

Data File : VU033366.D
Acq On : 22 Jul 2019 21:52
Operator : JC/SP
Sample : VSTDICV010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ICVVU072219

Quant Time: Jul 23 03:47:18 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U072219DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Tue Jul 23 03:43:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	5.72	96	32840	1.00	ug/l	0.00

System Monitoring Compounds

57) 4-Bromofluorobenzene	10.29	95	13595	1.05	ug/l	0.00
Spiked Amount	1.000		Recovery	=	105.00%	
68) 1,2-Dichlorobenzene-d4	11.85	152	13934	1.05	ug/l	0.00
Spiked Amount	1.000		Recovery	=	105.00%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	77724	5.723	ug/l 100
3) Chloromethane	1.32	50	113027	7.540	ug/l 100
4) Vinyl Chloride	1.39	62	132651	7.930	ug/l 100
5) Bromomethane	1.62	94	87391	8.299	ug/l 98
6) Chloroethane	1.69	64	98660	8.398	ug/l 98
7) Trichlorofluoromethane	1.87	101	197553	8.601	ug/l 98
8) 1,1,2-Trichloro-1,2,2-trif	2.27	101	113386	9.570	ug/l 99
9) 1,1-Dichloroethene	2.27	96	117780	10.093	ug/l 97
10) Iodomethane	2.40	142	148532	9.471	ug/l 99
11) Allyl Chloride	2.57	41	185736	9.645	ug/l 95
12) Acrylonitrile	2.93	53	160358	49.230	ug/l 95
13) Acetone	2.33	43	121399	43.682	ug/l 99
14) Carbon Disulfide	2.46	76	379155	8.551	ug/l 100
15) Methylene Chloride	2.68	84	135020	8.579	ug/l 99
16) trans-1,2-Dichloroethene	2.96	96	128485	9.272	ug/l 97
17) 1,1-Dichloroethane	3.42	63	180272	9.693	ug/l 99
18) 2-Butanone	4.26	43	133539	50.342	ug/l 100
19) Cyclohexane	4.96	56	129432	9.483	ug/l 88
20) Methylcyclohexane	6.39	83	151078	10.995	ug/l 99
21) 2,2-Dichloropropane	4.20	77	137450	8.722	ug/l 99
22) cis-1,2-Dichloroethene	4.20	96	105058	10.004	ug/l 100
23) Diethyl Ether	2.09	59	92829	9.228	ug/l 98
24) tert-Butyl Alcohol	2.87	59	63895	49.152	ug/l # 86
25) Methyl tert-Butyl Ether	2.98	73	325545	9.689	ug/l 98
26) Bromochloromethane	4.52	128	45936	9.947	ug/l 96
27) Chloroform	4.65	83	187309	8.812	ug/l 98
28) 1,1,1-Trichloroethane	4.89	97	160591	9.759	ug/l 99
29) 1,1-Dichloropropene	5.11	75	137155	10.105	ug/l 99
30) Carbon Tetrachloride	5.11	117	141218	9.750	ug/l 98
31) Isopropyl Ether	3.56	45	265014	11.274	ug/l # 1
32) Ethyl-t-butyl ether	4.20	59	4609	0.204	ug/l # 33
33) Tert-Amyl methyl ether	5.36	73	7141	0.351	ug/l # 1
34) Propionitrile	4.33	54	86819	114.094	ug/l # 97
35) Benzene	5.36	78	401835	10.247	ug/l 99
36) 1,2-Dichloroethane	5.38	62	129588	9.929	ug/l 99
37) Trichloroethene	6.16	130	106716	10.310	ug/l 94
38) 1,2-Dichloropropane	6.41	63	109010	10.075	ug/l 97
39) Methacrylonitrile	4.53	41	32102	10.628	ug/l 96
40) Methyl acrylate	4.41	55	49980	10.636	ug/l # 93
41) Tetrahydrofuran	4.64	42	88321	58.312	ug/l 98
42) 1-Chlorobutane	5.04	56	185203	10.177	ug/l 99

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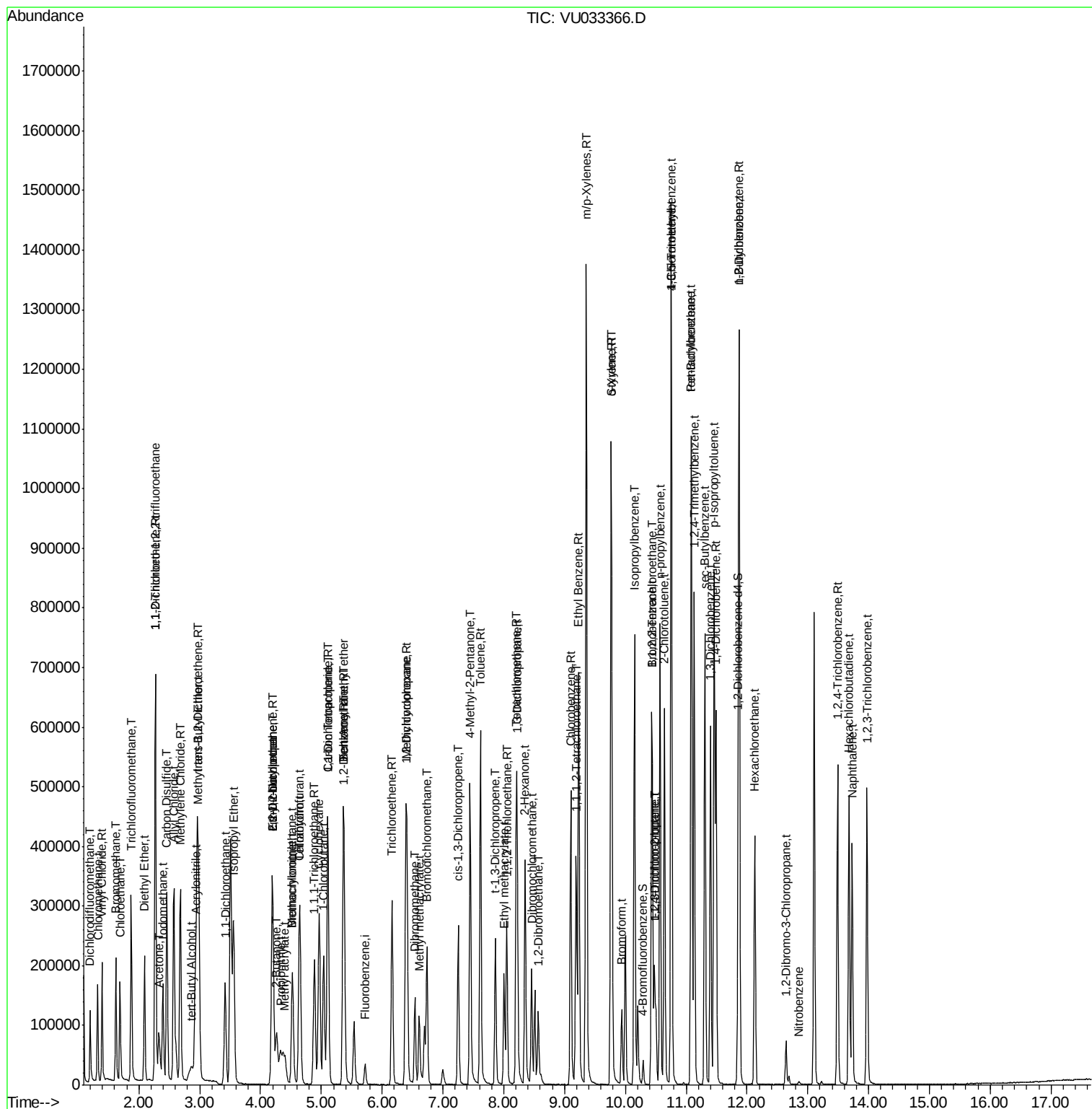
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.54	93	59227	9.887	ug/l	97
44) Bromodichloromethane	6.74	83	145297	10.060	ug/l	99
45) 4-Methyl-2-Pentanone	7.45	43	333727	54.626	ug/l	99
46) t-1,4-Dichloro-2-butene	10.48	75	107020	43.406	ug/l #	41
47) Methyl methacrylate	6.61	69	50034	10.959	ug/l	99
48) Ethyl methacrylate	8.00	69	100059	12.434	ug/l	99
49) Toluene	7.62	92	253144	11.268	ug/l	99
50) t-1,3-Dichloropropene	7.86	75	135252	11.227	ug/l	99
51) cis-1,3-Dichloropropene	7.25	75	154643	10.873	ug/l	99
52) 1,1,2-Trichloroethane	8.05	97	81861	10.225	ug/l	97
53) 1,3-Dichloropropane	8.22	76	140116	10.358	ug/l	98
54) 2-Hexanone	8.35	43	239602	55.714	ug/l	99
55) Dibromochloromethane	8.46	129	97249	10.400	ug/l	98
56) 1,2-Dibromoethane	8.57	107	77752	10.420	ug/l	97
58) Tetrachloroethene	8.21	164	98458	10.490	ug/l	98
59) Chlorobenzene	9.10	112	272966	10.598	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.19	131	100278	10.253	ug/l	99
61) Pentachloroethane	11.09	117	79645	9.922	ug/l	100
62) Hexachloroethane	12.13	117	80215	10.328	ug/l	99
63) Ethyl Benzene	9.23	91	487504	11.788	ug/l	98
64) m/p-Xylenes	9.36	106	389169	23.536	ug/l	98
65) o-Xylene	9.76	106	180699	11.404	ug/l	99
66) Styrene	9.77	104	322773	12.009	ug/l	99
67) Bromoform	9.94	173	56426	11.149	ug/l	99
69) Isopropylbenzene	10.15	105	488903	12.033	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.44	83	107081	10.092	ug/l	99
71) 1,2,3-Trichloropropane	10.48	75	107020	13.065	ug/l #	85
72) Bromobenzene	10.44	156	119572	11.141	ug/l	98
73) n-propylbenzene	10.57	120	134168	11.585	ug/l	97
74) 2-Chlorotoluene	10.65	126	118923	11.249	ug/l	100
75) 1,3,5-Trimethylbenzene	10.76	105	441479	12.103	ug/l	99
76) 4-Chlorotoluene	10.76	126	126038	11.441	ug/l	100
77) tert-Butylbenzene	11.09	119	389553	11.269	ug/l	100
78) 1,2,4-Trimethylbenzene	11.13	105	446391	11.972	ug/l	100
79) sec-Butylbenzene	11.31	105	505336	10.620	ug/l	100
80) Nitrobenzene	12.85	77	3250	7.369	ug/l #	88
81) p-Isopropyltoluene	11.46	119	464127	11.997	ug/l	100
82) 1,3-Dichlorobenzene	11.40	146	236922	10.386	ug/l	99
83) 1,4-Dichlorobenzene	11.49	146	242869	10.762	ug/l	99
84) n-Butylbenzene	11.87	91	457192	11.549	ug/l	100
85) 1,2-Dichlorobenzene	11.86	146	224575	10.500	ug/l	99
86) 1,2-Dibromo-3-Chloropropan	12.64	75	19008	11.389	ug/l	97
87) 1,2,4-Trichlorobenzene	13.49	180	161573	12.696	ug/l	99
88) Hexachlorobutadiene	13.68	225	83815	10.678	ug/l	98
89) Naphthalene	13.73	128	315940	10.873	ug/l	99
90) 1,2,3-Trichlorobenzene	13.97	180	149640	12.115	ug/l	99

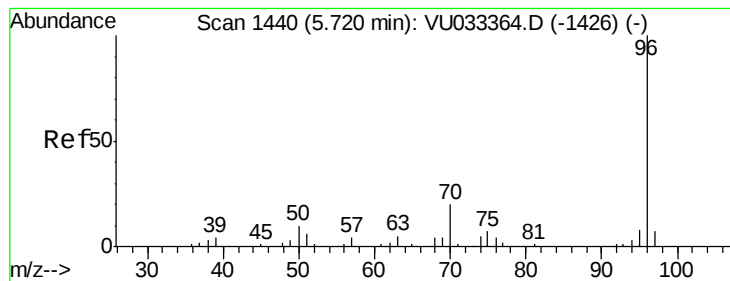
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 5.72 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VU033366.D

Acq: 22 Jul 2019 21:52

Instrument :

MSVOA_U

ClientSampleId :

ICVVU072219

Tgt Ion: 96 Resp: 32840

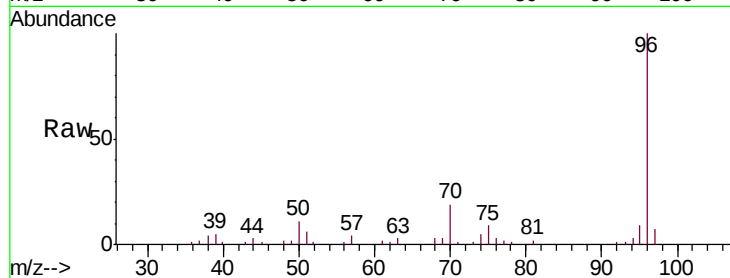
Ion Ratio Lower Upper

96 100

70 19.7 16.4 24.6

95 9.3 6.7 10.1

97 0.0 0.0 0.0

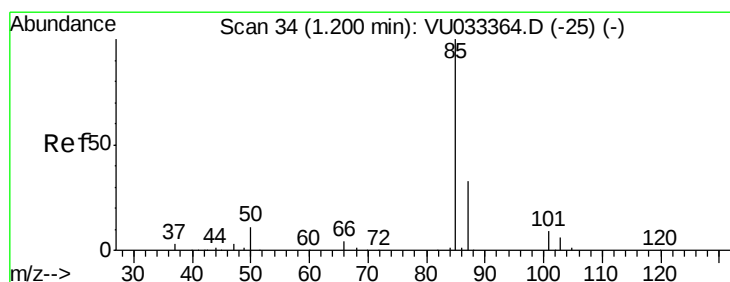
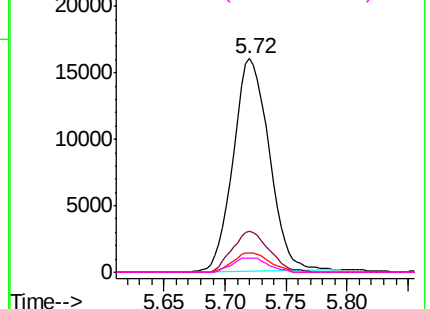
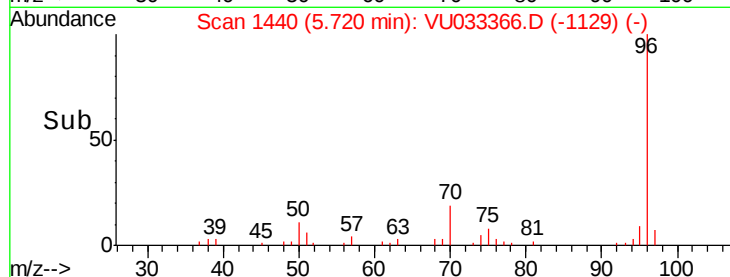


Abundance Ion 96.00 (95.70 to 96.70): VU033366.D (-1129) (-)

Ion 70.00 (69.70 to 70.70): VU033366.D (-1129) (-)

Ion 95.00 (94.70 to 95.70): VU033366.D (-1129) (-)

Ion 97.00 (96.70 to 97.70): VU033366.D (-1129) (-)



#2

Dichlorodifluoromethane

Concen: 5.723 ug/l

RT: 1.20 min Scan# 34

Delta R.T. -0.00 min

Lab File: VU033366.D

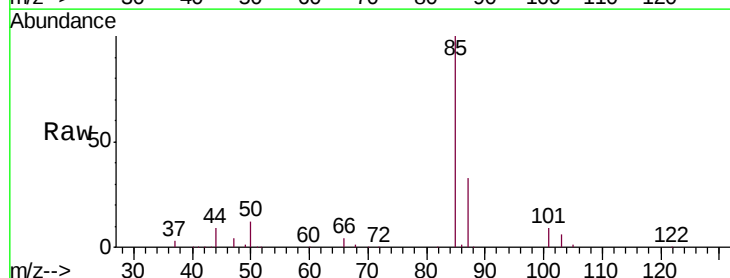
Acq: 22 Jul 2019 21:52

Tgt Ion: 85 Resp: 77724

Ion Ratio Lower Upper

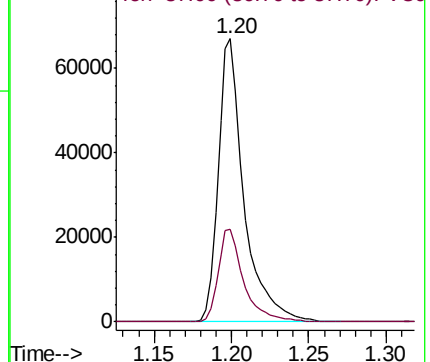
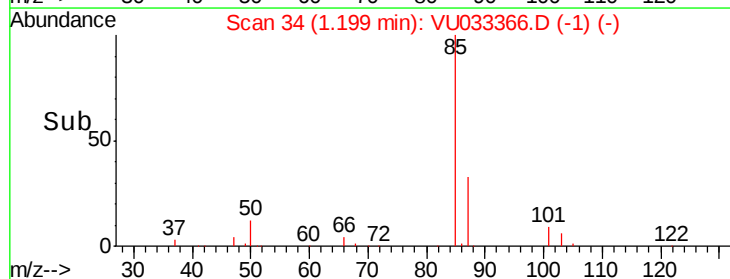
85 100

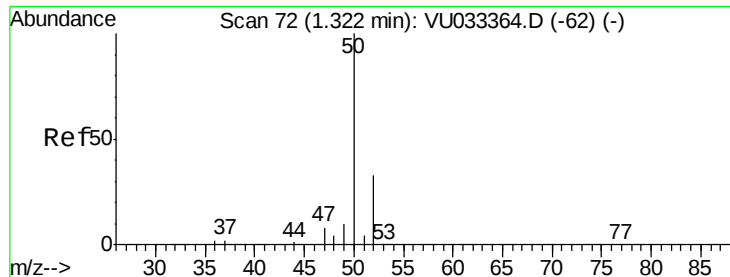
87 33.0 16.6 49.7



Abundance Ion 85.00 (84.70 to 85.70): VU033366.D (-1) (-)

Ion 87.00 (86.70 to 87.70): VU033366.D (-1) (-)

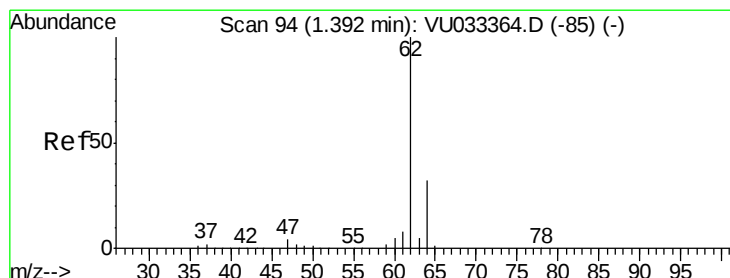
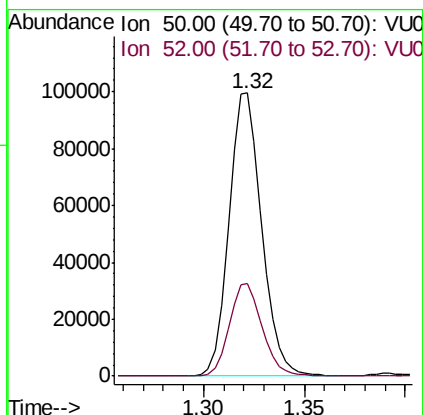
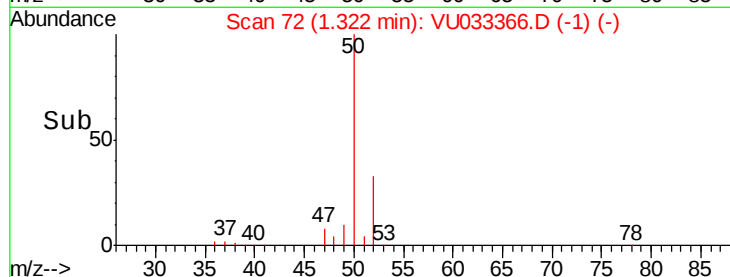
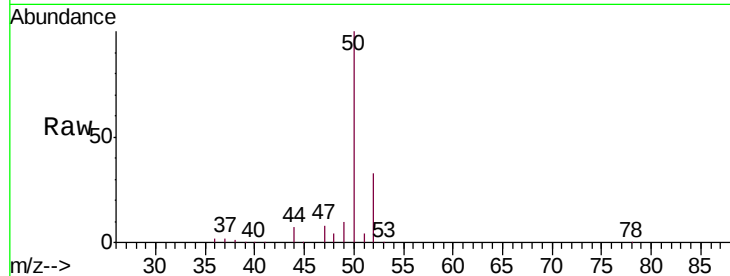




#3
Chloromethane
Concen: 7.540 ug/l
RT: 1.32 min Scan# 72
Delta R.T. -0.00 min
Lab File: VU033366.D
Acq: 22 Jul 2019 21:52

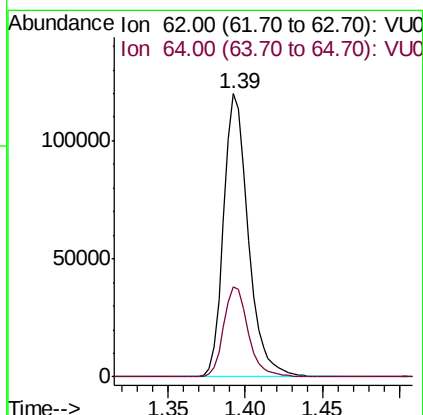
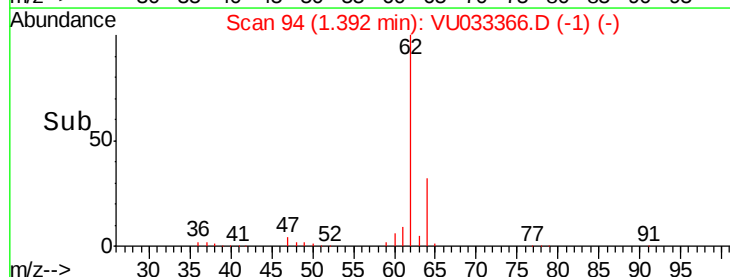
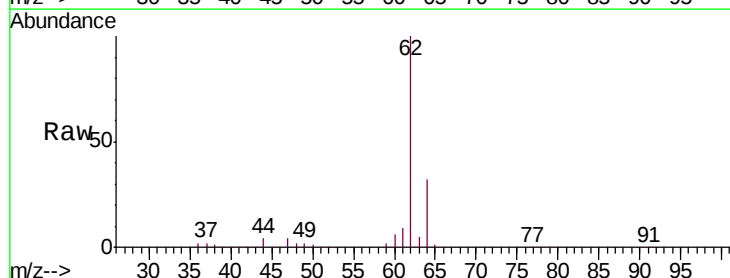
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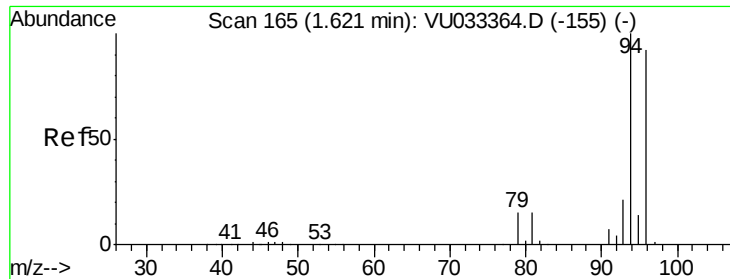
Tgt Ion: 50 Resp: 113027
Ion Ratio Lower Upper
50 100
52 32.6 26.1 39.1



#4
Vinyl Chloride
Concen: 7.930 ug/l
RT: 1.39 min Scan# 94
Delta R.T. -0.00 min
Lab File: VU033366.D
Acq: 22 Jul 2019 21:52

Tgt Ion: 62 Resp: 132651
Ion Ratio Lower Upper
62 100
64 31.9 25.6 38.4

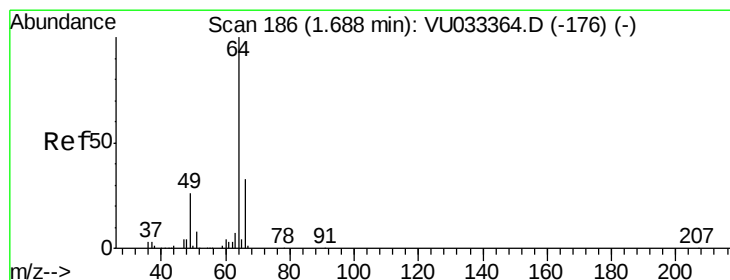
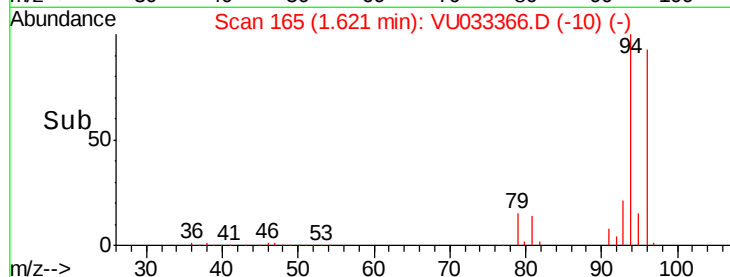
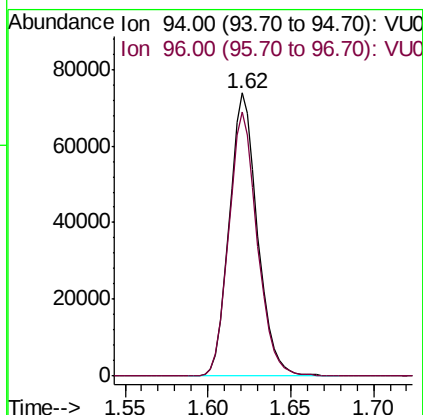
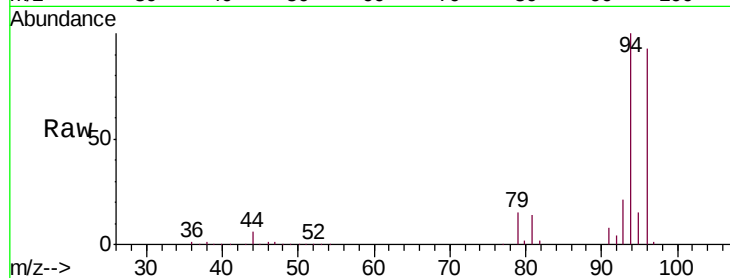




#5
Bromomethane
Concen: 8.299 ug/l
RT: 1.62 min Scan# 165
Delta R.T. -0.00 min
Lab File: VU033366.D
Acq: 22 Jul 2019 21:52

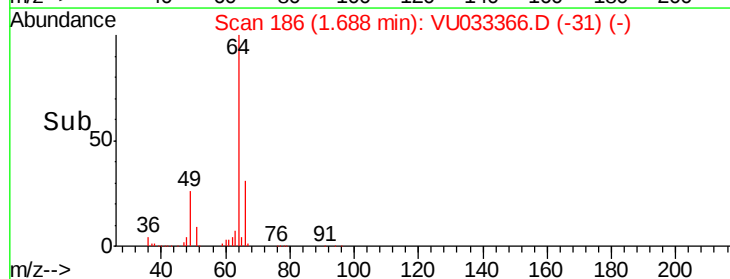
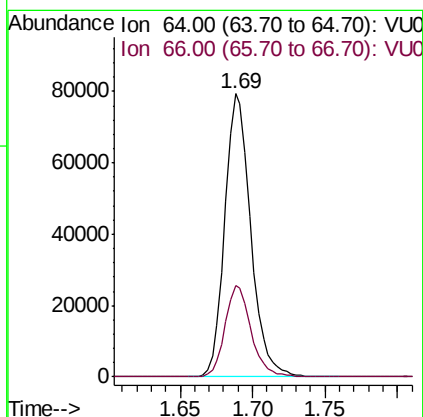
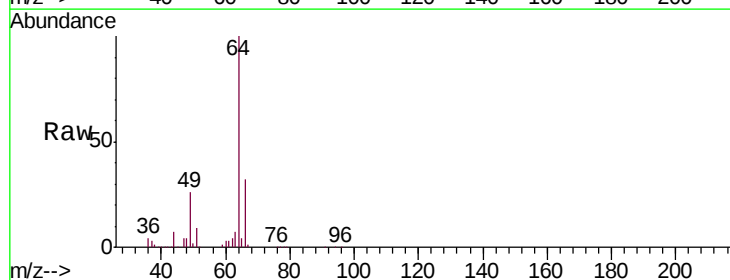
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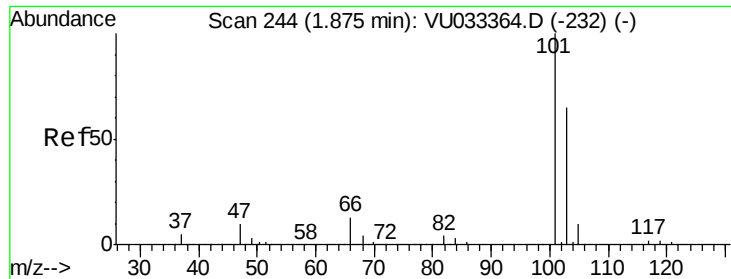
Tgt Ion: 94 Resp: 87391
Ion Ratio Lower Upper
94 100
96 93.4 73.2 109.8



#6
Chloroethane
Concen: 8.398 ug/l
RT: 1.69 min Scan# 186
Delta R.T. -0.00 min
Lab File: VU033366.D
Acq: 22 Jul 2019 21:52

Tgt Ion: 64 Resp: 98660
Ion Ratio Lower Upper
64 100
66 32.1 26.4 39.6



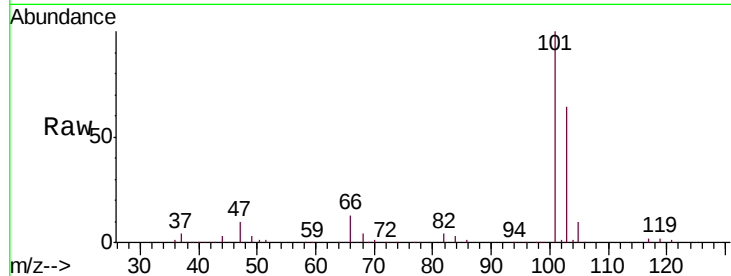


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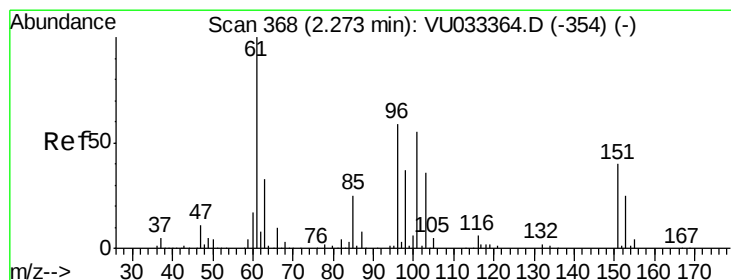
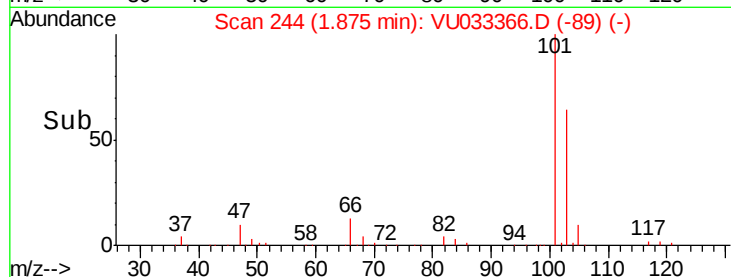
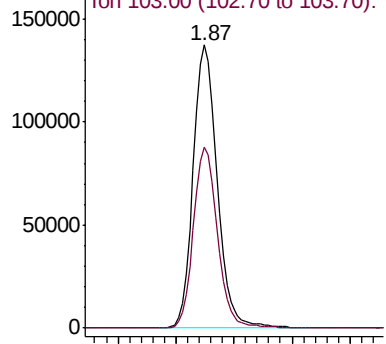
Trichlorofluoromethane
 Concen: 8.601 ug/l
 RT: 1.87 min Scan# 244
 Delta R.T. -0.00 min
 Lab File: VU033366.D
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Instrument :
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Tgt Ion:101 Resp: 197553
 Ion Ratio Lower Upper
 101 100
 103 63.9 52.2 78.2



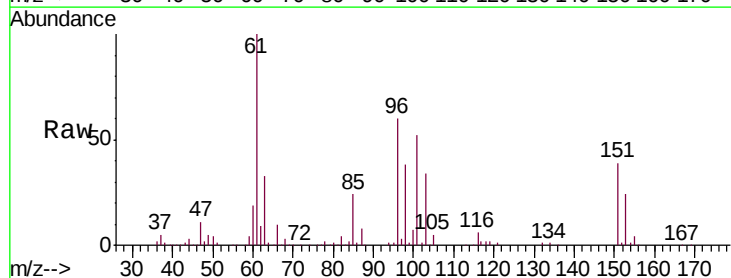
Abundance Ion 101.00 (100.70 to 101.70): V
 Ion 103.00 (102.70 to 103.70): V



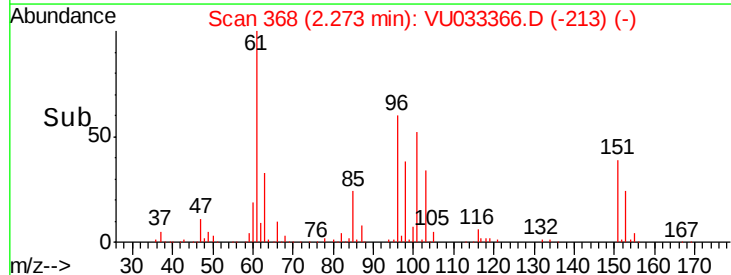
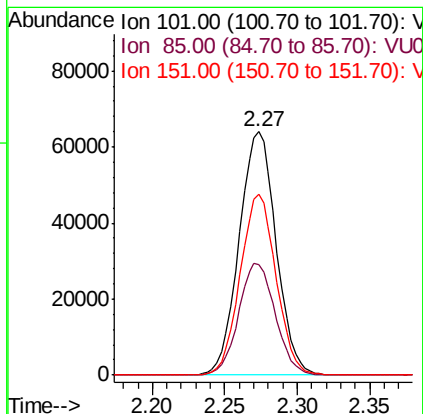
#8

