

Data File : VU033362.D
Acq On : 22 Jul 2019 20:08
Operator : JC/SP
Sample : VSTDIC002
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

Quant Time: Jul 23 01:49:44 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	28338	1.00	ug/l	0.00

System Monitoring Compounds

57) 4-Bromofluorobenzene	10.29	95	11042	1.09	ug/l	0.00
Spiked Amount	1.000		Recovery	=	109.00%	
68) 1,2-Dichlorobenzene-d4	11.85	152	11409	1.19	ug/l	0.00
Spiked Amount	1.000		Recovery	=	119.00%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	24068	1.904 ug/l	99
3) Chloromethane	1.32	50	26742	1.791 ug/l	95
4) Vinyl Chloride	1.39	62	29002	1.996 ug/l	98
5) Bromomethane	1.62	94	19386	2.629 ug/l	100
6) Chloroethane	1.69	64	19599	2.296 ug/l	97
7) Trichlorofluoromethane	1.87	101	40070	2.345 ug/l	98
8) 1,1,2-Trichloro-1,2,2-trif	2.27	101	20699	2.446 ug/l	98
9) 1,1-Dichloroethene	2.27	96	20850	2.478 ug/l	90
10) Iodomethane	2.40	142	27470	2.855 ug/l	99
11) Allyl Chloride	2.58	41	33389	1.899 ug/l	96
12) Acrylonitrile	2.92	53	11145	4.433 ug/l #	89
13) Acetone	2.32	43	23631	10.441 ug/l	95
14) Carbon Disulfide	2.46	76	78997	2.454 ug/l	99
15) Methylene Chloride	2.68	84	26667	2.496 ug/l	98
16) trans-1,2-Dichloroethene	2.96	96	24528	2.594 ug/l	91
17) 1,1-Dichloroethane	3.42	63	32781	1.778 ug/l	99
18) 2-Butanone	4.26	43	23238	8.246 ug/l	95
19) Cyclohexane	4.97	56	19479	1.388 ug/l	87
20) Methylcyclohexane	6.39	83	21685	1.864 ug/l	93
21) 2,2-Dichloropropane	4.20	77	27483	2.011 ug/l	99
22) cis-1,2-Dichloroethene	4.20	96	17816	1.855 ug/l	96
23) Diethyl Ether	2.09	59	17568	2.216 ug/l	98
24) tert-Butyl Alcohol	2.85	59	26834	31.145 ug/l #	82
25) Methyl tert-Butyl Ether	2.99	73	59532	2.437 ug/l	100
26) Bromochloromethane	4.53	128	8225	2.017 ug/l	97
27) Chloroform	4.65	83	37230	2.139 ug/l	100
28) 1,1,1-Trichloroethane	4.89	97	28084	1.908 ug/l	96
29) 1,1-Dichloropropene	5.11	75	21992	1.861 ug/l	99
30) Carbon Tetrachloride	5.11	117	25663	2.037 ug/l	90
31) Isopropyl Ether	3.56	45	39514	1.466 ug/l	95
32) Ethyl-t-butyl ether	4.05	59	36229	1.624 ug/l	97
33) Tert-Amyl methyl ether	5.56	73	33803	1.866 ug/l	98
34) Propionitrile	4.33	54	6824	8.886 ug/l #	94
35) Benzene	5.37	78	67718	1.877 ug/l	98
36) 1,2-Dichloroethane	5.38	62	23191	1.958 ug/l	100
37) Trichloroethene	6.16	130	17691	1.973 ug/l	99
38) 1,2-Dichloropropane	6.41	63	18791	1.848 ug/l	99
39) Methacrylonitrile	4.53	41	4943	1.573 ug/l	97
40) Methyl acrylate	4.41	55	7425	1.781 ug/l #	96
41) Tetrahydrofuran	4.63	42	5171	2.980 ug/l	97
42) 1-Chlorobutane	5.04	56	29894	1.693 ug/l	91

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Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.54	93	10838	2.121	ug/l	99
44) Bromodichloromethane	6.74	83	25002	1.986	ug/l	99
45) 4-Methyl-2-Pentanone	7.45	43	53796	9.057	ug/l	95
46) t-1,4-Dichloro-2-butene	10.48	75	11860	6.165	ug/l #	81
47) Methyl methacrylate	6.61	69	15068	3.859	ug/l	95
48) Ethyl methacrylate	8.01	69	13010	1.914	ug/l	96
49) Toluene	7.62	92	38593	2.028	ug/l	99
50) t-1,3-Dichloropropene	7.86	75	20725	2.078	ug/l	99
51) cis-1,3-Dichloropropene	7.25	75	25014	2.076	ug/l	99
52) 1,1,2-Trichloroethane	8.05	97	14128	2.108	ug/l	96
53) 1,3-Dichloropropane	8.23	76	23890	2.058	ug/l	100
54) 2-Hexanone	8.35	43	36124	8.977	ug/l	93
55) Dibromochloromethane	8.46	129	15452	2.038	ug/l	94
56) 1,2-Dibromoethane	8.57	107	13276	2.209	ug/l	97
58) Tetrachloroethene	8.21	164	15820	1.840	ug/l	97
59) Chlorobenzene	9.10	112	43175	2.129	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.19	131	16984	2.162	ug/l	98
61) Pentachloroethane	11.09	117	14458	2.518	ug/l	88
62) Hexachloroethane	12.13	117	13310	2.372	ug/l	96
63) Ethyl Benzene	9.23	91	66486	2.015	ug/l	100
64) m/p-Xylenes	9.36	106	53523	4.296	ug/l	98
65) o-Xylene	9.76	106	26115	2.151	ug/l	100
66) Styrene	9.78	104	44048	2.183	ug/l	99
67) Bromoform	9.95	173	9136	2.156	ug/l	96
69) Isopropylbenzene	10.15	105	66013	2.087	ug/l	98
70) 1,1,2,2-Tetrachloroethane	10.44	83	19555	2.259	ug/l #	96
71) 1,2,3-Trichloropropane	10.48	75	11860	1.877	ug/l #	71
72) Bromobenzene	10.44	156	18618	2.306	ug/l	98
73) n-propylbenzene	10.57	120	18497	2.225	ug/l	91
74) 2-Chlorotoluene	10.64	126	17631	2.235	ug/l	97
75) 1,3,5-Trimethylbenzene	10.76	105	59226	2.177	ug/l	99
76) 4-Chlorotoluene	10.76	126	18884	2.435	ug/l	96
77) tert-Butylbenzene	11.08	119	56091	2.194	ug/l	99
78) 1,2,4-Trimethylbenzene	11.13	105	61947	2.246	ug/l	100
79) sec-Butylbenzene	11.31	105	80689	2.312	ug/l	99
80) Nitrobenzene	12.86	77	1404	6.519	ug/l #	89
81) p-Isopropyltoluene	11.46	119	64935	2.353	ug/l	99
82) 1,3-Dichlorobenzene	11.40	146	38621	2.390	ug/l	98
83) 1,4-Dichlorobenzene	11.49	146	37985	2.437	ug/l	99
84) n-Butylbenzene	11.87	91	65160	2.440	ug/l	98
85) 1,2-Dichlorobenzene	11.86	146	36501	2.370	ug/l	99
86) 1,2-Dibromo-3-Chloropropan	12.64	75	3021	2.397	ug/l	96
87) 1,2,4-Trichlorobenzene	13.49	180	20468	2.563	ug/l	98
88) Hexachlorobutadiene	13.68	225	13496	2.405	ug/l	96
89) Naphthalene	13.73	128	33386	2.383	ug/l	98
90) 1,2,3-Trichlorobenzene	13.97	180	20225	2.489	ug/l	99

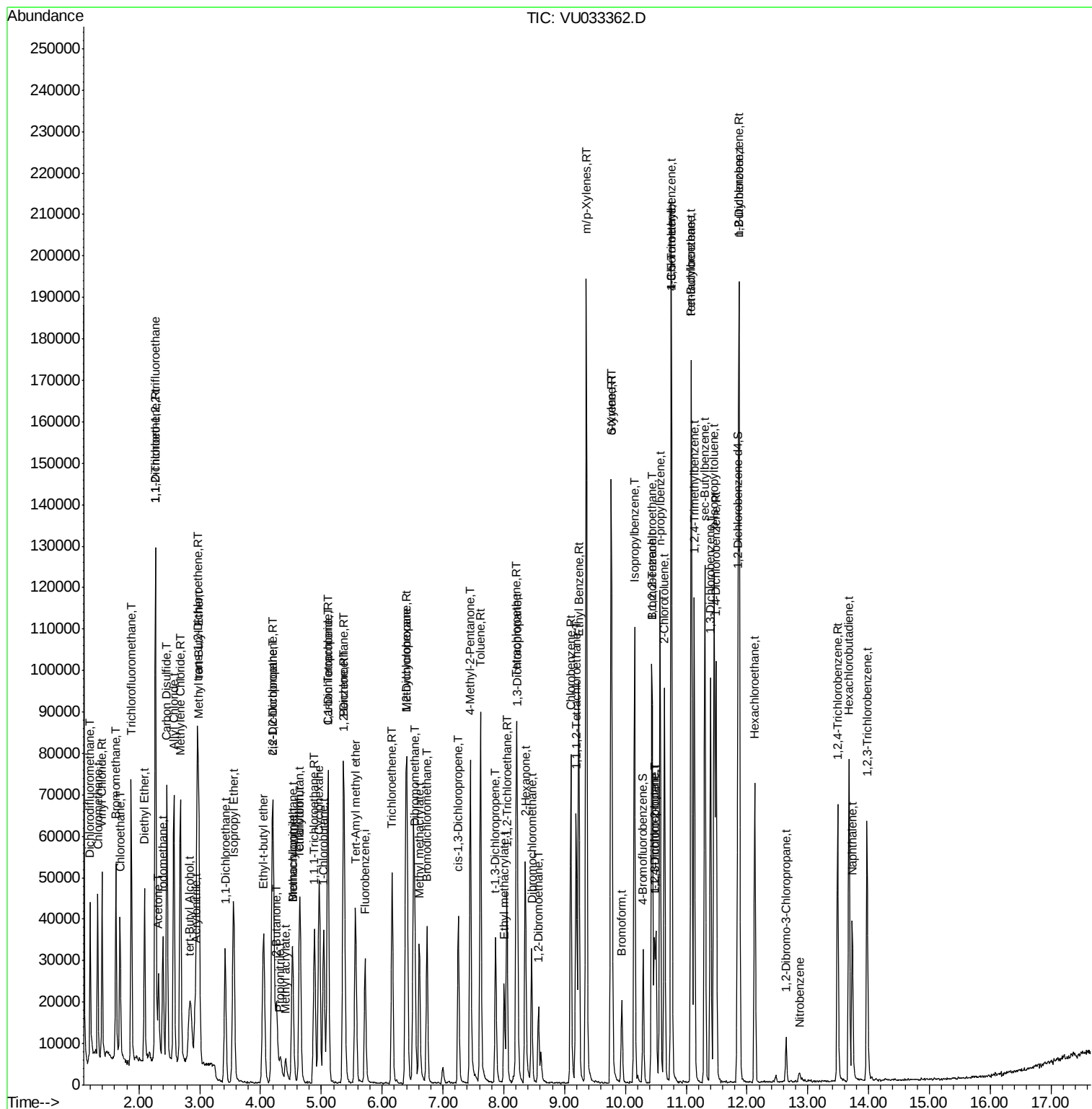
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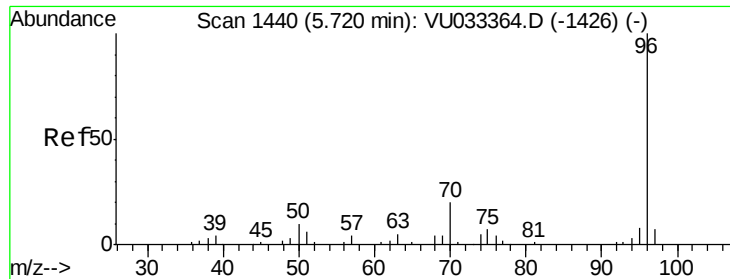
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#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 5.72 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VU033362.D

Acq: 22 Jul 2019 20:08

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC002

Tgt Ion: 96 Resp: 28338

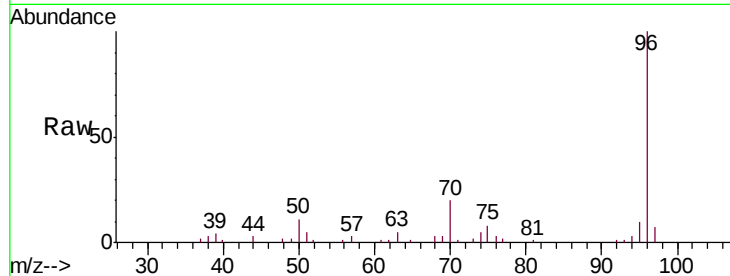
Ion Ratio Lower Upper

96 100

70 22.1 16.4 24.6

95 8.8 6.7 10.1

97 6.9 0.0 0.0#

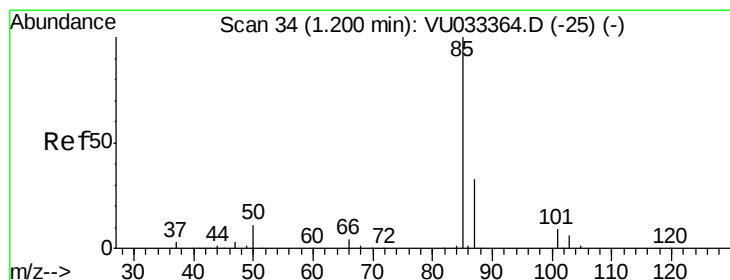
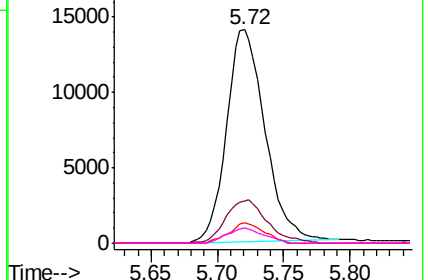
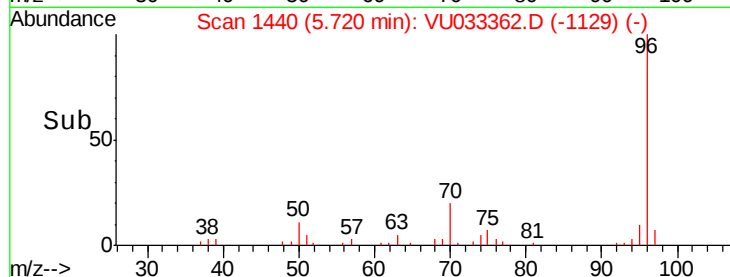


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 70.00 (69.70 to 70.70): VU0

Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0



#2

Dichlorodifluoromethane

Concen: 1.904 ug/l

RT: 1.20 min Scan# 34

Delta R.T. -0.00 min

Lab File: VU033362.D

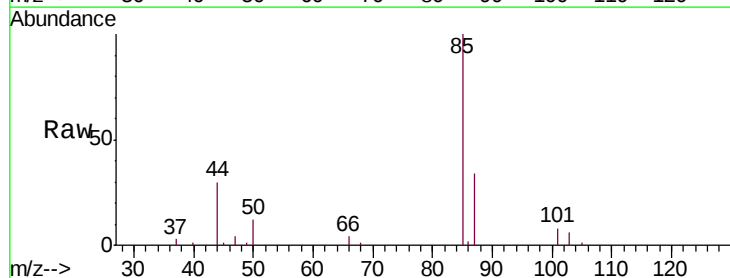
Acq: 22 Jul 2019 20:08

Tgt Ion: 85 Resp: 24068

Ion Ratio Lower Upper

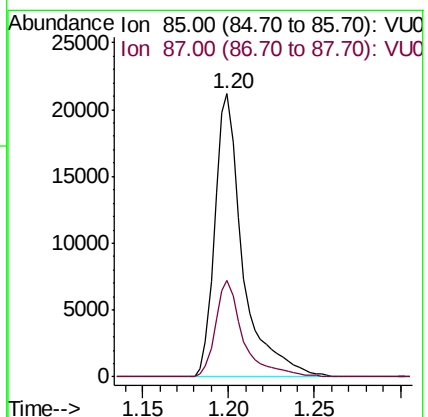
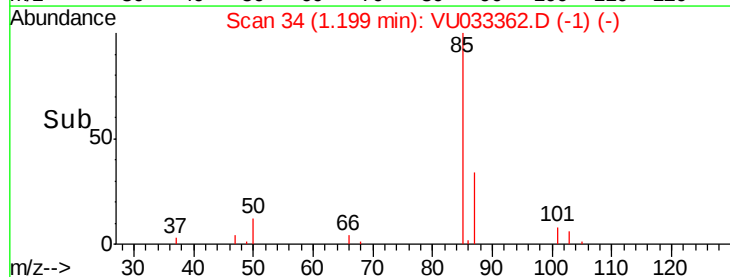
85 100

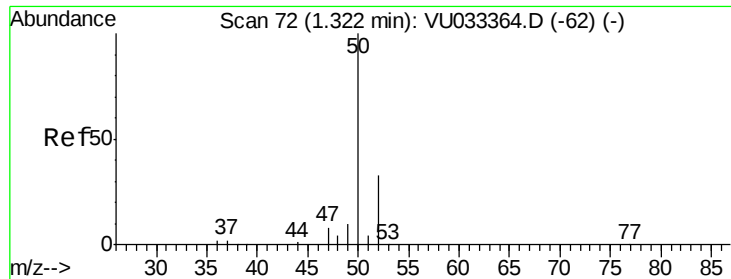
87 33.9 16.6 49.7



Abundance Ion 85.00 (84.70 to 85.70): VU0

Ion 87.00 (86.70 to 87.70): VU0





#3

Chloromethane

Concen: 1.791 ug/l

RT: 1.32 min Scan# 72

Delta R.T. -0.00 min

Lab File: VU033362.D

Acq: 22 Jul 2019 20:08

Instrument :

MSVOA_U

ClientSampleId :

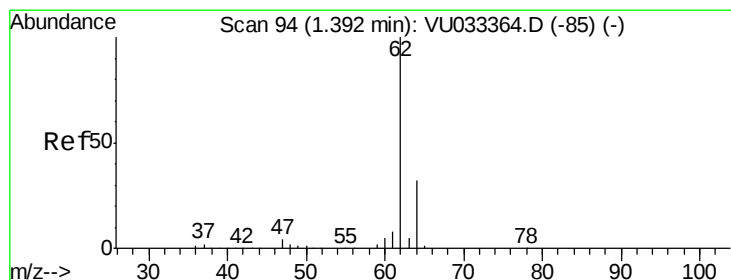
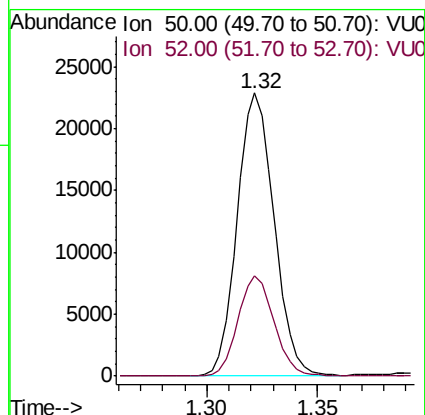
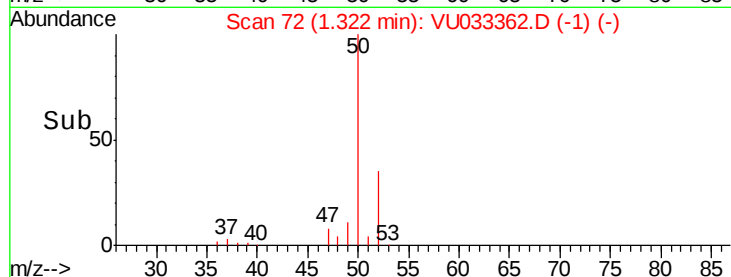
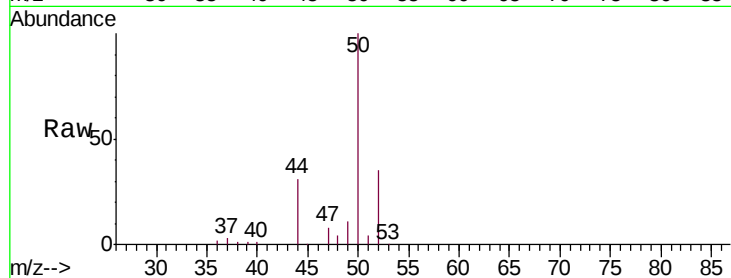
VSTDIC002

Tgt Ion: 50 Resp: 26742

Ion Ratio Lower Upper

50 100

52 35.3 26.1 39.1



#4

Vinyl Chloride

Concen: 1.996 ug/l

RT: 1.39 min Scan# 94

Delta R.T. -0.00 min

Lab File: VU033362.D

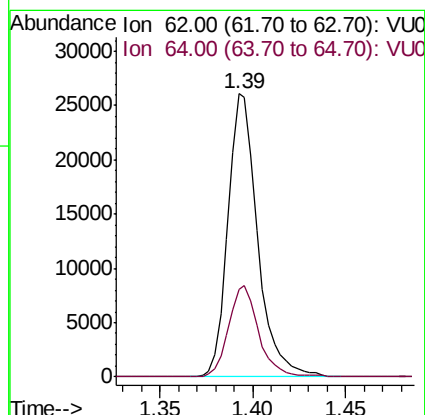
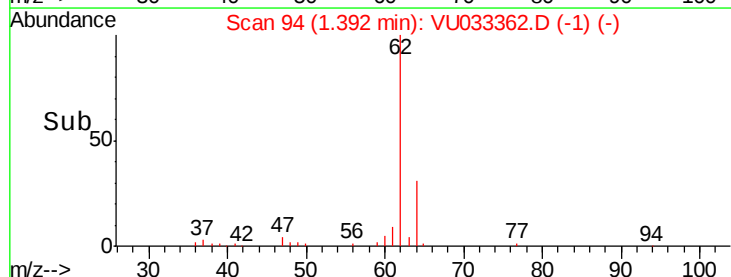
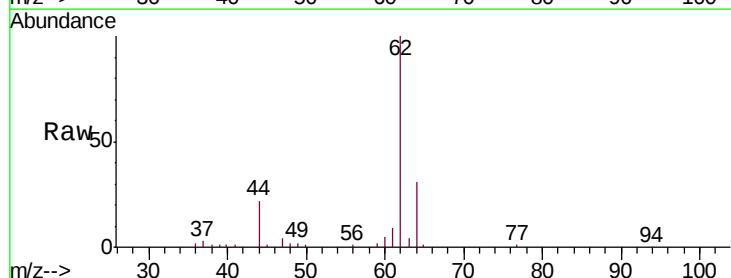
Acq: 22 Jul 2019 20:08

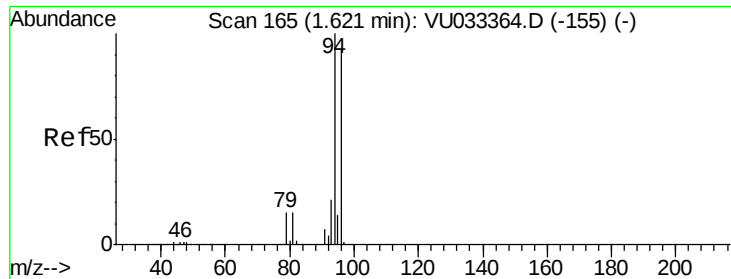
Tgt Ion: 62 Resp: 29002

Ion Ratio Lower Upper

62 100

64 30.9 25.6 38.4





#5

Bromomethane

Concen: 2.629 ug/l

RT: 1.62 min Scan# 165

Delta R.T. -0.00 min

Lab File: VU033362.D

Acq: 22 Jul 2019 20:08

Instrument :

MSVOA_U

ClientSampleId :

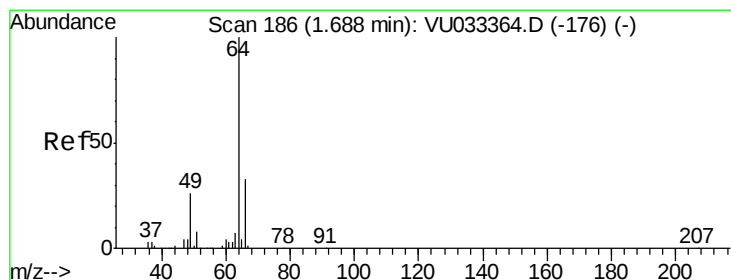
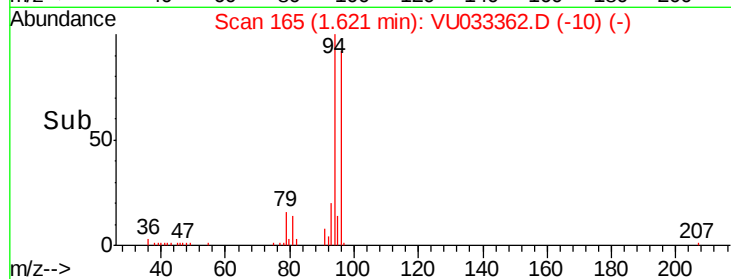
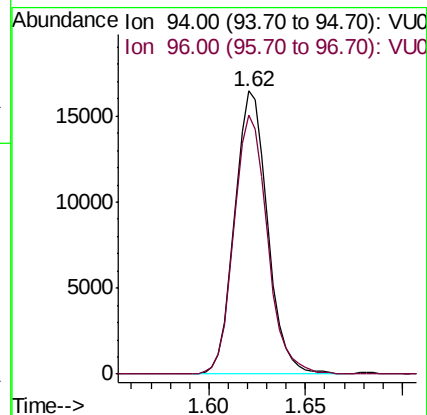
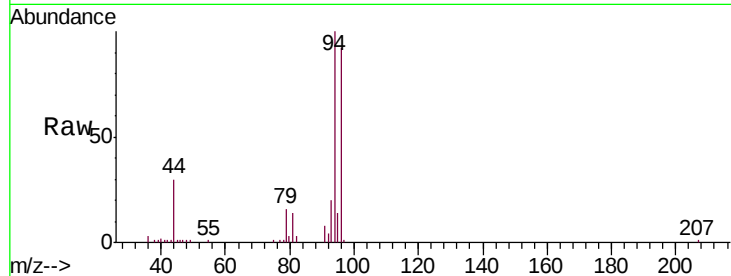
VSTDIC002

Tgt Ion: 94 Resp: 19386

Ion Ratio Lower Upper

94 100

96 91.6 73.2 109.8



#6

Chloroethane

Concen: 2.296 ug/l

RT: 1.69 min Scan# 186

Delta R.T. -0.00 min

Lab File: VU033362.D

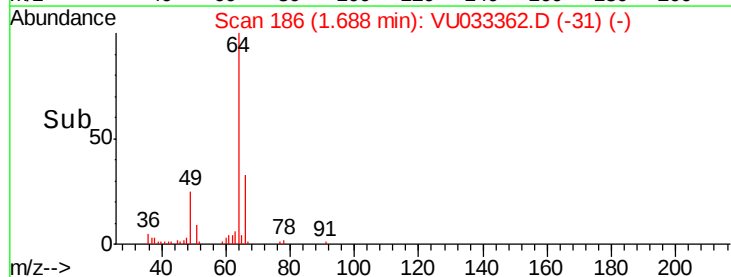
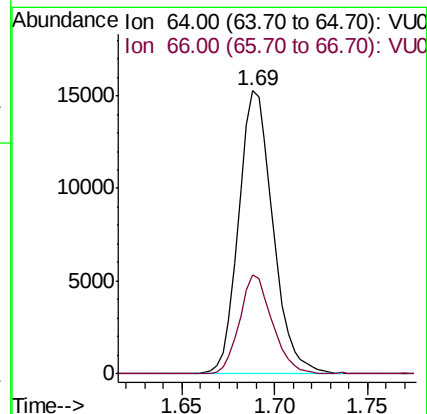
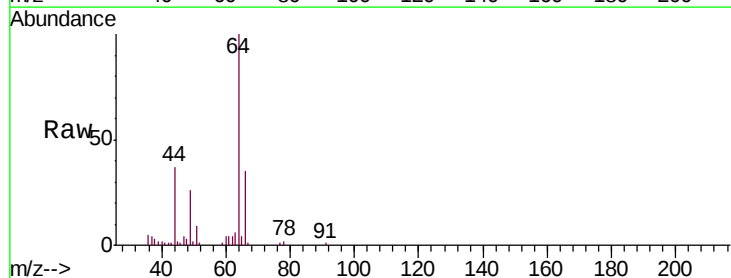
Acq: 22 Jul 2019 20:08

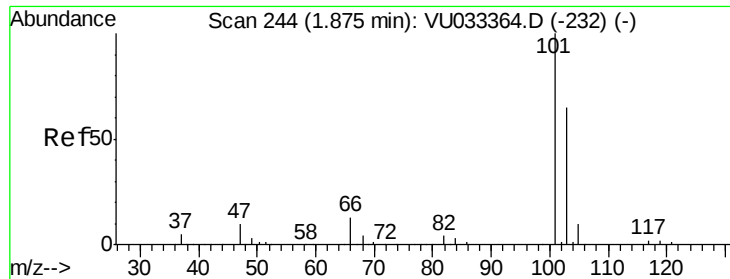
Tgt Ion: 64 Resp: 19599

Ion Ratio Lower Upper

64 100

66 34.8 26.4 39.6





#7

Trichlorofluoromethane

Concen: 2.345 ug/l

RT: 1.87 min Scan# 244

Delta R.T. -0.00 min

Lab File: VU033362.D

Acq: 22 Jul 2019 20:08

Instrument :

MSVOA_U

ClientSampleId :

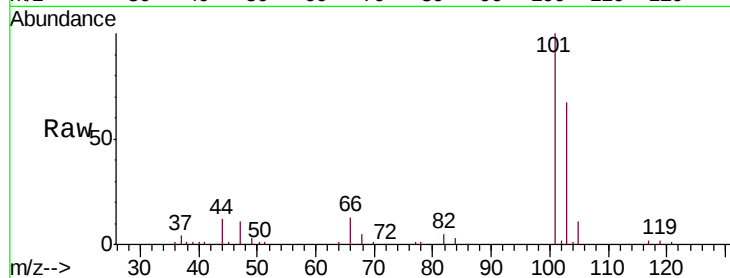
VSTDIC002

Tgt Ion:101 Resp: 40070

Ion Ratio Lower Upper

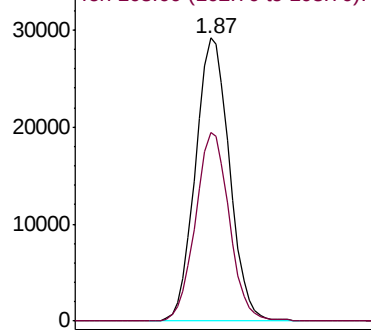
101 100

103 66.6 52.2 78.2

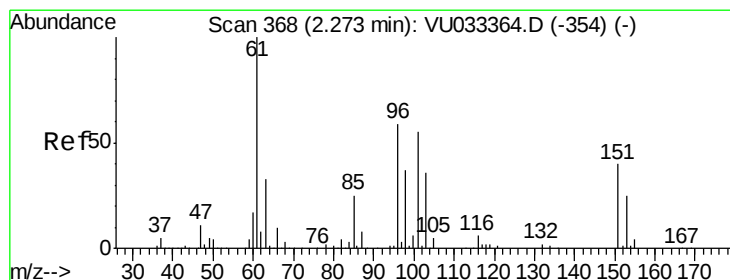
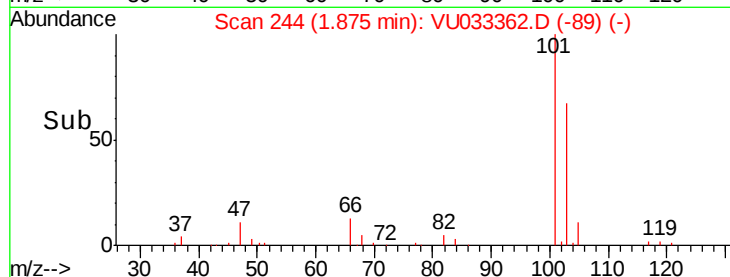


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



Time-->



#8

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 2.446 ug/l

RT: 2.27 min Scan# 368

Delta R.T. -0.00 min

Lab File: VU033362.D

Acq: 22 Jul 2019 20:08

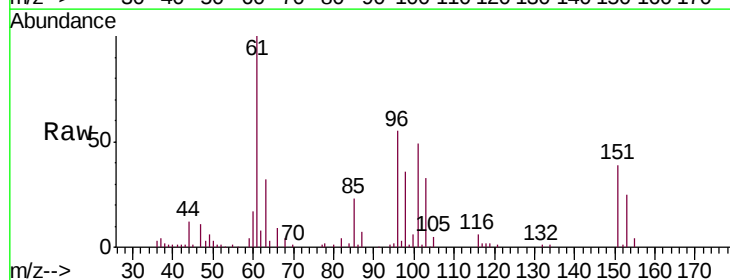
Tgt Ion:101 Resp: 20699

Ion Ratio Lower Upper

101 100

85 46.1 37.5 56.3

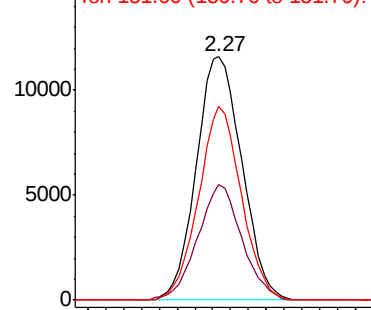
151 74.7 58.3 87.5



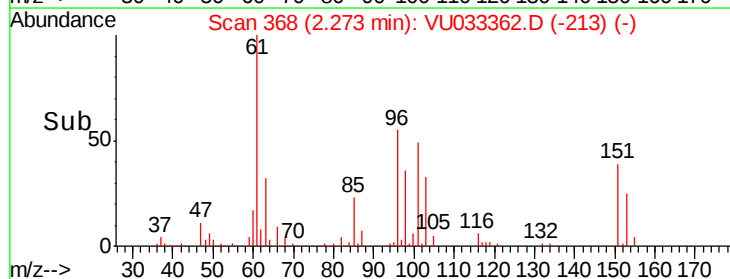
Abundance Ion 101.00 (100.70 to 101.70): V

