion 64.90 (64.60 to 65.60): VU034429.D (-1638) (-)



#46

Dibromomethane

Concen: 20.423 ug/l

RT: 6.54 min Scan# 1695

Delta R.T. 0.00 min

Lab File: VU034429.D

Acq: 09 Sep 2019 13:36

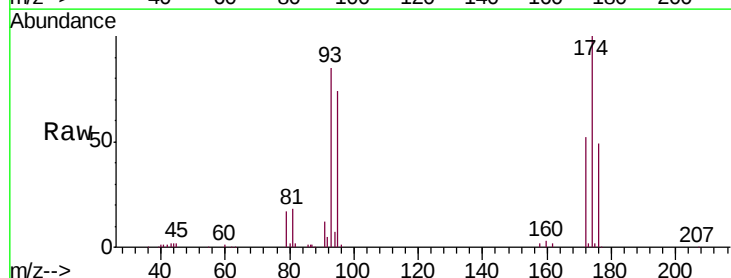
Tgt Ion: 93 Resp: 52953

Ion Ratio Lower Upper

93 100

95 83.3 66.5 99.7

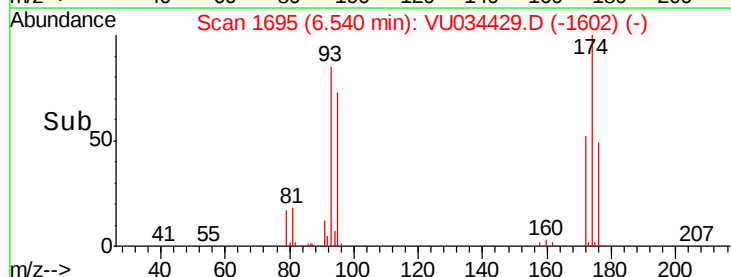
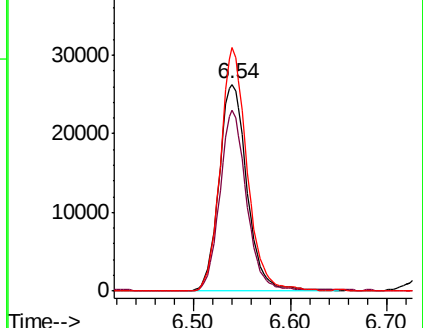
174 112.0 87.8 131.6

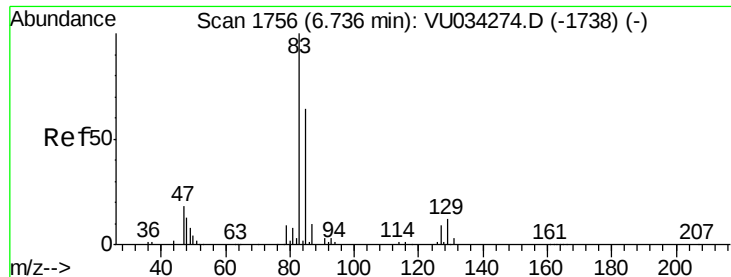


Abundance Ion 92.80 (92.50 to 93.50): VU034429.D (-1602) (-)

Ion 94.80 (94.50 to 95.50): VU034429.D (-1602) (-)

Ion 173.70 (173.40 to 174.40): VU034429.D (-1602) (-)





#47

Bromodichloromethane

Concen: 19.948 ug/l

RT: 6.74 min Scan# 1756

Delta R.T. 0.00 min

Lab File: VU034429.D

Acq: 09 Sep 2019 13:36

Instrument :

MSVOA_U

ClientSampleId :

VU0909WBSD01

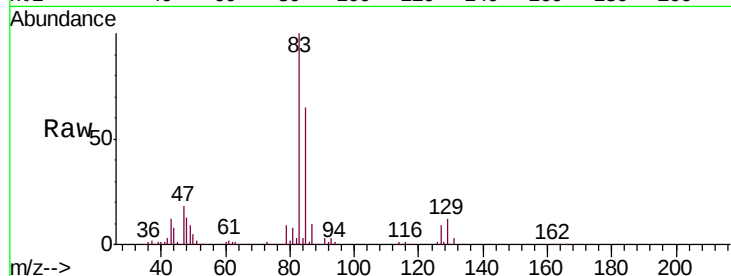
Tgt Ion: 83 Resp: 106467

Ion Ratio Lower Upper

83 100

85 65.5 51.1 76.7

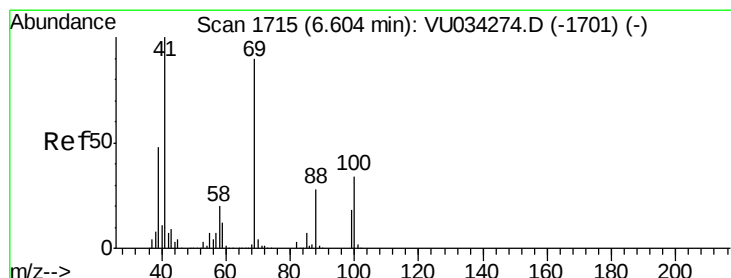
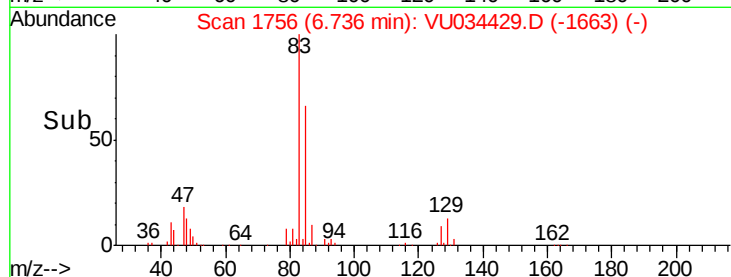
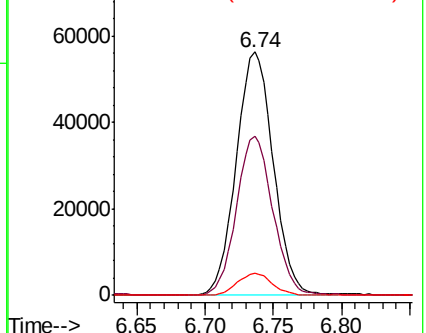
127 8.9 7.2 10.8



Abundance Ion 82.90 (82.60 to 83.60): VU034429.D (-1663) (-)

Ion 84.90 (84.60 to 85.60): VU034429.D (-1663) (-)

Ion 126.80 (126.50 to 127.50): VU034429.D (-1663) (-)



#48

Methyl methacrylate

Concen: 18.338 ug/l

RT: 6.60 min Scan# 1715

Delta R.T. 0.00 min

Lab File: VU034429.D

Acq: 09 Sep 2019 13:36

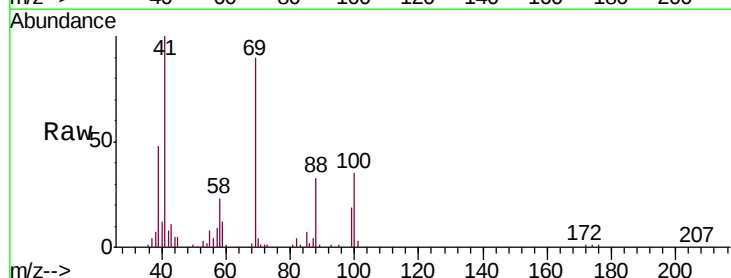
Tgt Ion: 41 Resp: 70343

Ion Ratio Lower Upper

41 100

69 91.7 72.8 109.2

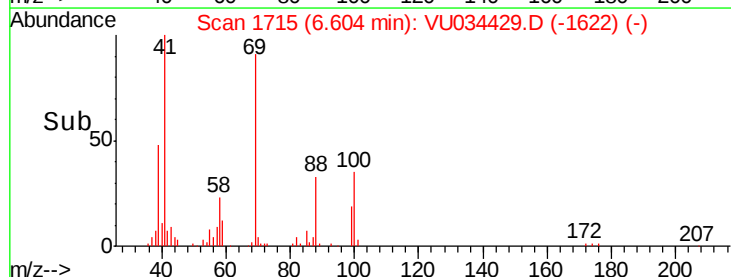
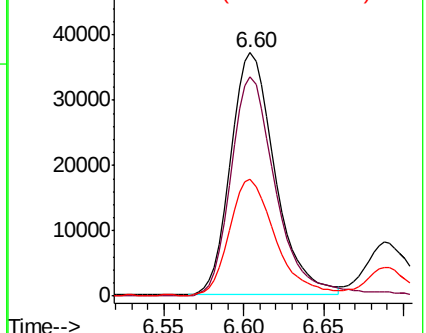
39 49.6 38.6 58.0

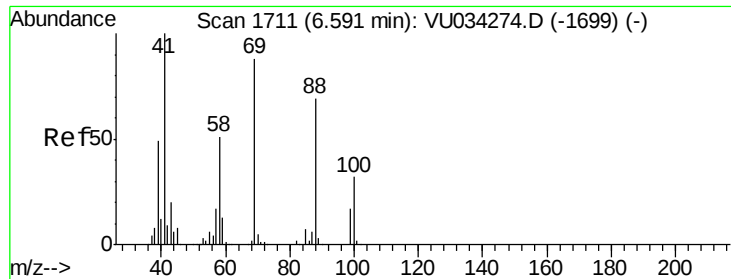


Abundance Ion 41.00 (40.70 to 41.70): VU034429.D (-1622) (-)

Ion 69.00 (68.70 to 69.70): VU034429.D (-1622) (-)

Ion 39.00 (38.70 to 39.70): VU034429.D (-1622) (-)

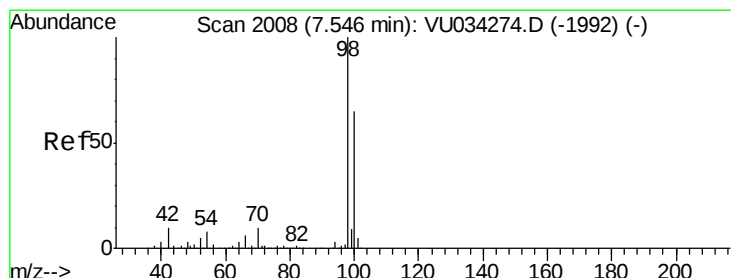
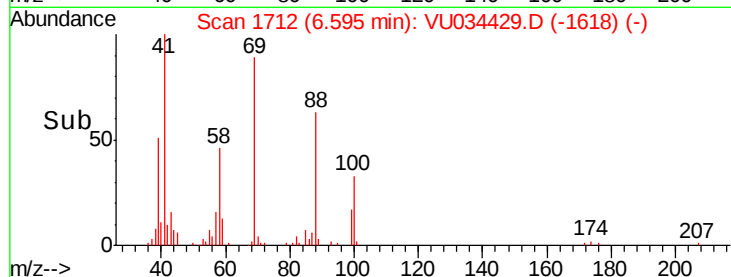
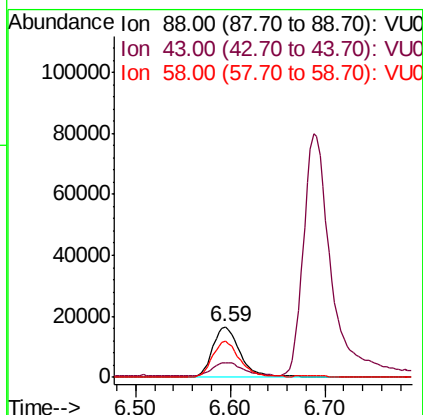
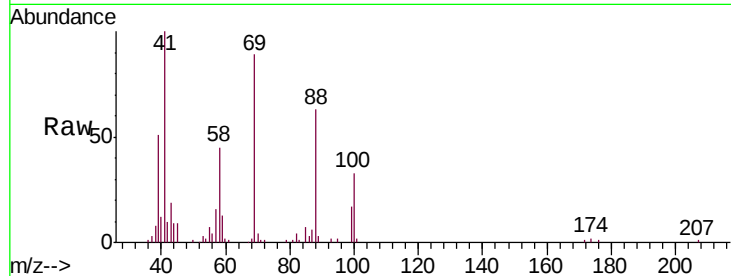




#49
 1,4-Dioxane
 Concen: 406.843 ug/l
 RT: 6.59 min Scan# 1712
 Delta R.T. 0.00 min
 Lab File: VU034429.D
 Acq: 09 Sep 2019 13:36

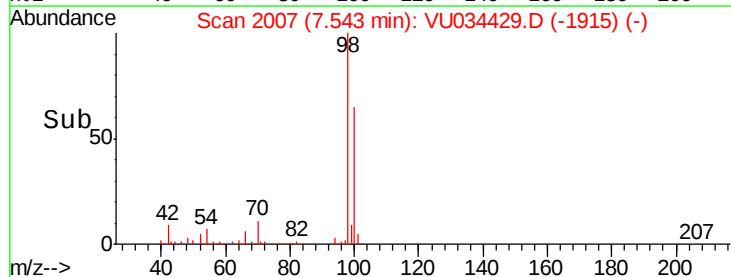
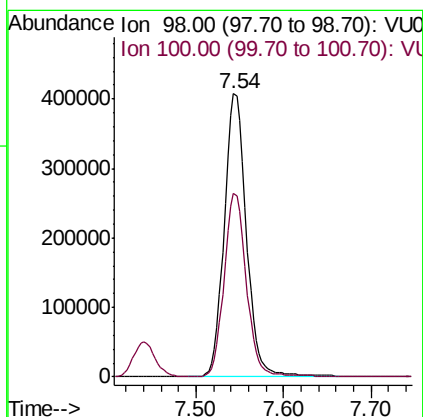
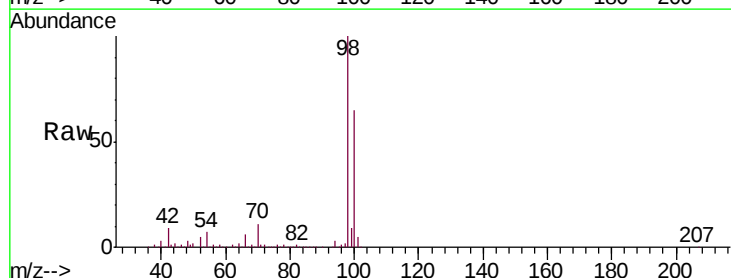
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0909WBSD01

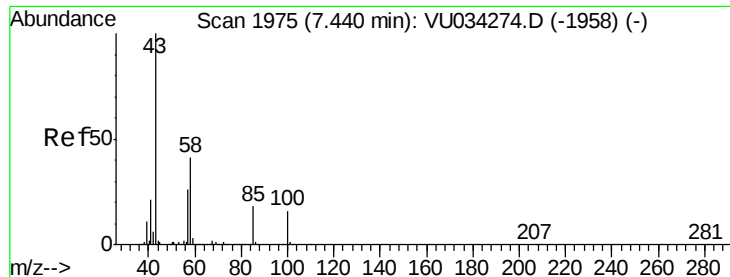
Tgt Ion: 88 Resp: 34079
 Ion Ratio Lower Upper
 88 100
 43 28.4 23.8 35.6
 58 69.1 58.4 87.6



#50
 Toluene-d8
 Concen: 51.032 ug/l
 RT: 7.54 min Scan# 2007
 Delta R.T. -0.00 min
 Lab File: VU034429.D
 Acq: 09 Sep 2019 13:36

Tgt Ion: 98 Resp: 720329
 Ion Ratio Lower Upper
 98 100
 100 65.3 51.7 77.5

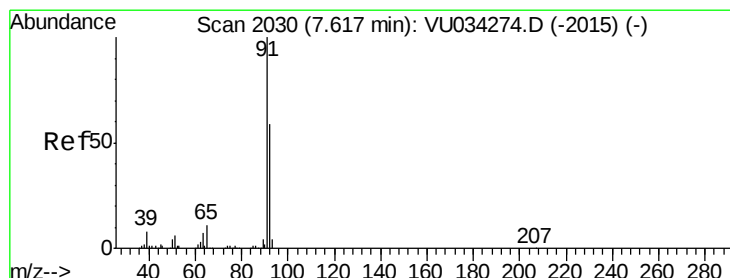
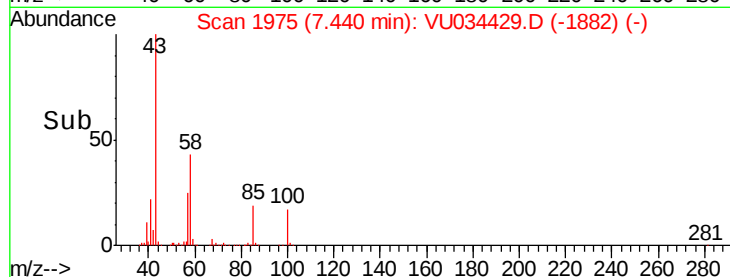
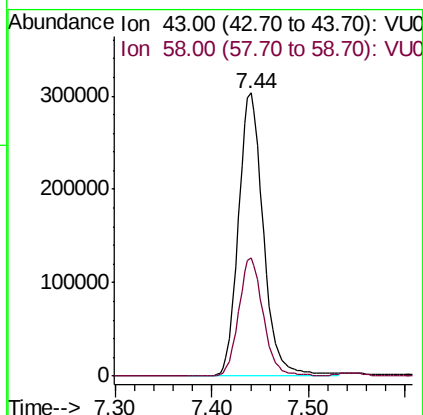
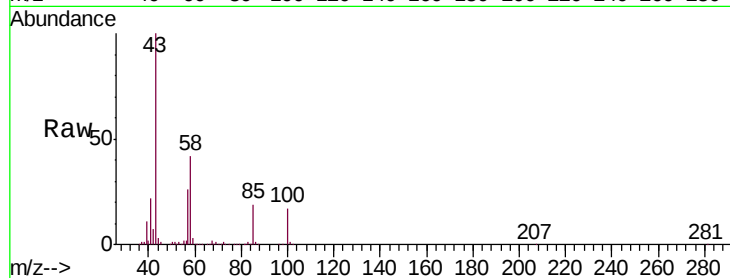




#51
 4-Methyl-2-Pentanone
 Concen: 96.685 ug/l
 RT: 7.44 min Scan# 1975
 Delta R.T. 0.00 min
 Lab File: VU034429.D
 Acq: 09 Sep 2019 13:36