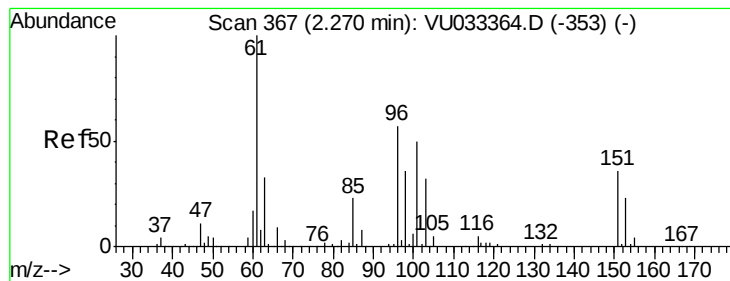
1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 9.570 ug/l
 RT: 2.27 min Scan# 368
 Delta R.T. -0.00 min
 Lab File: VU033366.D
 Acq: 22 Jul 2019 21:52

Tgt Ion:101 Resp: 113386
 Ion Ratio Lower Upper
 101 100
 85 45.4 37.5 56.3
 151 72.2 58.3 87.5



Abundance Ion 101.00 (100.70 to 101.70): V
 Ion 85.00 (84.70 to 85.70): VU
 Ion 151.00 (150.70 to 151.70): V





#9

1,1-Dichloroethene

Concen: 10.093 ug/l

RT: 2.27 min Scan# 367

Delta R.T. -0.00 min

Lab File: VU033366.D

Acq: 22 Jul 2019 21:52

Instrument :

MSVOA_U

ClientSampleId :

ICVVU072219

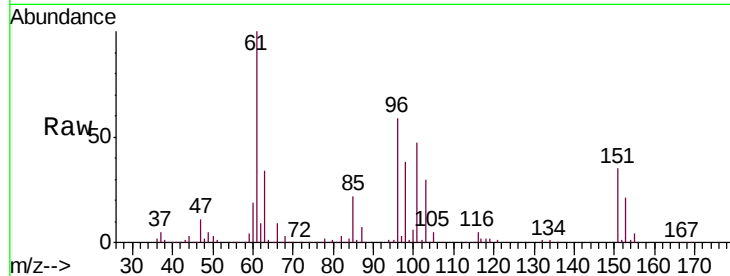
Tgt Ion: 96 Resp: 117780

Ion Ratio Lower Upper

96 100

61 170.3 0.0 525.6

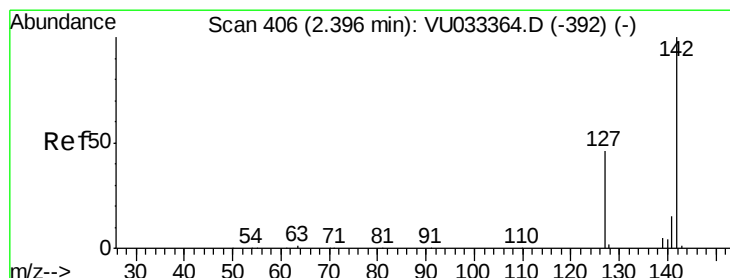
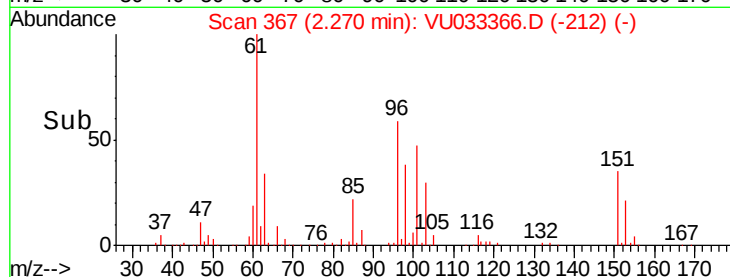
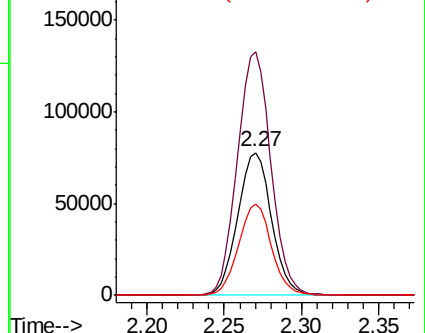
98 63.9 0.0 126.4



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 98.00 (97.70 to 98.70): VU0



#10

Iodomethane

Concen: 9.471 ug/l

RT: 2.40 min Scan# 406

Delta R.T. -0.00 min

Lab File: VU033366.D

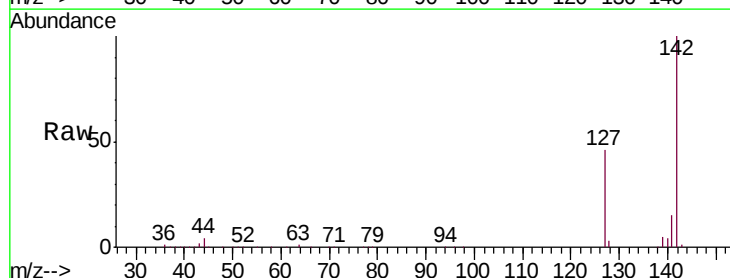
Acq: 22 Jul 2019 21:52

Tgt Ion: 142 Resp: 148532

Ion Ratio Lower Upper

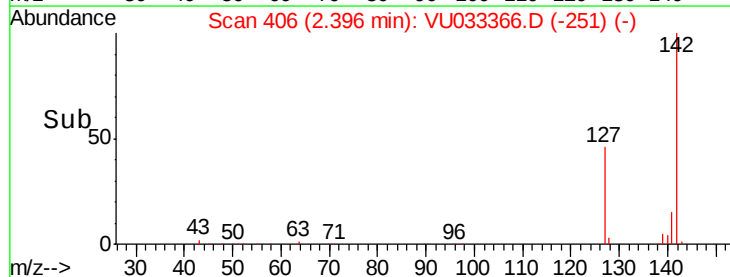
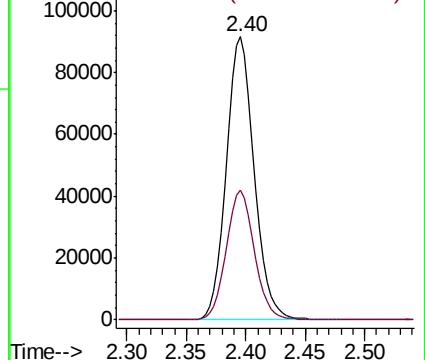
142 100

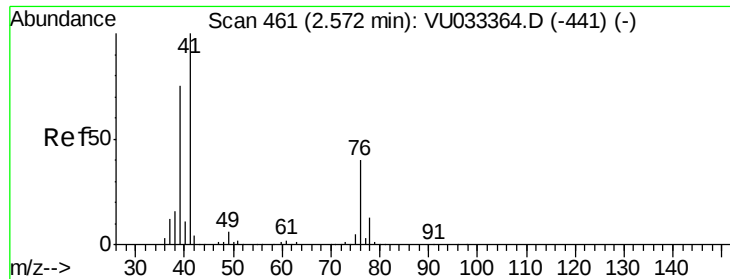
127 46.3 37.8 56.6



Abundance Ion 142.00 (141.70 to 142.70): V

Ion 127.00 (126.70 to 127.70): V

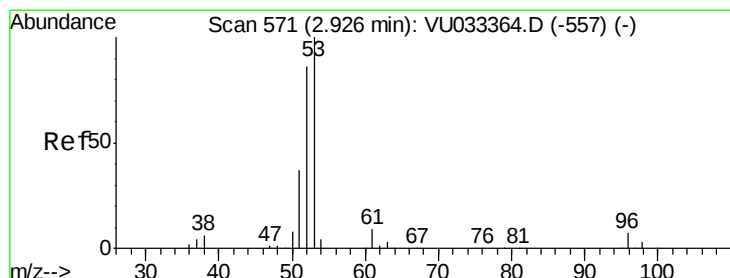
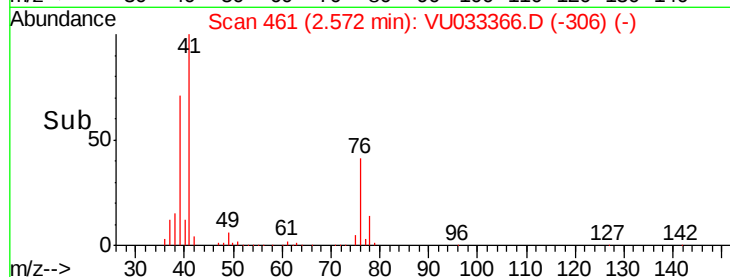
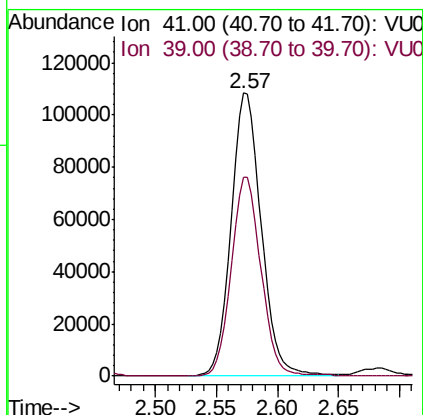
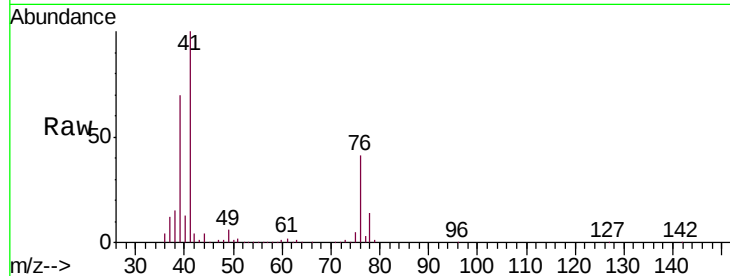




#11
 Allyl Chloride
 Concen: 9.645 ug/l
 RT: 2.57 min Scan# 461
 Delta R.T. -0.00 min
 Lab File: VU033366.D
 Acq: 22 Jul 2019 21:52

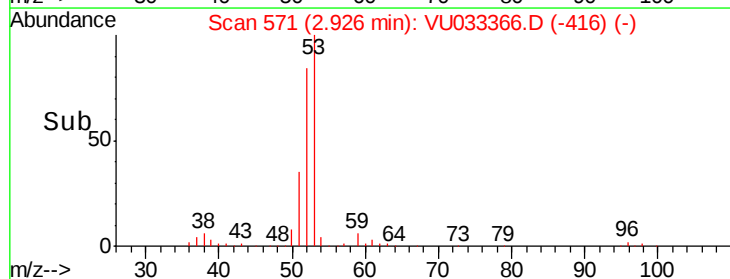
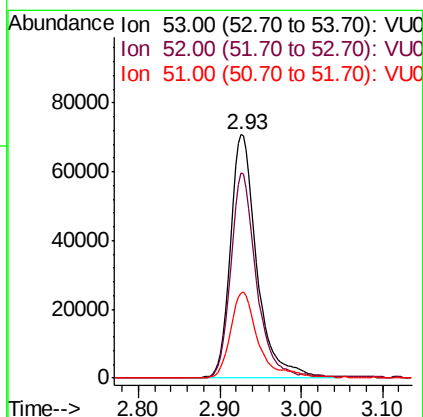
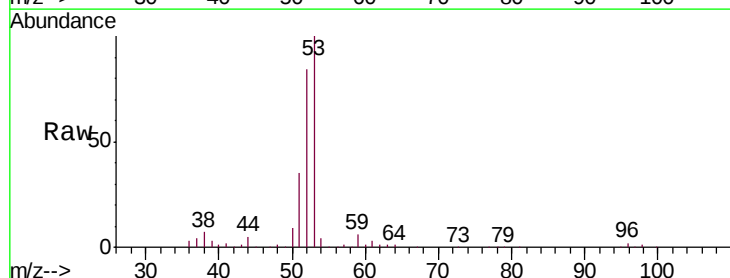
Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU072219

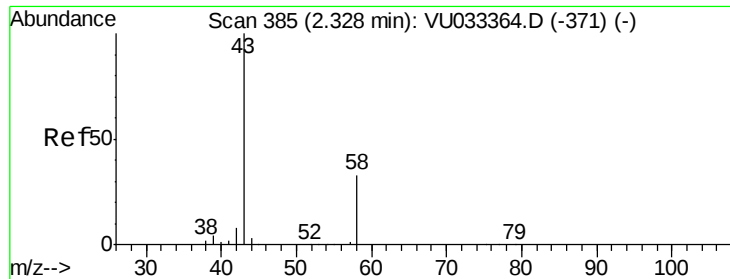
Tgt Ion: 41 Resp: 185736
 Ion Ratio Lower Upper
 41 100
 39 68.9 58.7 88.1



#12
 Acrylonitrile
 Concen: 49.230 ug/l
 RT: 2.93 min Scan# 571
 Delta R.T. -0.00 min
 Lab File: VU033366.D
 Acq: 22 Jul 2019 21:52

Tgt Ion: 53 Resp: 160358
 Ion Ratio Lower Upper
 53 100
 52 80.8 69.8 104.8
 51 35.8 29.1 43.7





#13

Acetone

Concen: 43.682 ug/l

RT: 2.33 min Scan# 385

Delta R.T. -0.00 min

Lab File: VU033366.D

Acq: 22 Jul 2019 21:52

Instrument :

MSVOA_U

ClientSampleId :

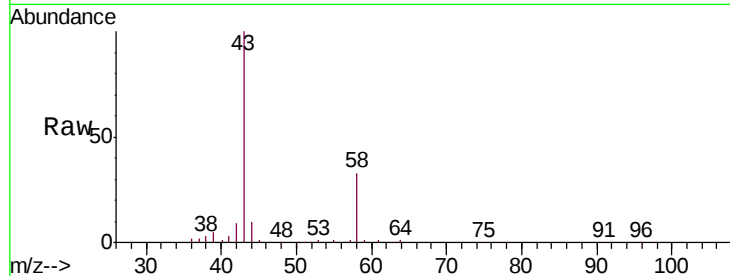
ICVVU072219

Tgt Ion: 43 Resp: 121399

Ion Ratio Lower Upper

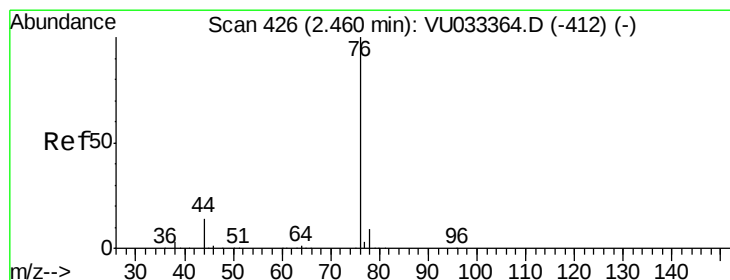
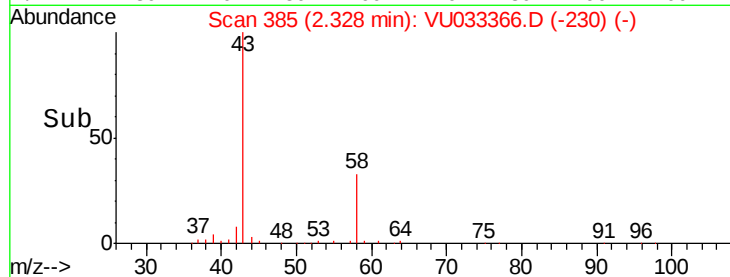
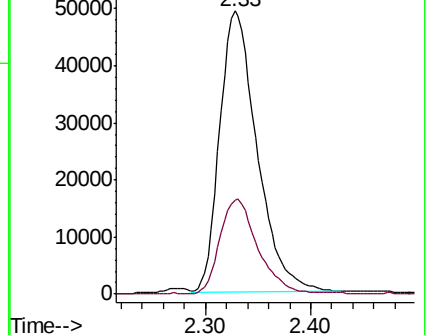
43 100

58 33.3 26.3 39.5



Abundance Ion 43.00 (42.70 to 43.70): VU033366.D (-230) (-)

Ion 58.00 (57.70 to 58.70): VU033366.D (-230) (-)



#14

Carbon Disulfide

Concen: 8.551 ug/l

RT: 2.46 min Scan# 426

Delta R.T. -0.00 min

Lab File: VU033366.D

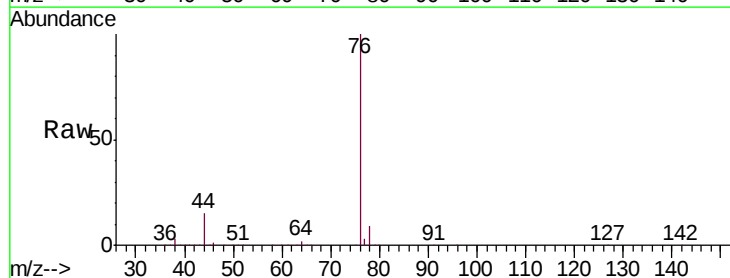
Acq: 22 Jul 2019 21:52

Tgt Ion: 76 Resp: 379155

Ion Ratio Lower Upper

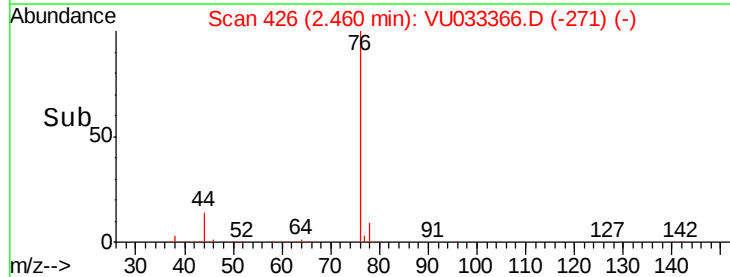
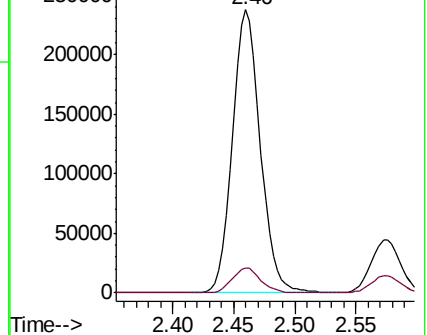
76 100

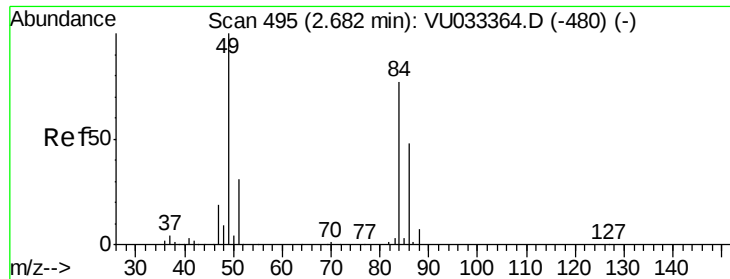
78 8.8 7.1 10.7



Abundance Ion 76.00 (75.70 to 76.70): VU033366.D (-271) (-)

Ion 78.00 (77.70 to 78.70): VU033366.D (-271) (-)



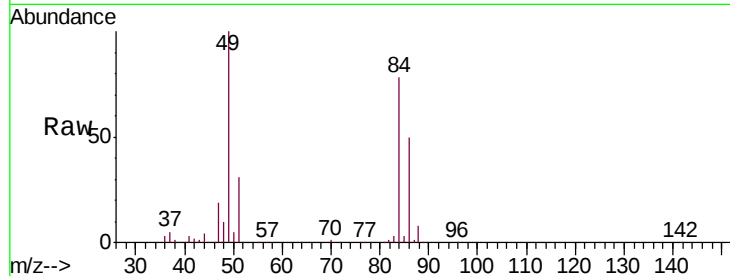


#15
Methylene Chloride
Concen: 8.579 ug/l
RT: 2.68 min Scan# 495
Delta R.T. -0.00 min
Lab File: VU033366.D
Acq: 22 Jul 2019 21:52

Instrument :
MSVOA_U
ClientSampleId :
ICVVU072219

Tgt Ion: 84 Resp: 135020

Ion	Ratio	Lower	Upper
84	100		
49	127.4	103.5	155.3
51	40.0	0.0	80.4
86	63.8	50.1	75.1



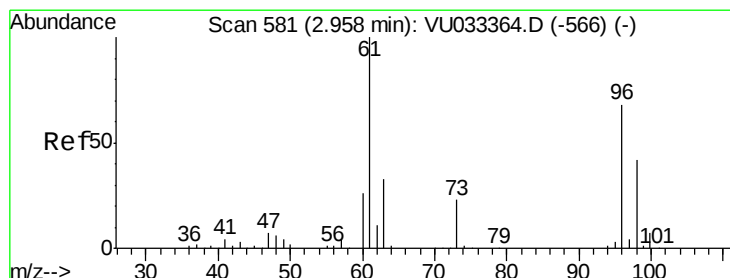
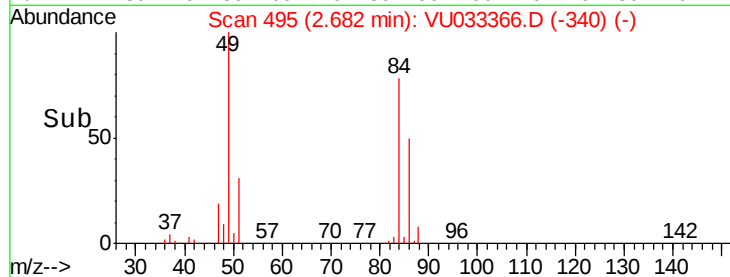
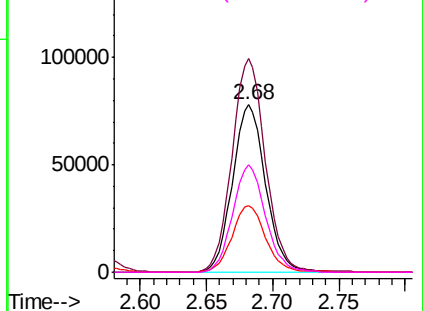
Abundance

Ion 84.00 (83.70 to 84.70): VU0

Ion 49.00 (48.70 to 49.70): VU0

Ion 51.00 (50.70 to 51.70): VU0

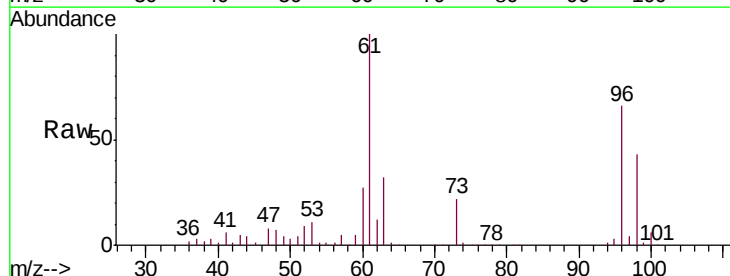
Ion 86.00 (85.70 to 86.70): VU0



#16
trans-1,2-Dichloroethene
Concen: 9.272 ug/l
RT: 2.96 min Scan# 581
Delta R.T. -0.00 min
Lab File: VU033366.D
Acq: 22 Jul 2019 21:52

Tgt Ion: 96 Resp: 128485

Ion	Ratio	Lower	Upper
96	100		
61	150.6	118.0	177.0
98	64.2	49.4	74.2

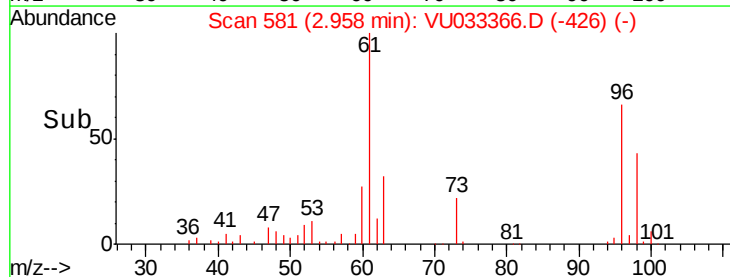
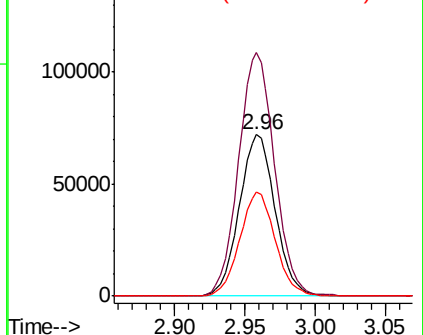


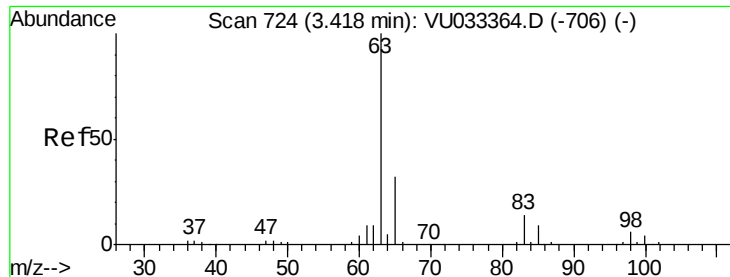
Abundance

Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

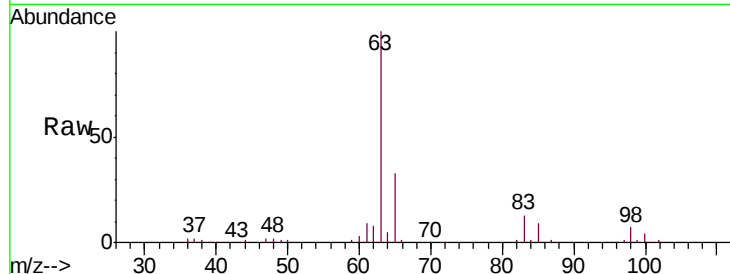




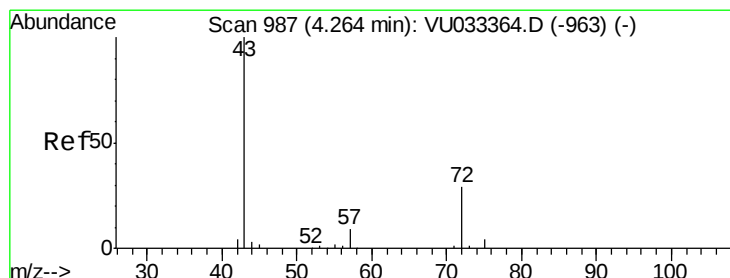
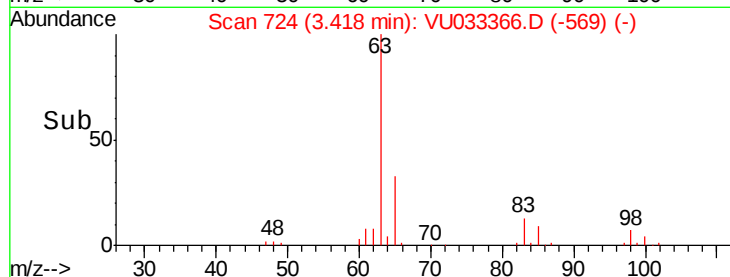
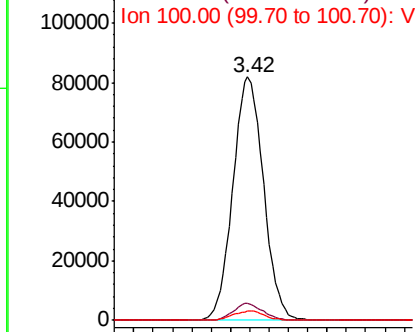
#17
 1,1-Dichloroethane
 Concen: 9.693 ug/l
 RT: 3.42 min Scan# 724
 Delta R.T. -0.00 min
 Lab File: VU033366.D
 Acq: 22 Jul 2019 21:52

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU072219

Tgt Ion: 63 Resp: 180272
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.2 9.6
 100 3.9 2.1 6.2

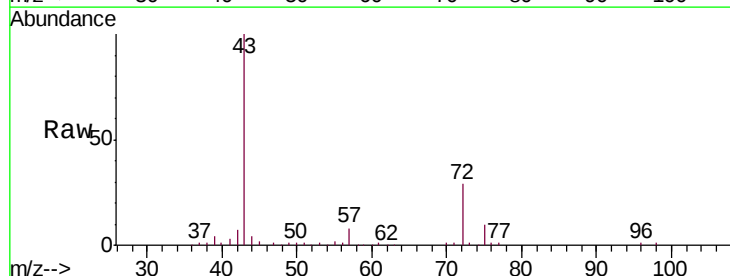


Abundance Ion 63.00 (62.70 to 63.70): VU0
 Ion 98.00 (97.70 to 98.70): VU0
 Ion 100.00 (99.70 to 100.70): VU0

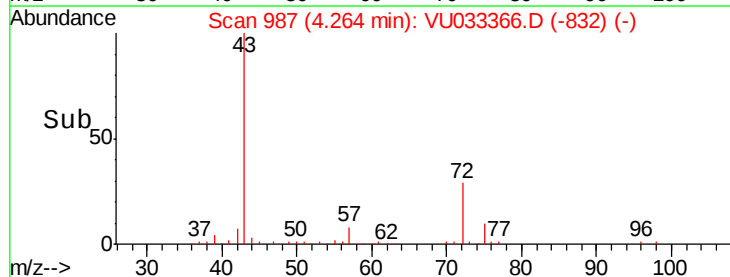
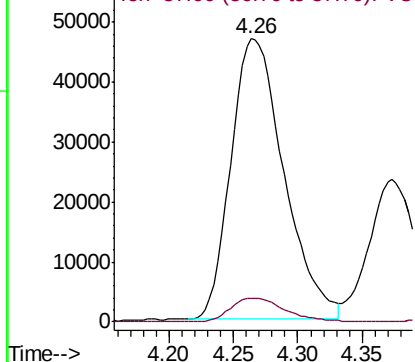


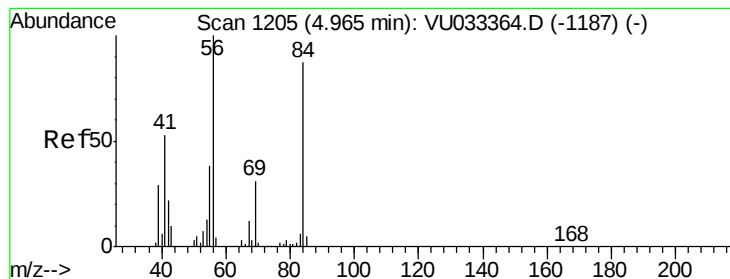
#18
 2-Butanone
 Concen: 50.342 ug/l
 RT: 4.26 min Scan# 987
 Delta R.T. -0.00 min
 Lab File: VU033366.D
 Acq: 22 Jul 2019 21:52

Tgt Ion: 43 Resp: 133539
 Ion Ratio Lower Upper
 43 100
 57 8.4 0.0 17.0



Abundance Ion 43.00 (42.70 to 43.70): VU0
 Ion 57.00 (56.70 to 57.70): VU0





#19

Cyclohexane

Concen: 9.483 ug/l

RT: 4.96 min Scan# 1205

Delta R.T. -0.00 min

Lab File: VU033366.D

Acq: 22 Jul 2019 21:52

Instrument :

MSVOA_U

ClientSampleId :

ICVVU072219

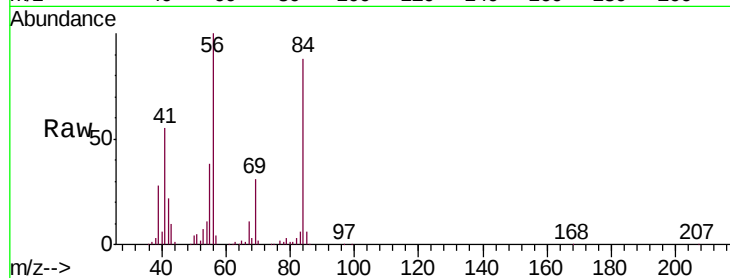
Tgt Ion: 56 Resp: 129432

Ion Ratio Lower Upper

56 100

69 35.6 25.0 37.4

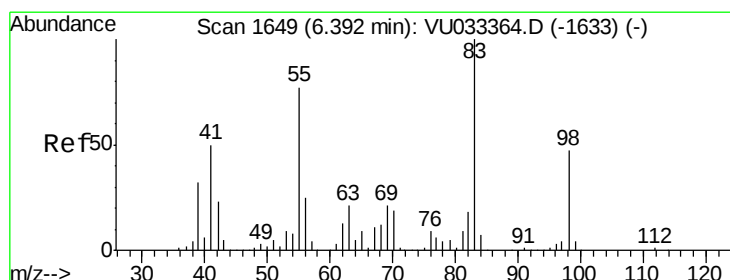
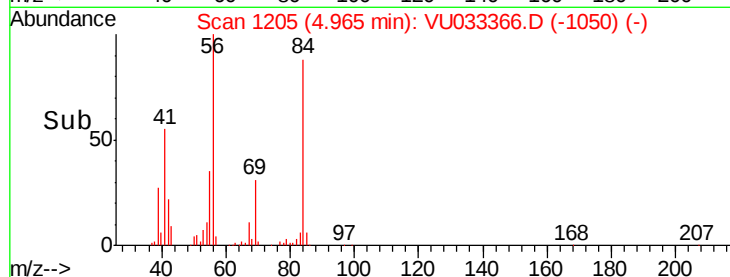
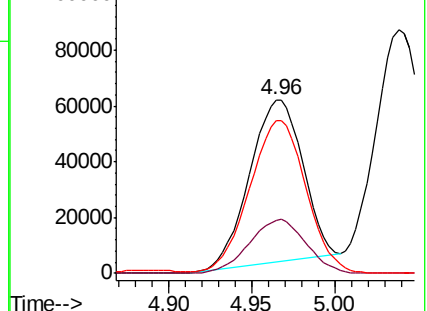
84 99.3 69.8 104.6



Abundance Ion 56.00 (55.70 to 56.70): VU033366.D (-1187) (-)

Ion 69.00 (68.70 to 69.70): VU033366.D (-1187) (-)

Ion 84.00 (83.70 to 84.70): VU033366.D (-1187) (-)



