

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX112719\
 Data File : VX013665.D
 Acq On : 27 Nov 2019 20:31
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 28 04:17:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	644222	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1001938	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	905806	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	453633	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	364255	48.71	ug/l	0.00
Spiked Amount			Recovery	=	97.42%	
35) Dibromofluoromethane	5.49	113	304188	49.11	ug/l	0.00
Spiked Amount			Recovery	=	98.22%	
50) Toluene-d8	8.71	98	1172486	48.58	ug/l	0.00
Spiked Amount			Recovery	=	97.16%	
62) 4-Bromofluorobenzene	11.14	95	419749	48.23	ug/l	0.00
Spiked Amount			Recovery	=	96.46%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	369327	51.506	ug/l	98
3) Chloromethane	1.32	50	400805	49.815	ug/l	97
4) Vinyl Chloride	1.40	62	472631	52.191	ug/l	97
5) Bromomethane	1.63	94	229741	37.776	ug/l	99
6) Chloroethane	1.71	64	258184	50.102	ug/l	97
7) Trichlorofluoromethane	1.92	101	496509	49.376	ug/l	98
8) Diethyl Ether	2.18	74	230785	50.730	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	302908	49.317	ug/l	99
10) Methyl Iodide	2.50	142	297991	40.107	ug/l	100
11) Tert butyl alcohol	3.03	59	435948	236.183	ug/l	98
12) 1,1-Dichloroethene	2.36	96	308929	50.389	ug/l	100
13) Acrolein	2.28	56	265307	215.767	ug/l	99
14) Allyl chloride	2.72	41	556080	49.980	ug/l	100
15) Acrylonitrile	3.13	53	974894	255.873	ug/l	99
16) Acetone	2.44	43	846363	229.245	ug/l	100
17) Carbon Disulfide	2.56	76	820904	46.970	ug/l	100
18) Methyl Acetate	2.76	43	546361	53.144	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	1029594	50.694	ug/l	100
20) Methylene Chloride	2.84	84	349514	49.277	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	331618	49.652	ug/l	99
22) Diisopropyl ether	3.84	45	1097945	51.250	ug/l	96
23) Vinyl Acetate	3.80	43	4611864	258.772	ug/l	99
24) 1,1-Dichloroethane	3.69	63	600416	51.267	ug/l	99
25) 2-Butanone	4.66	43	1389477	253.232	ug/l	98
26) 2,2-Dichloropropane	4.58	77	436446	45.042	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	377461	49.212	ug/l	98
28) Bromochloromethane	5.00	49	248725	53.743	ug/l	100
29) Tetrahydrofuran	5.11	42	900447	266.204	ug/l	99
30) Chloroform	5.20	83	575873	48.485	ug/l	97
31) Cyclohexane	5.57	56	541387	49.011	ug/l	96
32) 1,1,1-Trichloroethane	5.48	97	498988	50.274	ug/l	99
36) 1,1-Dichloropropene	5.79	75	437757	48.131	ug/l	98
37) Ethyl Acetate	4.82	43	528403	51.788	ug/l	99
38) Carbon Tetrachloride	5.78	117	418630	49.917	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	538828	47.928	ug/l	98
40) Benzene	6.14	78	1361184	49.139	ug/l	99
41) Methacrylonitrile	5.03	41	292281	52.233	ug/l	99
42) 1,2-Dichloroethane	6.19	62	471424	49.902	ug/l	99
43) Isopropyl Acetate	6.43	43	842250	50.140	ug/l	100
44) Trichloroethene	7.21	130	365188	48.036	ug/l	93
45) 1,2-Dichloropropane	7.51	63	354199	51.106	ug/l	98
46) Dibromomethane	7.65	93	230118	48.887	ug/l	100
47) Bromodichloromethane	7.89	83	446184	50.141	ug/l	100
48) Methyl methacrylate	7.76	41	424964	52.068	ug/l	98
49) 1,4-Dioxane	7.73	88	183982	1007.073	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	2742736	259.575	ug/l	100
52) Toluene	8.78	92	849919	49.389	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	497386	49.106	ug/l	96
54) cis-1,3-Dichloropropene	8.43	75	555619	50.210	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	351005	50.615	ug/l	99
56) Ethyl methacrylate	9.17	69	573766	51.462	ug/l	99
57) 1,3-Dichloropropane	9.37	76	588117	49.201	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	1115801	255.251	ug/l	100
59) 2-Hexanone	9.48	43	2099907	254.816	ug/l	99
60) Dibromochloromethane	9.58	129	363143	50.458	ug/l	99
61) 1,2-Dibromoethane	9.67	107	365095	49.293	ug/l	98
64) Tetrachloroethene	9.33	164	320242	47.408	ug/l	97
65) Chlorobenzene	10.14	112	911934	48.491	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	339952	50.339	ug/l	100
67) Ethyl Benzene	10.25	91	1626246	50.322	ug/l	99
68) m/p-Xylenes	10.36	106	1234393	99.768	ug/l	99
69) o-Xylene	10.70	106	600529	49.766	ug/l	100
70) Styrene	10.71	104	1026435	50.567	ug/l	100
71) Bromoform	10.85	173	279254	49.976	ug/l	99
73) Isopropylbenzene	11.01	105	1572029	49.403	ug/l	99
74) N-amyl acetate	10.89	43	750344	51.476	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	559401	50.692	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	625774	61.332	ug/l	88
77) Bromobenzene	11.25	156	414373	48.203	ug/l	98
78) n-propylbenzene	11.35	91	1771102	49.860	ug/l	99
79) 2-Chlorotoluene	11.42	91	1053226	49.428	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	1320579	50.636	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	180775	48.473	ug/l	99
82) 4-Chlorotoluene	11.51	91	1215353	49.245	ug/l	99
83) tert-Butylbenzene	11.76	119	1336236	50.415	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	1328589	50.195	ug/l	99
85) sec-Butylbenzene	11.94	105	1524781	50.366	ug/l	99
86) p-Isopropyltoluene	12.06	119	1410659	50.087	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	716165	47.792	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	712092	46.654	ug/l	99
89) n-Butylbenzene	12.39	91	1201867	50.034	ug/l	100
90) Hexachloroethane	12.59	117	250832	49.272	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	721511	48.732	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	122511	50.981	ug/l	98

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Quant Title : SW846 8260
QLast Update : Tue Nov 26 15:53:00 2019
Response via : Initial Calibration

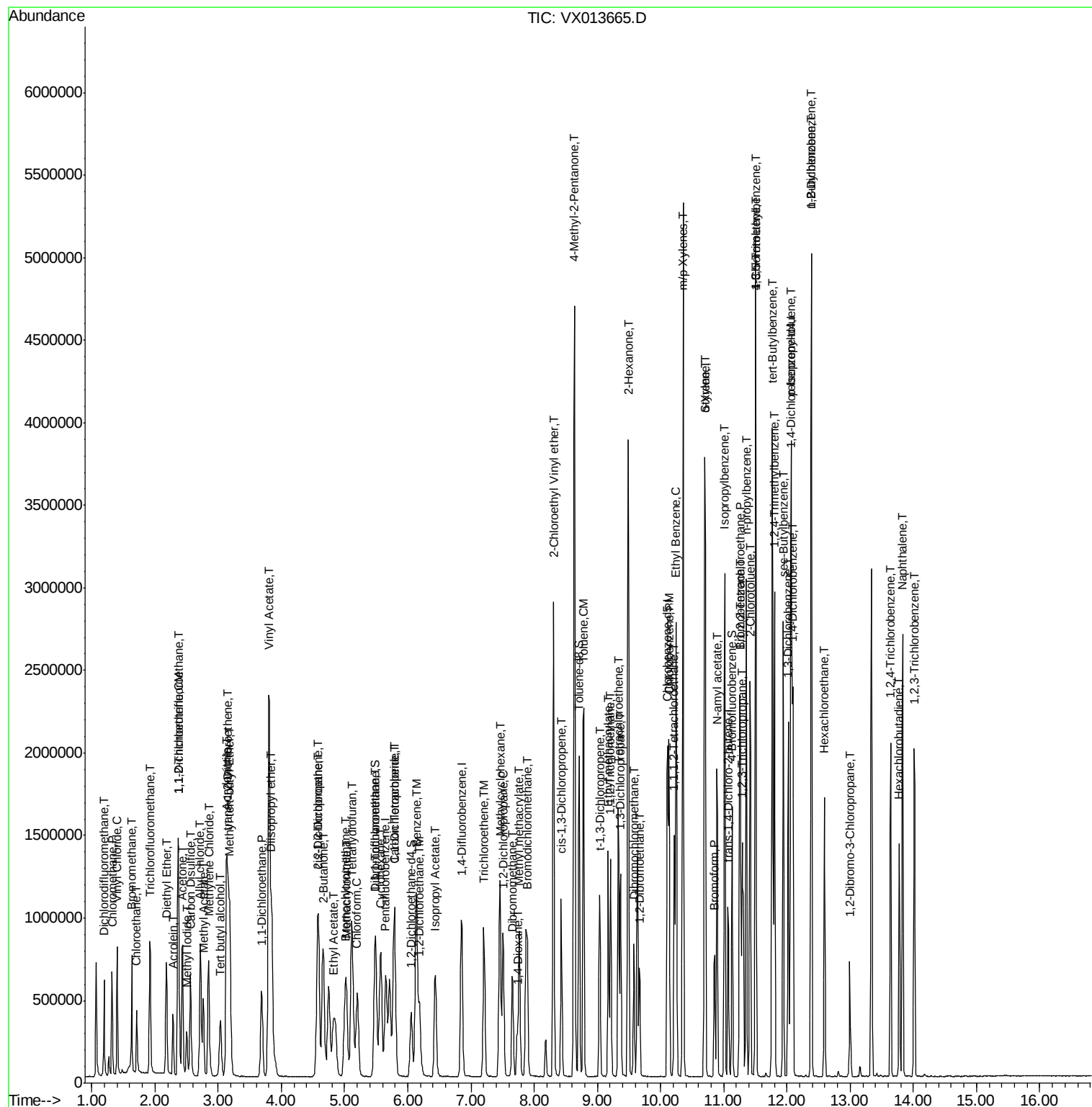
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	487304	47.226	ug/l	98
94) Hexachlorobutadiene	13.78	225	225693	45.532	ug/l	100
95) Naphthalene	13.83	128	1599758	52.060	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	500800	49.018	ug/l	98

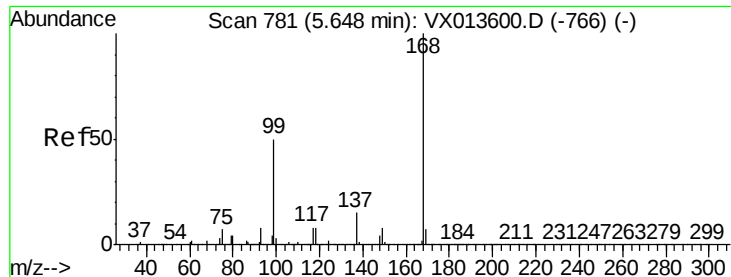
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX112719\
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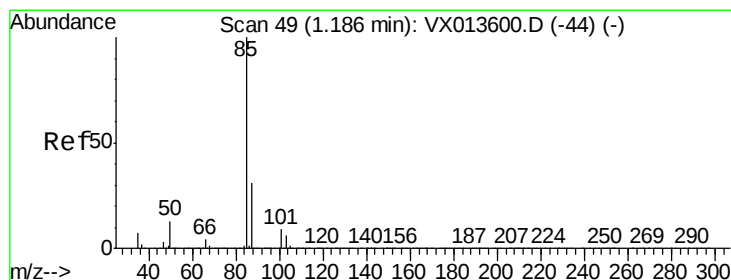
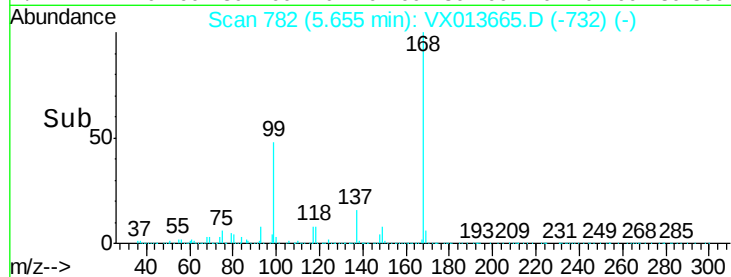
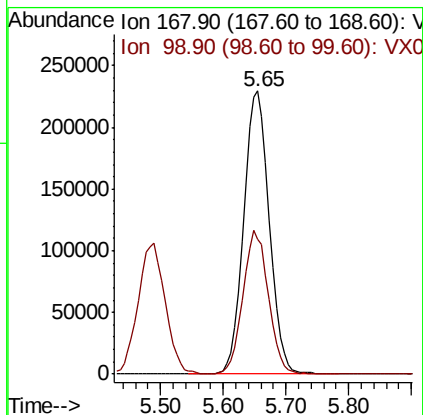
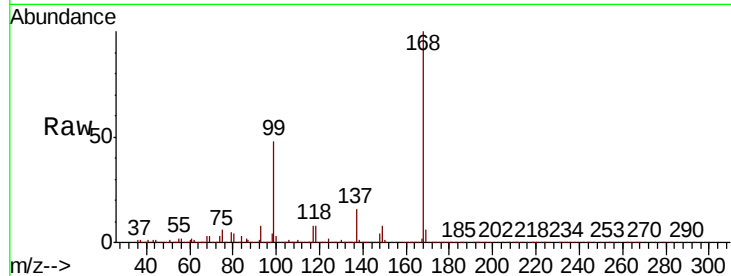


#1

Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.65 min Scan# 782
 Delta R.T. 0.01 min
 Lab File: VX013665.D
 Acq: 27 Nov 2019 20:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

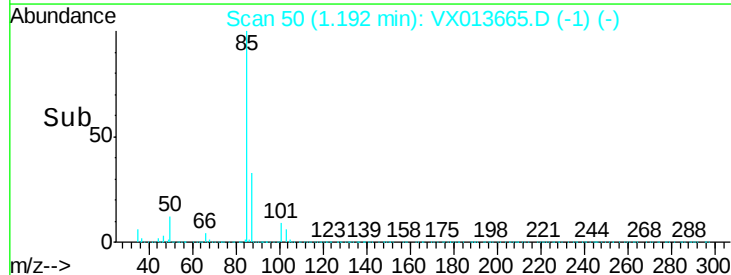
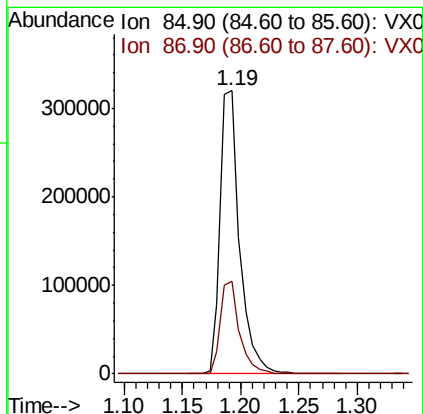
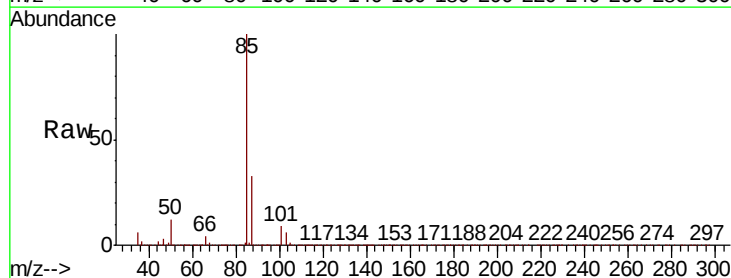
Tot Ion:168 Resp: 644222
 Ion Ratio Lower Upper
 168 100
 99 47.6 39.8 59.8

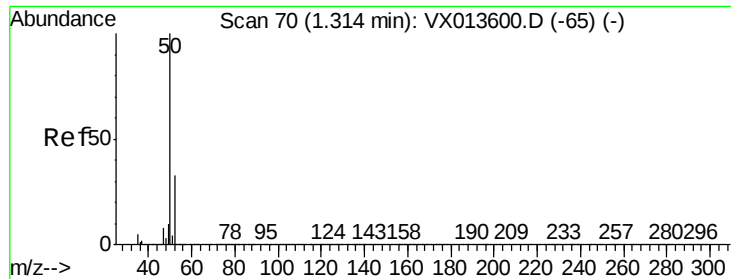


#2

Dichlorodifluoromethane
 Concen: 51.506 ug/l
 RT: 1.19 min Scan# 50
 Delta R.T. 0.01 min
 Lab File: VX013665.D
 Acq: 27 Nov 2019 20:31

Tgt Ion: 85 Resp: 369327
 Ion Ratio Lower Upper
 85 100
 87 32.7 15.7 47.1





#3

Chloromethane

Concen: 49.815 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.01 min

Lab File: VX013665.D

Acq: 27 Nov 2019 20:31

Instrument :

MSVOA_X

ClientSampleId :

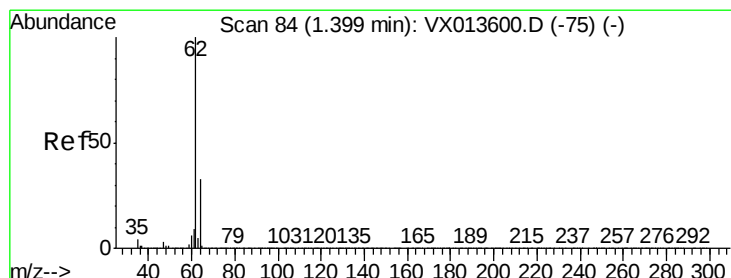
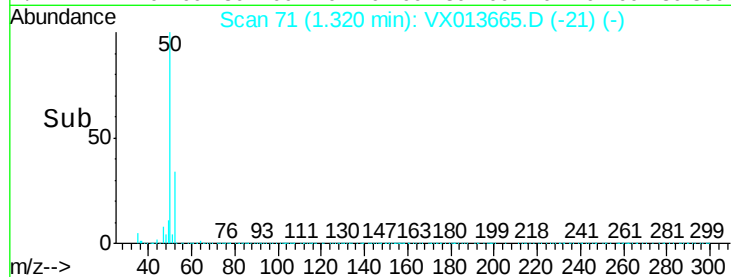
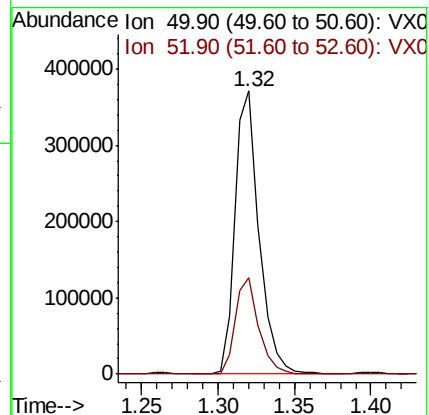
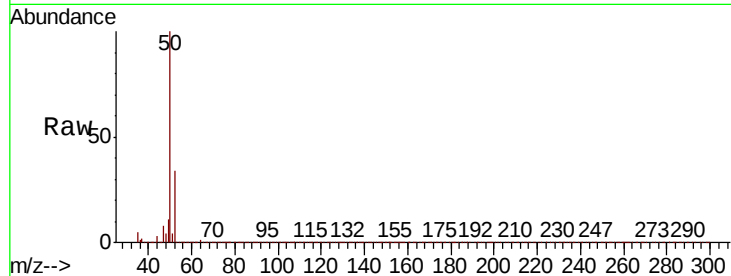
VSTDCCC050EC

Tot Ion: 50 Resp: 400805

Ion Ratio Lower Upper

50 100

52 33.9 26.0 39.0



#4

Vinyl Chloride

Concen: 52.191 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX013665.D

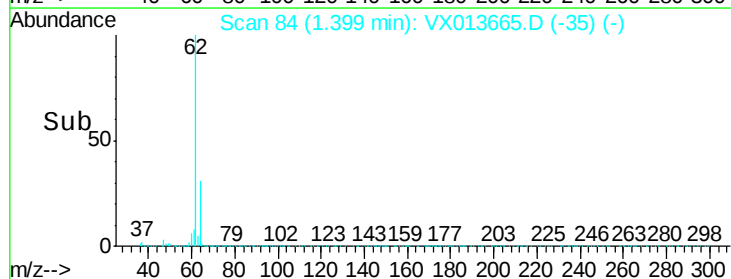
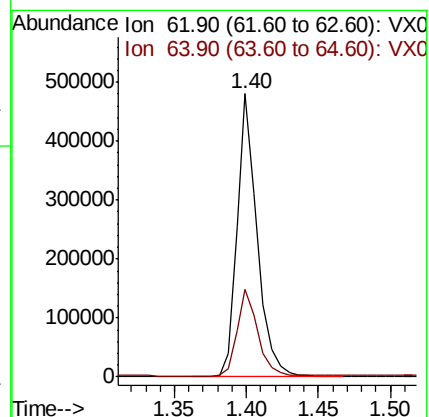
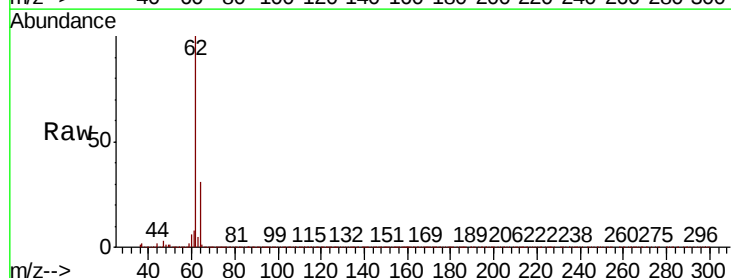
Acq: 27 Nov 2019 20:31

Tgt Ion: 62 Resp: 472631

Ion Ratio Lower Upper

62 100

64 30.6 26.0 39.0





#5

Bromomethane

Concen: 37.776 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX013665.D

Acq: 27 Nov 2019 20:31

Instrument :

MSVOA_X

ClientSampleId :

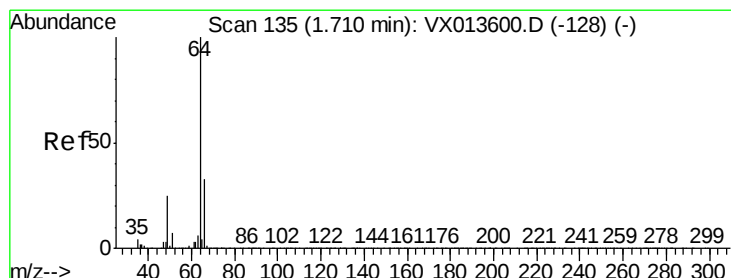
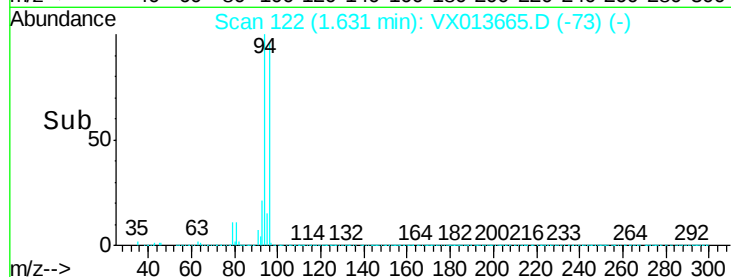
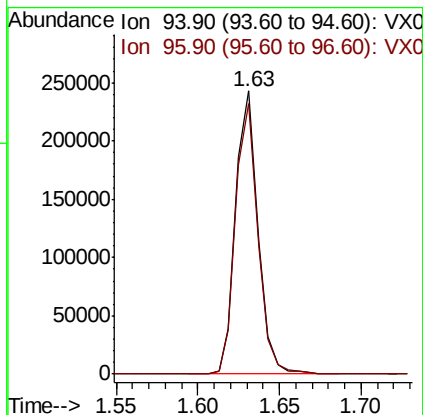
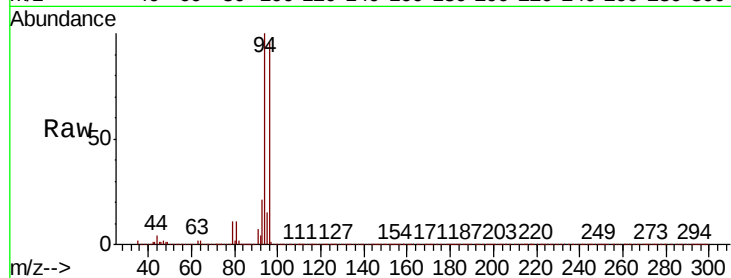
VSTDCCC050EC

Tot Ion: 94 Resp: 229741

Ion Ratio Lower Upper

94 100

96 95.6 77.0 115.4



#6

Chloroethane

Concen: 50.102 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX013665.D

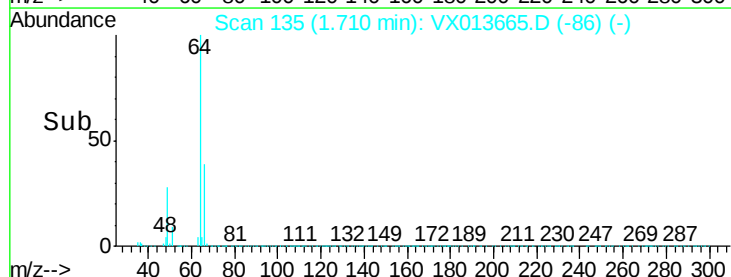
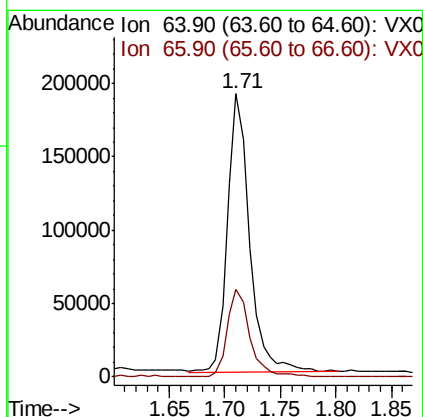
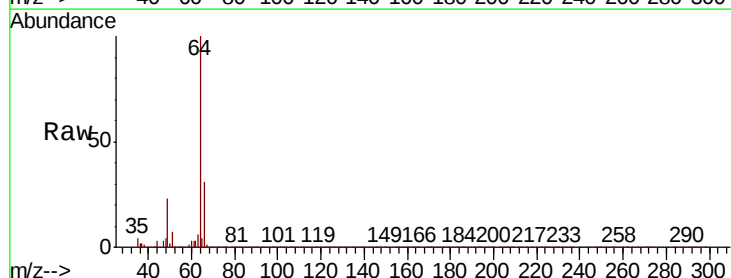
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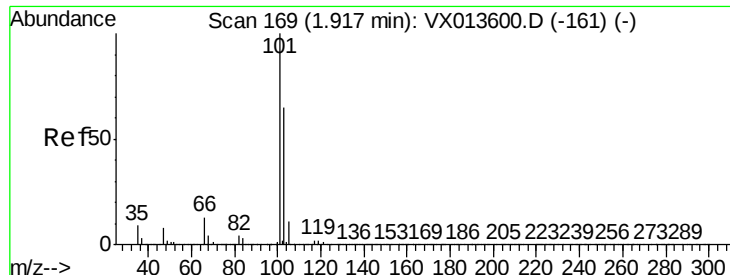
Tgt Ion: 64 Resp: 258184

Ion Ratio Lower Upper

64 100

66 31.5 26.7 40.1



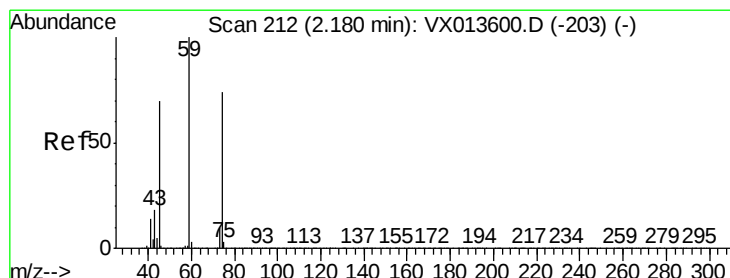
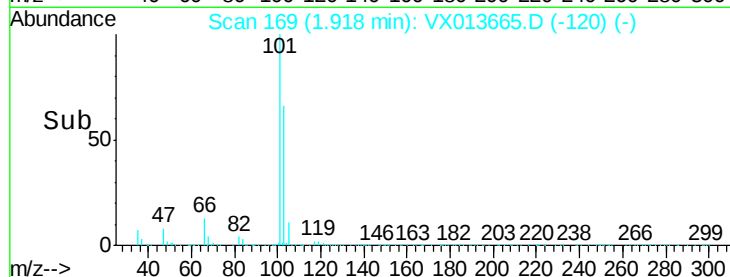
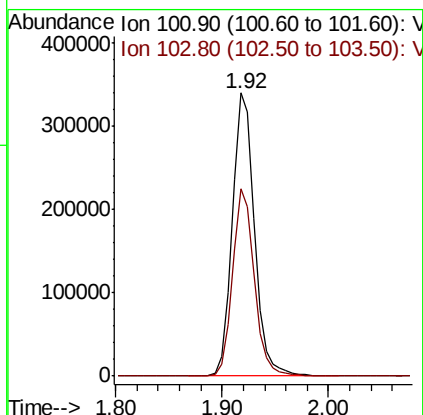
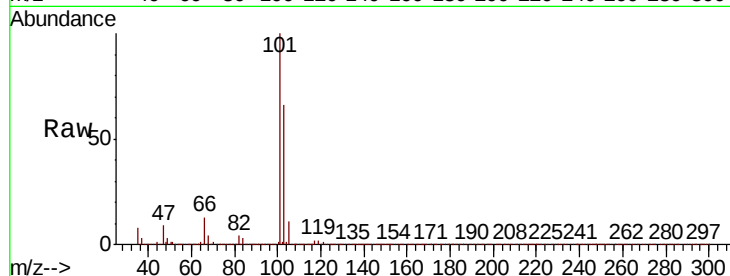


#7

Trichlorofluoromethane
Concen: 49.376 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX013665.D
Acq: 27 Nov 2019 20:31

Instrument :
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ClientSampleId :
VSTDCCC050EC

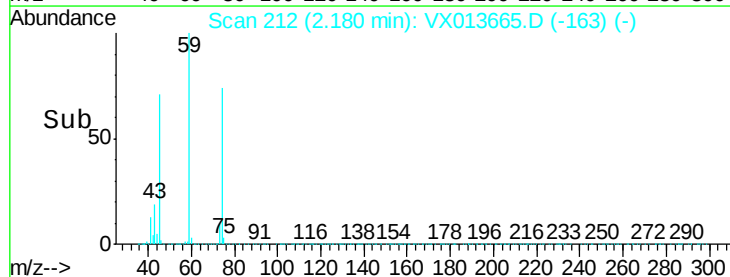
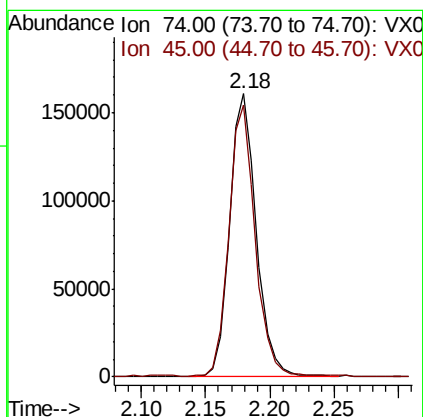
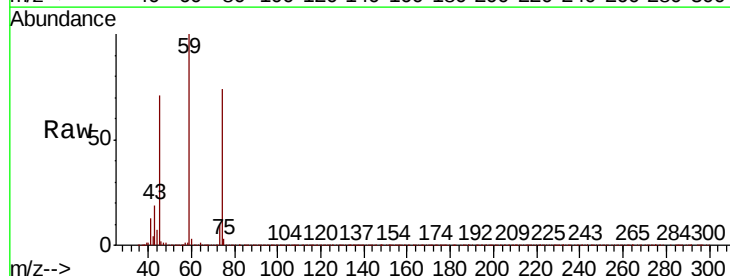
Tot Ion:101 Resp: 496509
Ion Ratio Lower Upper
101 100
103 66.0 51.8 77.6

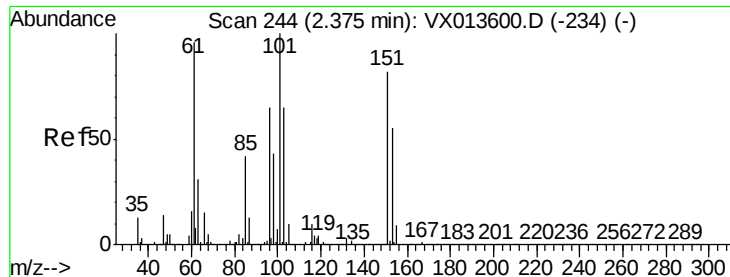


#8

Diethyl Ether
Concen: 50.730 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX013665.D
Acq: 27 Nov 2019 20:31

Tgt Ion: 74 Resp: 230785
Ion Ratio Lower Upper
74 100
45 95.1 48.9 146.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.317 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.00 min