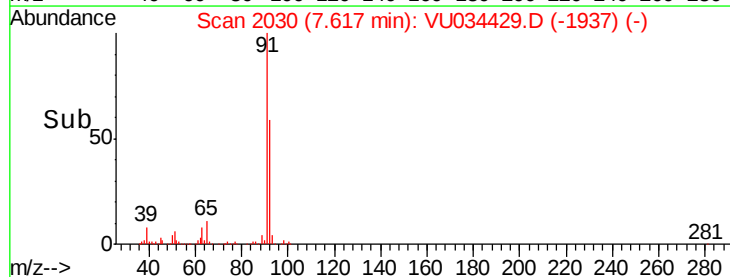
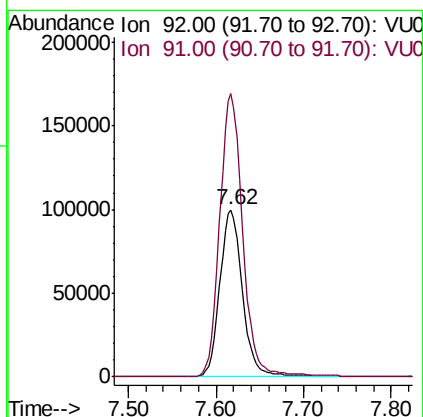
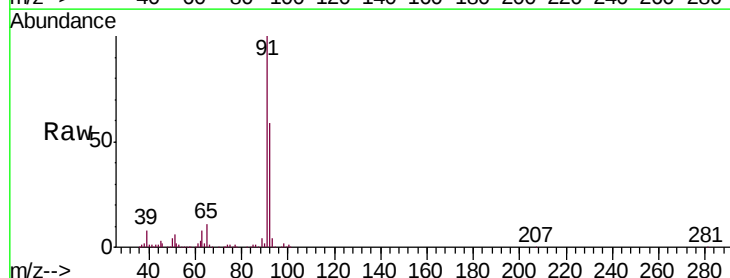
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0909WBSD01

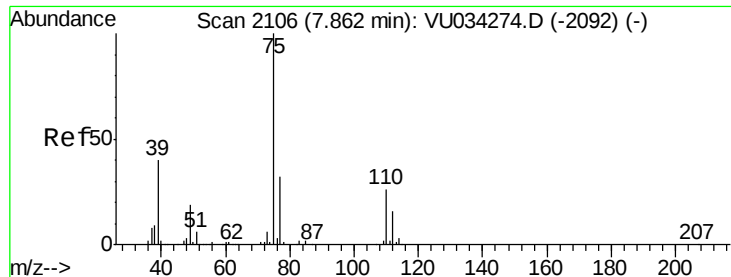
Tgt Ion: 43 Resp: 540521
 Ion Ratio Lower Upper
 43 100
 58 41.2 33.0 49.4



#52
 Toluene
 Concen: 20.293 ug/l
 RT: 7.62 min Scan# 2030
 Delta R.T. 0.00 min
 Lab File: VU034429.D
 Acq: 09 Sep 2019 13:36

Tgt Ion: 92 Resp: 179869
 Ion Ratio Lower Upper
 92 100
 91 171.0 136.6 205.0





#53

t-1,3-Dichloropropene

Concen: 18.727 ug/l

RT: 7.86 min Scan# 2106

Delta R.T. 0.00 min

Lab File: VU034429.D

Acq: 09 Sep 2019 13:36

Instrument :

MSVOA_U

ClientSampleId :

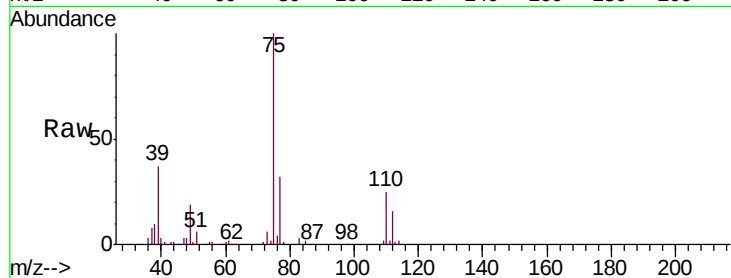
VU0909WBSD01

Tgt Ion: 75 Resp: 103607

Ion Ratio Lower Upper

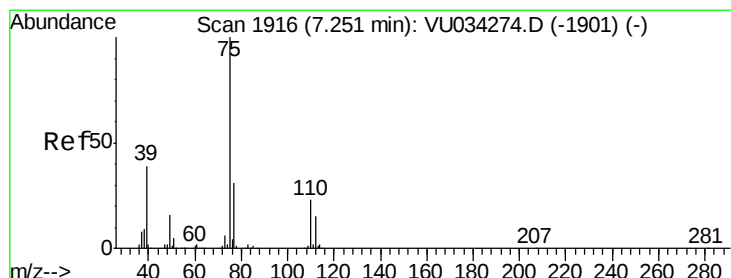
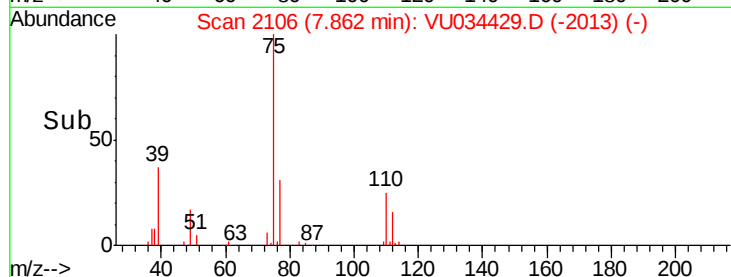
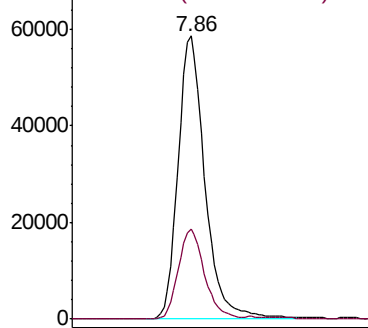
75 100

77 31.7 25.7 38.5



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 76.90 (76.60 to 77.60): VU0



#54

cis-1,3-Dichloropropene

Concen: 19.216 ug/l

RT: 7.25 min Scan# 1916

Delta R.T. 0.00 min

Lab File: VU034429.D

Acq: 09 Sep 2019 13:36

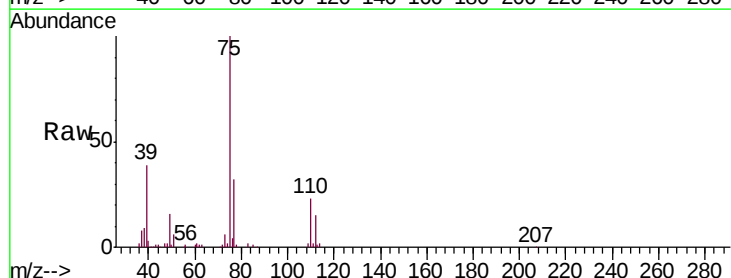
Tgt Ion: 75 Resp: 116687

Ion Ratio Lower Upper

75 100

77 32.4 25.1 37.7

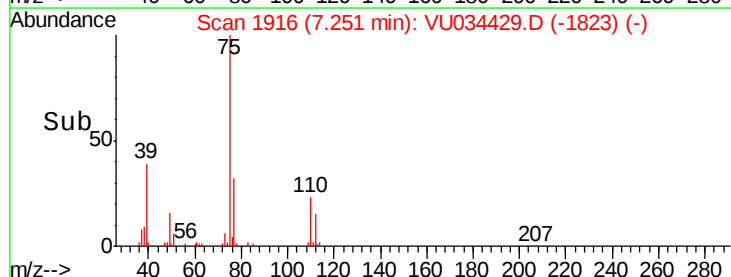
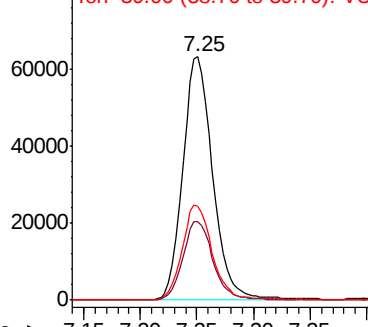
39 38.8 31.2 46.8

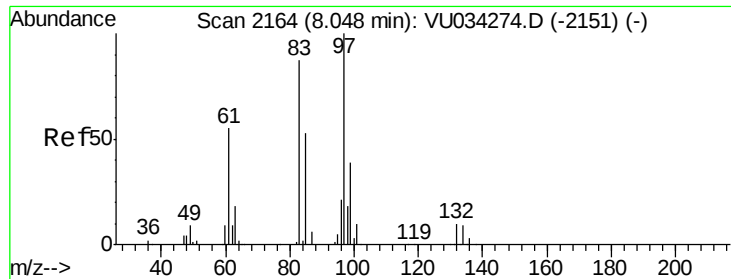


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 76.90 (76.60 to 77.60): VU0

Ion 39.00 (38.70 to 39.70): VU0

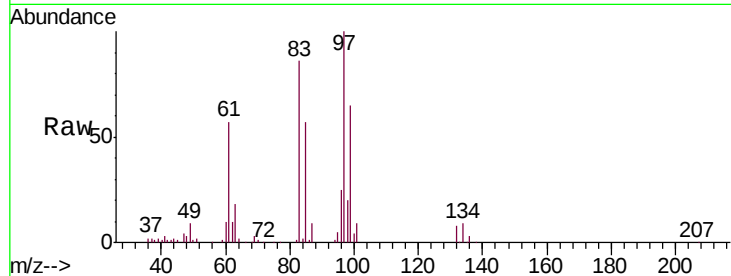




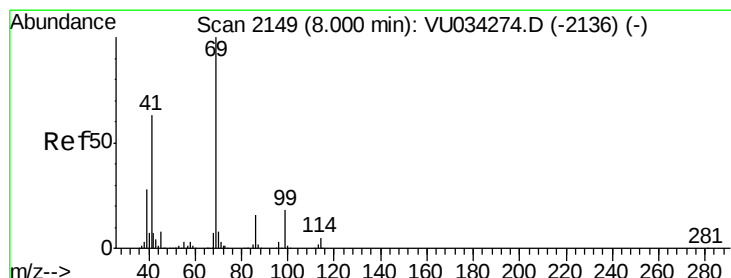
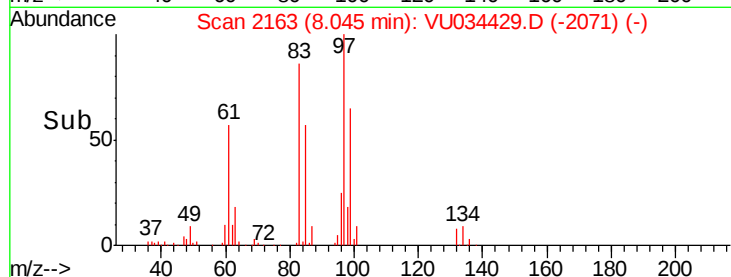
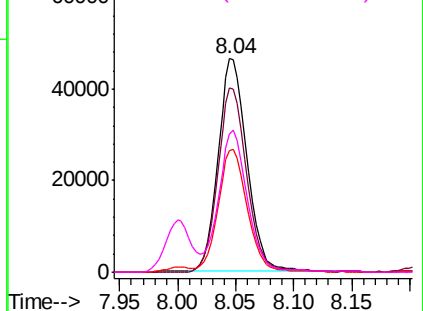
#55
 1,1,2-Trichloroethane
 Concen: 19.952 ug/l
 RT: 8.04 min Scan# 2163
 Delta R.T. -0.00 min
 Lab File: VU034429.D
 Acq: 09 Sep 2019 13:36

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0909WBSD01

Tgt Ion: 97 Resp: 80301
 Ion Ratio Lower Upper
 97 100
 83 86.2 69.0 103.6
 85 57.1 44.2 66.2
 99 64.8 49.4 74.0

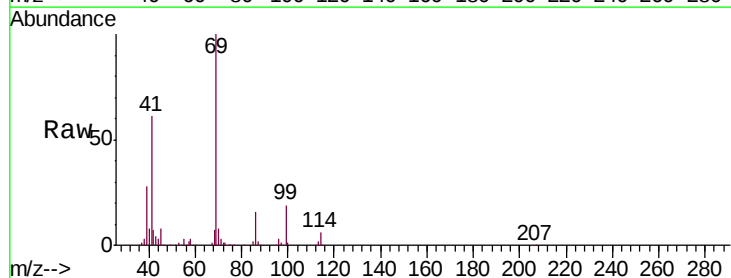


Abundance Ion 96.90 (96.60 to 97.60): VU0
 Ion 82.90 (82.60 to 83.60): VU0
 Ion 84.90 (84.60 to 85.60): VU0
 Ion 98.90 (98.60 to 99.60): VU0

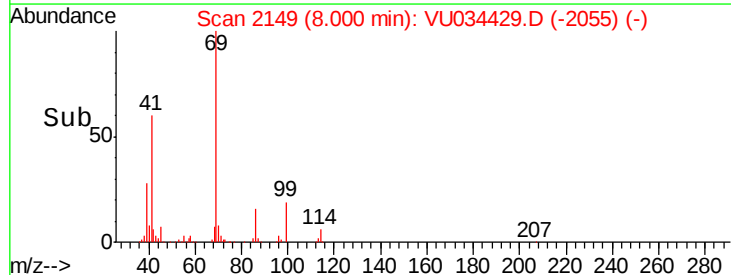
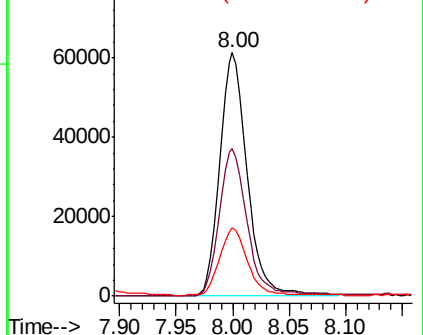


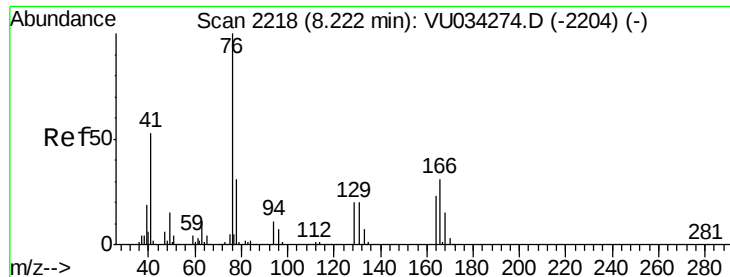
#56
 Ethyl methacrylate
 Concen: 18.978 ug/l
 RT: 8.00 min Scan# 2149
 Delta R.T. 0.00 min
 Lab File: VU034429.D
 Acq: 09 Sep 2019 13:36

Tgt Ion: 69 Resp: 103605
 Ion Ratio Lower Upper
 69 100
 41 61.2 49.5 74.3
 39 28.1 22.5 33.7



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





#57

1,3-Dichloropropane

Concen: 19.500 ug/l

RT: 8.22 min Scan# 2218

Delta R.T. 0.00 min

Lab File: VU034429.D

Acq: 09 Sep 2019 13:36

Instrument :

MSVOA_U

ClientSampleId :

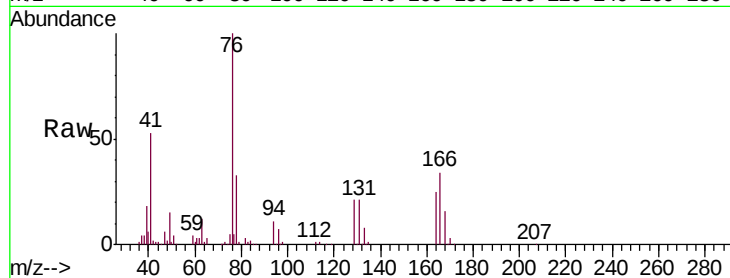
VU0909WBSD01

Tgt Ion: 76 Resp: 127795

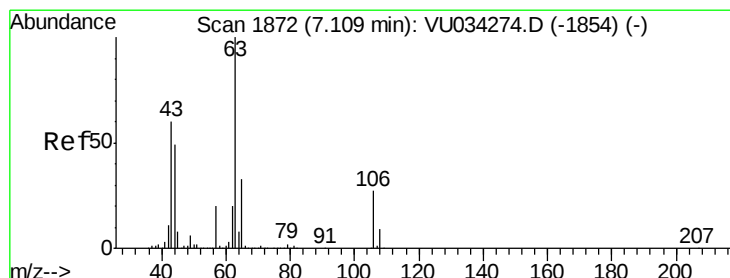
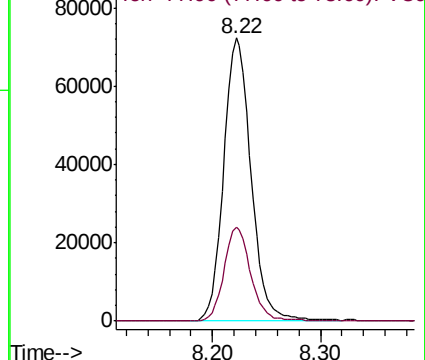
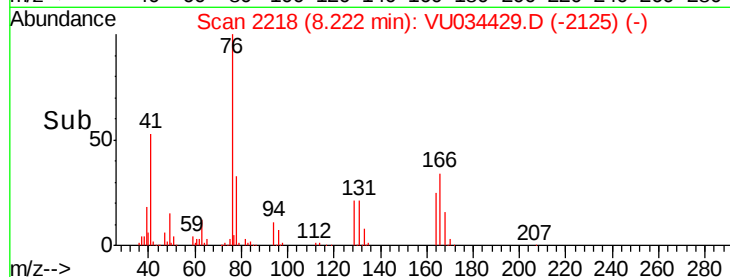
Ion Ratio Lower Upper

76 100

78 32.3 25.4 38.2



Abundance Ion 75.90 (75.60 to 76.60): VU034429.D (-2125) (-)



