

Data File : VU033365.D
Acq On : 22 Jul 2019 21:26
Operator : JC/SP
Sample : VSTDIC015
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

Quant Time: Jul 23 01:51:54 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U072219DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Tue Jul 23 01:45:04 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	5.72	96	33333	1.00	ug/l	0.00

System Monitoring Compounds

57) 4-Bromofluorobenzene	10.29	95	13497	1.13	ug/l	0.00
Spiked Amount	1.000		Recovery	=	113.00%	
68) 1,2-Dichlorobenzene-d4	11.85	152	14609	1.30	ug/l	0.00
Spiked Amount	1.000		Recovery	=	130.00%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	198979	13.379 ug/l	100
3) Chloromethane	1.32	50	217275	12.370 ug/l	99
4) Vinyl Chloride	1.39	62	242772	14.203 ug/l	99
5) Bromomethane	1.62	94	150858	17.391 ug/l	100
6) Chloroethane	1.69	64	193010	19.225 ug/l	98
7) Trichlorofluoromethane	1.87	101	336480	16.740 ug/l	100
8) 1,1,2-Trichloro-1,2,2-trif	2.27	101	169817	17.061 ug/l	98
9) 1,1-Dichloroethene	2.27	96	168764	17.053 ug/l	98
10) Iodomethane	2.40	142	244921	21.643 ug/l	99
11) Allyl Chloride	2.57	41	280627	13.571 ug/l	99
12) Acrylonitrile	2.93	53	97330	32.911 ug/l	94
13) Acetone	2.33	43	182985	68.735 ug/l	100
14) Carbon Disulfide	2.46	76	633643	16.737 ug/l	100
15) Methylene Chloride	2.68	84	203099	16.161 ug/l	99
16) trans-1,2-Dichloroethene	2.96	96	197335	17.740 ug/l	98
17) 1,1-Dichloroethane	3.42	63	268248	12.372 ug/l	100
18) 2-Butanone	4.27	43	210768	63.584 ug/l	98
19) Cyclohexane	4.96	56	199675	12.095 ug/l	88
20) Methylcyclohexane	6.39	83	246902	18.045 ug/l	98
21) 2,2-Dichloropropane	4.20	77	215440	13.403 ug/l	100
22) cis-1,2-Dichloroethene	4.20	96	159788	14.147 ug/l	99
23) Diethyl Ether	2.09	59	149154	15.991 ug/l	98
24) tert-Butyl Alcohol	2.87	59	181828	179.416 ug/l	100
25) Methyl tert-Butyl Ether	2.98	73	500181	17.410 ug/l	100
26) Bromochloromethane	4.52	128	69029	14.389 ug/l	97
27) Chloroform	4.65	83	285077	13.924 ug/l	99
28) 1,1,1-Trichloroethane	4.89	97	243570	14.071 ug/l	100
29) 1,1-Dichloropropene	5.11	75	213426	15.354 ug/l	99
30) Carbon Tetrachloride	5.11	117	217658	14.688 ug/l	99
31) Isopropyl Ether	3.56	45	367316	11.584 ug/l	98
32) Ethyl-t-butyl ether	4.05	59	371123	14.142 ug/l	100
33) Tert-Amyl methyl ether	5.56	73	357465	16.775 ug/l	100
34) Propionitrile	4.33	54	62758	69.476 ug/l #	97
35) Benzene	5.36	78	605499	14.267 ug/l	99
36) 1,2-Dichloroethane	5.38	62	194700	13.979 ug/l	99
37) Trichloroethene	6.16	130	160029	15.173 ug/l	97
38) 1,2-Dichloropropane	6.41	63	165813	13.864 ug/l	98
39) Methacrylonitrile	4.53	41	47524	12.857 ug/l	97
40) Methyl acrylate	4.41	55	83467	17.020 ug/l	98
41) Tetrahydrofuran	4.64	42	50718	24.848 ug/l	96
42) 1-Chlorobutane	5.04	56	287486	13.844 ug/l	99

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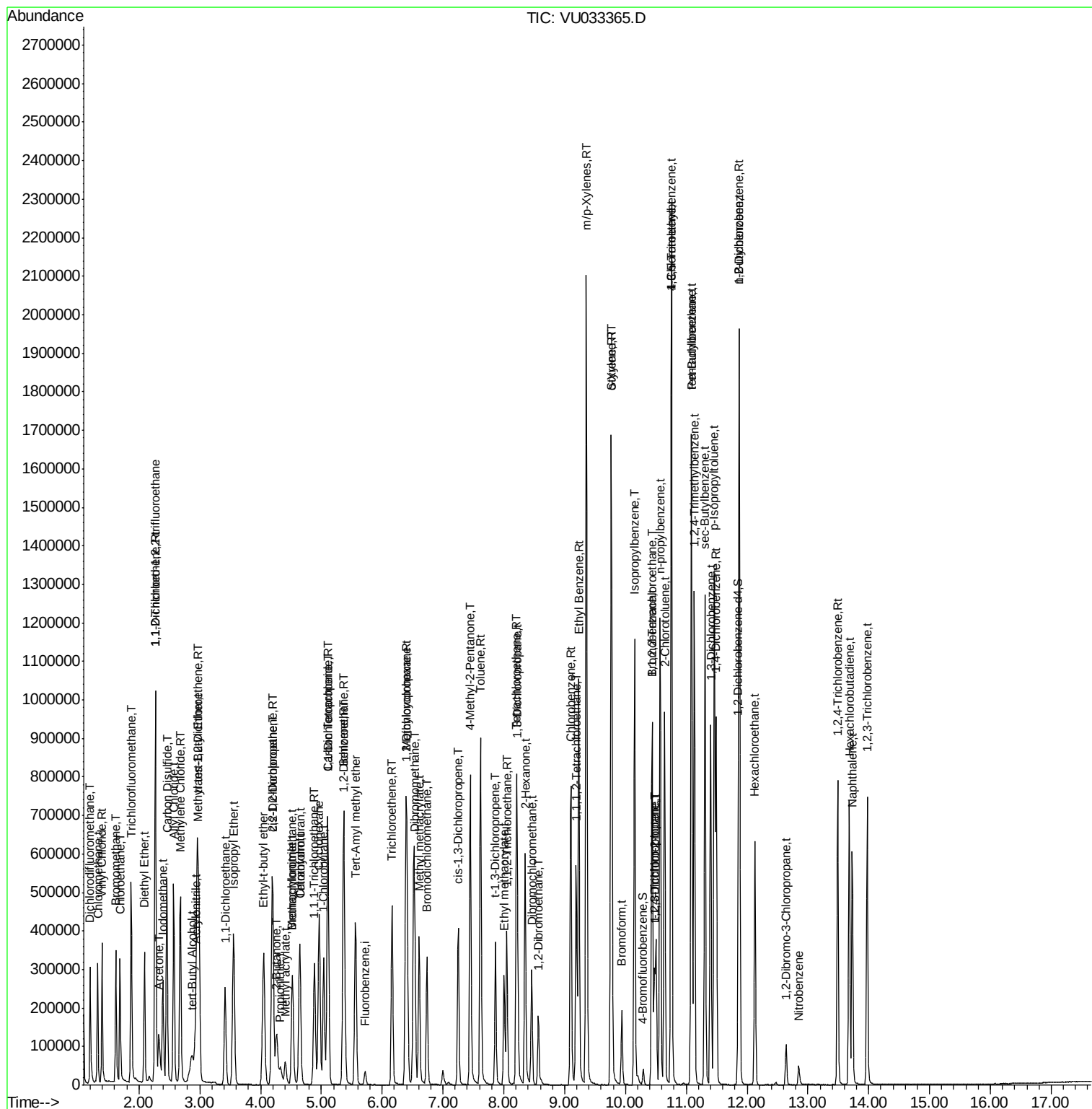
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.54	93	89401	14.875	ug/l	97
44) Bromodichloromethane	6.74	83	213008	14.386	ug/l	99
45) 4-Methyl-2-Pentanone	7.45	43	523915	74.988	ug/l	99
46) t-1,4-Dichloro-2-butene	10.48	75	100887	44.583	ug/l	90
47) Methyl methacrylate	6.61	69	160563	34.956	ug/l	99
48) Ethyl methacrylate	8.00	69	149939	18.752	ug/l	100
49) Toluene	7.62	92	383464	17.129	ug/l	99
50) t-1,3-Dichloropropene	7.86	75	201512	17.178	ug/l	99
51) cis-1,3-Dichloropropene	7.25	75	231316	16.323	ug/l	99
52) 1,1,2-Trichloroethane	8.05	97	122917	15.590	ug/l	97
53) 1,3-Dichloropropane	8.22	76	211725	15.503	ug/l	100
54) 2-Hexanone	8.35	43	375826	79.402	ug/l	99
55) Dibromochloromethane	8.46	129	147832	16.573	ug/l	100
56) 1,2-Dibromoethane	8.57	107	115460	16.329	ug/l	99
58) Tetrachloroethene	8.21	164	150086	14.842	ug/l	97
59) Chlorobenzene	9.10	112	421771	17.685	ug/l	98
60) 1,1,1,2-Tetrachloroethane	9.19	131	150868	16.326	ug/l	99
61) Pentachloroethane	11.09	117	119032	17.622	ug/l	100
62) Hexachloroethane	12.13	117	122092	18.500	ug/l	98
63) Ethyl Benzene	9.23	91	743786	19.161	ug/l	99
64) m/p-Xylenes	9.36	106	591663	40.376	ug/l	99
65) o-Xylene	9.76	106	279699	19.589	ug/l	99
66) Styrene	9.77	104	489862	20.641	ug/l	100
67) Bromoform	9.94	173	83323	16.721	ug/l	99
69) Isopropylbenzene	10.15	105	730600	19.637	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.44	83	161591	15.869	ug/l	100
71) 1,2,3-Trichloropropane	10.48	75	100887	13.572	ug/l	93
72) Bromobenzene	10.44	156	176389	18.573	ug/l	99
73) n-propylbenzene	10.57	120	211020	21.580	ug/l	99
74) 2-Chlorotoluene	10.64	126	182462	19.665	ug/l	97
75) 1,3,5-Trimethylbenzene	10.76	105	662827	20.715	ug/l	99
76) 4-Chlorotoluene	10.76	126	191937	21.036	ug/l	100
77) tert-Butylbenzene	11.08	119	613470	20.400	ug/l	99
78) 1,2,4-Trimethylbenzene	11.13	105	682798	21.050	ug/l	100
79) sec-Butylbenzene	11.31	105	848459	20.669	ug/l	100
80) Nitrobenzene	12.85	77	29060	114.719	ug/l	98
81) p-Isopropyltoluene	11.46	119	707593	21.802	ug/l	100
82) 1,3-Dichlorobenzene	11.40	146	368981	19.411	ug/l	99
83) 1,4-Dichlorobenzene	11.49	146	372463	20.314	ug/l	99
84) n-Butylbenzene	11.87	91	705385	22.455	ug/l	99
85) 1,2-Dichlorobenzene	11.86	146	346389	19.121	ug/l	100
86) 1,2-Dibromo-3-Chloropropan	12.64	75	26832	18.100	ug/l	97
87) 1,2,4-Trichlorobenzene	13.49	180	236199	25.142	ug/l	99
88) Hexachlorobutadiene	13.68	225	124929	18.929	ug/l	99
89) Naphthalene	13.73	128	465090	28.225	ug/l	100
90) 1,2,3-Trichlorobenzene	13.97	180	224332	23.471	ug/l	98

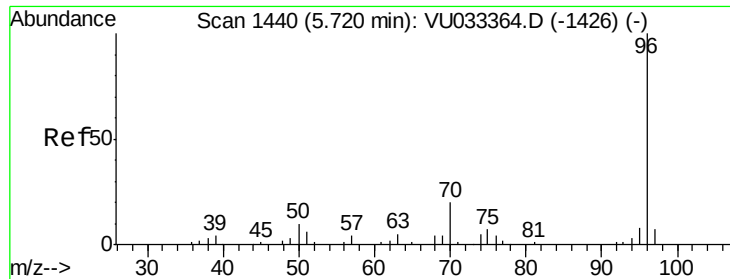
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU033365.D

Acq: 22 Jul 2019 21:26

Instrument :

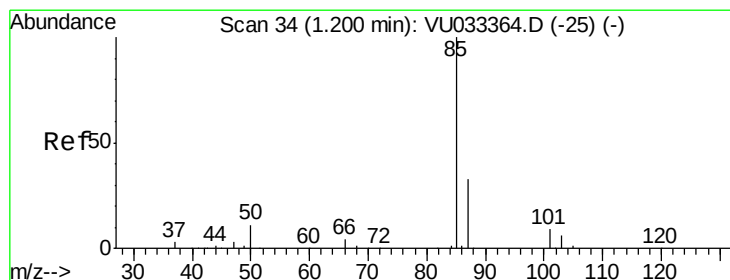
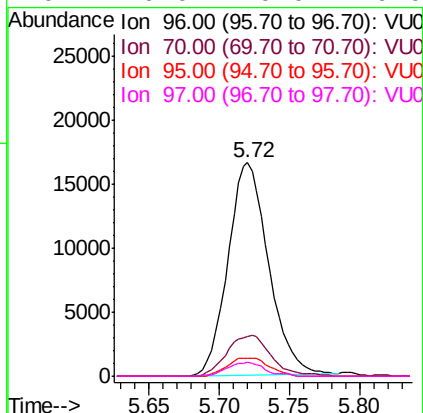
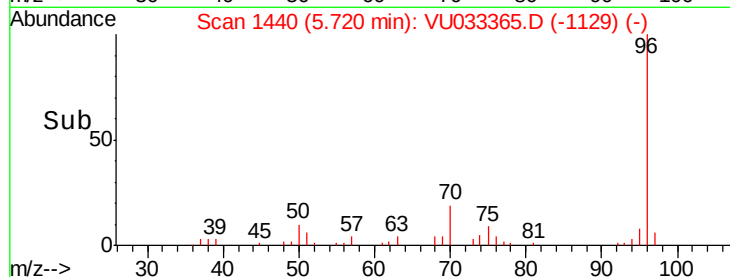
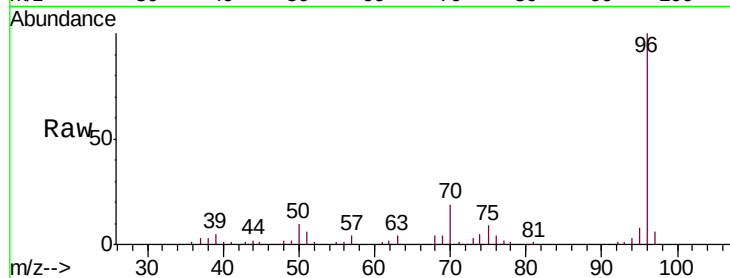
MSVOA_U

ClientSampleId :

VSTDIC015

Tgt Ion: 96 Resp: 33333

Ion	Ratio	Lower	Upper
96	100		
70	21.1	16.4	24.6
95	0.0	6.7	10.1#
97	0.0	0.0	0.0



#2

Dichlorodifluoromethane

Concen: 13.379 ug/l

RT: 1.20 min Scan# 34

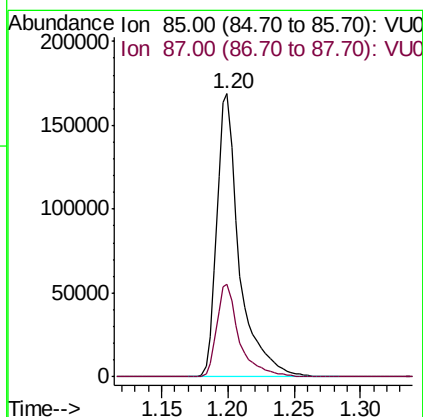
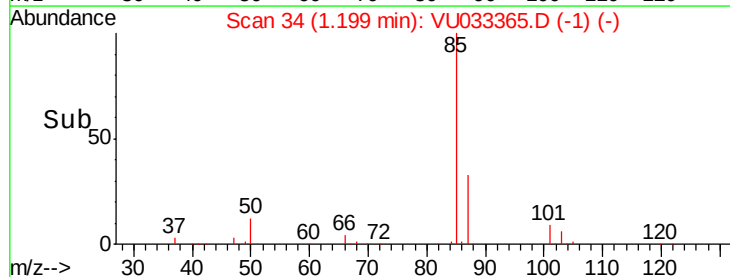
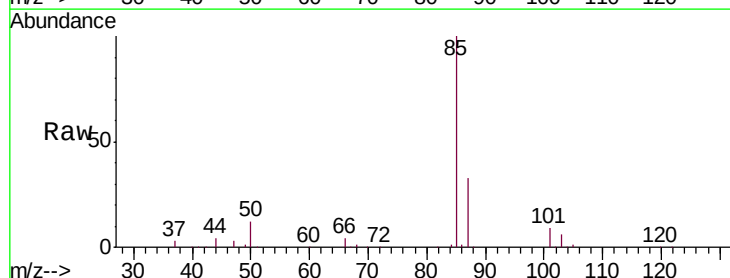
Delta R.T. -0.00 min

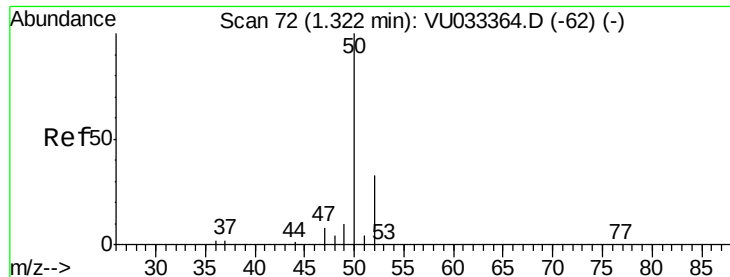
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Tgt Ion: 85 Resp: 198979

Ion	Ratio	Lower	Upper
85	100		
87	32.9	16.6	49.7





#3

Chloromethane

Concen: 12.370 ug/l

RT: 1.32 min Scan# 72

Delta R.T. -0.00 min

Lab File: VU033365.D

Acq: 22 Jul 2019 21:26

Instrument :

MSVOA_U

ClientSampleId :

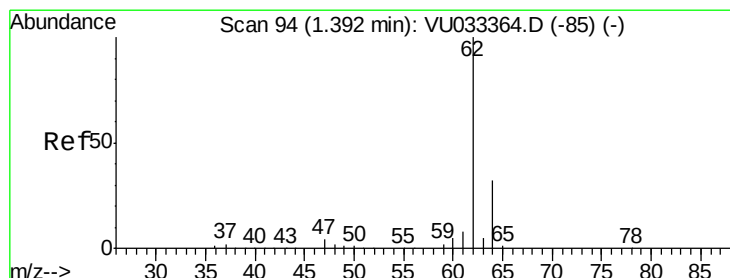
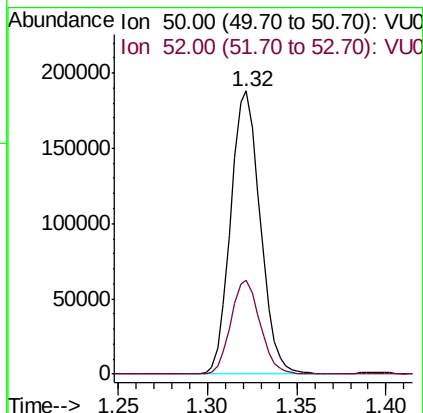
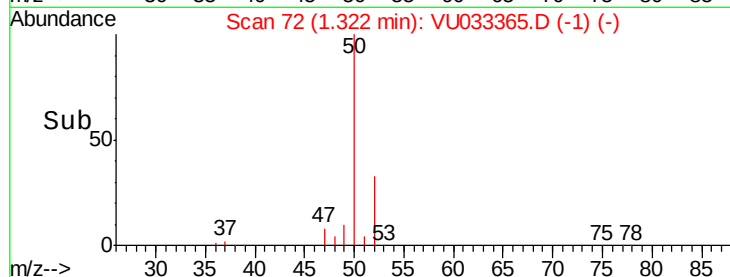
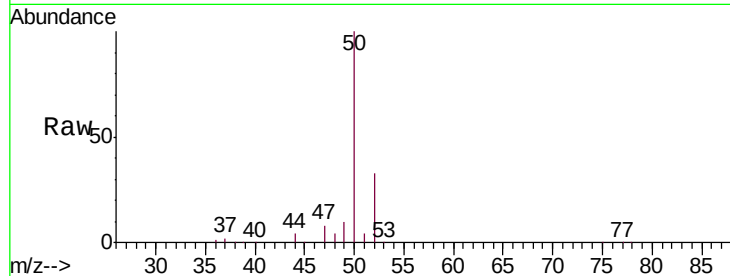
VSTDIC015

Tgt Ion: 50 Resp: 217275

Ion Ratio Lower Upper

50 100

52 33.2 26.1 39.1



#4

Vinyl Chloride

Concen: 14.203 ug/l

RT: 1.39 min Scan# 94

Delta R.T. -0.00 min

Lab File: VU033365.D

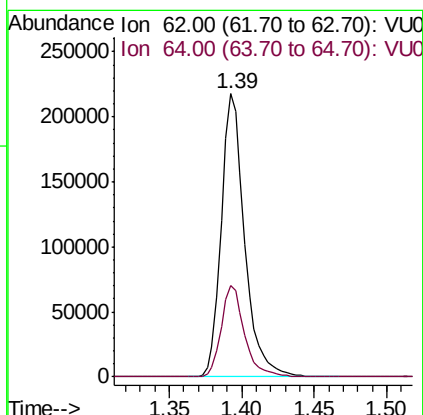
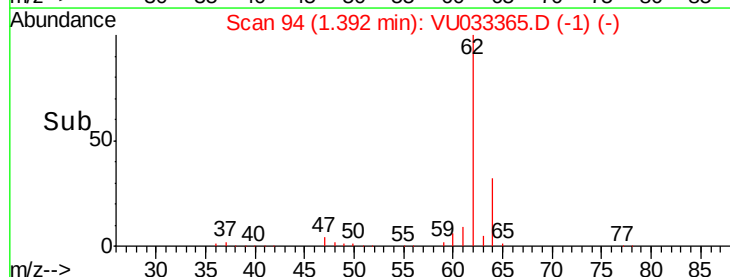
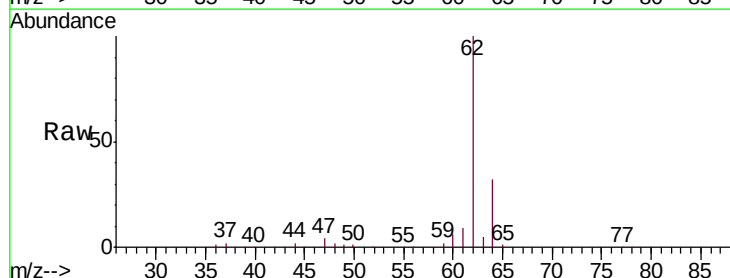
Acq: 22 Jul 2019 21:26

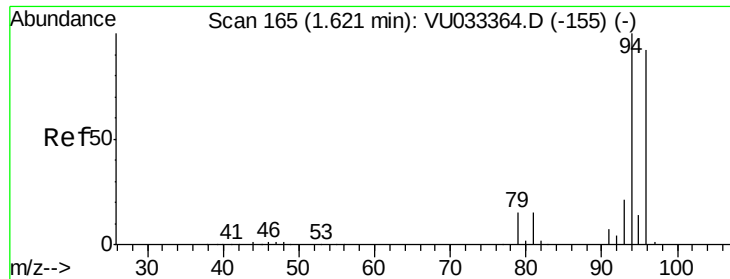
Tgt Ion: 62 Resp: 242772

Ion Ratio Lower Upper

62 100

64 32.4 25.6 38.4

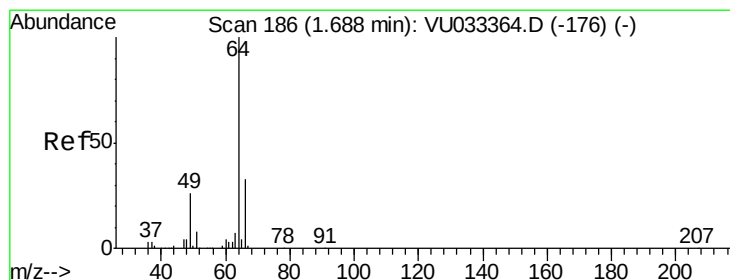
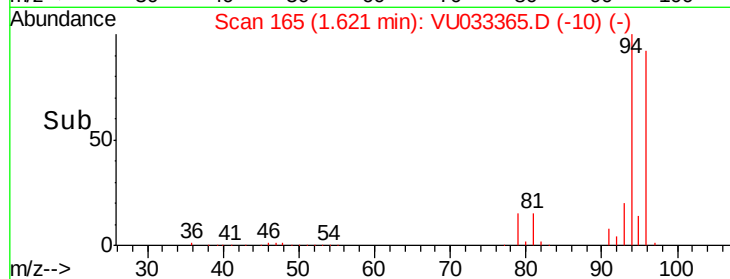
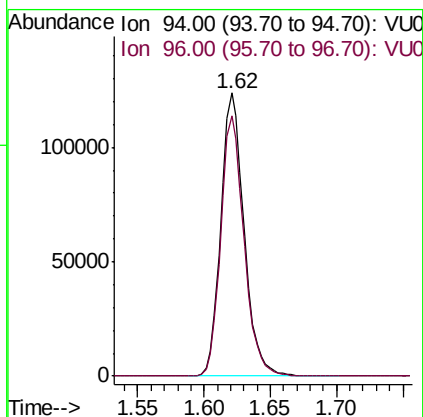
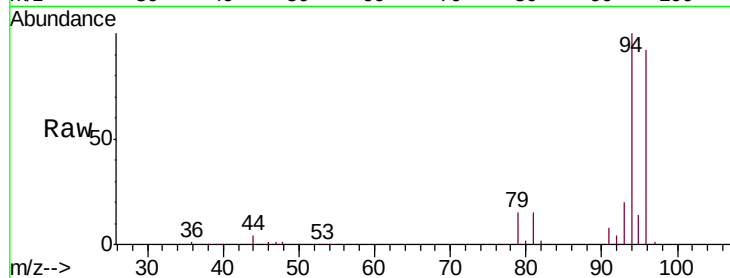




#5
Bromomethane
Concen: 17.391 ug/l
RT: 1.62 min Scan# 165
Delta R.T. -0.00 min
Lab File: VU033365.D
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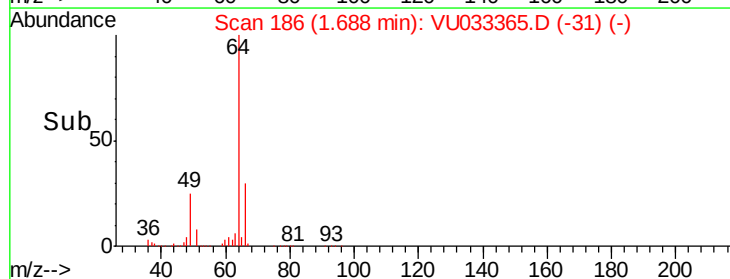
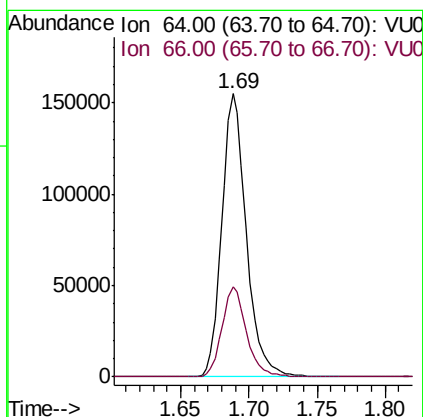
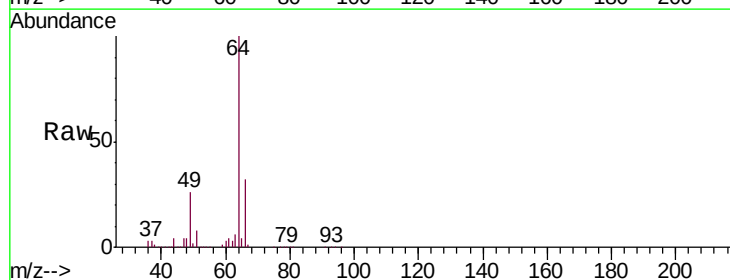
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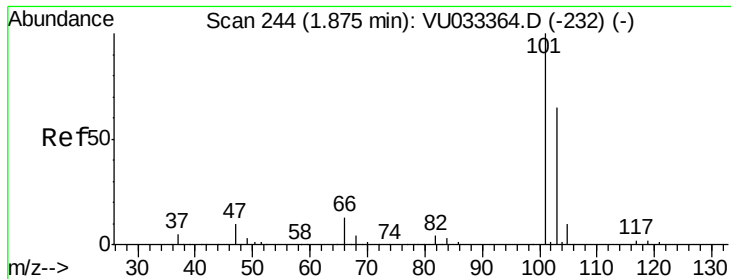
Tgt Ion: 94 Resp: 150858
Ion Ratio Lower Upper
94 100
96 92.0 73.2 109.8



#6
Chloroethane
Concen: 19.225 ug/l
RT: 1.69 min Scan# 186
Delta R.T. -0.00 min
Lab File: VU033365.D
Acq: 22 Jul 2019 21:26

Tgt Ion: 64 Resp: 193010
Ion Ratio Lower Upper
64 100
66 32.0 26.4 39.6



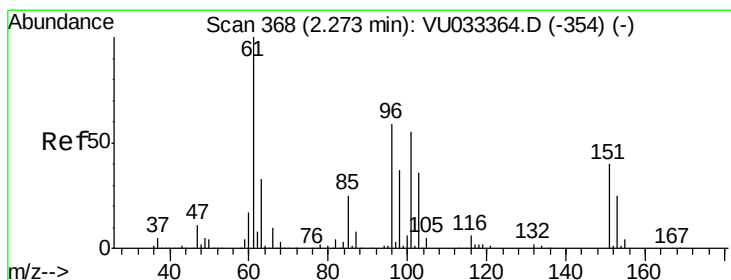
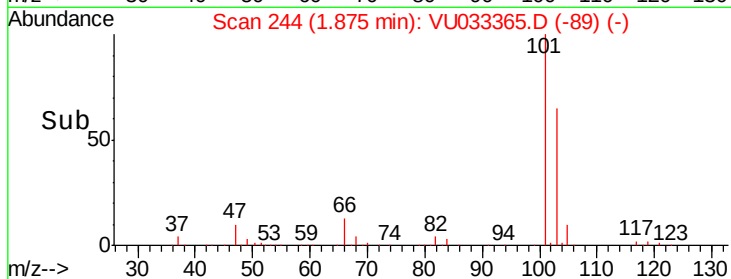
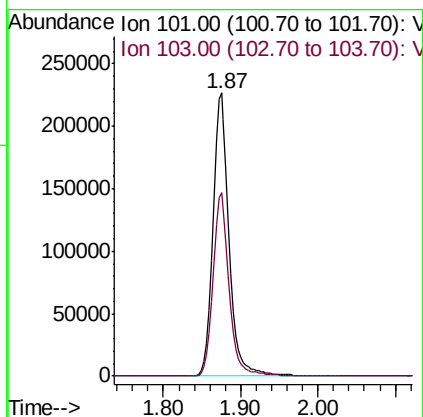
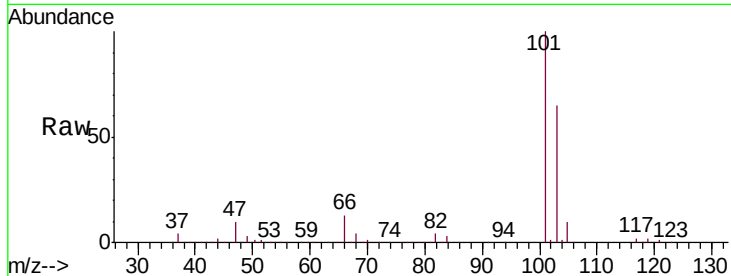


#7

Trichlorofluoromethane
 Concen: 16.740 ug/l
 RT: 1.87 min Scan# 244
 Delta R.T. -0.00 min
 Lab File: VU033365.D
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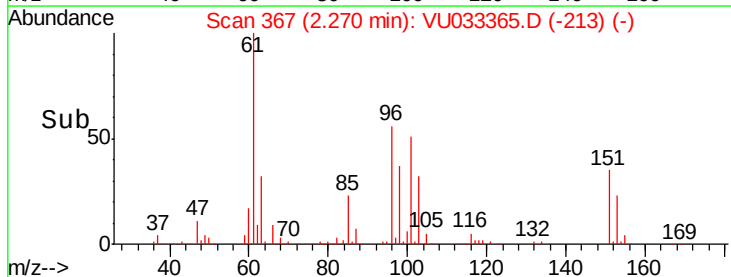
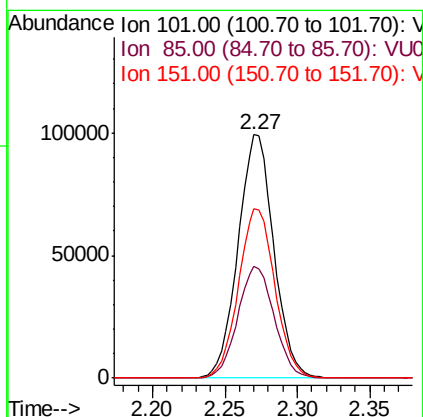
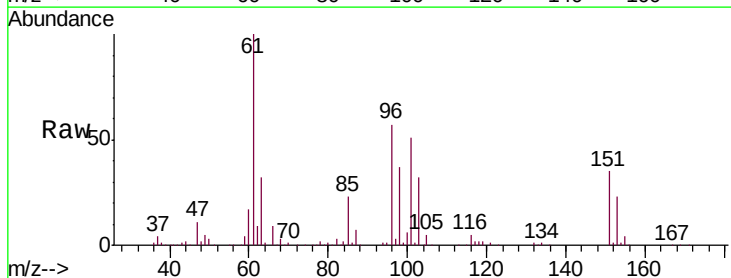
Tgt Ion:101 Resp: 336480
 Ion Ratio Lower Upper
 101 100
 103 64.9 52.2 78.2