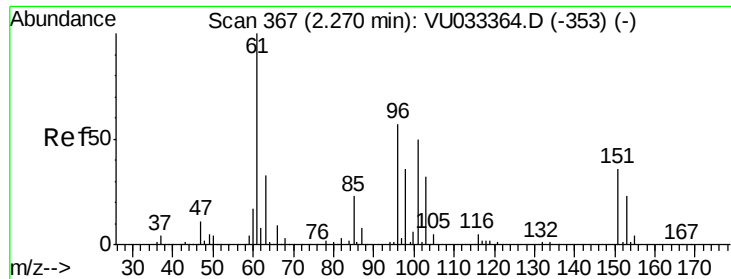
Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



Time-->





#9

1,1-Dichloroethene

Concen: 2.478 ug/l

RT: 2.27 min Scan# 367

Delta R.T. -0.00 min

Lab File: VU033362.D

Acq: 22 Jul 2019 20:08

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC002

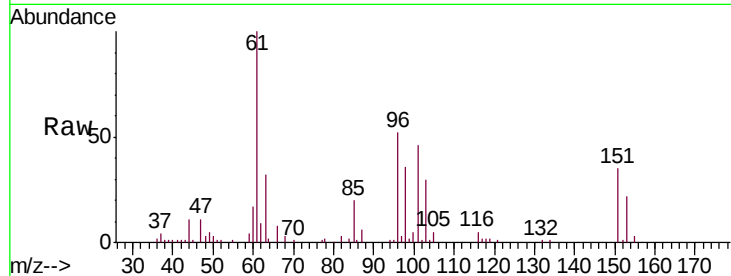
Tgt Ion: 96 Resp: 20850

Ion Ratio Lower Upper

96 100

61 191.0 0.0 525.6

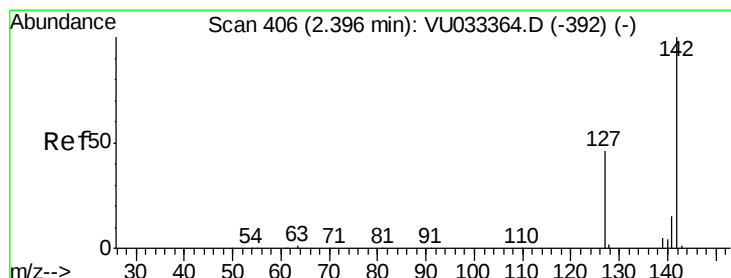
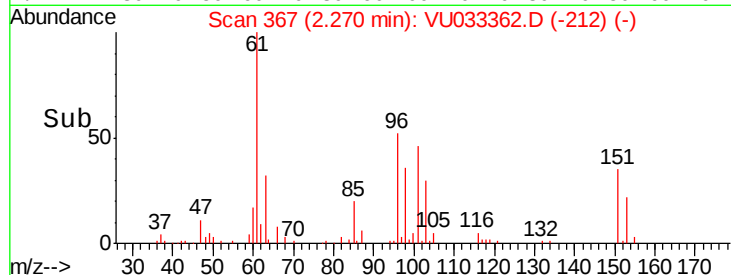
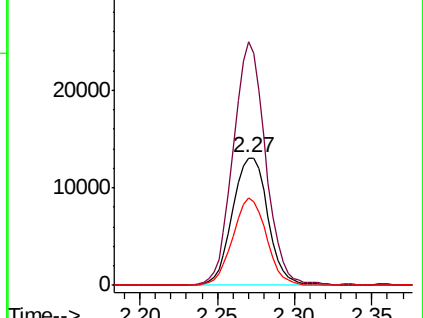
98 68.4 0.0 126.4



Abundance Ion 96.00 (95.70 to 96.70): VU033362.D (-212) (-)

Ion 61.00 (60.70 to 61.70): VU033362.D (-212) (-)

Ion 98.00 (97.70 to 98.70): VU033362.D (-212) (-)



#10

Iodomethane

Concen: 2.855 ug/l

RT: 2.40 min Scan# 406

Delta R.T. -0.00 min

Lab File: VU033362.D

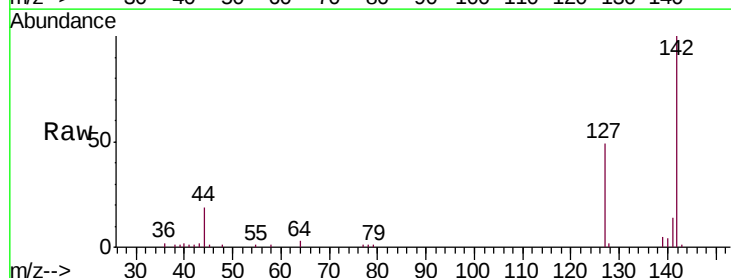
Acq: 22 Jul 2019 20:08

Tgt Ion: 142 Resp: 27470

Ion Ratio Lower Upper

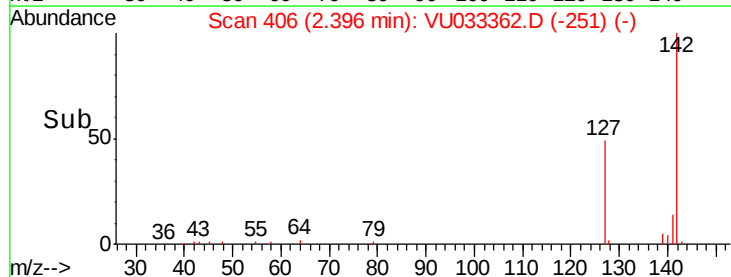
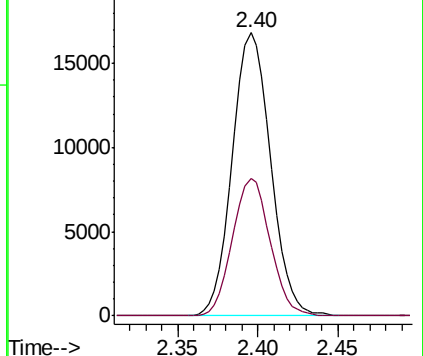
142 100

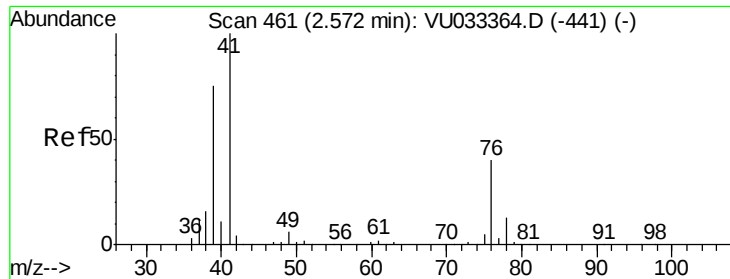
127 47.6 37.8 56.6



Abundance Ion 142.00 (141.70 to 142.70): VU033362.D (-251) (-)

Ion 127.00 (126.70 to 127.70): VU033362.D (-251) (-)

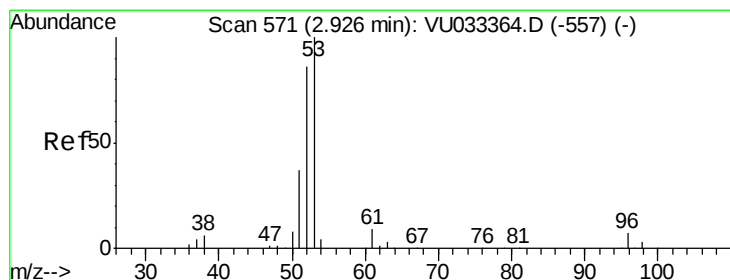
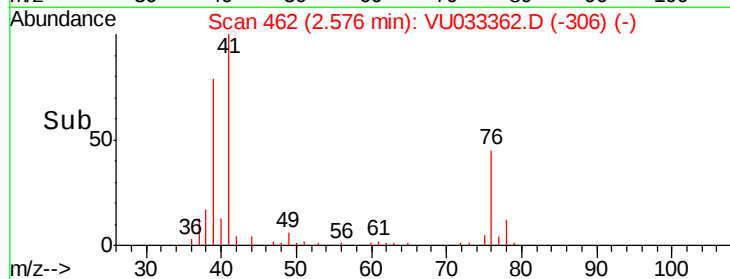
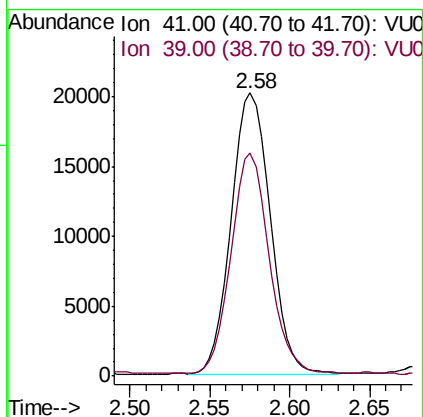
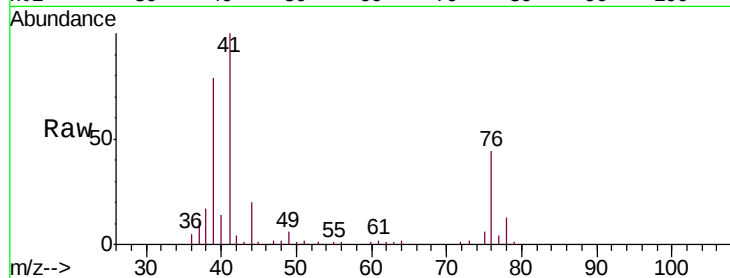




#11
 Allyl Chloride
 Concen: 1.899 ug/l
 RT: 2.58 min Scan# 462
 Delta R.T. 0.00 min
 Lab File: VU033362.D
 Acq: 22 Jul 2019 20:08

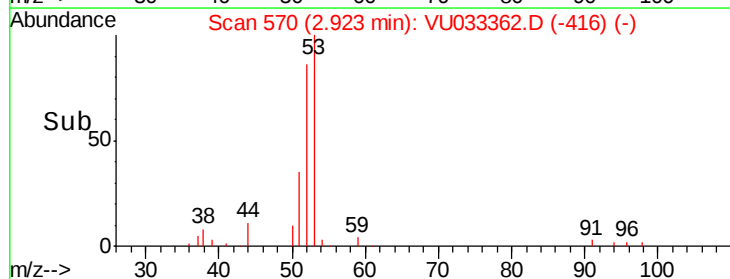
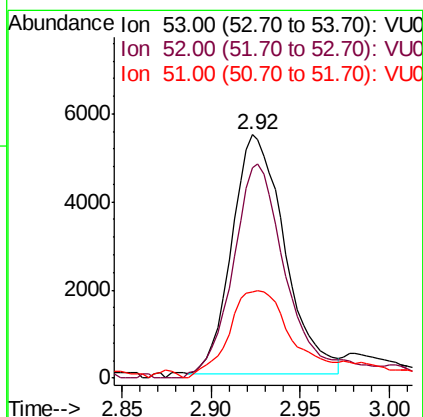
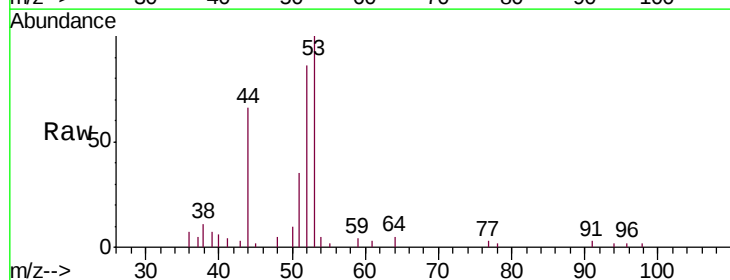
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC002

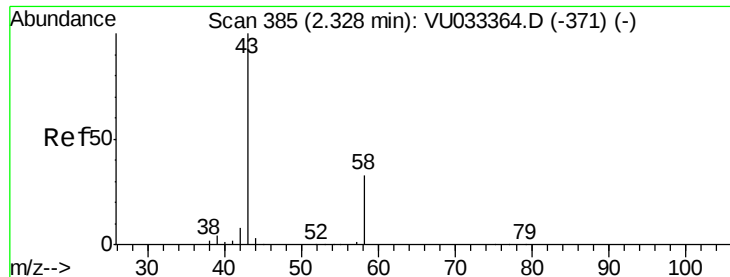
Tgt Ion: 41 Resp: 33389
 Ion Ratio Lower Upper
 41 100
 39 76.6 58.7 88.1



#12
 Acrylonitrile
 Concen: 4.433 ug/l
 RT: 2.92 min Scan# 570
 Delta R.T. -0.00 min
 Lab File: VU033362.D
 Acq: 22 Jul 2019 20:08

Tgt Ion: 53 Resp: 11145
 Ion Ratio Lower Upper
 53 100
 52 93.5 69.8 104.8
 51 49.9 29.1 43.7#





#13

Acetone

Concen: 10.441 ug/l

RT: 2.32 min Scan# 383

Delta R.T. -0.01 min

Lab File: VU033362.D

Acq: 22 Jul 2019 20:08

Instrument :

MSVOA_U

ClientSampleId :

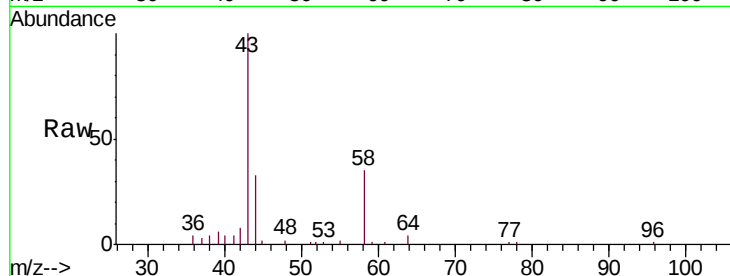
VSTDIC002

Tgt Ion: 43 Resp: 23631

Ion Ratio Lower Upper

43 100

58 36.0 26.3 39.5



Abundance Ion 43.00 (42.70 to 43.70): VU033362.D (-230) (-)

Ion 58.00 (57.70 to 58.70): VU033362.D (-230) (-)

2.32

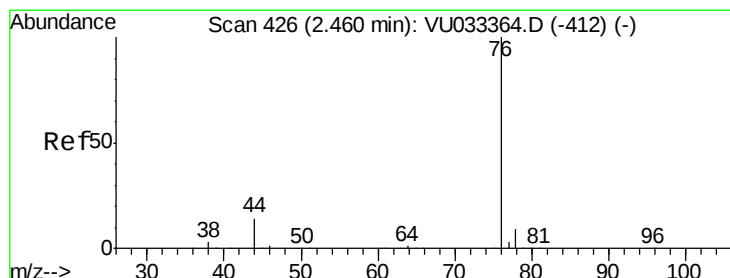
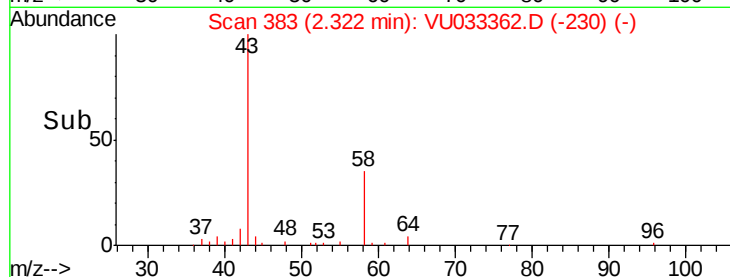
10000

5000

0

Time-->

2.25 2.30 2.35 2.40



#14

Carbon Disulfide

Concen: 2.454 ug/l

RT: 2.46 min Scan# 426

Delta R.T. -0.00 min

Lab File: VU033362.D

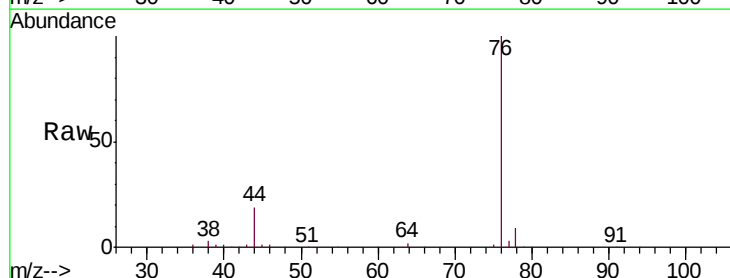
Acq: 22 Jul 2019 20:08

Tgt Ion: 76 Resp: 78997

Ion Ratio Lower Upper

76 100

78 9.2 7.1 10.7



Abundance Ion 76.00 (75.70 to 76.70): VU033362.D (-271) (-)

Ion 78.00 (77.70 to 78.70): VU033362.D (-271) (-)

2.46

50000

40000

30000

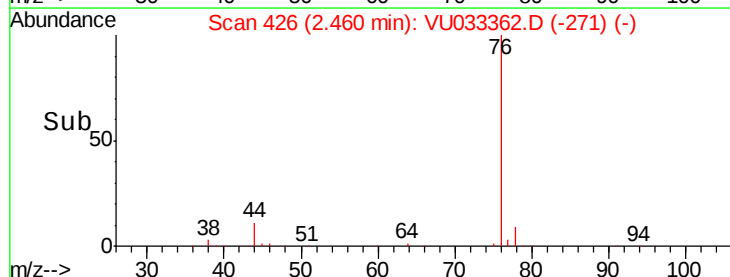
20000

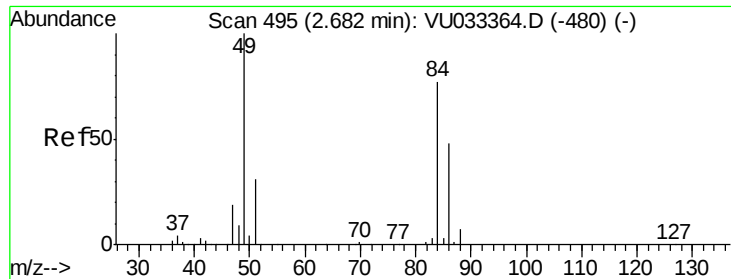
10000

0

Time-->

2.40 2.45 2.50 2.55

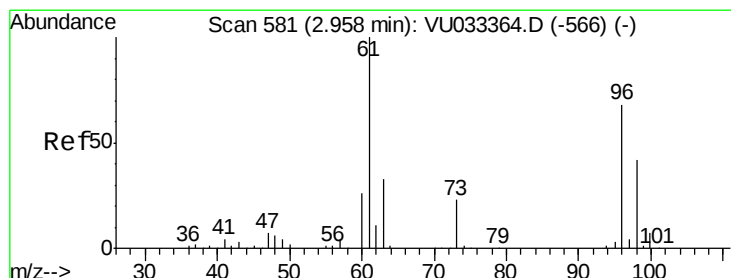
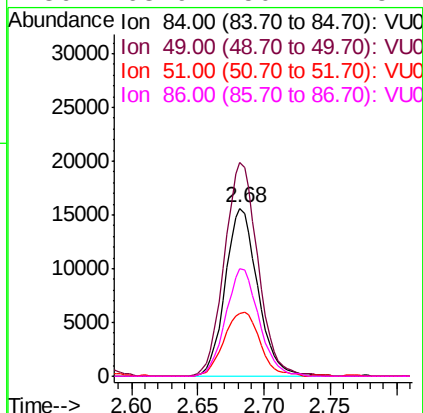
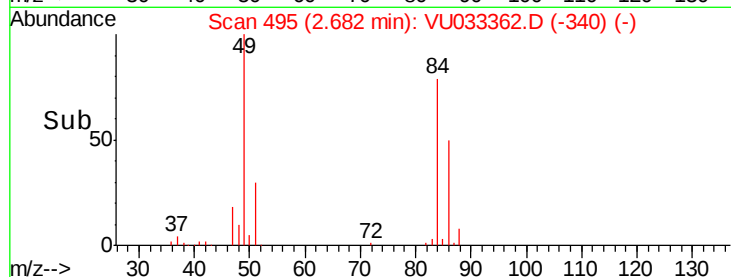
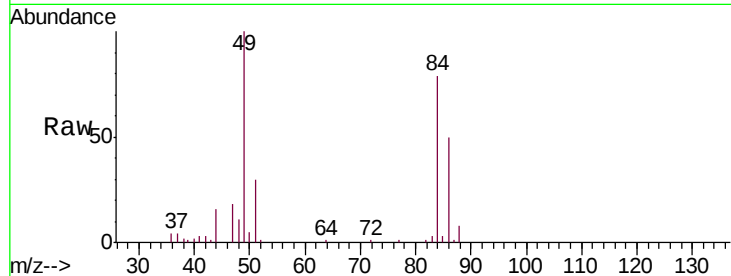




#15
Methylene Chloride
Concen: 2.496 ug/l
RT: 2.68 min Scan# 495
Delta R.T. -0.00 min
Lab File: VU033362.D
Acq: 22 Jul 2019 20:08

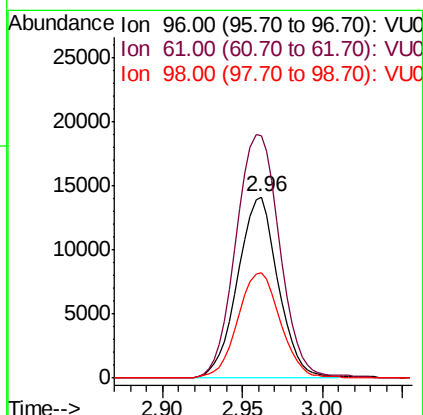
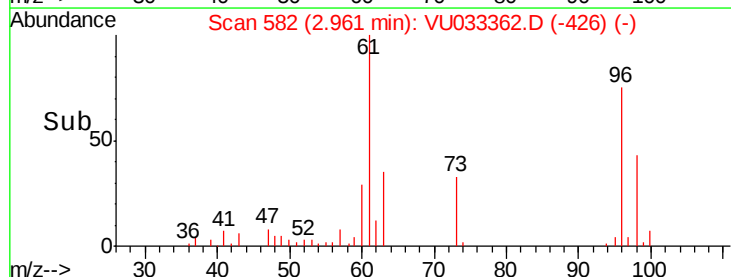
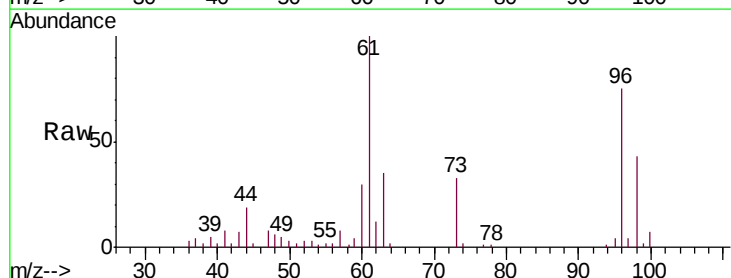
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

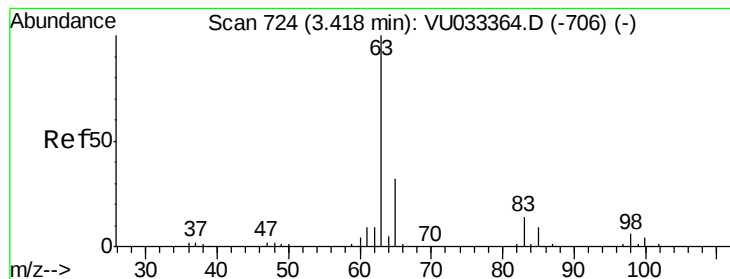
Tgt Ion:	84	Resp:	26667
Ion	Ratio	Lower	Upper
84	100		
49	127.2	103.5	155.3
51	37.6	0.0	80.4
86	63.9	50.1	75.1



#16
trans-1,2-Dichloroethene
Concen: 2.594 ug/l
RT: 2.96 min Scan# 582
Delta R.T. 0.00 min
Lab File: VU033362.D
Acq: 22 Jul 2019 20:08

Tgt Ion:	96	Resp:	24528
Ion	Ratio	Lower	Upper
96	100		
61	134.0	118.0	177.0
98	57.9	49.4	74.2





#17

1,1-Dichloroethane

Concen: 1.778 ug/l

RT: 3.42 min Scan# 724

Delta R.T. -0.00 min

Lab File: VU033362.D

Acq: 22 Jul 2019 20:08

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC002

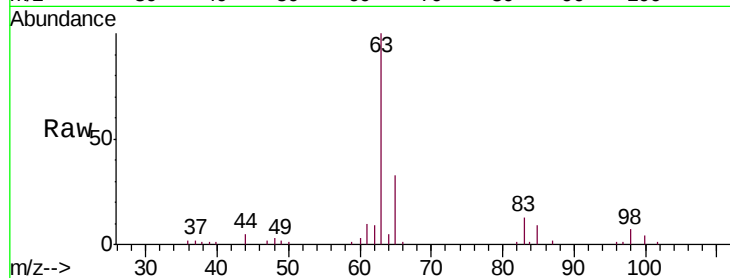
Tgt Ion: 63 Resp: 32781

Ion Ratio Lower Upper

63 100

98 6.6 3.2 9.6

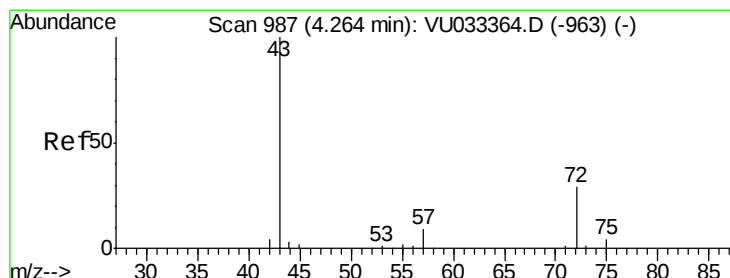
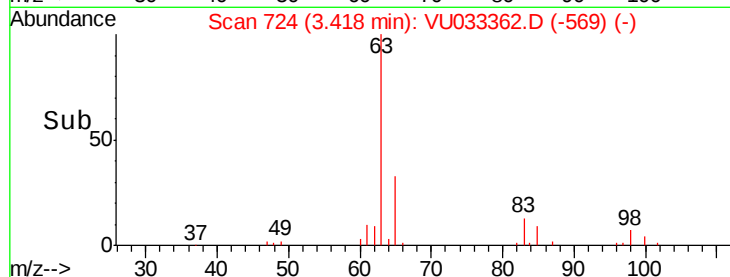
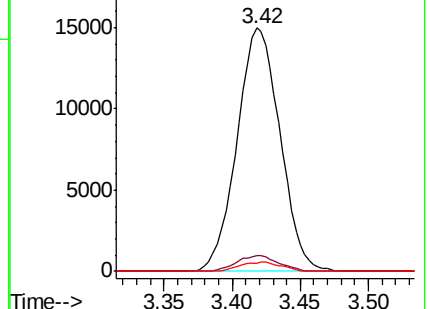
100 3.6 2.1 6.2



Abundance Ion 63.00 (62.70 to 63.70): VU033362.D (-569) (-)

Ion 98.00 (97.70 to 98.70): VU033362.D (-569) (-)

Ion 100.00 (99.70 to 100.70): VU033362.D (-569) (-)



#18

2-Butanone

Concen: 8.246 ug/l

RT: 4.26 min Scan# 987

Delta R.T. -0.00 min

Lab File: VU033362.D

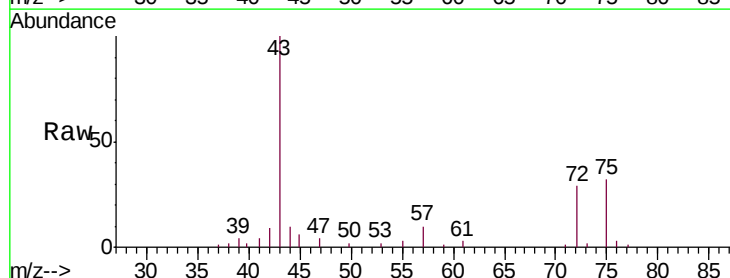
Acq: 22 Jul 2019 20:08

Tgt Ion: 43 Resp: 23238

Ion Ratio Lower Upper

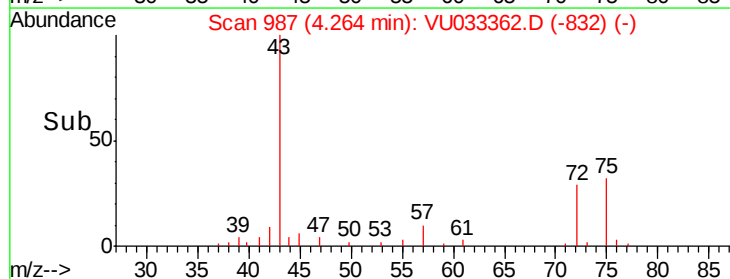
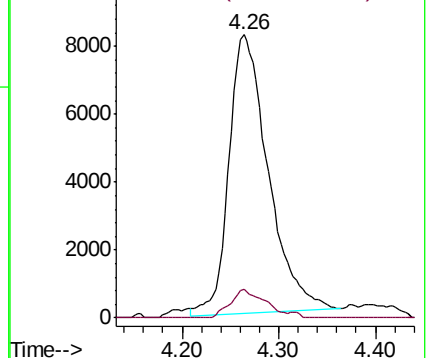
43 100

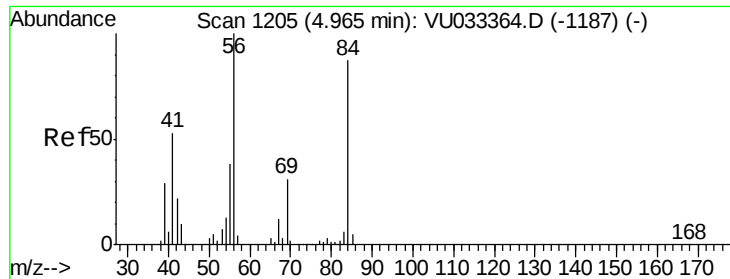
57 10.3 0.0 17.0



Abundance Ion 43.00 (42.70 to 43.70): VU033362.D (-832) (-)

Ion 57.00 (56.70 to 57.70): VU033362.D (-832) (-)

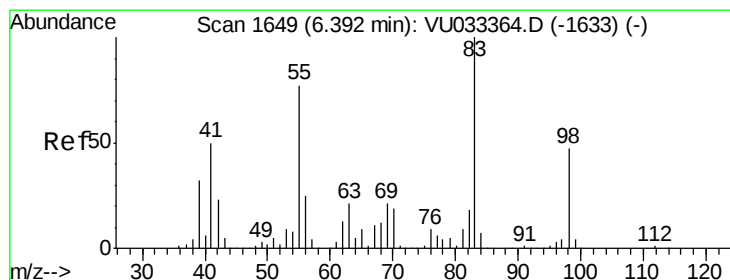
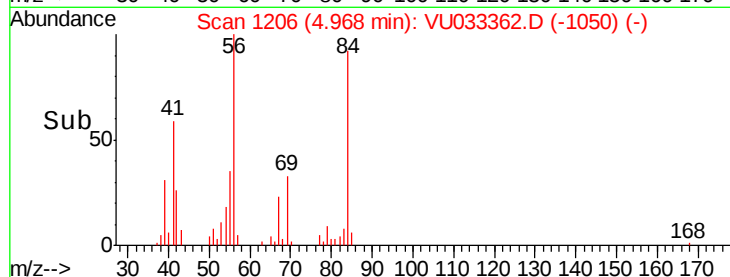
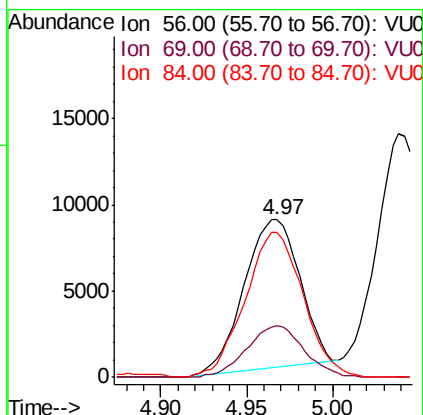
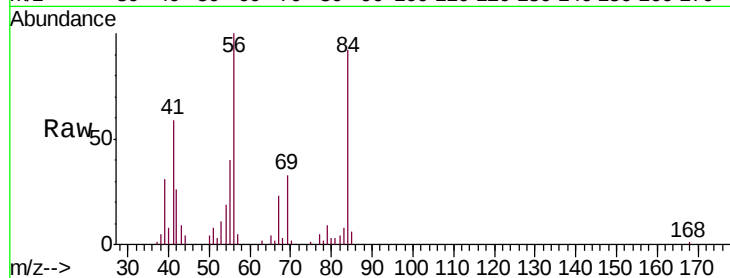




#19
Cyclohexane
Concen: 1.388 ug/l
RT: 4.97 min Scan# 1206
Delta R.T. 0.00 min
Lab File: VU033362.D
Acq: 22 Jul 2019 20:08

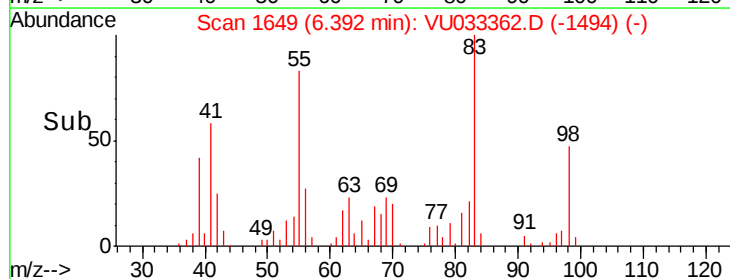
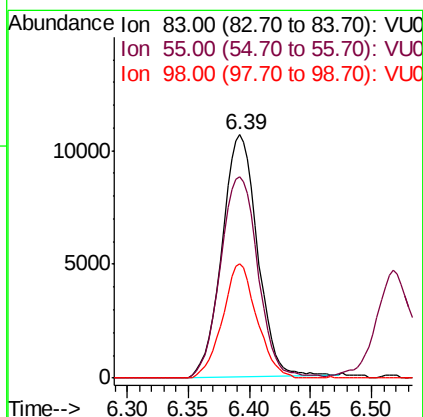
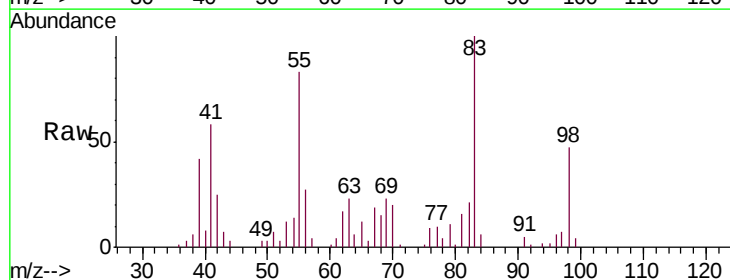
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