#58

2-Chloroethyl Vinyl ether

Concen: 91.737 ug/l

RT: 7.11 min Scan# 1872

Delta R.T. 0.00 min

Lab File: VU034429.D

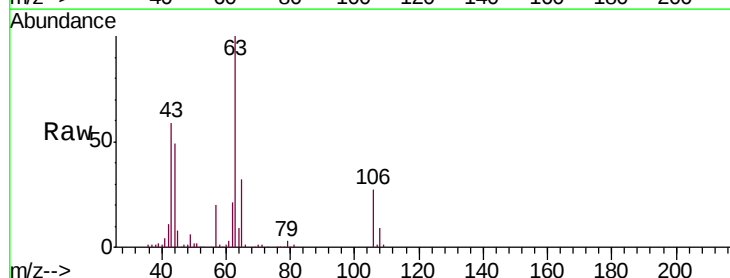
Acq: 09 Sep 2019 13:36

Tgt Ion: 63 Resp: 166472

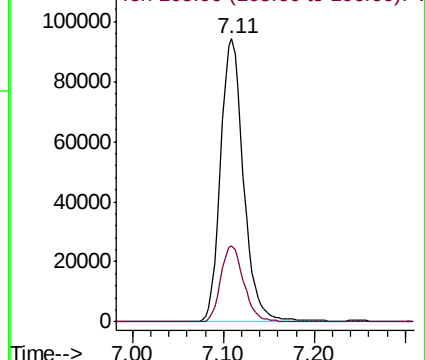
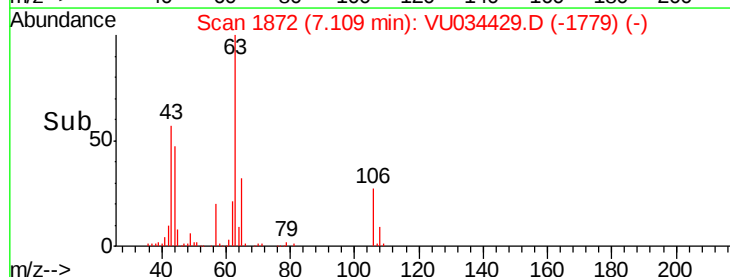
Ion Ratio Lower Upper

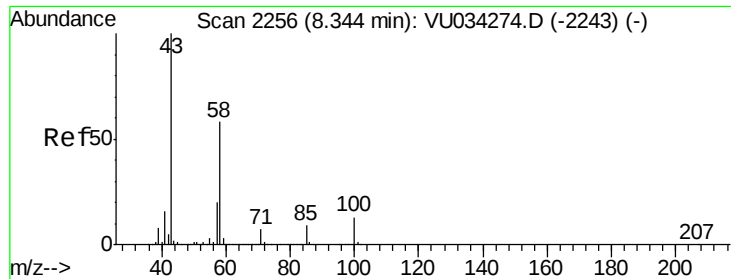
63 100

106 26.8 21.6 32.4



Abundance Ion 62.90 (62.60 to 63.60): VU034429.D (-1779) (-)

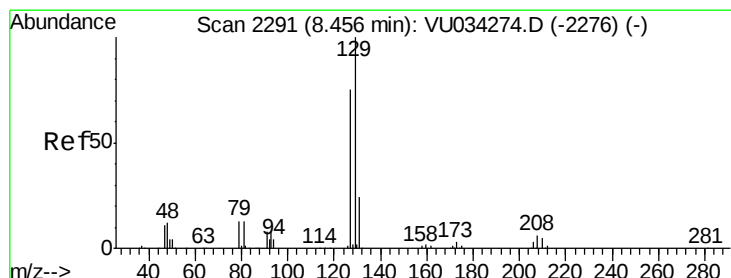
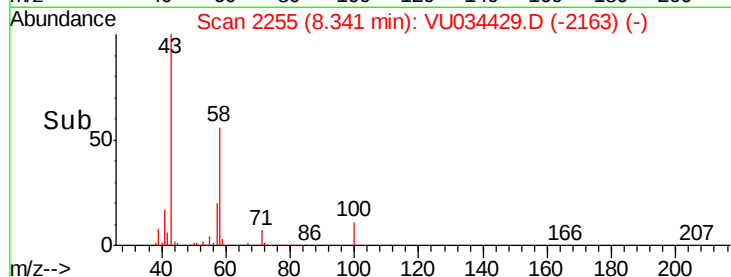
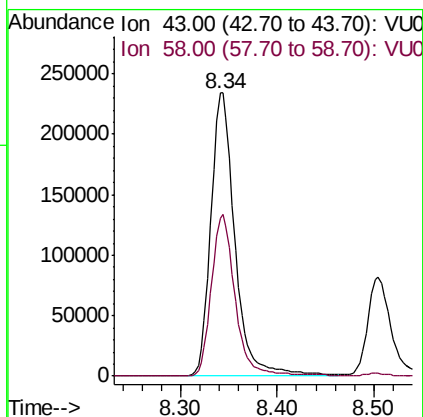
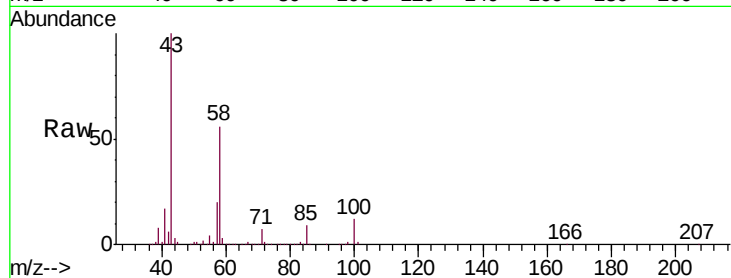




#59
2-Hexanone
Concen: 95.900 ug/l
RT: 8.34 min Scan# 2255
Delta R.T. -0.00 min
Lab File: VU034429.D
Acq: 09 Sep 2019 13:36

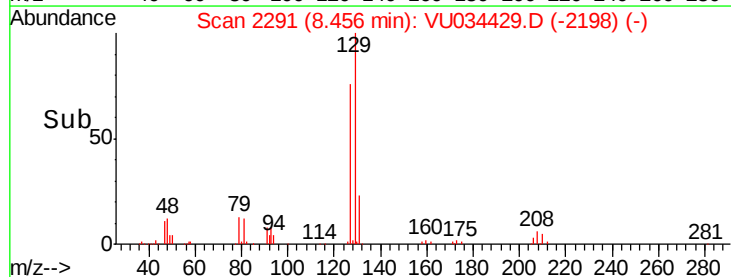
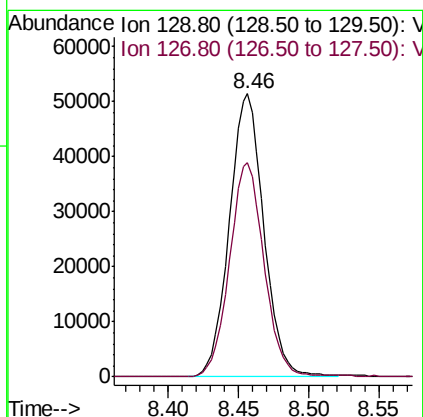
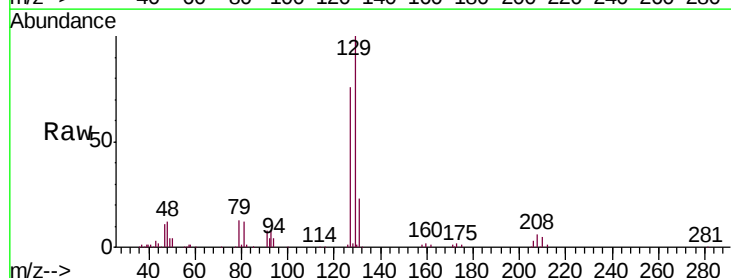
Instrument :
MSVOA_U
ClientSampleId :
VU0909WBSD01

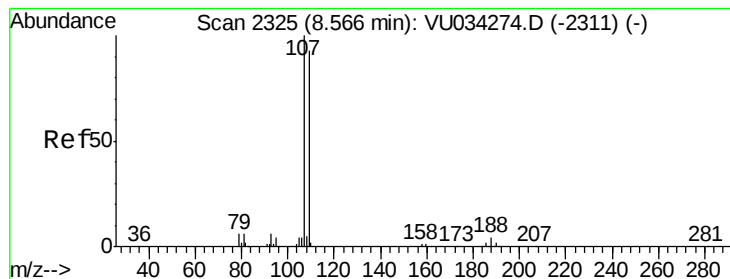
Tgt Ion: 43 Resp: 400520
Ion Ratio Lower Upper
43 100
58 57.3 28.8 86.5



#60
Dibromochloromethane
Concen: 20.355 ug/l
RT: 8.46 min Scan# 2291
Delta R.T. 0.00 min
Lab File: VU034429.D
Acq: 09 Sep 2019 13:36

Tgt Ion: 129 Resp: 87869
Ion Ratio Lower Upper
129 100
127 76.2 37.9 113.7





#61

1,2-Dibromoethane

Concen: 20.037 ug/l

RT: 8.57 min Scan# 2325

Delta R.T. 0.00 min

Lab File: VU034429.D

Acq: 09 Sep 2019 13:36

Instrument :

MSVOA_U

ClientSampleId :

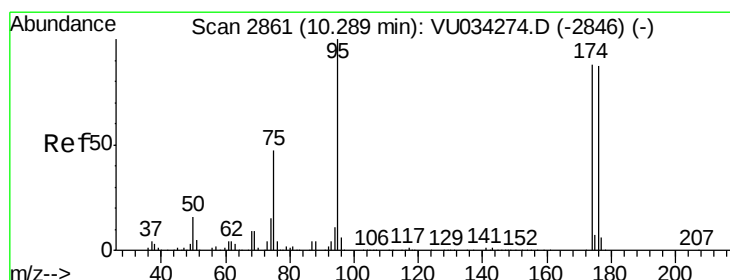
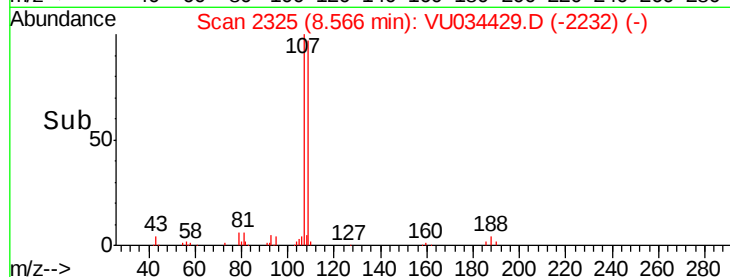
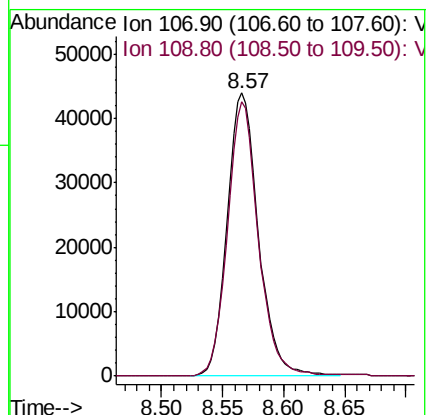
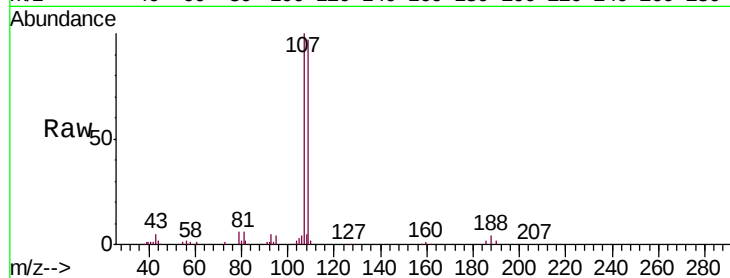
VU0909WBSD01

Tgt Ion: 107 Resp: 78931

Ion Ratio Lower Upper

107 100

109 95.3 75.0 112.6



#62

4-Bromofluorobenzene

Concen: 48.388 ug/l

RT: 10.29 min Scan# 2860

Delta R.T. -0.00 min

Lab File: VU034429.D

Acq: 09 Sep 2019 13:36

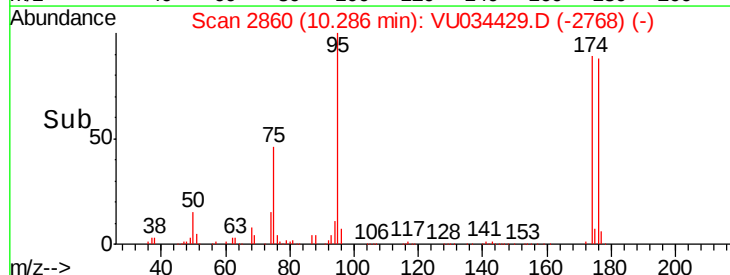
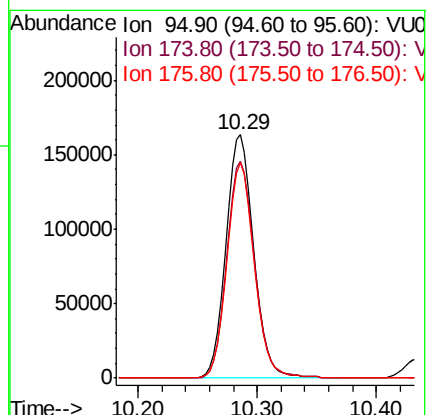
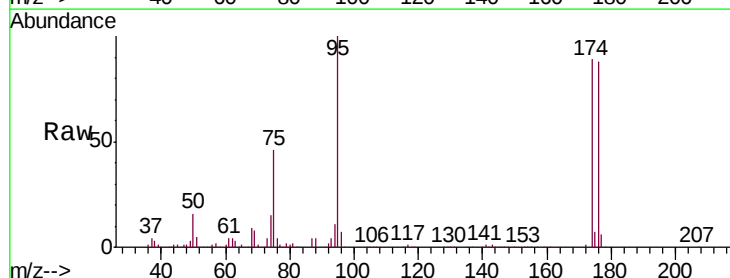
Tgt Ion: 95 Resp: 263709

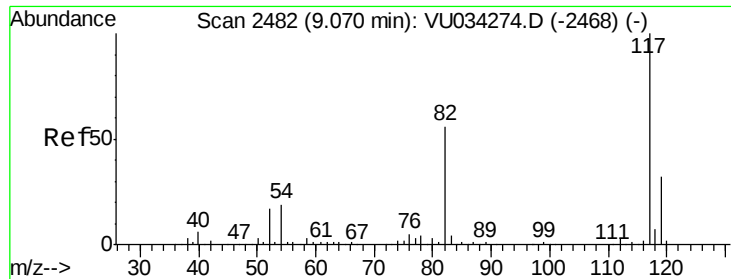
Ion Ratio Lower Upper

95 100

174 90.1 0.0 175.2

176 87.4 0.0 168.0

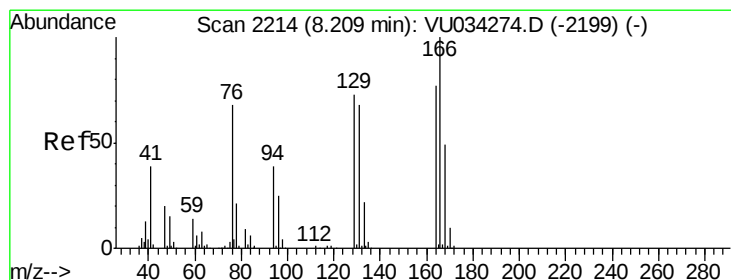
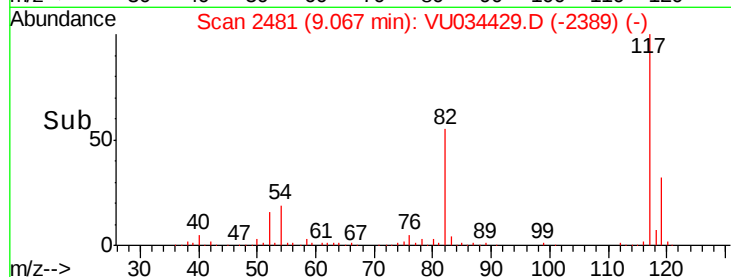
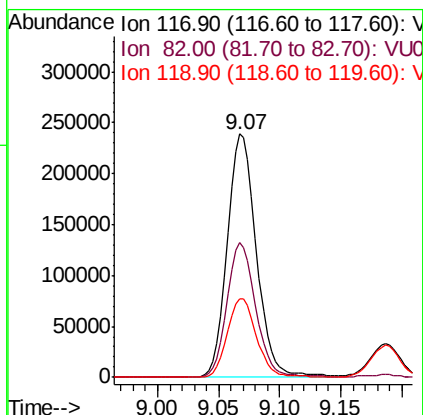
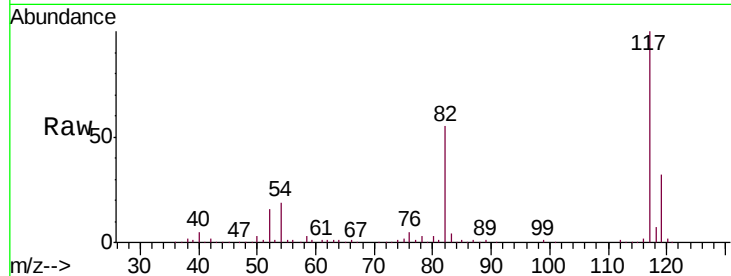




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2481
Delta R.T. -0.00 min
Lab File: VU034429.D
Acq: 09 Sep 2019 13:36

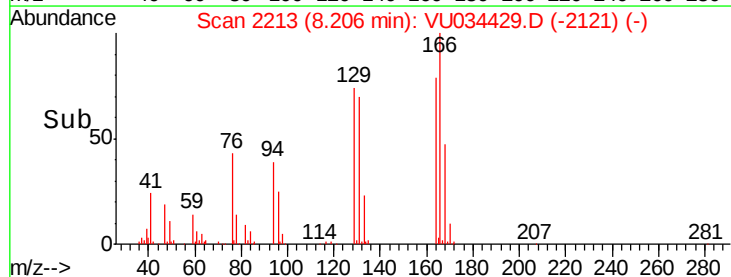
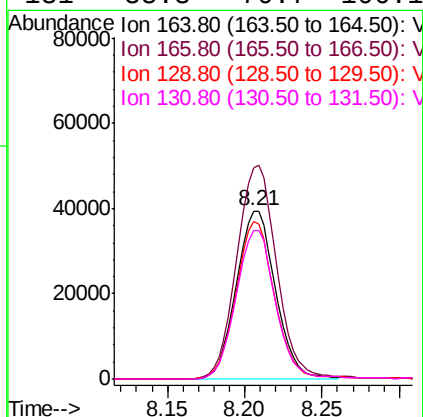
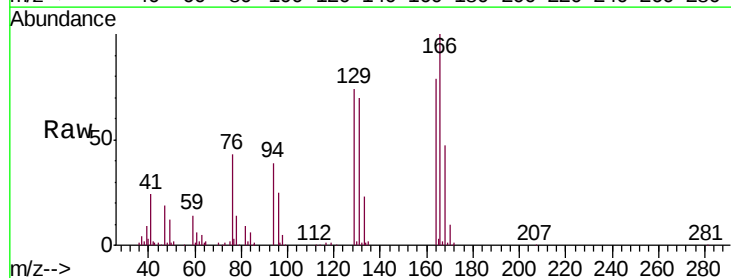
Instrument :
MSVOA_U
ClientSampleId :
VU0909WBSD01