#20

Methylcyclohexane

Concen: 10.995 ug/l

RT: 6.39 min Scan# 1649

Delta R.T. -0.00 min

Lab File: VU033366.D

Acq: 22 Jul 2019 21:52

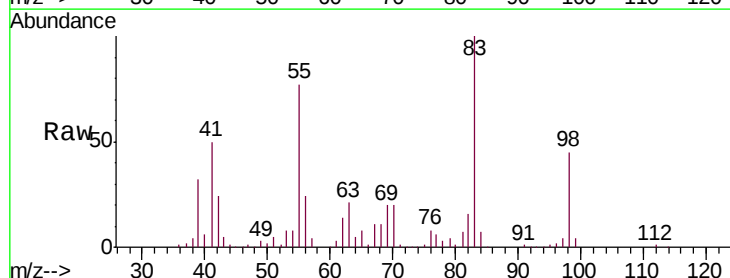
Tgt Ion: 83 Resp: 151078

Ion Ratio Lower Upper

83 100

55 77.0 62.3 93.5

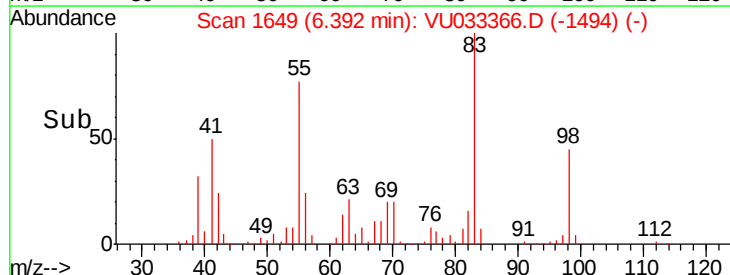
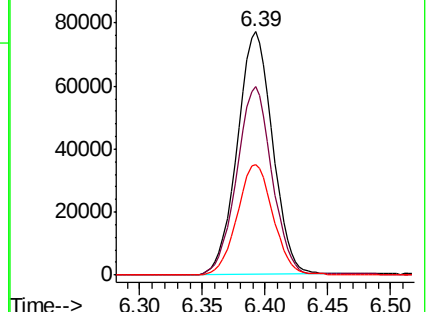
98 46.0 37.4 56.0

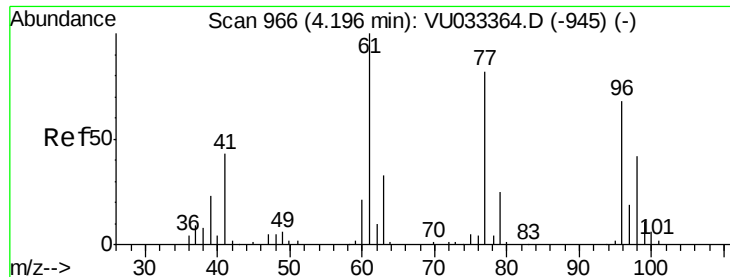


Abundance Ion 83.00 (82.70 to 83.70): VU033366.D (-1633) (-)

Ion 55.00 (54.70 to 55.70): VU033366.D (-1633) (-)

Ion 98.00 (97.70 to 98.70): VU033366.D (-1633) (-)

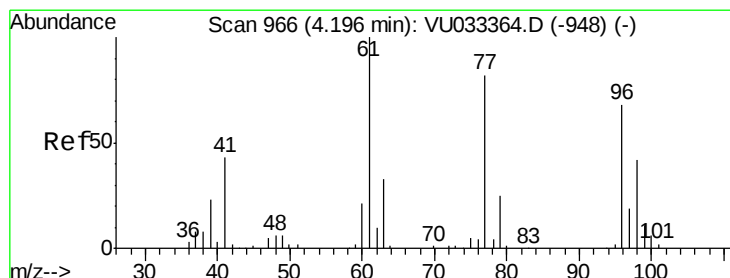
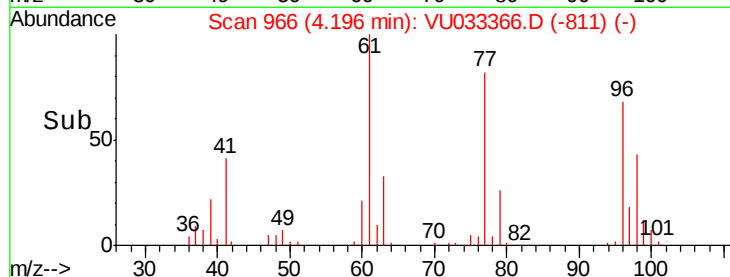
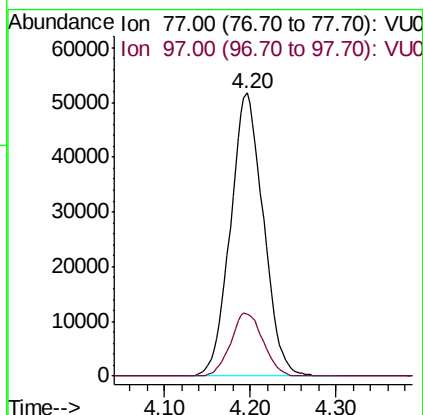
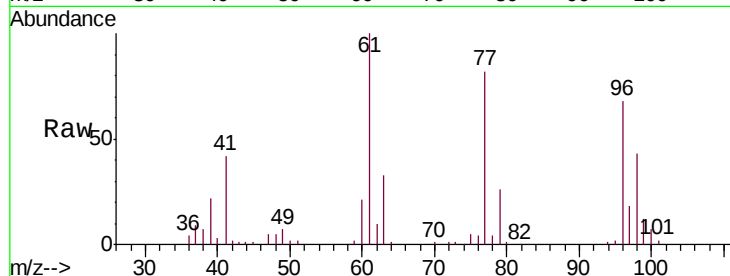




#21
 2,2-Dichloropropane
 Concen: 8.722 ug/l
 RT: 4.20 min Scan# 966
 Delta R.T. -0.00 min
 Lab File: VU033366.D
 Acq: 22 Jul 2019 21:52

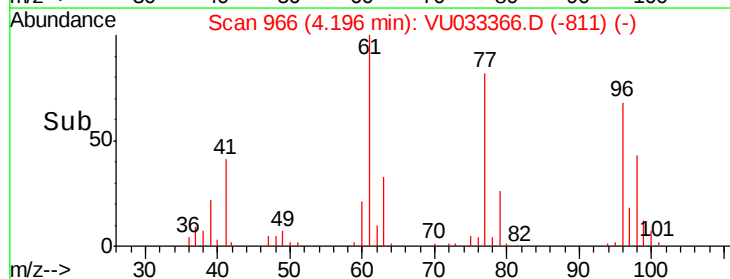
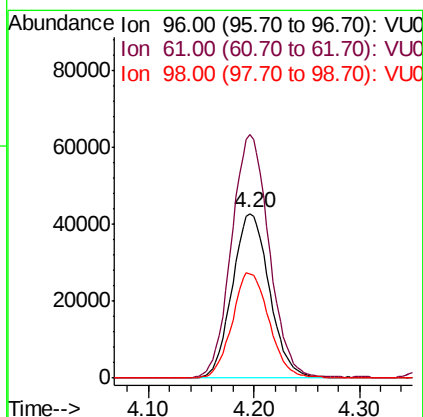
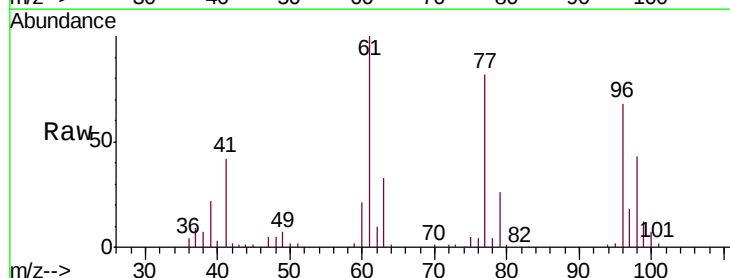
Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU072219

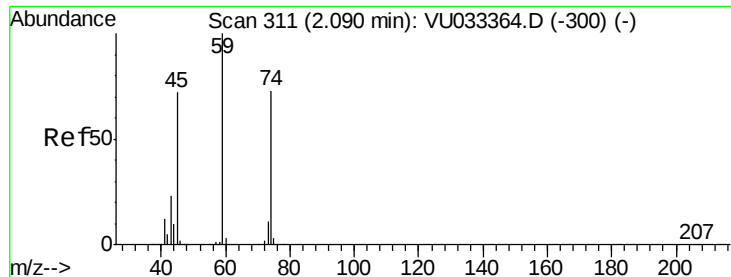
Tgt Ion: 77 Resp: 137450
 Ion Ratio Lower Upper
 77 100
 97 22.0 17.8 26.8



#22
 cis-1,2-Dichloroethene
 Concen: 10.004 ug/l
 RT: 4.20 min Scan# 966
 Delta R.T. -0.00 min
 Lab File: VU033366.D
 Acq: 22 Jul 2019 21:52

Tgt Ion: 96 Resp: 105058
 Ion Ratio Lower Upper
 96 100
 61 150.0 0.0 376.3
 98 63.5 31.9 95.9





#23

Diethyl Ether

Concen: 9.228 ug/l

RT: 2.09 min Scan# 311

Delta R.T. -0.00 min

Lab File: VU033366.D

Acq: 22 Jul 2019 21:52

Instrument :

MSVOA_U

ClientSampleId :

ICVVU072219

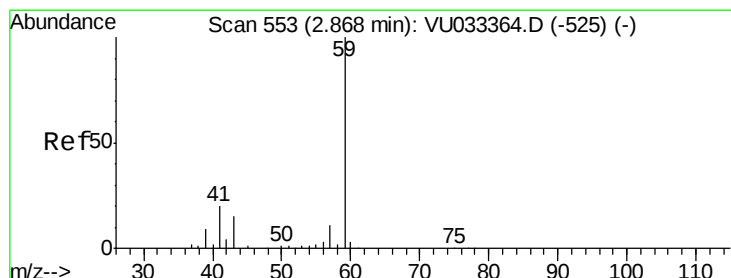
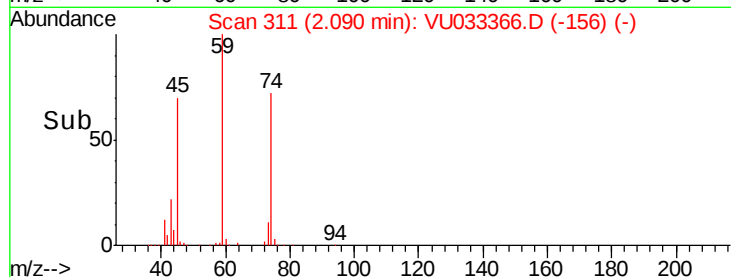
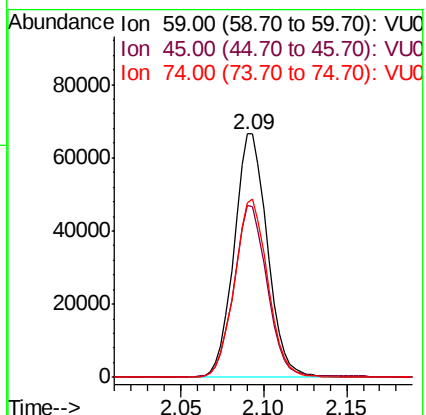
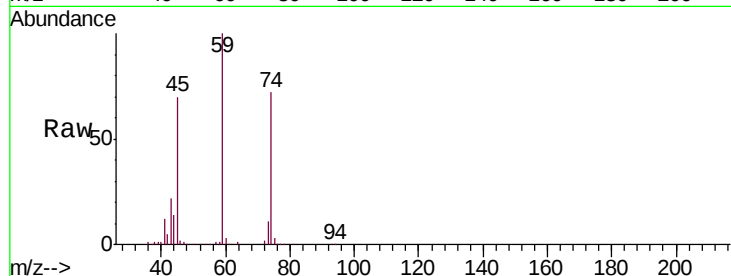
Tgt Ion: 59 Resp: 92829

Ion Ratio Lower Upper

59 100

45 70.1 57.6 86.4

74 73.4 57.8 86.6



#24

tert-Butyl Alcohol

Concen: 49.152 ug/l

RT: 2.87 min Scan# 554

Delta R.T. 0.00 min

Lab File: VU033366.D

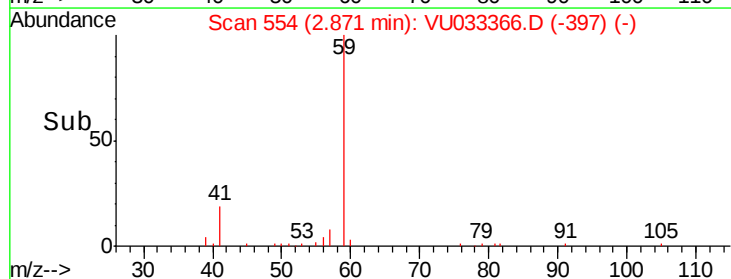
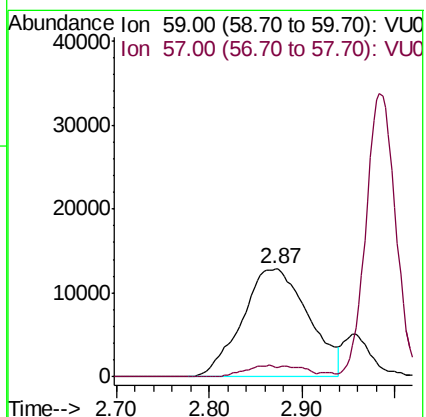
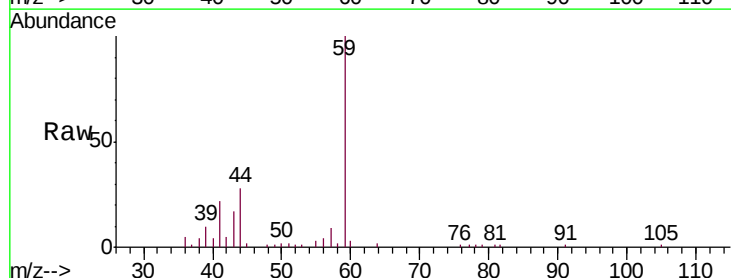
Acq: 22 Jul 2019 21:52

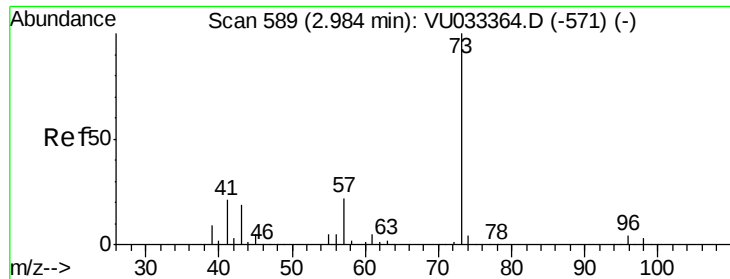
Tgt Ion: 59 Resp: 63895

Ion Ratio Lower Upper

59 100

57 4.7 7.8 11.8#





#25

Methyl tert-Butyl Ether

Concen: 9.689 ug/l

RT: 2.98 min Scan# 589

Delta R.T. -0.00 min

Lab File: VU033366.D

Acq: 22 Jul 2019 21:52

Instrument :

MSVOA_U

ClientSampleId :

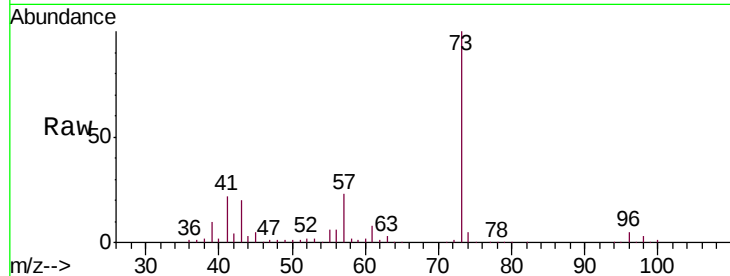
ICVVU072219

Tgt Ion: 73 Resp: 32545

Ion Ratio Lower Upper

73 100

43 19.6 16.6 24.8



Abundance Ion 73.00 (72.70 to 73.70): VU033366.D (-571) (-)

Ion 43.00 (42.70 to 43.70): VU033366.D (-571) (-)

2.98

150000

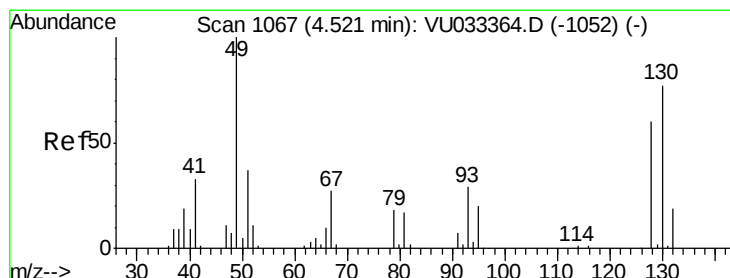
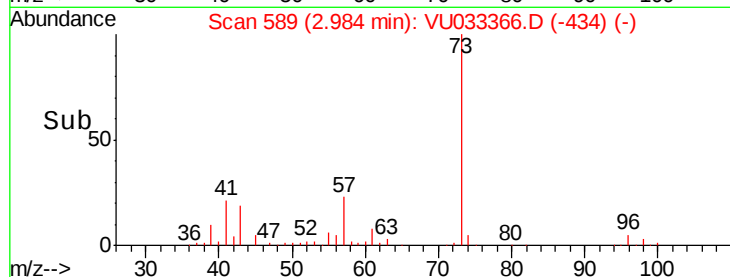
100000

50000

0

2.90 3.00 3.10

Time-->



#26

Bromochloromethane

Concen: 9.947 ug/l

RT: 4.52 min Scan# 1068

Delta R.T. 0.00 min

Lab File: VU033366.D

Acq: 22 Jul 2019 21:52

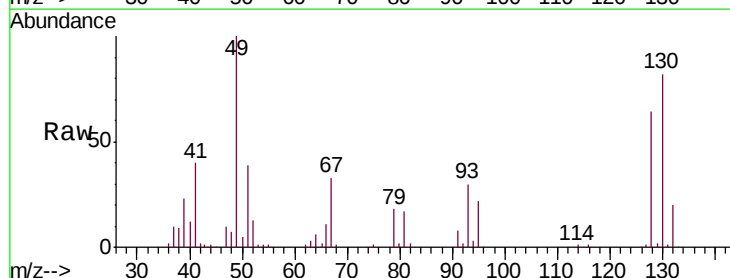
Tgt Ion: 128 Resp: 45936

Ion Ratio Lower Upper

128 100

49 159.1 0.0 333.4

130 128.1 103.4 155.2



Abundance Ion 128.00 (127.70 to 128.70): VU033366.D (-1052) (-)

Ion 49.00 (48.70 to 49.70): VU033366.D (-1052) (-)

Ion 130.00 (129.70 to 130.70): VU033366.D (-1052) (-)

4.52

40000

30000

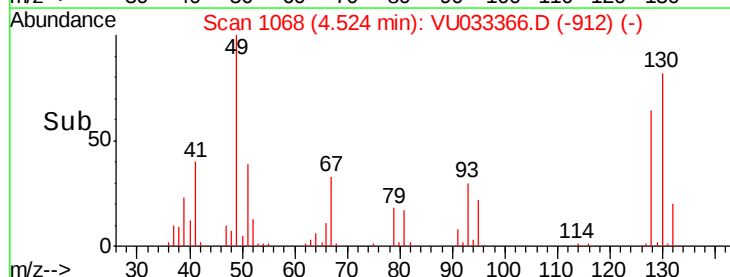
20000

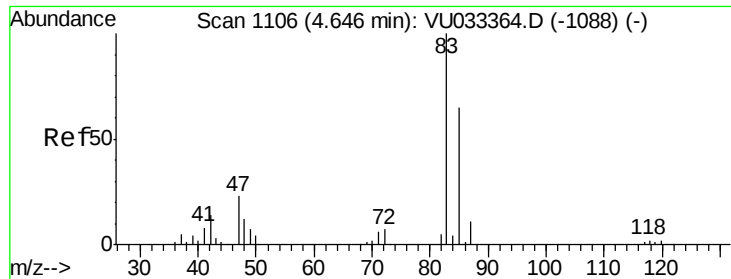
10000

0

4.50 4.60

Time-->

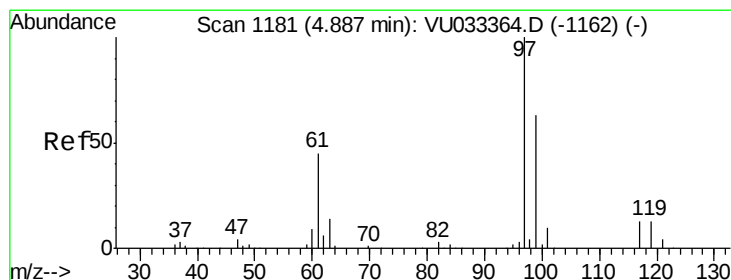
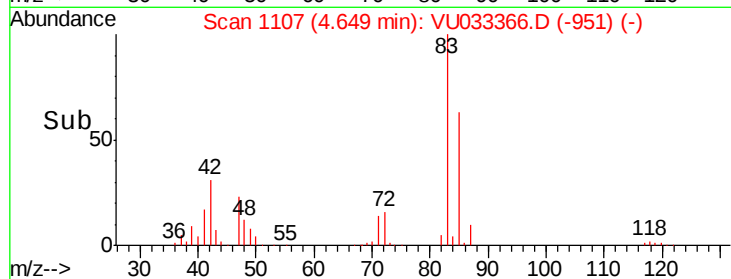
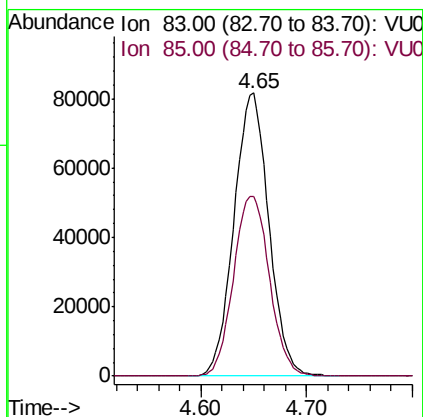
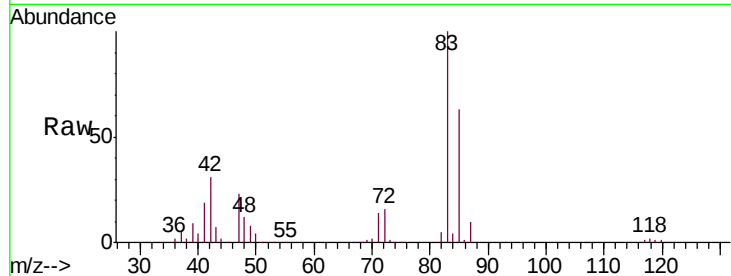




#27
 Chloroform
 Concen: 8.812 ug/l
 RT: 4.65 min Scan# 1107
 Delta R.T. 0.00 min
 Lab File: VU033366.D
 Acq: 22 Jul 2019 21:52

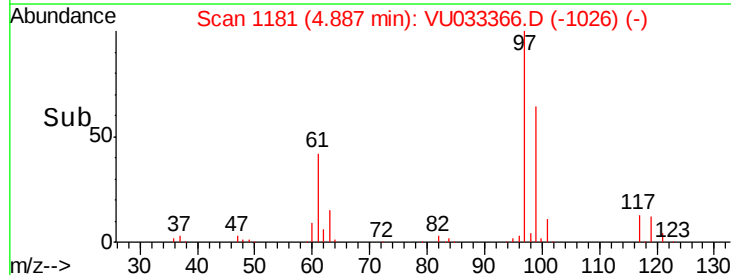
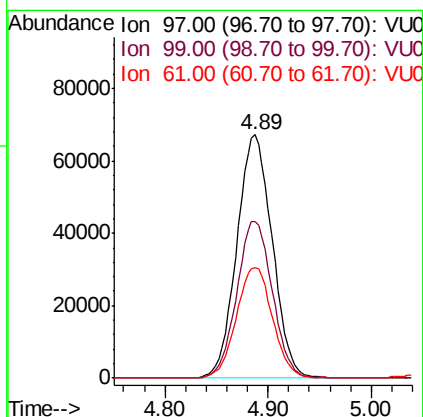
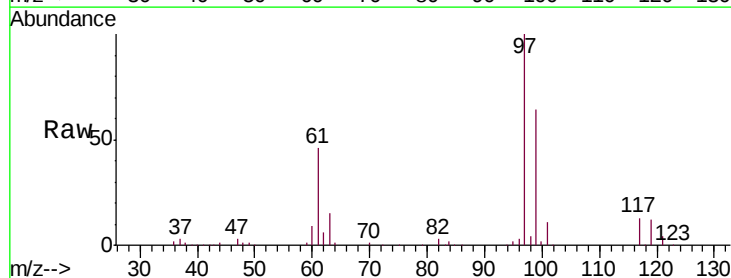
Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU072219

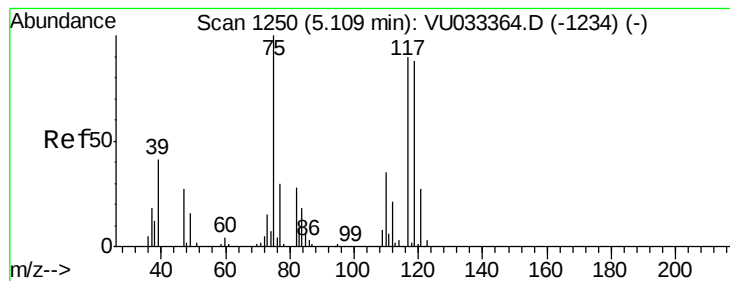
Tgt Ion: 83 Resp: 187309
 Ion Ratio Lower Upper
 83 100
 85 63.4 0.0 129.8



#28
 1,1,1-Trichloroethane
 Concen: 9.759 ug/l
 RT: 4.89 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VU033366.D
 Acq: 22 Jul 2019 21:52

Tgt Ion: 97 Resp: 160591
 Ion Ratio Lower Upper
 97 100
 99 64.5 31.9 95.5
 61 46.4 22.7 68.0





#29

1,1-Dichloropropene

Concen: 10.105 ug/l

RT: 5.11 min Scan# 1249

Delta R.T. -0.00 min

Lab File: VU033366.D

Acq: 22 Jul 2019 21:52

Instrument :

MSVOA_U

ClientSampleId :

ICVVU072219

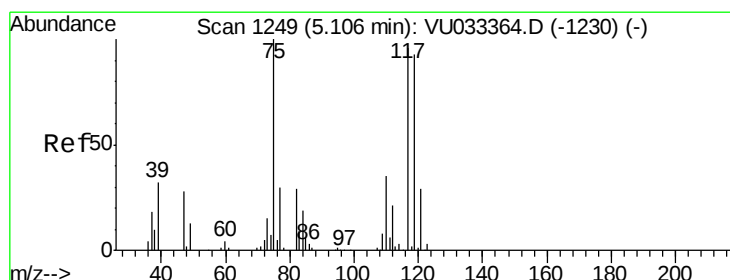
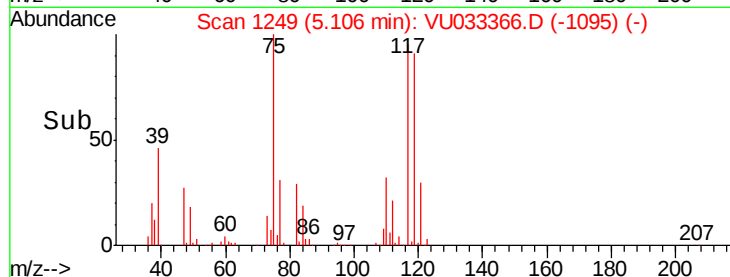
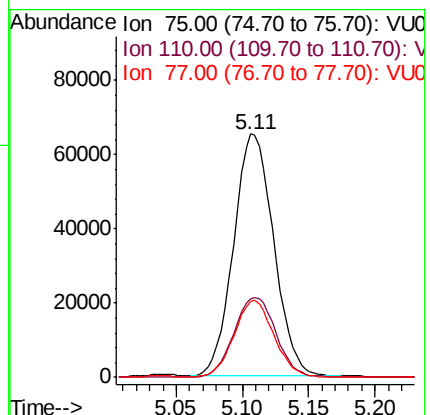
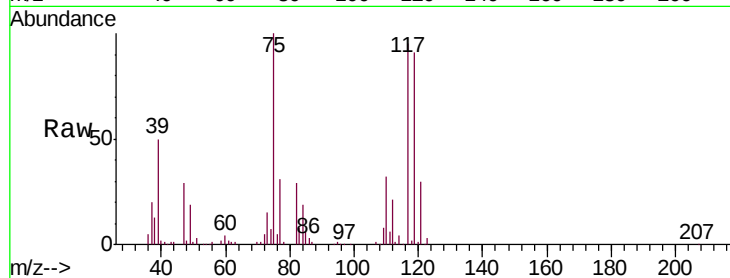
Tgt Ion: 75 Resp: 137155

Ion Ratio Lower Upper

75 100

110 34.8 17.5 52.6

77 31.0 25.1 37.7



#30

Carbon Tetrachloride

Concen: 9.750 ug/l

RT: 5.11 min Scan# 1249

Delta R.T. -0.00 min

Lab File: VU033366.D

Acq: 22 Jul 2019 21:52

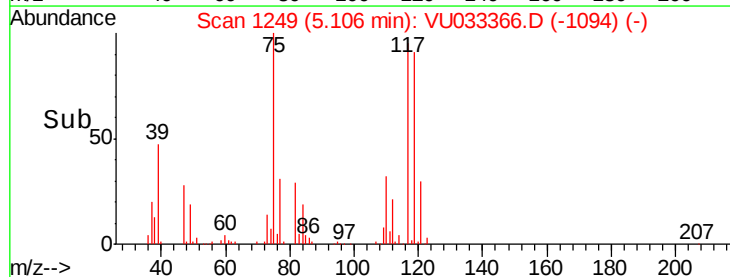
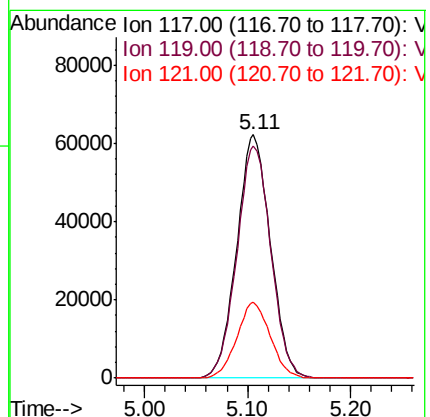
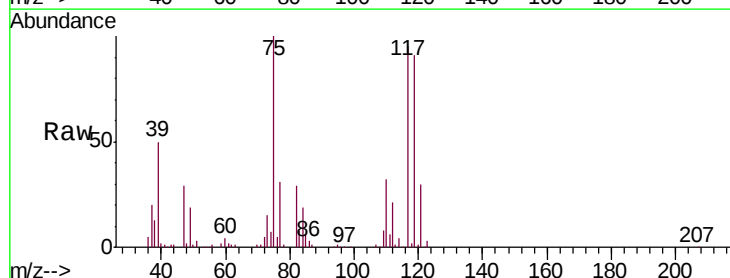
Tgt Ion: 117 Resp: 141218

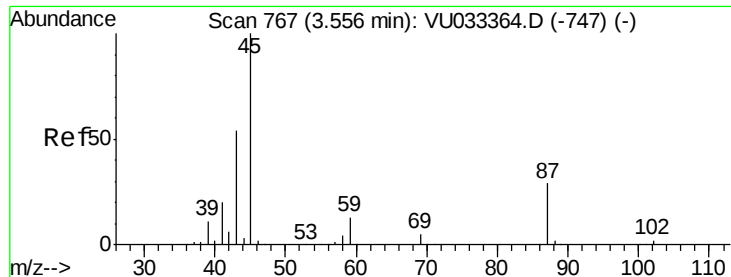
Ion Ratio Lower Upper

117 100

119 95.4 77.9 116.9

121 31.2 24.0 36.0





#31

Isopropyl Ether

Concen: 11.274 ug/l

RT: 3.56 min Scan# 767

Delta R.T. -0.00 min

Lab File: VU033366.D

Acq: 22 Jul 2019 21:52

Instrument :

MSVOA_U

ClientSampleId :

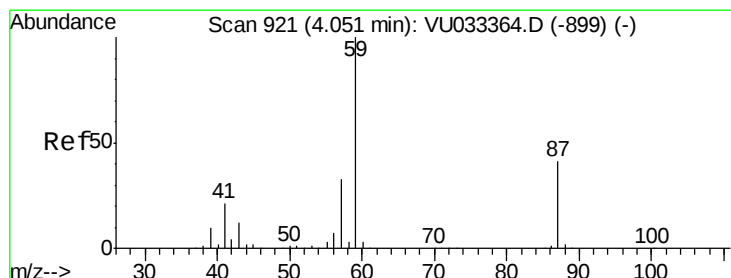
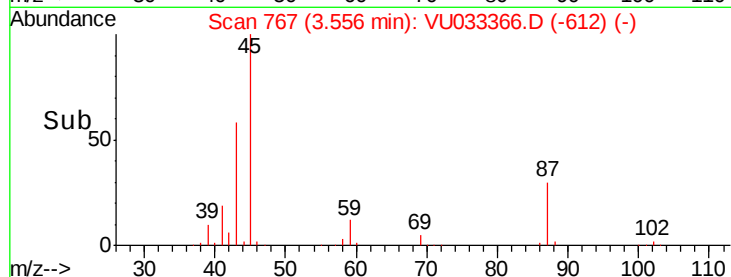
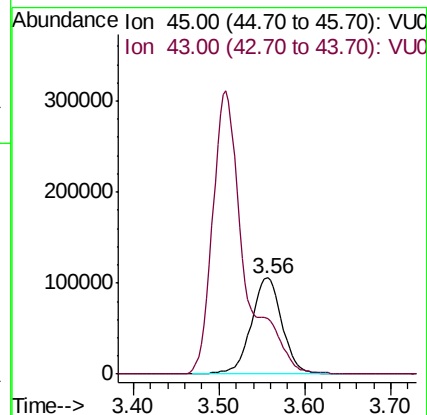
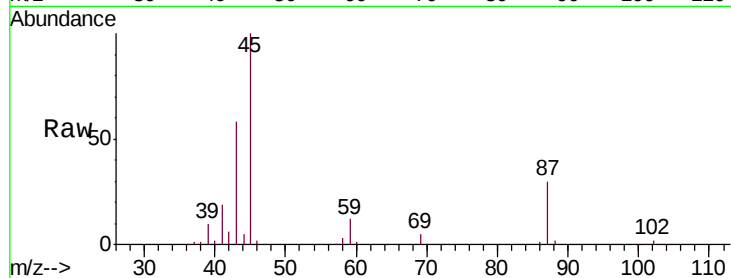
ICVVU072219