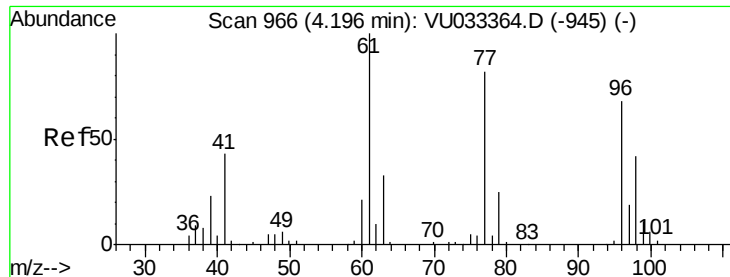
Tgt Ion: 56 Resp: 19479
Ion Ratio Lower Upper
56 100
69 35.7 25.0 37.4
84 101.3 69.8 104.6



#20
Methylcyclohexane
Concen: 1.864 ug/l
RT: 6.39 min Scan# 1649
Delta R.T. -0.00 min
Lab File: VU033362.D
Acq: 22 Jul 2019 20:08

Tgt Ion: 83 Resp: 21685
Ion Ratio Lower Upper
83 100
55 86.6 62.3 93.5
98 45.5 37.4 56.0





#21

2,2-Dichloropropane

Concen: 2.011 ug/l

RT: 4.20 min Scan# 966

Delta R.T. -0.00 min

Lab File: VU033362.D

Acq: 22 Jul 2019 20:08

Instrument :

MSVOA_U

ClientSampleId :

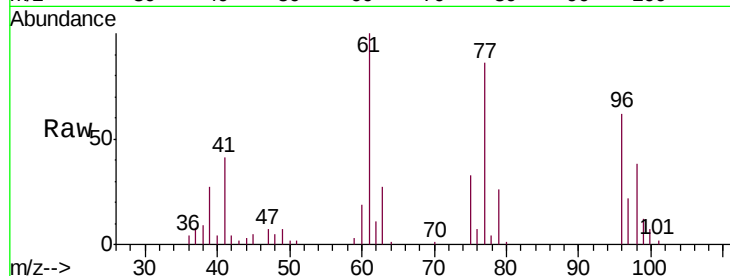
VSTDIC002

Tgt Ion: 77 Resp: 27483

Ion Ratio Lower Upper

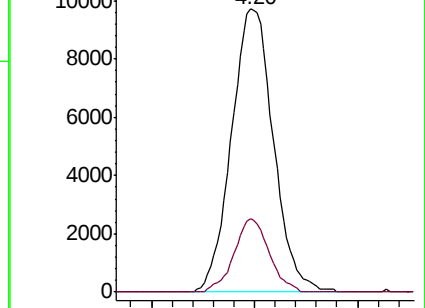
77 100

97 21.7 17.8 26.8

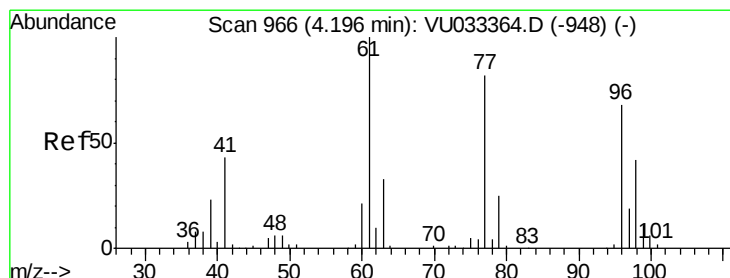
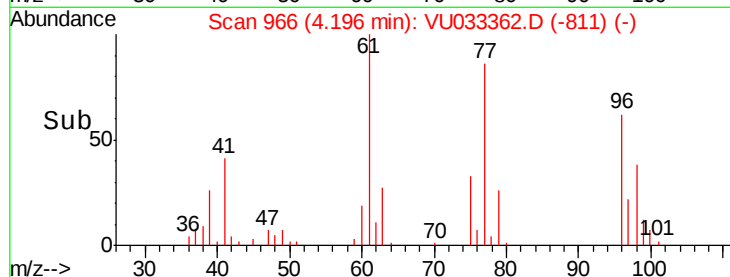


Abundance Ion 77.00 (76.70 to 77.70): VU033364.D (-945) (-)

Ion 97.00 (96.70 to 97.70): VU033364.D (-945) (-)



Time-->



#22

cis-1,2-Dichloroethene

Concen: 1.855 ug/l

RT: 4.20 min Scan# 967

Delta R.T. 0.00 min

Lab File: VU033362.D

Acq: 22 Jul 2019 20:08

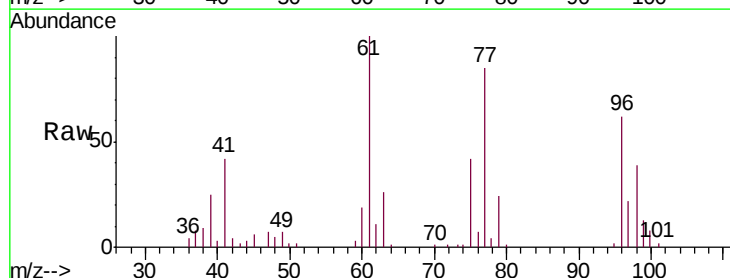
Tgt Ion: 96 Resp: 17816

Ion Ratio Lower Upper

96 100

61 157.8 0.0 376.3

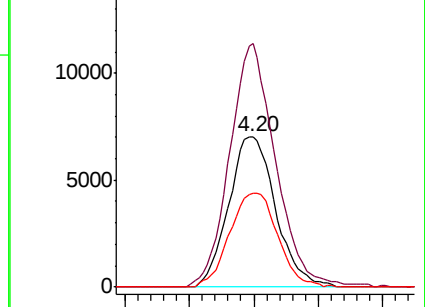
98 63.5 31.9 95.9



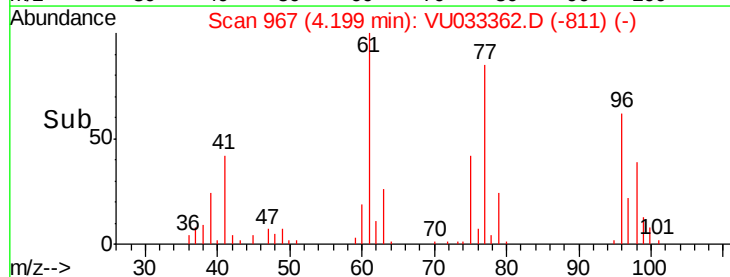
Abundance Ion 96.00 (95.70 to 96.70): VU033362.D (-811) (-)

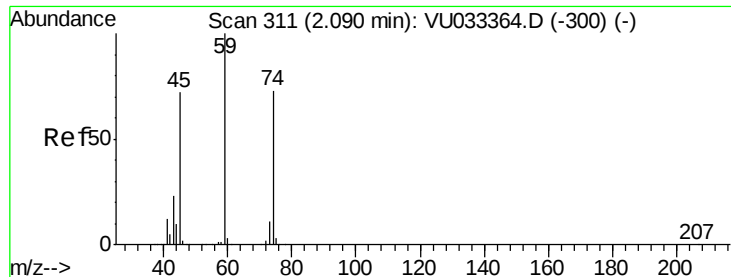
Ion 61.00 (60.70 to 61.70): VU033362.D (-811) (-)

Ion 98.00 (97.70 to 98.70): VU033362.D (-811) (-)



Time-->

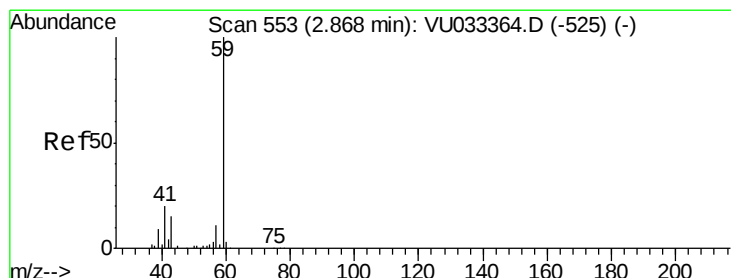
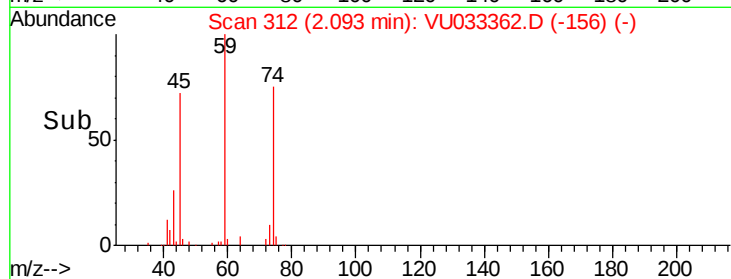
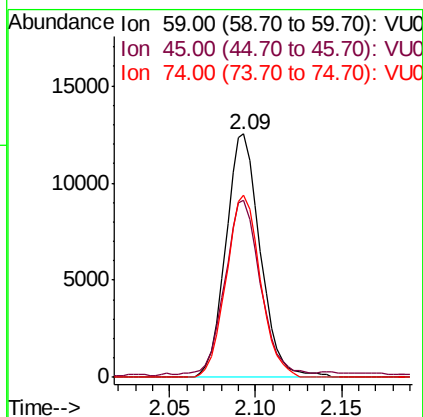
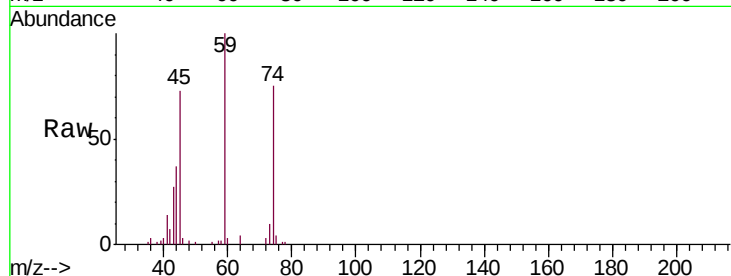




#23
Diethyl Ether
Concen: 2.216 ug/l
RT: 2.09 min Scan# 312
Delta R.T. 0.00 min
Lab File: VU033362.D
Acq: 22 Jul 2019 20:08

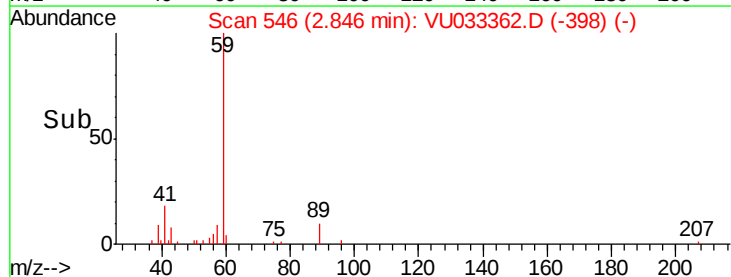
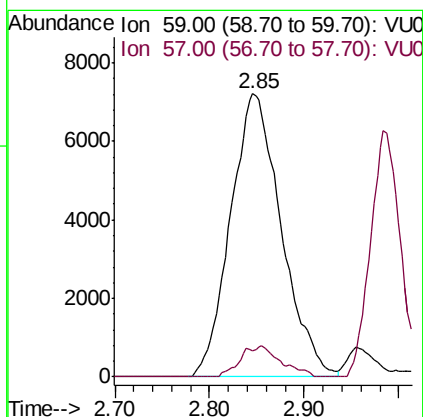
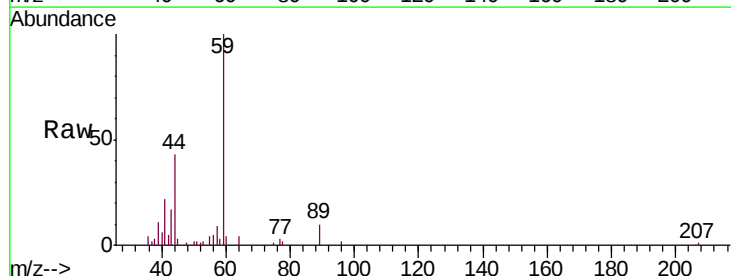
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

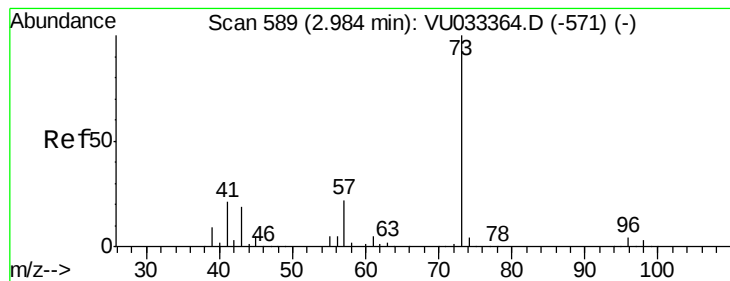
Tgt Ion: 59 Resp: 17568
Ion Ratio Lower Upper
59 100
45 72.8 57.6 86.4
74 74.2 57.8 86.6



#24
tert-Butyl Alcohol
Concen: 31.145 ug/l
RT: 2.85 min Scan# 546
Delta R.T. -0.02 min
Lab File: VU033362.D
Acq: 22 Jul 2019 20:08

Tgt Ion: 59 Resp: 26834
Ion Ratio Lower Upper
59 100
57 3.1 7.8 11.8#





#25

Methyl tert-Butyl Ether

Concen: 2.437 ug/l

RT: 2.99 min Scan# 590

Delta R.T. 0.00 min

Lab File: VU033362.D

Acq: 22 Jul 2019 20:08

Instrument :

MSVOA_U

ClientSampleId :

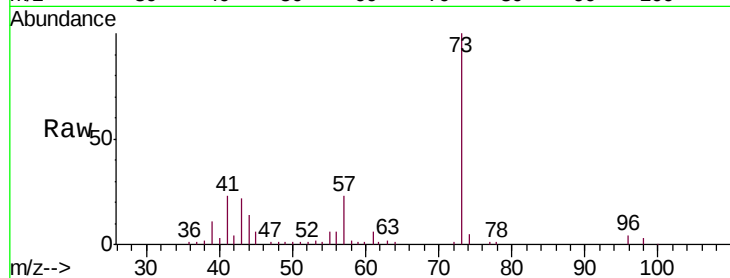
VSTDIC002

Tgt Ion: 73 Resp: 59532

Ion Ratio Lower Upper

73 100

43 20.6 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) (-)

2.99

30000

25000

20000

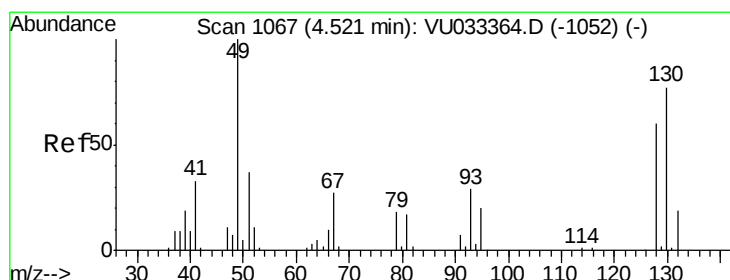
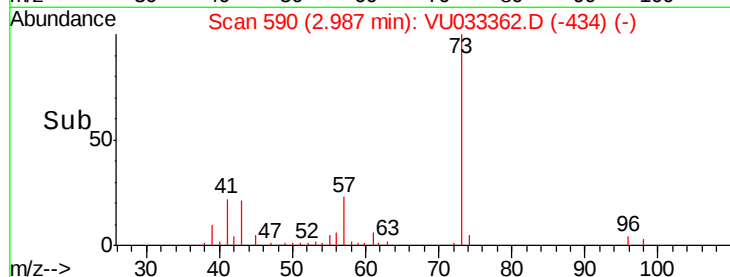
15000

10000

5000

0

Time-->



#26

Bromochloromethane

Concen: 2.017 ug/l

RT: 4.53 min Scan# 1069

Delta R.T. 0.01 min

Lab File: VU033362.D

Acq: 22 Jul 2019 20:08

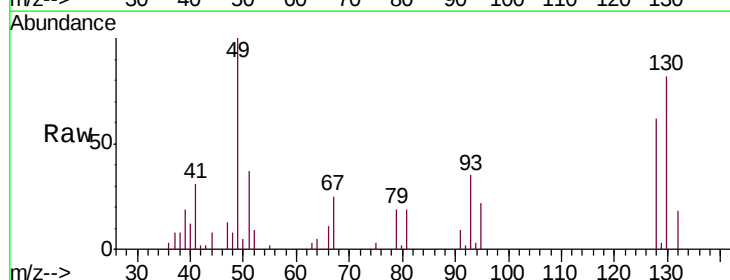
Tgt Ion: 128 Resp: 8225

Ion Ratio Lower Upper

128 100

49 164.3 0.0 333.4

130 133.8 103.4 155.2



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) (-)

8000

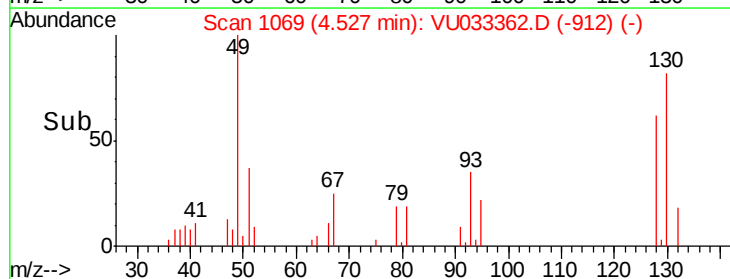
6000

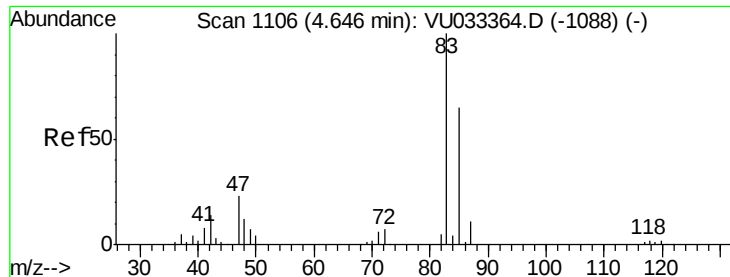
4000

2000

0

Time-->

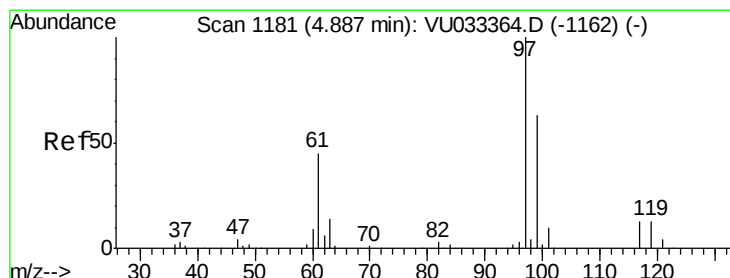
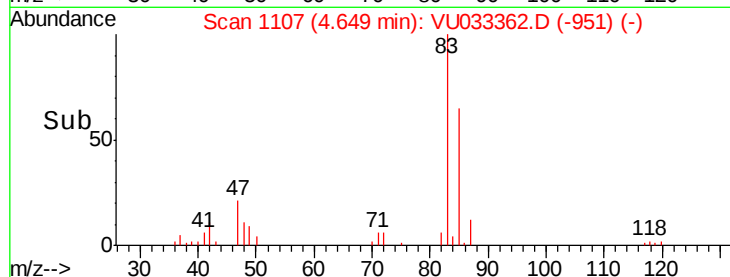
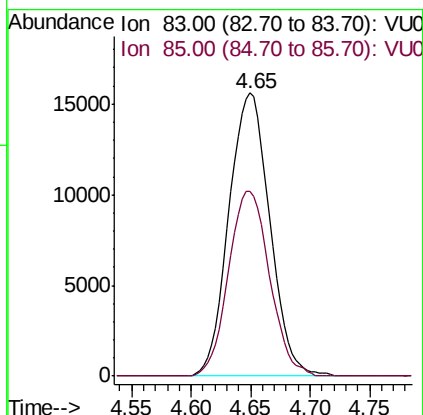
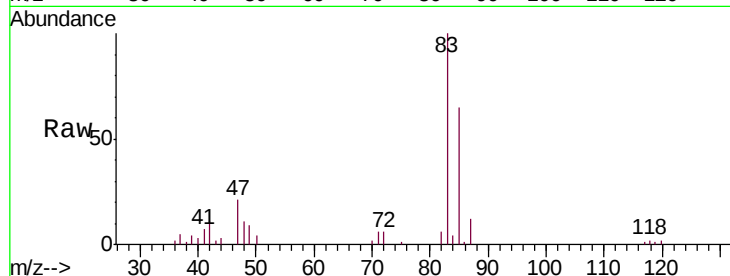




#27
Chloroform
Concen: 2.139 ug/l
RT: 4.65 min Scan# 1107
Delta R.T. 0.00 min
Lab File: VU033362.D
Acq: 22 Jul 2019 20:08

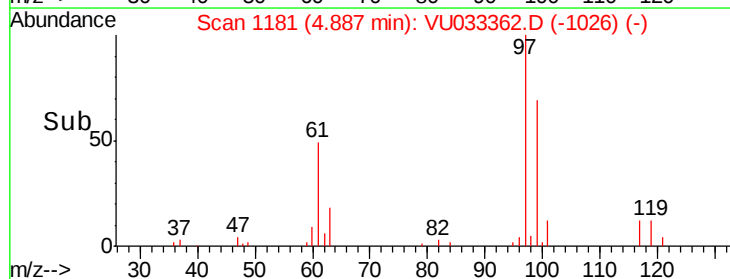
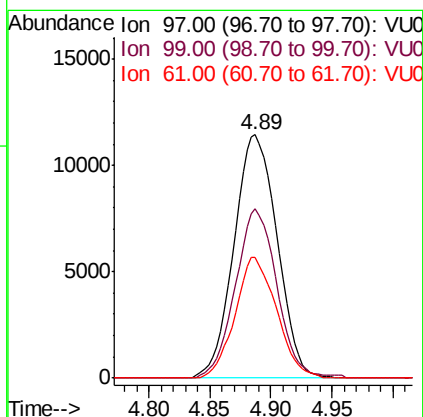
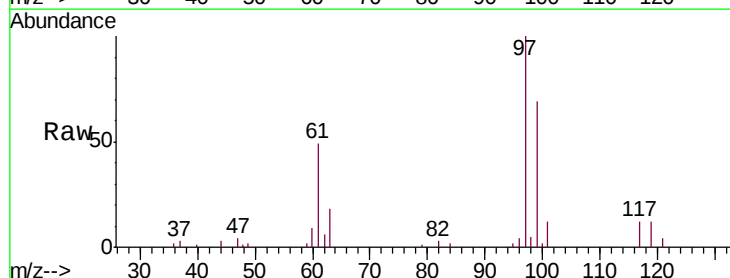
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

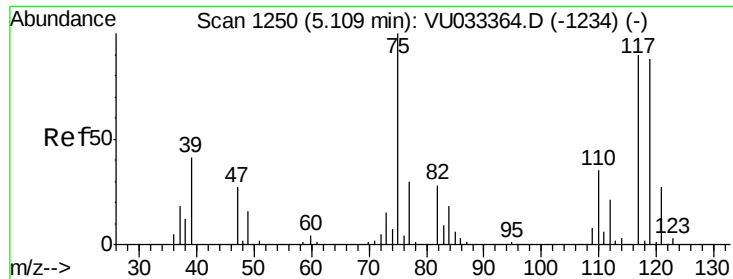
Tgt Ion: 83 Resp: 37230
Ion Ratio Lower Upper
83 100
85 65.2 0.0 129.8



#28
1,1,1-Trichloroethane
Concen: 1.908 ug/l
RT: 4.89 min Scan# 1181
Delta R.T. -0.00 min
Lab File: VU033362.D
Acq: 22 Jul 2019 20:08

Tgt Ion: 97 Resp: 28084
Ion Ratio Lower Upper
97 100
99 66.6 31.9 95.5
61 47.5 22.7 68.0





#29

1,1-Dichloropropene

Concen: 1.861 ug/l

RT: 5.11 min Scan# 1250

Delta R.T. -0.00 min

Lab File: VU033362.D

Acq: 22 Jul 2019 20:08

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC002

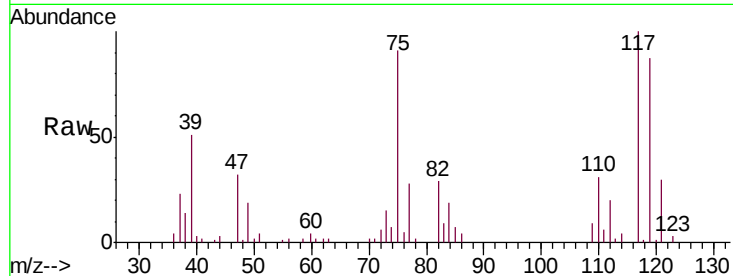
Tgt Ion: 75 Resp: 21992

Ion Ratio Lower Upper

75 100

110 35.6 17.5 52.6

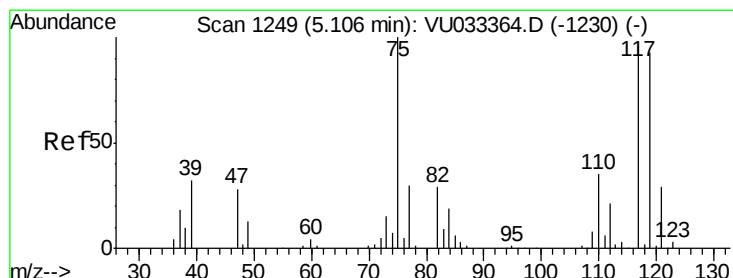
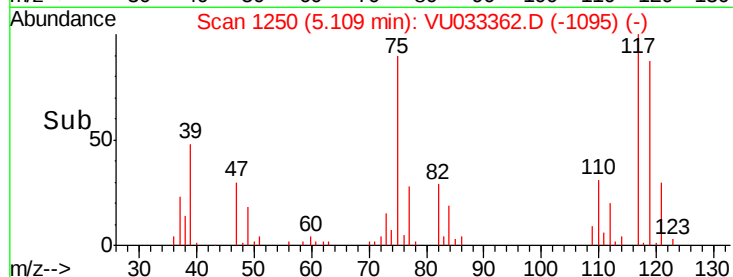
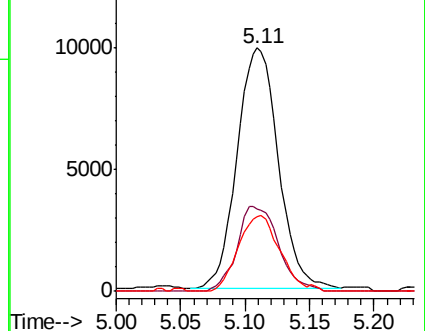
77 31.3 25.1 37.7



Abundance Ion 75.00 (74.70 to 75.70): VU033364.D (-1234) (-)

Ion 110.00 (109.70 to 110.70): VU033364.D (-1234) (-)

Ion 77.00 (76.70 to 77.70): VU033364.D (-1234) (-)



#30

Carbon Tetrachloride

Concen: 2.037 ug/l

RT: 5.11 min Scan# 1249

Delta R.T. -0.00 min

Lab File: VU033362.D

Acq: 22 Jul 2019 20:08

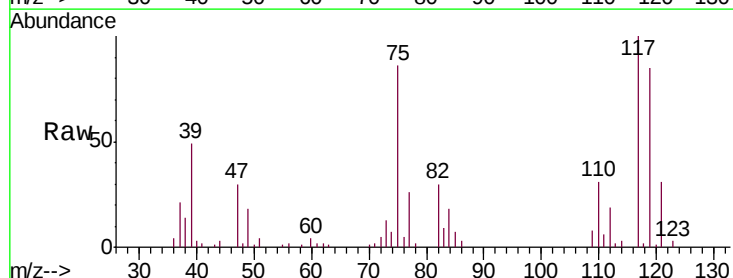
Tgt Ion: 117 Resp: 25663

Ion Ratio Lower Upper

117 100

119 84.9 77.9 116.9

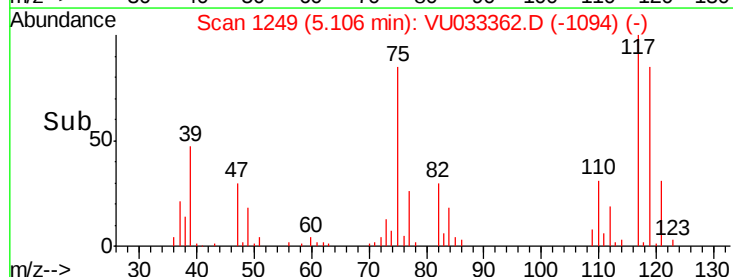
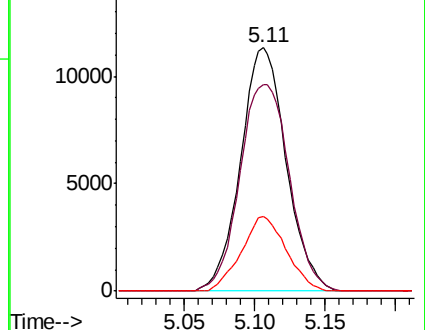
121 30.6 24.0 36.0

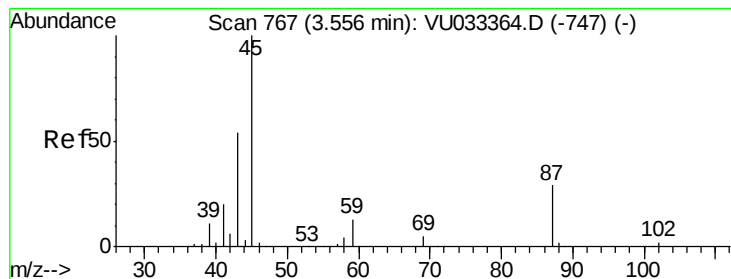


Abundance Ion 117.00 (116.70 to 117.70): VU033364.D (-1230) (-)

Ion 119.00 (118.70 to 119.70): VU033364.D (-1230) (-)

Ion 121.00 (120.70 to 121.70): VU033364.D (-1230) (-)





#31

Isopropyl Ether

Concen: 1.466 ug/l

RT: 3.56 min Scan# 768

Delta R.T. 0.00 min

Lab File: VU033362.D

Acq: 22 Jul 2019 20:08

Instrument :

MSVOA_U

ClientSampleId :

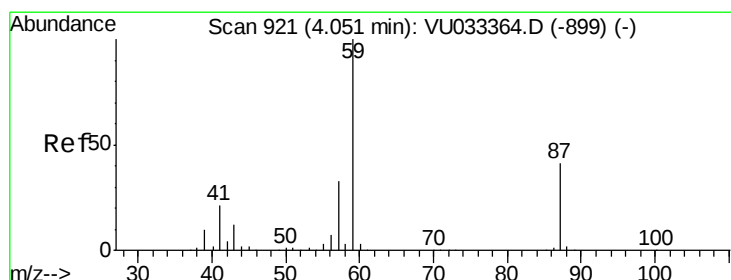
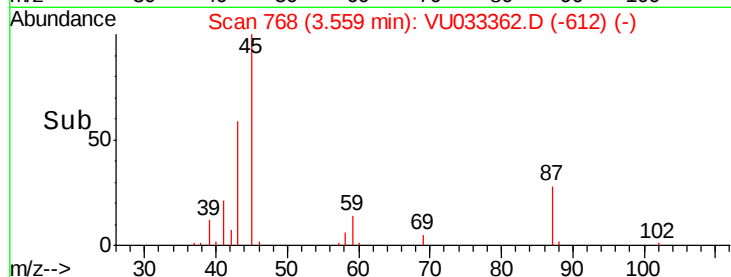
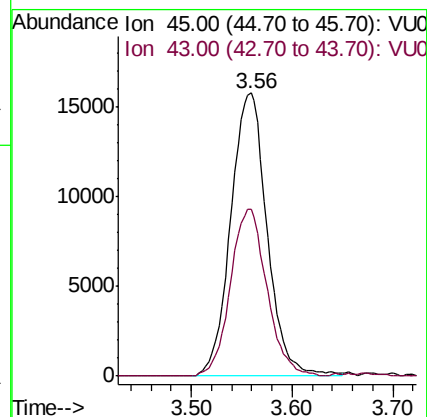
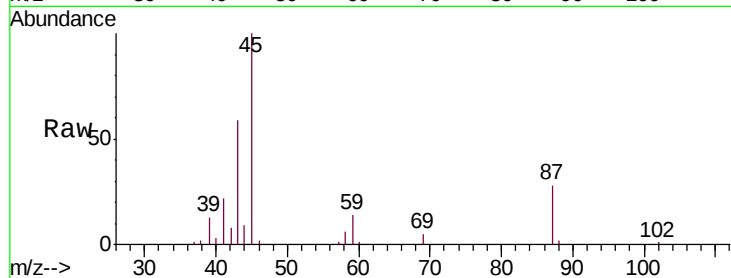
VSTDIC002

