

Data File : VU033368.D
Acq On : 23 Jul 2019 08:54
Operator : JC/SP
Sample : VSTDCCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Quant Time: Jul 24 02:25:19 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U072219DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Tue Jul 23 03:43:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	5.72	96	32747	1.00	ug/l	0.00

System Monitoring Compounds

57) 4-Bromofluorobenzene	10.29	95	14826	1.15	ug/l	0.00
Spiked Amount 1.000			Recovery	=	115.00%	
68) 1,2-Dichlorobenzene-d4	11.85	152	13425	1.01	ug/l	0.00
Spiked Amount 1.000			Recovery	=	101.00%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	135620	10.014 ug/l	98
3) Chloromethane	1.32	50	133762	8.948 ug/l	98
4) Vinyl Chloride	1.40	62	155037	9.295 ug/l	100
5) Bromomethane	1.62	94	95796	9.123 ug/l	100
6) Chloroethane	1.69	64	96931	8.275 ug/l	99
7) Trichlorofluoromethane	1.88	101	216574	9.456 ug/l	99
8) 1,1,2-Trichloro-1,2,2-trif	2.27	101	112569	9.528 ug/l	99
9) 1,1-Dichloroethene	2.27	96	110089	9.461 ug/l	99
10) Iodomethane	2.40	142	143720	9.190 ug/l	99
11) Allyl Chloride	2.58	41	175489	9.139 ug/l	99
12) Acrylonitrile	2.92	53	52410	16.135 ug/l	99
13) Acetone	2.31	43	134061	48.375 ug/l	100
14) Carbon Disulfide	2.46	76	410603	9.287 ug/l	99
15) Methylene Chloride	2.68	84	129907	8.278 ug/l	97
16) trans-1,2-Dichloroethene	2.96	96	123694	8.951 ug/l	98
17) 1,1-Dichloroethane	3.42	63	184010	9.922 ug/l	99
18) 2-Butanone	4.25	43	136430	51.578 ug/l	96
19) Cyclohexane	4.97	56	127829	9.392 ug/l	87
20) Methylcyclohexane	6.39	83	161615	11.795 ug/l	98
21) 2,2-Dichloropropane	4.20	77	163788	10.423 ug/l	99
22) cis-1,2-Dichloroethene	4.20	96	105284	10.054 ug/l	99
23) Diethyl Ether	2.09	59	90175	8.990 ug/l	98
24) tert-Butyl Alcohol	2.82	59	99392	79.927 ug/l	100
25) Methyl tert-Butyl Ether	2.98	73	298627	8.913 ug/l	98
26) Bromochloromethane	4.52	128	43614	9.471 ug/l	99
27) Chloroform	4.65	83	188565	8.897 ug/l	99
28) 1,1,1-Trichloroethane	4.89	97	160177	9.761 ug/l	99
29) 1,1-Dichloropropene	5.11	75	141959	10.489 ug/l	99
30) Carbon Tetrachloride	5.11	117	145438	10.070 ug/l	98
31) Isopropyl Ether	3.56	45	240848	10.275 ug/l	98
32) Ethyl-t-butyl ether	4.05	59	234693	10.415 ug/l	99
33) Tert-Amyl methyl ether	5.56	73	216892	10.703 ug/l	100
34) Propionitrile	4.31	54	35450	46.719 ug/l #	96
35) Benzene	5.36	78	403375	10.315 ug/l	100
36) 1,2-Dichloroethane	5.38	62	123991	9.527 ug/l	99
37) Trichloroethene	6.16	130	106935	10.361 ug/l	99
38) 1,2-Dichloropropane	6.41	63	106549	9.875 ug/l	100
39) Methacrylonitrile	4.52	41	29486	9.790 ug/l	95
40) Methyl acrylate	4.40	55	49658	10.597 ug/l	97
41) Tetrahydrofuran	4.63	42	29330	19.420 ug/l	97
42) 1-Chlorobutane	5.04	56	186023	10.251 ug/l	97

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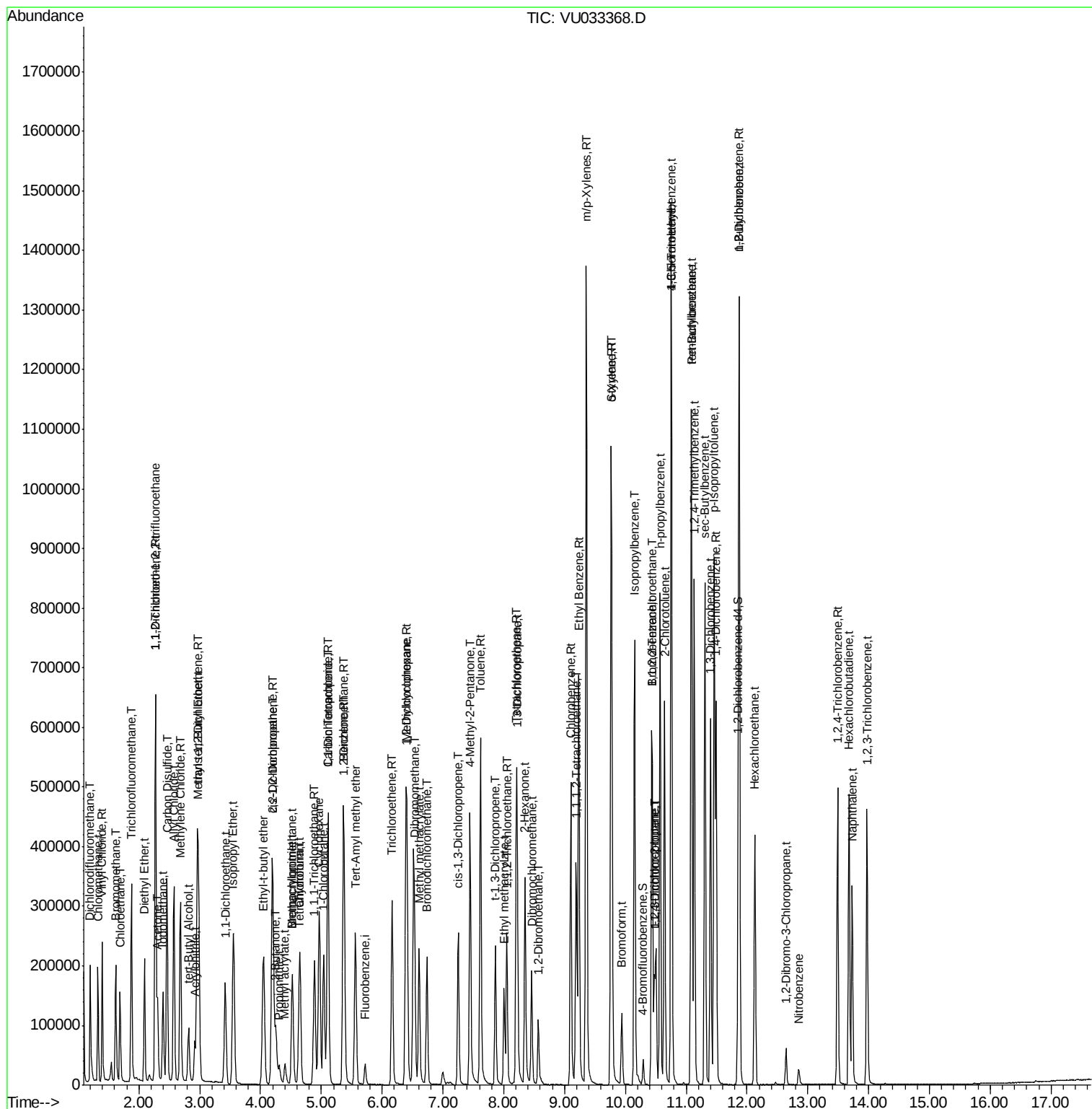
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.54	93	57776	9.672	ug/l	100
44) Bromodichloromethane	6.74	83	139033	9.654	ug/l	97
45) 4-Methyl-2-Pentanone	7.45	43	308090	50.573	ug/l	100
46) t-1,4-Dichloro-2-butene	10.48	75	57468	23.374	ug/l	95
47) Methyl methacrylate	6.61	69	94766	20.815	ug/l	99
48) Ethyl methacrylate	8.00	69	88278	11.001	ug/l	99
49) Toluene	7.62	92	253388	11.311	ug/l	99
50) t-1,3-Dichloropropene	7.86	75	129153	10.751	ug/l	98
51) cis-1,3-Dichloropropene	7.25	75	152103	10.724	ug/l	100
52) 1,1,2-Trichloroethane	8.05	97	74959	9.390	ug/l	96
53) 1,3-Dichloropropane	8.22	76	134671	9.983	ug/l	100
54) 2-Hexanone	8.35	43	229586	53.537	ug/l	99
55) Dibromochloromethane	8.46	129	94777	10.164	ug/l	98
56) 1,2-Dibromoethane	8.57	107	71782	9.647	ug/l	99
58) Tetrachloroethene	8.21	164	99641	10.646	ug/l	99
59) Chlorobenzene	9.10	112	280372	10.917	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.19	131	100172	10.271	ug/l	98
61) Pentachloroethane	11.09	117	80384	10.043	ug/l	99
62) Hexachloroethane	12.13	117	81254	10.492	ug/l	98
63) Ethyl Benzene	9.23	91	487612	11.824	ug/l	99
64) m/p-Xylenes	9.36	106	393583	23.870	ug/l	97
65) o-Xylene	9.76	106	184273	11.663	ug/l	98
66) Styrene	9.78	104	318315	11.876	ug/l	100
67) Bromoform	9.94	173	53033	10.508	ug/l	98
69) Isopropylbenzene	10.15	105	479799	11.843	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.44	83	100563	9.505	ug/l	100
71) 1,2,3-Trichloropropane	10.48	75	57468	7.036	ug/l #	84
72) Bromobenzene	10.44	156	116751	10.909	ug/l	100
73) n-propylbenzene	10.57	120	141284	12.234	ug/l	99
74) 2-Chlorotoluene	10.65	126	122496	11.619	ug/l	99
75) 1,3,5-Trimethylbenzene	10.76	105	439718	12.089	ug/l	100
76) 4-Chlorotoluene	10.76	126	129851	11.821	ug/l	97
77) tert-Butylbenzene	11.09	119	402318	11.671	ug/l	99
78) 1,2,4-Trimethylbenzene	11.13	105	456379	12.275	ug/l	100
79) sec-Butylbenzene	11.31	105	563481	11.876	ug/l	100
80) Nitrobenzene	12.85	77	15668	35.628	ug/l #	95
81) p-Isopropyltoluene	11.46	119	473453	12.273	ug/l	100
82) 1,3-Dichlorobenzene	11.40	146	244355	10.742	ug/l	99
83) 1,4-Dichlorobenzene	11.49	146	249954	11.107	ug/l	99
84) n-Butylbenzene	11.87	91	484317	12.269	ug/l	100
85) 1,2-Dichlorobenzene	11.86	146	225483	10.572	ug/l	100
86) 1,2-Dibromo-3-Chloropropan	12.64	75	16348	9.823	ug/l	98
87) 1,2,4-Trichlorobenzene	13.49	180	149725	11.799	ug/l	99
88) Hexachlorobutadiene	13.68	225	85267	10.894	ug/l	97
89) Naphthalene	13.73	128	262968	9.184	ug/l	100
90) 1,2,3-Trichlorobenzene	13.97	180	139790	11.350	ug/l	98

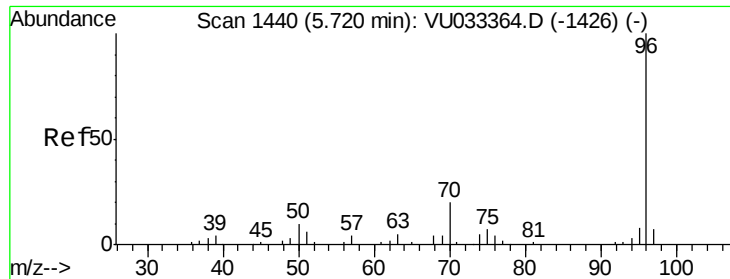
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 5.72 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VU033368.D

Acq: 23 Jul 2019 08:54

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 96 Resp: 32747

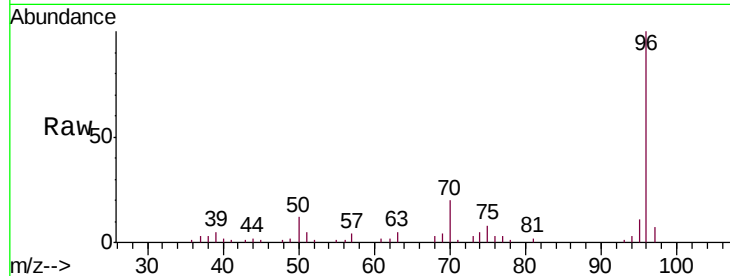
Ion Ratio Lower Upper

96 100

70 19.4 16.4 24.6

95 9.9 6.7 10.1

97 0.0 0.0 0.0

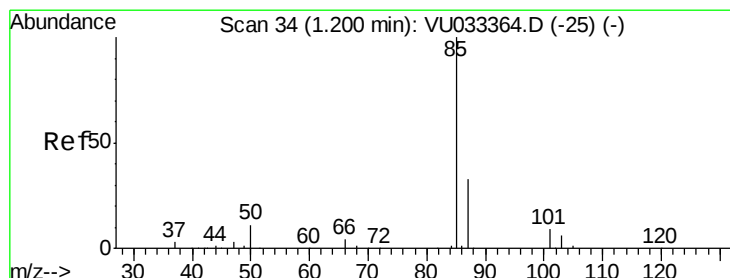
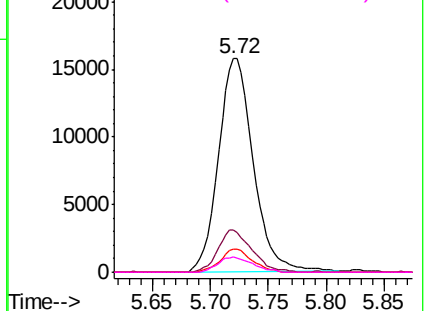
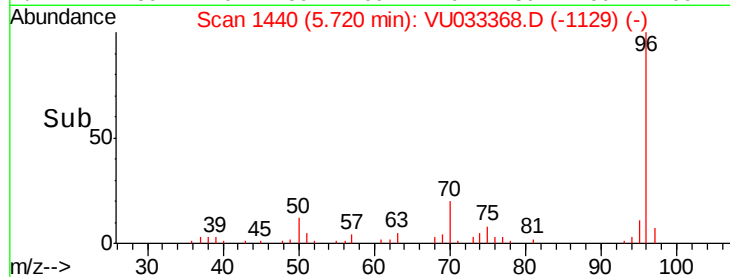


Abundance Ion 96.00 (95.70 to 96.70): VU033368.D (-1129) (-)

Ion 70.00 (69.70 to 70.70): VU033368.D (-1129) (-)

Ion 95.00 (94.70 to 95.70): VU033368.D (-1129) (-)

Ion 97.00 (96.70 to 97.70): VU033368.D (-1129) (-)



#2

Dichlorodifluoromethane

Concen: 10.014 ug/l

RT: 1.20 min Scan# 34

Delta R.T. -0.00 min

Lab File: VU033368.D

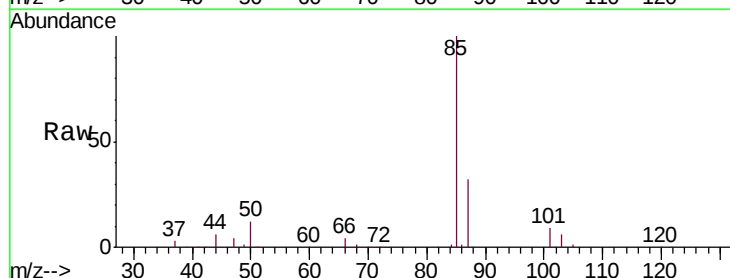
Acq: 23 Jul 2019 08:54

Tgt Ion: 85 Resp: 135620

Ion Ratio Lower Upper

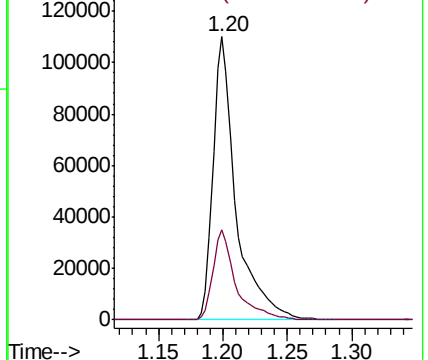
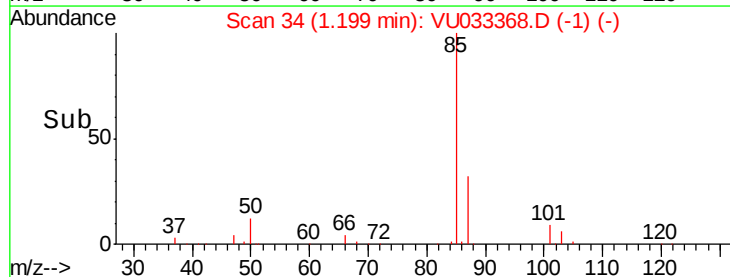
85 100

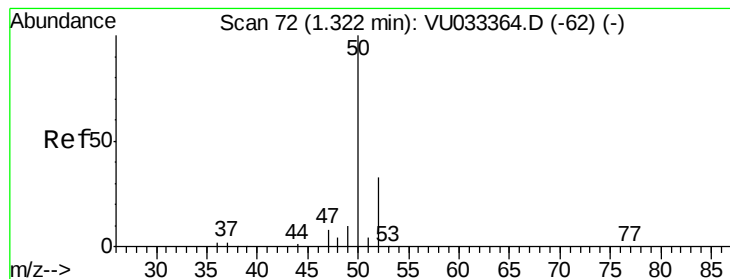
87 31.7 16.6 49.7



Abundance Ion 85.00 (84.70 to 85.70): VU033368.D (-1) (-)

Ion 87.00 (86.70 to 87.70): VU033368.D (-1) (-)





#3

Chloromethane

Concen: 8.948 ug/l

RT: 1.32 min Scan# 73

Delta R.T. 0.00 min

Lab File: VU033368.D

Acq: 23 Jul 2019 08:54

Instrument :

MSVOA_U

ClientSampleId :

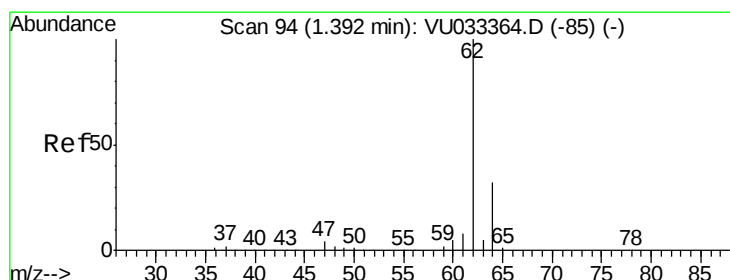
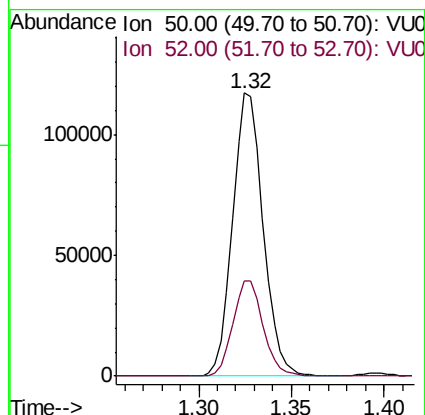
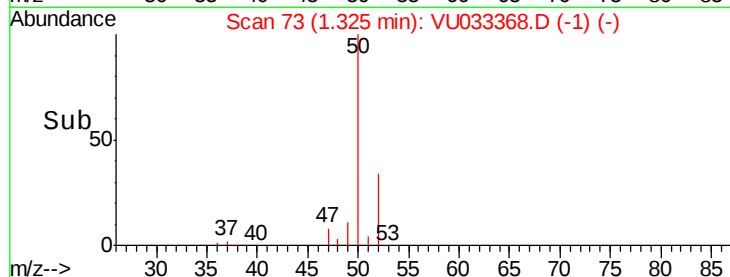
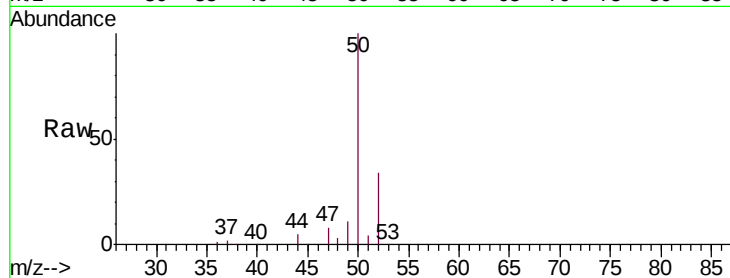
VSTDCCC010

Tgt Ion: 50 Resp: 133762

Ion Ratio Lower Upper

50 100

52 33.7 26.1 39.1



#4

Vinyl Chloride

Concen: 9.295 ug/l

RT: 1.40 min Scan# 95

Delta R.T. 0.00 min

Lab File: VU033368.D

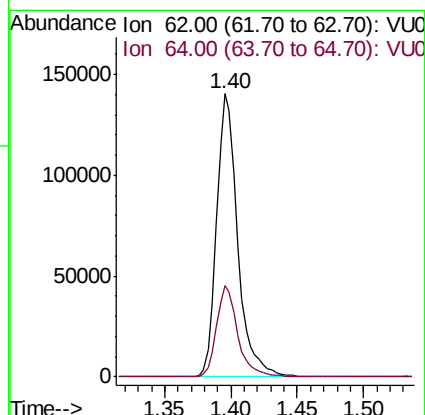
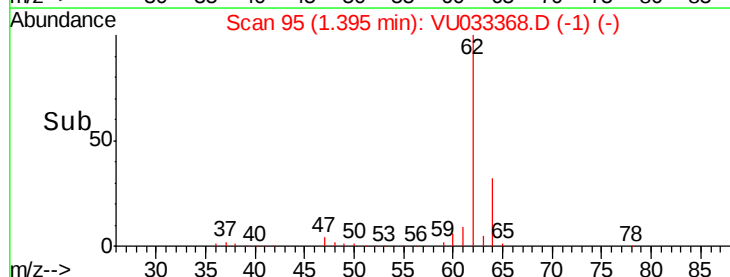
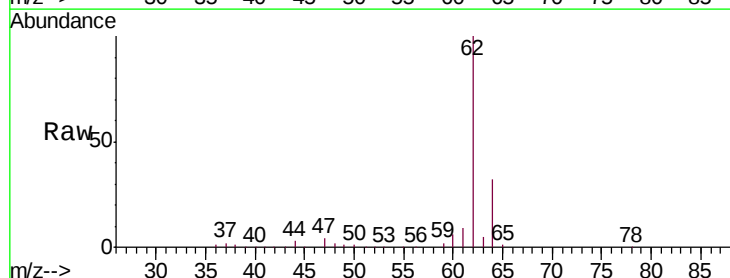
Acq: 23 Jul 2019 08:54

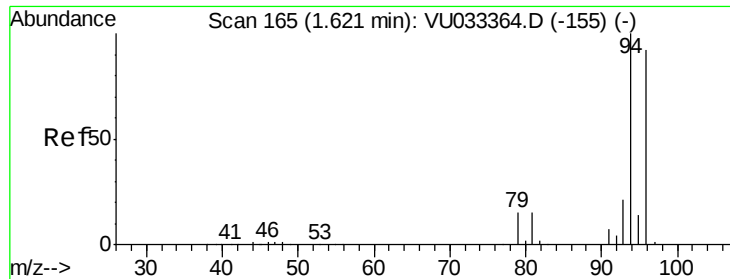
Tgt Ion: 62 Resp: 155037

Ion Ratio Lower Upper

62 100

64 32.1 25.6 38.4





#5

Bromomethane

Concen: 9.123 ug/l

RT: 1.62 min Scan# 164

Delta R.T. -0.00 min

Lab File: VU033368.D

Acq: 23 Jul 2019 08:54

Instrument :

MSVOA_U

ClientSampleId :

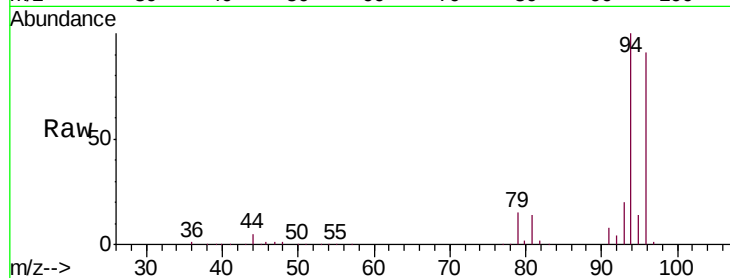
VSTDCCC010

Tgt Ion: 94 Resp: 95796

Ion Ratio Lower Upper

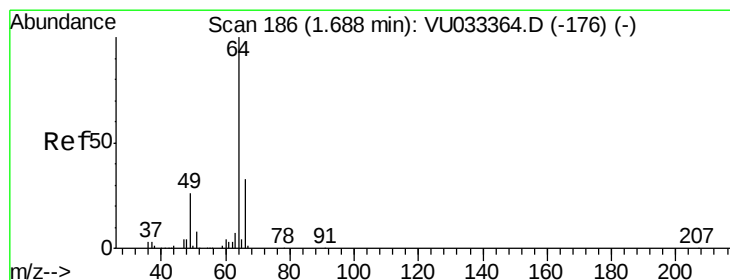
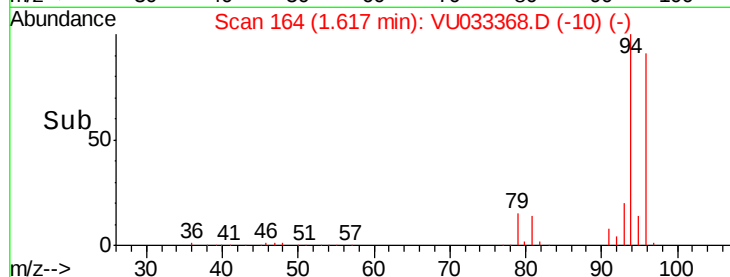
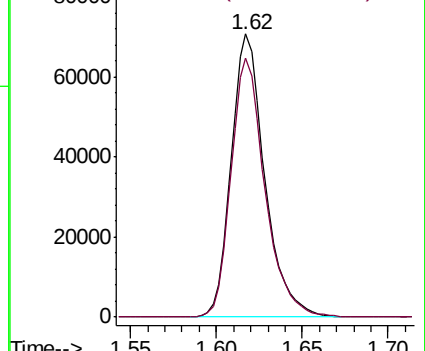
94 100

96 91.4 73.2 109.8



Abundance Ion 94.00 (93.70 to 94.70): VU0

Ion 96.00 (95.70 to 96.70): VU0



#6

Chloroethane

Concen: 8.275 ug/l

RT: 1.69 min Scan# 186

Delta R.T. -0.00 min

Lab File: VU033368.D

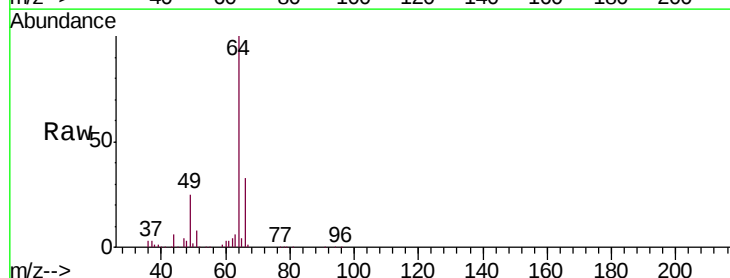
Acq: 23 Jul 2019 08:54

Tgt Ion: 64 Resp: 96931

Ion Ratio Lower Upper

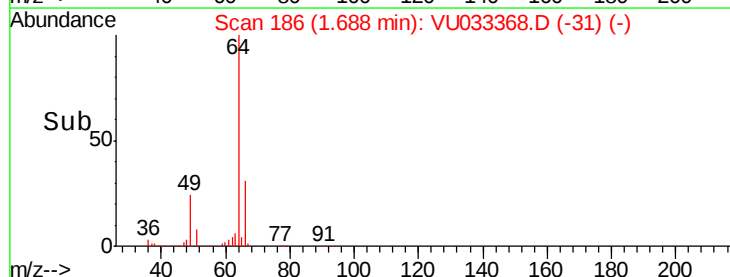
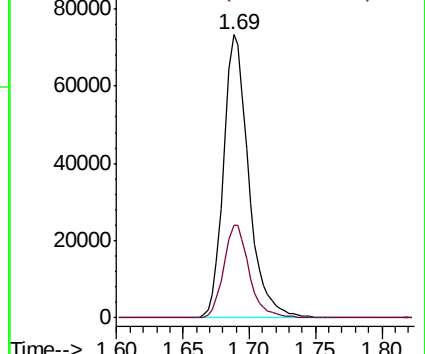
64 100

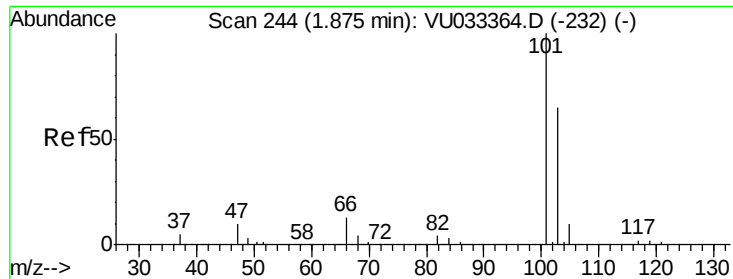
66 32.7 26.4 39.6



Abundance Ion 64.00 (63.70 to 64.70): VU0

Ion 66.00 (65.70 to 66.70): VU0



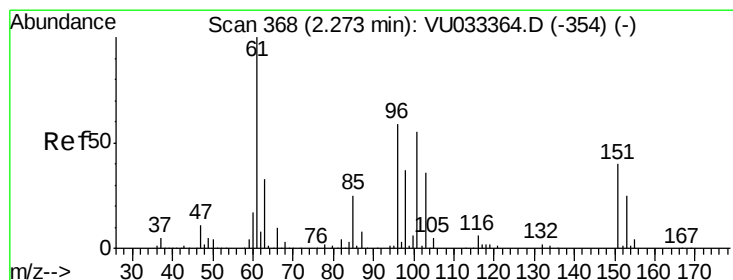
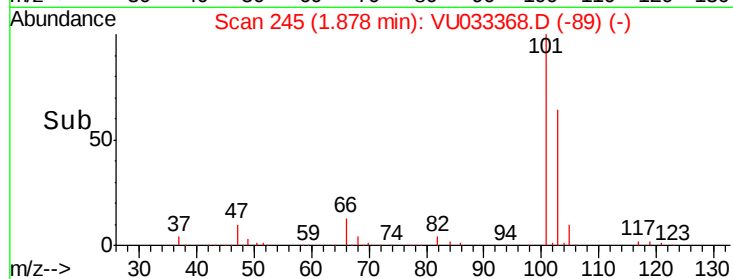
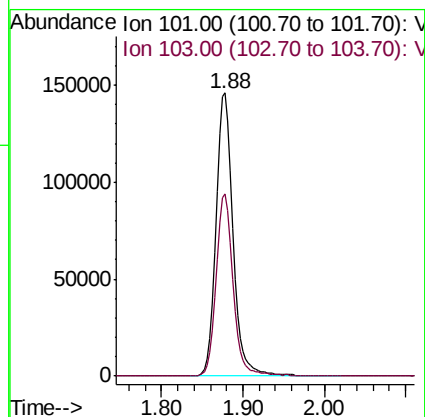
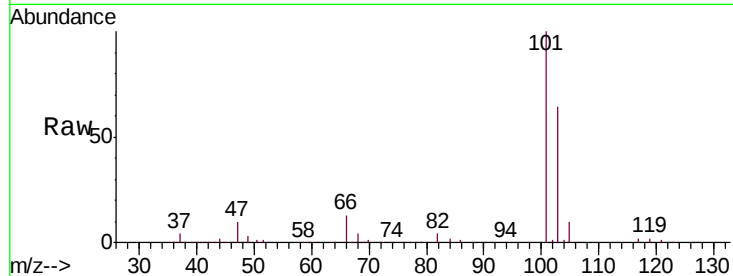


#7

Trichlorofluoromethane
 Concen: 9.456 ug/l
 RT: 1.88 min Scan# 245
 Delta R.T. 0.00 min
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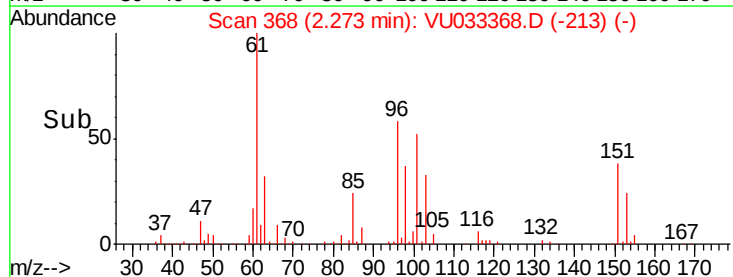
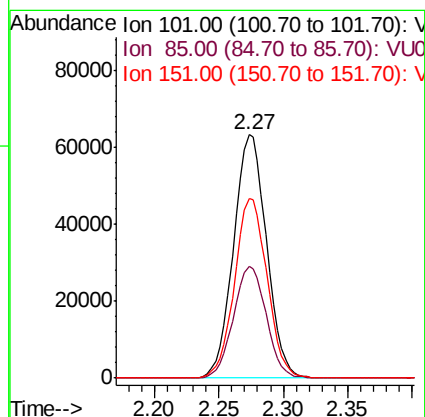
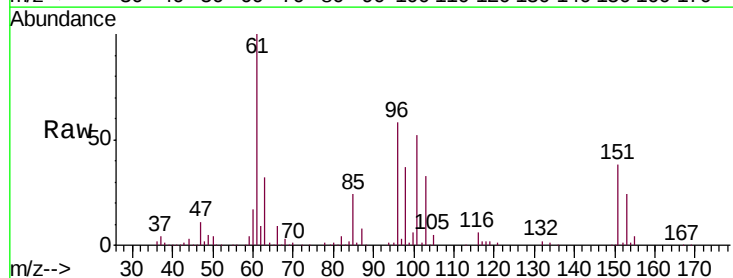
Tgt Ion:101 Resp: 216574
 Ion Ratio Lower Upper
 101 100
 103 64.4 52.2 78.2