Tgt Ion: 45 Resp: 265014

Ion Ratio Lower Upper

45 100

43 302.8 27.8 83.3#



#32

Ethyl-t-butyl ether

Concen: 0.204 ug/l

RT: 4.20 min Scan# 968

Delta R.T. 0.15 min

Lab File: VU033366.D

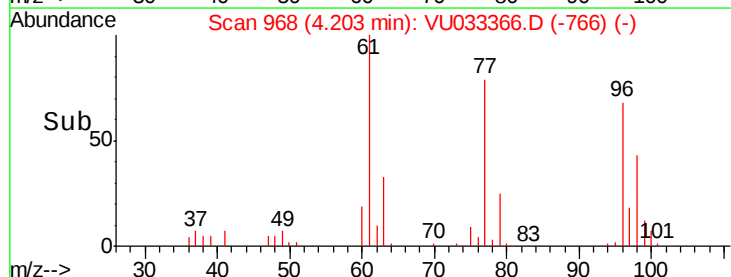
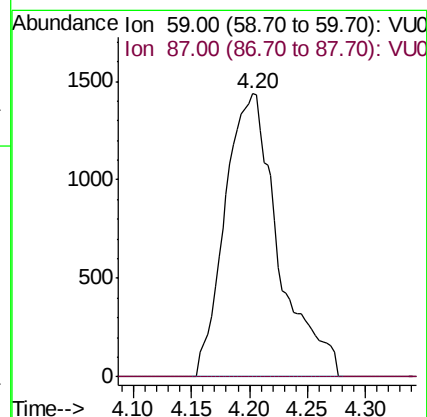
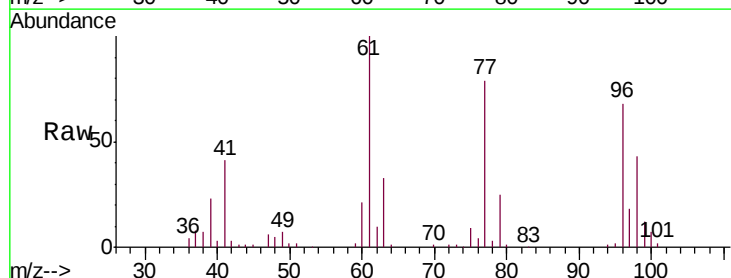
Acq: 22 Jul 2019 21:52

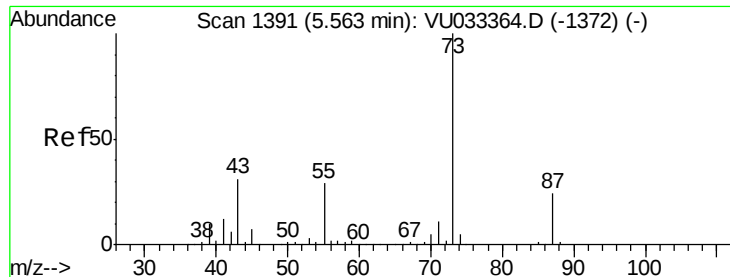
Tgt Ion: 59 Resp: 4609

Ion Ratio Lower Upper

59 100

87 0.0 33.8 50.6#

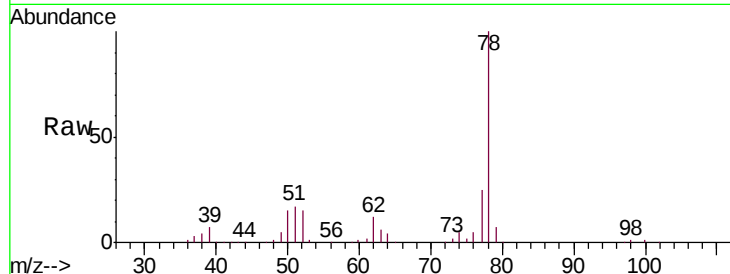




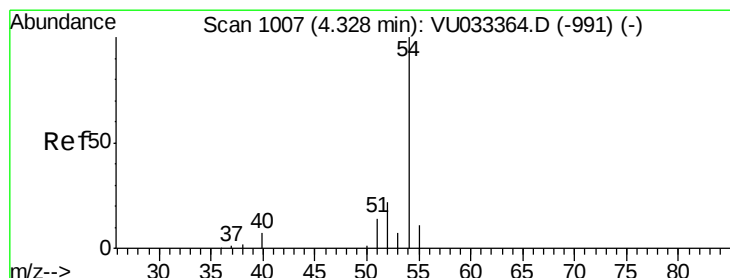
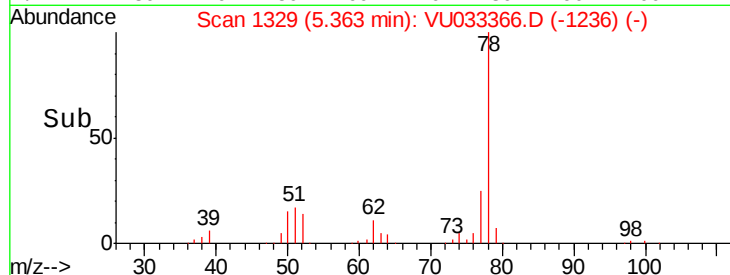
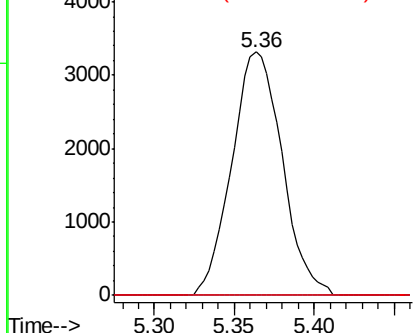
#33
Tert-Amyl methyl ether
Concen: 0.351 ug/l
RT: 5.36 min Scan# 1329
Delta R.T. -0.20 min
Lab File: VU033366.D
Acq: 22 Jul 2019 21:52

Instrument :
MSVOA_U
ClientSampleId :
ICVVU072219

Tgt Ion: 73 Resp: 7141
Ion Ratio Lower Upper
73 100
87 230.1 18.9 28.3#
71 0.0 9.3 13.9#

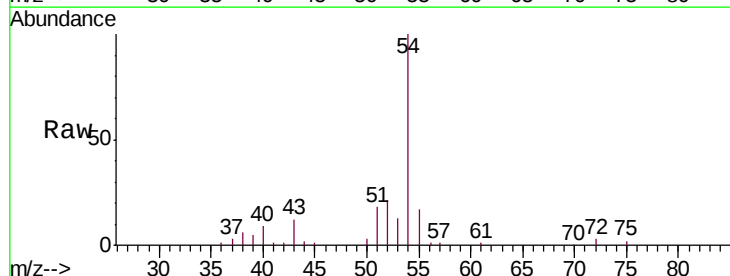


Abundance Ion 73.00 (72.70 to 73.70): VU0
Ion 87.00 (86.70 to 87.70): VU0
Ion 71.00 (70.70 to 71.70): VU0

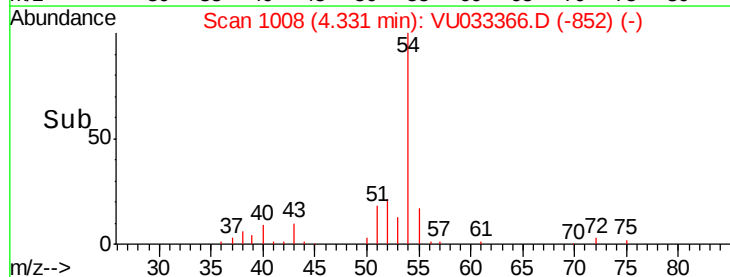
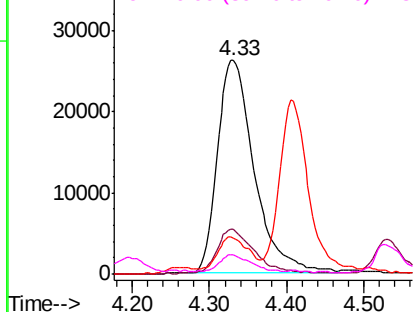


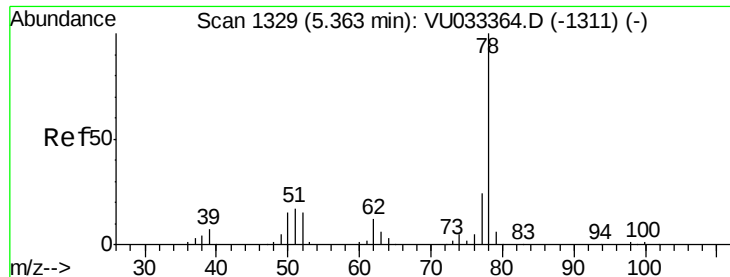
#34
Propionitrile
Concen: 114.094 ug/l
RT: 4.33 min Scan# 1008
Delta R.T. 0.00 min
Lab File: VU033366.D
Acq: 22 Jul 2019 21:52

Tgt Ion: 54 Resp: 86819
Ion Ratio Lower Upper
54 100
52 21.5 17.1 25.7
55 11.6 11.6 17.4#
40 5.8 3.5 5.3#



Abundance Ion 54.00 (53.70 to 54.70): VU0
Ion 52.00 (51.70 to 52.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 40.00 (39.70 to 40.70): VU0





#35

Benzene

Concen: 10.247 ug/l

RT: 5.36 min Scan# 1329

Delta R.T. -0.00 min

Lab File: VU033366.D

Acq: 22 Jul 2019 21:52

Instrument :

MSVOA_U

ClientSampleId :

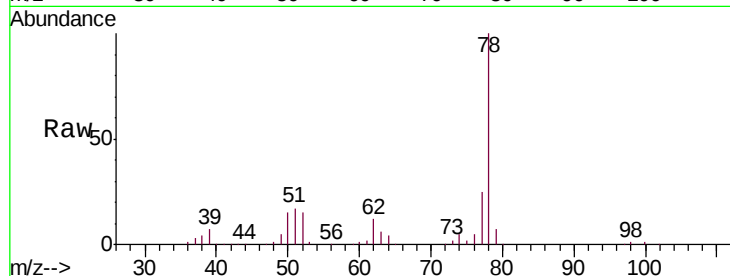
ICVVU072219

Tgt Ion: 78 Resp: 401835

Ion Ratio Lower Upper

78 100

77 24.7 19.4 29.2



Abundance Ion 78.10 (77.80 to 78.80): VU033366.D (-1311) (-)

Ion 77.00 (76.70 to 77.70): VU033366.D (-1311) (-)

5.36

200000

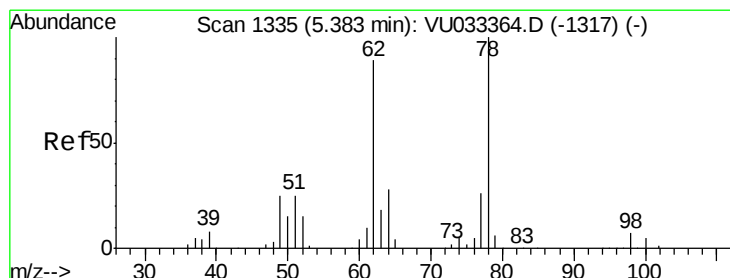
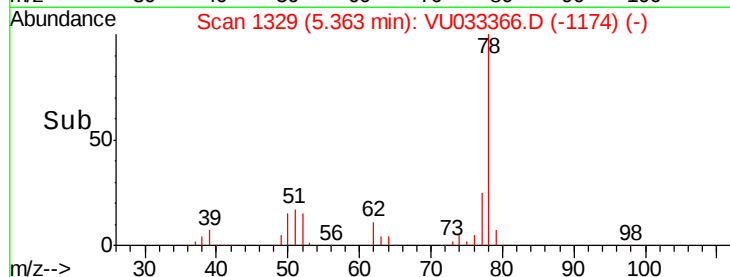
150000

100000

50000

0

Time-->



#36

1,2-Dichloroethane

Concen: 9.929 ug/l

RT: 5.38 min Scan# 1335

Delta R.T. -0.00 min

Lab File: VU033366.D

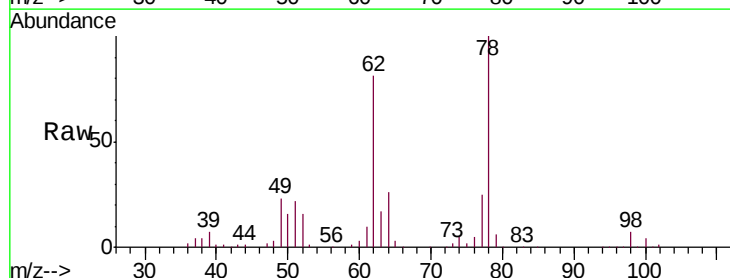
Acq: 22 Jul 2019 21:52

Tgt Ion: 62 Resp: 129588

Ion Ratio Lower Upper

62 100

98 8.5 6.5 9.7



Abundance Ion 62.00 (61.70 to 62.70): VU033366.D (-1335) (-)

Ion 98.00 (97.70 to 98.70): VU033366.D (-1335) (-)

5.38

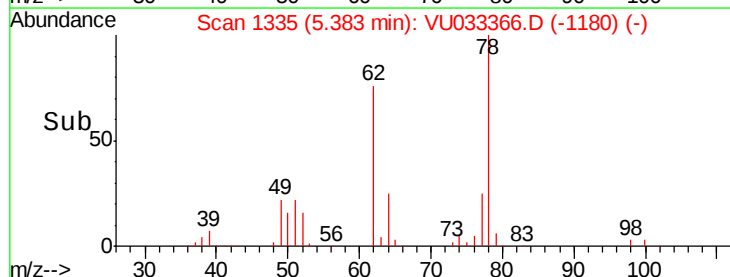
60000

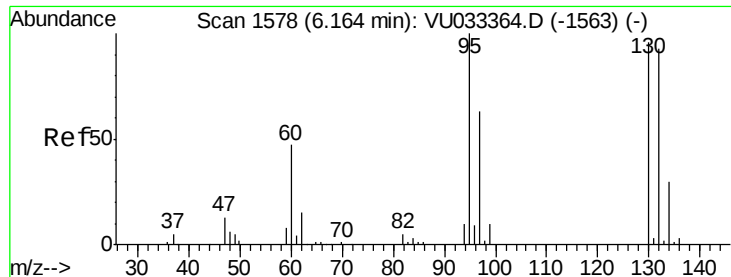
40000

20000

0

Time-->

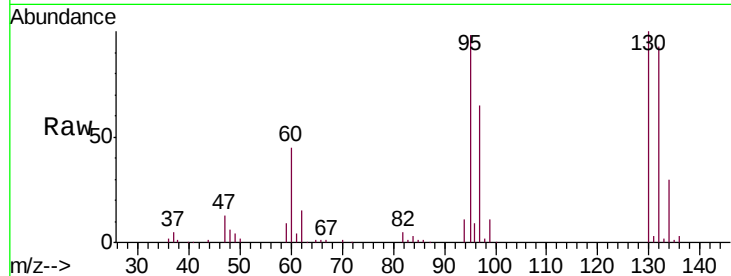




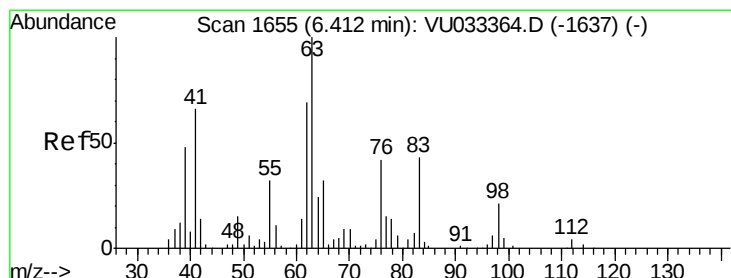
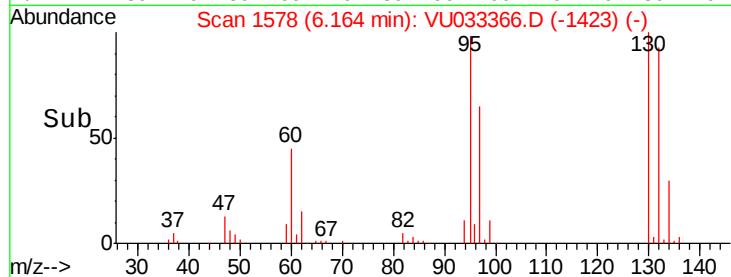
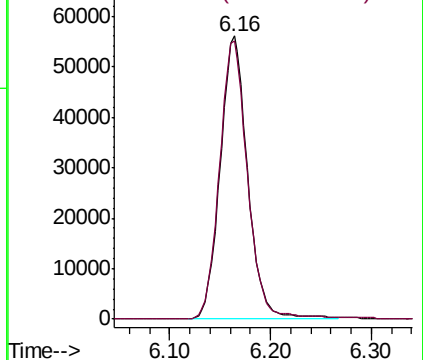
#37
 Trichloroethene
 Concen: 10.310 ug/l
 RT: 6.16 min Scan# 1578
 Delta R.T. -0.00 min
 Lab File: VU033366.D
 Acq: 22 Jul 2019 21:52

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU072219

Tgt Ion:130 Resp: 106716
 Ion Ratio Lower Upper
 130 100
 95 98.2 83.4 125.0

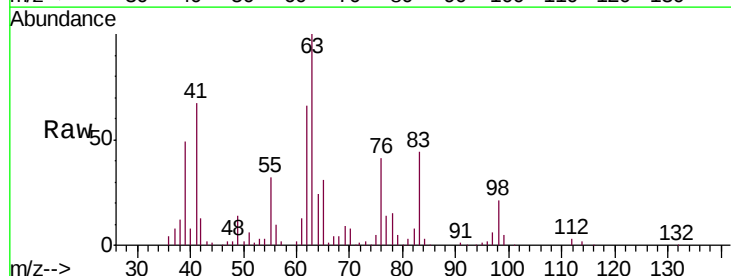


Abundance Ion 129.90 (129.60 to 130.60): VU033366.D (-1423) (-)
 Ion 94.90 (94.60 to 95.60): VU033366.D (-1423) (-)

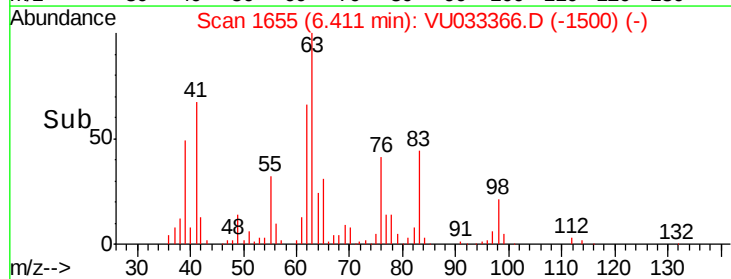
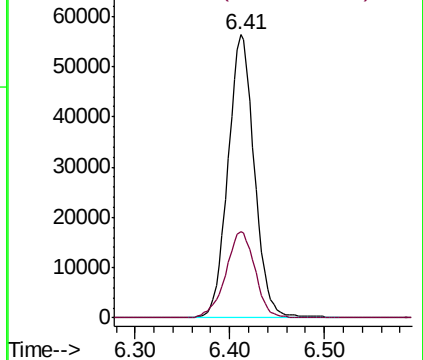


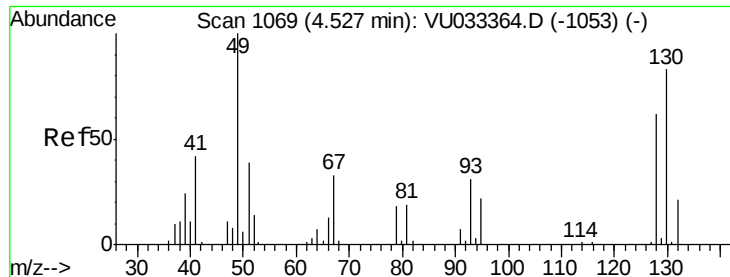
#38
 1,2-Dichloropropane
 Concen: 10.075 ug/l
 RT: 6.41 min Scan# 1655
 Delta R.T. -0.00 min
 Lab File: VU033366.D
 Acq: 22 Jul 2019 21:52

Tgt Ion: 63 Resp: 109010
 Ion Ratio Lower Upper
 63 100
 65 30.6 25.7 38.5



Abundance Ion 63.00 (62.70 to 63.70): VU033366.D (-1500) (-)
 Ion 65.00 (64.70 to 65.70): VU033366.D (-1500) (-)

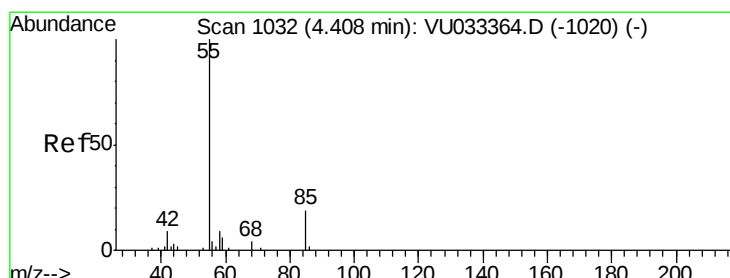
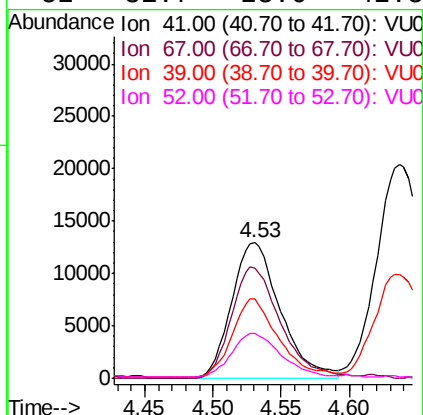
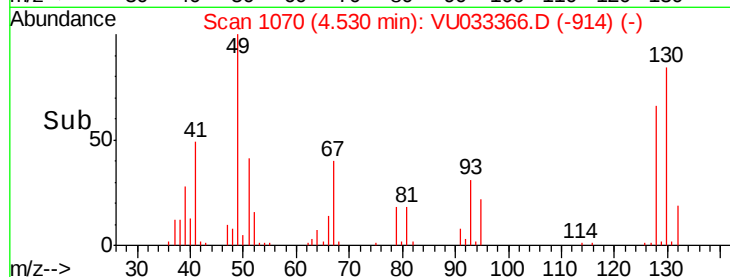
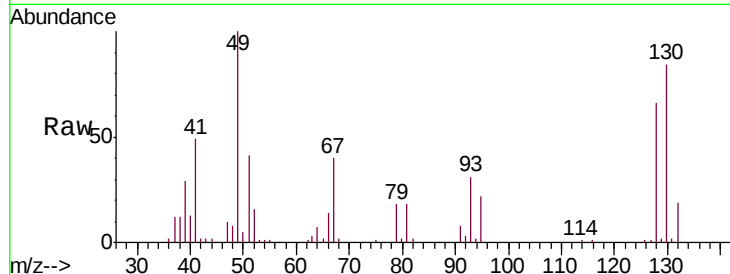




#39
Methacrylonitrile
Concen: 10.628 ug/l
RT: 4.53 min Scan# 1070
Delta R.T. 0.00 min
Lab File: VU033366.D
Acq: 22 Jul 2019 21:52

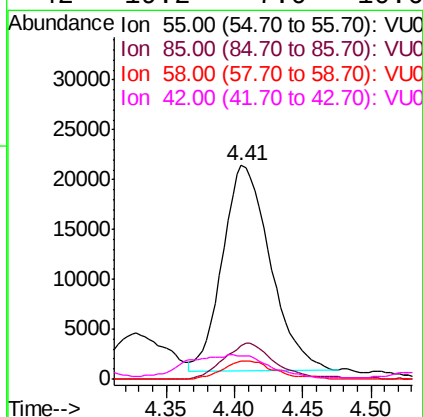
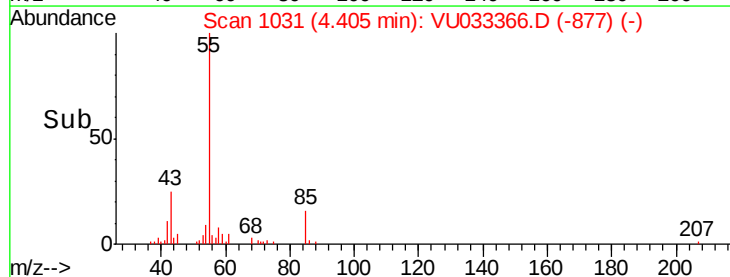
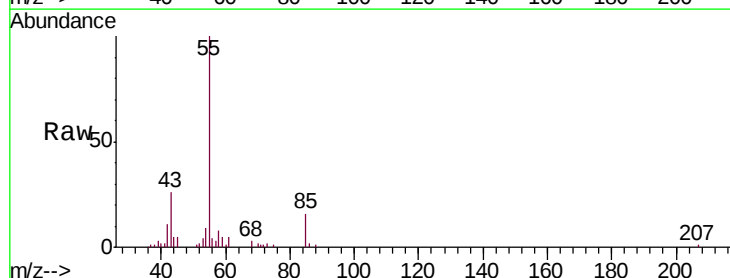
Instrument :
MSVOA_U
ClientSampleId :
ICVVU072219

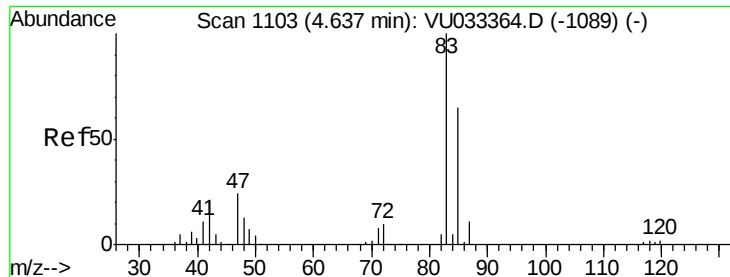
Tgt Ion:	41	Resp:	32102
Ion	Ratio	Lower	Upper
41	100		
67	82.4	64.4	96.6
39	54.4	46.8	70.2
52	31.7	28.6	42.8



#40
Methyl acrylate
Concen: 10.636 ug/l
RT: 4.41 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VU033366.D
Acq: 22 Jul 2019 21:52

Tgt Ion:	55	Resp:	49980
Ion	Ratio	Lower	Upper
55	100		
85	18.2	14.8	22.2
58	9.0	7.1	10.7
42	19.2	7.0	10.6#

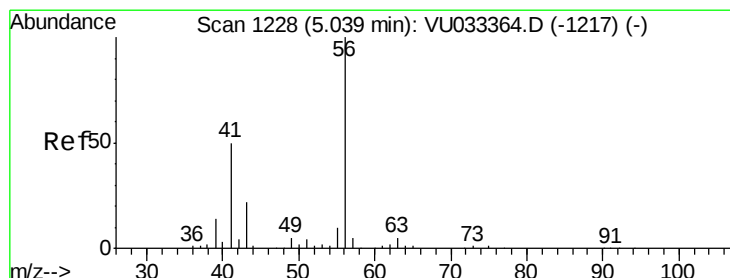
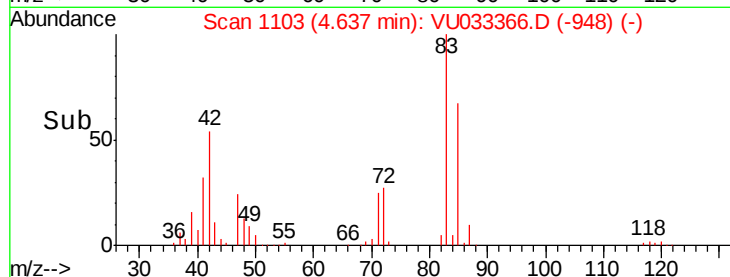
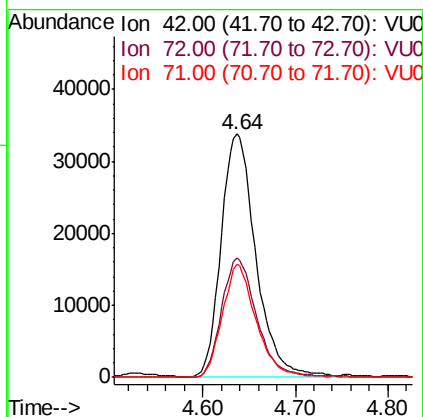
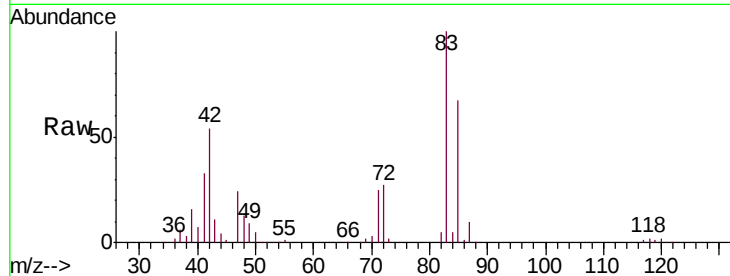




#41
Tetrahydrofuran
Concen: 58.312 ug/l
RT: 4.64 min Scan# 1103
Delta R.T. -0.00 min
Lab File: VU033366.D
Acq: 22 Jul 2019 21:52

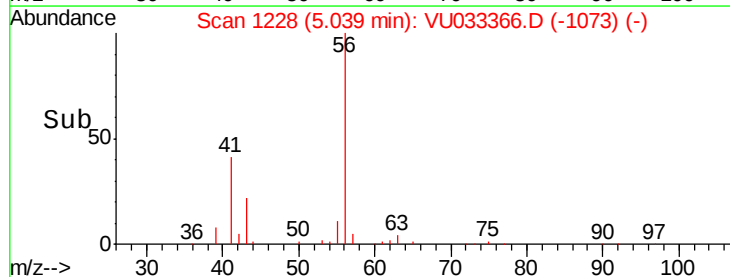
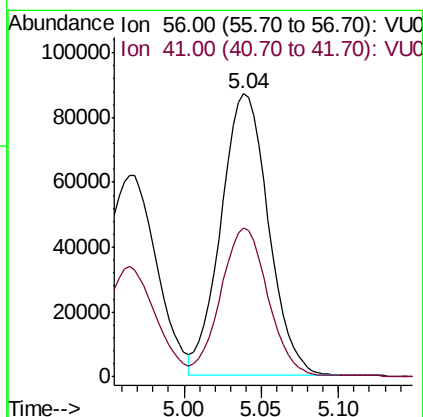
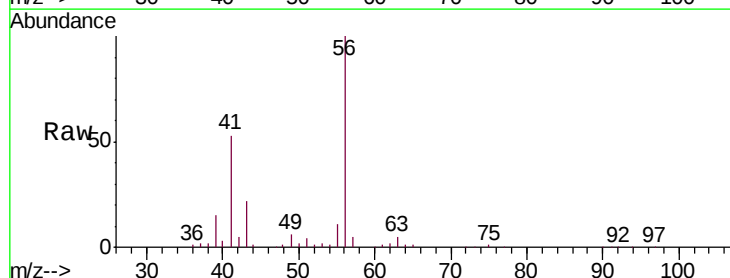
Instrument :
MSVOA_U
ClientSampleId :
ICVVU072219

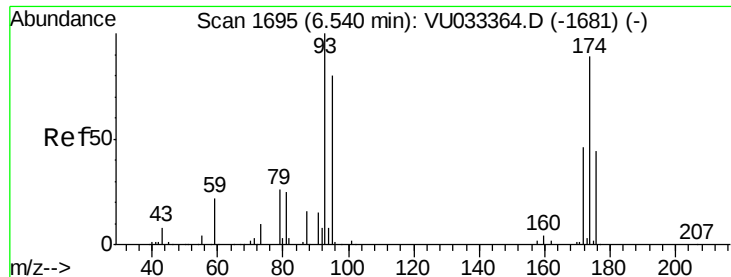
Tgt Ion: 42 Resp: 88321
Ion Ratio Lower Upper
42 100
72 49.0 38.7 58.1
71 44.8 34.6 52.0



#42
1-Chlorobutane
Concen: 10.177 ug/l
RT: 5.04 min Scan# 1228
Delta R.T. -0.00 min
Lab File: VU033366.D
Acq: 22 Jul 2019 21:52

Tgt Ion: 56 Resp: 185203
Ion Ratio Lower Upper
56 100
41 52.3 25.7 77.1

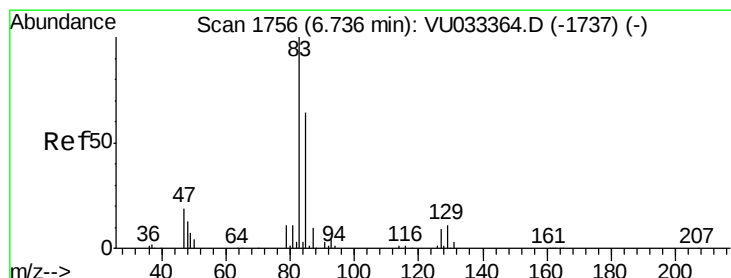
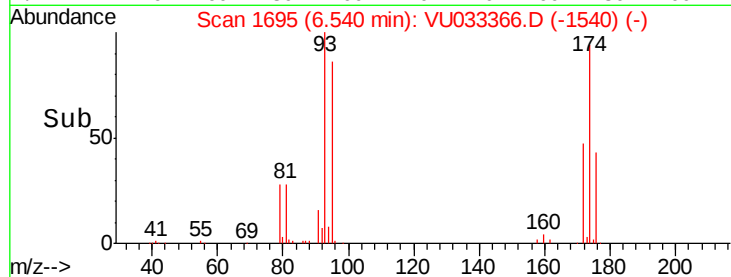
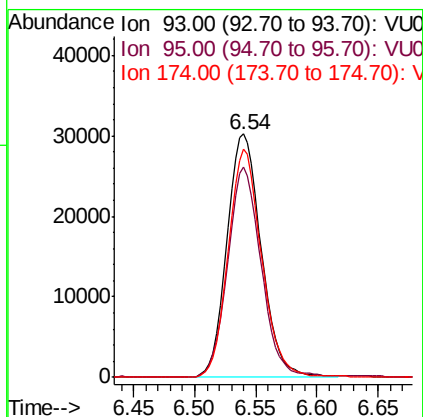
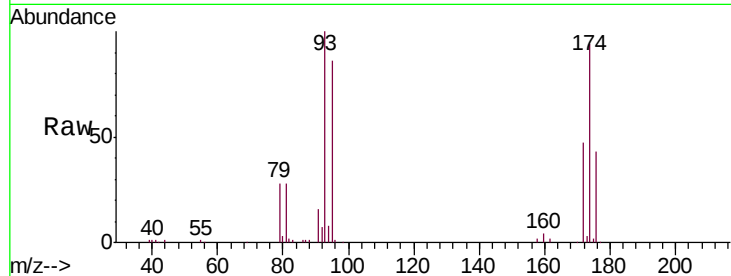