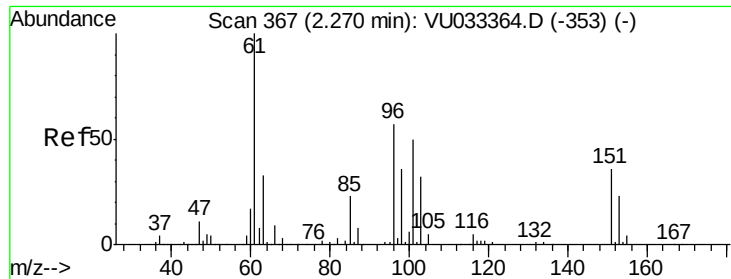


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 17.061 ug/l
 RT: 2.27 min Scan# 367
 Delta R.T. -0.00 min
 Lab File: VU033365.D
 Acq: 22 Jul 2019 21:26

Tgt Ion:101 Resp: 169817
 Ion Ratio Lower Upper
 101 100
 85 46.7 37.5 56.3
 151 70.9 58.3 87.5





#9

1,1-Dichloroethene

Concen: 17.053 ug/l

RT: 2.27 min Scan# 367

Delta R.T. -0.00 min

Lab File: VU033365.D

Acq: 22 Jul 2019 21:26

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC015

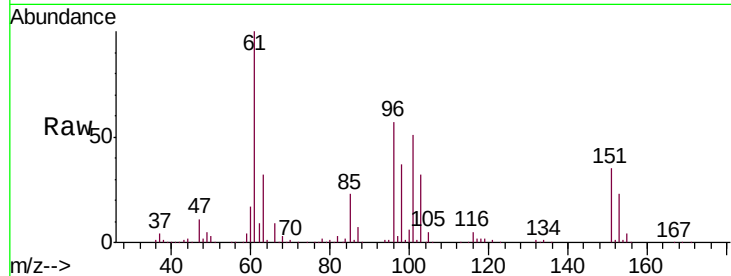
Tgt Ion: 96 Resp: 168764

Ion Ratio Lower Upper

96 100

61 176.9 0.0 525.6

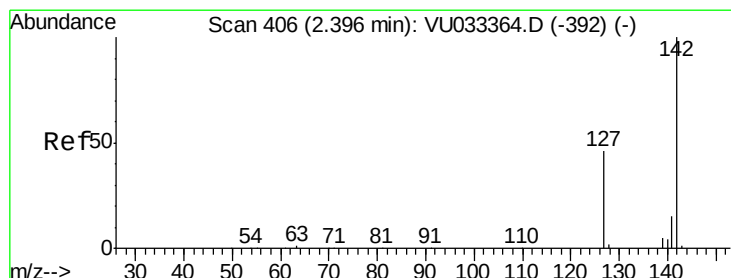
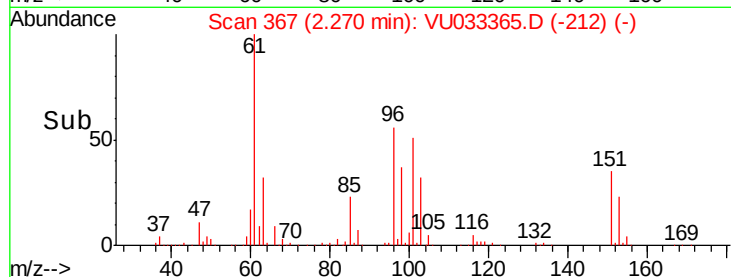
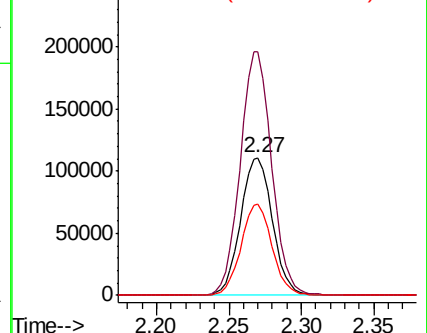
98 66.2 0.0 126.4



Abundance Ion 96.00 (95.70 to 96.70): VU033364.D (-353) (-)

Ion 61.00 (60.70 to 61.70): VU033364.D (-353) (-)

Ion 98.00 (97.70 to 98.70): VU033364.D (-353) (-)



#10

Iodomethane

Concen: 21.643 ug/l

RT: 2.40 min Scan# 406

Delta R.T. -0.00 min

Lab File: VU033365.D

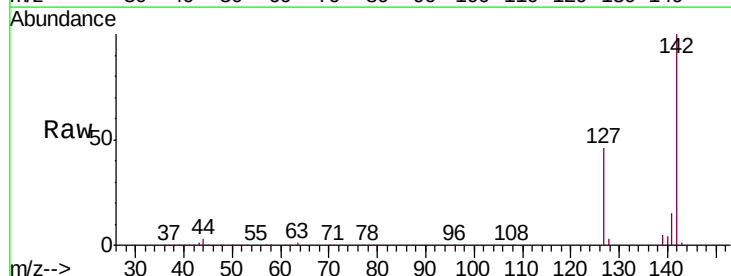
Acq: 22 Jul 2019 21:26

Tgt Ion: 142 Resp: 244921

Ion Ratio Lower Upper

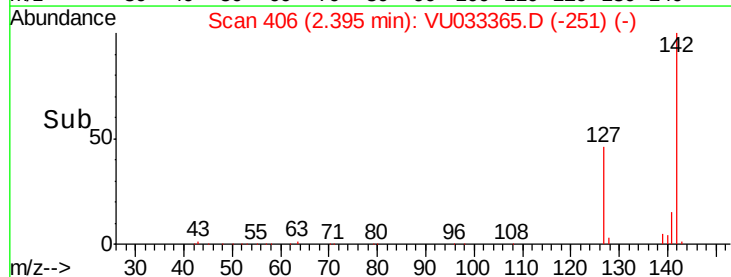
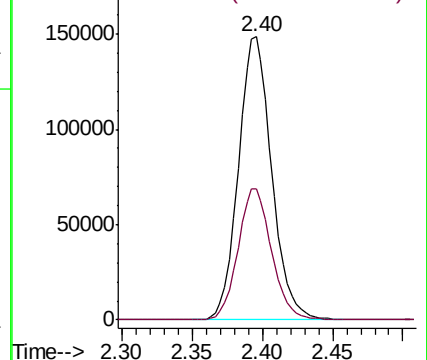
142 100

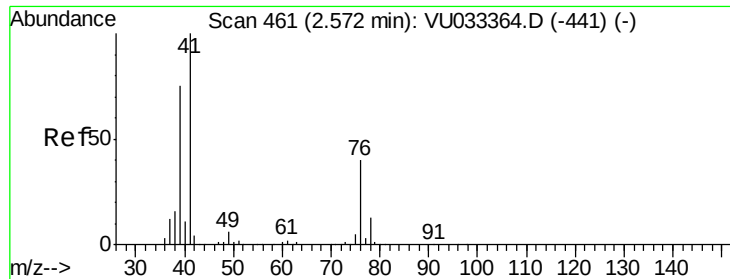
127 46.7 37.8 56.6



Abundance Ion 142.00 (141.70 to 142.70): VU033364.D (-392) (-)

Ion 127.00 (126.70 to 127.70): VU033364.D (-392) (-)

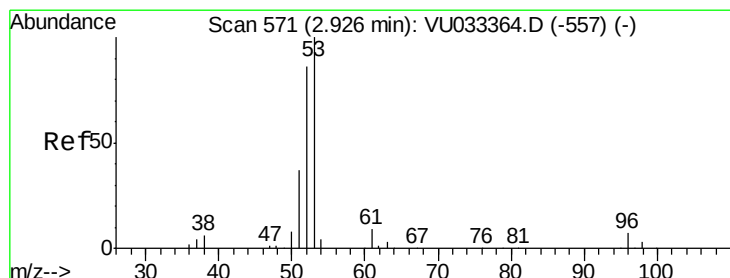
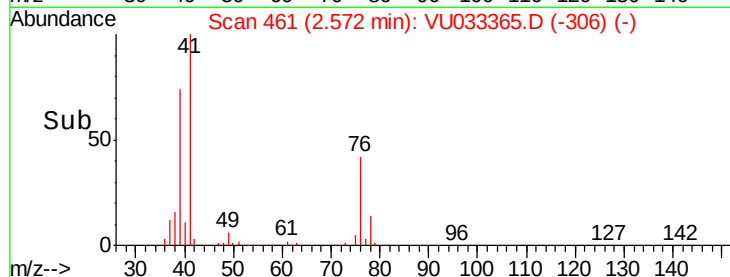
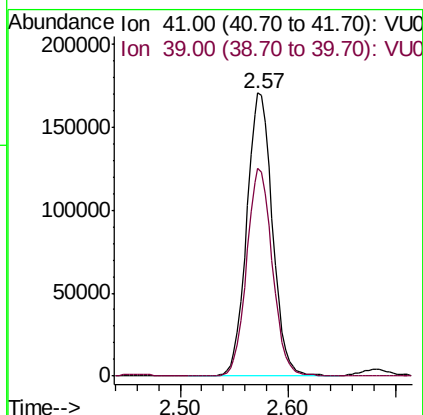
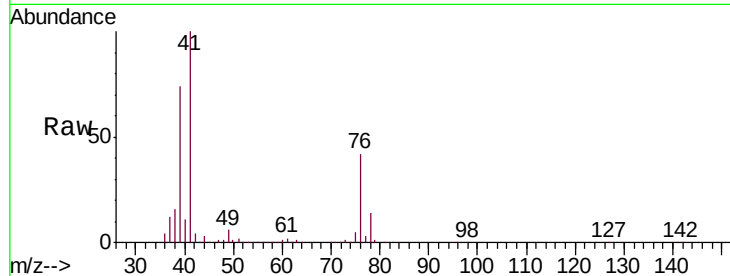




#11
 Allyl Chloride
 Concen: 13.571 ug/l
 RT: 2.57 min Scan# 461
 Delta R.T. -0.00 min
 Lab File: VU033365.D
 Acq: 22 Jul 2019 21:26

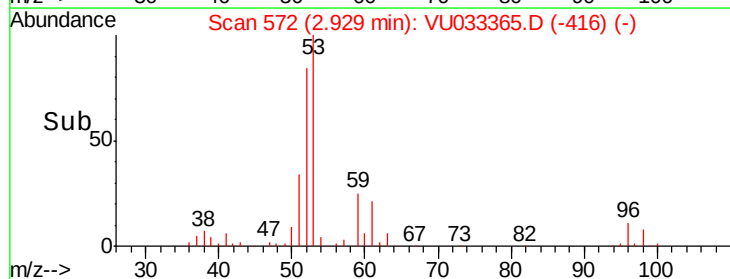
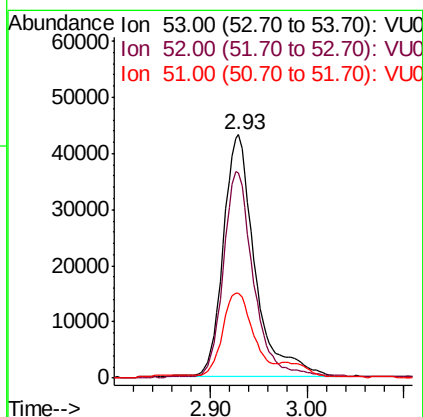
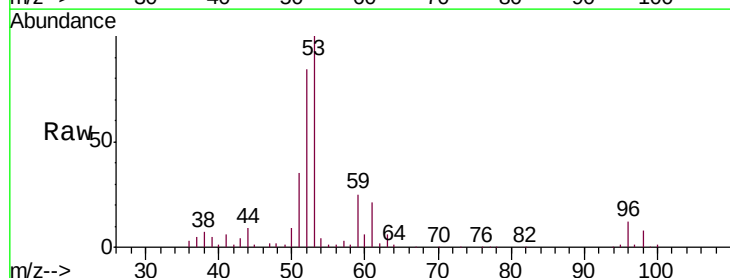
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC015

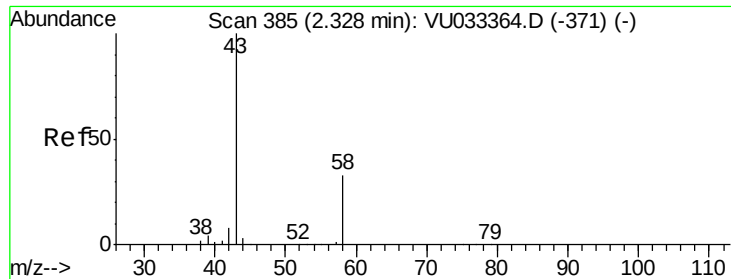
Tgt Ion: 41 Resp: 280627
 Ion Ratio Lower Upper
 41 100
 39 72.8 58.7 88.1



#12
 Acrylonitrile
 Concen: 32.911 ug/l
 RT: 2.93 min Scan# 572
 Delta R.T. 0.00 min
 Lab File: VU033365.D
 Acq: 22 Jul 2019 21:26

Tgt Ion: 53 Resp: 97330
 Ion Ratio Lower Upper
 53 100
 52 81.4 69.8 104.8
 51 33.3 29.1 43.7





#13

Acetone

Concen: 68.735 ug/l

RT: 2.33 min Scan# 385

Delta R.T. -0.00 min

Lab File: VU033365.D

Acq: 22 Jul 2019 21:26

Instrument :

MSVOA_U

ClientSampleId :

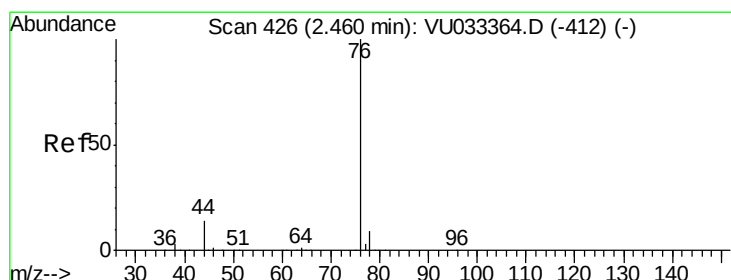
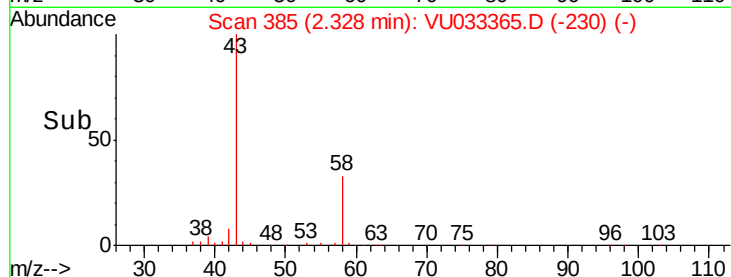
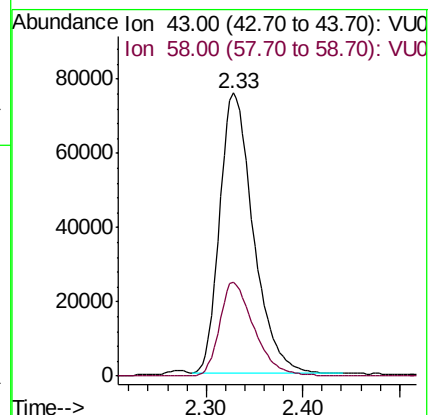
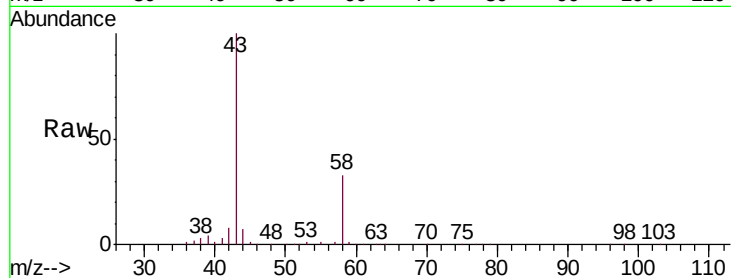
VSTDIC015

Tgt Ion: 43 Resp: 182985

Ion Ratio Lower Upper

43 100

58 33.1 26.3 39.5



#14

Carbon Disulfide

Concen: 16.737 ug/l

RT: 2.46 min Scan# 426

Delta R.T. -0.00 min

Lab File: VU033365.D

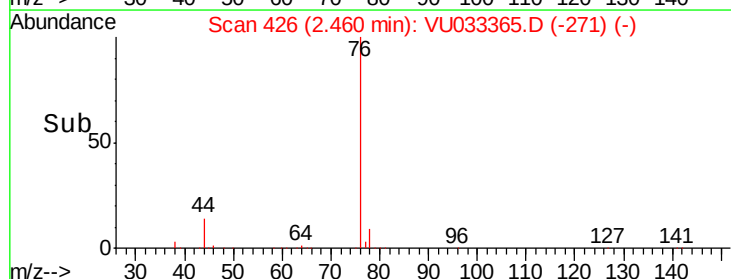
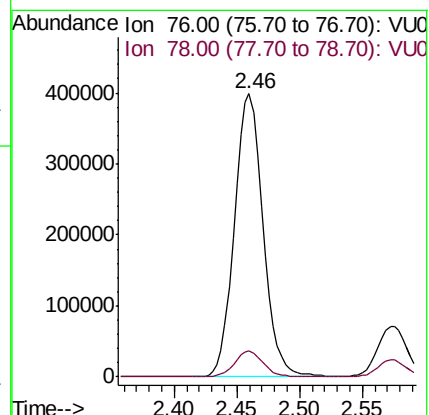
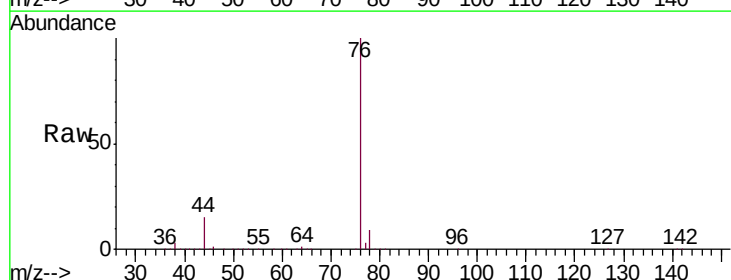
Acq: 22 Jul 2019 21:26

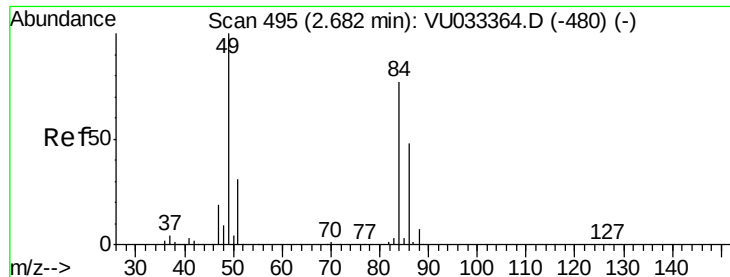
Tgt Ion: 76 Resp: 633643

Ion Ratio Lower Upper

76 100

78 9.0 7.1 10.7

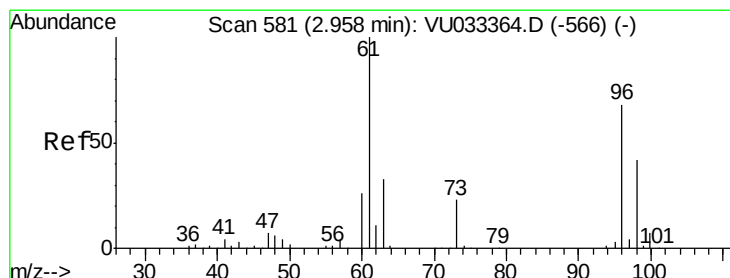
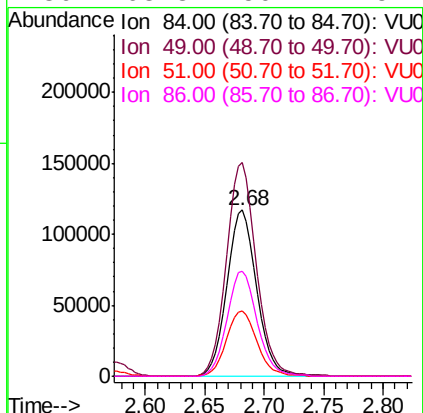
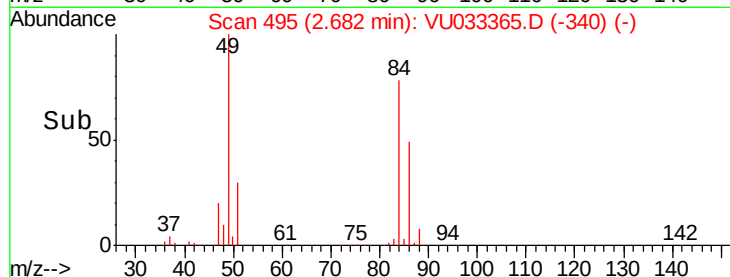
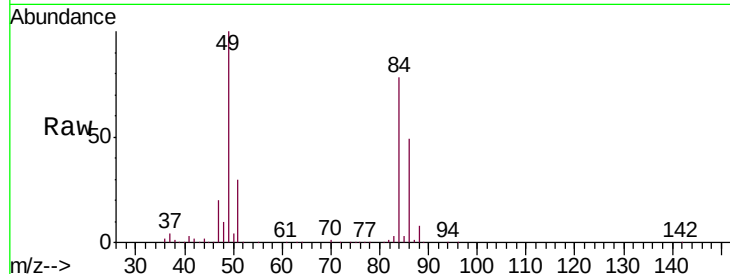




#15
Methylene Chloride
Concen: 16.161 ug/l
RT: 2.68 min Scan# 495
Delta R.T. -0.00 min
Lab File: VU033365.D
Acq: 22 Jul 2019 21:26

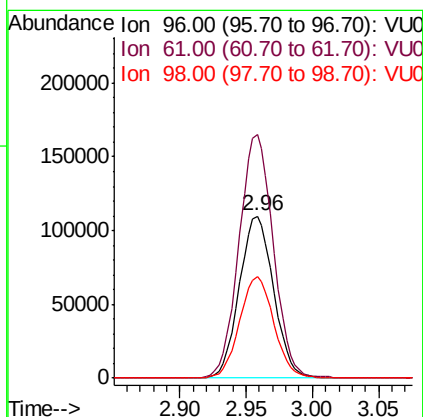
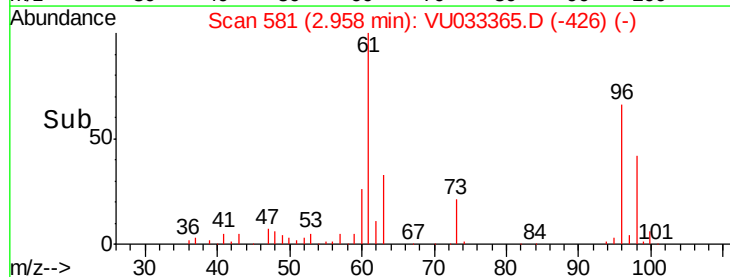
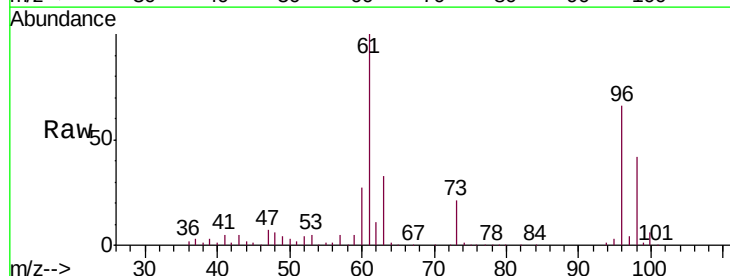
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

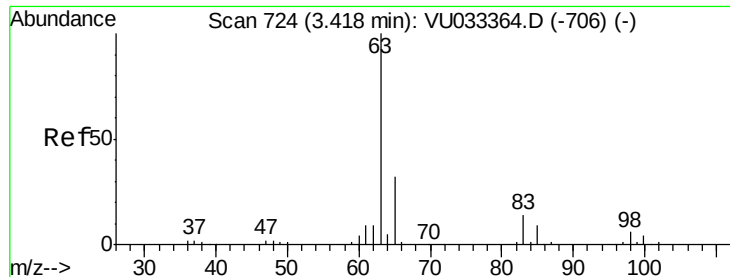
Tgt Ion: 84 Resp: 203099
Ion Ratio Lower Upper
84 100
49 128.5 103.5 155.3
51 39.0 0.0 80.4
86 63.3 50.1 75.1



#16
trans-1,2-Dichloroethene
Concen: 17.740 ug/l
RT: 2.96 min Scan# 581
Delta R.T. -0.00 min
Lab File: VU033365.D
Acq: 22 Jul 2019 21:26

Tgt Ion: 96 Resp: 197335
Ion Ratio Lower Upper
96 100
61 150.3 118.0 177.0
98 62.5 49.4 74.2

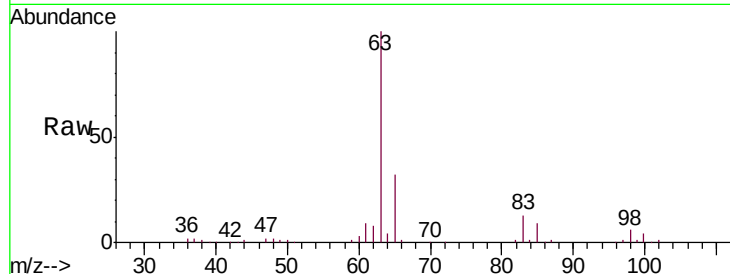




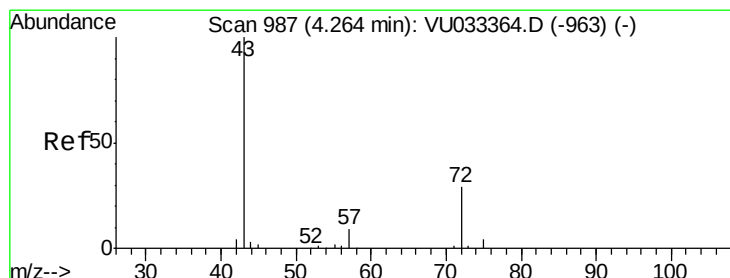
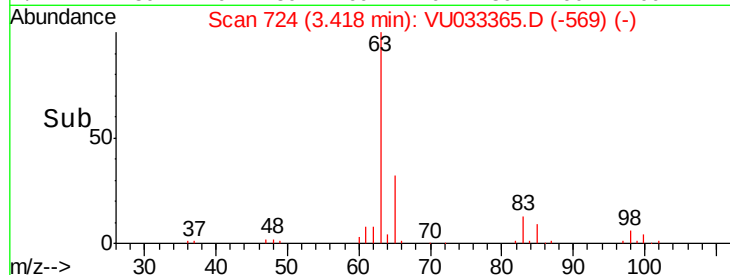
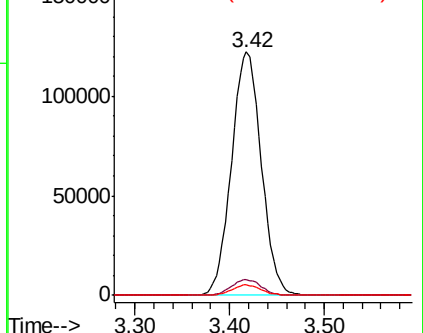
#17
 1,1-Dichloroethane
 Concen: 12.372 ug/l
 RT: 3.42 min Scan# 724
 Delta R.T. -0.00 min
 Lab File: VU033365.D
 Acq: 22 Jul 2019 21:26

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC015

Tgt Ion: 63 Resp: 268248
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.2 9.6
 100 4.2 2.1 6.2

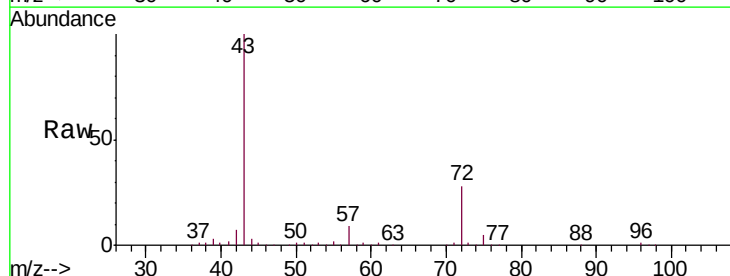


Abundance Ion 63.00 (62.70 to 63.70): VU0
 Ion 98.00 (97.70 to 98.70): VU0
 Ion 100.00 (99.70 to 100.70): VU0

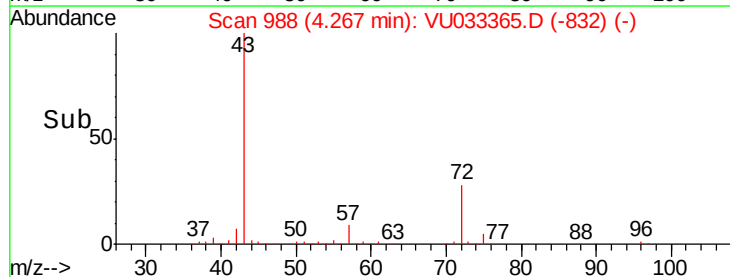
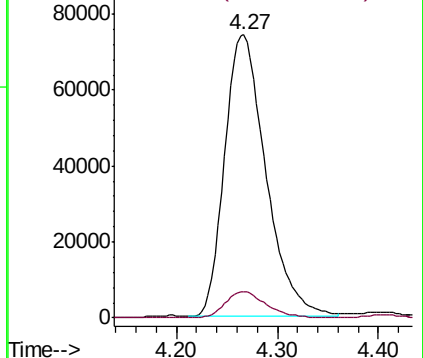


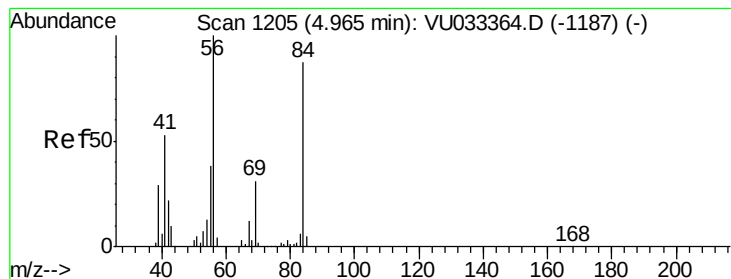
#18
 2-Butanone
 Concen: 63.584 ug/l
 RT: 4.27 min Scan# 988
 Delta R.T. 0.00 min
 Lab File: VU033365.D
 Acq: 22 Jul 2019 21:26

Tgt Ion: 43 Resp: 210768
 Ion Ratio Lower Upper
 43 100
 57 9.2 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: 12.095 ug/l

RT: 4.96 min Scan# 1205

Delta R.T. -0.00 min

Lab File: VU033365.D

Acq: 22 Jul 2019 21:26

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC015

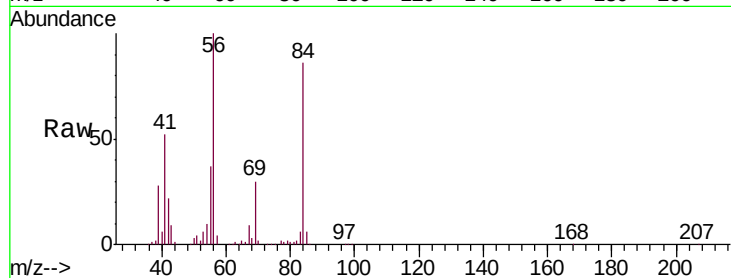
Tgt Ion: 56 Resp: 199675

Ion Ratio Lower Upper

56 100

69 36.1 25.0 37.4

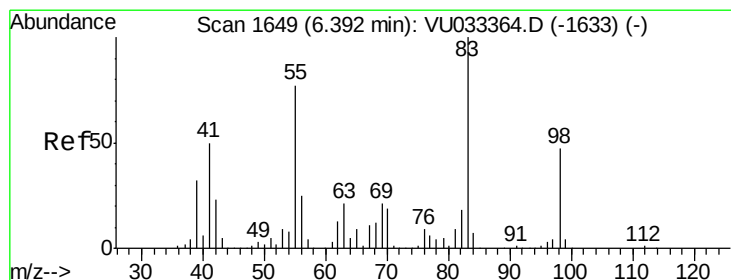
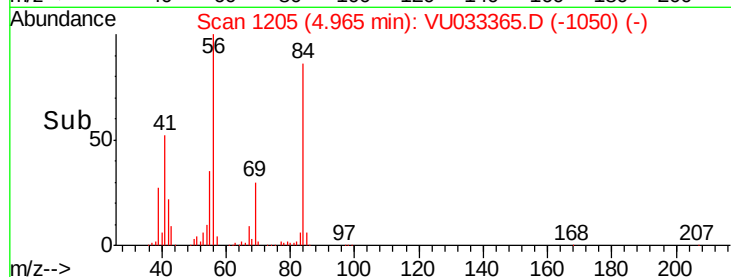
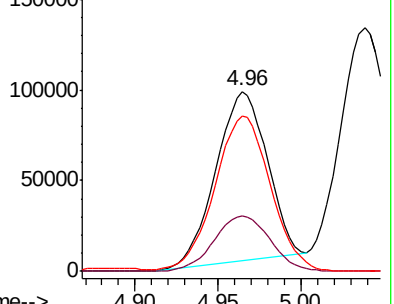
84 99.1 69.8 104.6



Abundance Ion 56.00 (55.70 to 56.70): VU033364.D (-1187) (-)

Ion 69.00 (68.70 to 69.70): VU033364.D (-1187) (-)

Ion 84.00 (83.70 to 84.70): VU033364.D (-1187) (-)