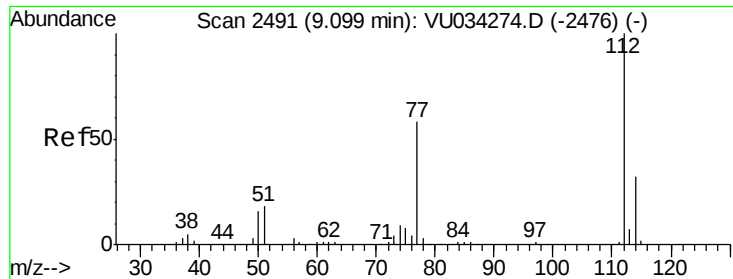
Tgt Ion:117 Resp: 400575
Ion Ratio Lower Upper
117 100
82 55.2 44.6 67.0
119 32.3 25.9 38.9



#64
Tetrachloroethene
Concen: 20.000 ug/l
RT: 8.21 min Scan# 2213
Delta R.T. -0.00 min
Lab File: VU034429.D
Acq: 09 Sep 2019 13:36

Tgt Ion:164 Resp: 69503
Ion Ratio Lower Upper
164 100
166 126.3 103.7 155.5
129 93.8 75.8 113.8
131 88.3 70.7 106.1

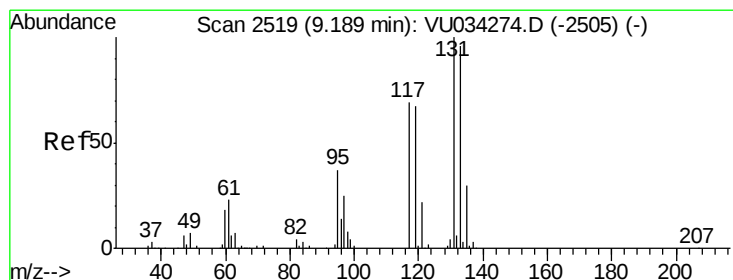
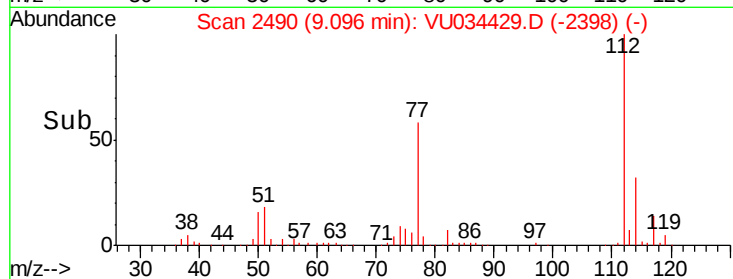
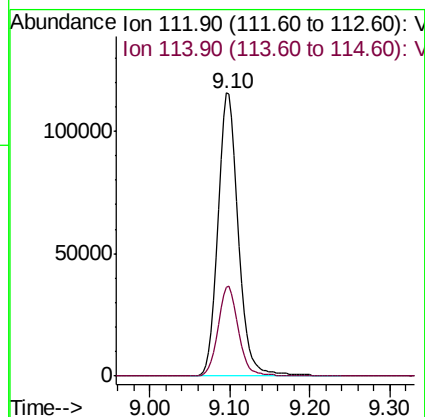
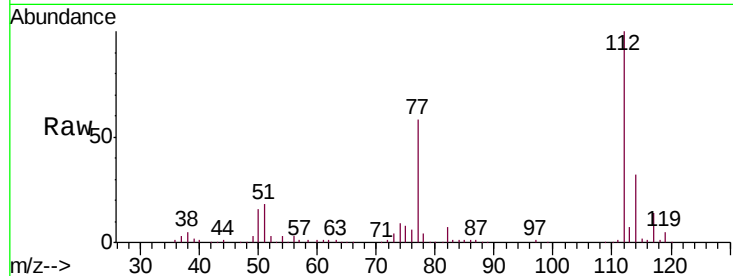




#65
Chlorobenzene
Concen: 20.205 ug/l
RT: 9.10 min Scan# 2490
Delta R.T. -0.00 min
Lab File: VU034429.D
Acq: 09 Sep 2019 13:36

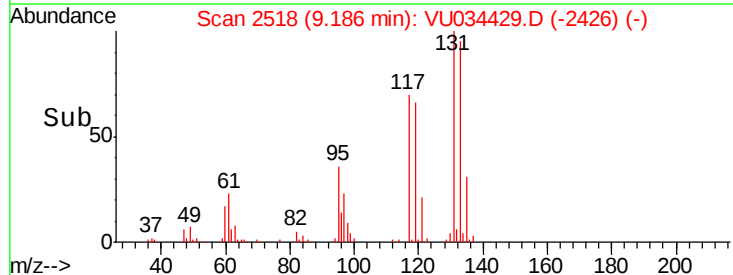
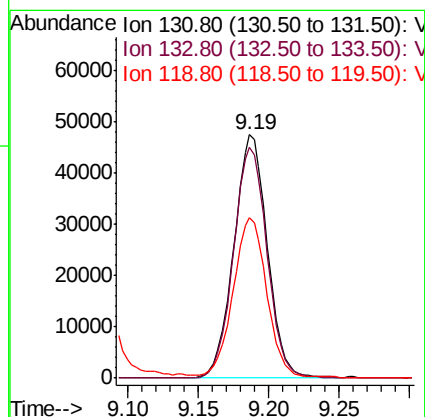
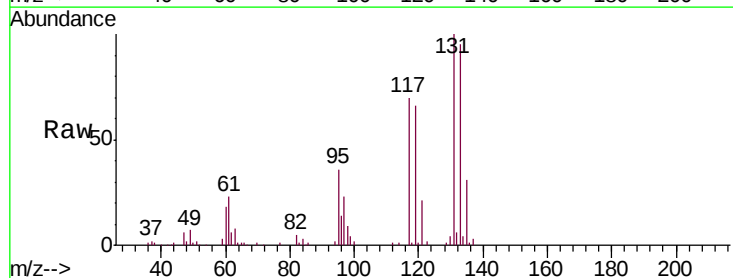
Instrument :
MSVOA_U
ClientSampleId :
VU0909WBSD01

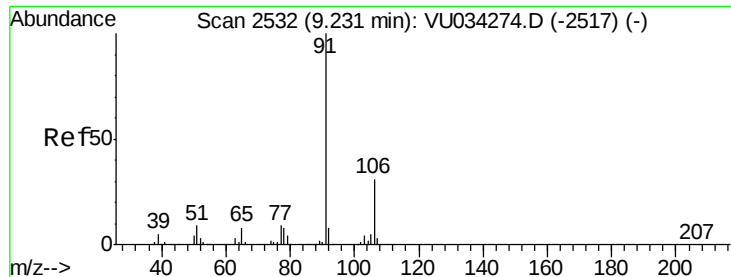
Tgt Ion:112 Resp: 205342
Ion Ratio Lower Upper
112 100
114 31.5 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 20.341 ug/l
RT: 9.19 min Scan# 2518
Delta R.T. -0.00 min
Lab File: VU034429.D
Acq: 09 Sep 2019 13:36

Tgt Ion:131 Resp: 78891
Ion Ratio Lower Upper
131 100
133 94.8 47.9 143.7
119 67.0 33.1 99.5





#67

Ethyl Benzene

Concen: 19.524 ug/l

RT: 9.23 min Scan# 2531

Delta R.T. -0.00 min

Lab File: VU034429.D

Acq: 09 Sep 2019 13:36

Instrument :

MSVOA_U

ClientSampleId :

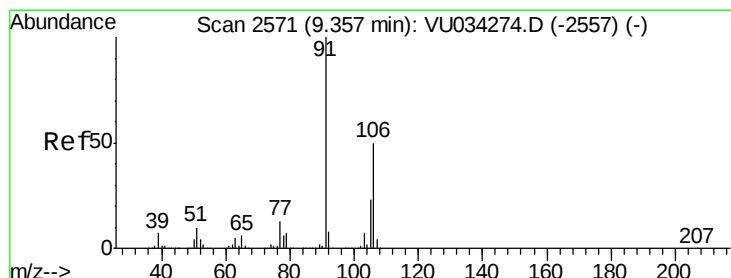
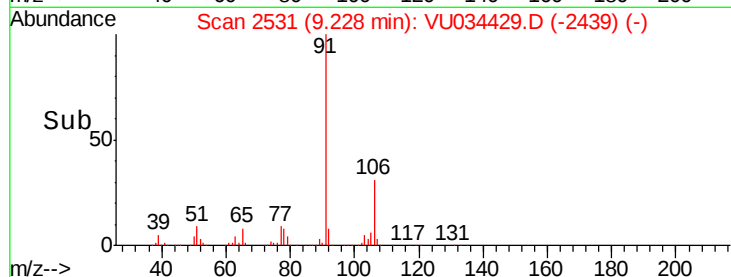
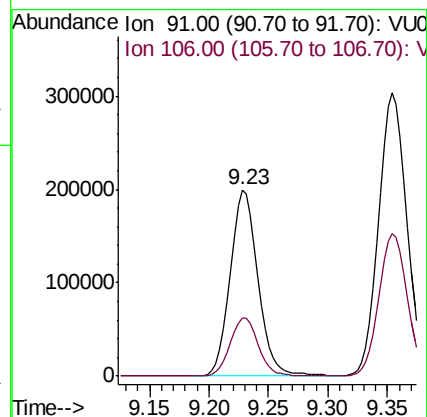
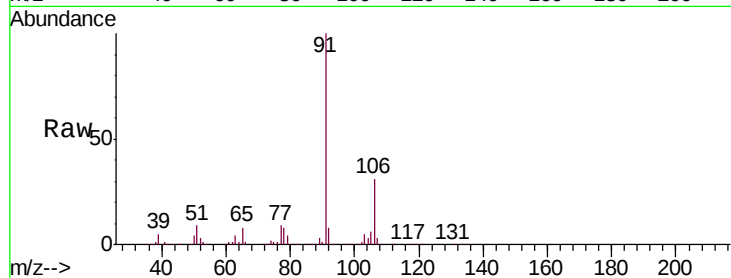
VU0909WBSD01

Tgt Ion: 91 Resp: 324428

Ion Ratio Lower Upper

91 100

106 31.2 24.8 37.2



#68

m/p-Xylenes

Concen: 41.254 ug/l

RT: 9.35 min Scan# 2570

Delta R.T. -0.00 min

Lab File: VU034429.D

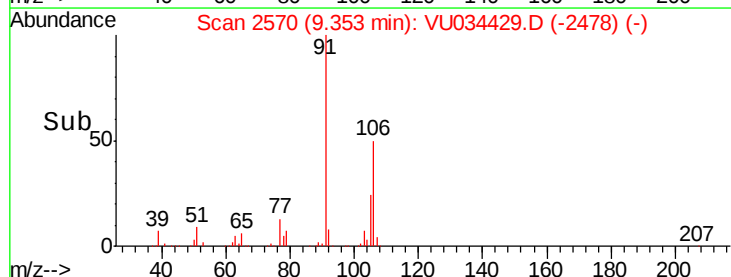
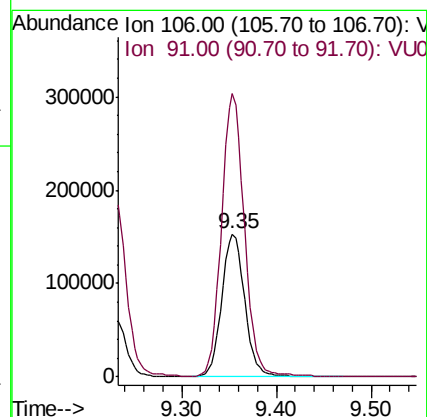
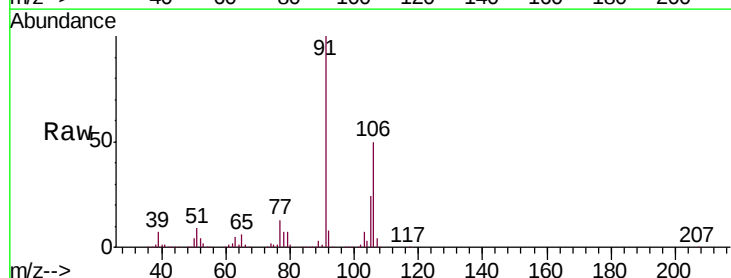
Acq: 09 Sep 2019 13:36

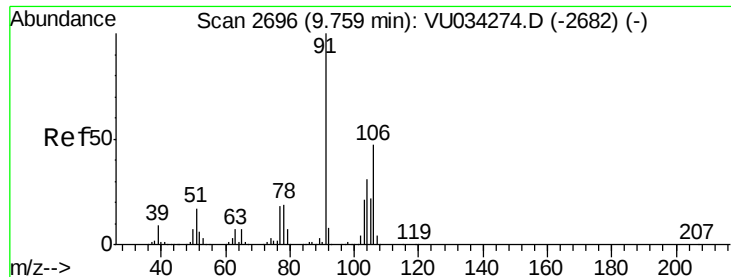
Tgt Ion: 106 Resp: 258133

Ion Ratio Lower Upper

106 100

91 197.3 160.1 240.1

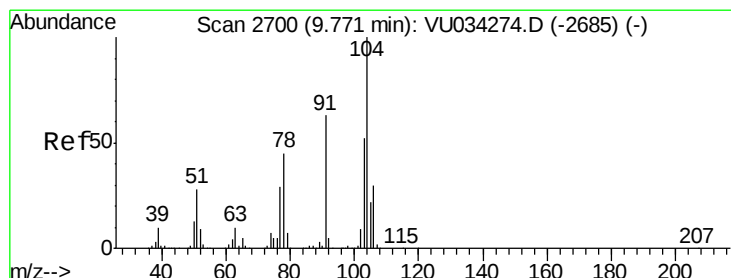
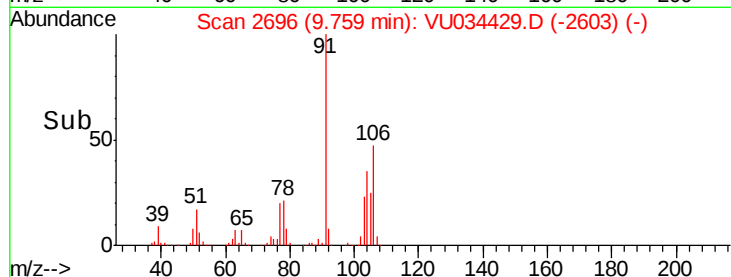
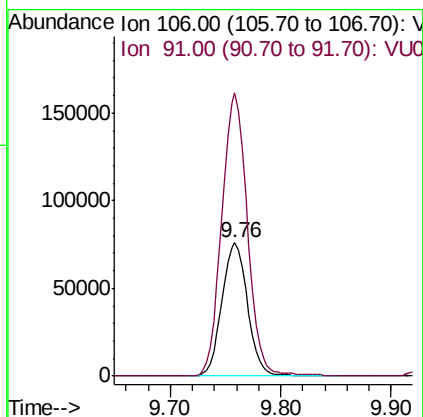
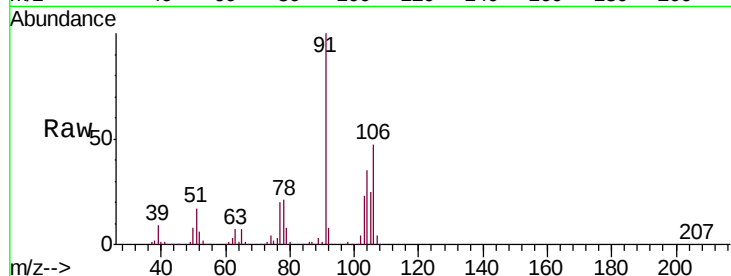




#69
o-Xylene
Concen: 20.083 ug/l
RT: 9.76 min Scan# 2696
Delta R.T. 0.00 min
Lab File: VU034429.D
Acq: 09 Sep 2019 13:36

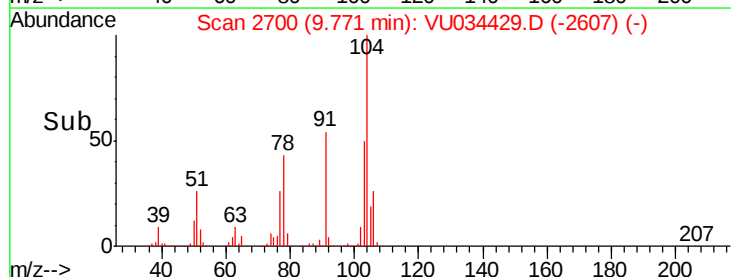
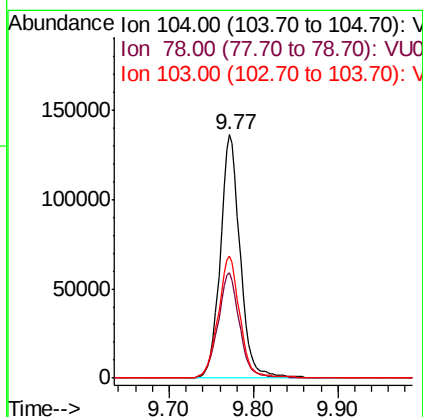
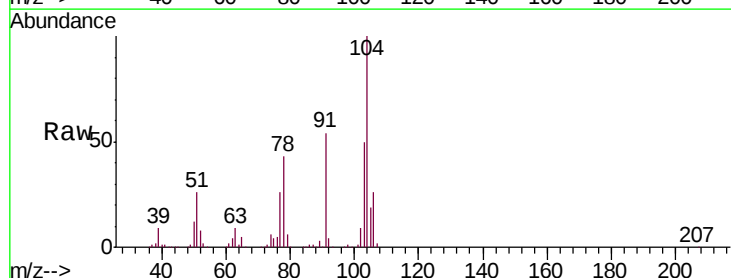
Instrument :
MSVOA_U
ClientSampleId :
VU0909WBSD01