#43
Dibromomethane
Concen: 9.887 ug/l
RT: 6.54 min Scan# 1695
Delta R.T. -0.00 min
Lab File: VU033366.D
Acq: 22 Jul 2019 21:52

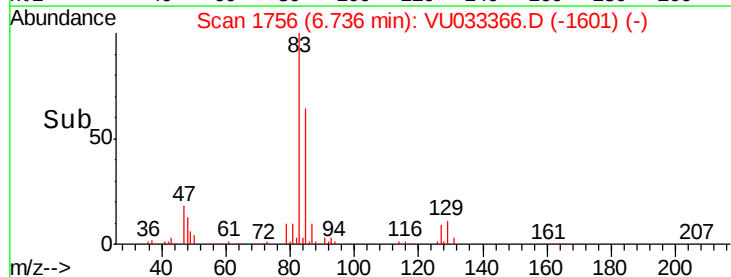
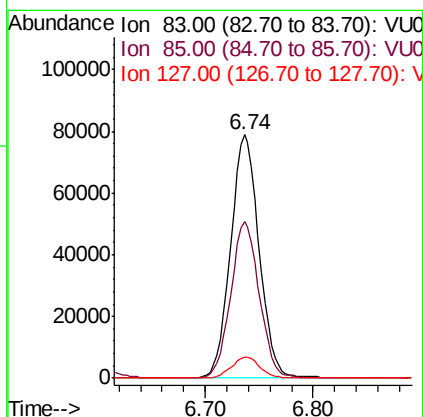
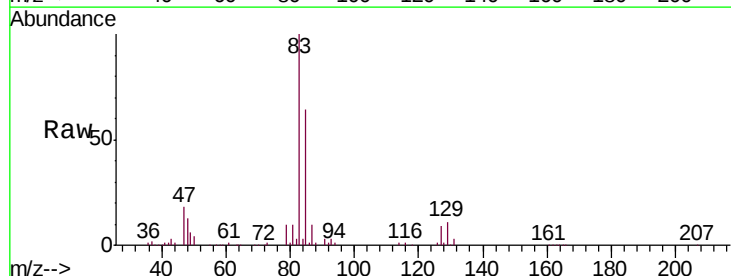
Instrument :
MSVOA_U
ClientSampleId :
ICVVU072219

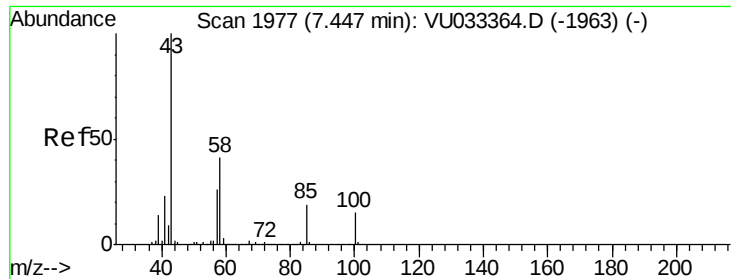
Tgt Ion: 93 Resp: 59227
Ion Ratio Lower Upper
93 100
95 84.8 65.3 97.9
174 91.2 70.7 106.1



#44
Bromodichloromethane
Concen: 10.060 ug/l
RT: 6.74 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VU033366.D
Acq: 22 Jul 2019 21:52

Tgt Ion: 83 Resp: 145297
Ion Ratio Lower Upper
83 100
85 64.3 51.1 76.7
127 8.6 7.2 10.8

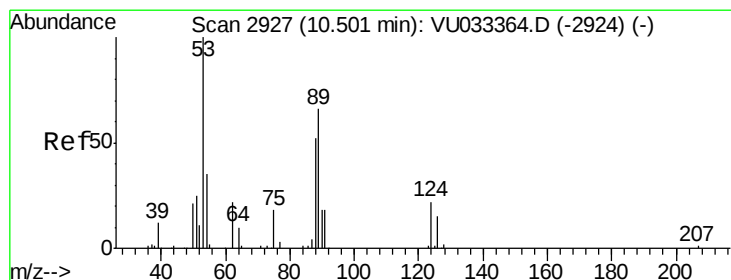
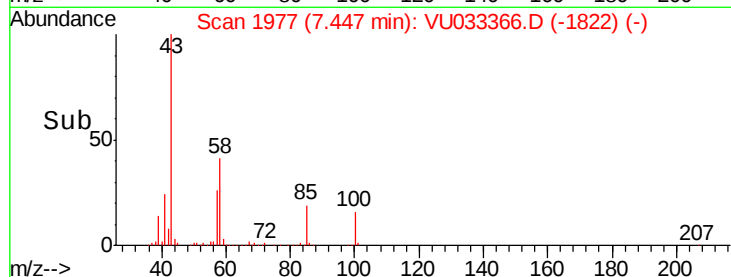
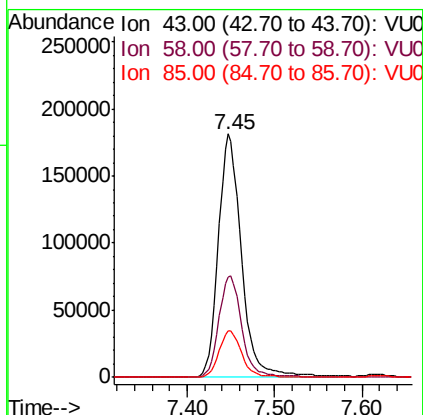
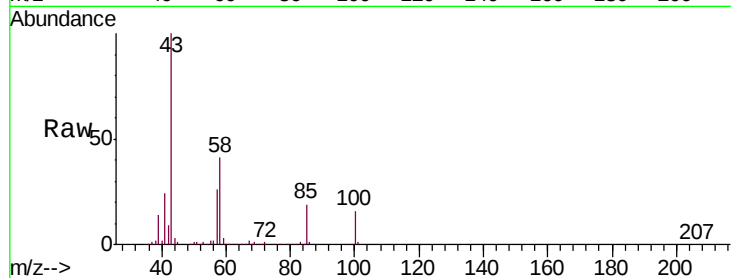




#45
 4-Methyl-2-Pentanone
 Concen: 54.626 ug/l
 RT: 7.45 min Scan# 1977
 Delta R.T. -0.00 min
 Lab File: VU033366.D
 Acq: 22 Jul 2019 21:52

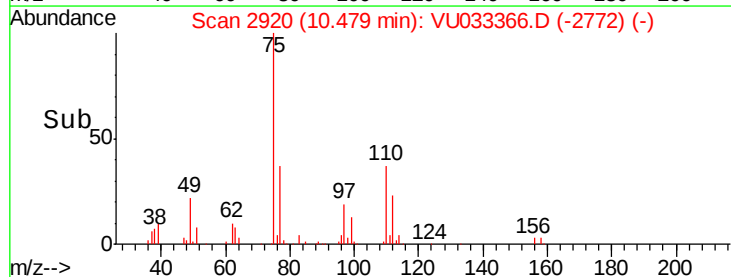
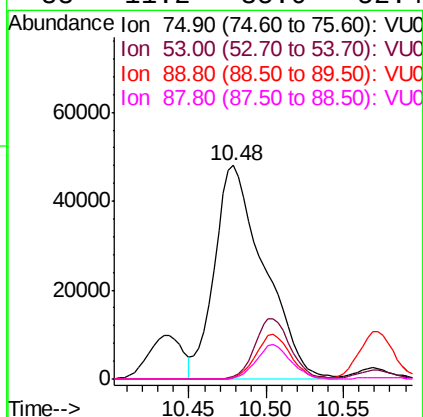
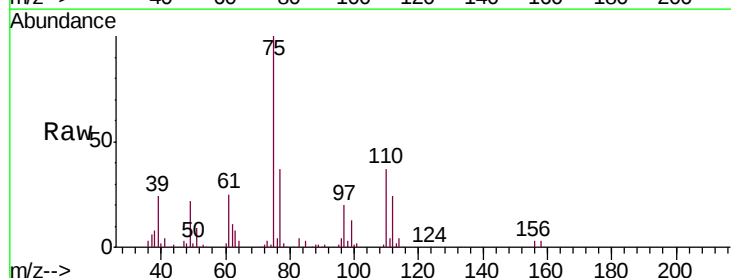
Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU072219

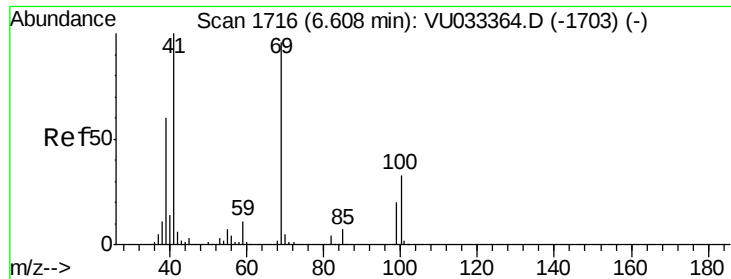
Tgt Ion: 43 Resp: 333727
 Ion Ratio Lower Upper
 43 100
 58 41.6 20.3 60.8
 85 19.0 15.0 22.6



#46
 t-1,4-Dichloro-2-butene
 Concen: 43.406 ug/l
 RT: 10.48 min Scan# 2920
 Delta R.T. -0.02 min
 Lab File: VU033366.D
 Acq: 22 Jul 2019 21:52

Tgt Ion: 75 Resp: 107020
 Ion Ratio Lower Upper
 75 100
 53 20.5 62.9 94.3#
 89 14.5 43.0 64.4#
 88 11.2 35.0 52.4#

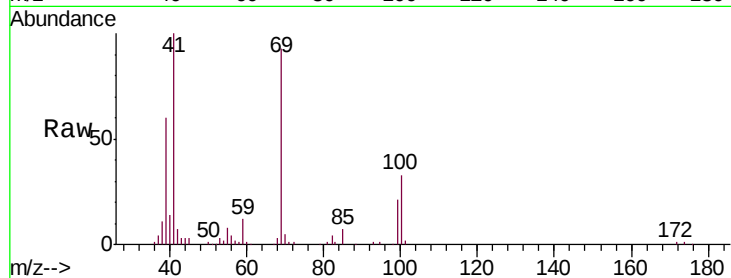




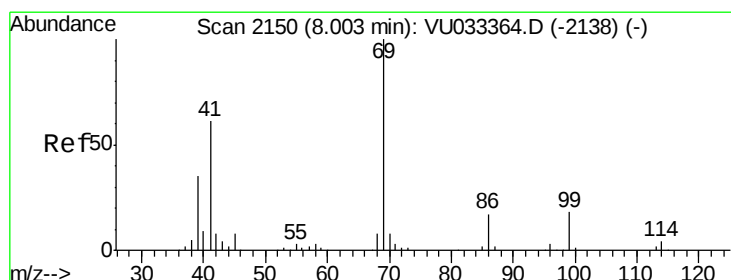
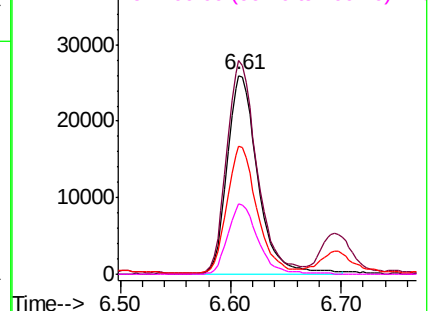
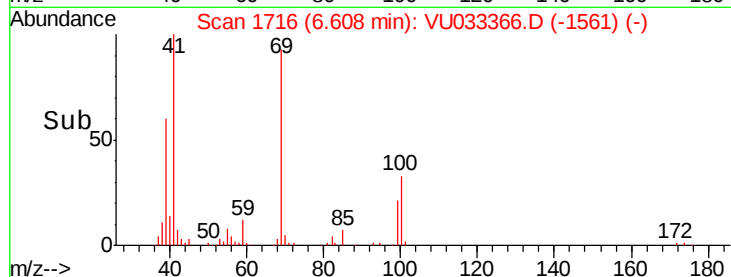
#47
Methyl methacrylate
Concen: 10.959 ug/l
RT: 6.61 min Scan# 1716
Delta R.T. -0.00 min
Lab File: VU033366.D
Acq: 22 Jul 2019 21:52

Instrument :
MSVOA_U
ClientSampleId :
ICVVU072219

Tgt Ion: 69 Resp: 50034
Ion Ratio Lower Upper
69 100
41 104.8 0.0 208.2
39 61.8 50.6 75.8
100 34.7 27.2 40.8

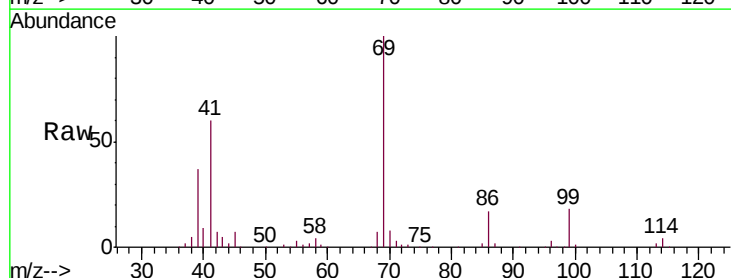


Abundance Ion 69.00 (68.70 to 69.70): VU0
Ion 41.00 (40.70 to 41.70): VU0
Ion 39.00 (38.70 to 39.70): VU0
Ion 100.00 (99.70 to 100.70): VU0

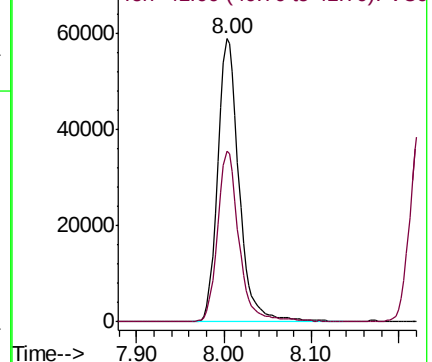
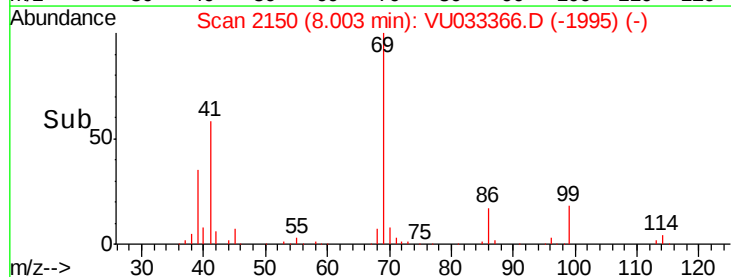


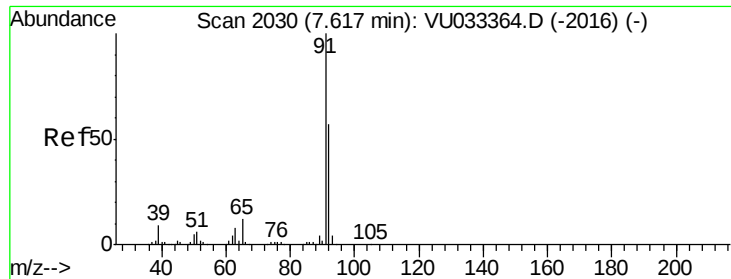
#48
Ethyl methacrylate
Concen: 12.434 ug/l
RT: 8.00 min Scan# 2150
Delta R.T. -0.00 min
Lab File: VU033366.D
Acq: 22 Jul 2019 21:52

Tgt Ion: 69 Resp: 100059
Ion Ratio Lower Upper
69 100
41 60.8 30.9 92.7



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





#49

Toluene

Concen: 11.268 ug/l

RT: 7.62 min Scan# 2030

Delta R.T. -0.00 min

Lab File: VU033366.D

Acq: 22 Jul 2019 21:52

Instrument :

MSVOA_U

ClientSampleId :

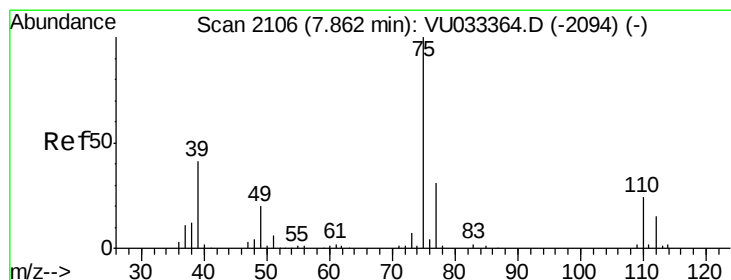
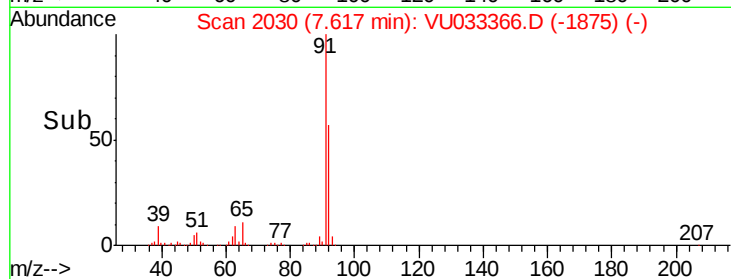
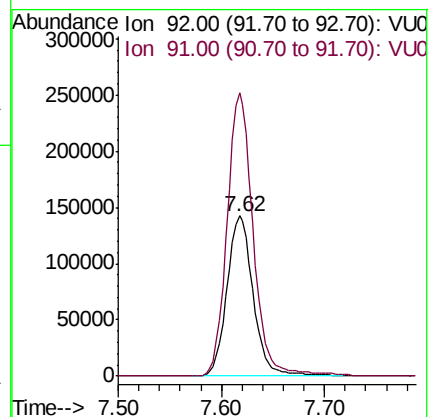
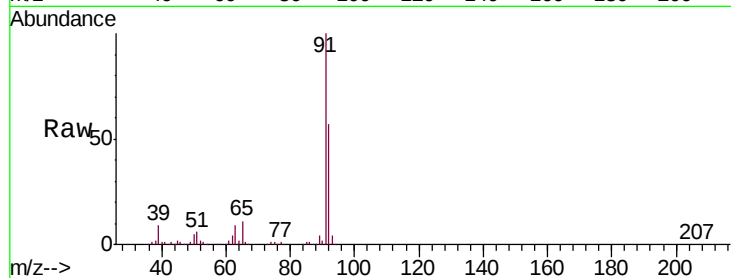
ICVVU072219

Tgt Ion: 92 Resp: 253144

Ion Ratio Lower Upper

92 100

91 176.3 142.1 213.1



#50

t-1,3-Dichloropropene

Concen: 11.227 ug/l

RT: 7.86 min Scan# 2106

Delta R.T. -0.00 min

Lab File: VU033366.D

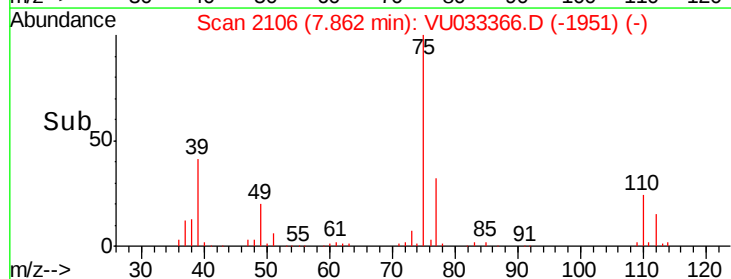
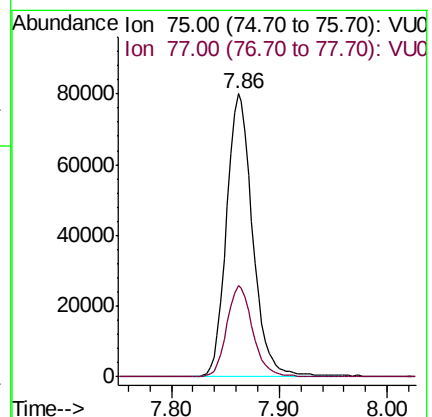
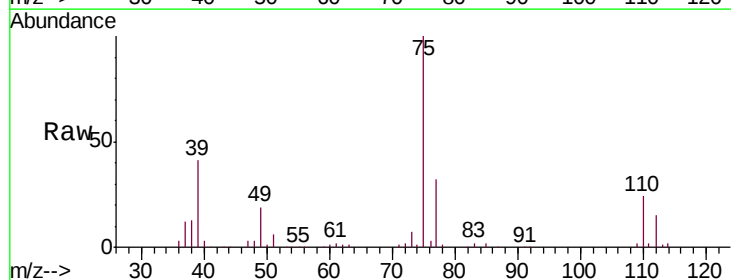
Acq: 22 Jul 2019 21:52

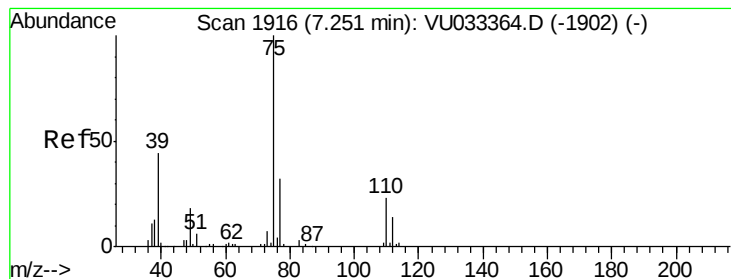
Tgt Ion: 75 Resp: 135252

Ion Ratio Lower Upper

75 100

77 32.1 25.2 37.8



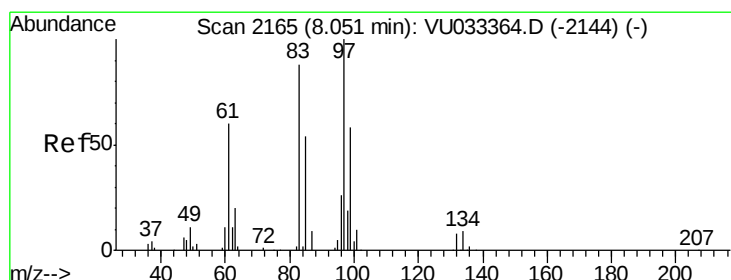
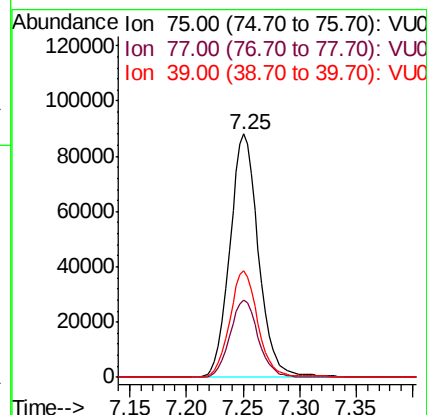
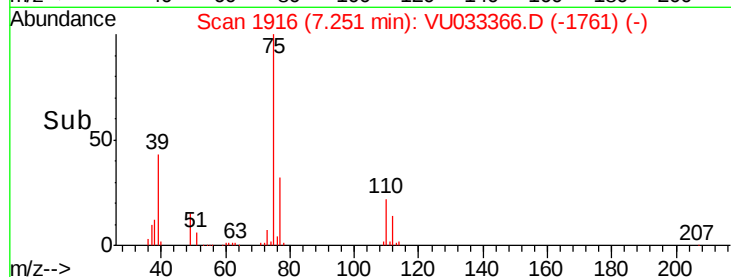
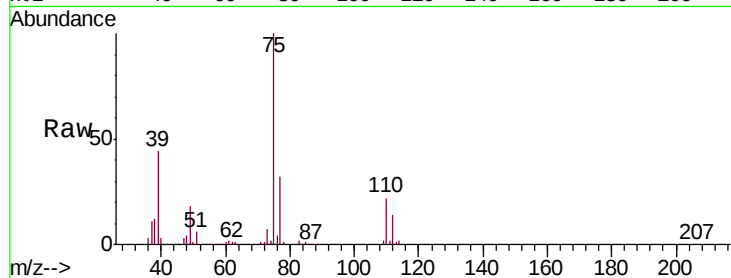


#51

cis-1,3-Dichloropropene
Concen: 10.873 ug/l
RT: 7.25 min Scan# 1916
Delta R.T. -0.00 min
Lab File: VU033366.D
Acq: 22 Jul 2019 21:52

Instrument :
MSVOA_U
ClientSampleId :
ICVVU072219

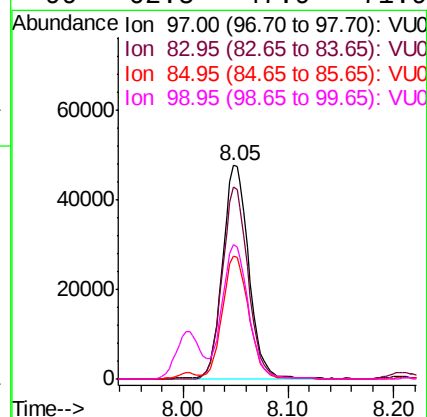
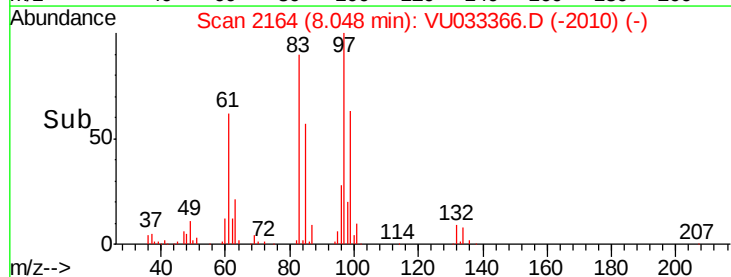
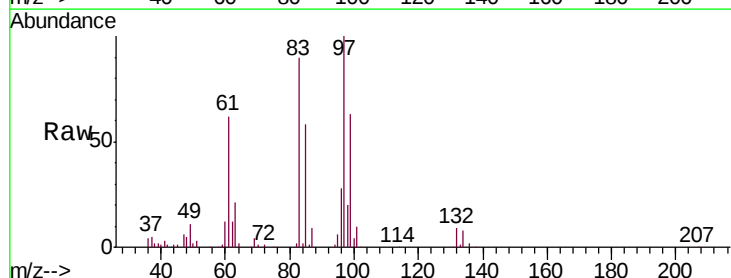
Tgt Ion: 75 Resp: 154643
Ion Ratio Lower Upper
75 100
77 31.7 25.8 38.8
39 43.5 35.2 52.8

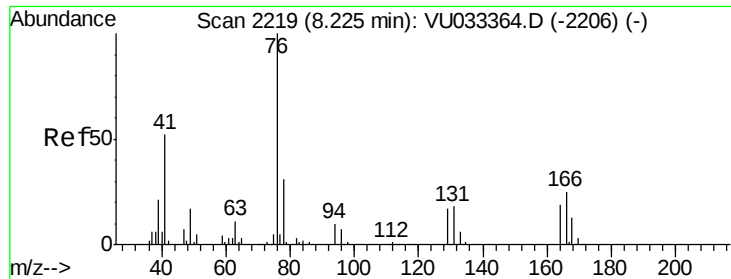


#52

1,1,2-Trichloroethane
Concen: 10.225 ug/l
RT: 8.05 min Scan# 2164
Delta R.T. -0.00 min
Lab File: VU033366.D
Acq: 22 Jul 2019 21:52

Tgt Ion: 97 Resp: 81861
Ion Ratio Lower Upper
97 100
83 90.2 70.2 105.2
85 57.7 43.5 65.3
99 62.5 47.9 71.9

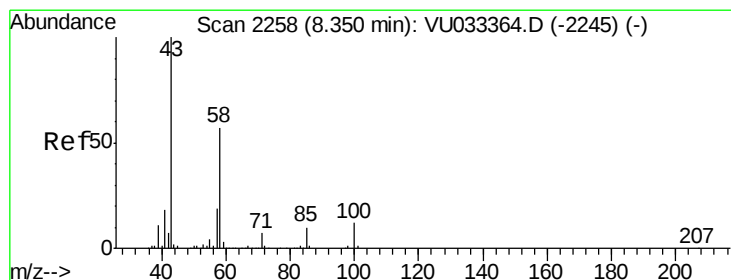
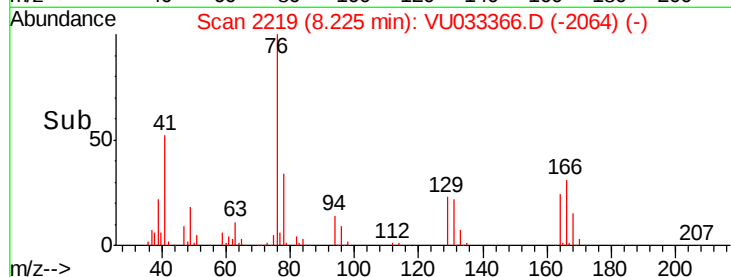
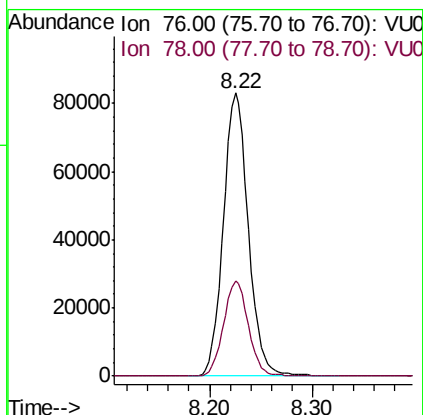
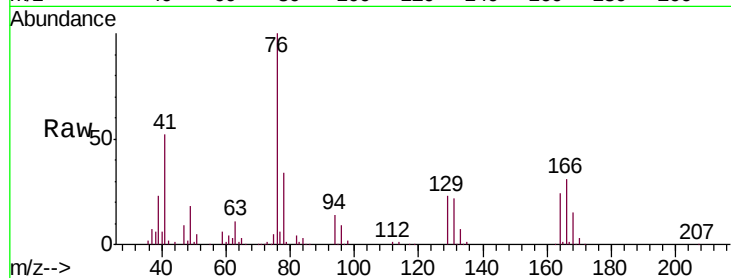




#53
 1,3-Dichloropropane
 Concen: 10.358 ug/l
 RT: 8.22 min Scan# 2219
 Delta R.T. -0.00 min
 Lab File: VU033366.D
 Acq: 22 Jul 2019 21:52

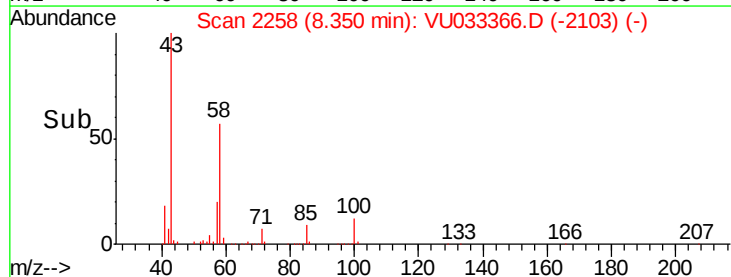
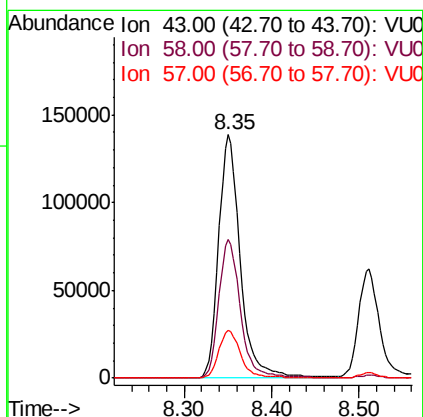
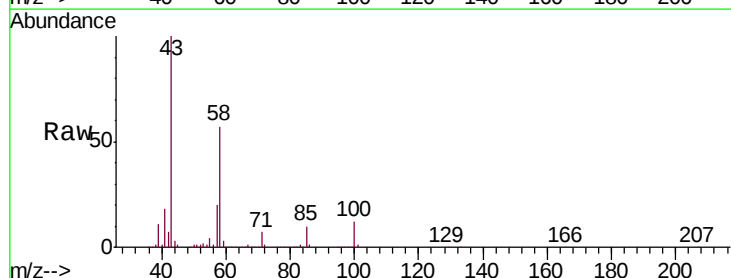
Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU072219

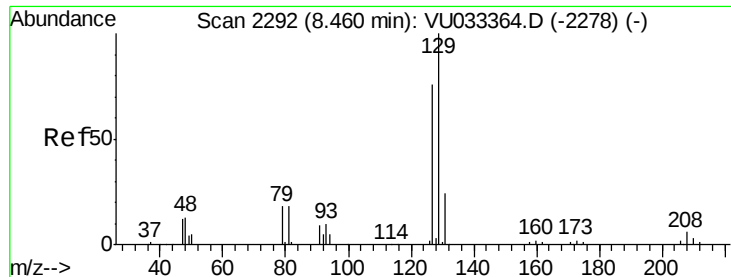
Tgt Ion: 76 Resp: 140116
 Ion Ratio Lower Upper
 76 100
 78 33.4 25.7 38.5



#54
 2-Hexanone
 Concen: 55.714 ug/l
 RT: 8.35 min Scan# 2258
 Delta R.T. -0.00 min
 Lab File: VU033366.D
 Acq: 22 Jul 2019 21:52

Tgt Ion: 43 Resp: 239602
 Ion Ratio Lower Upper
 43 100
 58 56.9 36.0 76.0
 57 19.9 0.0 39.4