#20

Methylcyclohexane

Concen: 18.045 ug/l

RT: 6.39 min Scan# 1649

Delta R.T. -0.00 min

Lab File: VU033365.D

Acq: 22 Jul 2019 21:26

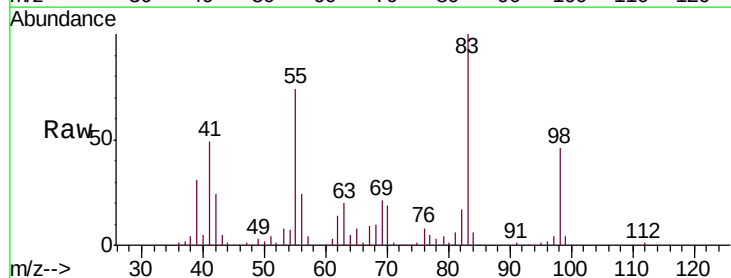
Tgt Ion: 83 Resp: 246902

Ion Ratio Lower Upper

83 100

55 75.5 62.3 93.5

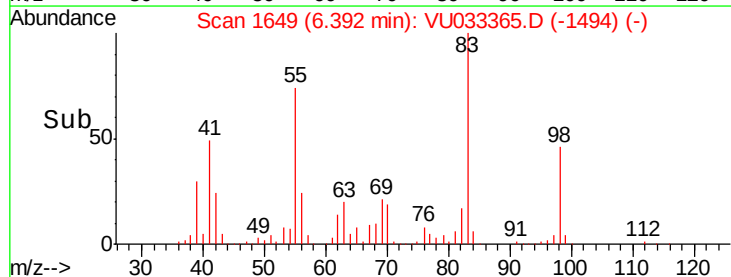
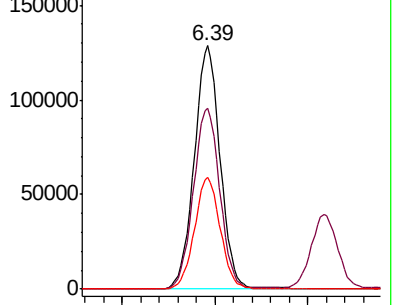
98 45.6 37.4 56.0

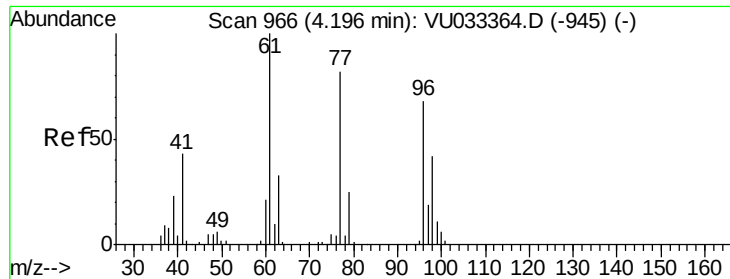


Abundance Ion 83.00 (82.70 to 83.70): VU033364.D (-1633) (-)

Ion 55.00 (54.70 to 55.70): VU033364.D (-1633) (-)

Ion 98.00 (97.70 to 98.70): VU033364.D (-1633) (-)

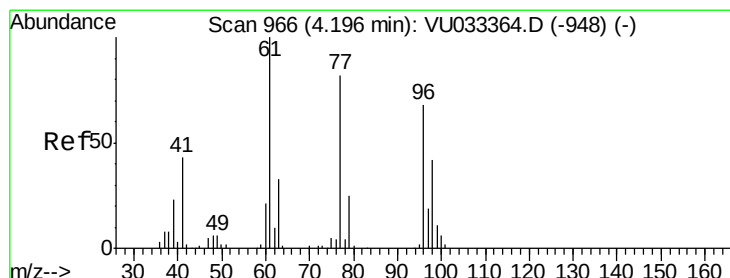
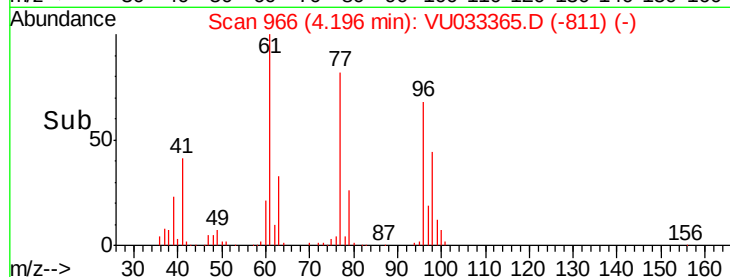
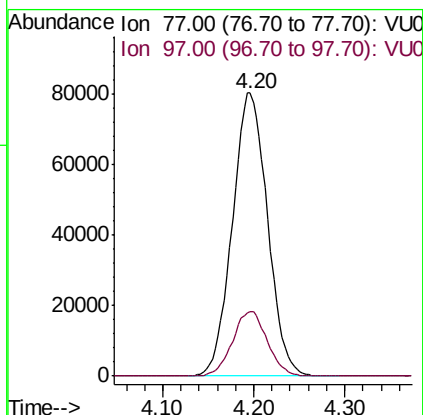
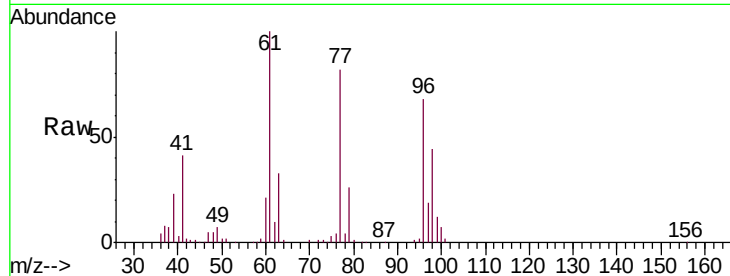




#21
 2,2-Dichloropropane
 Concen: 13.403 ug/l
 RT: 4.20 min Scan# 966
 Delta R.T. -0.00 min
 Lab File: VU033365.D
 Acq: 22 Jul 2019 21:26

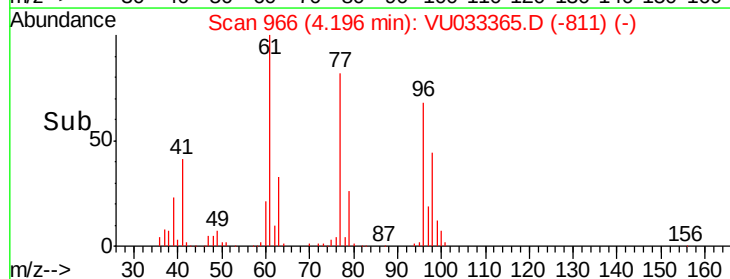
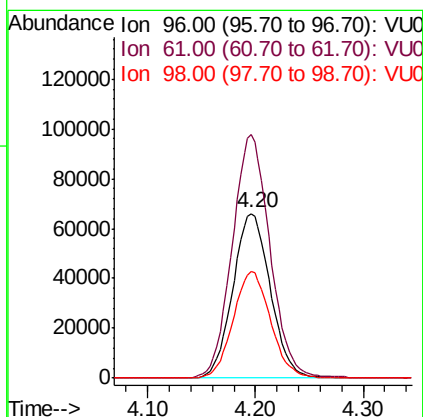
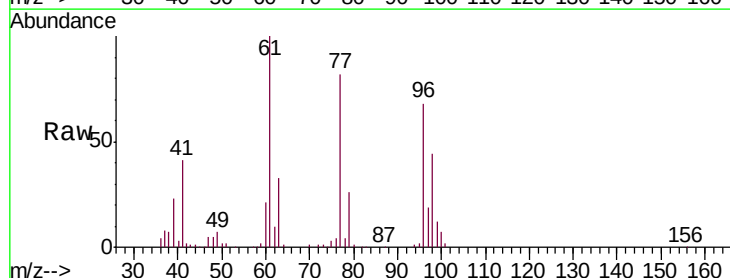
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC015

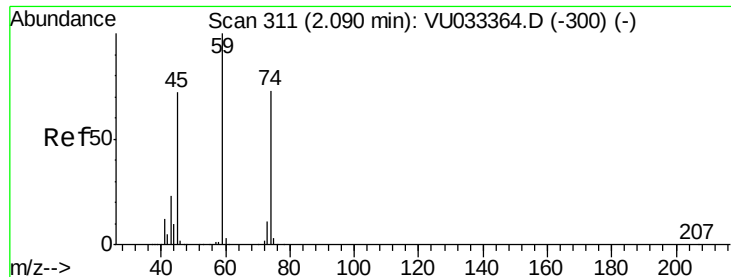
Tgt Ion: 77 Resp: 215440
 Ion Ratio Lower Upper
 77 100
 97 22.5 17.8 26.8



#22
 cis-1,2-Dichloroethene
 Concen: 14.147 ug/l
 RT: 4.20 min Scan# 966
 Delta R.T. -0.00 min
 Lab File: VU033365.D
 Acq: 22 Jul 2019 21:26

Tgt Ion: 96 Resp: 159788
 Ion Ratio Lower Upper
 96 100
 61 148.8 0.0 376.3
 98 64.7 31.9 95.9





#23

Diethyl Ether

Concen: 15.991 ug/l

RT: 2.09 min Scan# 311

Delta R.T. -0.00 min

Lab File: VU033365.D

Acq: 22 Jul 2019 21:26

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC015

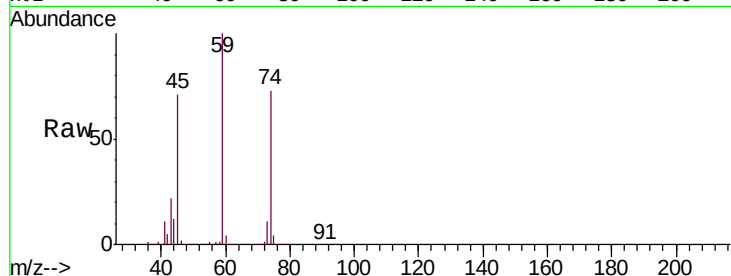
Tgt Ion: 59 Resp: 149154

Ion Ratio Lower Upper

59 100

45 70.5 57.6 86.4

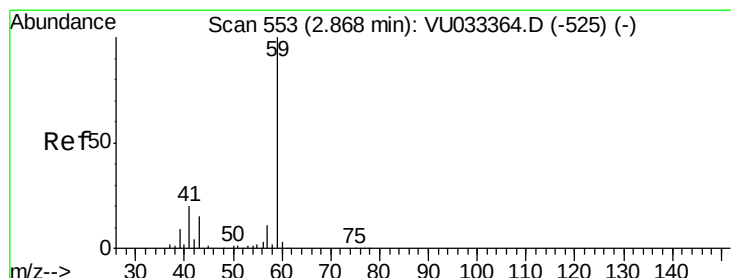
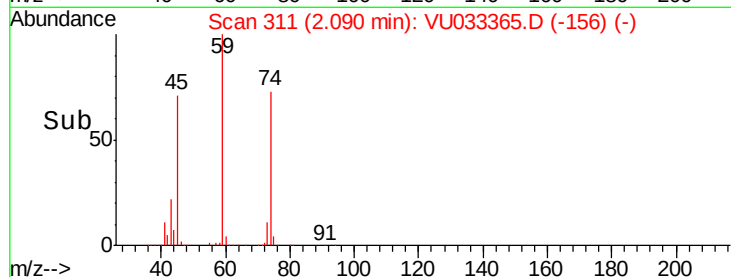
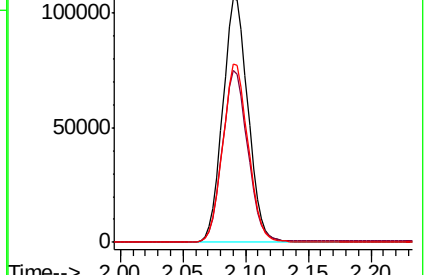
74 73.2 57.8 86.6



Abundance Ion 59.00 (58.70 to 59.70): VU033365.D (-156) (-)

Ion 45.00 (44.70 to 45.70): VU033365.D (-156) (-)

Ion 74.00 (73.70 to 74.70): VU033365.D (-156) (-)



#24

tert-Butyl Alcohol

Concen: 179.416 ug/l

RT: 2.87 min Scan# 555

Delta R.T. 0.01 min

Lab File: VU033365.D

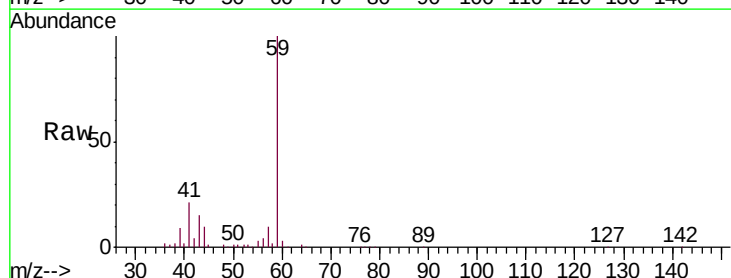
Acq: 22 Jul 2019 21:26

Tgt Ion: 59 Resp: 181828

Ion Ratio Lower Upper

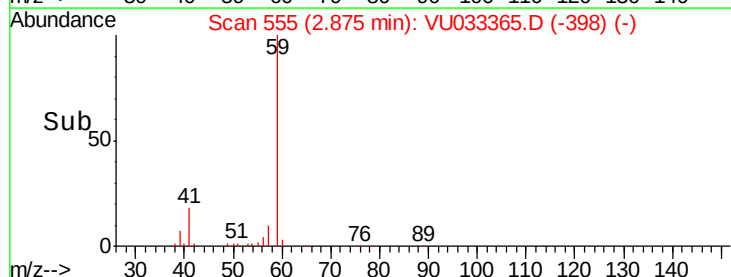
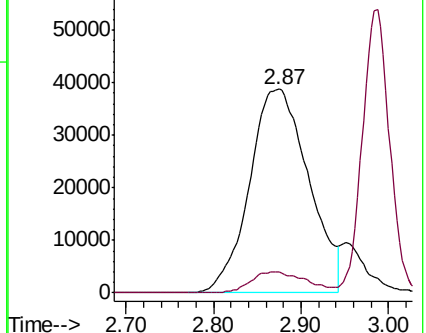
59 100

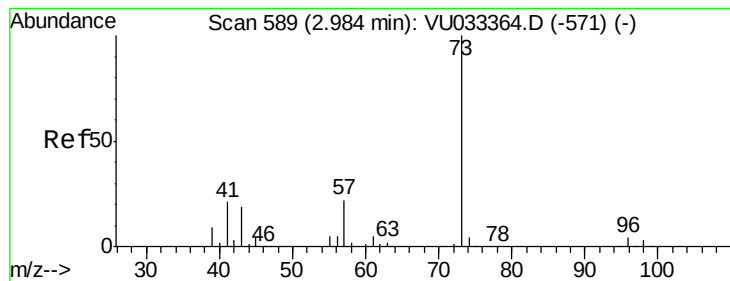
57 9.7 7.8 11.8



Abundance Ion 59.00 (58.70 to 59.70): VU033365.D (-398) (-)

Ion 57.00 (56.70 to 57.70): VU033365.D (-398) (-)





#25

Methyl tert-Butyl Ether

Concen: 17.410 ug/l

RT: 2.98 min Scan# 589

Delta R.T. -0.00 min

Lab File: VU033365.D

Acq: 22 Jul 2019 21:26

Instrument :

MSVOA_U

ClientSampleId :

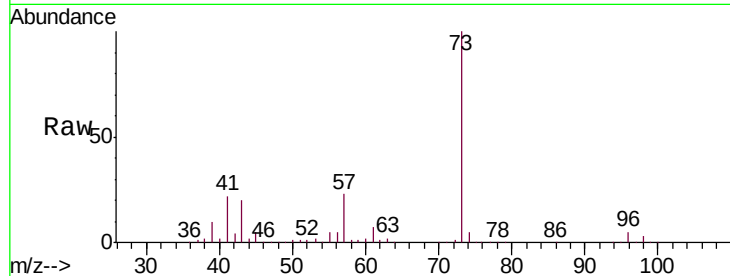
VSTDIC015

Tgt Ion: 73 Resp: 500181

Ion Ratio Lower Upper

73 100

43 20.7 16.6 24.8



Abundance Ion 73.00 (72.70 to 73.70): VU033364.D (-571) (-)

Ion 43.00 (42.70 to 43.70): VU033364.D (-571) (-)

250000

200000

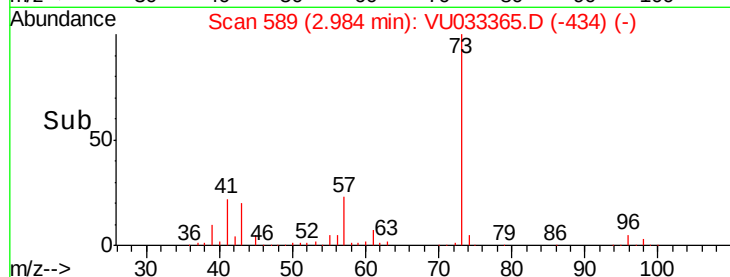
150000

100000

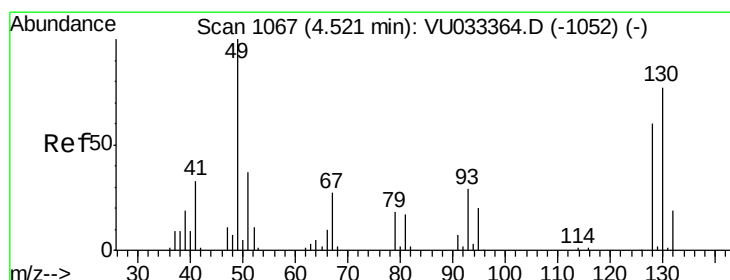
50000

0

Time-->



Time-->



#26

Bromochloromethane

Concen: 14.389 ug/l

RT: 4.52 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VU033365.D

Acq: 22 Jul 2019 21:26

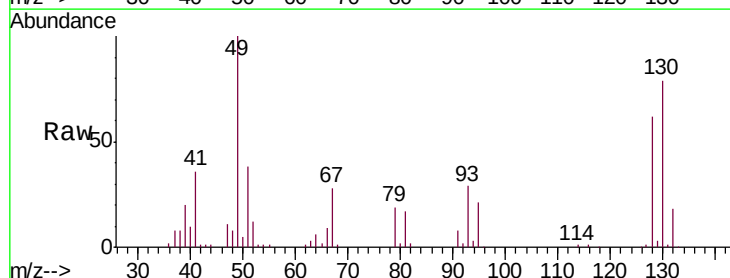
Tgt Ion: 128 Resp: 69029

Ion Ratio Lower Upper

128 100

49 161.1 0.0 333.4

130 128.8 103.4 155.2



Abundance Ion 128.00 (127.70 to 128.70): VU033364.D (-1052) (-)

Ion 49.00 (48.70 to 49.70): VU033364.D (-1052) (-)

Ion 130.00 (129.70 to 130.70): VU033364.D (-1052) (-)

60000

50000

40000

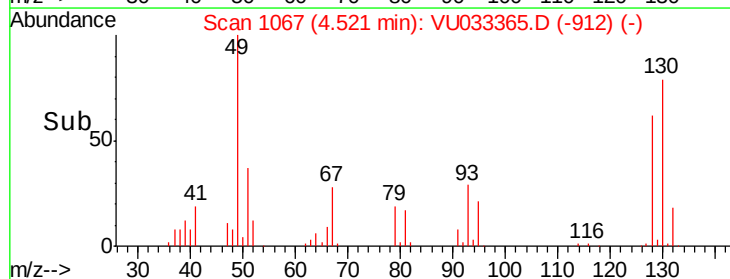
30000

20000

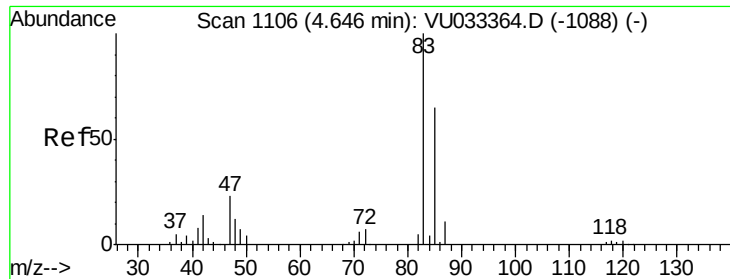
10000

0

Time-->



Time-->



#27

Chloroform

Concen: 13.924 ug/l

RT: 4.65 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VU033365.D

Acq: 22 Jul 2019 21:26

Instrument :

MSVOA_U

ClientSampleId :

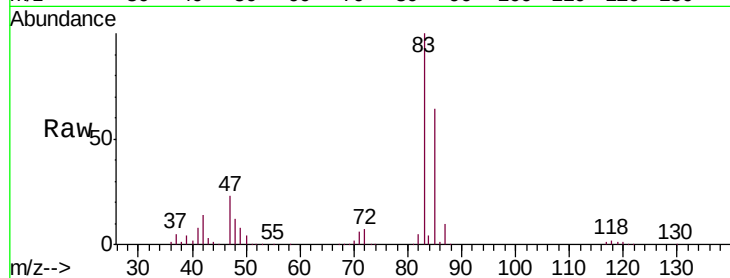
VSTDIC015

Tgt Ion: 83 Resp: 285077

Ion Ratio Lower Upper

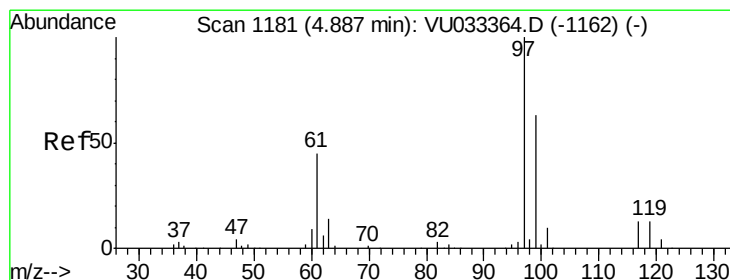
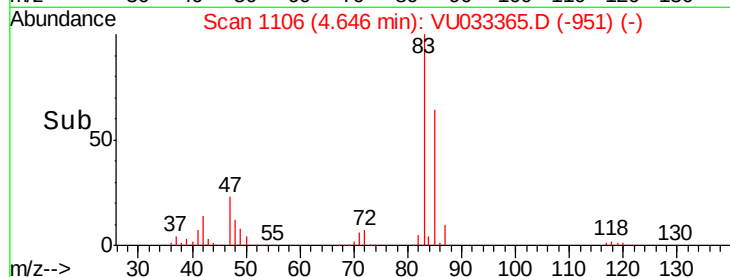
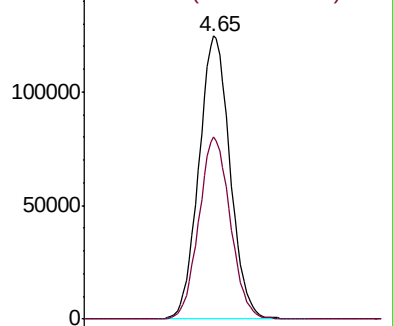
83 100

85 64.4 0.0 129.8



Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0



#28

1,1,1-Trichloroethane

Concen: 14.071 ug/l

RT: 4.89 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VU033365.D

Acq: 22 Jul 2019 21:26

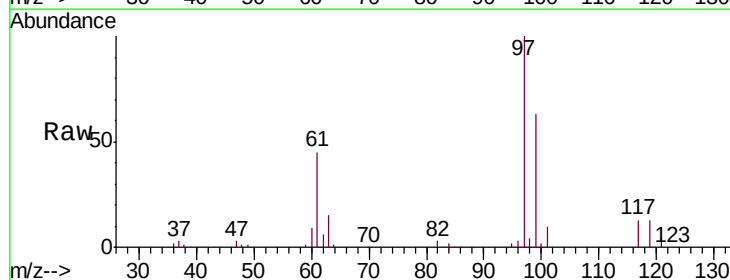
Tgt Ion: 97 Resp: 243570

Ion Ratio Lower Upper

97 100

99 63.9 31.9 95.5

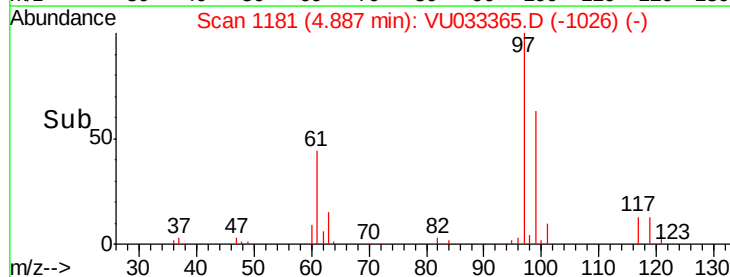
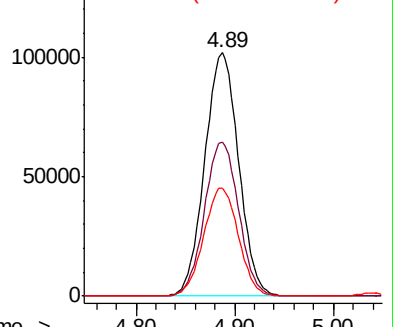
61 45.5 22.7 68.0

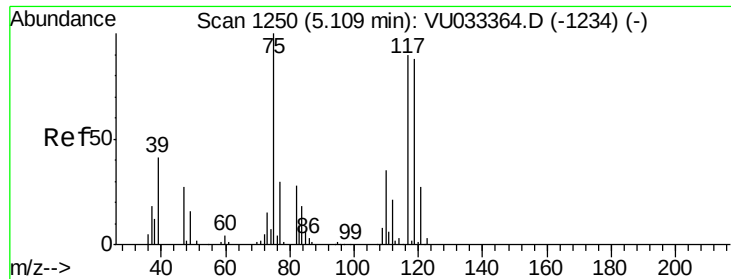


Abundance Ion 97.00 (96.70 to 97.70): VU0

Ion 99.00 (98.70 to 99.70): VU0

Ion 61.00 (60.70 to 61.70): VU0





#29

1,1-Dichloropropene

Concen: 15.354 ug/l

RT: 5.11 min Scan# 1249

Delta R.T. -0.00 min

Lab File: VU033365.D

Acq: 22 Jul 2019 21:26

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC015

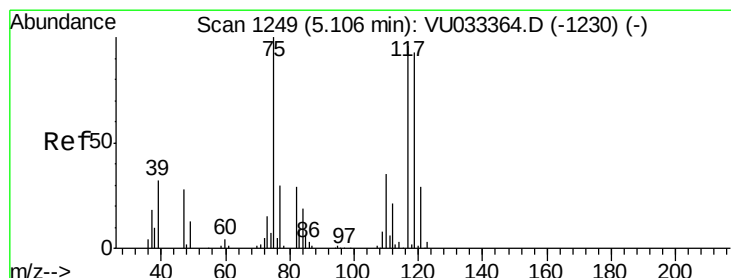
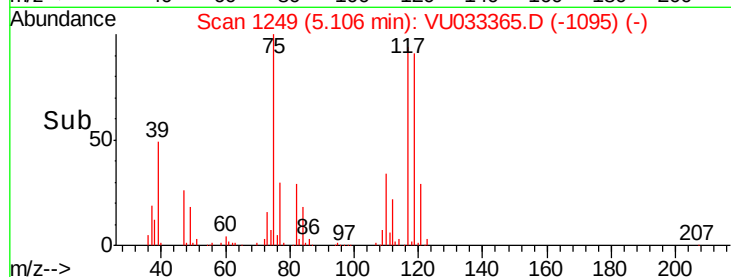
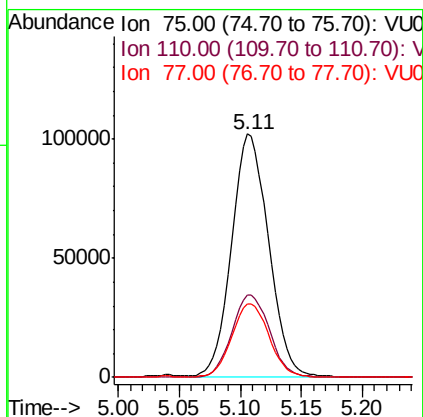
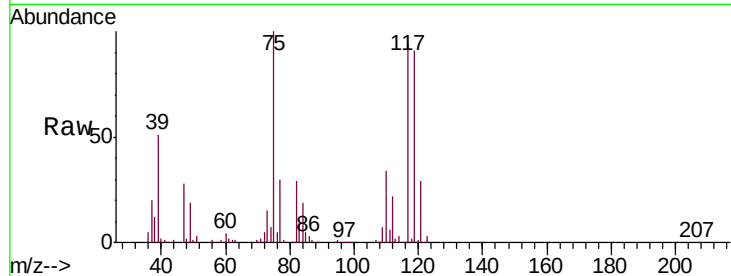
Tgt Ion: 75 Resp: 213426

Ion Ratio Lower Upper

75 100

110 34.9 17.5 52.6

77 30.6 25.1 37.7



#30

Carbon Tetrachloride

Concen: 14.688 ug/l

RT: 5.11 min Scan# 1249

Delta R.T. -0.00 min

Lab File: VU033365.D

Acq: 22 Jul 2019 21:26

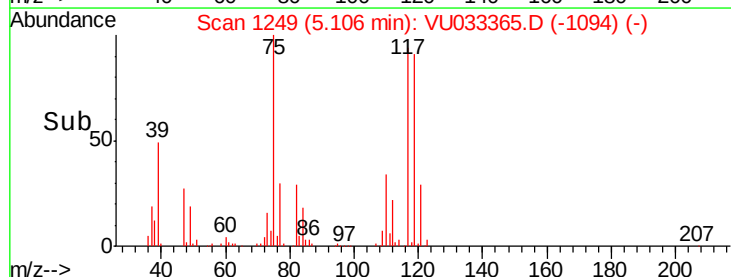
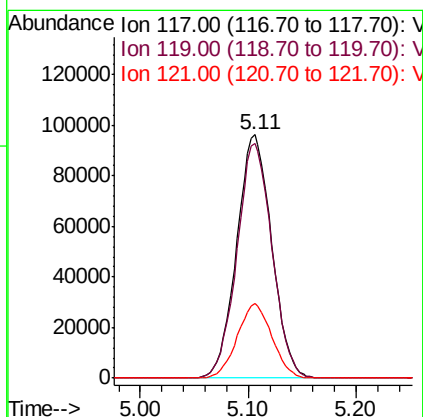
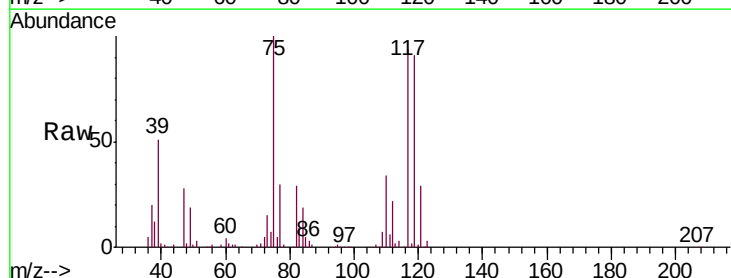
Tgt Ion: 117 Resp: 217658

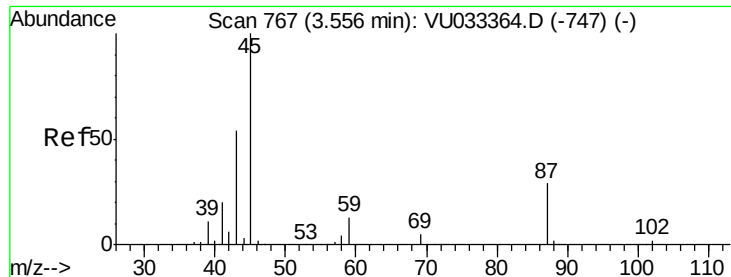
Ion Ratio Lower Upper

117 100

119 96.6 77.9 116.9

121 30.8 24.0 36.0





#31

Isopropyl Ether

Concen: 11.584 ug/l

RT: 3.56 min Scan# 767

Delta R.T. -0.00 min

Lab File: VU033365.D

Acq: 22 Jul 2019 21:26

Instrument :

MSVOA_U

ClientSampleId :

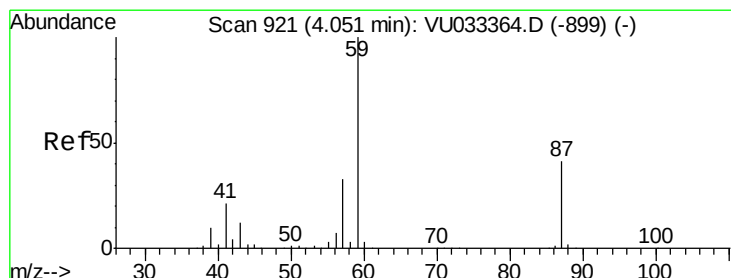
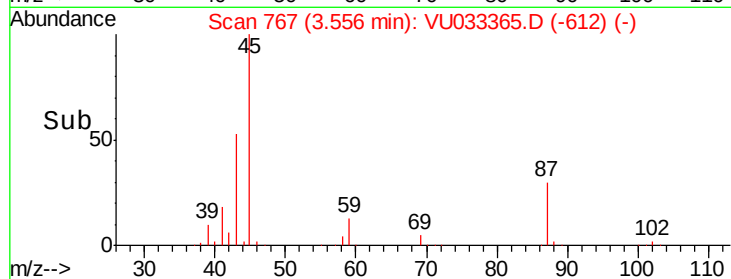
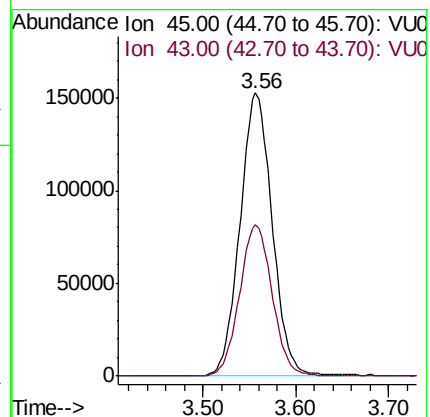
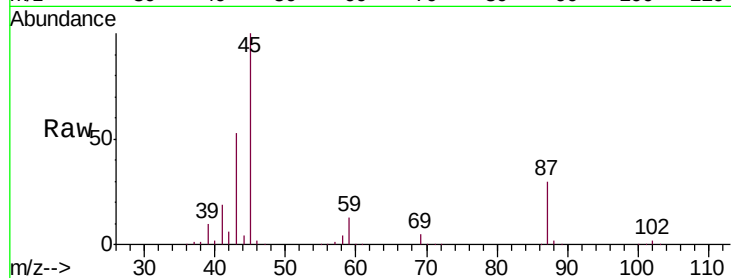
VSTDIC015

