

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110819\
 Data File : VX013365.D
 Acq On : 08 Nov 2019 18:11
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 11 02:58:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 07:06:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	698869	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1073528	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	976714	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	496569	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	396038	47.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.66%	
35) Dibromofluoromethane	5.48	113	329994	49.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.02%	
50) Toluene-d8	8.71	98	1263519	49.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.56%	
62) 4-Bromofluorobenzene	11.13	95	454471	49.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.22%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	384659	47.770	ug/l	99
3) Chloromethane	1.31	50	424504	48.613	ug/l	99
4) Vinyl Chloride	1.40	62	485473	48.834	ug/l	100
5) Bromomethane	1.63	94	295610	42.670	ug/l	100
6) Chloroethane	1.71	64	266314	46.786	ug/l	100
7) Trichlorofluoromethane	1.92	101	535618	45.603	ug/l	97
8) Diethyl Ether	2.17	74	245760	47.317	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	327815	50.076	ug/l	99
10) Methyl Iodide	2.50	142	411695	50.796	ug/l	97
11) Tert butyl alcohol	3.03	59	452664	207.431	ug/l	100
12) 1,1-Dichloroethene	2.36	96	326531	50.936	ug/l	95
13) Acrolein	2.28	56	282218	238.619	ug/l	98
14) Allyl chloride	2.72	41	604186	51.871	ug/l	97
15) Acrylonitrile	3.12	53	1035770	254.094	ug/l	99
16) Acetone	2.43	43	1012651	245.211	ug/l	100
17) Carbon Disulfide	2.56	76	825686	48.122	ug/l	99
18) Methyl Acetate	2.76	43	592136	51.936	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	1125505	52.639	ug/l	97
20) Methylene Chloride	2.84	84	373025	48.888	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	347090	49.727	ug/l	97
22) Diisopropyl ether	3.84	45	1195487	53.162	ug/l	92
23) Vinyl Acetate	3.80	43	4972966	258.437	ug/l	100
24) 1,1-Dichloroethane	3.69	63	652672	51.883	ug/l	98
25) 2-Butanone	4.65	43	1503352	248.145	ug/l	100
26) 2,2-Dichloropropane	4.57	77	518035	51.765	ug/l	97
27) cis-1,2-Dichloroethene	4.58	96	409197	52.333	ug/l	100
28) Bromochloromethane	5.00	49	187560	52.512	ug/l	98
29) Tetrahydrofuran	5.11	42	933628	250.074	ug/l	99
30) Chloroform	5.20	83	633029	50.962	ug/l	99
31) Cyclohexane	5.57	56	575316	50.825	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	544206	50.908	ug/l	99
36) 1,1-Dichloropropene	5.79	75	471529	51.200	ug/l	99
37) Ethyl Acetate	4.81	43	559314	49.149	ug/l	100
38) Carbon Tetrachloride	5.77	117	464151	51.539	ug/l	100

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	578350	50.400	ug/l	97
40) Benzene	6.13	78	1469584	51.227	ug/l	99
41) Methacrylonitrile	5.02	41	313316	49.121	ug/l	98
42) 1,2-Dichloroethane	6.18	62	518946	50.151	ug/l	100
43) Isopropyl Acetate	6.43	43	912676	51.504	ug/l	99
44) Trichloroethene	7.20	130	393387	49.817	ug/l	99
45) 1,2-Dichloropropane	7.51	63	381522	52.196	ug/l	100
46) Dibromomethane	7.65	93	249586	50.010	ug/l	98
47) Bromodichloromethane	7.89	83	492316	52.313	ug/l	98
48) Methyl methacrylate	7.76	41	460918	52.107	ug/l	97
49) 1,4-Dioxane	7.73	88	193731	956.337	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	2903815	249.765	ug/l	99
52) Toluene	8.78	92	921933	51.851	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	557867	54.210	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	613812	53.322	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	384371	52.155	ug/l	98
56) Ethyl methacrylate	9.17	69	623448	49.566	ug/l	97
57) 1,3-Dichloropropane	9.37	76	643859	51.466	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	1312979	260.560	ug/l	99
59) 2-Hexanone	9.48	43	2250704	250.511	ug/l	99
60) Dibromochloromethane	9.57	129	402165	53.357	ug/l	99
61) 1,2-Dibromoethane	9.67	107	399698	51.075	ug/l	100
64) Tetrachloroethene	9.33	164	348483	49.840	ug/l	97
65) Chlorobenzene	10.14	112	1000460	50.595	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	375596	51.731	ug/l	99
67) Ethyl Benzene	10.25	91	1780582	52.174	ug/l	99
68) m/p-Xylenes	10.36	106	1343246	104.072	ug/l	100
69) o-Xylene	10.69	106	664536	52.590	ug/l	98
70) Styrene	10.71	104	1139854	53.963	ug/l	98
71) Bromoform	10.85	173	317038	47.281	ug/l	99
73) Isopropylbenzene	11.01	105	1741288	52.889	ug/l	100
74) N-amyl acetate	10.89	43	824791	54.023	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	617290	51.394	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	704623	69.862	ug/l	81
77) Bromobenzene	11.25	156	461085	52.534	ug/l	98
78) n-propylbenzene	11.35	91	1977322	53.915	ug/l	99
79) 2-Chlorotoluene	11.42	91	1161158	52.550	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	1466659	53.482	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	202194	51.601	ug/l	99
82) 4-Chlorotoluene	11.51	91	1347809	52.108	ug/l	99
83) tert-Butylbenzene	11.76	119	1485382	53.807	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	1467846	53.358	ug/l	99
85) sec-Butylbenzene	11.94	105	1701526	53.630	ug/l	100
86) p-Isopropyltoluene	12.06	119	1579495	54.065	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	810127	51.782	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	811420	50.905	ug/l	99
89) n-Butylbenzene	12.39	91	1361141	53.395	ug/l	100
90) Hexachloroethane	12.59	117	280335	53.856	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	814650	52.092	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	132490	45.277	ug/l	97

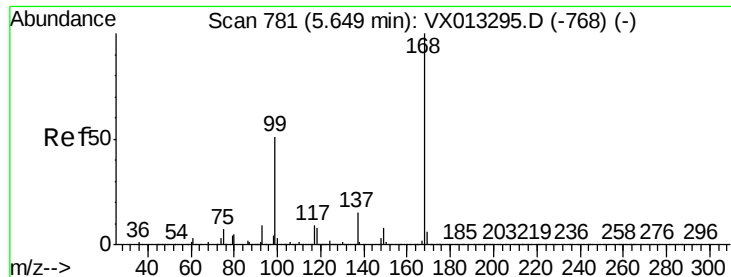
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	574114	52.629	ug/l	98
94) Hexachlorobutadiene	13.78	225	261280	48.957	ug/l	99
95) Naphthalene	13.83	128	1818674	53.137	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	562990	51.461	ug/l	99

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

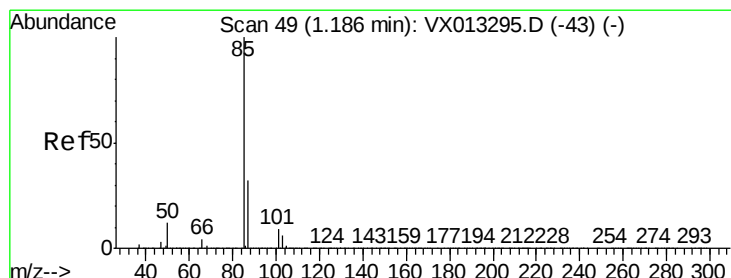
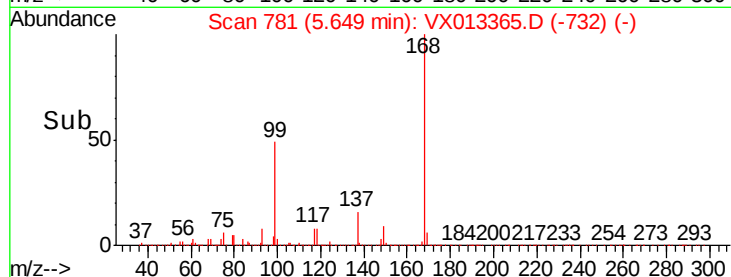
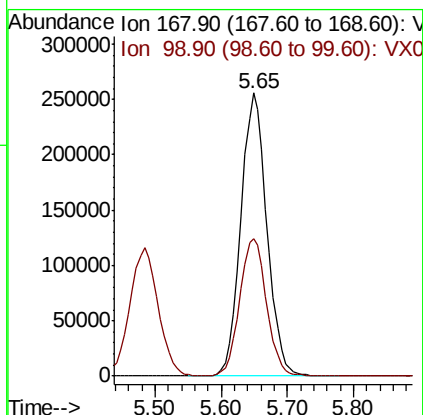
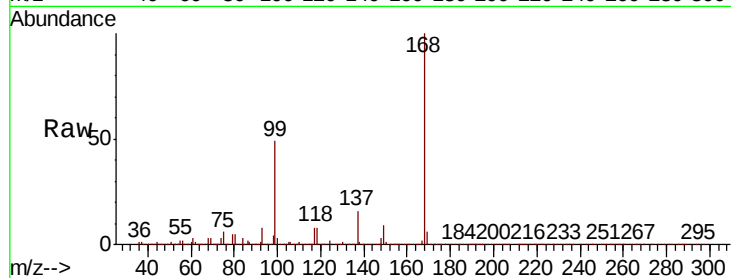


#1

Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. 0.00 min
 Lab File: VX013365.D
 Acq: 08 Nov 2019 18:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

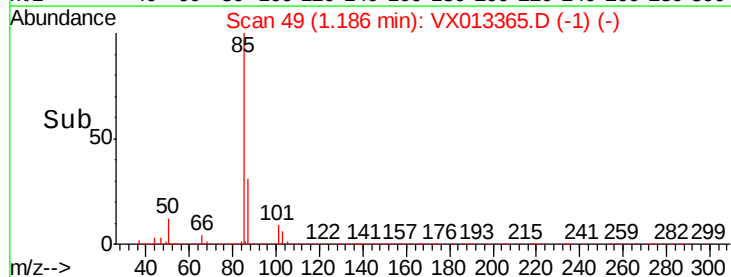
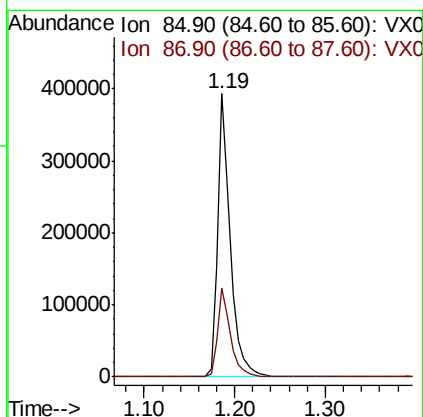
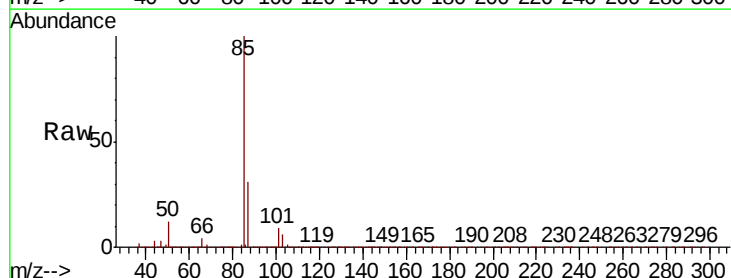
Tot Ion	Ratio	Lower	Upper
168	100		
99	48.5	40.8	61.2

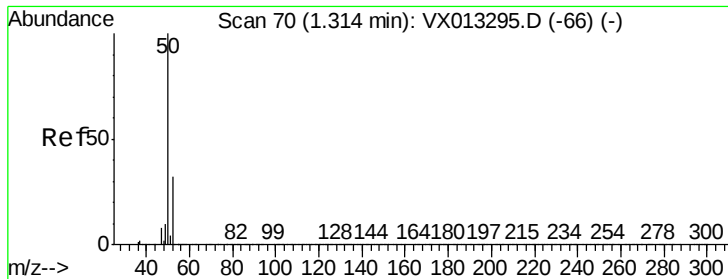


#2

Dichlorodifluoromethane
 Concen: 47.770 ug/l
 RT: 1.19 min Scan# 49
 Delta R.T. 0.00 min
 Lab File: VX013365.D
 Acq: 08 Nov 2019 18:11

Tgt Ion	Ratio	Lower	Upper
85	100		
87	31.3	15.9	47.6





#3

Chloromethane

Concen: 48.613 ug/l

RT: 1.31 min Scan# 70

Delta R.T. 0.00 min

Lab File: VX013365.D

Acq: 08 Nov 2019 18:11

Instrument :

MSVOA_X

ClientSampleId :

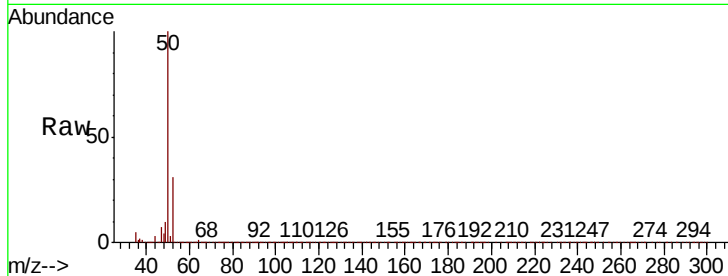
VSTDCCC050EC

Tot Ion: 50 Resp: 424504

Ion Ratio Lower Upper

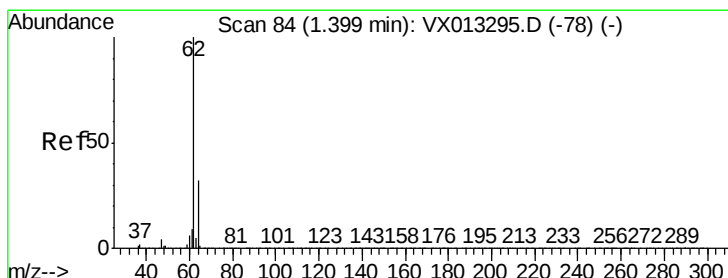
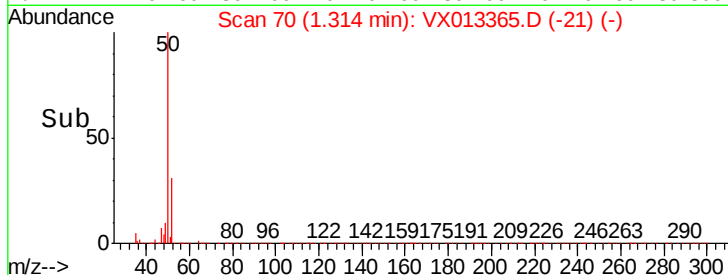
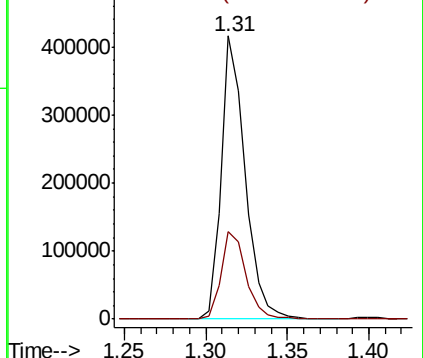
50 100

52 31.1 25.5 38.3



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 48.834 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX013365.D

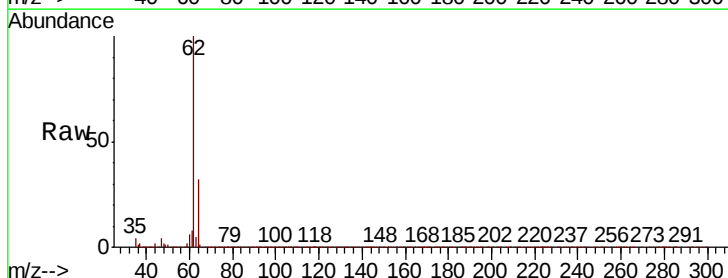
Acq: 08 Nov 2019 18:11

Tgt Ion: 62 Resp: 485473

Ion Ratio Lower Upper

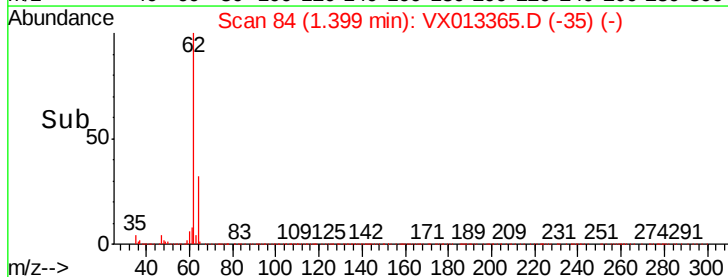
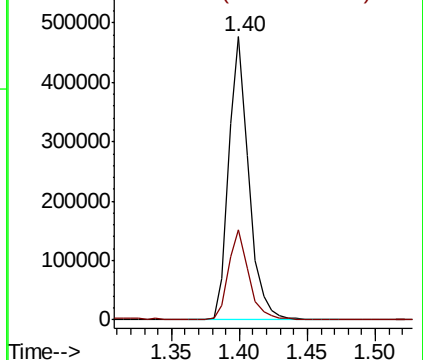
62 100

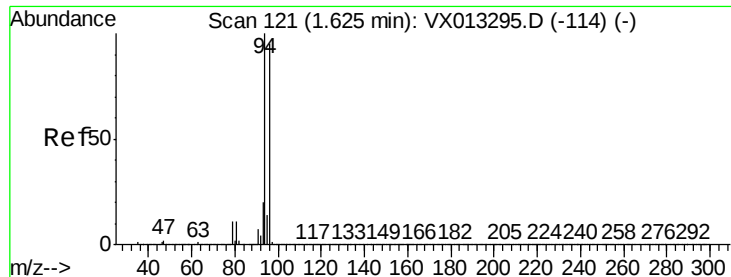
64 31.8 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 42.670 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX013365.D

Acq: 08 Nov 2019 18:11

Instrument :

MSVOA_X

ClientSampleId :

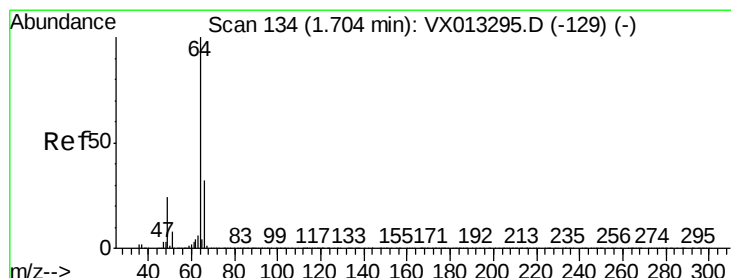
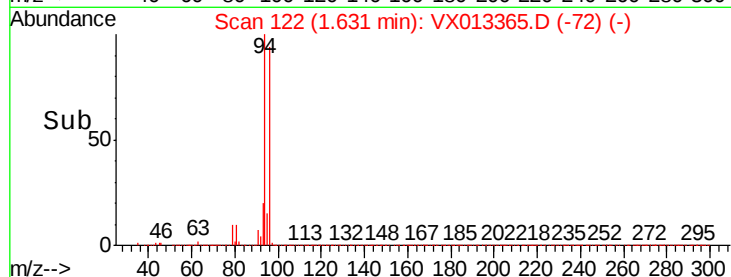
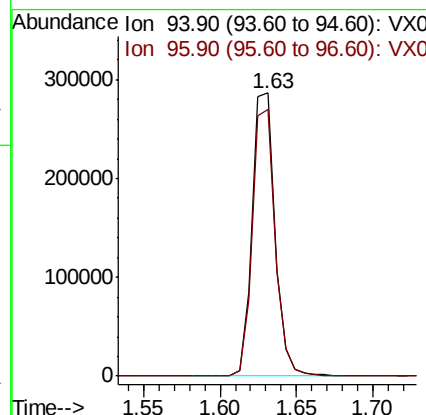
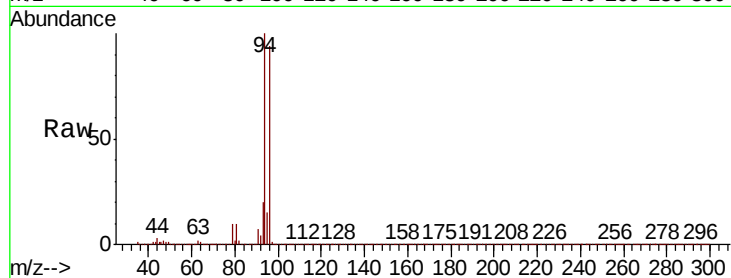
VSTDCCC050EC

Tot Ion: 94 Resp: 295610

Ion Ratio Lower Upper

94 100

96 94.3 75.8 113.8



#6

Chloroethane

Concen: 46.786 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX013365.D

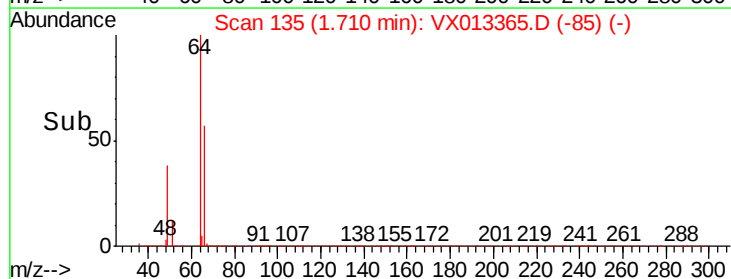
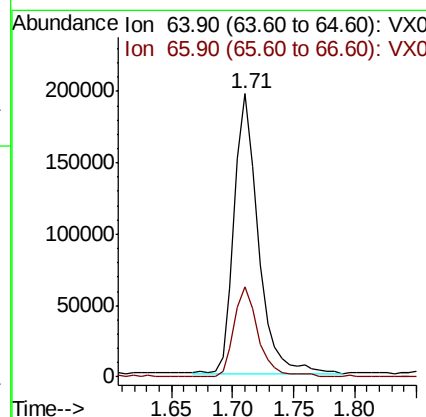
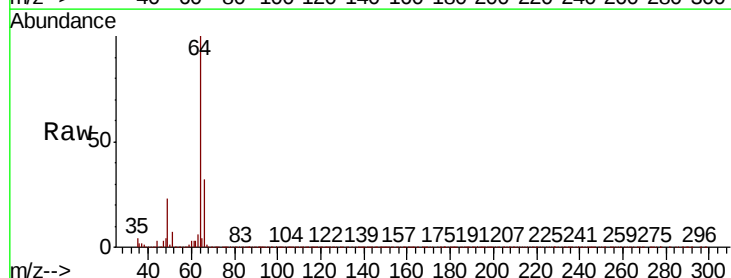
Acq: 08 Nov 2019 18:11

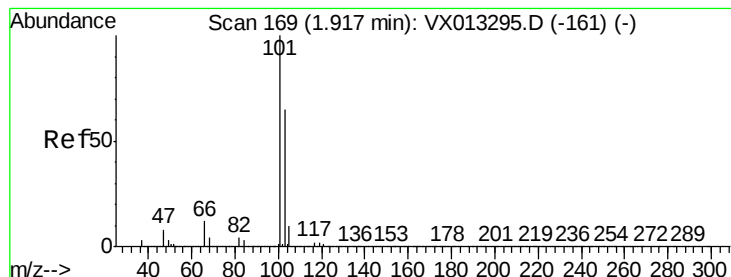
Tgt Ion: 64 Resp: 266314

Ion Ratio Lower Upper

64 100

66 32.2 25.6 38.4



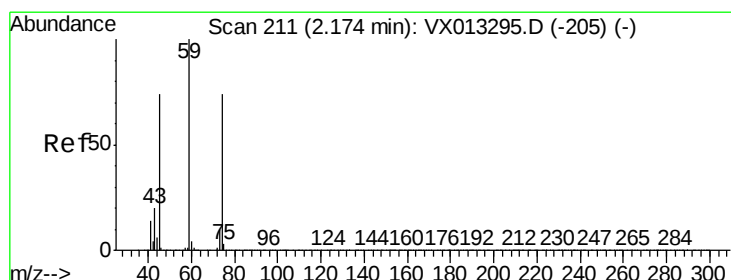
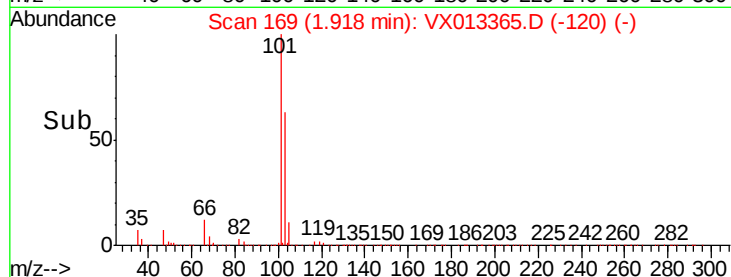
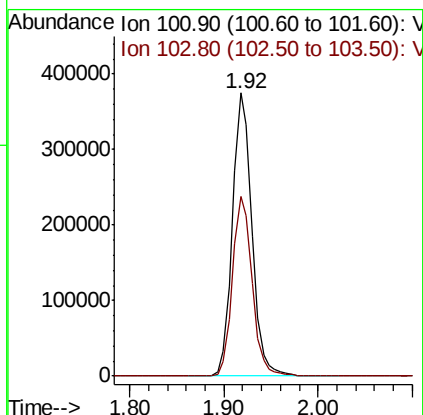
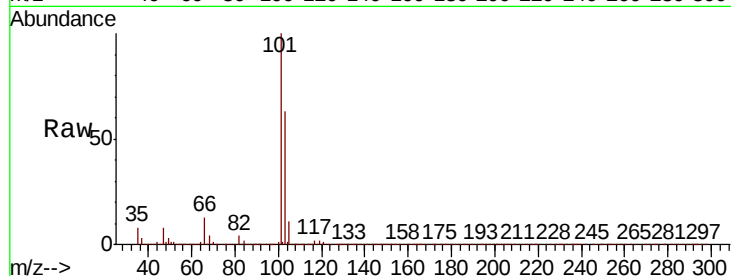


#7

Trichlorofluoromethane
Concen: 45.603 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX013365.D
Acq: 08 Nov 2019 18:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