Tgt Ion: 45 Resp: 39514

Ion Ratio Lower Upper

45 100

43 59.1 27.8 83.3



#32

Ethyl-t-butyl ether

Concen: 1.624 ug/l

RT: 4.05 min Scan# 921

Delta R.T. -0.00 min

Lab File: VU033362.D

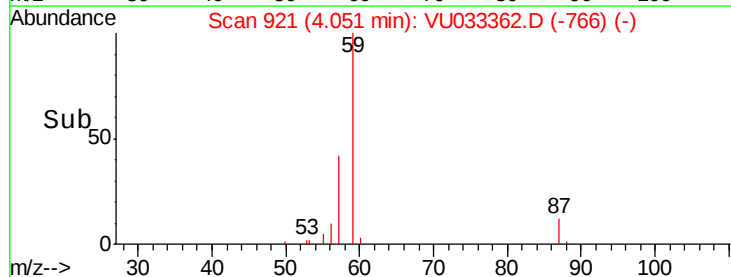
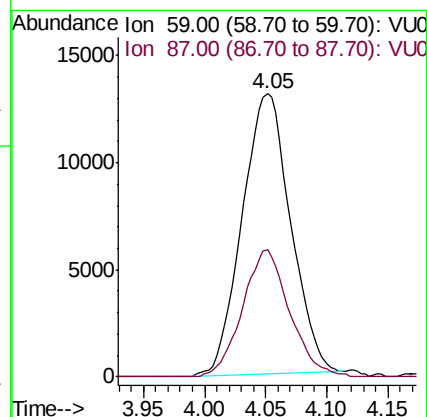
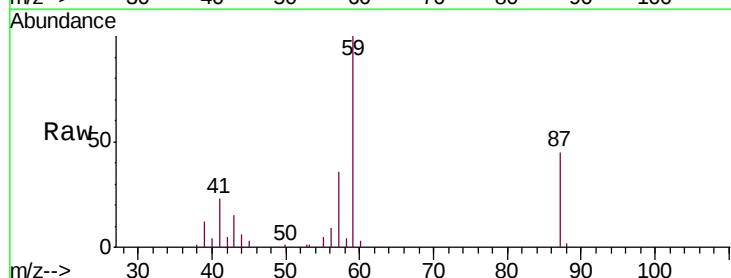
Acq: 22 Jul 2019 20:08

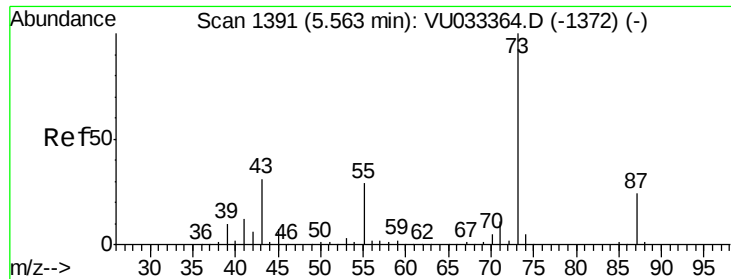
Tgt Ion: 59 Resp: 36229

Ion Ratio Lower Upper

59 100

87 43.9 33.8 50.6

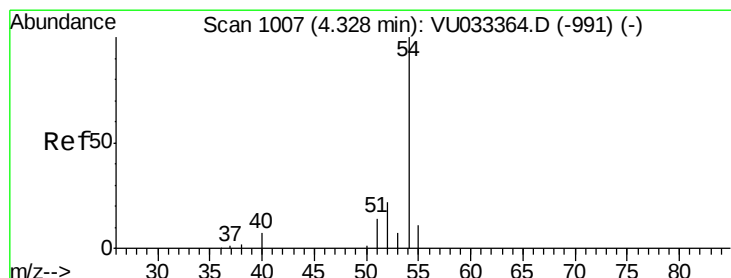
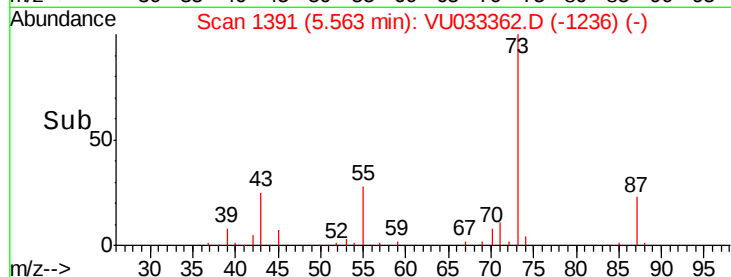
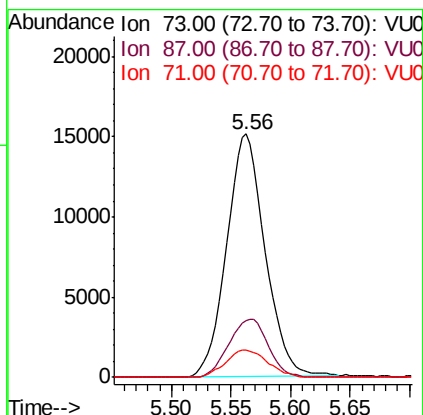
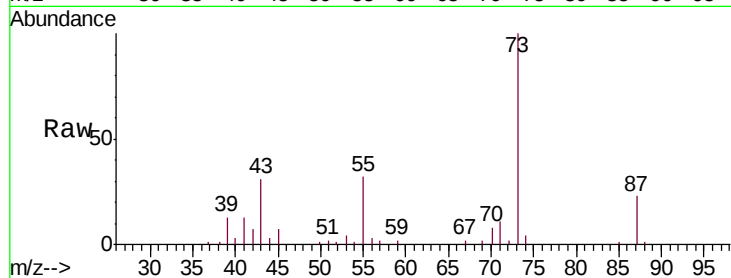




#33
Tert-Amyl methyl ether
Concen: 1.866 ug/l
RT: 5.56 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VU033362.D
Acq: 22 Jul 2019 20:08

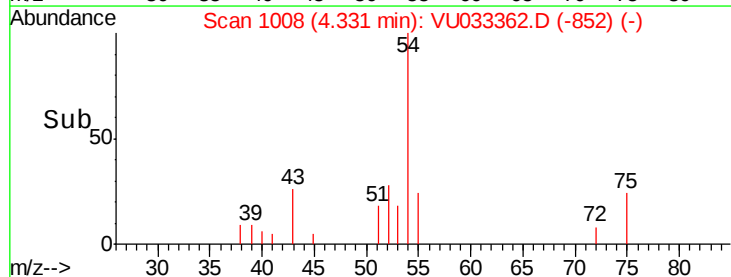
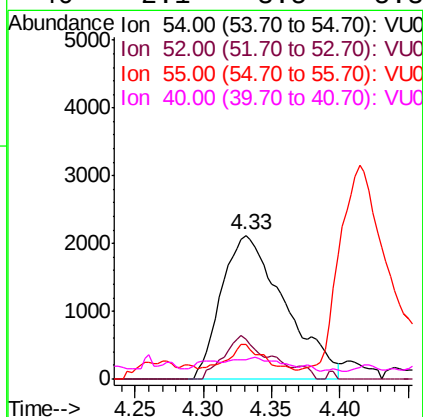
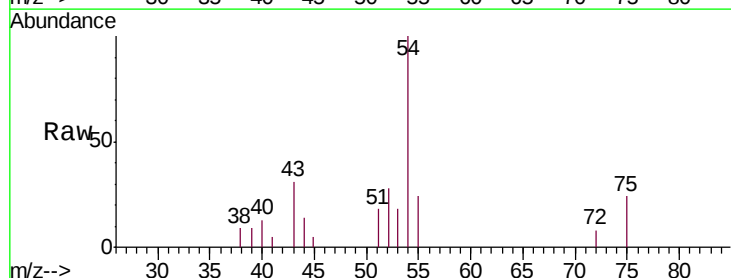
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

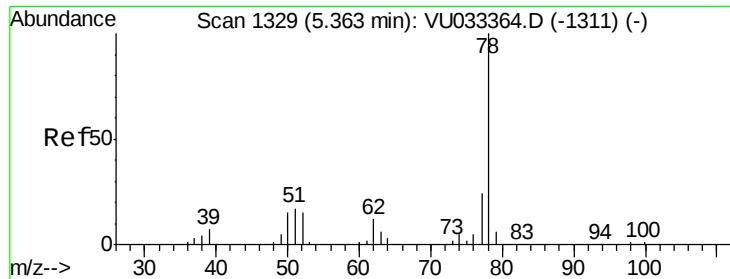
Tgt Ion: 73 Resp: 33803
Ion Ratio Lower Upper
73 100
87 24.5 18.9 28.3
71 12.3 9.3 13.9



#34
Propionitrile
Concen: 8.886 ug/l
RT: 4.33 min Scan# 1008
Delta R.T. 0.00 min
Lab File: VU033362.D
Acq: 22 Jul 2019 20:08

Tgt Ion: 54 Resp: 6824
Ion Ratio Lower Upper
54 100
52 20.6 17.1 25.7
55 9.2 11.6 17.4#
40 2.1 3.5 5.3#





#35

Benzene

Concen: 1.877 ug/l

RT: 5.37 min Scan# 1330

Delta R.T. 0.00 min

Lab File: VU033362.D

Acq: 22 Jul 2019 20:08

Instrument :

MSVOA_U

ClientSampleId :

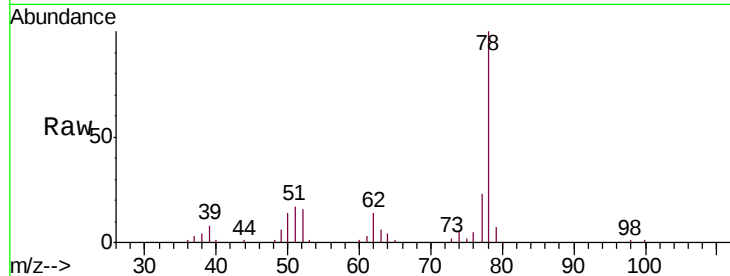
VSTDIC002

Tgt Ion: 78 Resp: 67718

Ion Ratio Lower Upper

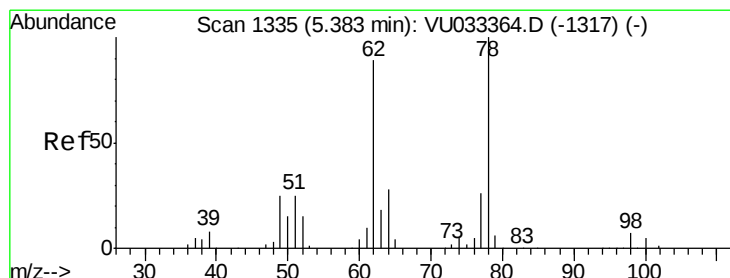
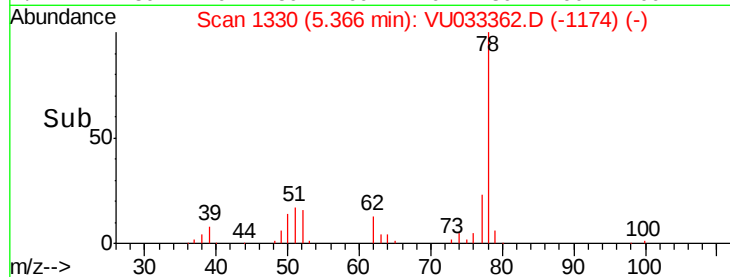
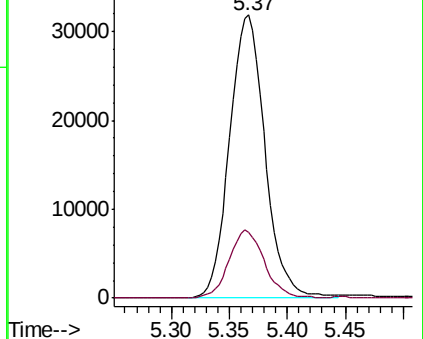
78 100

77 23.3 19.4 29.2



Abundance Ion 78.10 (77.80 to 78.80): VU033362.D (-1174) (-)

Ion 77.00 (76.70 to 77.70): VU033362.D (-1174) (-)



#36

1,2-Dichloroethane

Concen: 1.958 ug/l

RT: 5.38 min Scan# 1335

Delta R.T. -0.00 min

Lab File: VU033362.D

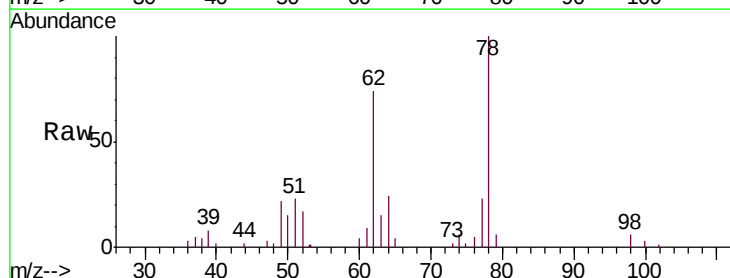
Acq: 22 Jul 2019 20:08

Tgt Ion: 62 Resp: 23191

Ion Ratio Lower Upper

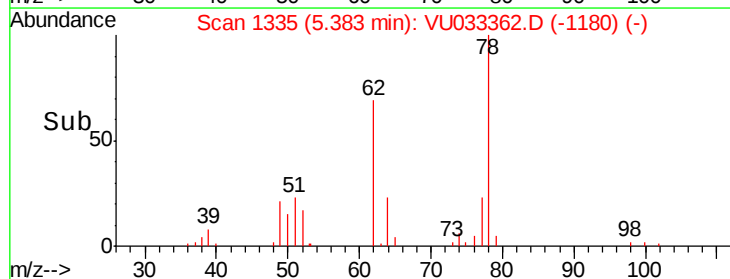
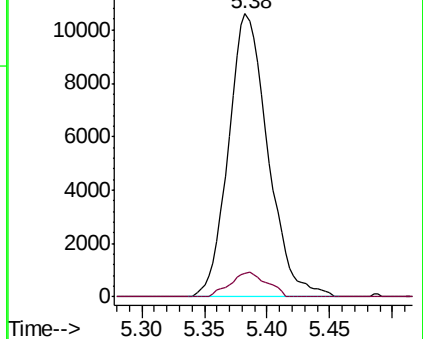
62 100

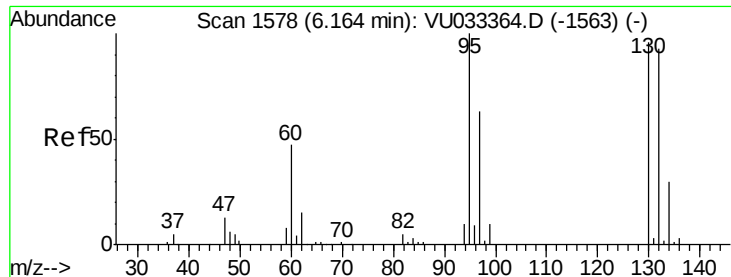
98 8.1 6.5 9.7



Abundance Ion 62.00 (61.70 to 62.70): VU033362.D (-1180) (-)

Ion 98.00 (97.70 to 98.70): VU033362.D (-1180) (-)

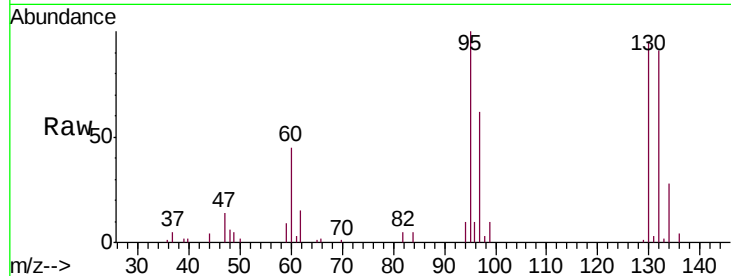




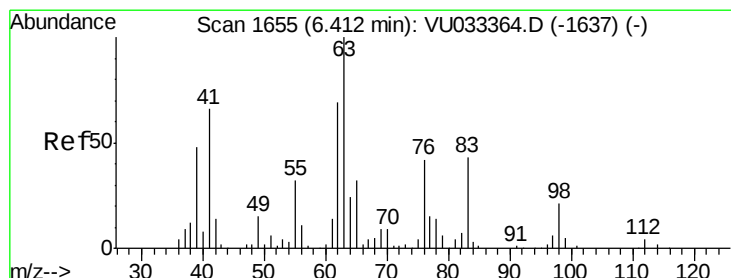
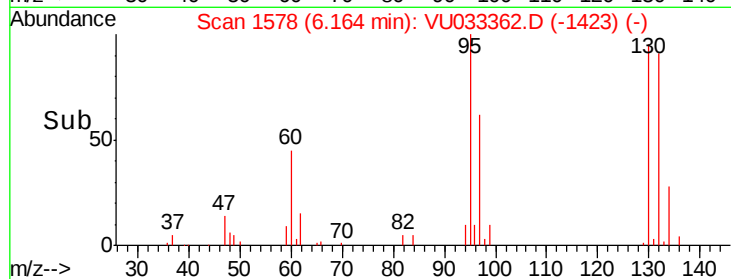
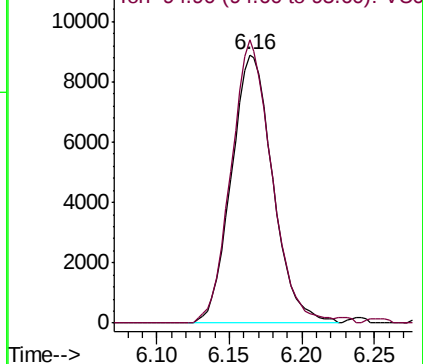
#37
 Trichloroethene
 Concen: 1.973 ug/l
 RT: 6.16 min Scan# 1578
 Delta R.T. -0.00 min
 Lab File: VU033362.D
 Acq: 22 Jul 2019 20:08

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC002

Tgt Ion: 130 Resp: 17691
 Ion Ratio Lower Upper
 130 100
 95 105.5 83.4 125.0

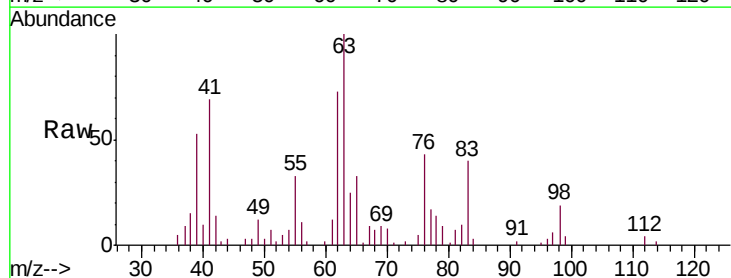


Abundance Ion 129.90 (129.60 to 130.60): VU033364.D (-1563) (-)
 Ion 94.90 (94.60 to 95.60): VU033364.D (-1563) (-)

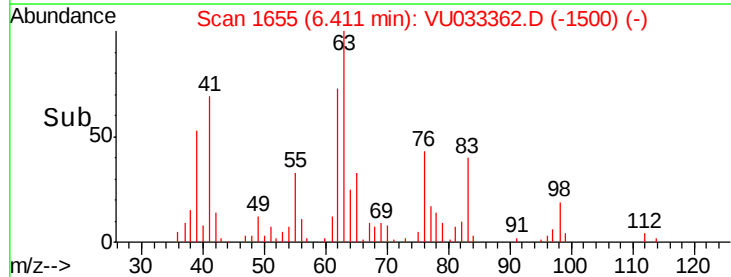
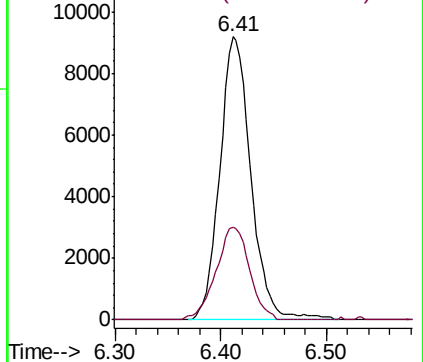


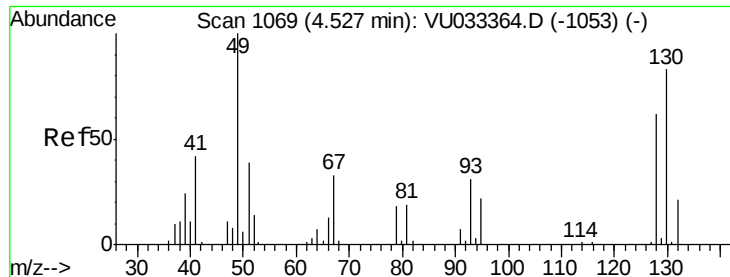
#38
 1,2-Dichloropropane
 Concen: 1.848 ug/l
 RT: 6.41 min Scan# 1655
 Delta R.T. -0.00 min
 Lab File: VU033362.D
 Acq: 22 Jul 2019 20:08

Tgt Ion: 63 Resp: 18791
 Ion Ratio Lower Upper
 63 100
 65 32.9 25.7 38.5



Abundance Ion 63.00 (62.70 to 63.70): VU033364.D (-1637) (-)
 Ion 65.00 (64.70 to 65.70): VU033364.D (-1637) (-)

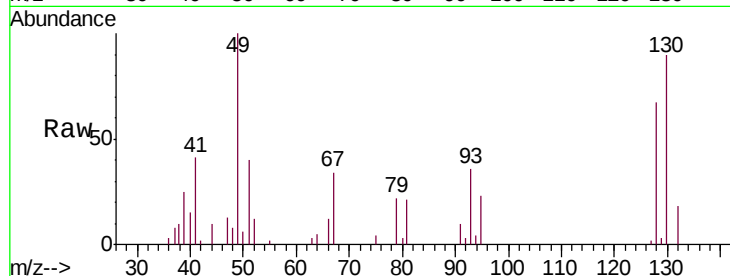




#39
Methacrylonitrile
Concen: 1.573 ug/l
RT: 4.53 min Scan# 1070
Delta R.T. 0.00 min
Lab File: VU033362.D
Acq: 22 Jul 2019 20:08

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

Tgt Ion:	41	Resp:	4943
Ion	Ratio	Lower	Upper
41	100		
67	81.3	64.4	96.6
39	64.0	46.8	70.2
52	35.1	28.6	42.8



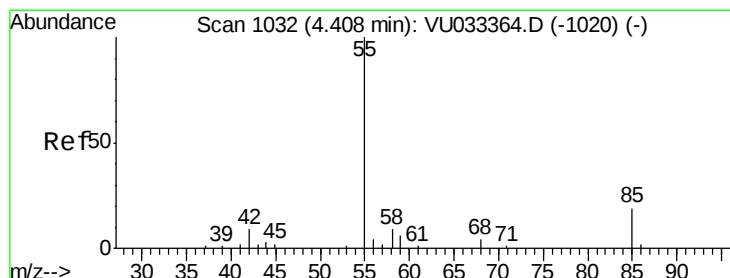
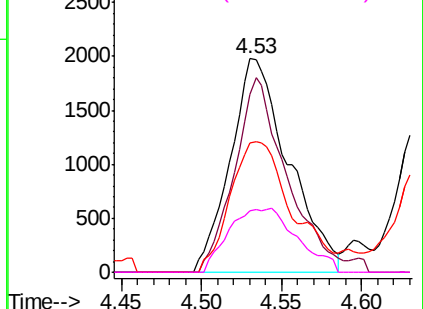
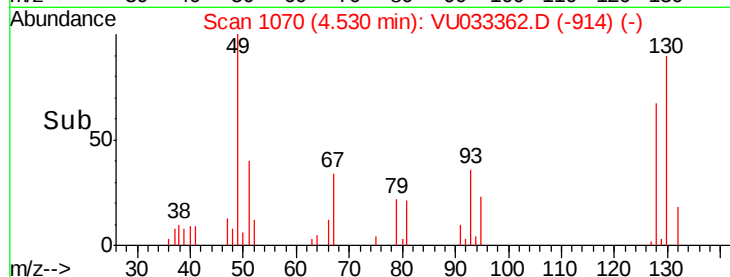
Abundance

Ion 41.00 (40.70 to 41.70): VU0

Ion 67.00 (66.70 to 67.70): VU0

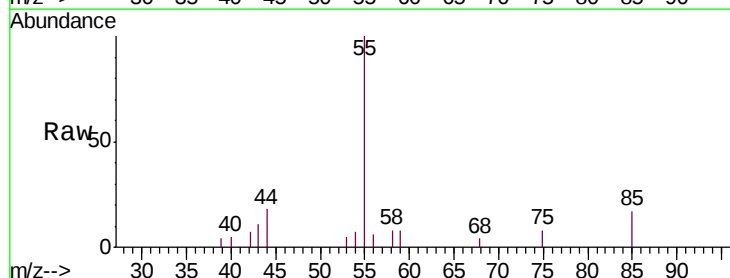
Ion 39.00 (38.70 to 39.70): VU0

Ion 52.00 (51.70 to 52.70): VU0



#40
Methyl acrylate
Concen: 1.781 ug/l
RT: 4.41 min Scan# 1034
Delta R.T. 0.01 min
Lab File: VU033362.D
Acq: 22 Jul 2019 20:08

Tgt Ion:	55	Resp:	7425
Ion	Ratio	Lower	Upper
55	100		
85	18.3	14.8	22.2
58	6.7	7.1	10.7#
42	5.1	7.0	10.6#



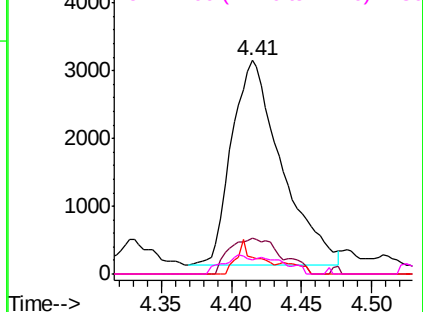
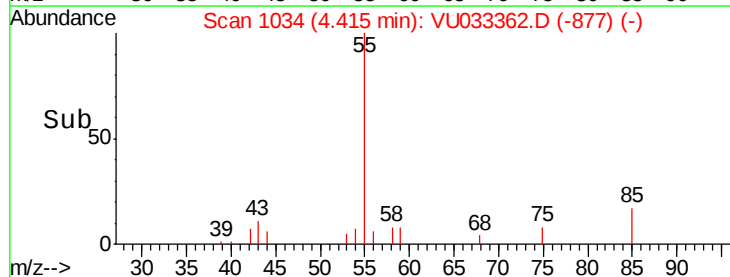
Abundance

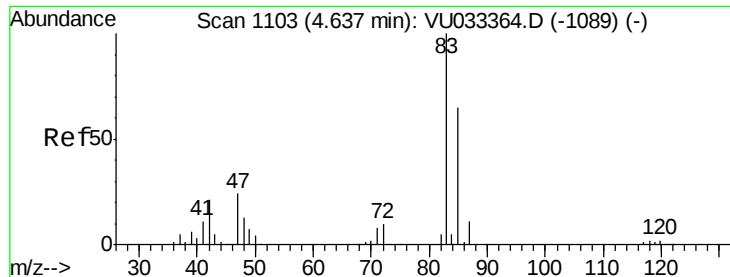
Ion 55.00 (54.70 to 55.70): VU0

Ion 85.00 (84.70 to 85.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

Ion 42.00 (41.70 to 42.70): VU0

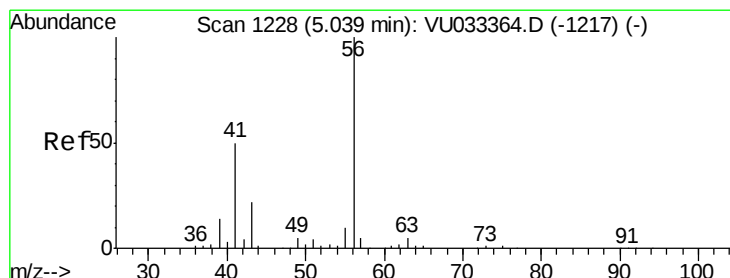
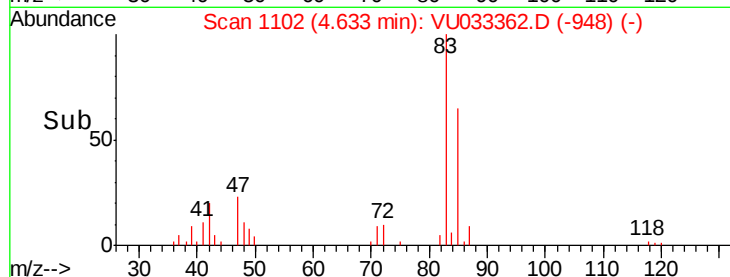
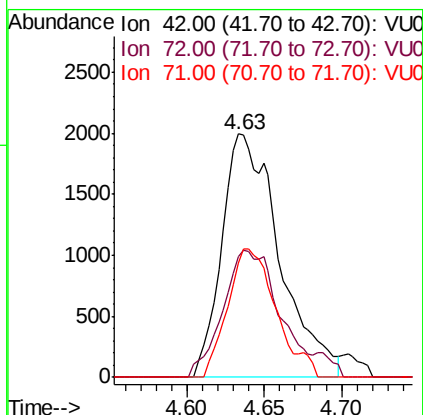
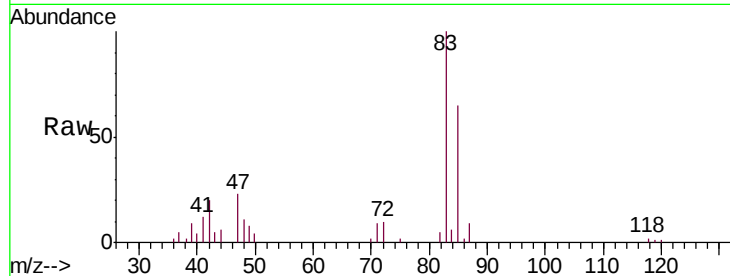




#41
Tetrahydrofuran
Concen: 2.980 ug/l
RT: 4.63 min Scan# 1102
Delta R.T. -0.00 min
Lab File: VU033362.D
Acq: 22 Jul 2019 20:08

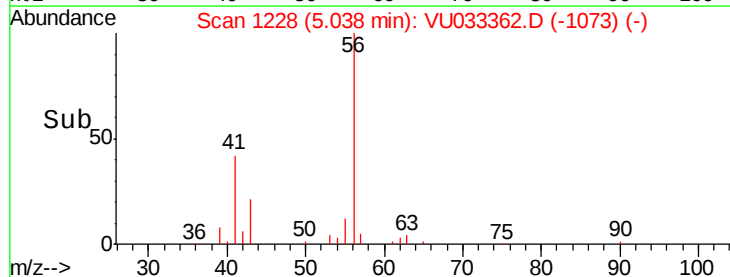
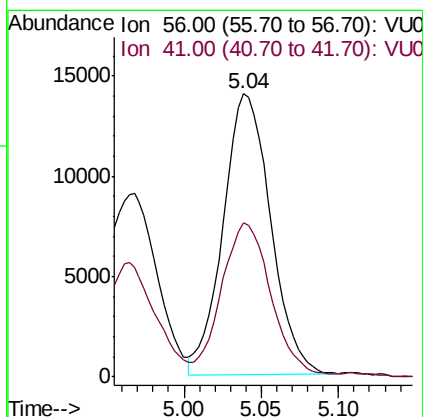
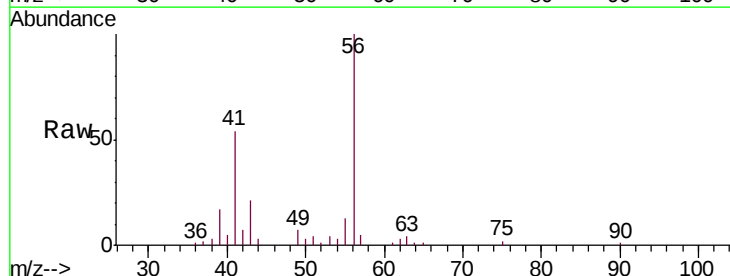
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

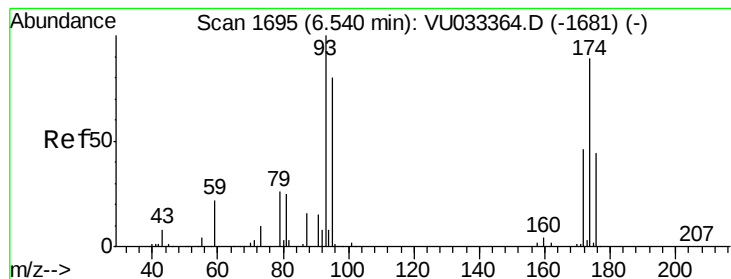
Tgt Ion: 42 Resp: 5171
Ion Ratio Lower Upper
42 100
72 51.0 38.7 58.1
71 44.3 34.6 52.0



#42
1-Chlorobutane
Concen: 1.693 ug/l
RT: 5.04 min Scan# 1228
Delta R.T. -0.00 min
Lab File: VU033362.D
Acq: 22 Jul 2019 20:08

Tgt Ion: 56 Resp: 29894
Ion Ratio Lower Upper
56 100
41 57.5 25.7 77.1





#43

Dibromomethane

Concen: 2.121 ug/l

RT: 6.54 min Scan# 1696

Delta R.T. 0.00 min

Lab File: VU033362.D

Acq: 22 Jul 2019 20:08

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC002

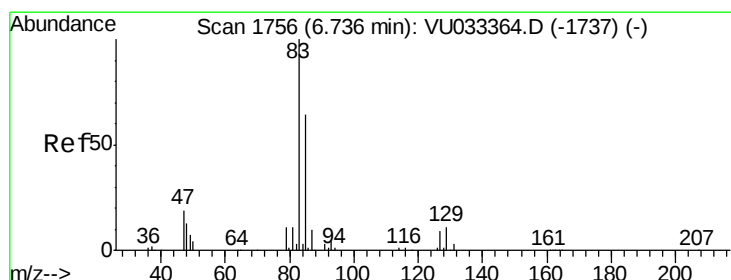
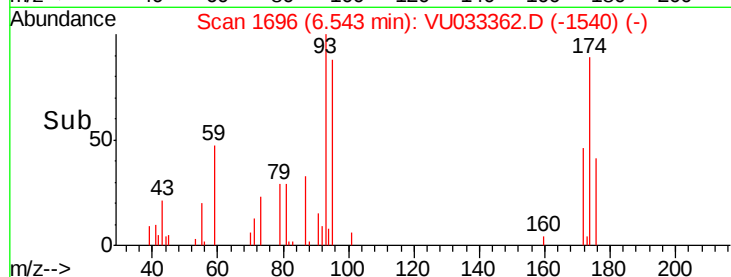
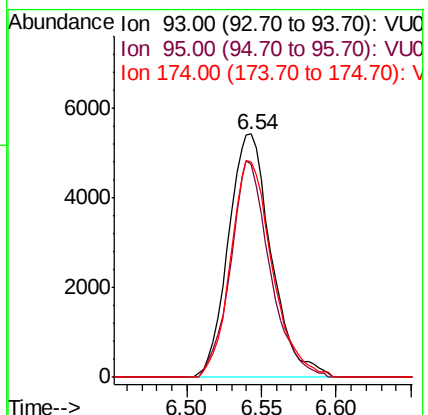
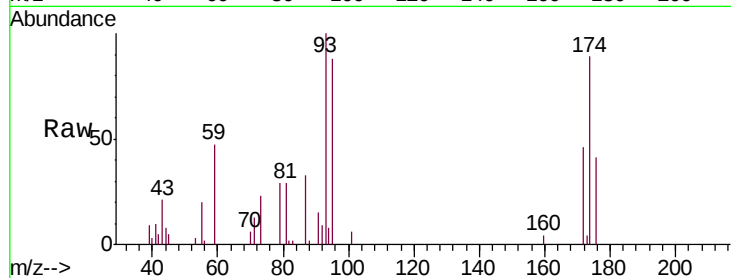
Tgt Ion: 93 Resp: 10838