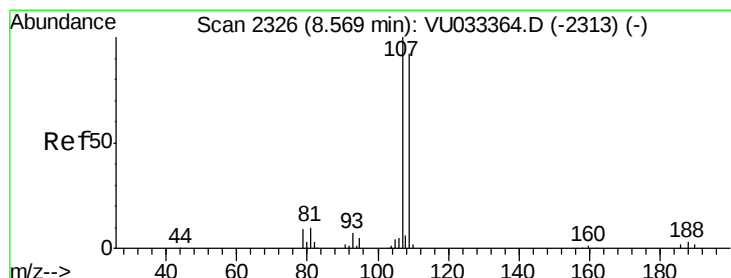
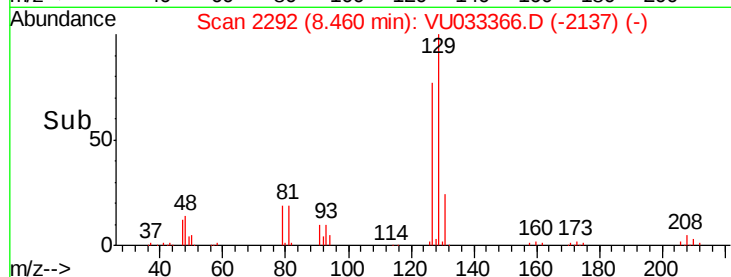
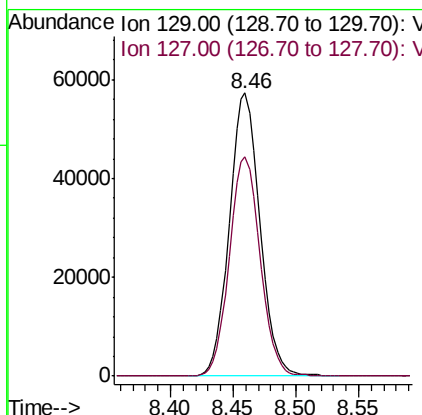
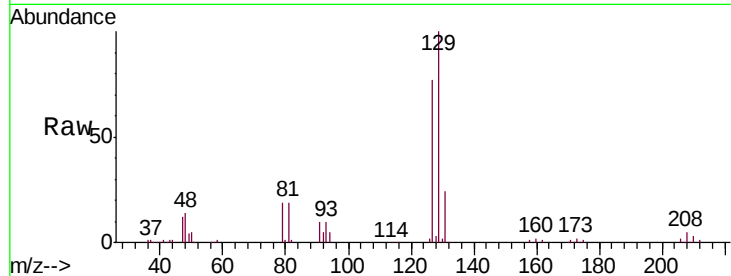




#55
 Dibromochloromethane
 Concen: 10.400 ug/l
 RT: 8.46 min Scan# 2292
 Delta R.T. -0.00 min
 Lab File: VU033366.D
 Acq: 22 Jul 2019 21:52

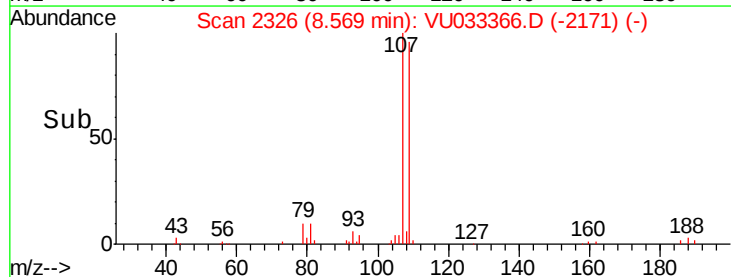
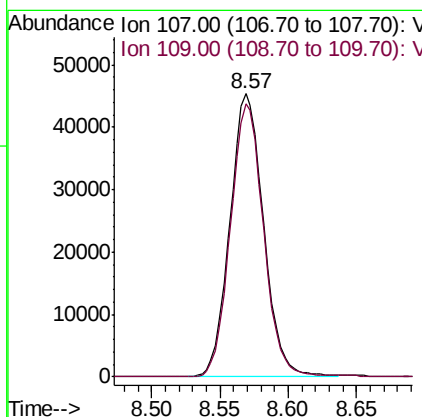
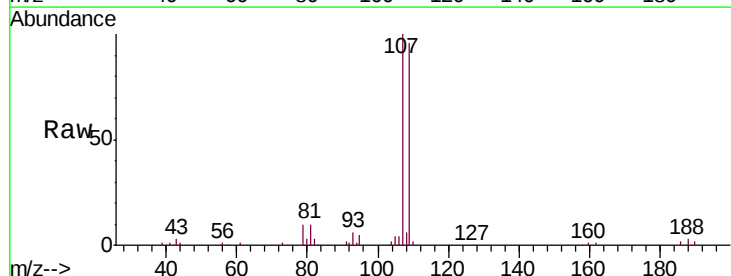
Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU072219

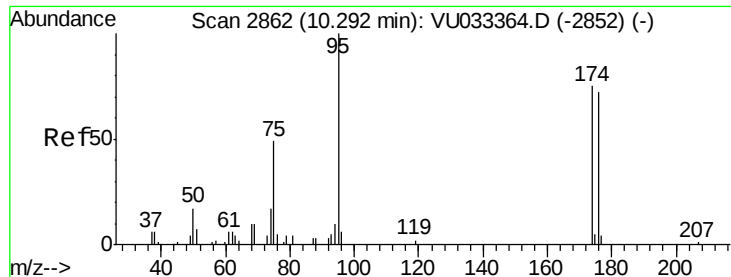
Tgt Ion:129 Resp: 97249
 Ion Ratio Lower Upper
 129 100
 127 77.7 60.9 91.3



#56
 1,2-Dibromoethane
 Concen: 10.420 ug/l
 RT: 8.57 min Scan# 2326
 Delta R.T. -0.00 min
 Lab File: VU033366.D
 Acq: 22 Jul 2019 21:52

Tgt Ion:107 Resp: 77752
 Ion Ratio Lower Upper
 107 100
 109 95.5 0.0 184.8

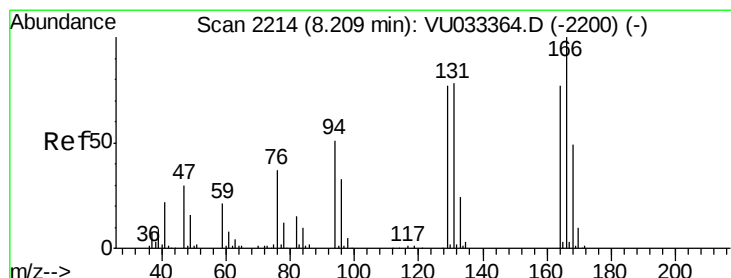
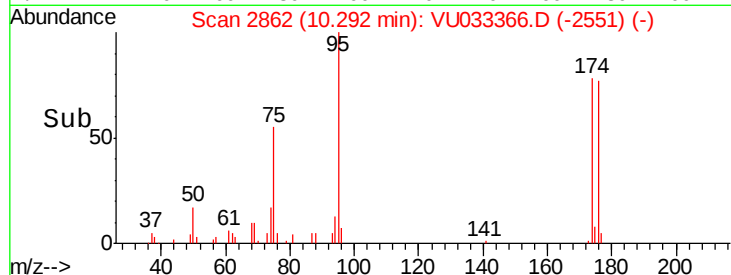
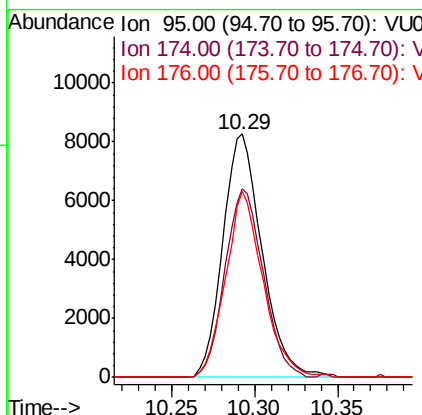
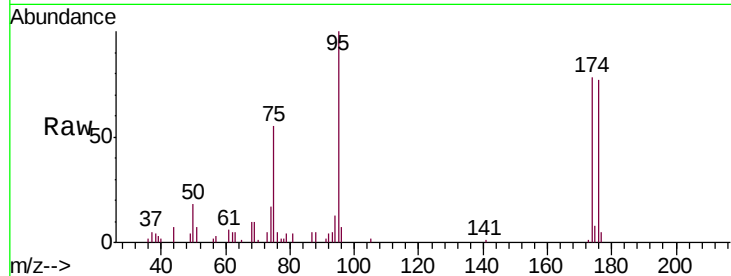




#57
4-Bromofluorobenzene
Concen: 1.055 ug/l
RT: 10.29 min Scan# 2862
Delta R.T. -0.00 min
Lab File: VU033366.D
Acq: 22 Jul 2019 21:52

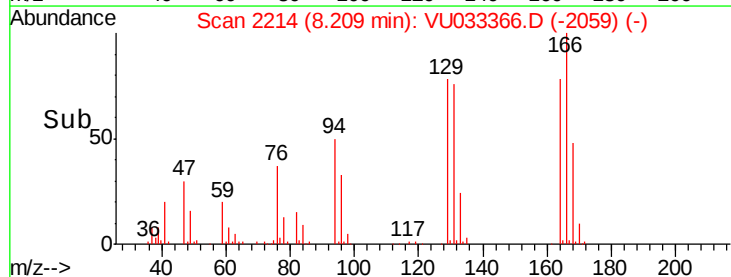
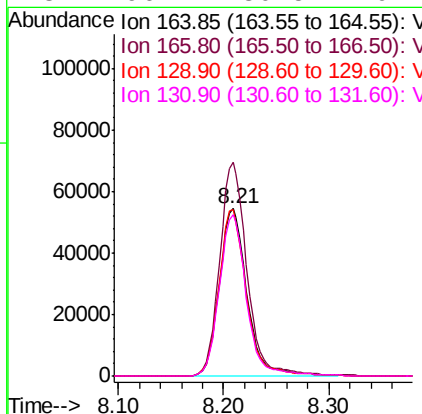
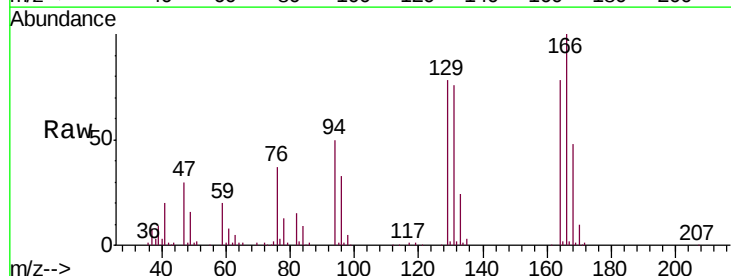
Instrument :
MSVOA_U
ClientSampleId :
ICVVU072219

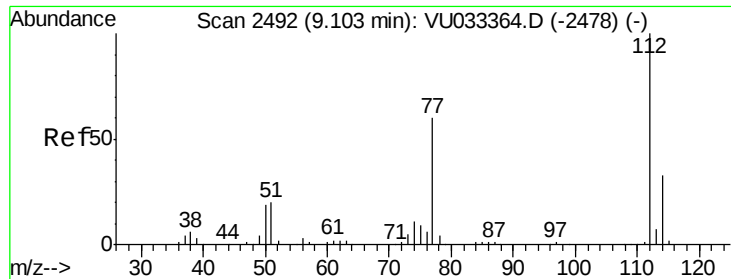
Tgt Ion: 95 Resp: 13595
Ion Ratio Lower Upper
95 100
174 75.6 58.8 88.2
176 73.3 54.4 81.6



#58
Tetrachloroethene
Concen: 10.490 ug/l
RT: 8.21 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VU033366.D
Acq: 22 Jul 2019 21:52

Tgt Ion: 164 Resp: 98458
Ion Ratio Lower Upper
164 100
166 127.5 103.8 155.6
129 99.1 79.7 119.5
131 96.7 80.5 120.7





#59

Chlorobenzene

Concen: 10.598 ug/l

RT: 9.10 min Scan# 2492

Delta R.T. -0.00 min

Lab File: VU033366.D

Acq: 22 Jul 2019 21:52

Instrument :

MSVOA_U

ClientSampleId :

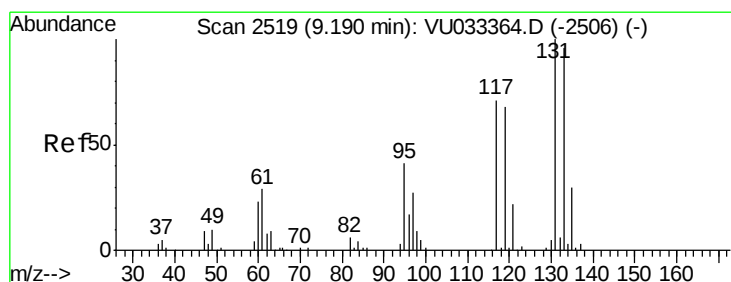
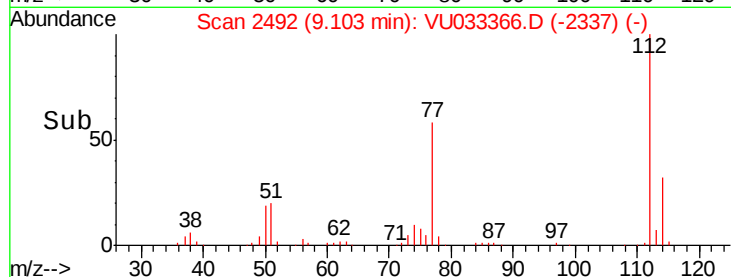
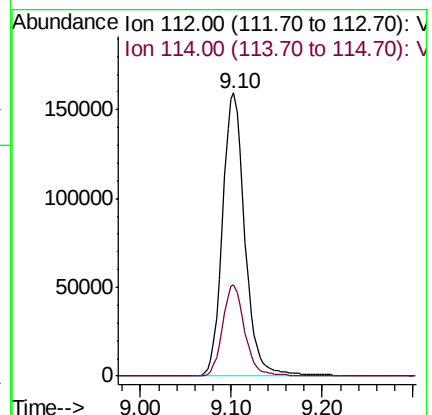
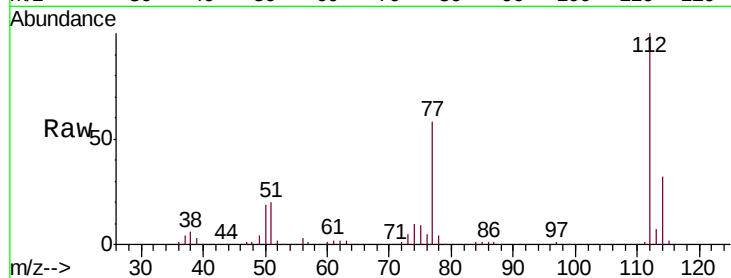
ICVVU072219

Tgt Ion:112 Resp: 272966

Ion Ratio Lower Upper

112 100

114 32.2 26.4 39.6



#60

1,1,1,2-Tetrachloroethane

Concen: 10.253 ug/l

RT: 9.19 min Scan# 2519

Delta R.T. -0.00 min

Lab File: VU033366.D

Acq: 22 Jul 2019 21:52

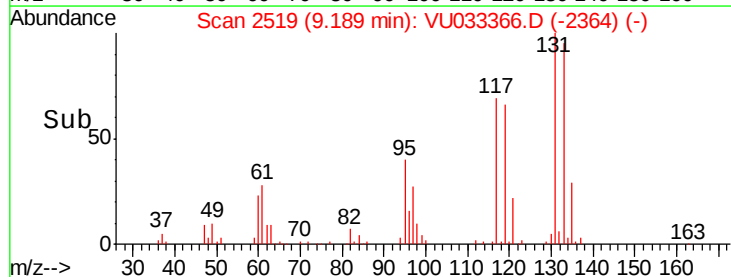
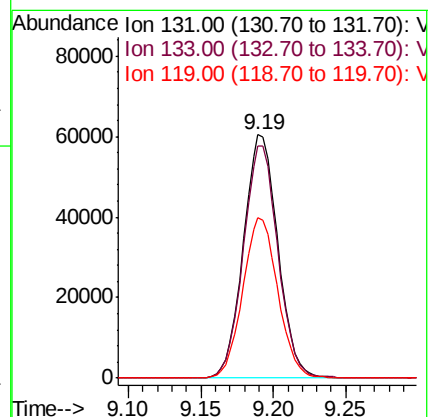
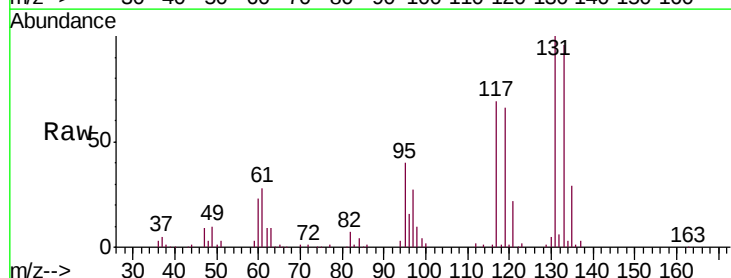
Tgt Ion:131 Resp: 100278

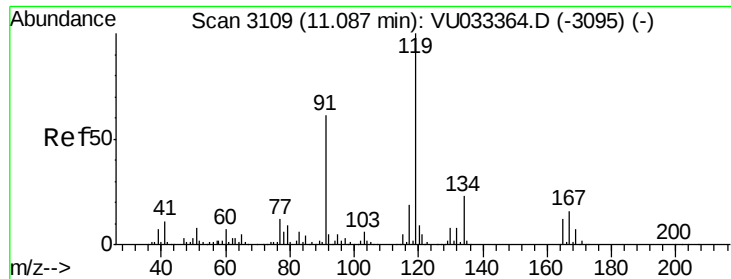
Ion Ratio Lower Upper

131 100

133 95.9 76.2 114.4

119 66.8 54.9 82.3





#61

Pentachloroethane

Concen: 9.922 ug/l

RT: 11.09 min Scan# 3109

Delta R.T. -0.00 min

Lab File: VU033366.D

Acq: 22 Jul 2019 21:52

Instrument :

MSVOA_U

ClientSampleId :

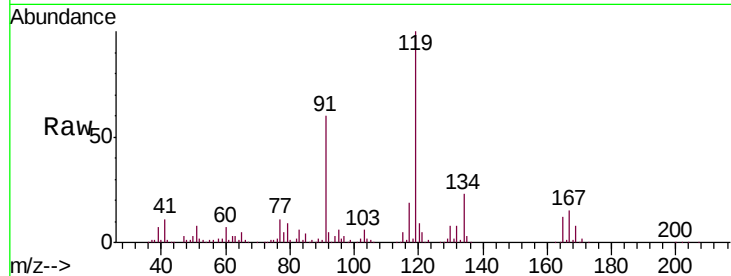
ICVVU072219

Tgt Ion:117 Resp: 79645

Ion Ratio Lower Upper

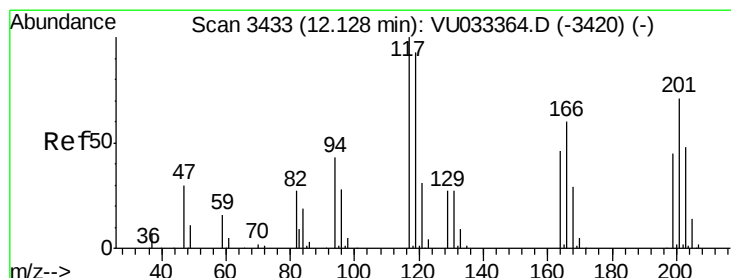
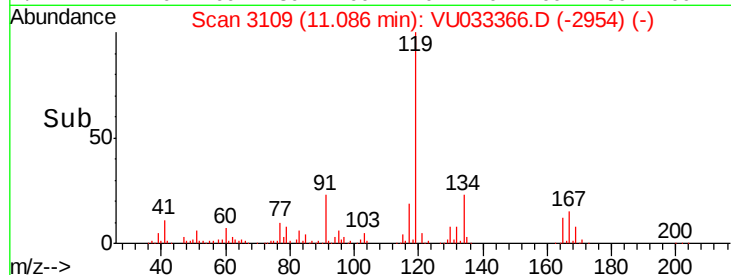
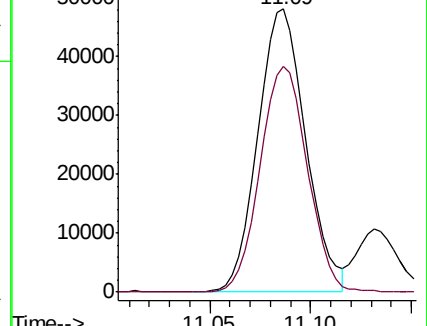
117 100

167 78.8 63.4 95.0



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 166.70 (166.40 to 167.40): V



#62

Hexachloroethane

Concen: 10.328 ug/l

RT: 12.13 min Scan# 3433

Delta R.T. -0.00 min

Lab File: VU033366.D

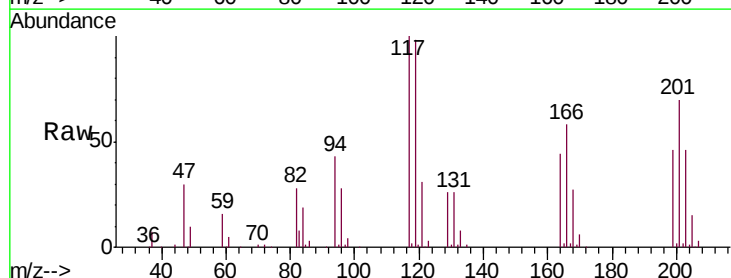
Acq: 22 Jul 2019 21:52

Tgt Ion:117 Resp: 80215

Ion Ratio Lower Upper

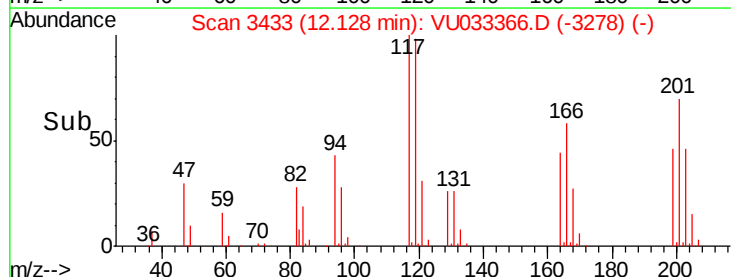
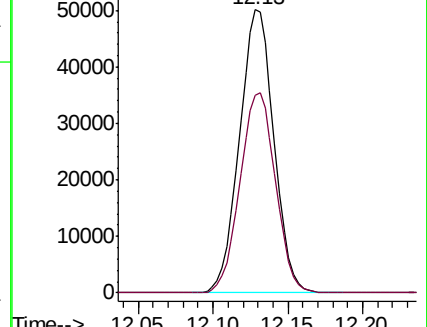
117 100

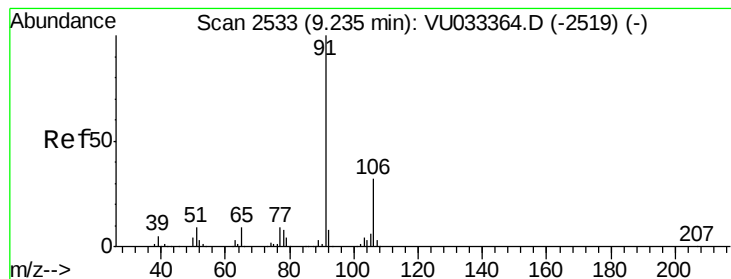
201 72.9 57.9 86.9



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.60 (200.30 to 201.30): V





#63

Ethyl Benzene

Concen: 11.788 ug/l

RT: 9.23 min Scan# 2532

Delta R.T. -0.00 min

Lab File: VU033366.D

Acq: 22 Jul 2019 21:52

Instrument :

MSVOA_U

ClientSampleId :

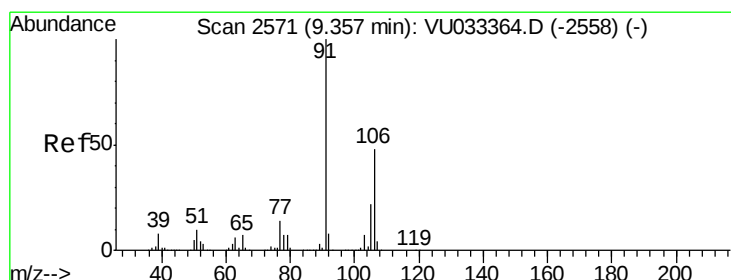
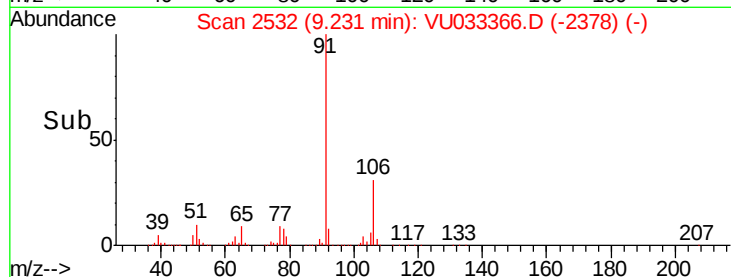
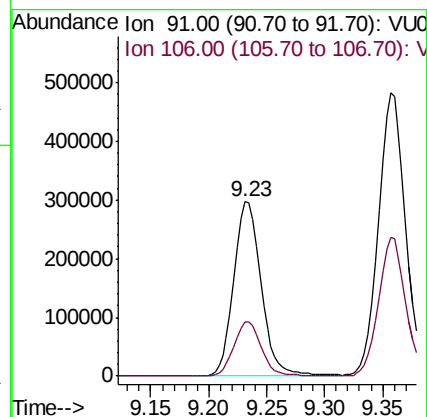
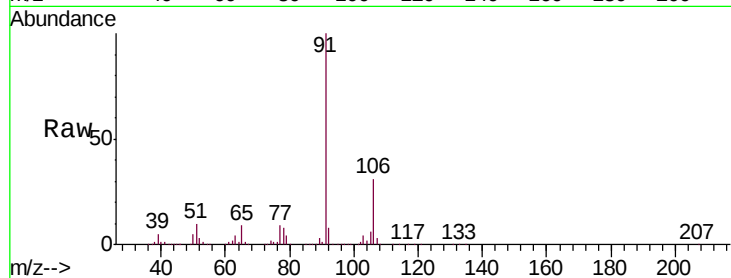
ICVVU072219

Tgt Ion: 91 Resp: 487504

Ion Ratio Lower Upper

91 100

106 30.9 25.4 38.2



#64

m/p-Xylenes

Concen: 23.536 ug/l

RT: 9.36 min Scan# 2571

Delta R.T. -0.00 min

Lab File: VU033366.D

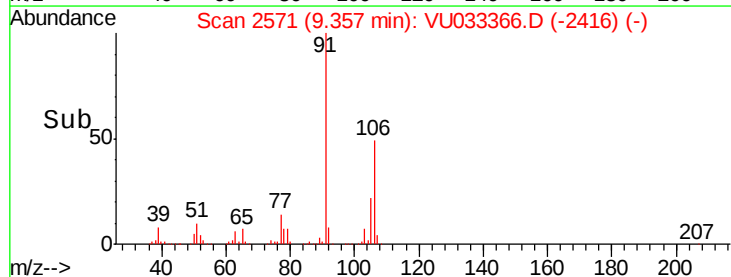
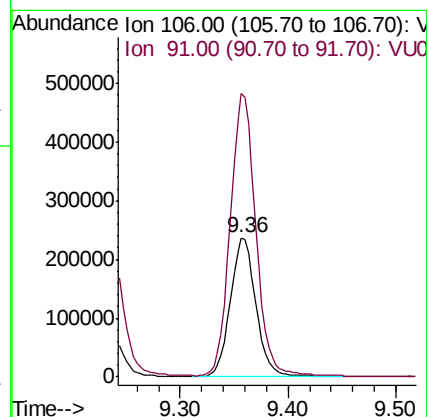
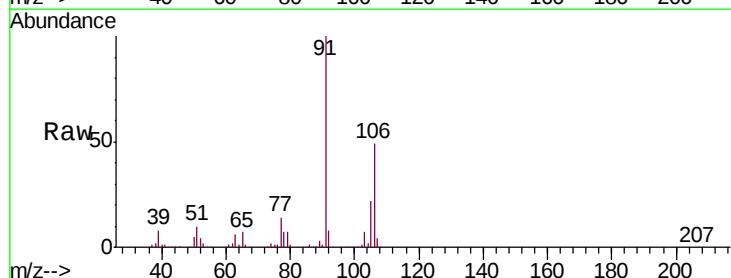
Acq: 22 Jul 2019 21:52

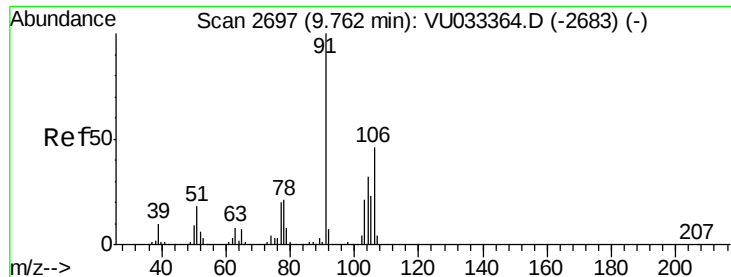
Tgt Ion: 106 Resp: 389169

Ion Ratio Lower Upper

106 100

91 205.2 167.1 250.7

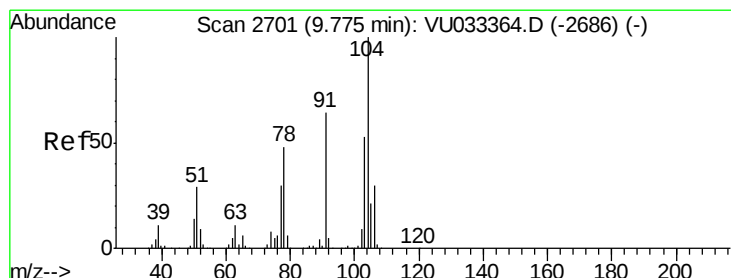
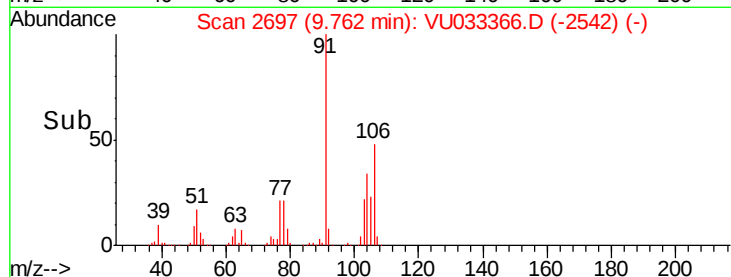
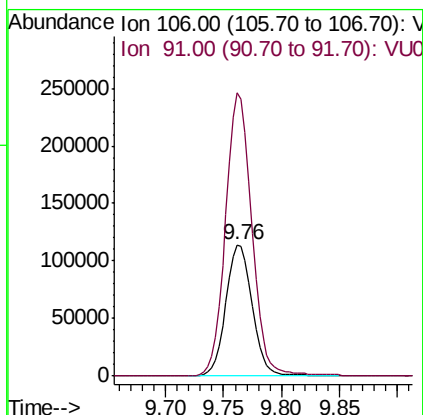
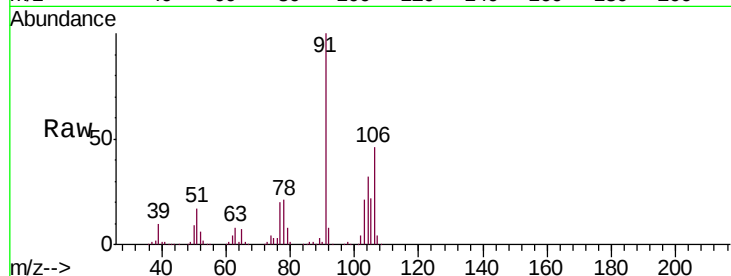




#65
o-Xylene
Concen: 11.404 ug/l
RT: 9.76 min Scan# 2697
Delta R.T. -0.00 min
Lab File: VU033366.D
Acq: 22 Jul 2019 21:52

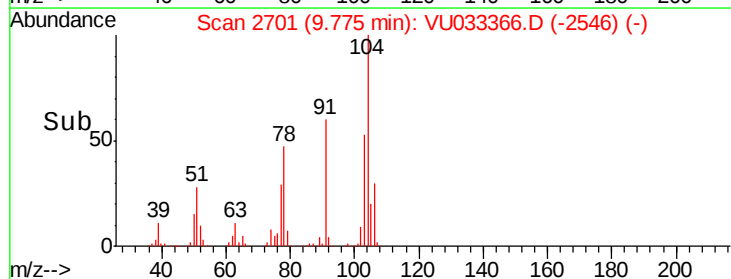
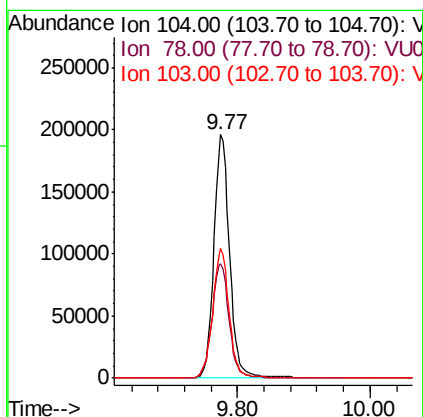
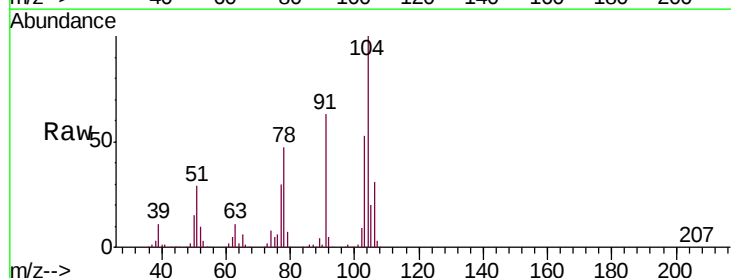
Instrument :
MSVOA_U
ClientSampleId :
ICVVU072219

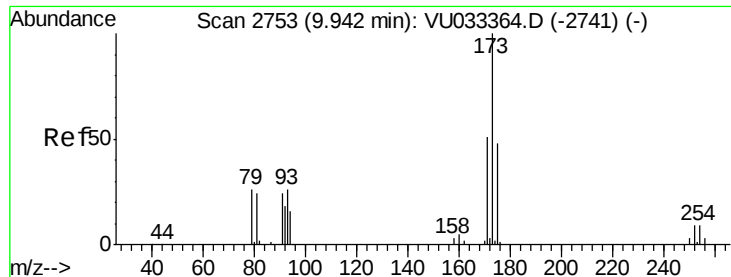
Tgt Ion:106 Resp: 180699
Ion Ratio Lower Upper
106 100
91 215.1 108.5 325.3



#66
Styrene
Concen: 12.009 ug/l
RT: 9.77 min Scan# 2701
Delta R.T. -0.00 min
Lab File: VU033366.D
Acq: 22 Jul 2019 21:52

Tgt Ion:104 Resp: 322773
Ion Ratio Lower Upper
104 100
78 51.0 41.2 61.8
103 55.3 44.7 67.1