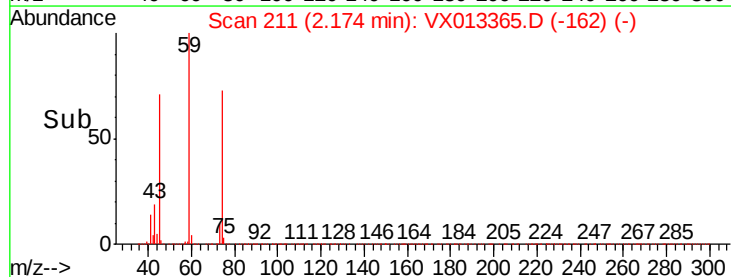
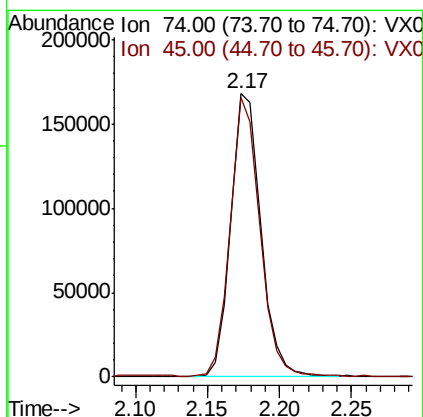
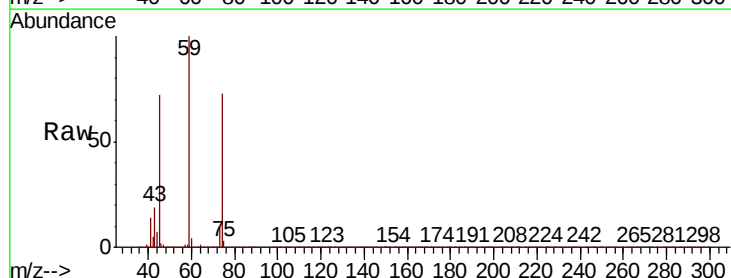
Tot Ion:101 Resp: 535618
Ion Ratio Lower Upper
101 100
103 63.3 52.3 78.5

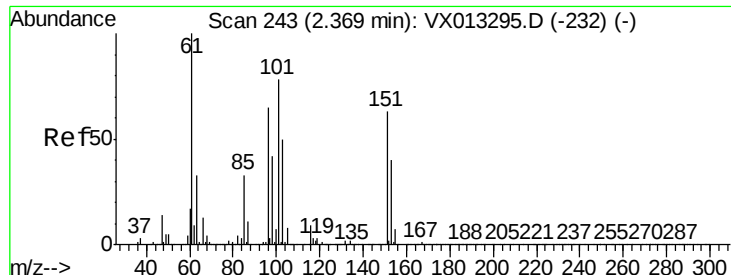


#8

Diethyl Ether
Concen: 47.317 ug/l
RT: 2.17 min Scan# 211
Delta R.T. 0.00 min
Lab File: VX013365.D
Acq: 08 Nov 2019 18:11

Tgt Ion: 74 Resp: 245760
Ion Ratio Lower Upper
74 100
45 97.2 48.5 145.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.076 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX013365.D

Acq: 08 Nov 2019 18:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

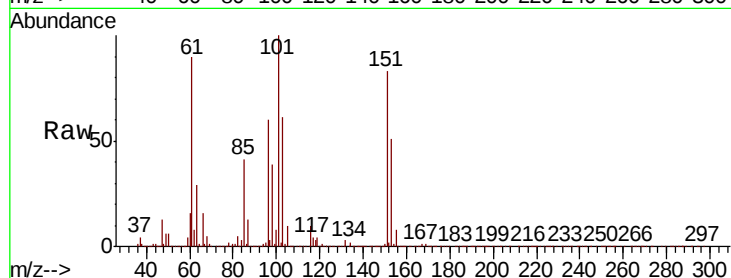
Tot Ion:101 Resp: 327815

Ion Ratio Lower Upper

101 100

85 41.9 34.4 51.6

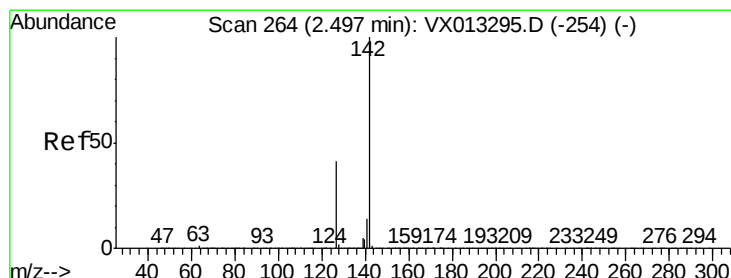
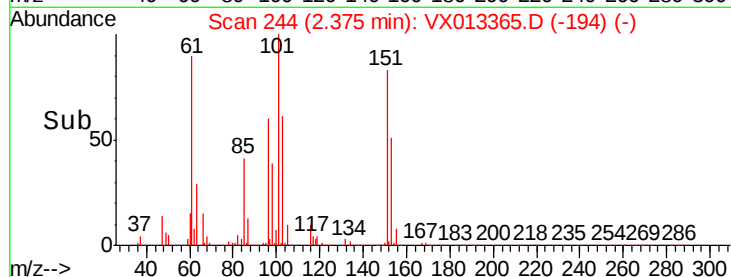
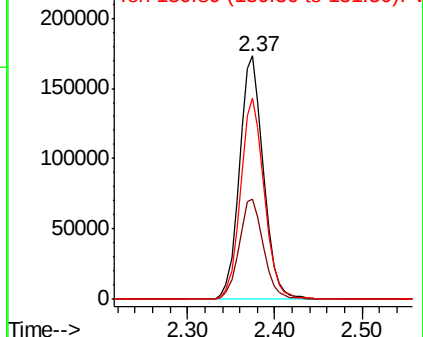
151 82.5 66.4 99.6



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: 50.796 ug/l

RT: 2.50 min Scan# 264

Delta R.T. 0.00 min

Lab File: VX013365.D

Acq: 08 Nov 2019 18:11

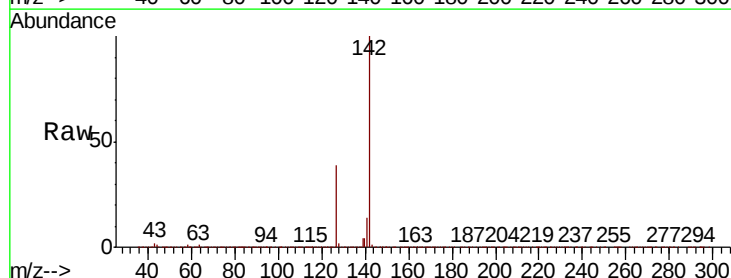
Tgt Ion:142 Resp: 411695

Ion Ratio Lower Upper

142 100

127 38.5 32.6 49.0

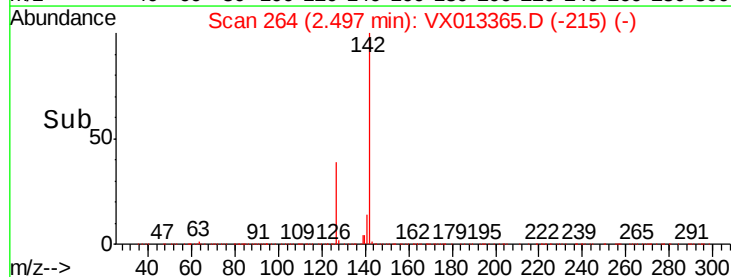
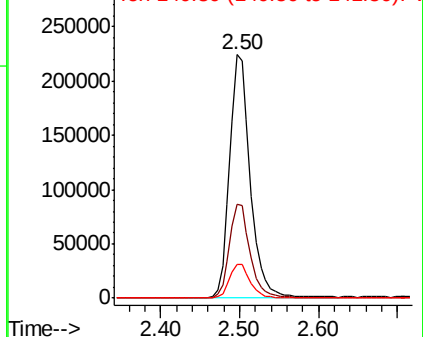
141 14.4 11.6 17.4

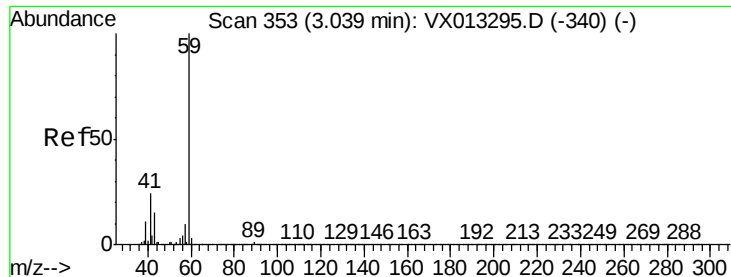


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



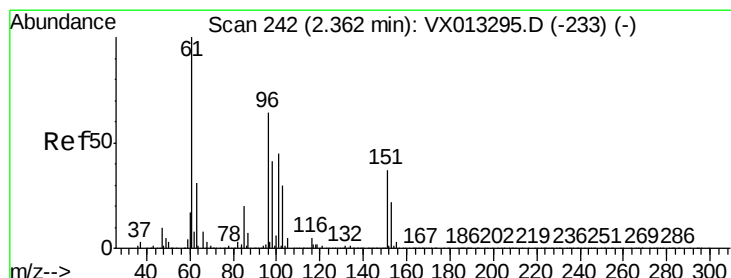
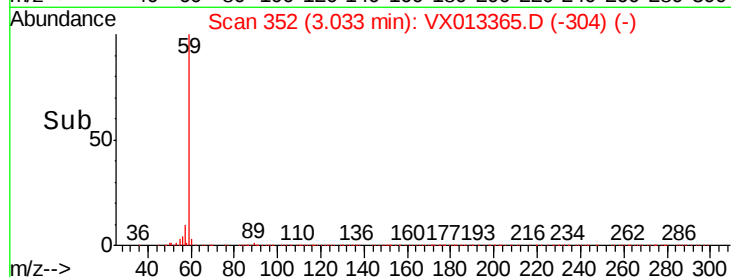
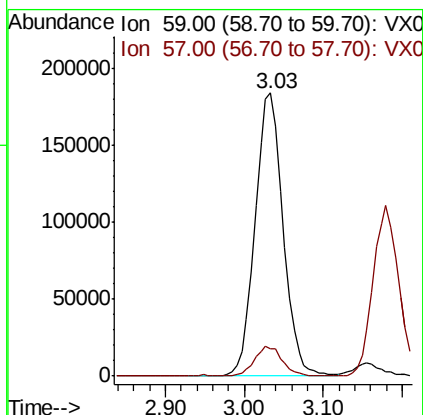
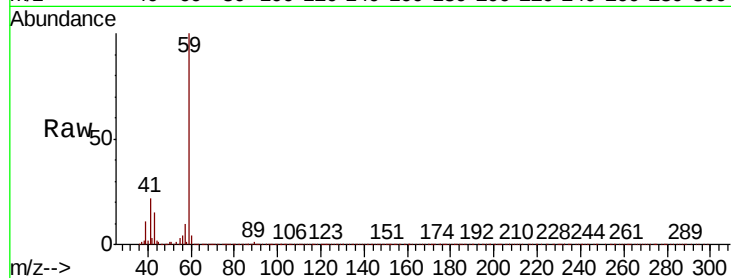


#11

Tert butyl alcohol
Concen: 207.431 ug/l
RT: 3.03 min Scan# 352
Delta R.T. -0.01 min
Lab File: VX013365.D
Acq: 08 Nov 2019 18:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

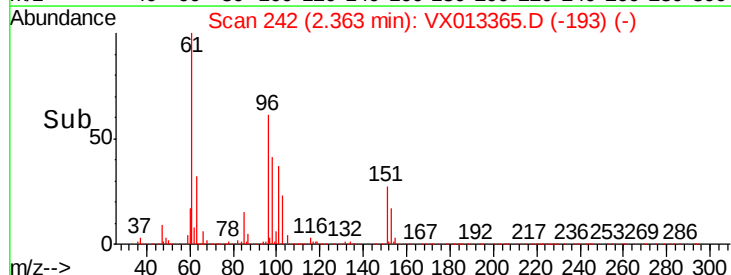
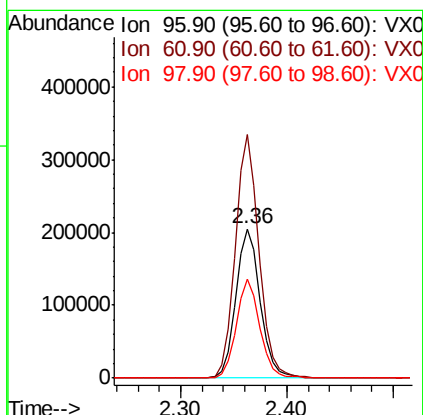
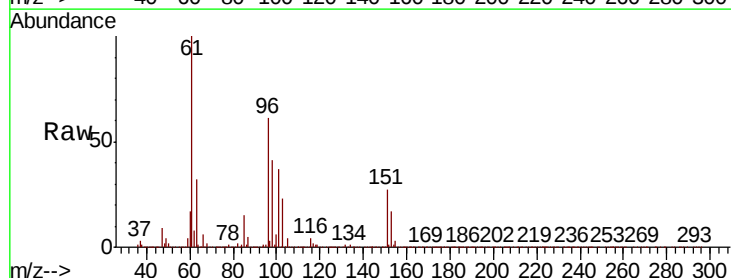
Tot Ion: 59 Resp: 452664
Ion Ratio Lower Upper
59 100
57 10.1 8.0 12.0

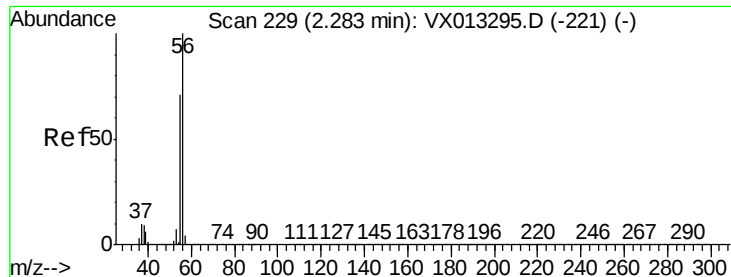


#12

1,1-Dichloroethene
Concen: 50.936 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX013365.D
Acq: 08 Nov 2019 18:11

Tgt Ion: 96 Resp: 326531
Ion Ratio Lower Upper
96 100
61 162.8 125.0 187.6
98 66.2 50.7 76.1

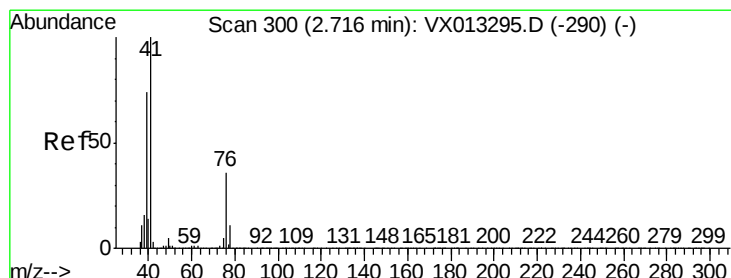
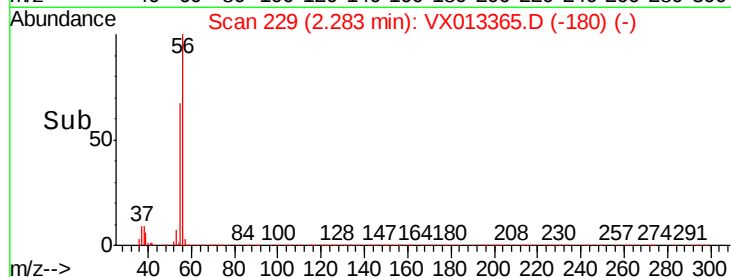
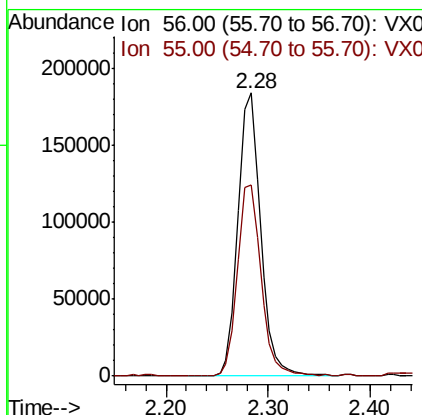
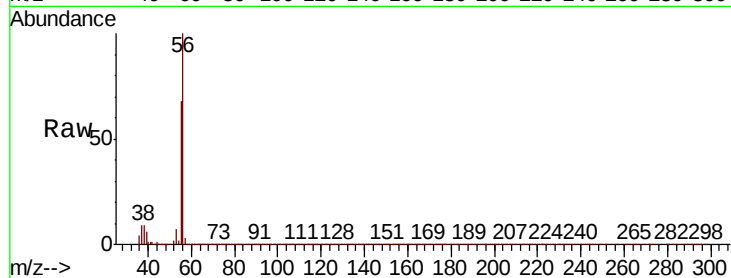




#13
Acrolein
Concen: 238.619 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX013365.D
Acq: 08 Nov 2019 18:11

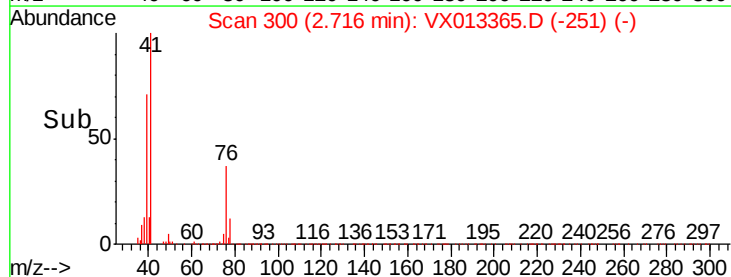
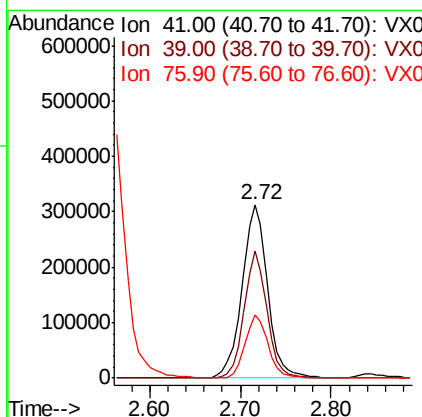
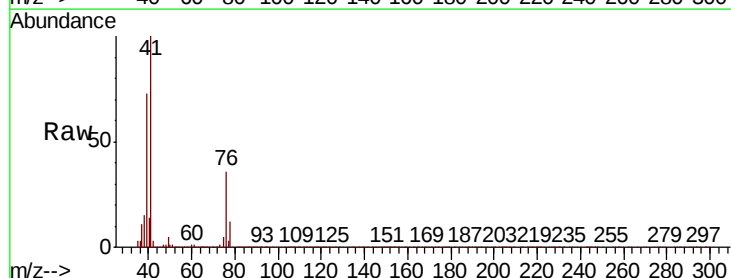
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

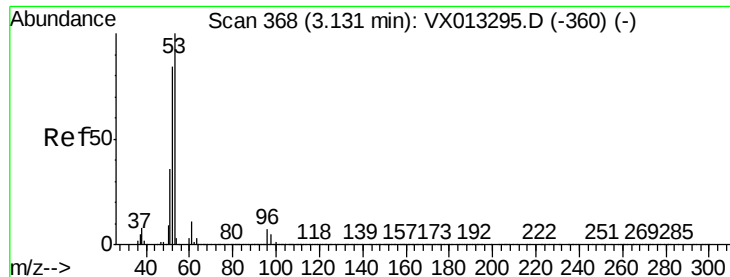
Tot Ion: 56 Resp: 282218
Ion Ratio Lower Upper
56 100
55 69.9 57.4 86.0



#14
Allyl chloride
Concen: 51.871 ug/l
RT: 2.72 min Scan# 300
Delta R.T. 0.00 min
Lab File: VX013365.D
Acq: 08 Nov 2019 18:11

Tgt Ion: 41 Resp: 604186
Ion Ratio Lower Upper
41 100
39 66.3 55.8 83.8
76 32.6 26.4 39.6





#15

Acrylonitrile

Concen: 254.094 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX013365.D

Acq: 08 Nov 2019 18:11

Instrument :

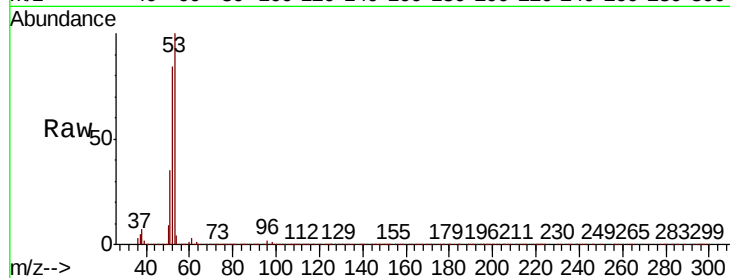
MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 53 Resp: 1035770

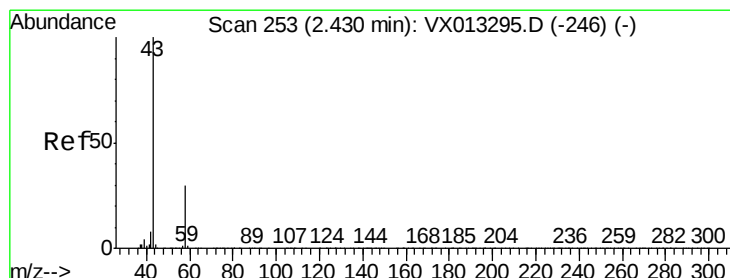
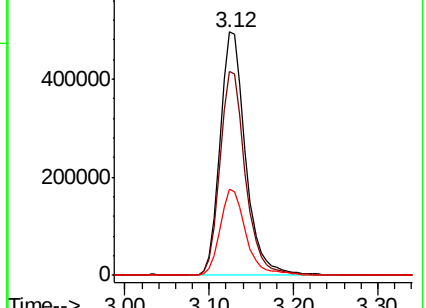
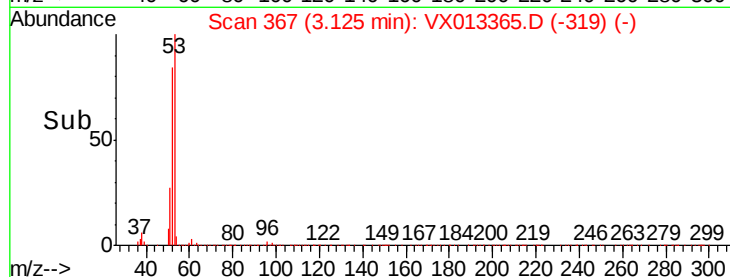
Ion	Ratio	Lower	Upper
53	100		
52	83.5	67.4	101.0
51	35.7	29.4	44.2



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 245.211 ug/l

RT: 2.43 min Scan# 253

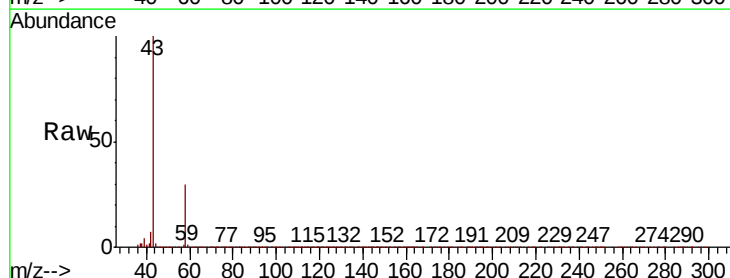
Delta R.T. 0.00 min

Lab File: VX013365.D

Acq: 08 Nov 2019 18:11

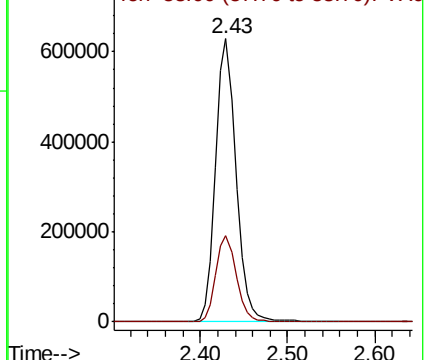
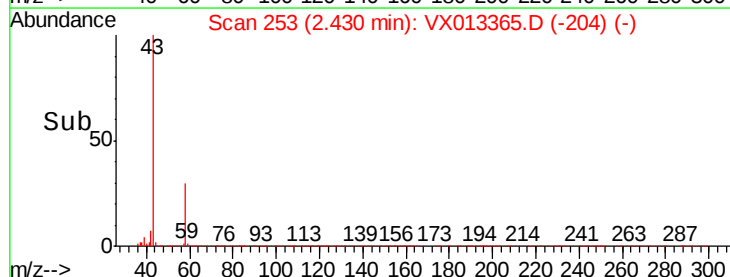
Tgt Ion: 43 Resp: 1012651

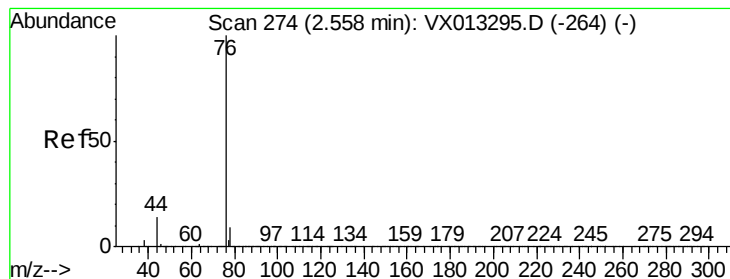
Ion	Ratio	Lower	Upper
43	100		
58	30.3	24.3	36.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 48.122 ug/l

RT: 2.56 min Scan# 274

Delta R.T. 0.00 min

Lab File: VX013365.D

Acq: 08 Nov 2019 18:11

Instrument :

MSVOA_X

ClientSampleId :

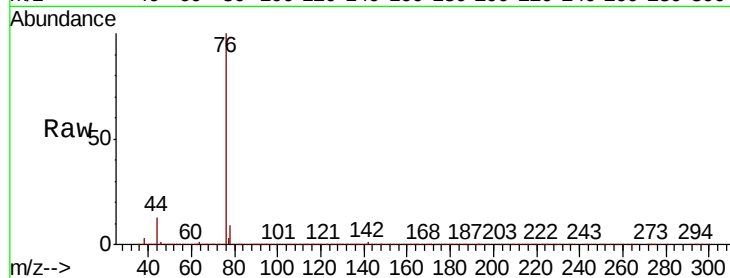
VSTDCCC050EC

Tot Ion: 76 Resp: 825686

Ion Ratio Lower Upper

76 100

78 9.1 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

500000

400000

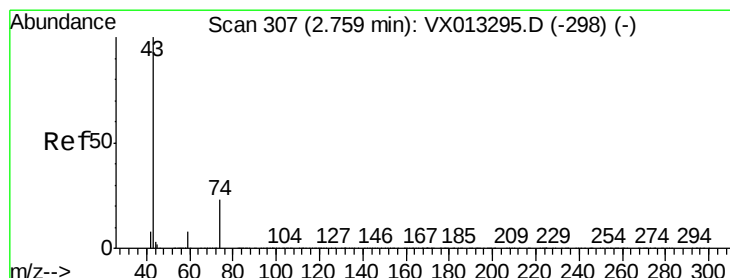
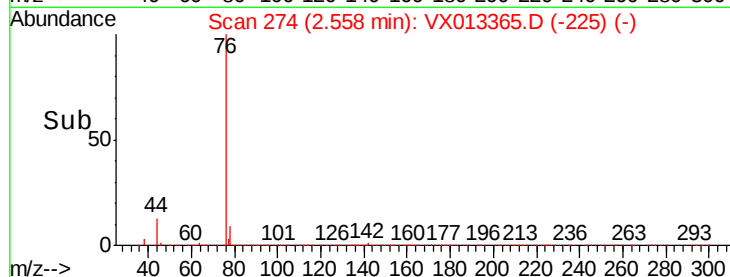
300000