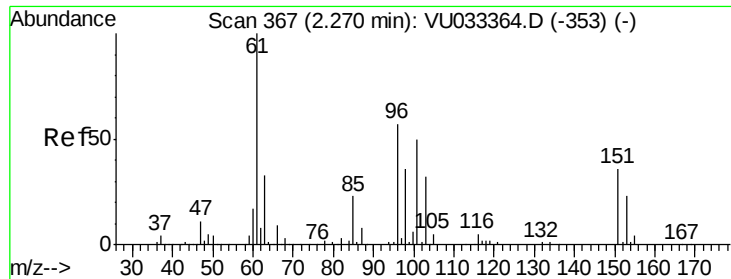


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 9.528 ug/l
 RT: 2.27 min Scan# 368
 Delta R.T. -0.00 min
 Lab File: VU033368.D
 Acq: 23 Jul 2019 08:54

Tgt Ion:101 Resp: 112569
 Ion Ratio Lower Upper
 101 100
 85 45.5 37.5 56.3
 151 73.1 58.3 87.5





#9

1,1-Dichloroethene

Concen: 9.461 ug/l

RT: 2.27 min Scan# 367

Delta R.T. -0.00 min

Lab File: VU033368.D

Acq: 23 Jul 2019 08:54

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

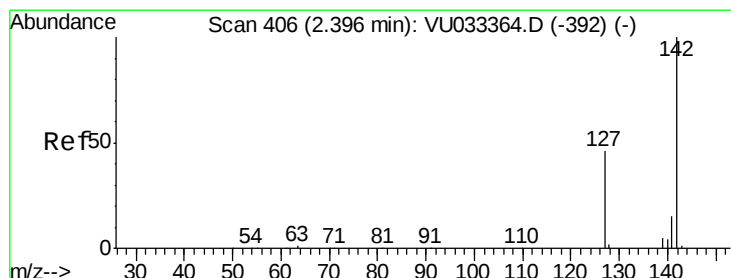
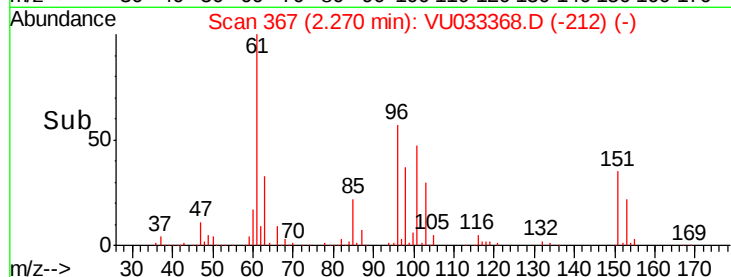
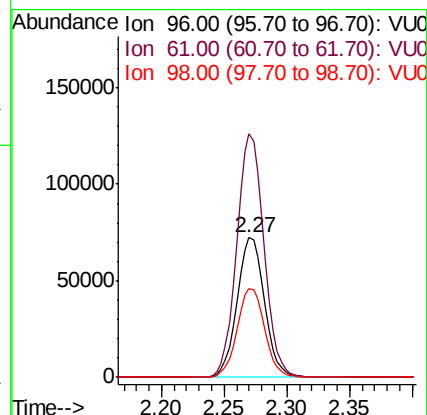
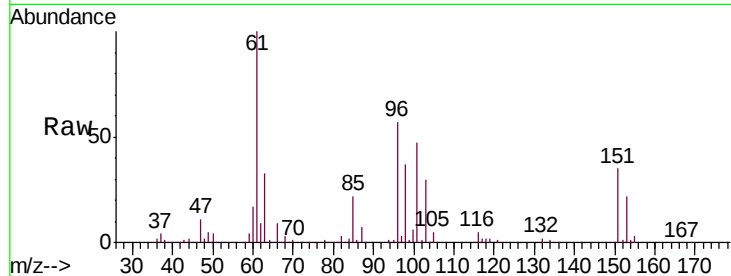
Tgt Ion: 96 Resp: 110089

Ion Ratio Lower Upper

96 100

61 174.5 0.0 525.6

98 64.0 0.0 126.4



#10

Iodomethane

Concen: 9.190 ug/l

RT: 2.40 min Scan# 406

Delta R.T. -0.00 min

Lab File: VU033368.D

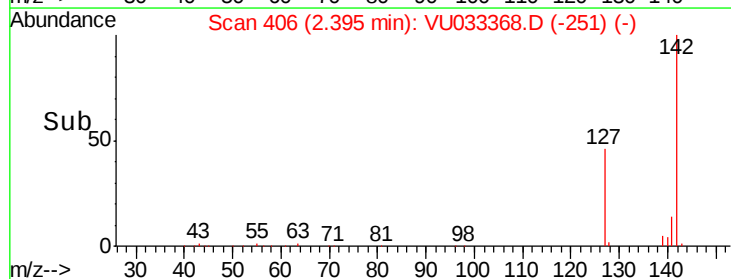
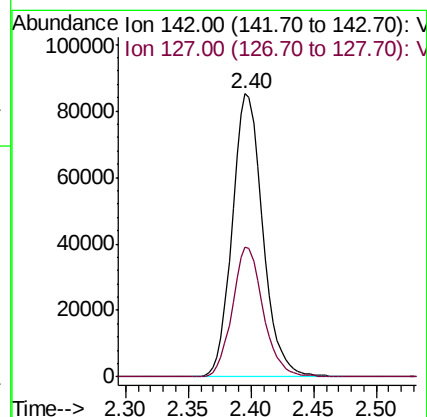
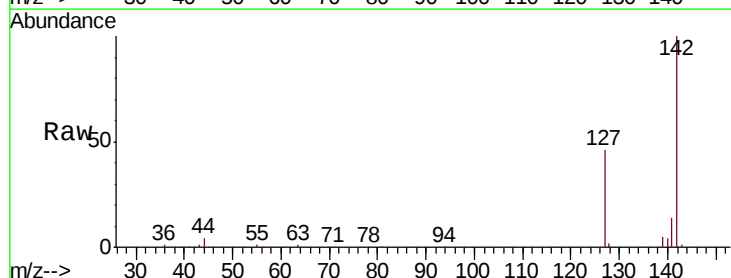
Acq: 23 Jul 2019 08:54

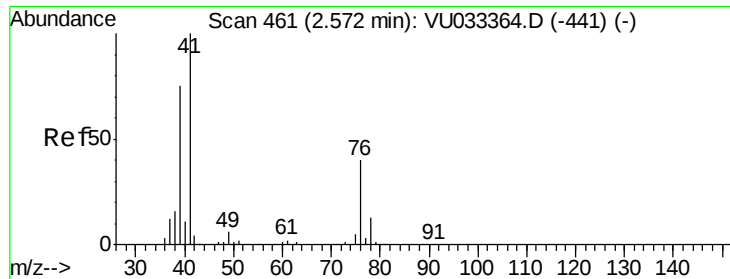
Tgt Ion: 142 Resp: 143720

Ion Ratio Lower Upper

142 100

127 46.5 37.8 56.6

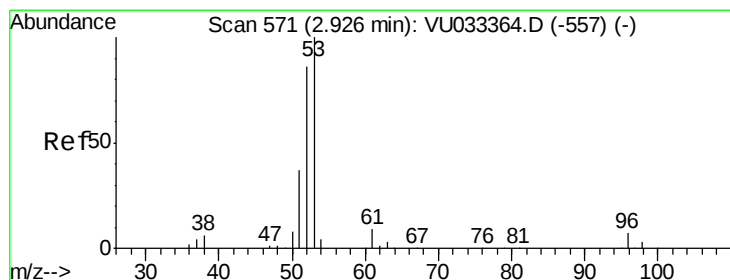
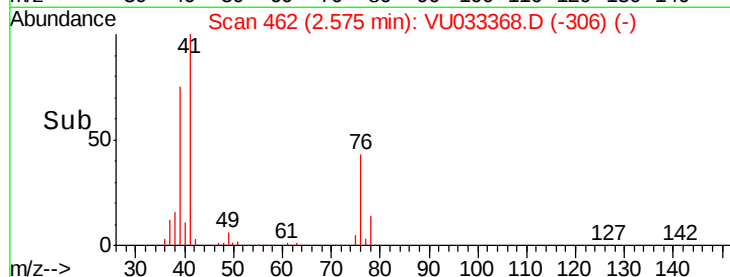
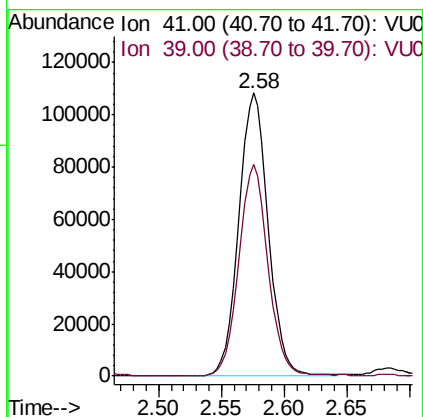
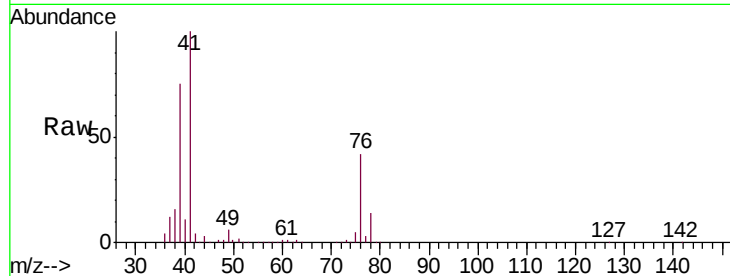




#11
 Allyl Chloride
 Concen: 9.139 ug/l
 RT: 2.58 min Scan# 462
 Delta R.T. 0.00 min
 Lab File: VU033368.D
 Acq: 23 Jul 2019 08:54

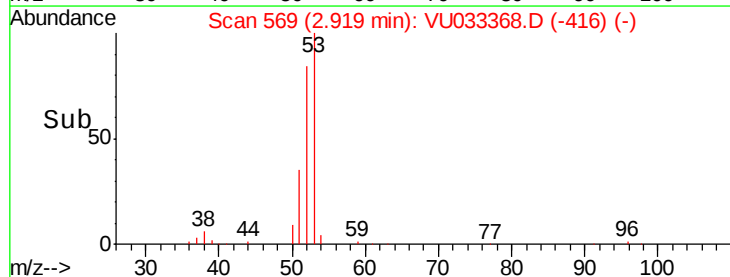
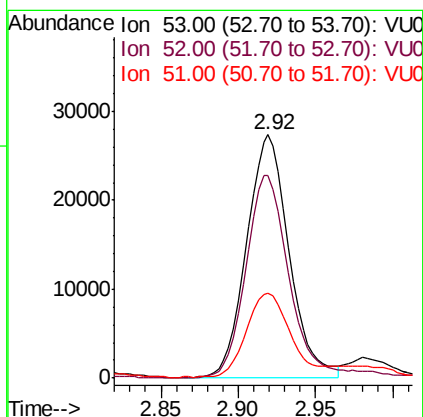
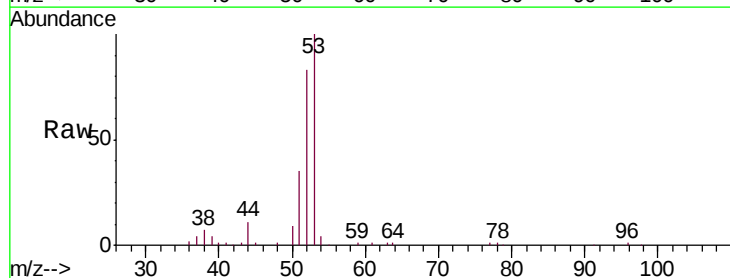
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

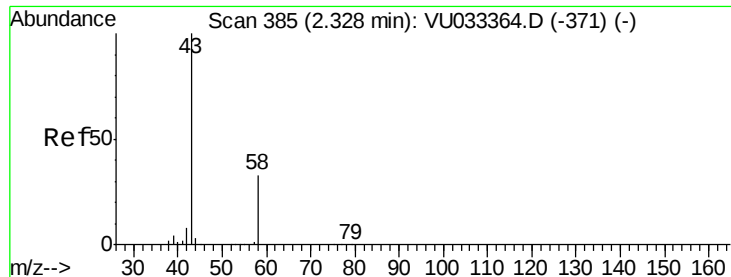
Tgt Ion: 41 Resp: 175489
 Ion Ratio Lower Upper
 41 100
 39 74.1 58.7 88.1



#12
 Acrylonitrile
 Concen: 16.135 ug/l
 RT: 2.92 min Scan# 569
 Delta R.T. -0.01 min
 Lab File: VU033368.D
 Acq: 23 Jul 2019 08:54

Tgt Ion: 53 Resp: 52410
 Ion Ratio Lower Upper
 53 100
 52 86.8 69.8 104.8
 51 37.1 29.1 43.7





#13

Acetone

Concen: 48.375 ug/l

RT: 2.31 min Scan# 379

Delta R.T. -0.02 min

Lab File: VU033368.D

Acq: 23 Jul 2019 08:54

Instrument :

MSVOA_U

ClientSampleId :

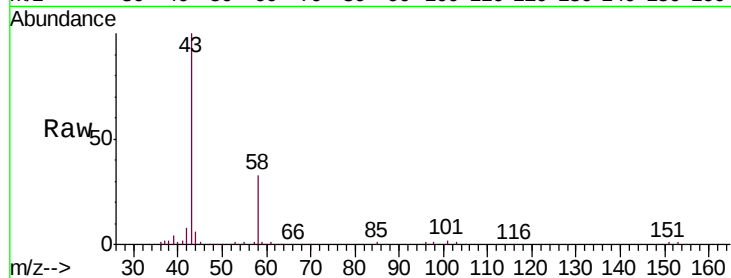
VSTDCCC010

Tgt Ion: 43 Resp: 134061

Ion Ratio Lower Upper

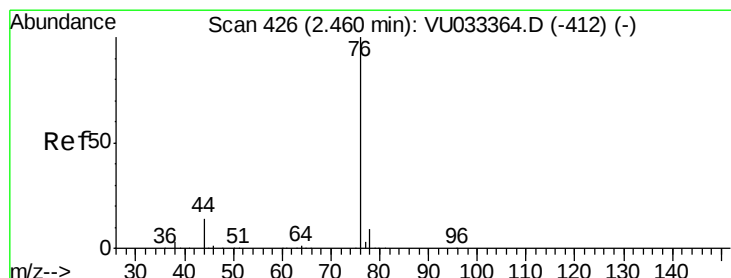
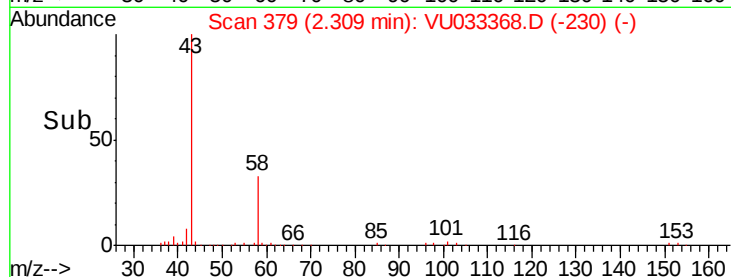
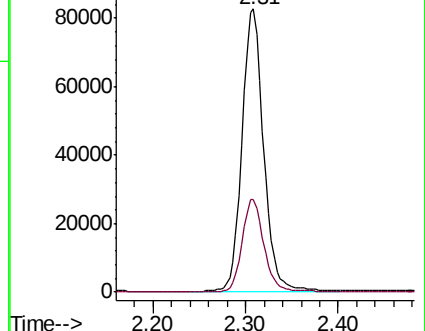
43 100

58 32.6 26.3 39.5



Abundance Ion 43.00 (42.70 to 43.70): VU033368.D (-379) (-)

Ion 58.00 (57.70 to 58.70): VU033368.D (-379) (-)



#14

Carbon Disulfide

Concen: 9.287 ug/l

RT: 2.46 min Scan# 427

Delta R.T. 0.00 min

Lab File: VU033368.D

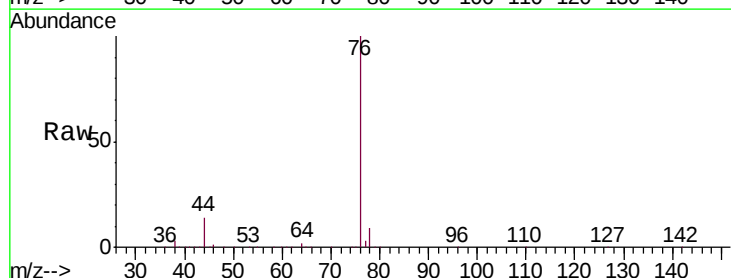
Acq: 23 Jul 2019 08:54

Tgt Ion: 76 Resp: 410603

Ion Ratio Lower Upper

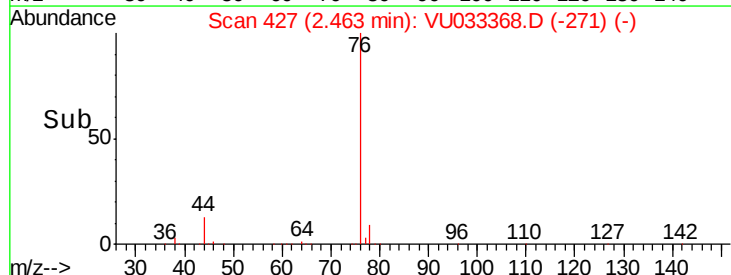
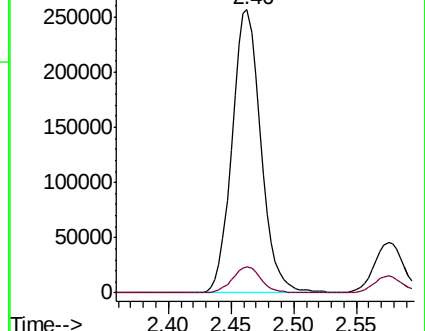
76 100

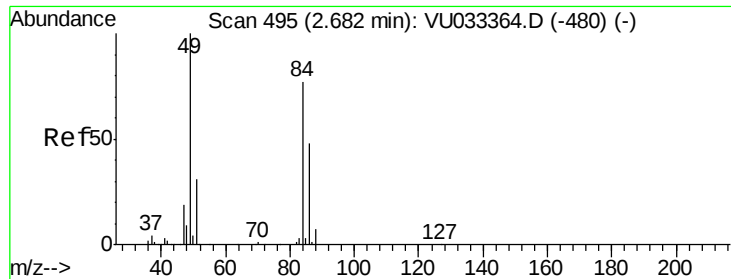
78 9.1 7.1 10.7



Abundance Ion 76.00 (75.70 to 76.70): VU033368.D (-427) (-)

Ion 78.00 (77.70 to 78.70): VU033368.D (-427) (-)

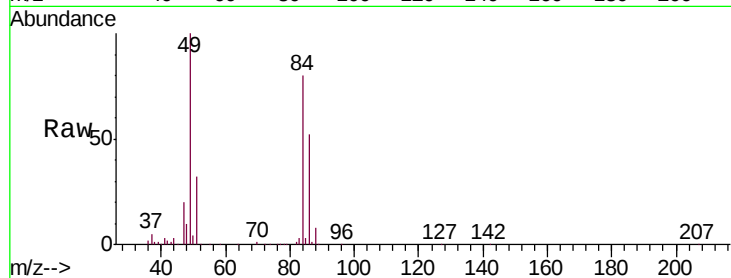




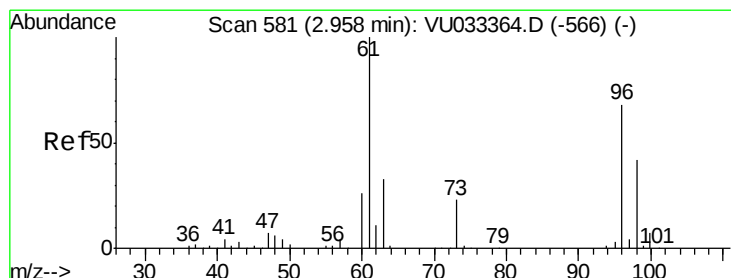
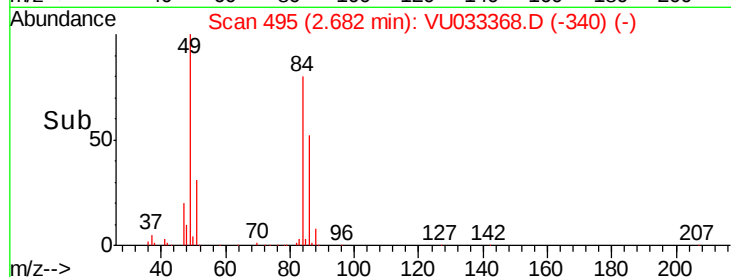
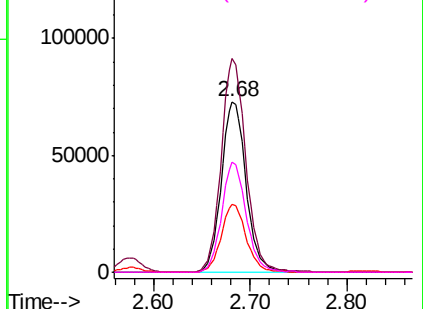
#15
Methylene Chloride
Concen: 8.278 ug/l
RT: 2.68 min Scan# 495
Delta R.T. -0.00 min
Lab File: VU033368.D
Acq: 23 Jul 2019 08:54

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion: 84 Resp: 129907
Ion Ratio Lower Upper
84 100
49 124.8 103.5 155.3
51 39.6 0.0 80.4
86 64.4 50.1 75.1

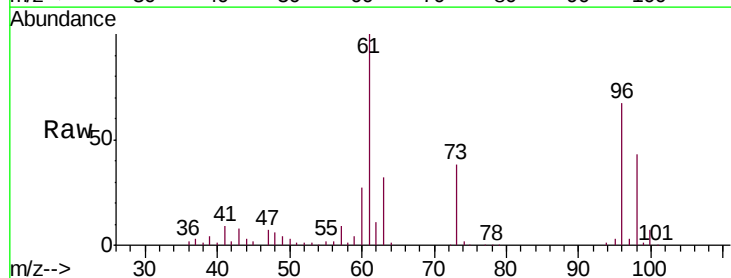


Abundance Ion 84.00 (83.70 to 84.70): VU0
Ion 49.00 (48.70 to 49.70): VU0
Ion 51.00 (50.70 to 51.70): VU0
Ion 86.00 (85.70 to 86.70): VU0

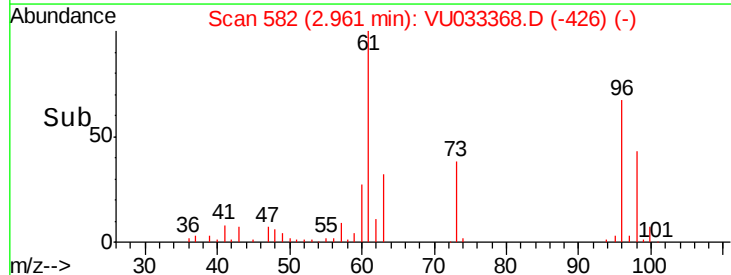
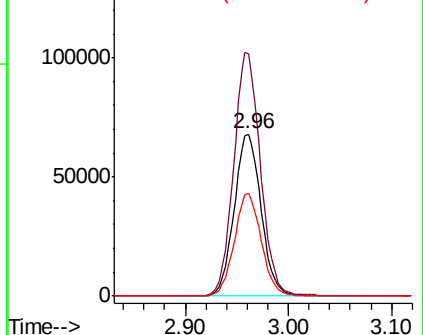


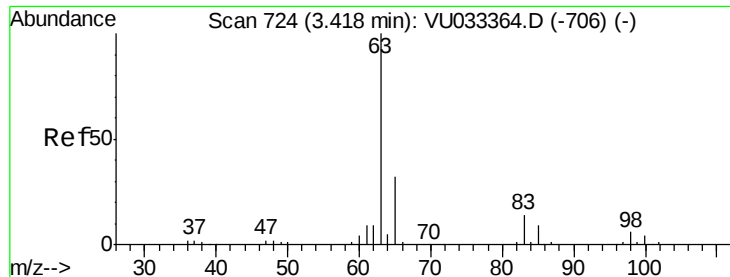
#16
trans-1,2-Dichloroethene
Concen: 8.951 ug/l
RT: 2.96 min Scan# 582
Delta R.T. 0.00 min
Lab File: VU033368.D
Acq: 23 Jul 2019 08:54

Tgt Ion: 96 Resp: 123694
Ion Ratio Lower Upper
96 100
61 149.2 118.0 177.0
98 63.5 49.4 74.2



Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.00 (60.70 to 61.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

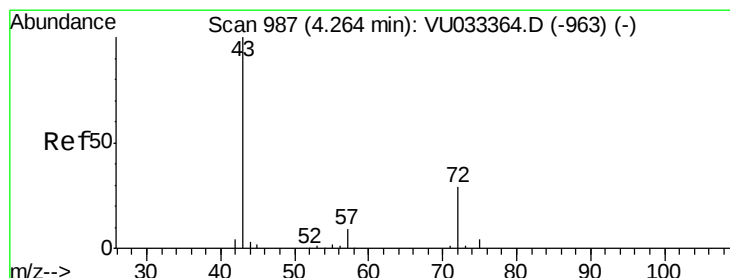
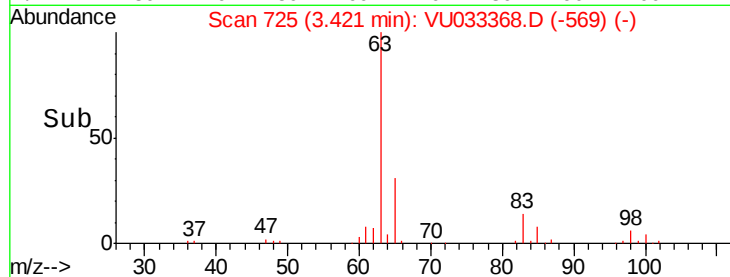
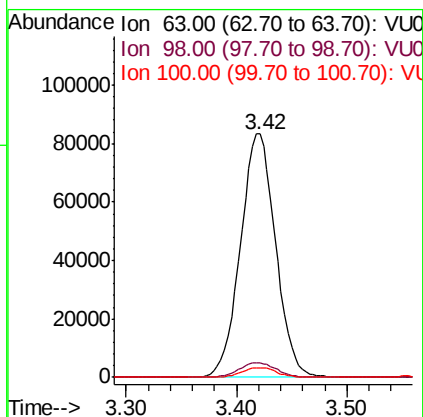
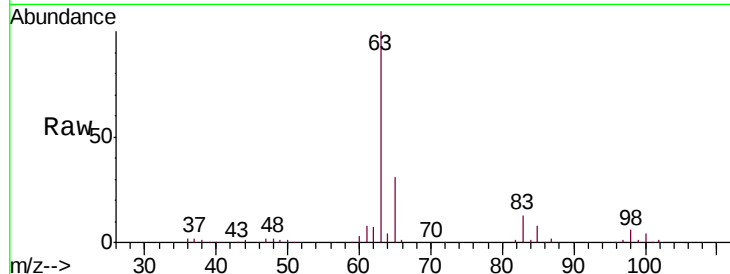




#17
 1,1-Dichloroethane
 Concen: 9.922 ug/l
 RT: 3.42 min Scan# 725
 Delta R.T. 0.00 min
 Lab File: VU033368.D
 Acq: 23 Jul 2019 08:54

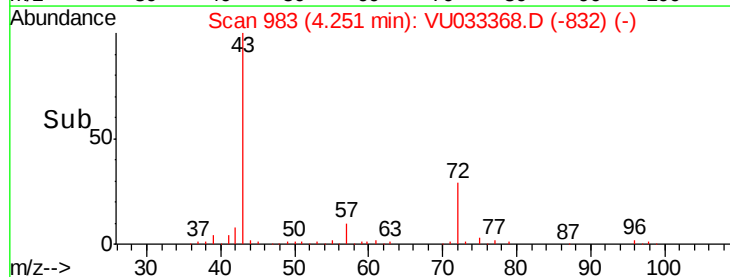
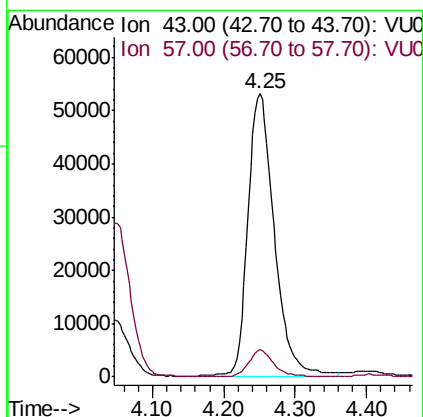
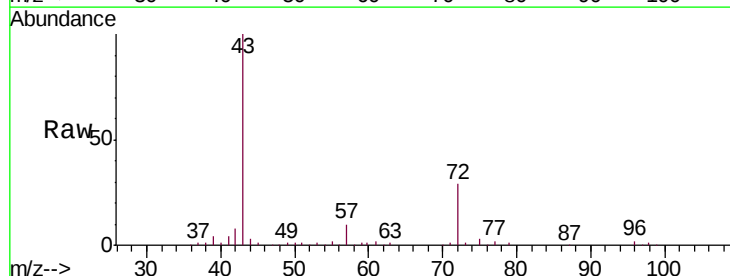
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

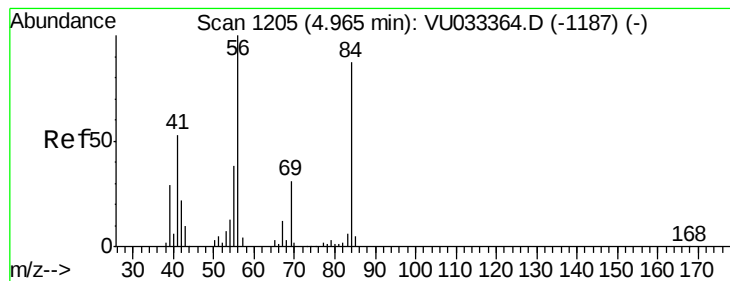
Tgt Ion: 63 Resp: 184010
 Ion Ratio Lower Upper
 63 100
 98 6.0 3.2 9.6
 100 4.0 2.1 6.2



#18
 2-Butanone
 Concen: 51.578 ug/l
 RT: 4.25 min Scan# 983
 Delta R.T. -0.01 min
 Lab File: VU033368.D
 Acq: 23 Jul 2019 08:54

Tgt Ion: 43 Resp: 136430
 Ion Ratio Lower Upper
 43 100
 57 9.8 0.0 17.0





#19

Cyclohexane

Concen: 9.392 ug/l

RT: 4.97 min Scan# 1206

Delta R.T. 0.00 min

Lab File: VU033368.D

Acq: 23 Jul 2019 08:54

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

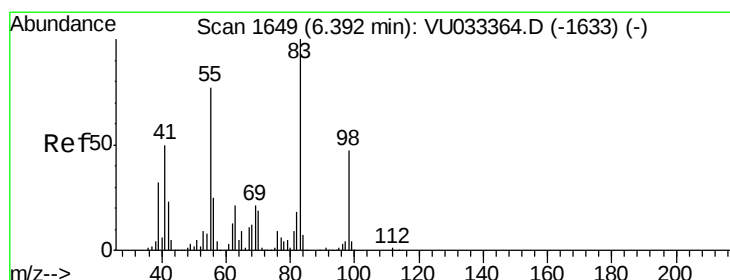
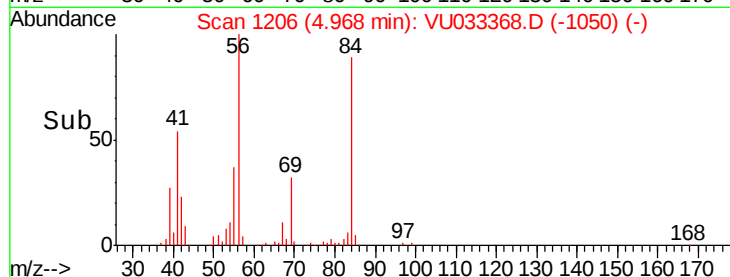
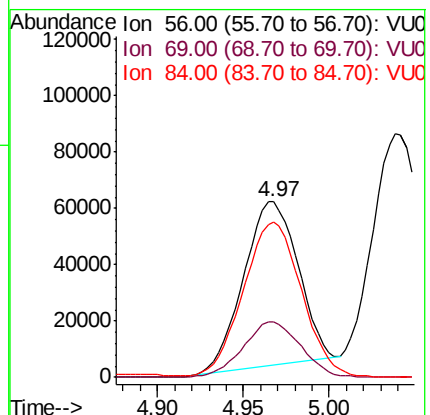
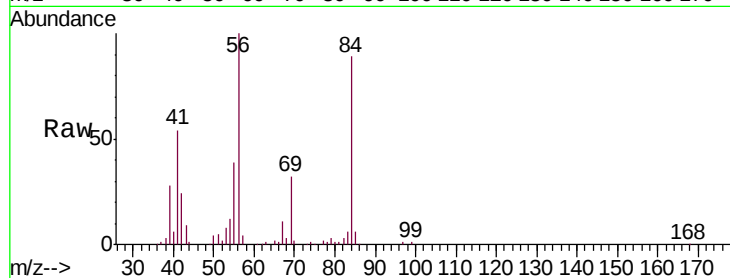
Tgt Ion: 56 Resp: 127829