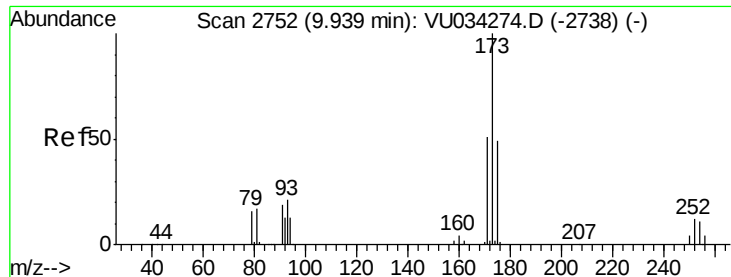
Tgt Ion:106 Resp: 122892
Ion Ratio Lower Upper
106 100
91 212.7 105.1 315.3



#70
Styrene
Concen: 20.814 ug/l
RT: 9.77 min Scan# 2700
Delta R.T. 0.00 min
Lab File: VU034429.D
Acq: 09 Sep 2019 13:36

Tgt Ion:104 Resp: 223308
Ion Ratio Lower Upper
104 100
78 47.1 38.6 57.8
103 54.5 44.2 66.4





#71

Bromoform

Concen: 20.278 ug/l

RT: 9.94 min Scan# 2751

Delta R.T. -0.00 min

Lab File: VU034429.D

Acq: 09 Sep 2019 13:36

Instrument :

MSVOA_U

ClientSampleId :

VU0909WBSD01

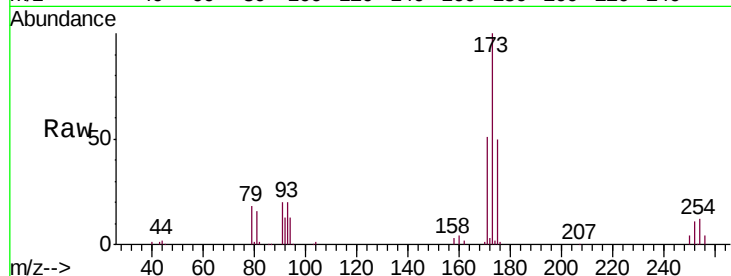
Tgt Ion:173 Resp: 68161

Ion Ratio Lower Upper

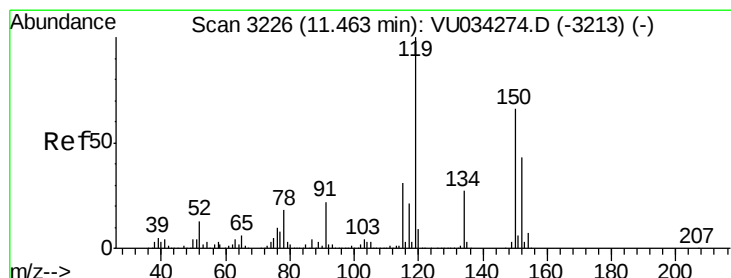
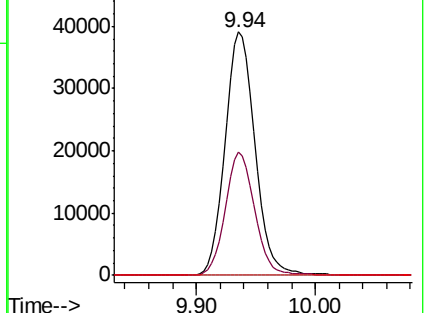
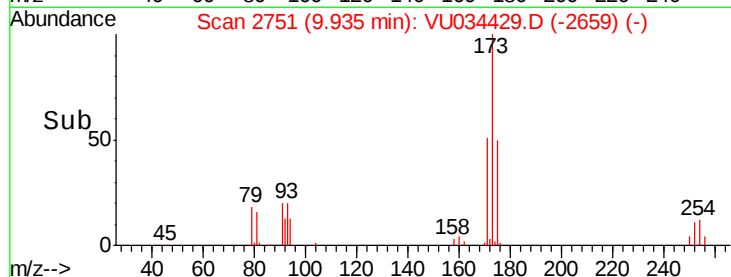
173 100

175 49.5 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# 3225

Delta R.T. -0.00 min

Lab File: VU034429.D

Acq: 09 Sep 2019 13:36

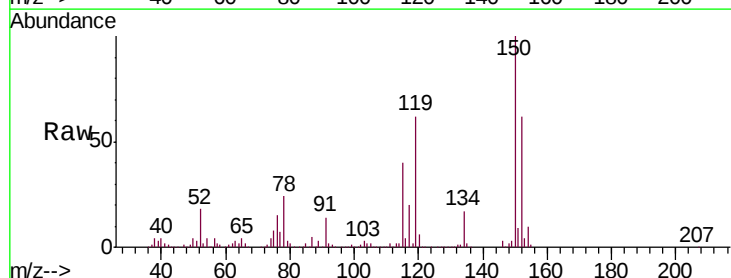
Tgt Ion:152 Resp: 269447

Ion Ratio Lower Upper

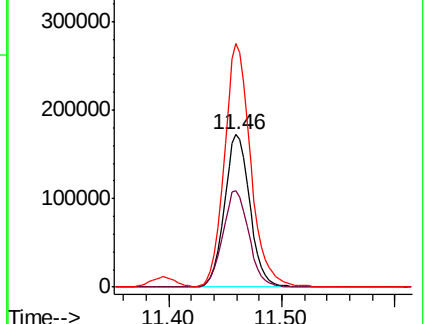
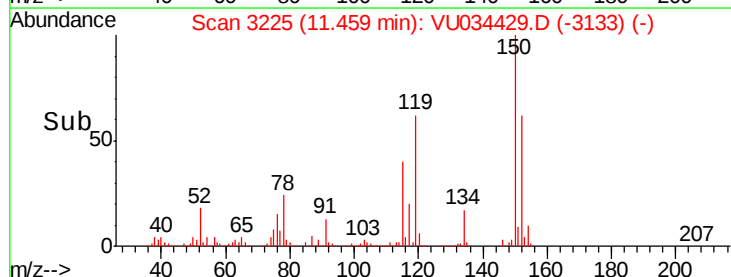
152 100

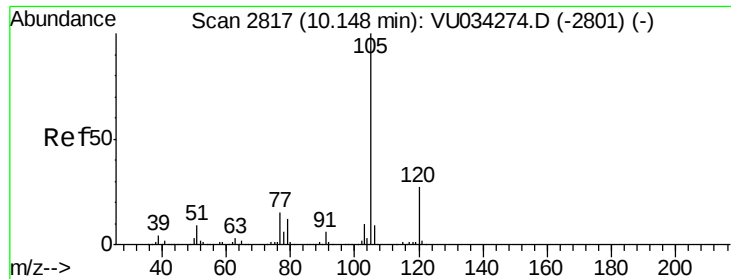
115 65.1 39.1 117.3

150 163.8 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: 19.501 ug/l

RT: 10.14 min Scan# 2816

Delta R.T. -0.00 min

Lab File: VU034429.D

Acq: 09 Sep 2019 13:36

Instrument :

MSVOA_U

ClientSampleId :

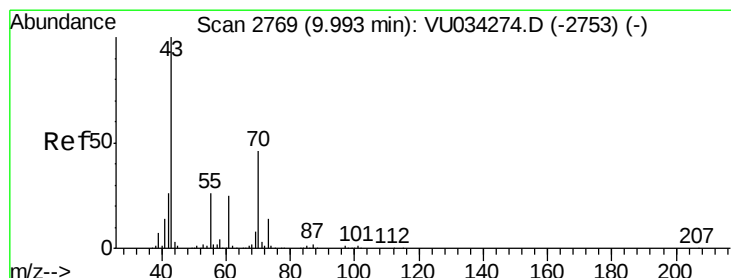
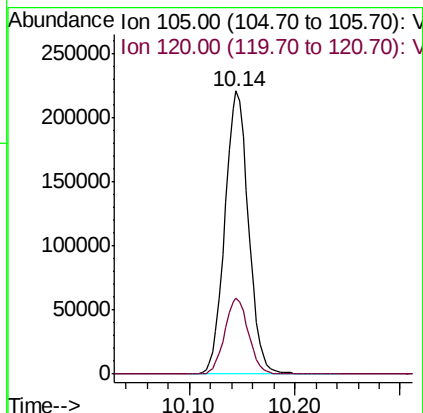
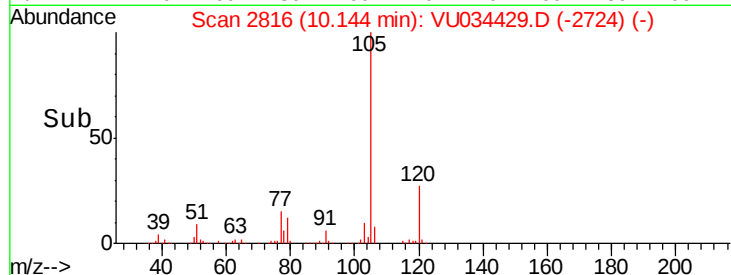
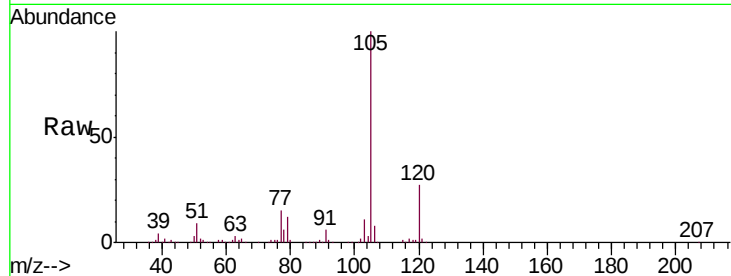
VU0909WBSD01

Tgt Ion: 105 Resp: 341943

Ion Ratio Lower Upper

105 100

120 27.0 13.4 40.2



#74

N-ethyl acetate

Concen: 18.504 ug/l

RT: 9.99 min Scan# 2769

Delta R.T. 0.00 min

Lab File: VU034429.D

Acq: 09 Sep 2019 13:36

Tgt Ion: 43 Resp: 130608

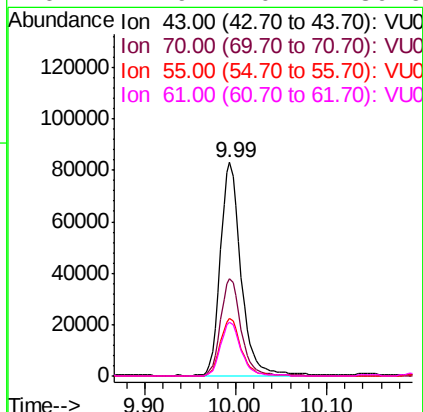
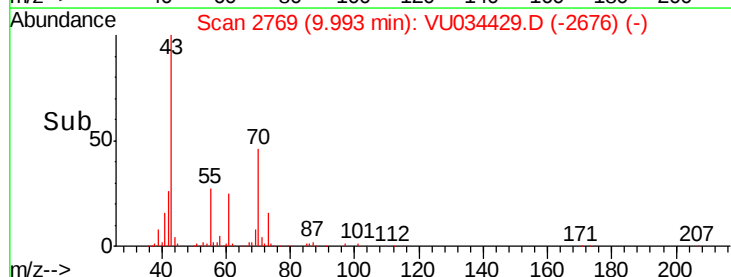
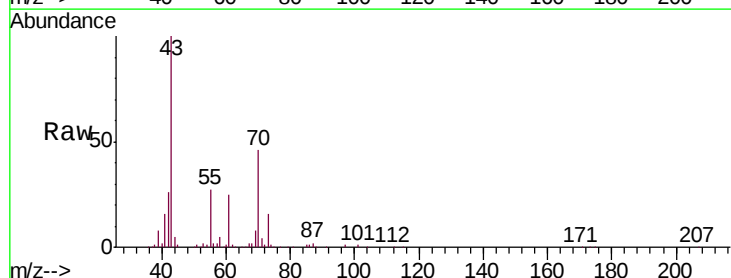
Ion Ratio Lower Upper

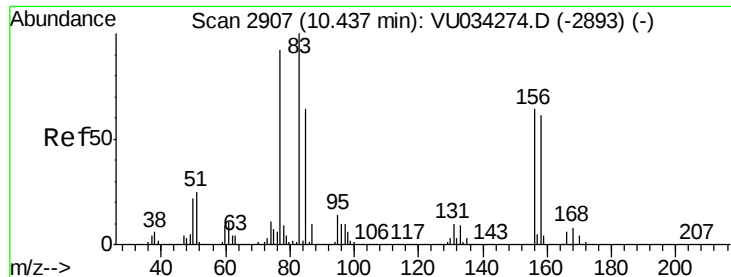
43 100

70 45.7 36.4 54.6

55 27.7 21.2 31.8

61 24.9 20.4 30.6





#75

1,1,2,2-Tetrachloroethane

Concen: 19.619 ug/l

RT: 10.43 min Scan# 2906

Delta R.T. -0.00 min

Lab File: VU034429.D

Acq: 09 Sep 2019 13:36

Instrument :

MSVOA_U

ClientSampleId :

VU0909WBSD01

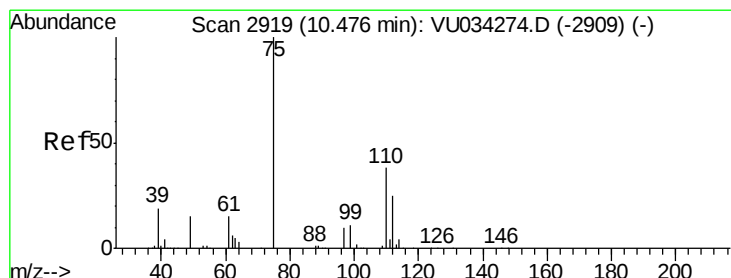
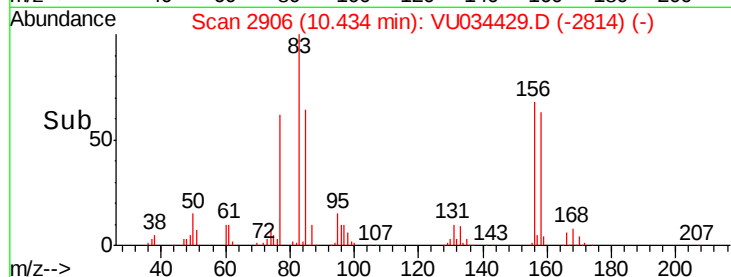
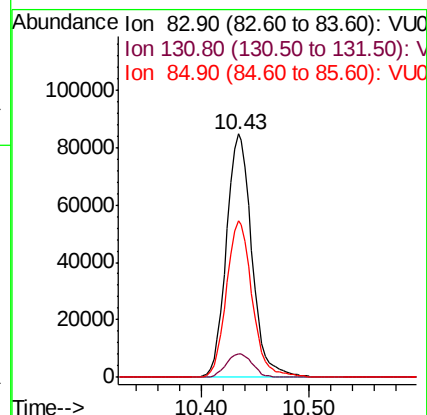
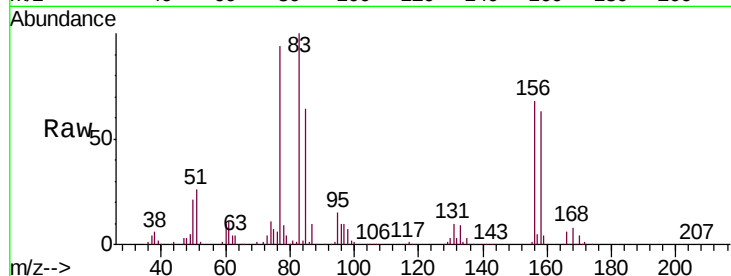
Tgt Ion: 83 Resp: 139252

Ion Ratio Lower Upper

83 100

131 10.0 5.1 15.2

85 65.1 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 24.902 ug/l

RT: 10.47 min Scan# 2918

Delta R.T. -0.00 min

Lab File: VU034429.D

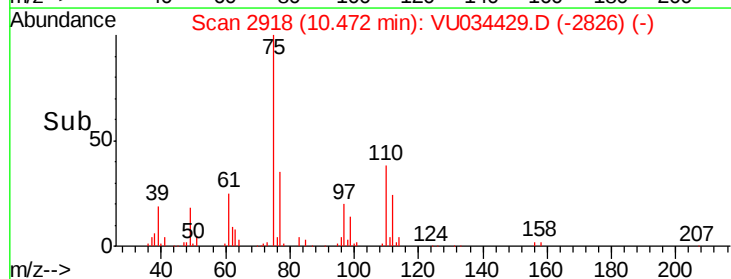
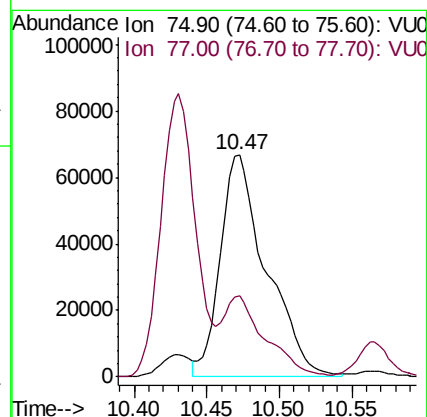
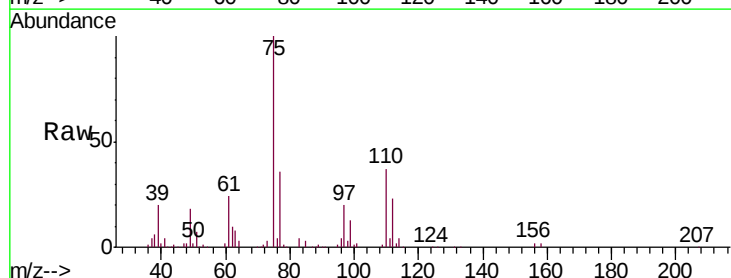
Acq: 09 Sep 2019 13:36

Tgt Ion: 75 Resp: 146463

Ion Ratio Lower Upper

75 100

77 33.1 20.8 62.2





#77

Bromobenzene

Concen: 20.130 ug/l

RT: 10.43 min Scan# 2905

Delta R.T. -0.00 min

Lab File: VU034429.D

Acq: 09 Sep 2019 13:36

Instrument :

MSVOA_U

ClientSampleId :