Tgt Ion: 45 Resp: 367316

Ion Ratio Lower Upper

45 100

43 54.2 27.8 83.3



#32

Ethyl-t-butyl ether

Concen: 14.142 ug/l

RT: 4.05 min Scan# 921

Delta R.T. -0.00 min

Lab File: VU033365.D

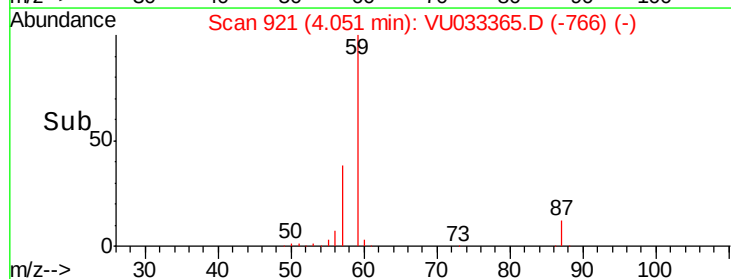
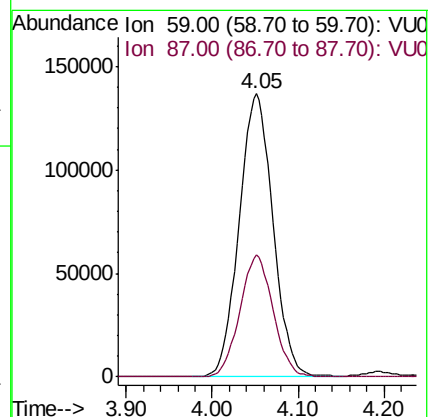
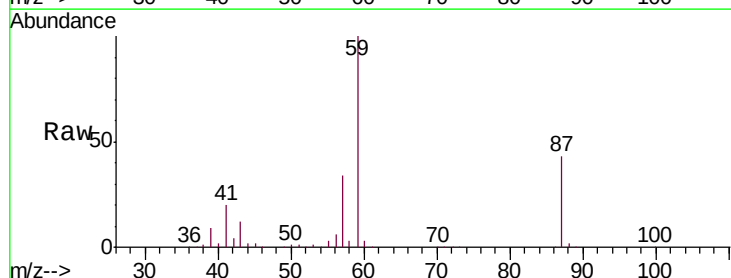
Acq: 22 Jul 2019 21:26

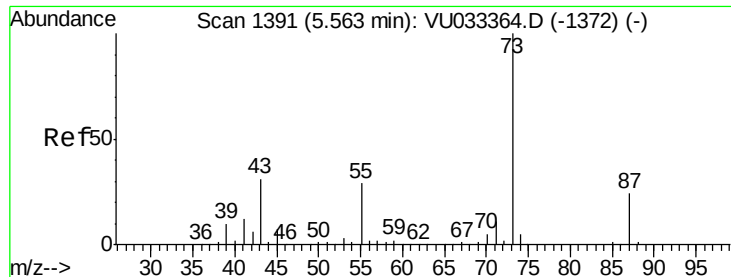
Tgt Ion: 59 Resp: 371123

Ion Ratio Lower Upper

59 100

87 42.5 33.8 50.6

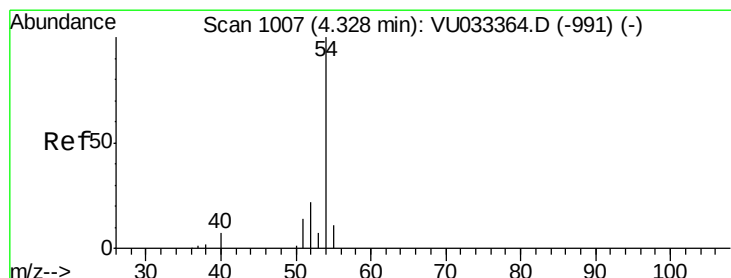
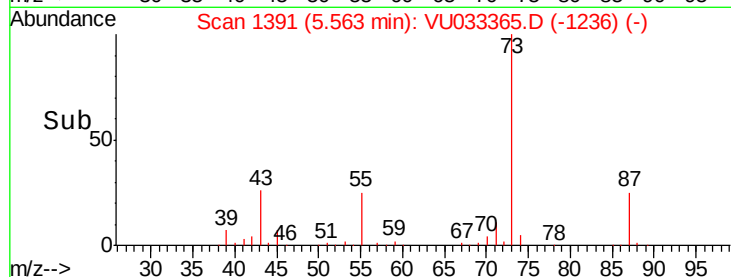
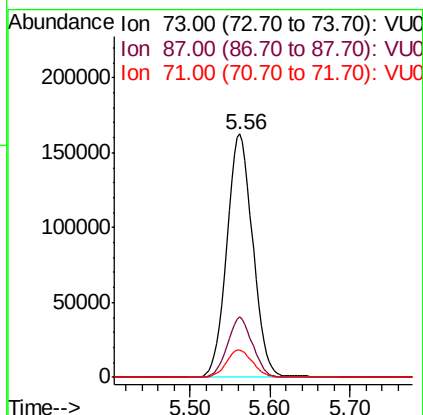
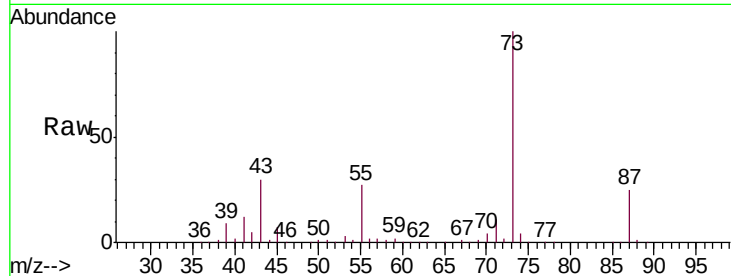




#33
Tert-Amyl methyl ether
Concen: 16.775 ug/l
RT: 5.56 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VU033365.D
Acq: 22 Jul 2019 21:26

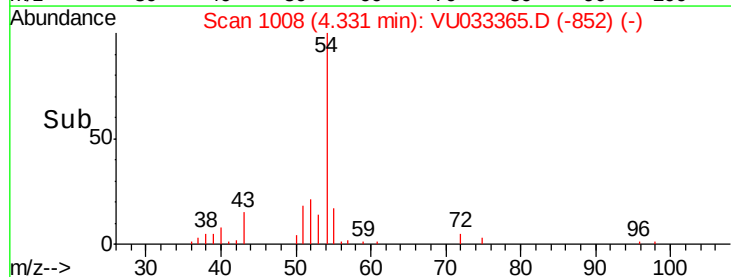
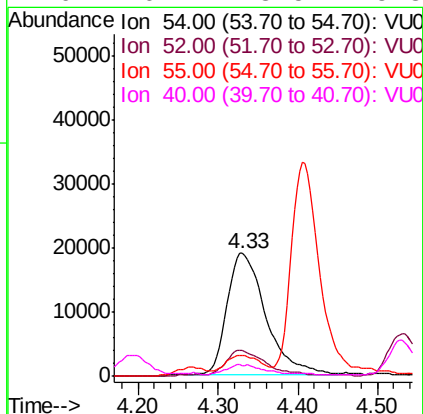
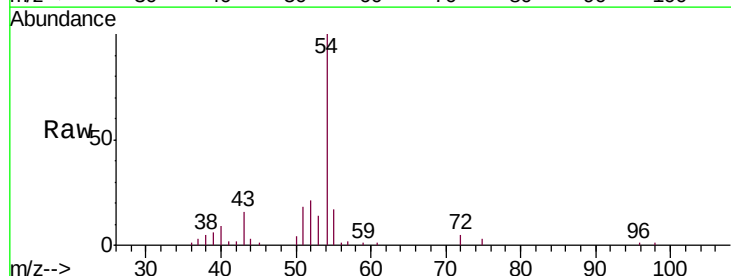
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

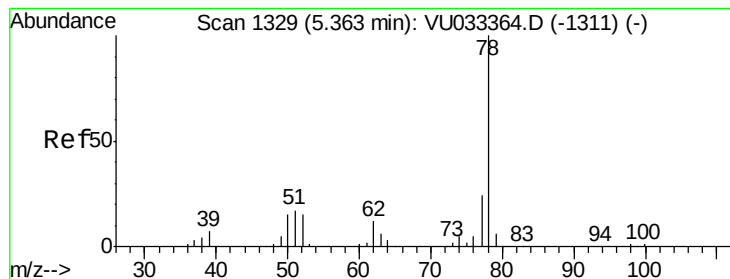
Tgt Ion: 73 Resp: 357465
Ion Ratio Lower Upper
73 100
87 23.8 18.9 28.3
71 11.5 9.3 13.9



#34
Propionitrile
Concen: 69.476 ug/l
RT: 4.33 min Scan# 1008
Delta R.T. 0.00 min
Lab File: VU033365.D
Acq: 22 Jul 2019 21:26

Tgt Ion: 54 Resp: 62758
Ion Ratio Lower Upper
54 100
52 20.3 17.1 25.7
55 15.2 11.6 17.4
40 6.7 3.5 5.3#





#35

Benzene

Concen: 14.267 ug/l

RT: 5.36 min Scan# 1329

Delta R.T. -0.00 min

Lab File: VU033365.D

Acq: 22 Jul 2019 21:26

Instrument :

MSVOA_U

ClientSampleId :

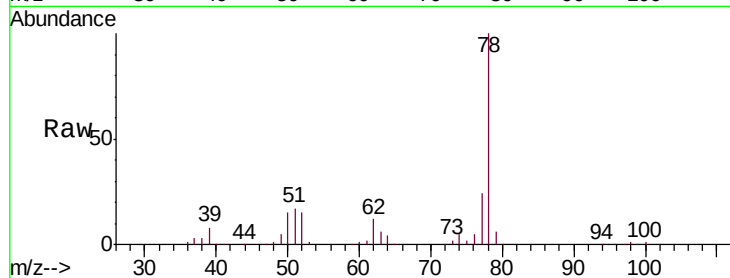
VSTDIC015

Tgt Ion: 78 Resp: 605499

Ion Ratio Lower Upper

78 100

77 23.8 19.4 29.2



Abundance Ion 78.10 (77.80 to 78.80): VU033364.D (-1311) (-)

Ion 77.00 (76.70 to 77.70): VU033365.D (-1174) (-)

5.36

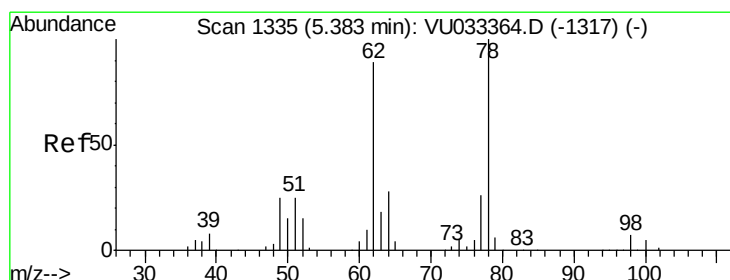
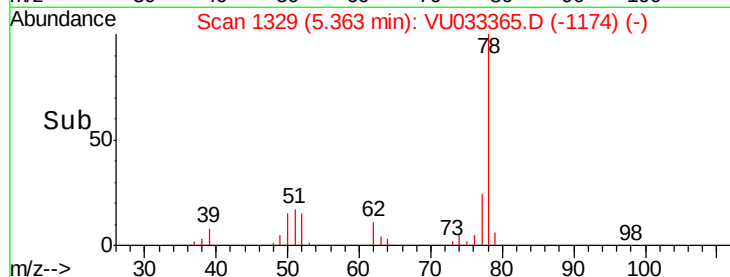
300000

200000

100000

0

Time--> 5.25 5.30 5.35 5.40 5.45



#36

1,2-Dichloroethane

Concen: 13.979 ug/l

RT: 5.38 min Scan# 1335

Delta R.T. -0.00 min

Lab File: VU033365.D

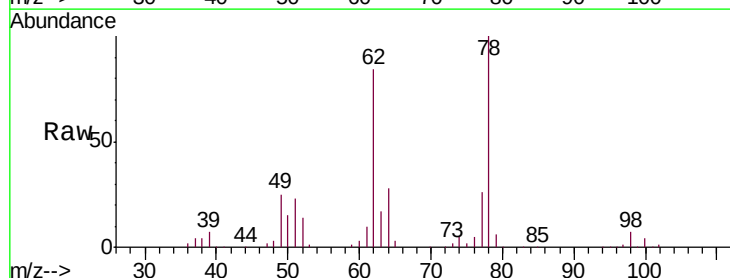
Acq: 22 Jul 2019 21:26

Tgt Ion: 62 Resp: 194700

Ion Ratio Lower Upper

62 100

98 8.6 6.5 9.7



Abundance Ion 62.00 (61.70 to 62.70): VU033364.D (-1317) (-)

Ion 98.00 (97.70 to 98.70): VU033365.D (-1180) (-)

5.38

100000

80000

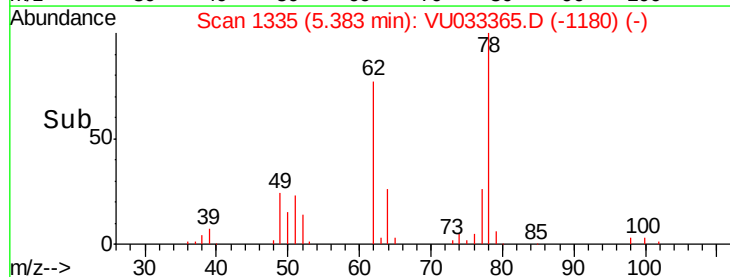
60000

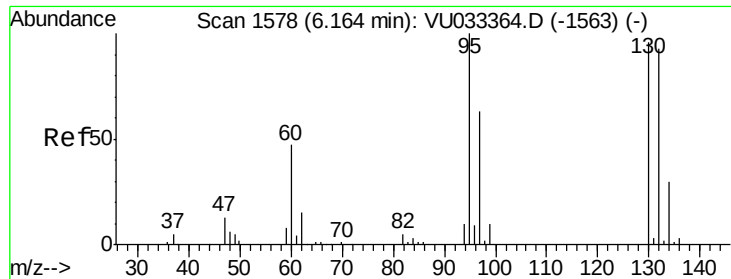
40000

20000

0

Time--> 5.30 5.40 5.50

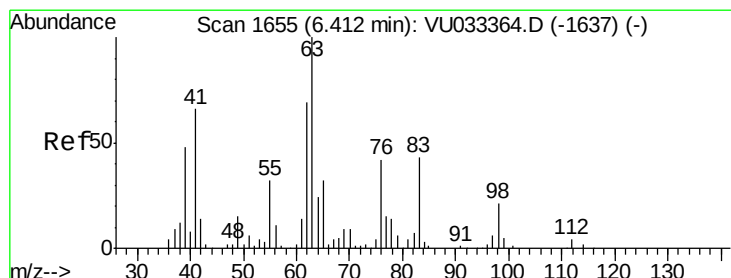
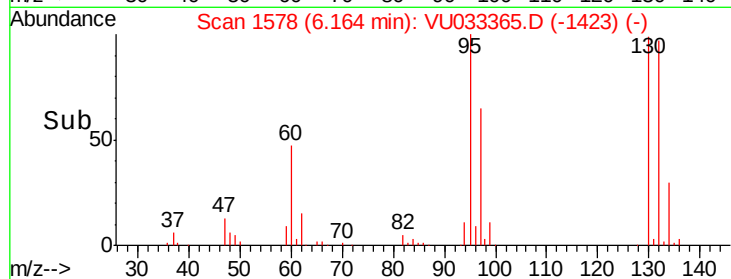
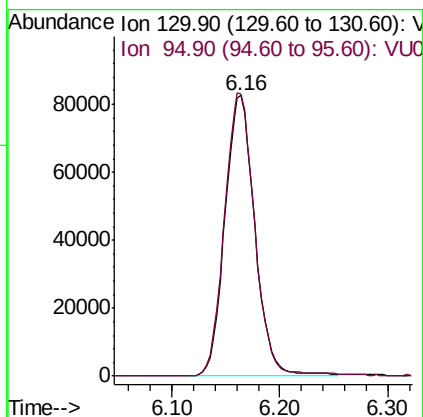
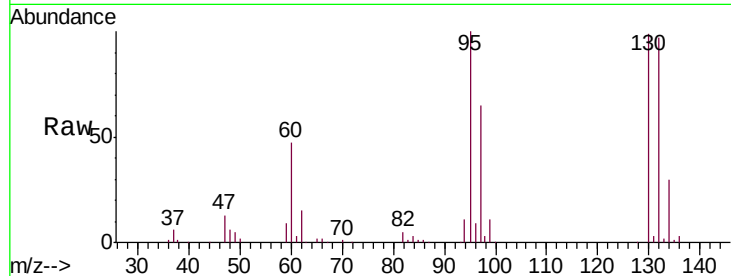




#37
 Trichloroethene
 Concen: 15.173 ug/l
 RT: 6.16 min Scan# 1578
 Delta R.T. -0.00 min
 Lab File: VU033365.D
 Acq: 22 Jul 2019 21:26

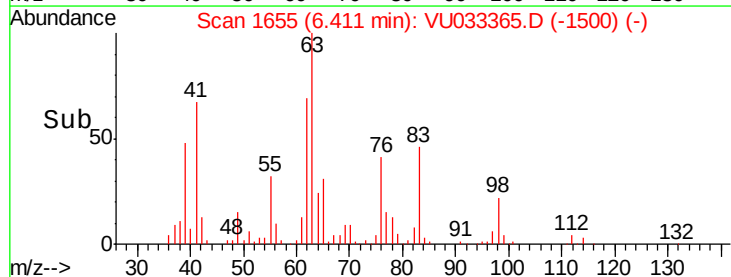
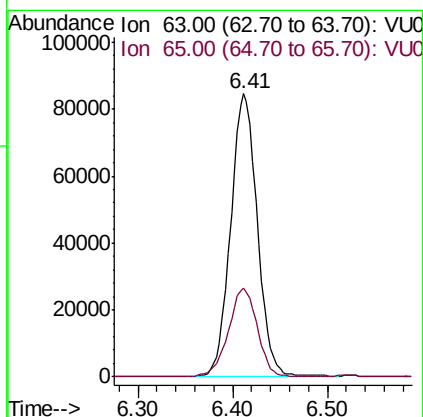
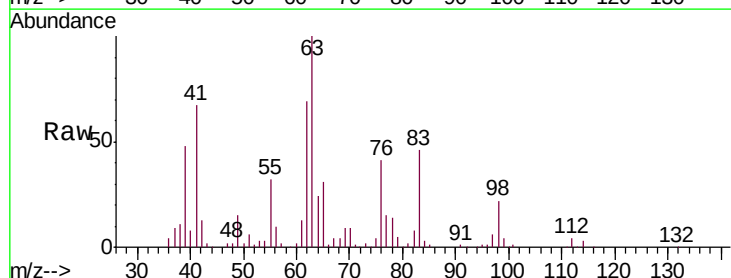
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC015

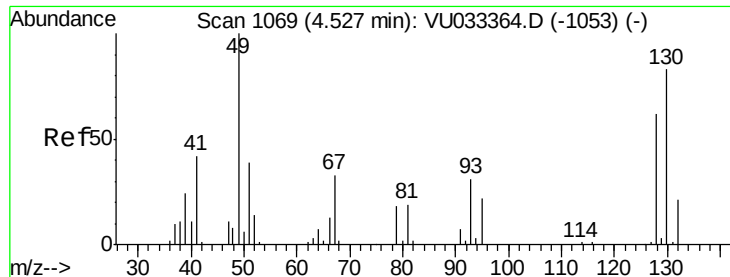
Tgt Ion: 130 Resp: 160029
 Ion Ratio Lower Upper
 130 100
 95 100.9 83.4 125.0



#38
 1,2-Dichloropropane
 Concen: 13.864 ug/l
 RT: 6.41 min Scan# 1655
 Delta R.T. -0.00 min
 Lab File: VU033365.D
 Acq: 22 Jul 2019 21:26

Tgt Ion: 63 Resp: 165813
 Ion Ratio Lower Upper
 63 100
 65 31.2 25.7 38.5

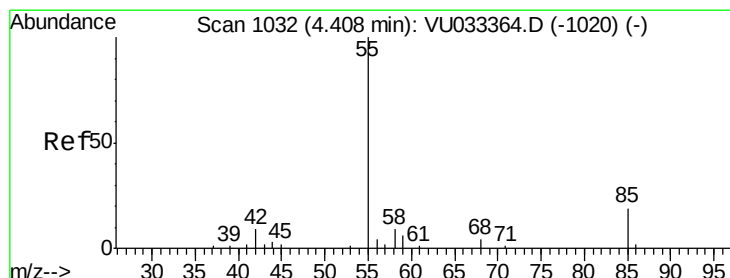
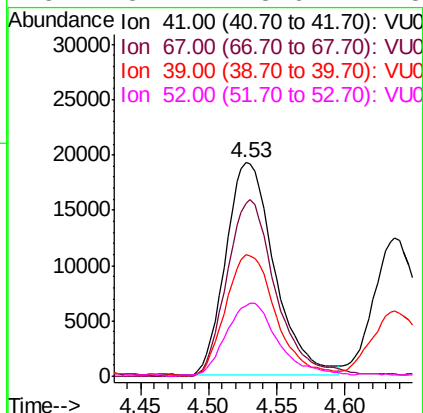
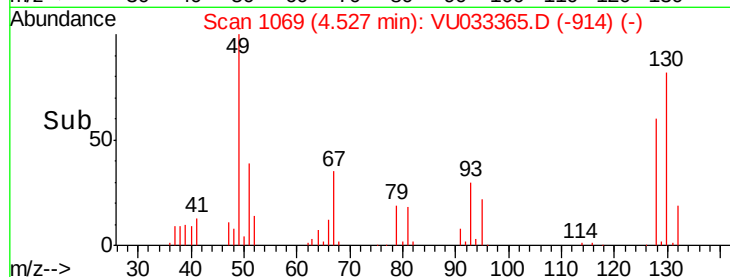
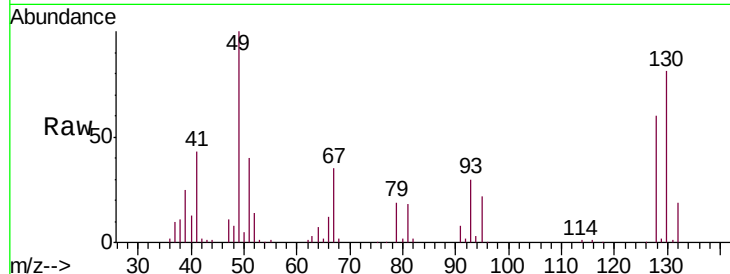




#39
Methacrylonitrile
Concen: 12.857 ug/l
RT: 4.53 min Scan# 1069
Delta R.T. -0.00 min
Lab File: VU033365.D
Acq: 22 Jul 2019 21:26

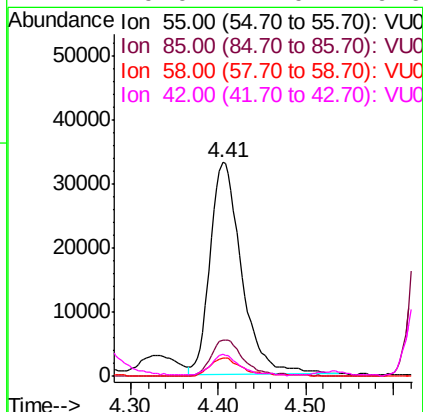
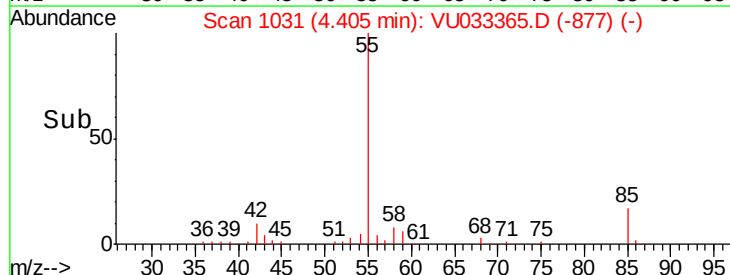
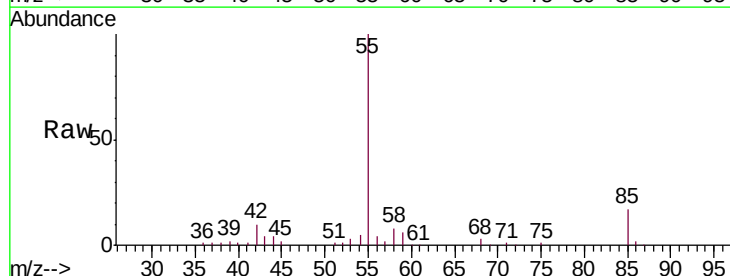
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

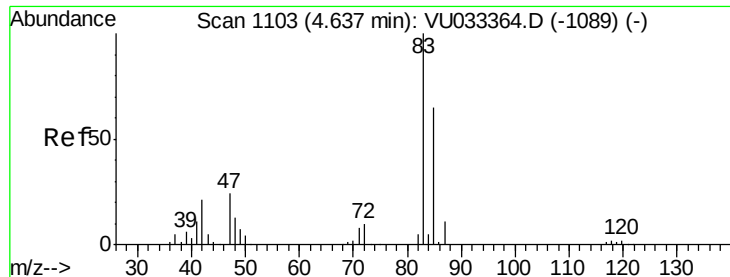
Tgt Ion:	41	Resp:	47524
Ion	Ratio	Lower	Upper
41	100		
67	84.3	64.4	96.6
39	59.2	46.8	70.2
52	37.2	28.6	42.8



#40
Methyl acrylate
Concen: 17.020 ug/l
RT: 4.41 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VU033365.D
Acq: 22 Jul 2019 21:26

Tgt Ion:	55	Resp:	83467
Ion	Ratio	Lower	Upper
55	100		
85	17.0	14.8	22.2
58	8.7	7.1	10.7
42	9.0	7.0	10.6





#41

Tetrahydrofuran

Concen: 24.848 ug/l

RT: 4.64 min Scan# 1103

Delta R.T. -0.00 min

Lab File: VU033365.D

Acq: 22 Jul 2019 21:26

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC015

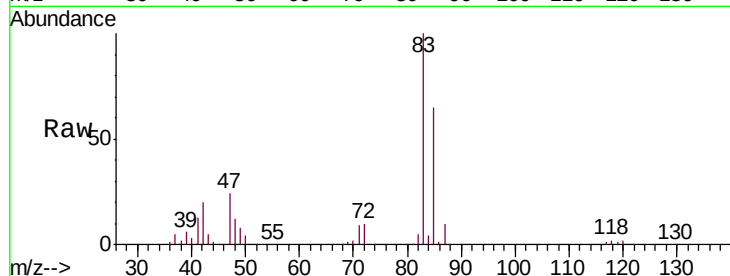
Tgt Ion: 42 Resp: 50718

Ion Ratio Lower Upper

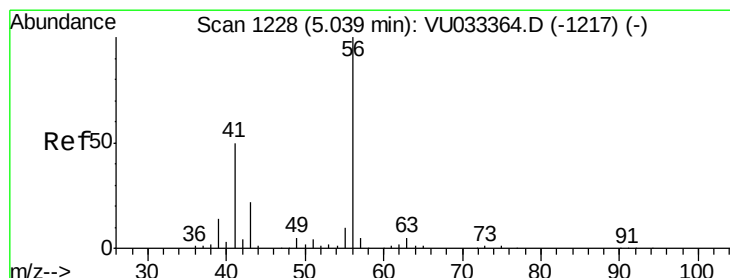
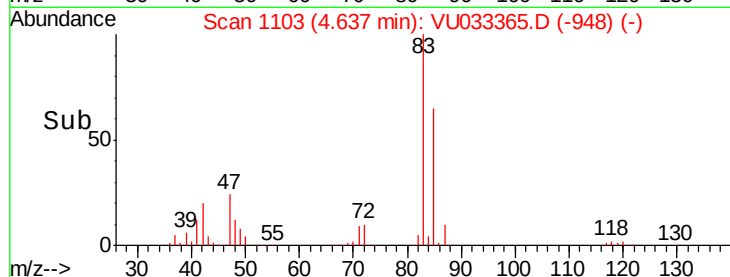
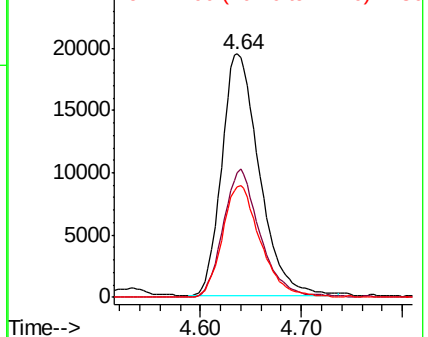
42 100

72 51.2 38.7 58.1

71 46.4 34.6 52.0



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



#42

1-Chlorobutane

Concen: 13.844 ug/l

RT: 5.04 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VU033365.D

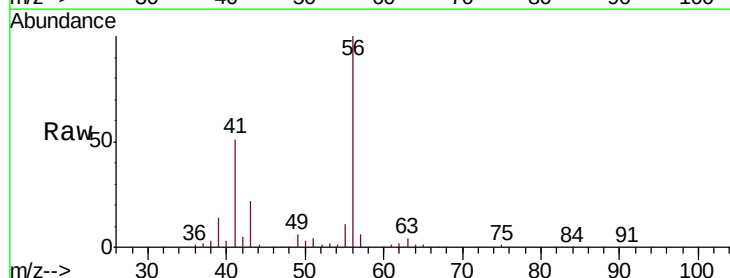
Acq: 22 Jul 2019 21:26

Tgt Ion: 56 Resp: 287486

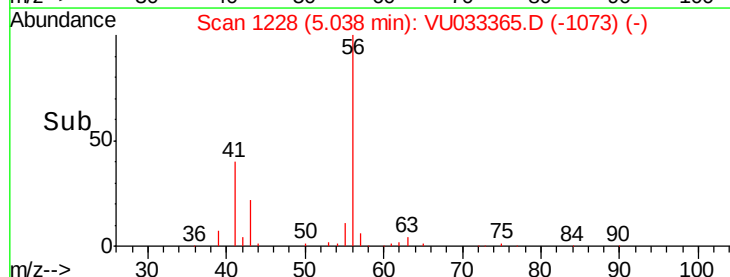
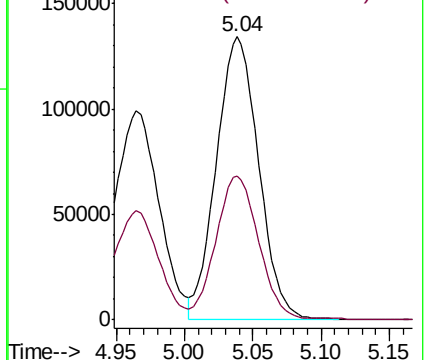
Ion Ratio Lower Upper

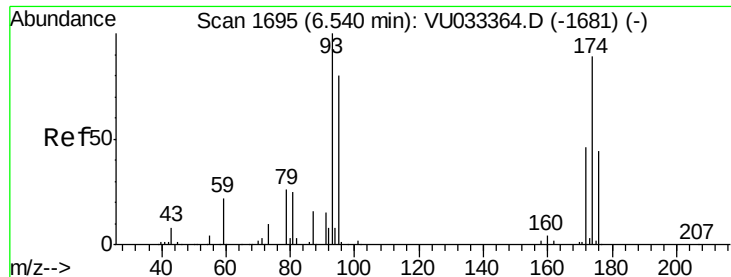
56 100

41 50.8 25.7 77.1



Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 41.00 (40.70 to 41.70): VU0





#43

Dibromomethane

Concen: 14.875 ug/l

RT: 6.54 min Scan# 1695

Delta R.T. -0.00 min

Lab File: VU033365.D

Acq: 22 Jul 2019 21:26

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC015

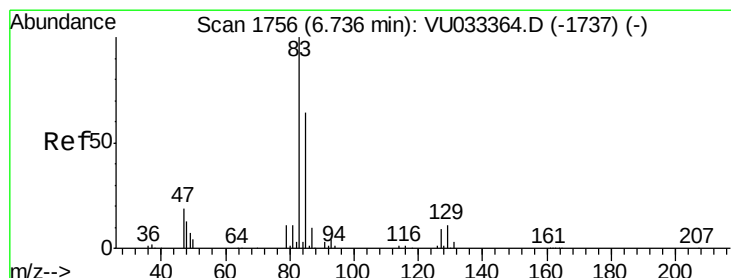
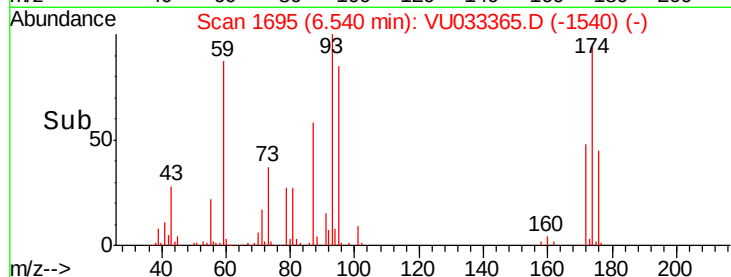
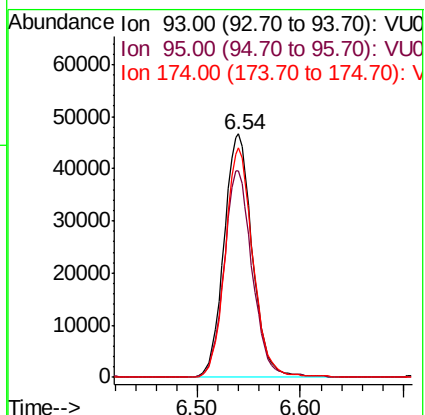
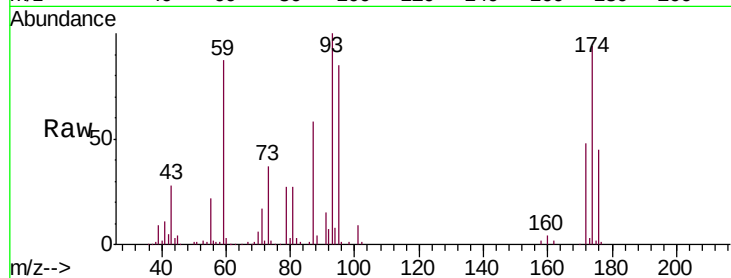
Tgt Ion: 93 Resp: 89401