Ion Ratio Lower Upper

56 100

69 35.9 25.0 37.4

84 100.5 69.8 104.6



#20

Methylcyclohexane

Concen: 11.795 ug/l

RT: 6.39 min Scan# 1649

Delta R.T. -0.00 min

Lab File: VU033368.D

Acq: 23 Jul 2019 08:54

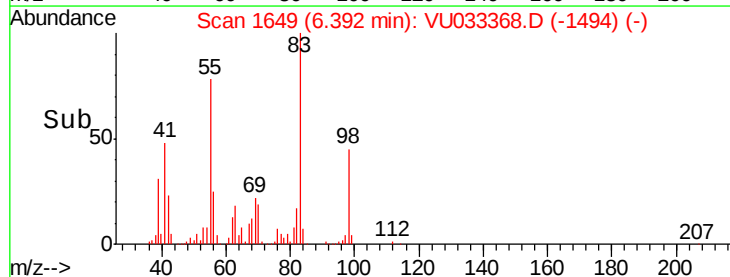
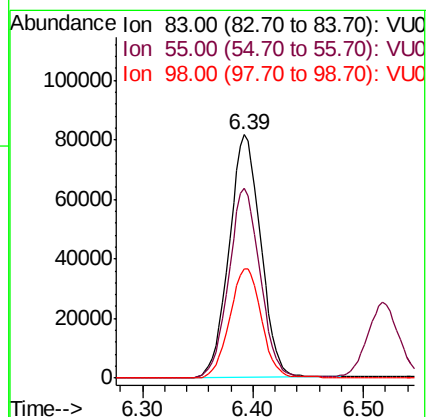
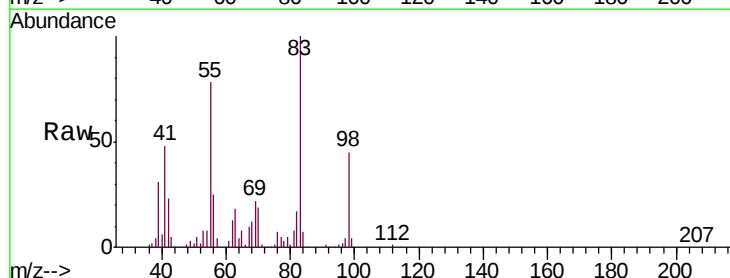
Tgt Ion: 83 Resp: 161615

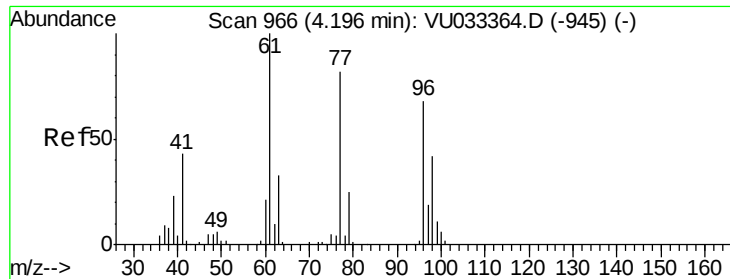
Ion Ratio Lower Upper

83 100

55 76.9 62.3 93.5

98 44.7 37.4 56.0

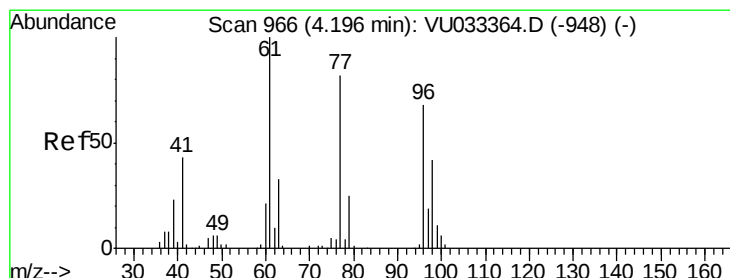
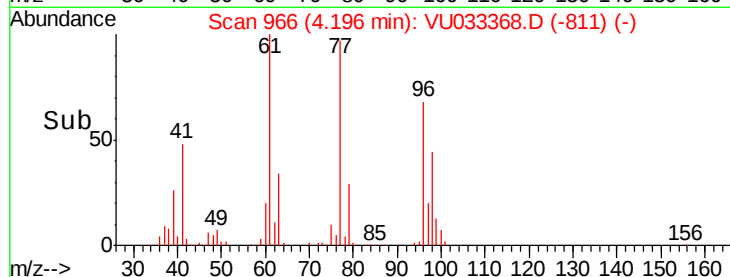
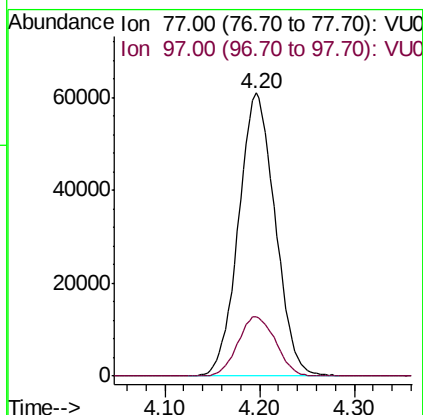
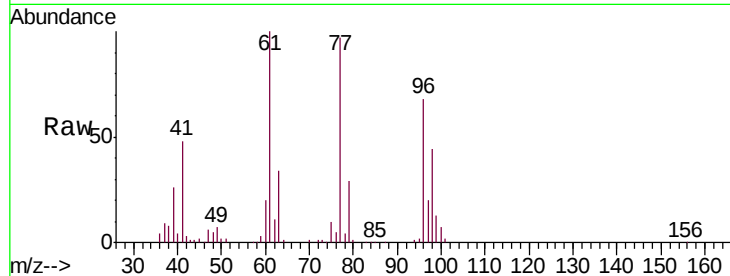




#21
 2,2-Dichloropropane
 Concen: 10.423 ug/l
 RT: 4.20 min Scan# 966
 Delta R.T. -0.00 min
 Lab File: VU033368.D
 Acq: 23 Jul 2019 08:54

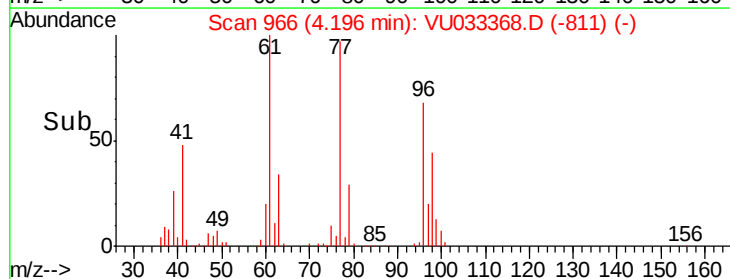
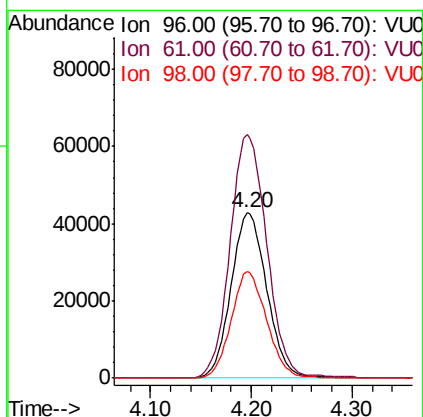
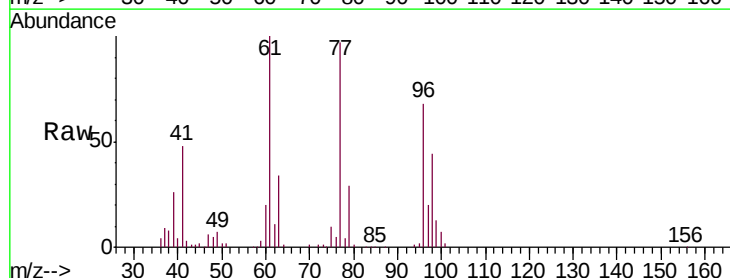
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

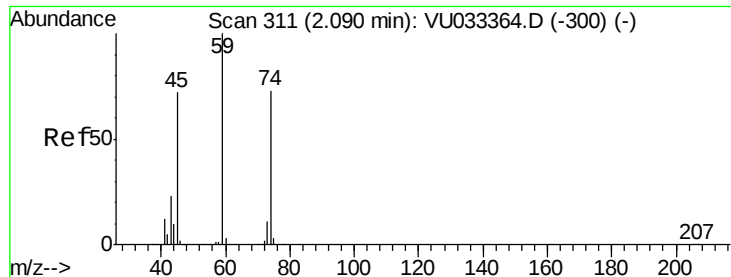
Tgt Ion: 77 Resp: 163788
 Ion Ratio Lower Upper
 77 100
 97 21.6 17.8 26.8



#22
 cis-1,2-Dichloroethene
 Concen: 10.054 ug/l
 RT: 4.20 min Scan# 966
 Delta R.T. -0.00 min
 Lab File: VU033368.D
 Acq: 23 Jul 2019 08:54

Tgt Ion: 96 Resp: 105284
 Ion Ratio Lower Upper
 96 100
 61 151.7 0.0 376.3
 98 64.1 31.9 95.9

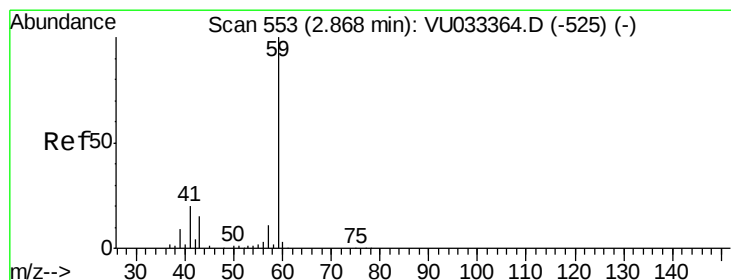
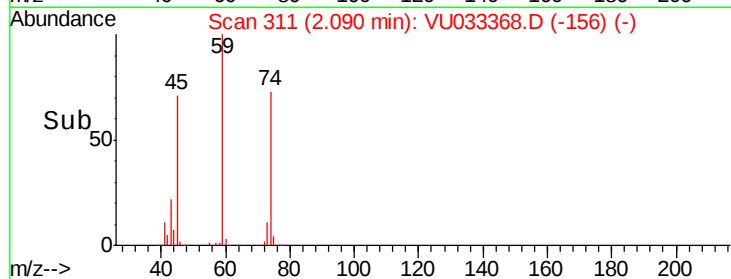
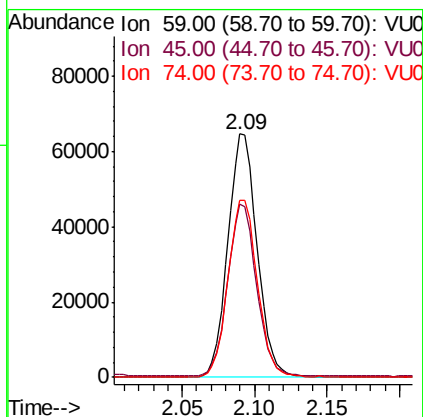
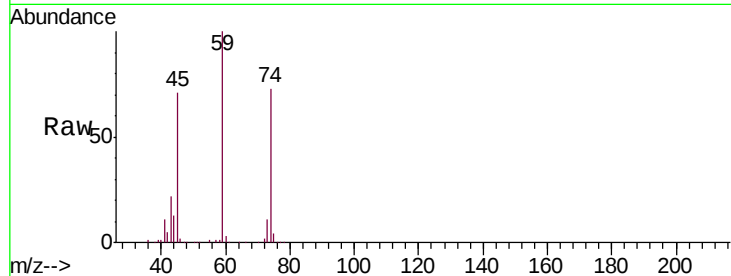




#23
Diethyl Ether
Concen: 8.990 ug/l
RT: 2.09 min Scan# 311
Delta R.T. -0.00 min
Lab File: VU033368.D
Acq: 23 Jul 2019 08:54

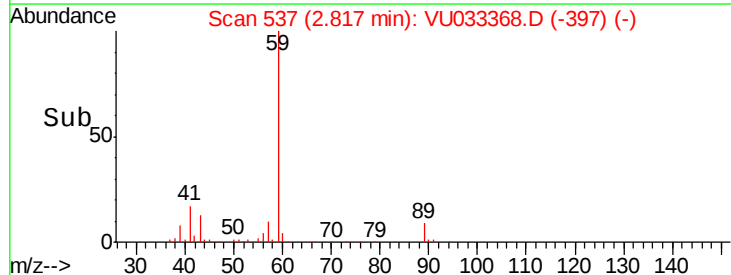
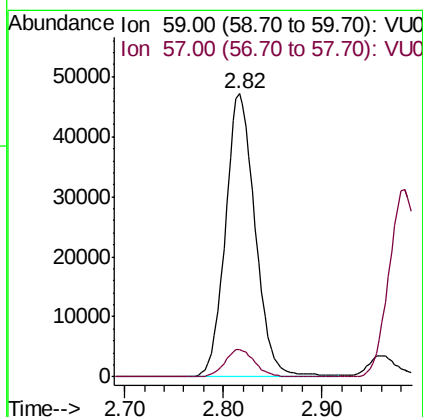
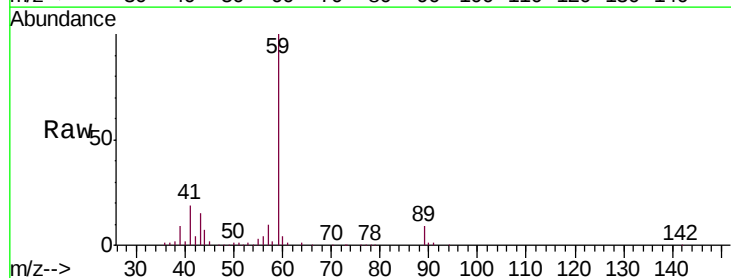
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

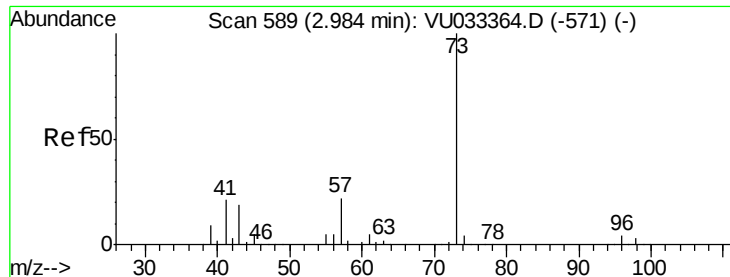
Tgt Ion: 59 Resp: 90175
Ion Ratio Lower Upper
59 100
45 69.6 57.6 86.4
74 73.2 57.8 86.6



#24
tert-Butyl Alcohol
Concen: 79.927 ug/l
RT: 2.82 min Scan# 537
Delta R.T. -0.05 min
Lab File: VU033368.D
Acq: 23 Jul 2019 08:54

Tgt Ion: 59 Resp: 99392
Ion Ratio Lower Upper
59 100
57 9.7 7.8 11.8



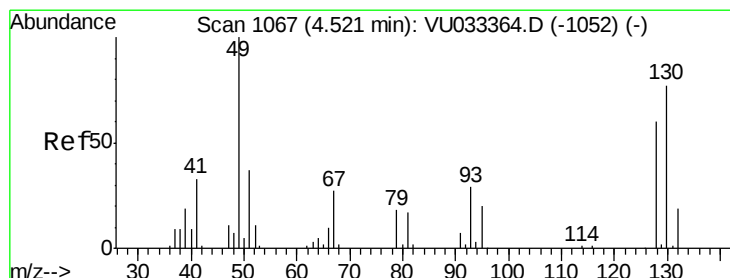
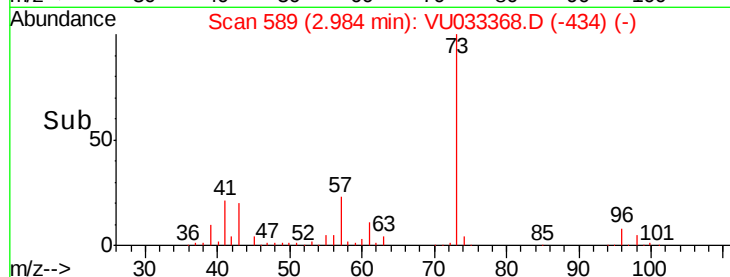
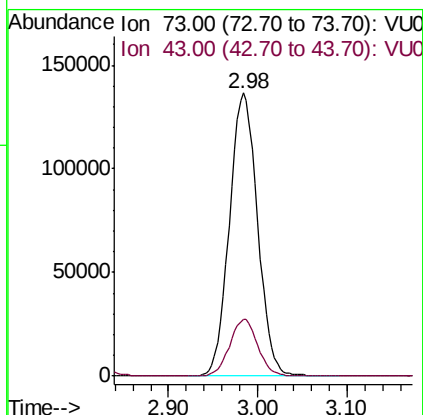
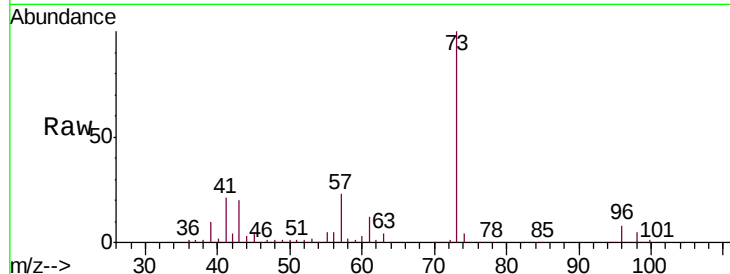


#25

Methyl tert-Butyl Ether
 Concen: 8.913 ug/l
 RT: 2.98 min Scan# 589
 Delta R.T. -0.00 min
 Lab File: VU033368.D
 Acq: 23 Jul 2019 08:54

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

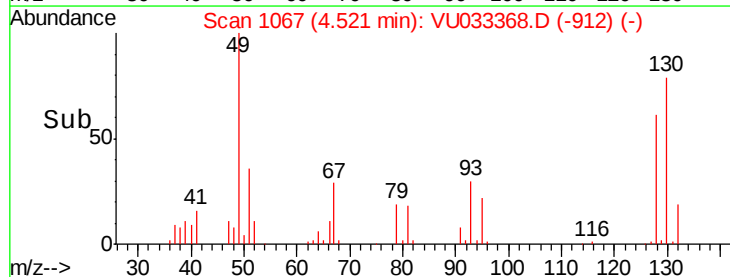
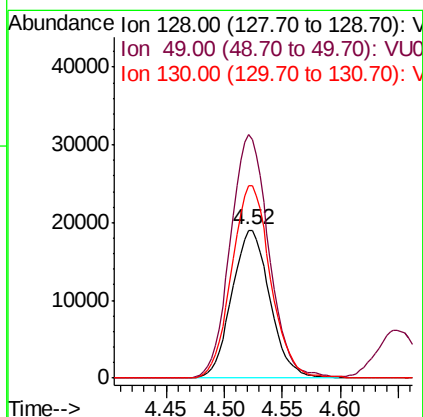
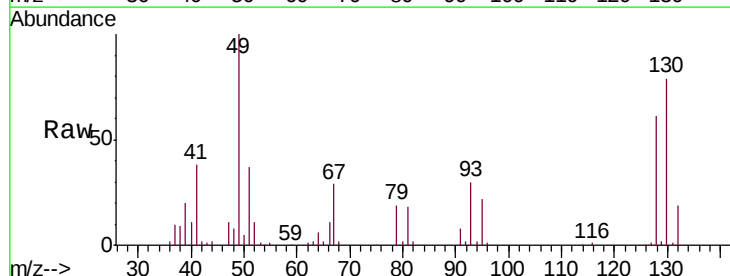
Tgt Ion: 73 Resp: 298627
 Ion Ratio Lower Upper
 73 100
 43 19.9 16.6 24.8

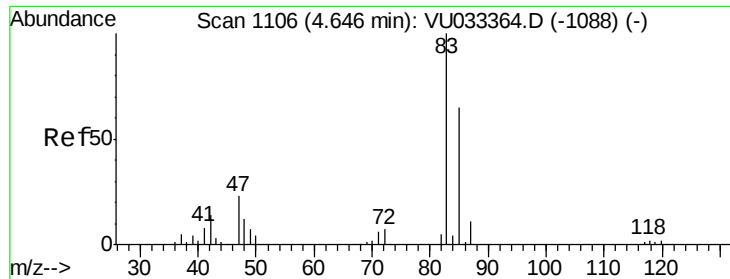


#26

Bromochloromethane
 Concen: 9.471 ug/l
 RT: 4.52 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VU033368.D
 Acq: 23 Jul 2019 08:54

Tgt Ion: 128 Resp: 43614
 Ion Ratio Lower Upper
 128 100
 49 166.0 0.0 333.4
 130 132.5 103.4 155.2

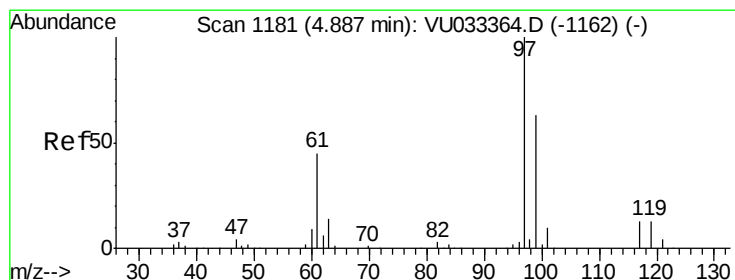
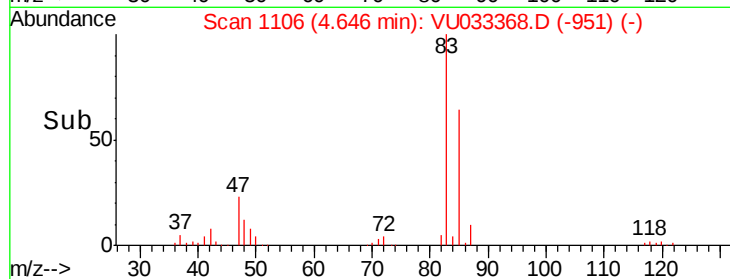
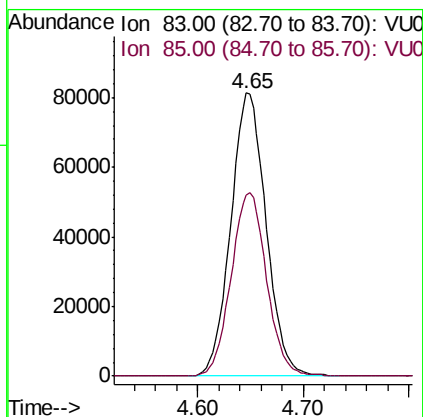
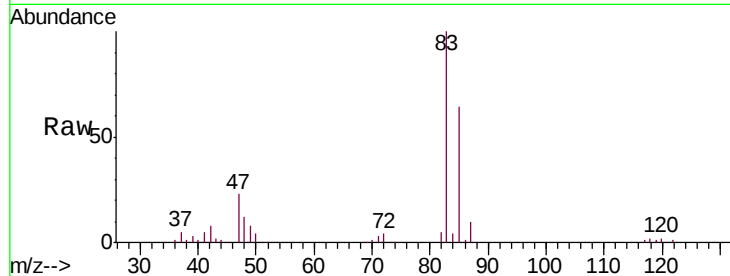




#27
Chloroform
Concen: 8.897 ug/l
RT: 4.65 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VU033368.D
Acq: 23 Jul 2019 08:54

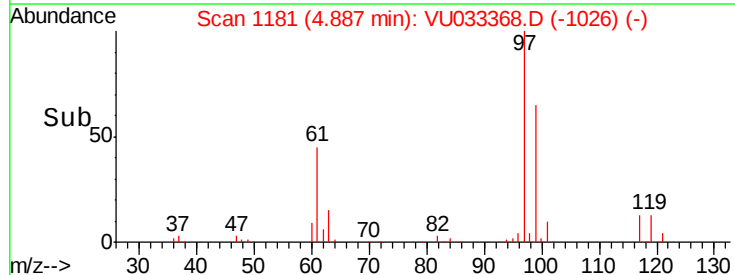
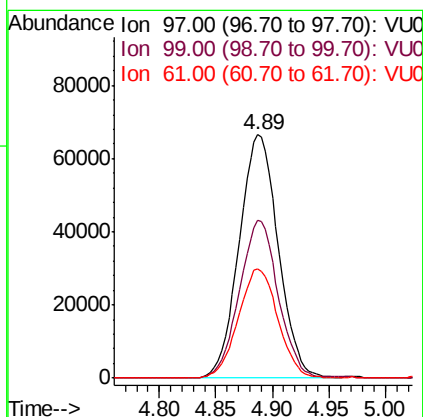
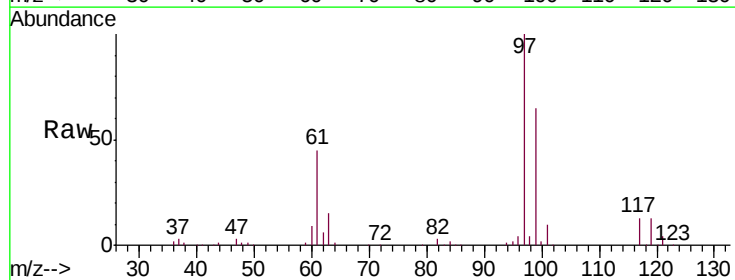
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

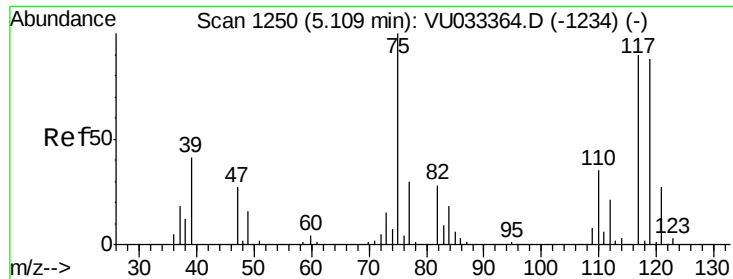
Tgt Ion: 83 Resp: 188565
Ion Ratio Lower Upper
83 100
85 64.2 0.0 129.8



#28
1,1,1-Trichloroethane
Concen: 9.761 ug/l
RT: 4.89 min Scan# 1181
Delta R.T. -0.00 min
Lab File: VU033368.D
Acq: 23 Jul 2019 08:54

Tgt Ion: 97 Resp: 160177
Ion Ratio Lower Upper
97 100
99 64.2 31.9 95.5
61 45.5 22.7 68.0

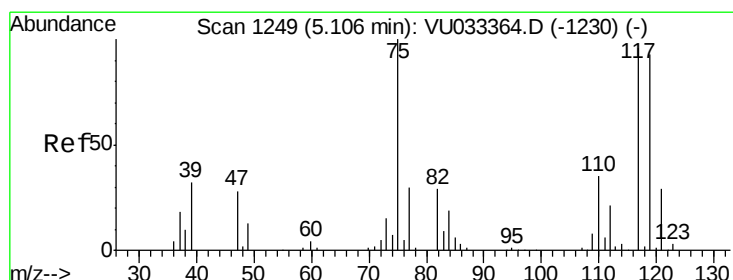
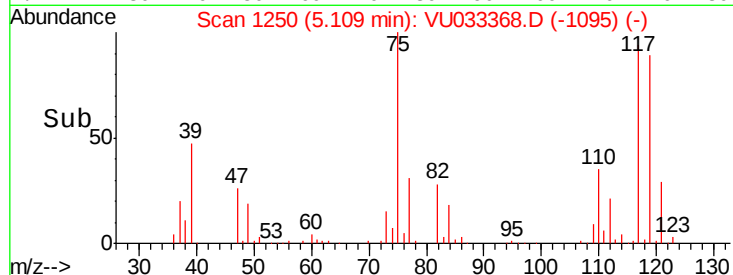
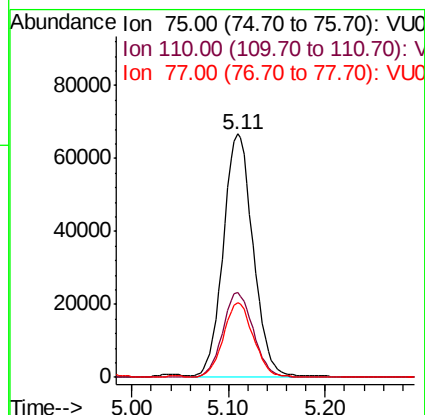
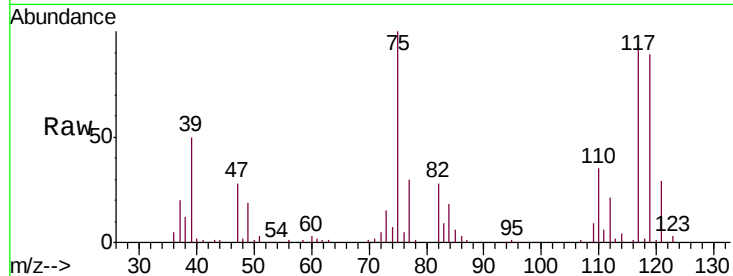




#29
1,1-Dichloropropene
Concen: 10.489 ug/l
RT: 5.11 min Scan# 1250
Delta R.T. -0.00 min
Lab File: VU033368.D
Acq: 23 Jul 2019 08:54

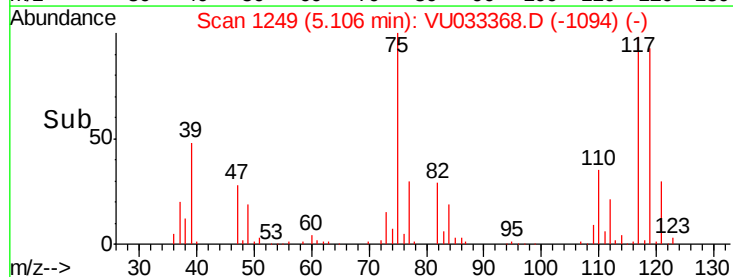
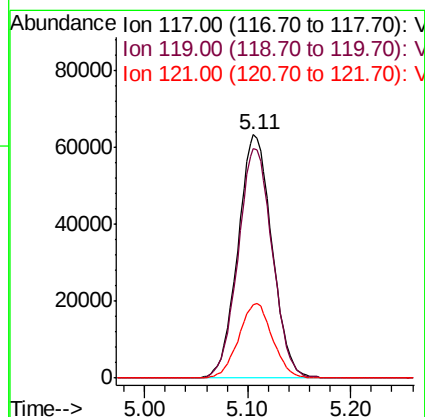
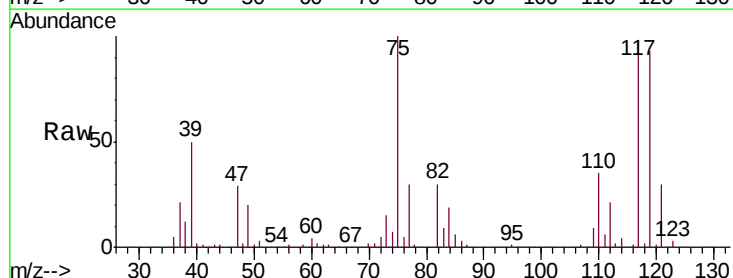
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

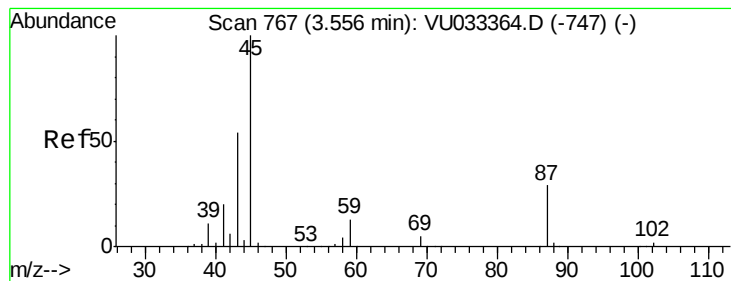
Tgt Ion: 75 Resp: 141959
Ion Ratio Lower Upper
75 100
110 35.9 17.5 52.6
77 30.6 25.1 37.7



#30
Carbon Tetrachloride
Concen: 10.070 ug/l
RT: 5.11 min Scan# 1249
Delta R.T. -0.00 min
Lab File: VU033368.D
Acq: 23 Jul 2019 08:54

Tgt Ion: 117 Resp: 145438
Ion Ratio Lower Upper
117 100
119 94.5 77.9 116.9
121 30.2 24.0 36.0





#31

Isopropyl Ether

Concen: 10.275 ug/l

RT: 3.56 min Scan# 767

Delta R.T. -0.00 min

Lab File: VU033368.D

Acq: 23 Jul 2019 08:54

Instrument :

MSVOA_U

ClientSampleId :

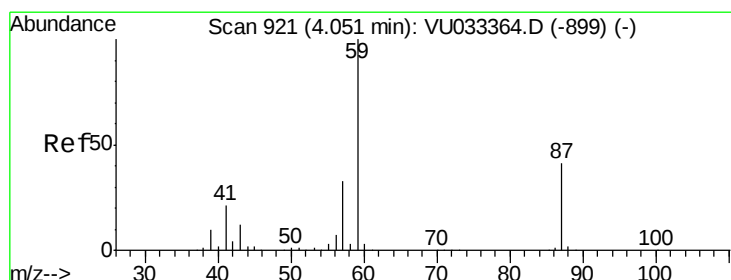
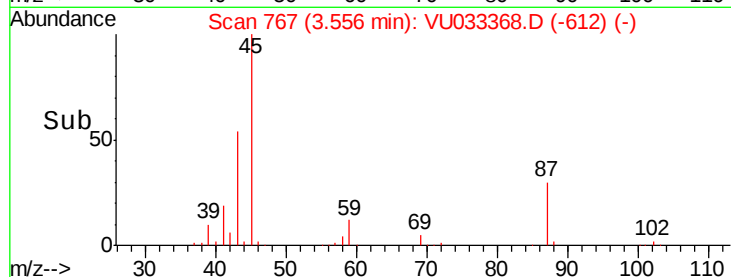
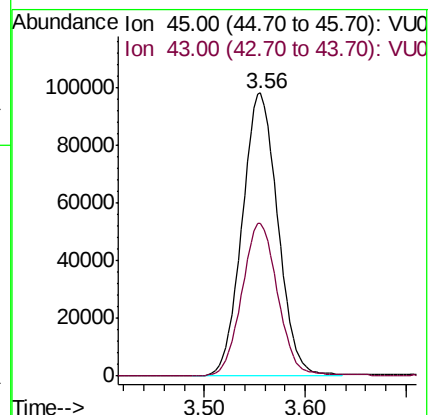
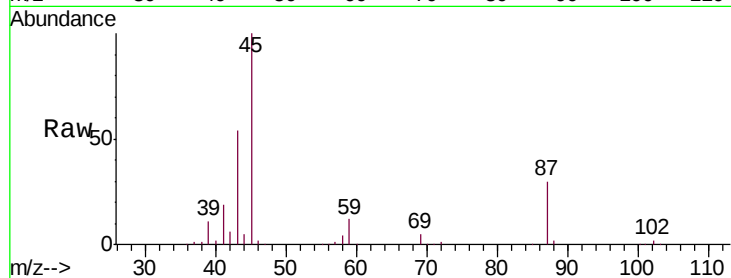
VSTDCCC010