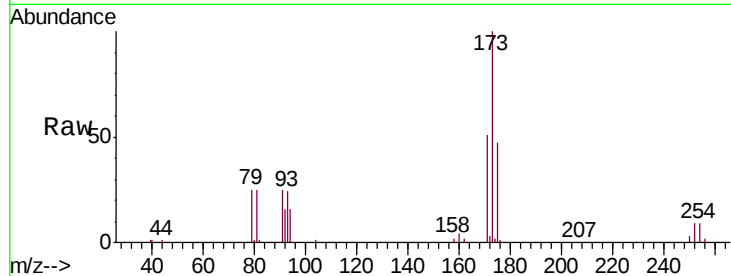




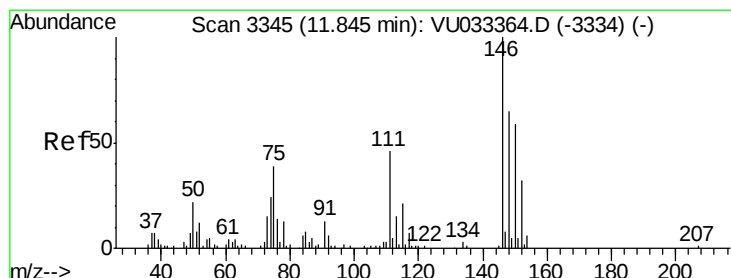
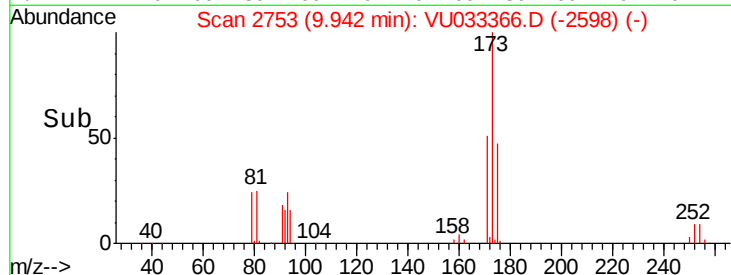
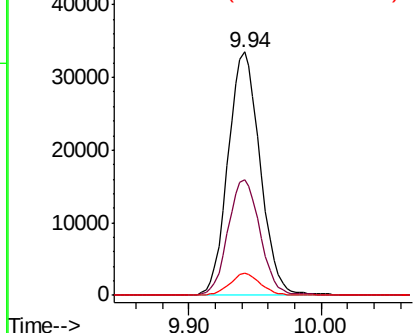
#67
Bromoform
Concen: 11.149 ug/l
RT: 9.94 min Scan# 2753
Delta R.T. -0.00 min
Lab File: VU033366.D
Acq: 22 Jul 2019 21:52

Instrument :
MSVOA_U
ClientSampleId :
ICVVU072219

Tgt Ion:173 Resp: 56426
Ion Ratio Lower Upper
173 100
175 47.5 38.6 58.0
254 8.5 6.8 10.2

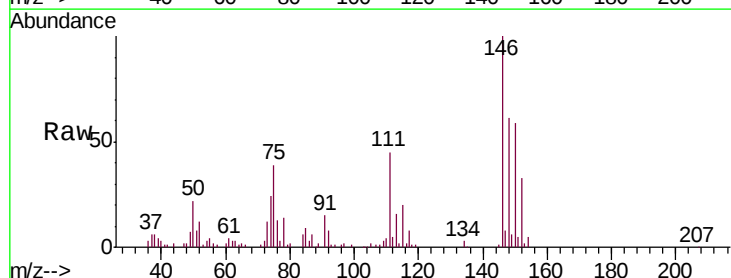


Abundance Ion 172.90 (172.60 to 173.60): V
Ion 174.90 (174.60 to 175.60): V
Ion 253.75 (253.45 to 254.45): V

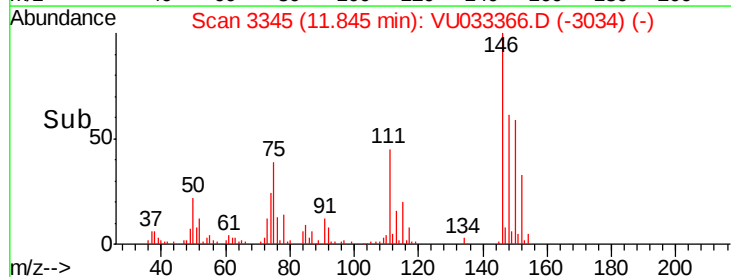
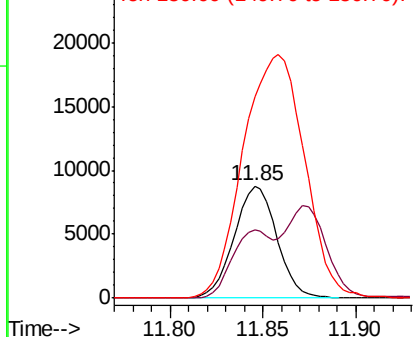


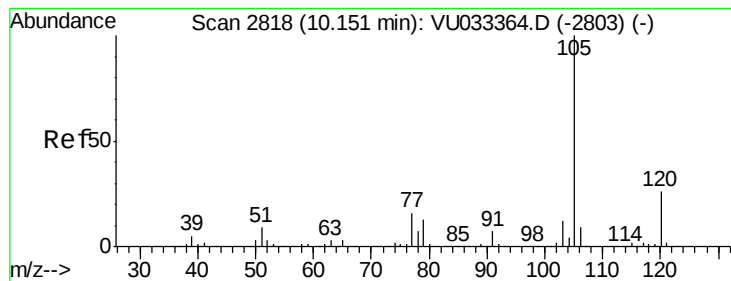
#68
1,2-Dichlorobenzene-d4
Concen: 1.047 ug/l
RT: 11.85 min Scan# 3345
Delta R.T. -0.00 min
Lab File: VU033366.D
Acq: 22 Jul 2019 21:52

Tgt Ion:152 Resp: 13934
Ion Ratio Lower Upper
152 100
115 55.4 0.0 123.2
150 0.0 0.0 648.4



Abundance Ion 152.00 (151.70 to 152.70): V
Ion 115.00 (114.70 to 115.70): V
Ion 150.00 (149.70 to 150.70): V





#69

Isopropylbenzene

Concen: 12.033 ug/l

RT: 10.15 min Scan# 2818

Delta R.T. -0.00 min

Lab File: VU033366.D

Acq: 22 Jul 2019 21:52

Instrument :

MSVOA_U

ClientSampleId :

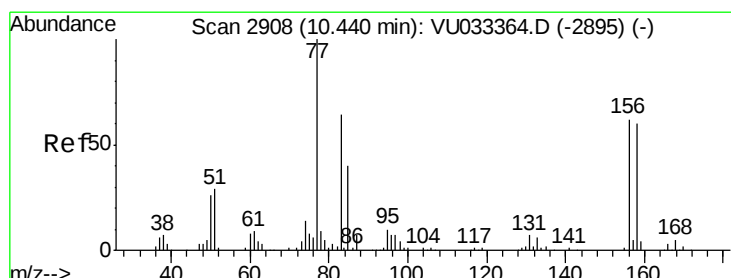
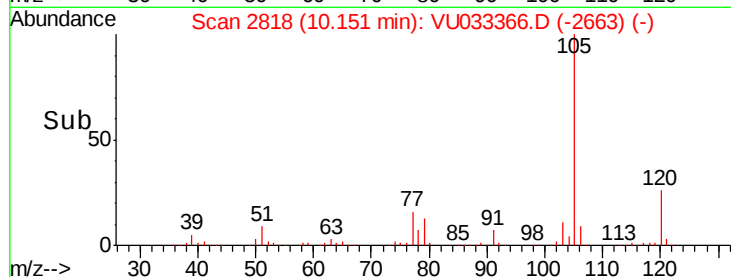
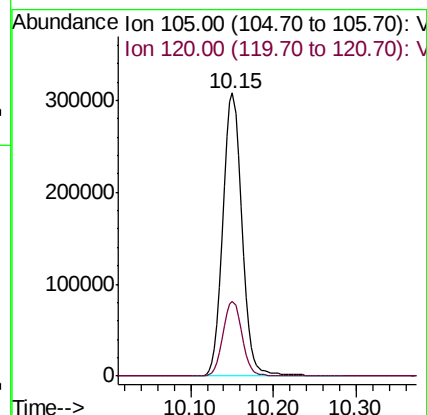
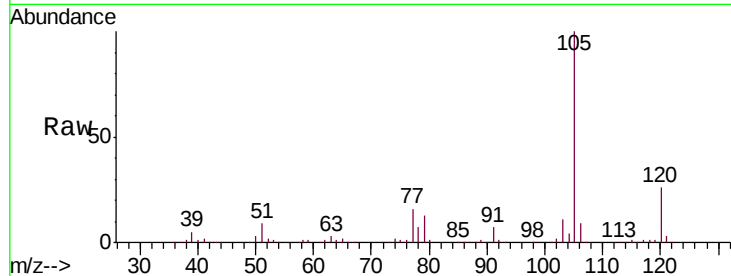
ICVVU072219

Tgt Ion:105 Resp: 488903

Ion Ratio Lower Upper

105 100

120 26.4 13.4 40.1



#70

1,1,2,2-Tetrachloroethane

Concen: 10.092 ug/l

RT: 10.44 min Scan# 2909

Delta R.T. 0.00 min

Lab File: VU033366.D

Acq: 22 Jul 2019 21:52

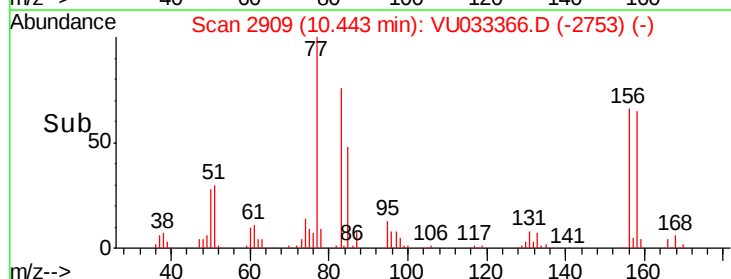
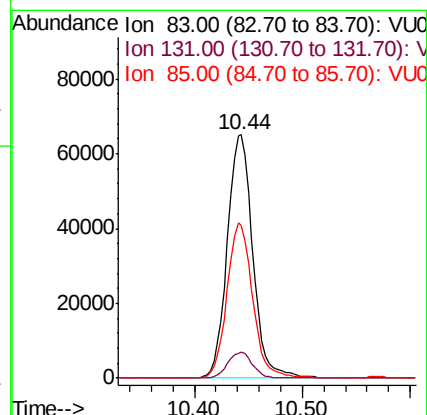
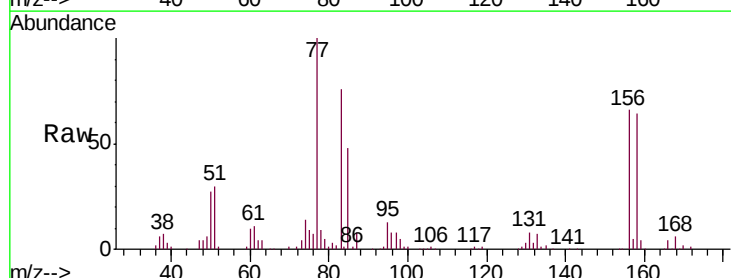
Tgt Ion: 83 Resp: 107081

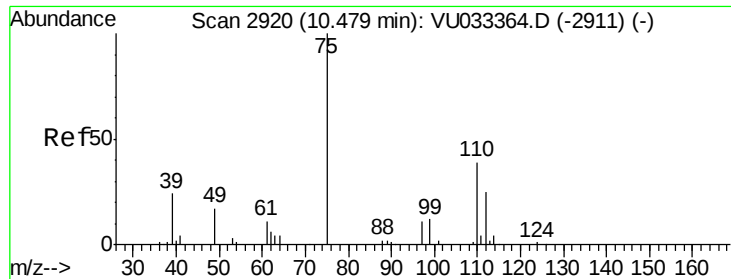
Ion Ratio Lower Upper

83 100

131 10.2 8.0 12.0

85 64.3 51.8 77.8





#71

1,2,3-Trichloropropane

Concen: 13.065 ug/l

RT: 10.48 min Scan# 2920

Delta R.T. -0.00 min

Lab File: VU033366.D

Acq: 22 Jul 2019 21:52

Instrument :

MSVOA_U

ClientSampleId :

ICVVU072219

Tgt Ion: 75 Resp: 107020

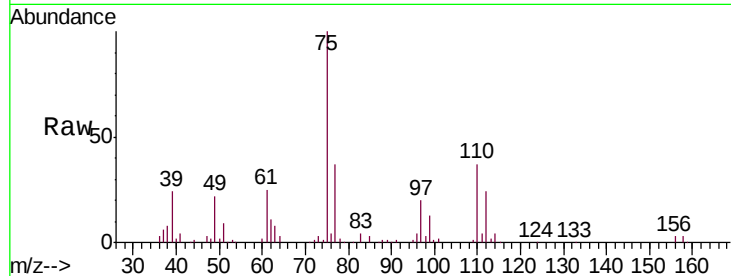
Ion Ratio Lower Upper

75 100

77 0.0 0.0 18.2

110 26.7 0.0 71.4

97 14.3 0.0 37.8

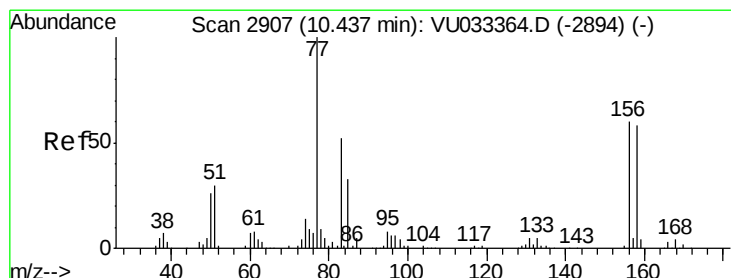
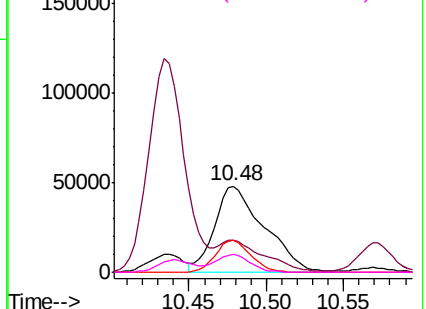
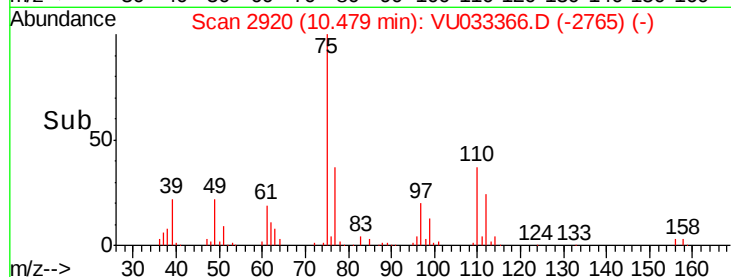


Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

Ion 110.00 (109.70 to 110.70): V

Ion 97.00 (96.70 to 97.70): VU0



#72

Bromobenzene

Concen: 11.141 ug/l

RT: 10.44 min Scan# 2907

Delta R.T. -0.00 min

Lab File: VU033366.D

Acq: 22 Jul 2019 21:52

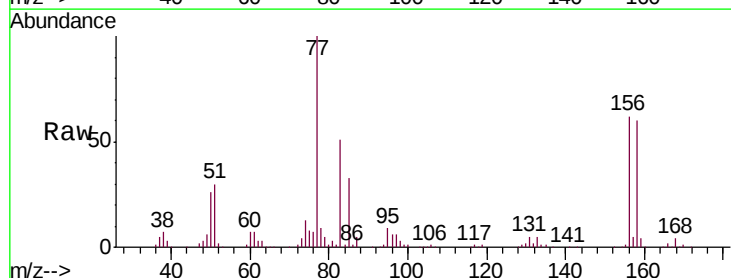
Tgt Ion: 156 Resp: 119572

Ion Ratio Lower Upper

156 100

77 159.9 0.0 324.4

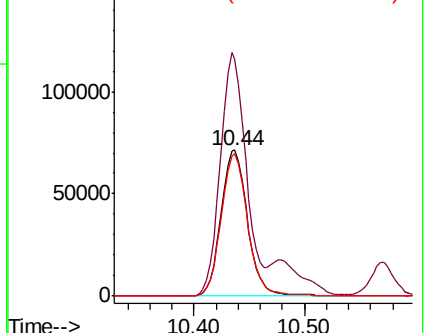
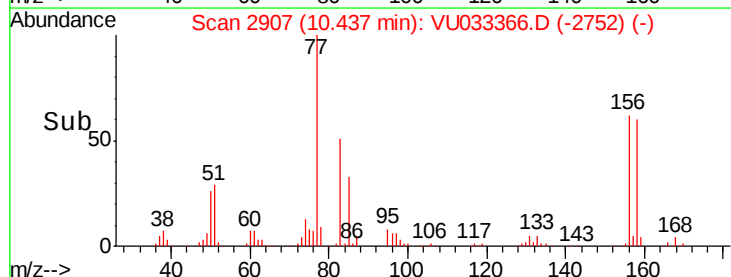
158 97.6 0.0 192.4

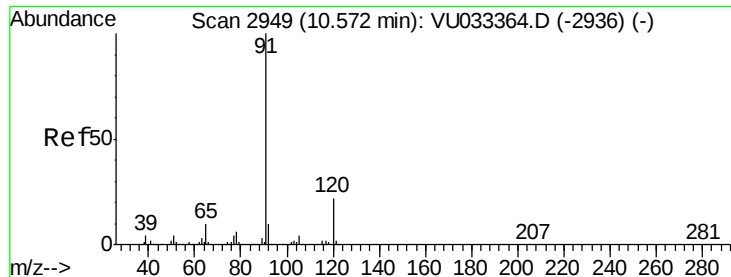


Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VU0

Ion 158.00 (157.70 to 158.70): V





#73

n-propylbenzene

Concen: 11.585 ug/l

RT: 10.57 min Scan# 2949

Delta R.T. -0.00 min

Lab File: VU033366.D

Acq: 22 Jul 2019 21:52

Instrument :

MSVOA_U

ClientSampleId :

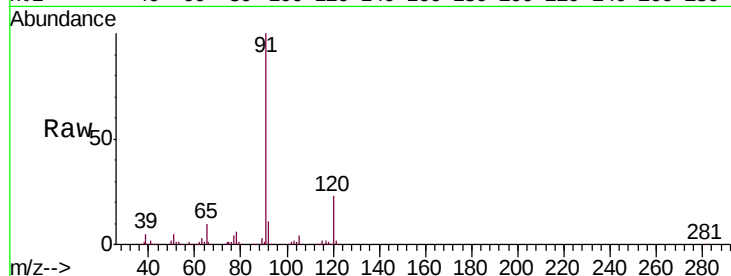
ICVVU072219

Tgt Ion:120 Resp: 134168

Ion Ratio Lower Upper

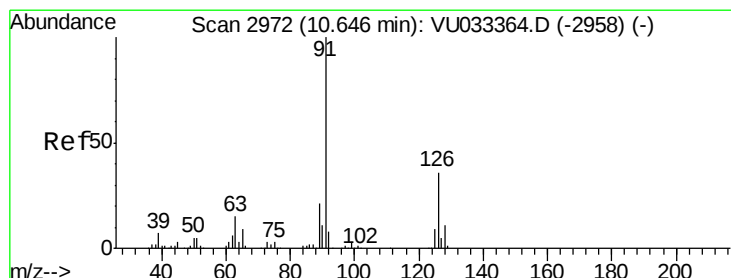
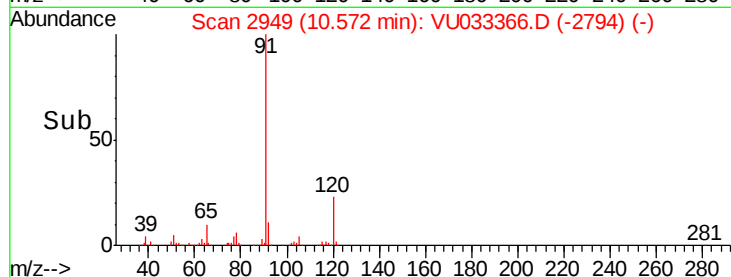
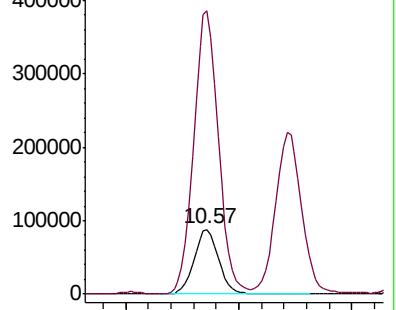
120 100

91 436.5 355.1 532.7



Abundance Ion 120.00 (119.70 to 120.70): V

Ion 91.00 (90.70 to 91.70): VU0



#74

2-Chlorotoluene

Concen: 11.249 ug/l

RT: 10.65 min Scan# 2972

Delta R.T. -0.00 min

Lab File: VU033366.D

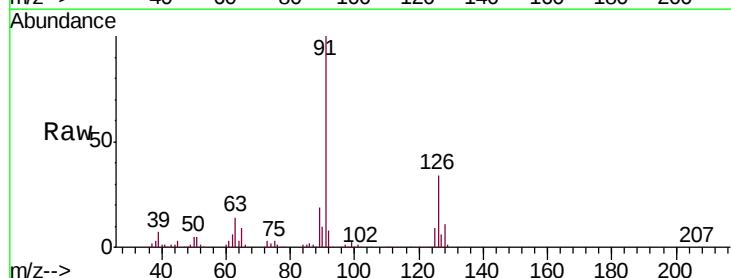
Acq: 22 Jul 2019 21:52

Tgt Ion:126 Resp: 118923

Ion Ratio Lower Upper

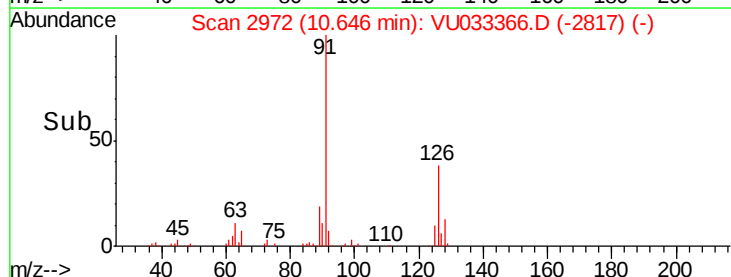
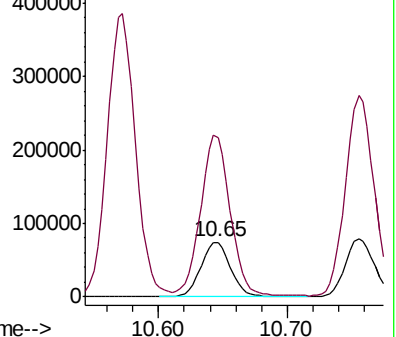
126 100

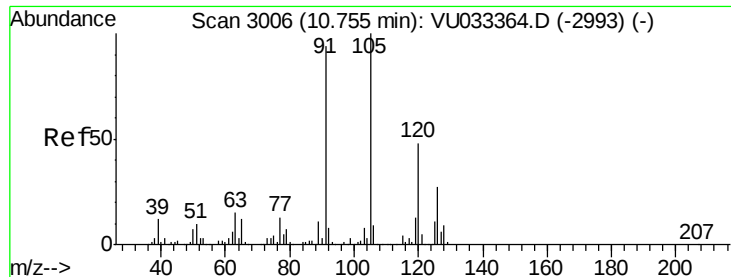
91 298.7 0.0 598.0



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0





#75

1,3,5-Trimethylbenzene

Concen: 12.103 ug/l

RT: 10.76 min Scan# 3006

Delta R.T. -0.00 min

Lab File: VU033366.D

Acq: 22 Jul 2019 21:52

Instrument :

MSVOA_U

ClientSampleId :

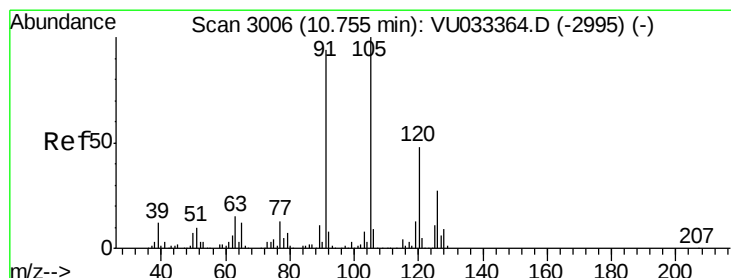
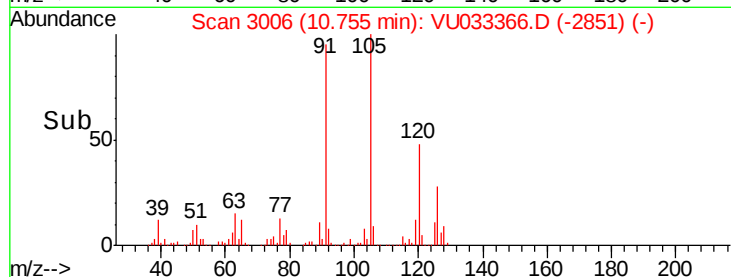
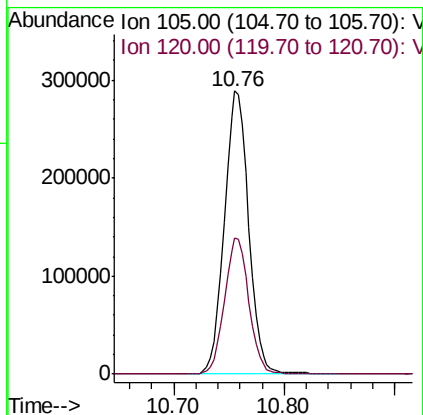
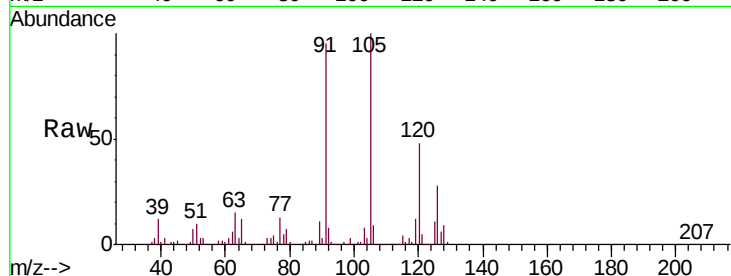
ICVVU072219

Tgt Ion:105 Resp: 441479

Ion Ratio Lower Upper

105 100

120 48.4 38.2 57.4



#76

4-Chlorotoluene

Concen: 11.441 ug/l

RT: 10.76 min Scan# 3006

Delta R.T. -0.00 min

Lab File: VU033366.D

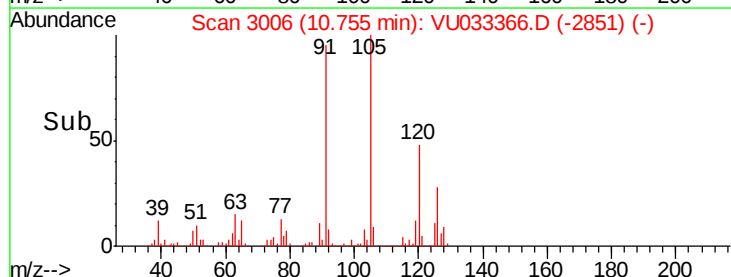
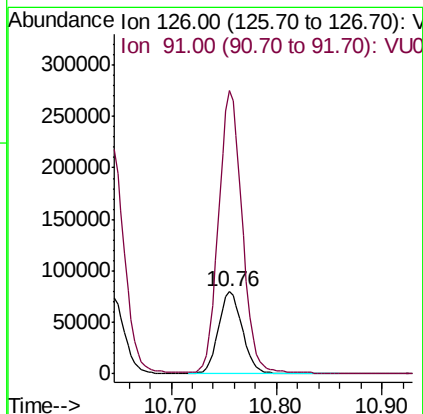
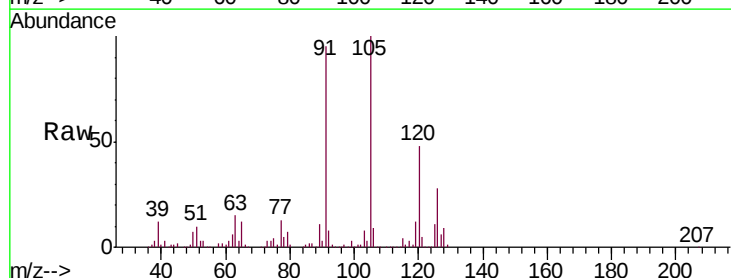
Acq: 22 Jul 2019 21:52

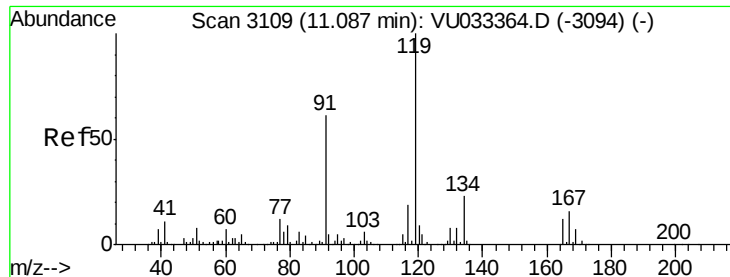
Tgt Ion:126 Resp: 126038

Ion Ratio Lower Upper

126 100

91 340.4 0.0 681.0





#77

tert-Butylbenzene

Concen: 11.269 ug/l

RT: 11.09 min Scan# 3109

Delta R.T. -0.00 min

Lab File: VU033366.D

Acq: 22 Jul 2019 21:52

Instrument :

MSVOA_U

ClientSampleId :

ICVVU072219

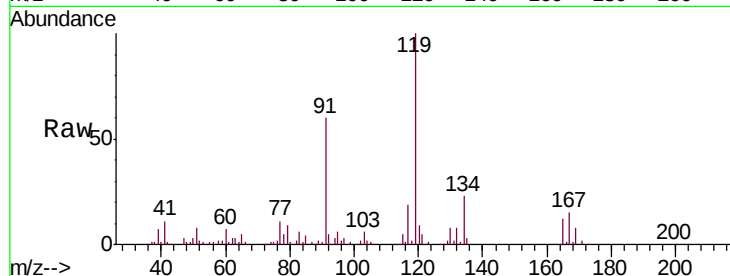
Tgt Ion:119 Resp: 389553

Ion Ratio Lower Upper

119 100

91 60.6 30.4 91.3

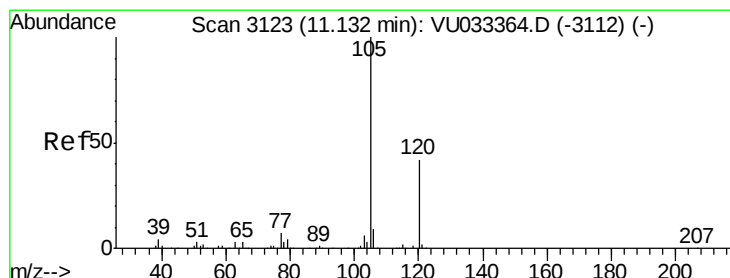
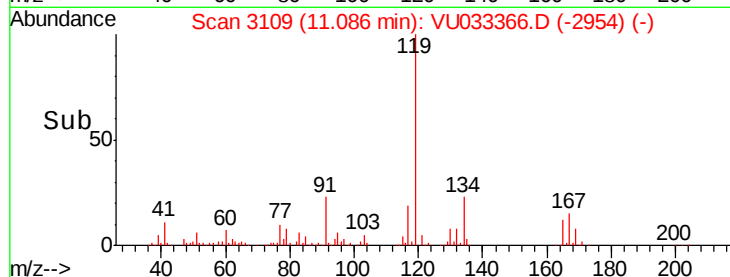
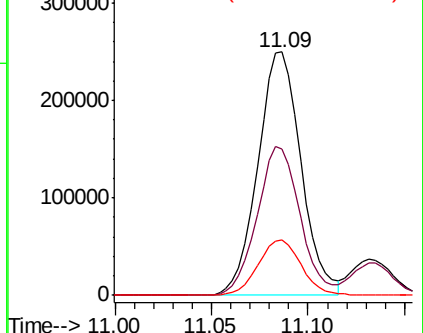
134 22.9 18.5 27.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VU0

Ion 134.00 (133.70 to 134.70): V



#78

1,2,4-Trimethylbenzene

Concen: 11.972 ug/l

RT: 11.13 min Scan# 3123

Delta R.T. -0.00 min

Lab File: VU033366.D

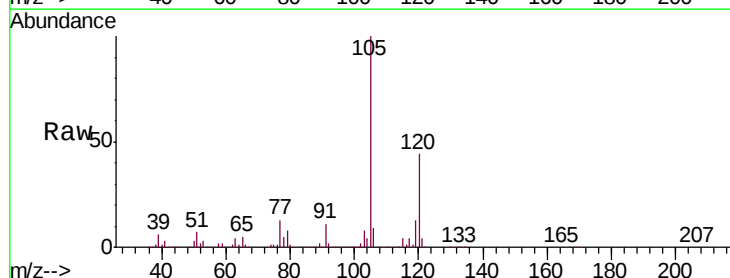
Acq: 22 Jul 2019 21:52

Tgt Ion:105 Resp: 446391

Ion Ratio Lower Upper

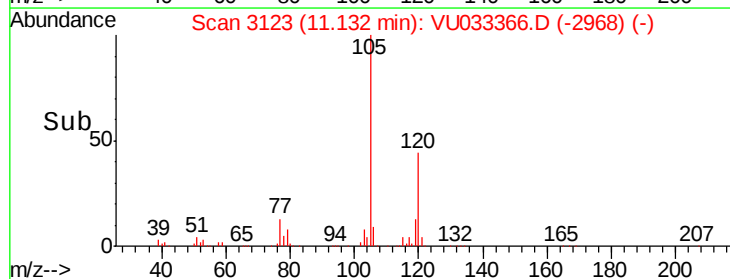
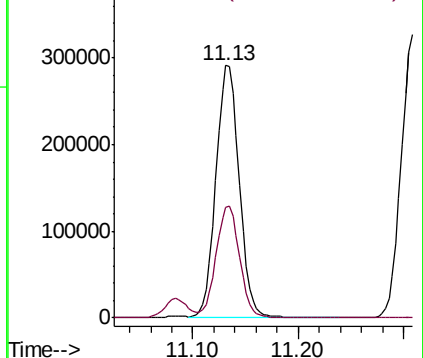
105 100