Lab File: VX013665.D

Acq: 27 Nov 2019 20:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

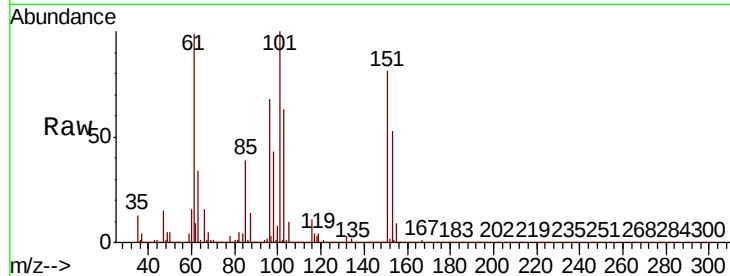
Tot Ion:101 Resp: 302908

Ion Ratio Lower Upper

101 100

85 41.2 33.9 50.9

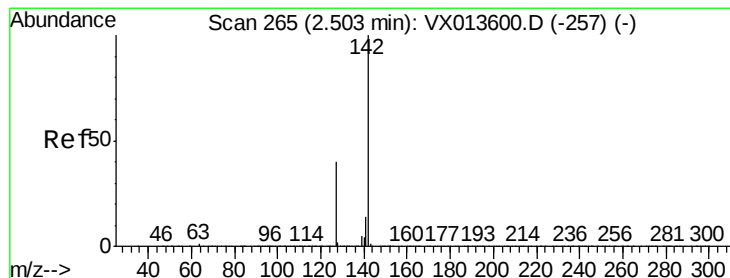
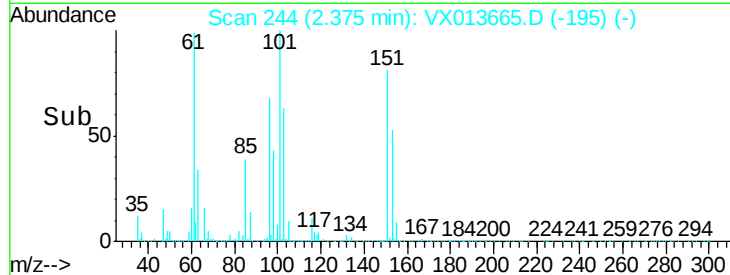
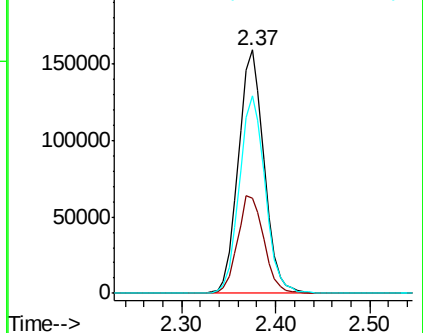
151 81.1 64.2 96.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 40.107 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX013665.D

Acq: 27 Nov 2019 20:31

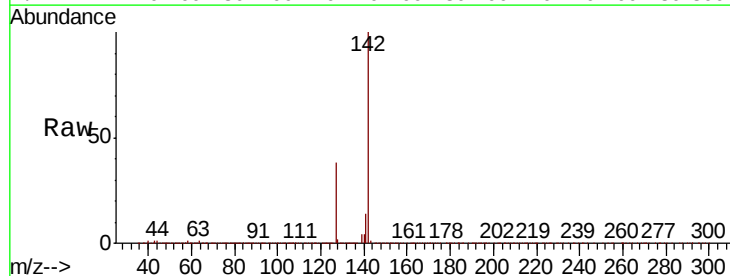
Tgt Ion:142 Resp: 297991

Ion Ratio Lower Upper

142 100

127 38.8 31.0 46.4

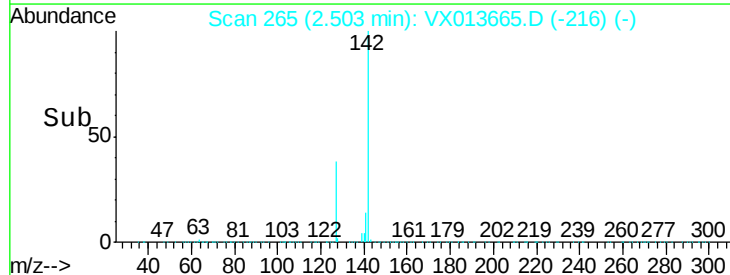
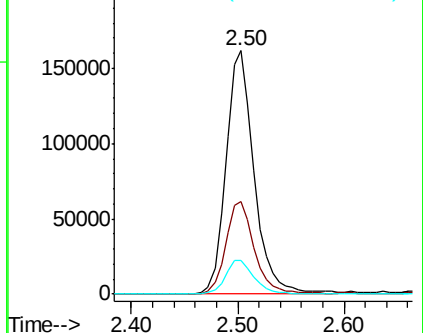
141 14.5 11.6 17.4

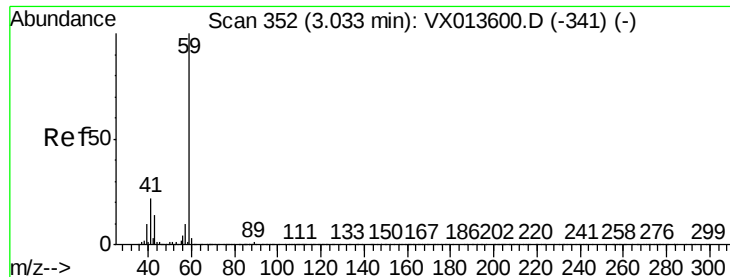


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



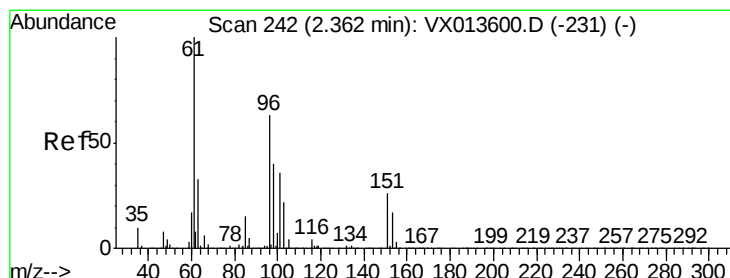
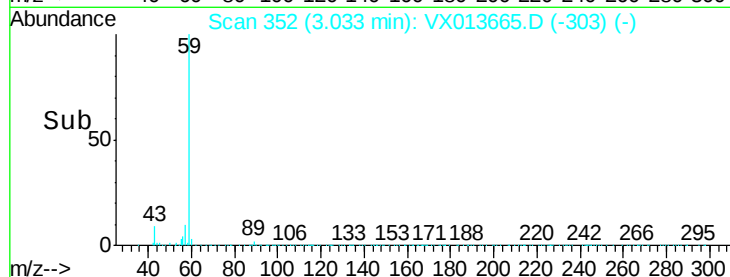
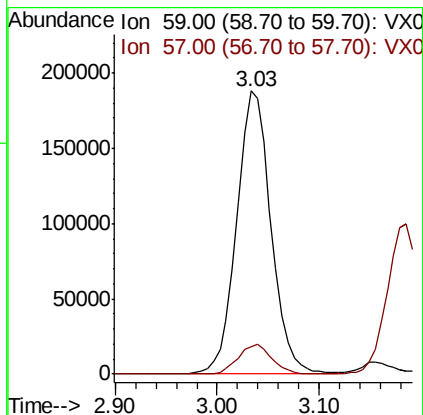
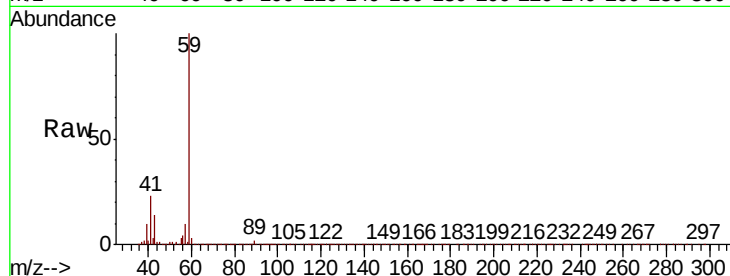


#11

Tert butyl alcohol
Concen: 236.183 ug/l
RT: 3.03 min Scan# 352
Delta R.T. 0.00 min
Lab File: VX013665.D
Acq: 27 Nov 2019 20:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

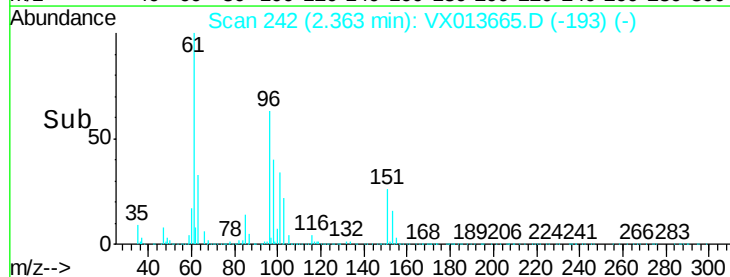
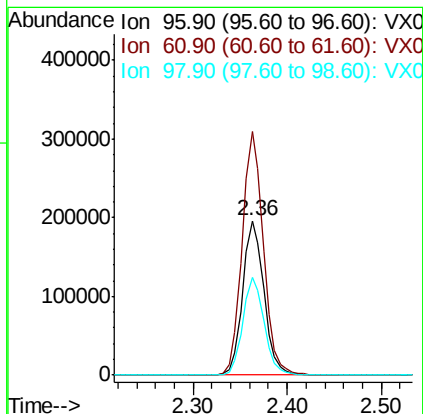
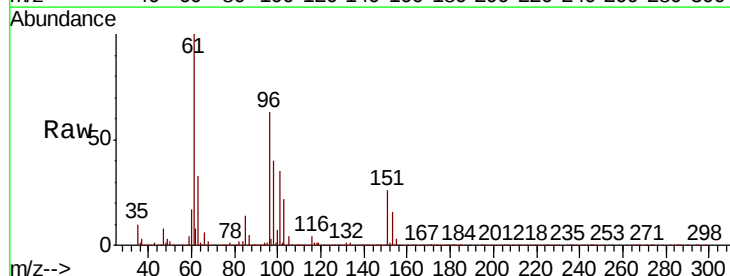
Tot Ion: 59 Resp: 435948
Ion Ratio Lower Upper
59 100
57 10.5 7.8 11.6

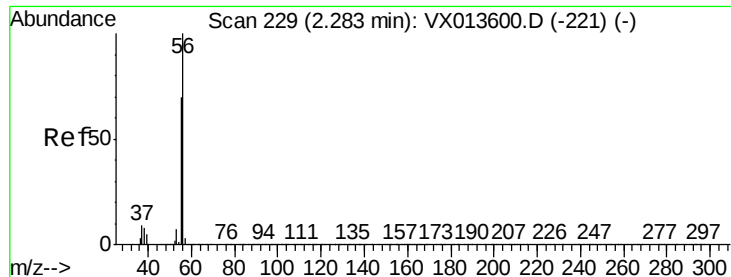


#12

1,1-Dichloroethene
Concen: 50.389 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX013665.D
Acq: 27 Nov 2019 20:31

Tgt Ion: 96 Resp: 308929
Ion Ratio Lower Upper
96 100
61 158.0 126.6 190.0
98 63.7 50.6 76.0

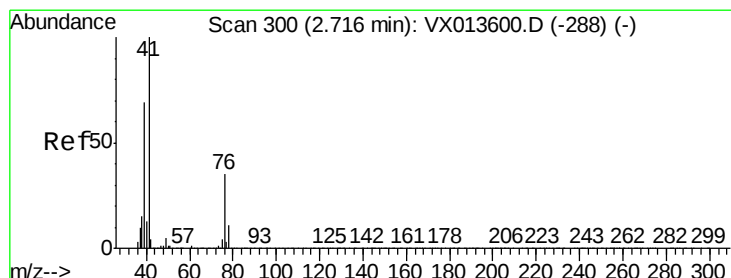
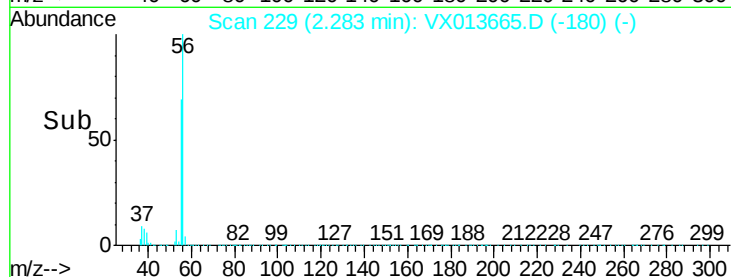
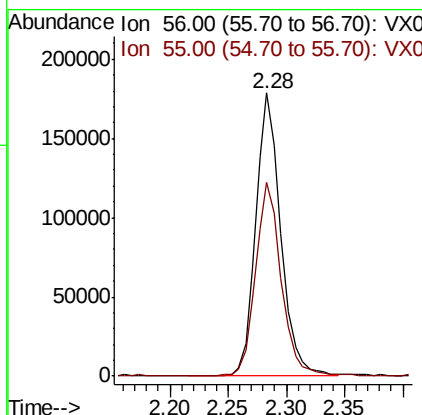
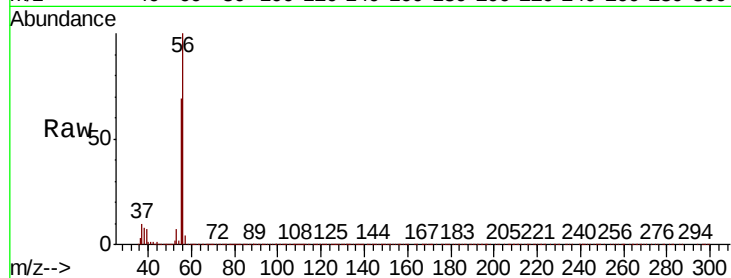




#13
Acrolein
Concen: 215.767 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX013665.D
Acq: 27 Nov 2019 20:31

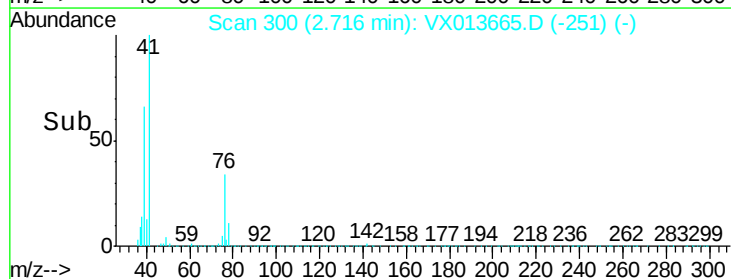
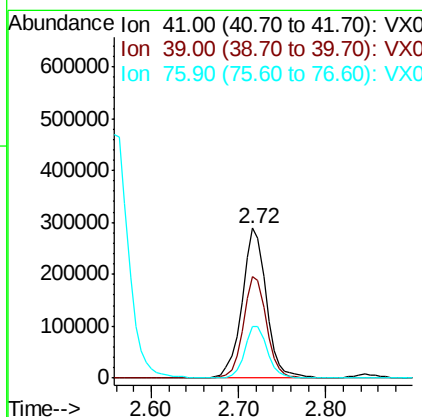
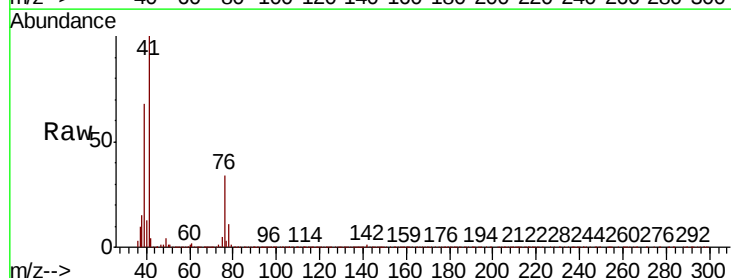
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

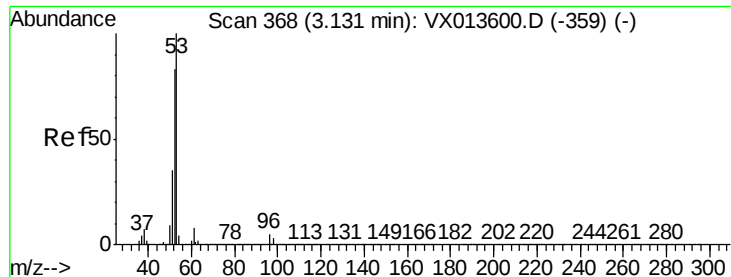
Tot Ion: 56 Resp: 265307
Ion Ratio Lower Upper
56 100
55 69.8 56.2 84.4



#14
Allyl chloride
Concen: 49.980 ug/l
RT: 2.72 min Scan# 300
Delta R.T. 0.00 min
Lab File: VX013665.D
Acq: 27 Nov 2019 20:31

Tgt Ion: 41 Resp: 556080
Ion Ratio Lower Upper
41 100
39 64.7 51.7 77.5
76 31.7 25.9 38.9

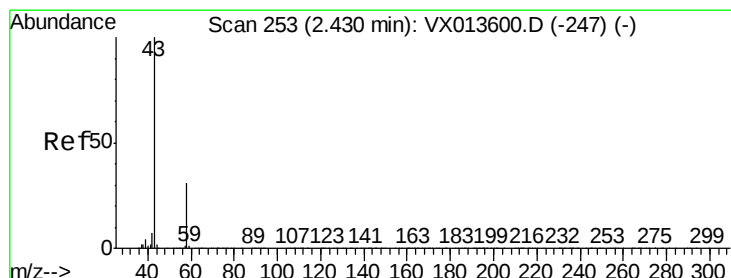
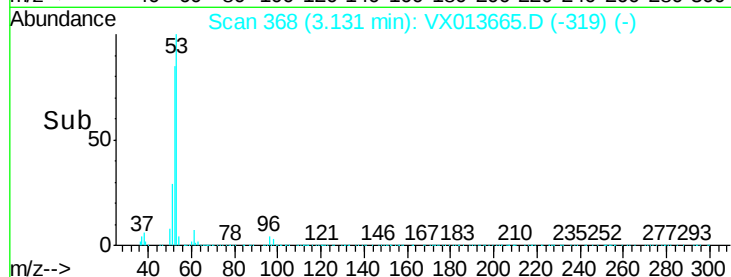
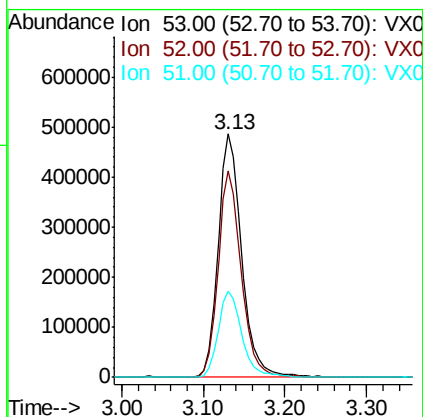
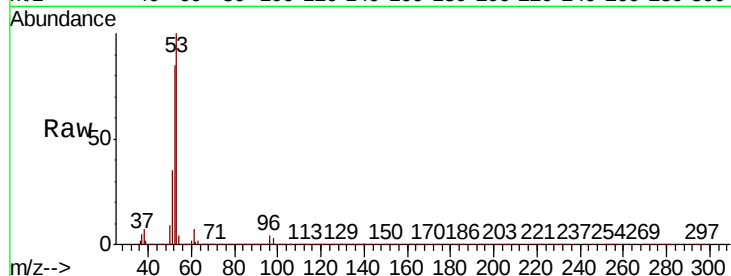




#15
 Acrylonitrile
 Concen: 255.873 ug/l
 RT: 3.13 min Scan# 368
 Delta R.T. 0.00 min
 Lab File: VX013665.D
 Acq: 27 Nov 2019 20:31

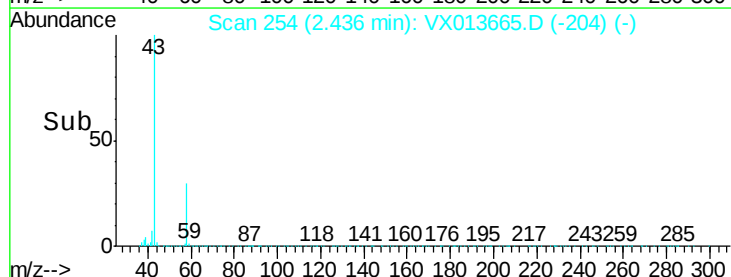
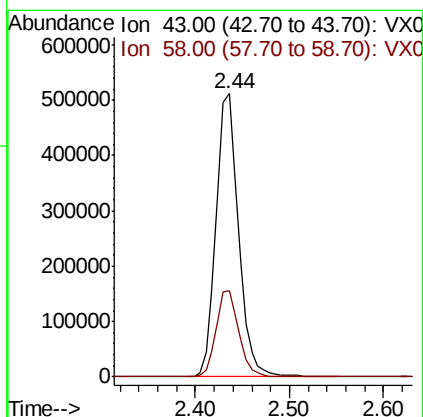
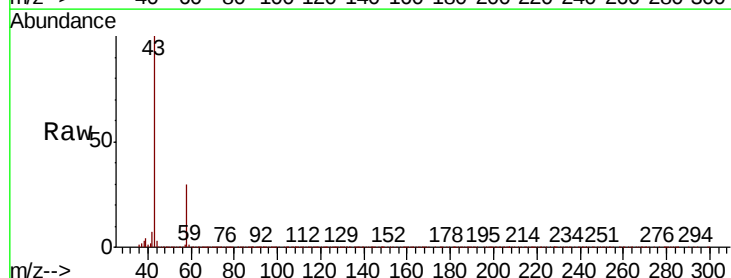
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

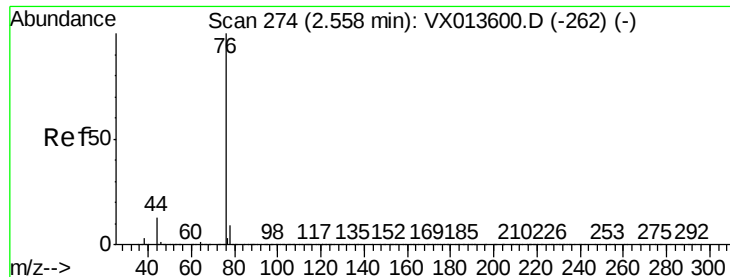
Tot Ion	53	Resp	974894
Ion Ratio	Lower	Upper	
53	100		
52	83.2	66.2	99.2
51	35.9	29.0	43.6



#16
 Acetone
 Concen: 229.245 ug/l
 RT: 2.44 min Scan# 254
 Delta R.T. 0.01 min
 Lab File: VX013665.D
 Acq: 27 Nov 2019 20:31

Tgt Ion	43	Resp	846363
Ion Ratio	Lower	Upper	
43	100		
58	30.4	24.6	36.8





#17

Carbon Disulfide

Concen: 46.970 ug/l

RT: 2.56 min Scan# 274

Delta R.T. 0.00 min

Lab File: VX013665.D

Acq: 27 Nov 2019 20:31

Instrument :

MSVOA_X

ClientSampleId :

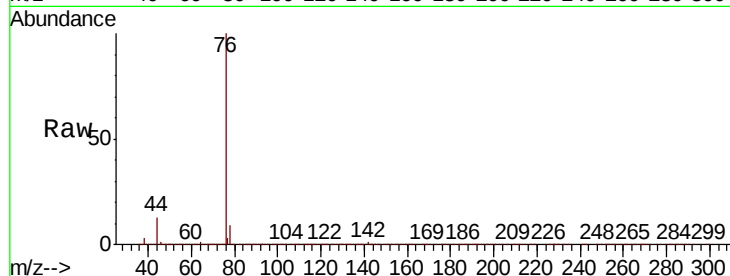
VSTDCCC050EC

Tot Ion: 76 Resp: 820904

Ion Ratio Lower Upper

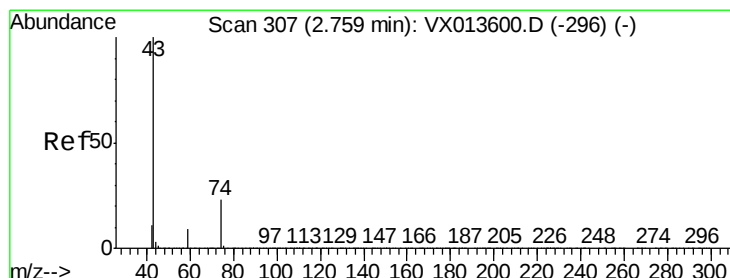
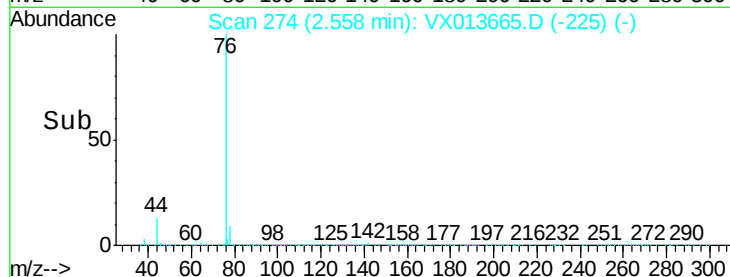
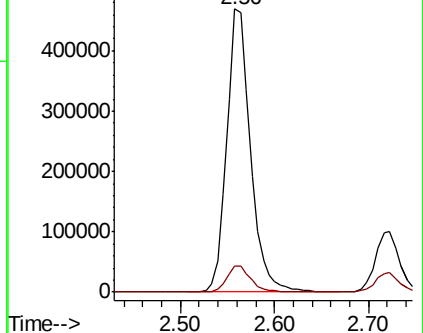
76 100

78 9.1 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 53.144 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.01 min

Lab File: VX013665.D

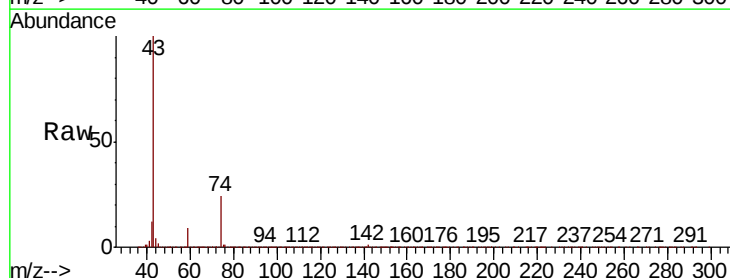
Acq: 27 Nov 2019 20:31

Tgt Ion: 43 Resp: 546361

Ion Ratio Lower Upper

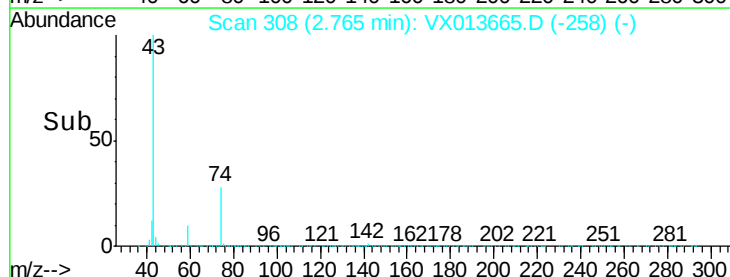
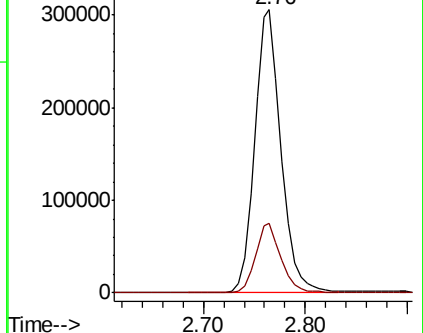
43 100

74 24.4 19.5 29.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

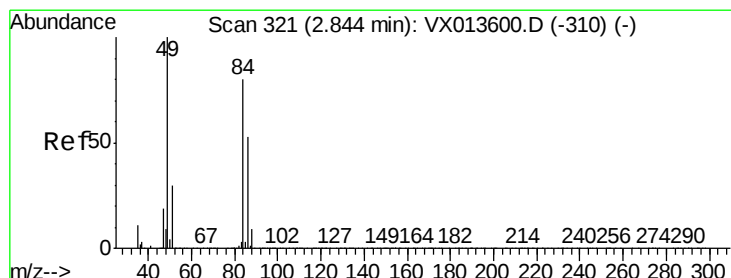
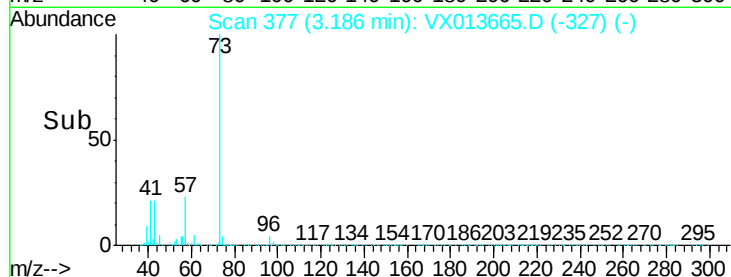
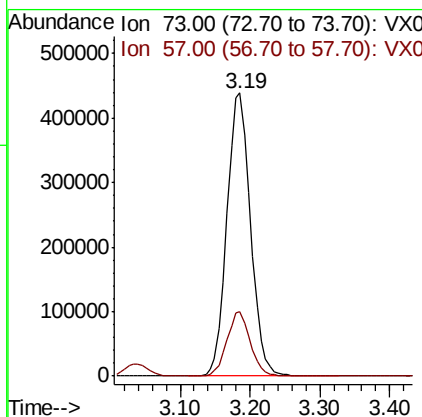
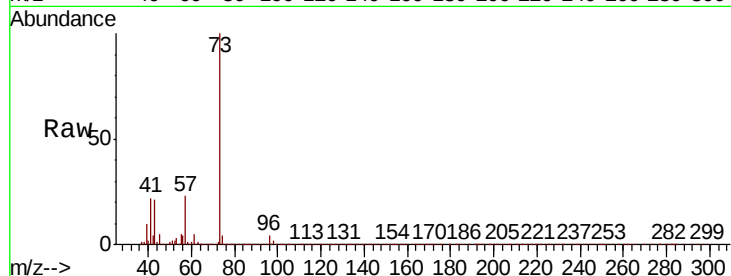




#19
Methvl tert-butvl Ether
Concen: 50.694 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.01 min
Lab File: VX013665.D
Acq: 27 Nov 2019 20:31

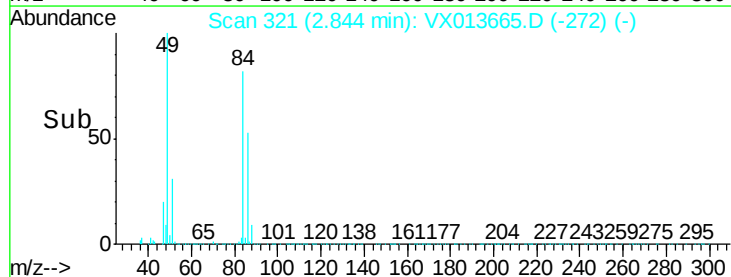
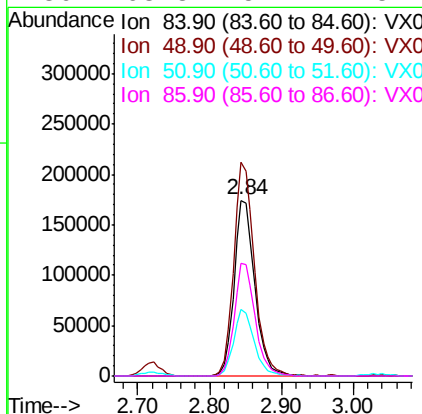
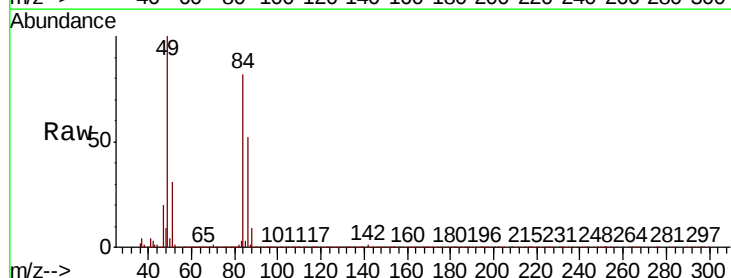
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

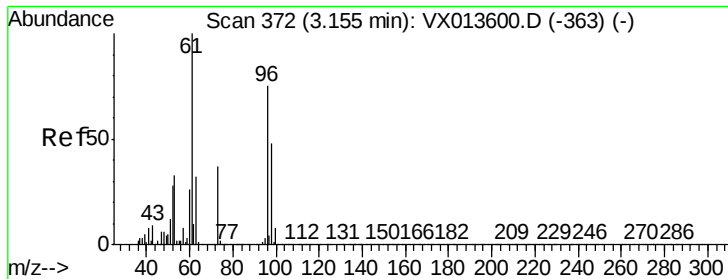
Tot Ion: 73 Resp: 1029594
Ion Ratio Lower Upper
73 100
57 22.7 18.3 27.5



#20
Methylene Chloride
Concen: 49.277 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX013665.D
Acq: 27 Nov 2019 20:31

Tgt Ion: 84 Resp: 349514
Ion Ratio Lower Upper
84 100
49 121.4 99.7 149.5
51 37.5 29.9 44.9
86 63.8 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 49.652 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX013665.D

Acq: 27 Nov 2019 20:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

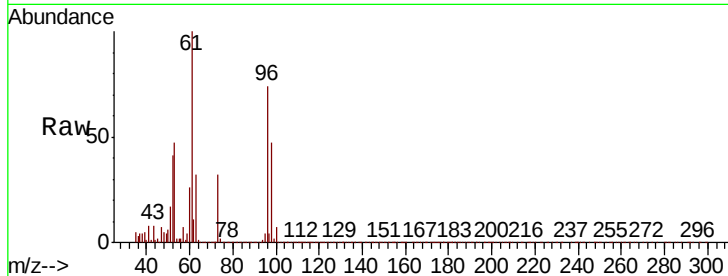
Tot Ion: 96 Resp: 331618

Ion Ratio Lower Upper

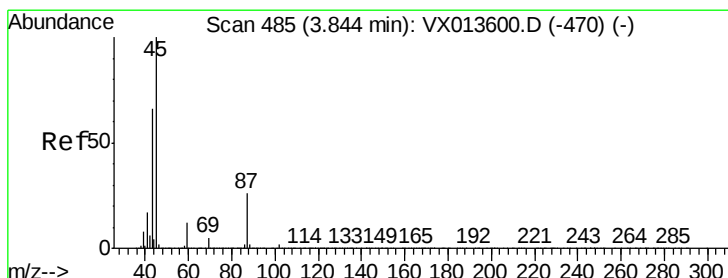
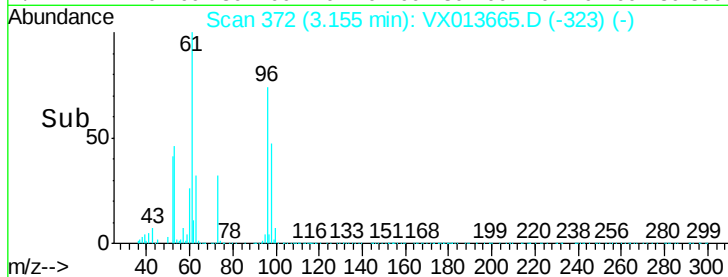
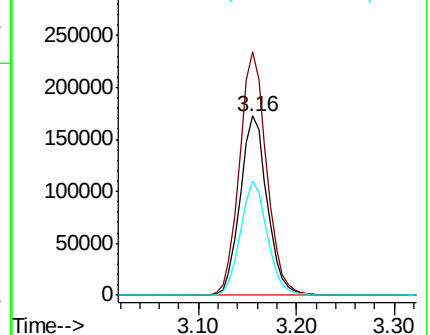
96 100