200000

100000

0

Time--> 2.40 2.50 2.60 2.70



#18

Methyl Acetate

Concen: 51.936 ug/l

RT: 2.76 min Scan# 307

Delta R.T. 0.00 min

Lab File: VX013365.D

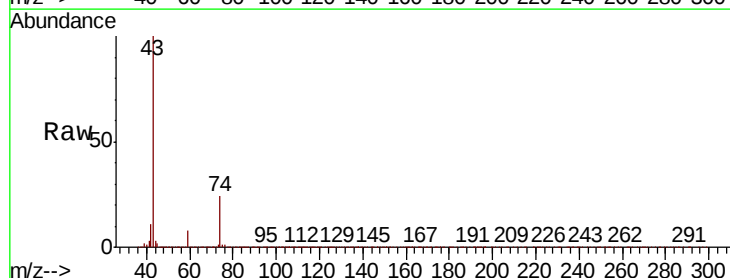
Acq: 08 Nov 2019 18:11

Tgt Ion: 43 Resp: 592136

Ion Ratio Lower Upper

43 100

74 23.0 19.0 28.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.76

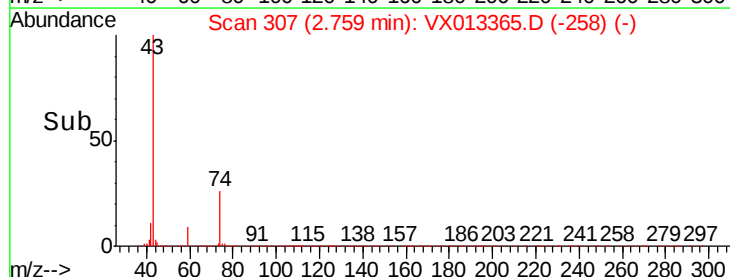
300000

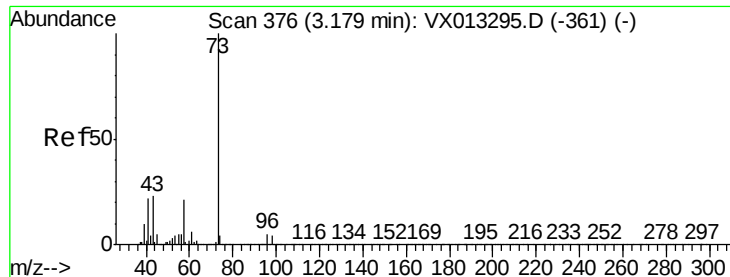
200000

100000

0

Time--> 2.60 2.70 2.80 2.90 3.00

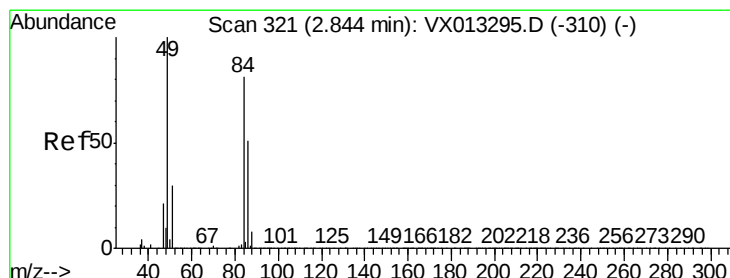
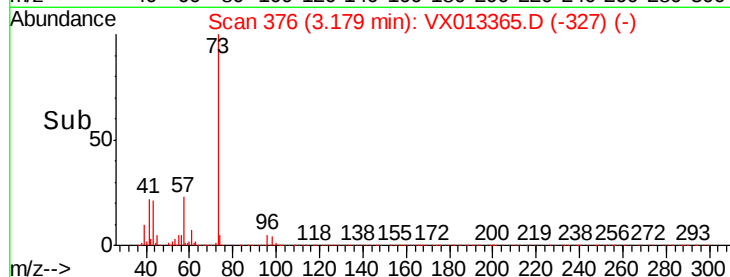
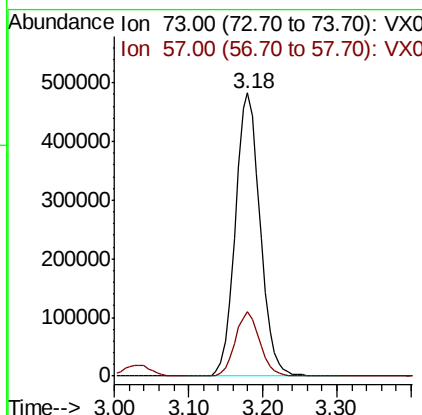
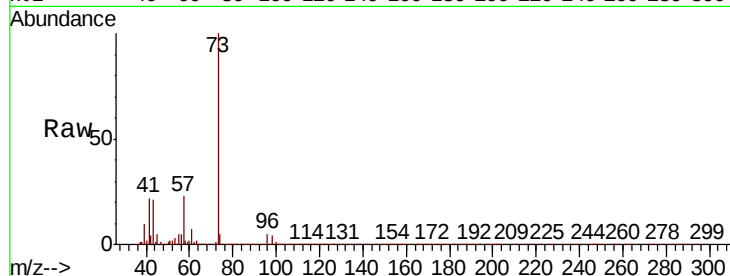




#19
Methvl tert-butvl Ether
Concen: 52.639 ug/l
RT: 3.18 min Scan# 376
Delta R.T. 0.00 min
Lab File: VX013365.D
Acq: 08 Nov 2019 18:11

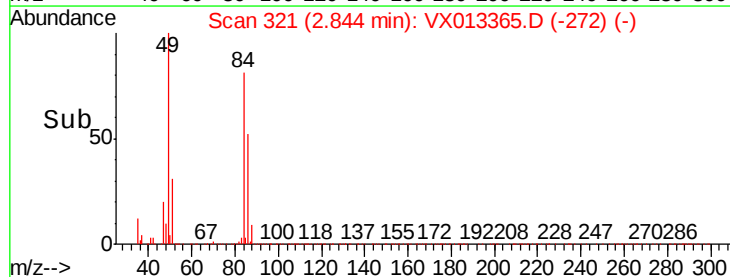
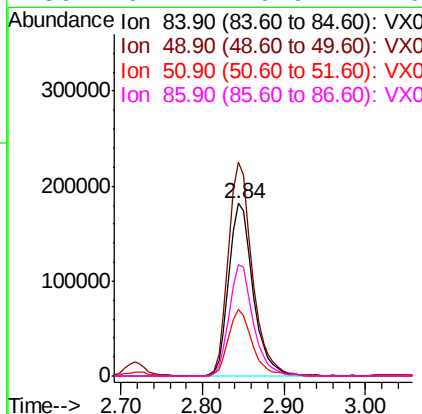
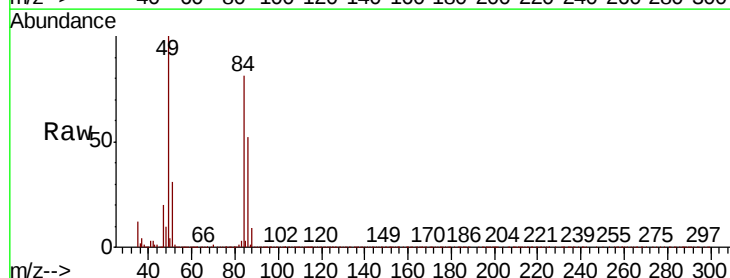
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

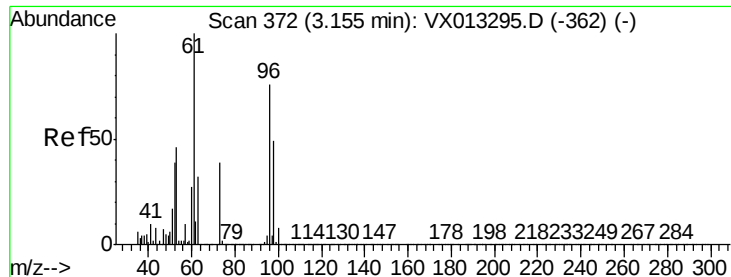
Tot Ion: 73 Resp: 1125505
Ion Ratio Lower Upper
73 100
57 22.9 17.1 25.7



#20
Methylene Chloride
Concen: 48.888 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX013365.D
Acq: 08 Nov 2019 18:11

Tgt Ion: 84 Resp: 373025
Ion Ratio Lower Upper
84 100
49 123.6 98.2 147.4
51 38.7 29.9 44.9
86 64.4 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 49.727 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX013365.D

Acq: 08 Nov 2019 18:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

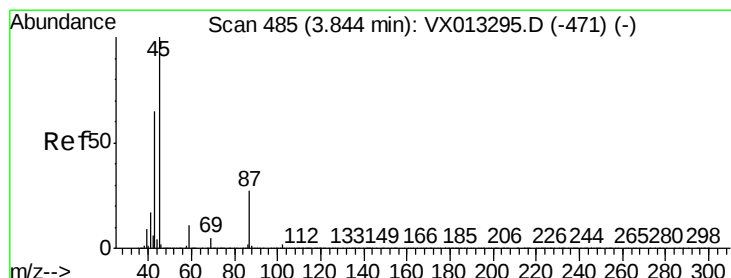
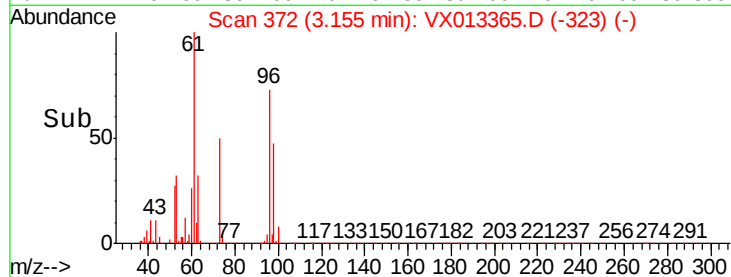
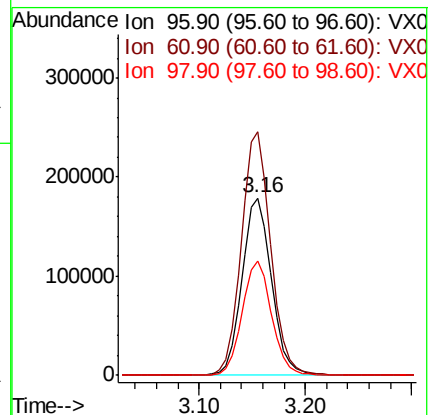
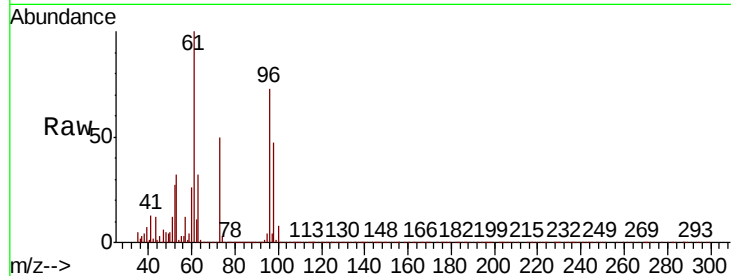
Tot Ion: 96 Resp: 347090

Ion Ratio Lower Upper

96 100

61 137.0 105.8 158.6

98 64.0 51.8 77.6



#22

Diisopropyl ether

Concen: 53.162 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.01 min

Lab File: VX013365.D

Acq: 08 Nov 2019 18:11

Tgt Ion: 45 Resp: 1195487

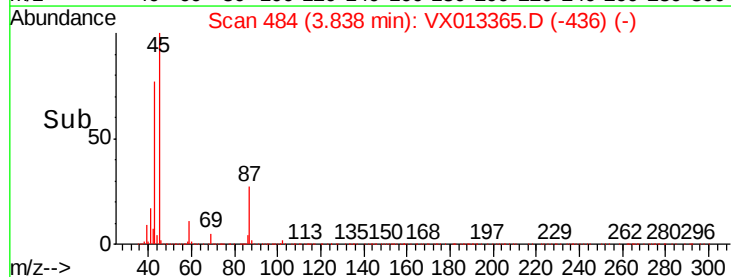
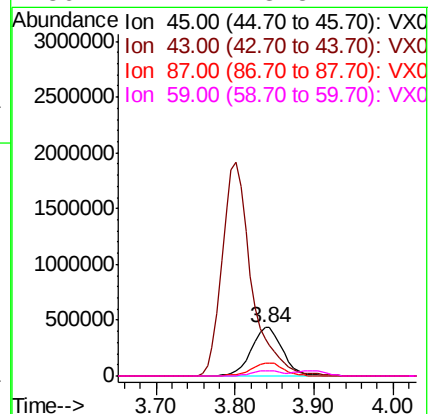
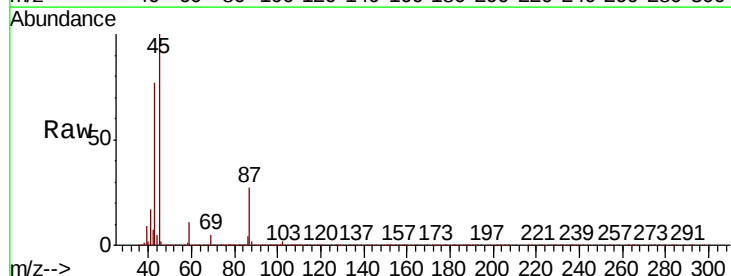
Ion Ratio Lower Upper

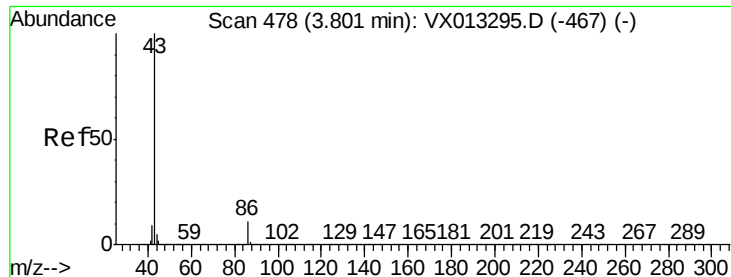
45 100

43 76.5 54.2 81.2

87 26.6 21.8 32.8

59 11.1 8.5 12.7

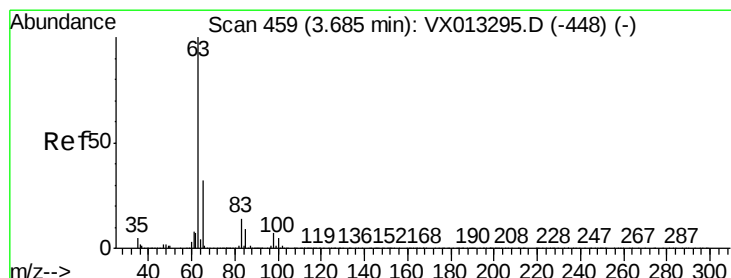
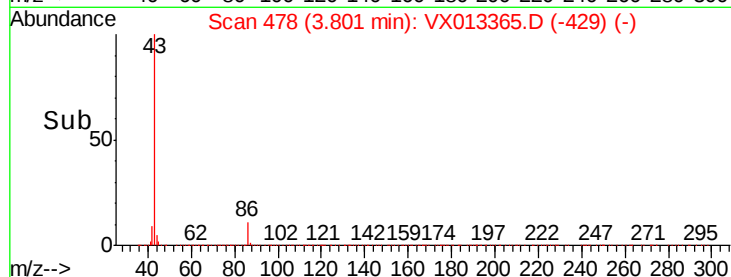
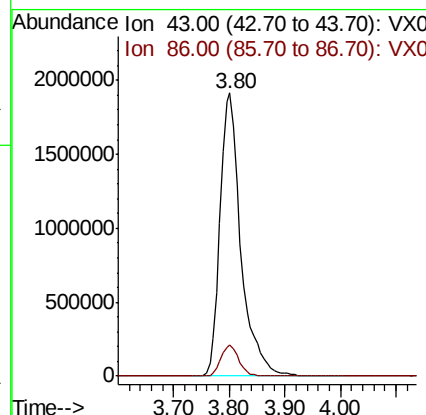
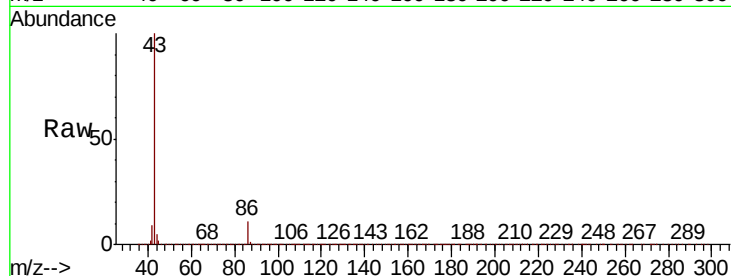




#23
 Vinyl Acetate
 Concen: 258.437 ug/l
 RT: 3.80 min Scan# 478
 Delta R.T. 0.00 min
 Lab File: VX013365.D
 Acq: 08 Nov 2019 18:11

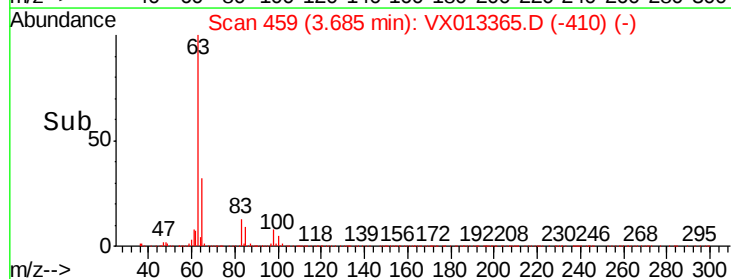
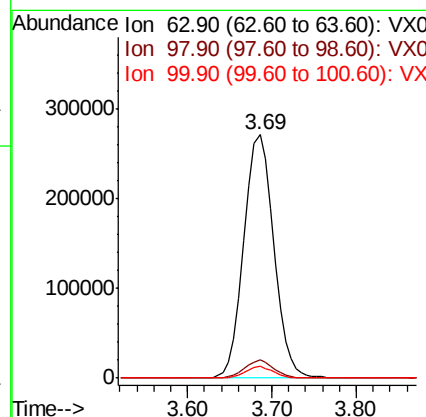
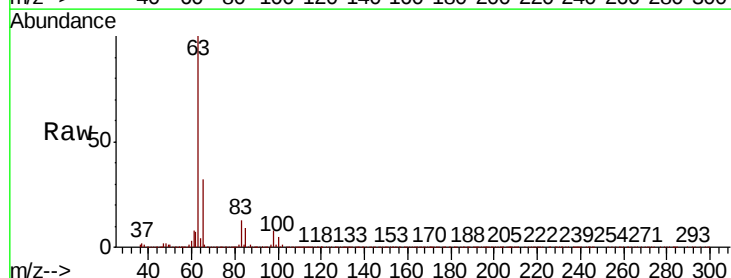
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

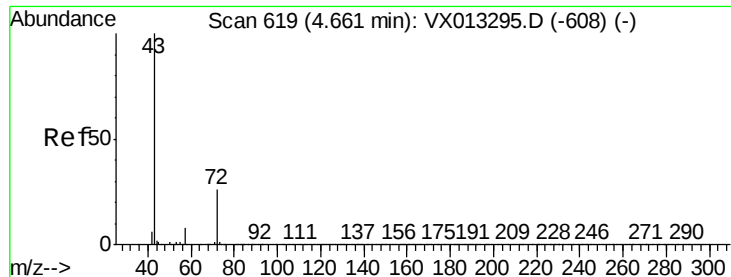
Tot Ion: 43 Resp: 4972966
 Ion Ratio Lower Upper
 43 100
 86 10.9 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 51.883 ug/l
 RT: 3.69 min Scan# 459
 Delta R.T. 0.00 min
 Lab File: VX013365.D
 Acq: 08 Nov 2019 18:11

Tgt Ion: 63 Resp: 652672
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.5 10.4
 100 5.0 2.4 7.2





#25

2-Butanone

Concen: 248.145 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX013365.D

Acq: 08 Nov 2019 18:11

Instrument :

MSVOA_X

ClientSampleId :

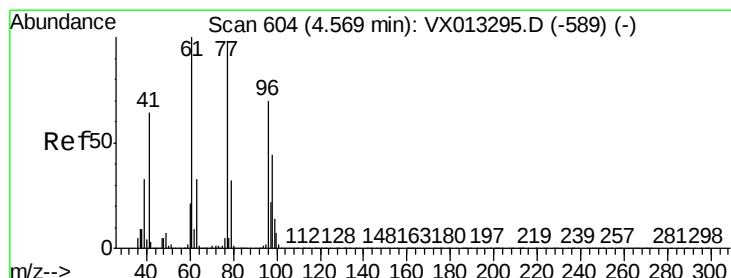
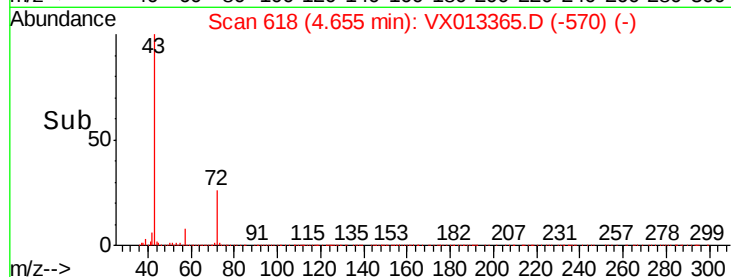
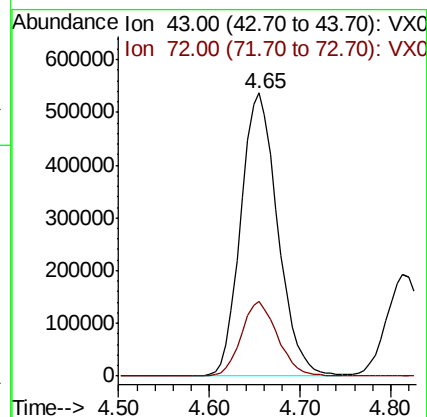
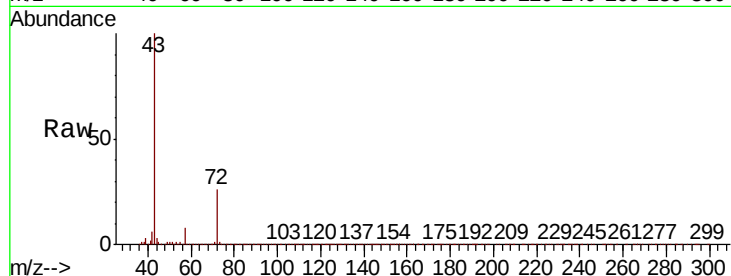
VSTDCCC050EC

Tot Ion: 43 Resp: 1503352

Ion Ratio Lower Upper

43 100

72 26.3 21.0 31.6



#26

2,2-Dichloropropane

Concen: 51.765 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX013365.D

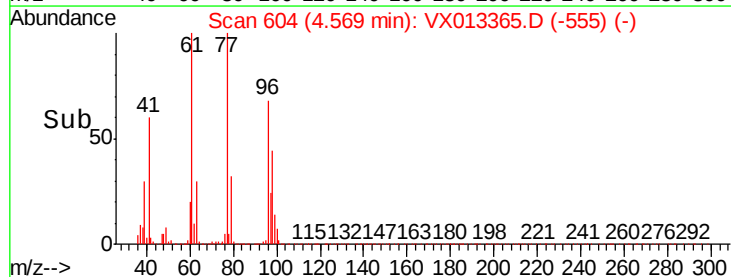
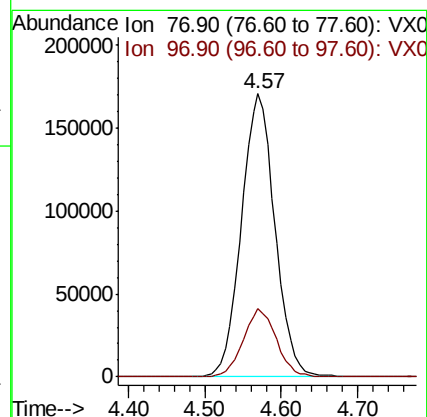
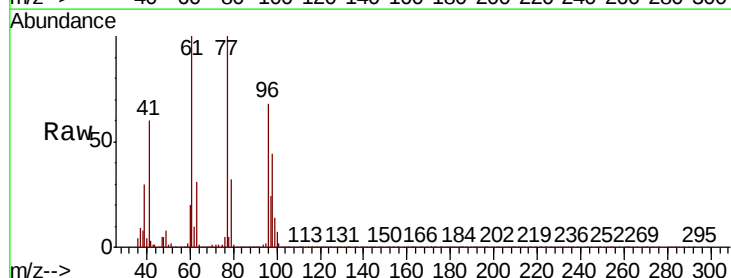
Acq: 08 Nov 2019 18:11