Tgt Ion: 45 Resp: 240848

Ion Ratio Lower Upper

45 100

43 54.3 27.8 83.3



#32

Ethyl-t-butyl ether

Concen: 10.415 ug/l

RT: 4.05 min Scan# 920

Delta R.T. -0.00 min

Lab File: VU033368.D

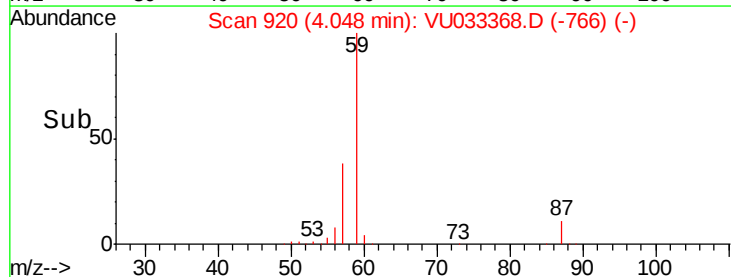
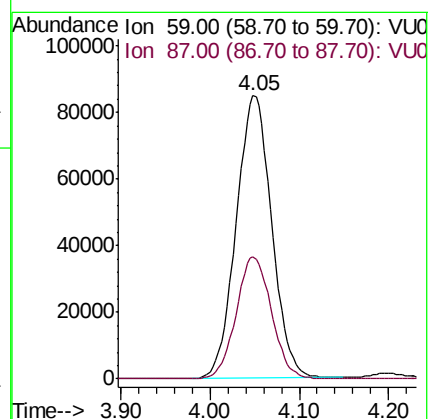
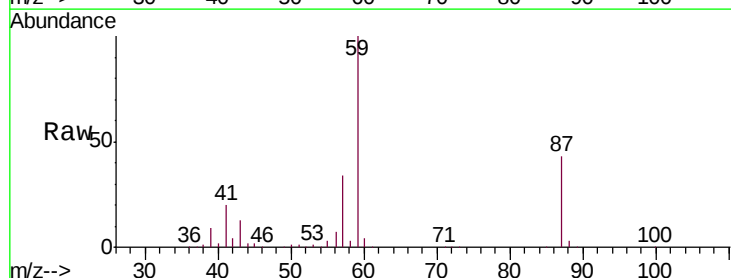
Acq: 23 Jul 2019 08:54

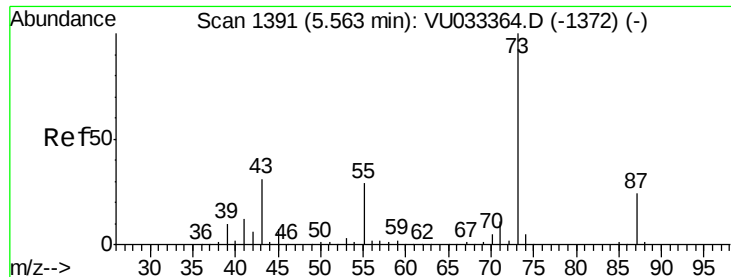
Tgt Ion: 59 Resp: 234693

Ion Ratio Lower Upper

59 100

87 42.7 33.8 50.6



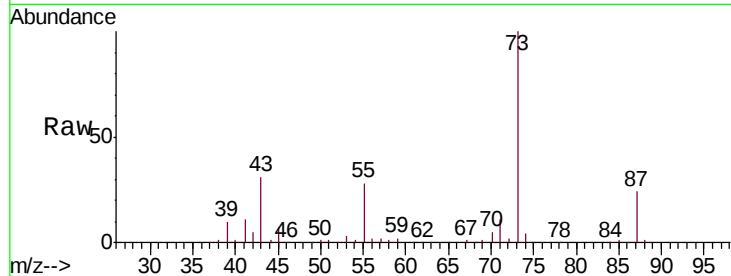


#33

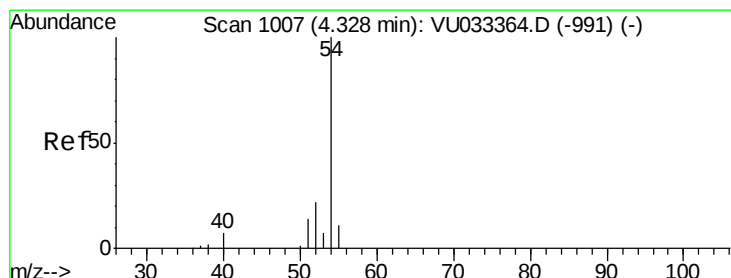
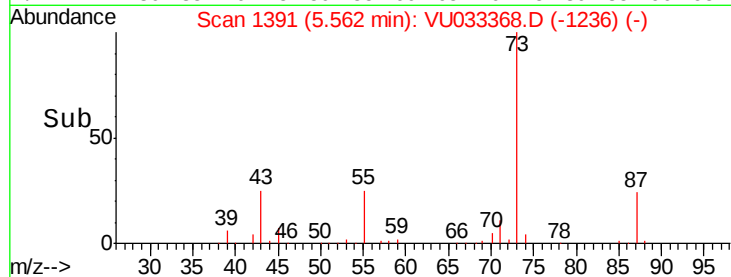
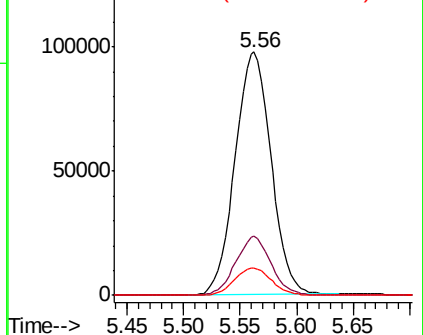
Tert-Amyl methyl ether
 Concen: 10.703 ug/l
 RT: 5.56 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: VU033368.D
 Acq: 23 Jul 2019 08:54

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 73 Resp: 216892
 Ion Ratio Lower Upper
 73 100
 87 23.6 18.9 28.3
 71 11.5 9.3 13.9



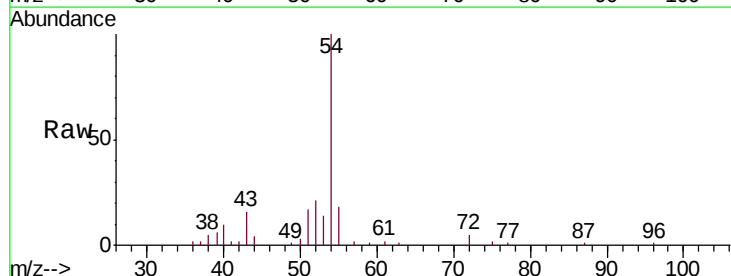
Abundance Ion 73.00 (72.70 to 73.70): VU0
 Ion 87.00 (86.70 to 87.70): VU0
 Ion 71.00 (70.70 to 71.70): VU0



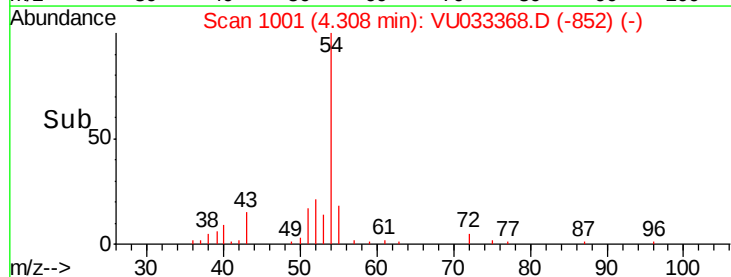
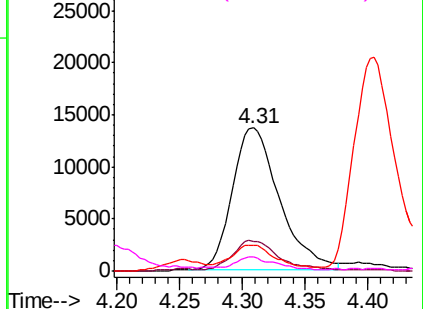
#34

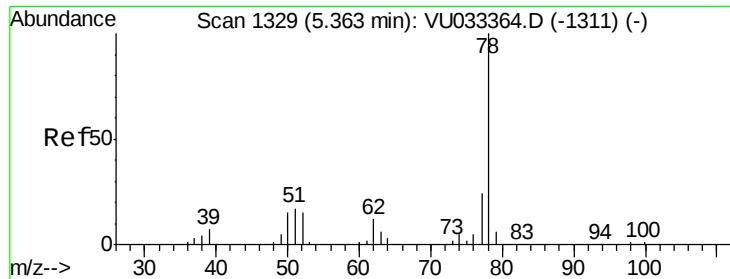
Propionitrile
 Concen: 46.719 ug/l
 RT: 4.31 min Scan# 1001
 Delta R.T. -0.02 min
 Lab File: VU033368.D
 Acq: 23 Jul 2019 08:54

Tgt Ion: 54 Resp: 35450
 Ion Ratio Lower Upper
 54 100
 52 21.9 17.1 25.7
 55 17.6 11.6 17.4#
 40 6.8 3.5 5.3#



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





#35

Benzene

Concen: 10.315 ug/l

RT: 5.36 min Scan# 1329

Delta R.T. -0.00 min

Lab File: VU033368.D

Acq: 23 Jul 2019 08:54

Instrument :

MSVOA_U

ClientSampleId :

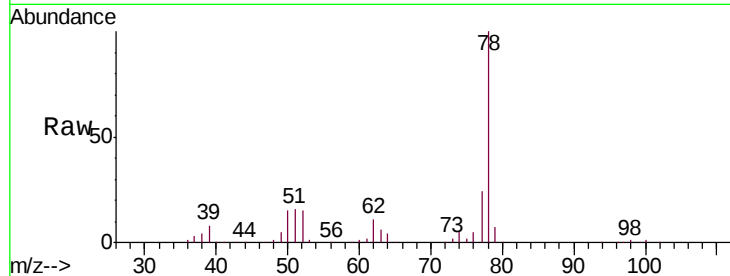
VSTDCCC010

Tgt Ion: 78 Resp: 403375

Ion Ratio Lower Upper

78 100

77 24.5 19.4 29.2



Abundance Ion 78.10 (77.80 to 78.80): VU033368.D (-1174) (-)

Ion 77.00 (76.70 to 77.70): VU033368.D (-1174) (-)

5.36

200000

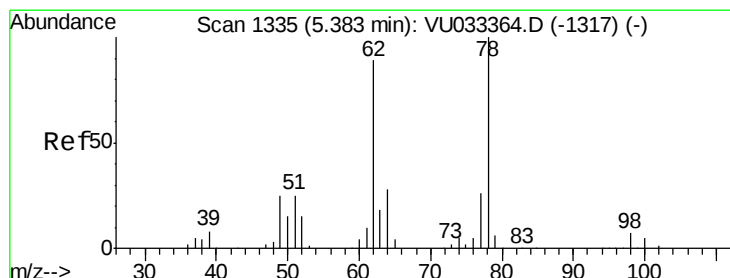
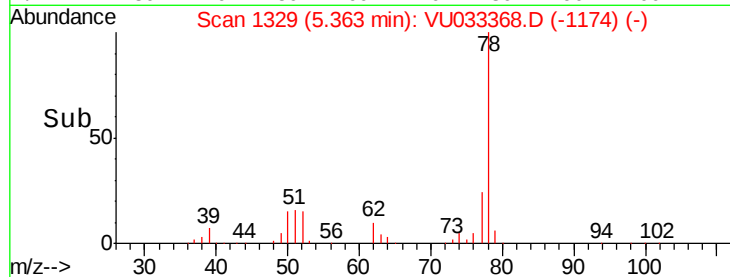
150000

100000

50000

0

Time-->



#36

1,2-Dichloroethane

Concen: 9.527 ug/l

RT: 5.38 min Scan# 1335

Delta R.T. -0.00 min

Lab File: VU033368.D

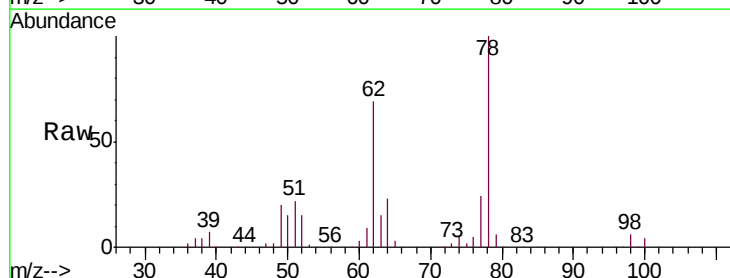
Acq: 23 Jul 2019 08:54

Tgt Ion: 62 Resp: 123991

Ion Ratio Lower Upper

62 100

98 8.5 6.5 9.7



Abundance Ion 62.00 (61.70 to 62.70): VU033368.D (-1180) (-)

Ion 98.00 (97.70 to 98.70): VU033368.D (-1180) (-)

5.38

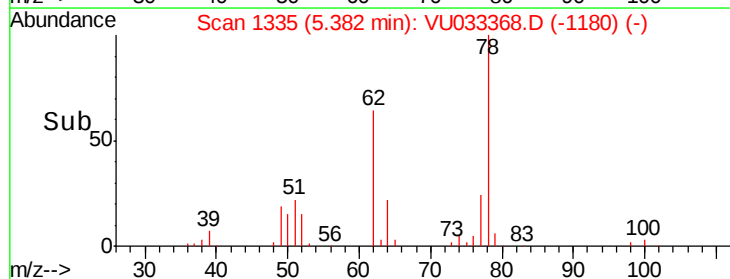
60000

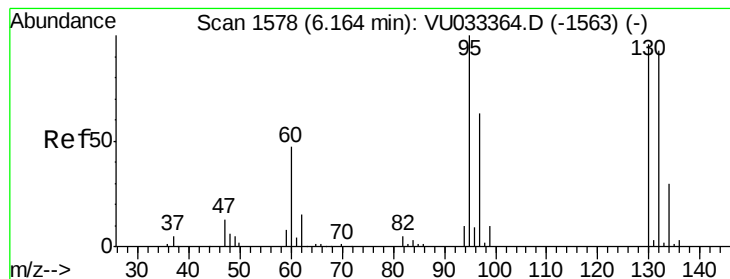
40000

20000

0

Time-->





#37

Trichloroethene

Concen: 10.361 ug/l

RT: 6.16 min Scan# 1578

Delta R.T. -0.00 min

Lab File: VU033368.D

Acq: 23 Jul 2019 08:54

Instrument :

MSVOA_U

ClientSampleId :

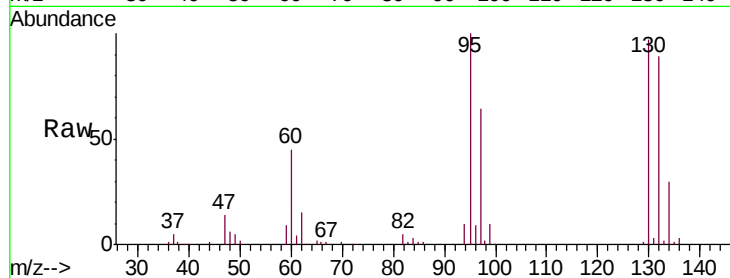
VSTDCCC010

Tgt Ion:130 Resp: 106935

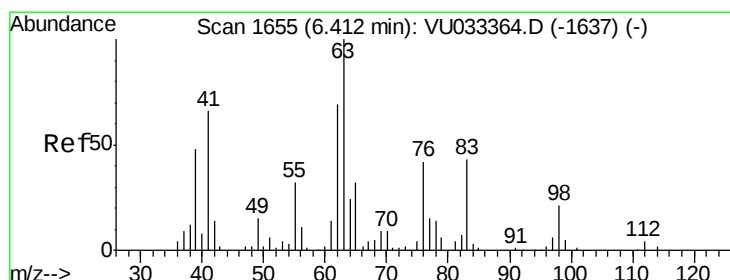
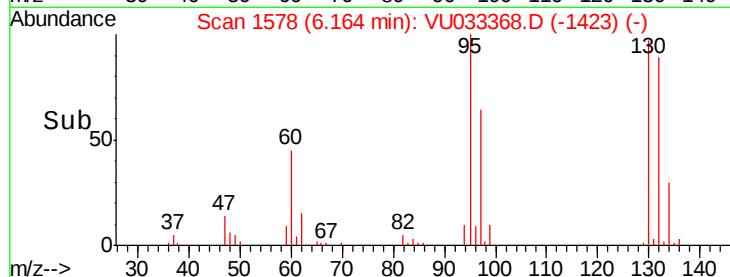
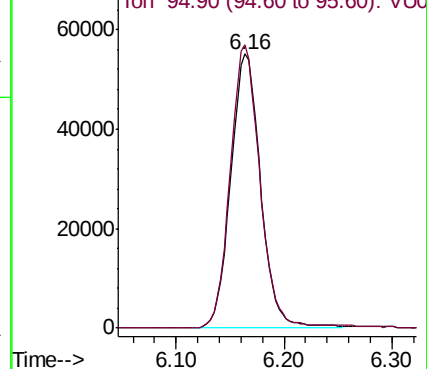
Ion Ratio Lower Upper

130 100

95 103.2 83.4 125.0



Abundance Ion 129.90 (129.60 to 130.60): VU033368.D (-1563) (-)



#38

1,2-Dichloropropane

Concen: 9.875 ug/l

RT: 6.41 min Scan# 1655

Delta R.T. -0.00 min

Lab File: VU033368.D

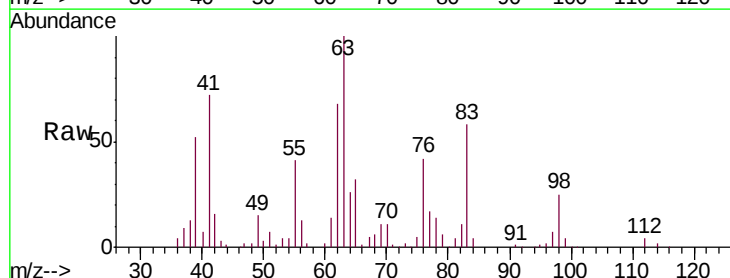
Acq: 23 Jul 2019 08:54

Tgt Ion: 63 Resp: 106549

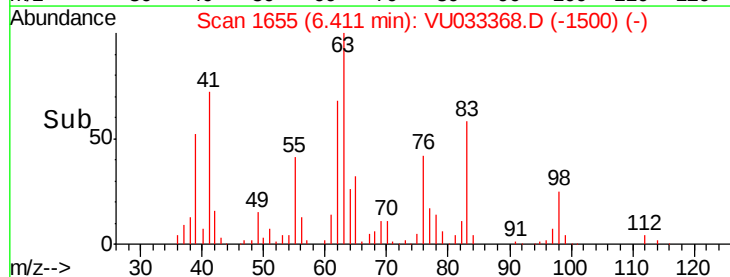
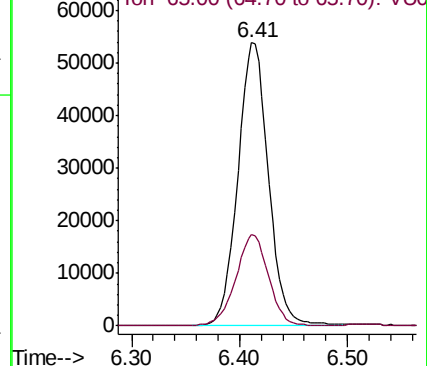
Ion Ratio Lower Upper

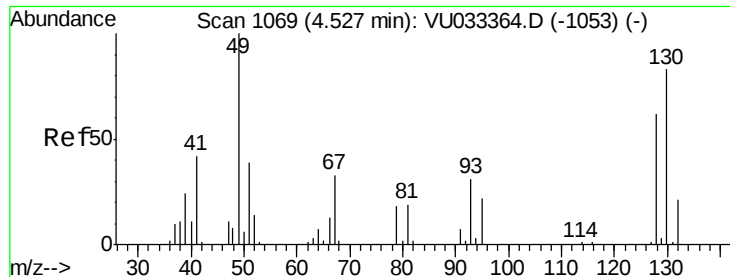
63 100

65 32.3 25.7 38.5



Abundance Ion 63.00 (62.70 to 63.70): VU033368.D (-1500) (-)

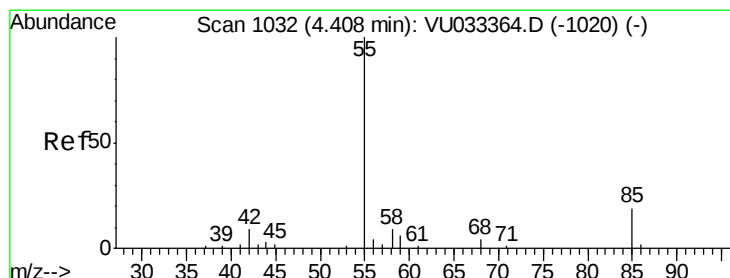
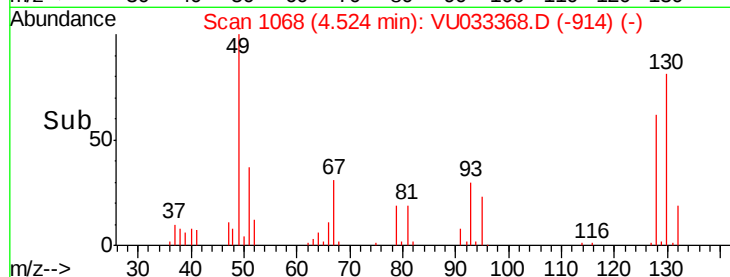
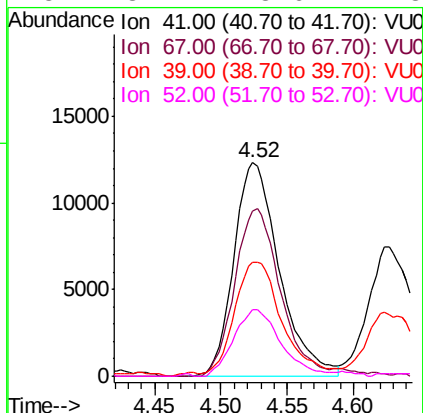
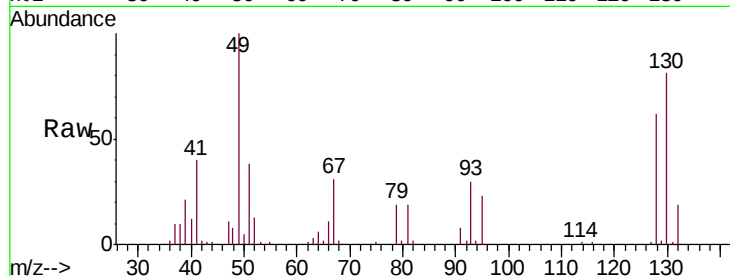




#39
Methacrylonitrile
Concen: 9.790 ug/l
RT: 4.52 min Scan# 1068
Delta R.T. -0.00 min
Lab File: VU033368.D
Acq: 23 Jul 2019 08:54

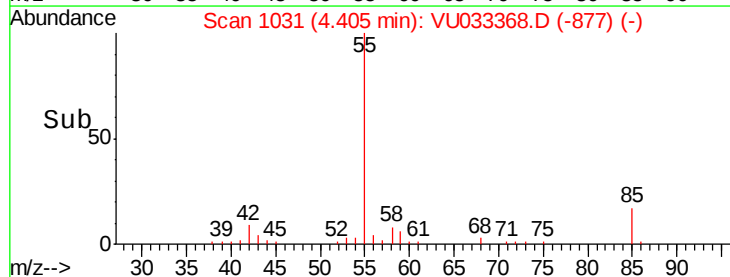
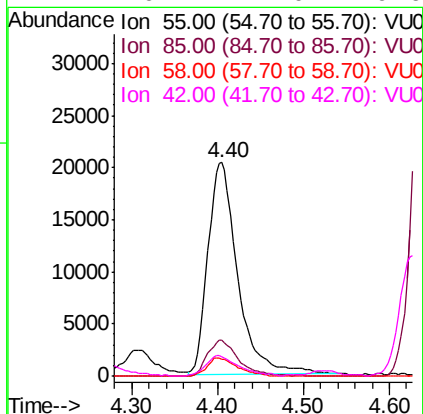
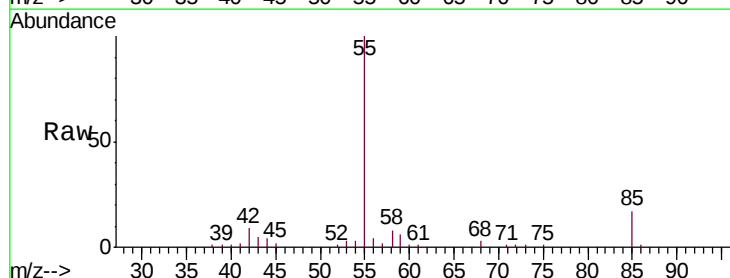
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

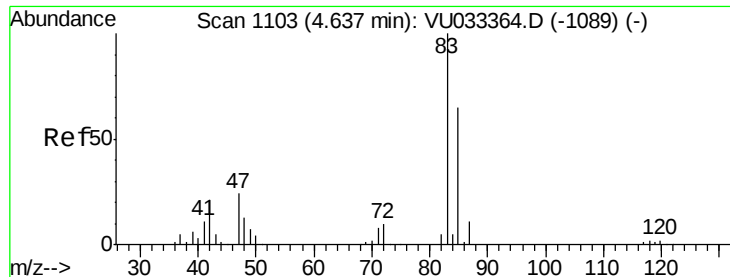
Tgt Ion:	41	Resp:	29486
Ion	Ratio	Lower	Upper
41	100		
67	78.0	64.4	96.6
39	52.3	46.8	70.2
52	32.2	28.6	42.8



#40
Methyl acrylate
Concen: 10.597 ug/l
RT: 4.40 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VU033368.D
Acq: 23 Jul 2019 08:54

Tgt Ion:	55	Resp:	49658
Ion	Ratio	Lower	Upper
55	100		
85	16.9	14.8	22.2
58	8.4	7.1	10.7
42	10.2	7.0	10.6





#41

Tetrahydrofuran

Concen: 19.420 ug/l

RT: 4.63 min Scan# 1100

Delta R.T. -0.01 min

Lab File: VU033368.D

Acq: 23 Jul 2019 08:54

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

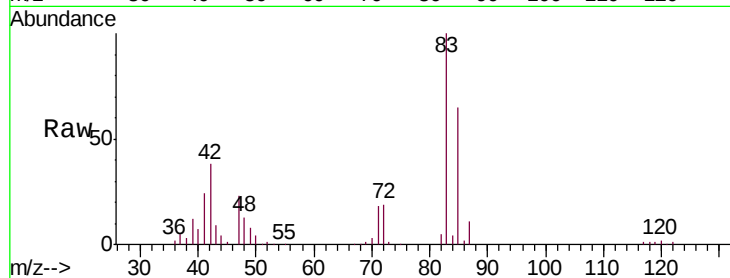
Tgt Ion: 42 Resp: 29330

Ion Ratio Lower Upper

42 100

72 51.2 38.7 58.1

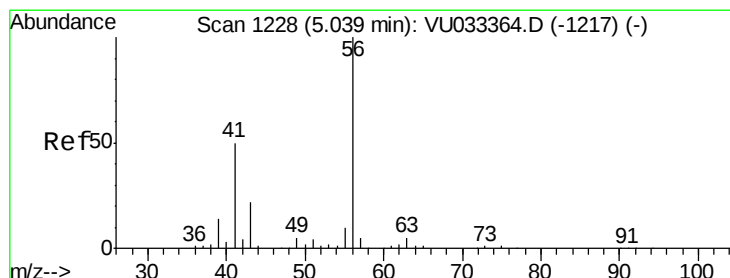
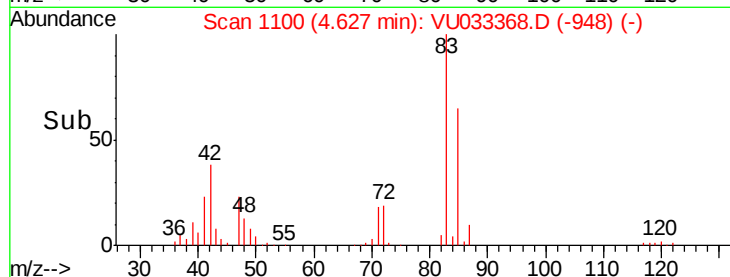
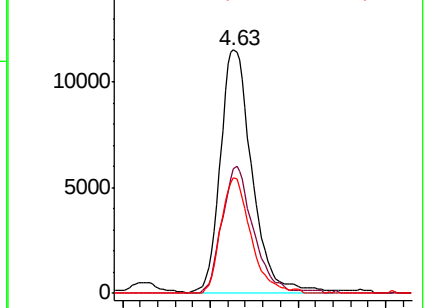
71 44.1 34.6 52.0



Abundance Ion 42.00 (41.70 to 42.70): VU033368.D (-948) (-)

Ion 72.00 (71.70 to 72.70): VU033368.D (-948) (-)

Ion 71.00 (70.70 to 71.70): VU033368.D (-948) (-)



#42

1-Chlorobutane

Concen: 10.251 ug/l

RT: 5.04 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VU033368.D

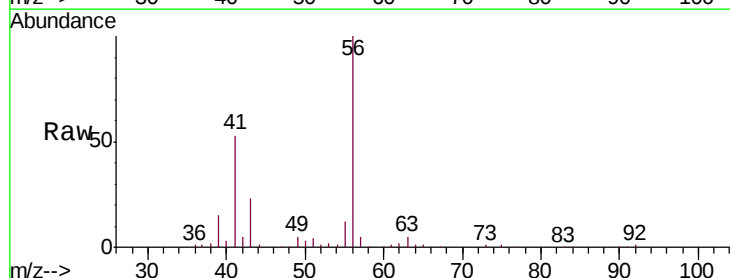
Acq: 23 Jul 2019 08:54

Tgt Ion: 56 Resp: 186023

Ion Ratio Lower Upper

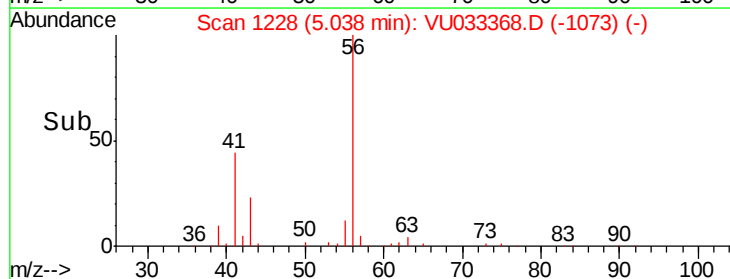
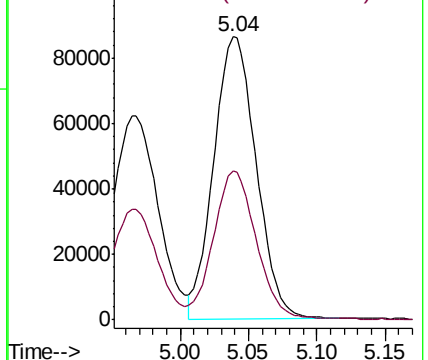
56 100

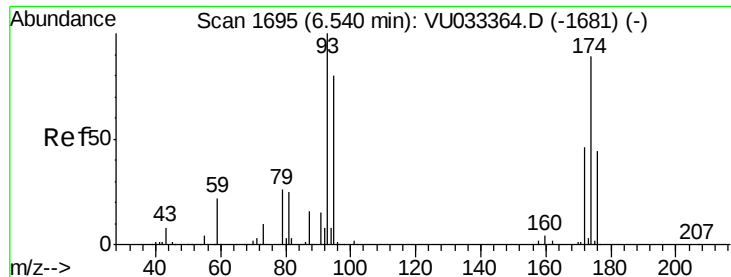
41 53.3 25.7 77.1



Abundance Ion 56.00 (55.70 to 56.70): VU033368.D (-1073) (-)

Ion 41.00 (40.70 to 41.70): VU033368.D (-1073) (-)

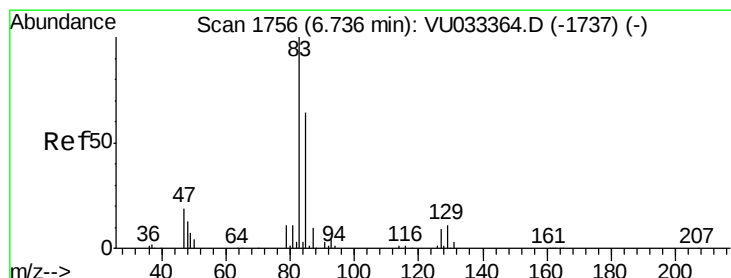
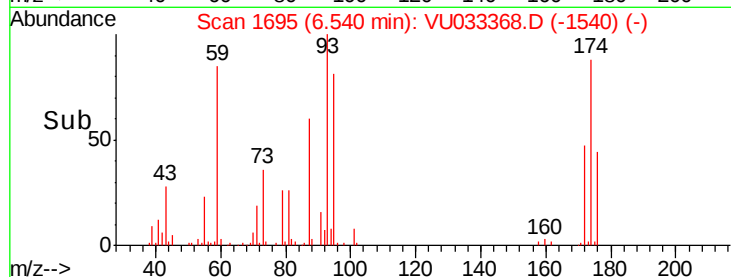
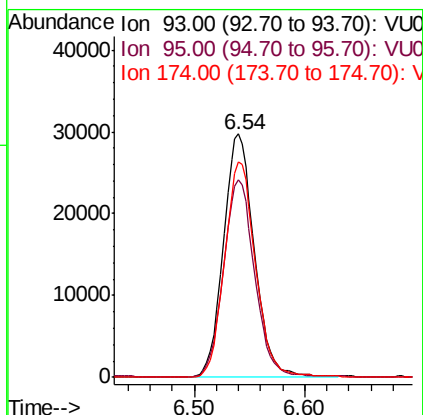
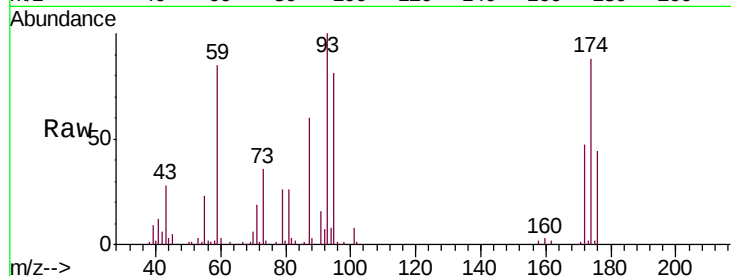