61 135.8 107.2 160.8

98 63.4 51.4 77.0



Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 51.250 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX013665.D

Acq: 27 Nov 2019 20:31

Tgt Ion: 45 Resp: 1097945

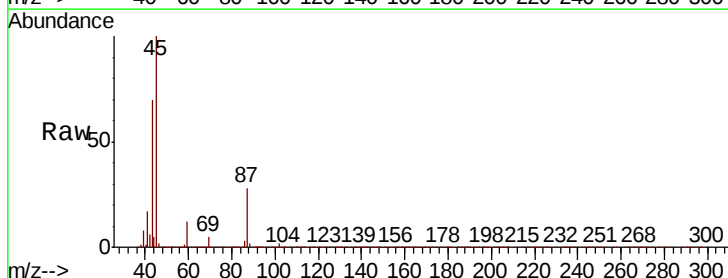
Ion Ratio Lower Upper

45 100

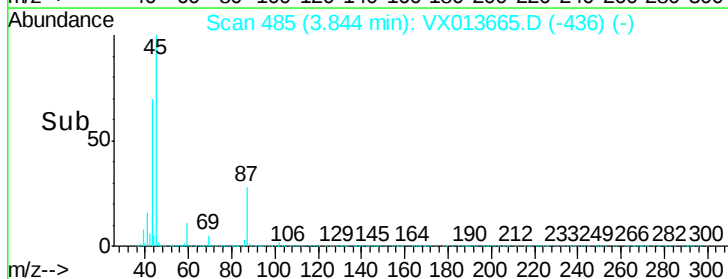
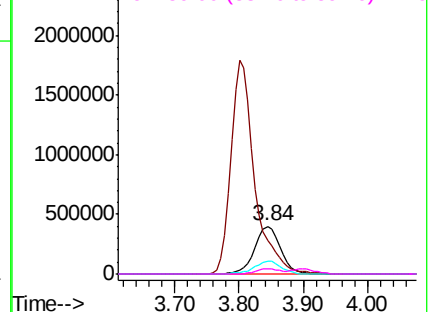
43 70.1 52.6 79.0

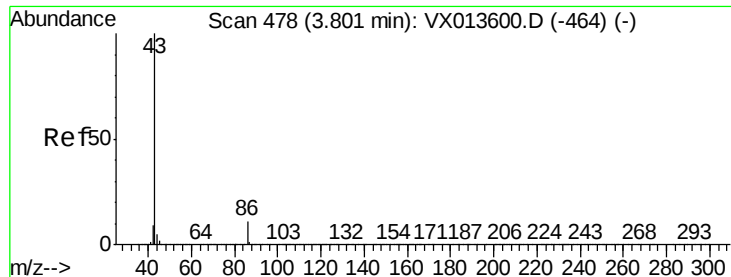
87 27.6 21.1 31.7

59 11.4 9.2 13.8



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 258.772 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX013665.D

Acq: 27 Nov 2019 20:31

Instrument :

MSVOA_X

ClientSampleId :

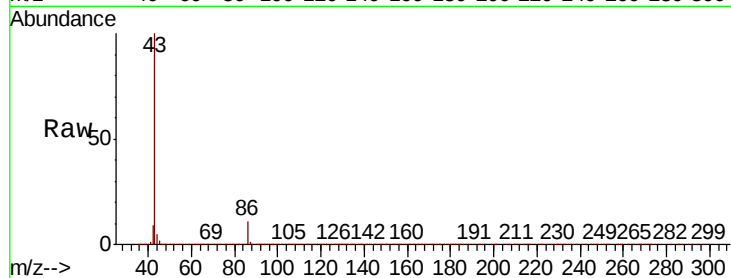
VSTDCCC050EC

Tot Ion: 43 Resp: 4611864

Ion Ratio Lower Upper

43 100

86 10.6 8.7 13.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.80

1500000

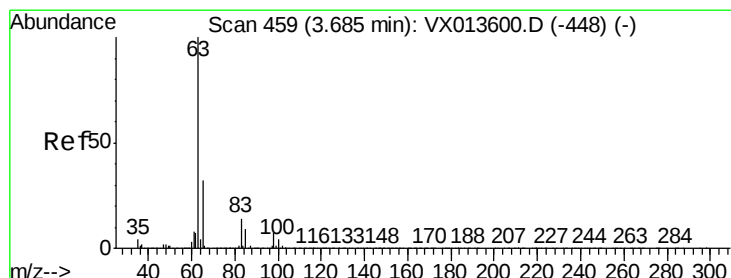
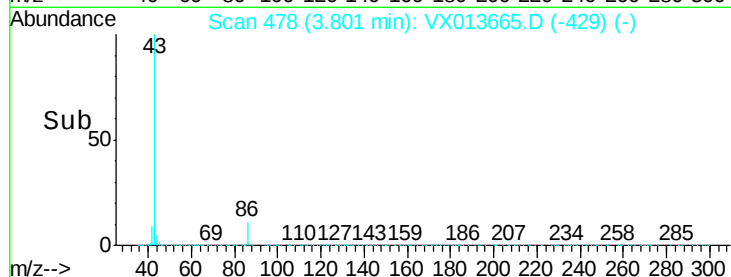
1000000

500000

0

Time-->

3.60 3.80 4.00



#24

1,1-Dichloroethane

Concen: 51.267 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX013665.D

Acq: 27 Nov 2019 20:31

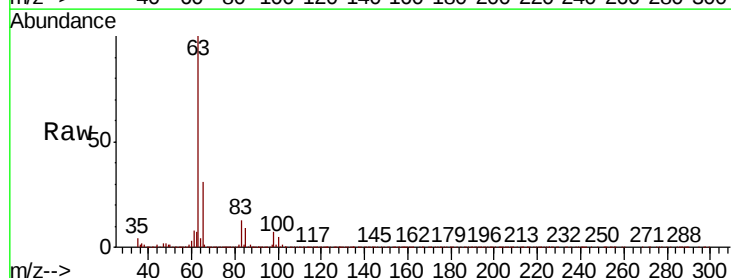
Tgt Ion: 63 Resp: 600416

Ion Ratio Lower Upper

63 100

98 6.9 3.5 10.4

100 4.6 2.1 6.3



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

3.69

300000

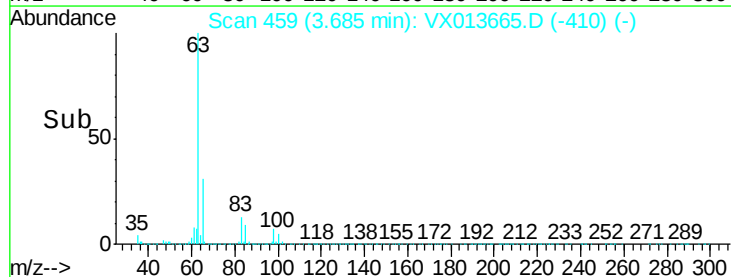
200000

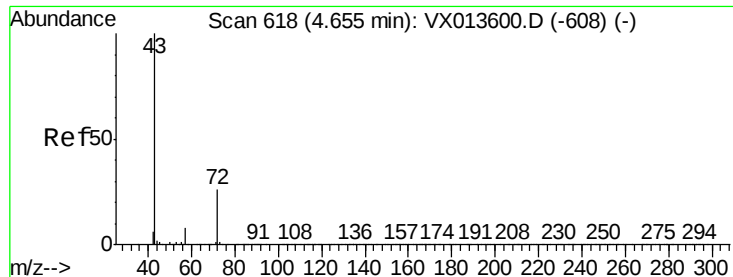
100000

0

Time-->

3.60 3.70 3.80





#25

2-Butanone

Concen: 253.232 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.01 min

Lab File: VX013665.D

Acq: 27 Nov 2019 20:31

Instrument :

MSVOA_X

ClientSampleId :

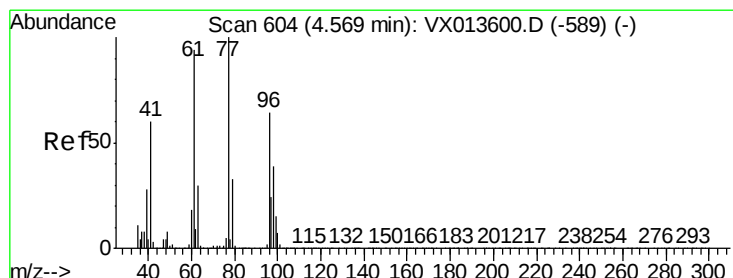
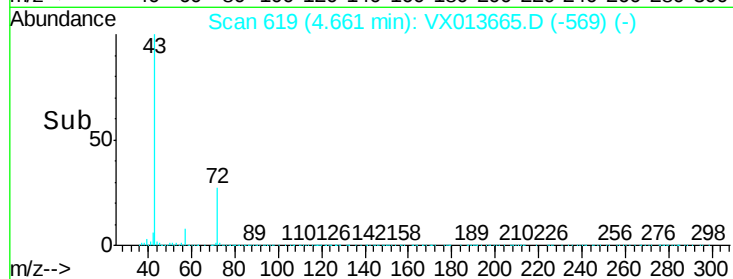
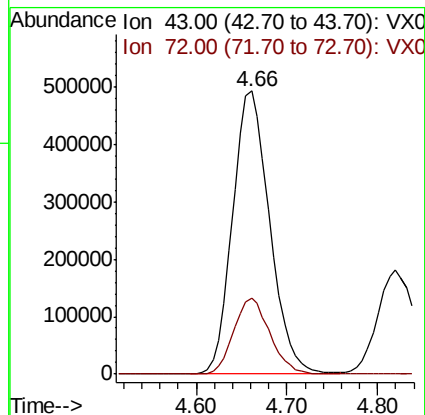
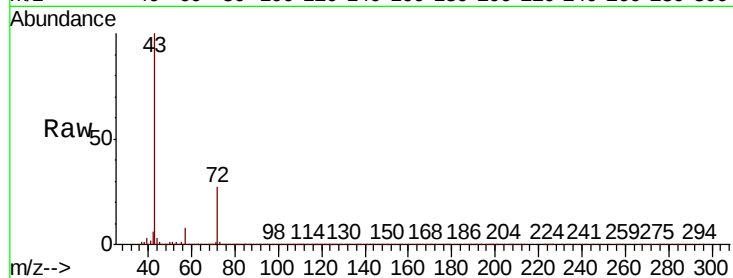
VSTDCCC050EC

Tot Ion: 43 Resp: 1389477

Ion Ratio Lower Upper

43 100

72 26.7 20.6 31.0



#26

2,2-Dichloropropane

Concen: 45.042 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.01 min

Lab File: VX013665.D

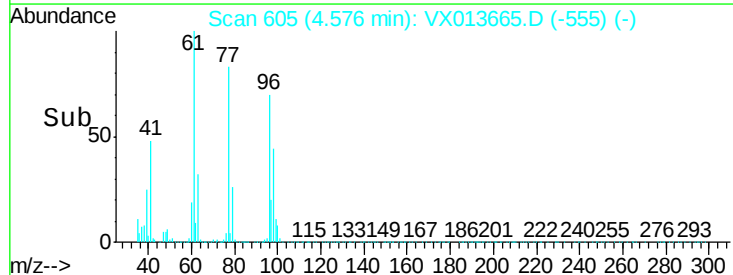
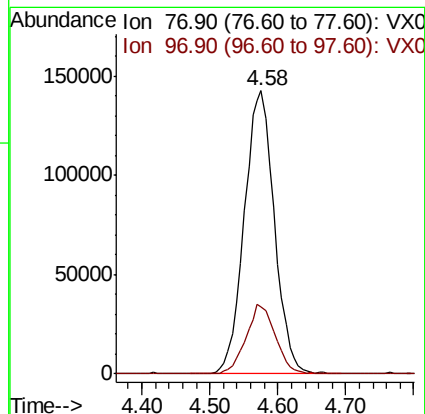
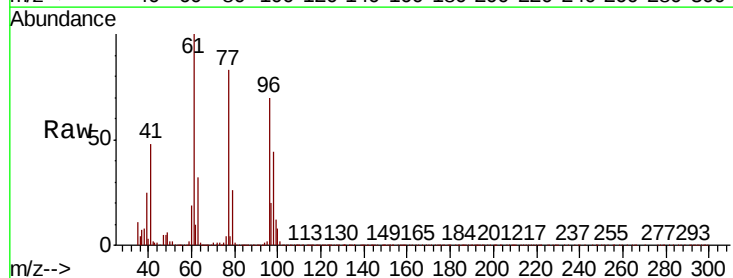
Acq: 27 Nov 2019 20:31

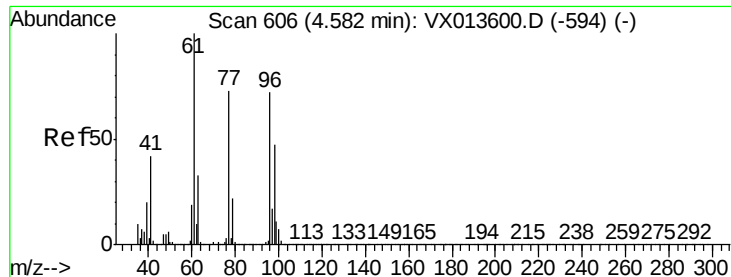
Tgt Ion: 77 Resp: 436446

Ion Ratio Lower Upper

77 100

97 24.1 12.0 36.1



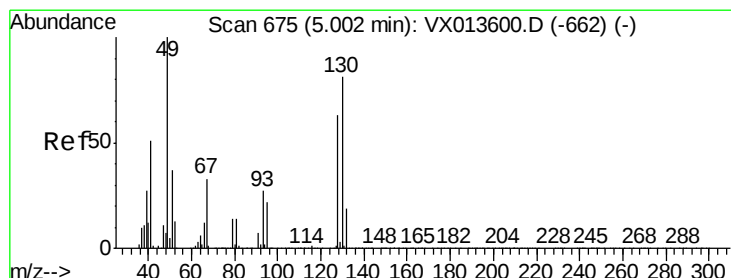
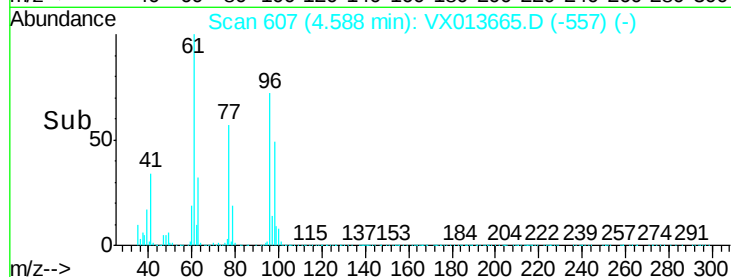
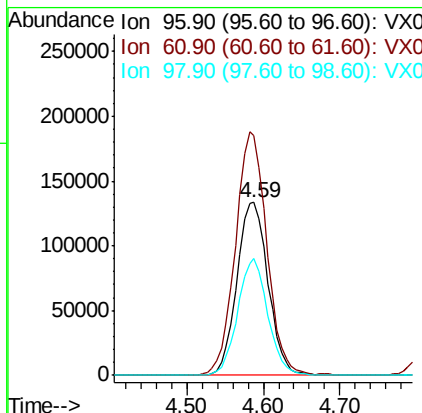
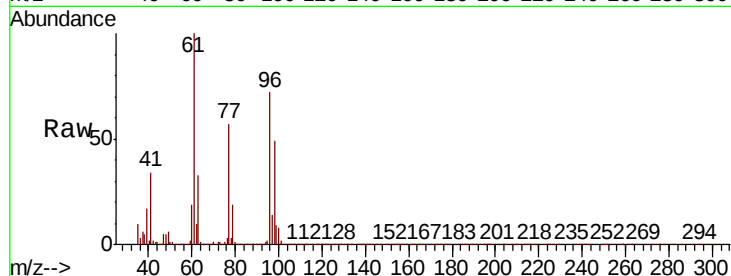


#27

cis-1,2-Dichloroethene
Concen: 49.212 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX013665.D
Acq: 27 Nov 2019 20:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

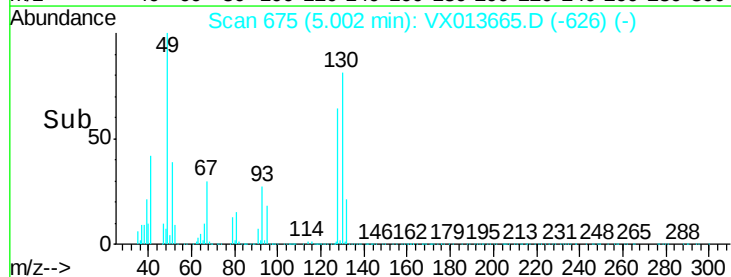
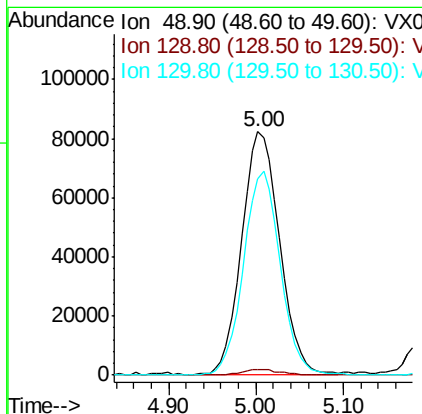
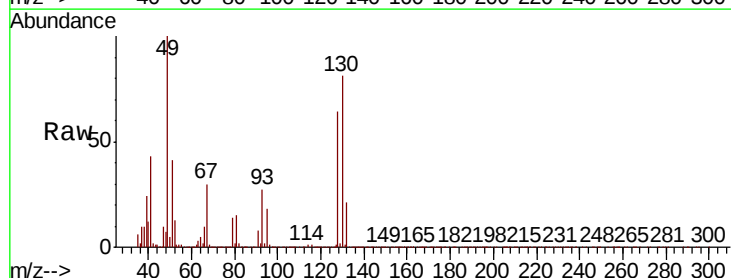
Tot Ion	Ratio	Lower	Upper
96	100		
61	141.0	0.0	286.4
98	65.5	0.0	127.4

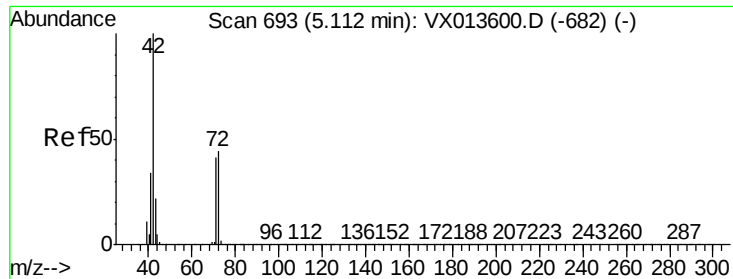


#28

Bromochloromethane
Concen: 53.743 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX013665.D
Acq: 27 Nov 2019 20:31

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	5.0
130	81.6	65.4	98.0





#29

Tetrahydrofuran

Concen: 266.204 ug/l

RT: 5.11 min Scan# 693

Delta R.T. 0.00 min

Lab File: VX013665.D

Acq: 27 Nov 2019 20:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

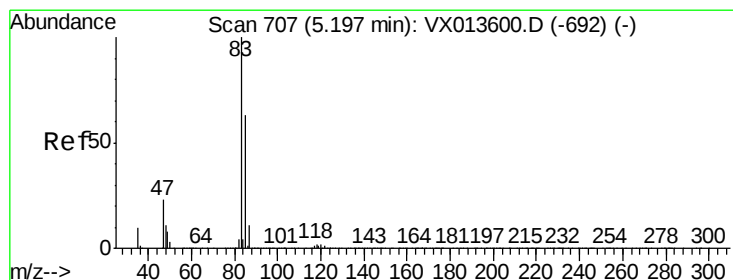
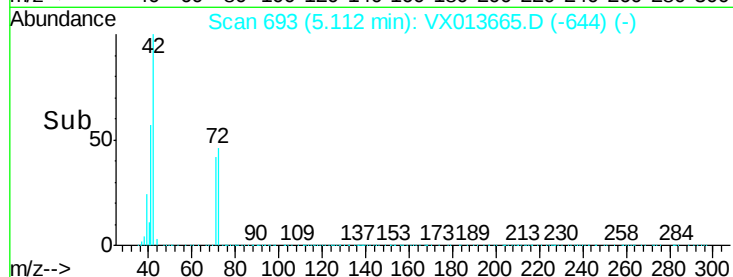
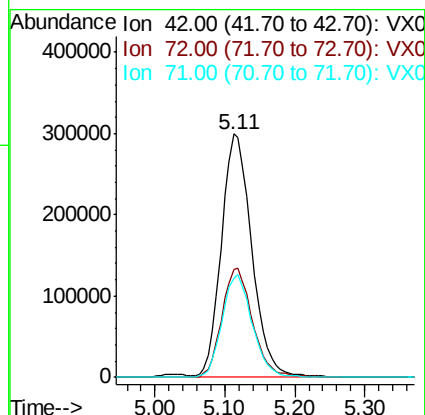
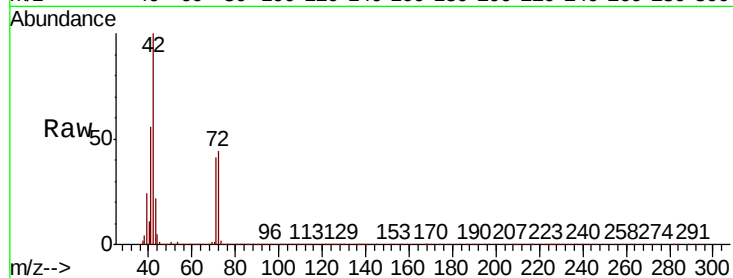
Tot Ion: 42 Resp: 900447

Ion Ratio Lower Upper

42 100

72 45.4 36.3 54.5

71 42.1 33.2 49.8



#30

Chloroform

Concen: 48.485 ug/l

RT: 5.20 min Scan# 708

Delta R.T. 0.01 min

Lab File: VX013665.D

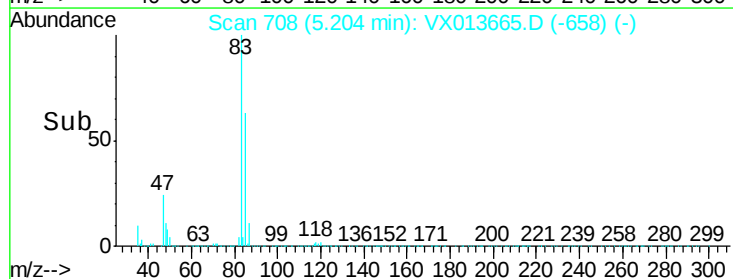
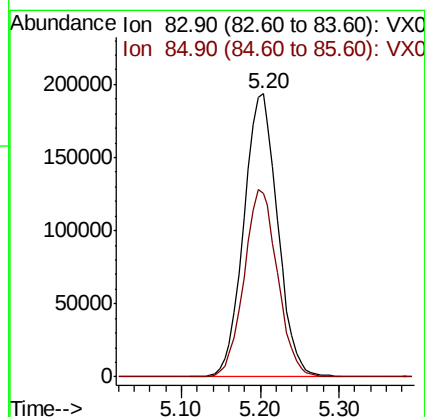
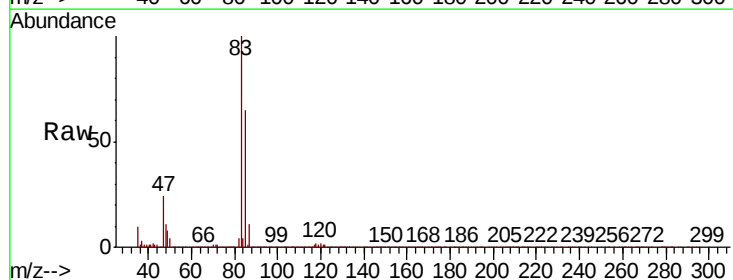
Acq: 27 Nov 2019 20:31

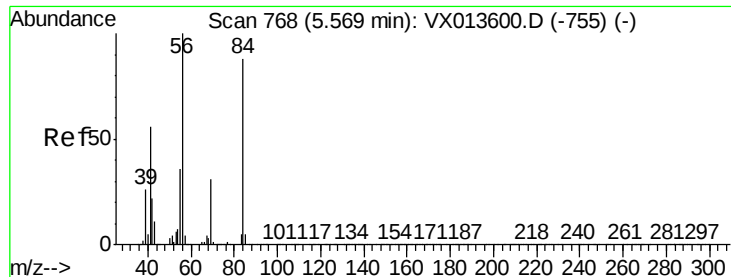
Tgt Ion: 83 Resp: 575873

Ion Ratio Lower Upper

83 100

85 64.8 50.2 75.4

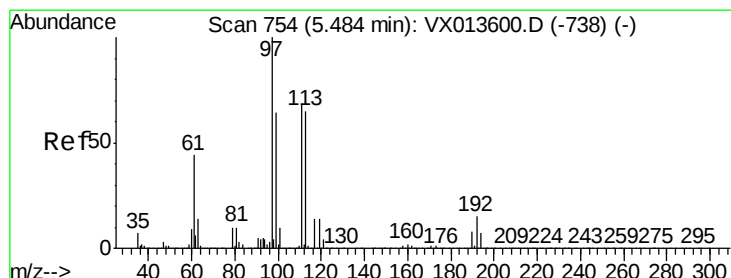
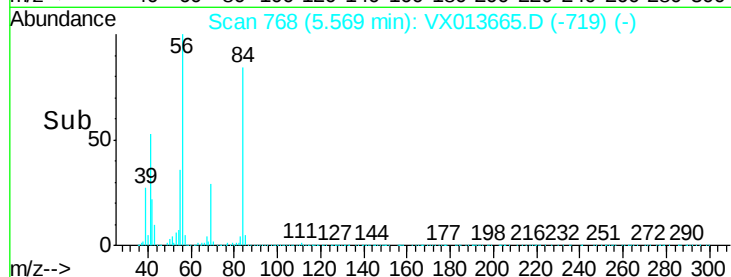
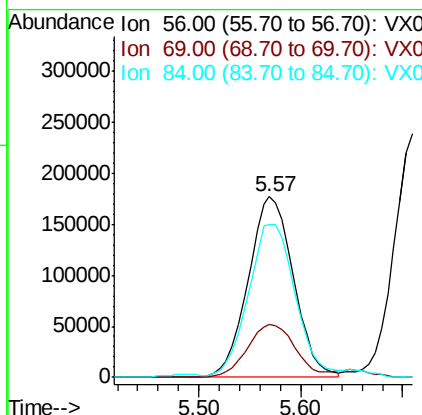
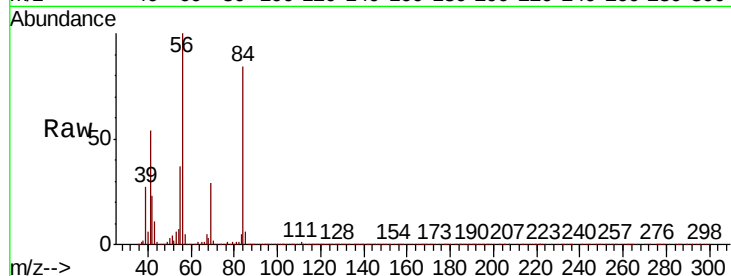




#31
Cyclohexane
Concen: 49.011 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX013665.D
Acq: 27 Nov 2019 20:31

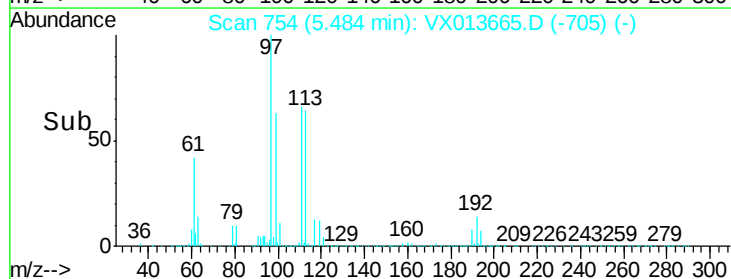
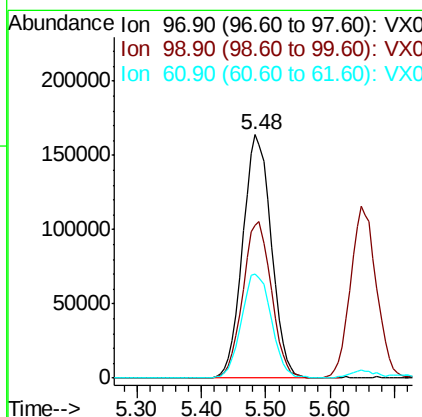
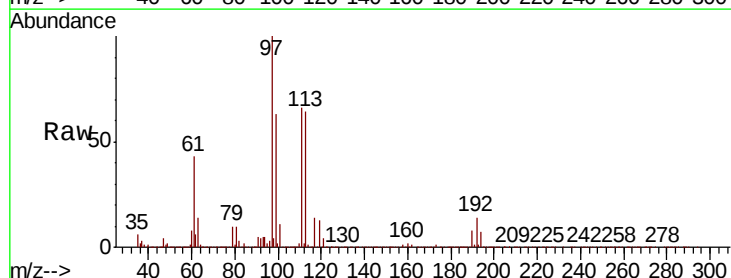
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

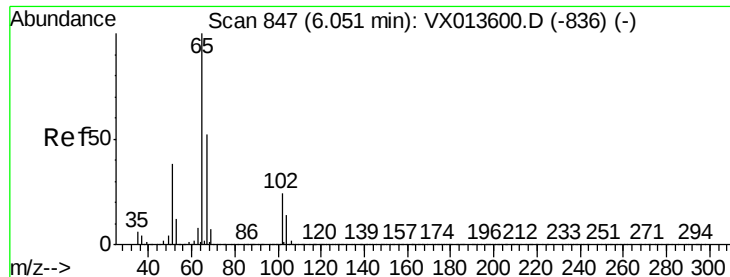
Tot Ion: 56 Resp: 541387
Ion Ratio Lower Upper
56 100
69 29.3 24.6 36.8
84 83.0 70.0 105.0



#32
1,1,1-Trichloroethane
Concen: 50.274 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX013665.D
Acq: 27 Nov 2019 20:31

Tgt Ion: 97 Resp: 498988
Ion Ratio Lower Upper
97 100
99 64.0 51.6 77.4
61 44.7 36.1 54.1





#33

1,2-Dichloroethane-d4

Concen: 48.711 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX013665.D

Acq: 27 Nov 2019 20:31

Instrument :

MSVOA_X

ClientSampleId :

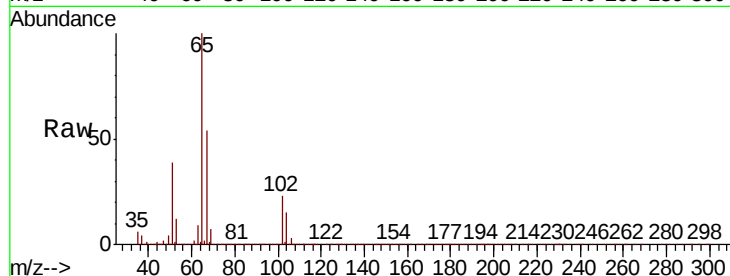
VSTDCCC050EC

Tot Ion: 65 Resp: 364255

Ion Ratio Lower Upper

65 100

67 53.4 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.05

150000

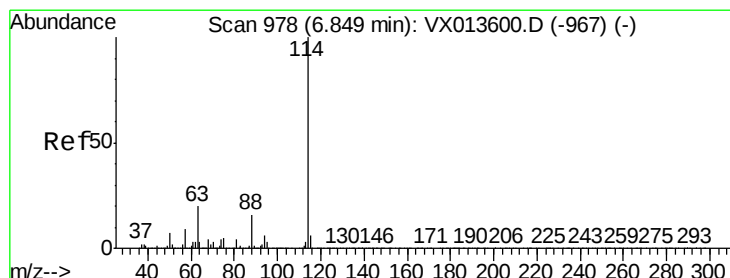
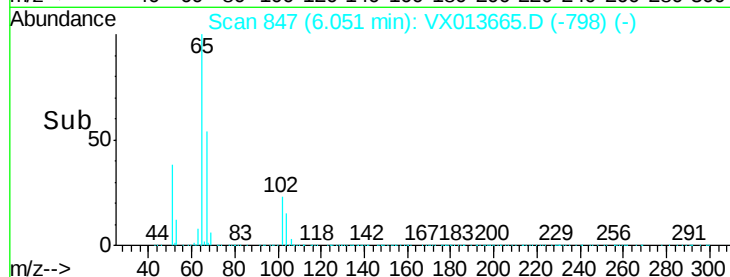
100000