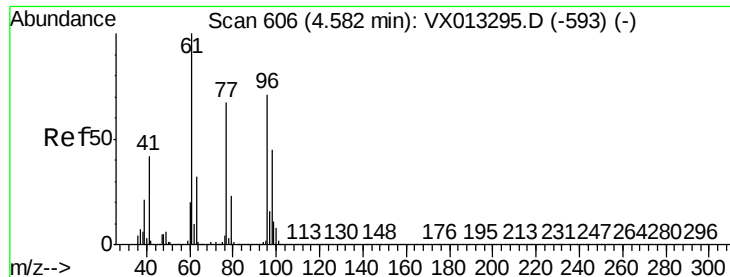
Tgt Ion: 77 Resp: 518035

Ion Ratio Lower Upper

77 100

97 23.8 11.3 33.8



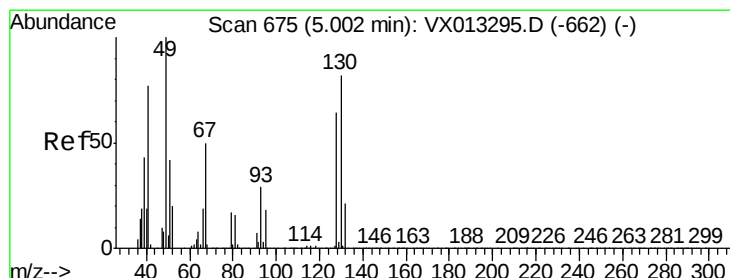
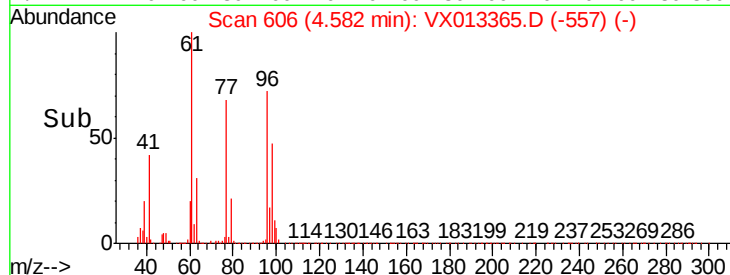
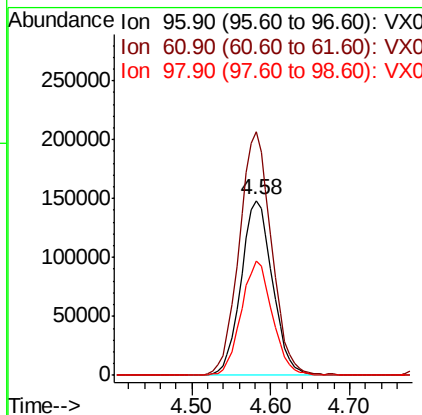
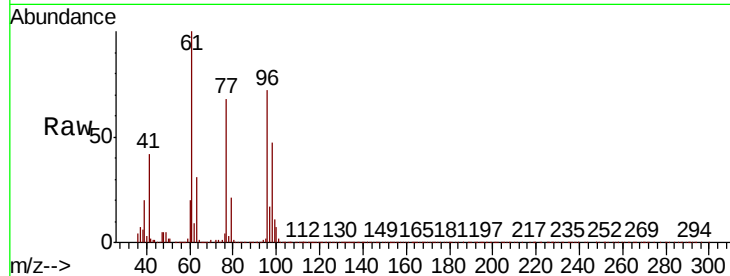


#27

cis-1,2-Dichloroethene
Concen: 52.333 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX013365.D
Acq: 08 Nov 2019 18:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

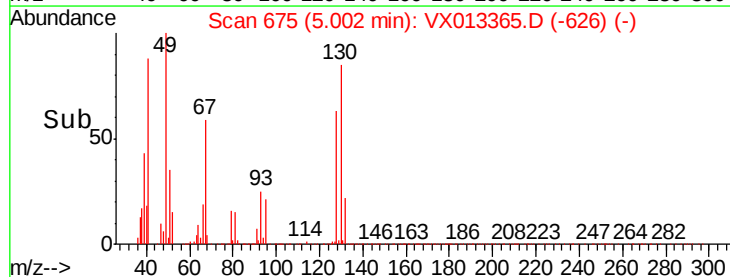
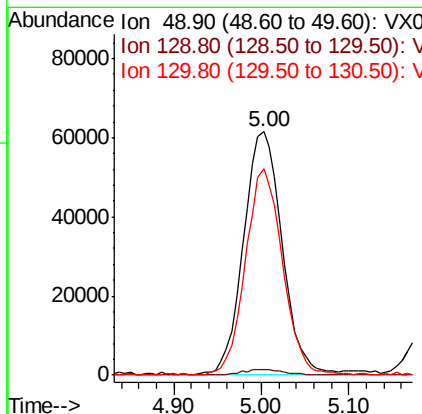
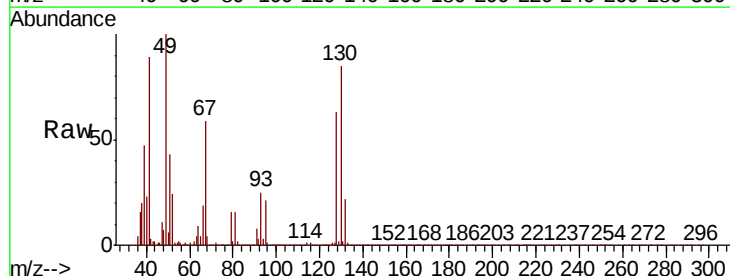
Tot Ion	Ratio	Lower	Upper
96	100		
61	143.6	0.0	288.0
98	65.2	0.0	129.6

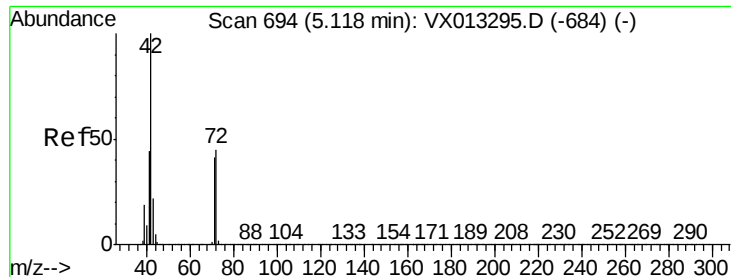


#28

Bromochloromethane
Concen: 52.512 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX013365.D
Acq: 08 Nov 2019 18:11

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	5.2
130	81.8	63.8	95.6





#29

Tetrahydrofuran

Concen: 250.074 ug/l

RT: 5.11 min Scan# 693

Delta R.T. -0.01 min

Lab File: VX013365.D

Acq: 08 Nov 2019 18:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

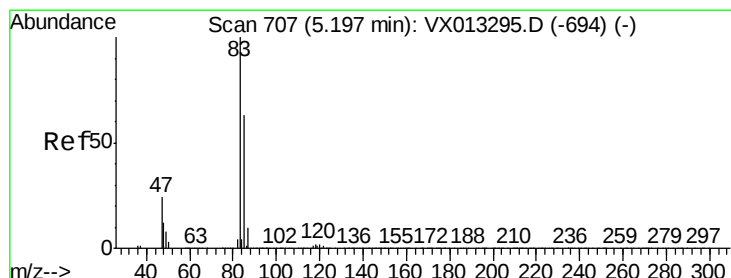
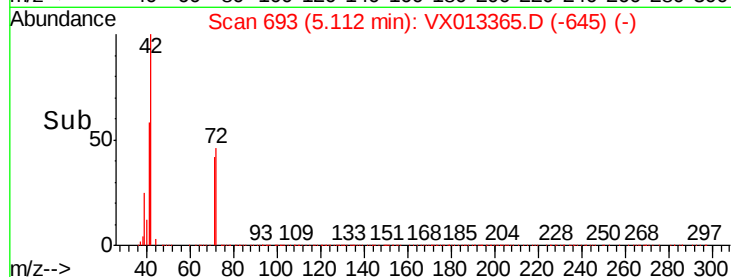
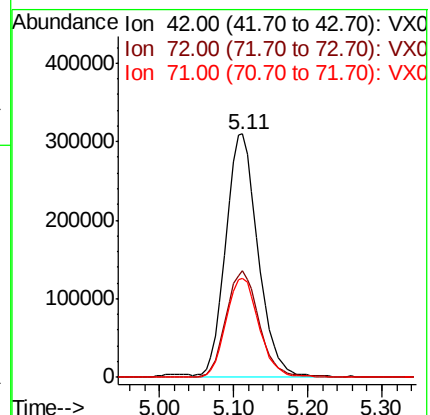
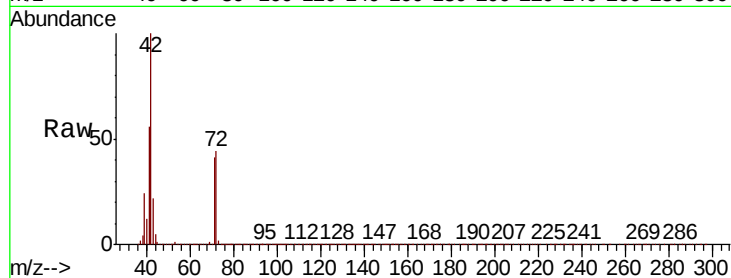
Tot Ion: 42 Resp: 933628

Ion Ratio Lower Upper

42 100

72 45.4 35.8 53.8

71 41.8 33.4 50.0



#30

Chloroform

Concen: 50.962 ug/l

RT: 5.20 min Scan# 707

Delta R.T. 0.00 min

Lab File: VX013365.D

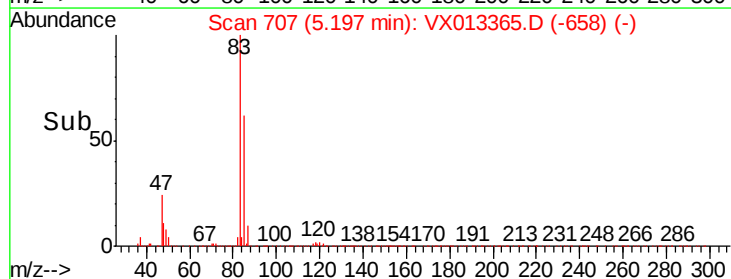
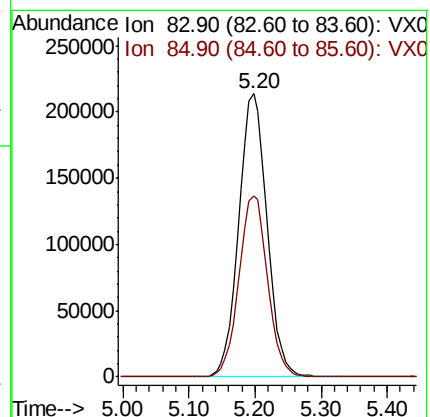
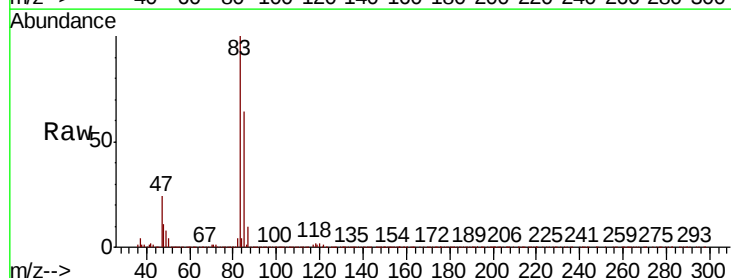
Acq: 08 Nov 2019 18:11

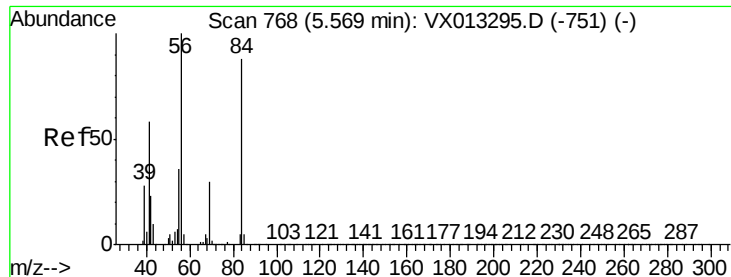
Tgt Ion: 83 Resp: 633029

Ion Ratio Lower Upper

83 100

85 63.7 50.2 75.4

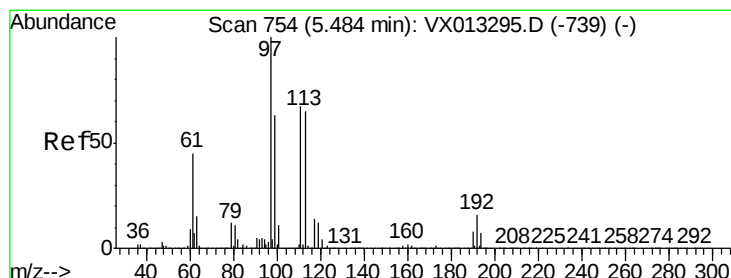
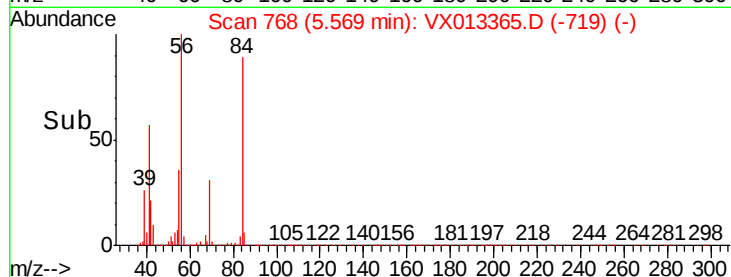
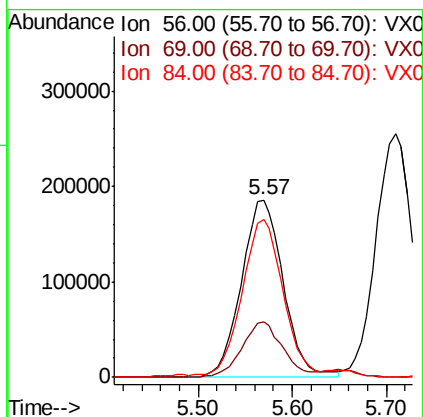
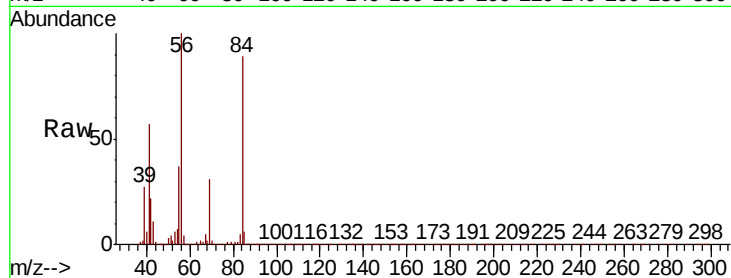




#31
Cyclohexane
Concen: 50.825 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX013365.D
Acq: 08 Nov 2019 18:11

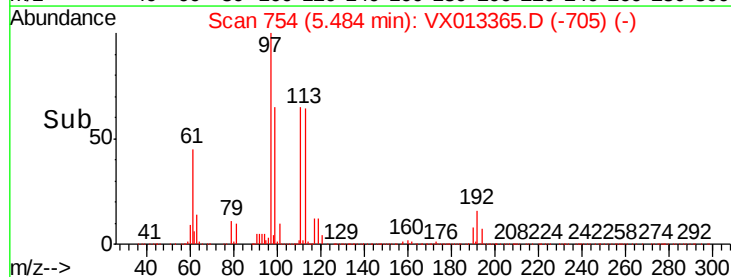
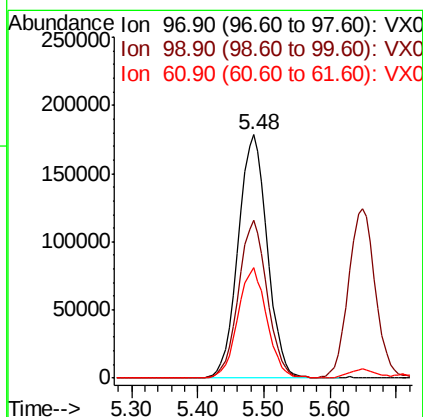
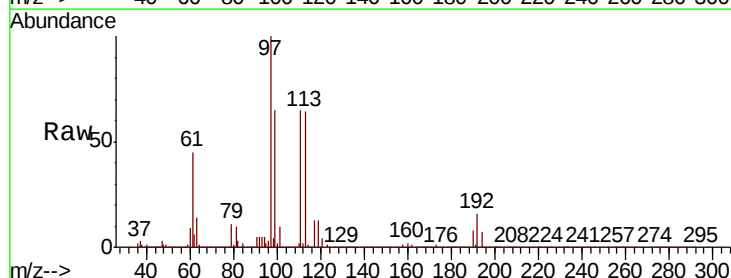
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

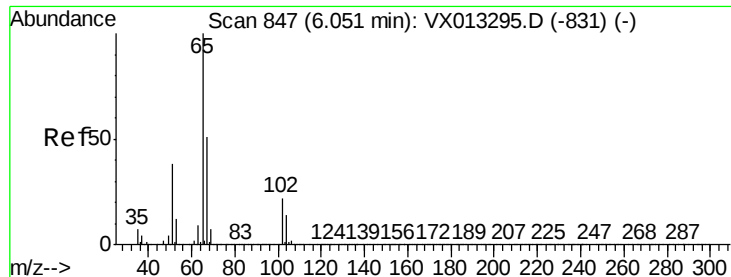
Tot Ion: 56 Resp: 575316
Ion Ratio Lower Upper
56 100
69 30.8 23.7 35.5
84 87.7 70.6 105.8



#32
1,1,1-Trichloroethane
Concen: 50.908 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX013365.D
Acq: 08 Nov 2019 18:11

Tgt Ion: 97 Resp: 544206
Ion Ratio Lower Upper
97 100
99 63.8 51.1 76.7
61 44.7 36.5 54.7





#33

1,2-Dichloroethane-d4

Concen: 47.833 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX013365.D

Acq: 08 Nov 2019 18:11

Instrument :

MSVOA_X

ClientSampleId :

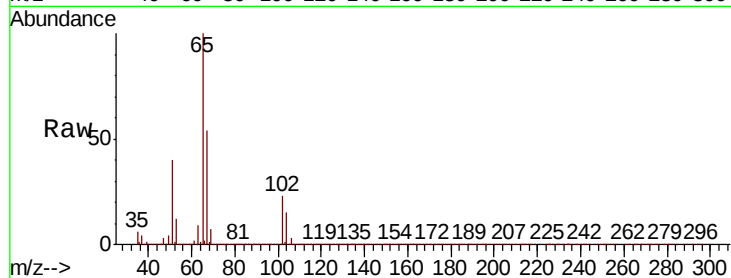
VSTDCCC050EC

Tot Ion: 65 Resp: 396038

Ion Ratio Lower Upper

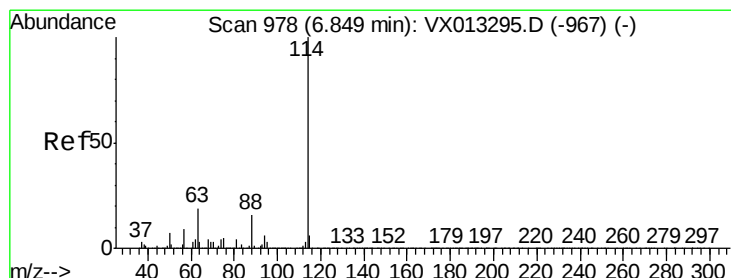
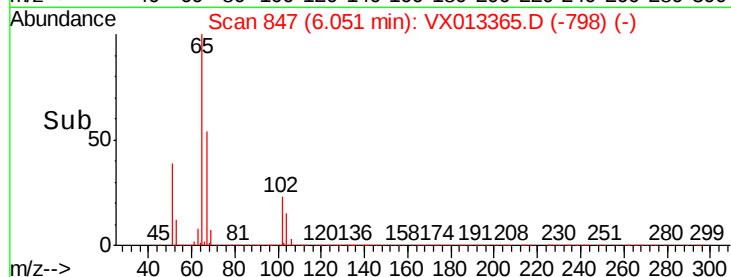
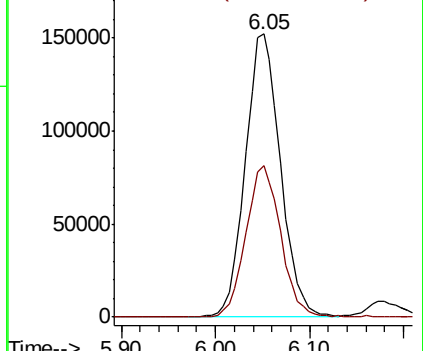
65 100

67 52.8 0.0 104.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX013365.D

Acq: 08 Nov 2019 18:11

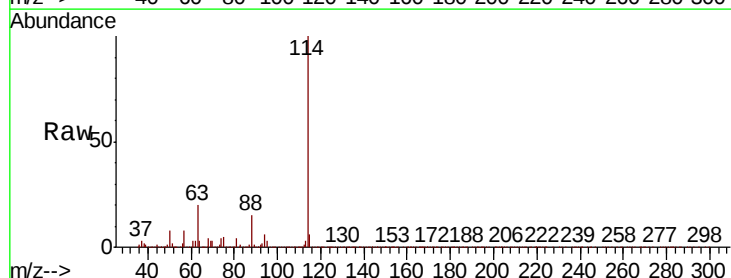
Tgt Ion: 114 Resp: 1073528

Ion Ratio Lower Upper

114 100

63 19.5 0.0 38.4

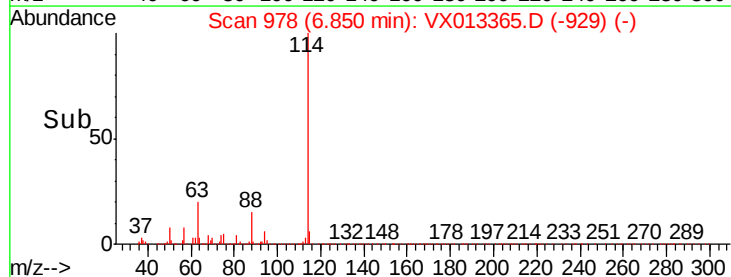
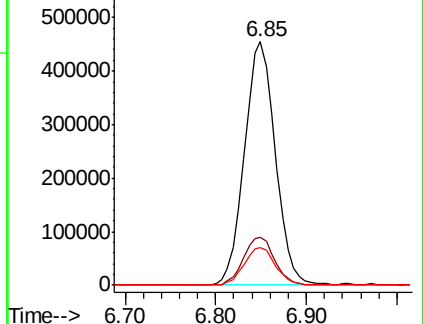
88 15.3 0.0 32.2

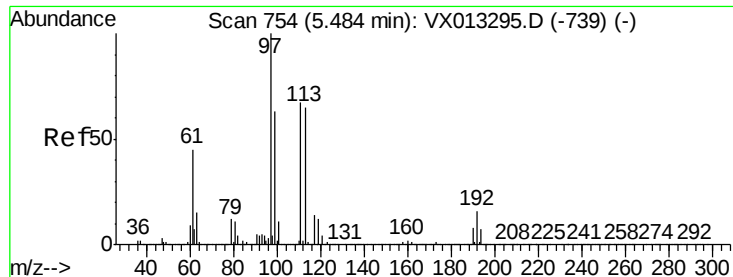


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

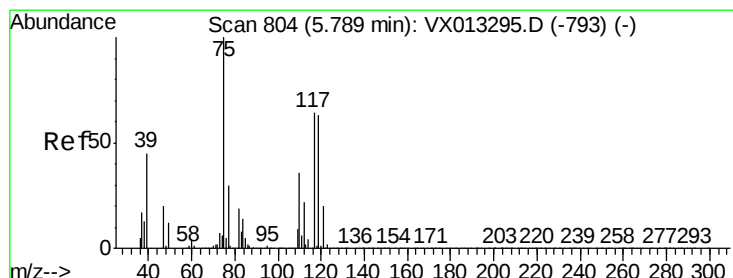
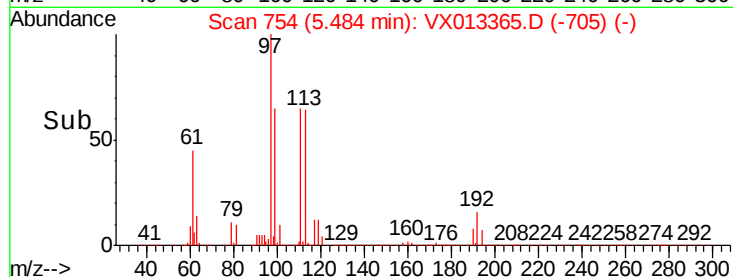
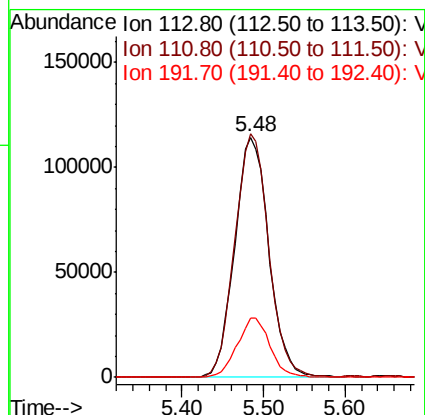
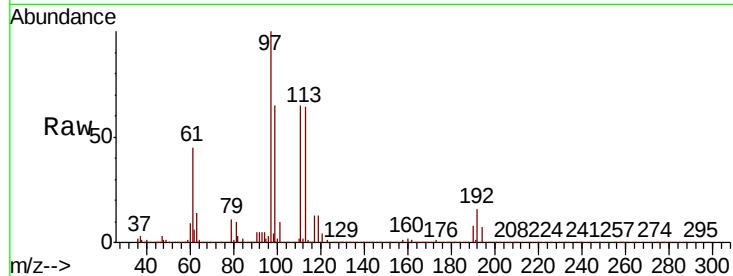




#35
Dibromofluoromethane
Concen: 49.009 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX013365.D
Acq: 08 Nov 2019 18:11

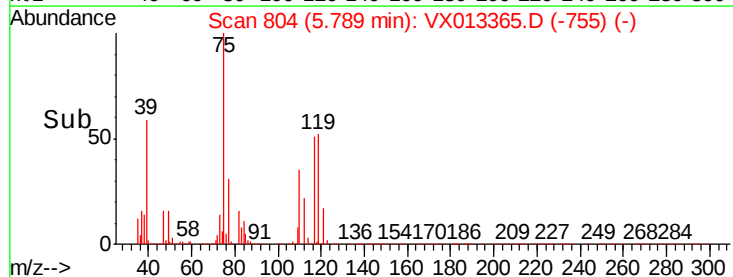
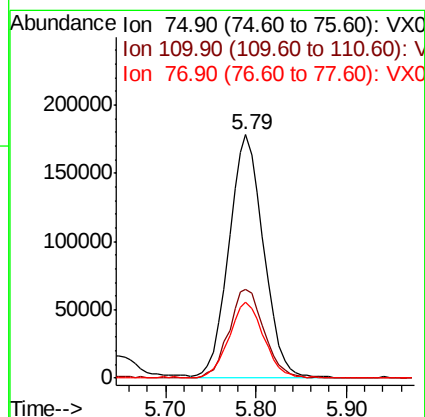
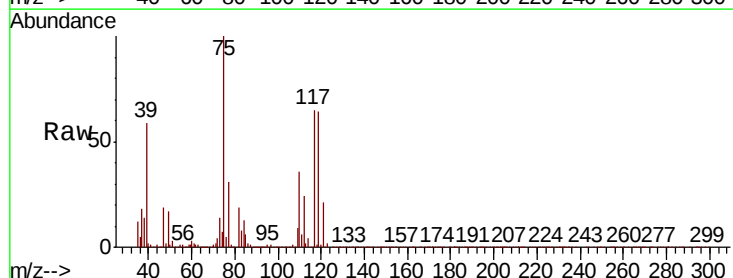
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