Ion Ratio Lower Upper

93 100

95 84.4 65.3 97.9

174 91.6 70.7 106.1



#44

Bromodichloromethane

Concen: 14.386 ug/l

RT: 6.74 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VU033365.D

Acq: 22 Jul 2019 21:26

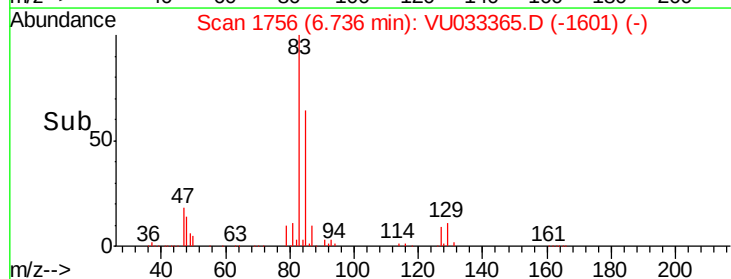
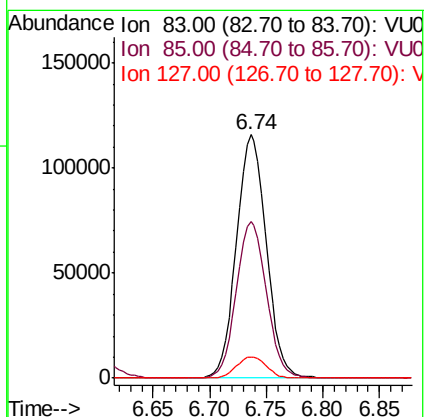
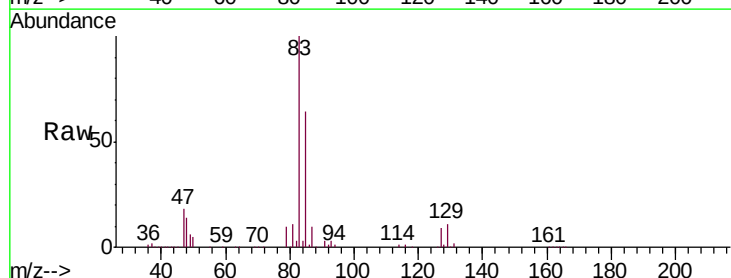
Tgt Ion: 83 Resp: 213008

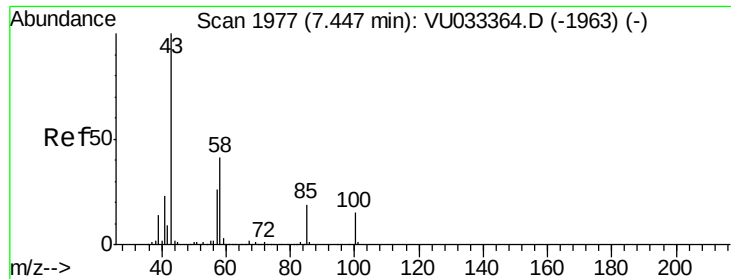
Ion Ratio Lower Upper

83 100

85 64.4 51.1 76.7

127 8.7 7.2 10.8

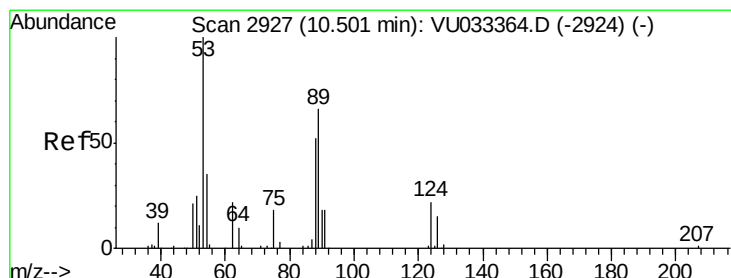
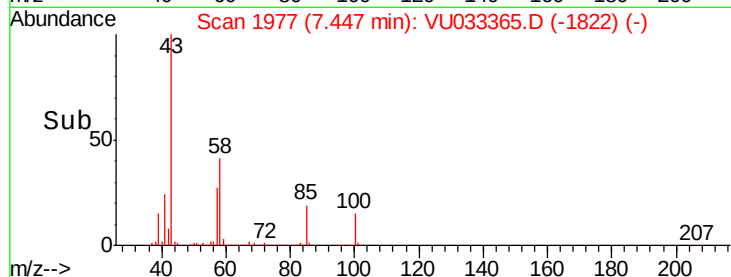
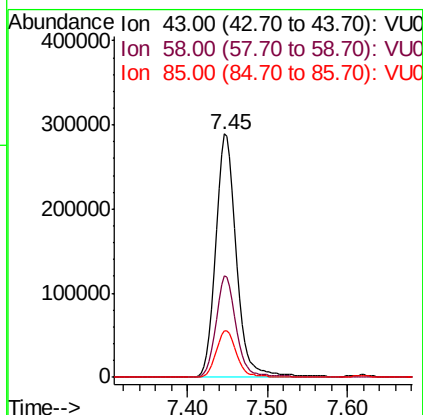
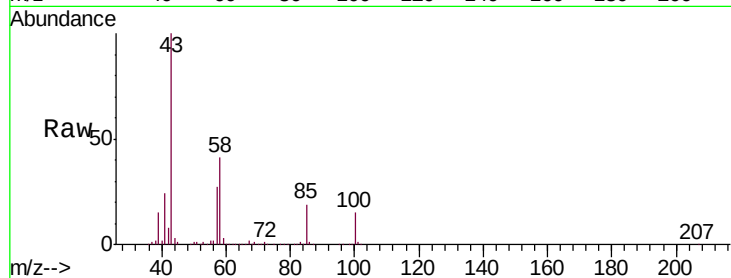




#45
 4-Methyl-2-Pentanone
 Concen: 74.988 ug/l
 RT: 7.45 min Scan# 1977
 Delta R.T. -0.00 min
 Lab File: VU033365.D
 Acq: 22 Jul 2019 21:26

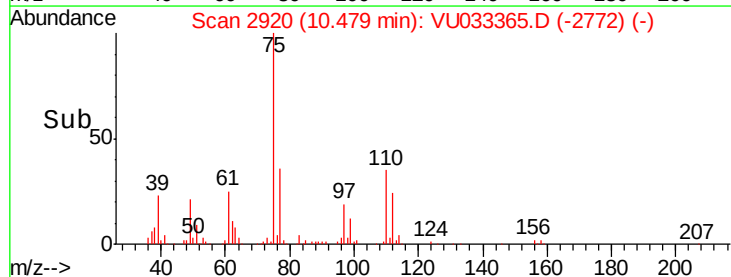
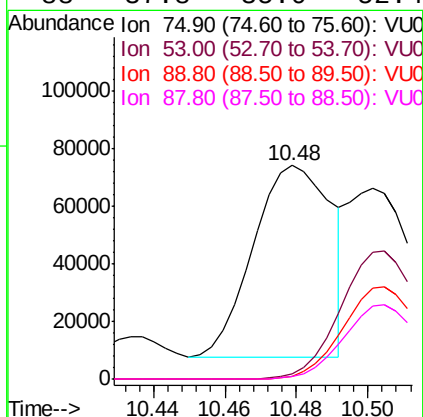
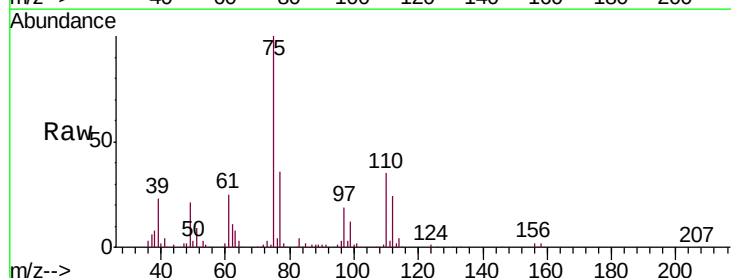
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC015

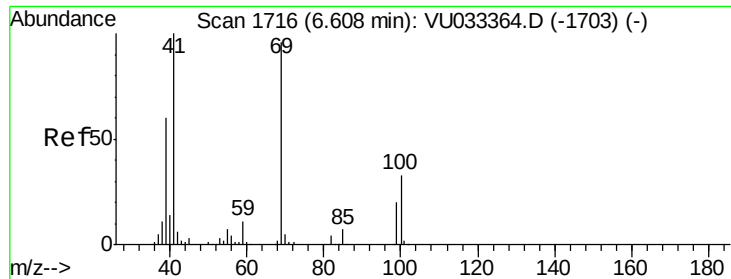
Tgt Ion	Ratio	Lower	Upper
43	100		
58	40.8	20.3	60.8
85	19.2	15.0	22.6



#46
 t-1,4-Dichloro-2-butene
 Concen: 44.583 ug/l
 RT: 10.48 min Scan# 2920
 Delta R.T. -0.02 min
 Lab File: VU033365.D
 Acq: 22 Jul 2019 21:26

Tgt Ion	Ratio	Lower	Upper
75	100		
53	68.3	62.9	94.3
89	48.4	43.0	64.4
88	37.8	35.0	52.4





#47

Methyl methacrylate

Concen: 34.956 ug/l

RT: 6.61 min Scan# 1716

Delta R.T. -0.00 min

Lab File: VU033365.D

Acq: 22 Jul 2019 21:26

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC015

Tgt Ion: 69 Resp: 160563

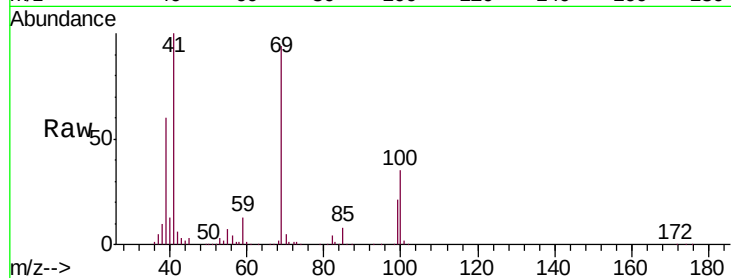
Ion Ratio Lower Upper

69 100

41 105.9 0.0 208.2

39 63.1 50.6 75.8

100 35.8 27.2 40.8

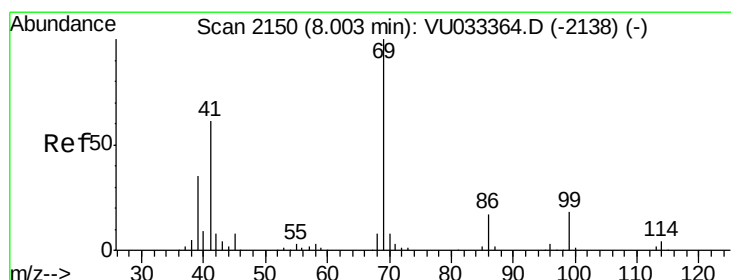
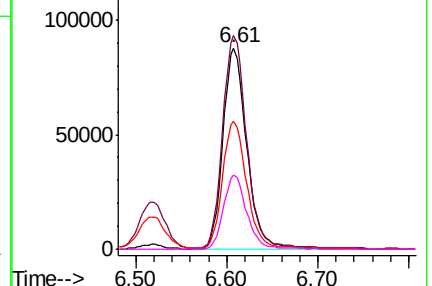
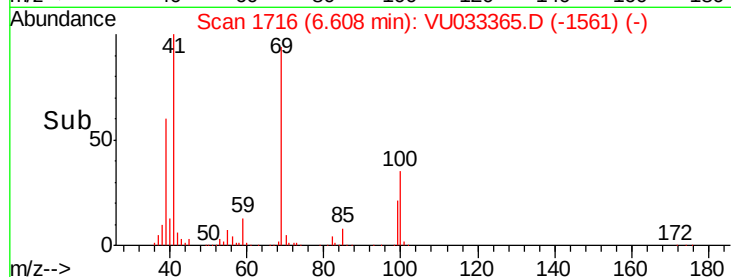


Abundance Ion 69.00 (68.70 to 69.70): VU033364.D (-1703) (-)

Ion 41.00 (40.70 to 41.70): VU033364.D (-1703) (-)

Ion 39.00 (38.70 to 39.70): VU033364.D (-1703) (-)

Ion 100.00 (99.70 to 100.70): VU033364.D (-1703) (-)



#48

Ethyl methacrylate

Concen: 18.752 ug/l

RT: 8.00 min Scan# 2150

Delta R.T. -0.00 min

Lab File: VU033365.D

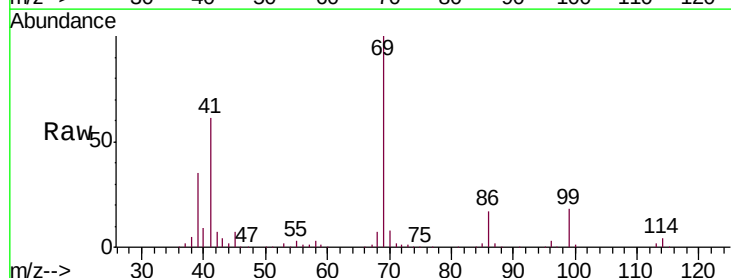
Acq: 22 Jul 2019 21:26

Tgt Ion: 69 Resp: 149939

Ion Ratio Lower Upper

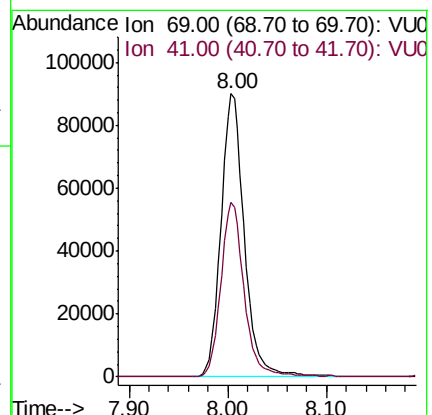
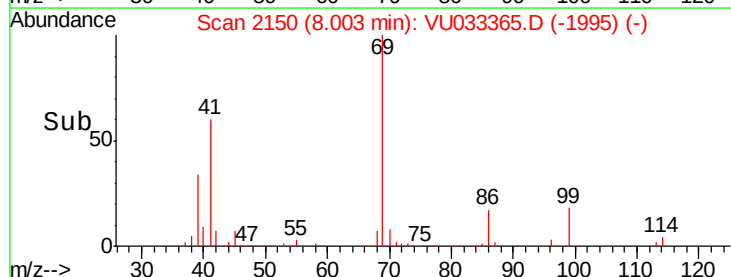
69 100

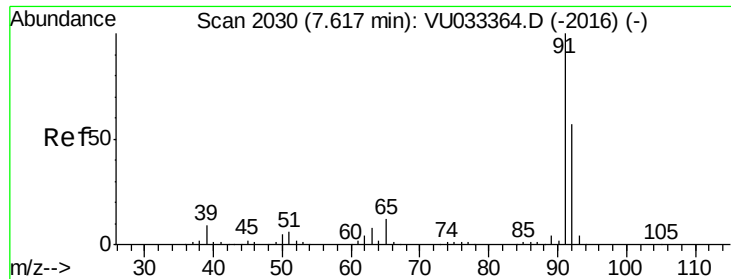
41 61.5 30.9 92.7



Abundance Ion 69.00 (68.70 to 69.70): VU033364.D (-2138) (-)

Ion 41.00 (40.70 to 41.70): VU033364.D (-2138) (-)





#49

Toluene

Concen: 17.129 ug/l

RT: 7.62 min Scan# 2030

Delta R.T. -0.00 min

Lab File: VU033365.D

Acq: 22 Jul 2019 21:26

Instrument :

MSVOA_U

ClientSampleId :

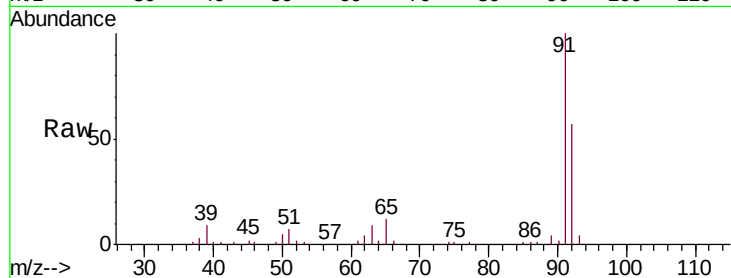
VSTDIC015

Tgt Ion: 92 Resp: 383464

Ion Ratio Lower Upper

92 100

91 176.4 142.1 213.1



Abundance Ion 92.00 (91.70 to 92.70): VU033364.D (-2016) (-)

Ion 91.00 (90.70 to 91.70): VU033364.D (-2016) (-)

400000

300000

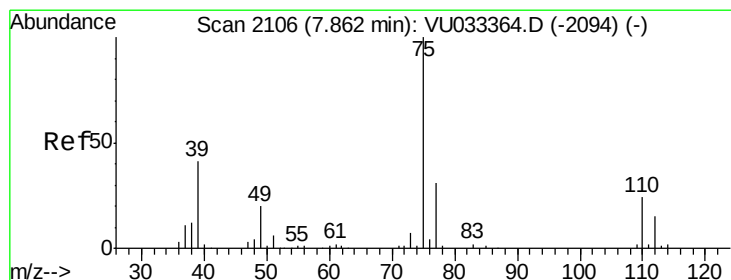
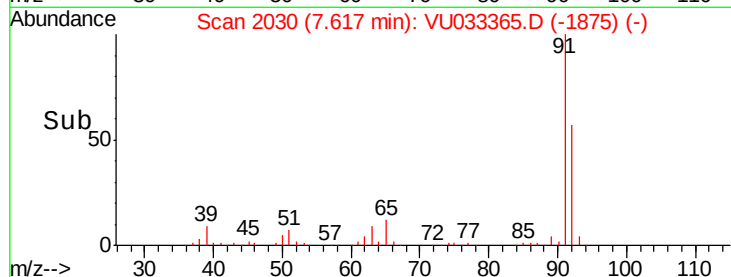
200000

100000

0

7.50 7.60 7.70 7.80

Time-->



#50

t-1,3-Dichloropropene

Concen: 17.178 ug/l

RT: 7.86 min Scan# 2106

Delta R.T. -0.00 min

Lab File: VU033365.D

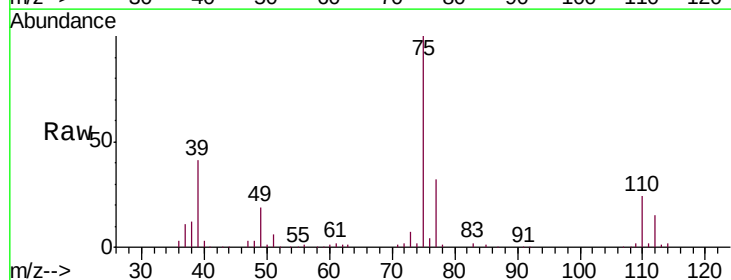
Acq: 22 Jul 2019 21:26

Tgt Ion: 75 Resp: 201512

Ion Ratio Lower Upper

75 100

77 32.1 25.2 37.8



Abundance Ion 75.00 (74.70 to 75.70): VU033364.D (-2094) (-)

Ion 77.00 (76.70 to 77.70): VU033364.D (-2094) (-)

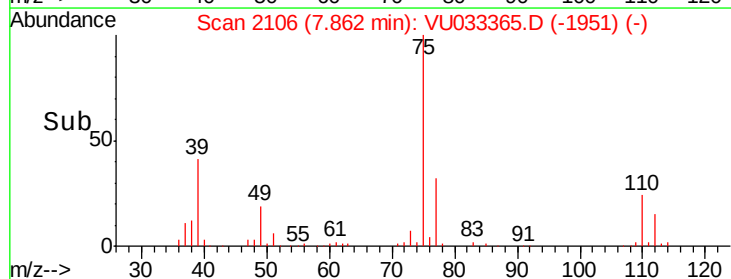
100000

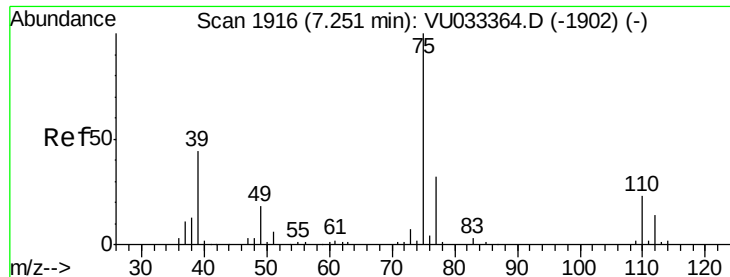
50000

0

7.80 7.90 8.00

Time-->





#51

cis-1,3-Dichloropropene

Concen: 16.323 ug/l

RT: 7.25 min Scan# 1916

Delta R.T. -0.00 min

Lab File: VU033365.D

Acq: 22 Jul 2019 21:26

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC015

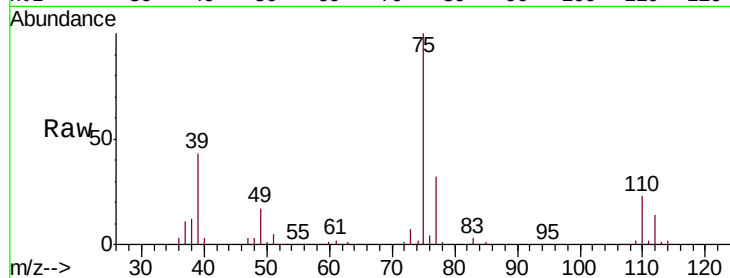
Tgt Ion: 75 Resp: 231316

Ion Ratio Lower Upper

75 100

77 31.7 25.8 38.8

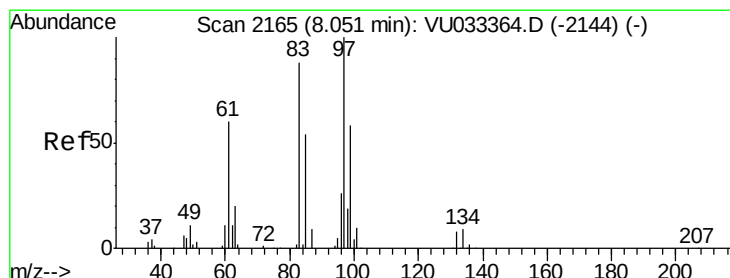
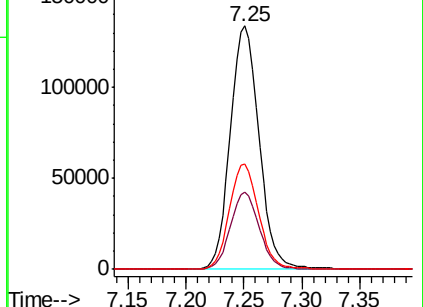
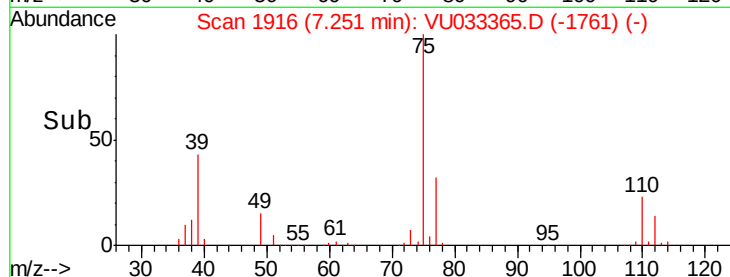
39 43.3 35.2 52.8



Abundance Ion 75.00 (74.70 to 75.70): VU033364.D (-1902) (-)

Ion 77.00 (76.70 to 77.70): VU033364.D (-1902) (-)

Ion 39.00 (38.70 to 39.70): VU033364.D (-1902) (-)



#52

1,1,2-Trichloroethane

Concen: 15.590 ug/l

RT: 8.05 min Scan# 2164

Delta R.T. -0.00 min

Lab File: VU033365.D

Acq: 22 Jul 2019 21:26

Tgt Ion: 97 Resp: 122917

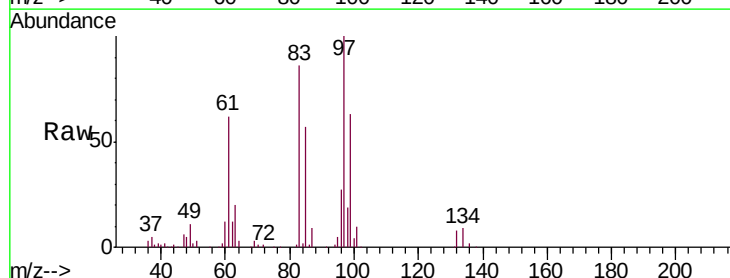
Ion Ratio Lower Upper

97 100

83 86.1 70.2 105.2

85 57.2 43.5 65.3

99 62.8 47.9 71.9

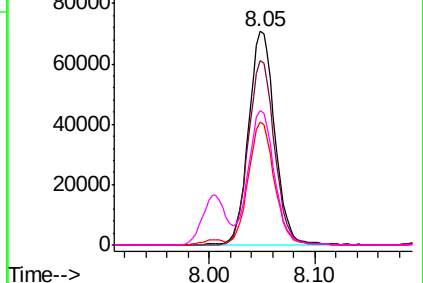
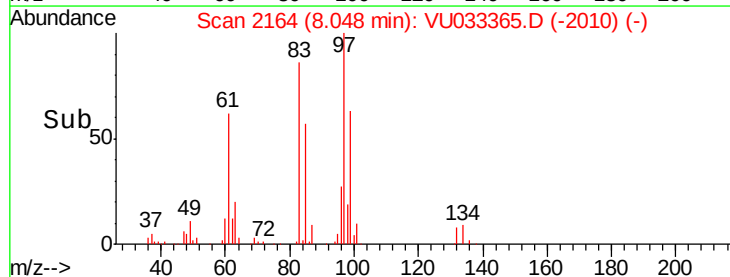


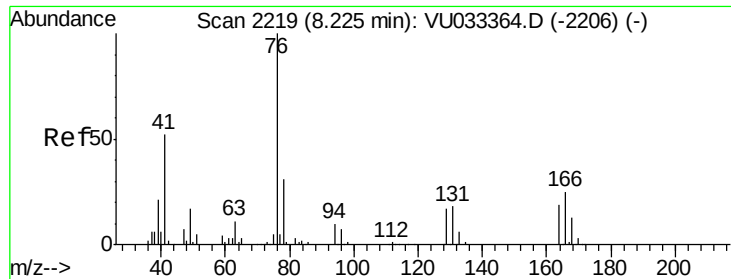
Abundance Ion 97.00 (96.70 to 97.70): VU033364.D (-2144) (-)

Ion 82.95 (82.65 to 83.65): VU033364.D (-2144) (-)

Ion 84.95 (84.65 to 85.65): VU033364.D (-2144) (-)

Ion 98.95 (98.65 to 99.65): VU033364.D (-2144) (-)

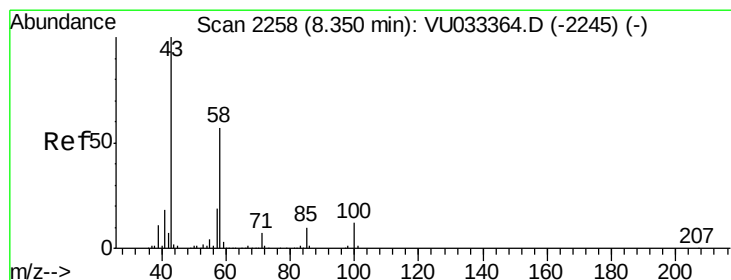
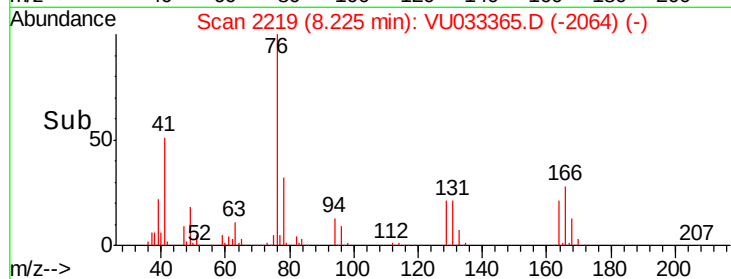
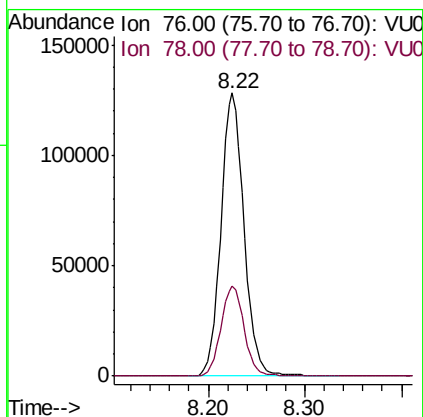
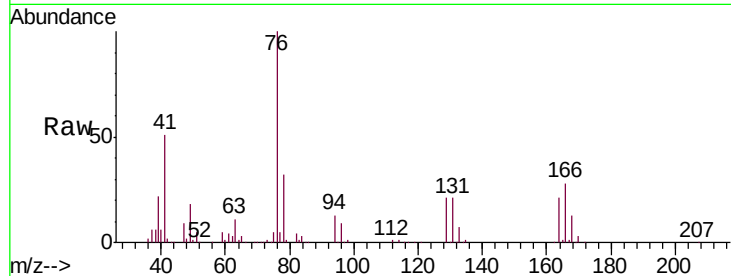




#53
 1,3-Dichloropropane
 Concen: 15.503 ug/l
 RT: 8.22 min Scan# 2219
 Delta R.T. -0.00 min
 Lab File: VU033365.D
 Acq: 22 Jul 2019 21:26

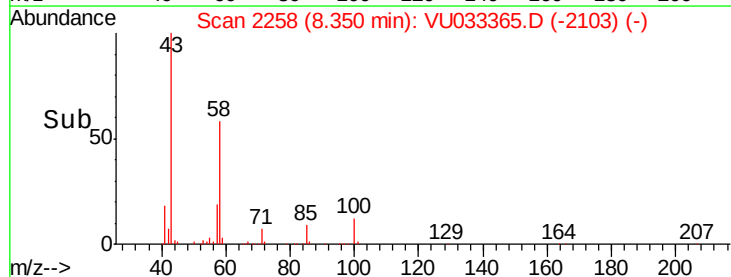
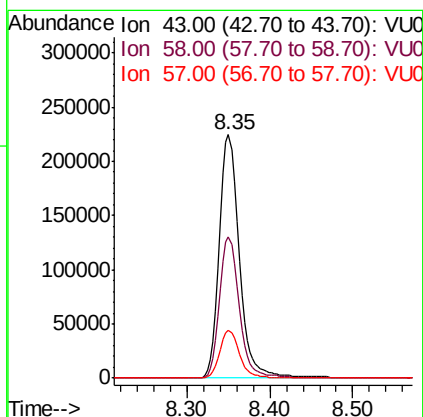
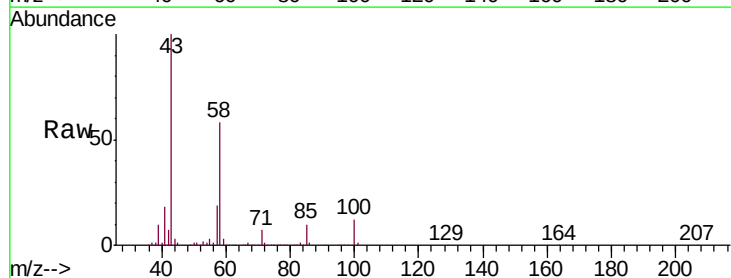
Instrument :
 MSVOA_U
 ClientSampled :
 VSTDIC015

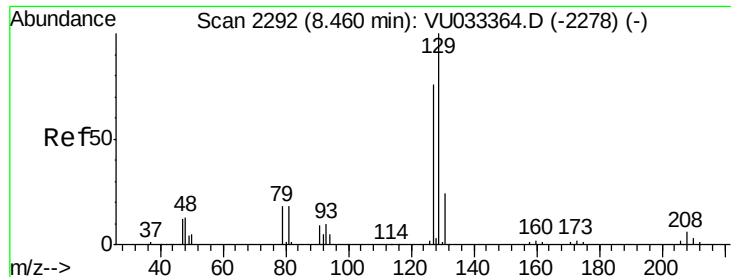
Tgt Ion: 76 Resp: 211725
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.7 38.5



#54
 2-Hexanone
 Concen: 79.402 ug/l
 RT: 8.35 min Scan# 2258
 Delta R.T. -0.00 min
 Lab File: VU033365.D
 Acq: 22 Jul 2019 21:26

Tgt Ion: 43 Resp: 375826
 Ion Ratio Lower Upper
 43 100
 58 57.0 36.0 76.0
 57 19.3 0.0 39.4





#55

Dibromochloromethane

Concen: 16.573 ug/l

RT: 8.46 min Scan# 2292

Delta R.T. -0.00 min

Lab File: VU033365.D

Acq: 22 Jul 2019 21:26

Instrument :

MSVOA_U

ClientSampleId :