50000

0

6.00 6.10

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX013665.D

Acq: 27 Nov 2019 20:31

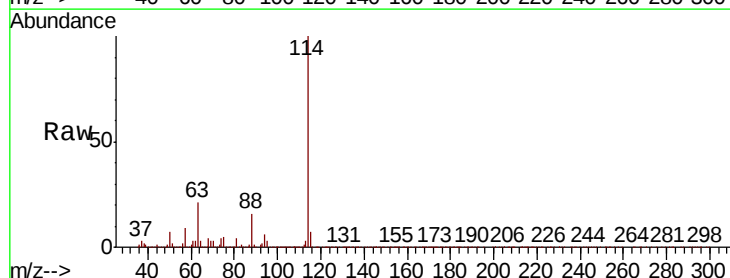
Tgt Ion: 114 Resp: 1001938

Ion Ratio Lower Upper

114 100

63 20.5 0.0 39.6

88 15.8 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.85

500000

400000

300000

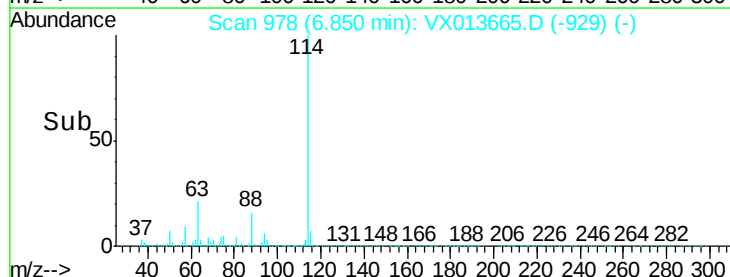
200000

100000

0

6.70 6.80 6.90 7.00

Time-->

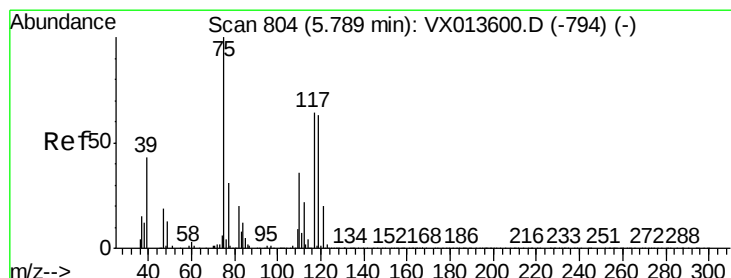
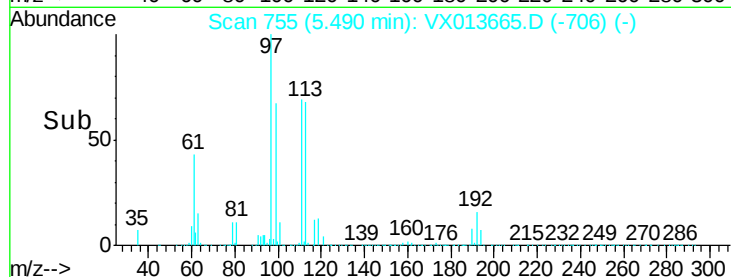
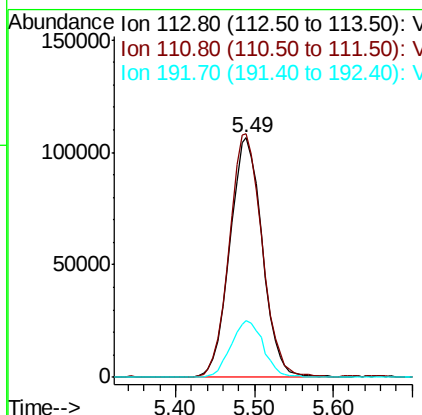
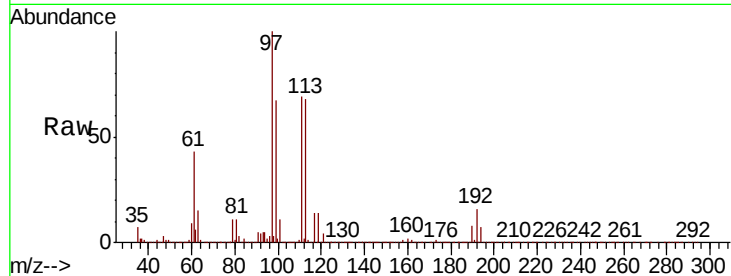




#35
 Dibromofluoromethane
 Concen: 49.109 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: VX013665.D
 Acq: 27 Nov 2019 20:31

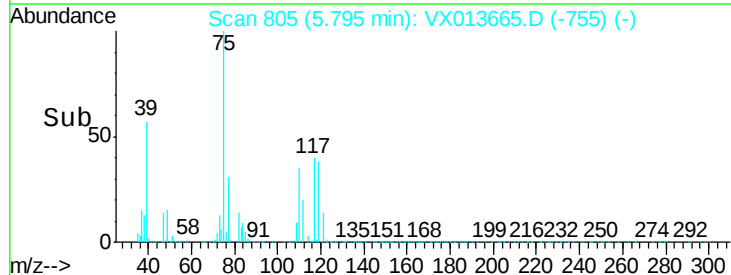
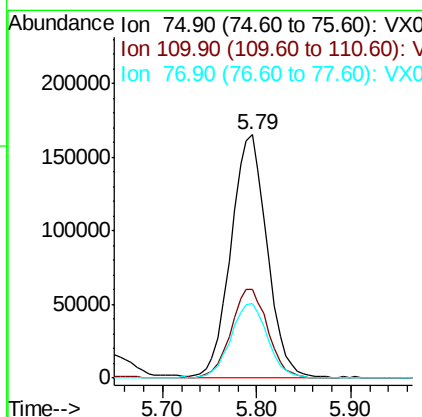
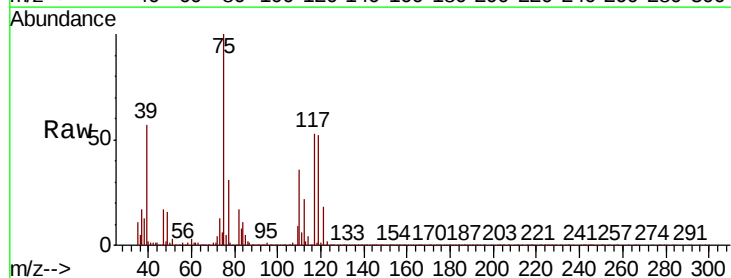
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

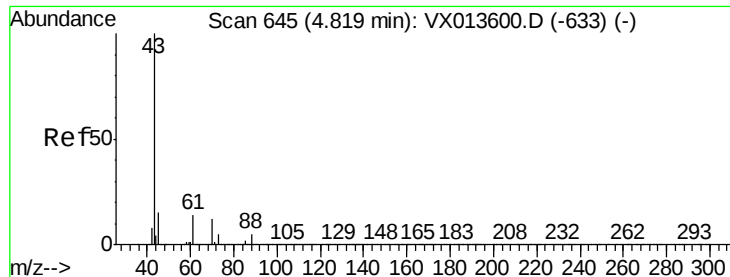
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.4	83.6	125.4
192	23.6	19.2	28.8



#36
 1,1-Dichloropropene
 Concen: 48.131 ug/l
 RT: 5.79 min Scan# 805
 Delta R.T. 0.01 min
 Lab File: VX013665.D
 Acq: 27 Nov 2019 20:31

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.4	18.1	54.1
77	31.4	24.5	36.7

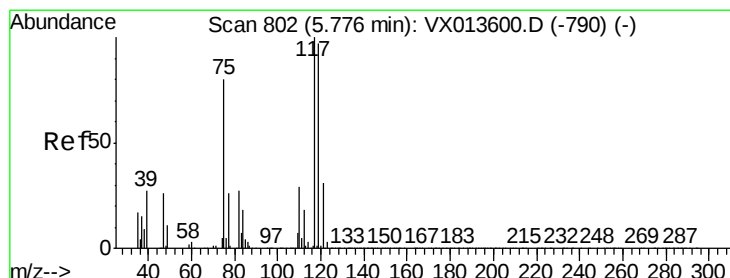
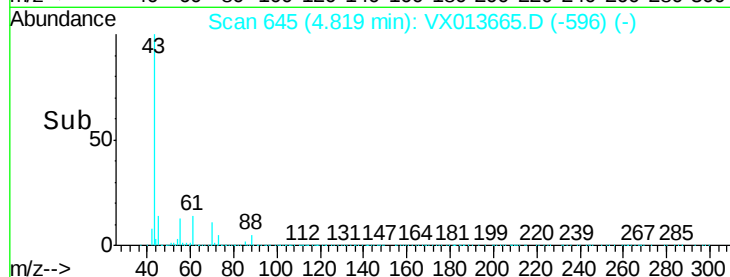
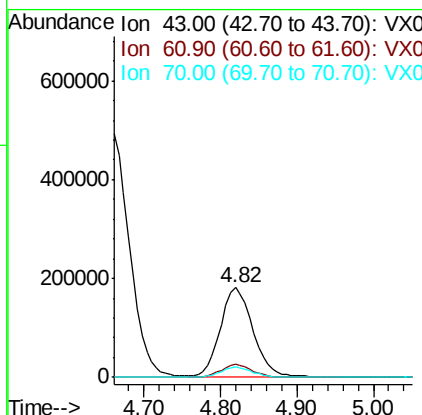
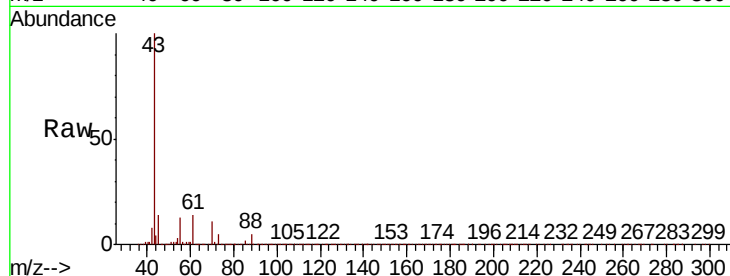




#37
Ethyl Acetate
Concen: 51.788 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX013665.D
Acq: 27 Nov 2019 20:31

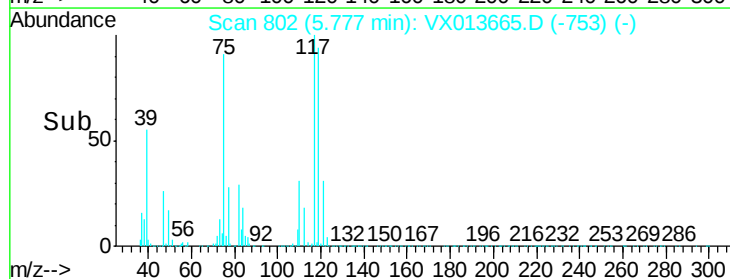
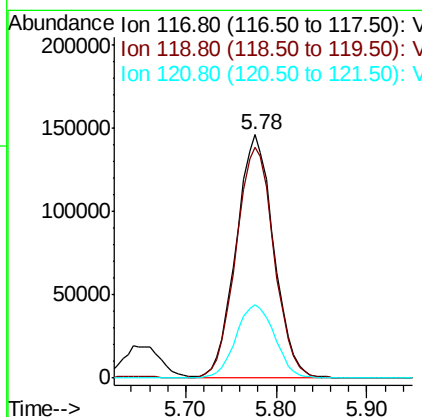
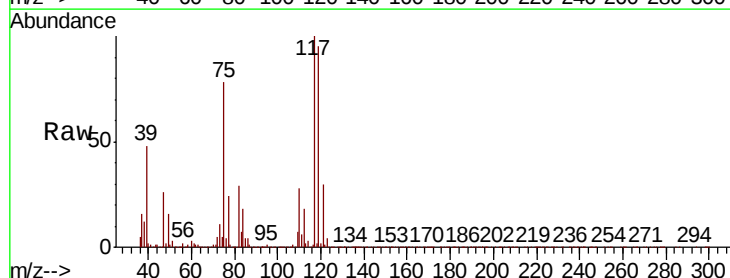
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

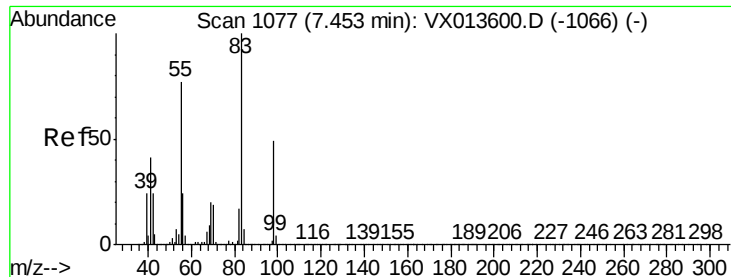
Tot Ion	Ratio	Lower	Upper
43	100		
61	13.5	11.0	16.4
70	11.0	8.6	12.8



#38
Carbon Tetrachloride
Concen: 49.917 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX013665.D
Acq: 27 Nov 2019 20:31

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.8	77.5	116.3
121	30.2	25.0	37.6

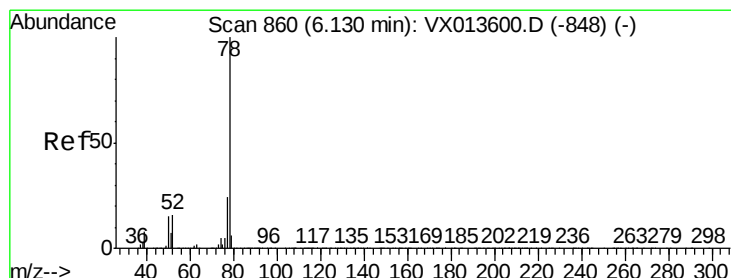
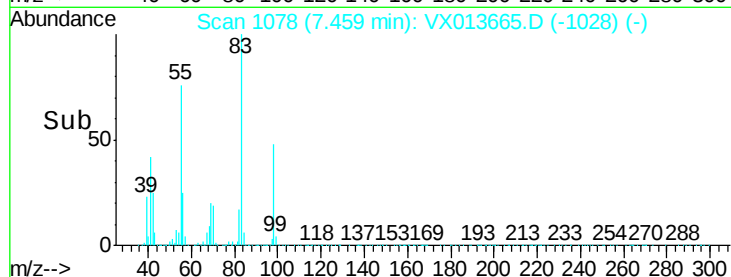
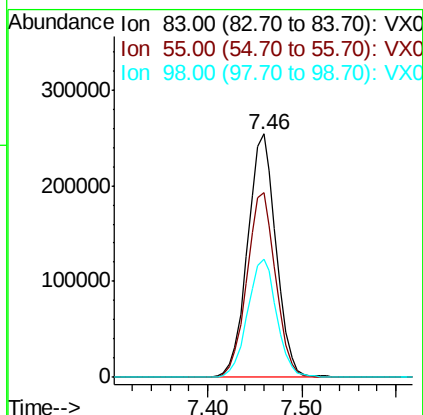
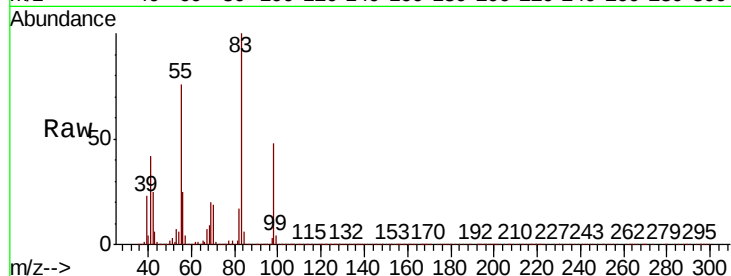




#39
Methvlcvclohexane
Concen: 47.928 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.01 min
Lab File: VX013665.D
Acq: 27 Nov 2019 20:31

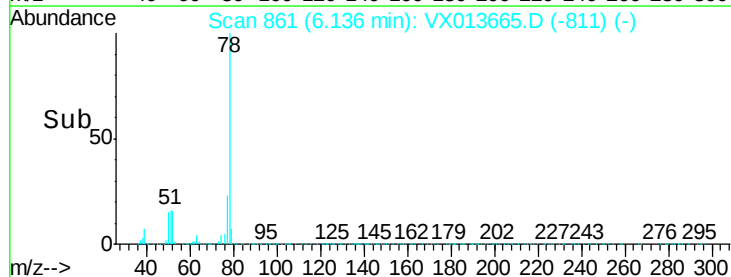
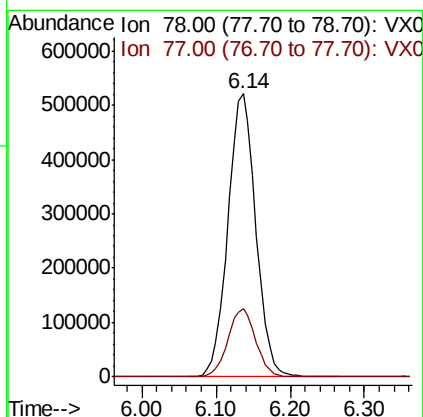
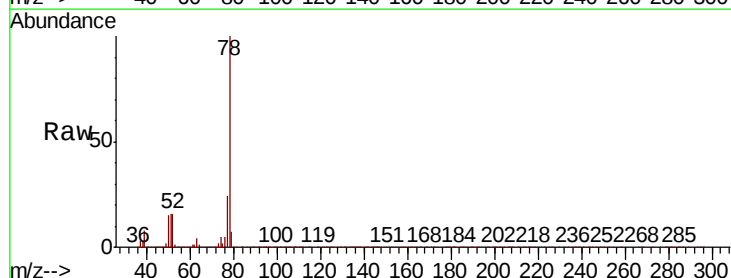
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

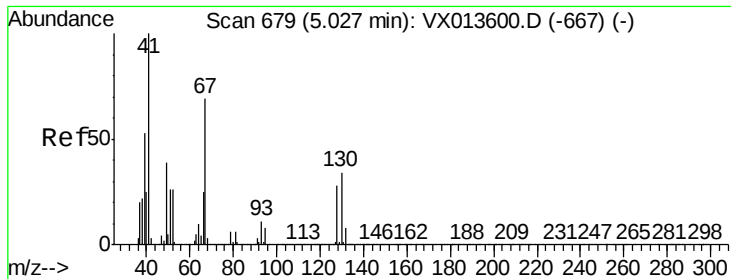
Tot Ion	Ratio	Lower	Upper
83	100		
55	75.9	61.9	92.9
98	48.2	39.4	59.0



#40
Benzene
Concen: 49.139 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX013665.D
Acq: 27 Nov 2019 20:31

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.0	19.0	28.4

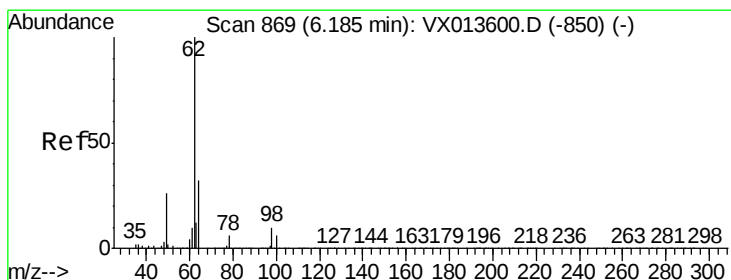
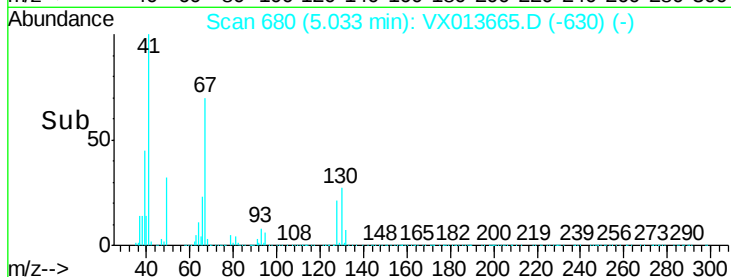
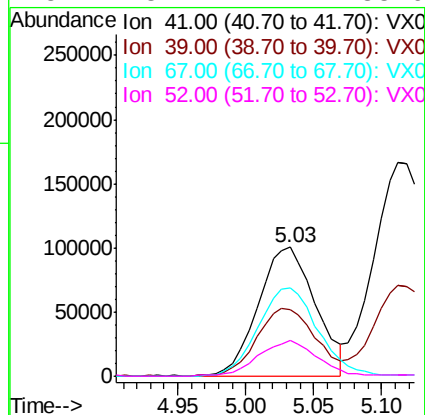
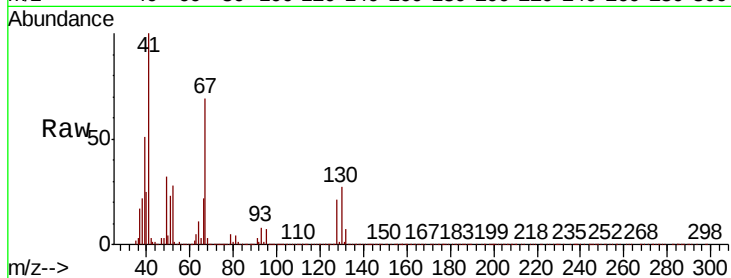




#41
Methacrylonitrile
Concen: 52.233 ug/l
RT: 5.03 min Scan# 680
Delta R.T. 0.01 min
Lab File: VX013665.D
Acq: 27 Nov 2019 20:31

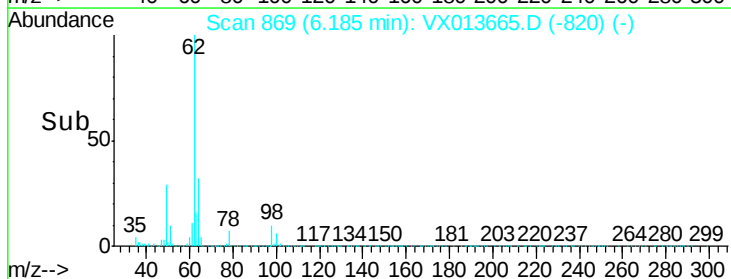
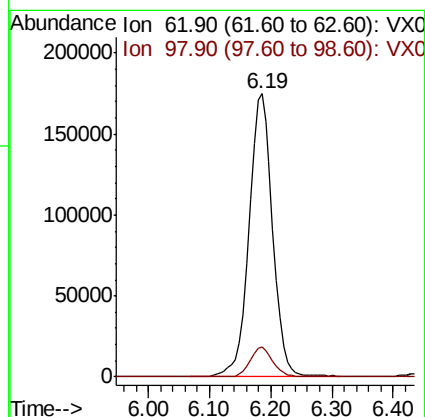
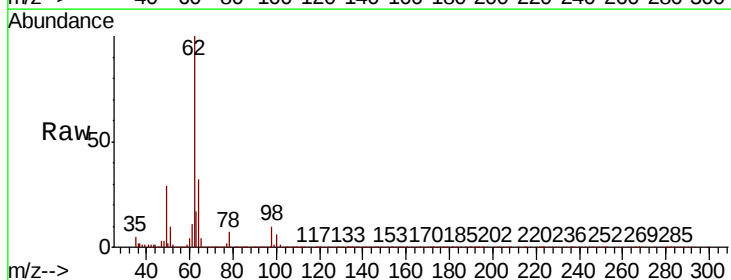
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

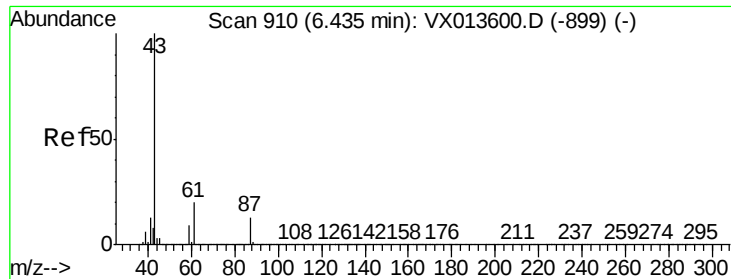
Tot Ion:	41	Resp:	292281
Ion	Ratio	Lower	Upper
41	100		
39	54.0	42.9	64.3
67	72.0	57.4	86.0
52	28.4	22.4	33.6



#42
1,2-Dichloroethane
Concen: 49.902 ug/l
RT: 6.19 min Scan# 869
Delta R.T. 0.00 min
Lab File: VX013665.D
Acq: 27 Nov 2019 20:31

Tgt Ion:	62	Resp:	471424
Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	20.8





#43

Isopropyl Acetate

Concen: 50.140 ug/l

RT: 6.43 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX013665.D

Acq: 27 Nov 2019 20:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

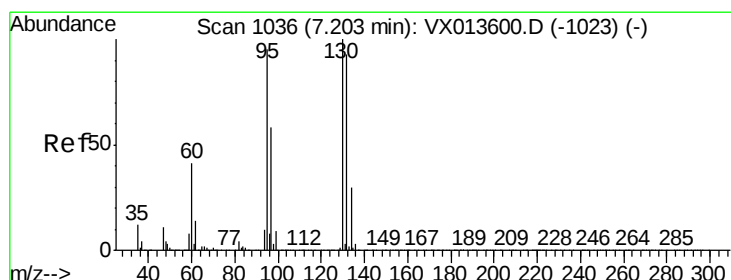
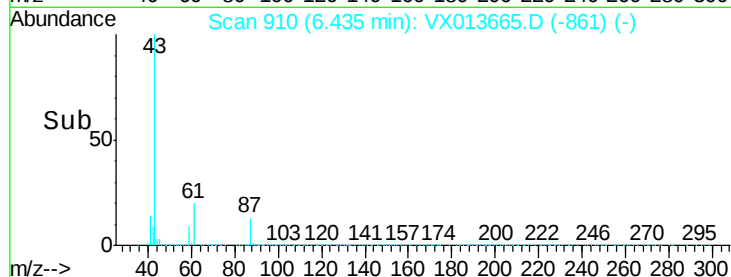
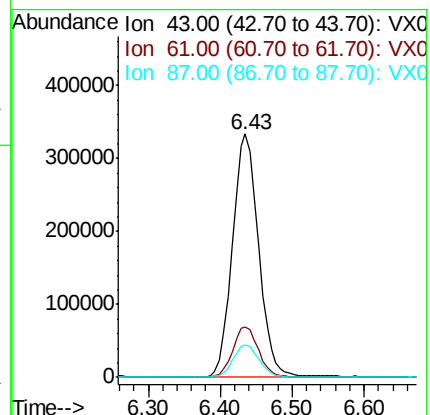
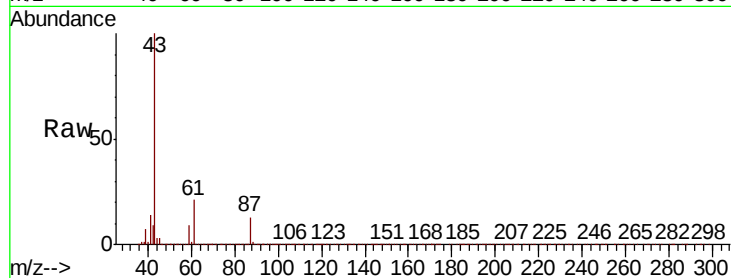
Tot Ion: 43 Resp: 842250

Ion Ratio Lower Upper

43 100

61 20.4 16.3 24.5

87 13.4 10.8 16.2



#44

Trichloroethene

Concen: 48.036 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VX013665.D

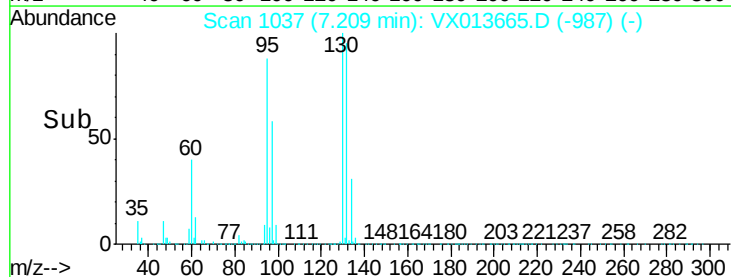
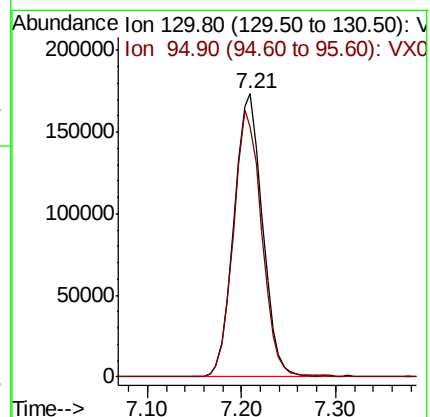
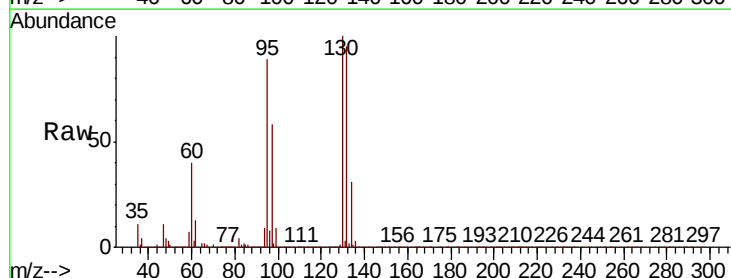
Acq: 27 Nov 2019 20:31

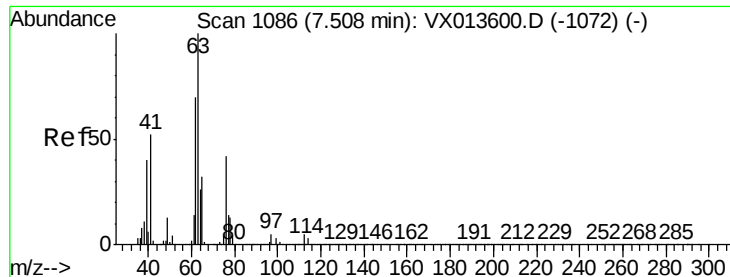
Tgt Ion: 130 Resp: 365188

Ion Ratio Lower Upper

130 100

95 88.4 0.0 190.8





#45

1,2-Dichloropropane

Concen: 51.106 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX013665.D

Acq: 27 Nov 2019 20:31

Instrument :

MSVOA_X

ClientSampleId :

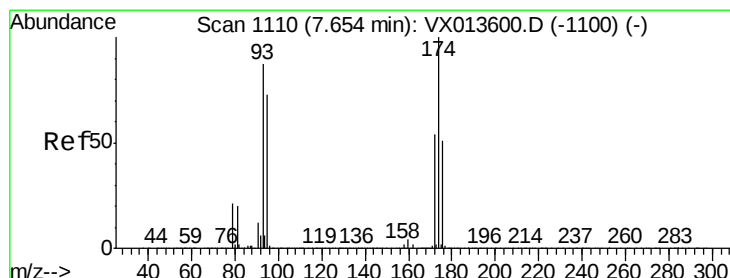
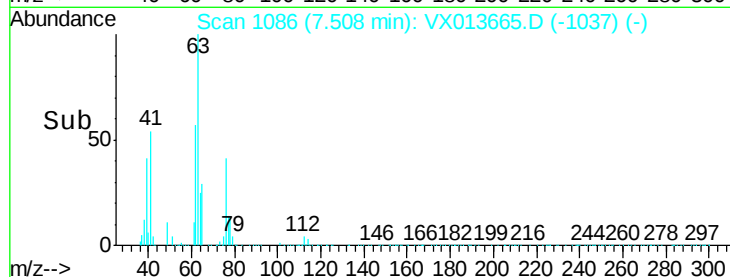
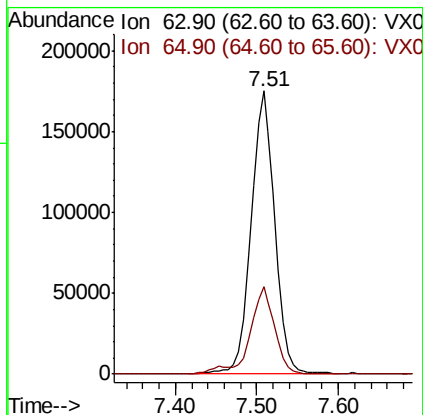
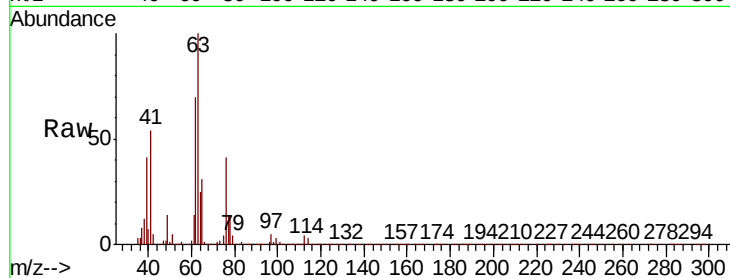
VSTDCCC050EC

Tot Ion: 63 Resp: 354199

Ion Ratio Lower Upper

63 100

65 31.0 25.5 38.3



#46

Dibromomethane

Concen: 48.887 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX013665.D

Acq: 27 Nov 2019 20:31

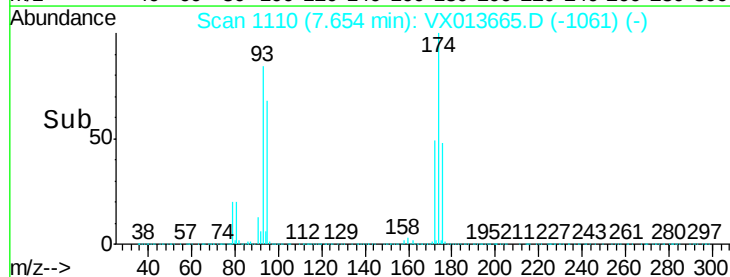
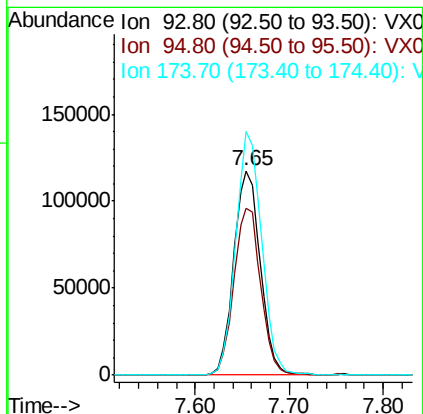
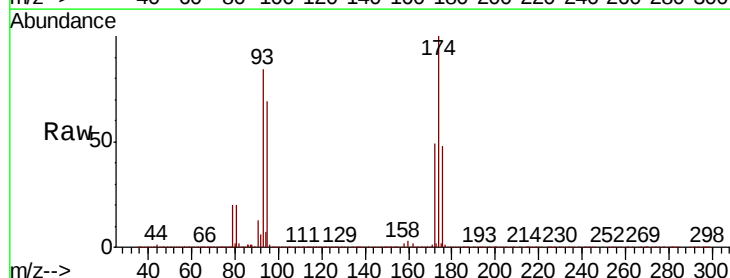
Tgt Ion: 93 Resp: 230118