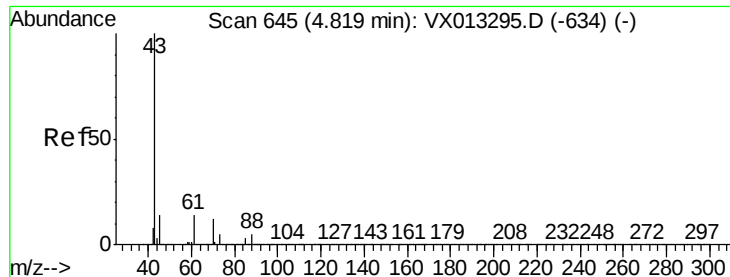
Tot Ion:113 Resp: 329994
Ion Ratio Lower Upper
113 100
111 100.6 81.9 122.9
192 24.1 19.1 28.7



#36
1,1-Dichloropropene
Concen: 51.200 ug/l
RT: 5.79 min Scan# 804
Delta R.T. 0.00 min
Lab File: VX013365.D
Acq: 08 Nov 2019 18:11

Tgt Ion: 75 Resp: 471529
Ion Ratio Lower Upper
75 100
110 37.3 18.1 54.1
77 31.2 25.0 37.4

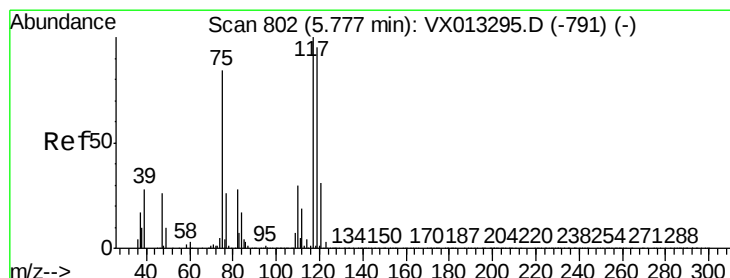
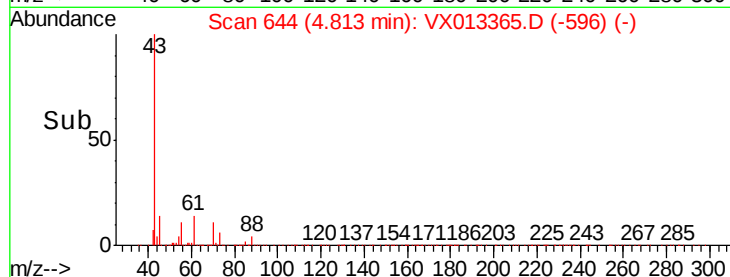
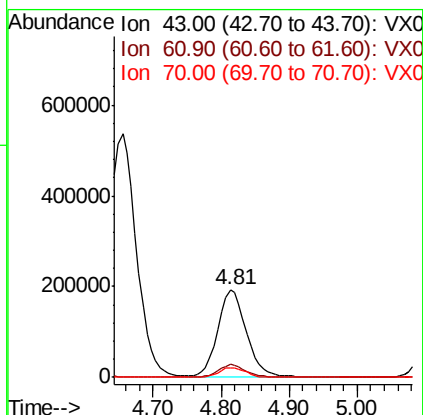
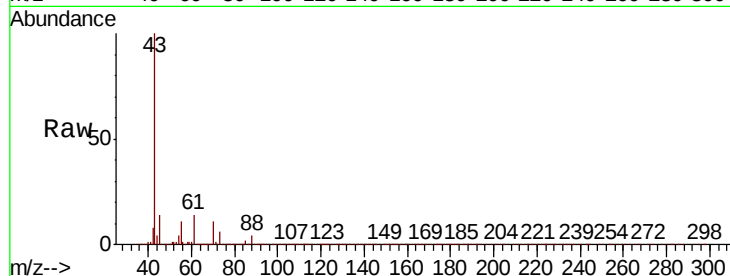




#37
Ethyl Acetate
Concen: 49.149 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX013365.D
Acq: 08 Nov 2019 18:11

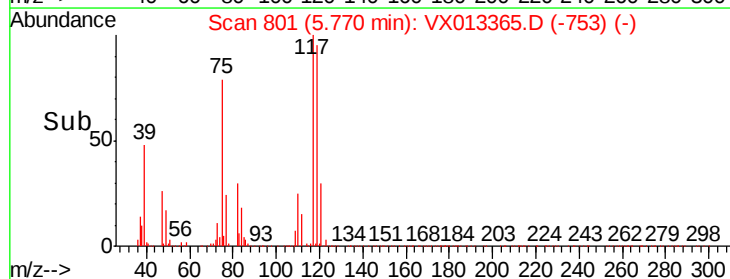
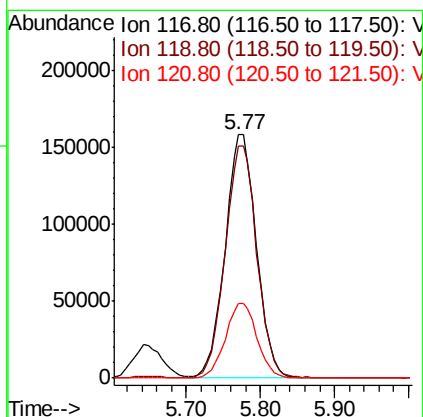
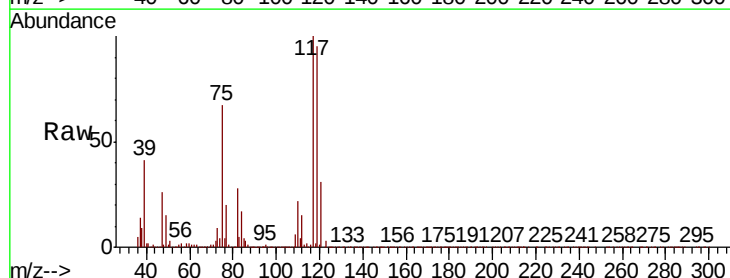
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

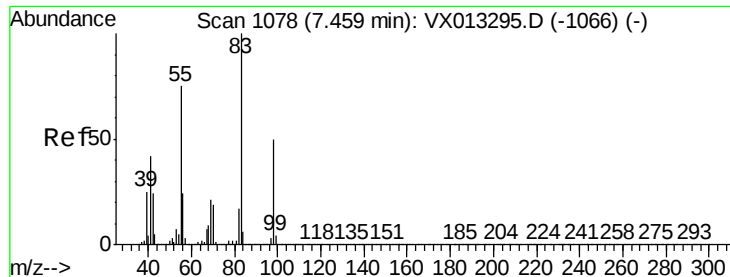
Tot Ion	43	Resp	559314
Ion Ratio	Lower	Upper	
43	100		
61	13.4	10.7	16.1
70	11.0	8.7	13.1



#38
Carbon Tetrachloride
Concen: 51.539 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX013365.D
Acq: 08 Nov 2019 18:11

Tgt Ion	117	Resp	464151
Ion Ratio	Lower	Upper	
117	100		
119	95.3	76.1	114.1
121	30.4	24.6	37.0

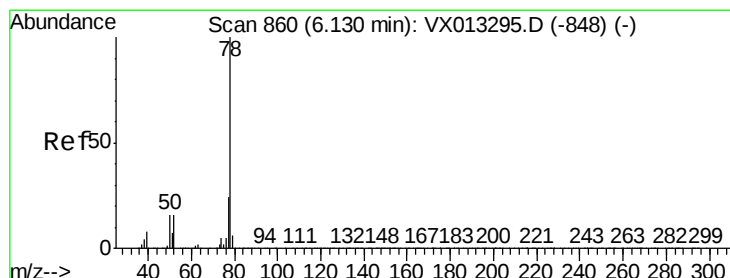
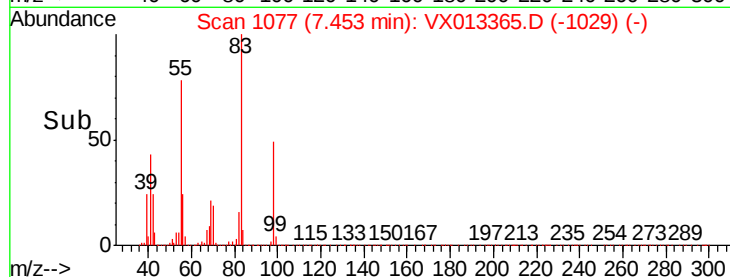
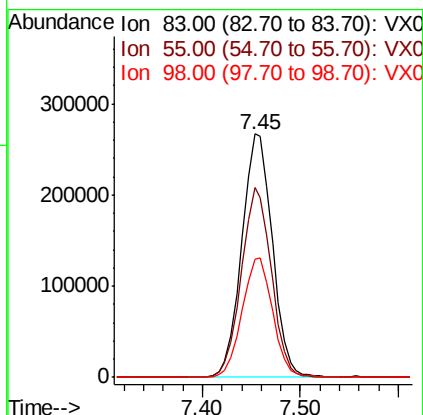
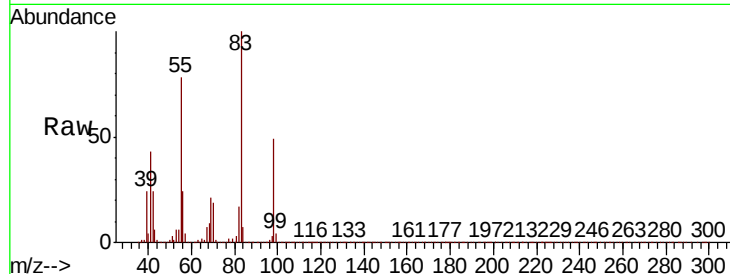




#39
Methvlcvclohexane
Concen: 50.400 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX013365.D
Acq: 08 Nov 2019 18:11

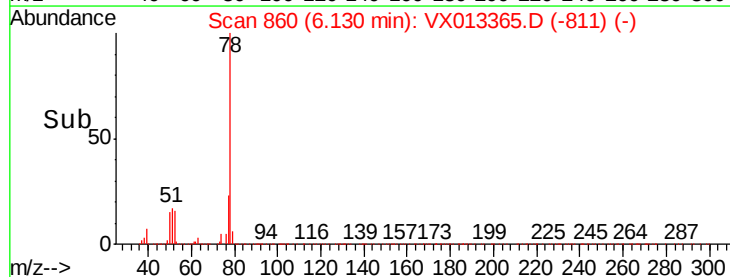
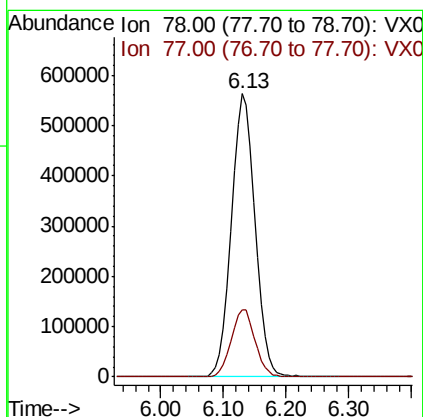
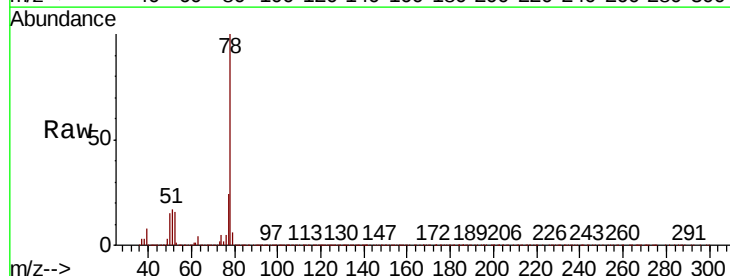
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

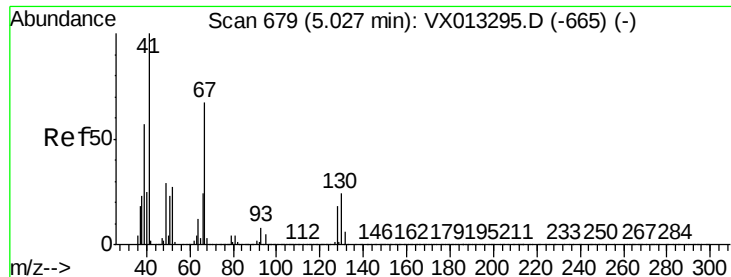
Tot Ion: 83 Resp: 578350
Ion Ratio Lower Upper
83 100
55 77.8 60.3 90.5
98 48.7 40.3 60.5



#40
Benzene
Concen: 51.227 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX013365.D
Acq: 08 Nov 2019 18:11

Tgt Ion: 78 Resp: 1469584
Ion Ratio Lower Upper
78 100
77 23.7 19.5 29.3





#41

Methacrylonitrile

Concen: 49.121 ug/l

RT: 5.02 min Scan# 678

Delta R.T. -0.01 min

Lab File: VX013365.D

Acq: 08 Nov 2019 18:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 313316

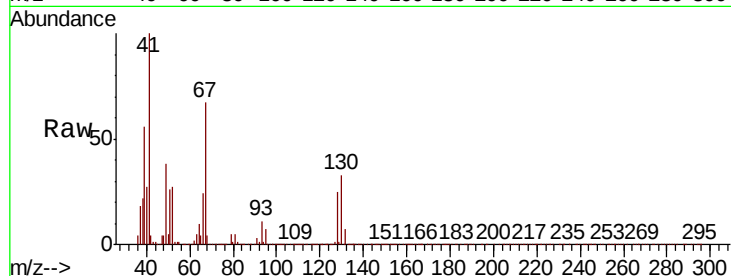
Ion Ratio Lower Upper

41 100

39 56.8 45.0 67.6

67 71.8 55.4 83.2

52 28.2 23.1 34.7

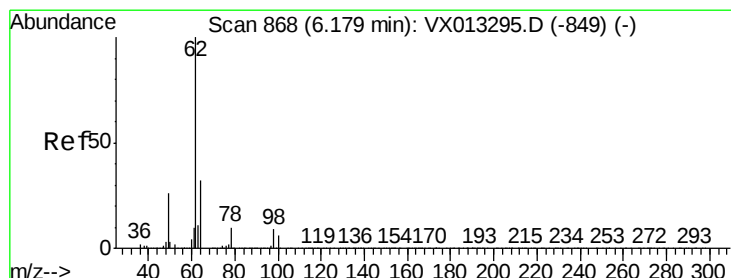
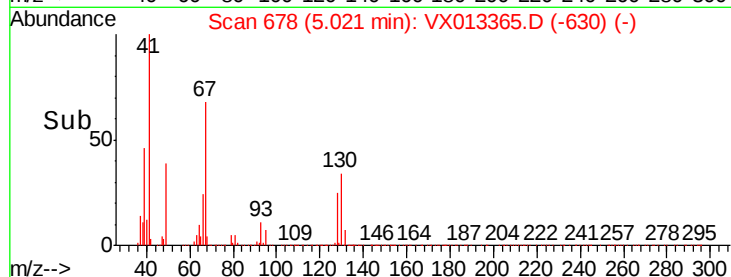
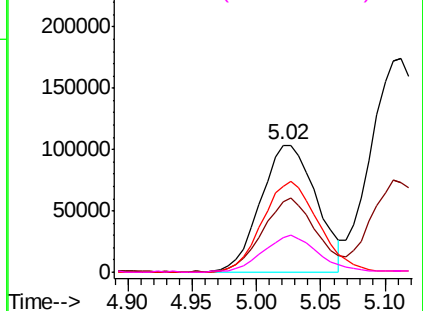


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 50.151 ug/l

RT: 6.18 min Scan# 868

Delta R.T. 0.00 min

Lab File: VX013365.D

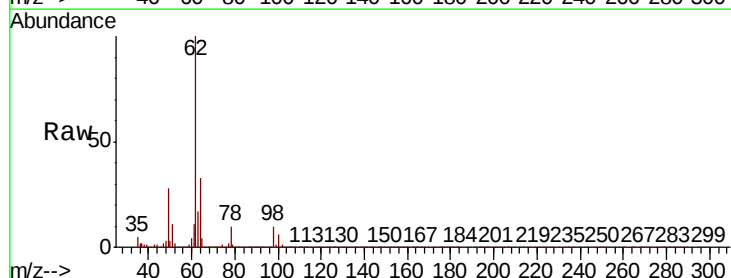
Acq: 08 Nov 2019 18:11

Tgt Ion: 62 Resp: 518946

Ion Ratio Lower Upper

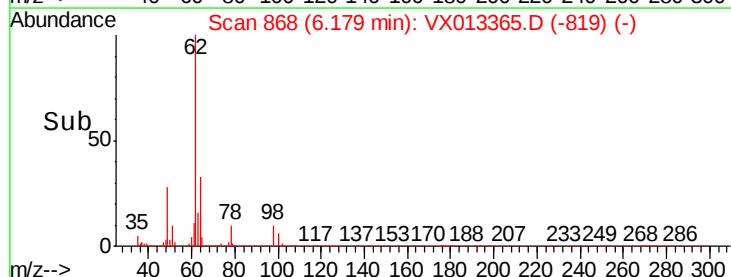
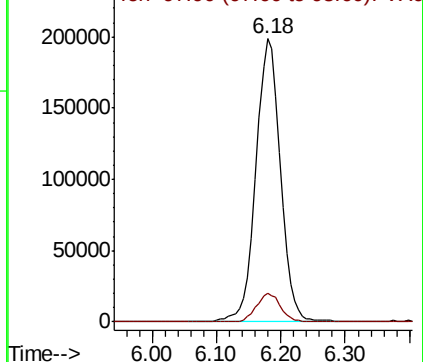
62 100

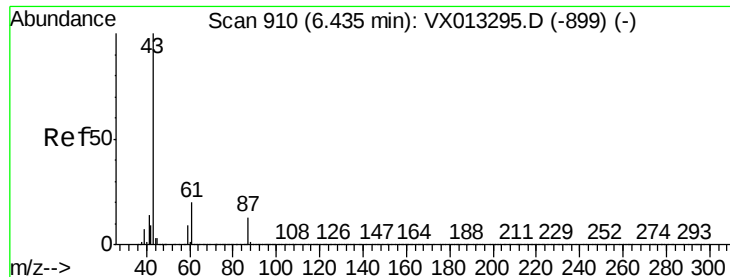
98 9.7 0.0 19.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 51.504 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX013365.D

Acq: 08 Nov 2019 18:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

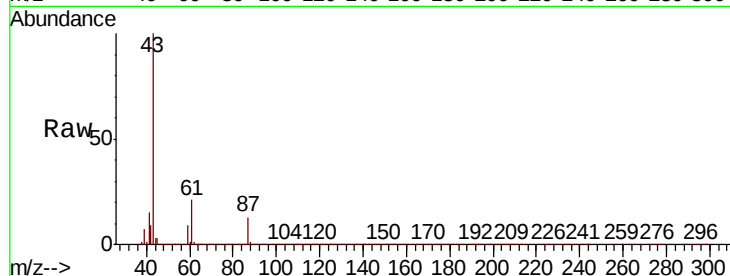
Tot Ion: 43 Resp: 912676

Ion Ratio Lower Upper

43 100

61 20.0 15.8 23.8

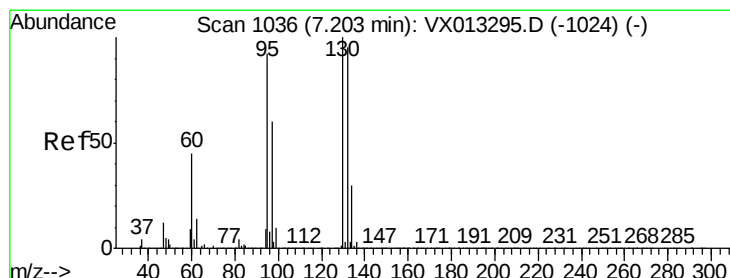
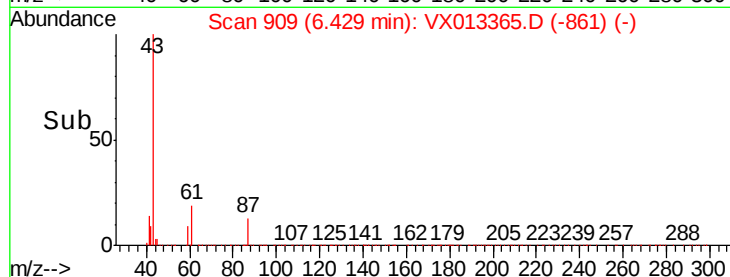
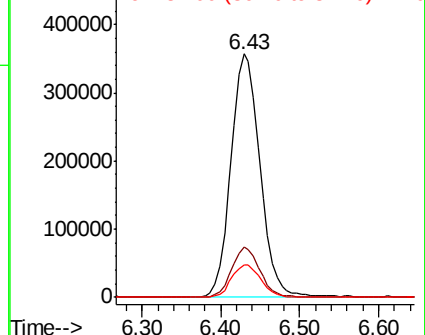
87 13.4 10.4 15.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 49.817 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. 0.00 min

Lab File: VX013365.D

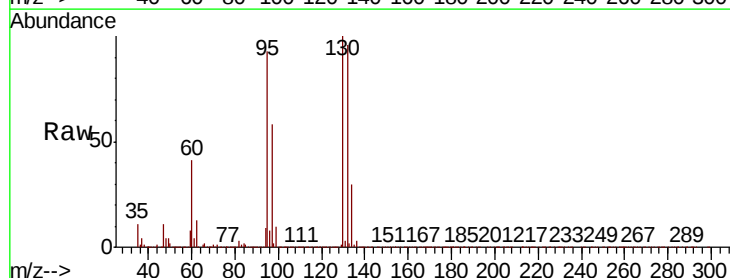
Acq: 08 Nov 2019 18:11

Tgt Ion: 130 Resp: 393387

Ion Ratio Lower Upper

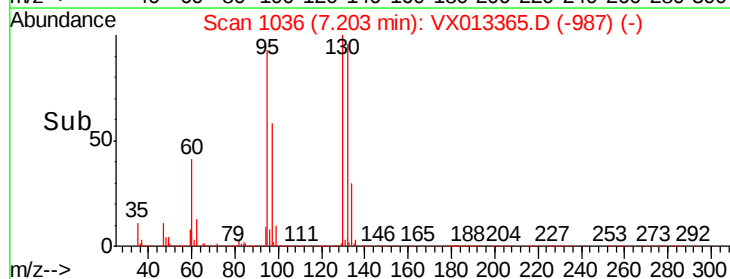
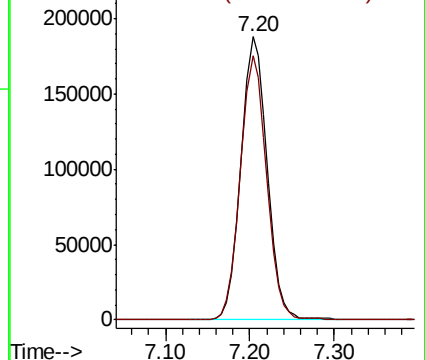
130 100

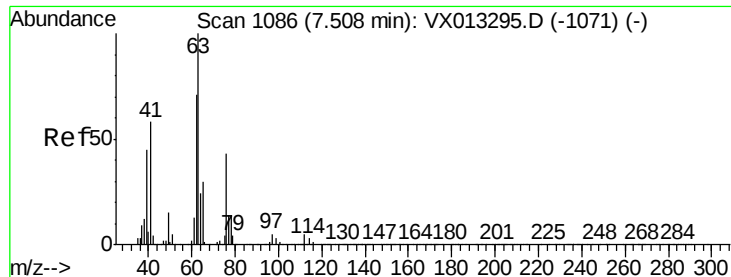
95 93.4 0.0 184.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

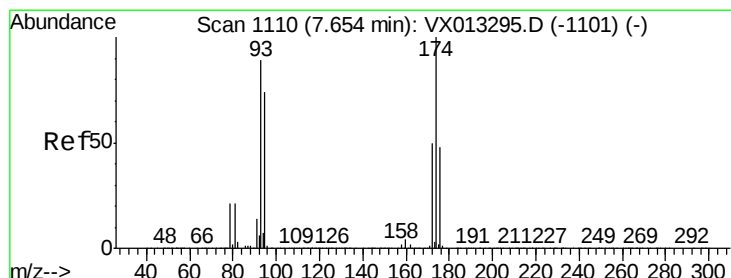
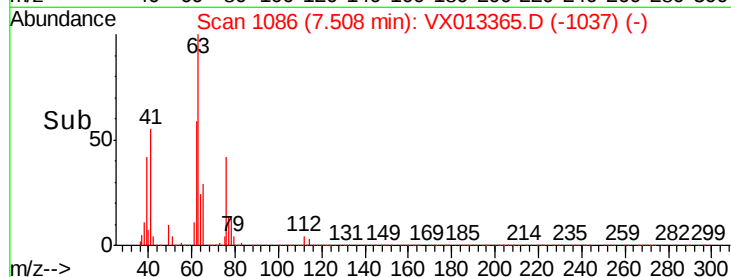
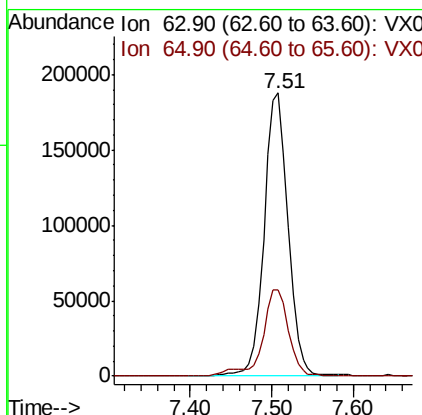
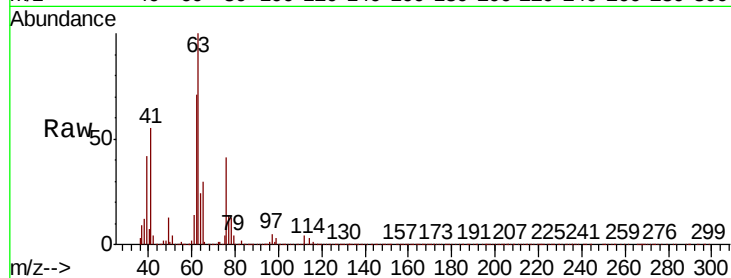




#45
 1,2-Dichloropropane
 Concen: 52.196 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX013365.D
 Acq: 08 Nov 2019 18:11