#43
Dibromomethane
Concen: 9.672 ug/l
RT: 6.54 min Scan# 1695
Delta R.T. -0.00 min
Lab File: VU033368.D
Acq: 23 Jul 2019 08:54

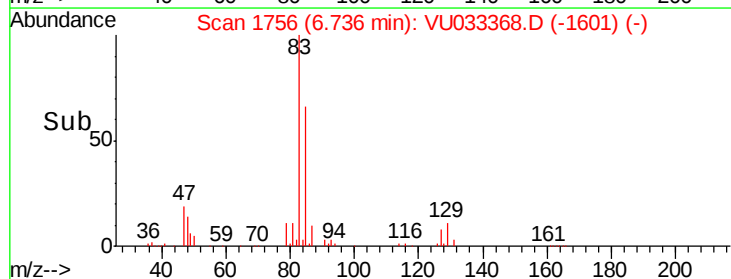
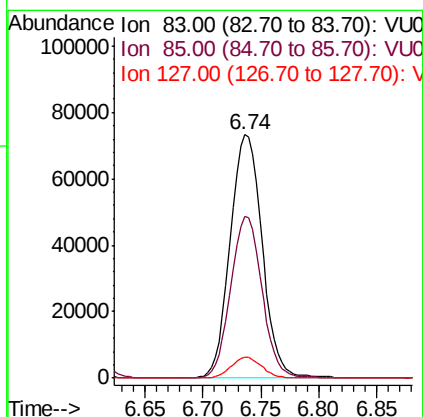
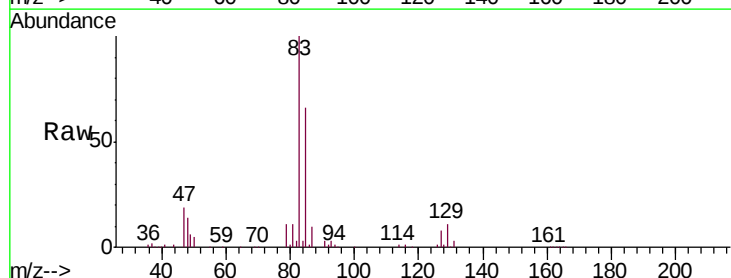
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

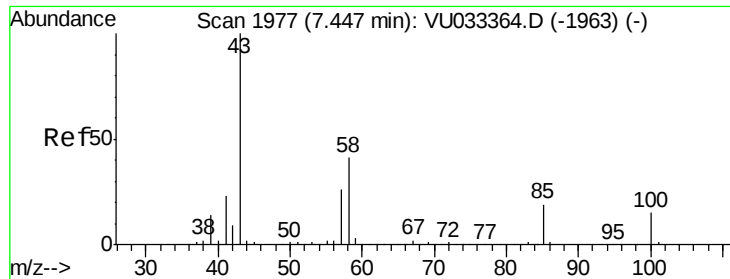
Tgt Ion: 93 Resp: 57776
Ion Ratio Lower Upper
93 100
95 81.9 65.3 97.9
174 88.5 70.7 106.1



#44
Bromodichloromethane
Concen: 9.654 ug/l
RT: 6.74 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VU033368.D
Acq: 23 Jul 2019 08:54

Tgt Ion: 83 Resp: 139033
Ion Ratio Lower Upper
83 100
85 66.5 51.1 76.7
127 8.4 7.2 10.8

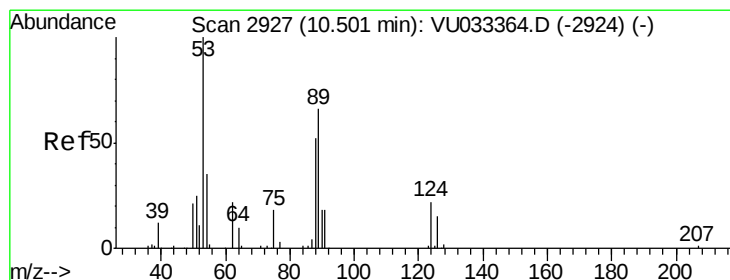
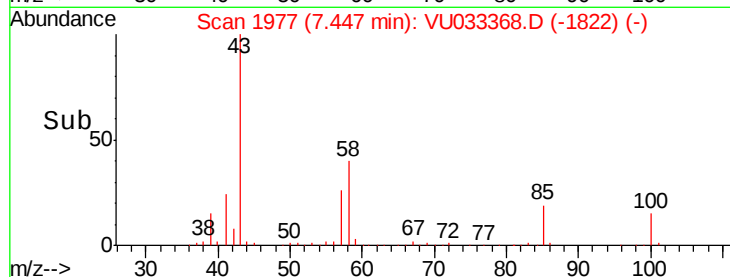
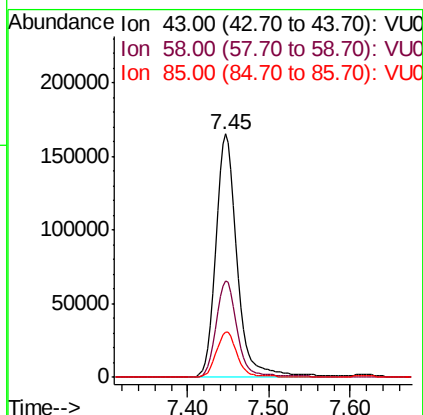
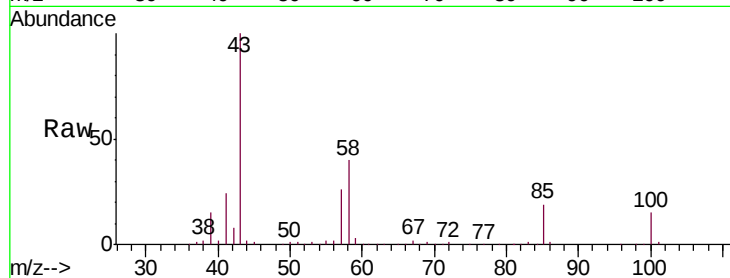




#45
 4-Methyl-2-Pentanone
 Concen: 50.573 ug/l
 RT: 7.45 min Scan# 1977
 Delta R.T. -0.00 min
 Lab File: VU033368.D
 Acq: 23 Jul 2019 08:54

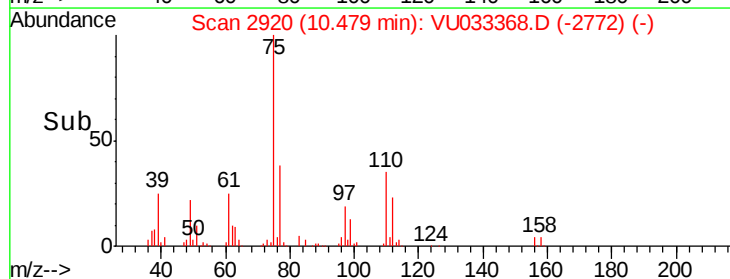
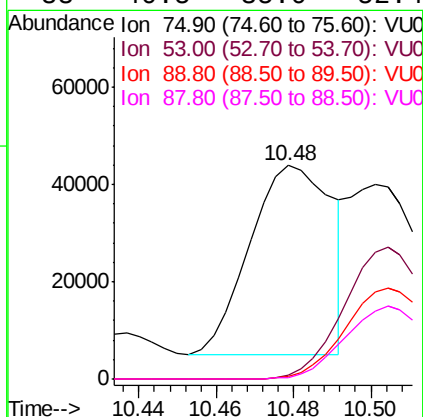
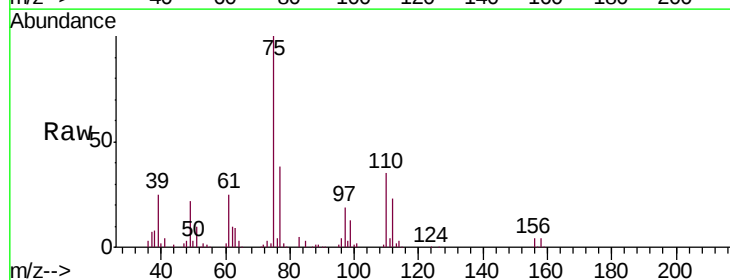
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

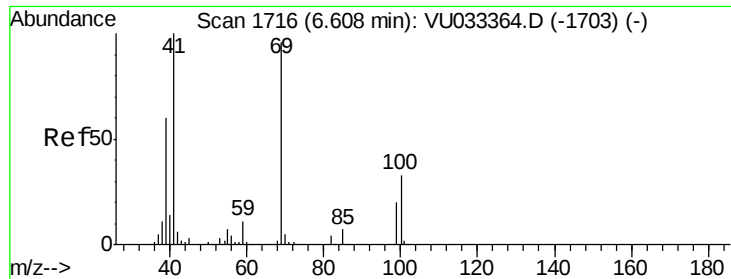
Tgt Ion: 43 Resp: 308090
 Ion Ratio Lower Upper
 43 100
 58 40.1 20.3 60.8
 85 18.8 15.0 22.6



#46
 t-1,4-Dichloro-2-butene
 Concen: 23.374 ug/l
 RT: 10.48 min Scan# 2920
 Delta R.T. -0.02 min
 Lab File: VU033368.D
 Acq: 23 Jul 2019 08:54

Tgt Ion: 75 Resp: 57468
 Ion Ratio Lower Upper
 75 100
 53 73.2 62.9 94.3
 89 51.6 43.0 64.4
 88 40.5 35.0 52.4

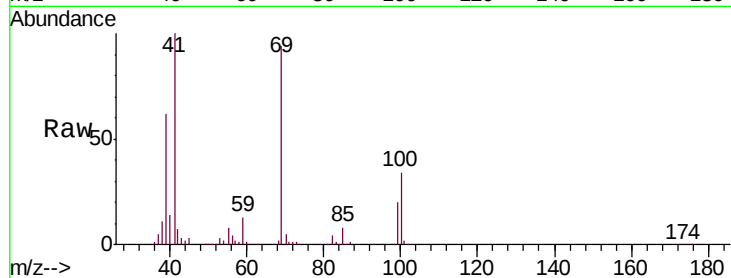




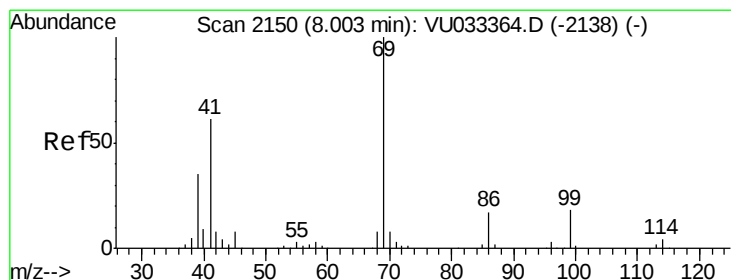
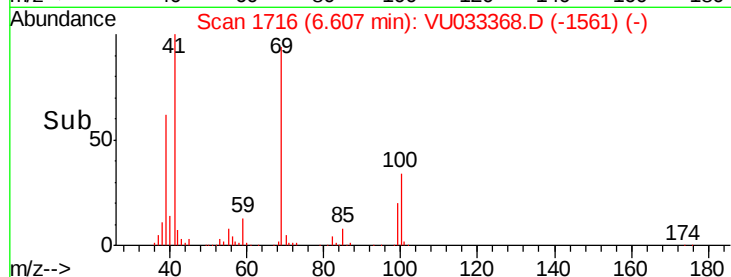
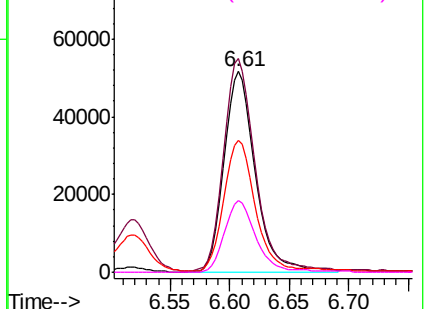
#47
Methyl methacrylate
Concen: 20.815 ug/l
RT: 6.61 min Scan# 1716
Delta R.T. -0.00 min
Lab File: VU033368.D
Acq: 23 Jul 2019 08:54

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion: 69 Resp: 94766
Ion Ratio Lower Upper
69 100
41 104.8 0.0 208.2
39 64.4 50.6 75.8
100 36.0 27.2 40.8

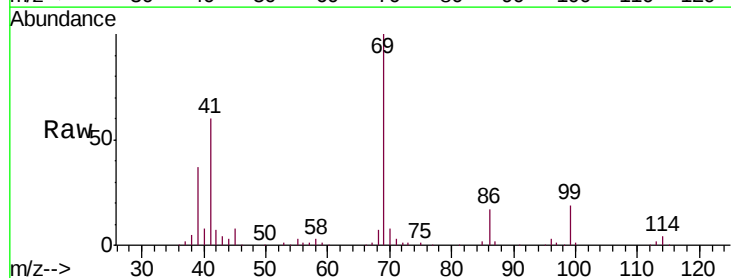


Abundance Ion 69.00 (68.70 to 69.70): VU0
Ion 41.00 (40.70 to 41.70): VU0
Ion 39.00 (38.70 to 39.70): VU0
Ion 100.00 (99.70 to 100.70): VU0

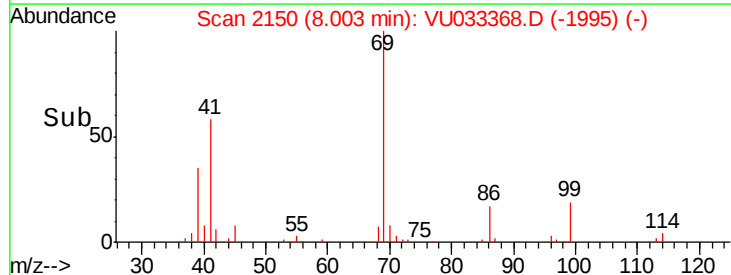
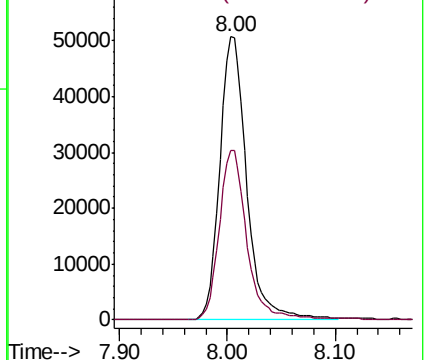


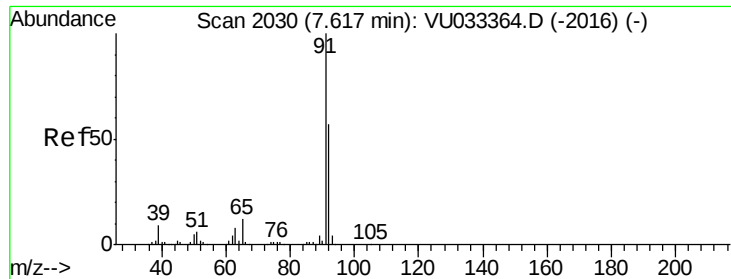
#48
Ethyl methacrylate
Concen: 11.001 ug/l
RT: 8.00 min Scan# 2150
Delta R.T. -0.00 min
Lab File: VU033368.D
Acq: 23 Jul 2019 08:54

Tgt Ion: 69 Resp: 88278
Ion Ratio Lower Upper
69 100
41 61.4 30.9 92.7



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





#49

Toluene

Concen: 11.311 ug/l

RT: 7.62 min Scan# 2030

Delta R.T. -0.00 min

Lab File: VU033368.D

Acq: 23 Jul 2019 08:54

Instrument :

MSVOA_U

ClientSampleId :

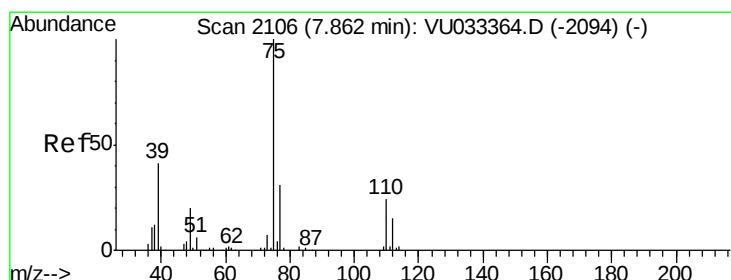
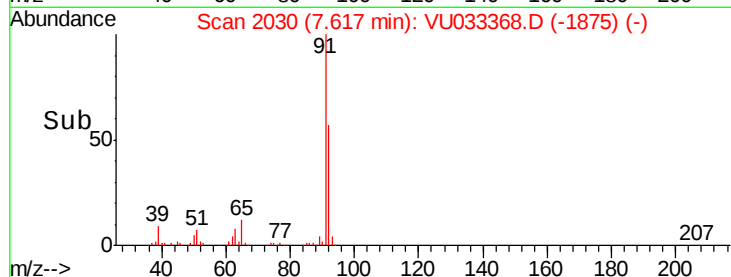
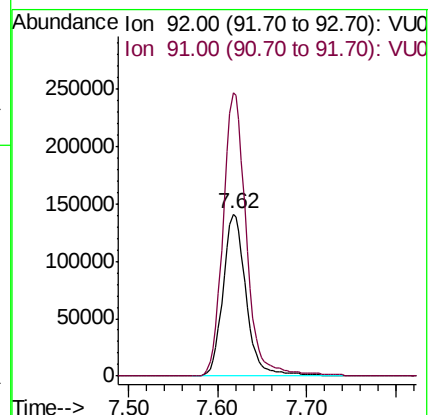
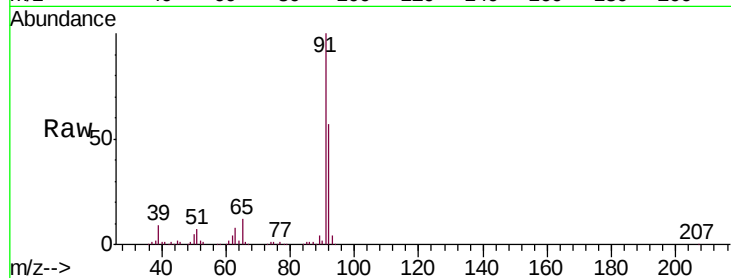
VSTDCCC010

Tgt Ion: 92 Resp: 253388

Ion Ratio Lower Upper

92 100

91 176.6 142.1 213.1



#50

t-1,3-Dichloropropene

Concen: 10.751 ug/l

RT: 7.86 min Scan# 2106

Delta R.T. -0.00 min

Lab File: VU033368.D

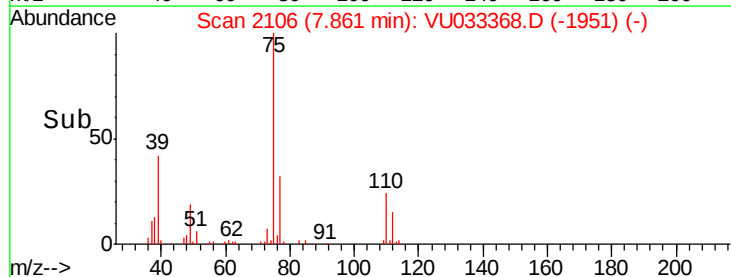
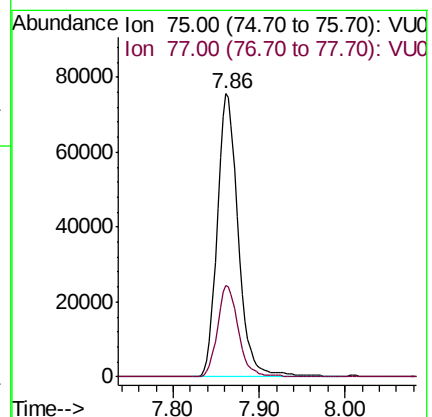
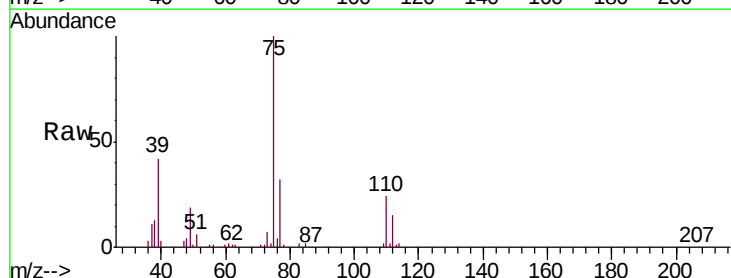
Acq: 23 Jul 2019 08:54

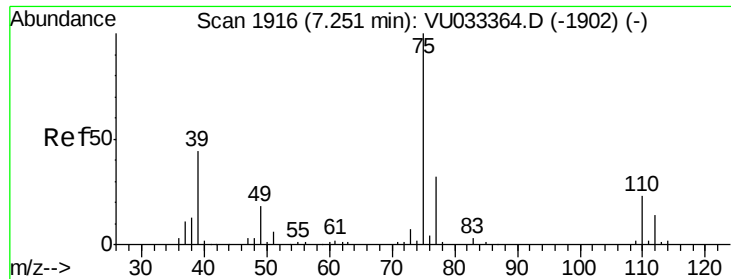
Tgt Ion: 75 Resp: 129153

Ion Ratio Lower Upper

75 100

77 32.4 25.2 37.8

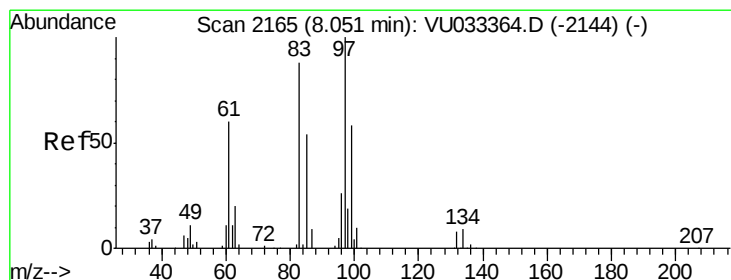
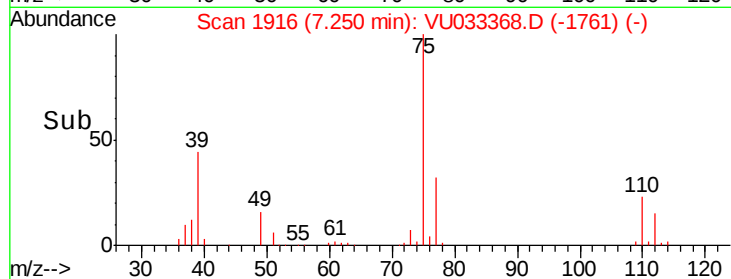
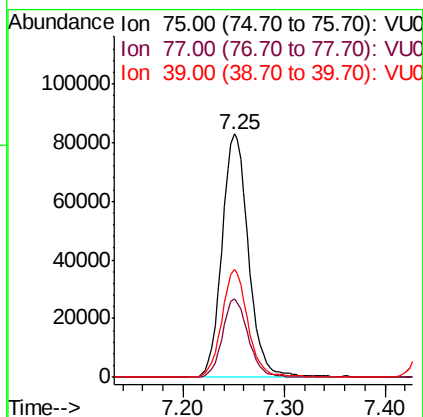
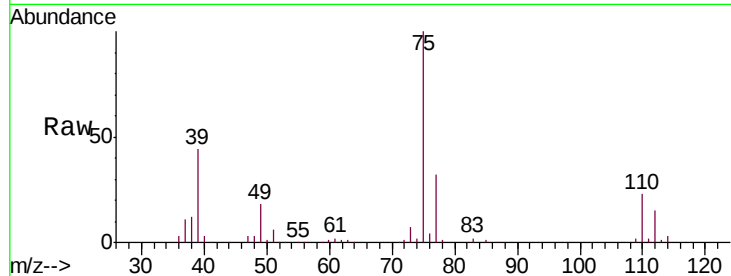




#51
 cis-1,3-Dichloropropene
 Concen: 10.724 ug/l
 RT: 7.25 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VU033368.D
 Acq: 23 Jul 2019 08:54

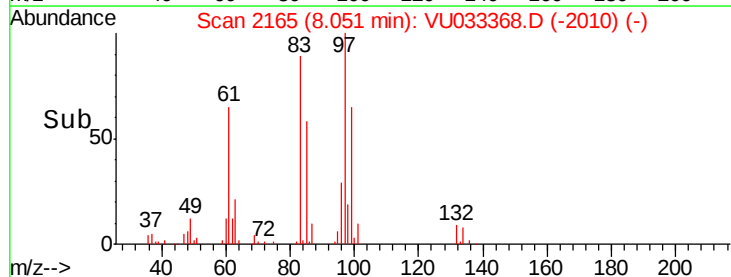
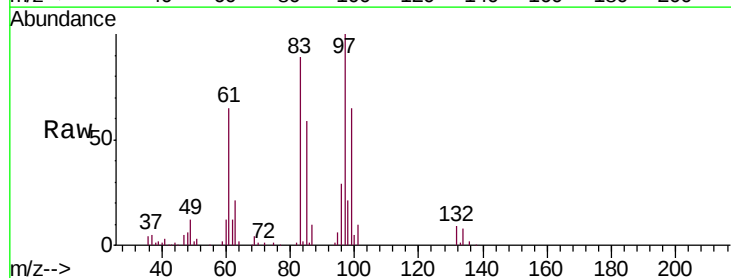
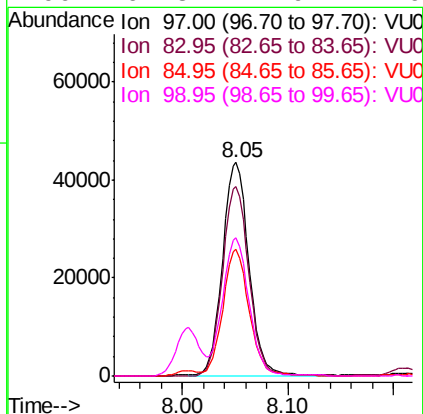
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

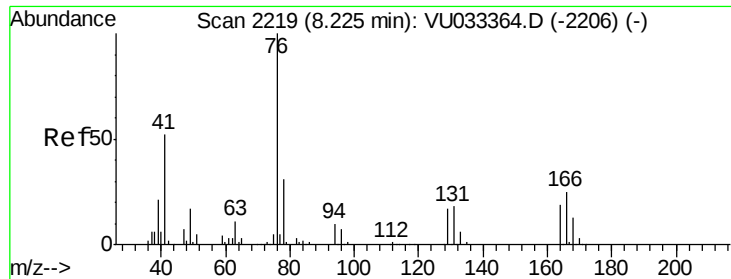
Tgt Ion: 75 Resp: 152103
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.8 38.8
 39 44.0 35.2 52.8



#52
 1,1,2-Trichloroethane
 Concen: 9.390 ug/l
 RT: 8.05 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VU033368.D
 Acq: 23 Jul 2019 08:54

Tgt Ion: 97 Resp: 74959
 Ion Ratio Lower Upper
 97 100
 83 89.0 70.2 105.2
 85 59.3 43.5 65.3
 99 64.8 47.9 71.9

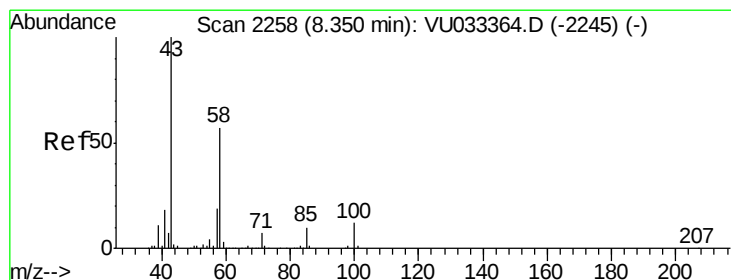
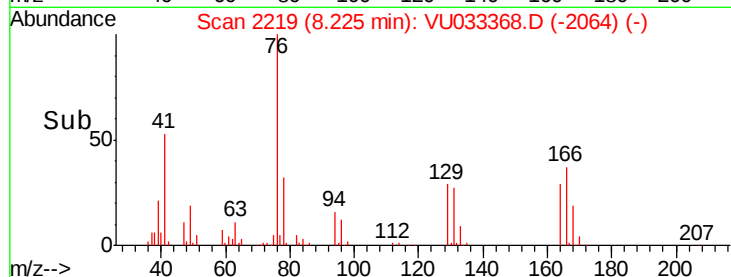
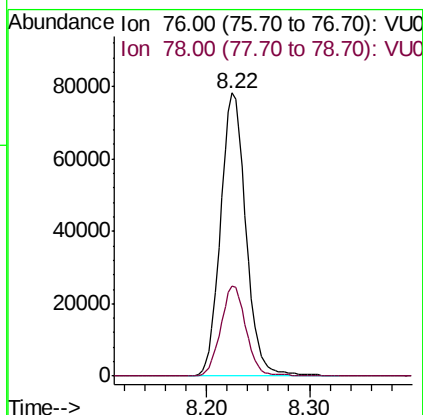
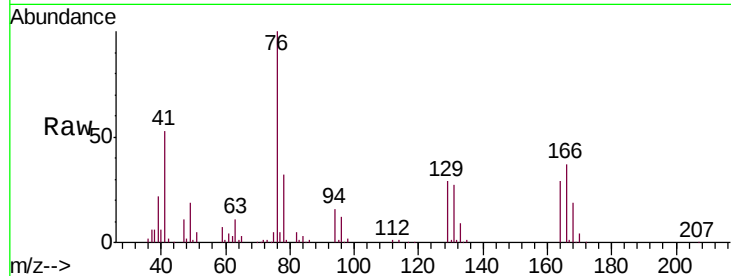




#53
 1,3-Dichloropropane
 Concen: 9.983 ug/l
 RT: 8.22 min Scan# 2219
 Delta R.T. -0.00 min
 Lab File: VU033368.D
 Acq: 23 Jul 2019 08:54

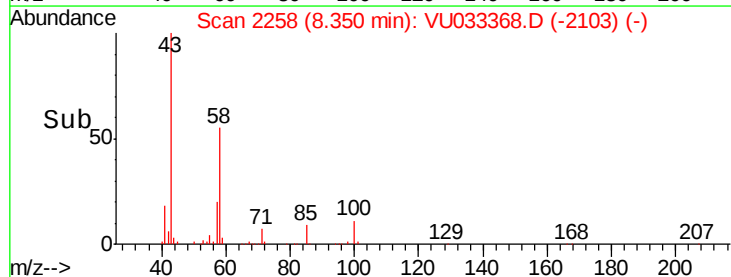
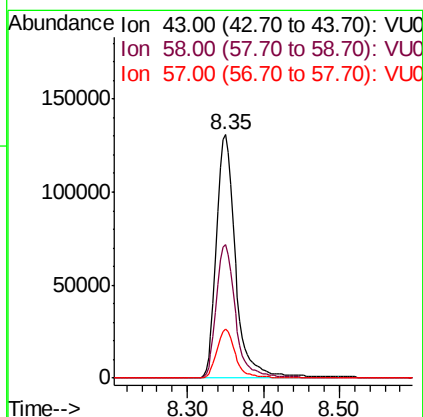
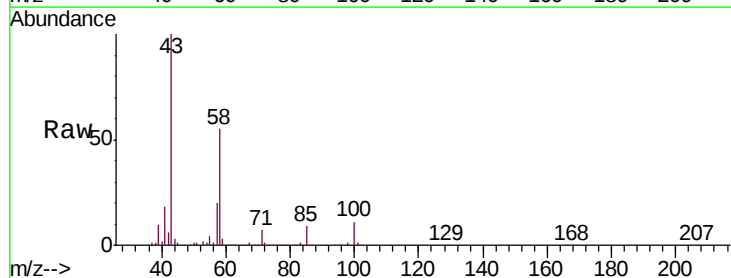
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

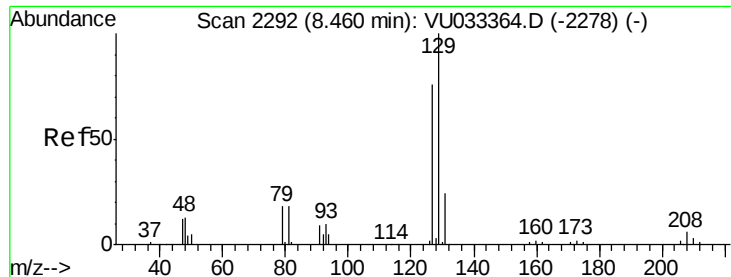
Tgt Ion: 76 Resp: 134671
 Ion Ratio Lower Upper
 76 100
 78 31.8 25.7 38.5



#54
 2-Hexanone
 Concen: 53.537 ug/l
 RT: 8.35 min Scan# 2258
 Delta R.T. -0.00 min
 Lab File: VU033368.D
 Acq: 23 Jul 2019 08:54

Tgt Ion: 43 Resp: 229586
 Ion Ratio Lower Upper
 43 100
 58 55.3 36.0 76.0
 57 19.3 0.0 39.4