VU0909WBSD01

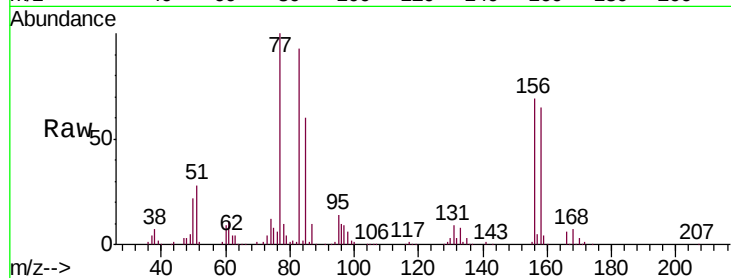
Tgt Ion:156 Resp: 98698

Ion Ratio Lower Upper

156 100

77 144.2 75.6 226.9

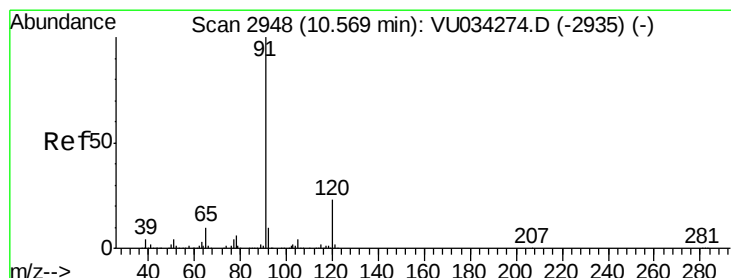
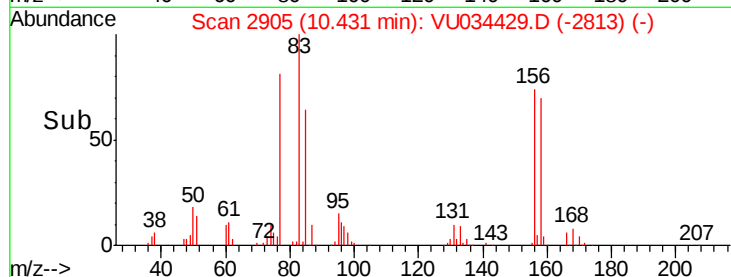
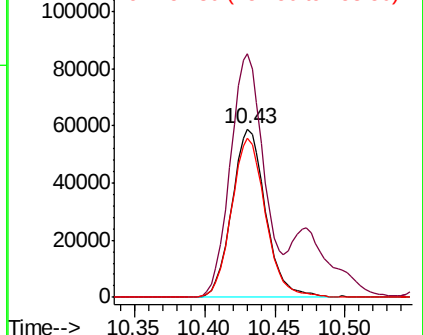
158 95.9 48.2 144.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VU0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.418 ug/l

RT: 10.57 min Scan# 2947

Delta R.T. -0.00 min

Lab File: VU034429.D

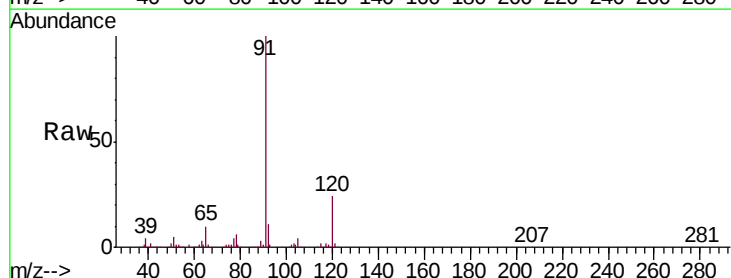
Acq: 09 Sep 2019 13:36

Tgt Ion: 91 Resp: 393230

Ion Ratio Lower Upper

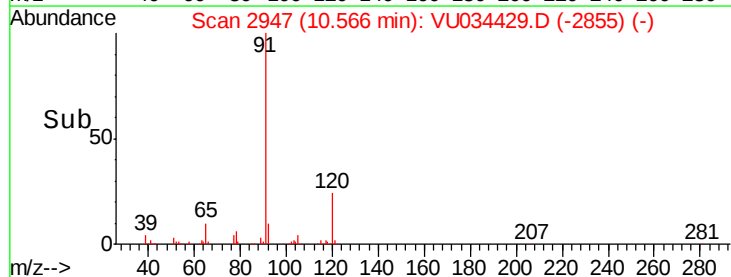
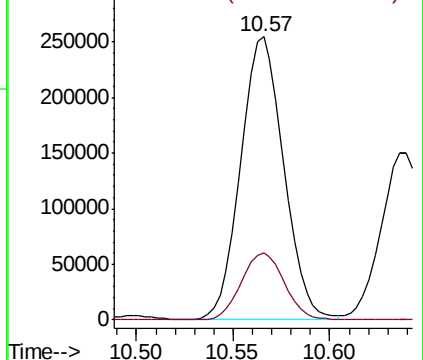
91 100

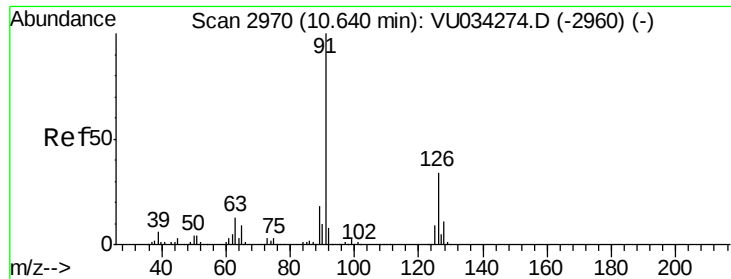
120 24.0 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.670 ug/l

RT: 10.64 min Scan# 2969

Delta R.T. -0.00 min

Lab File: VU034429.D

Acq: 09 Sep 2019 13:36

Instrument :

MSVOA_U

ClientSampleId :

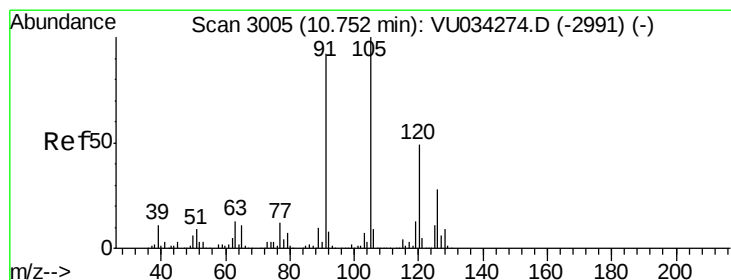
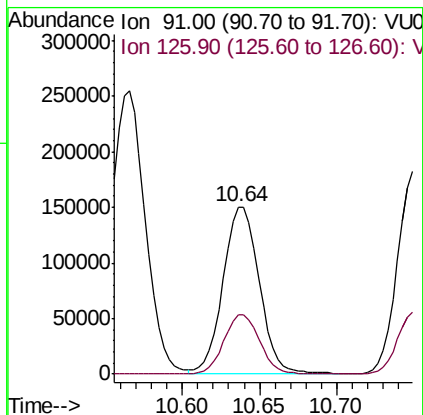
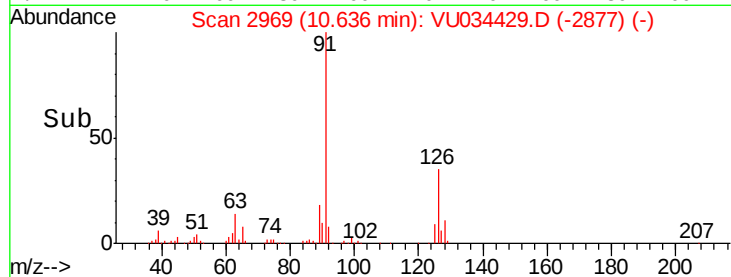
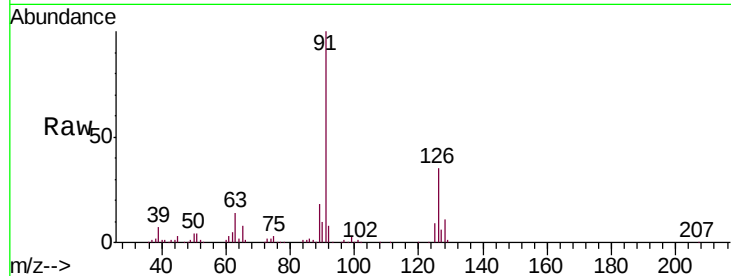
VU0909WBSD01

Tgt Ion: 91 Resp: 243057

Ion Ratio Lower Upper

91 100

126 35.5 17.3 51.9



#80

1,3,5-Trimethylbenzene

Concen: 20.443 ug/l

RT: 10.75 min Scan# 3004

Delta R.T. -0.00 min

Lab File: VU034429.D

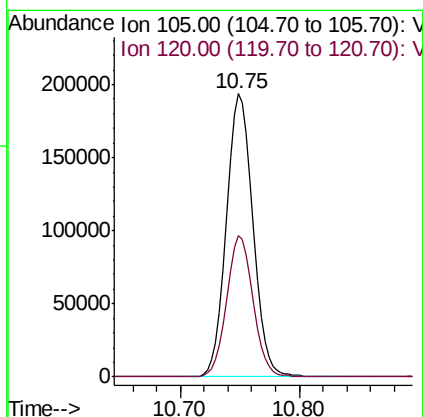
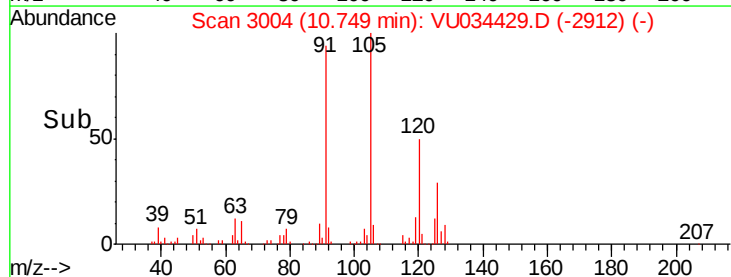
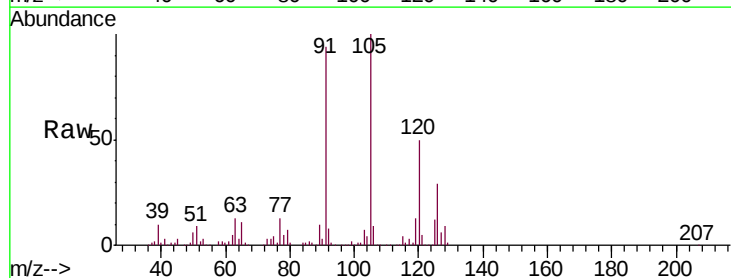
Acq: 09 Sep 2019 13:36

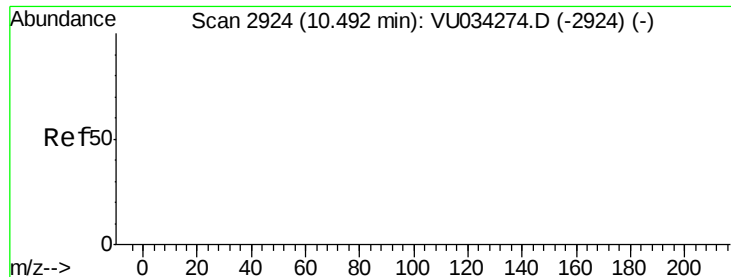
Tgt Ion: 105 Resp: 299793

Ion Ratio Lower Upper

105 100

120 49.7 24.9 74.7





#81

trans-1,4-Dichloro-2-butene

Concen: 83.744 ug/l

RT: 10.47 min Scan# 2918

Delta R.T. -0.02 min

Lab File: VU034429.D

Acq: 09 Sep 2019 13:36

Instrument :

MSVOA_U

ClientSampleId :

VU0909WBSD01

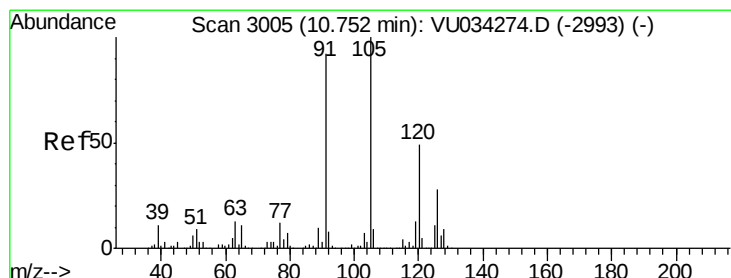
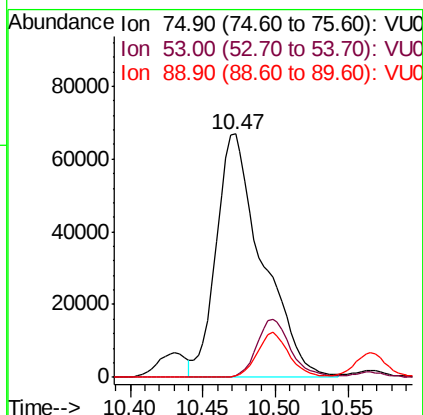
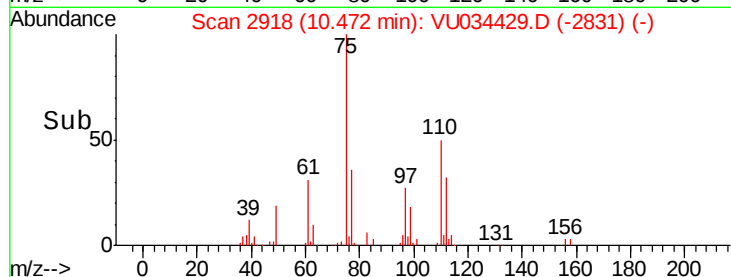
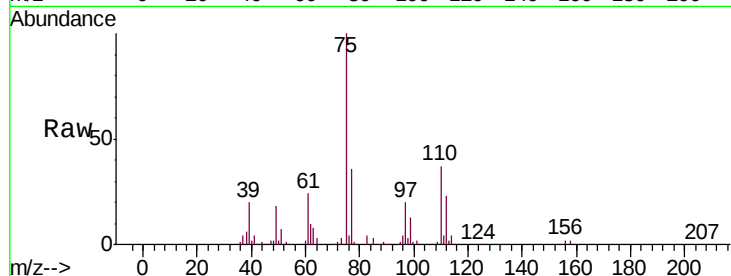
Tgt Ion: 75 Resp: 146463

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

89 0.0 0.0 0.0



#82

4-Chlorotoluene

Concen: 19.828 ug/l

RT: 10.75 min Scan# 3004

Delta R.T. -0.00 min

Lab File: VU034429.D

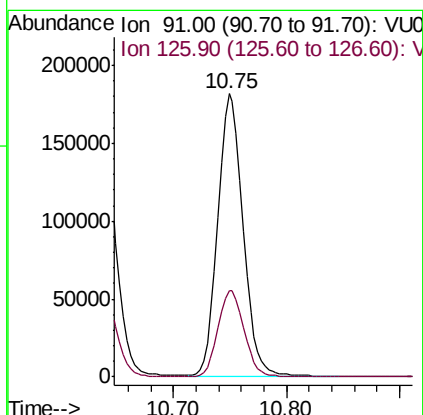
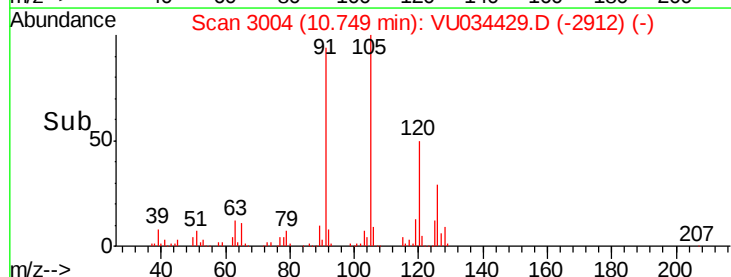
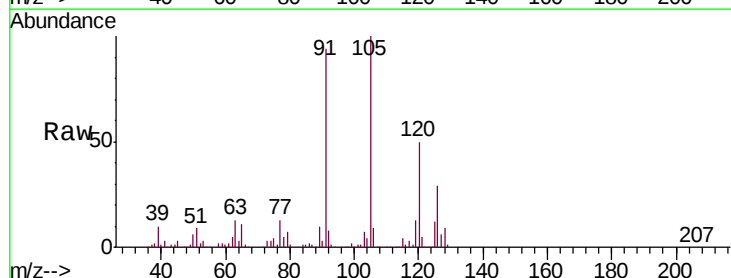
Acq: 09 Sep 2019 13:36

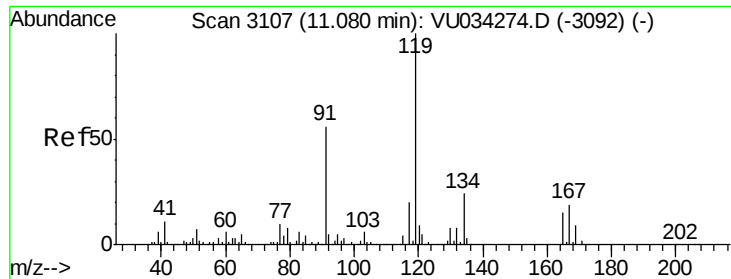
Tgt Ion: 91 Resp: 281949

Ion Ratio Lower Upper

91 100

126 31.4 15.3 45.8

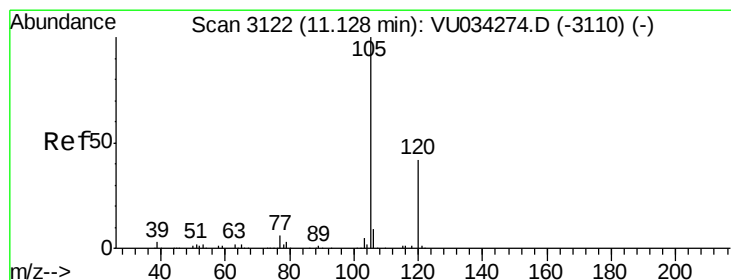
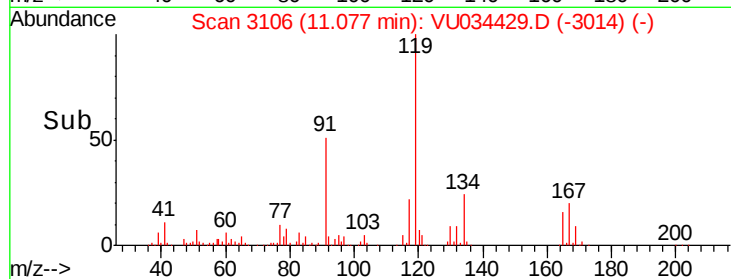
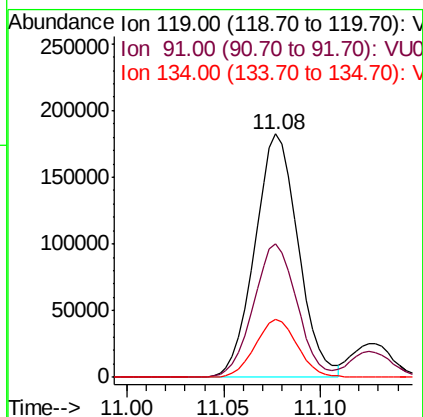
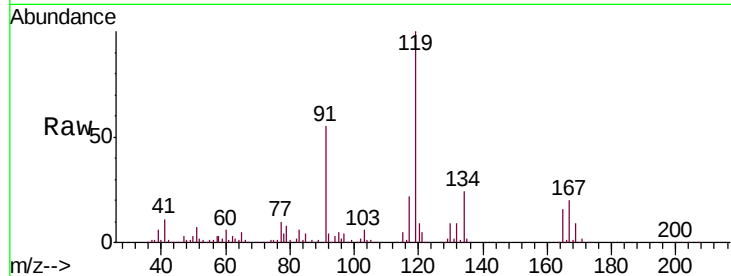