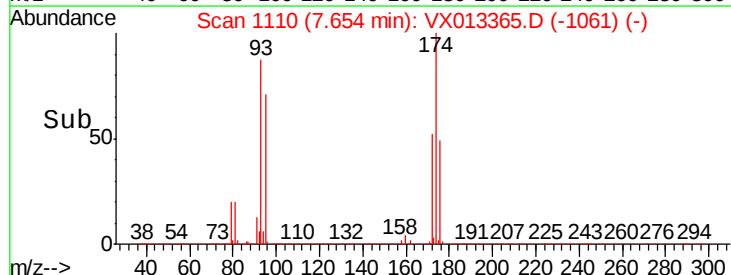
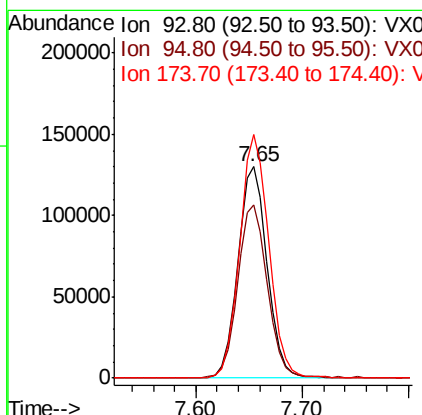
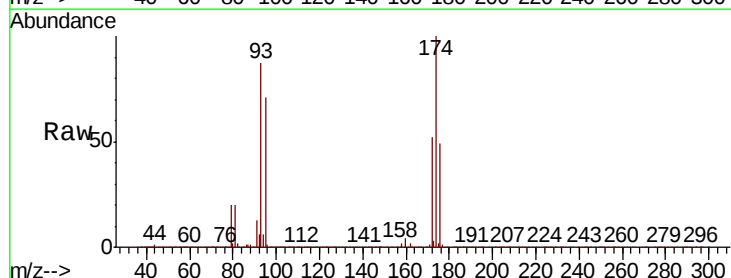
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

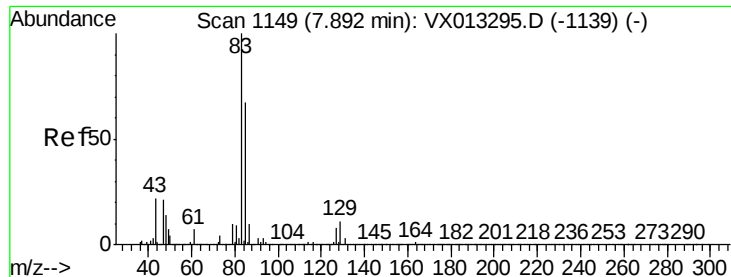
Tot Ion: 63 Resp: 381522
 Ion Ratio Lower Upper
 63 100
 65 30.5 24.3 36.5



#46
 Dibromomethane
 Concen: 50.010 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX013365.D
 Acq: 08 Nov 2019 18:11

Tgt Ion: 93 Resp: 249586
 Ion Ratio Lower Upper
 93 100
 95 82.7 65.8 98.6
 174 115.6 90.4 135.6





#47

Bromodichloromethane

Concen: 52.313 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX013365.D

Acq: 08 Nov 2019 18:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

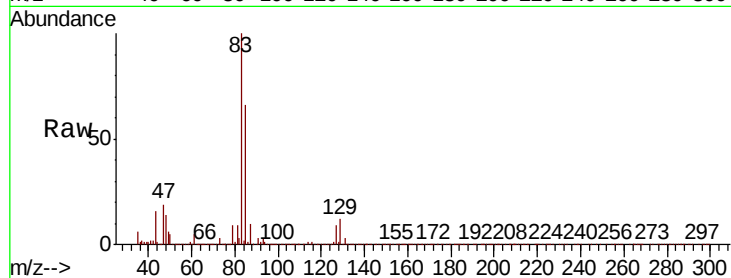
Tot Ion: 83 Resp: 492316

Ion Ratio Lower Upper

83 100

85 65.9 53.7 80.5

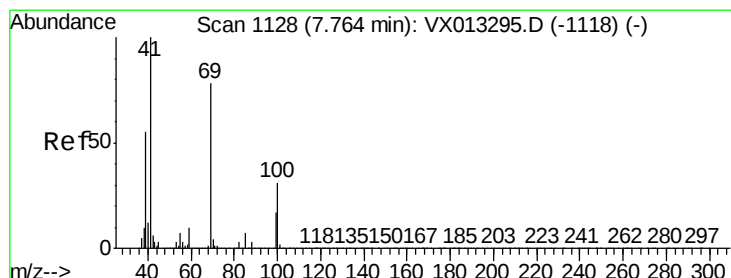
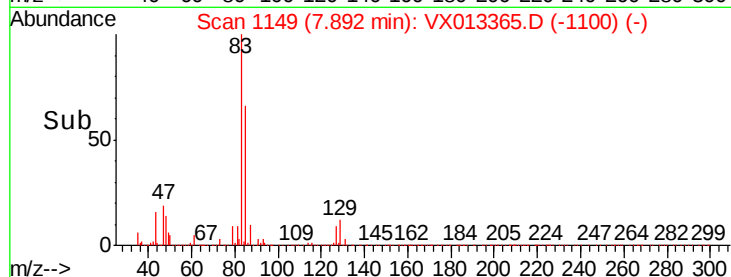
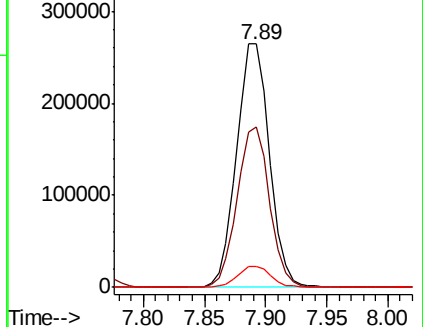
127 8.7 6.4 9.6



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: 52.107 ug/l

RT: 7.76 min Scan# 1127

Delta R.T. -0.01 min

Lab File: VX013365.D

Acq: 08 Nov 2019 18:11

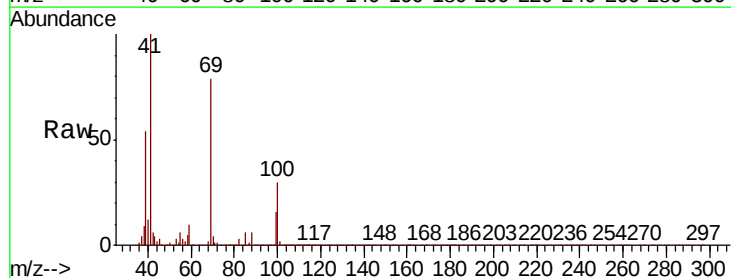
Tgt Ion: 41 Resp: 460918

Ion Ratio Lower Upper

41 100

69 81.0 63.0 94.6

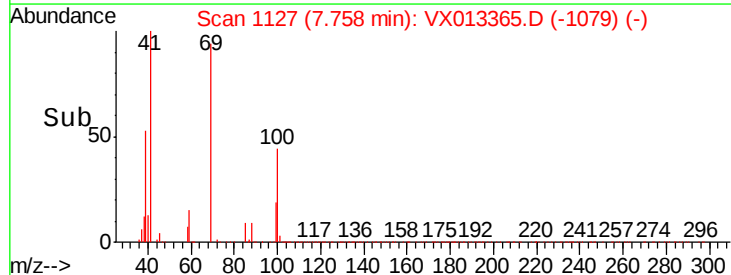
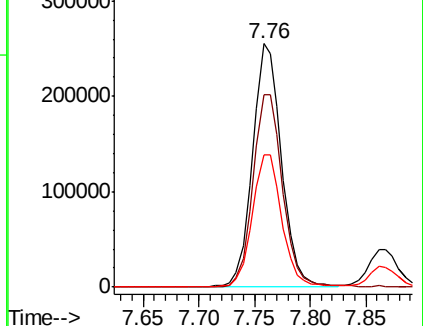
39 55.3 45.9 68.9

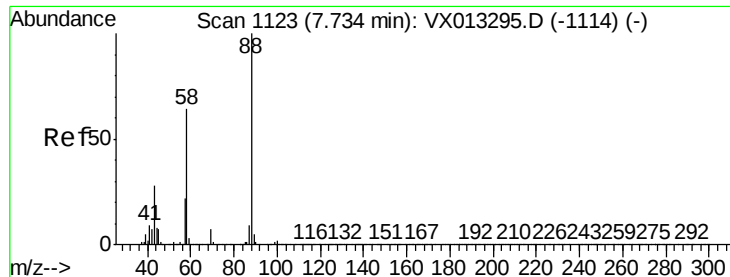


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 956.337 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VX013365.D

Acq: 08 Nov 2019 18:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

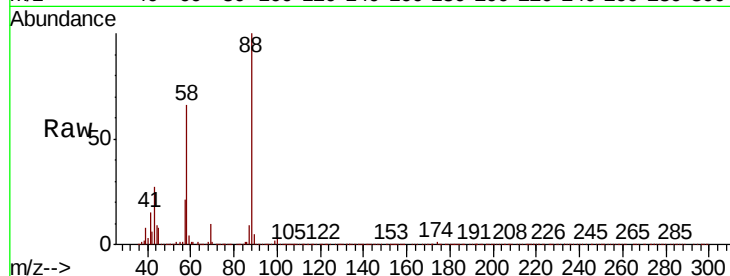
Tot Ion: 88 Resp: 193731

Ion Ratio Lower Upper

88 100

43 32.0 26.6 39.8

58 69.3 55.0 82.6

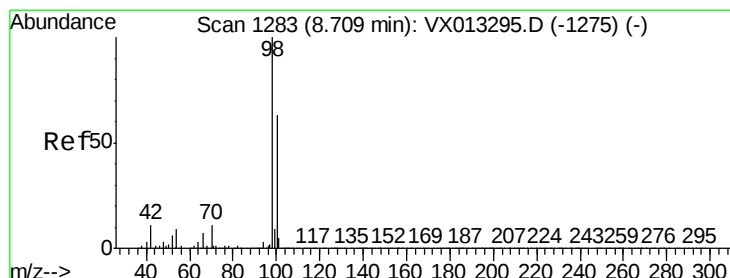
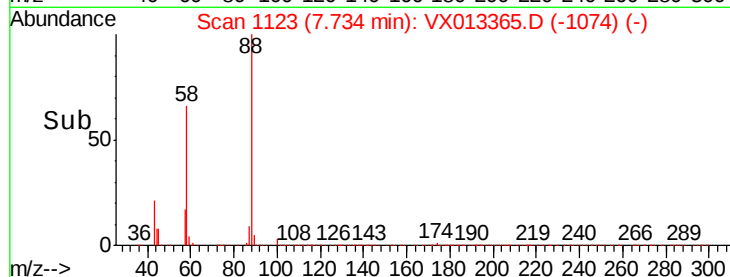
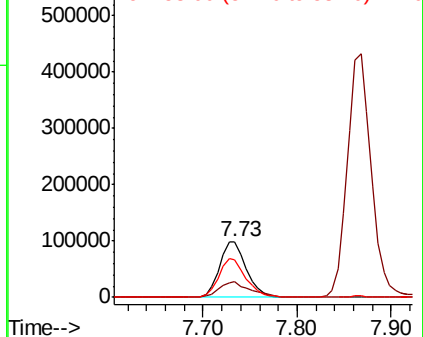


Abundance

Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 49.776 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX013365.D

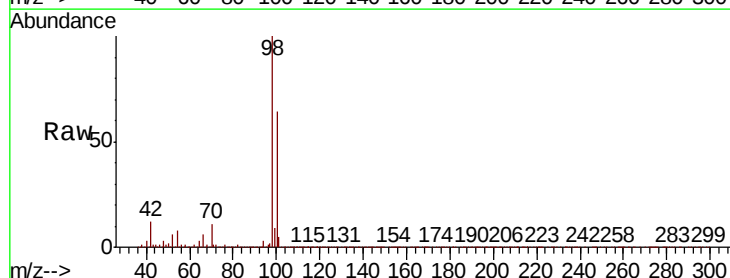
Acq: 08 Nov 2019 18:11

Tgt Ion: 98 Resp: 1263519

Ion Ratio Lower Upper

98 100

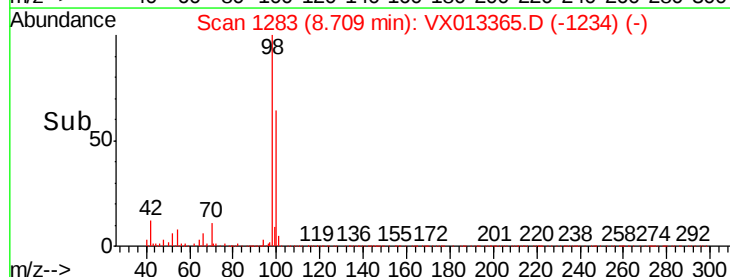
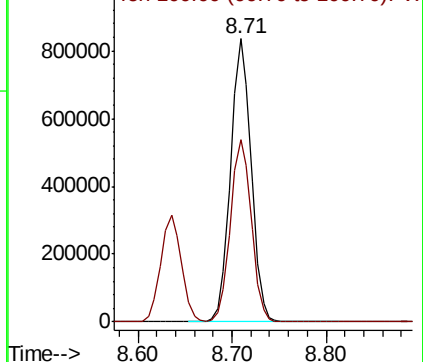
100 65.3 52.2 78.2

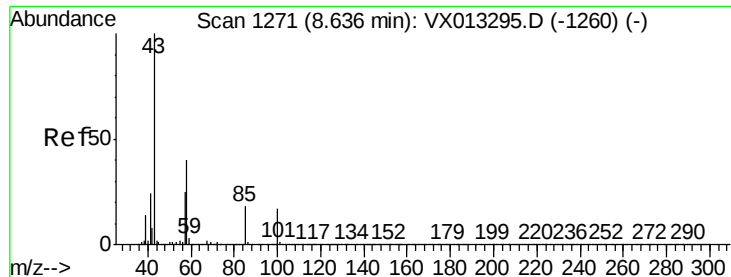


Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 249.765 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX013365.D

Acq: 08 Nov 2019 18:11

Instrument :

MSVOA_X

ClientSampleId :

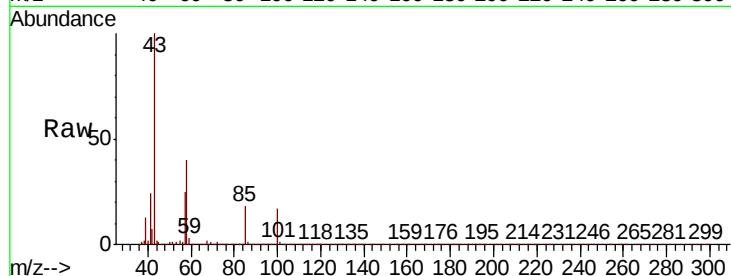
VSTDCCC050EC

Tot Ion: 43 Resp: 2903815

Ion Ratio Lower Upper

43 100

58 39.8 31.4 47.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2000000

1500000

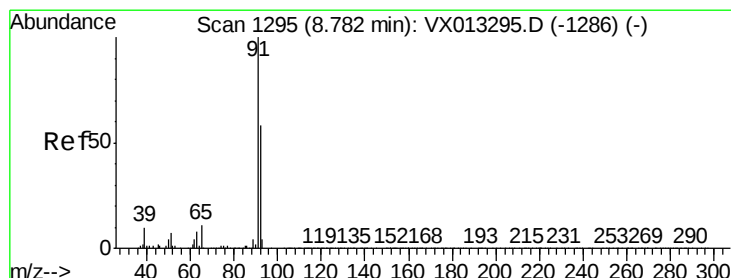
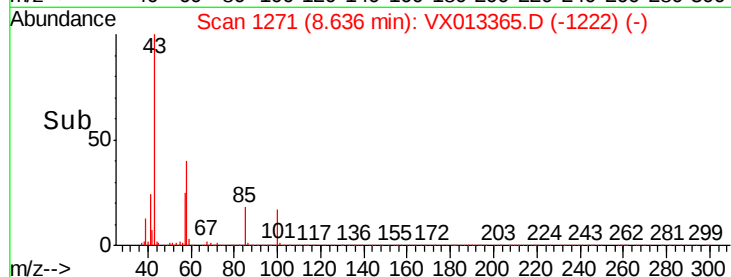
1000000

500000

0

8.55 8.60 8.65 8.70

Time-->



#52

Toluene

Concen: 51.851 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX013365.D

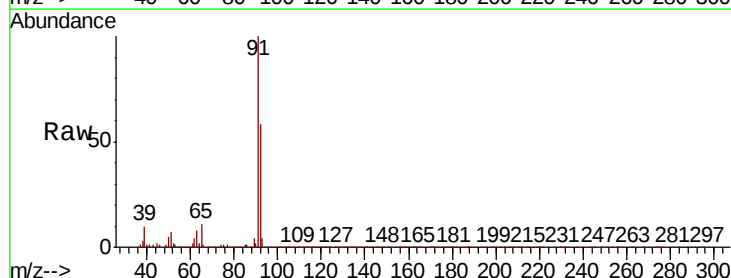
Acq: 08 Nov 2019 18:11

Tgt Ion: 92 Resp: 921933

Ion Ratio Lower Upper

92 100

91 171.9 138.0 207.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

1200000

1000000

800000

600000

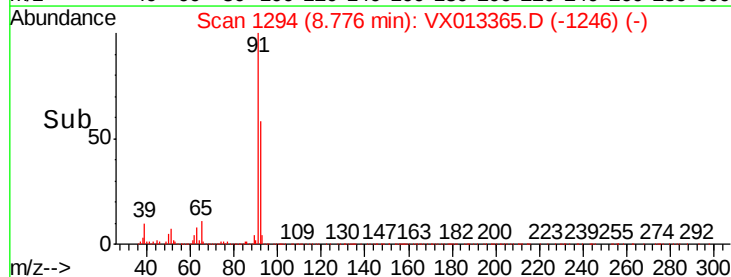
400000

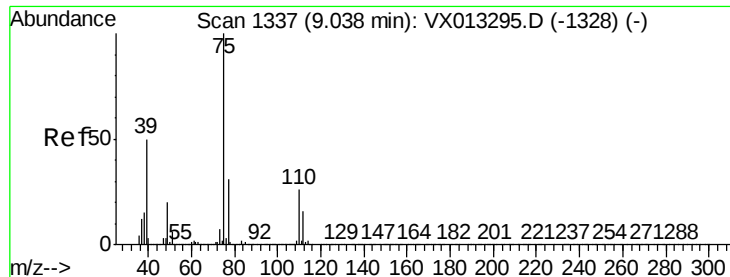
200000

0

8.70 8.75 8.80 8.85 8.90

Time-->





#53

t-1,3-Dichloropropene

Concen: 54.210 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. -0.01 min

Lab File: VX013365.D

Acq: 08 Nov 2019 18:11

Instrument :

MSVOA_X

ClientSampleId :

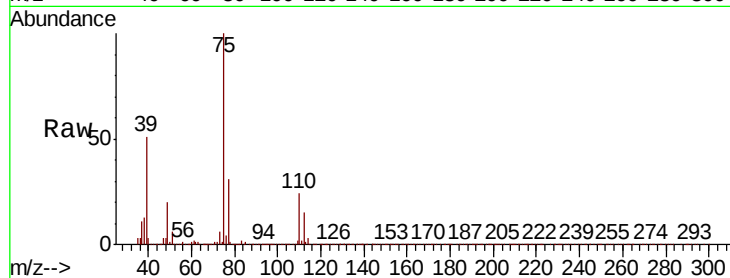
VSTDCCC050EC

Tot Ion: 75 Resp: 557867

Ion Ratio Lower Upper

75 100

77 30.9 25.0 37.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.03

400000

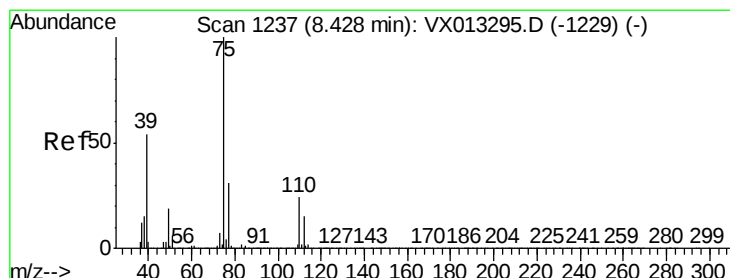
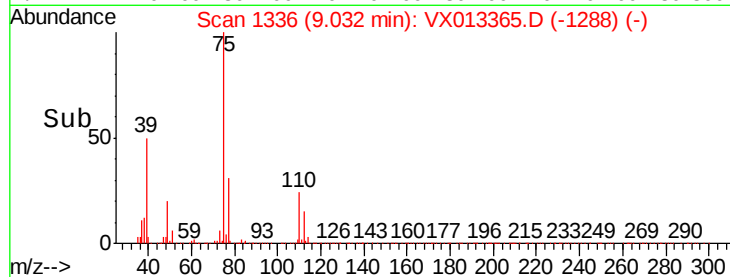
300000

200000

100000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 53.322 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX013365.D

Acq: 08 Nov 2019 18:11

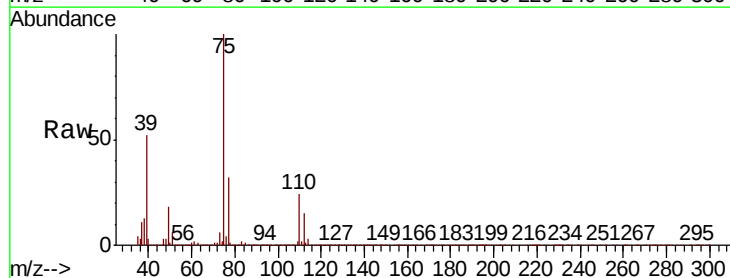
Tgt Ion: 75 Resp: 613812

Ion Ratio Lower Upper

75 100

77 32.0 24.7 37.1

39 51.8 43.0 64.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

8.43

500000

400000

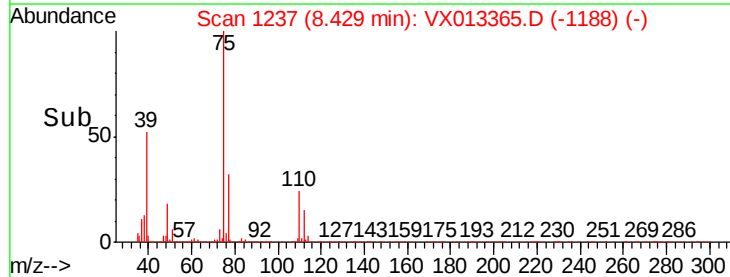
300000

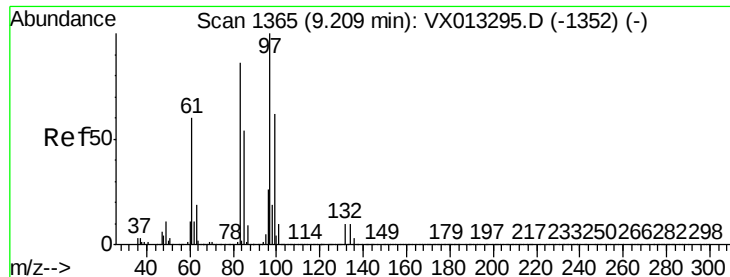
200000

100000

0

Time-->





#55

1,1,2-Trichloroethane

Concen: 52.155 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. 0.00 min

Lab File: VX013365.D

Acq: 08 Nov 2019 18:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 97 Resp: 384371

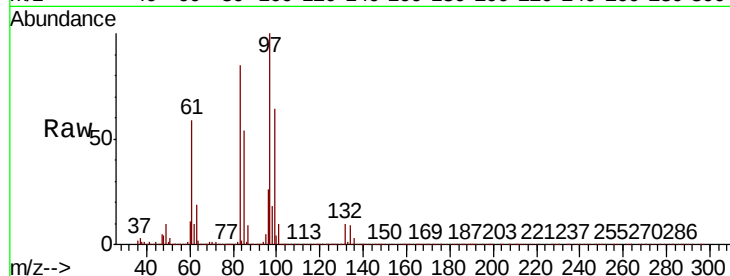
Ion Ratio Lower Upper

97 100

83 84.8 68.6 103.0

85 53.9 43.1 64.7

99 64.3 49.4 74.0

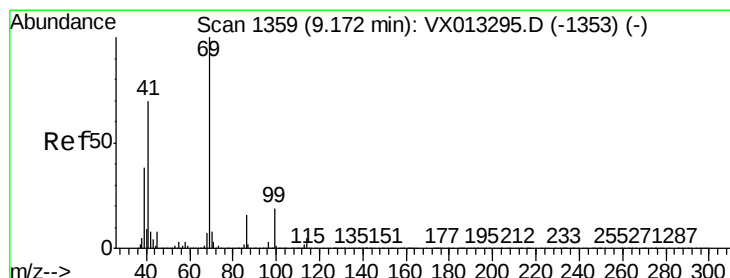
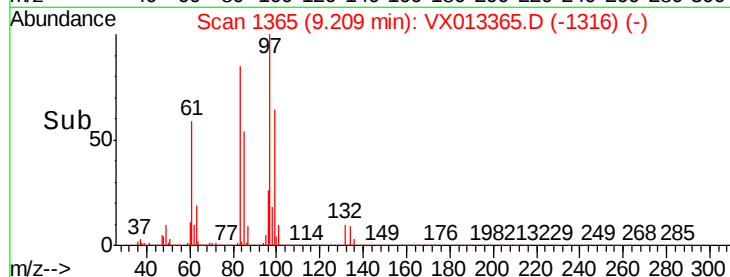
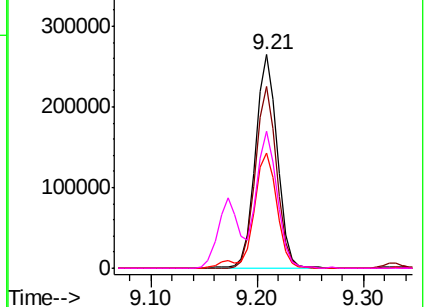


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 49.566 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX013365.D

Acq: 08 Nov 2019 18:11

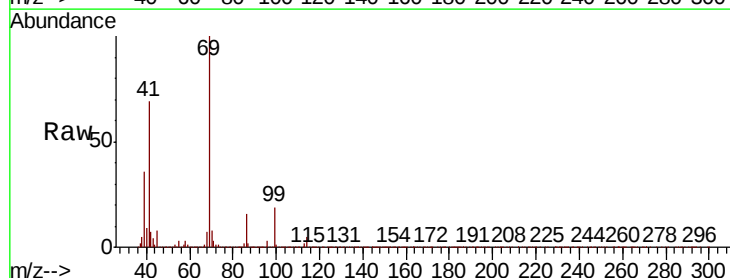
Tgt Ion: 69 Resp: 623448

Ion Ratio Lower Upper

69 100

41 68.8 56.2 84.2

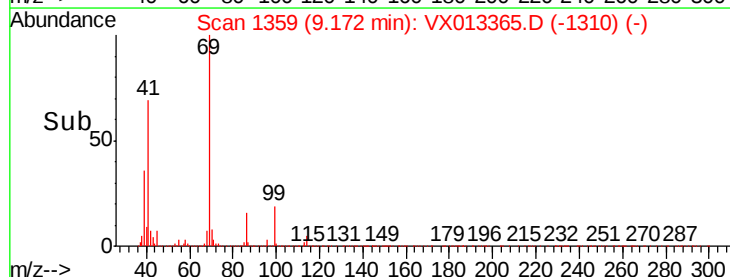
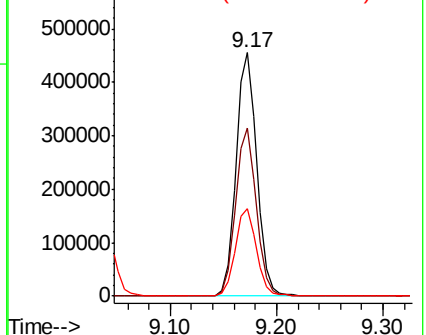
39 36.4 31.1 46.7