Ion Ratio Lower Upper

93 100

95 83.1 66.2 99.2

174 116.6 93.4 140.0





#47

Bromodichloromethane

Concen: 50.141 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX013665.D

Acq: 27 Nov 2019 20:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

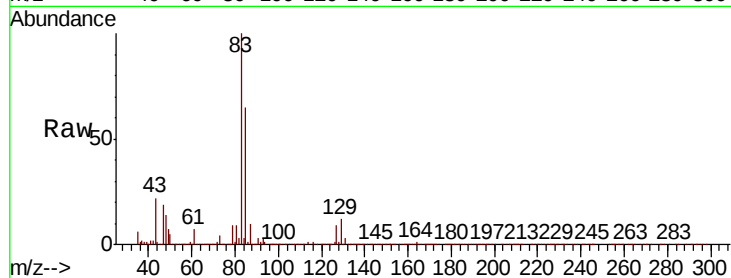
Tot Ion: 83 Resp: 446184

Ion Ratio Lower Upper

83 100

85 64.9 52.1 78.1

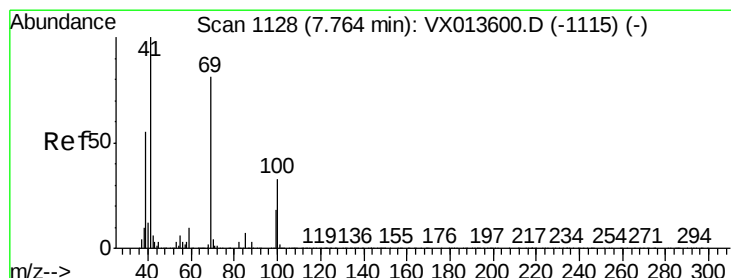
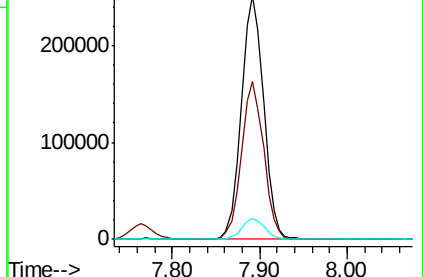
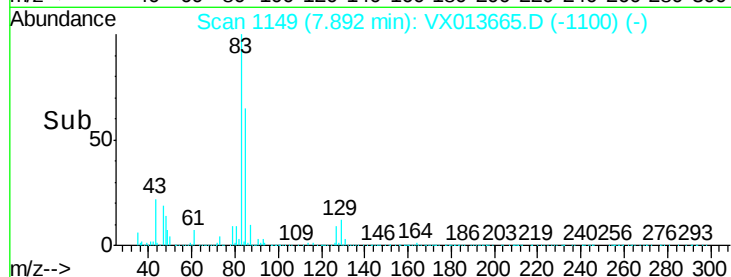
127 8.7 7.0 10.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 52.068 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX013665.D

Acq: 27 Nov 2019 20:31

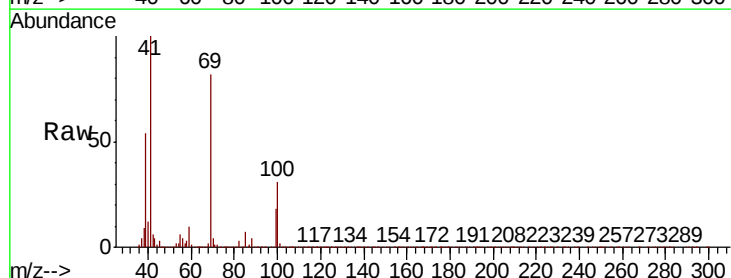
Tgt Ion: 41 Resp: 424964

Ion Ratio Lower Upper

41 100

69 83.2 64.7 97.1

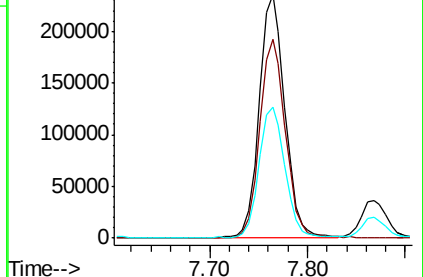
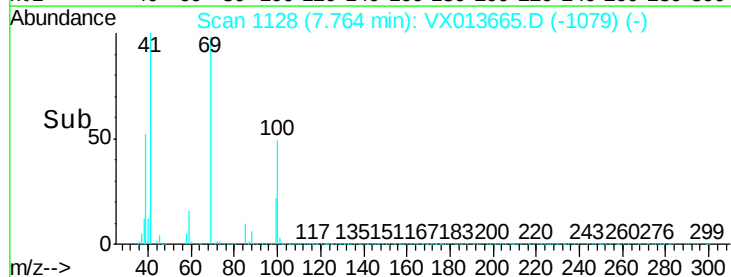
39 55.1 43.8 65.6

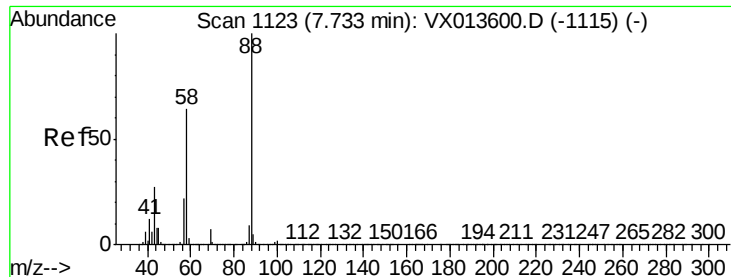


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 1007.073 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VX013665.D

Acq: 27 Nov 2019 20:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

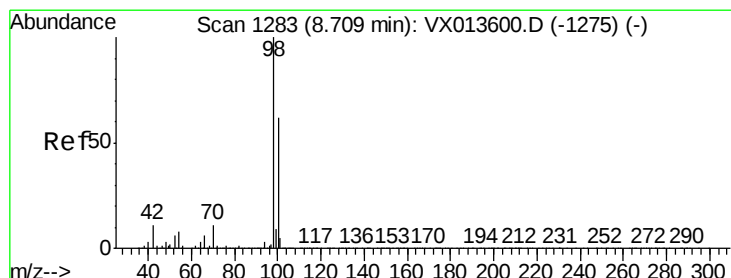
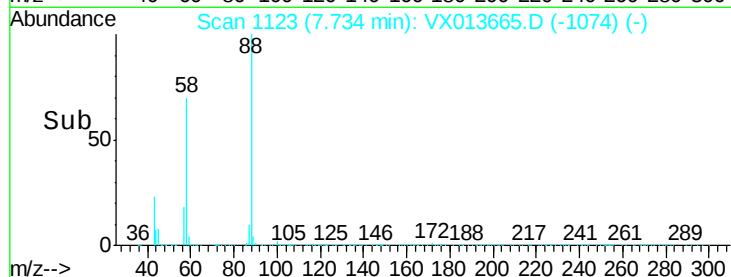
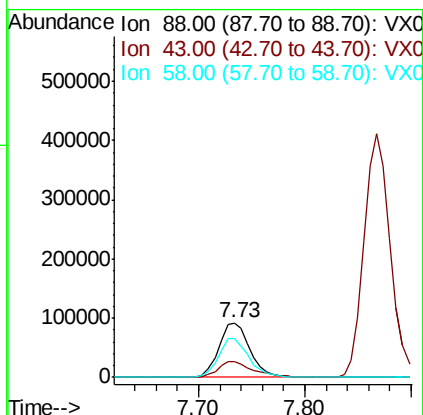
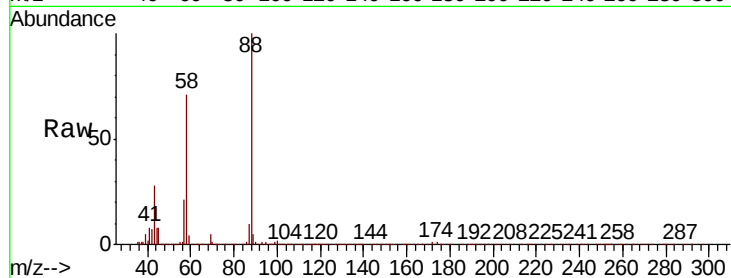
Tot Ion: 88 Resp: 183982

Ion Ratio Lower Upper

88 100

43 32.2 25.8 38.6

58 71.6 54.6 82.0



#50

Toluene-d8

Concen: 48.584 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX013665.D

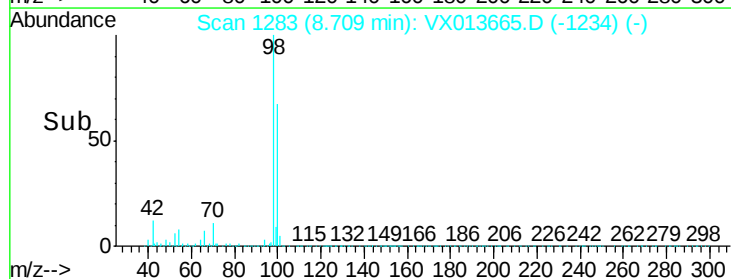
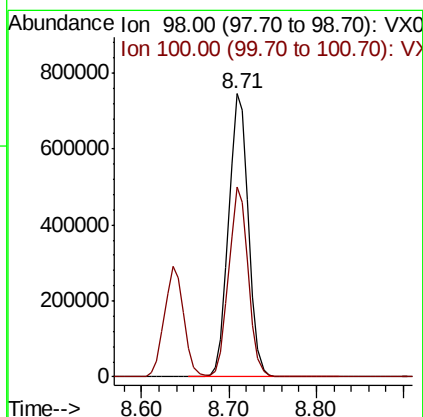
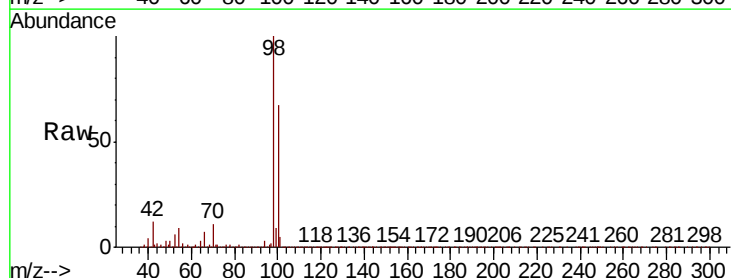
Acq: 27 Nov 2019 20:31

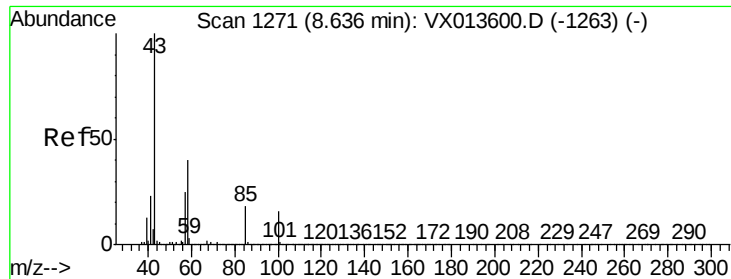
Tgt Ion: 98 Resp: 1172486

Ion Ratio Lower Upper

98 100

100 66.2 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 259.575 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX013665.D

Acq: 27 Nov 2019 20:31

Instrument :

MSVOA_X

ClientSampleId :

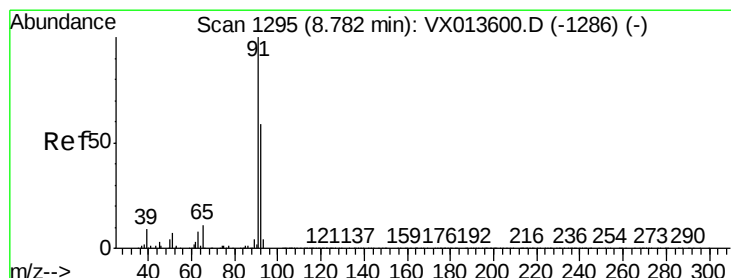
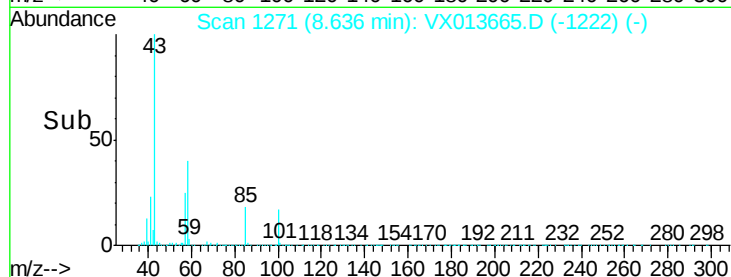
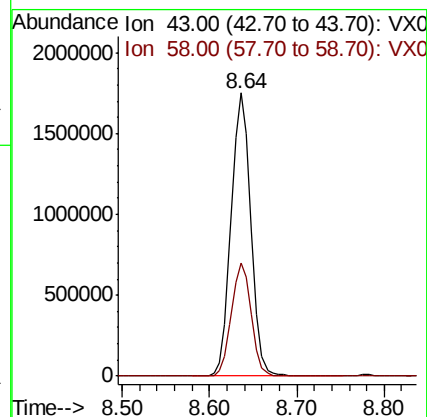
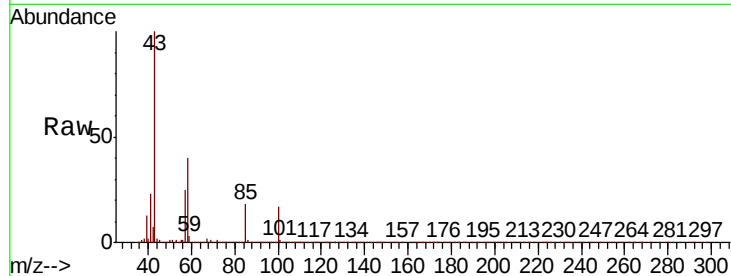
VSTDCCC050EC

Tot Ion: 43 Resp: 2742736

Ion Ratio Lower Upper

43 100

58 39.9 32.1 48.1



#52

Toluene

Concen: 49.389 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX013665.D

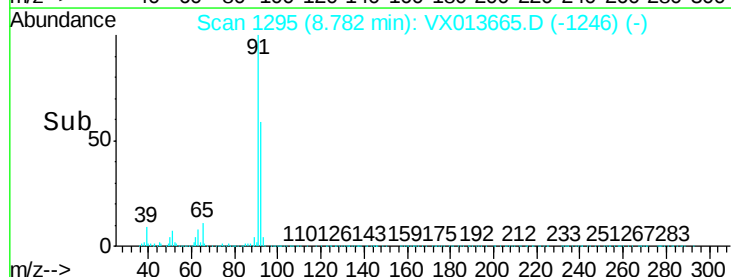
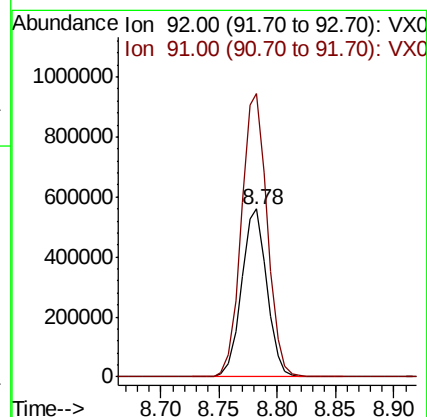
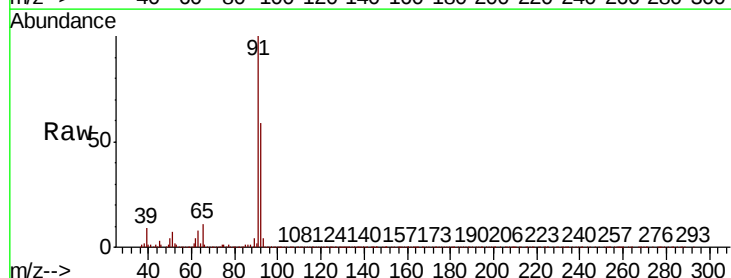
Acq: 27 Nov 2019 20:31

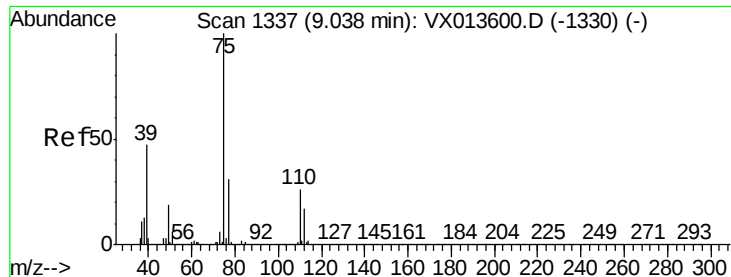
Tgt Ion: 92 Resp: 849919

Ion Ratio Lower Upper

92 100

91 172.3 136.2 204.2

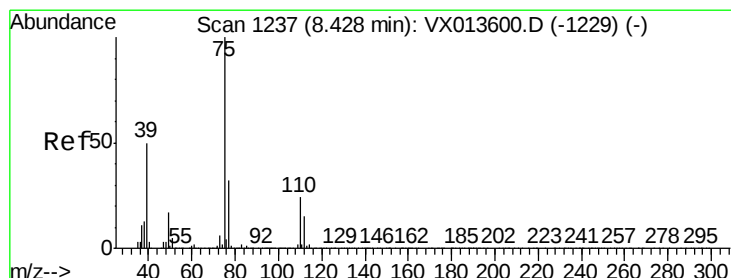
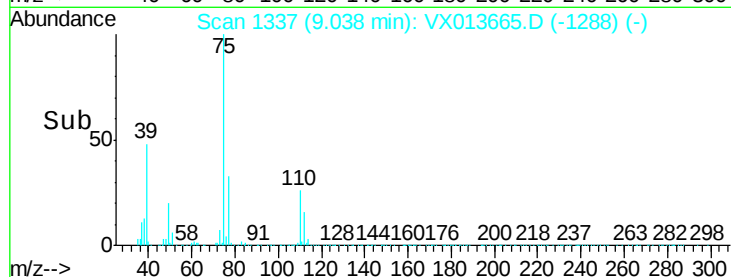
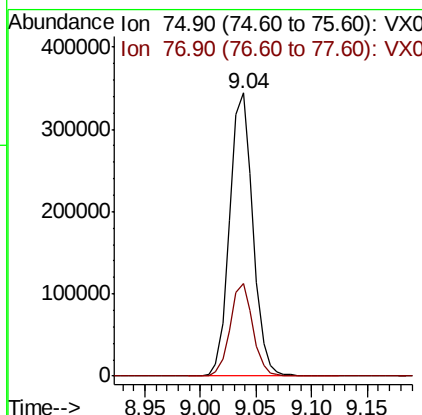
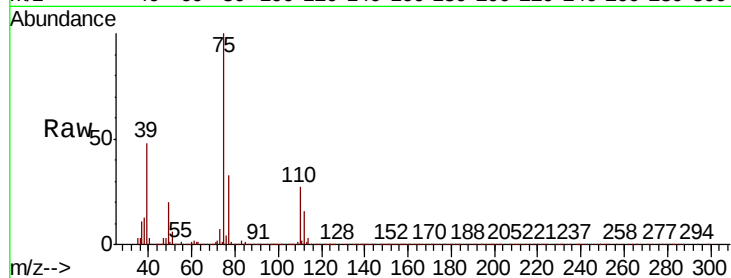




#53
 t-1,3-Dichloropropene
 Concen: 49.106 ug/l
 RT: 9.04 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: VX013665.D
 Acq: 27 Nov 2019 20:31

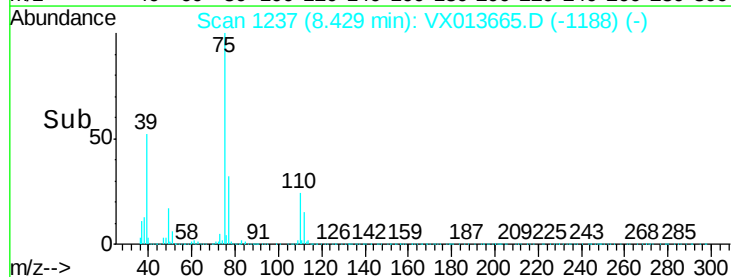
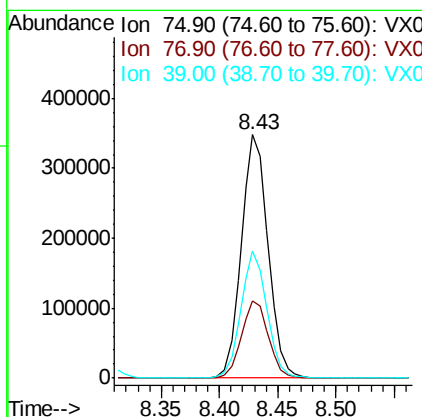
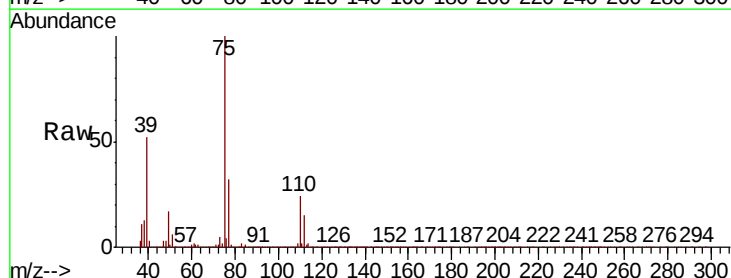
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

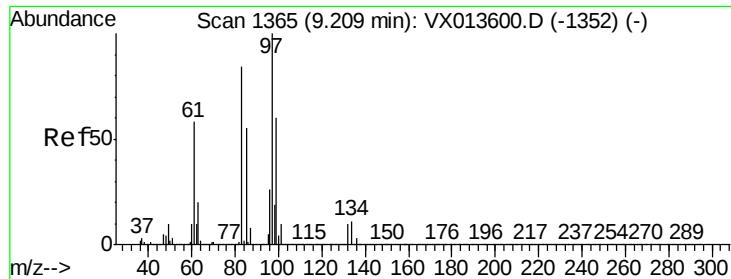
Tot Ion: 75 Resp: 497386
 Ion Ratio Lower Upper
 75 100
 77 32.6 24.4 36.6



#54
 cis-1,3-Dichloropropene
 Concen: 50.210 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: VX013665.D
 Acq: 27 Nov 2019 20:31

Tgt Ion: 75 Resp: 555619
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.8 38.6
 39 52.1 39.9 59.9

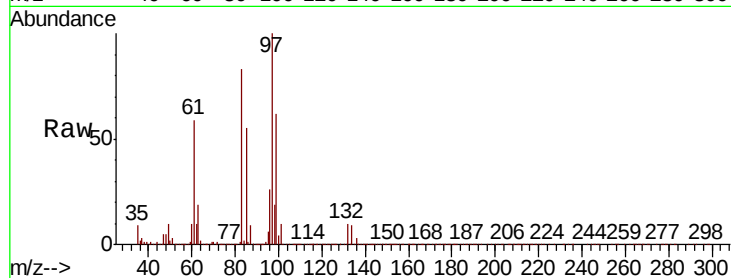




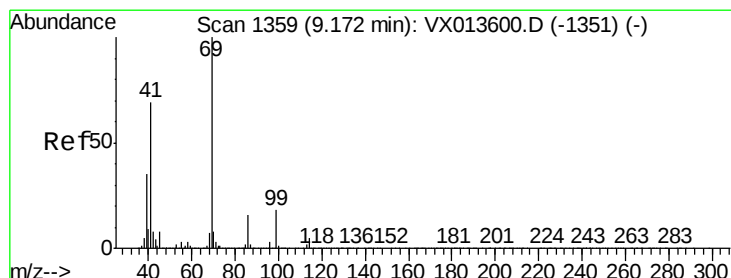
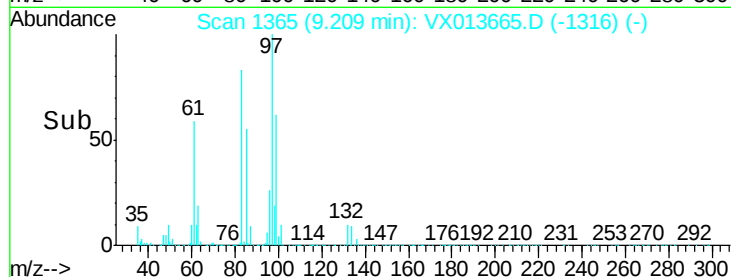
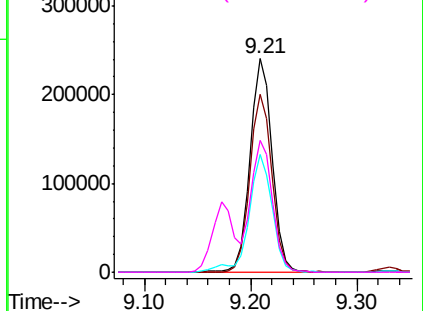
#55
 1,1,2-Trichloroethane
 Concen: 50.615 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX013665.D
 Acq: 27 Nov 2019 20:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	351005
Ion	Ratio	Lower	Upper
97	100		
83	83.3	67.3	100.9
85	55.1	43.6	65.4
99	61.7	48.2	72.4

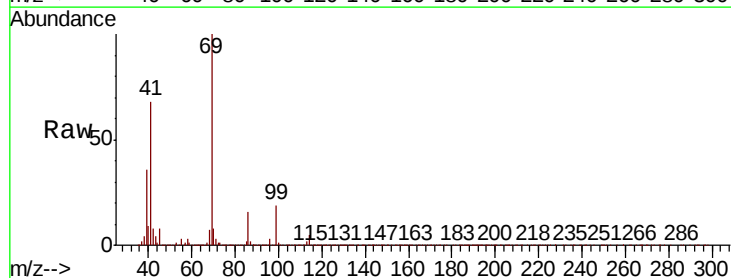


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

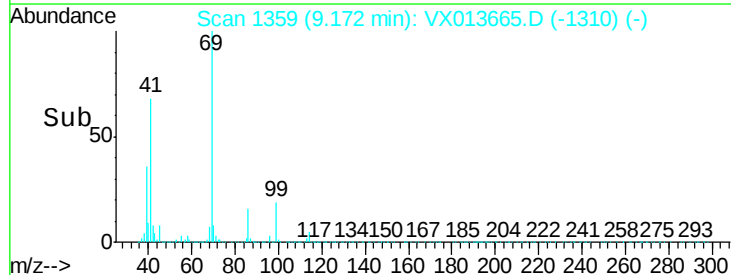
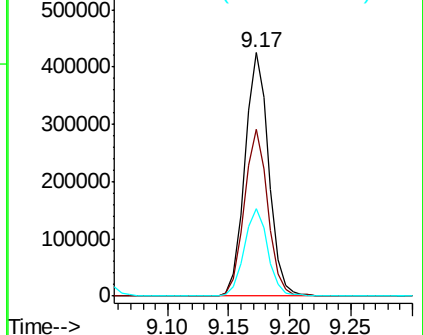


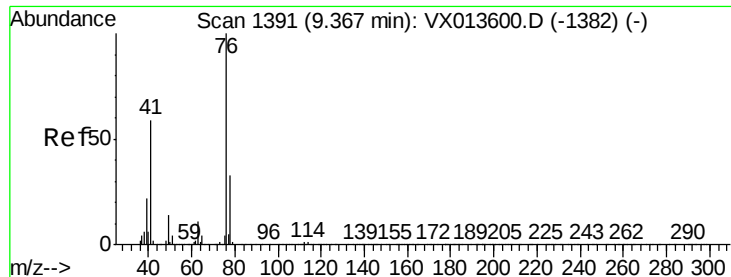
#56
 Ethyl methacrylate
 Concen: 51.462 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX013665.D
 Acq: 27 Nov 2019 20:31

Tgt Ion:	69	Resp:	573766
Ion	Ratio	Lower	Upper
69	100		
41	67.8	55.0	82.4
39	35.8	28.7	43.1



Abundance Ion 69.00 (68.70 to 69.70): VX0
 Ion 41.00 (40.70 to 41.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 49.201 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX013665.D

Acq: 27 Nov 2019 20:31

Instrument :

MSVOA_X

ClientSampleId :

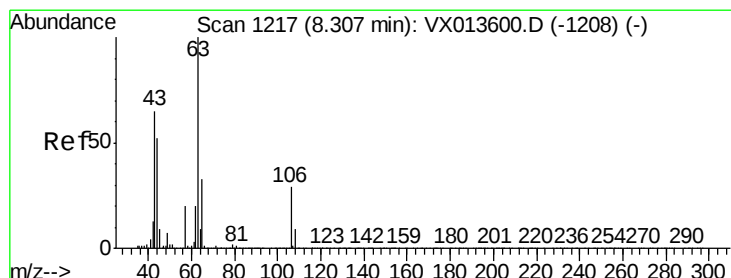
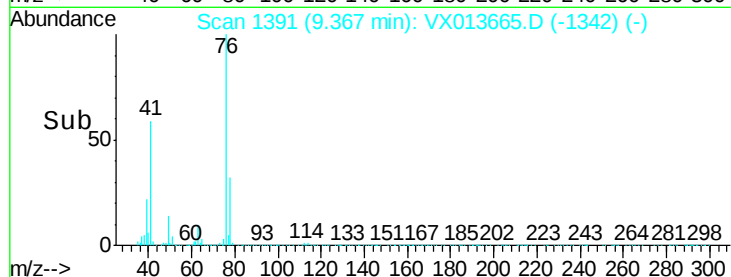
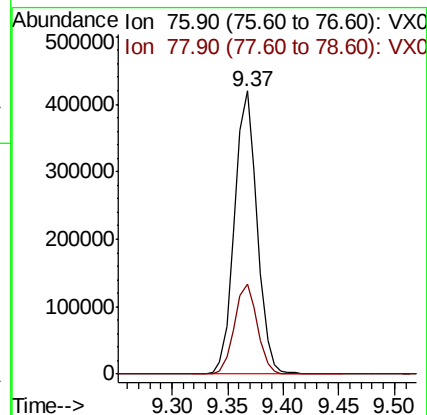
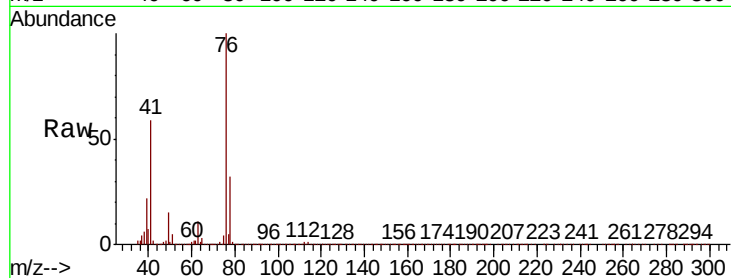
VSTDCCC050EC

Tot Ion: 76 Resp: 588117

Ion Ratio Lower Upper

76 100

78 32.3 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 255.251 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX013665.D

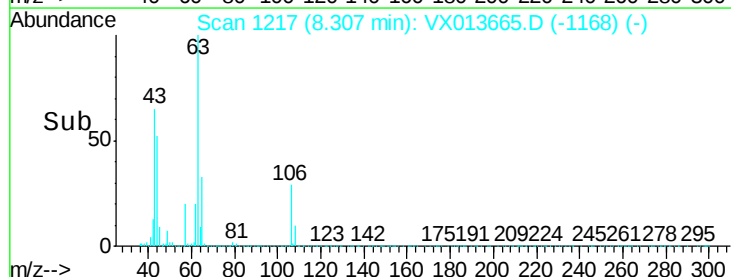
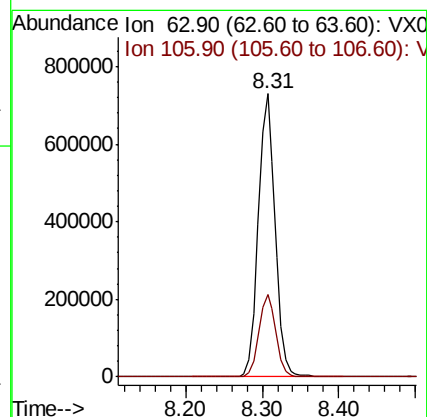
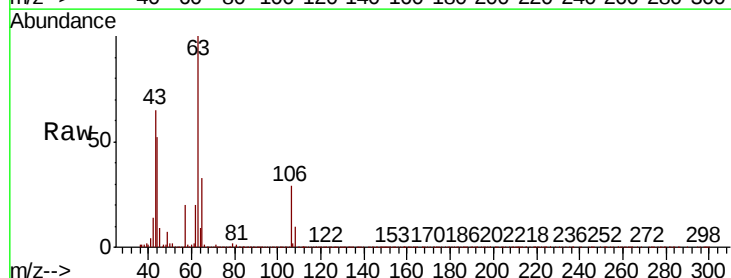
Acq: 27 Nov 2019 20:31