#83
 tert-Butylbenzene
 Concen: 19.456 ug/l
 RT: 11.08 min Scan# 3106
 Delta R.T. -0.00 min
 Lab File: VU034429.D
 Acq: 09 Sep 2019 13:36

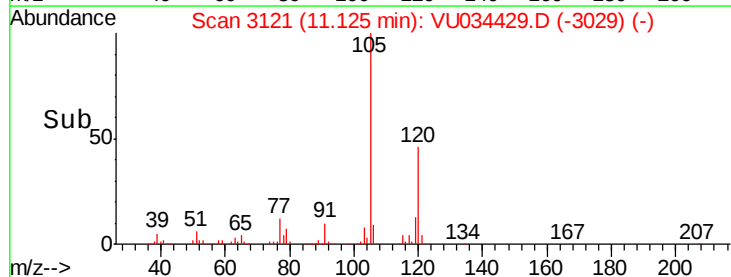
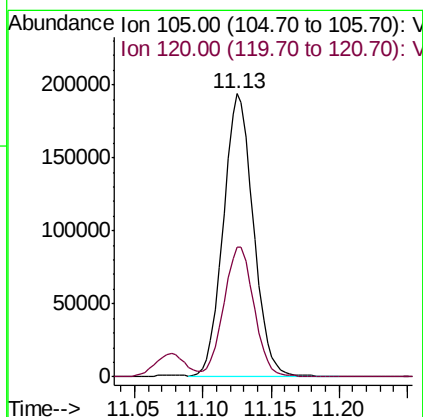
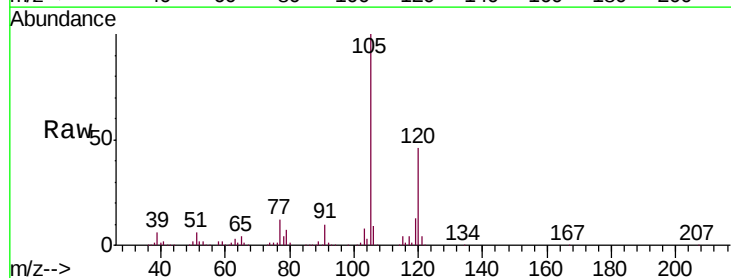
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0909WBSD01

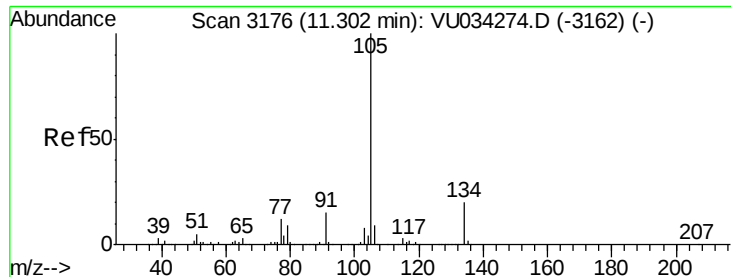
Tgt Ion:119 Resp: 285442
 Ion Ratio Lower Upper
 119 100
 91 54.6 27.8 83.4
 134 23.3 11.7 35.0



#84
 1,2,4-Trimethylbenzene
 Concen: 19.952 ug/l
 RT: 11.13 min Scan# 3121
 Delta R.T. -0.00 min
 Lab File: VU034429.D
 Acq: 09 Sep 2019 13:36

Tgt Ion:105 Resp: 294529
 Ion Ratio Lower Upper
 105 100
 120 46.5 22.9 68.8

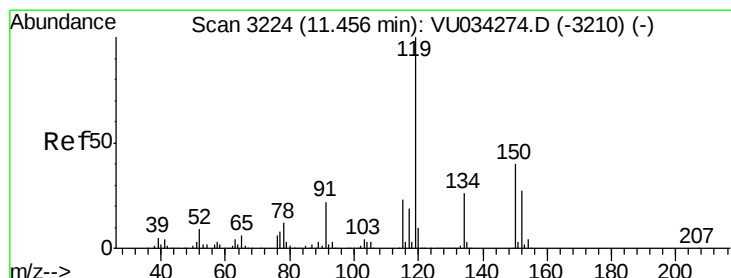
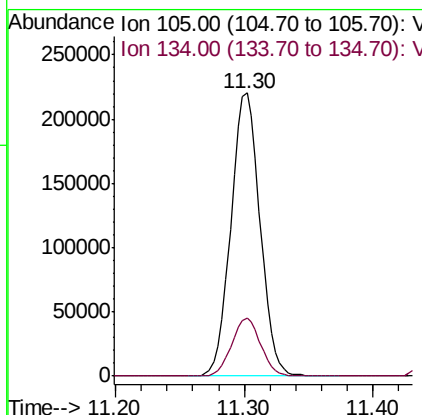
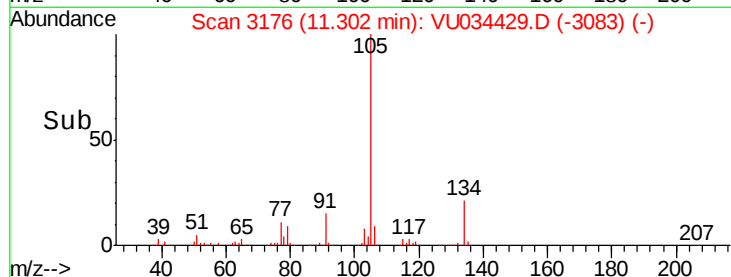
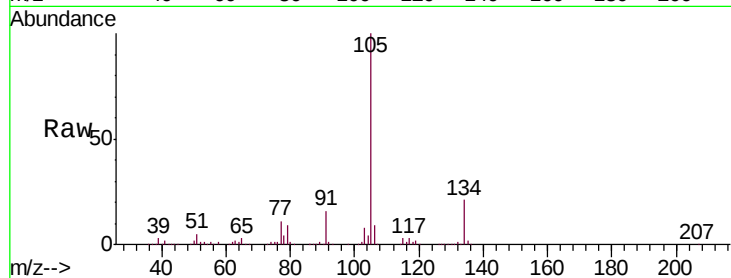




#85
 sec-Butylbenzene
 Concen: 19.857 ug/l
 RT: 11.30 min Scan# 3176
 Delta R.T. 0.00 min
 Lab File: VU034429.D
 Acq: 09 Sep 2019 13:36

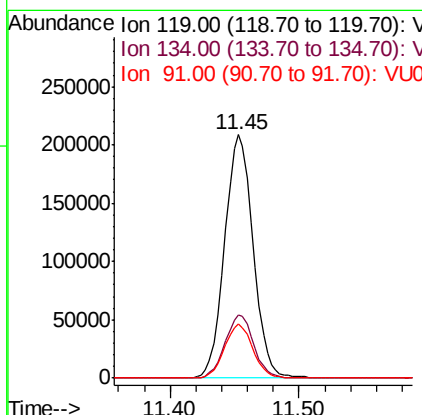
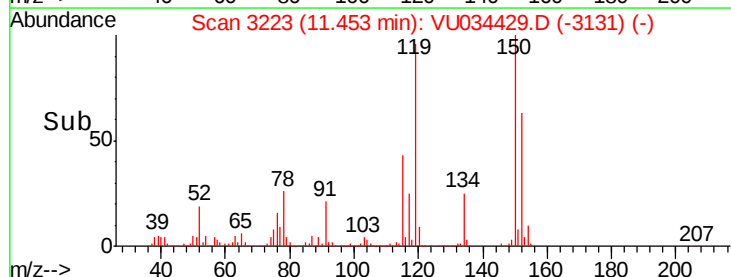
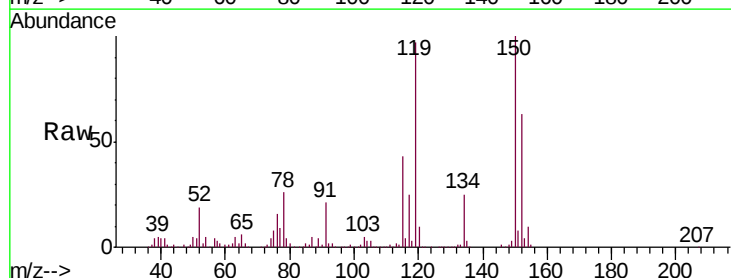
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0909WBSD01

Tgt Ion:105 Resp: 343919
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.1 30.3



#86
 p-Isopropyltoluene
 Concen: 19.860 ug/l
 RT: 11.45 min Scan# 3223
 Delta R.T. -0.00 min
 Lab File: VU034429.D
 Acq: 09 Sep 2019 13:36

Tgt Ion:119 Resp: 317486
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.3 39.8
 91 22.1 11.2 33.6

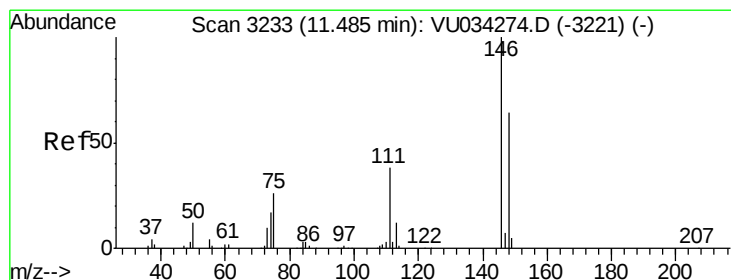
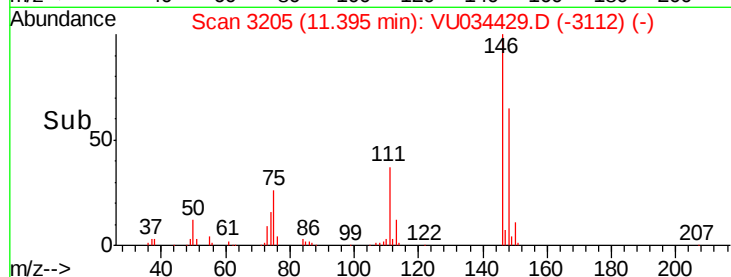
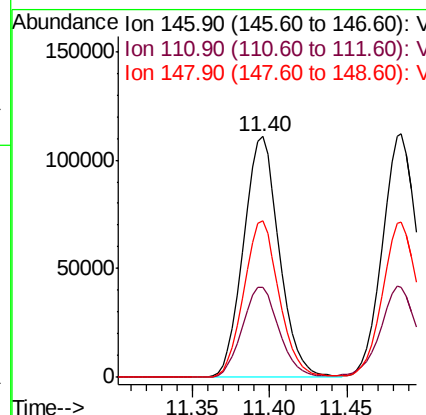
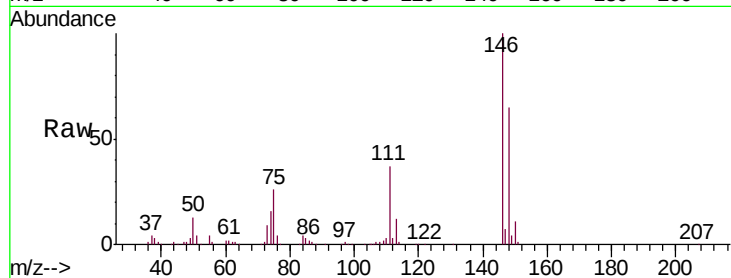




#87
 1,3-Dichlorobenzene
 Concen: 19.919 ug/l
 RT: 11.40 min Scan# 3205
 Delta R.T. 0.00 min
 Lab File: VU034429.D
 Acq: 09 Sep 2019 13:36

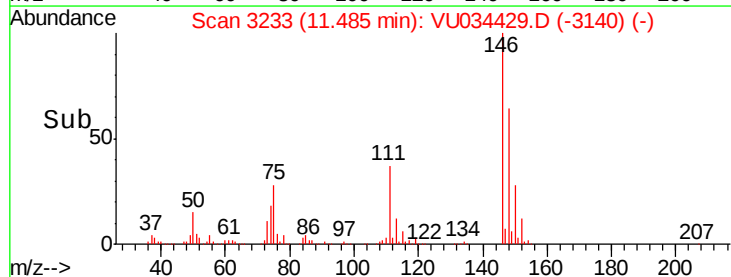
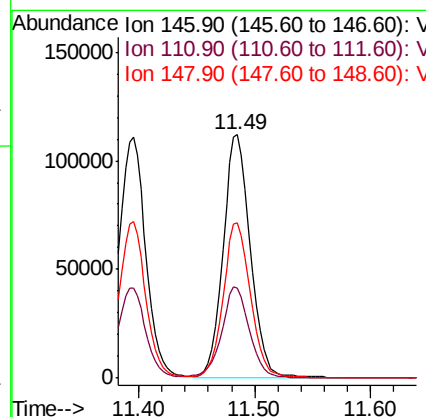
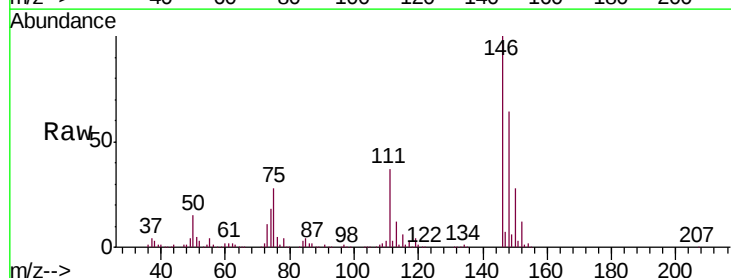
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0909WBSD01

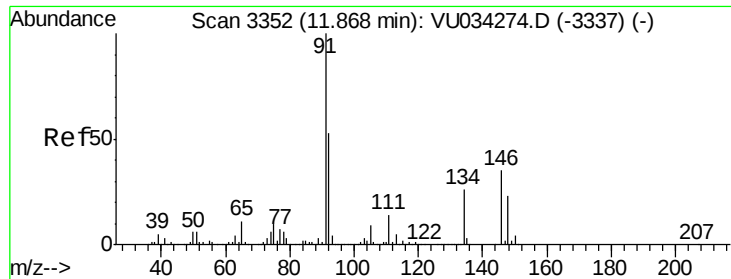
Tgt Ion:146 Resp: 178212
 Ion Ratio Lower Upper
 146 100
 111 38.4 19.5 58.5
 148 64.1 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 19.522 ug/l
 RT: 11.49 min Scan# 3233
 Delta R.T. 0.00 min
 Lab File: VU034429.D
 Acq: 09 Sep 2019 13:36

Tgt Ion:146 Resp: 182173
 Ion Ratio Lower Upper
 146 100
 111 38.5 19.1 57.3
 148 64.6 32.0 96.0





#89

n-Butylbenzene

Concen: 18.458 ug/l

RT: 11.87 min Scan# 3352

Delta R.T. 0.00 min

Lab File: VU034429.D

Acq: 09 Sep 2019 13:36

Instrument :

MSVOA_U

ClientSampleId :

VU0909WBSD01

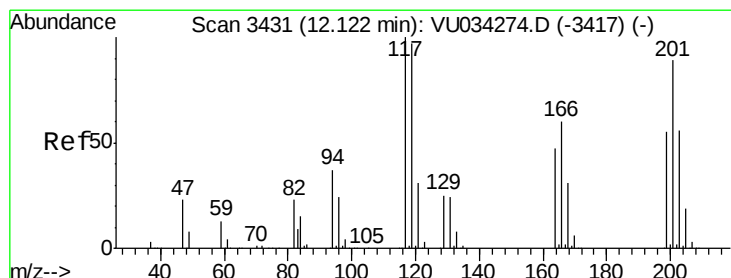
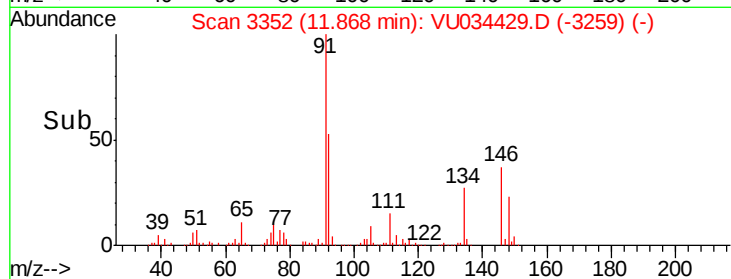
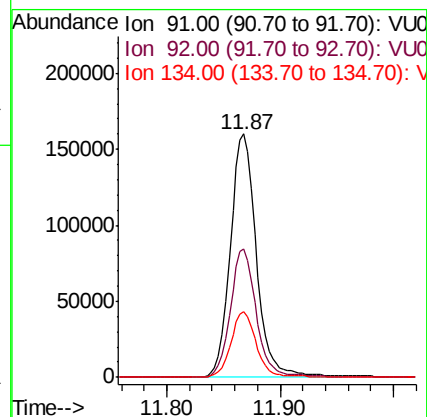
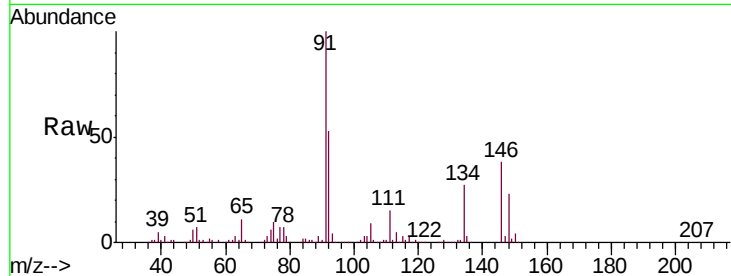
Tgt Ion: 91 Resp: 256427