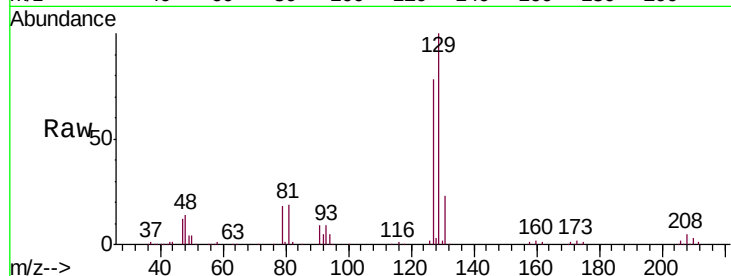
VSTDIC015

Tgt Ion:129 Resp: 147832

Ion Ratio Lower Upper

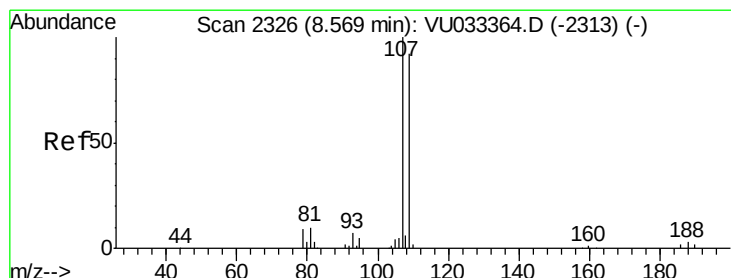
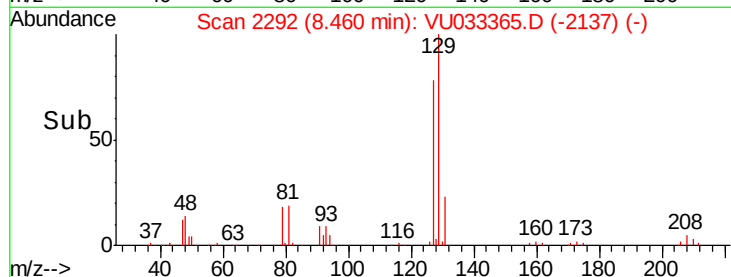
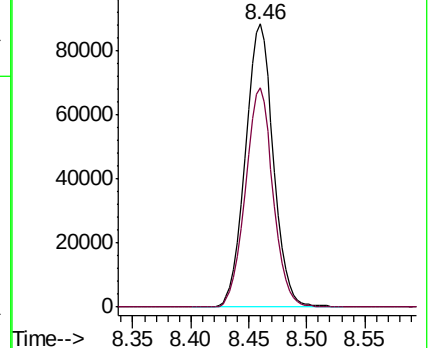
129 100

127 76.3 60.9 91.3



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#56

1,2-Dibromoethane

Concen: 16.329 ug/l

RT: 8.57 min Scan# 2326

Delta R.T. -0.00 min

Lab File: VU033365.D

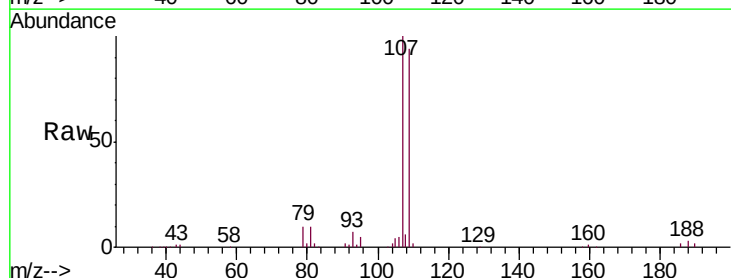
Acq: 22 Jul 2019 21:26

Tgt Ion:107 Resp: 115460

Ion Ratio Lower Upper

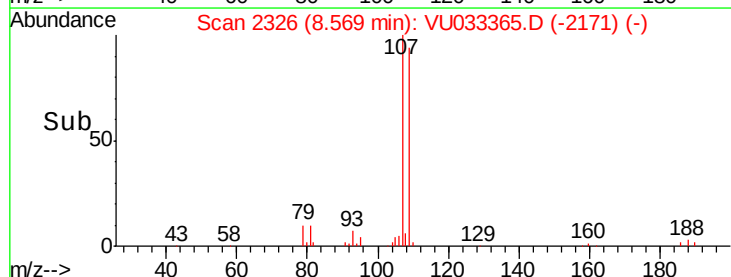
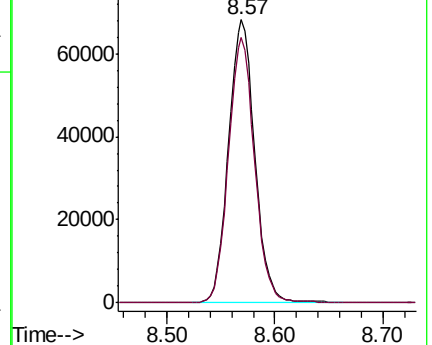
107 100

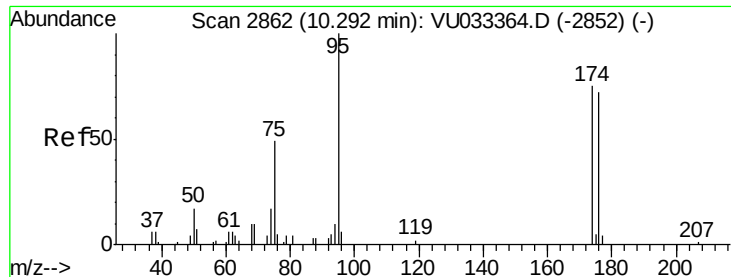
109 93.3 0.0 184.8



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

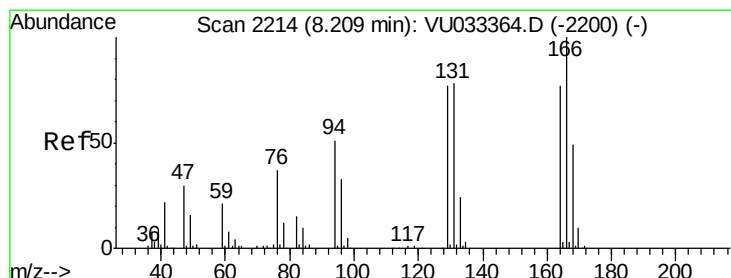
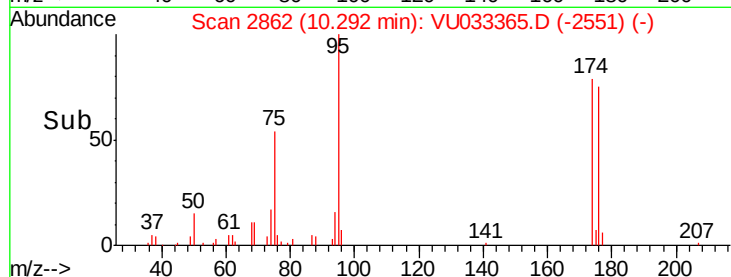
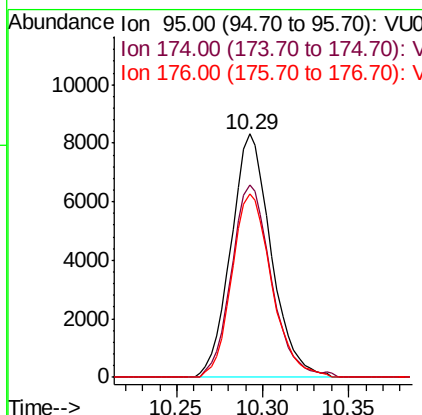
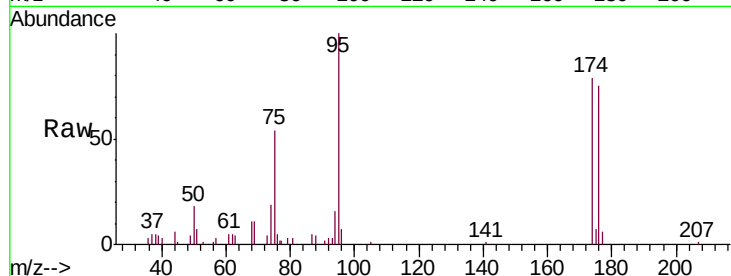




#57
4-Bromofluorobenzene
Concen: 1.133 ug/l
RT: 10.29 min Scan# 2862
Delta R.T. -0.00 min
Lab File: VU033365.D
Acq: 22 Jul 2019 21:26

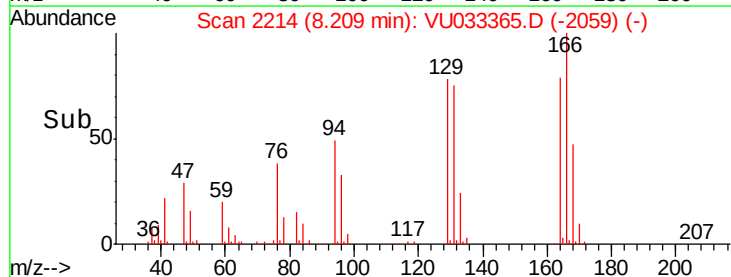
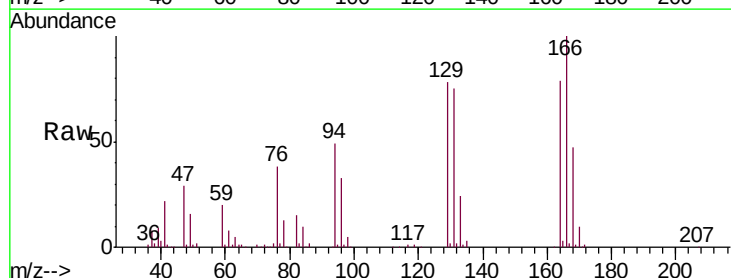
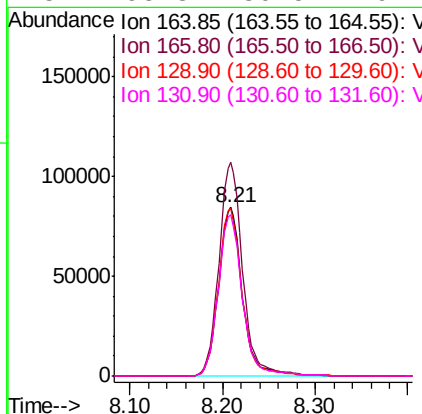
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

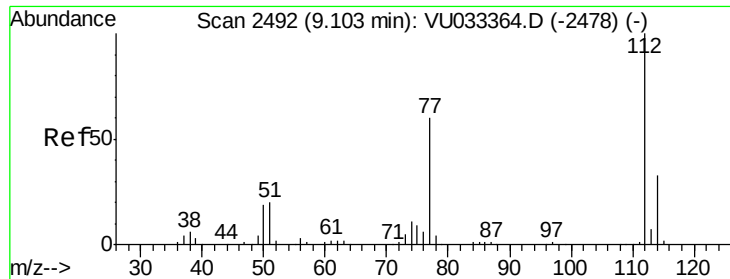
Tgt Ion: 95 Resp: 13497
Ion Ratio Lower Upper
95 100
174 78.5 58.8 88.2
176 74.6 54.4 81.6



#58
Tetrachloroethene
Concen: 14.842 ug/l
RT: 8.21 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VU033365.D
Acq: 22 Jul 2019 21:26

Tgt Ion: 164 Resp: 150086
Ion Ratio Lower Upper
164 100
166 126.6 103.8 155.6
129 99.1 79.7 119.5
131 95.3 80.5 120.7

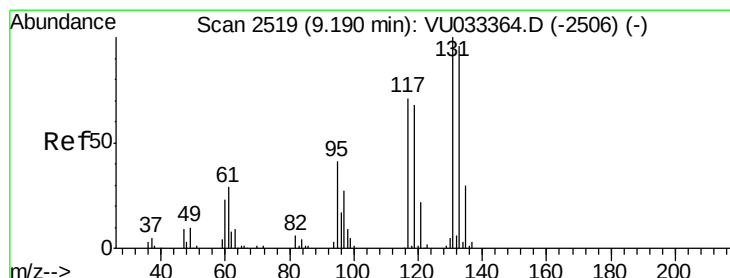
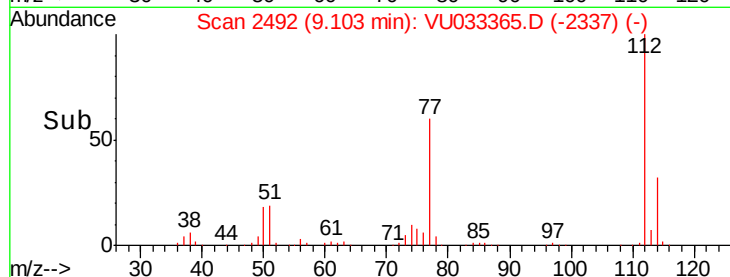
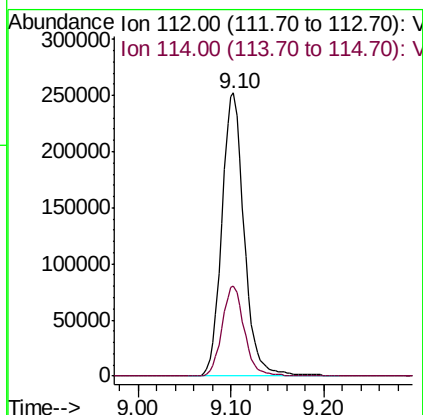
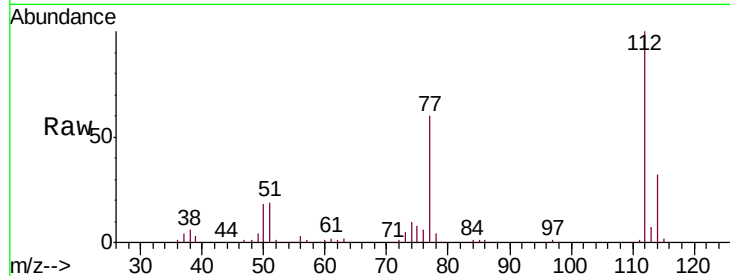




#59
Chlorobenzene
Concen: 17.685 ug/l
RT: 9.10 min Scan# 2492
Delta R.T. -0.00 min
Lab File: VU033365.D
Acq: 22 Jul 2019 21:26

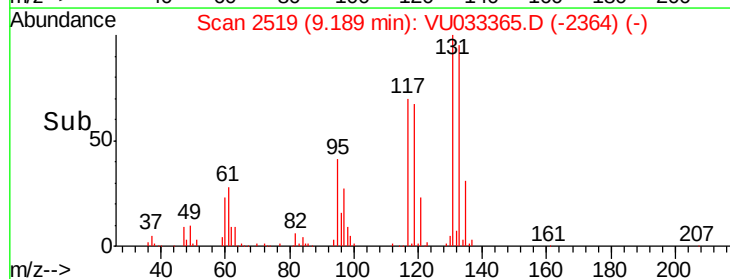
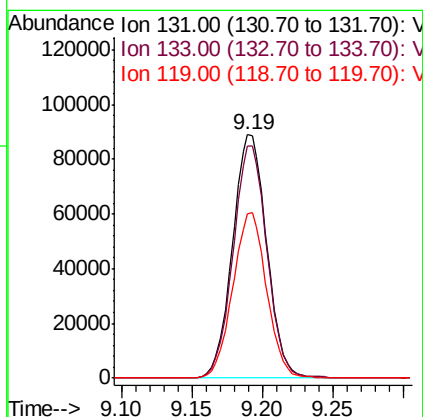
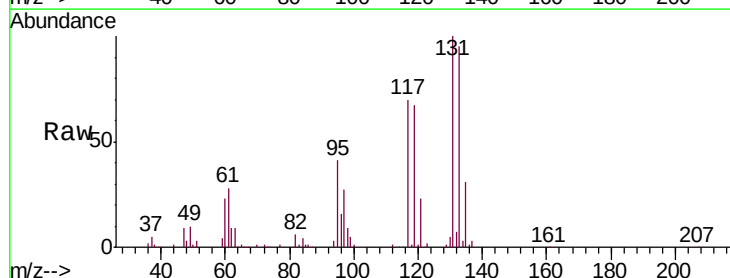
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

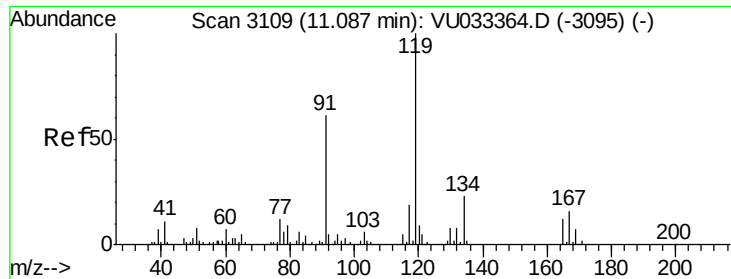
Tgt Ion:112 Resp: 421771
Ion Ratio Lower Upper
112 100
114 31.9 26.4 39.6



#60
1,1,1,2-Tetrachloroethane
Concen: 16.326 ug/l
RT: 9.19 min Scan# 2519
Delta R.T. -0.00 min
Lab File: VU033365.D
Acq: 22 Jul 2019 21:26

Tgt Ion:131 Resp: 150868
Ion Ratio Lower Upper
131 100
133 94.9 76.2 114.4
119 67.2 54.9 82.3

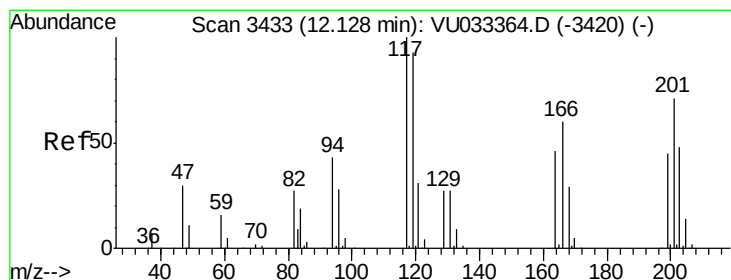
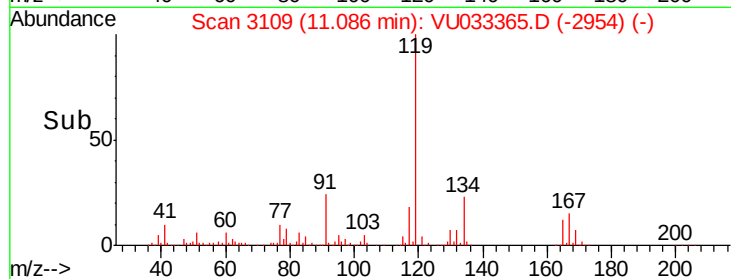
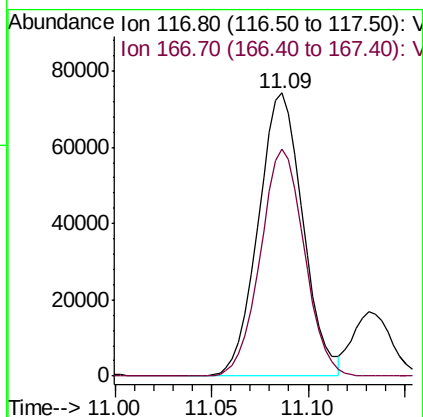
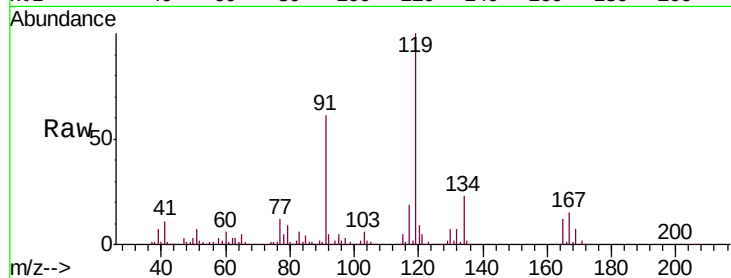




#61
 Pentachloroethane
 Concen: 17.622 ug/l
 RT: 11.09 min Scan# 3109
 Delta R.T. -0.00 min
 Lab File: VU033365.D
 Acq: 22 Jul 2019 21:26

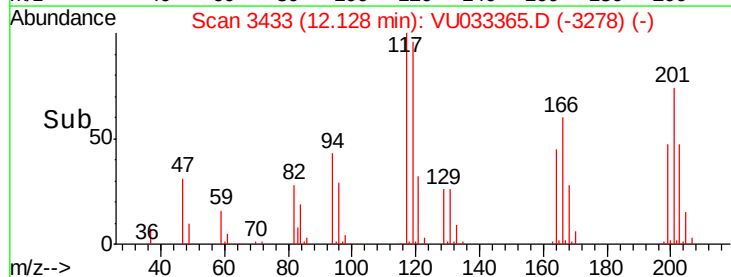
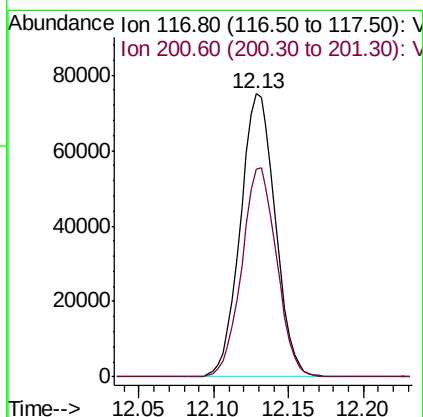
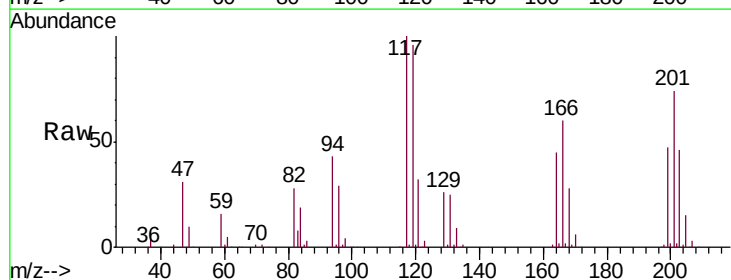
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC015

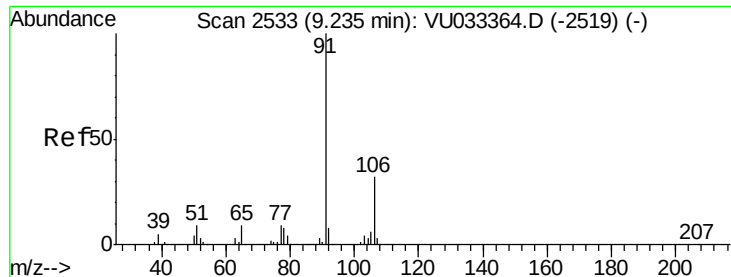
Tgt Ion:117 Resp: 119032
 Ion Ratio Lower Upper
 117 100
 167 79.1 63.4 95.0



#62
 Hexachloroethane
 Concen: 18.500 ug/l
 RT: 12.13 min Scan# 3433
 Delta R.T. -0.00 min
 Lab File: VU033365.D
 Acq: 22 Jul 2019 21:26

Tgt Ion:117 Resp: 122092
 Ion Ratio Lower Upper
 117 100
 201 73.7 57.9 86.9

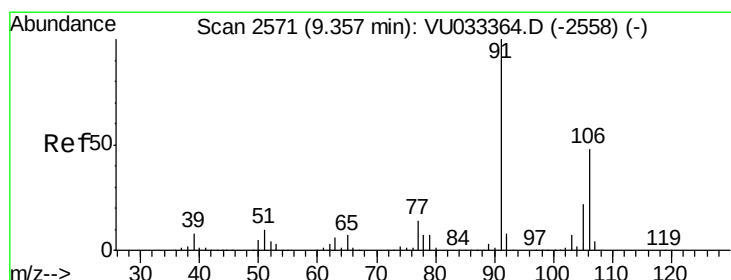
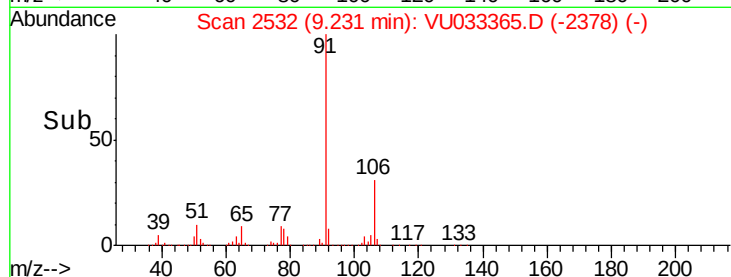
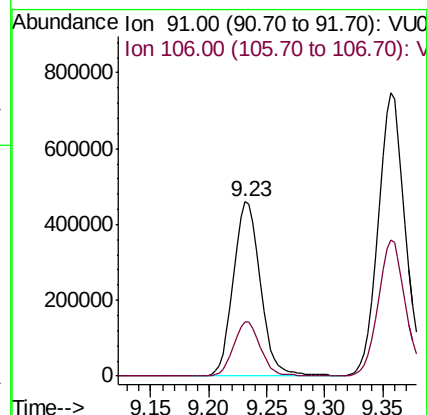
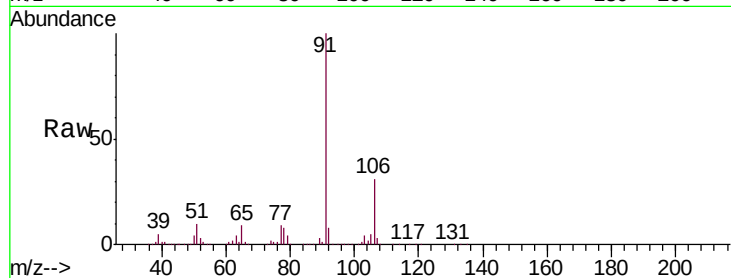




#63
Ethyl Benzene
Concen: 19.161 ug/l
RT: 9.23 min Scan# 2532
Delta R.T. -0.00 min
Lab File: VU033365.D
Acq: 22 Jul 2019 21:26

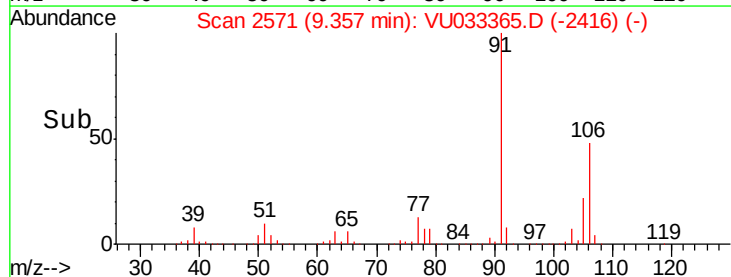
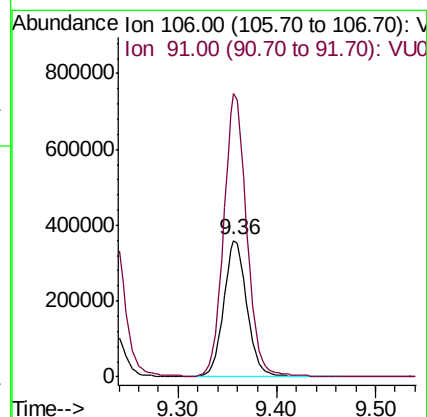
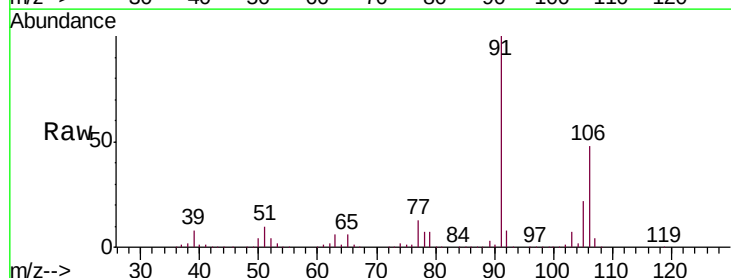
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

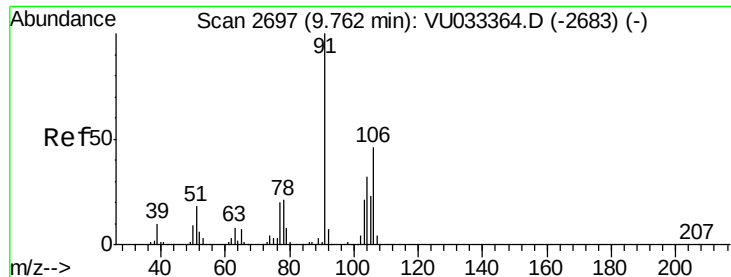
Tgt Ion: 91 Resp: 743786
Ion Ratio Lower Upper
91 100
106 31.3 25.4 38.2



#64
m/p-Xylenes
Concen: 40.376 ug/l
RT: 9.36 min Scan# 2571
Delta R.T. -0.00 min
Lab File: VU033365.D
Acq: 22 Jul 2019 21:26

Tgt Ion: 106 Resp: 591663
Ion Ratio Lower Upper
106 100
91 208.0 167.1 250.7





#65

o-Xylene

Concen: 19.589 ug/l

RT: 9.76 min Scan# 2697

Delta R.T. -0.00 min

Lab File: VU033365.D

Acq: 22 Jul 2019 21:26

Instrument :

MSVOA_U

ClientSampleId :

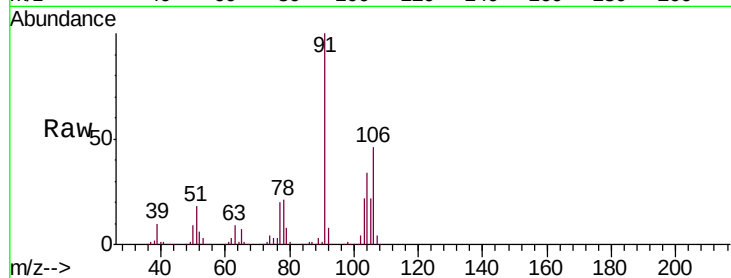
VSTDIC015

Tgt Ion:106 Resp: 279699

Ion Ratio Lower Upper

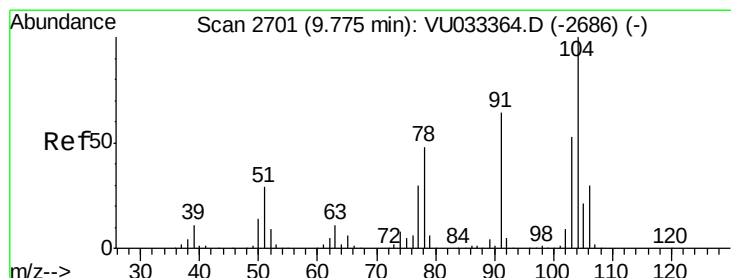
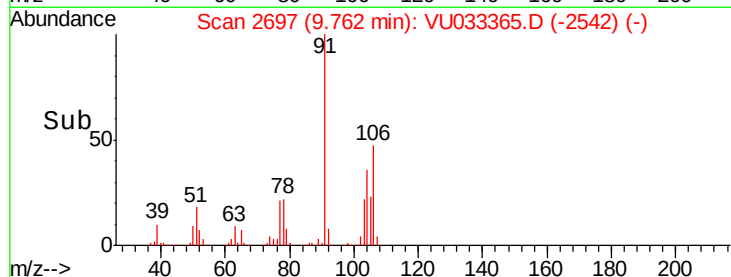
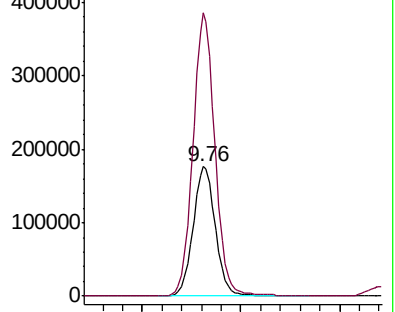
106 100

91 215.9 108.5 325.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



#66

Styrene

Concen: 20.641 ug/l

RT: 9.77 min Scan# 2701

Delta R.T. -0.00 min

Lab File: VU033365.D

Acq: 22 Jul 2019 21:26

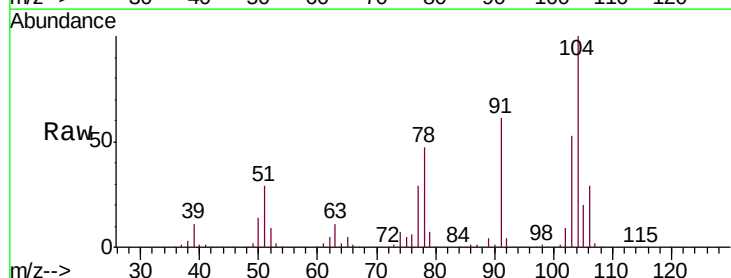
Tgt Ion:104 Resp: 489862

Ion Ratio Lower Upper

104 100

78 51.2 41.2 61.8

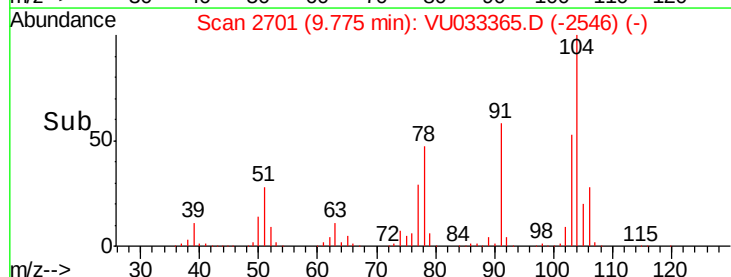
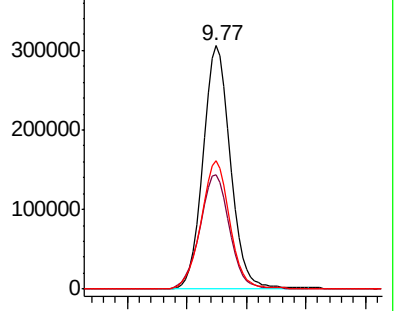
103 55.6 44.7 67.1