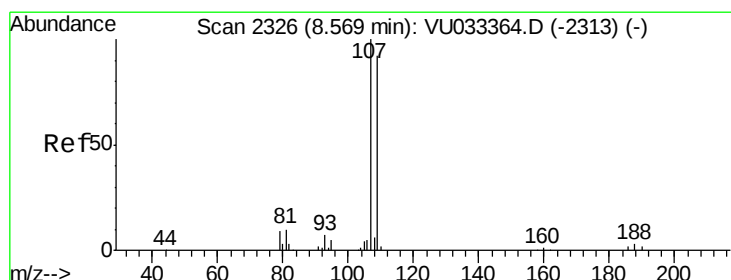
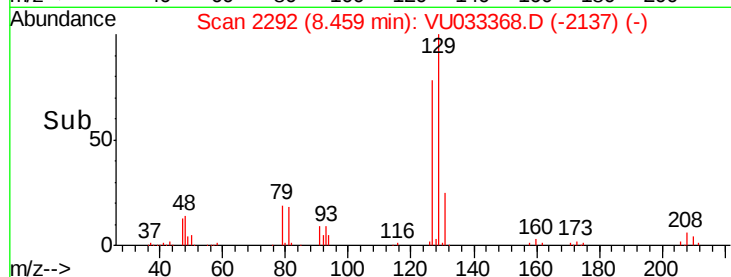
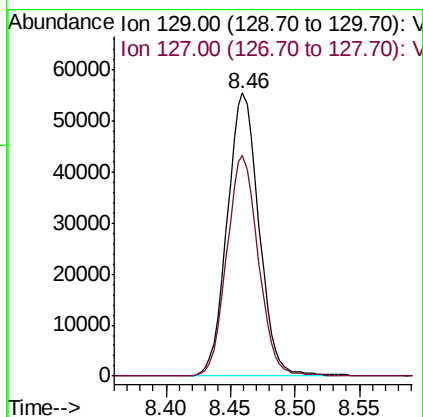
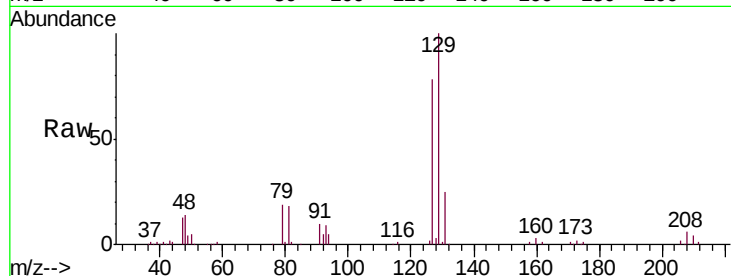




#55
 Dibromochloromethane
 Concen: 10.164 ug/l
 RT: 8.46 min Scan# 2292
 Delta R.T. -0.00 min
 Lab File: VU033368.D
 Acq: 23 Jul 2019 08:54

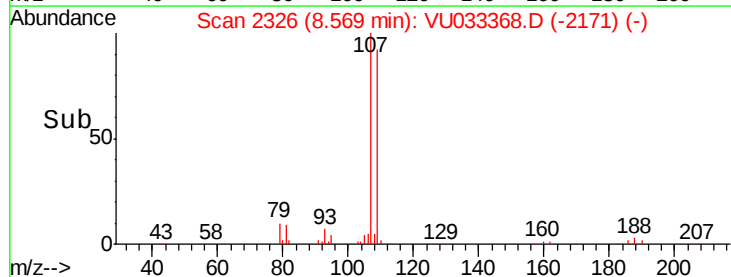
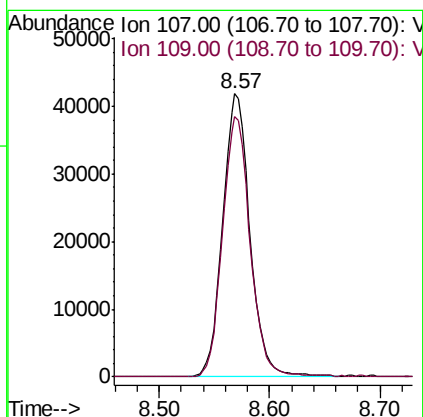
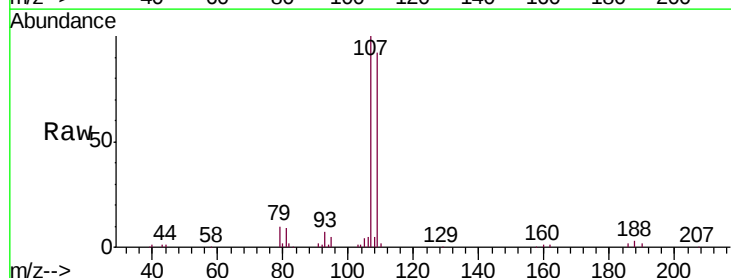
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

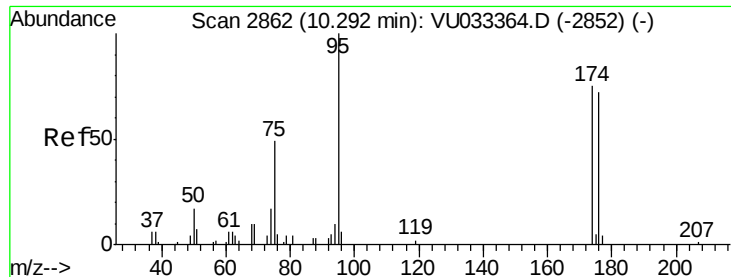
Tgt Ion:129 Resp: 94777
 Ion Ratio Lower Upper
 129 100
 127 77.4 60.9 91.3



#56
 1,2-Dibromoethane
 Concen: 9.647 ug/l
 RT: 8.57 min Scan# 2326
 Delta R.T. -0.00 min
 Lab File: VU033368.D
 Acq: 23 Jul 2019 08:54

Tgt Ion:107 Resp: 71782
 Ion Ratio Lower Upper
 107 100
 109 93.0 0.0 184.8

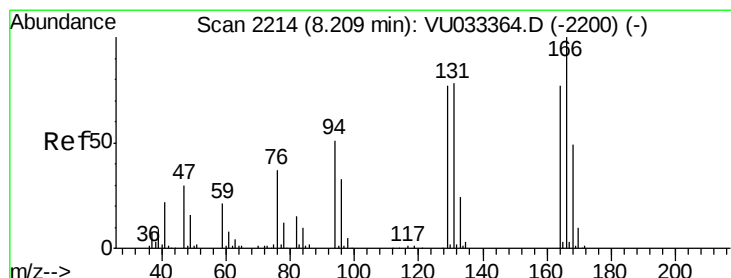
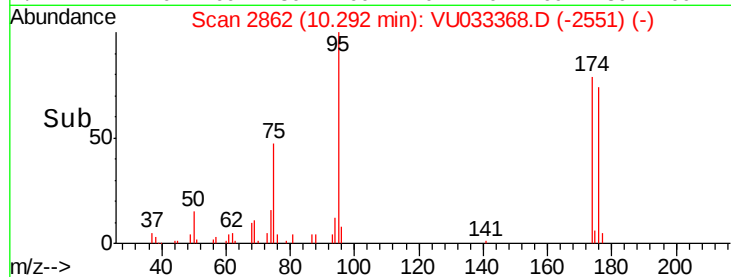
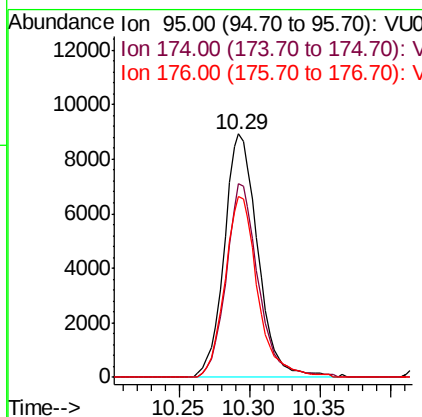
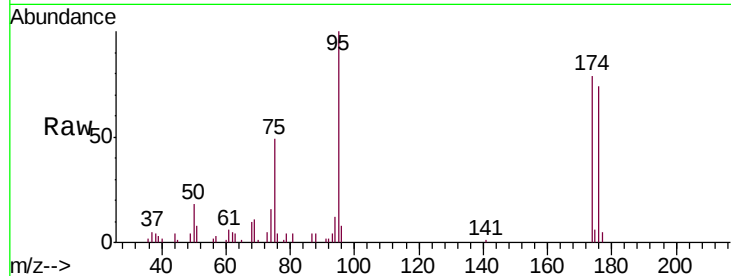




#57
 4-Bromofluorobenzene
 Concen: 1.154 ug/l
 RT: 10.29 min Scan# 2862
 Delta R.T. -0.00 min
 Lab File: VU033368.D
 Acq: 23 Jul 2019 08:54

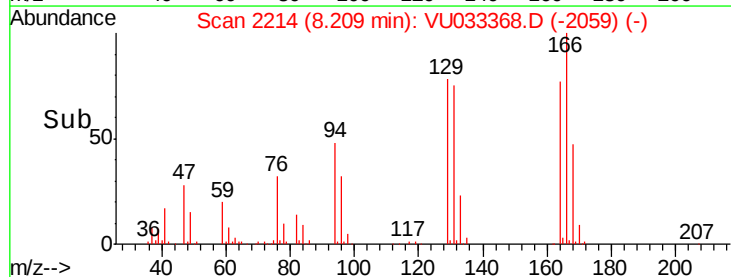
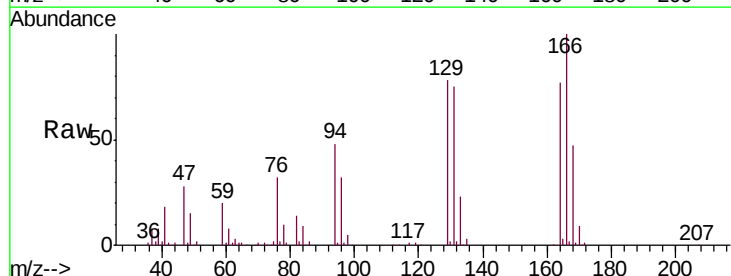
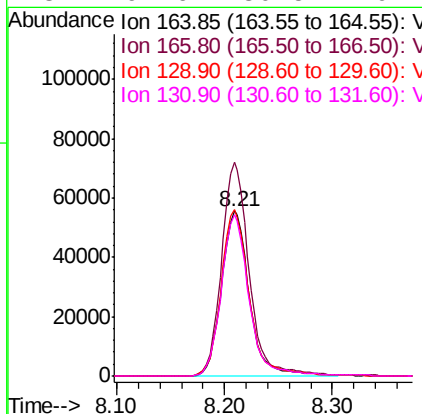
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

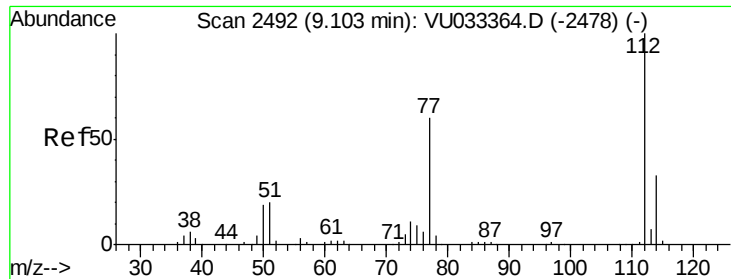
Tgt Ion: 95 Resp: 14826
 Ion Ratio Lower Upper
 95 100
 174 75.8 58.8 88.2
 176 72.5 54.4 81.6



#58
 Tetrachloroethene
 Concen: 10.646 ug/l
 RT: 8.21 min Scan# 2214
 Delta R.T. -0.00 min
 Lab File: VU033368.D
 Acq: 23 Jul 2019 08:54

Tgt Ion: 164 Resp: 99641
 Ion Ratio Lower Upper
 164 100
 166 129.5 103.8 155.6
 129 100.9 79.7 119.5
 131 97.6 80.5 120.7

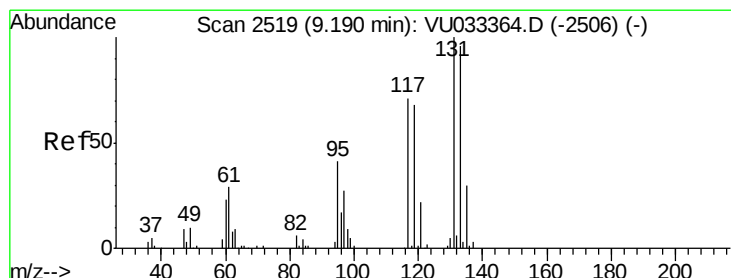
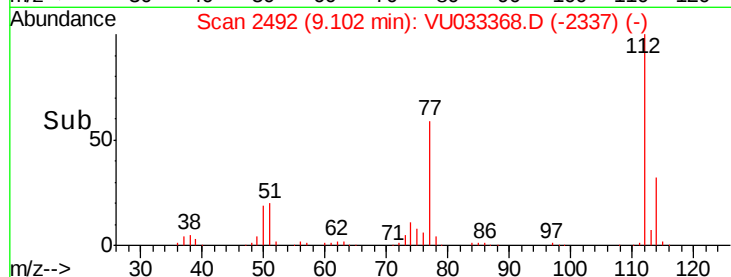
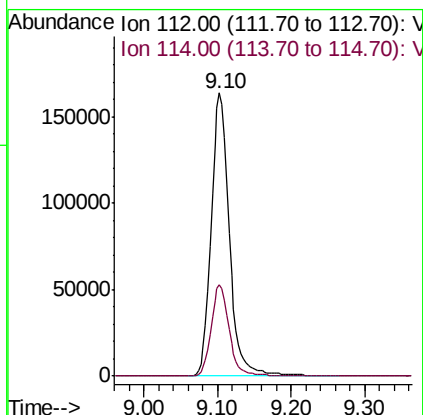
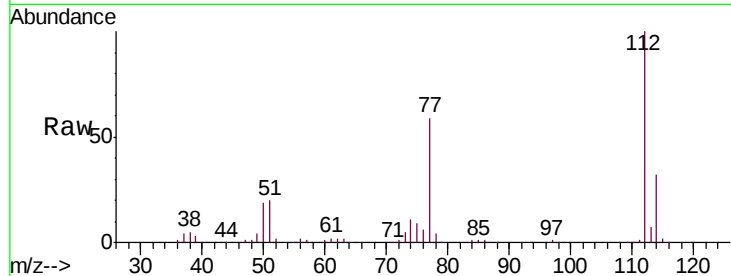




#59
Chlorobenzene
Concen: 10.917 ug/l
RT: 9.10 min Scan# 2492
Delta R.T. -0.00 min
Lab File: VU033368.D
Acq: 23 Jul 2019 08:54

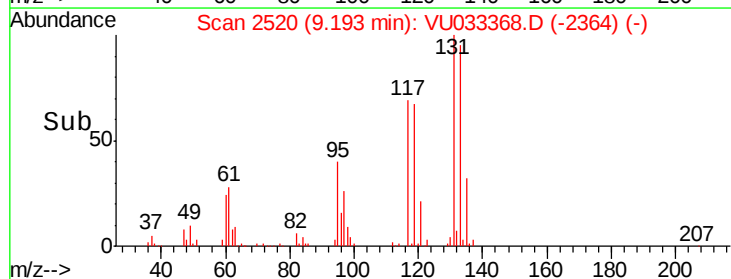
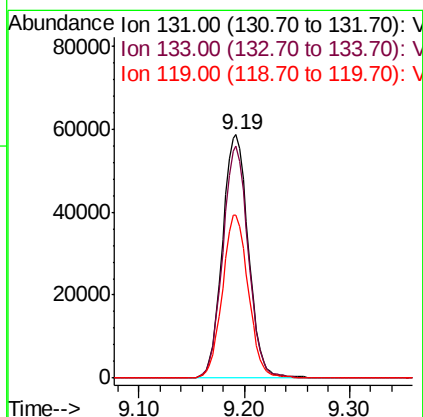
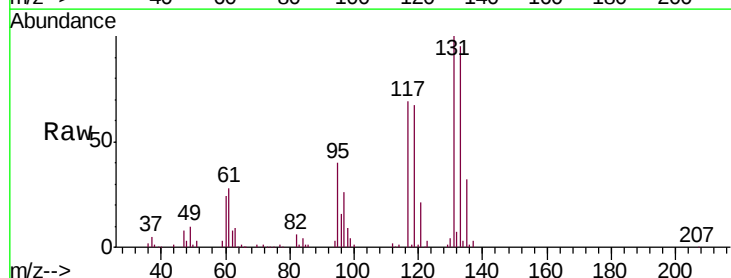
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

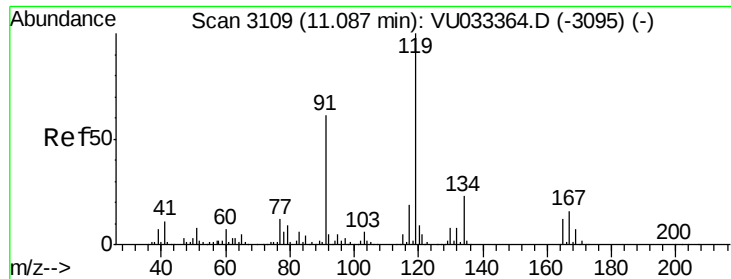
Tgt Ion:112 Resp: 280372
Ion Ratio Lower Upper
112 100
114 32.4 26.4 39.6



#60
1,1,1,2-Tetrachloroethane
Concen: 10.271 ug/l
RT: 9.19 min Scan# 2520
Delta R.T. 0.00 min
Lab File: VU033368.D
Acq: 23 Jul 2019 08:54

Tgt Ion:131 Resp: 100172
Ion Ratio Lower Upper
131 100
133 93.8 76.2 114.4
119 66.4 54.9 82.3

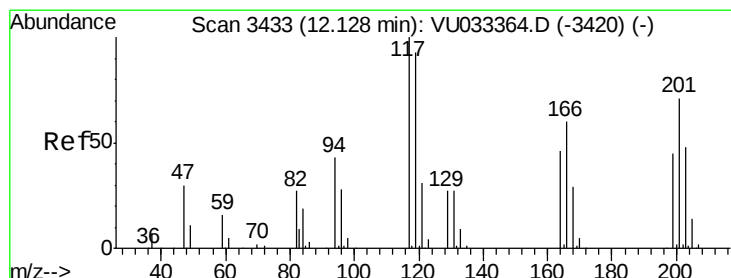
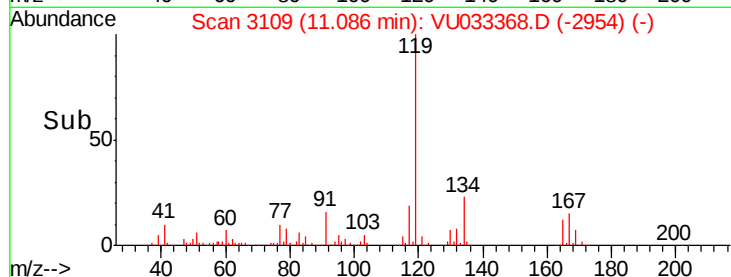
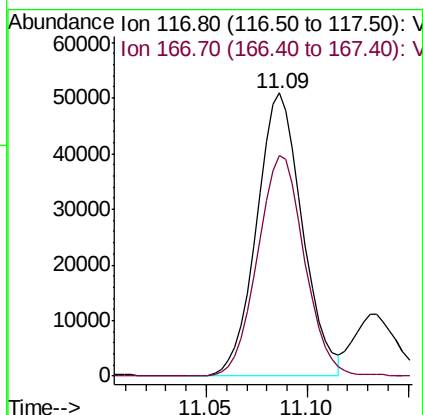
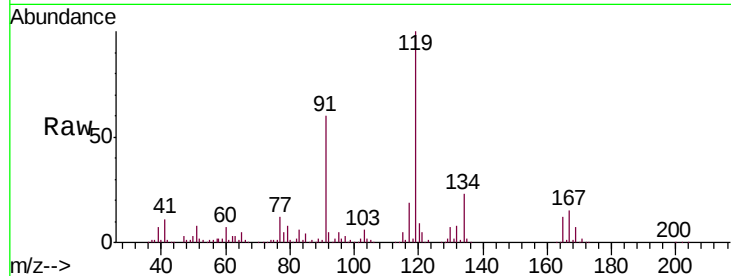




#61
 Pentachloroethane
 Concen: 10.043 ug/l
 RT: 11.09 min Scan# 3109
 Delta R.T. -0.00 min
 Lab File: VU033368.D
 Acq: 23 Jul 2019 08:54

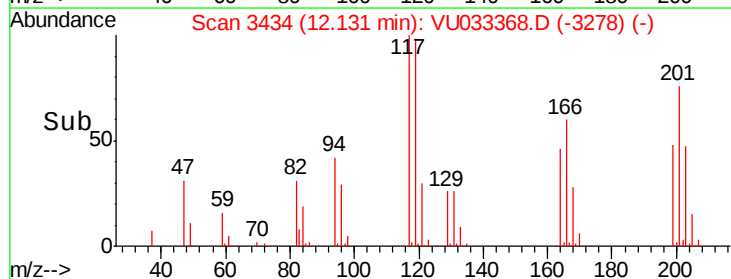
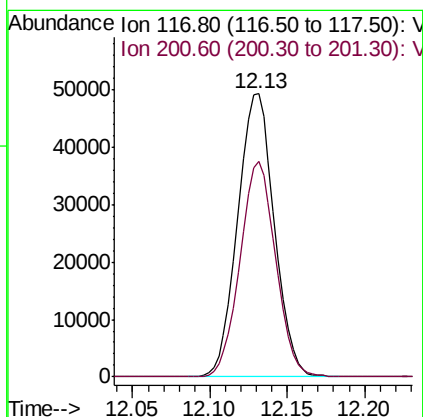
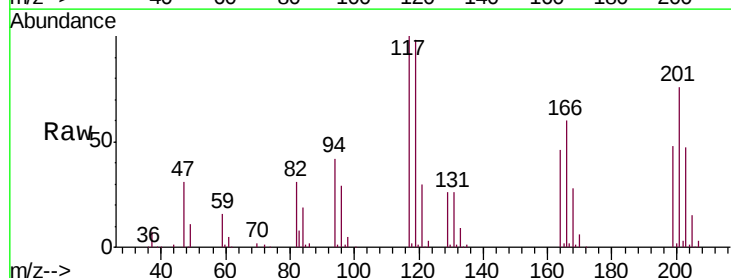
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

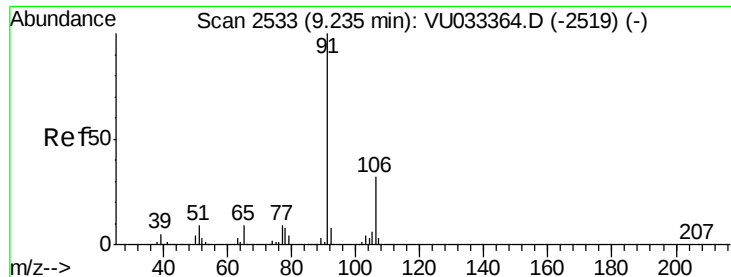
Tgt Ion:117 Resp: 80384
 Ion Ratio Lower Upper
 117 100
 167 79.9 63.4 95.0



#62
 Hexachloroethane
 Concen: 10.492 ug/l
 RT: 12.13 min Scan# 3434
 Delta R.T. 0.00 min
 Lab File: VU033368.D
 Acq: 23 Jul 2019 08:54

Tgt Ion:117 Resp: 81254
 Ion Ratio Lower Upper
 117 100
 201 74.0 57.9 86.9

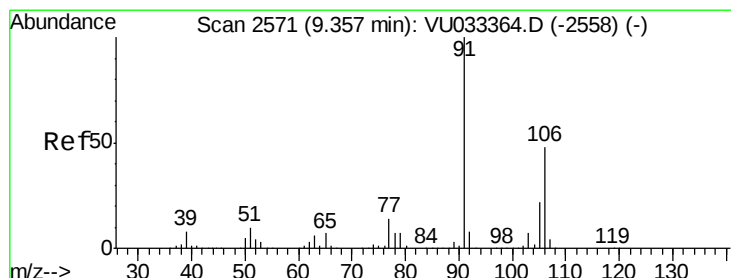
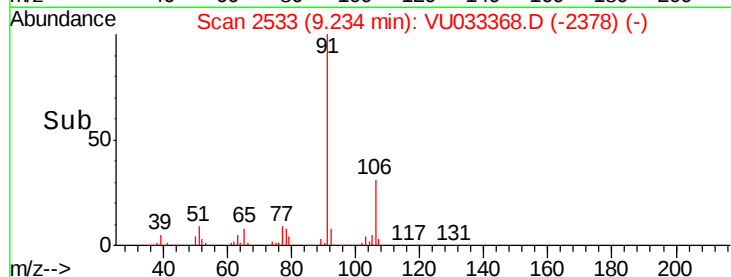
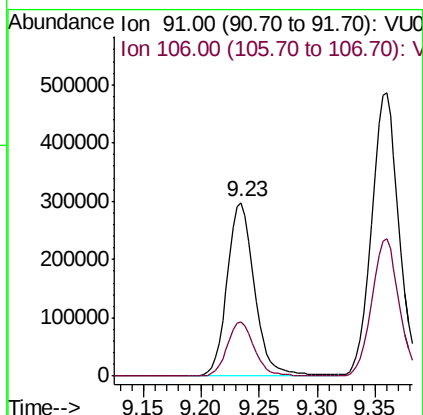
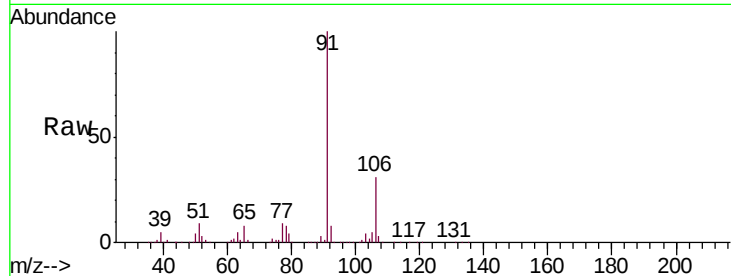




#63
Ethyl Benzene
Concen: 11.824 ug/l
RT: 9.23 min Scan# 2533
Delta R.T. -0.00 min
Lab File: VU033368.D
Acq: 23 Jul 2019 08:54

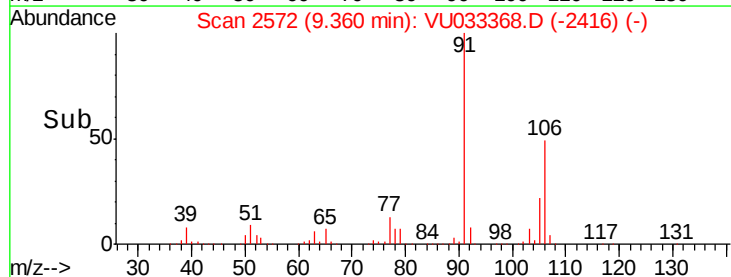
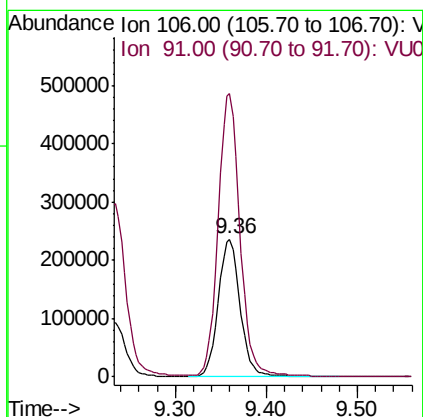
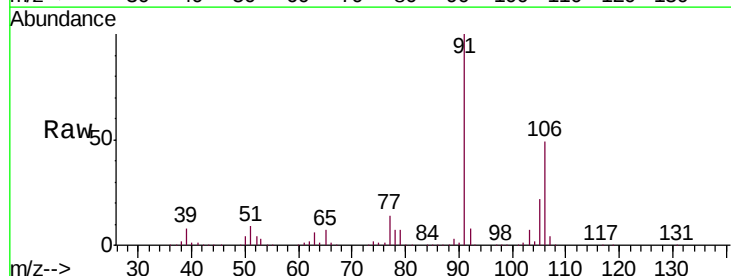
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

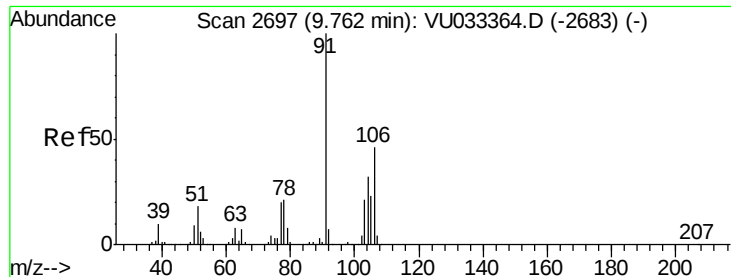
Tgt Ion: 91 Resp: 487612
Ion Ratio Lower Upper
91 100
106 31.5 25.4 38.2



#64
m/p-Xylenes
Concen: 23.870 ug/l
RT: 9.36 min Scan# 2572
Delta R.T. 0.00 min
Lab File: VU033368.D
Acq: 23 Jul 2019 08:54

Tgt Ion: 106 Resp: 393583
Ion Ratio Lower Upper
106 100
91 204.8 167.1 250.7

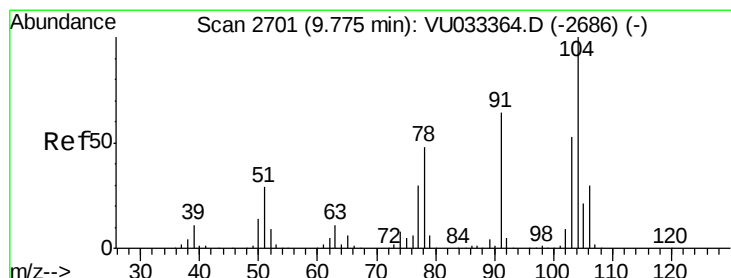
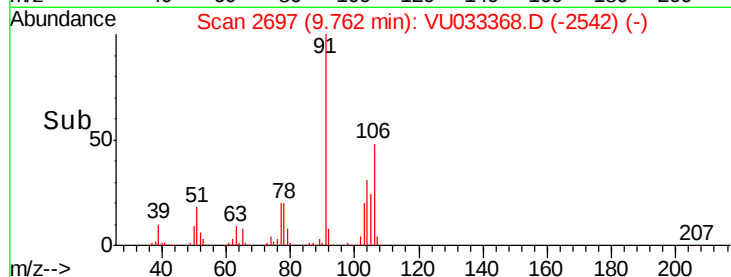
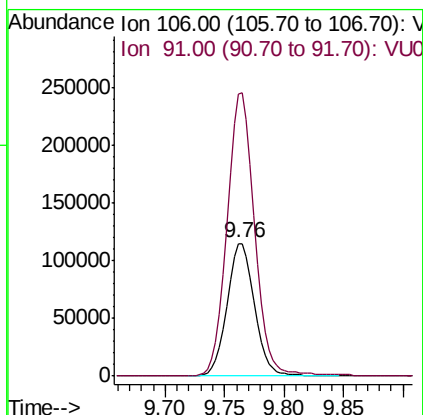
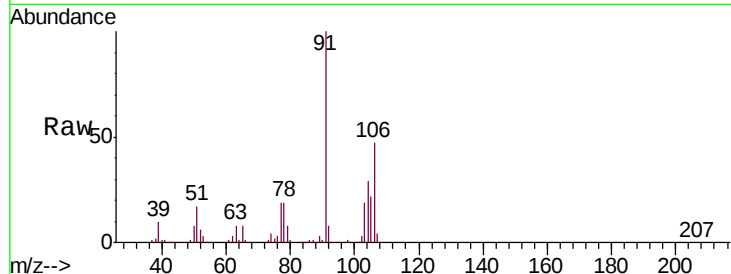




#65
o-Xylene
Concen: 11.663 ug/l
RT: 9.76 min Scan# 2697
Delta R.T. -0.00 min
Lab File: VU033368.D
Acq: 23 Jul 2019 08:54

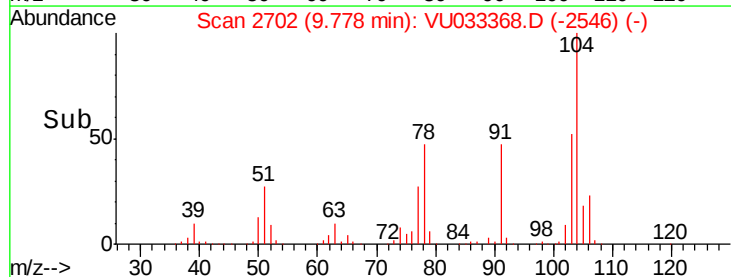
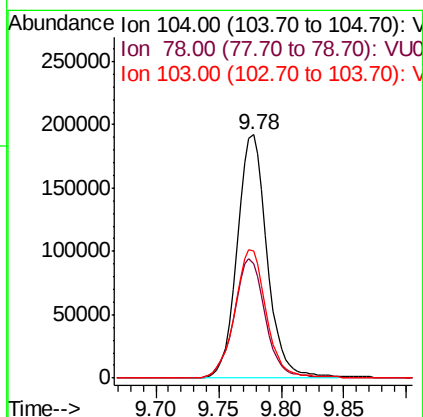
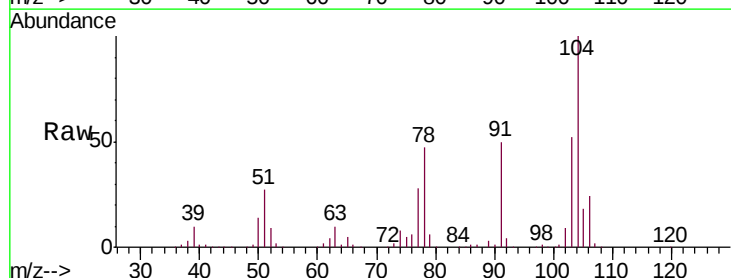
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