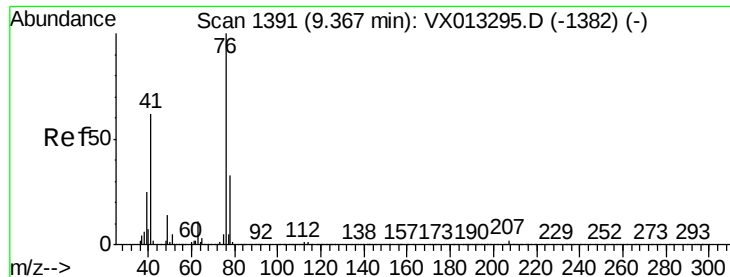


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 51.466 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX013365.D

Acq: 08 Nov 2019 18:11

Instrument :

MSVOA_X

ClientSampleId :

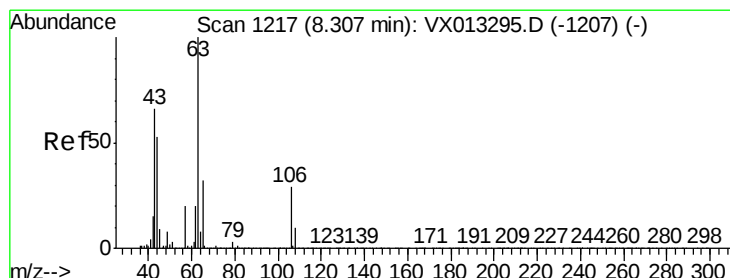
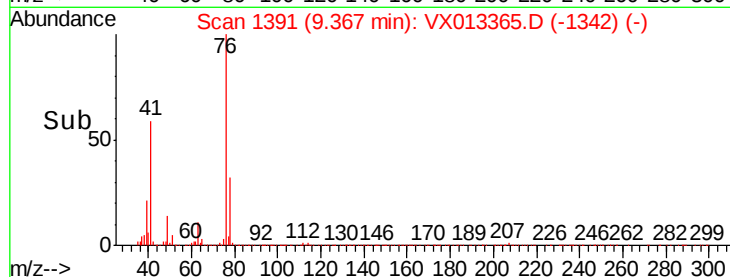
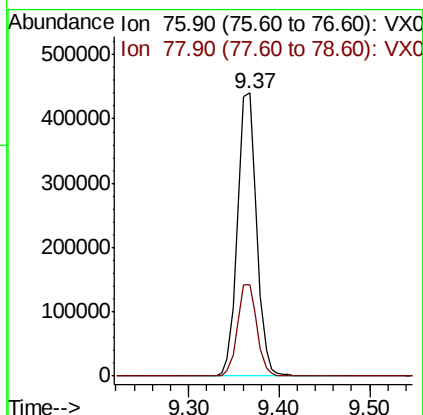
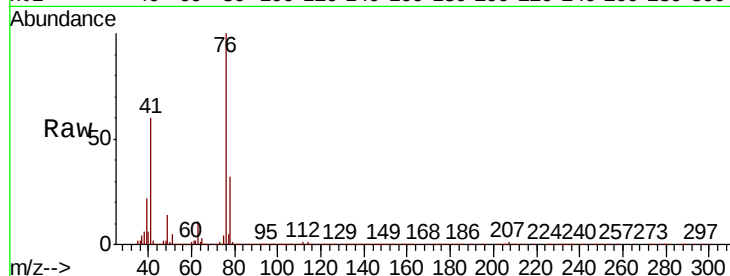
VSTDCCC050EC

Tot Ion: 76 Resp: 643859

Ion Ratio Lower Upper

76 100

78 32.7 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 260.560 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX013365.D

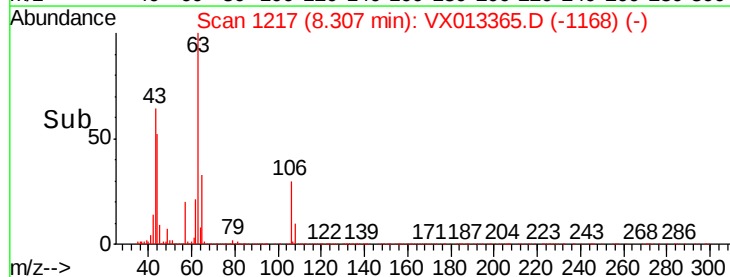
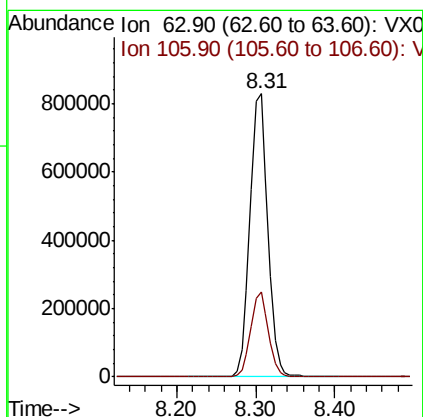
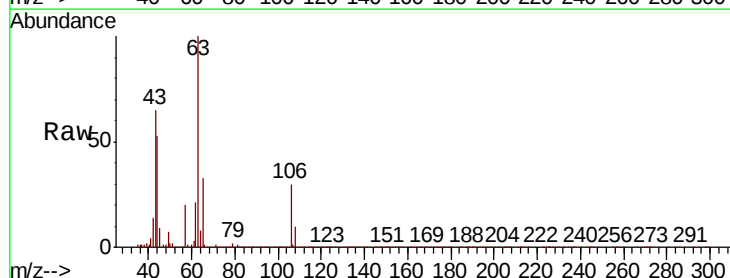
Acq: 08 Nov 2019 18:11

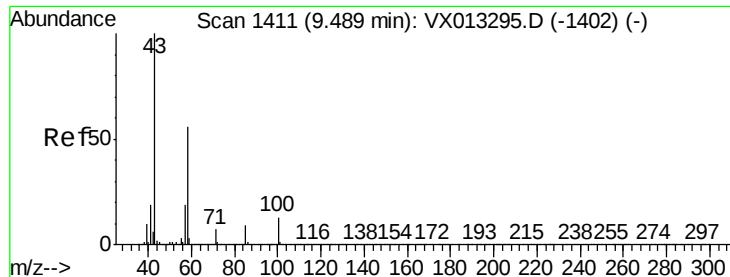
Tgt Ion: 63 Resp: 1312979

Ion Ratio Lower Upper

63 100

106 29.7 23.4 35.2

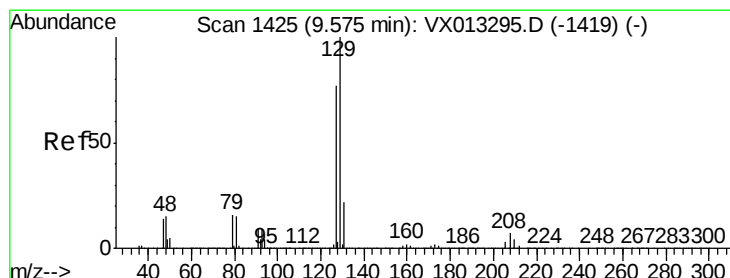
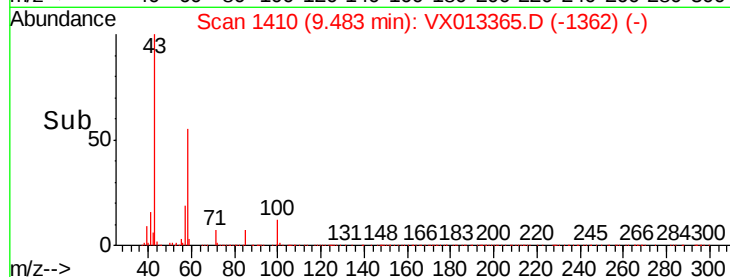
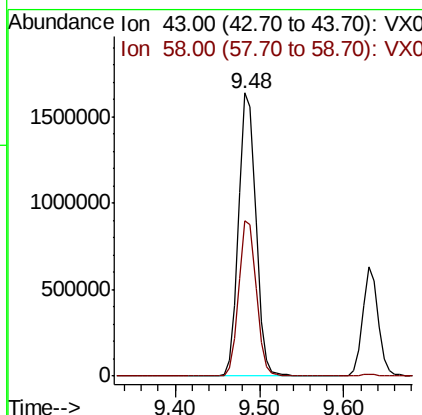
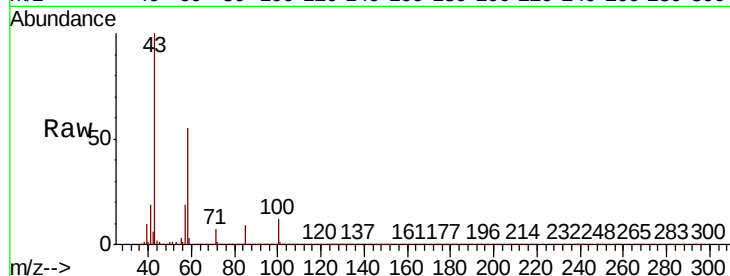




#59
2-Hexanone
Concen: 250.511 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX013365.D
Acq: 08 Nov 2019 18:11

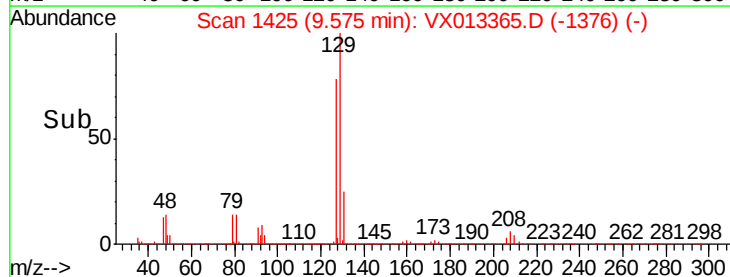
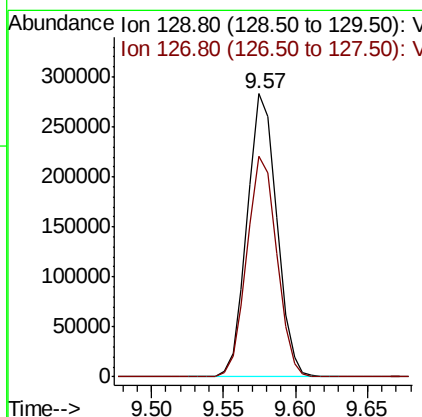
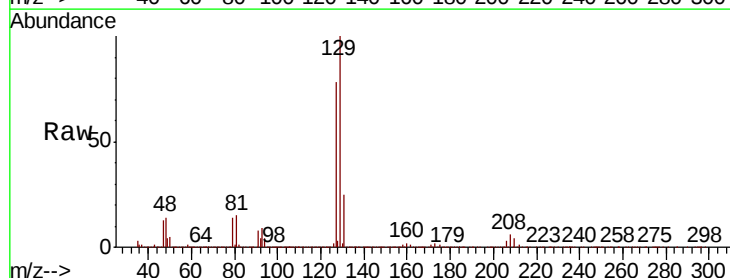
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

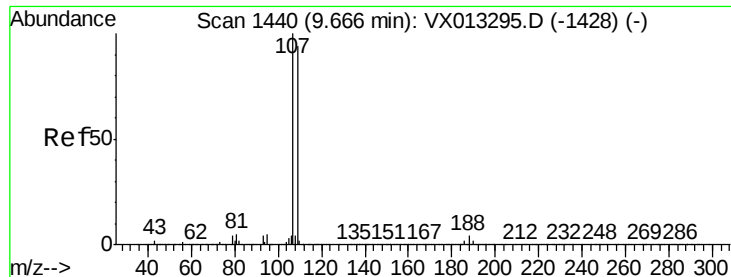
Tot Ion: 43 Resp: 2250704
Ion Ratio Lower Upper
43 100
58 55.4 27.3 81.8



#60
Dibromochloromethane
Concen: 53.357 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. 0.00 min
Lab File: VX013365.D
Acq: 08 Nov 2019 18:11

Tgt Ion: 129 Resp: 402165
Ion Ratio Lower Upper
129 100
127 79.0 39.1 117.2





#61

1,2-Dibromoethane

Concen: 51.075 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX013365.D

Acq: 08 Nov 2019 18:11

Instrument :

MSVOA_X

ClientSampleId :

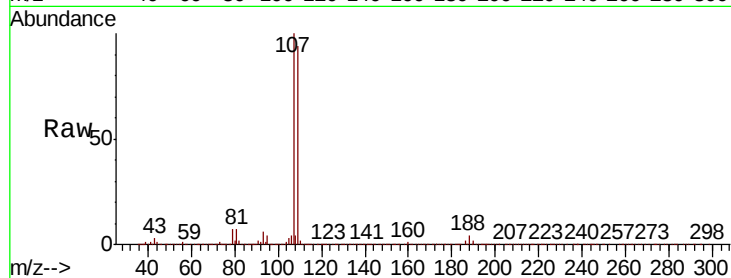
VSTDCCC050EC

Tot Ion:107 Resp: 399698

Ion Ratio Lower Upper

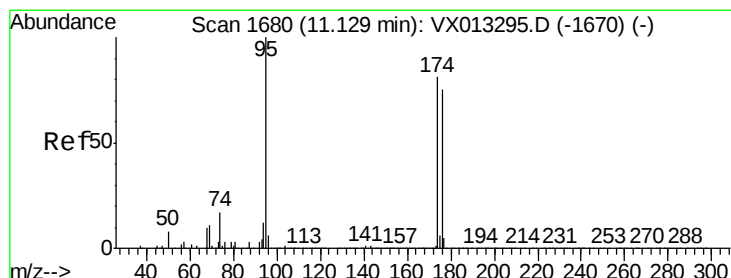
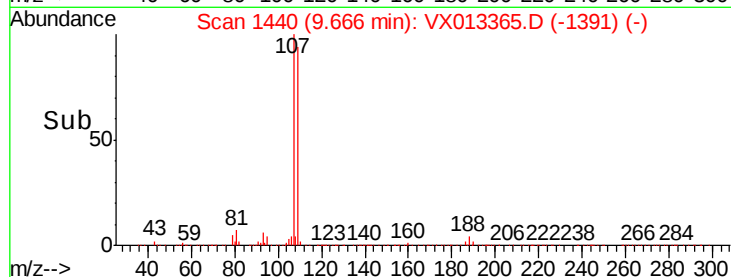
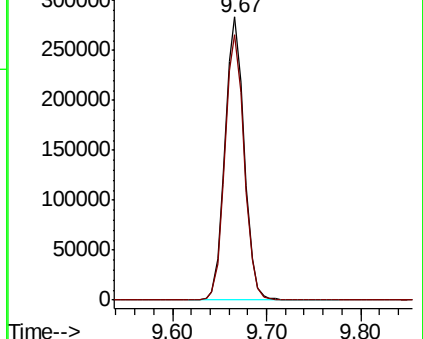
107 100

109 94.2 75.1 112.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.608 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX013365.D

Acq: 08 Nov 2019 18:11

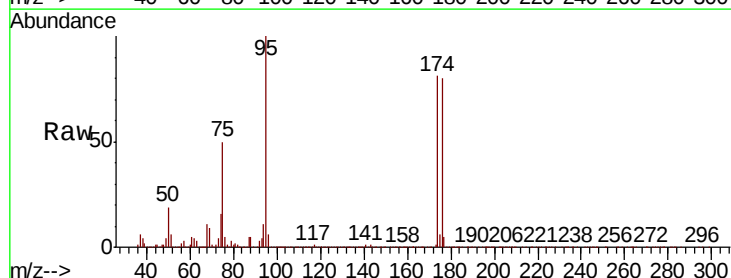
Tgt Ion: 95 Resp: 454471

Ion Ratio Lower Upper

95 100

174 89.3 0.0 179.8

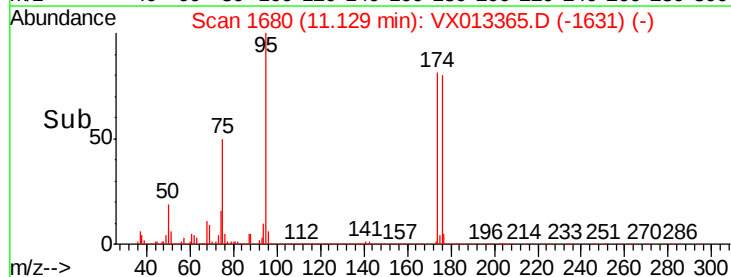
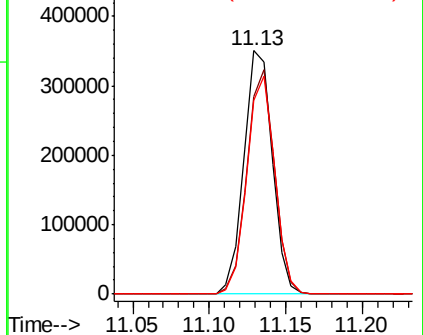
176 87.6 0.0 173.0

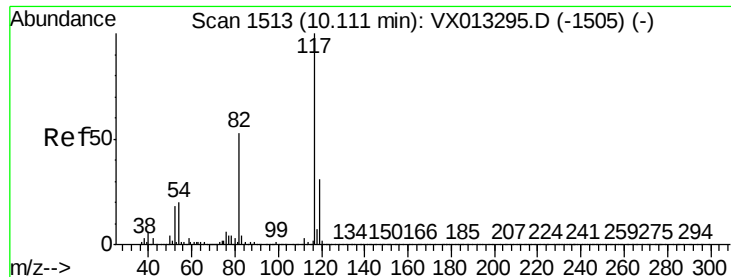


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

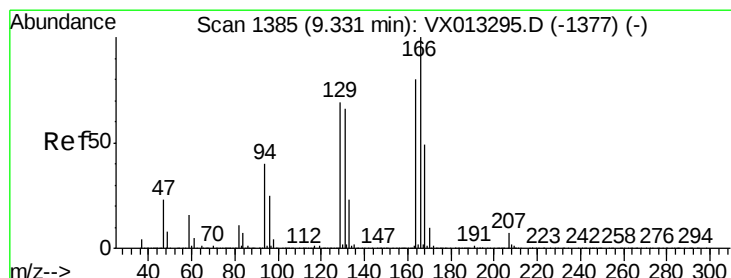
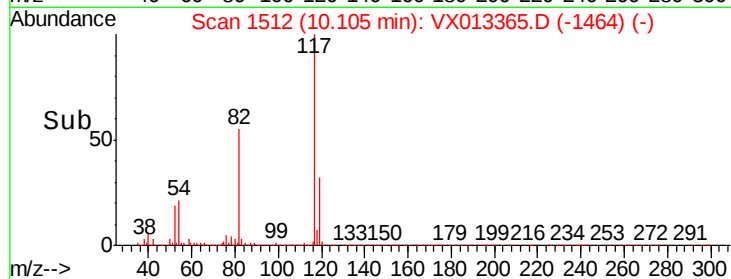
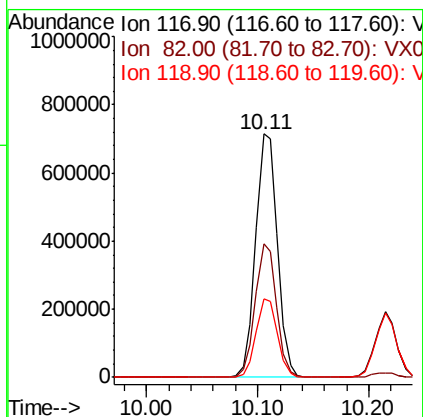
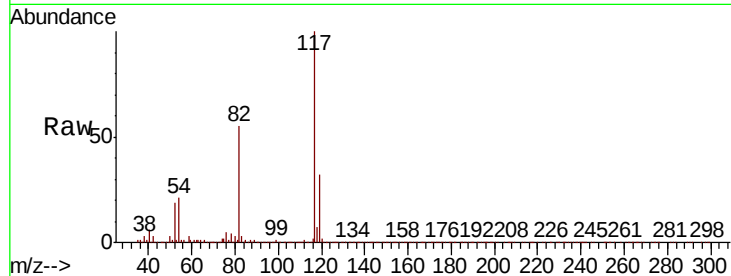




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX013365.D
Acq: 08 Nov 2019 18:11

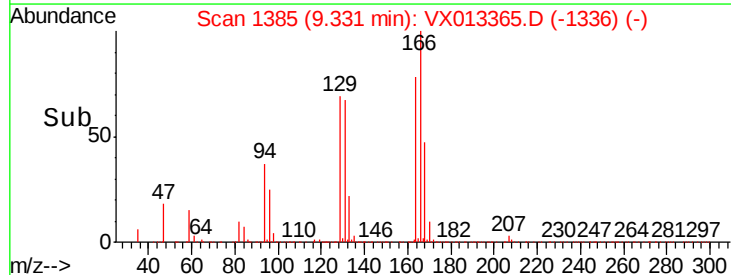
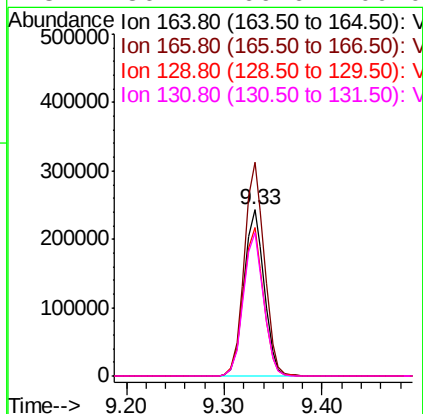
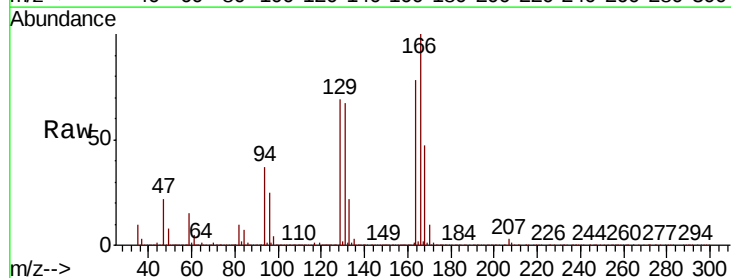
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

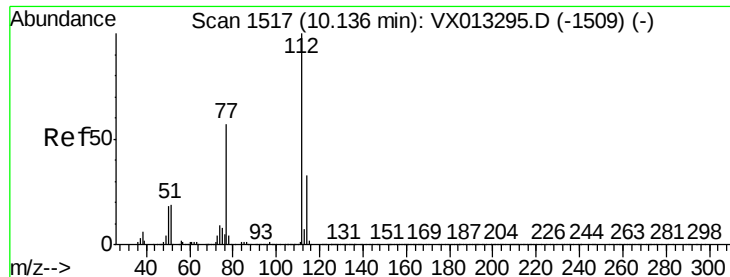
Tot Ion:117 Resp: 976714
Ion Ratio Lower Upper
117 100
82 55.0 42.6 64.0
119 32.1 24.8 37.2



#64
Tetrachloroethene
Concen: 49.840 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX013365.D
Acq: 08 Nov 2019 18:11

Tgt Ion:164 Resp: 348483
Ion Ratio Lower Upper
164 100
166 128.6 100.4 150.6
129 89.2 69.4 104.2
131 86.2 66.6 100.0





#65

Chlorobenzene

Concen: 50.595 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX013365.D

Acq: 08 Nov 2019 18:11

Instrument :

MSVOA_X

ClientSampleId :

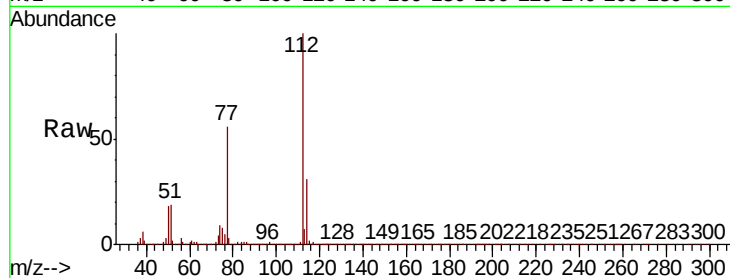
VSTDCCC050EC

Tot Ion:112 Resp: 1000460

Ion Ratio Lower Upper

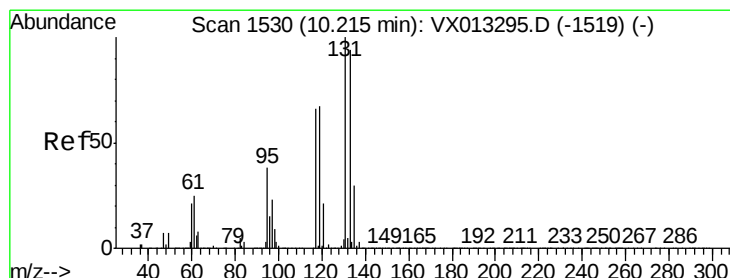
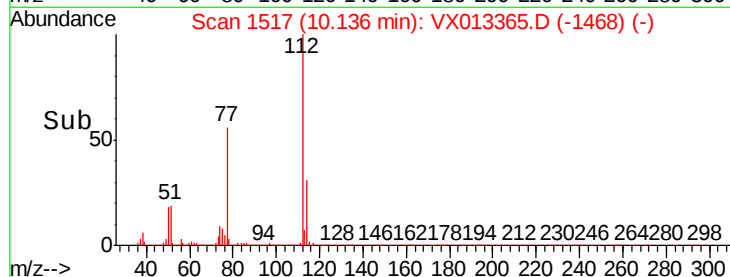
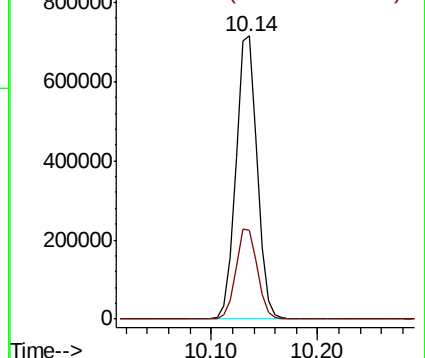
112 100

114 31.3 26.4 39.6



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 51.731 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX013365.D