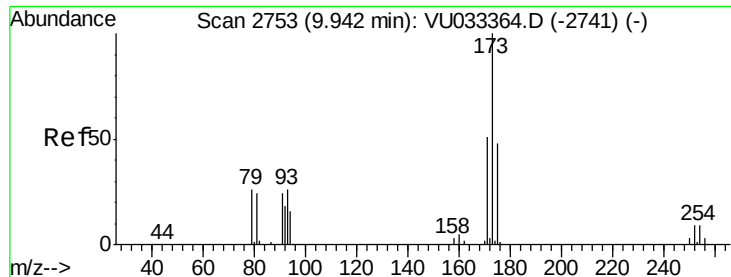


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VU0

Ion 103.00 (102.70 to 103.70): V

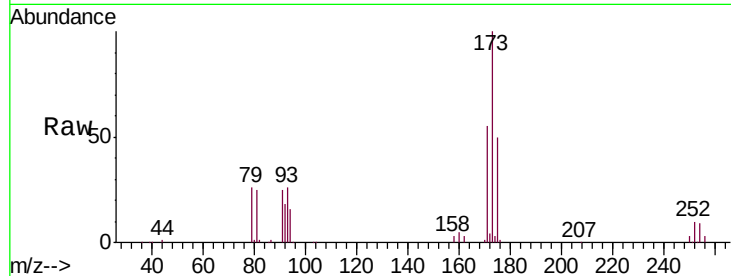




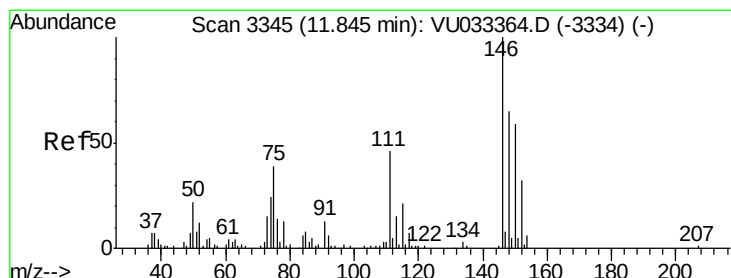
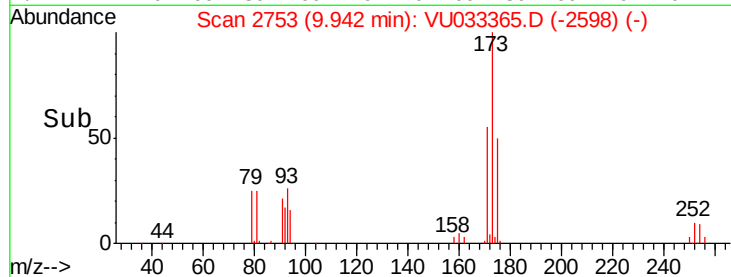
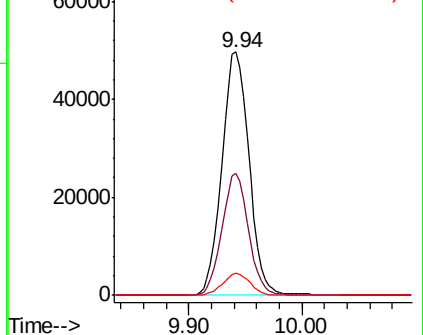
#67
Bromoform
Concen: 16.721 ug/l
RT: 9.94 min Scan# 2753
Delta R.T. -0.00 min
Lab File: VU033365.D
Acq: 22 Jul 2019 21:26

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

Tgt Ion:173 Resp: 83323
Ion Ratio Lower Upper
173 100
175 48.8 38.6 58.0
254 9.0 6.8 10.2

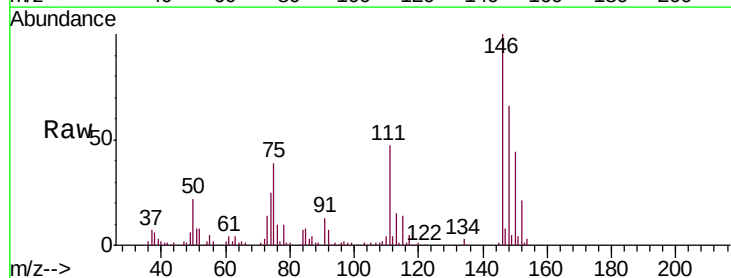


Abundance Ion 172.90 (172.60 to 173.60): V
Ion 174.90 (174.60 to 175.60): V
Ion 253.75 (253.45 to 254.45): V

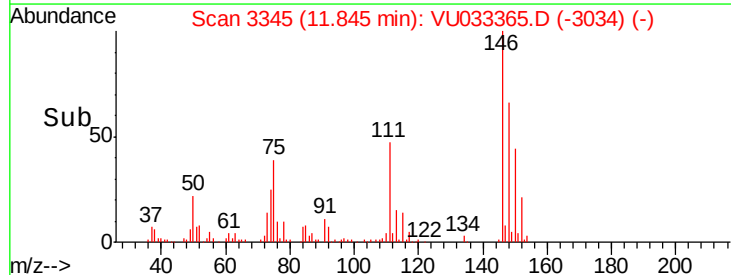
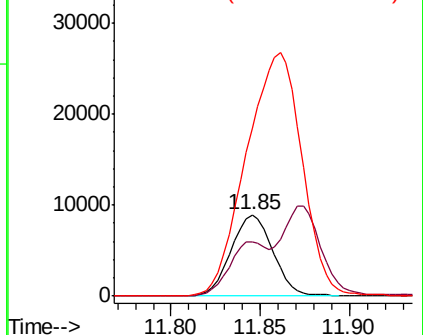


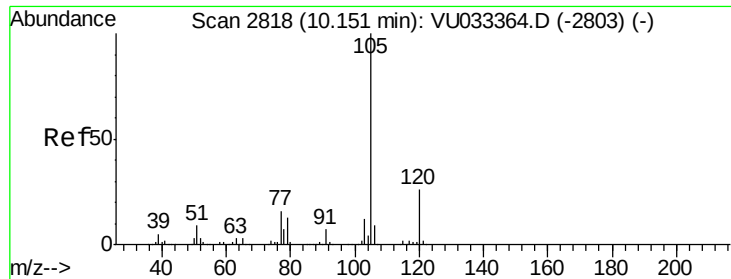
#68
1,2-Dichlorobenzene-d4
Concen: 1.298 ug/l
RT: 11.85 min Scan# 3345
Delta R.T. -0.00 min
Lab File: VU033365.D
Acq: 22 Jul 2019 21:26

Tgt Ion:152 Resp: 14609
Ion Ratio Lower Upper
152 100
115 60.6 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: 19.637 ug/l

RT: 10.15 min Scan# 2818

Delta R.T. -0.00 min

Lab File: VU033365.D

Acq: 22 Jul 2019 21:26

Instrument :

MSVOA_U

ClientSampleId :

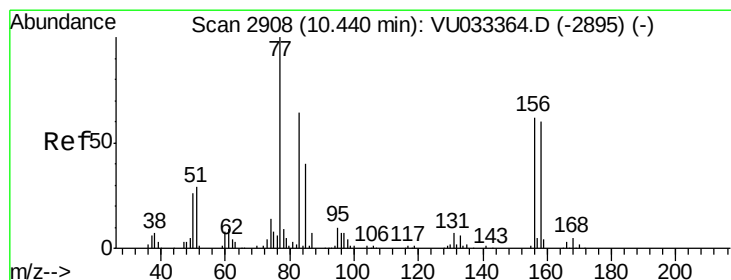
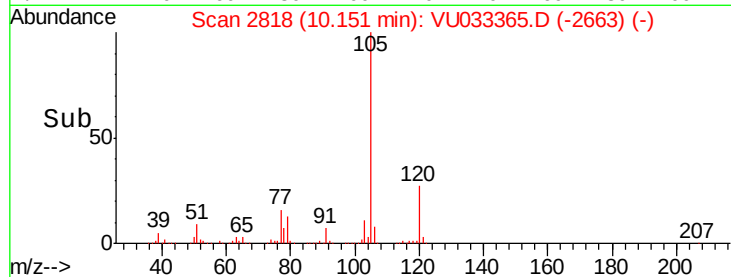
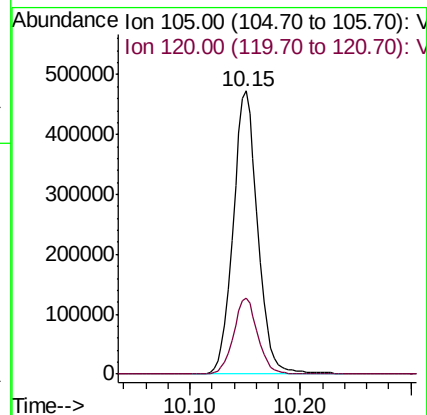
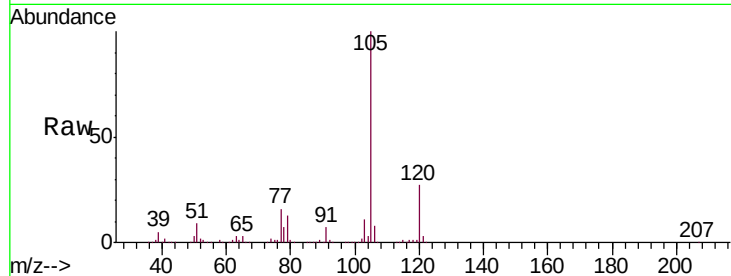
VSTDIC015

Tgt Ion:105 Resp: 730600

Ion Ratio Lower Upper

105 100

120 26.5 13.4 40.1



#70

1,1,2,2-Tetrachloroethane

Concen: 15.869 ug/l

RT: 10.44 min Scan# 2908

Delta R.T. -0.00 min

Lab File: VU033365.D

Acq: 22 Jul 2019 21:26

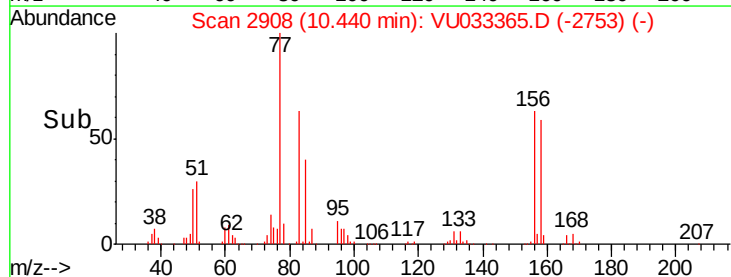
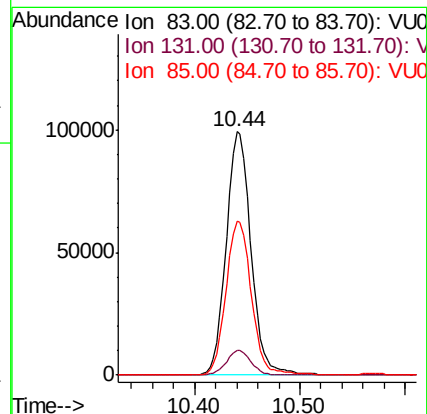
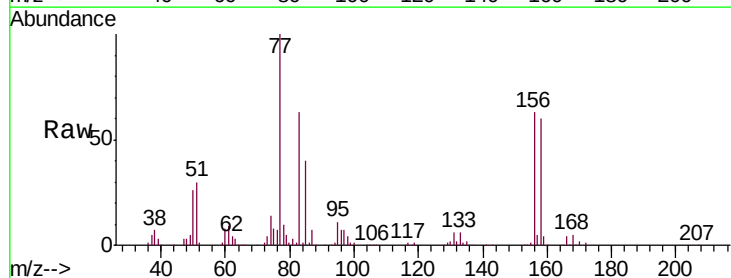
Tgt Ion: 83 Resp: 161591

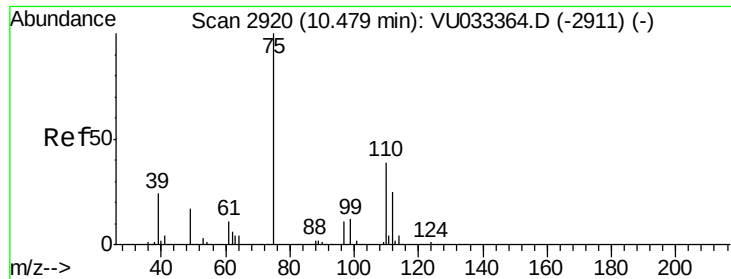
Ion Ratio Lower Upper

83 100

131 10.1 8.0 12.0

85 65.0 51.8 77.8





#71

1,2,3-Trichloropropane

Concen: 13.572 ug/l

RT: 10.48 min Scan# 2920

Delta R.T. -0.00 min

Lab File: VU033365.D

Acq: 22 Jul 2019 21:26

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC015

Tgt Ion: 75 Resp: 100887

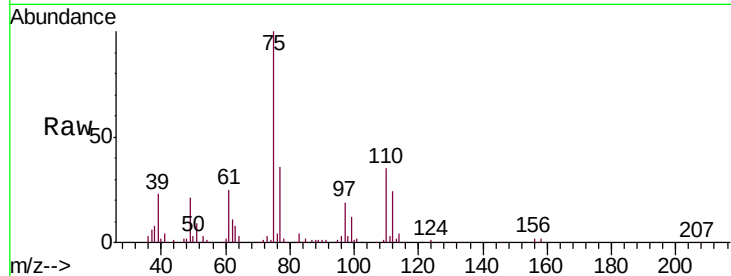
Ion Ratio Lower Upper

75 100

77 9.2 0.0 18.2

110 41.4 0.0 71.4

97 22.0 0.0 37.8

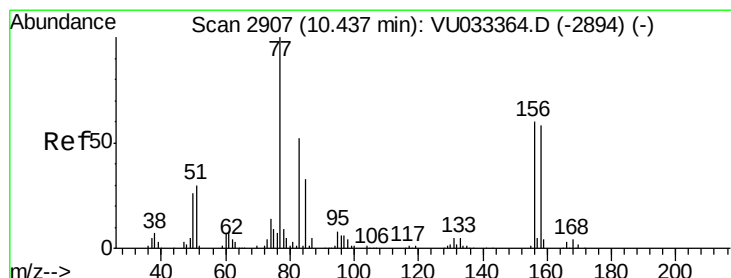
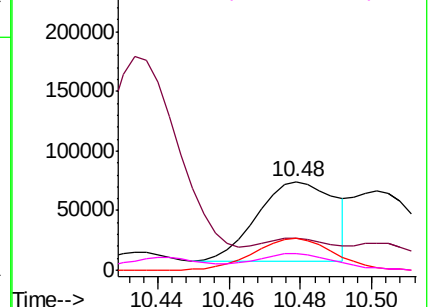
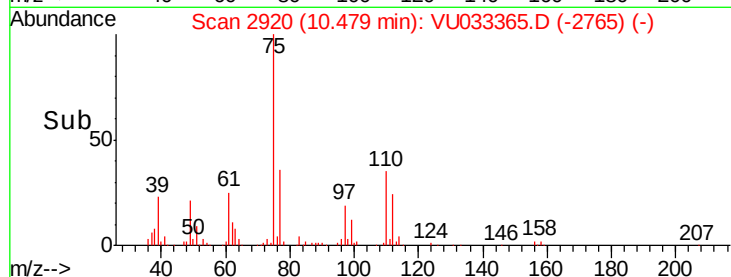


Abundance Ion 75.00 (74.70 to 75.70): VU0

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: 18.573 ug/l

RT: 10.44 min Scan# 2907

Delta R.T. -0.00 min

Lab File: VU033365.D

Acq: 22 Jul 2019 21:26

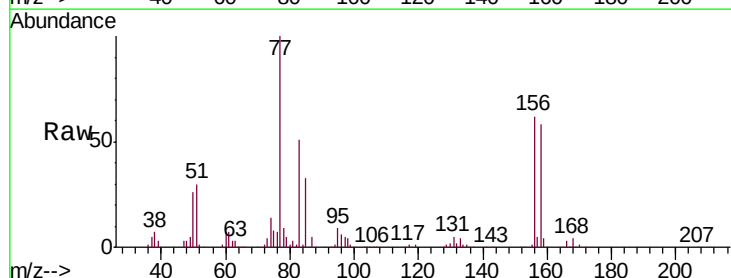
Tgt Ion: 156 Resp: 176389

Ion Ratio Lower Upper

156 100

77 163.1 0.0 324.4

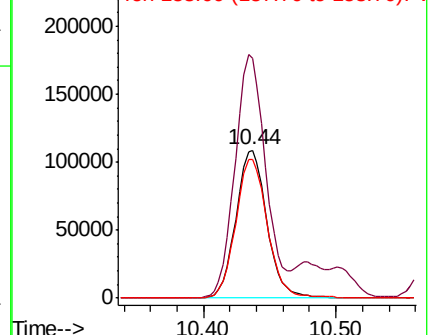
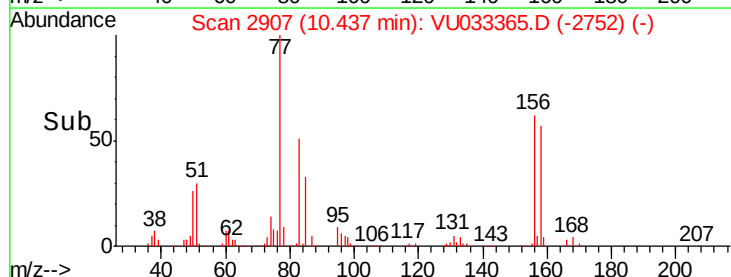
158 96.9 0.0 192.4

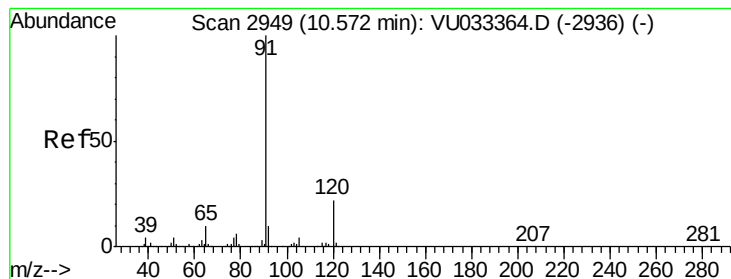


Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VU0

Ion 158.00 (157.70 to 158.70): V





#73

n-propylbenzene

Concen: 21.580 ug/l

RT: 10.57 min Scan# 2949

Delta R.T. -0.00 min

Lab File: VU033365.D

Acq: 22 Jul 2019 21:26

Instrument :

MSVOA_U

ClientSampleId :

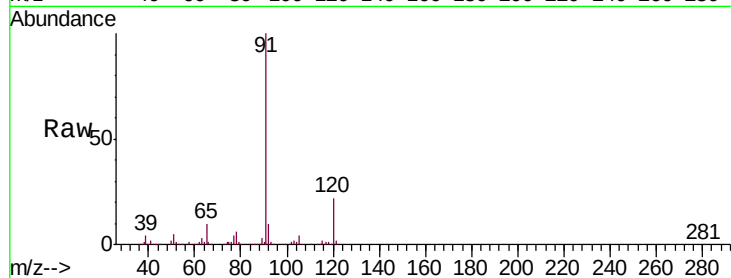
VSTDIC015

Tgt Ion:120 Resp: 211020

Ion Ratio Lower Upper

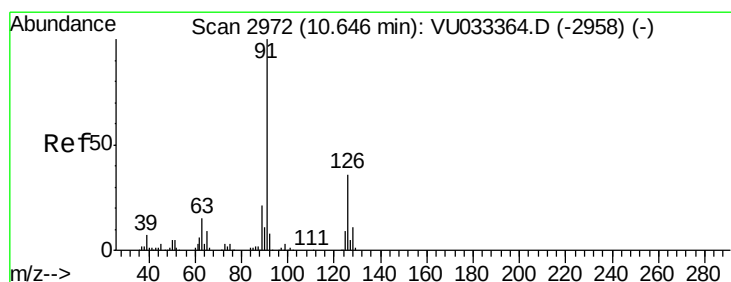
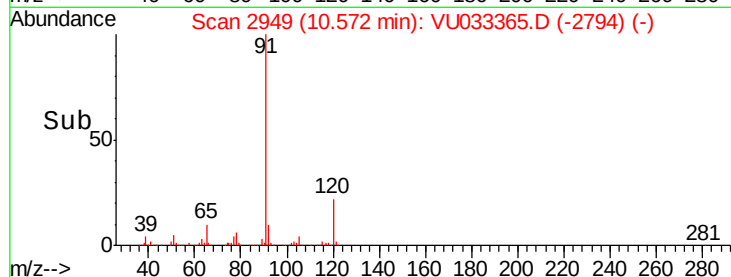
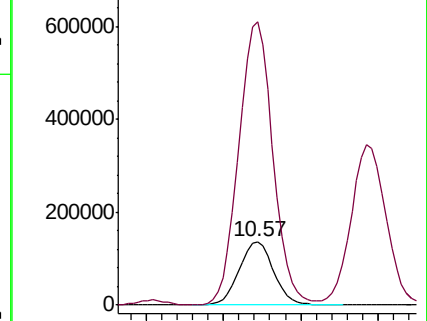
120 100

91 441.5 355.1 532.7



Abundance Ion 120.00 (119.70 to 120.70): V

Ion 91.00 (90.70 to 91.70): VU0



#74

2-Chlorotoluene

Concen: 19.665 ug/l

RT: 10.64 min Scan# 2971

Delta R.T. -0.00 min

Lab File: VU033365.D

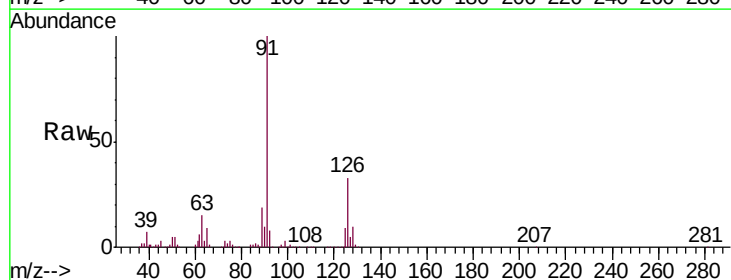
Acq: 22 Jul 2019 21:26

Tgt Ion:126 Resp: 182462

Ion Ratio Lower Upper

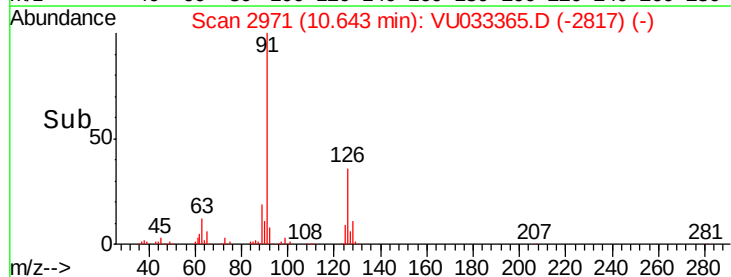
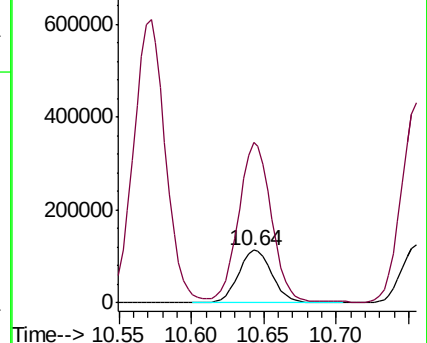
126 100

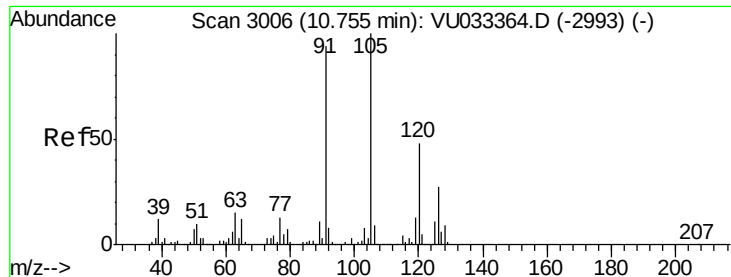
91 294.0 0.0 598.0



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: 20.715 ug/l

RT: 10.76 min Scan# 3006

Delta R.T. -0.00 min

Lab File: VU033365.D

Acq: 22 Jul 2019 21:26

Instrument :

MSVOA_U

ClientSampleId :

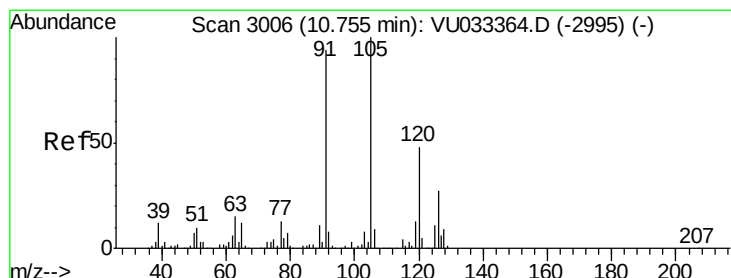
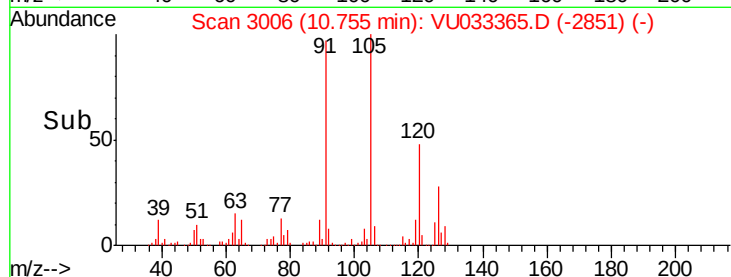
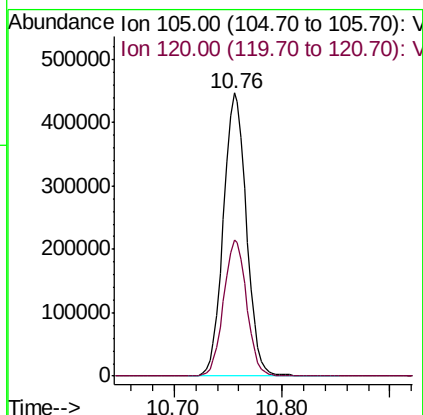
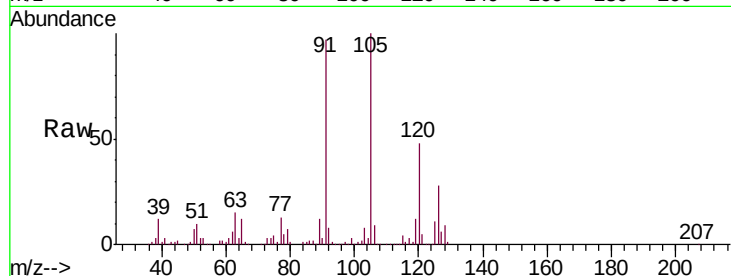
VSTDIC015

Tgt Ion:105 Resp: 662827

Ion Ratio Lower Upper

105 100

120 48.3 38.2 57.4



#76

4-Chlorotoluene

Concen: 21.036 ug/l

RT: 10.76 min Scan# 3006

Delta R.T. -0.00 min

Lab File: VU033365.D

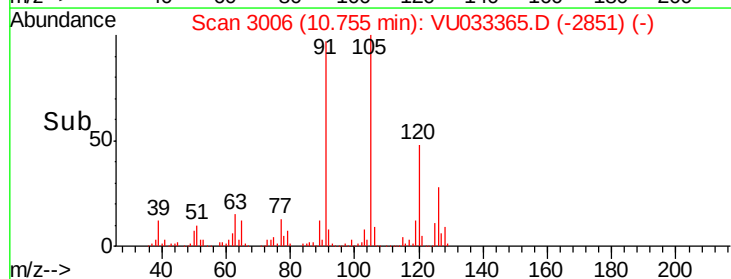
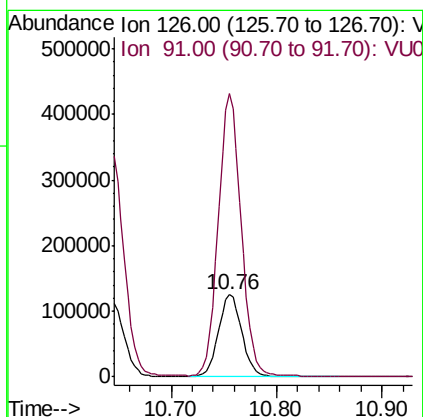
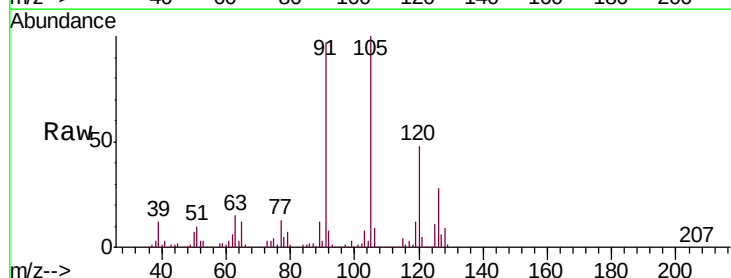
Acq: 22 Jul 2019 21:26

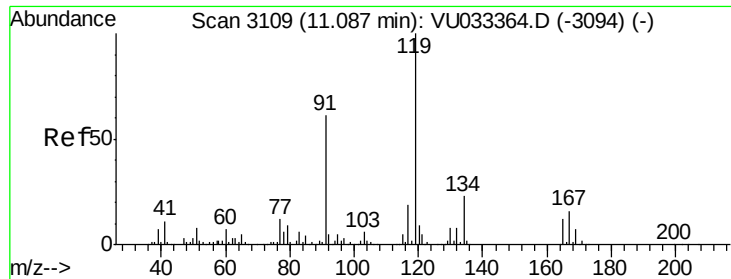
Tgt Ion:126 Resp: 191937

Ion Ratio Lower Upper

126 100

91 339.7 0.0 681.0

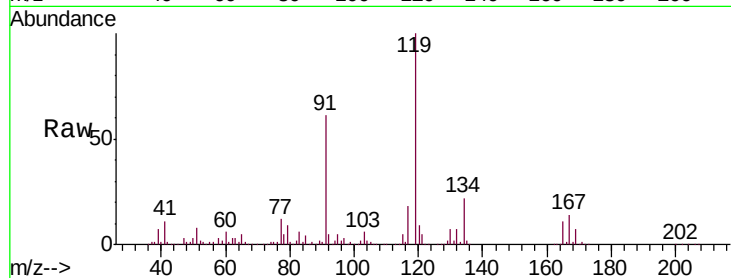




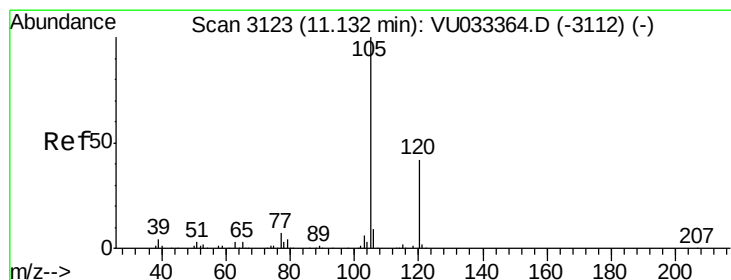
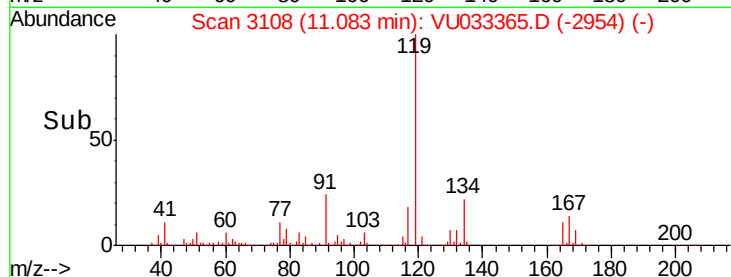
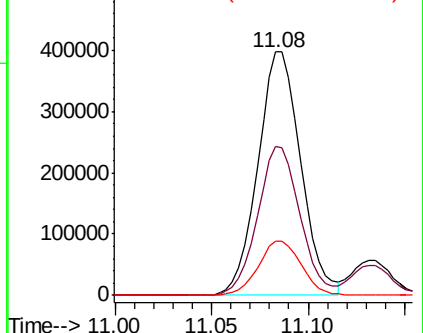
#77
 tert-Butylbenzene
 Concen: 20.400 ug/l
 RT: 11.08 min Scan# 3108
 Delta R.T. -0.00 min
 Lab File: VU033365.D
 Acq: 22 Jul 2019 21:26

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC015

Tgt Ion:119 Resp: 613470
 Ion Ratio Lower Upper
 119 100
 91 60.0 30.4 91.3
 134 22.6 18.5 27.7

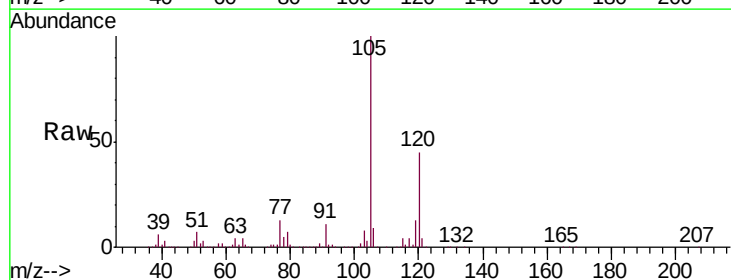


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VU0
 Ion 134.00 (133.70 to 134.70): V

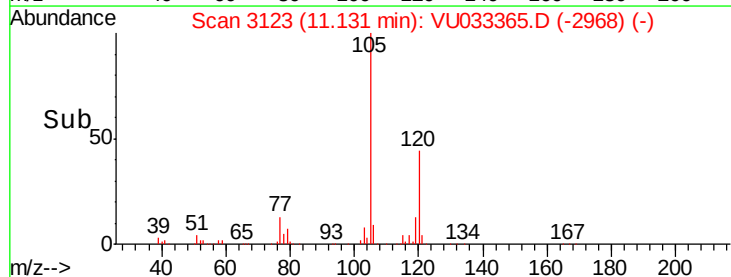
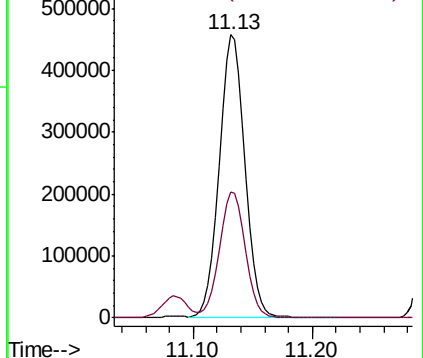