Ion Ratio Lower Upper

93 100

95 81.5 65.3 97.9

174 86.4 70.7 106.1



#44

Bromodichloromethane

Concen: 1.986 ug/l

RT: 6.74 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VU033362.D

Acq: 22 Jul 2019 20:08

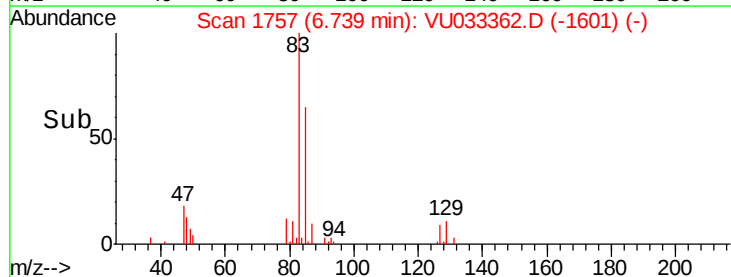
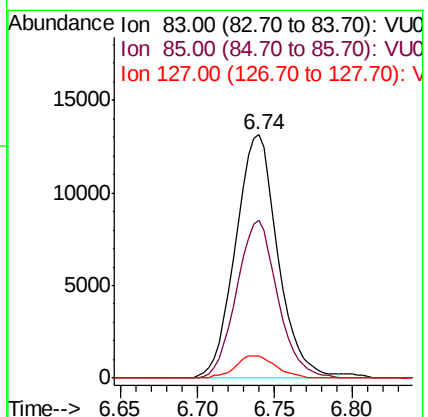
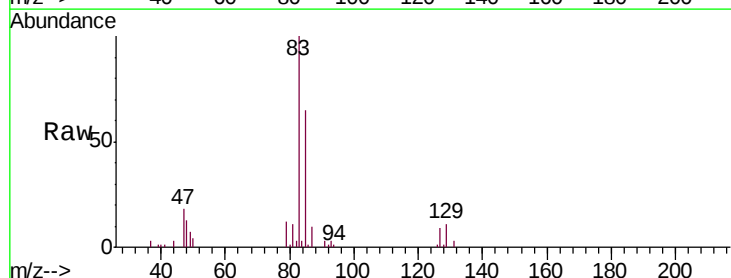
Tgt Ion: 83 Resp: 25002

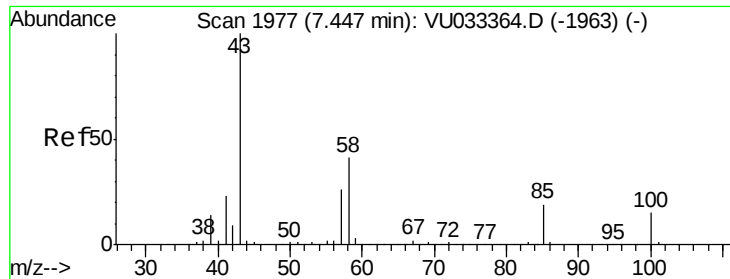
Ion Ratio Lower Upper

83 100

85 64.6 51.1 76.7

127 8.9 7.2 10.8

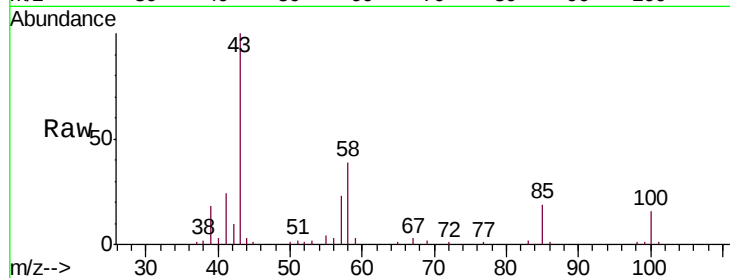




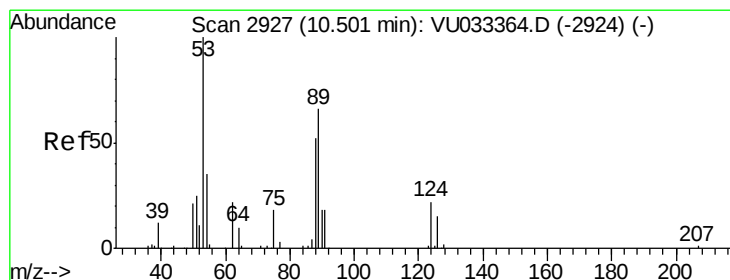
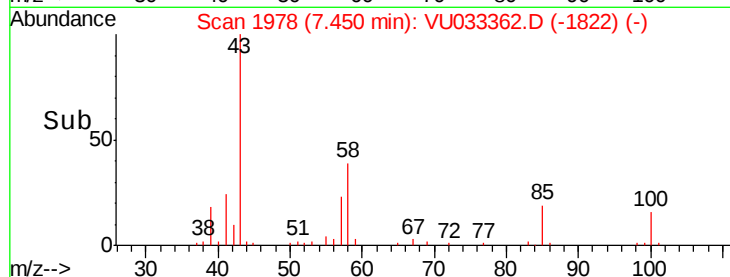
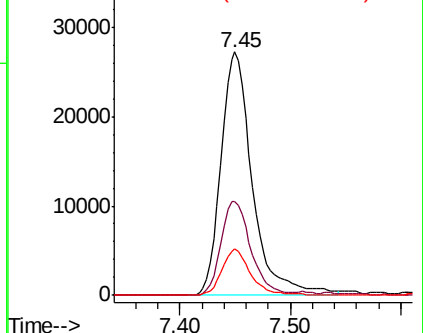
#45
 4-Methyl-2-Pentanone
 Concen: 9.057 ug/l
 RT: 7.45 min Scan# 1978
 Delta R.T. 0.00 min
 Lab File: VU033362.D
 Acq: 22 Jul 2019 20:08

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC002

Tgt Ion: 43 Resp: 53796
 Ion Ratio Lower Upper
 43 100
 58 36.7 20.3 60.8
 85 17.1 15.0 22.6

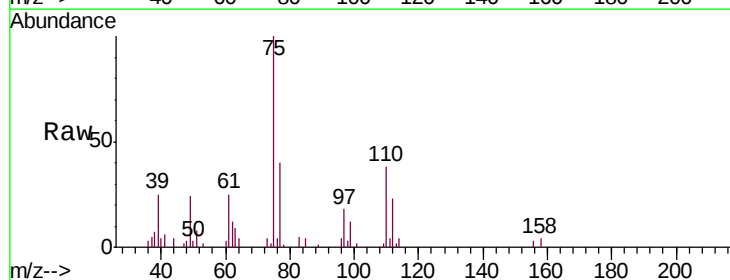


Abundance Ion 43.00 (42.70 to 43.70): VU0
 Ion 58.00 (57.70 to 58.70): VU0
 Ion 85.00 (84.70 to 85.70): VU0

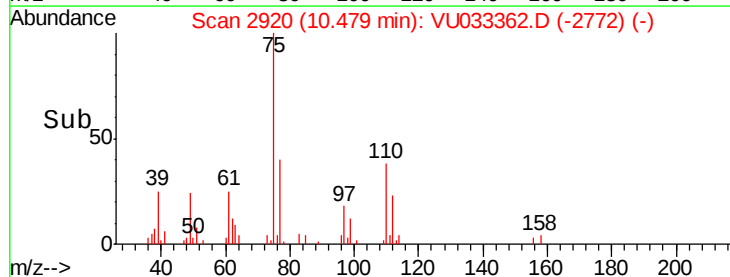
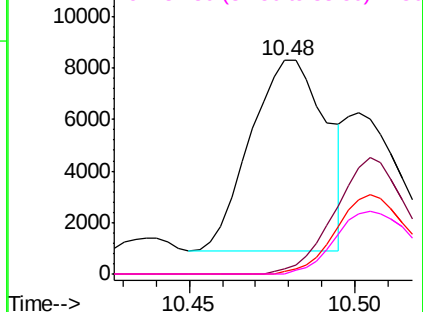


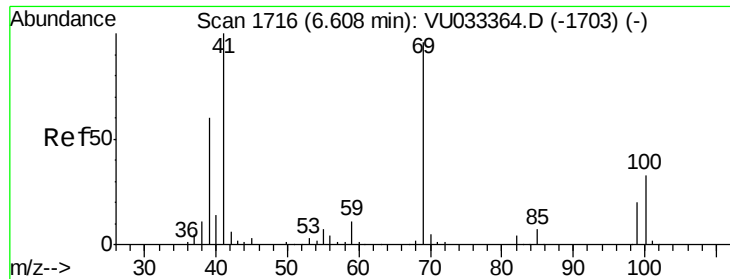
#46
 t-1,4-Dichloro-2-butene
 Concen: 6.165 ug/l
 RT: 10.48 min Scan# 2920
 Delta R.T. -0.02 min
 Lab File: VU033362.D
 Acq: 22 Jul 2019 20:08

Tgt Ion: 75 Resp: 11860
 Ion Ratio Lower Upper
 75 100
 53 59.7 62.9 94.3#
 89 40.7 43.0 64.4#
 88 33.7 35.0 52.4#



Abundance Ion 74.90 (74.60 to 75.60): VU0
 Ion 53.00 (52.70 to 53.70): VU0
 Ion 88.80 (88.50 to 89.50): VU0
 Ion 87.80 (87.50 to 88.50): VU0

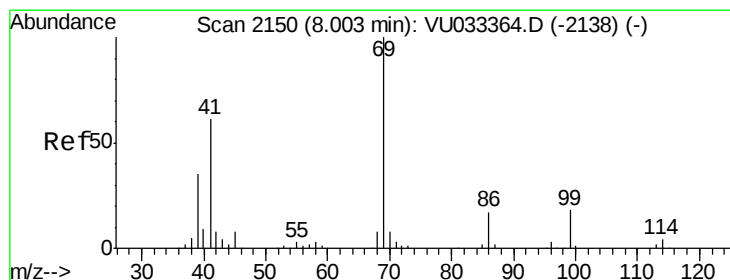
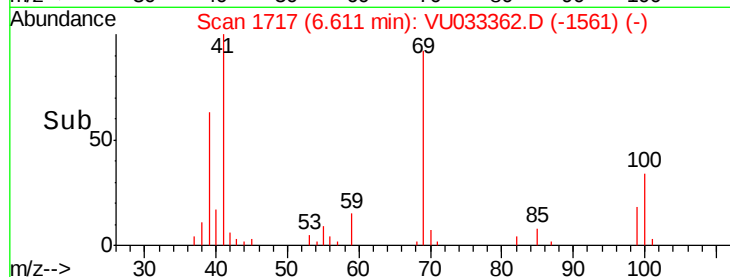
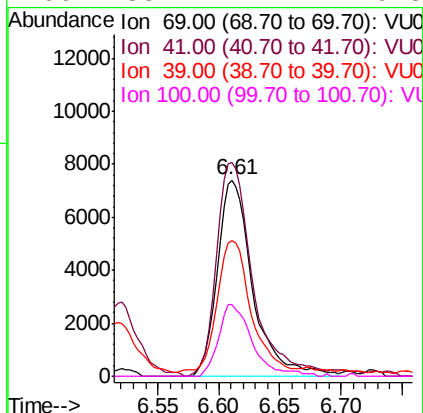
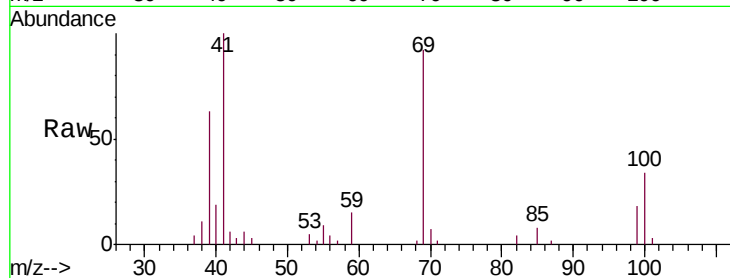




#47
Methyl methacrylate
Concen: 3.859 ug/l
RT: 6.61 min Scan# 1717
Delta R.T. 0.00 min
Lab File: VU033362.D
Acq: 22 Jul 2019 20:08

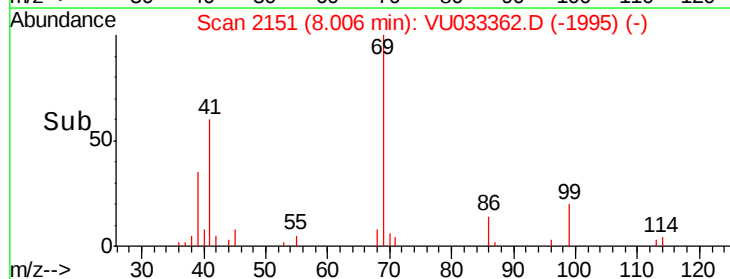
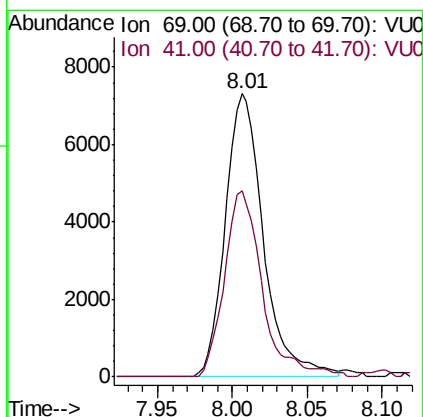
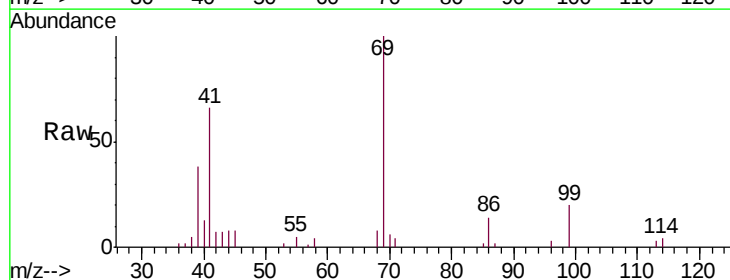
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

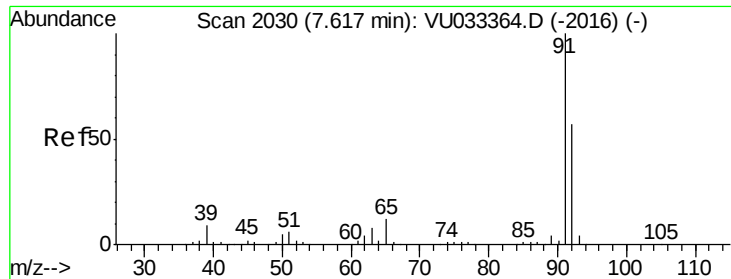
Tgt Ion: 69 Resp: 15068
Ion Ratio Lower Upper
69 100
41 111.7 0.0 208.2
39 64.0 50.6 75.8
100 35.2 27.2 40.8



#48
Ethyl methacrylate
Concen: 1.914 ug/l
RT: 8.01 min Scan# 2151
Delta R.T. 0.00 min
Lab File: VU033362.D
Acq: 22 Jul 2019 20:08

Tgt Ion: 69 Resp: 13010
Ion Ratio Lower Upper
69 100
41 65.2 30.9 92.7





#49

Toluene

Concen: 2.028 ug/l

RT: 7.62 min Scan# 2031

Delta R.T. 0.00 min

Lab File: VU033362.D

Acq: 22 Jul 2019 20:08

Instrument :

MSVOA_U

ClientSampleId :

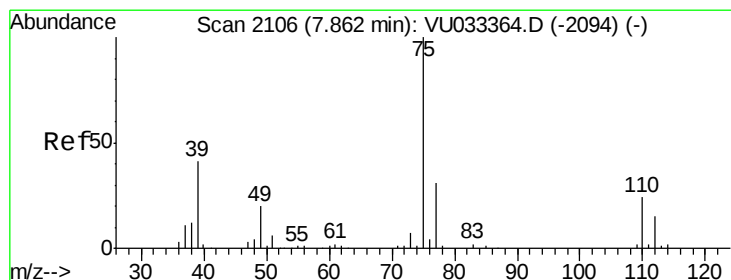
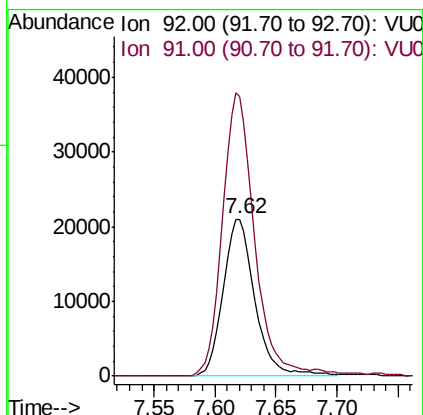
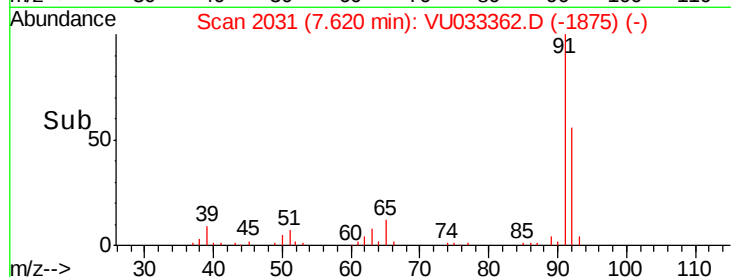
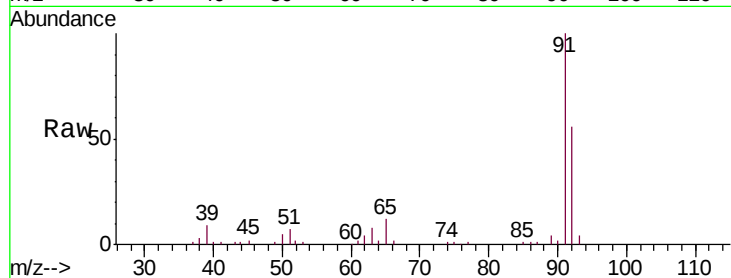
VSTDIC002

Tgt Ion: 92 Resp: 38593

Ion Ratio Lower Upper

92 100

91 179.1 142.1 213.1



#50

t-1,3-Dichloropropene

Concen: 2.078 ug/l

RT: 7.86 min Scan# 2107

Delta R.T. 0.00 min

Lab File: VU033362.D

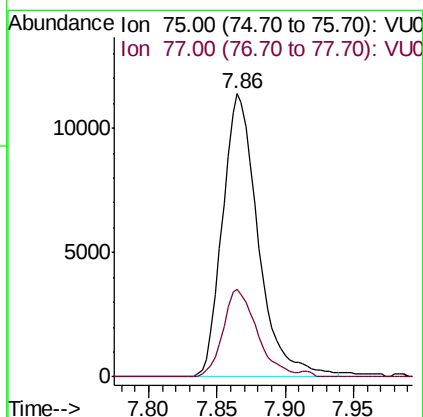
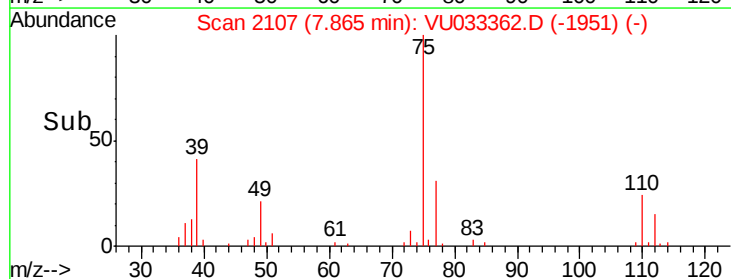
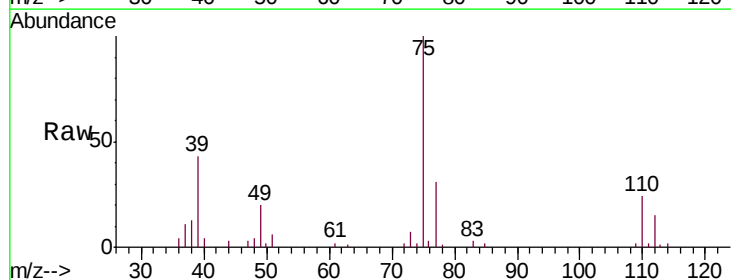
Acq: 22 Jul 2019 20:08

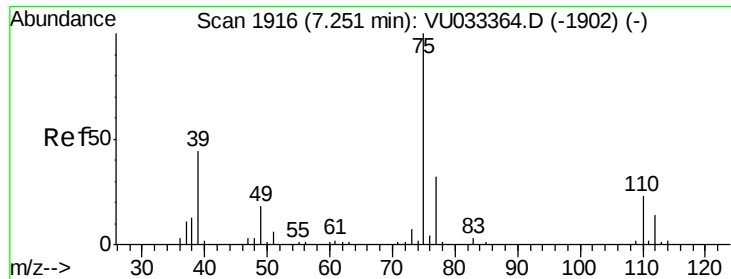
Tgt Ion: 75 Resp: 20725

Ion Ratio Lower Upper

75 100

77 31.2 25.2 37.8

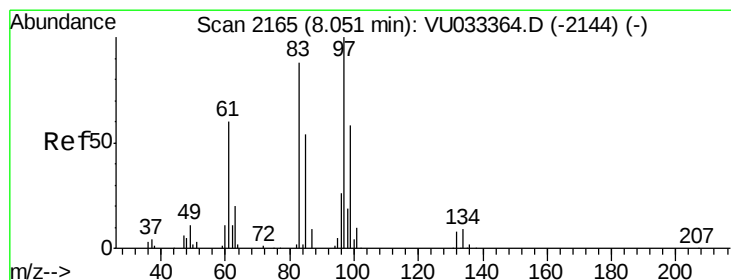
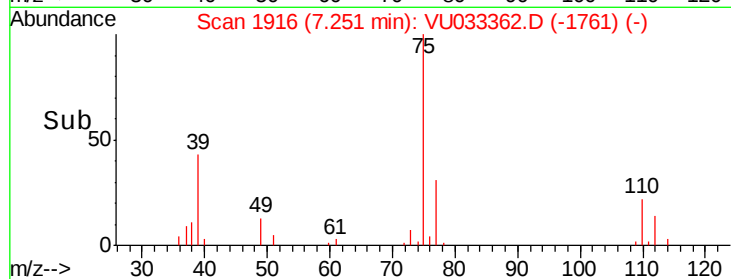
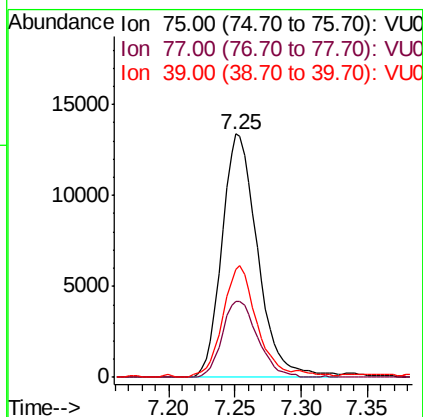
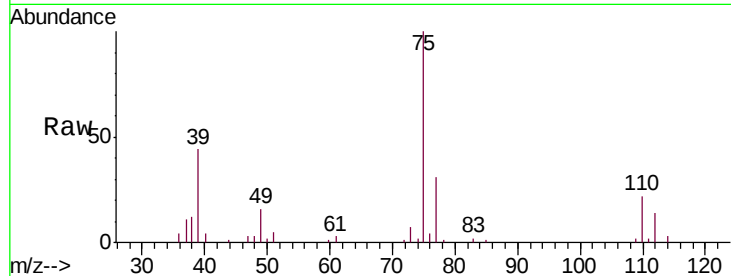




#51
 cis-1,3-Dichloropropene
 Concen: 2.076 ug/l
 RT: 7.25 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VU033362.D
 Acq: 22 Jul 2019 20:08

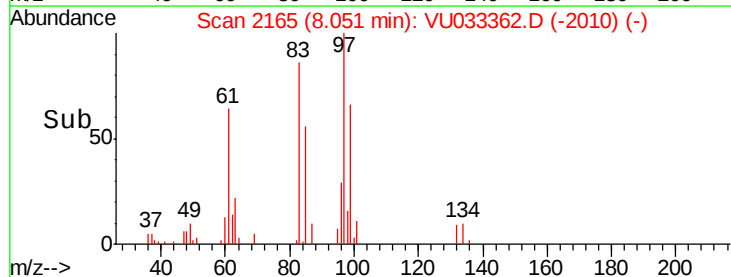
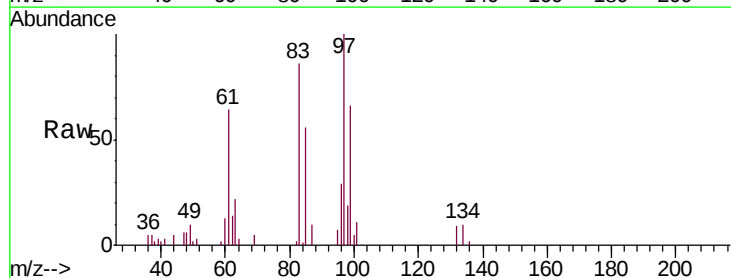
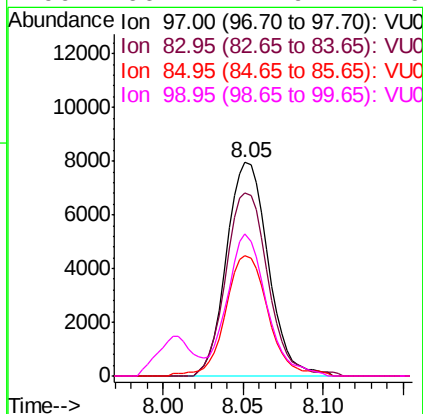
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC002

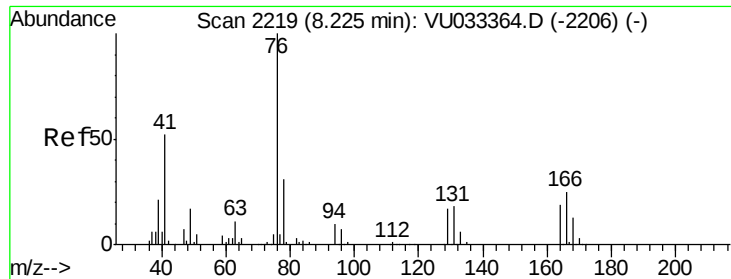
Tgt Ion: 75 Resp: 25014
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.8 38.8
 39 44.5 35.2 52.8



#52
 1,1,2-Trichloroethane
 Concen: 2.108 ug/l
 RT: 8.05 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VU033362.D
 Acq: 22 Jul 2019 20:08

Tgt Ion: 97 Resp: 14128
 Ion Ratio Lower Upper
 97 100
 83 85.8 70.2 105.2
 85 56.4 43.5 65.3
 99 66.4 47.9 71.9





#53

1,3-Dichloropropane

Concen: 2.058 ug/l

RT: 8.23 min Scan# 2220

Delta R.T. 0.00 min

Lab File: VU033362.D

Acq: 22 Jul 2019 20:08

Instrument :

MSVOA_U

ClientSampleId :

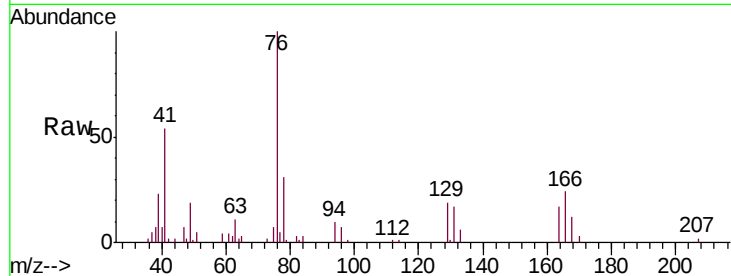
VSTDIC002

Tgt Ion: 76 Resp: 23890

Ion Ratio Lower Upper

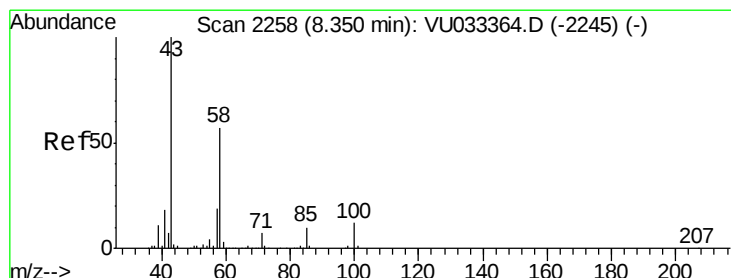
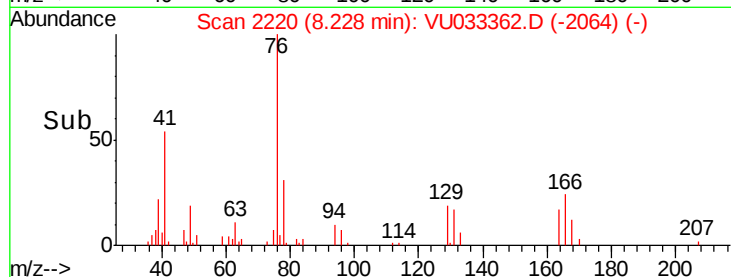
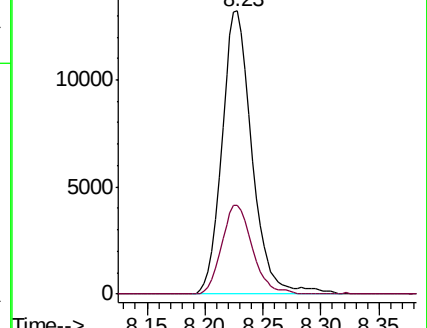
76 100

78 32.1 25.7 38.5



Abundance Ion 76.00 (75.70 to 76.70): VU033364.D (-2206) (-)

Ion 78.00 (77.70 to 78.70): VU033364.D (-2206) (-)



#54

2-Hexanone

Concen: 8.977 ug/l

RT: 8.35 min Scan# 2259

Delta R.T. 0.00 min

Lab File: VU033362.D

Acq: 22 Jul 2019 20:08

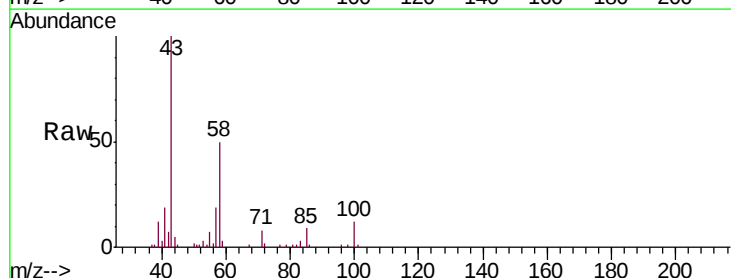
Tgt Ion: 43 Resp: 36124

Ion Ratio Lower Upper

43 100

58 50.7 36.0 76.0

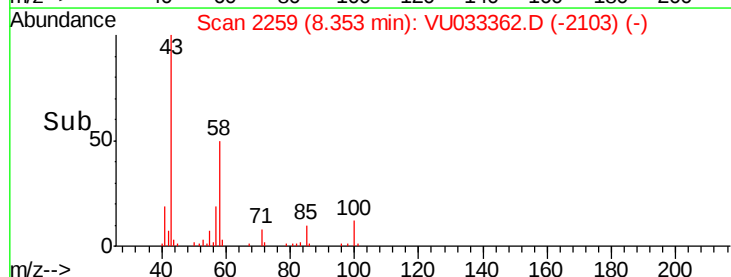
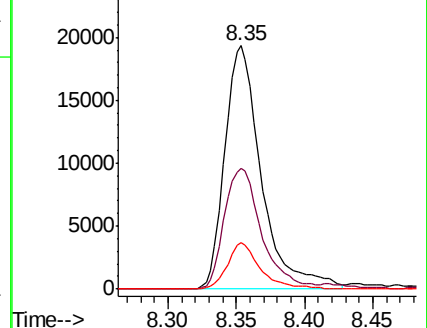
57 17.0 0.0 39.4

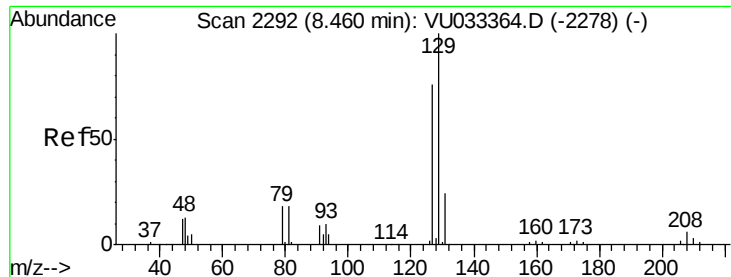


Abundance Ion 43.00 (42.70 to 43.70): VU033364.D (-2245) (-)

Ion 58.00 (57.70 to 58.70): VU033364.D (-2245) (-)

Ion 57.00 (56.70 to 57.70): VU033364.D (-2245) (-)





#55

Dibromochloromethane

Concen: 2.038 ug/l

RT: 8.46 min Scan# 2292

Delta R.T. -0.00 min

Lab File: VU033362.D

Acq: 22 Jul 2019 20:08

Instrument :

MSVOA_U

ClientSampleId :