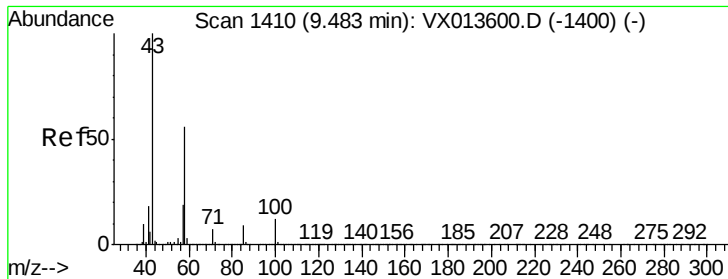
Tgt Ion: 63 Resp: 1115801

Ion Ratio Lower Upper

63 100

106 29.3 23.4 35.0

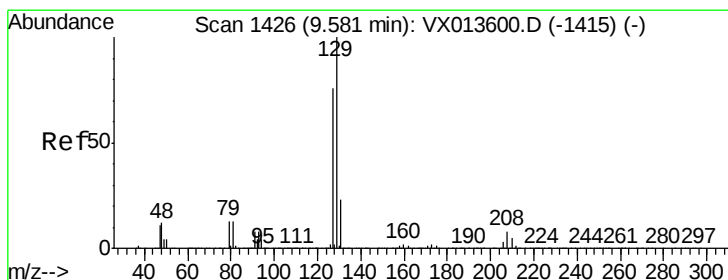
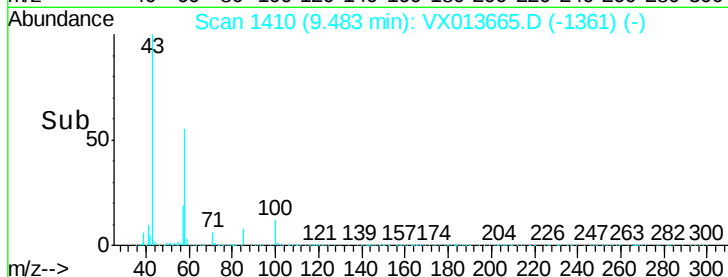
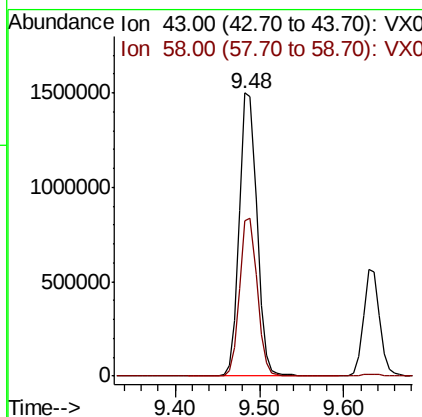
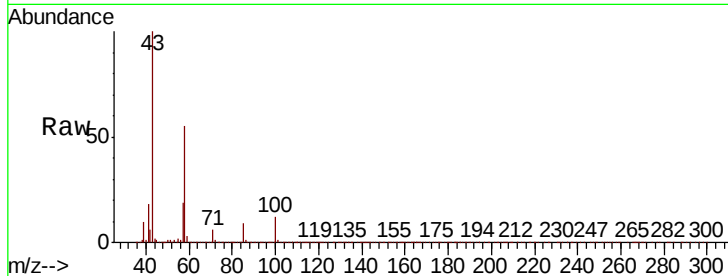




#59
2-Hexanone
Concen: 254.816 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX013665.D
Acq: 27 Nov 2019 20:31

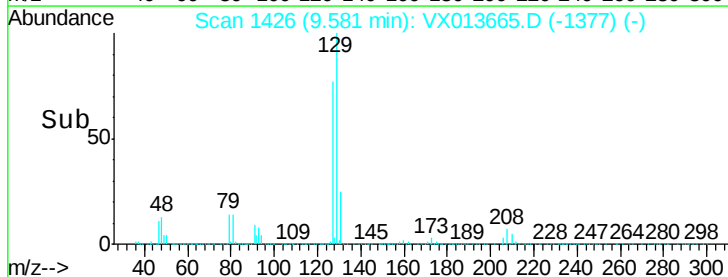
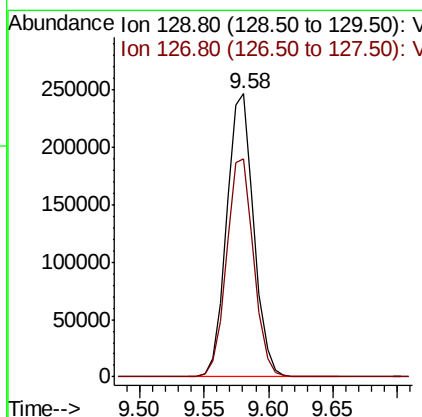
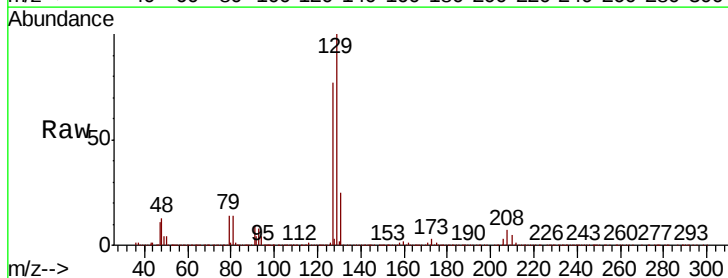
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 2099907
Ion Ratio Lower Upper
43 100
58 55.4 28.1 84.4



#60
Dibromochloromethane
Concen: 50.458 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. 0.00 min
Lab File: VX013665.D
Acq: 27 Nov 2019 20:31

Tgt Ion: 129 Resp: 363143
Ion Ratio Lower Upper
129 100
127 77.7 38.5 115.5





#61

1,2-Dibromoethane

Concen: 49.293 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX013665.D

Acq: 27 Nov 2019 20:31

Instrument :

MSVOA_X

ClientSampleId :

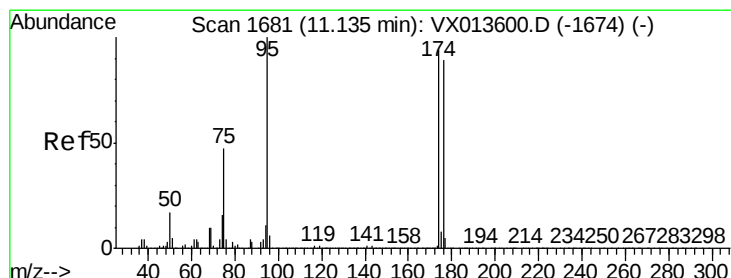
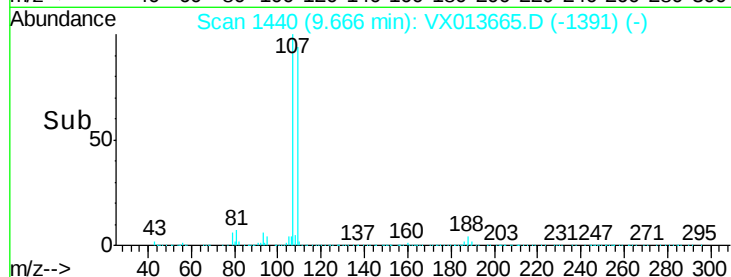
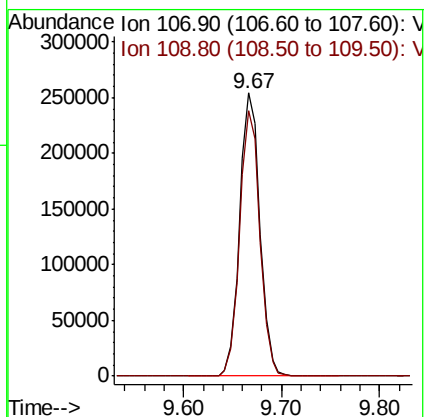
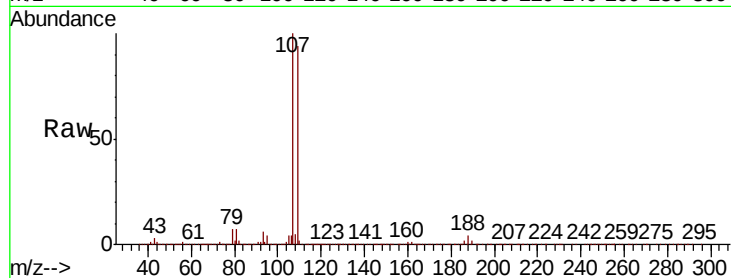
VSTDCCC050EC

Tot Ion:107 Resp: 365095

Ion Ratio Lower Upper

107 100

109 93.3 76.1 114.1



#62

4-Bromofluorobenzene

Concen: 48.234 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX013665.D

Acq: 27 Nov 2019 20:31

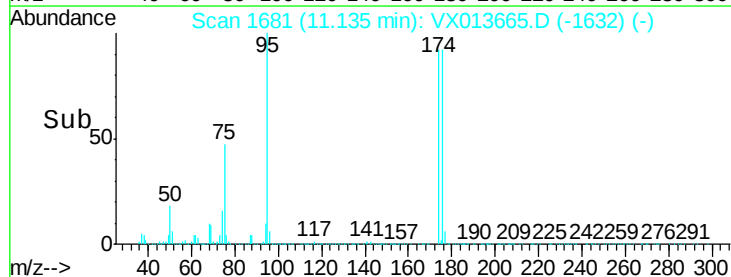
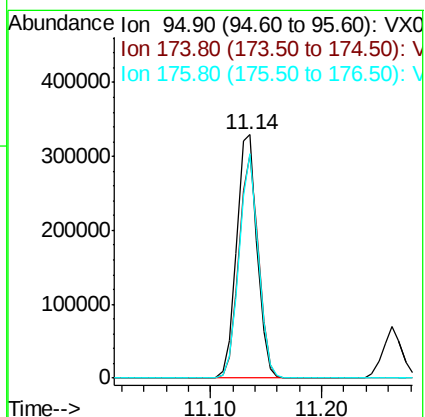
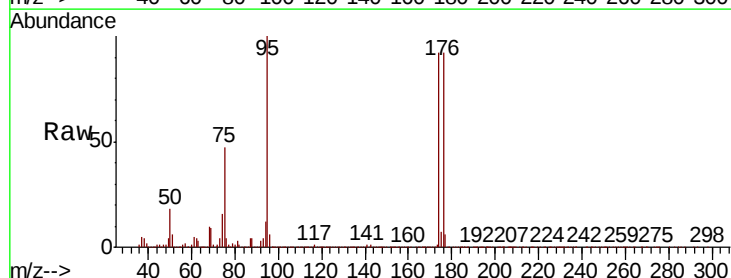
Tgt Ion: 95 Resp: 419749

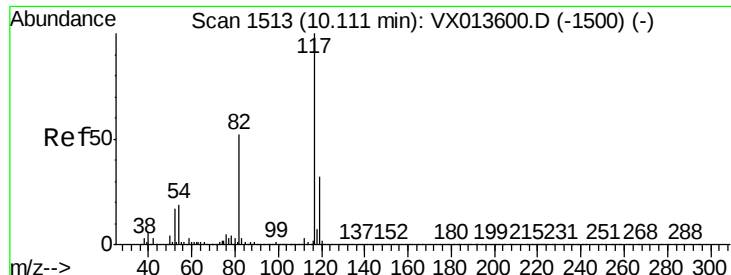
Ion Ratio Lower Upper

95 100

174 88.3 0.0 180.0

176 86.8 0.0 173.6

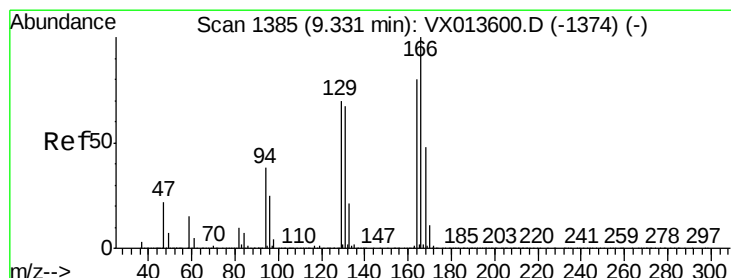
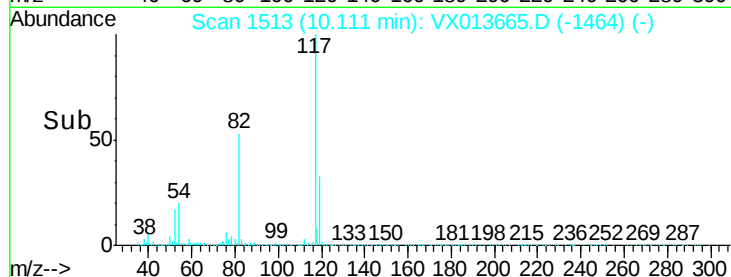
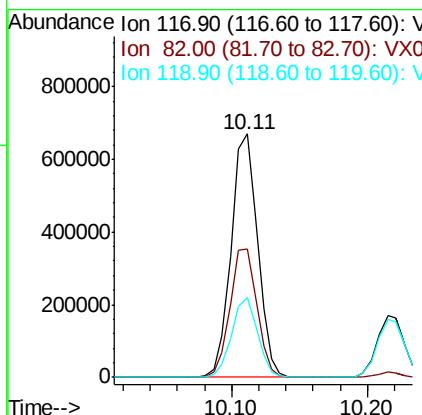
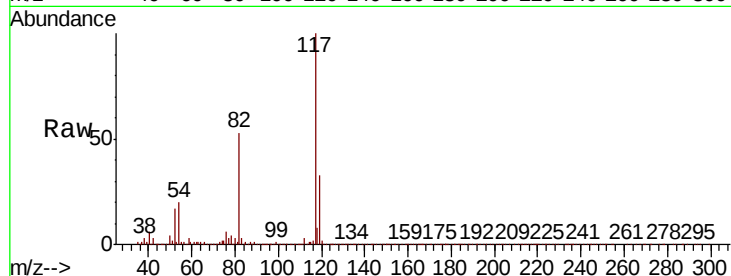




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX013665.D
Acq: 27 Nov 2019 20:31

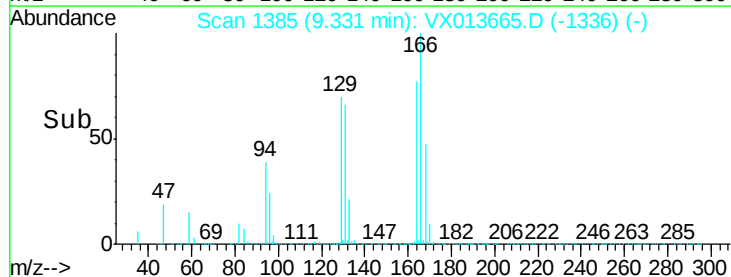
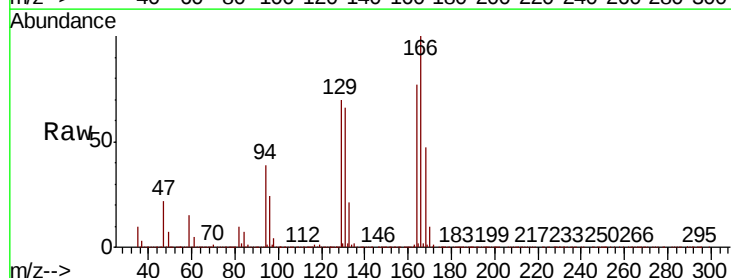
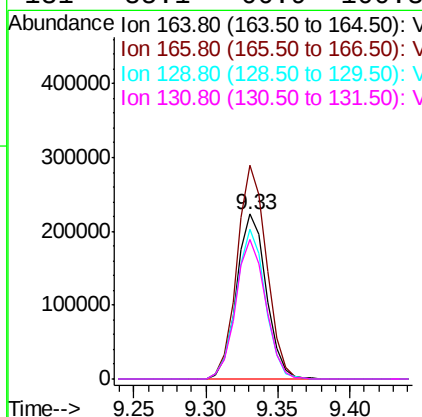
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

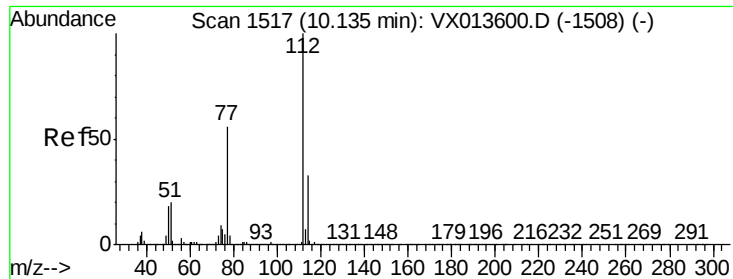
Tot Ion	Ratio	Lower	Upper
117	100		
82	52.8	41.8	62.8
119	32.9	25.8	38.8



#64
Tetrachloroethene
Concen: 47.408 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX013665.D
Acq: 27 Nov 2019 20:31

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.8	99.7	149.5
129	90.9	70.1	105.1
131	85.1	66.9	100.3

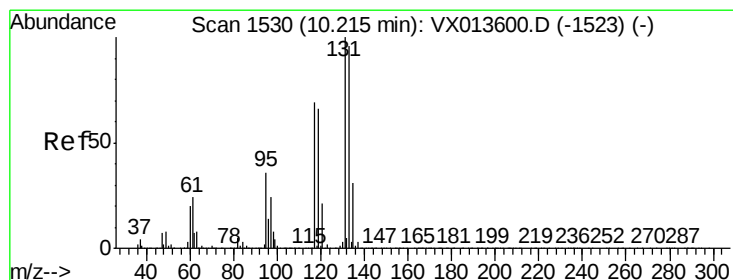
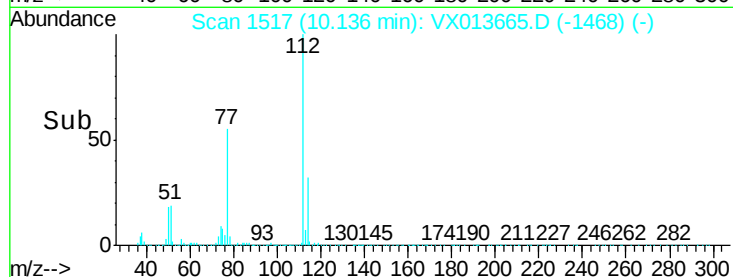
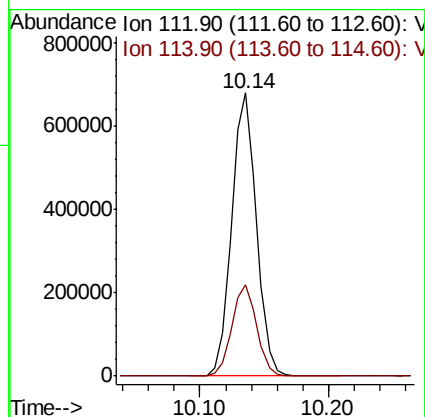
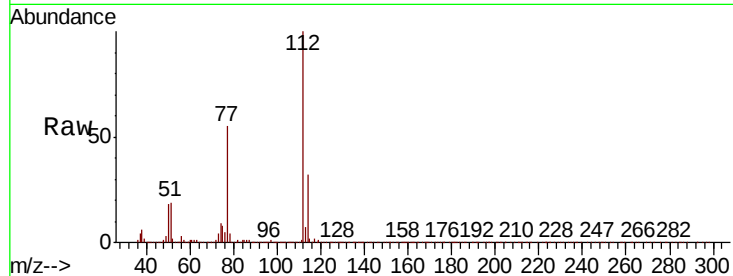




#65
Chlorobenzene
Concen: 48.491 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX013665.D
Acq: 27 Nov 2019 20:31

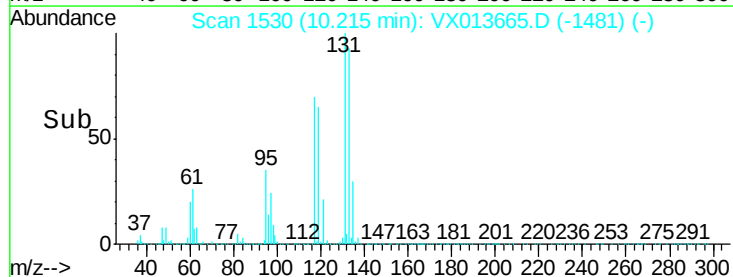
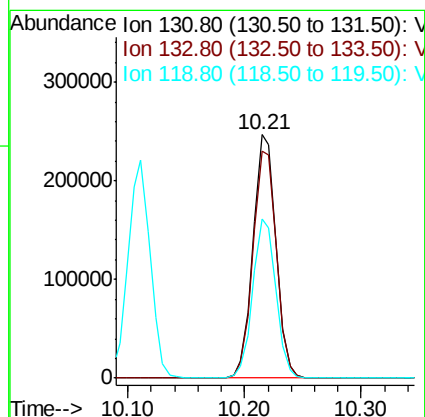
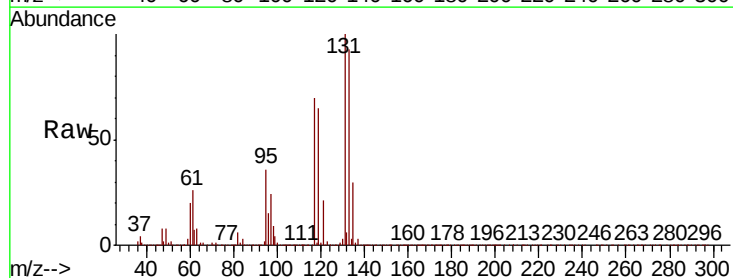
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

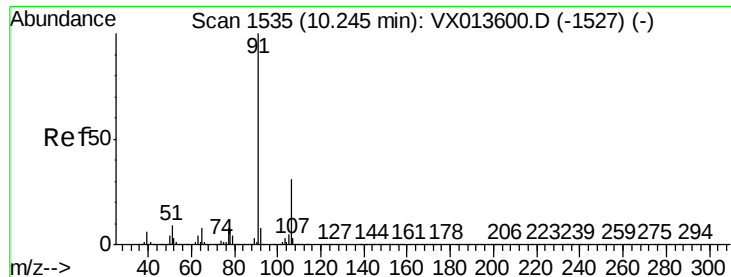
Tot Ion:112 Resp: 911934
Ion Ratio Lower Upper
112 100
114 32.4 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 50.339 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX013665.D
Acq: 27 Nov 2019 20:31

Tgt Ion:131 Resp: 339952
Ion Ratio Lower Upper
131 100
133 95.7 47.7 143.1
119 65.7 32.9 98.6

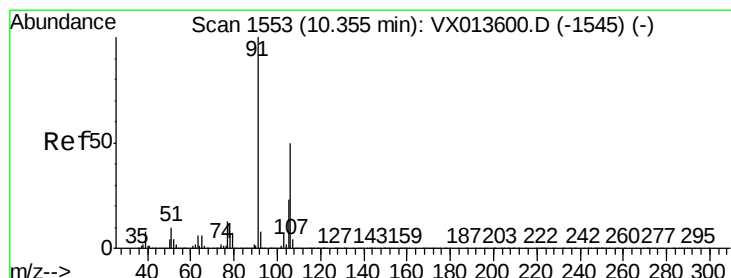
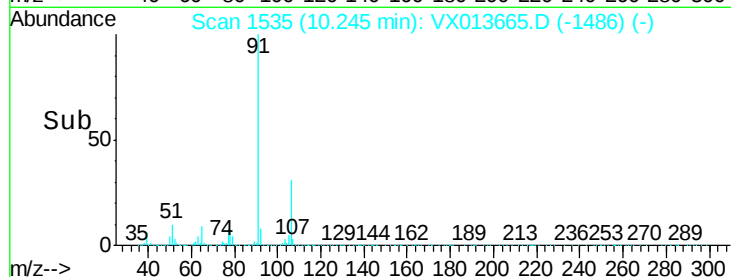
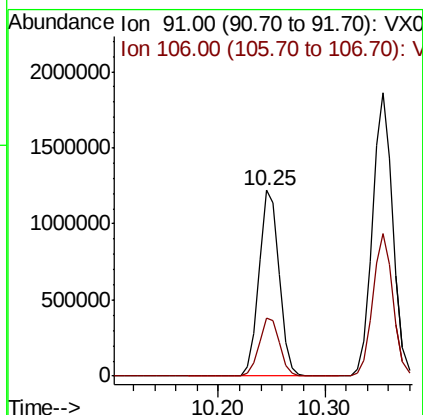
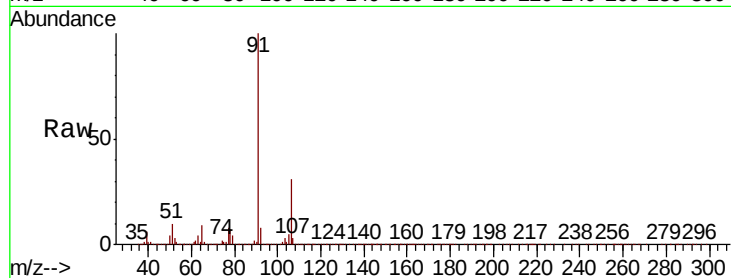




#67
Ethyl Benzene
Concen: 50.322 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX013665.D
Acq: 27 Nov 2019 20:31

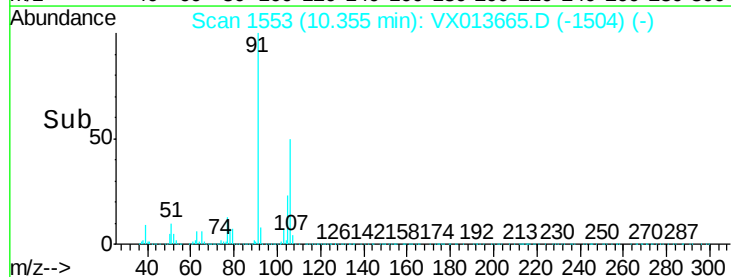
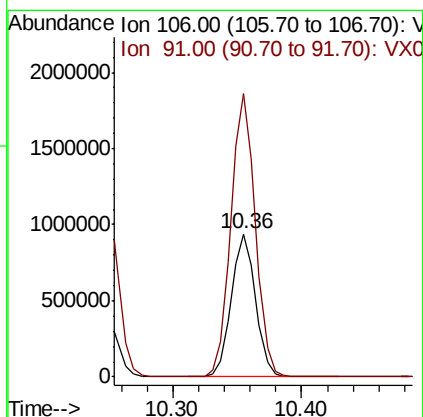
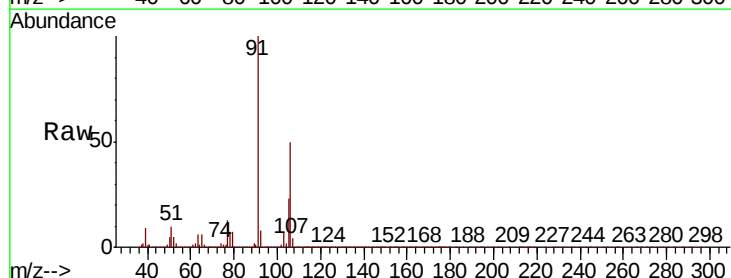
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

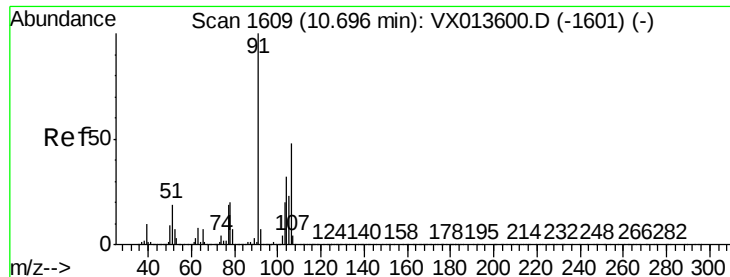
Tot Ion: 91 Resp: 1626246
Ion Ratio Lower Upper
91 100
106 31.1 24.5 36.7



#68
m/p-Xylenes
Concen: 99.768 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX013665.D
Acq: 27 Nov 2019 20:31

Tgt Ion: 106 Resp: 1234393
Ion Ratio Lower Upper
106 100
91 199.7 159.0 238.4

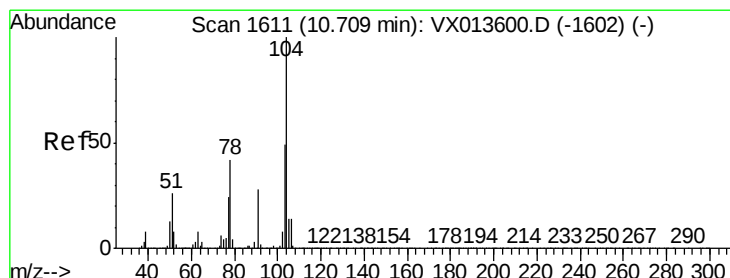
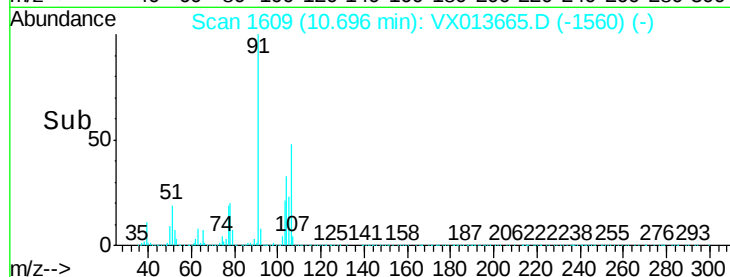
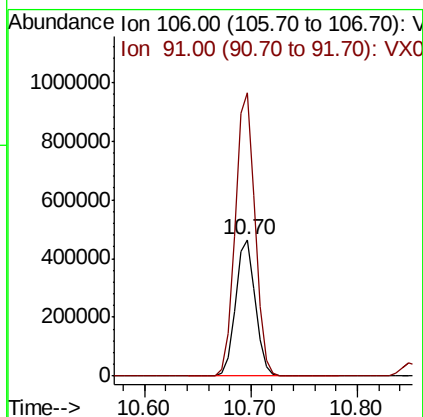
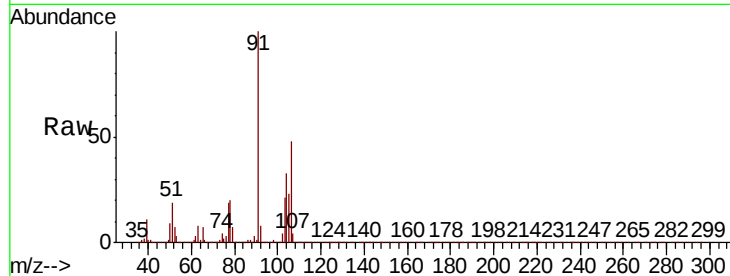




#69
o-Xylene
Concen: 49.766 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX013665.D
Acq: 27 Nov 2019 20:31

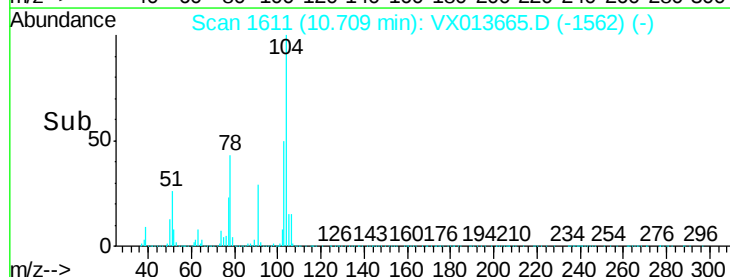
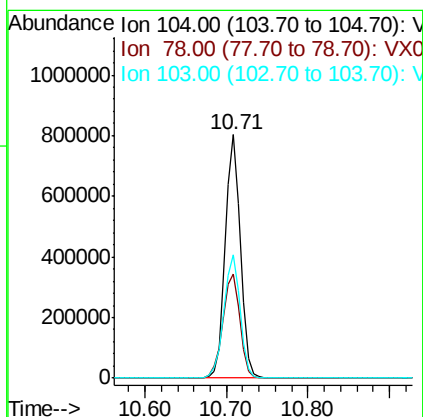
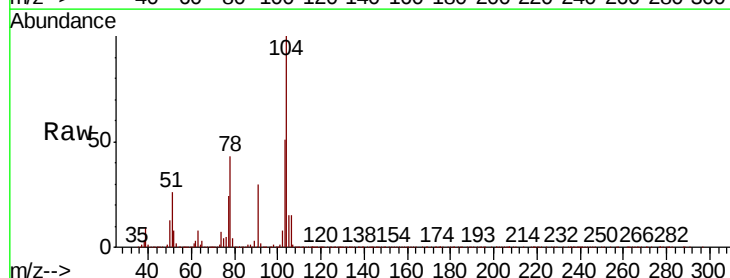
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

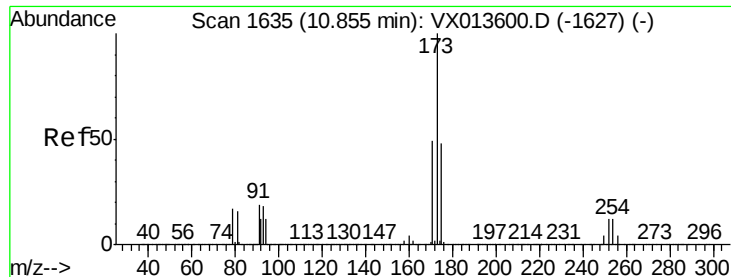
Tot Ion:106 Resp: 600529
Ion Ratio Lower Upper
106 100
91 208.9 104.1 312.2



#70
Styrene
Concen: 50.567 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX013665.D
Acq: 27 Nov 2019 20:31

Tgt Ion:104 Resp: 1026435
Ion Ratio Lower Upper
104 100
78 48.4 38.5 57.7
103 54.6 43.7 65.5





#71

Bromoform

Concen: 49.976 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX013665.D

Acq: 27 Nov 2019 20:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

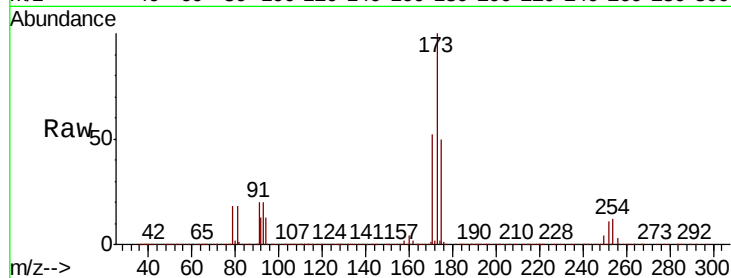
Tot Ion:173 Resp: 279254

Ion Ratio Lower Upper

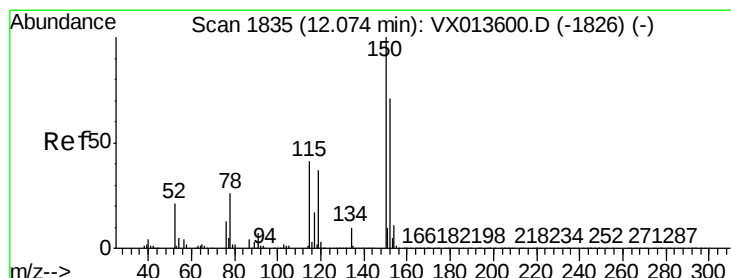
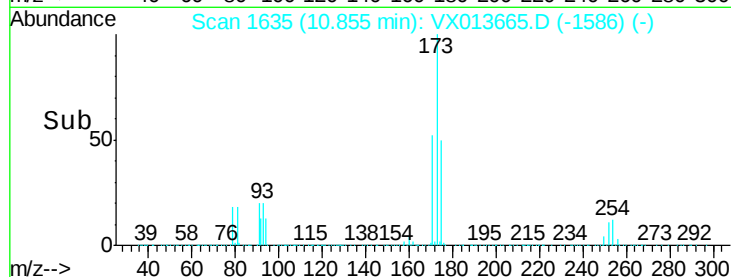
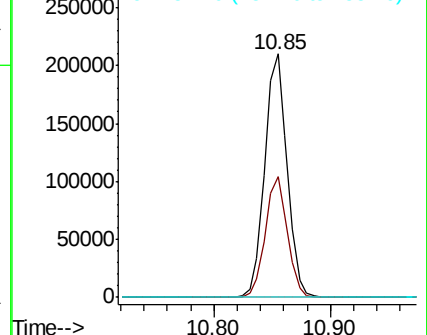
173 100