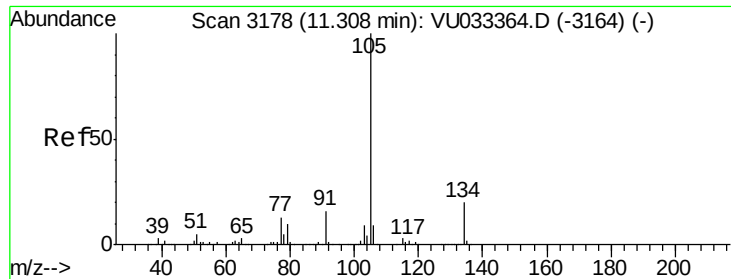
#78
 1,2,4-Trimethylbenzene
 Concen: 21.050 ug/l
 RT: 11.13 min Scan# 3123
 Delta R.T. -0.00 min
 Lab File: VU033365.D
 Acq: 22 Jul 2019 21:26

Tgt Ion:105 Resp: 682798
 Ion Ratio Lower Upper
 105 100
 120 45.0 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: 20.669 ug/l

RT: 11.31 min Scan# 3178

Delta R.T. -0.00 min

Lab File: VU033365.D

Acq: 22 Jul 2019 21:26

Instrument :

MSVOA_U

ClientSampleId :

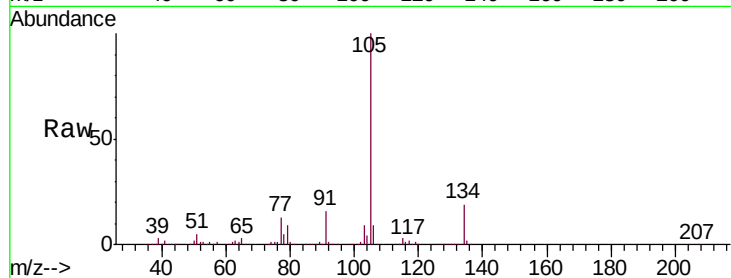
VSTDIC015

Tgt Ion: 105 Resp: 848459

Ion Ratio Lower Upper

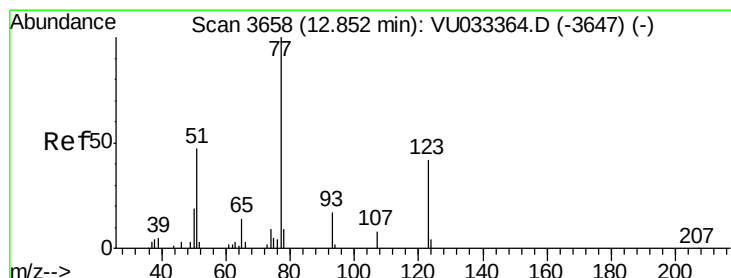
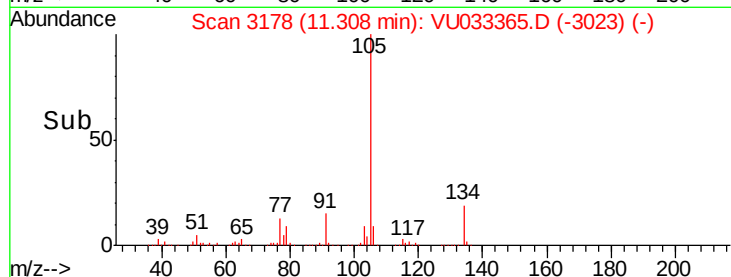
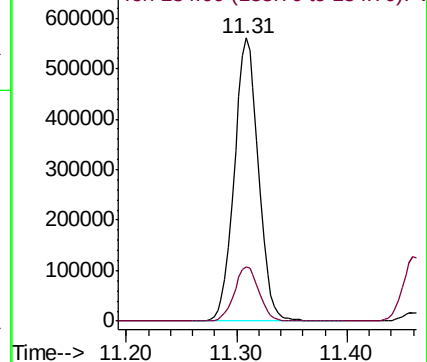
105 100

134 19.6 15.5 23.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#80

Nitrobenzene

Concen: 114.719 ug/l

RT: 12.85 min Scan# 3657

Delta R.T. -0.00 min

Lab File: VU033365.D

Acq: 22 Jul 2019 21:26

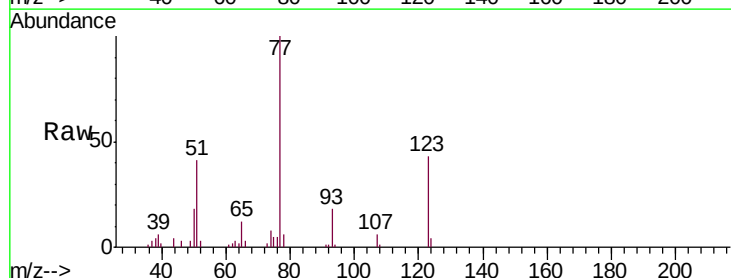
Tgt Ion: 77 Resp: 29060

Ion Ratio Lower Upper

77 100

123 44.9 19.3 68.3

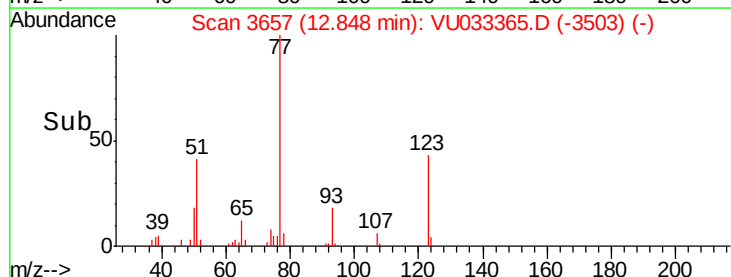
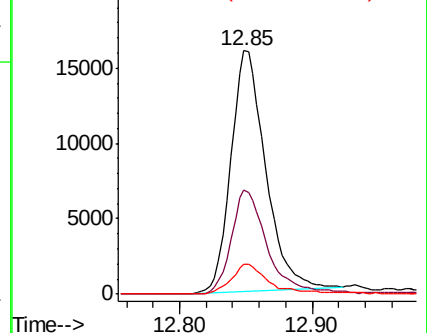
65 12.1 10.1 12.9

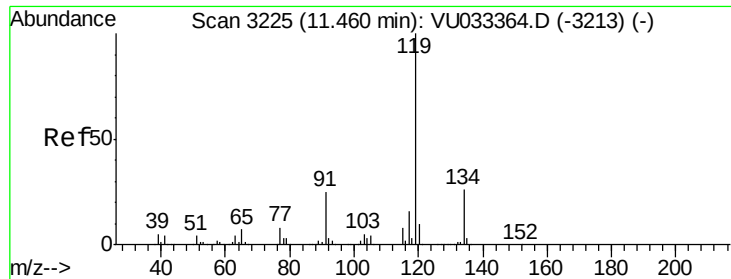


Abundance Ion 77.00 (76.70 to 77.70): VU0

Ion 123.00 (122.70 to 123.70): V

Ion 65.00 (64.70 to 65.70): VU0

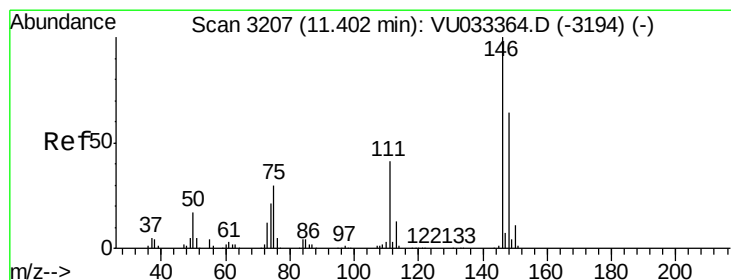
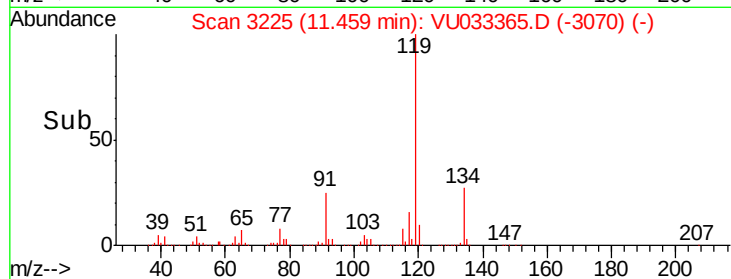
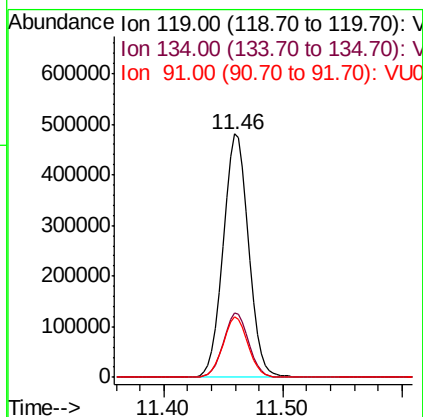
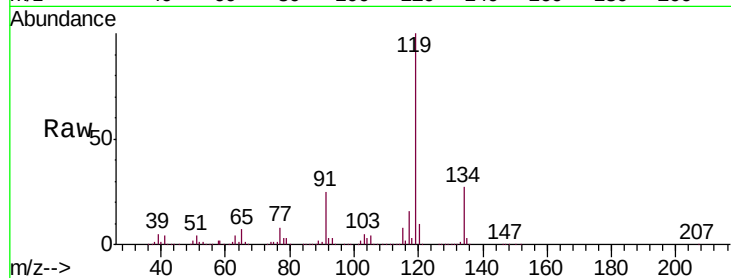




#81
 p-Isopropyltoluene
 Concen: 21.802 ug/l
 RT: 11.46 min Scan# 3225
 Delta R.T. -0.00 min
 Lab File: VU033365.D
 Acq: 22 Jul 2019 21:26

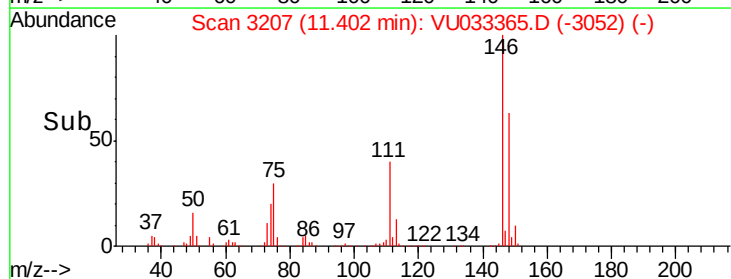
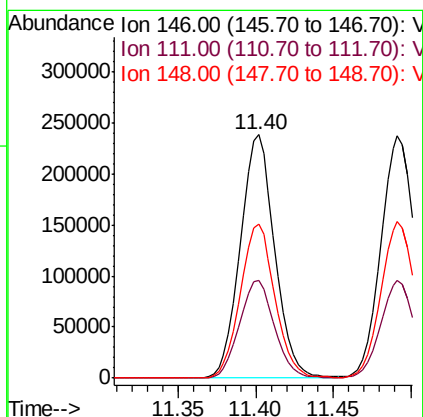
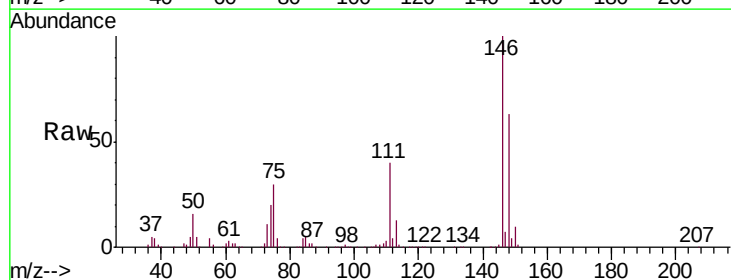
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC015

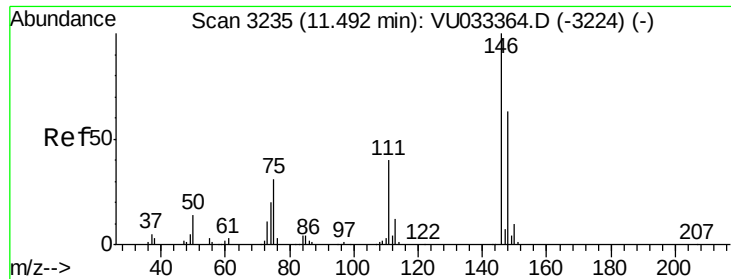
Tgt Ion:119 Resp: 707593
 Ion Ratio Lower Upper
 119 100
 134 26.4 21.0 31.4
 91 24.5 19.8 29.6



#82
 1,3-Dichlorobenzene
 Concen: 19.411 ug/l
 RT: 11.40 min Scan# 3207
 Delta R.T. -0.00 min
 Lab File: VU033365.D
 Acq: 22 Jul 2019 21:26

Tgt Ion:146 Resp: 368981
 Ion Ratio Lower Upper
 146 100
 111 40.8 33.3 49.9
 148 63.6 50.8 76.2

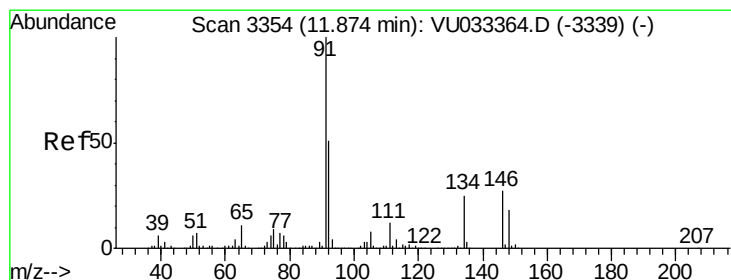
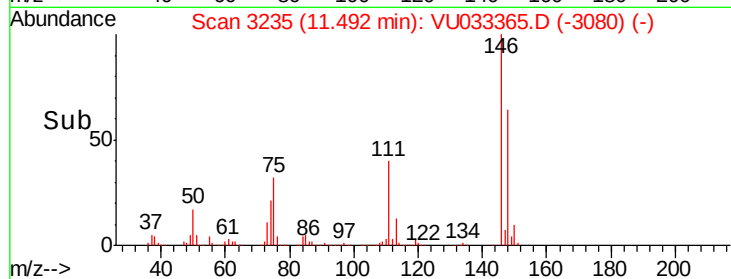
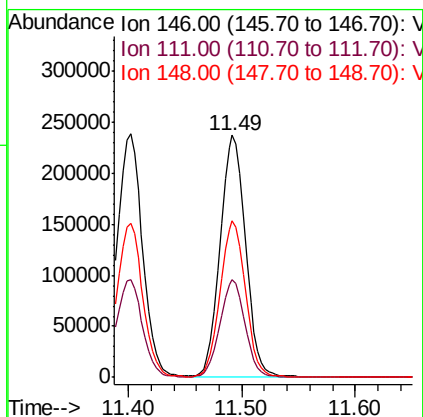
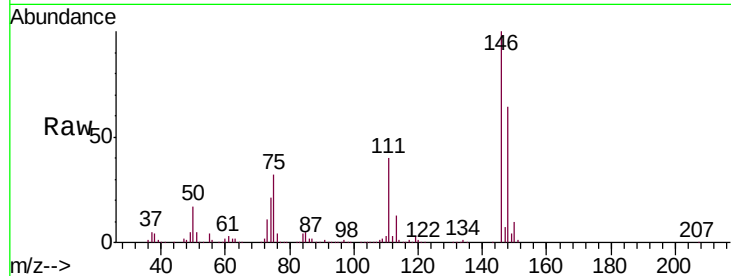




#83
 1,4-Dichlorobenzene
 Concen: 20.314 ug/l
 RT: 11.49 min Scan# 3235
 Delta R.T. -0.00 min
 Lab File: VU033365.D
 Acq: 22 Jul 2019 21:26

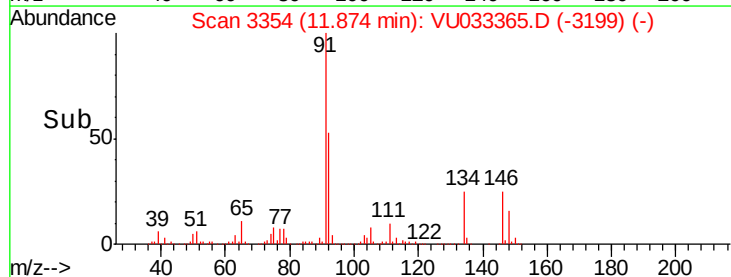
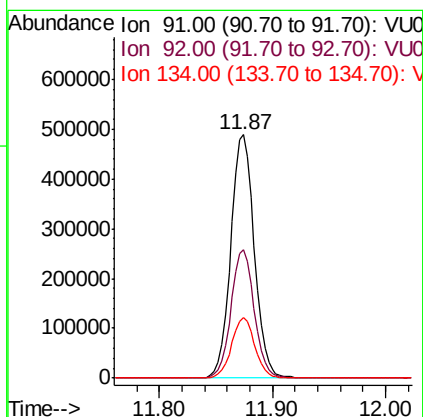
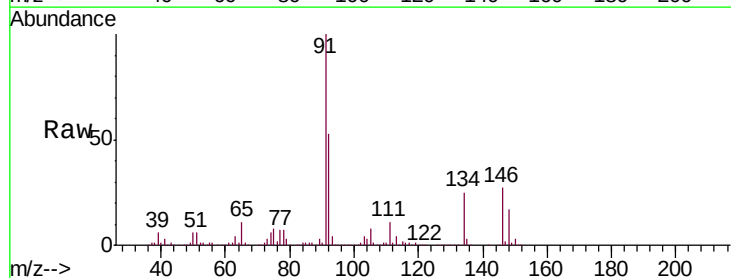
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC015

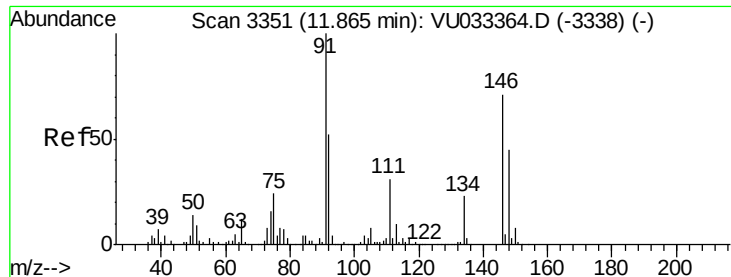
Tgt Ion:146 Resp: 372463
 Ion Ratio Lower Upper
 146 100
 111 39.7 32.2 48.4
 148 64.1 51.0 76.4



#84
 n-Butylbenzene
 Concen: 22.455 ug/l
 RT: 11.87 min Scan# 3354
 Delta R.T. -0.00 min
 Lab File: VU033365.D
 Acq: 22 Jul 2019 21:26

Tgt Ion: 91 Resp: 705385
 Ion Ratio Lower Upper
 91 100
 92 52.1 41.0 61.6
 134 24.7 19.5 29.3





#85

1,2-Dichlorobenzene

Concen: 19.121 ug/l

RT: 11.86 min Scan# 3351

Delta R.T. -0.00 min

Lab File: VU033365.D

Acq: 22 Jul 2019 21:26

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC015

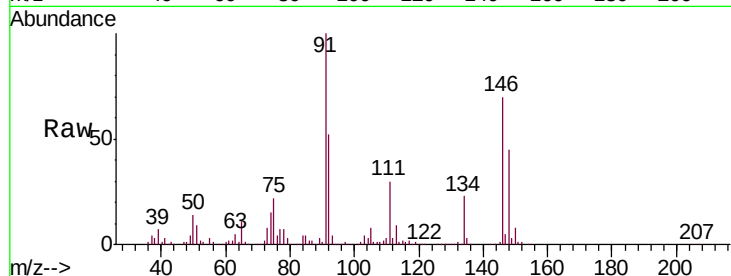
Tgt Ion:146 Resp: 346389

Ion Ratio Lower Upper

146 100

111 42.9 21.7 65.1

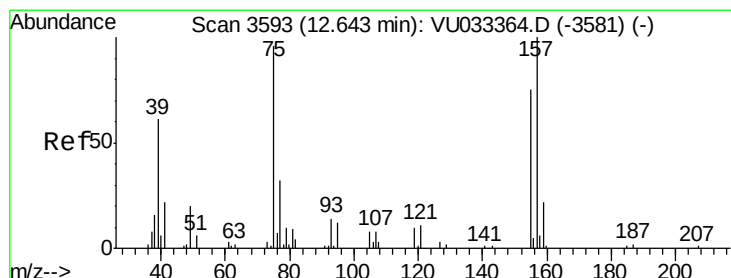
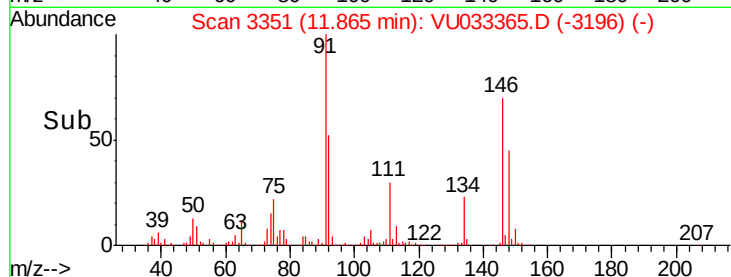
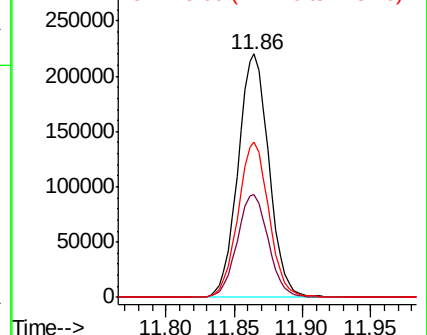
148 63.9 32.0 96.0



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: 18.100 ug/l

RT: 12.64 min Scan# 3593

Delta R.T. -0.00 min

Lab File: VU033365.D

Acq: 22 Jul 2019 21:26

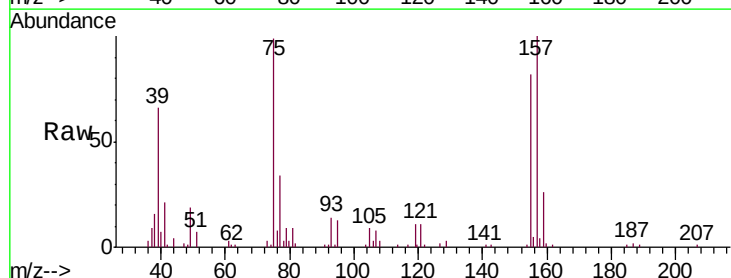
Tgt Ion: 75 Resp: 26832

Ion Ratio Lower Upper

75 100

155 80.6 63.3 94.9

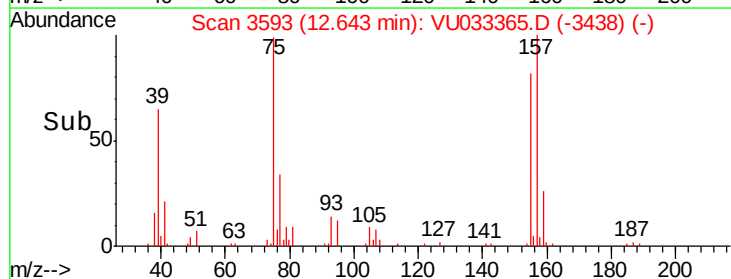
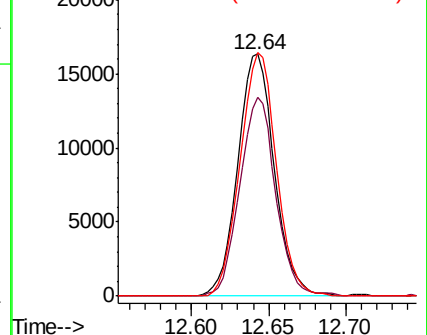
157 99.8 82.5 123.7

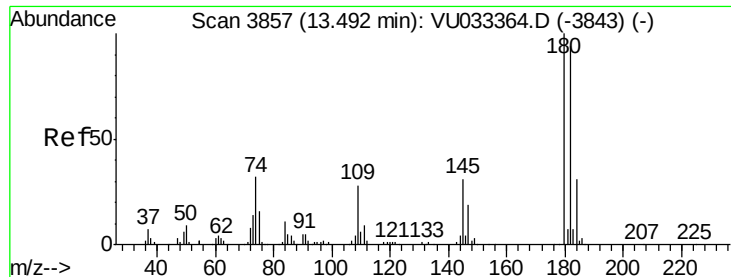


Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

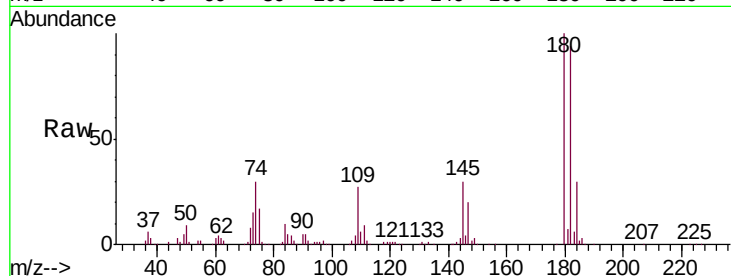




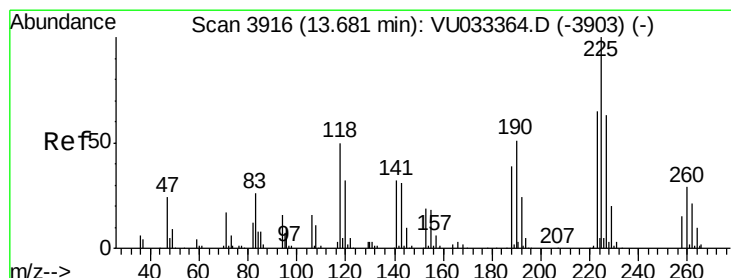
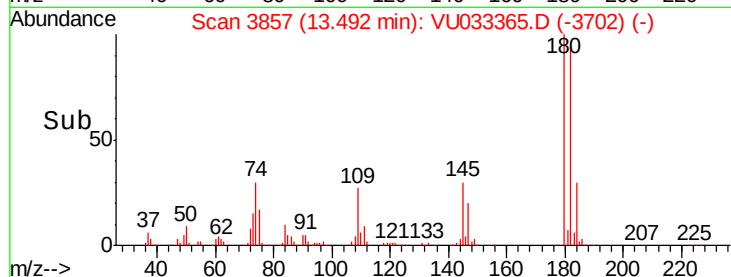
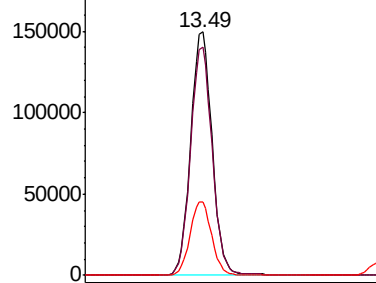
#87
 1,2,4-Trichlorobenzene
 Concen: 25.142 ug/l
 RT: 13.49 min Scan# 3857
 Delta R.T. -0.00 min
 Lab File: VU033365.D
 Acq: 22 Jul 2019 21:26

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC015

Tgt Ion:180 Resp: 236199
 Ion Ratio Lower Upper
 180 100
 182 94.5 76.2 114.4
 145 30.4 25.0 37.4

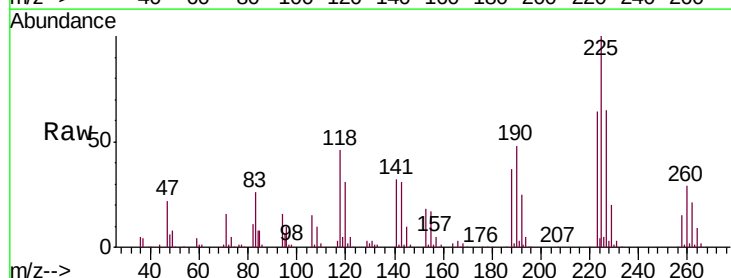


Abundance Ion 179.70 (179.40 to 180.40): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

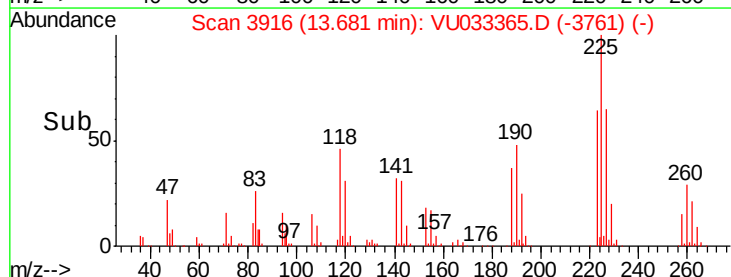
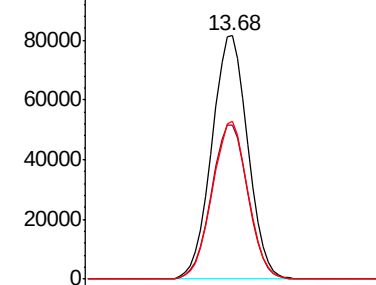


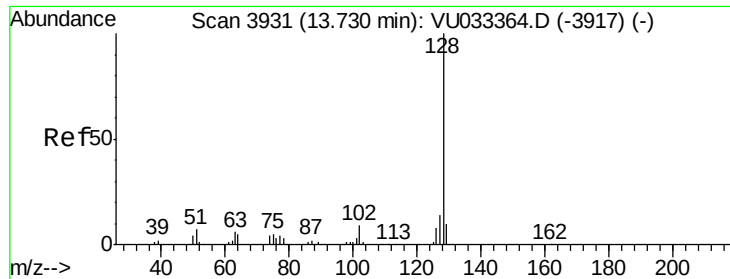
#88
 Hexachlorobutadiene
 Concen: 18.929 ug/l
 RT: 13.68 min Scan# 3916
 Delta R.T. -0.00 min
 Lab File: VU033365.D
 Acq: 22 Jul 2019 21:26

Tgt Ion:225 Resp: 124929
 Ion Ratio Lower Upper
 225 100
 223 64.2 52.2 78.4
 227 64.2 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: 28.225 ug/l

RT: 13.73 min Scan# 3931

Delta R.T. -0.00 min

Lab File: VU033365.D

Acq: 22 Jul 2019 21:26

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC015

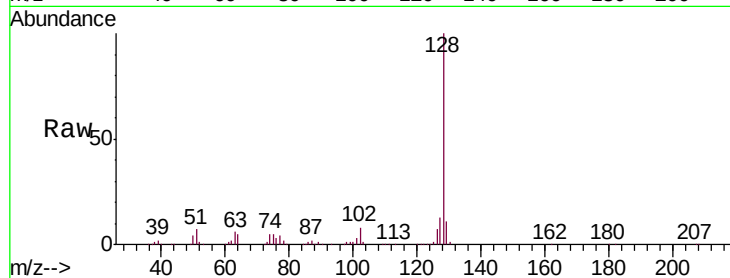
Tgt Ion:128 Resp: 465090

Ion Ratio Lower Upper

128 100

127 13.3 10.8 16.2

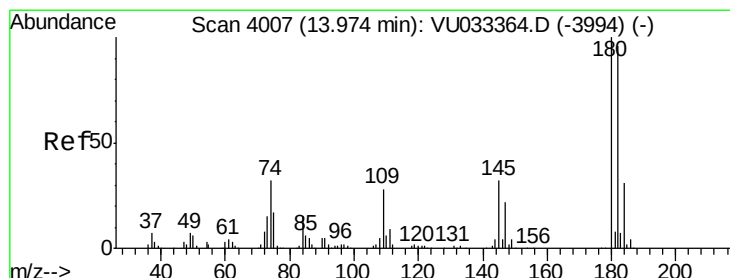
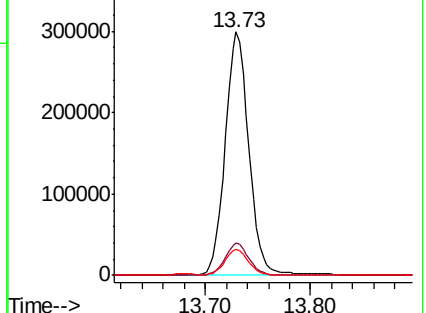
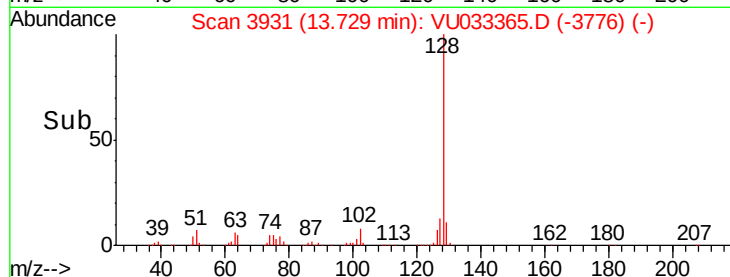
129 10.6 8.5 12.7



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: 23.471 ug/l

RT: 13.97 min Scan# 4007

Delta R.T. -0.00 min

Lab File: VU033365.D

Acq: 22 Jul 2019 21:26

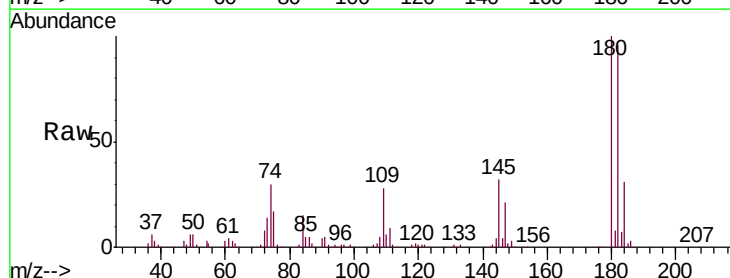
Tgt Ion:180 Resp: 224332

Ion Ratio Lower Upper

180 100

182 95.0 77.9 116.9

145 32.1 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