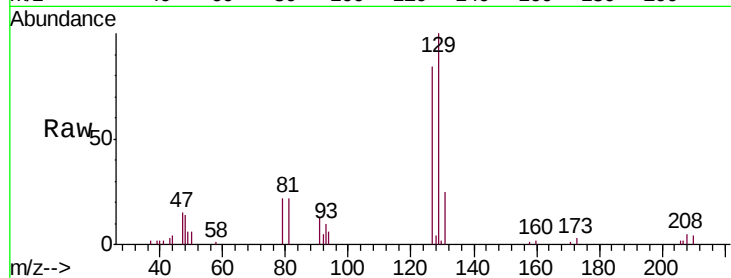
VSTDIC002

Tgt Ion:129 Resp: 15452

Ion Ratio Lower Upper

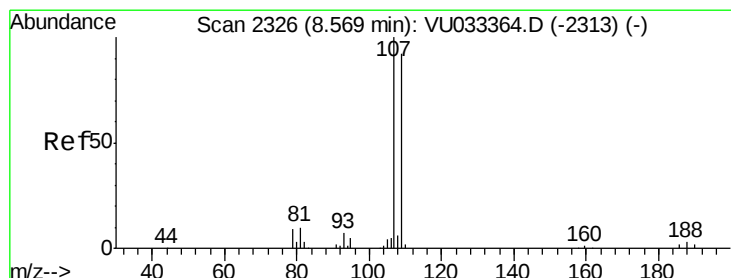
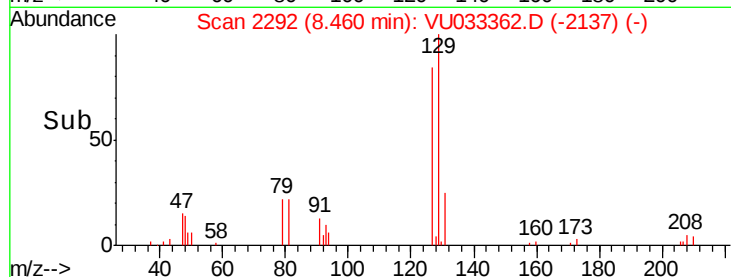
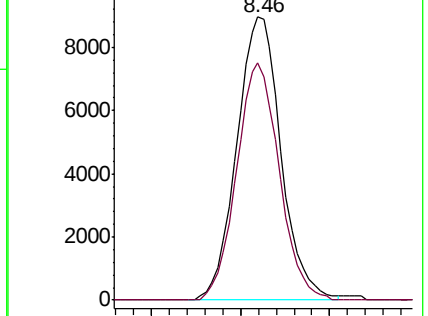
129 100

127 80.8 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: 2.209 ug/l

RT: 8.57 min Scan# 2327

Delta R.T. 0.00 min

Lab File: VU033362.D

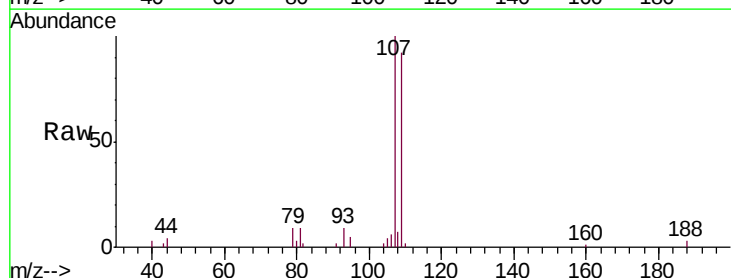
Acq: 22 Jul 2019 20:08

Tgt Ion:107 Resp: 13276

Ion Ratio Lower Upper

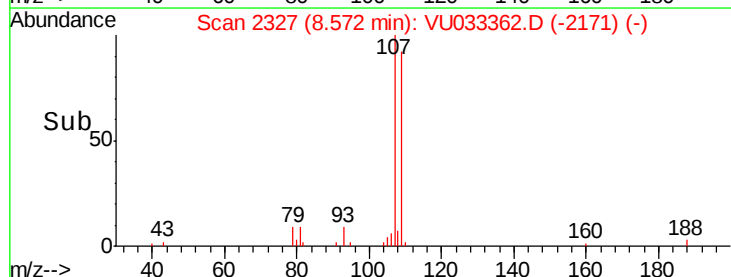
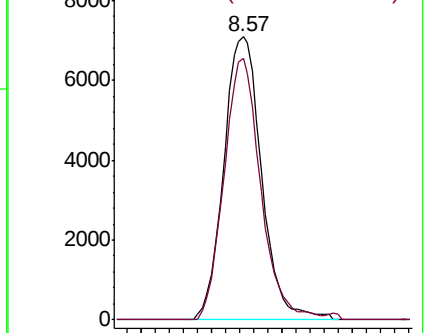
107 100

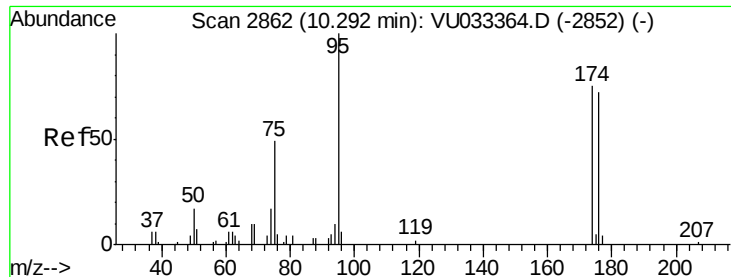
109 89.4 0.0 184.8



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

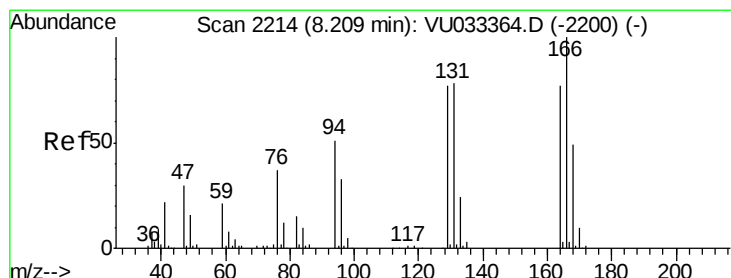
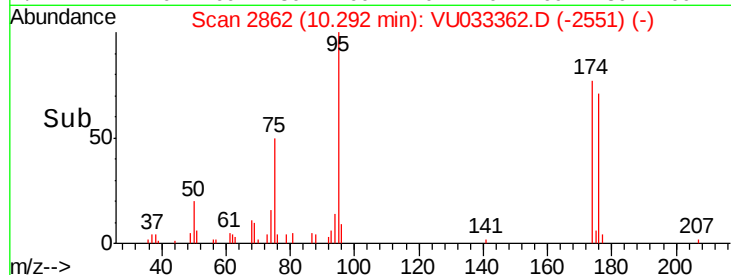
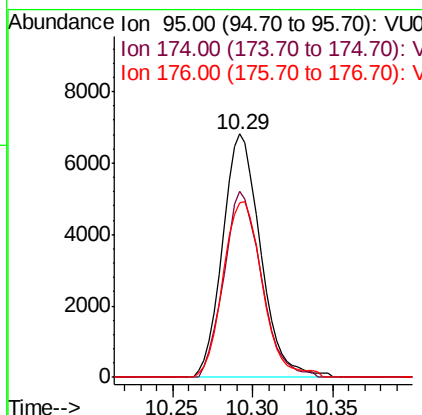
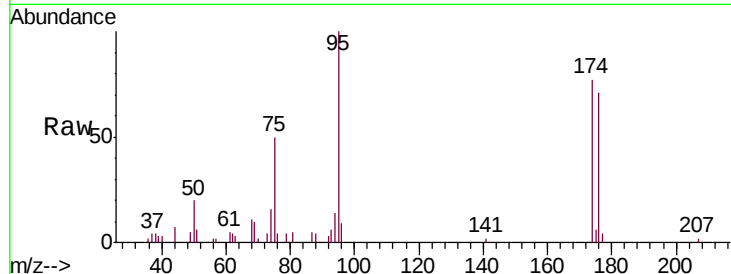




#57
4-Bromofluorobenzene
Concen: 1.091 ug/l
RT: 10.29 min Scan# 2862
Delta R.T. -0.00 min
Lab File: VU033362.D
Acq: 22 Jul 2019 20:08

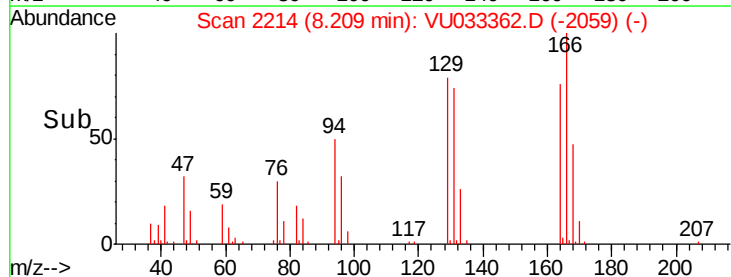
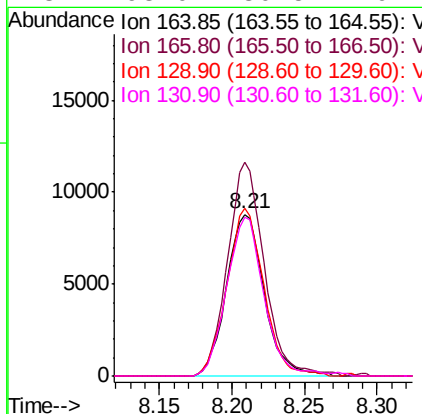
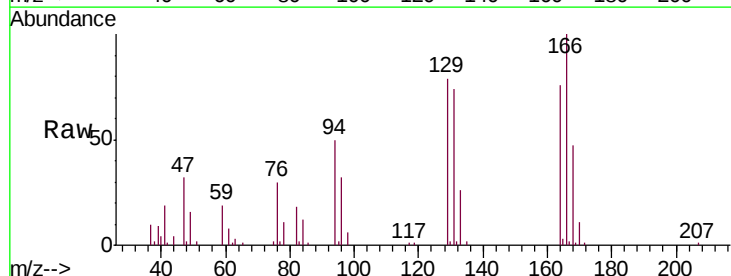
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

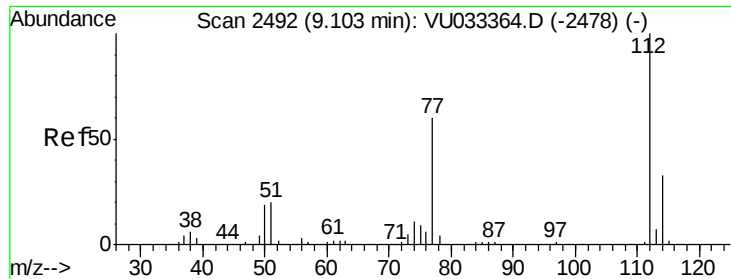
Tgt Ion: 95 Resp: 11042
Ion Ratio Lower Upper
95 100
174 75.3 58.8 88.2
176 74.9 54.4 81.6



#58
Tetrachloroethene
Concen: 1.840 ug/l
RT: 8.21 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VU033362.D
Acq: 22 Jul 2019 20:08

Tgt Ion: 164 Resp: 15820
Ion Ratio Lower Upper
164 100
166 132.3 103.8 155.6
129 103.8 79.7 119.5
131 98.0 80.5 120.7





#59

Chlorobenzene

Concen: 2.129 ug/l

RT: 9.10 min Scan# 2492

Delta R.T. -0.00 min

Lab File: VU033362.D

Acq: 22 Jul 2019 20:08

Instrument :

MSVOA_U

ClientSampleId :

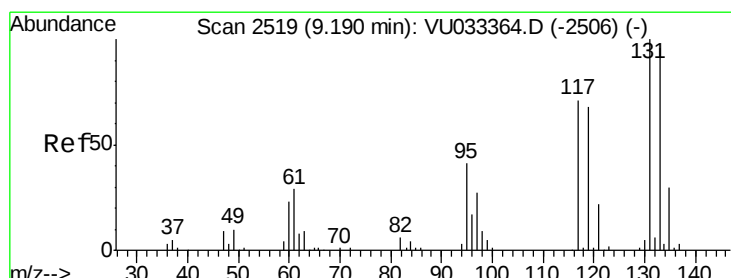
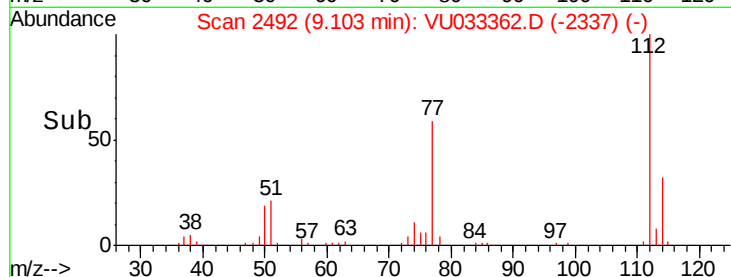
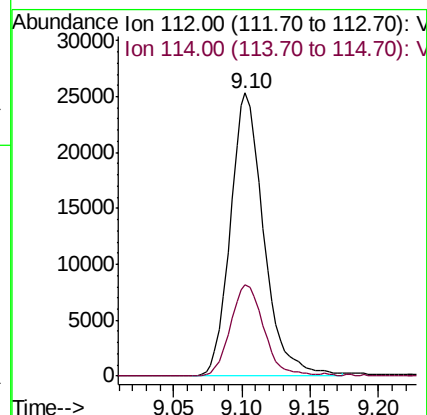
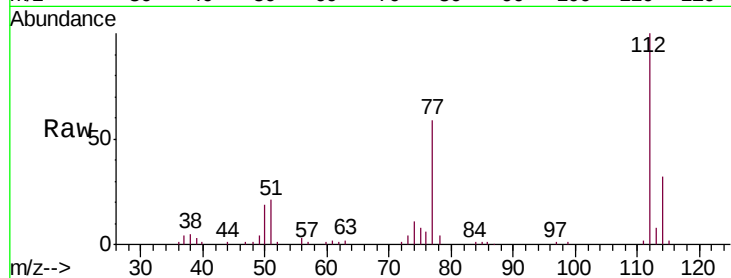
VSTDIC002

Tgt Ion:112 Resp: 43175

Ion Ratio Lower Upper

112 100

114 32.2 26.4 39.6



#60

1,1,1,2-Tetrachloroethane

Concen: 2.162 ug/l

RT: 9.19 min Scan# 2520

Delta R.T. 0.00 min

Lab File: VU033362.D

Acq: 22 Jul 2019 20:08

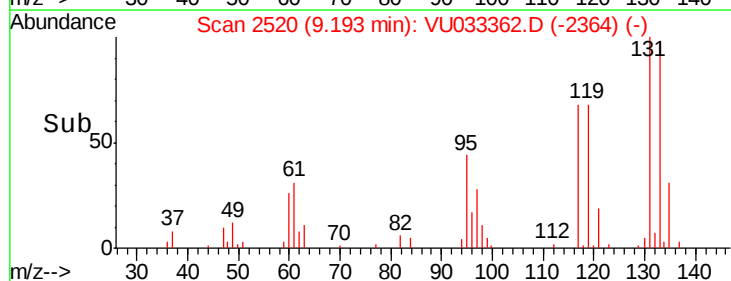
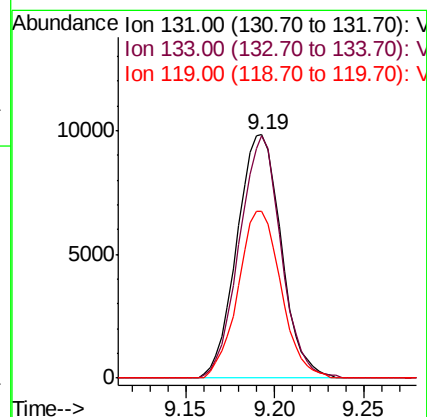
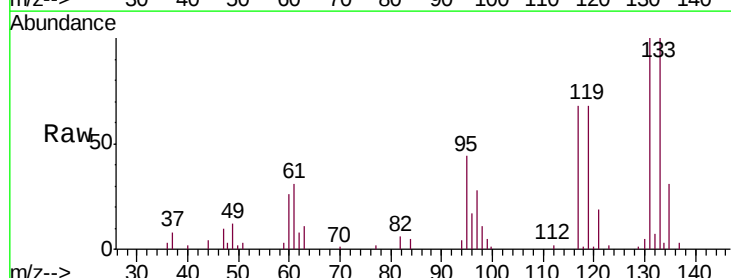
Tgt Ion:131 Resp: 16984

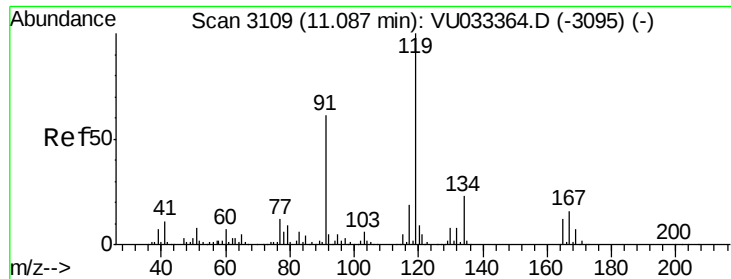
Ion Ratio Lower Upper

131 100

133 93.8 76.2 114.4

119 66.4 54.9 82.3

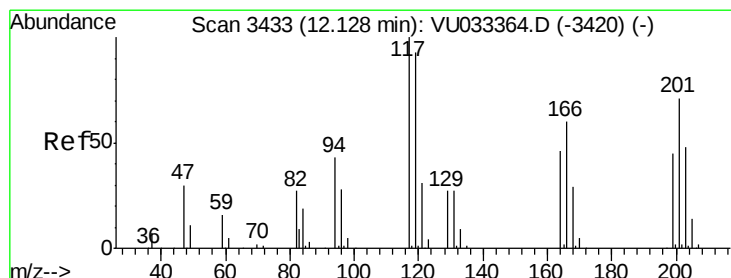
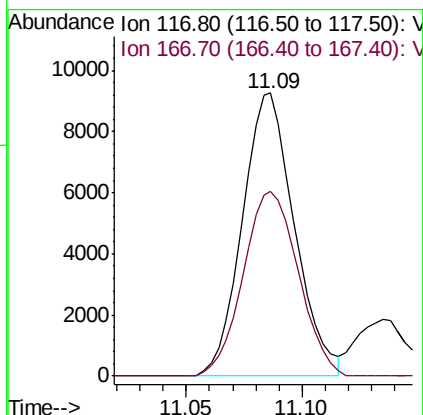
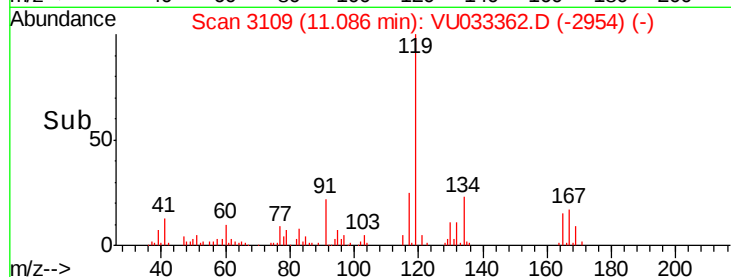
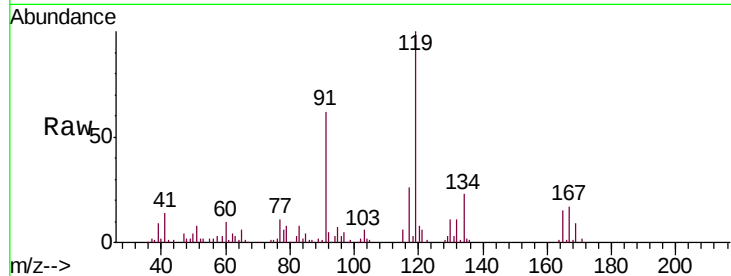




#61
 Pentachloroethane
 Concen: 2.518 ug/l
 RT: 11.09 min Scan# 3109
 Delta R.T. -0.00 min
 Lab File: VU033362.D
 Acq: 22 Jul 2019 20:08

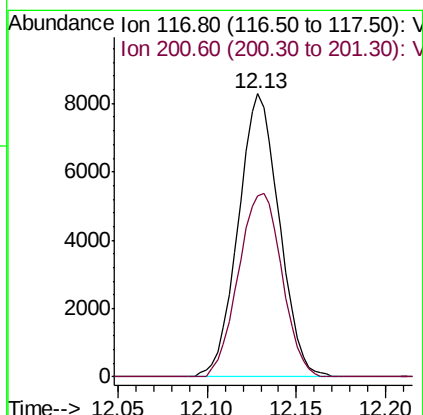
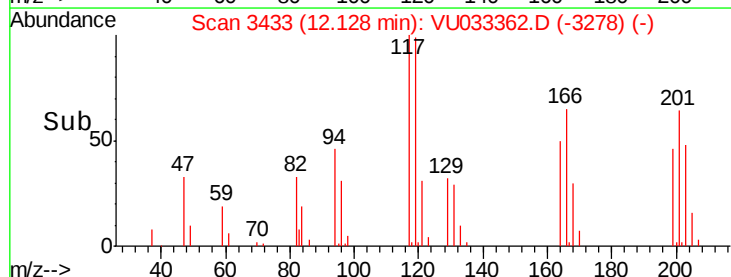
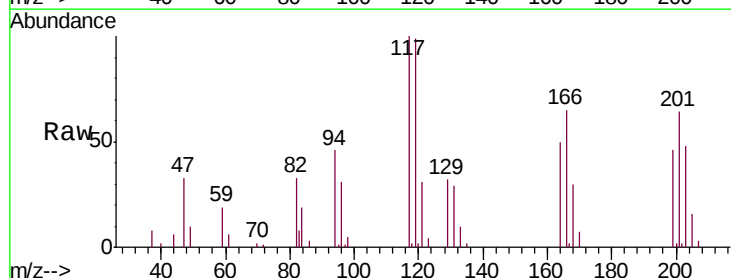
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC002

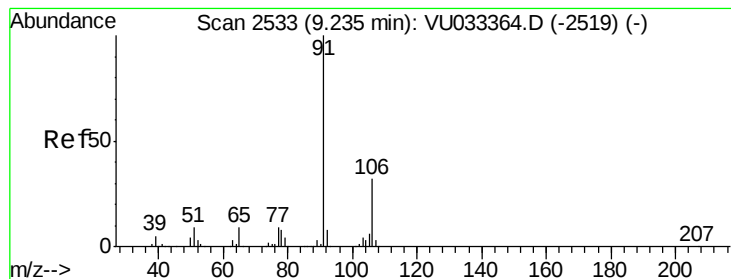
Tgt Ion:117 Resp: 14458
 Ion Ratio Lower Upper
 117 100
 167 68.9 63.4 95.0



#62
 Hexachloroethane
 Concen: 2.372 ug/l
 RT: 12.13 min Scan# 3433
 Delta R.T. -0.00 min
 Lab File: VU033362.D
 Acq: 22 Jul 2019 20:08

Tgt Ion:117 Resp: 13310
 Ion Ratio Lower Upper
 117 100
 201 68.7 57.9 86.9





#63

Ethyl Benzene

Concen: 2.015 ug/l

RT: 9.23 min Scan# 2532

Delta R.T. -0.00 min

Lab File: VU033362.D

Acq: 22 Jul 2019 20:08

Instrument :

MSVOA_U

ClientSampleId :

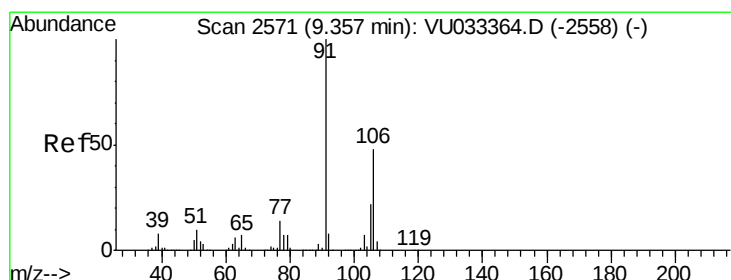
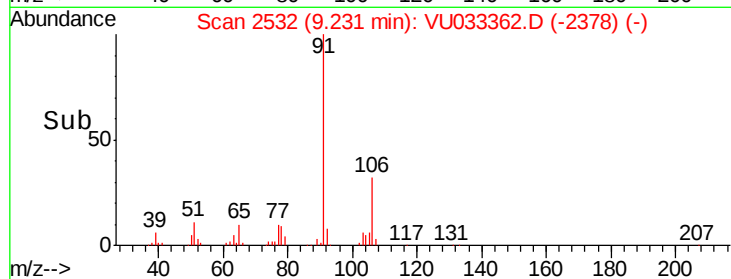
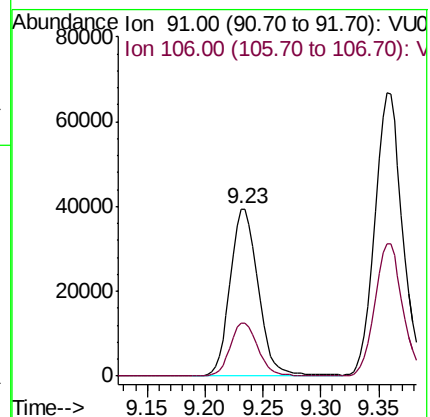
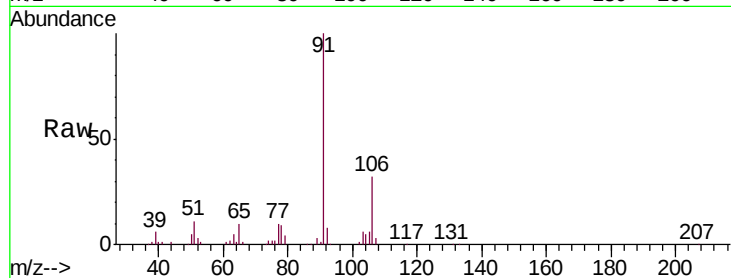
VSTDIC002

Tgt Ion: 91 Resp: 66486

Ion Ratio Lower Upper

91 100

106 31.8 25.4 38.2



#64

m/p-Xylenes

Concen: 4.296 ug/l

RT: 9.36 min Scan# 2571

Delta R.T. -0.00 min

Lab File: VU033362.D

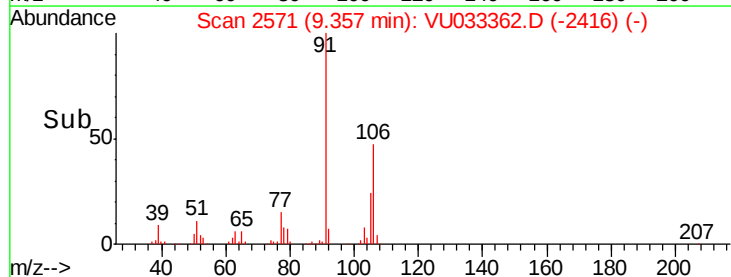
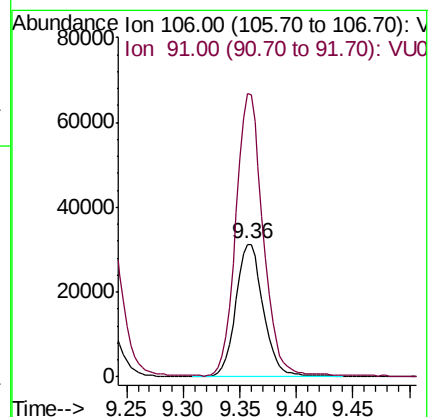
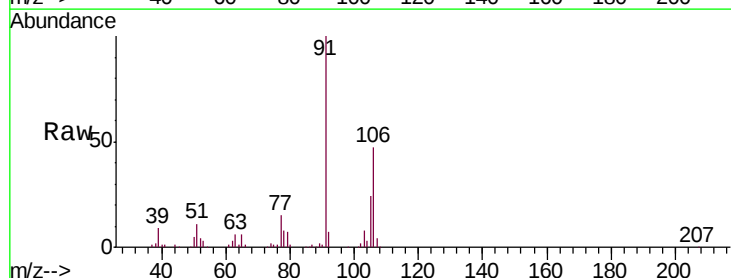
Acq: 22 Jul 2019 20:08

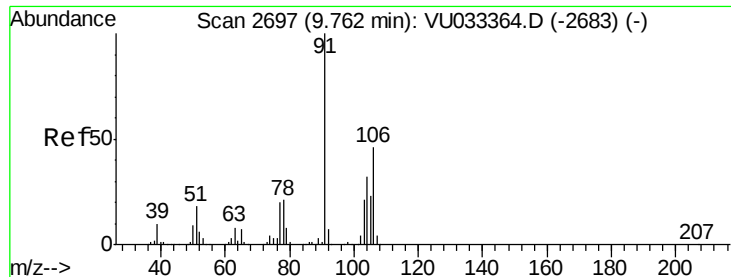
Tgt Ion: 106 Resp: 53523

Ion Ratio Lower Upper

106 100

91 206.2 167.1 250.7

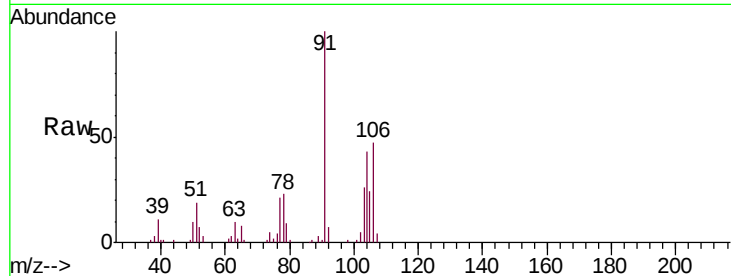




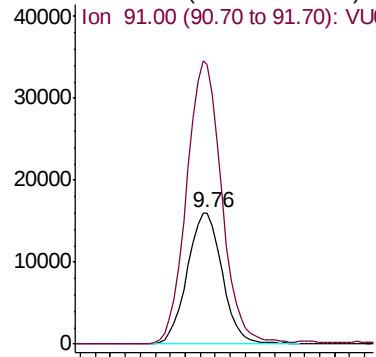
#65
o-Xylene
Concen: 2.151 ug/l
RT: 9.76 min Scan# 2698
Delta R.T. 0.00 min
Lab File: VU033362.D
Acq: 22 Jul 2019 20:08

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

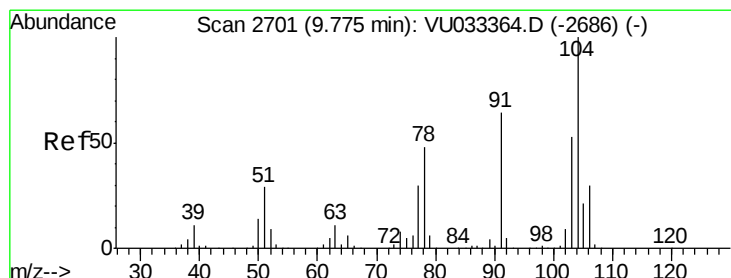
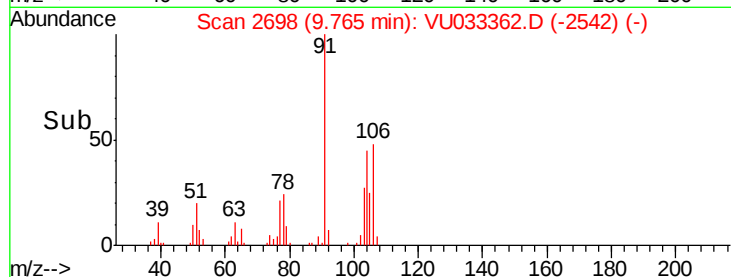
Tgt Ion:106 Resp: 26115
Ion Ratio Lower Upper
106 100
91 216.6 108.5 325.3



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

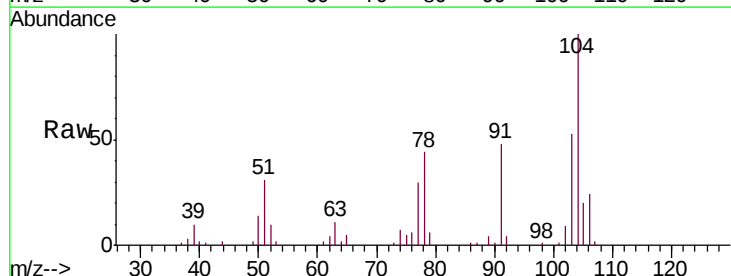


Time-->

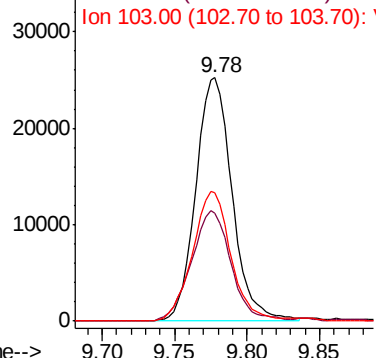


#66
Styrene
Concen: 2.183 ug/l
RT: 9.78 min Scan# 2702
Delta R.T. 0.00 min
Lab File: VU033362.D
Acq: 22 Jul 2019 20:08

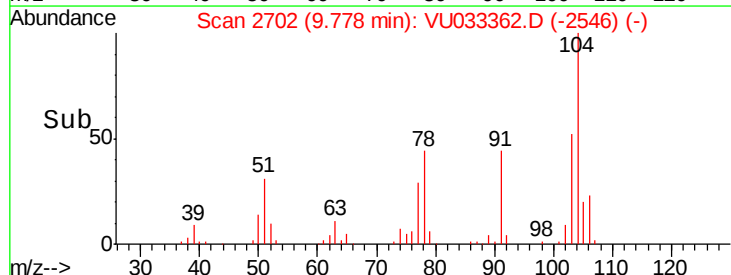
Tgt Ion:104 Resp: 44048
Ion Ratio Lower Upper
104 100
78 49.7 41.2 61.8
103 55.9 44.7 67.1

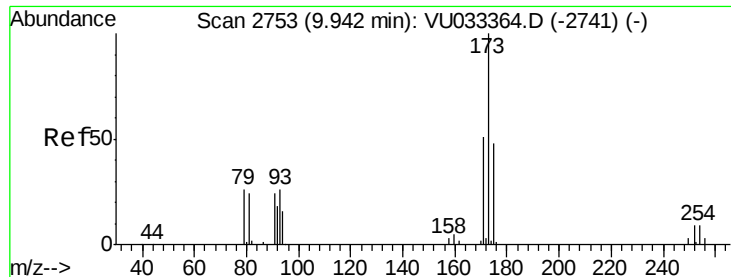


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VU0
Ion 103.00 (102.70 to 103.70): V