175 49.2 24.3 72.8

254 0.3 0.2 0.4



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX013665.D

Acq: 27 Nov 2019 20:31

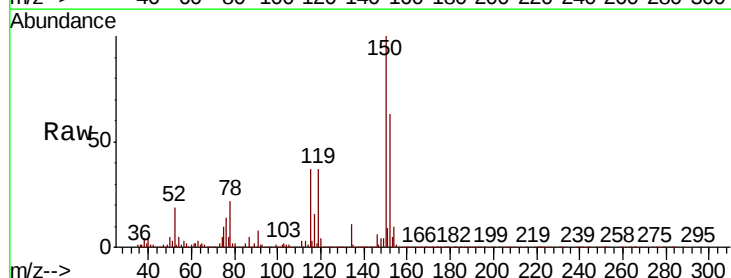
Tgt Ion:152 Resp: 453633

Ion Ratio Lower Upper

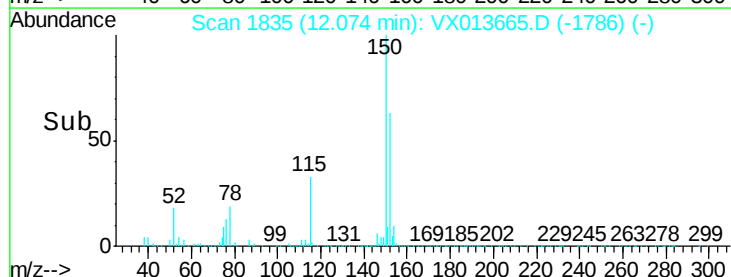
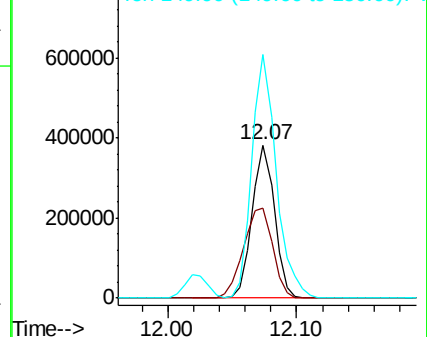
152 100

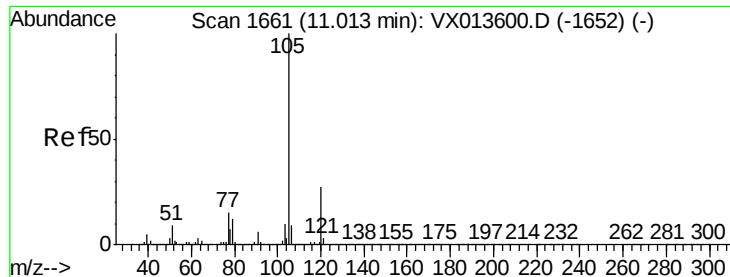
115 77.7 38.4 115.1

150 174.8 0.0 346.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

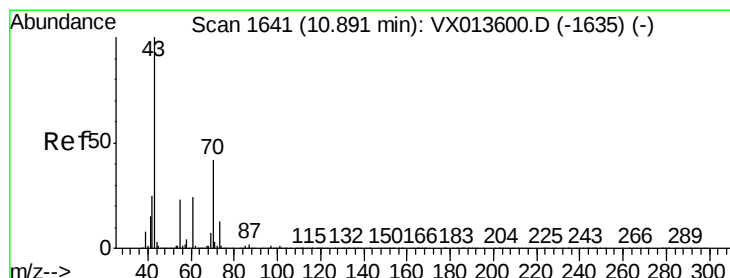
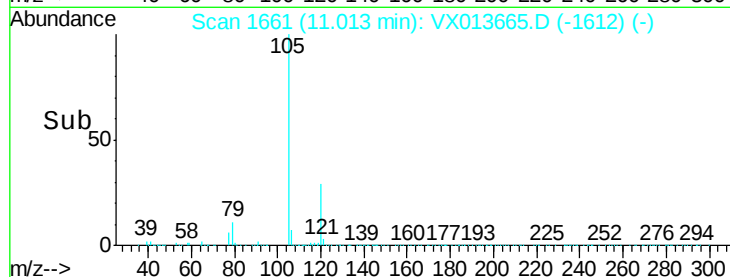
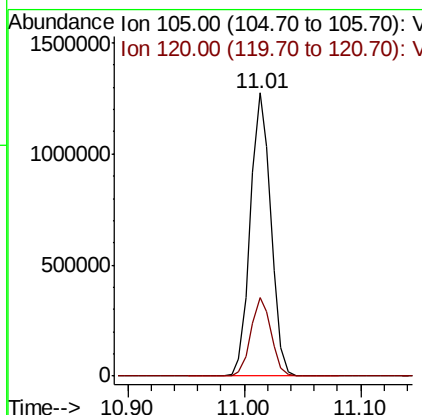
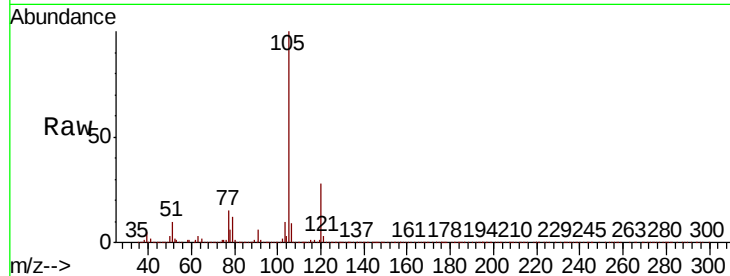




#73
Isopropylbenzene
Concen: 49.403 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX013665.D
Acq: 27 Nov 2019 20:31

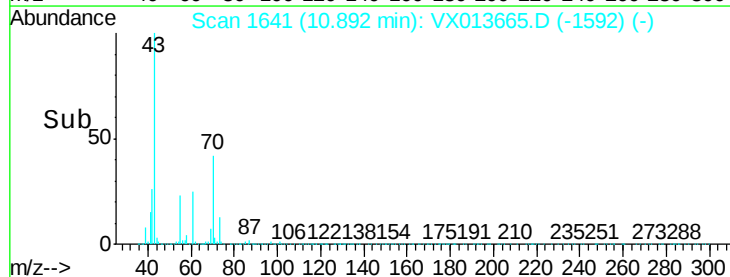
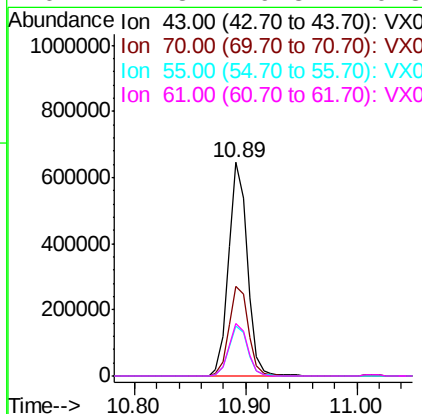
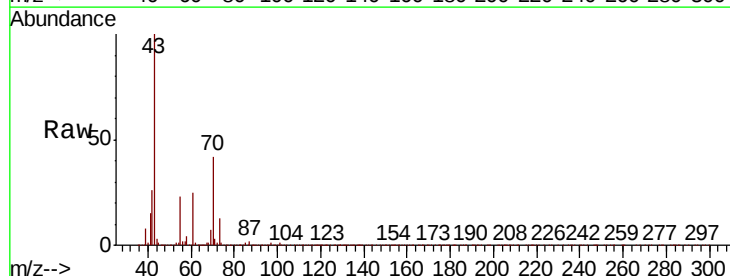
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

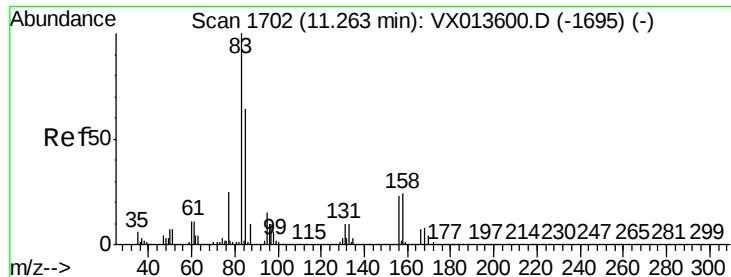
Tot Ion:105 Resp: 1572029
Ion Ratio Lower Upper
105 100
120 27.5 13.5 40.5



#74
N-ethyl acetate
Concen: 51.476 ug/l
RT: 10.89 min Scan# 1641
Delta R.T. 0.00 min
Lab File: VX013665.D
Acq: 27 Nov 2019 20:31

Tgt Ion: 43 Resp: 750344
Ion Ratio Lower Upper
43 100
70 43.4 34.3 51.5
55 23.7 18.5 27.7
61 24.8 19.8 29.8





#75

1,1,2,2-Tetrachloroethane

Concen: 50.692 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX013665.D

Acq: 27 Nov 2019 20:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

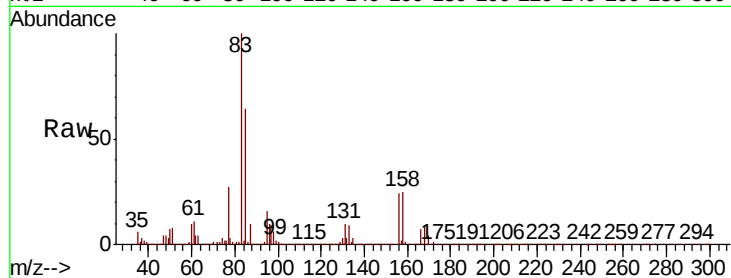
Tot Ion: 83 Resp: 559401

Ion Ratio Lower Upper

83 100

131 9.8 5.1 15.3

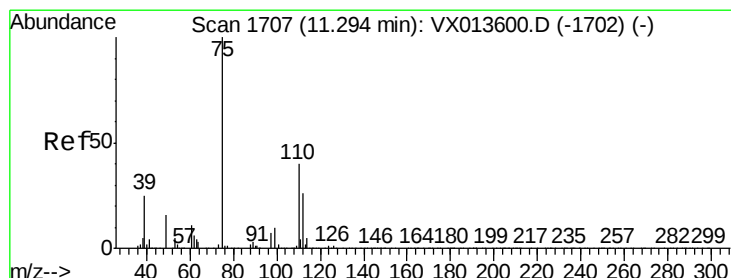
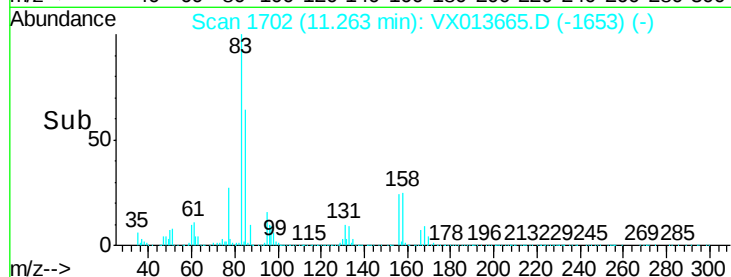
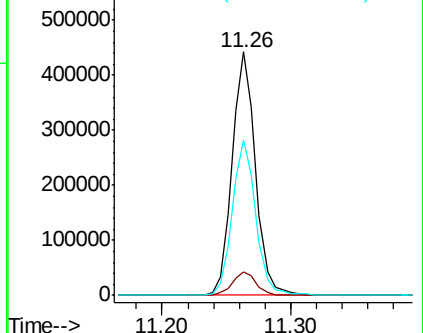
85 64.2 31.8 95.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 61.332 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX013665.D

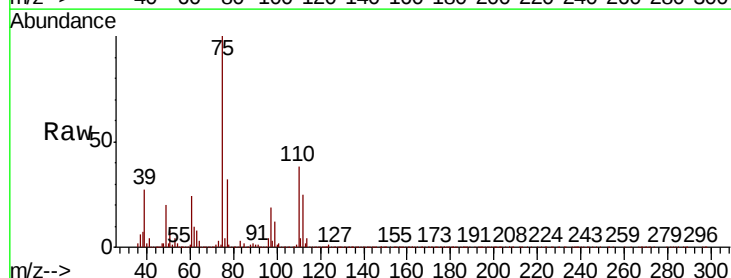
Acq: 27 Nov 2019 20:31

Tgt Ion: 75 Resp: 625774

Ion Ratio Lower Upper

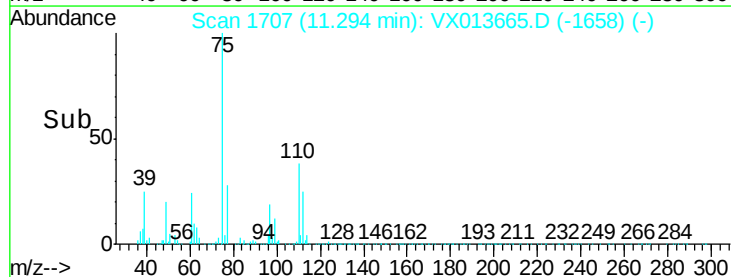
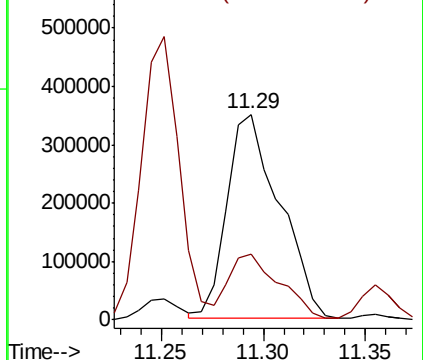
75 100

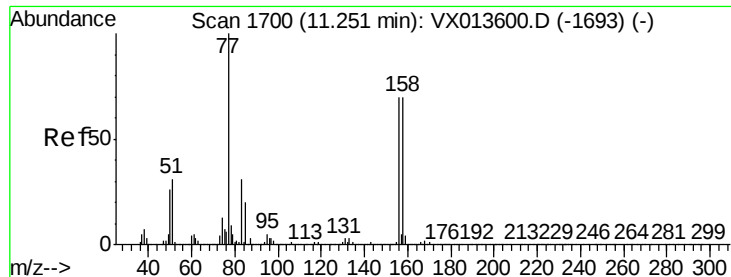
77 31.1 19.1 57.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 48.203 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX013665.D

Acq: 27 Nov 2019 20:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

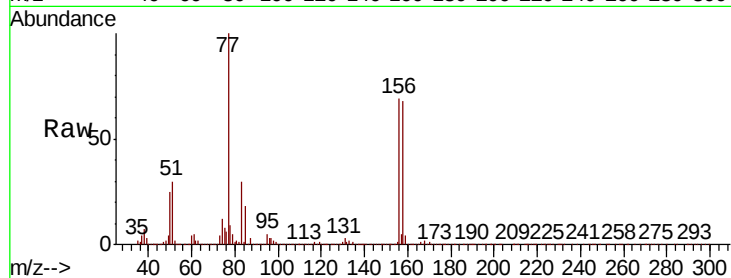
Tot Ion:156 Resp: 414373

Ion Ratio Lower Upper

156 100

77 151.2 74.4 223.1

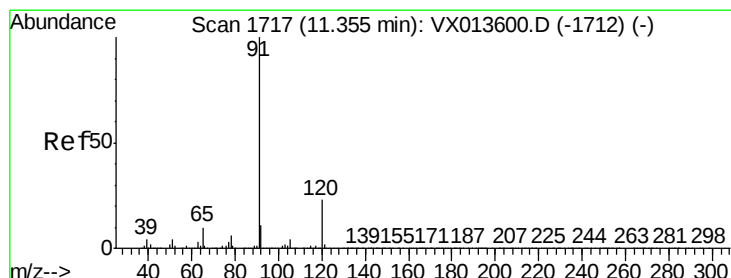
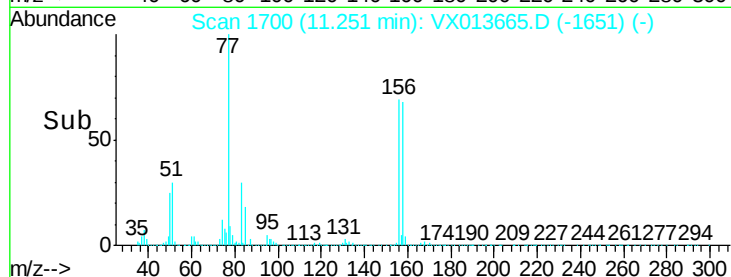
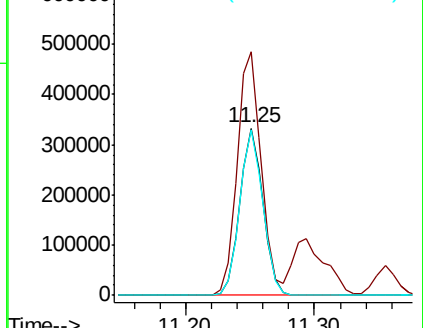
158 98.8 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 49.860 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX013665.D

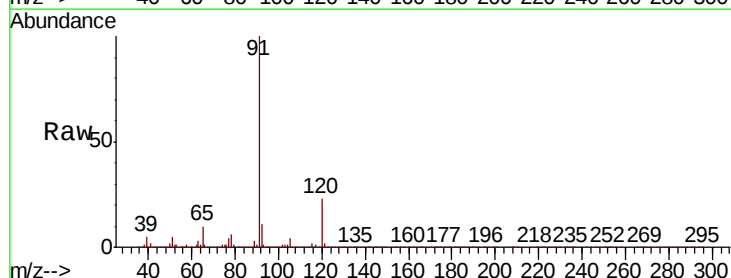
Acq: 27 Nov 2019 20:31

Tgt Ion: 91 Resp: 1771102

Ion Ratio Lower Upper

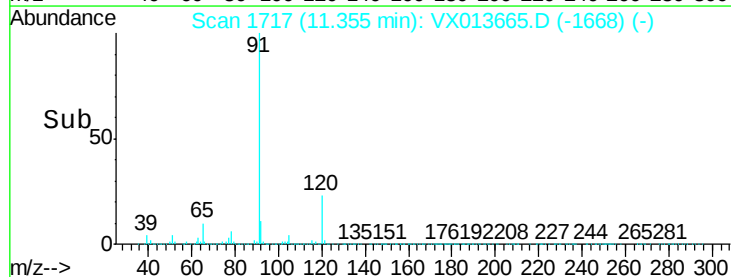
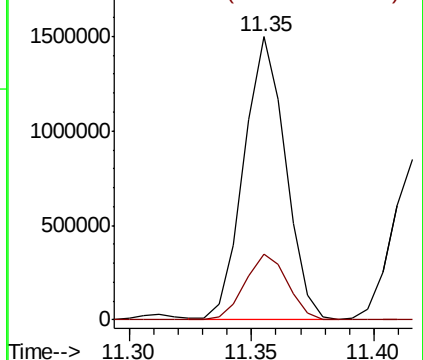
91 100

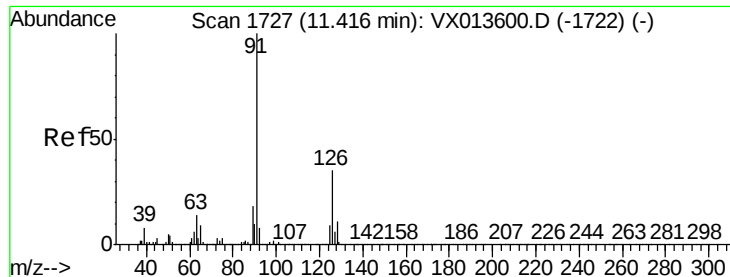
120 23.8 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.428 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX013665.D

Acq: 27 Nov 2019 20:31

Instrument :

MSVOA_X

ClientSampleId :

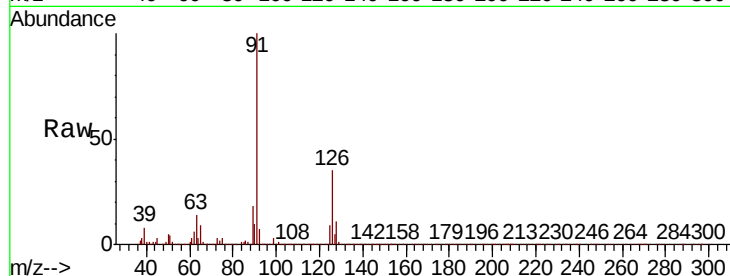
VSTDCCC050EC

Tot Ion: 91 Resp: 1053226

Ion Ratio Lower Upper

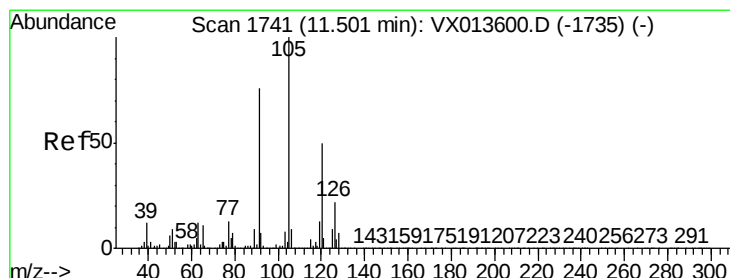
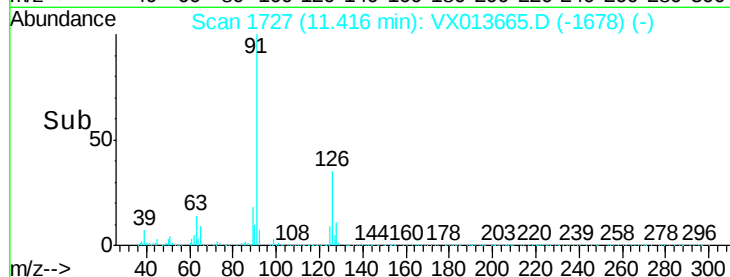
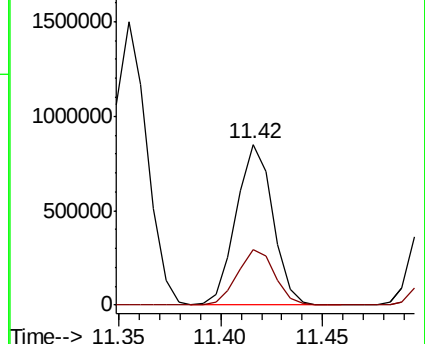
91 100

126 35.1 17.5 52.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 50.636 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX013665.D

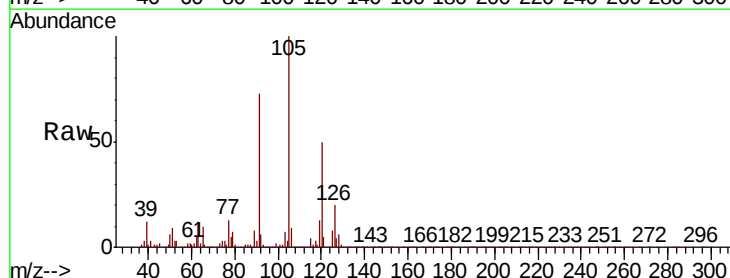
Acq: 27 Nov 2019 20:31

Tgt Ion: 105 Resp: 1320579

Ion Ratio Lower Upper

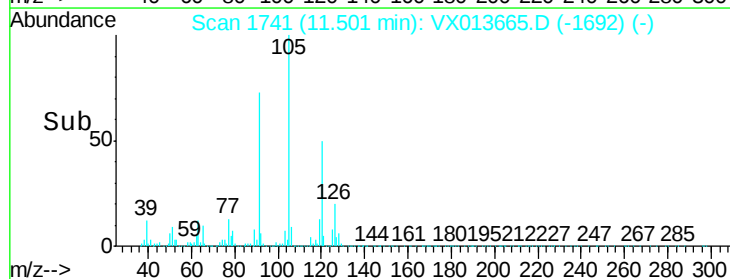
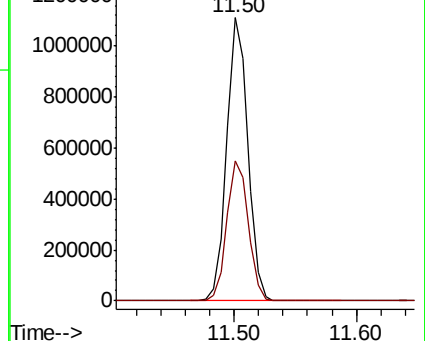
105 100

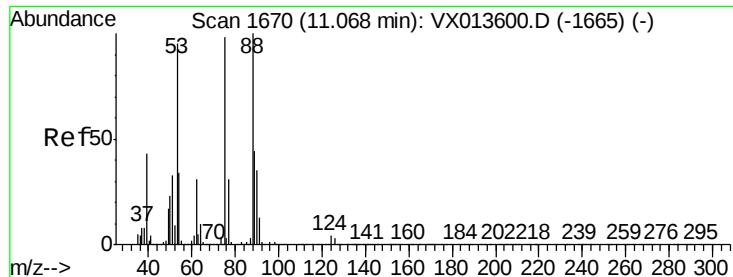
120 50.5 25.3 75.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

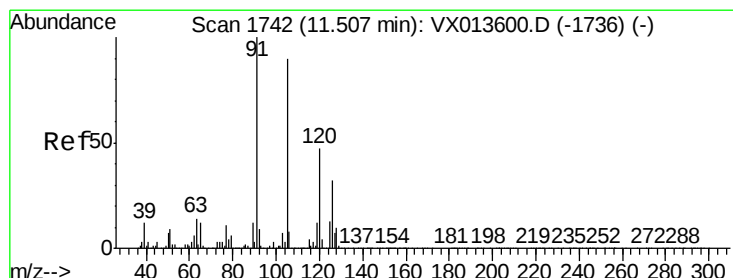
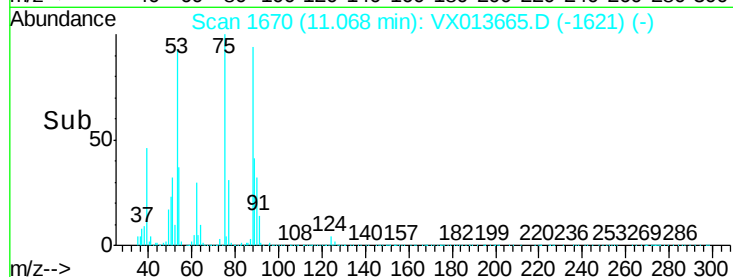
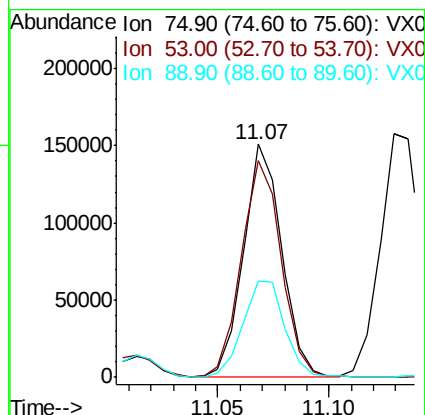
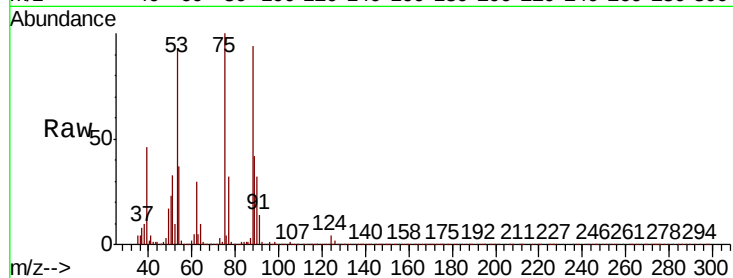




#81
trans-1,4-Dichloro-2-butene
Concen: 48.473 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX013665.D
Acq: 27 Nov 2019 20:31

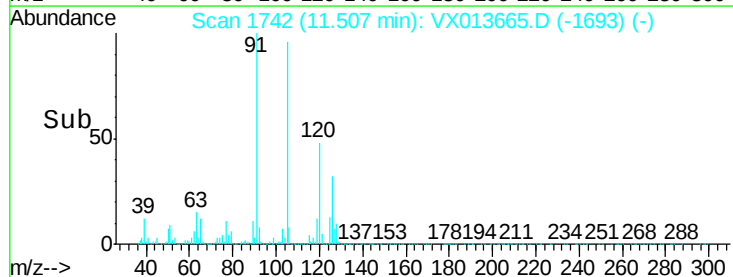
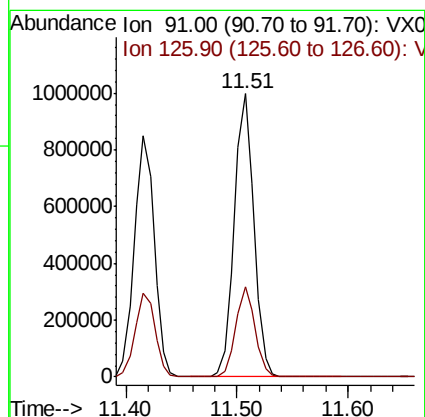
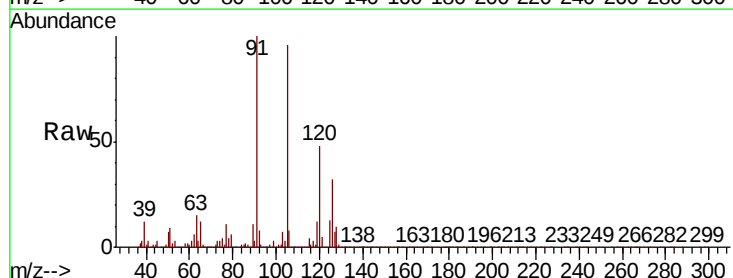
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

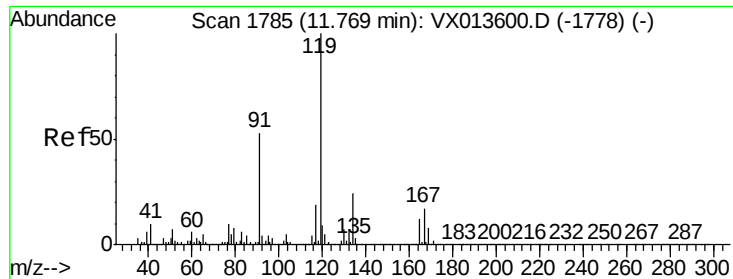
Tot Ion: 75 Resp: 180775
Ion Ratio Lower Upper
75 100
53 96.4 78.2 117.2
89 45.2 35.4 53.2



#82
4-Chlorotoluene
Concen: 49.245 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX013665.D
Acq: 27 Nov 2019 20:31

Tgt Ion: 91 Resp: 1215353
Ion Ratio Lower Upper
91 100
126 31.0 15.7 47.0

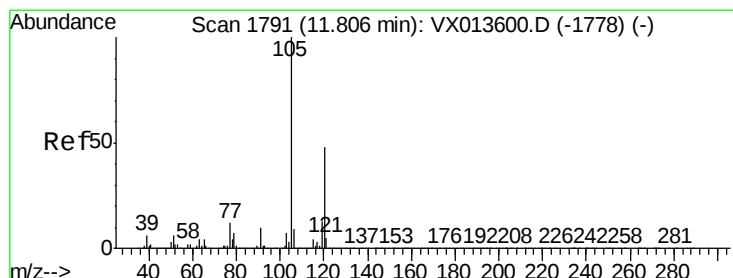
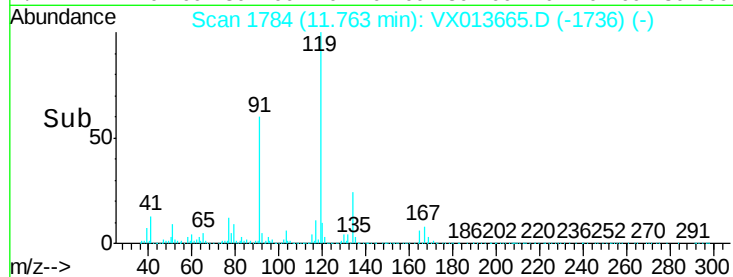
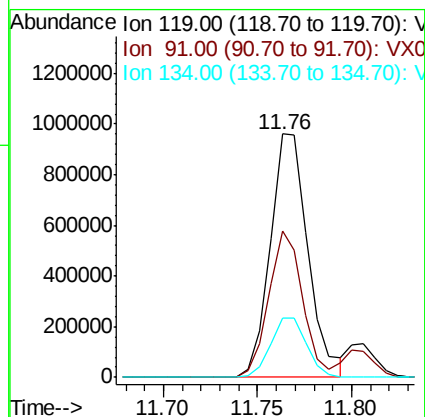
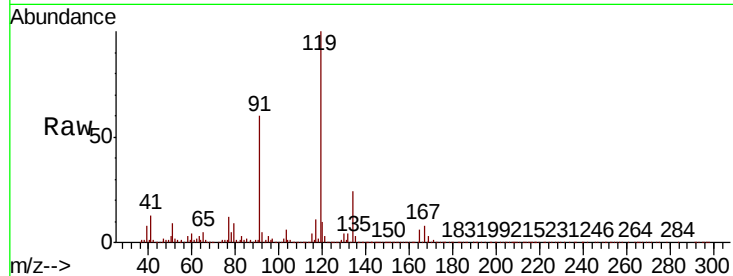




#83
tert-Butylbenzene
Concen: 50.415 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.01 min
Lab File: VX013665.D
Acq: 27 Nov 2019 20:31