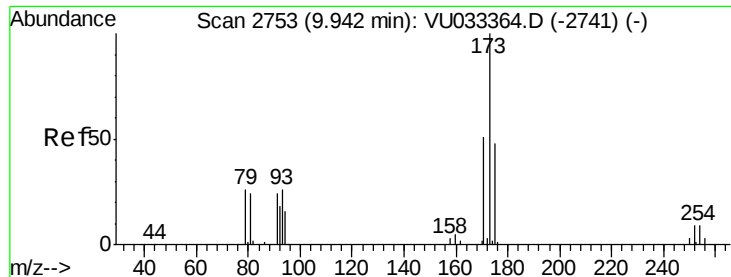
Tgt Ion:106 Resp: 184273
Ion Ratio Lower Upper
106 100
91 214.2 108.5 325.3



#66
Styrene
Concen: 11.876 ug/l
RT: 9.78 min Scan# 2702
Delta R.T. 0.00 min
Lab File: VU033368.D
Acq: 23 Jul 2019 08:54

Tgt Ion:104 Resp: 318315
Ion Ratio Lower Upper
104 100
78 51.9 41.2 61.8
103 56.1 44.7 67.1

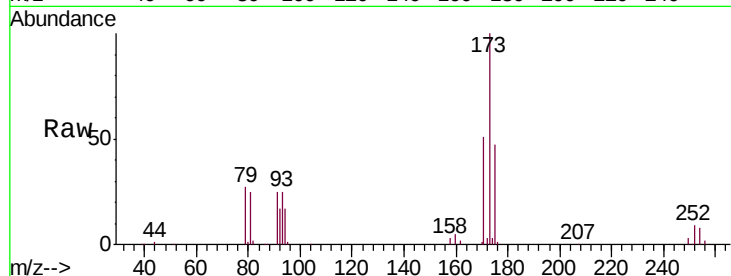




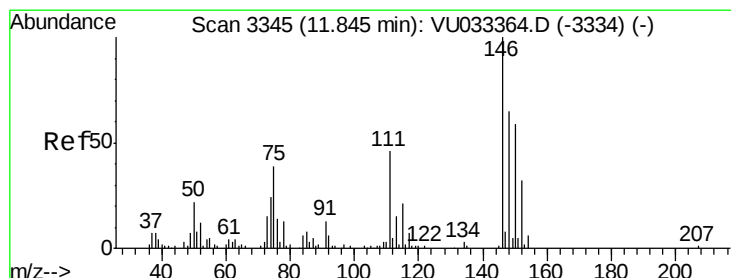
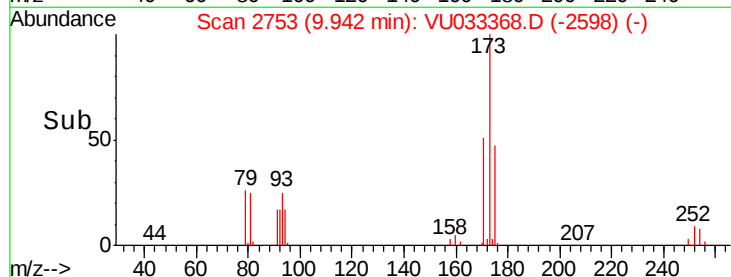
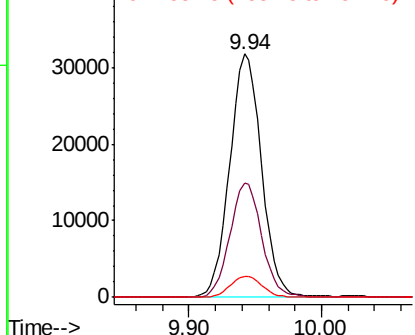
#67
Bromoform
Concen: 10.508 ug/l
RT: 9.94 min Scan# 2753
Delta R.T. -0.00 min
Lab File: VU033368.D
Acq: 23 Jul 2019 08:54

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion:173 Resp: 53033
Ion Ratio Lower Upper
173 100
175 46.9 38.6 58.0
254 8.6 6.8 10.2

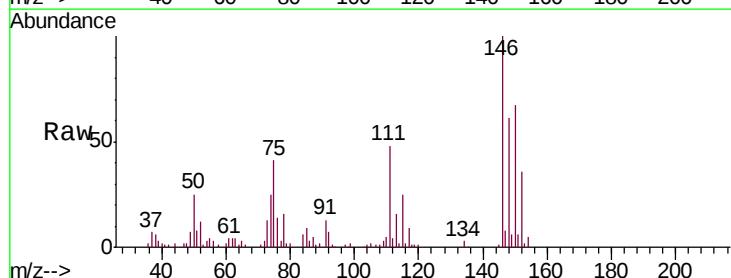


Abundance Ion 172.90 (172.60 to 173.60): V
Ion 174.90 (174.60 to 175.60): V
Ion 253.75 (253.45 to 254.45): V

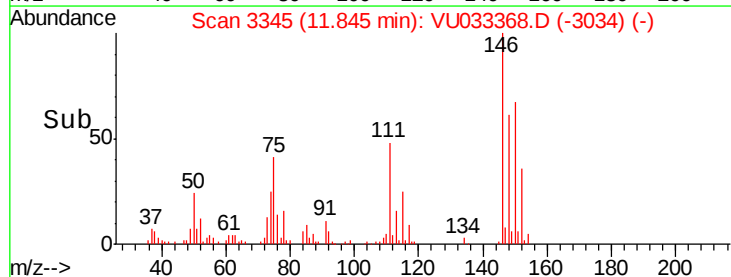
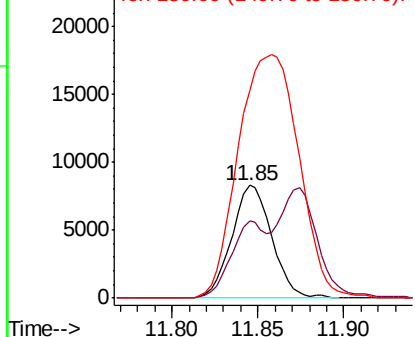


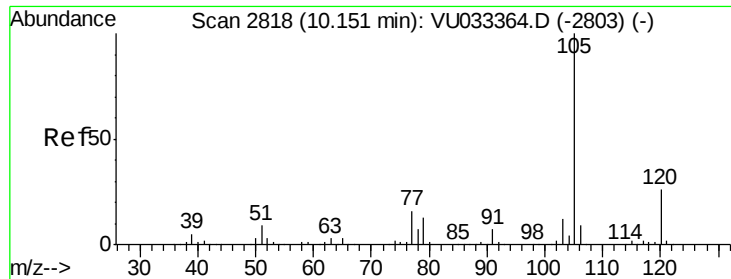
#68
1,2-Dichlorobenzene-d4
Concen: 1.012 ug/l
RT: 11.85 min Scan# 3345
Delta R.T. -0.00 min
Lab File: VU033368.D
Acq: 23 Jul 2019 08:54

Tgt Ion:152 Resp: 13425
Ion Ratio Lower Upper
152 100
115 57.5 0.0 123.2
150 326.9 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: 11.843 ug/l

RT: 10.15 min Scan# 2818

Delta R.T. -0.00 min

Lab File: VU033368.D

Acq: 23 Jul 2019 08:54

Instrument :

MSVOA_U

ClientSampleId :

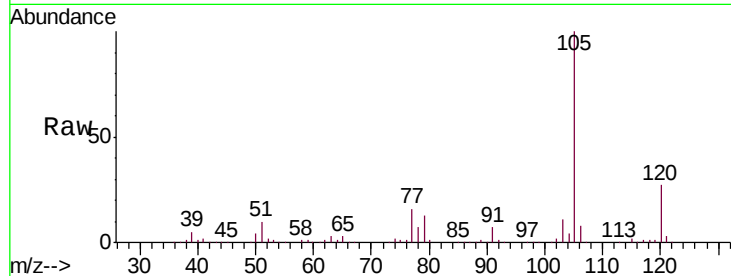
VSTDCCC010

Tgt Ion:105 Resp: 479799

Ion Ratio Lower Upper

105 100

120 27.1 13.4 40.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

300000

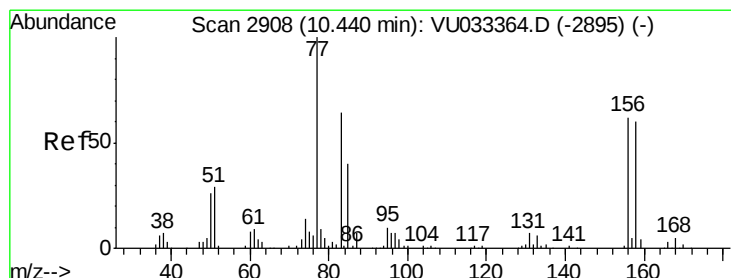
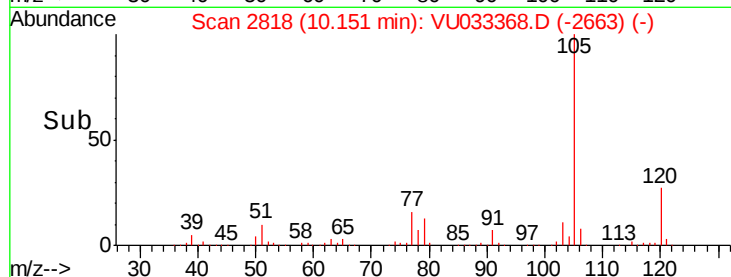
200000

100000

0

10.10 10.20 10.30

Time-->



#70

1,1,2,2-Tetrachloroethane

Concen: 9.505 ug/l

RT: 10.44 min Scan# 2909

Delta R.T. 0.00 min

Lab File: VU033368.D

Acq: 23 Jul 2019 08:54

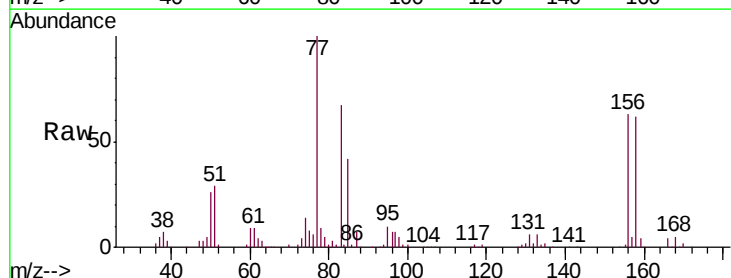
Tgt Ion: 83 Resp: 100563

Ion Ratio Lower Upper

83 100

131 9.6 8.0 12.0

85 64.8 51.8 77.8



Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VU0

80000

60000

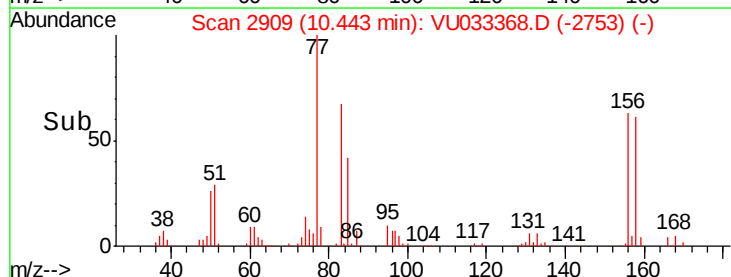
40000

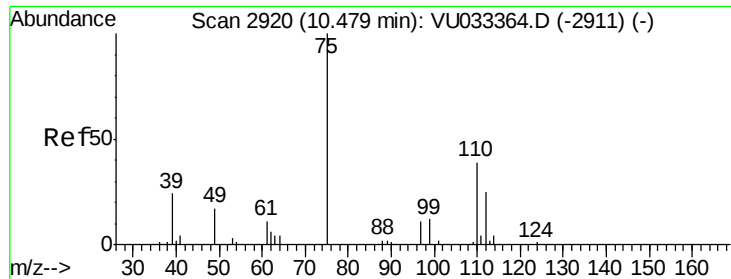
20000

0

10.40 10.50

Time-->





#71

1,2,3-Trichloropropane

Concen: 7.036 ug/l

RT: 10.48 min Scan# 2920

Delta R.T. -0.00 min

Lab File: VU033368.D

Acq: 23 Jul 2019 08:54

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 75 Resp: 57468

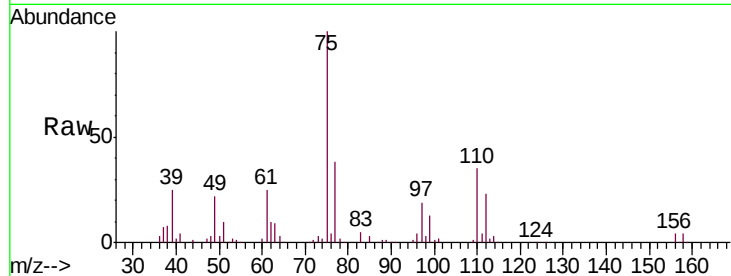
Ion Ratio Lower Upper

75 100

77 0.0 0.0 18.2

110 45.2 0.0 71.4

97 23.9 0.0 37.8

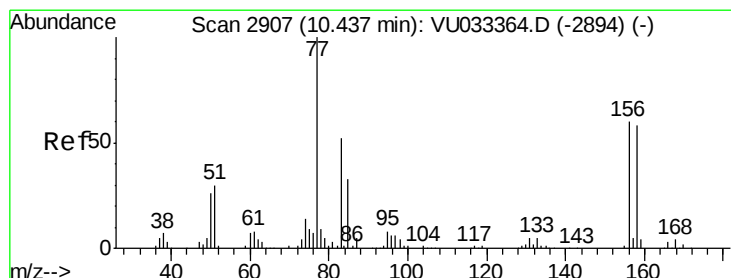
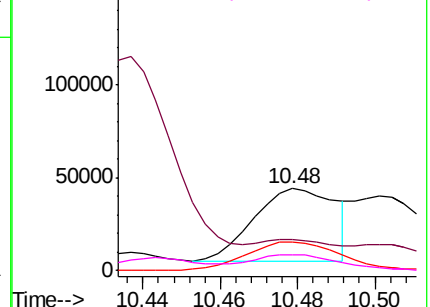
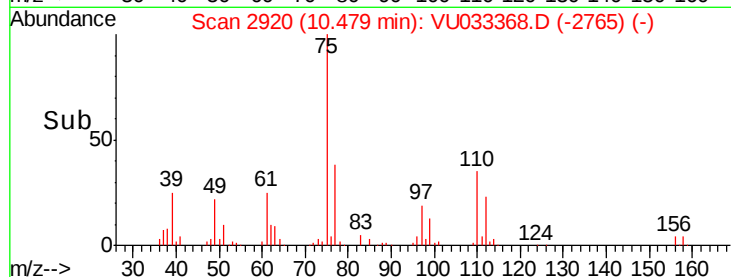


Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

Ion 110.00 (109.70 to 110.70): V

Ion 97.00 (96.70 to 97.70): VU0



#72

Bromobenzene

Concen: 10.909 ug/l

RT: 10.44 min Scan# 2907

Delta R.T. -0.00 min

Lab File: VU033368.D

Acq: 23 Jul 2019 08:54

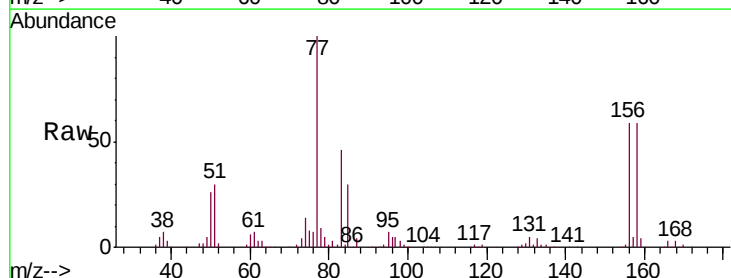
Tgt Ion: 156 Resp: 116751

Ion Ratio Lower Upper

156 100

77 162.2 0.0 324.4

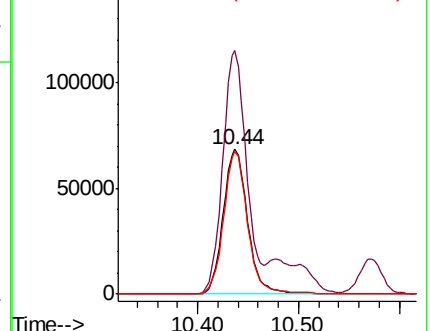
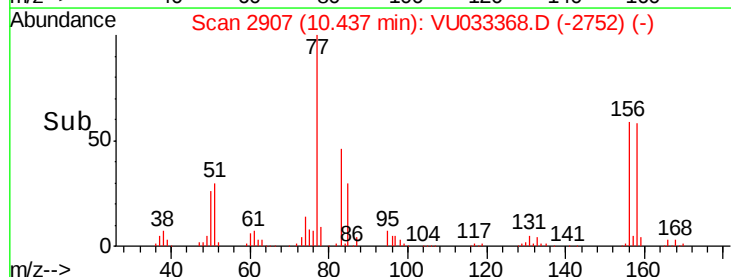
158 96.1 0.0 192.4

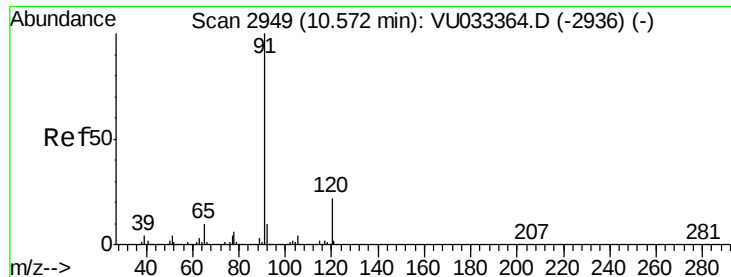


Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VU0

Ion 158.00 (157.70 to 158.70): V





#73

n-propylbenzene

Concen: 12.234 ug/l

RT: 10.57 min Scan# 2949

Delta R.T. -0.00 min

Lab File: VU033368.D

Acq: 23 Jul 2019 08:54

Instrument :

MSVOA_U

ClientSampleId :

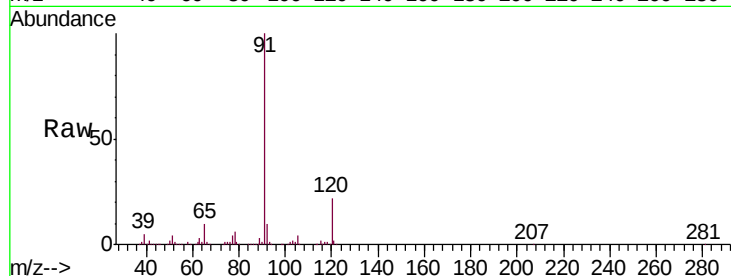
VSTDCCC010

Tgt Ion:120 Resp: 141284

Ion Ratio Lower Upper

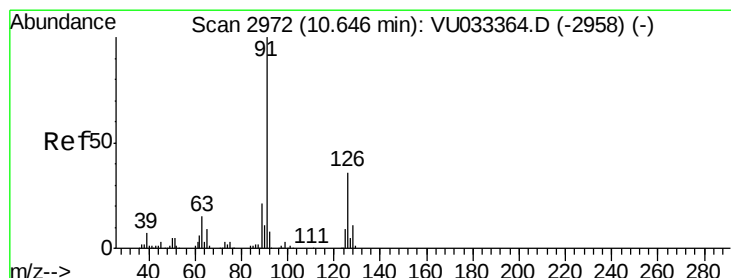
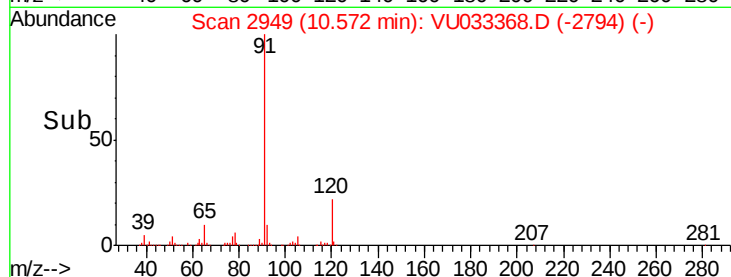
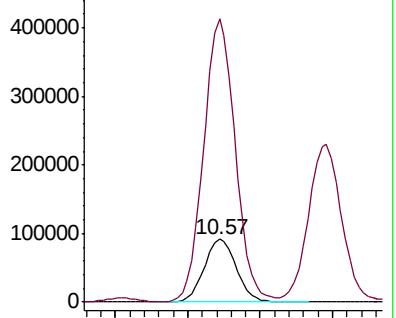
120 100

91 441.3 355.1 532.7



Abundance Ion 120.00 (119.70 to 120.70): V

Ion 91.00 (90.70 to 91.70): VU0



#74

2-Chlorotoluene

Concen: 11.619 ug/l

RT: 10.65 min Scan# 2972

Delta R.T. -0.00 min

Lab File: VU033368.D

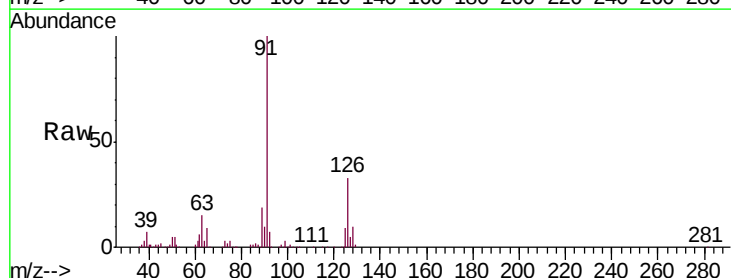
Acq: 23 Jul 2019 08:54

Tgt Ion:126 Resp: 122496

Ion Ratio Lower Upper

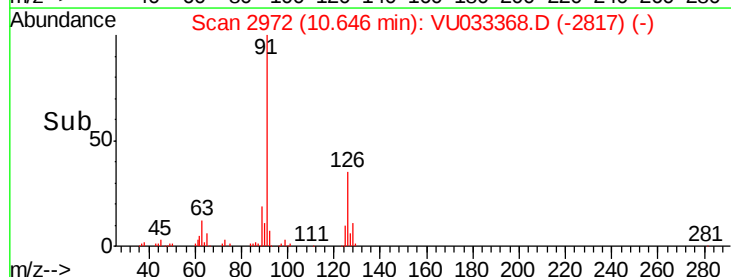
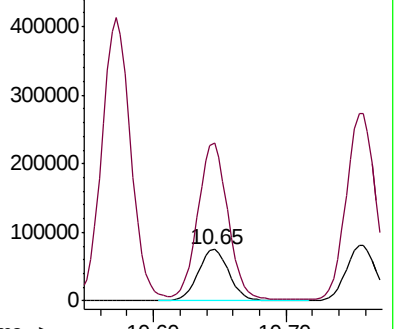
126 100

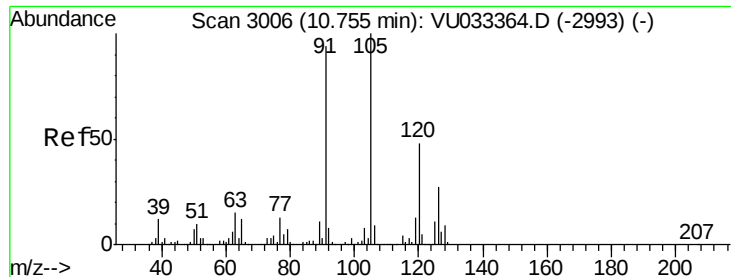
91 301.4 0.0 598.0



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0





#75

1,3,5-Trimethylbenzene

Concen: 12.089 ug/l

RT: 10.76 min Scan# 3007

Delta R.T. 0.00 min

Lab File: VU033368.D

Acq: 23 Jul 2019 08:54

Instrument :

MSVOA_U

ClientSampleId :

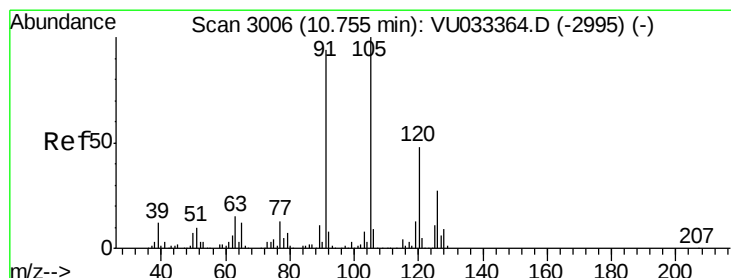
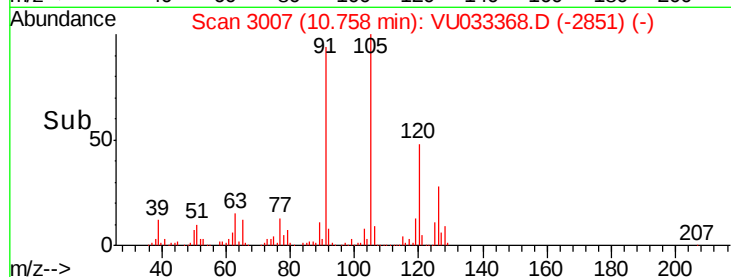
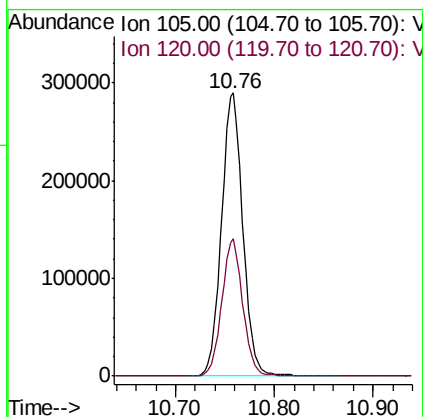
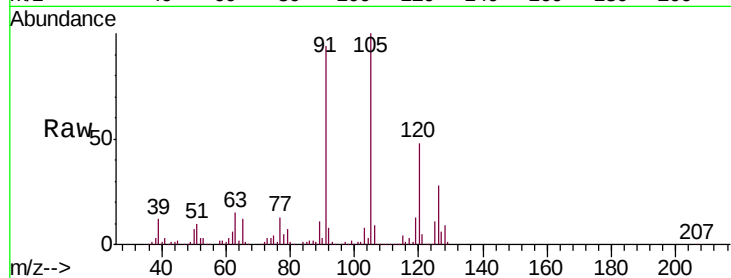
VSTDCCC010

Tgt Ion:105 Resp: 439718

Ion Ratio Lower Upper

105 100

120 47.8 38.2 57.4



#76

4-Chlorotoluene

Concen: 11.821 ug/l

RT: 10.76 min Scan# 3006

Delta R.T. -0.00 min

Lab File: VU033368.D

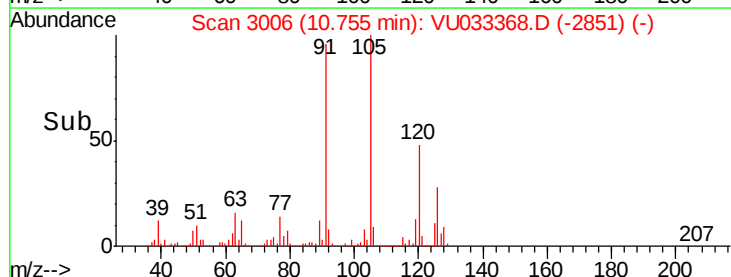
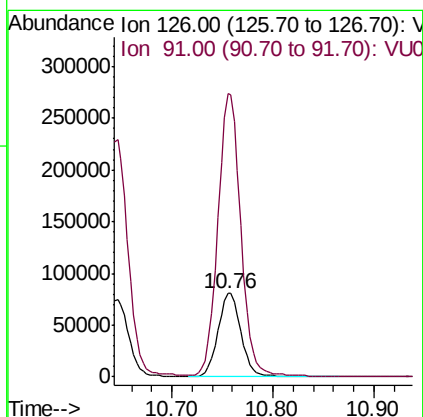
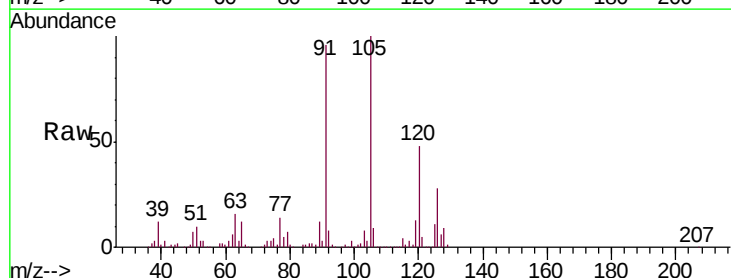
Acq: 23 Jul 2019 08:54

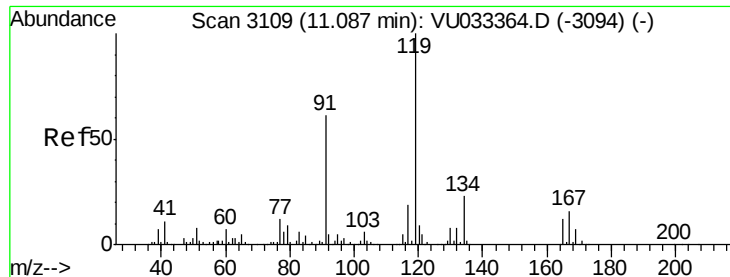
Tgt Ion:126 Resp: 129851

Ion Ratio Lower Upper

126 100

91 334.6 0.0 681.0

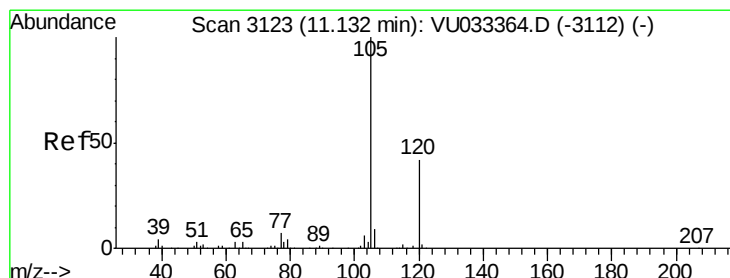
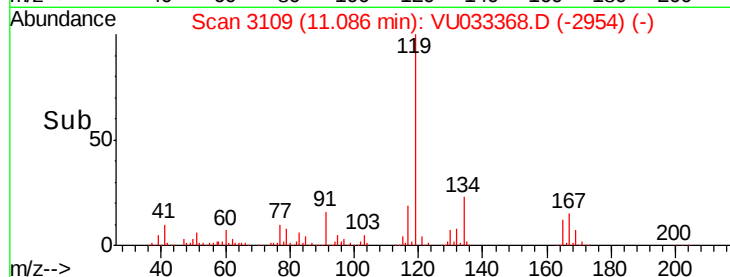
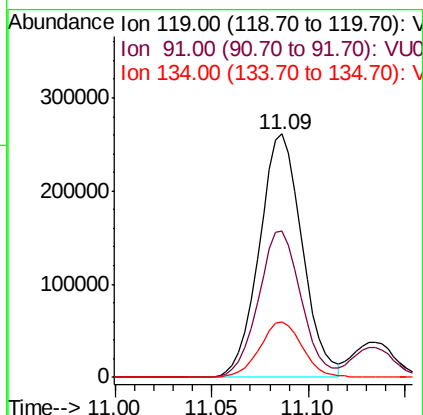
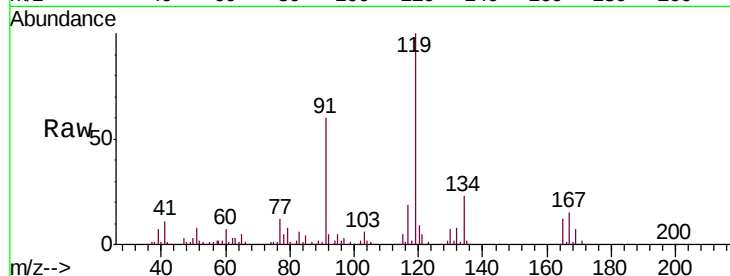




#77
 tert-Butylbenzene
 Concen: 11.671 ug/l
 RT: 11.09 min Scan# 3109
 Delta R.T. -0.00 min
 Lab File: VU033368.D
 Acq: 23 Jul 2019 08:54

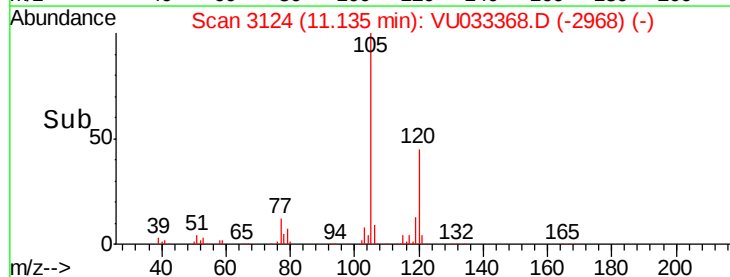
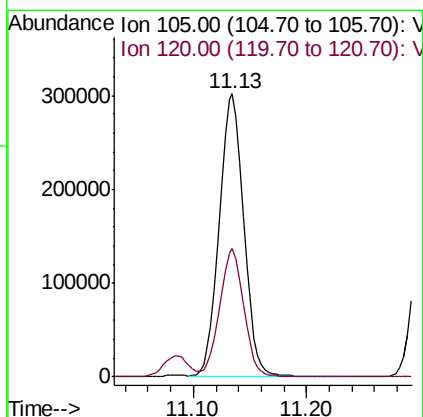
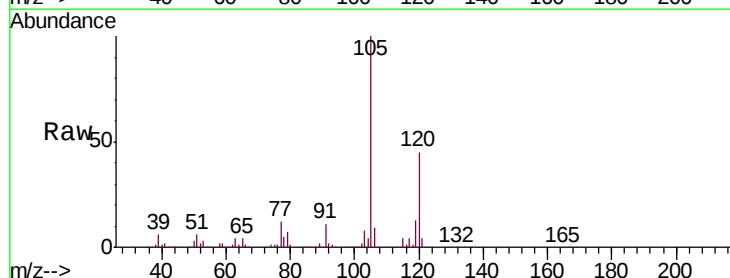
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