Time-->

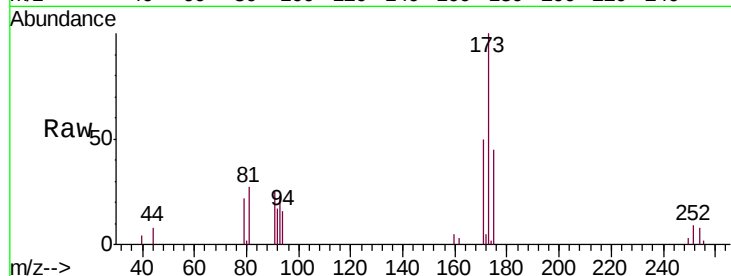




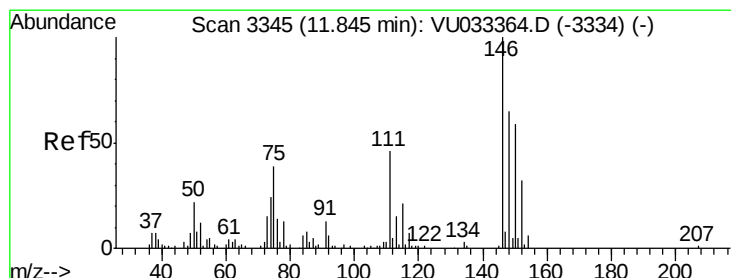
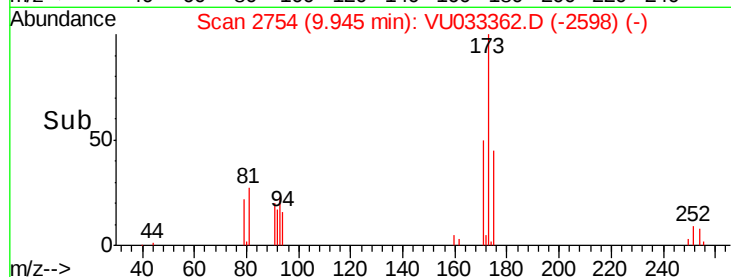
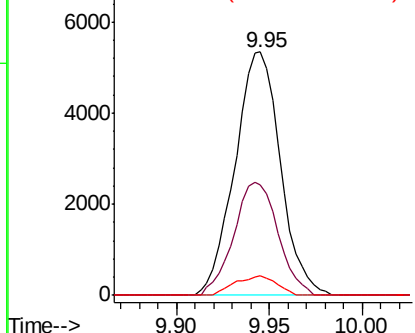
#67
Bromoform
Concen: 2.156 ug/l
RT: 9.95 min Scan# 2754
Delta R.T. 0.00 min
Lab File: VU033362.D
Acq: 22 Jul 2019 20:08

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

Tgt Ion:173 Resp: 9136
Ion Ratio Lower Upper
173 100
175 45.2 38.6 58.0
254 7.4 6.8 10.2

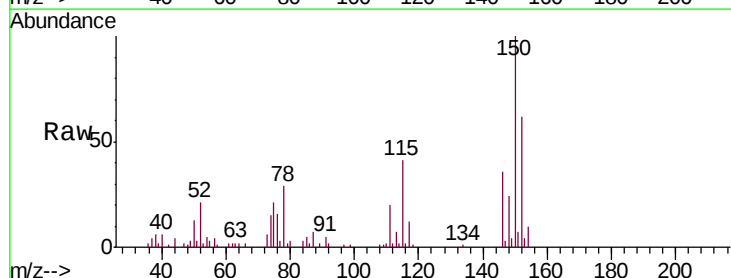


Abundance Ion 172.90 (172.60 to 173.60): V
Ion 174.90 (174.60 to 175.60): V
Ion 253.75 (253.45 to 254.45): V

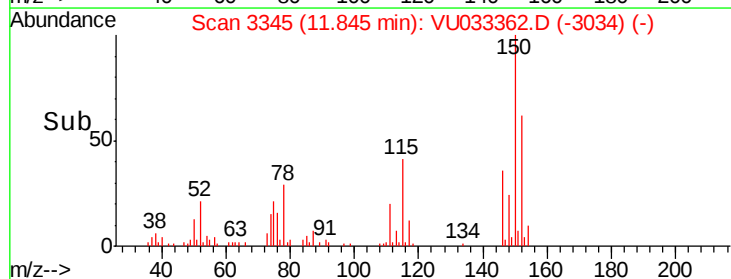
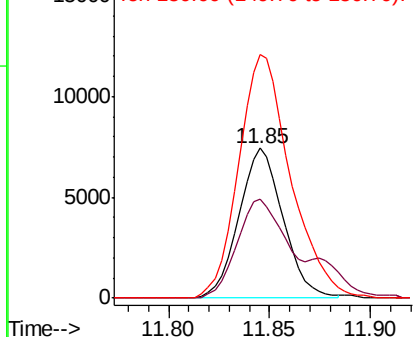


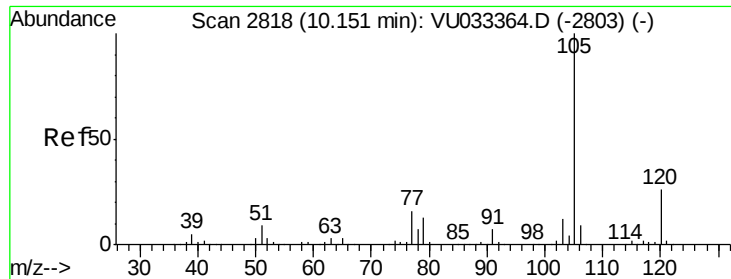
#68
1,2-Dichlorobenzene-d4
Concen: 1.192 ug/l
RT: 11.85 min Scan# 3345
Delta R.T. -0.00 min
Lab File: VU033362.D
Acq: 22 Jul 2019 20:08

Tgt Ion:152 Resp: 11409
Ion Ratio Lower Upper
152 100
115 73.5 0.0 123.2
150 190.9 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: 2.087 ug/l

RT: 10.15 min Scan# 2818

Delta R.T. -0.00 min

Lab File: VU033362.D

Acq: 22 Jul 2019 20:08

Instrument :

MSVOA_U

ClientSampleId :

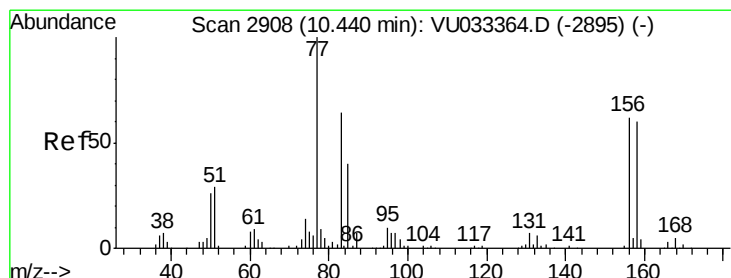
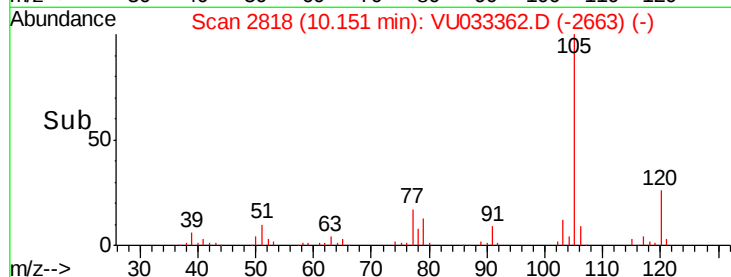
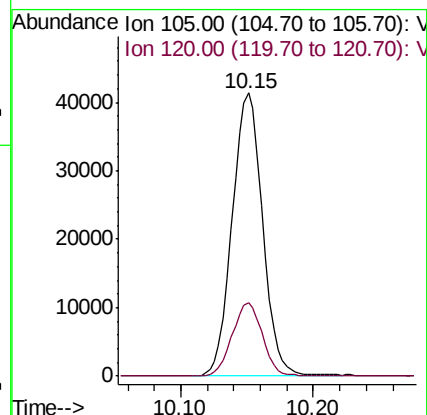
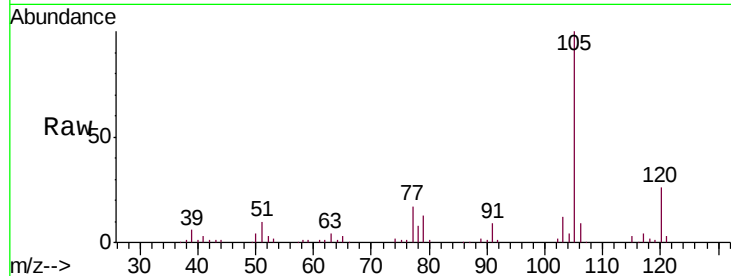
VSTDIC002

Tgt Ion:105 Resp: 66013

Ion Ratio Lower Upper

105 100

120 25.9 13.4 40.1



#70

1,1,2,2-Tetrachloroethane

Concen: 2.259 ug/l

RT: 10.44 min Scan# 2908

Delta R.T. -0.00 min

Lab File: VU033362.D

Acq: 22 Jul 2019 20:08

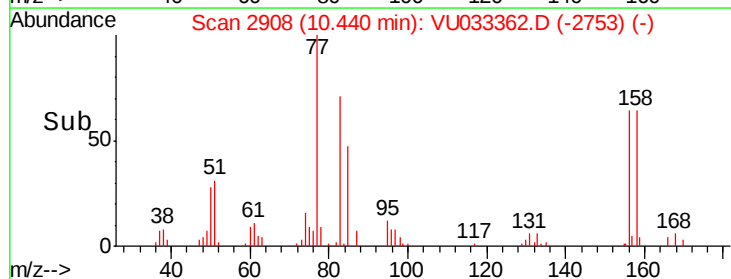
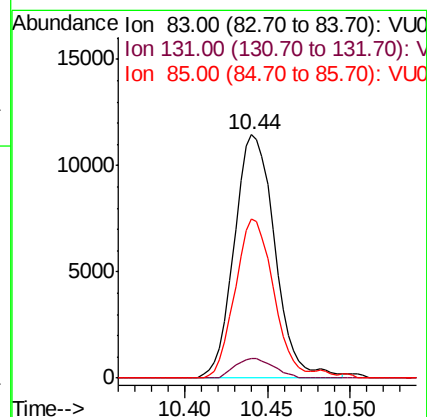
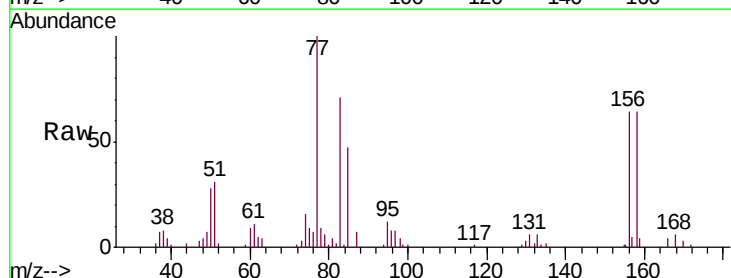
Tgt Ion: 83 Resp: 19555

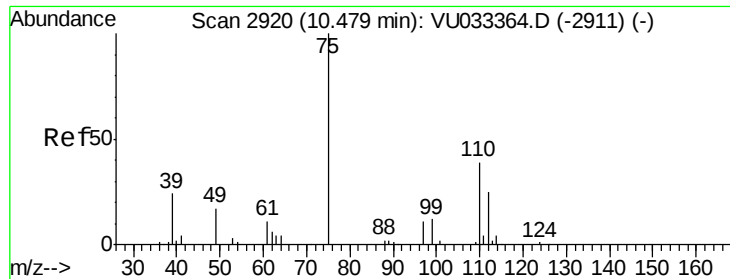
Ion Ratio Lower Upper

83 100

131 7.6 8.0 12.0#

85 61.7 51.8 77.8

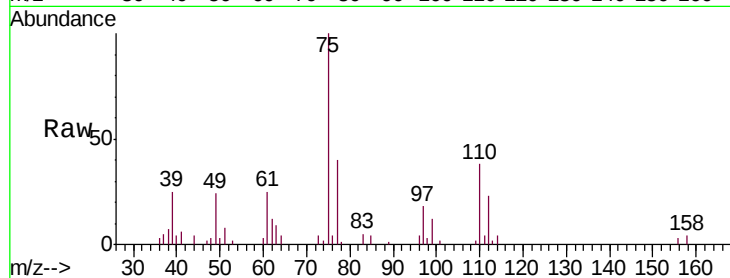




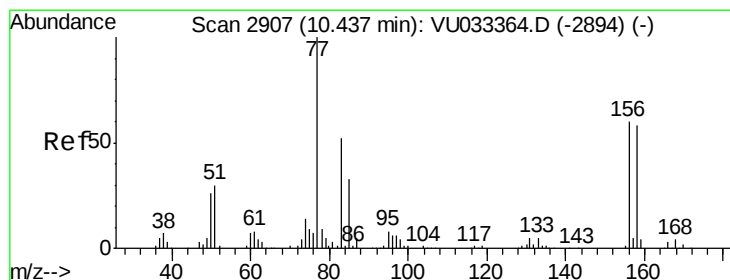
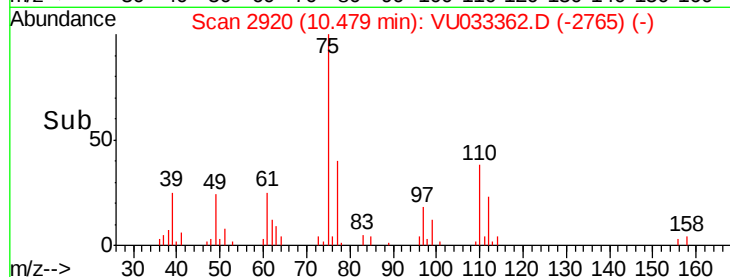
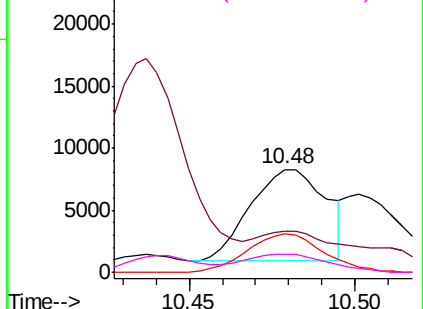
#71
1,2,3-Trichloropropane
Concen: 1.877 ug/l
RT: 10.48 min Scan# 2920
Delta R.T. -0.00 min
Lab File: VU033362.D
Acq: 22 Jul 2019 20:08

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

Tgt Ion:	75	Resp:	11860
Ion	Ratio	Lower	Upper
75	100		
77	64.2	0.0	18.2#
110	41.6	0.0	71.4
97	21.6	0.0	37.8

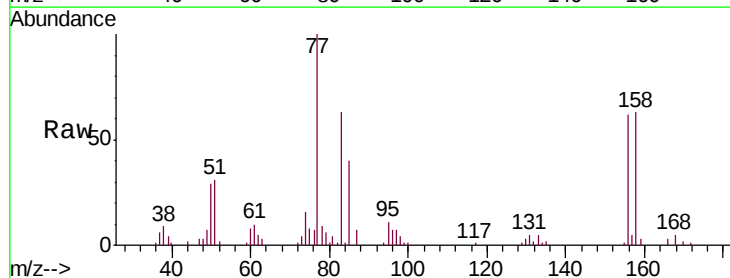


Abundance Ion 75.00 (74.70 to 75.70): VU033362.D (-2911) (-)
Ion 77.00 (76.70 to 77.70): VU033362.D (-2911) (-)
Ion 110.00 (109.70 to 110.70): VU033362.D (-2911) (-)
Ion 97.00 (96.70 to 97.70): VU033362.D (-2911) (-)

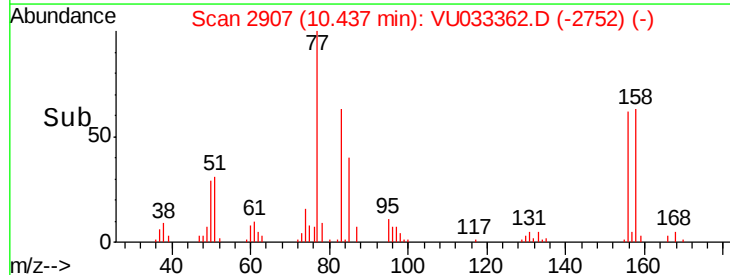
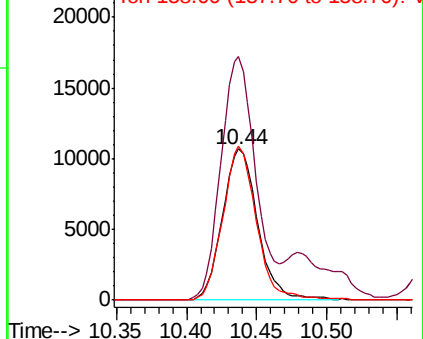


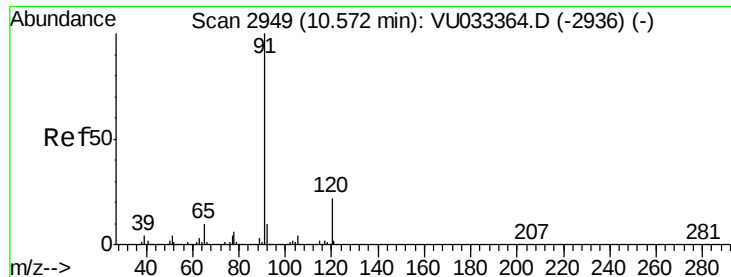
#72
Bromobenzene
Concen: 2.306 ug/l
RT: 10.44 min Scan# 2907
Delta R.T. -0.00 min
Lab File: VU033362.D
Acq: 22 Jul 2019 20:08

Tgt Ion:	156	Resp:	18618
Ion	Ratio	Lower	Upper
156	100		
77	158.8	0.0	324.4
158	97.5	0.0	192.4



Abundance Ion 156.00 (155.70 to 156.70): VU033362.D (-2894) (-)
Ion 77.00 (76.70 to 77.70): VU033362.D (-2894) (-)
Ion 158.00 (157.70 to 158.70): VU033362.D (-2894) (-)





#73

n-propylbenzene

Concen: 2.225 ug/l

RT: 10.57 min Scan# 2949

Delta R.T. -0.00 min

Lab File: VU033362.D

Acq: 22 Jul 2019 20:08

Instrument :

MSVOA_U

ClientSampleId :

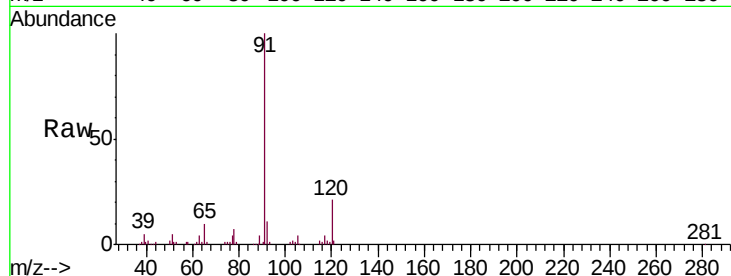
VSTDIC002

Tgt Ion:120 Resp: 18497

Ion Ratio Lower Upper

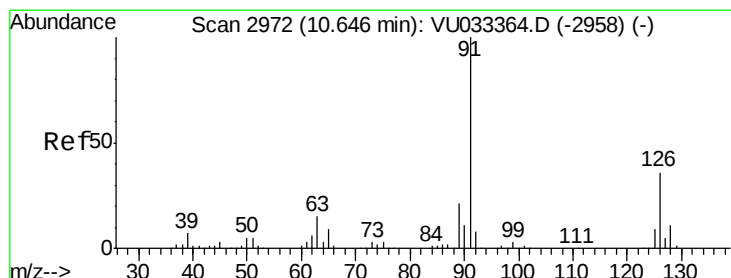
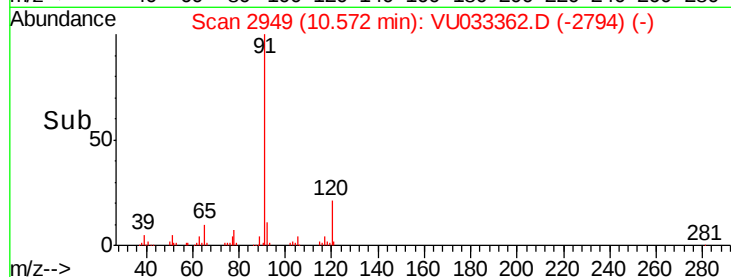
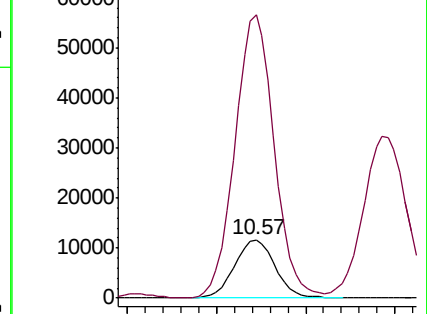
120 100

91 466.4 355.1 532.7



Abundance Ion 120.00 (119.70 to 120.70): V

Ion 91.00 (90.70 to 91.70): VU0



#74

2-Chlorotoluene

Concen: 2.235 ug/l

RT: 10.64 min Scan# 2971

Delta R.T. -0.00 min

Lab File: VU033362.D

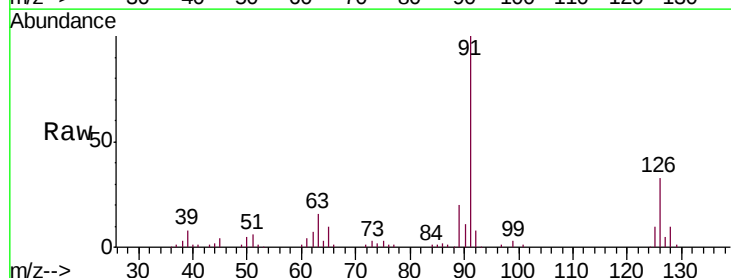
Acq: 22 Jul 2019 20:08

Tgt Ion:126 Resp: 17631

Ion Ratio Lower Upper

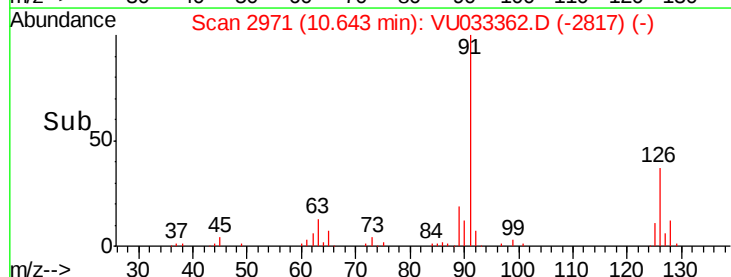
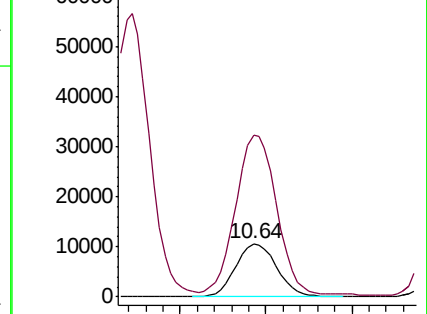
126 100

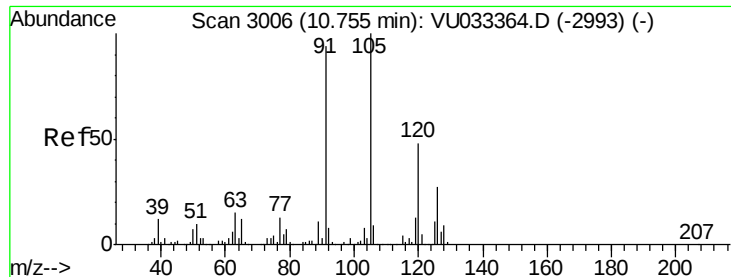
91 304.7 0.0 598.0



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0





#75

1,3,5-Trimethylbenzene

Concen: 2.177 ug/l

RT: 10.76 min Scan# 3006

Delta R.T. -0.00 min

Lab File: VU033362.D

Acq: 22 Jul 2019 20:08

Instrument :

MSVOA_U

ClientSampleId :

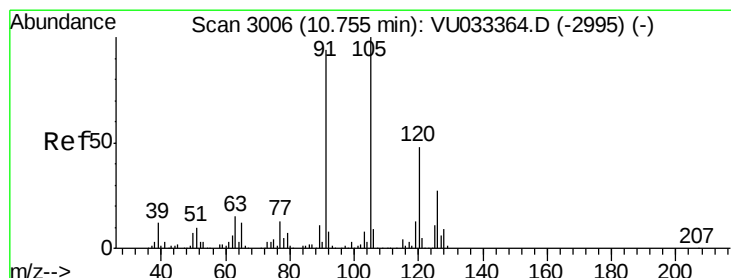
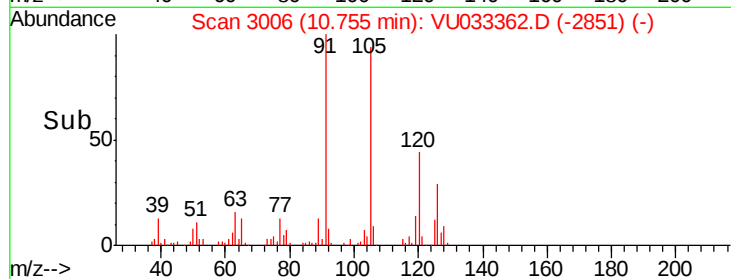
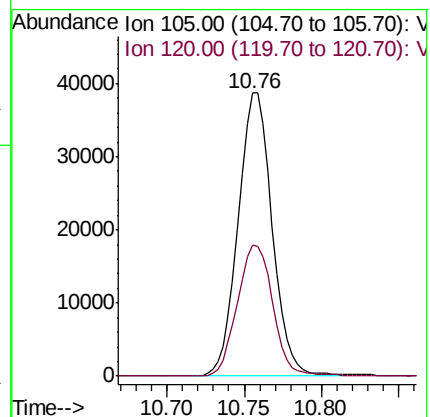
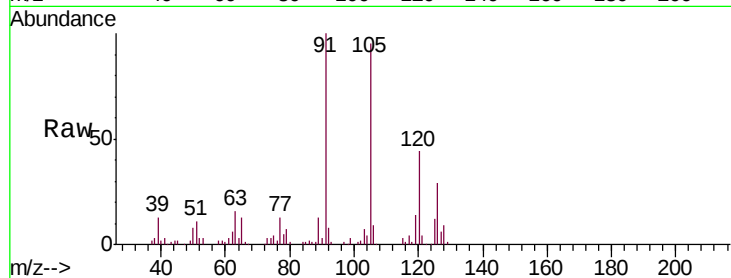
VSTDIC002

Tgt Ion:105 Resp: 59226

Ion Ratio Lower Upper

105 100

120 48.3 38.2 57.4



#76

4-Chlorotoluene

Concen: 2.435 ug/l

RT: 10.76 min Scan# 3006

Delta R.T. -0.00 min

Lab File: VU033362.D

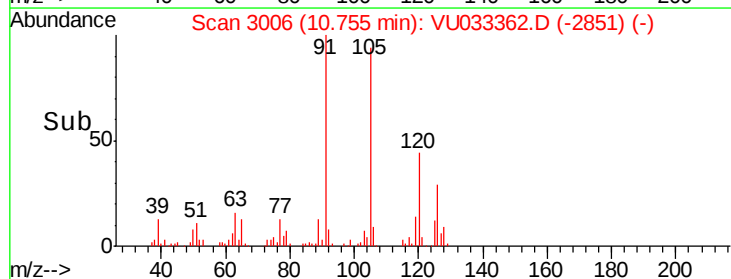
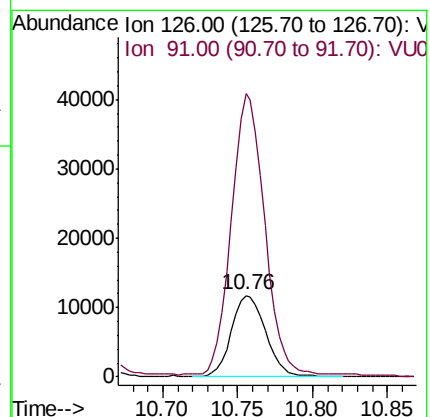
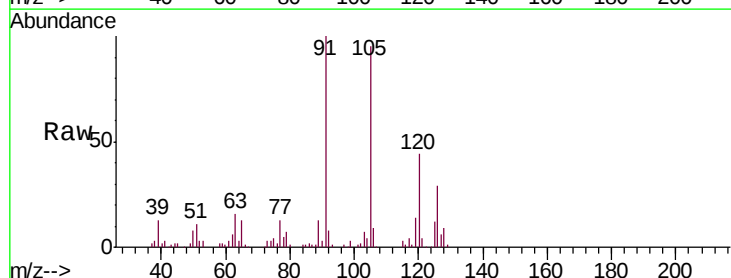
Acq: 22 Jul 2019 20:08

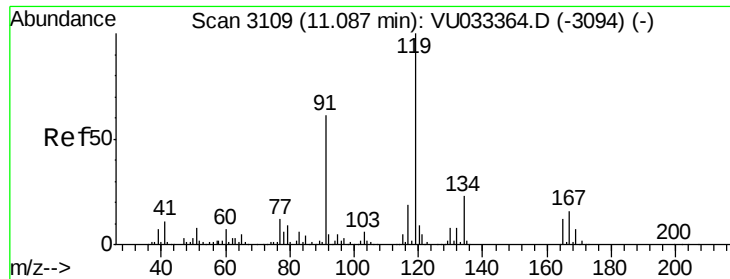
Tgt Ion:126 Resp: 18884

Ion Ratio Lower Upper

126 100

91 331.3 0.0 681.0

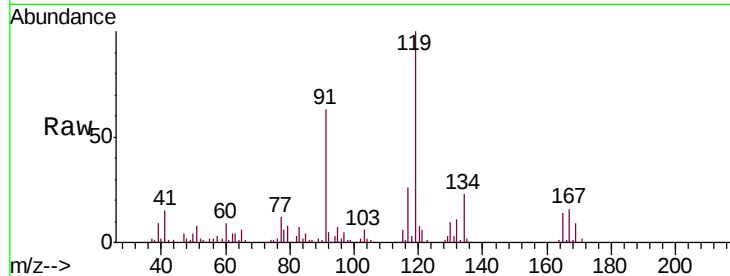




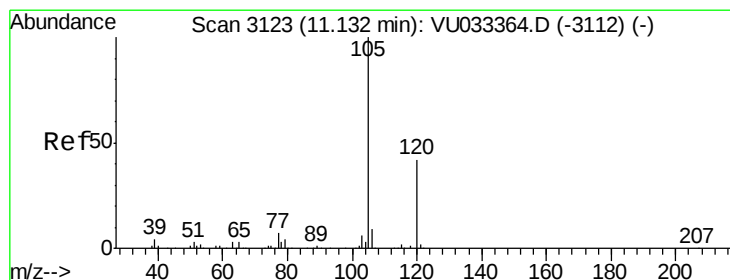
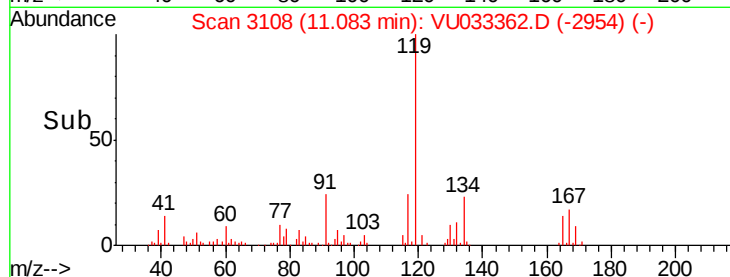
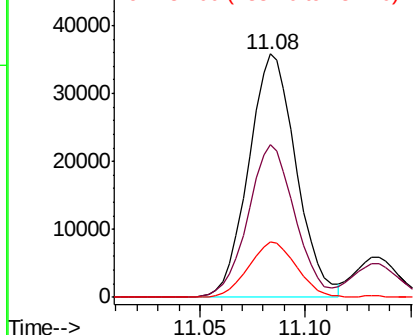
#77
 tert-Butylbenzene
 Concen: 2.194 ug/l
 RT: 11.08 min Scan# 3108
 Delta R.T. -0.00 min
 Lab File: VU033362.D
 Acq: 22 Jul 2019 20:08

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC002

Tgt Ion:119 Resp: 56091
 Ion Ratio Lower Upper
 119 100
 91 62.0 30.4 91.3
 134 22.9 18.5 27.7

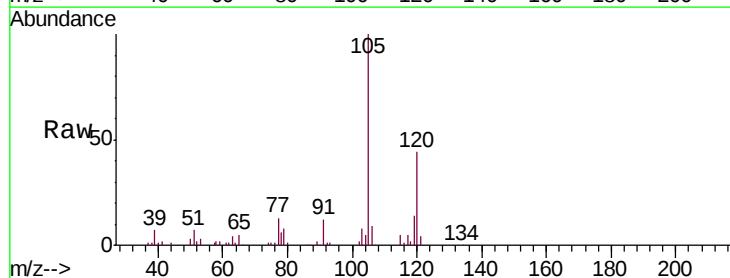


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

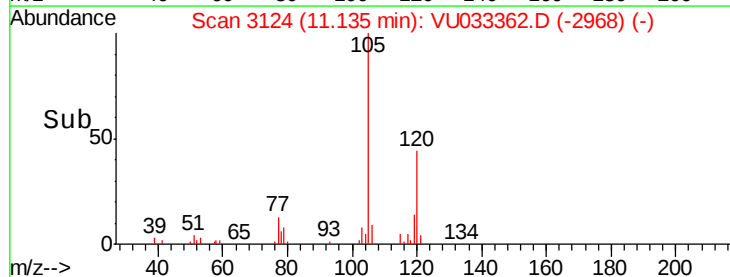
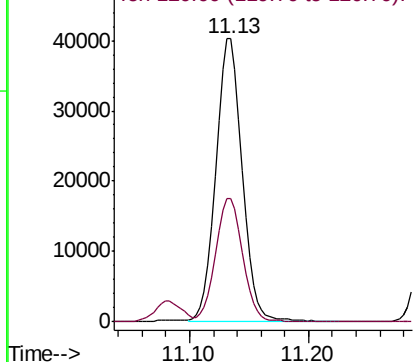