Ion Ratio Lower Upper

91 100

92 52.6 26.5 79.4

134 26.6 13.2 39.6



#90

Hexachloroethane

Concen: 18.876 ug/l

RT: 12.12 min Scan# 3431

Delta R.T. 0.00 min

Lab File: VU034429.D

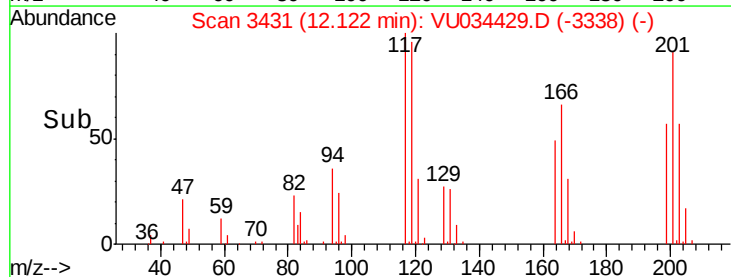
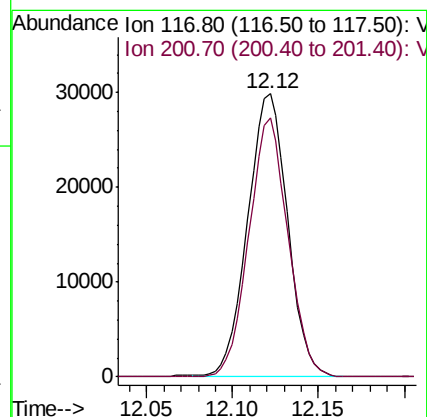
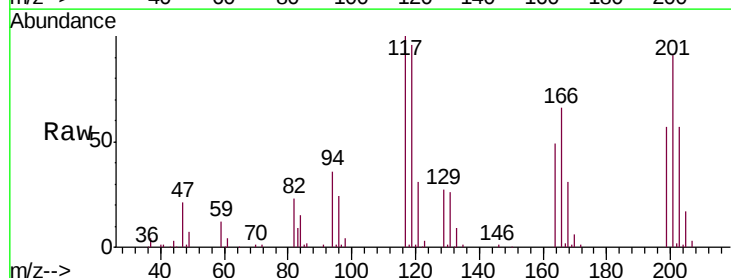
Acq: 09 Sep 2019 13:36

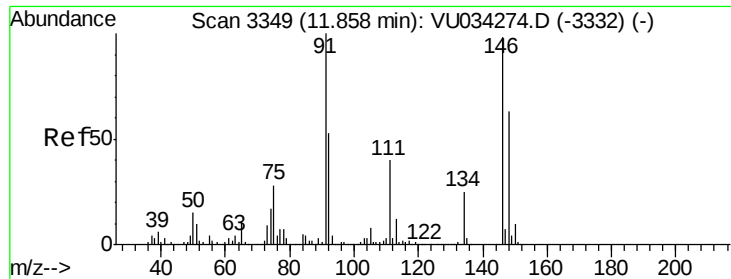
Tgt Ion: 117 Resp: 48277

Ion Ratio Lower Upper

117 100

201 89.3 44.1 132.4

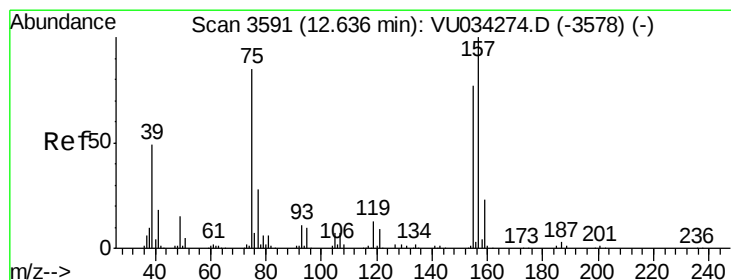
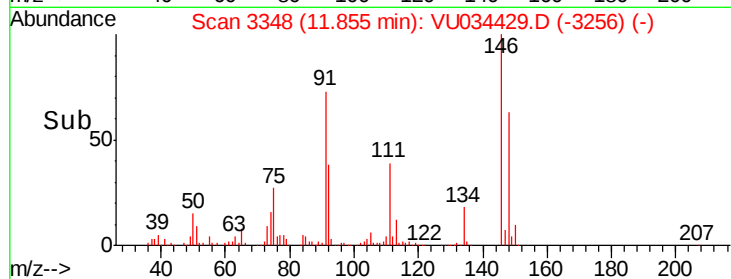
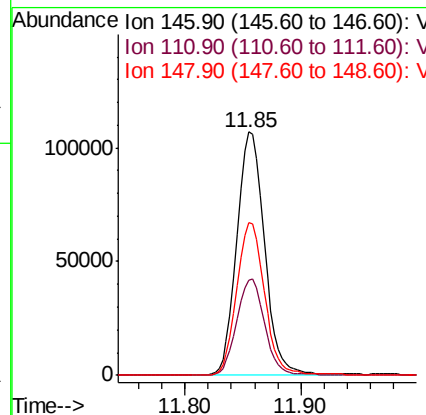
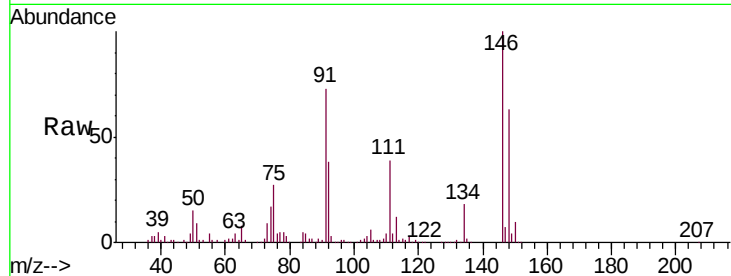




#91
 1,2-Dichlorobenzene
 Concen: 20.200 ug/l
 RT: 11.85 min Scan# 3348
 Delta R.T. -0.00 min
 Lab File: VU034429.D
 Acq: 09 Sep 2019 13:36

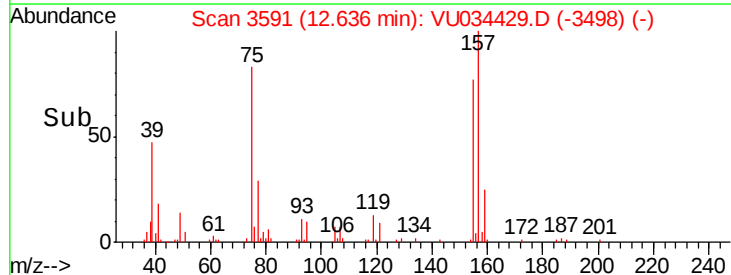
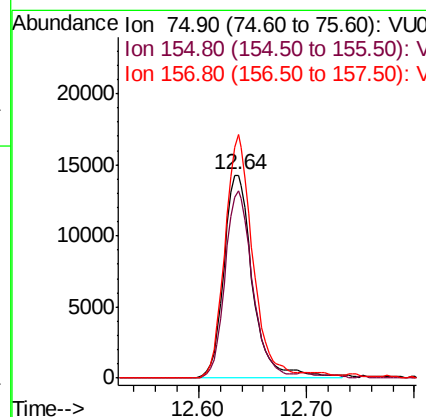
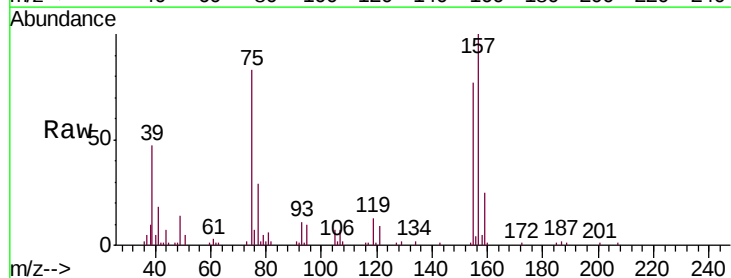
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0909WBSD01

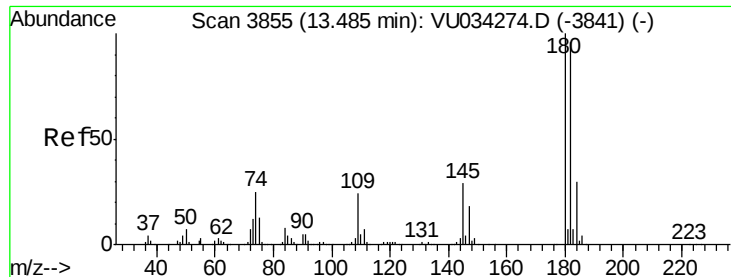
Tgt Ion:146 Resp: 177617
 Ion Ratio Lower Upper
 146 100
 111 39.7 20.0 60.0
 148 62.9 31.6 94.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.392 ug/l
 RT: 12.64 min Scan# 3591
 Delta R.T. 0.00 min
 Lab File: VU034429.D
 Acq: 09 Sep 2019 13:36

Tgt Ion: 75 Resp: 26596
 Ion Ratio Lower Upper
 75 100
 155 87.8 44.6 134.0
 157 114.3 58.2 174.6

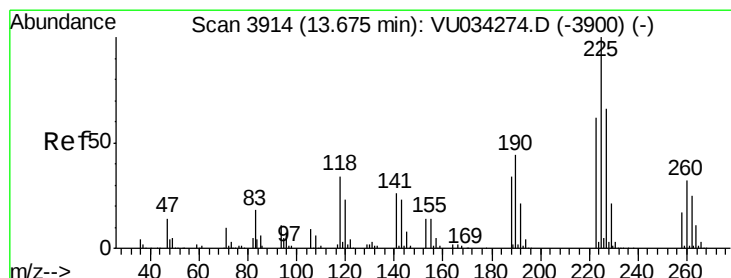
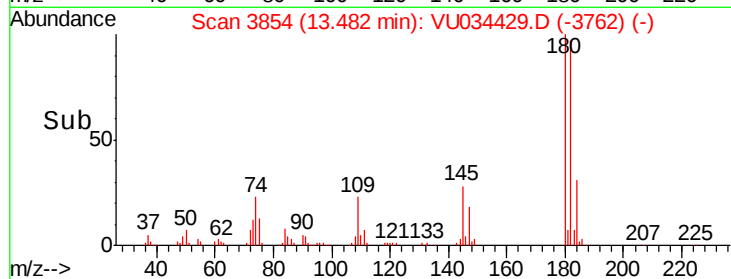
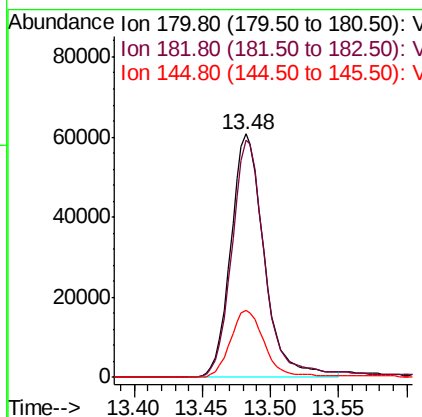
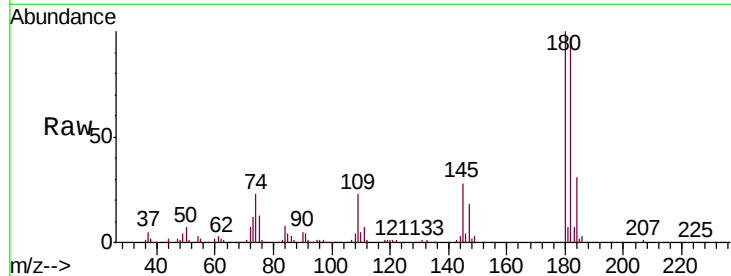




#93
 1,2,4-Trichlorobenzene
 Concen: 18.557 ug/l
 RT: 13.48 min Scan# 3854
 Delta R.T. -0.00 min
 Lab File: VU034429.D
 Acq: 09 Sep 2019 13:36

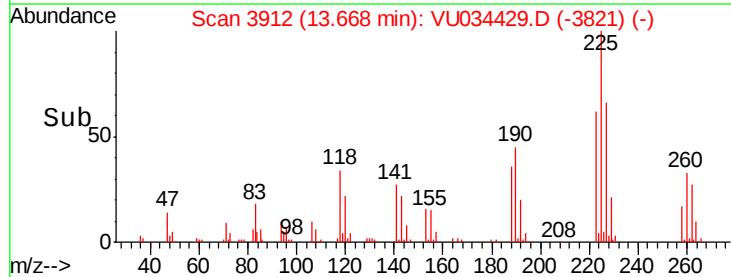
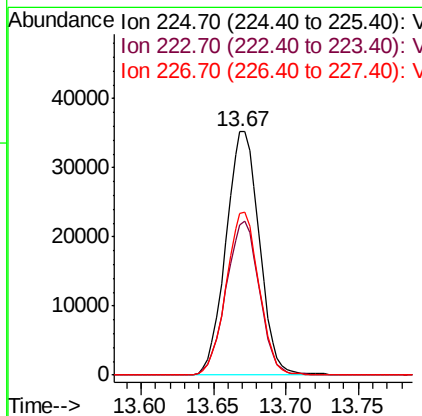
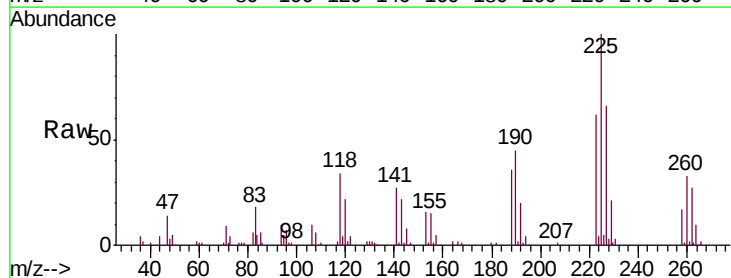
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0909WBSD01

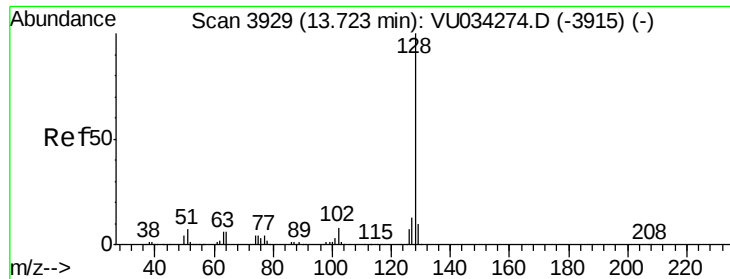
Tgt Ion:180 Resp: 103472
 Ion Ratio Lower Upper
 180 100
 182 95.4 47.9 143.8
 145 28.6 14.4 43.0



#94
 Hexachlorobutadiene
 Concen: 18.270 ug/l
 RT: 13.67 min Scan# 3912
 Delta R.T. -0.01 min
 Lab File: VU034429.D
 Acq: 09 Sep 2019 13:36

Tgt Ion:225 Resp: 56192
 Ion Ratio Lower Upper
 225 100
 223 63.0 31.6 94.7
 227 65.5 32.3 96.8





#95

Naphthalene

Concen: 17.828 ug/l

RT: 13.72 min Scan# 3929

Delta R.T. 0.00 min

Lab File: VU034429.D

Acq: 09 Sep 2019 13:36

Instrument :

MSVOA_U

ClientSampleId :

VU0909WBSD01

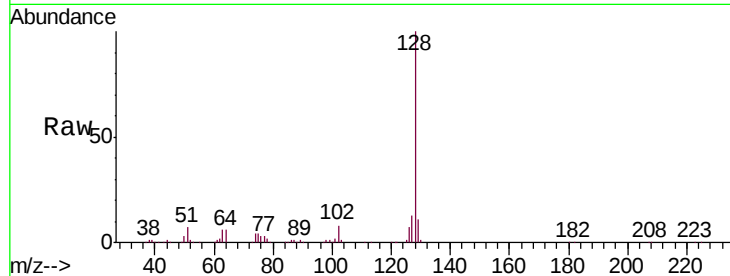
Tgt Ion:128 Resp: 270388

Ion Ratio Lower Upper

128 100

127 12.7 10.6 15.8

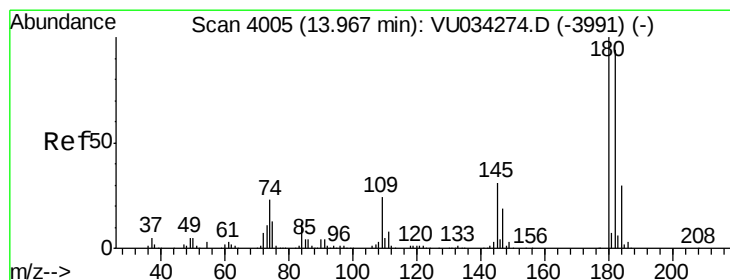
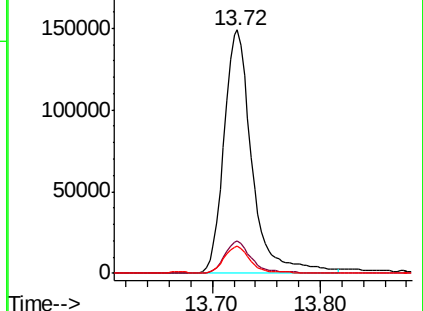
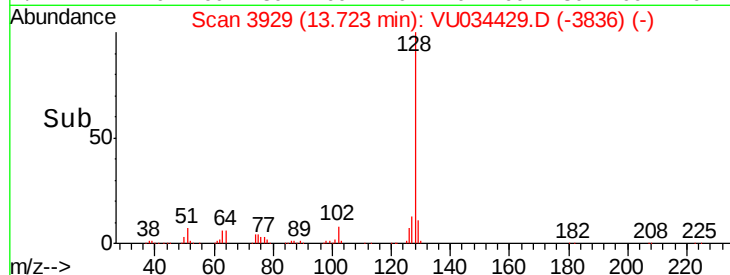
129 10.3 8.4 12.6



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 18.954 ug/l

RT: 13.97 min Scan# 4005

Delta R.T. 0.00 min

Lab File: VU034429.D

Acq: 09 Sep 2019 13:36

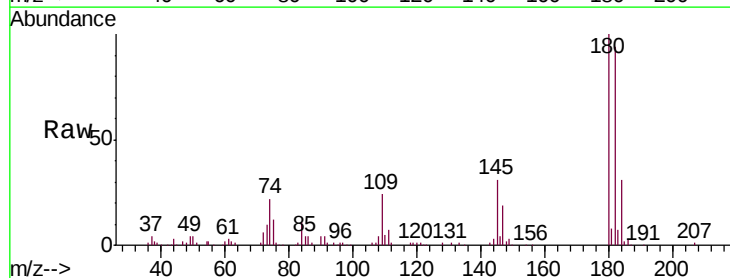
Tgt Ion:180 Resp: 106096

Ion Ratio Lower Upper

180 100

182 97.6 48.4 145.0

145 31.2 15.4 46.4



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