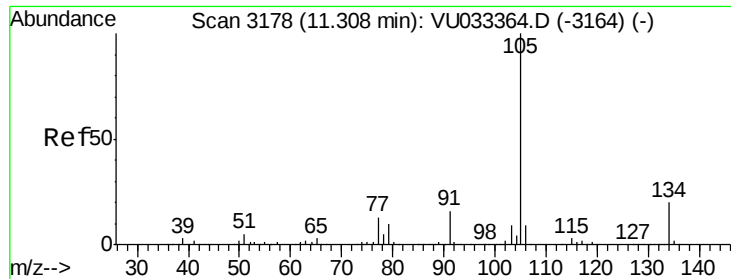
120 44.9 22.5 67.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

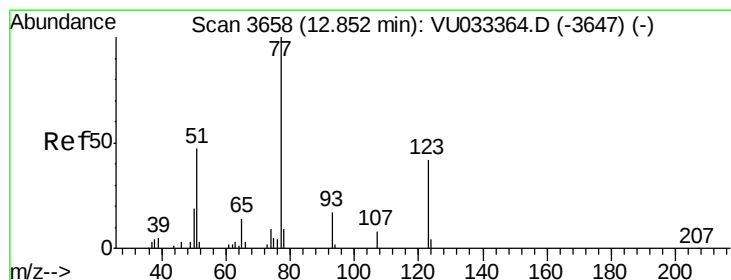
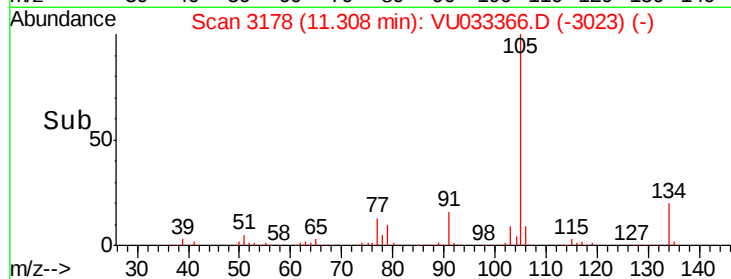
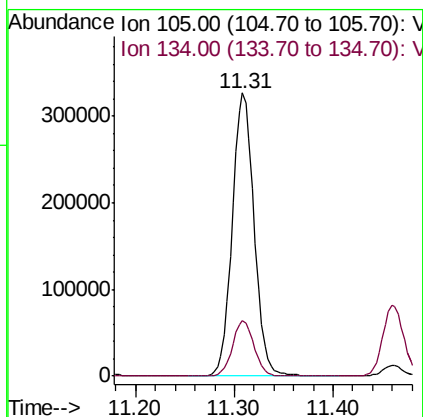
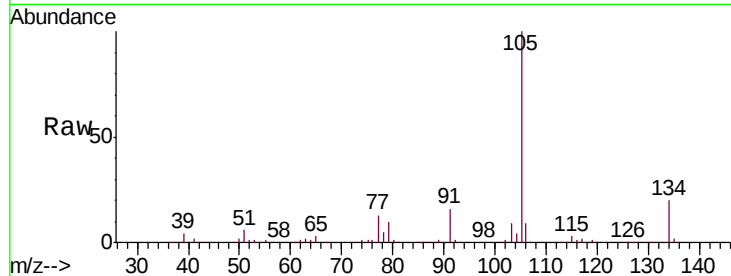




#79
 sec-Butylbenzene
 Concen: 10.620 ug/l
 RT: 11.31 min Scan# 3178
 Delta R.T. -0.00 min
 Lab File: VU033366.D
 Acq: 22 Jul 2019 21:52

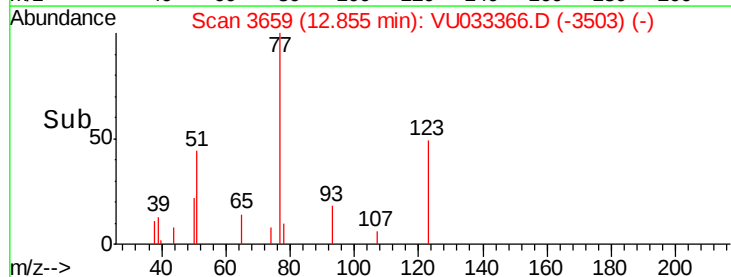
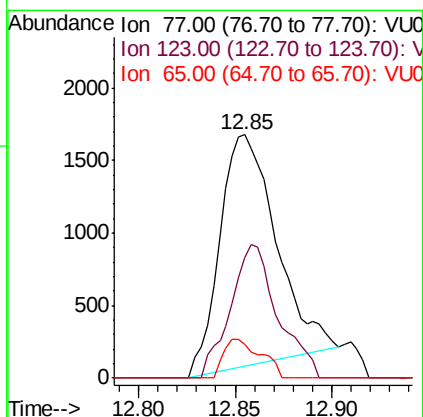
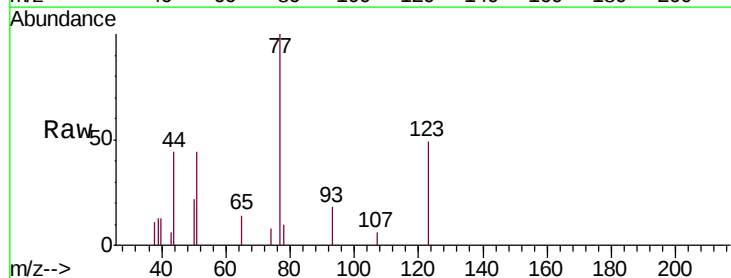
Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU072219

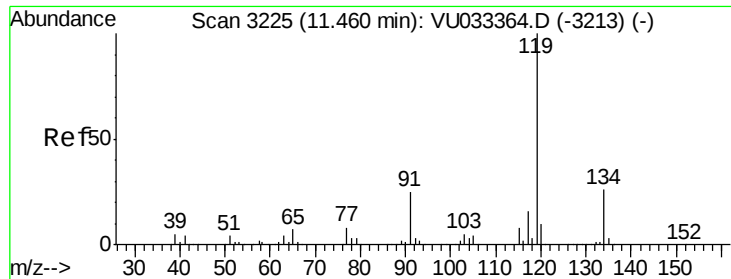
Tgt Ion: 105 Resp: 505336
 Ion Ratio Lower Upper
 105 100
 134 19.5 15.5 23.3



#80
 Nitrobenzene
 Concen: 7.369 ug/l
 RT: 12.85 min Scan# 3659
 Delta R.T. 0.00 min
 Lab File: VU033366.D
 Acq: 22 Jul 2019 21:52

Tgt Ion: 77 Resp: 3250
 Ion Ratio Lower Upper
 77 100
 123 48.3 19.3 68.3
 65 0.0 10.1 12.9#

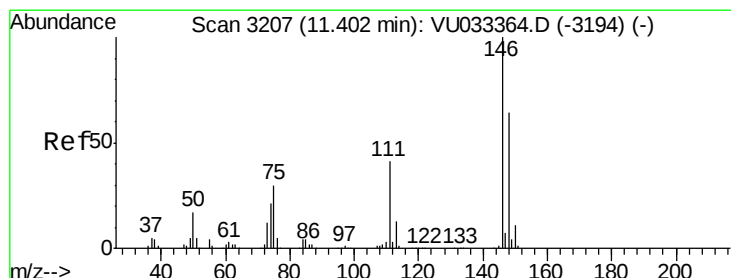
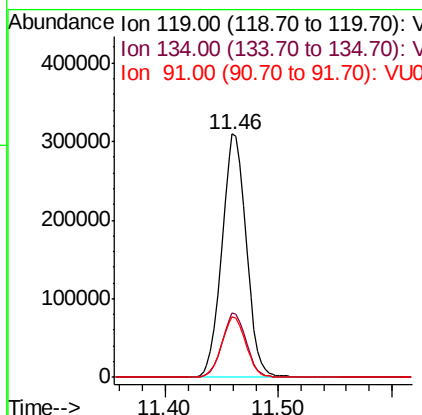
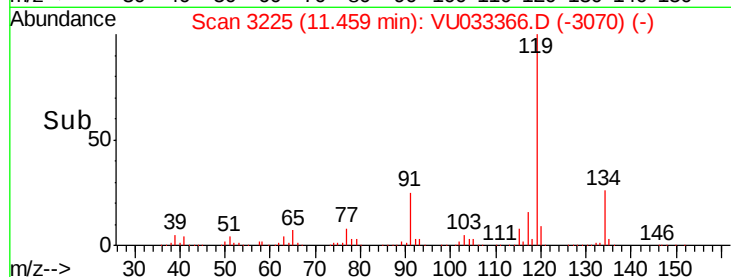
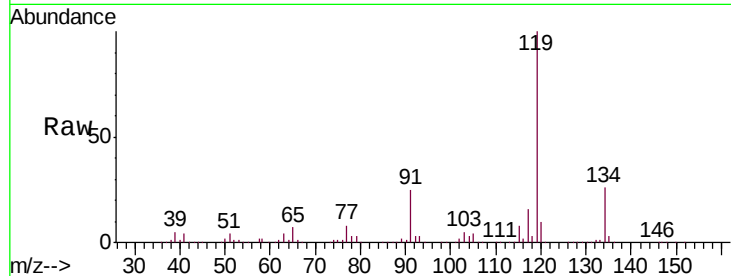




#81
p-Isopropyltoluene
Concen: 11.997 ug/l
RT: 11.46 min Scan# 3225
Delta R.T. -0.00 min
Lab File: VU033366.D
Acq: 22 Jul 2019 21:52

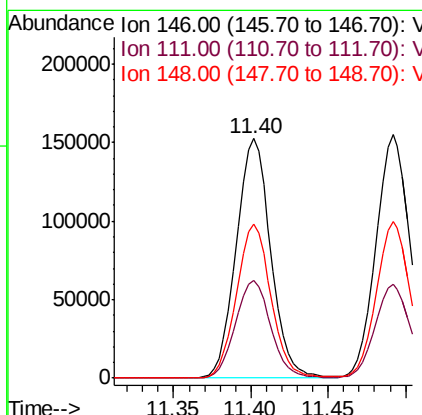
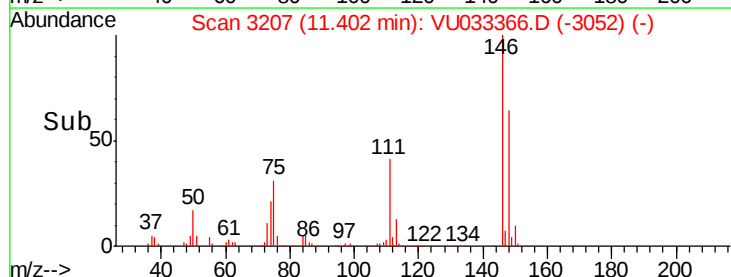
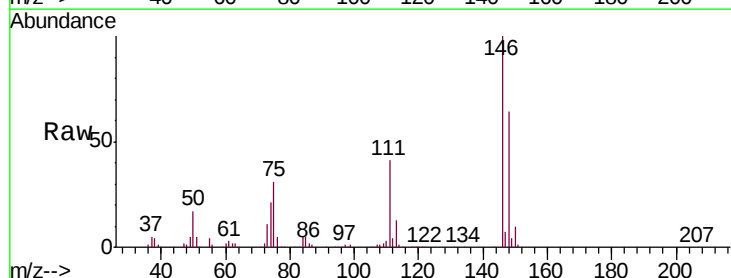
Instrument :
MSVOA_U
ClientSampleId :
ICVVU072219

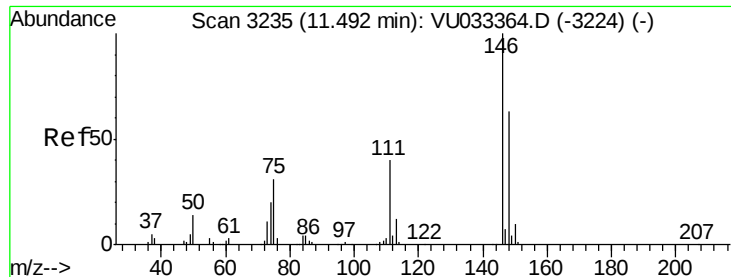
Tgt Ion:119 Resp: 464127
Ion Ratio Lower Upper
119 100
134 26.2 21.0 31.4
91 24.6 19.8 29.6



#82
1,3-Dichlorobenzene
Concen: 10.386 ug/l
RT: 11.40 min Scan# 3207
Delta R.T. -0.00 min
Lab File: VU033366.D
Acq: 22 Jul 2019 21:52

Tgt Ion:146 Resp: 236922
Ion Ratio Lower Upper
146 100
111 41.4 33.3 49.9
148 64.3 50.8 76.2

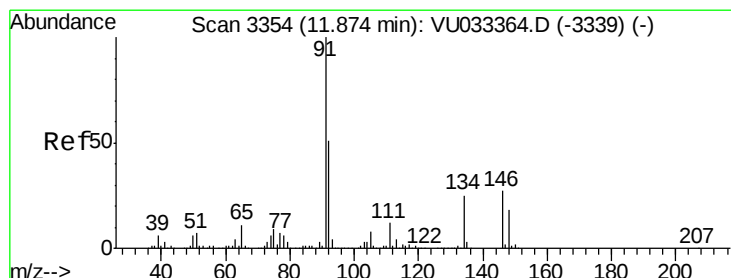
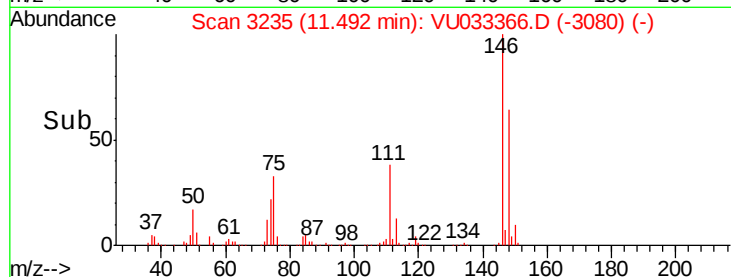
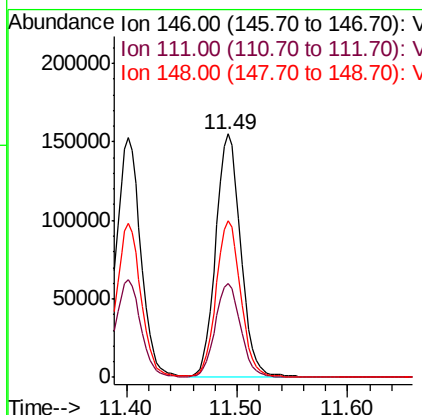
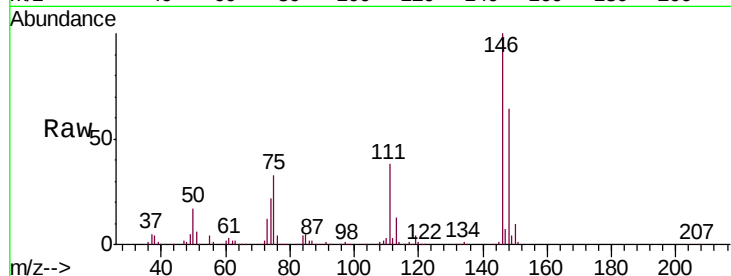




#83
1,4-Dichlorobenzene
Concen: 10.762 ug/l
RT: 11.49 min Scan# 3235
Delta R.T. -0.00 min
Lab File: VU033366.D
Acq: 22 Jul 2019 21:52

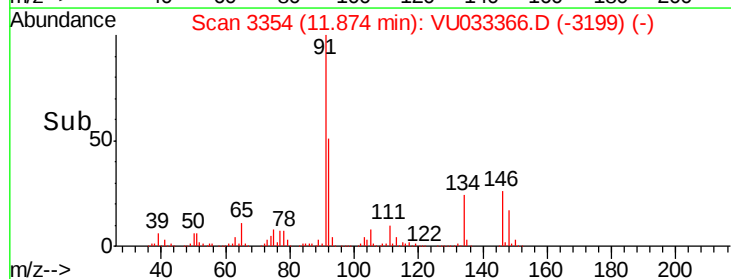
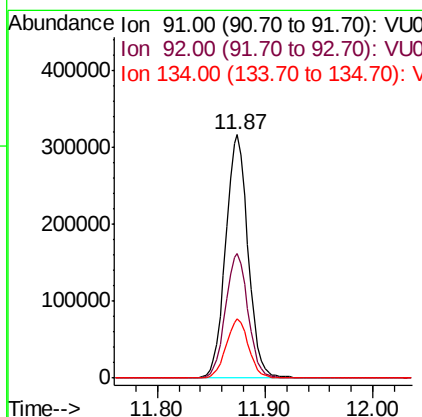
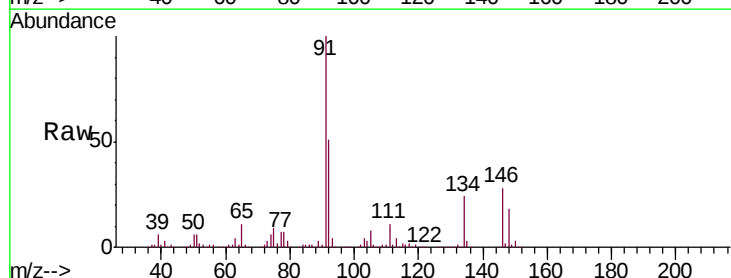
Instrument :
MSVOA_U
ClientSampleId :
ICVVU072219

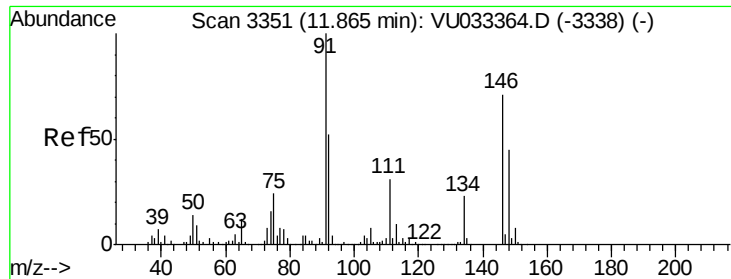
Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.0	32.2	48.4
148	63.8	51.0	76.4



#84
n-Butylbenzene
Concen: 11.549 ug/l
RT: 11.87 min Scan# 3354
Delta R.T. -0.00 min
Lab File: VU033366.D
Acq: 22 Jul 2019 21:52

Tgt Ion	Ratio	Lower	Upper
91	100		
92	51.7	41.0	61.6
134	24.3	19.5	29.3





#85

1,2-Dichlorobenzene

Concen: 10.500 ug/l

RT: 11.86 min Scan# 3351

Delta R.T. -0.00 min

Lab File: VU033366.D

Acq: 22 Jul 2019 21:52

Instrument :

MSVOA_U

ClientSampleId :

ICVVU072219

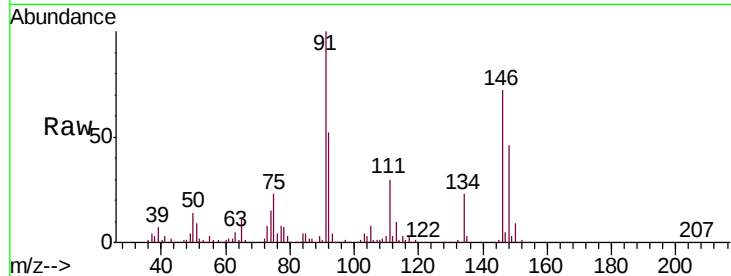
Tgt Ion:146 Resp: 224575

Ion Ratio Lower Upper

146 100

111 42.4 21.7 65.1

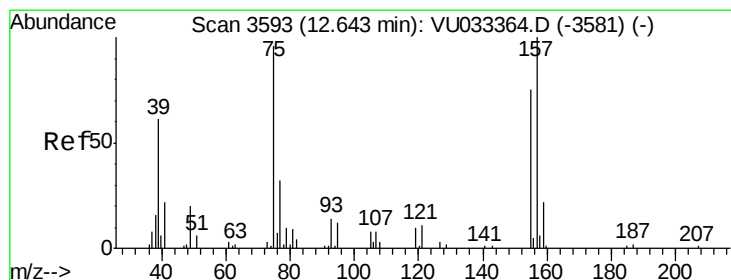
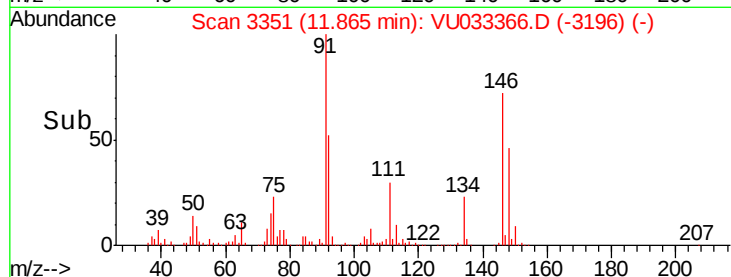
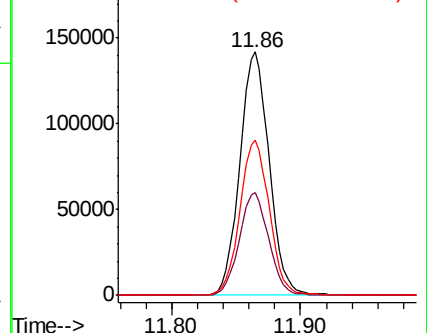
148 64.0 32.0 96.0



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#86

1,2-Dibromo-3-Chloropropane

Concen: 11.389 ug/l

RT: 12.64 min Scan# 3593

Delta R.T. -0.00 min

Lab File: VU033366.D

Acq: 22 Jul 2019 21:52

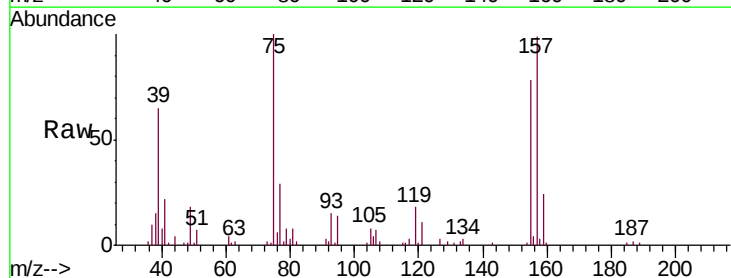
Tgt Ion: 75 Resp: 19008

Ion Ratio Lower Upper

75 100

155 77.8 63.3 94.9

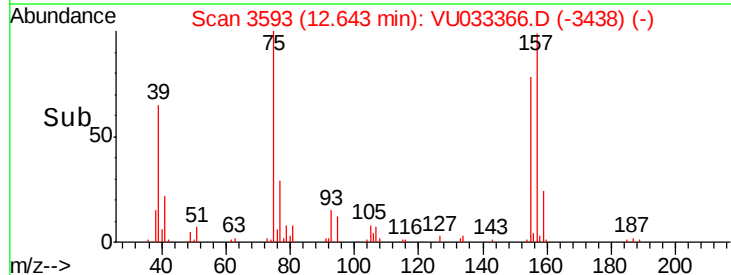
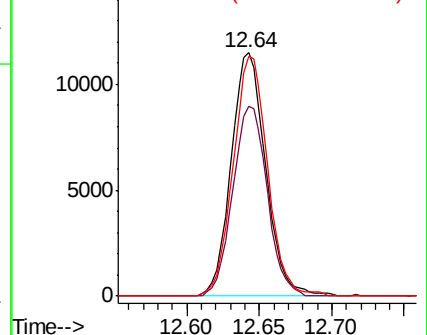
157 98.4 82.5 123.7

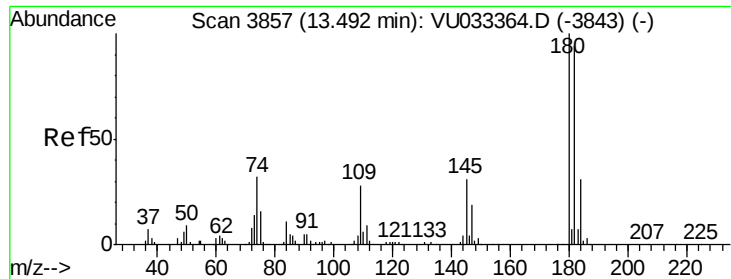


Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V





#87

1,2,4-Trichlorobenzene

Concen: 12.696 ug/l

RT: 13.49 min Scan# 3857

Delta R.T. -0.00 min

Lab File: VU033366.D

Acq: 22 Jul 2019 21:52

Instrument :

MSVOA_U

ClientSampleId :

ICVVU072219

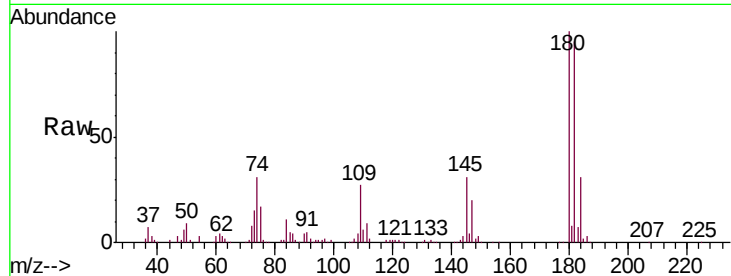
Tgt Ion:180 Resp: 161573

Ion Ratio Lower Upper

180 100

182 95.0 76.2 114.4

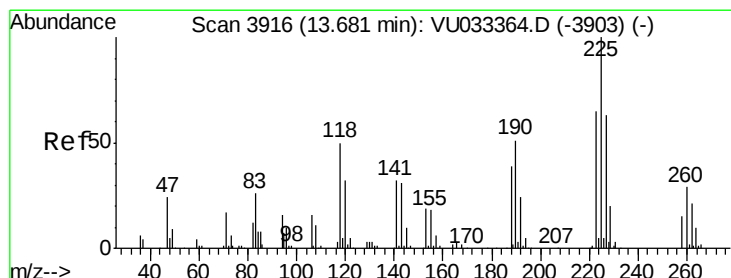
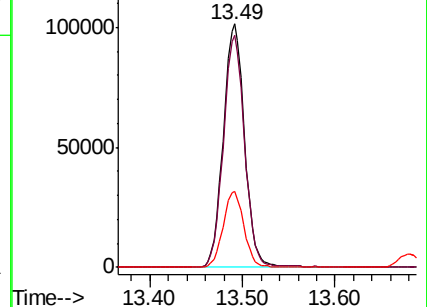
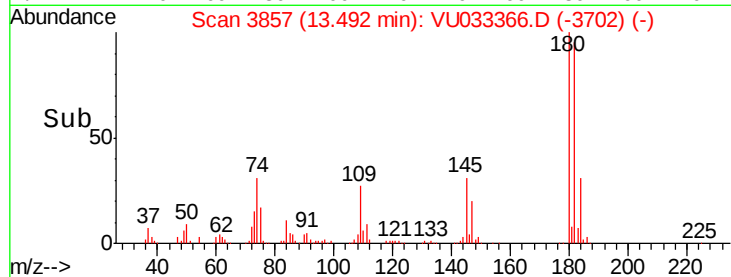
145 30.2 25.0 37.4



Abundance Ion 179.70 (179.40 to 180.40): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#88

Hexachlorobutadiene

Concen: 10.678 ug/l

RT: 13.68 min Scan# 3916

Delta R.T. -0.00 min

Lab File: VU033366.D

Acq: 22 Jul 2019 21:52

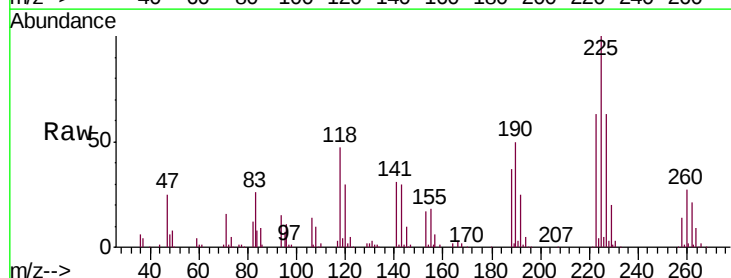
Tgt Ion:225 Resp: 83815

Ion Ratio Lower Upper

225 100

223 63.4 52.2 78.4

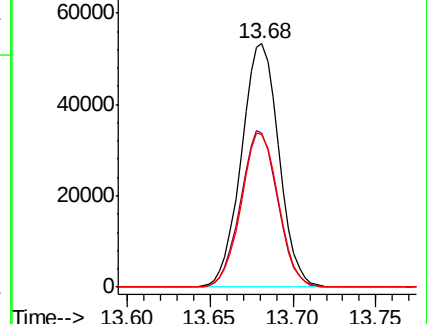
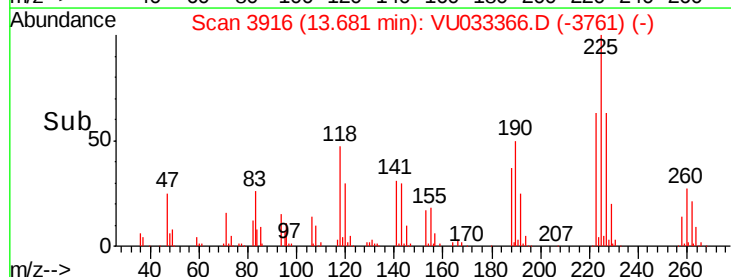
227 62.8 51.7 77.5

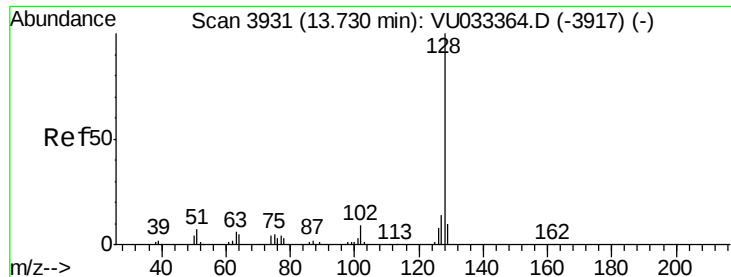


Abundance Ion 224.60 (224.30 to 225.30): V

Ion 222.60 (222.30 to 223.30): V

Ion 226.60 (226.30 to 227.30): V





#89

Naphthalene

Concen: 10.873 ug/l

RT: 13.73 min Scan# 3931

Delta R.T. 0.00 min

Lab File: VU033366.D

Acq: 22 Jul 2019 21:52

Instrument :

MSVOA_U

ClientSampleId :

ICVVU072219

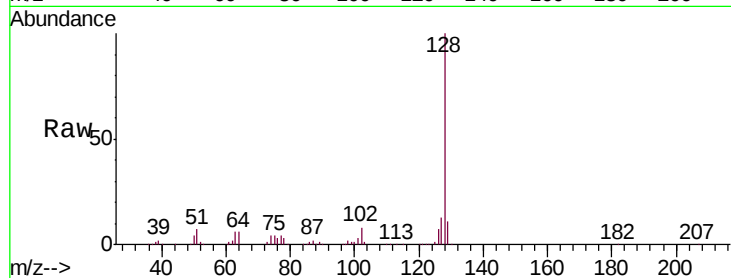
Tgt Ion:128 Resp: 315940

Ion Ratio Lower Upper

128 100

127 13.2 10.8 16.2

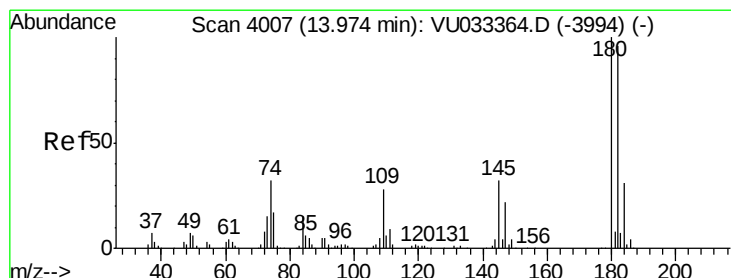
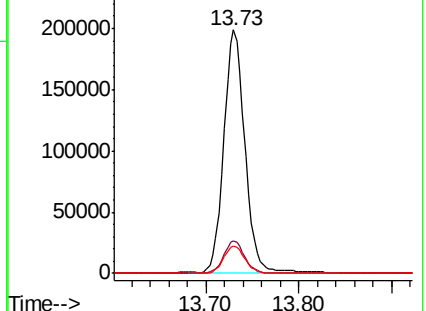
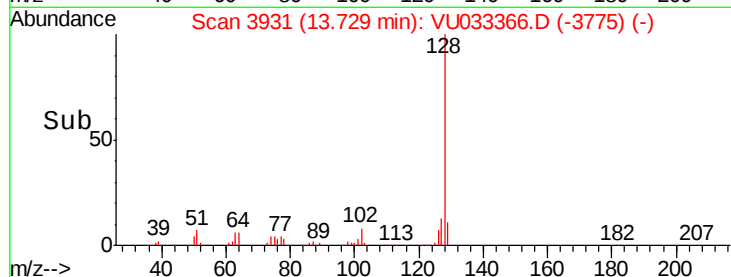
129 10.9 8.5 12.7



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



#90

1,2,3-Trichlorobenzene

Concen: 12.115 ug/l

RT: 13.97 min Scan# 4007

Delta R.T. -0.00 min

Lab File: VU033366.D

Acq: 22 Jul 2019 21:52

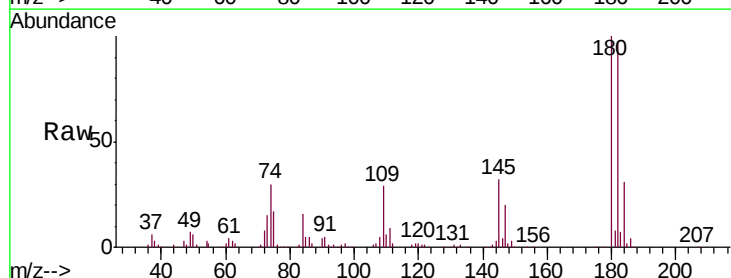
Tgt Ion:180 Resp: 149640

Ion Ratio Lower Upper

180 100

182 96.8 77.9 116.9

145 32.8 25.8 38.8



Abundance Ion 179.70 (179.40 to 180.40): V

Ion 181.70 (181.40 to 182.40): V

Ion 144.80 (144.50 to 145.50): V