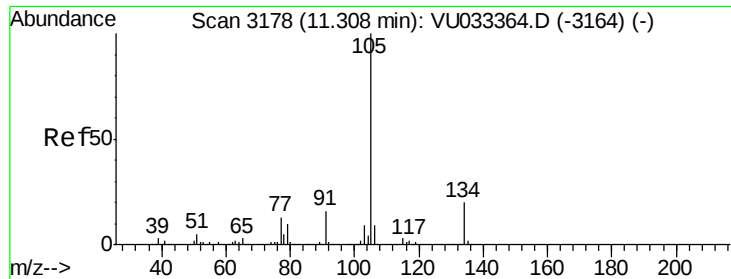
#78
 1,2,4-Trimethylbenzene
 Concen: 2.246 ug/l
 RT: 11.13 min Scan# 3124
 Delta R.T. 0.00 min
 Lab File: VU033362.D
 Acq: 22 Jul 2019 20:08

Tgt Ion:105 Resp: 61947
 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

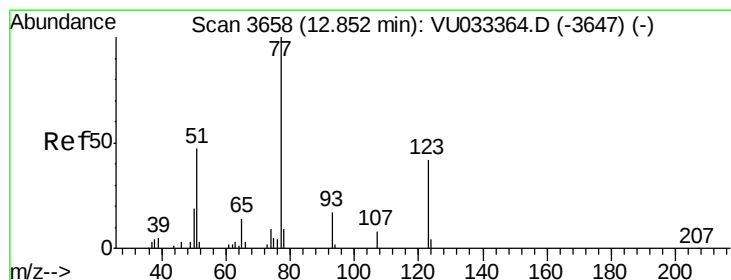
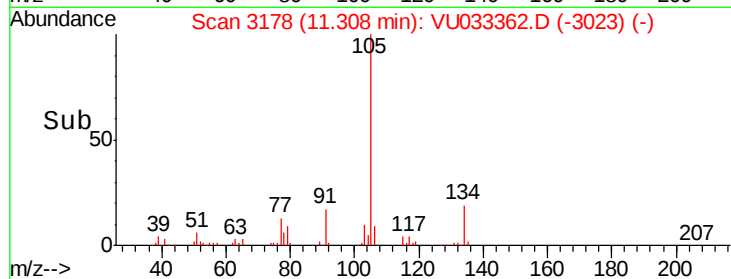
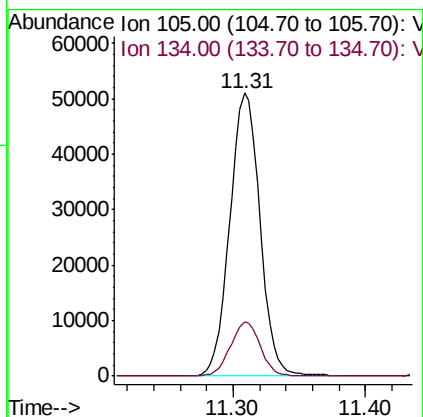
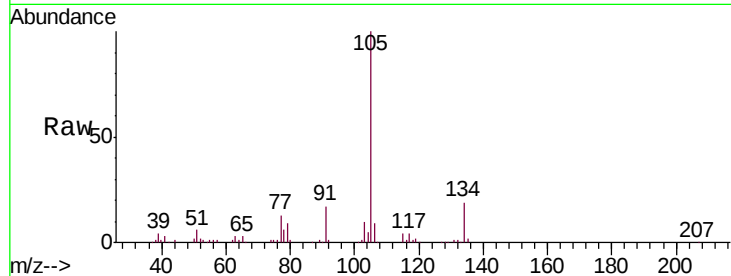




#79
 sec-Butylbenzene
 Concen: 2.312 ug/l
 RT: 11.31 min Scan# 3178
 Delta R.T. -0.00 min
 Lab File: VU033362.D
 Acq: 22 Jul 2019 20:08

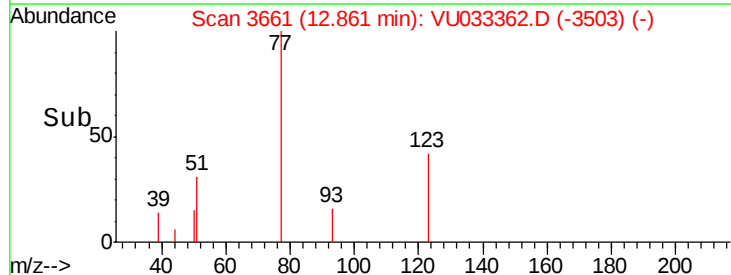
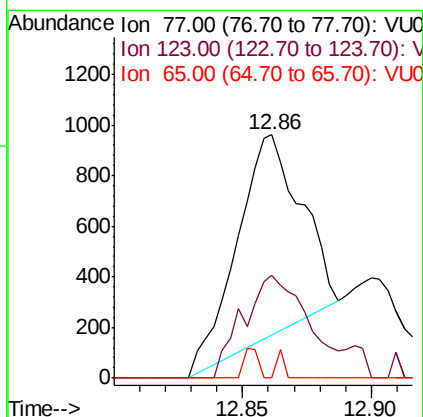
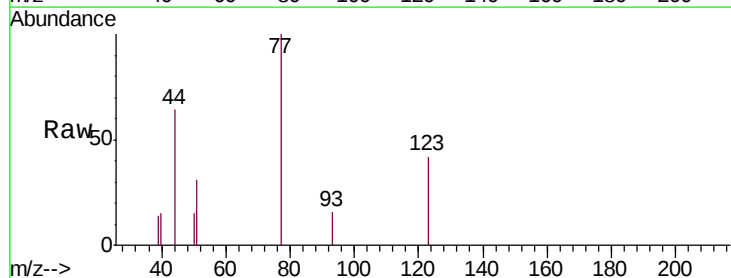
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC002

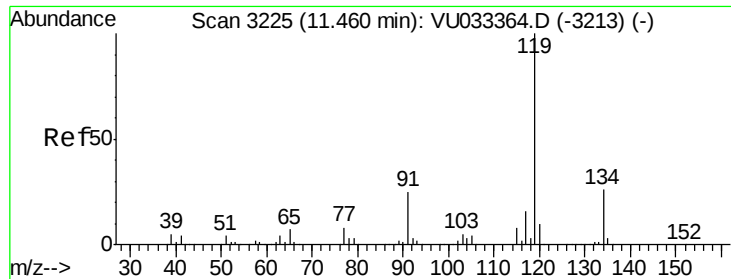
Tgt Ion: 105 Resp: 80689
 Ion Ratio Lower Upper
 105 100
 134 19.0 15.5 23.3



#80
 Nitrobenzene
 Concen: 6.519 ug/l
 RT: 12.86 min Scan# 3661
 Delta R.T. 0.01 min
 Lab File: VU033362.D
 Acq: 22 Jul 2019 20:08

Tgt Ion: 77 Resp: 1404
 Ion Ratio Lower Upper
 77 100
 123 39.2 19.3 68.3
 65 1.5 10.1 12.9#

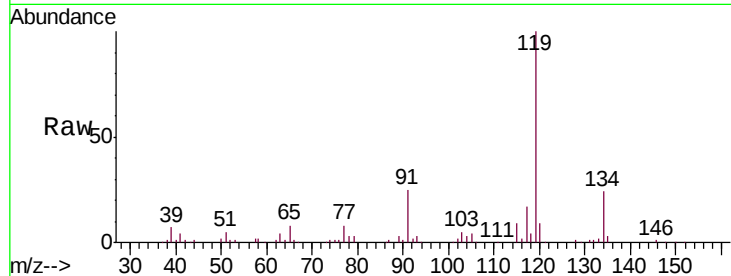




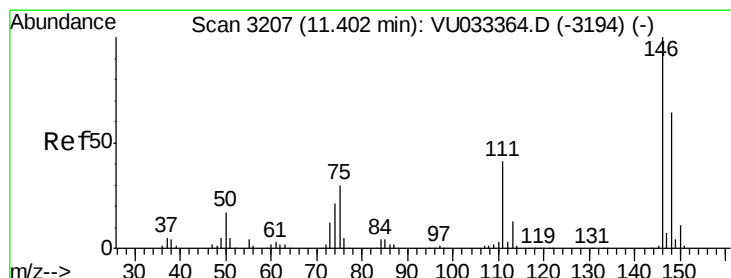
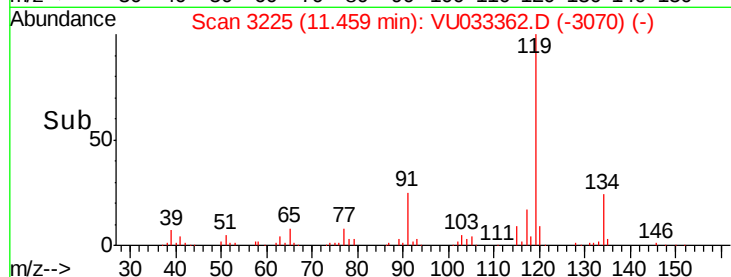
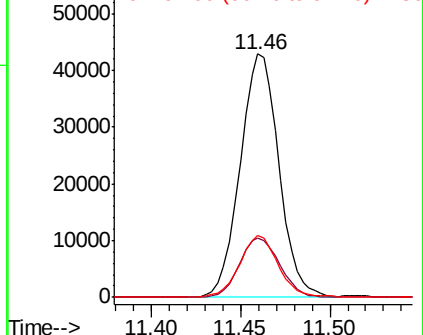
#81
 p-Isopropyltoluene
 Concen: 2.353 ug/l
 RT: 11.46 min Scan# 3225
 Delta R.T. -0.00 min
 Lab File: VU033362.D
 Acq: 22 Jul 2019 20:08

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC002

Tgt Ion:119 Resp: 64935
 Ion Ratio Lower Upper
 119 100
 134 25.4 21.0 31.4
 91 25.3 19.8 29.6

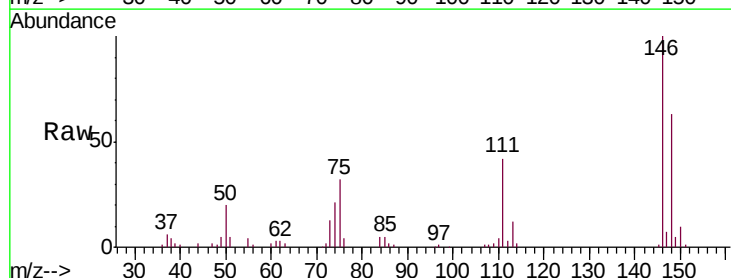


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 134.00 (133.70 to 134.70): V
 Ion 91.00 (90.70 to 91.70): V

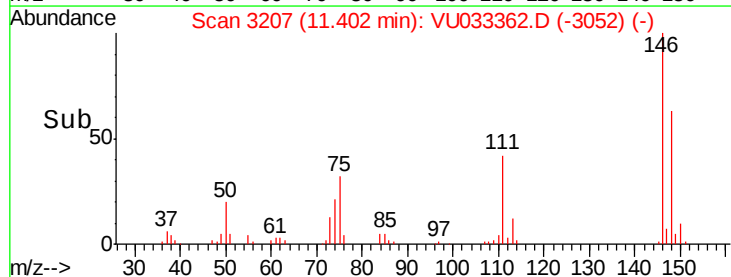
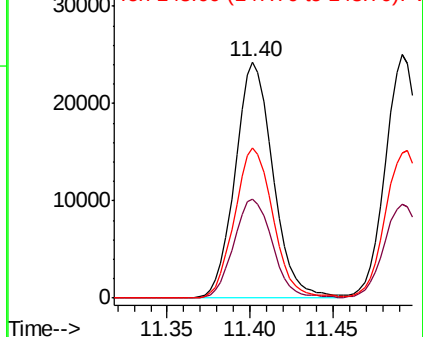


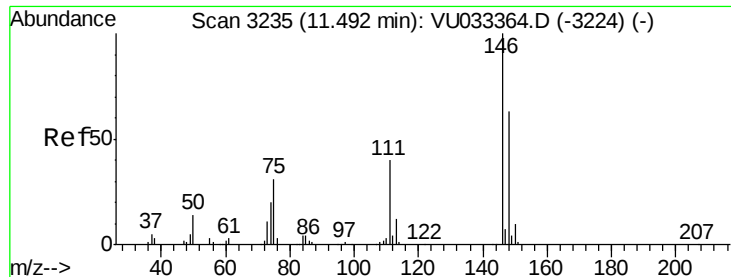
#82
 1,3-Dichlorobenzene
 Concen: 2.390 ug/l
 RT: 11.40 min Scan# 3207
 Delta R.T. -0.00 min
 Lab File: VU033362.D
 Acq: 22 Jul 2019 20:08

Tgt Ion:146 Resp: 38621
 Ion Ratio Lower Upper
 146 100
 111 42.7 33.3 49.9
 148 64.7 50.8 76.2



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

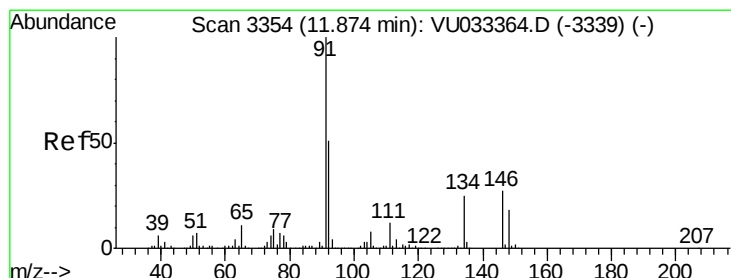
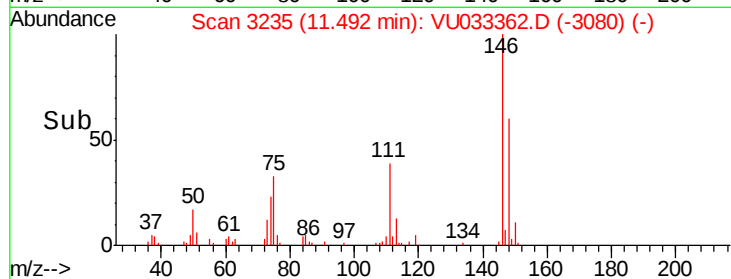
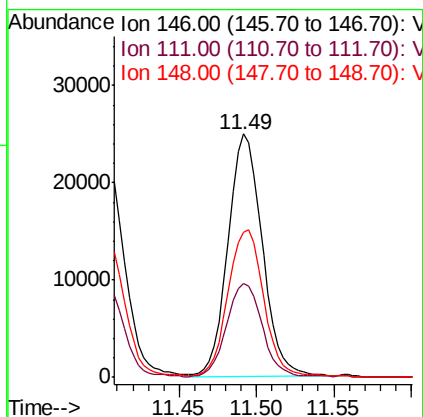
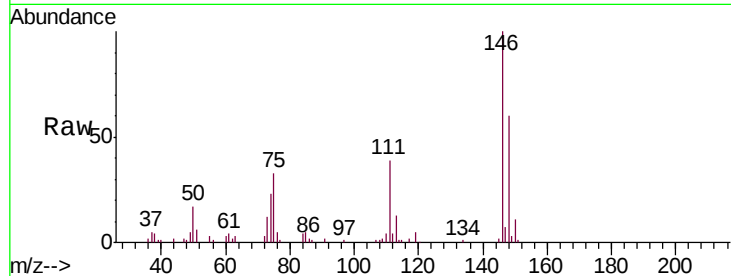




#83
 1,4-Dichlorobenzene
 Concen: 2.437 ug/l
 RT: 11.49 min Scan# 3235
 Delta R.T. -0.00 min
 Lab File: VU033362.D
 Acq: 22 Jul 2019 20:08

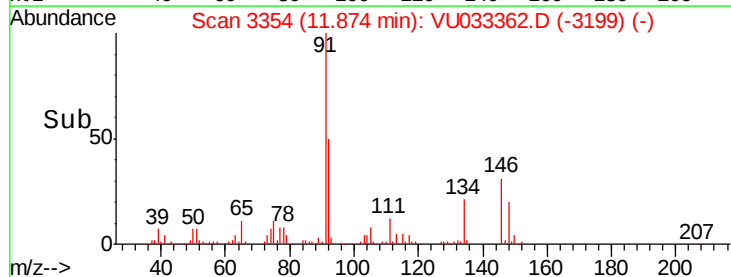
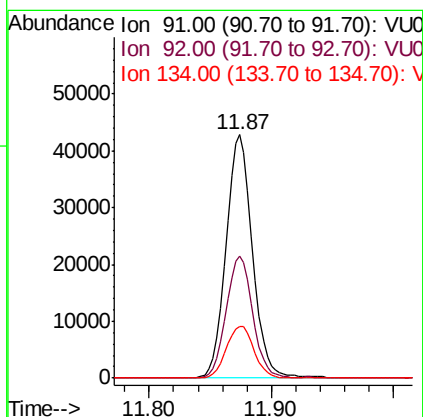
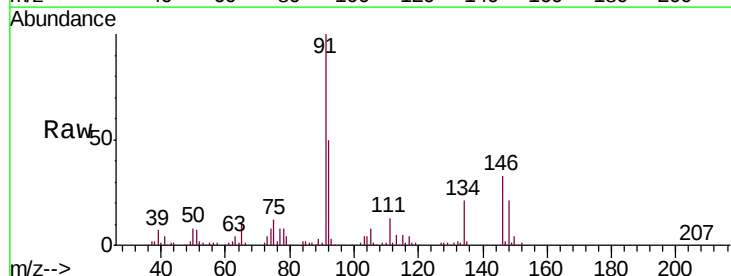
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC002

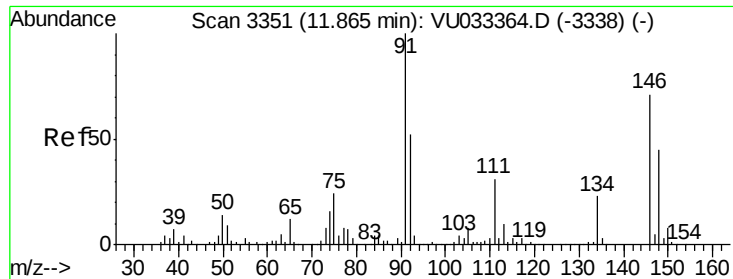
Tgt Ion:146 Resp: 37985
 Ion Ratio Lower Upper
 146 100
 111 41.0 32.2 48.4
 148 63.8 51.0 76.4



#84
 n-Butylbenzene
 Concen: 2.440 ug/l
 RT: 11.87 min Scan# 3354
 Delta R.T. -0.00 min
 Lab File: VU033362.D
 Acq: 22 Jul 2019 20:08

Tgt Ion: 91 Resp: 65160
 Ion Ratio Lower Upper
 91 100
 92 50.3 41.0 61.6
 134 22.2 19.5 29.3

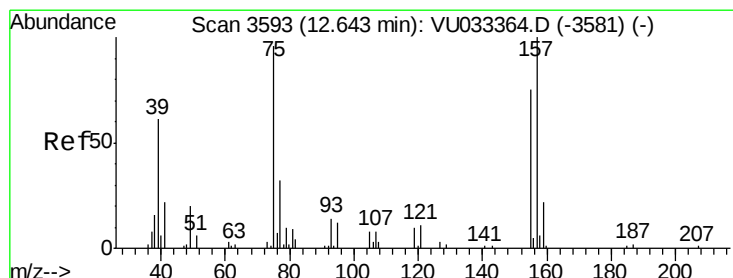
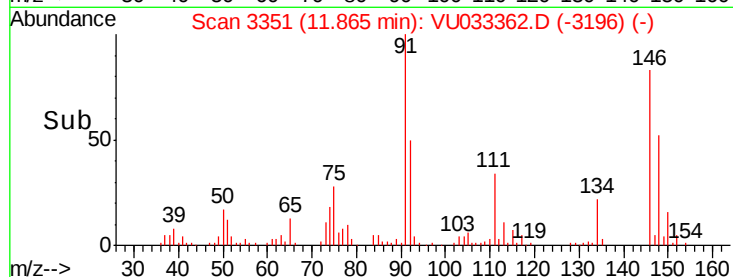
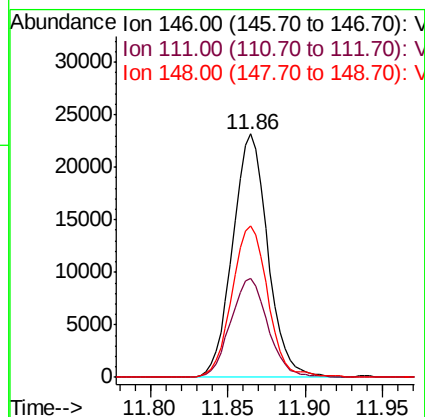
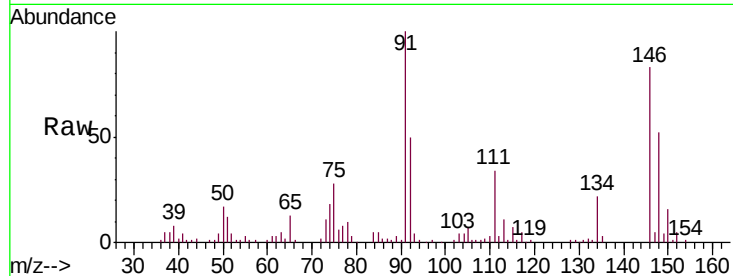




#85
 1,2-Dichlorobenzene
 Concen: 2.370 ug/l
 RT: 11.86 min Scan# 3351
 Delta R.T. -0.00 min
 Lab File: VU033362.D
 Acq: 22 Jul 2019 20:08

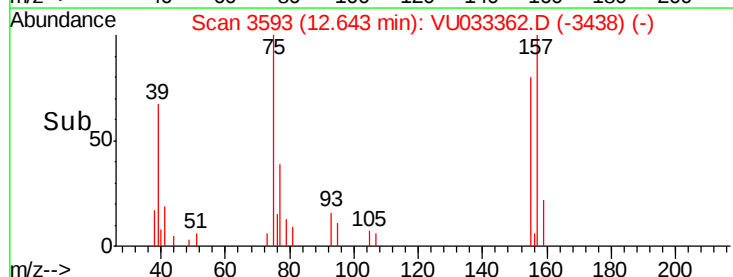
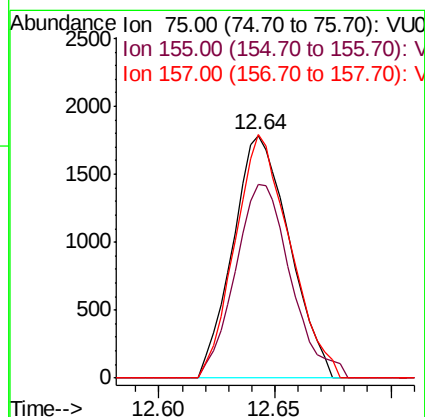
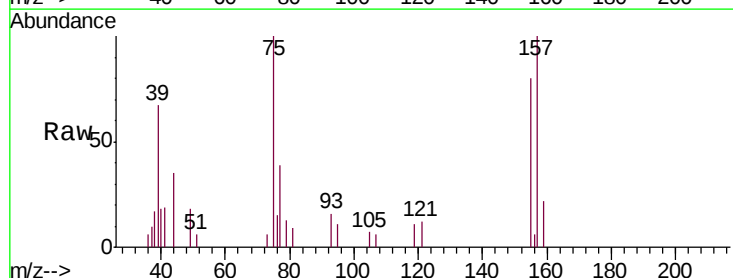
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC002

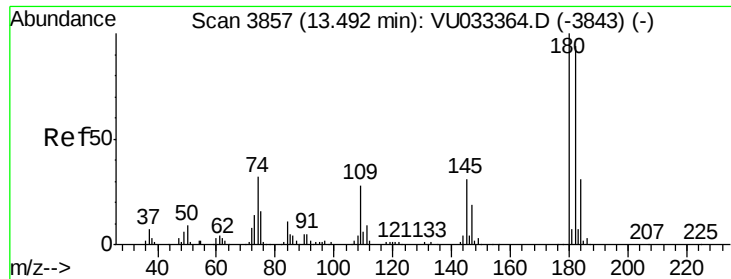
Tgt Ion: 146 Resp: 36501
 Ion Ratio Lower Upper
 146 100
 111 42.9 21.7 65.1
 148 63.7 32.0 96.0



#86
 1,2-Dibromo-3-Chloropropane
 Concen: 2.397 ug/l
 RT: 12.64 min Scan# 3593
 Delta R.T. -0.00 min
 Lab File: VU033362.D
 Acq: 22 Jul 2019 20:08

Tgt Ion: 75 Resp: 3021
 Ion Ratio Lower Upper
 75 100
 155 78.3 63.3 94.9
 157 97.5 82.5 123.7

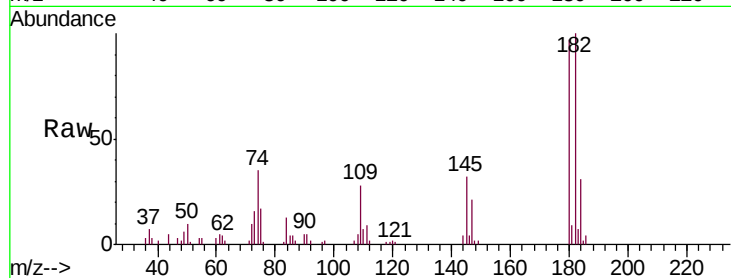




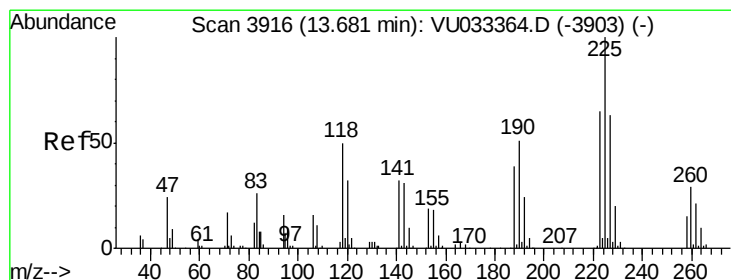
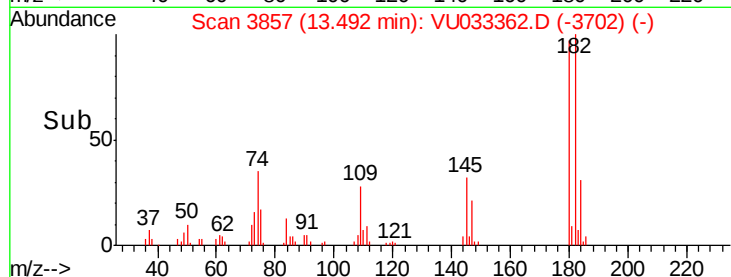
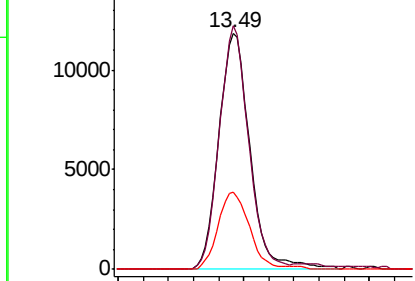
#87
 1,2,4-Trichlorobenzene
 Concen: 2.563 ug/l
 RT: 13.49 min Scan# 3857
 Delta R.T. -0.00 min
 Lab File: VU033362.D
 Acq: 22 Jul 2019 20:08

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC002

Tgt Ion:180 Resp: 20468
 Ion Ratio Lower Upper
 180 100
 182 96.3 76.2 114.4
 145 33.2 25.0 37.4

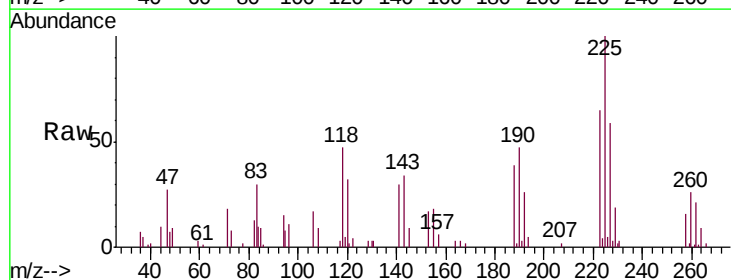


Abundance Ion 179.70 (179.40 to 180.40): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

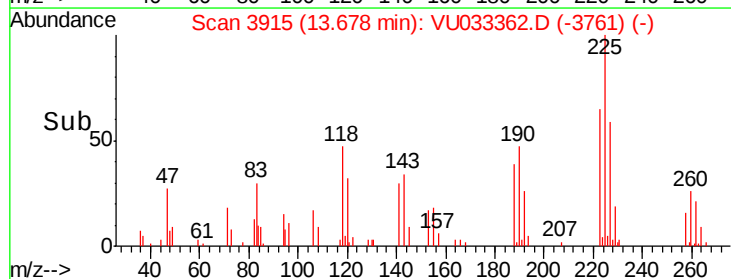
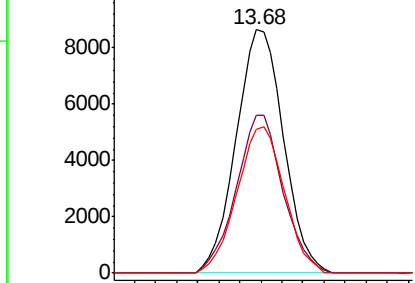


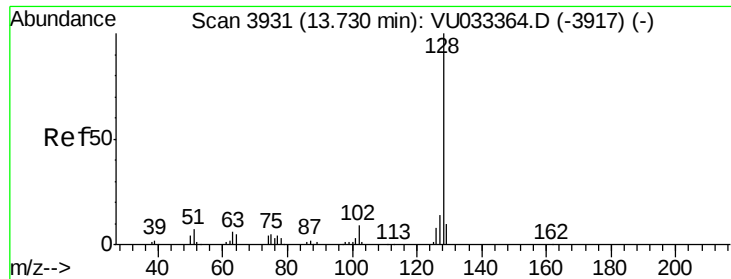
#88
 Hexachlorobutadiene
 Concen: 2.405 ug/l
 RT: 13.68 min Scan# 3915
 Delta R.T. -0.00 min
 Lab File: VU033362.D
 Acq: 22 Jul 2019 20:08

Tgt Ion:225 Resp: 13496
 Ion Ratio Lower Upper
 225 100
 223 63.9 52.2 78.4
 227 60.1 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: 2.383 ug/l

RT: 13.73 min Scan# 3932

Delta R.T. 0.00 min

Lab File: VU033362.D

Acq: 22 Jul 2019 20:08

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC002

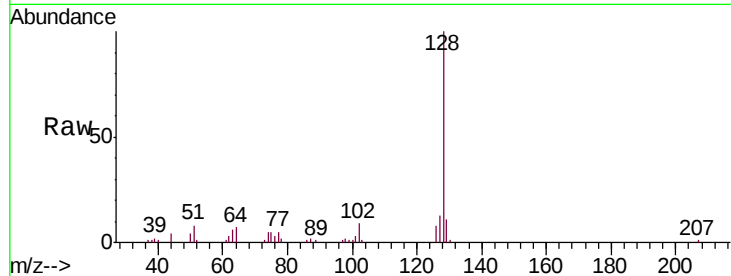
Tgt Ion:128 Resp: 33386

Ion Ratio Lower Upper

128 100

127 14.4 10.8 16.2

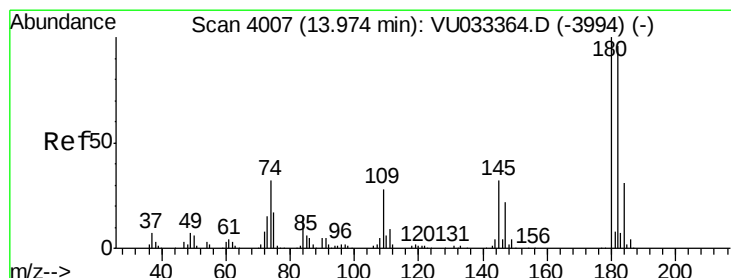
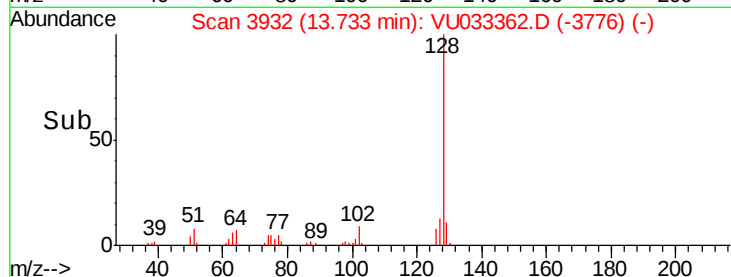
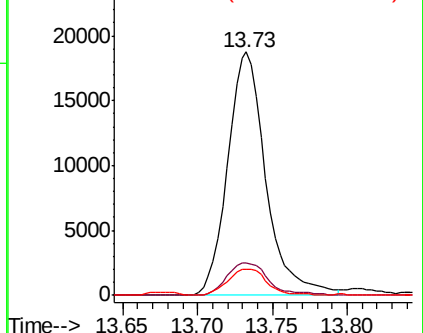
129 11.0 8.5 12.7



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: 2.489 ug/l

RT: 13.97 min Scan# 4007

Delta R.T. -0.00 min

Lab File: VU033362.D

Acq: 22 Jul 2019 20:08

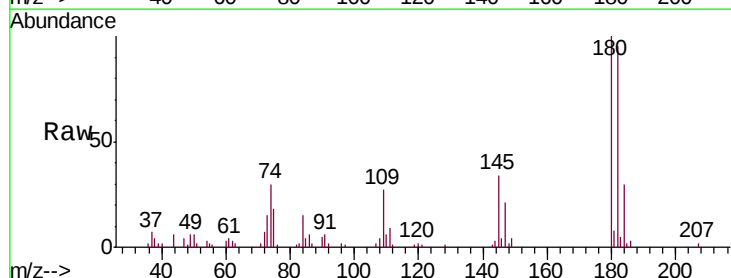
Tgt Ion:180 Resp: 20225

Ion Ratio Lower Upper

180 100

182 96.7 77.9 116.9

145 33.4 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