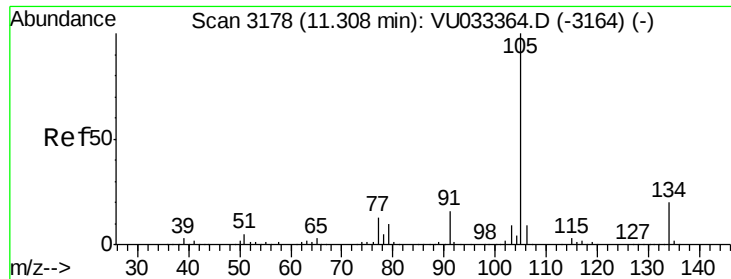
Tgt Ion:119 Resp: 402318
 Ion Ratio Lower Upper
 119 100
 91 60.0 30.4 91.3
 134 22.8 18.5 27.7



#78
 1,2,4-Trimethylbenzene
 Concen: 12.275 ug/l
 RT: 11.13 min Scan# 3124
 Delta R.T. 0.00 min
 Lab File: VU033368.D
 Acq: 23 Jul 2019 08:54

Tgt Ion:105 Resp: 456379
 Ion Ratio Lower Upper
 105 100
 120 44.9 22.5 67.5

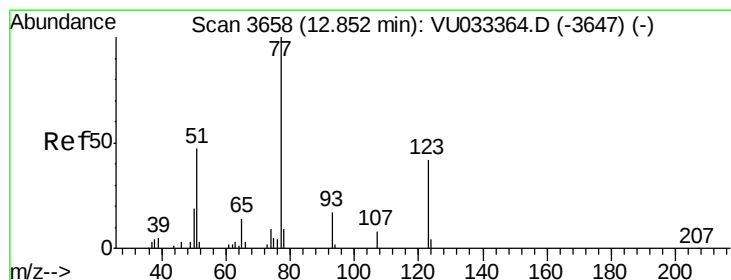
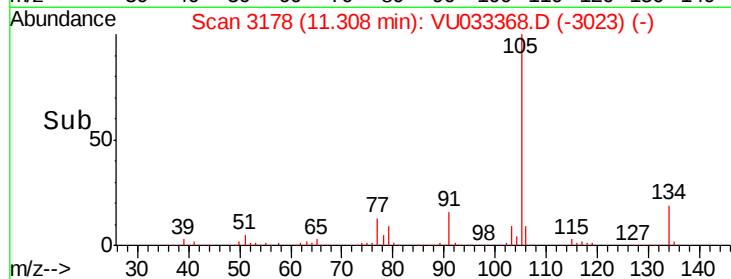
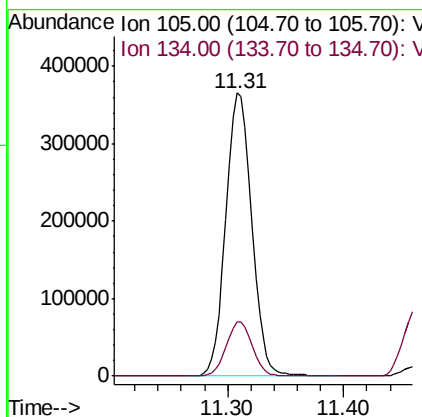
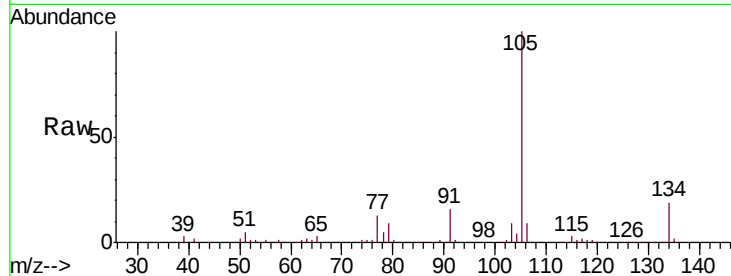




#79
 sec-Butylbenzene
 Concen: 11.876 ug/l
 RT: 11.31 min Scan# 3178
 Delta R.T. -0.00 min
 Lab File: VU033368.D
 Acq: 23 Jul 2019 08:54

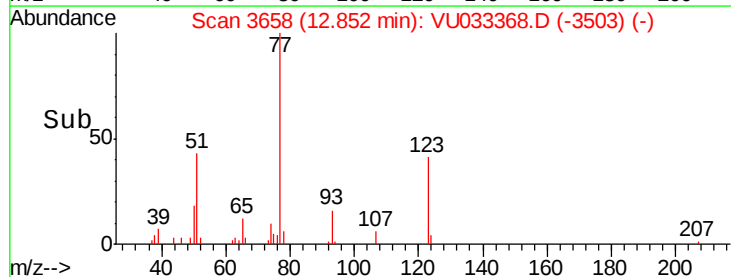
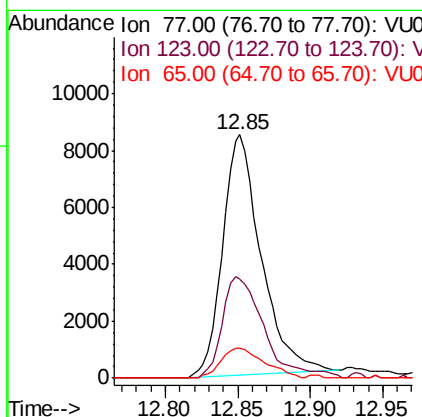
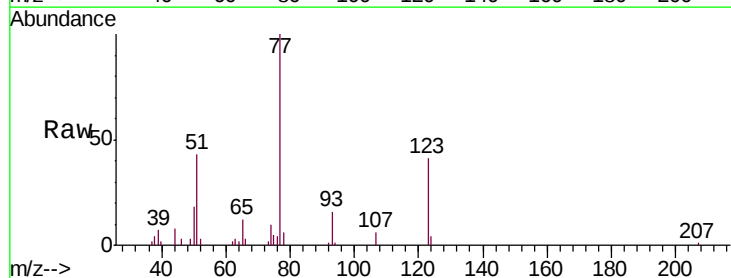
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

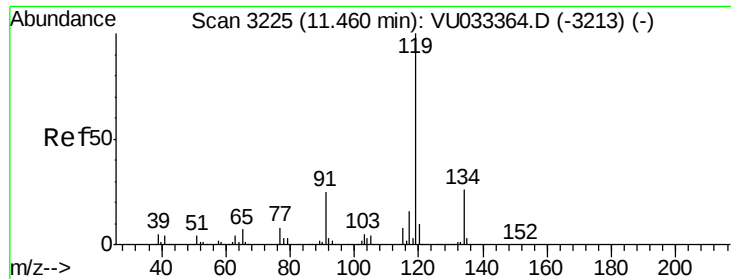
Tgt Ion: 105 Resp: 563481
 Ion Ratio Lower Upper
 105 100
 134 19.3 15.5 23.3



#80
 Nitrobenzene
 Concen: 35.628 ug/l
 RT: 12.85 min Scan# 3658
 Delta R.T. -0.00 min
 Lab File: VU033368.D
 Acq: 23 Jul 2019 08:54

Tgt Ion: 77 Resp: 15668
 Ion Ratio Lower Upper
 77 100
 123 40.7 19.3 68.3
 65 14.0 10.1 12.9#

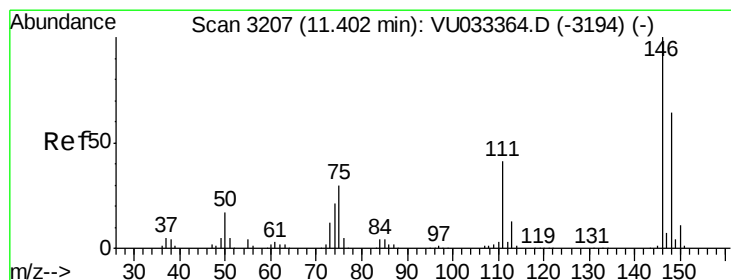
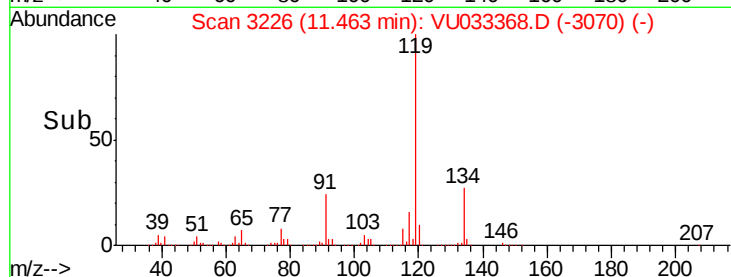
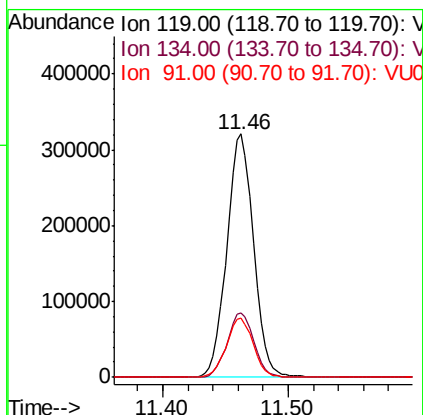
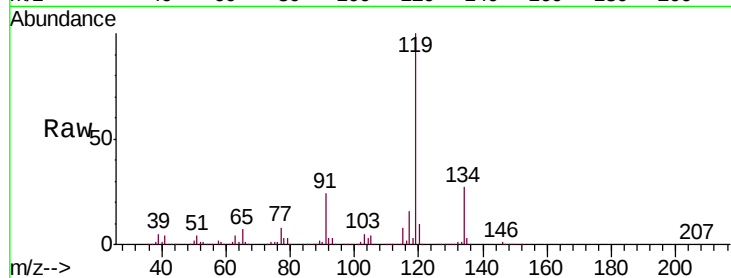




#81
p-Isopropyltoluene
Concen: 12.273 ug/l
RT: 11.46 min Scan# 3226
Delta R.T. 0.00 min
Lab File: VU033368.D
Acq: 23 Jul 2019 08:54

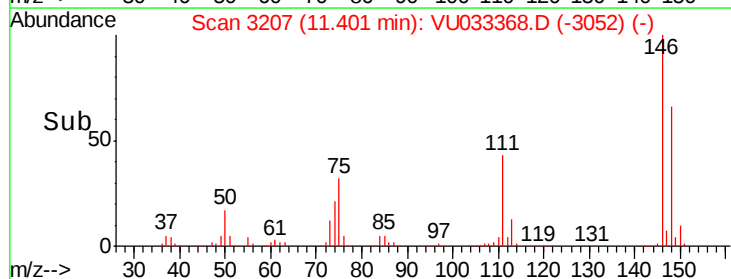
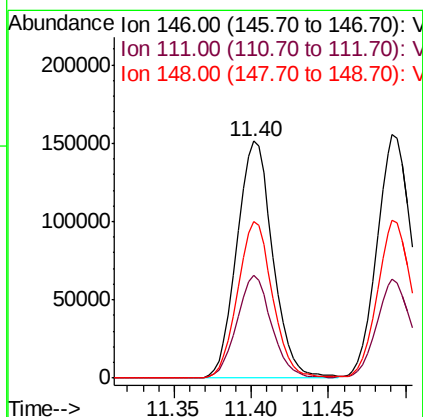
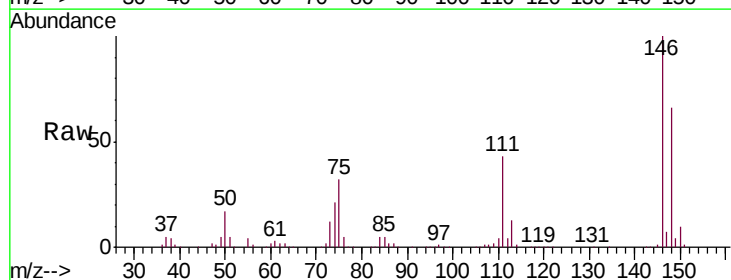
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

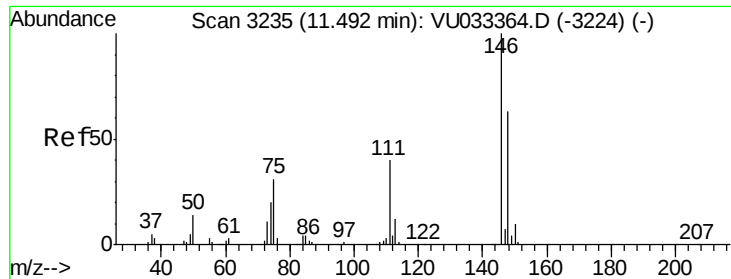
Tgt Ion:119 Resp: 473453
Ion Ratio Lower Upper
119 100
134 26.6 21.0 31.4
91 24.7 19.8 29.6



#82
1,3-Dichlorobenzene
Concen: 10.742 ug/l
RT: 11.40 min Scan# 3207
Delta R.T. -0.00 min
Lab File: VU033368.D
Acq: 23 Jul 2019 08:54

Tgt Ion:146 Resp: 244355
Ion Ratio Lower Upper
146 100
111 41.8 33.3 49.9
148 64.6 50.8 76.2

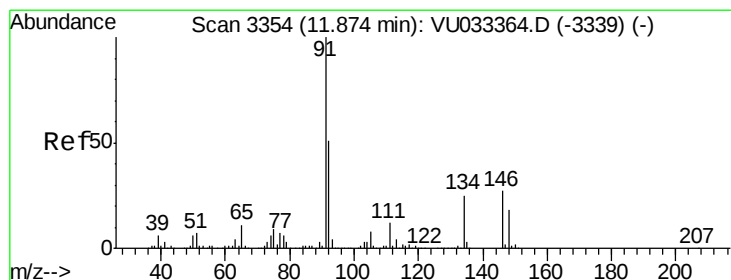
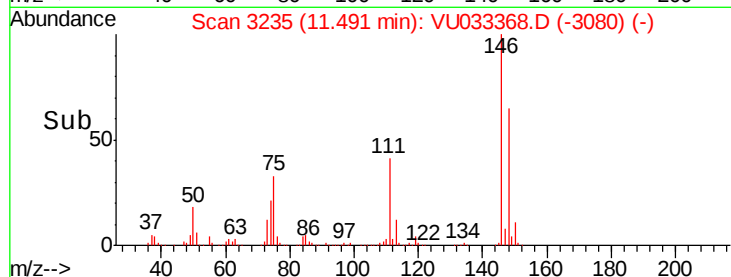
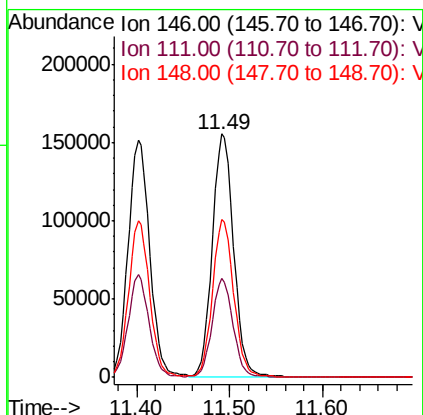
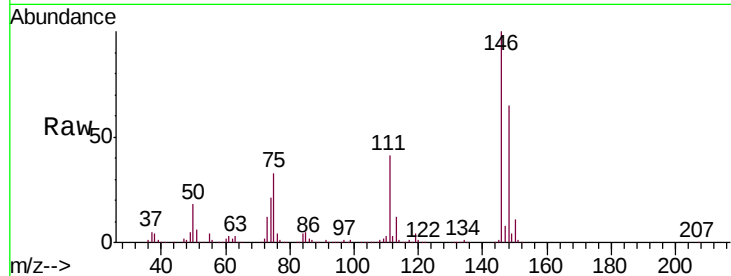




#83
 1,4-Dichlorobenzene
 Concen: 11.107 ug/l
 RT: 11.49 min Scan# 3235
 Delta R.T. -0.00 min
 Lab File: VU033368.D
 Acq: 23 Jul 2019 08:54

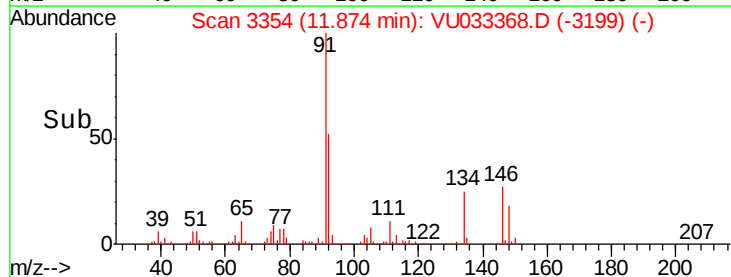
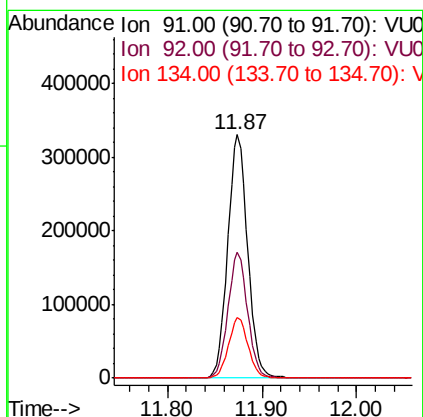
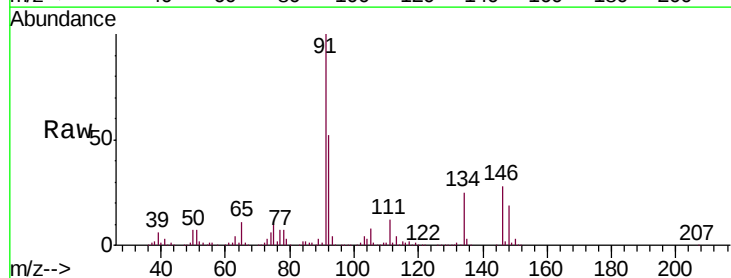
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

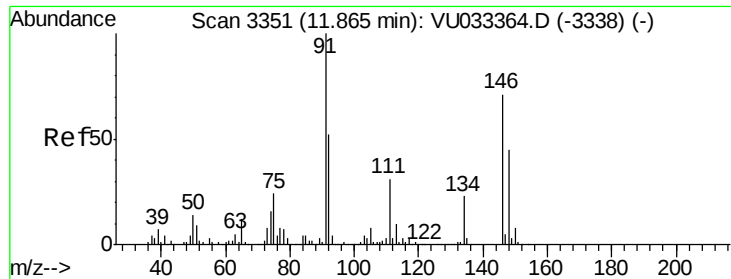
Tgt Ion: 146 Resp: 249954
 Ion Ratio Lower Upper
 146 100
 111 39.6 32.2 48.4
 148 63.8 51.0 76.4



#84
 n-Butylbenzene
 Concen: 12.269 ug/l
 RT: 11.87 min Scan# 3354
 Delta R.T. -0.00 min
 Lab File: VU033368.D
 Acq: 23 Jul 2019 08:54

Tgt Ion: 91 Resp: 484317
 Ion Ratio Lower Upper
 91 100
 92 51.0 41.0 61.6
 134 24.5 19.5 29.3

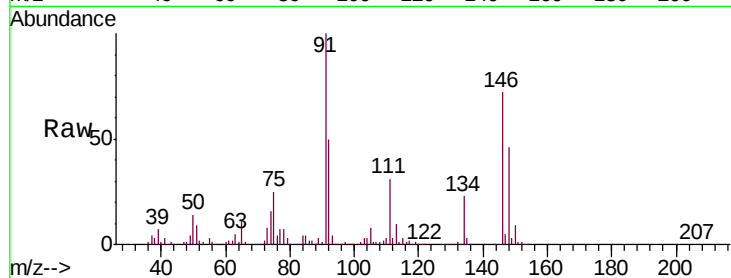




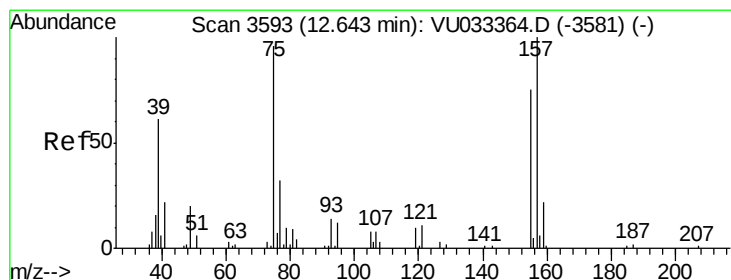
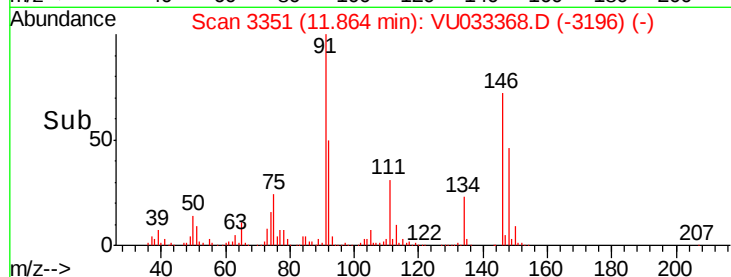
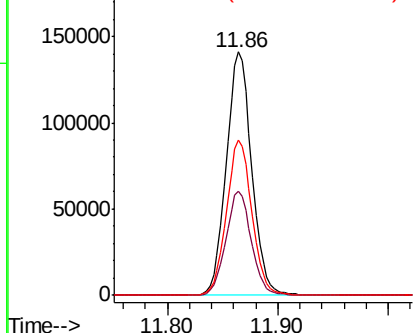
#85
 1,2-Dichlorobenzene
 Concen: 10.572 ug/l
 RT: 11.86 min Scan# 3351
 Delta R.T. -0.00 min
 Lab File: VU033368.D
 Acq: 23 Jul 2019 08:54

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 146 Resp: 225483
 Ion Ratio Lower Upper
 146 100
 111 42.8 21.7 65.1
 148 64.0 32.0 96.0

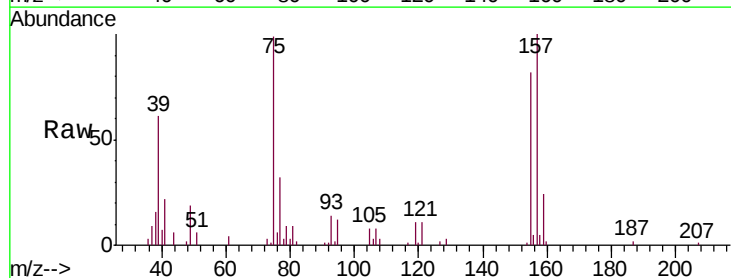


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

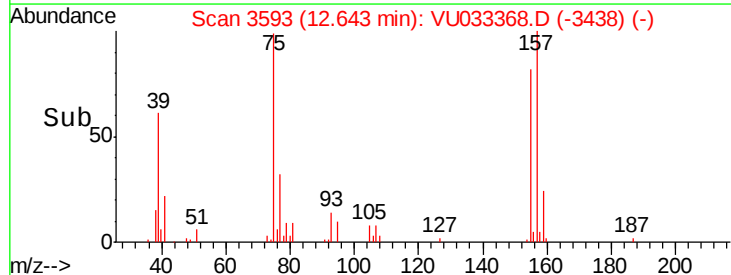
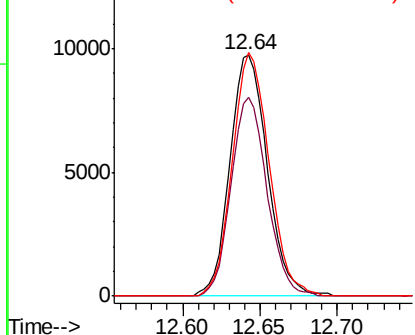


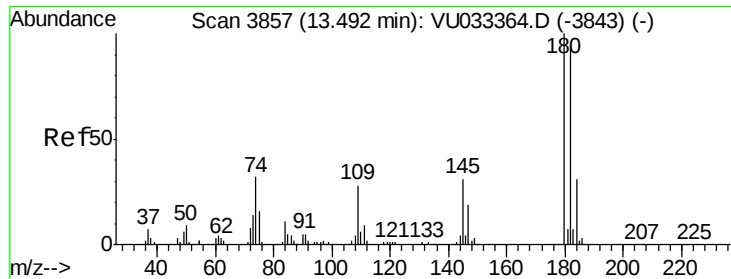
#86
 1,2-Dibromo-3-Chloropropane
 Concen: 9.823 ug/l
 RT: 12.64 min Scan# 3593
 Delta R.T. -0.00 min
 Lab File: VU033368.D
 Acq: 23 Jul 2019 08:54

Tgt Ion: 75 Resp: 16348
 Ion Ratio Lower Upper
 75 100
 155 79.1 63.3 94.9
 157 99.1 82.5 123.7



Abundance Ion 75.00 (74.70 to 75.70): VU0
 Ion 155.00 (154.70 to 155.70): V
 Ion 157.00 (156.70 to 157.70): V

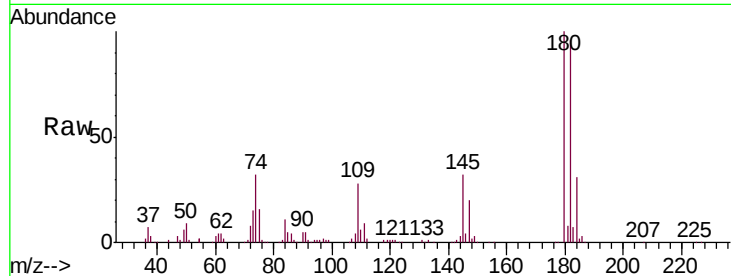




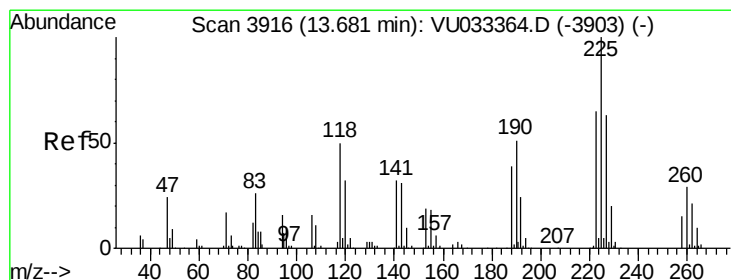
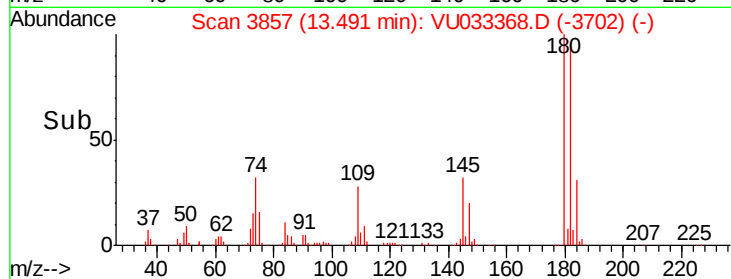
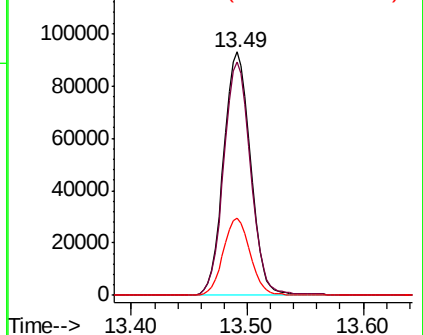
#87
 1,2,4-Trichlorobenzene
 Concen: 11.799 ug/l
 RT: 13.49 min Scan# 3857
 Delta R.T. -0.00 min
 Lab File: VU033368.D
 Acq: 23 Jul 2019 08:54

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Tgt Ion:180 Resp: 149725
 Ion Ratio Lower Upper
 180 100
 182 95.8 76.2 114.4
 145 31.6 25.0 37.4

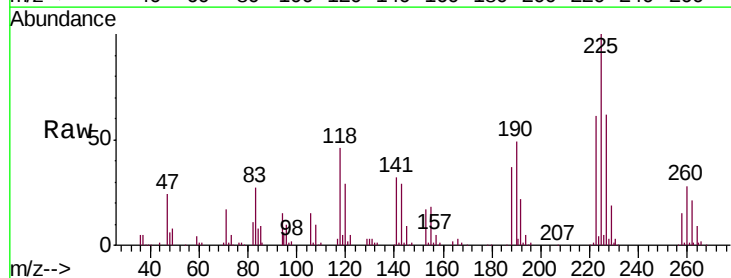


Abundance Ion 179.70 (179.40 to 180.40): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

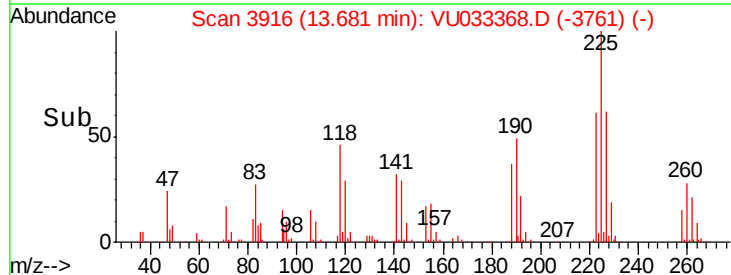
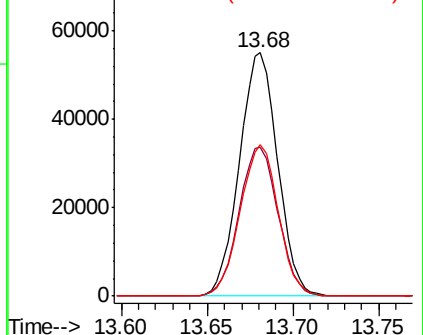


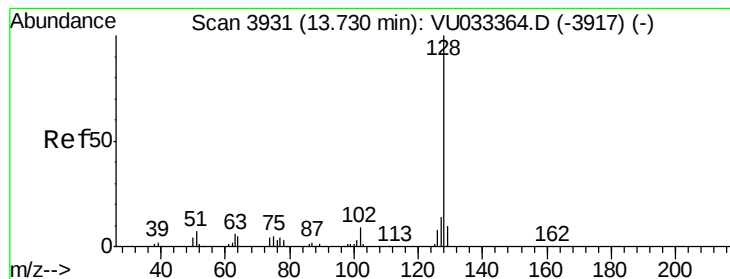
#88
 Hexachlorobutadiene
 Concen: 10.894 ug/l
 RT: 13.68 min Scan# 3916
 Delta R.T. -0.00 min
 Lab File: VU033368.D
 Acq: 23 Jul 2019 08:54

Tgt Ion:225 Resp: 85267
 Ion Ratio Lower Upper
 225 100
 223 62.7 52.2 78.4
 227 62.1 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: 9.184 ug/l

RT: 13.73 min Scan# 3931

Delta R.T. 0.00 min

Lab File: VU033368.D

Acq: 23 Jul 2019 08:54

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

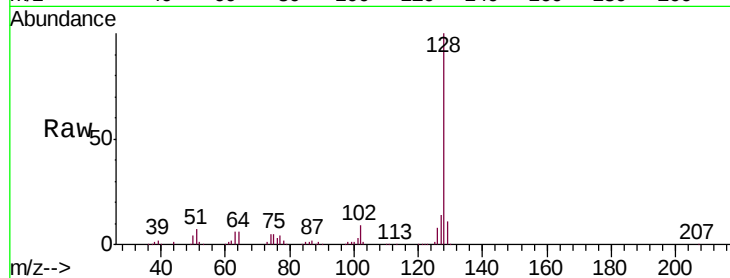
Tgt Ion:128 Resp: 262968

Ion Ratio Lower Upper

128 100

127 13.6 10.8 16.2

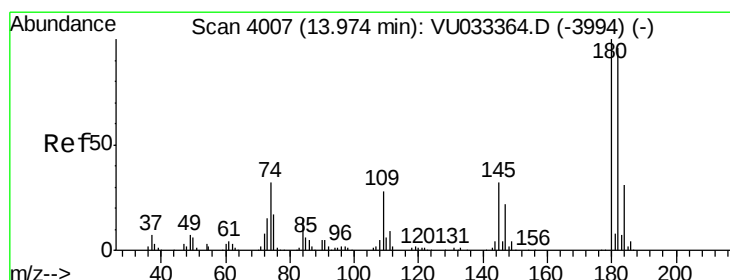
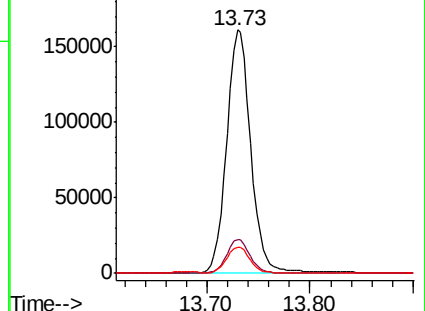
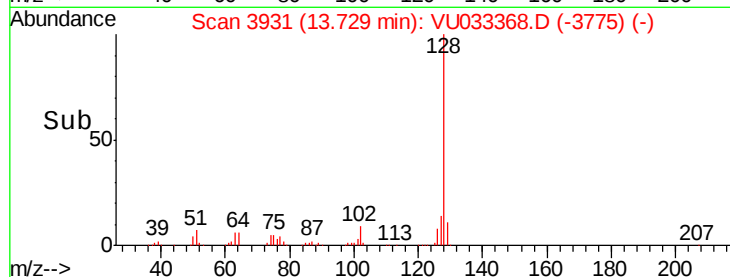
129 10.5 8.5 12.7



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: 11.350 ug/l

RT: 13.97 min Scan# 4007

Delta R.T. -0.00 min

Lab File: VU033368.D

Acq: 23 Jul 2019 08:54

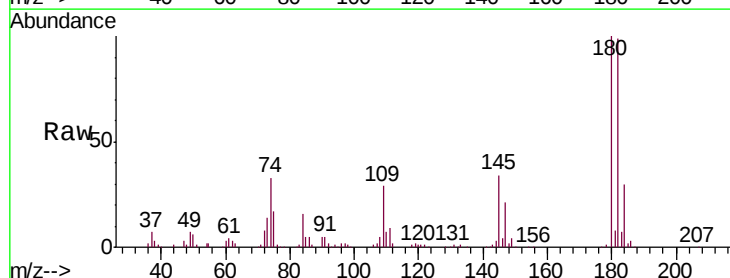
Tgt Ion:180 Resp: 139790

Ion Ratio Lower Upper

180 100

182 95.7 77.9 116.9

145 32.8 25.8 38.8



Abundance Ion 179.70 (179.40 to 180.40): V

Ion 181.70 (181.40 to 182.40): V

Ion 144.80 (144.50 to 145.50): V