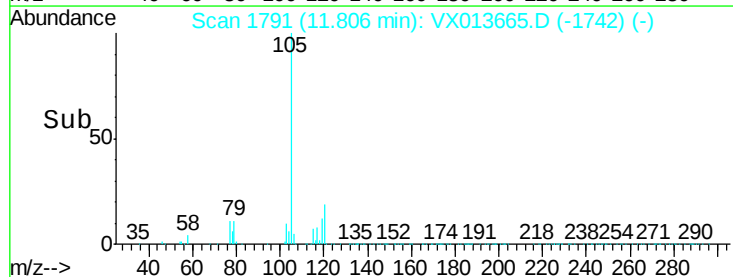
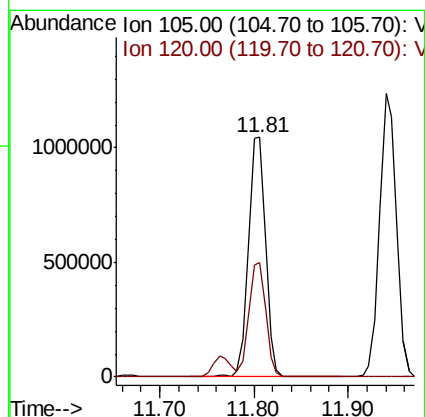
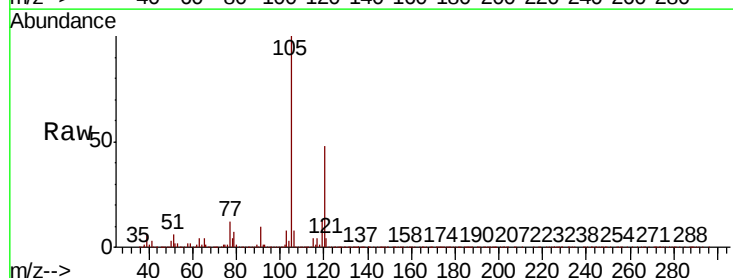
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

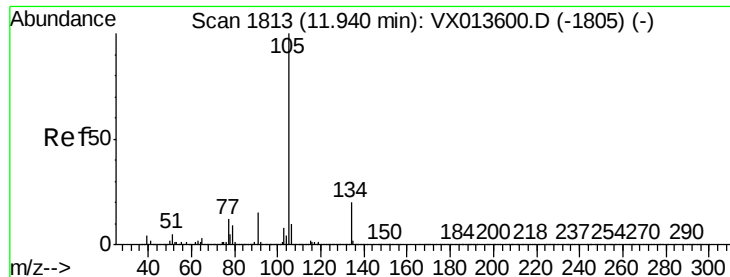
Tot Ion:119 Resp: 1336236
Ion Ratio Lower Upper
119 100
91 53.6 27.2 81.6
134 23.5 11.7 35.1



#84
1,2,4-Trimethylbenzene
Concen: 50.195 ug/l
RT: 11.81 min Scan# 1791
Delta R.T. 0.00 min
Lab File: VX013665.D
Acq: 27 Nov 2019 20:31

Tgt Ion:105 Resp: 1328589
Ion Ratio Lower Upper
105 100
120 47.1 23.1 69.3





#85

sec-Butylbenzene

Concen: 50.366 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX013665.D

Acq: 27 Nov 2019 20:31

Instrument :

MSVOA_X

ClientSampleId :

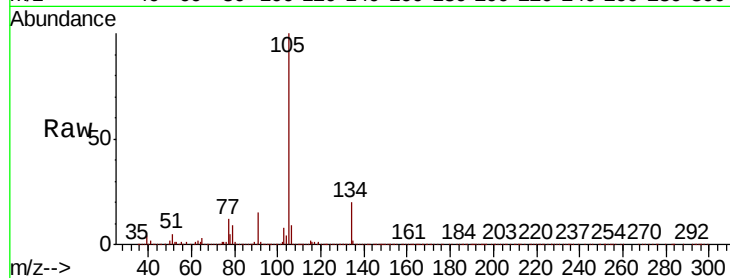
VSTDCCC050EC

Tot Ion:105 Resp: 1524781

Ion Ratio Lower Upper

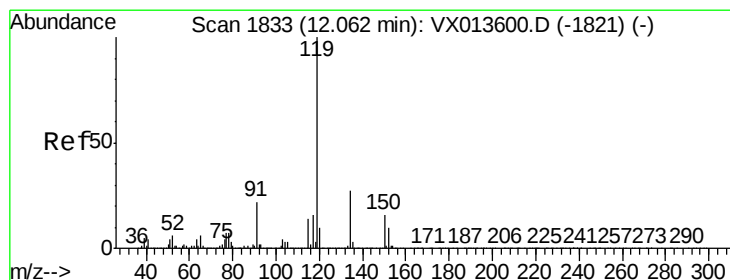
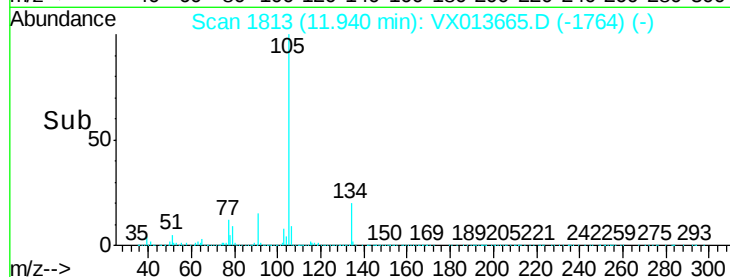
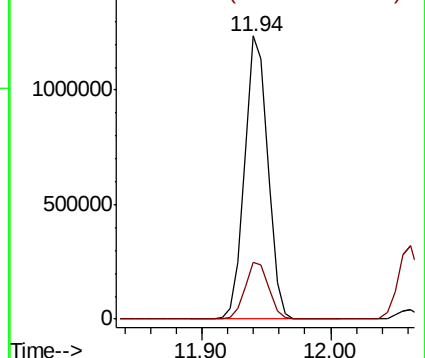
105 100

134 20.6 10.4 31.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 50.087 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX013665.D

Acq: 27 Nov 2019 20:31

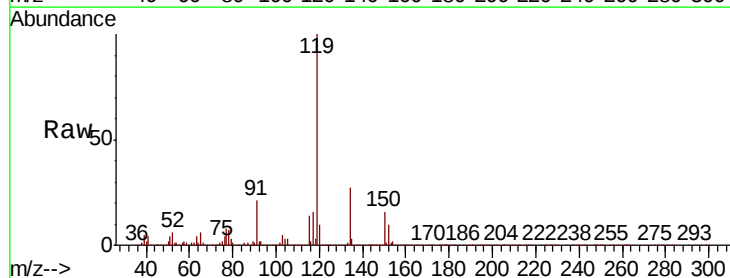
Tgt Ion:119 Resp: 1410659

Ion Ratio Lower Upper

119 100

134 27.0 13.3 39.9

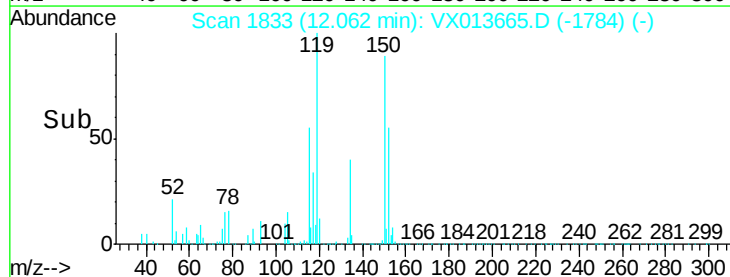
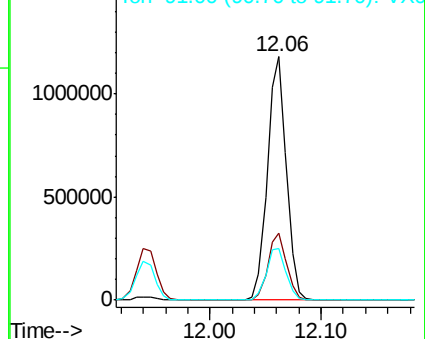
91 22.2 11.3 33.8

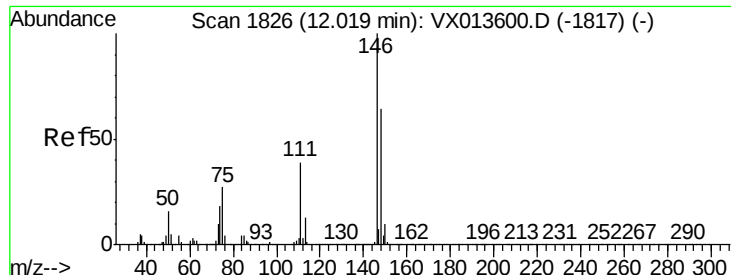


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 47.792 ug/l

RT: 12.02 min Scan# 1826

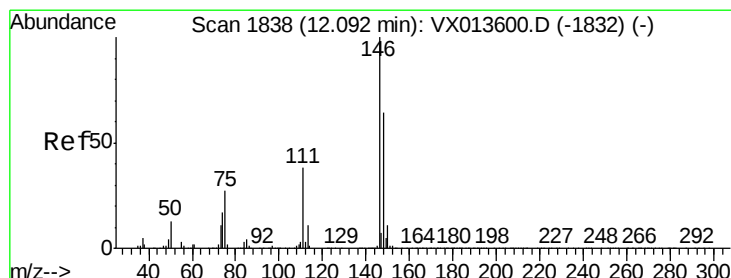
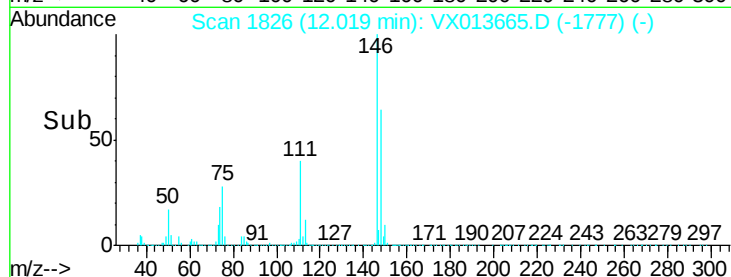
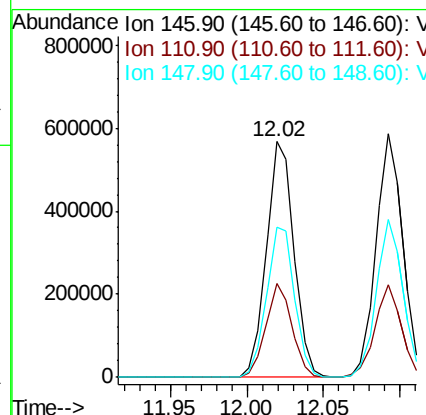
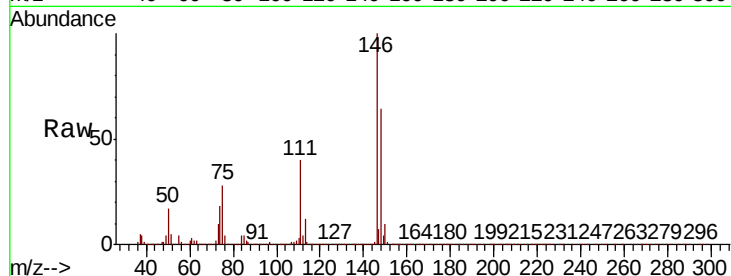
Delta R.T. 0.00 min

Lab File: VX013665.D

Acq: 27 Nov 2019 20:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.0	19.0	57.0
148	64.6	31.8	95.4



#88

1,4-Dichlorobenzene

Concen: 46.654 ug/l

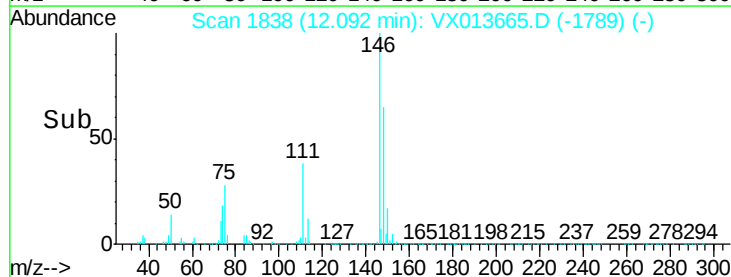
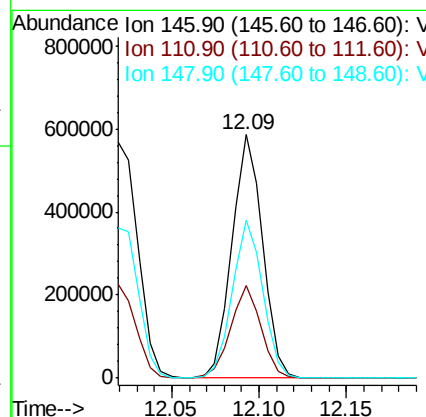
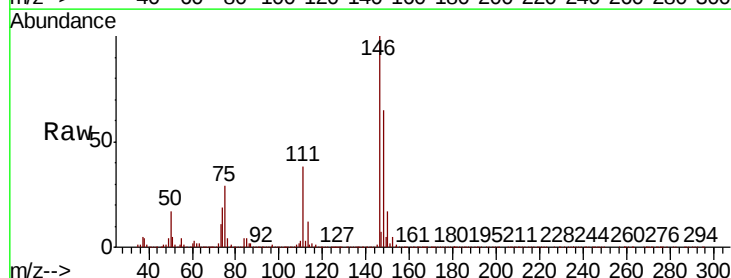
RT: 12.09 min Scan# 1838

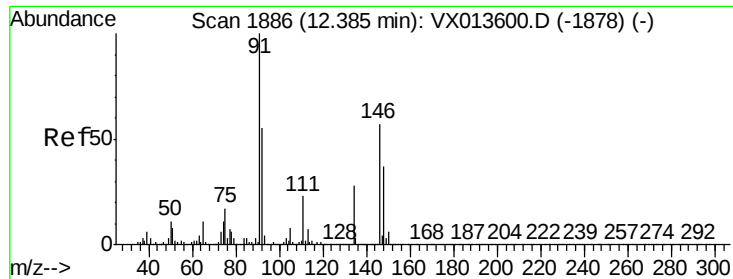
Delta R.T. 0.00 min

Lab File: VX013665.D

Acq: 27 Nov 2019 20:31

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.6	18.9	56.9
148	64.5	31.9	95.5

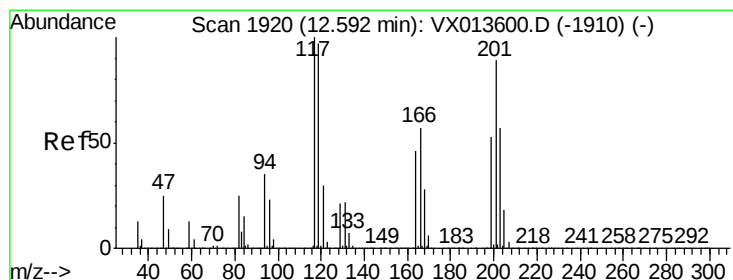
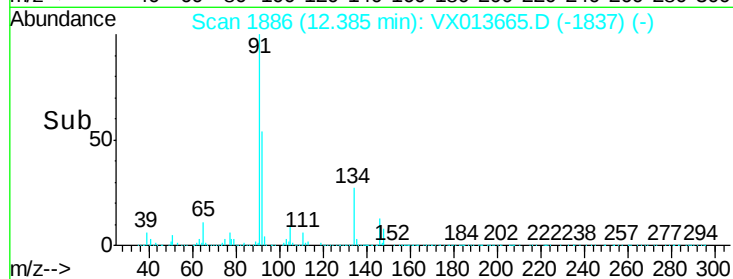
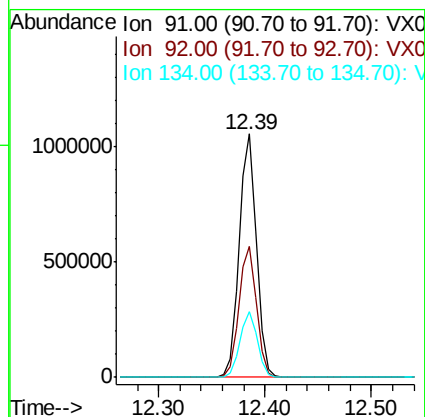
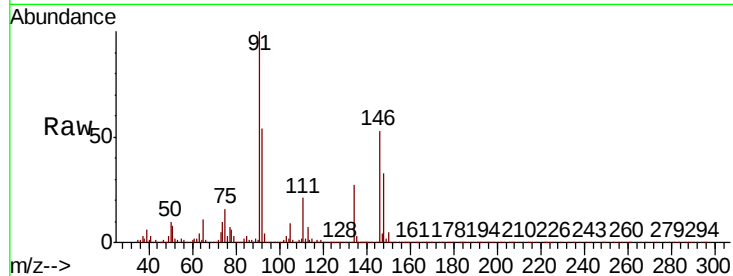




#89
n-Butylbenzene
Concen: 50.034 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX013665.D
Acq: 27 Nov 2019 20:31

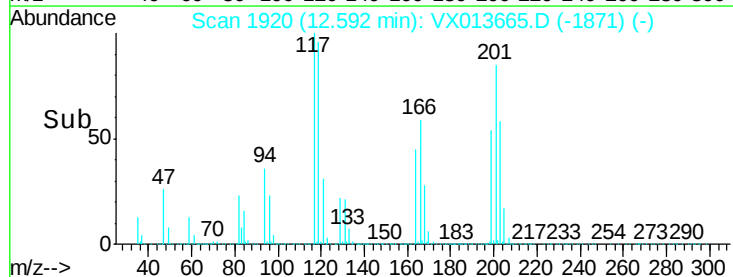
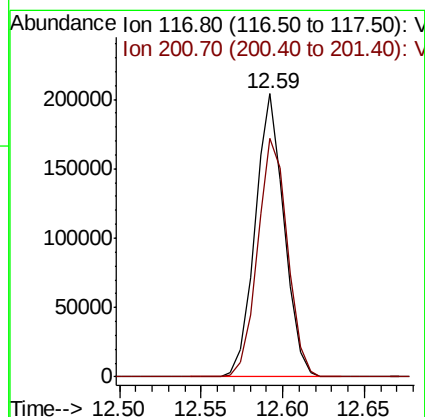
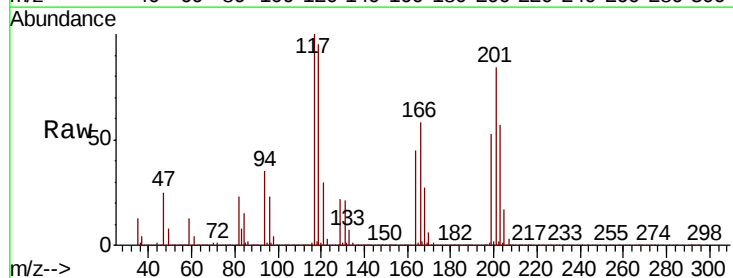
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

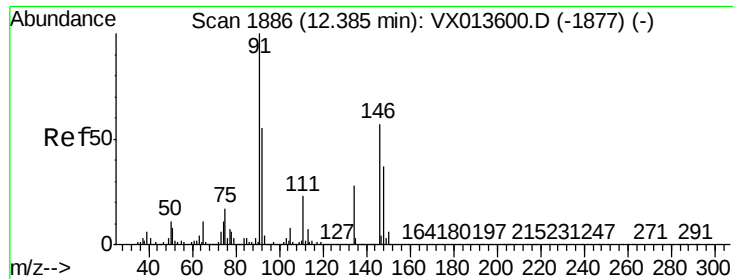
Tot Ion: 91 Resp: 1201867
Ion Ratio Lower Upper
91 100
92 54.7 27.4 82.2
134 27.3 13.5 40.4



#90
Hexachloroethane
Concen: 49.272 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX013665.D
Acq: 27 Nov 2019 20:31

Tgt Ion: 117 Resp: 250832
Ion Ratio Lower Upper
117 100
201 87.1 44.1 132.4





#91

1,2-Dichlorobenzene

Concen: 48.732 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX013665.D

Acq: 27 Nov 2019 20:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

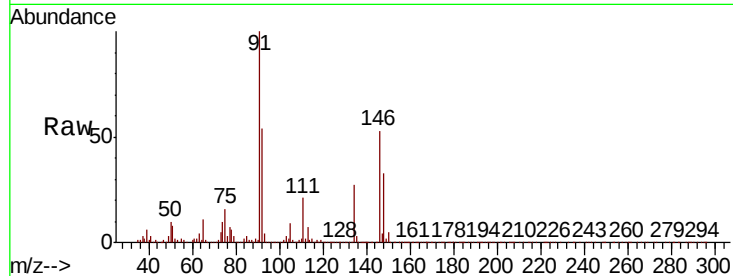
Tot Ion:146 Resp: 721511

Ion Ratio Lower Upper

146 100

111 39.8 19.6 58.7

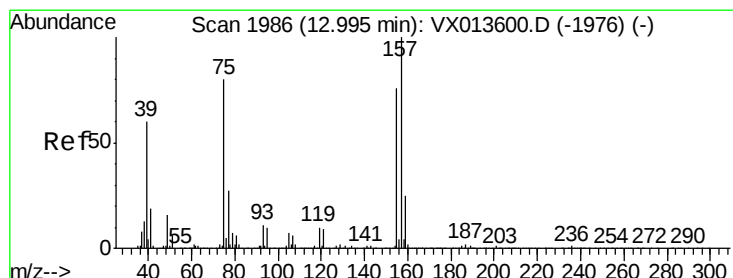
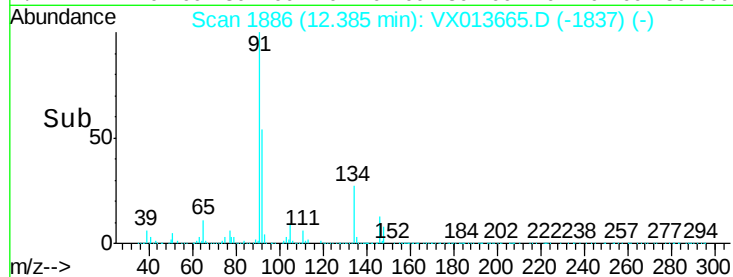
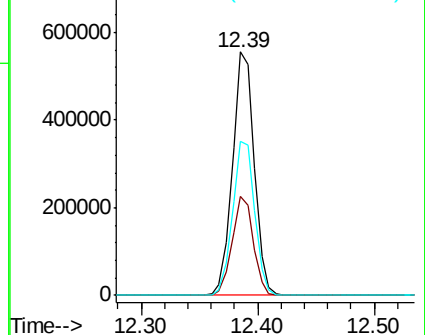
148 64.4 31.9 95.7



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 50.981 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VX013665.D

Acq: 27 Nov 2019 20:31

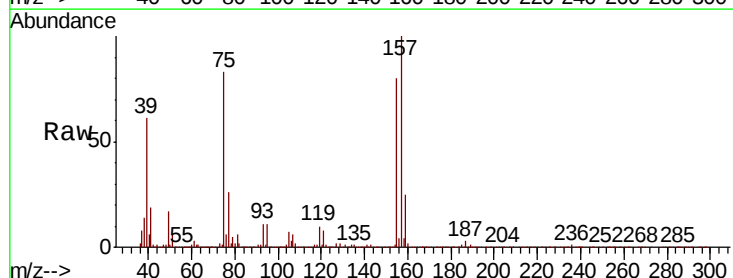
Tgt Ion: 75 Resp: 122511

Ion Ratio Lower Upper

75 100

155 97.1 47.6 142.8

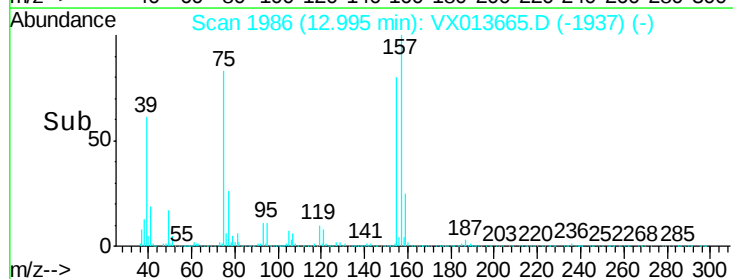
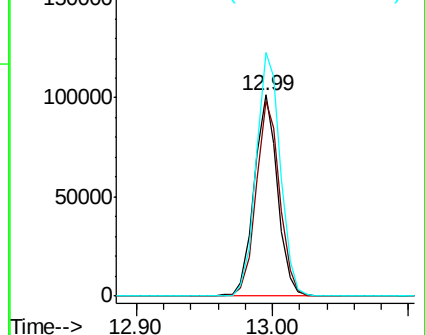
157 125.6 62.1 186.2

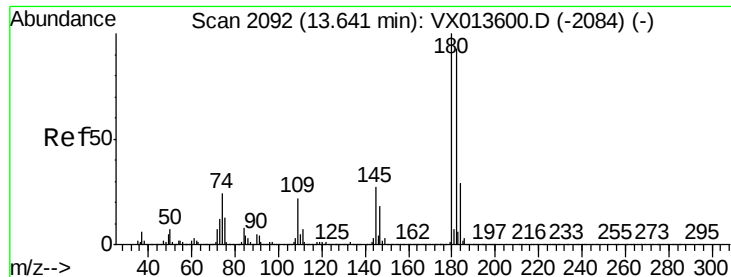


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

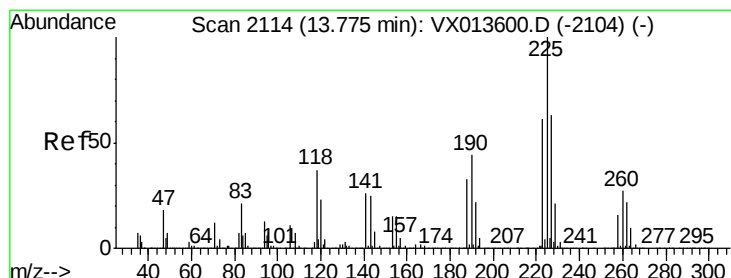
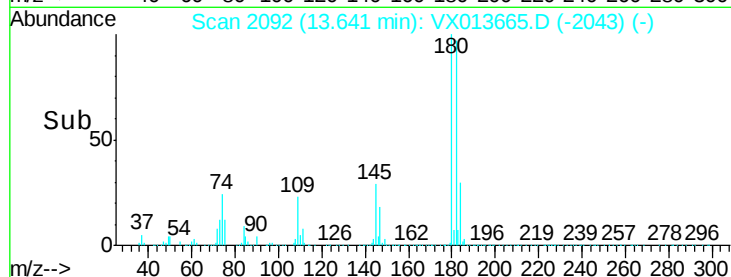
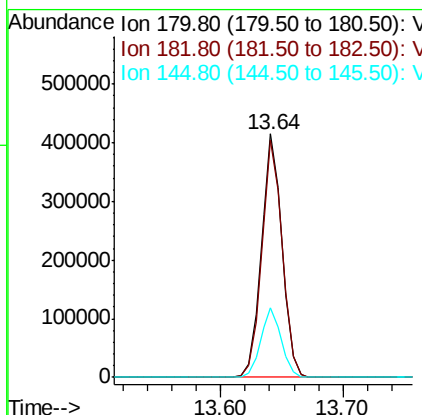
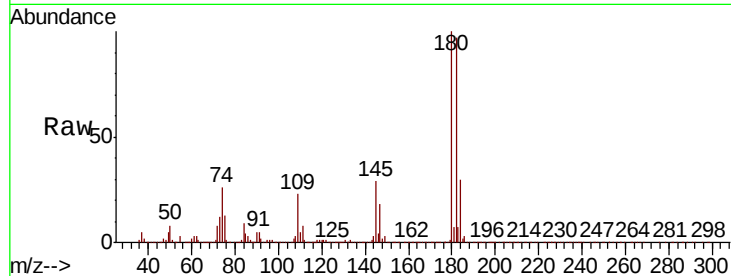




#93
 1,2,4-Trichlorobenzene
 Concen: 47.226 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX013665.D
 Acq: 27 Nov 2019 20:31

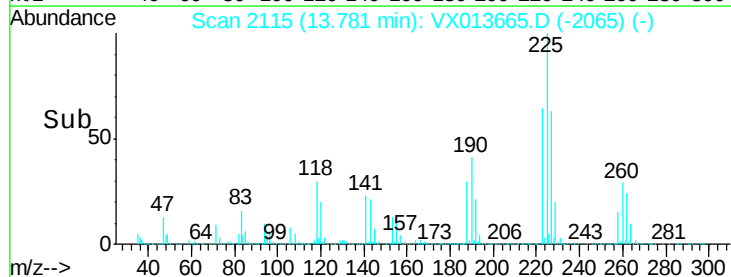
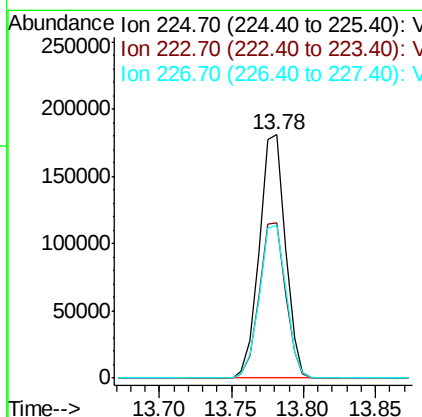
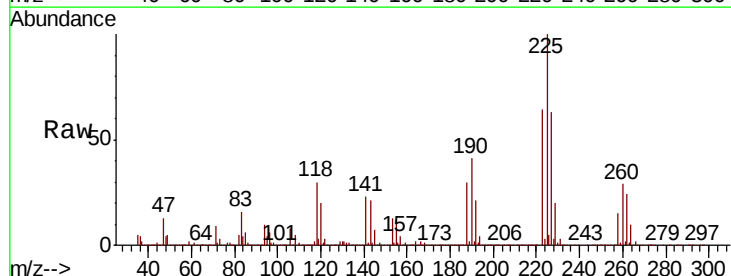
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

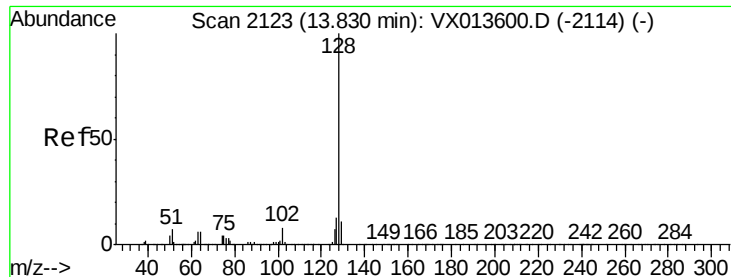
Tot Ion:180 Resp: 487304
 Ion Ratio Lower Upper
 180 100
 182 97.0 47.2 141.6
 145 28.4 13.8 41.4



#94
 Hexachlorobutadiene
 Concen: 45.532 ug/l
 RT: 13.78 min Scan# 2115
 Delta R.T. 0.01 min
 Lab File: VX013665.D
 Acq: 27 Nov 2019 20:31

Tgt Ion:225 Resp: 225693
 Ion Ratio Lower Upper
 225 100
 223 64.3 31.9 95.5
 227 64.2 32.1 96.3

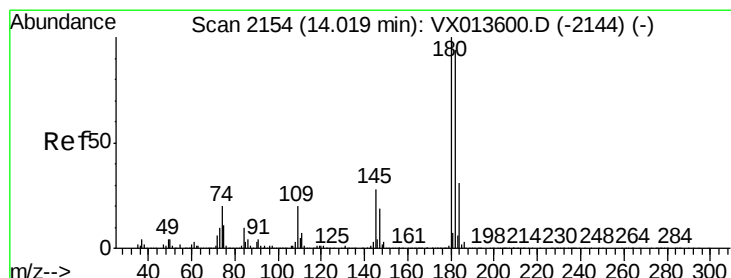
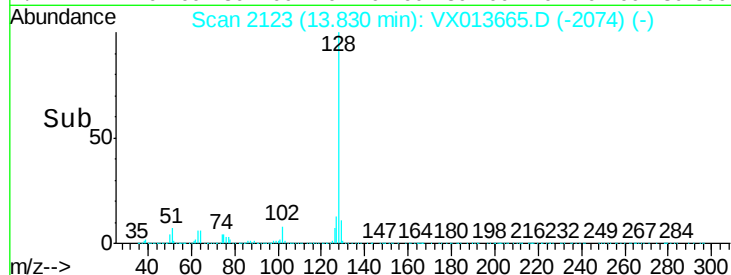
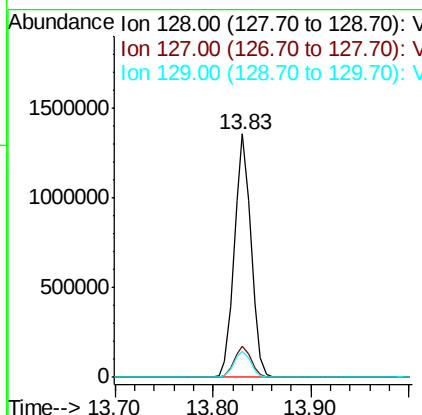
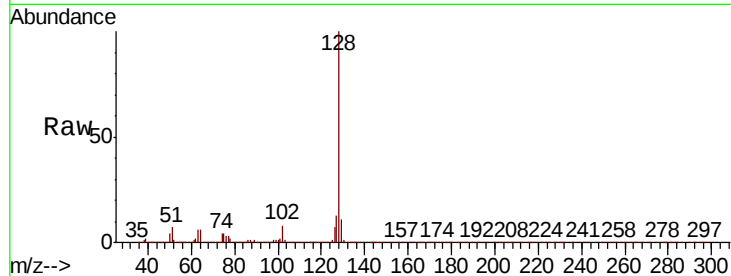




#95
Naphthalene
Concen: 52.060 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX013665.D
Acq: 27 Nov 2019 20:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 1599758
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 11.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 49.018 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.01 min
Lab File: VX013665.D
Acq: 27 Nov 2019 20:31

Tgt Ion:180 Resp: 500800
Ion Ratio Lower Upper
180 100
182 97.2 47.6 142.8
145 29.9 15.0 45.0