Acq: 08 Nov 2019 18:11

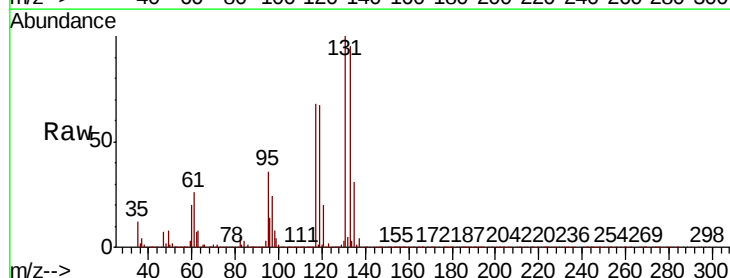
Tgt Ion:131 Resp: 375596

Ion Ratio Lower Upper

131 100

133 95.4 48.0 144.0

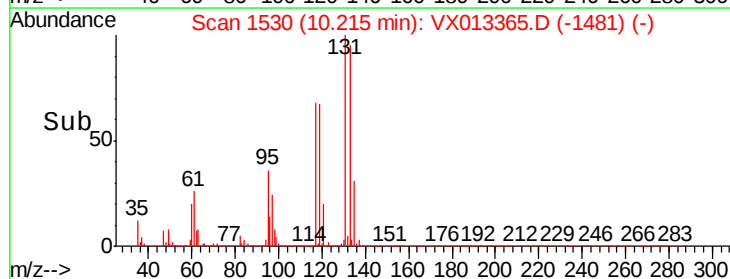
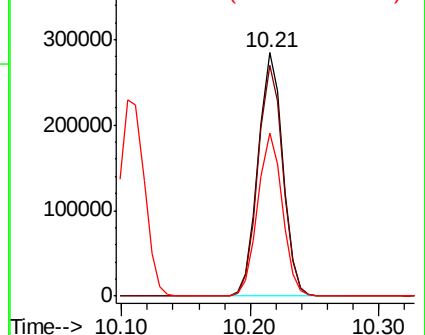
119 66.8 33.0 99.0

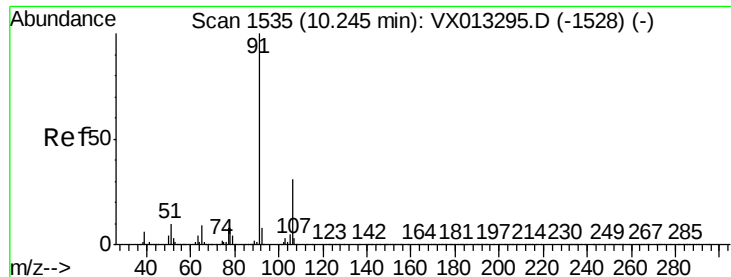


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 52.174 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX013365.D

Acq: 08 Nov 2019 18:11

Instrument :

MSVOA_X

ClientSampleId :

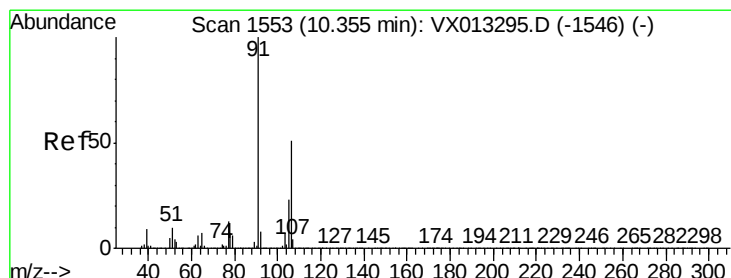
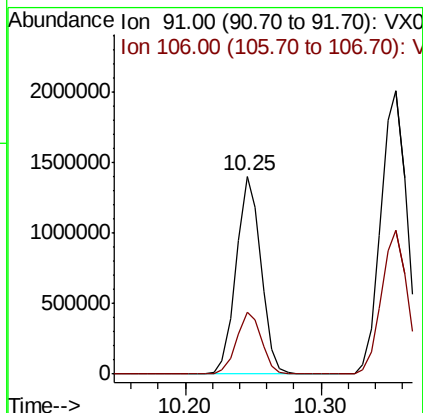
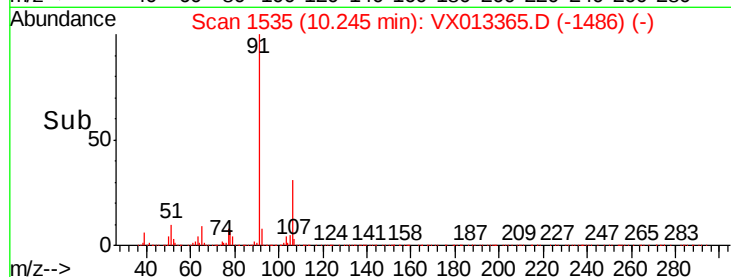
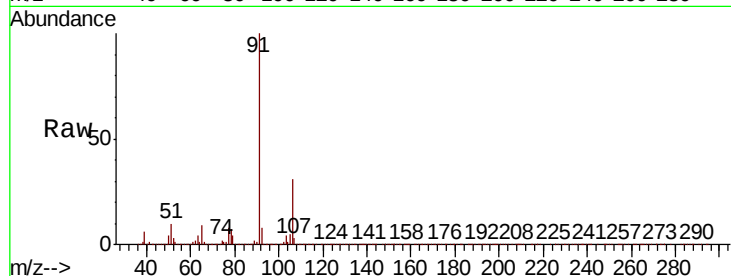
VSTDCCC050EC

Tot Ion: 91 Resp: 1780582

Ion Ratio Lower Upper

91 100

106 31.2 24.6 36.8



#68

m/p-Xylenes

Concen: 104.072 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX013365.D

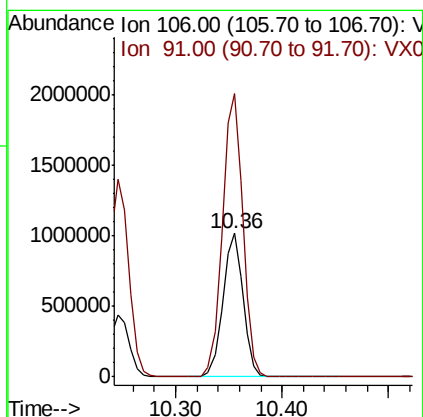
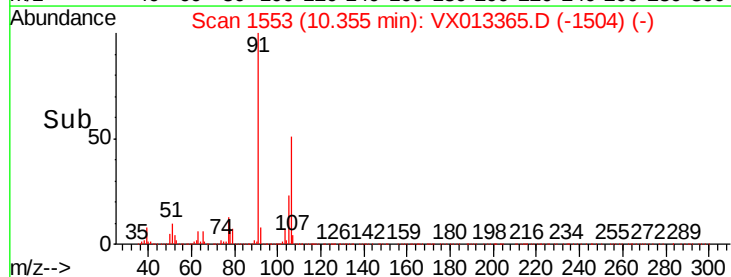
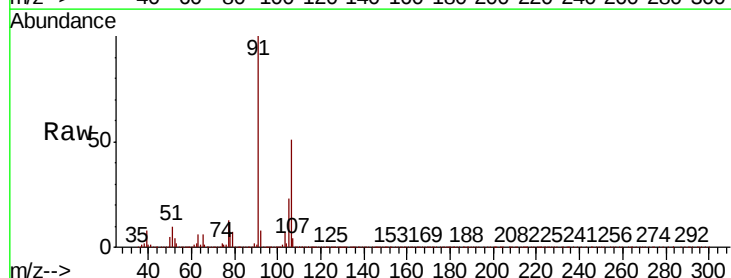
Acq: 08 Nov 2019 18:11

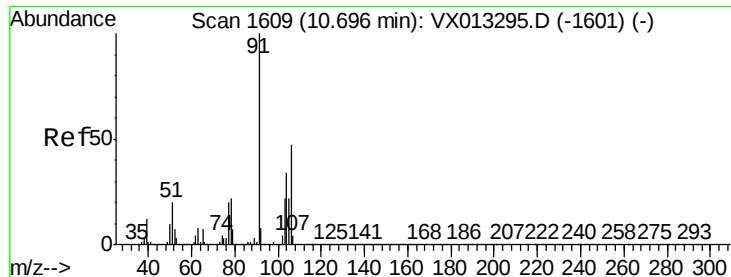
Tgt Ion: 106 Resp: 1343246

Ion Ratio Lower Upper

106 100

91 199.8 159.3 238.9

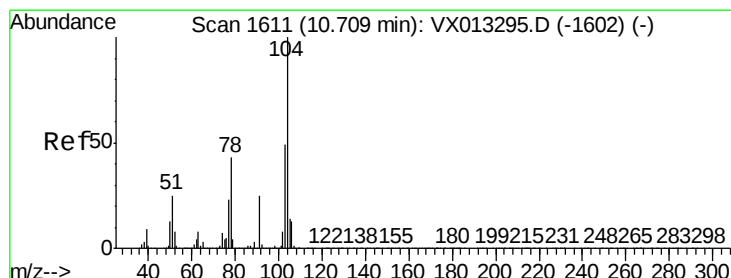
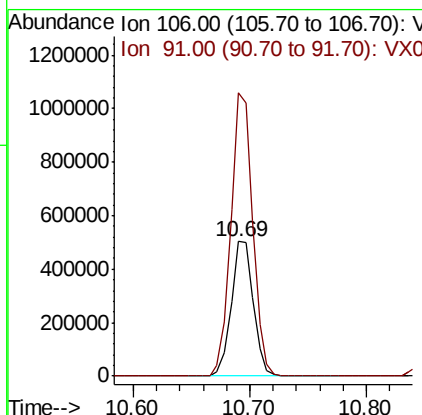
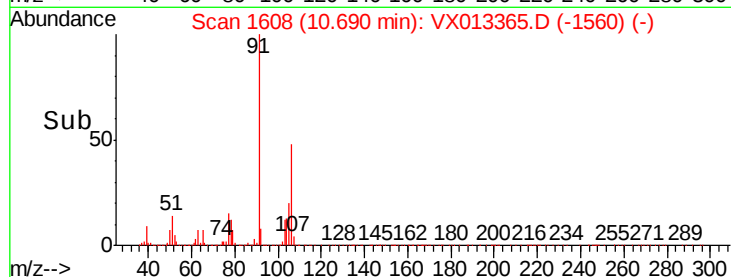
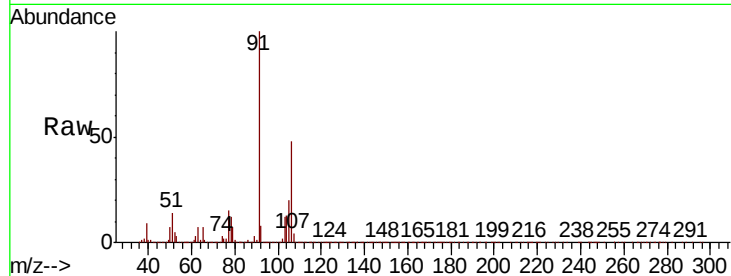




#69
o-Xylene
Concen: 52.590 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX013365.D
Acq: 08 Nov 2019 18:11

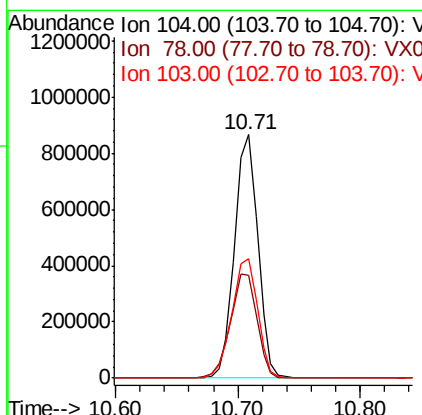
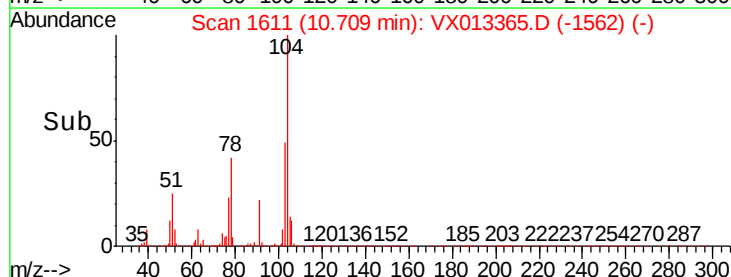
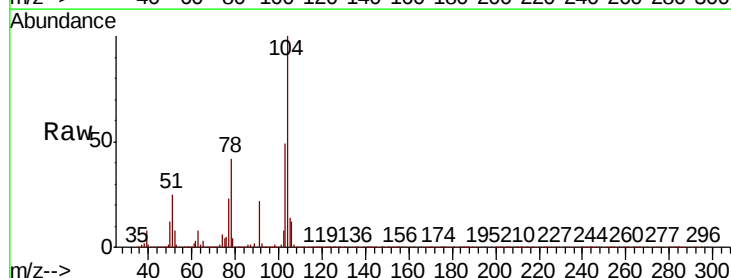
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

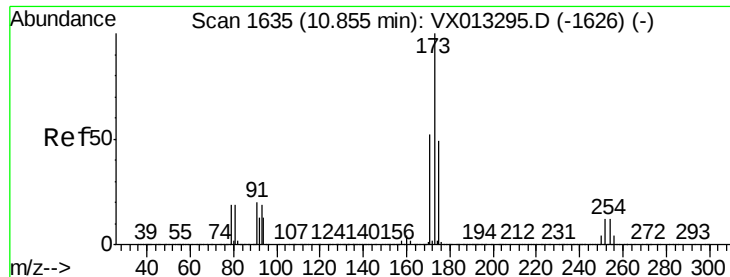
Tot Ion:106 Resp: 664536
Ion Ratio Lower Upper
106 100
91 208.2 105.7 317.0



#70
Styrene
Concen: 53.963 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX013365.D
Acq: 08 Nov 2019 18:11

Tgt Ion:104 Resp: 1139854
Ion Ratio Lower Upper
104 100
78 48.6 40.0 60.0
103 54.3 44.1 66.1

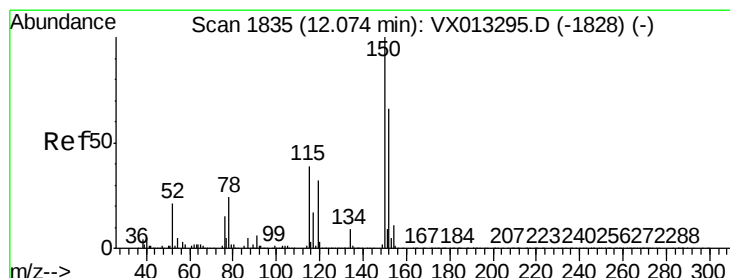
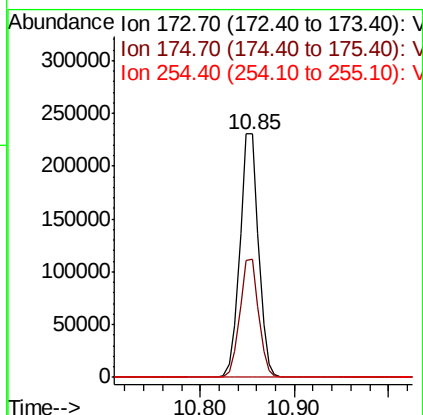
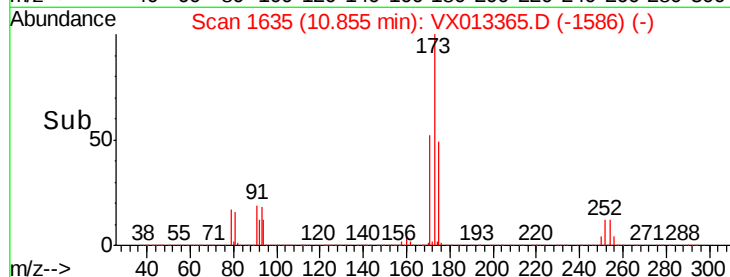
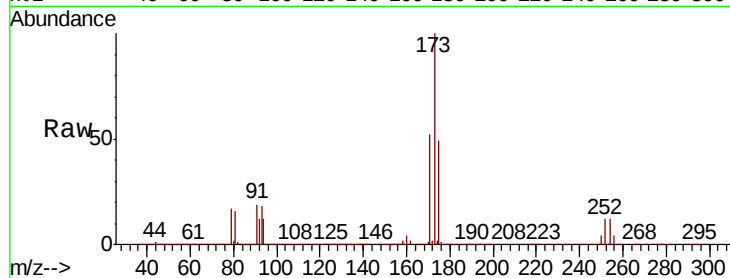




#71
Bromoform
Concen: 47.281 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX013365.D
Acq: 08 Nov 2019 18:11

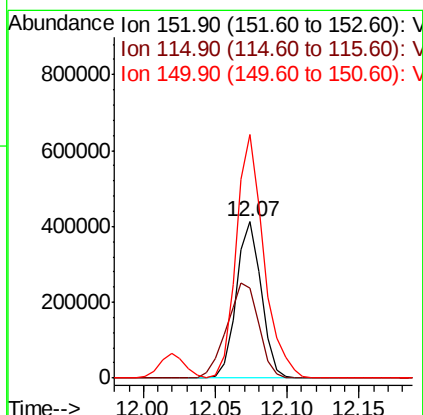
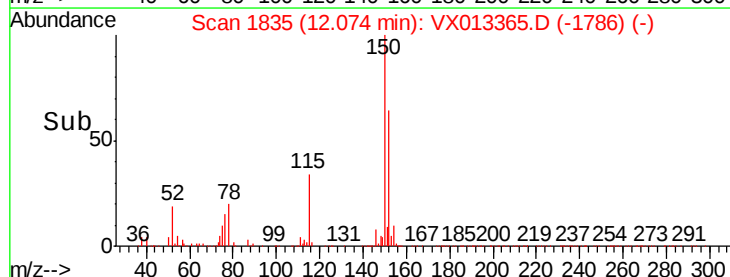
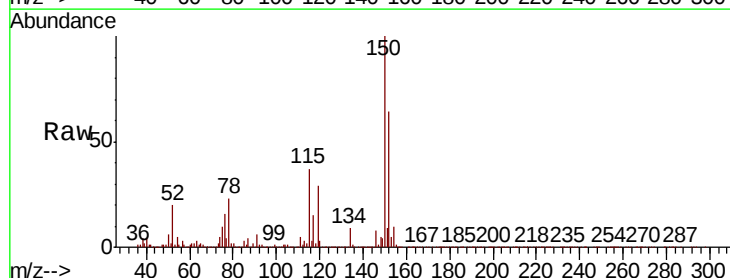
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

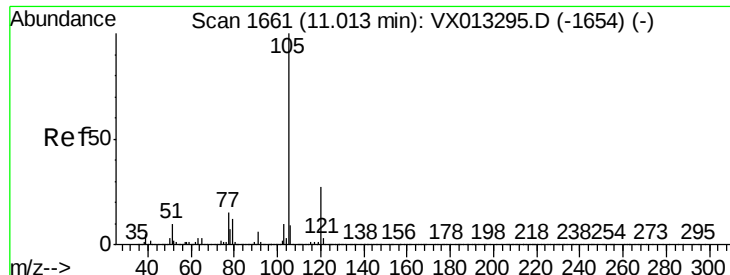
Tot Ion:173 Resp: 317038
Ion Ratio Lower Upper
173 100
175 48.9 24.8 74.4
254 0.2 0.2 0.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX013365.D
Acq: 08 Nov 2019 18:11

Tgt Ion:152 Resp: 496569
Ion Ratio Lower Upper
152 100
115 78.3 39.5 118.3
150 172.2 0.0 344.4





#73

Isopropylbenzene

Concen: 52.889 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX013365.D

Acq: 08 Nov 2019 18:11

Instrument :

MSVOA_X

ClientSampleId :

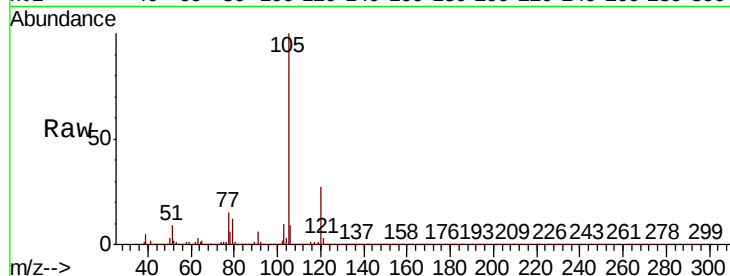
VSTDCCC050EC

Tot Ion:105 Resp: 1741288

Ion Ratio Lower Upper

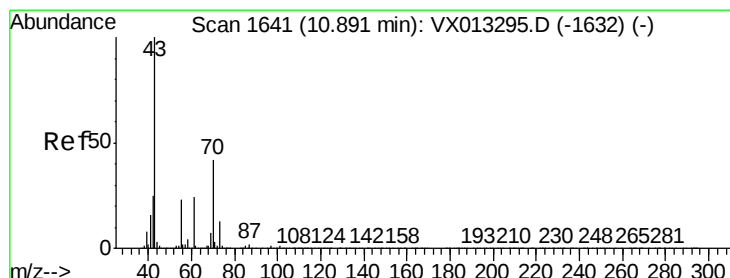
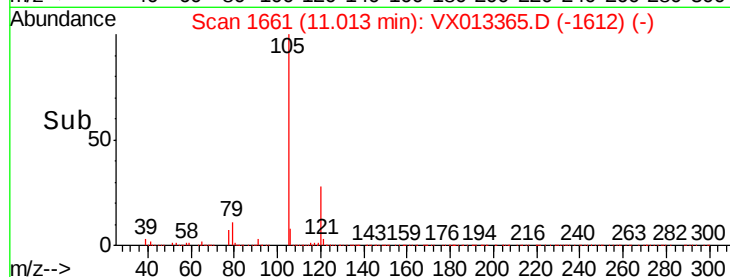
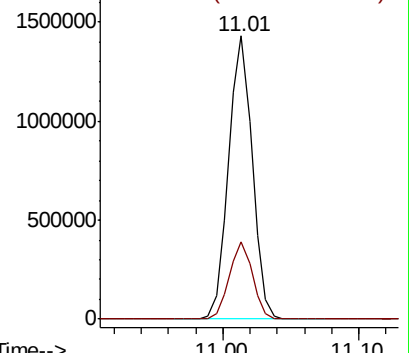
105 100

120 26.8 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 54.023 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX013365.D

Acq: 08 Nov 2019 18:11

Tgt Ion: 43 Resp: 824791

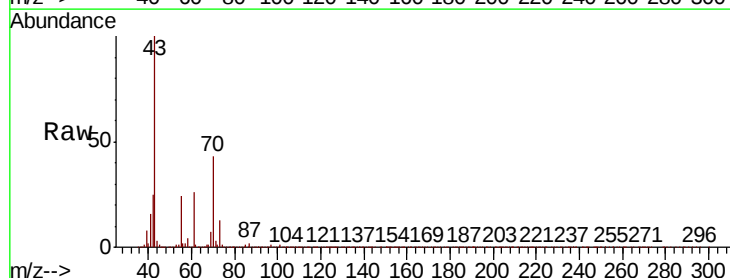
Ion Ratio Lower Upper

43 100

70 43.3 34.1 51.1

55 24.0 18.9 28.3

61 25.1 19.2 28.8

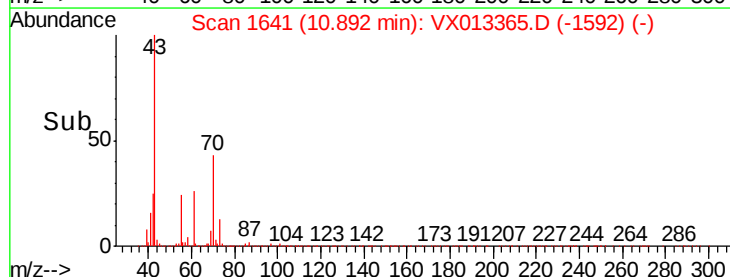
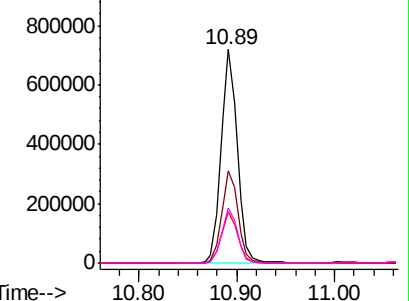


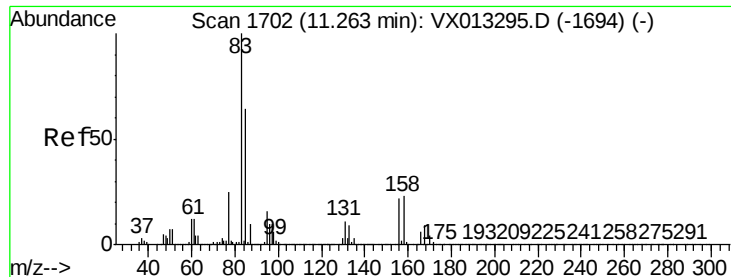
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 51.394 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX013365.D

Acq: 08 Nov 2019 18:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

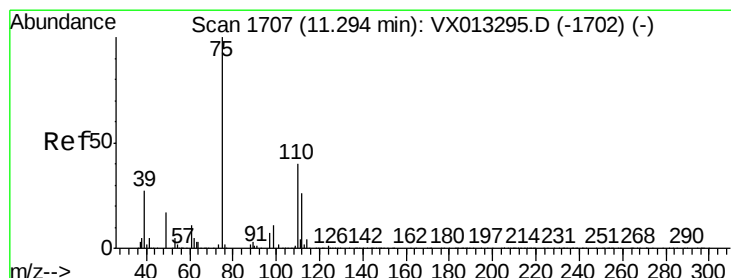
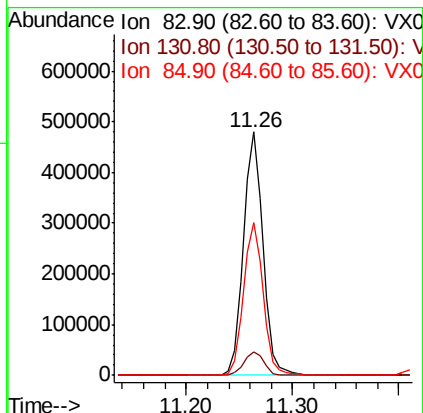
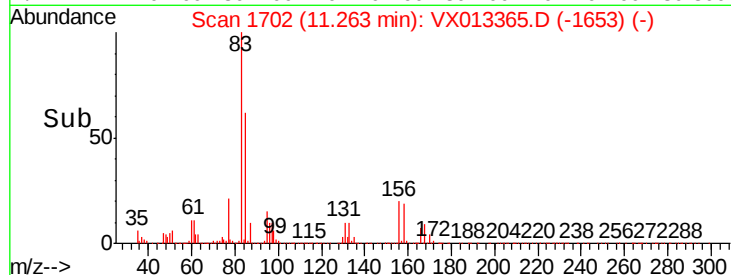
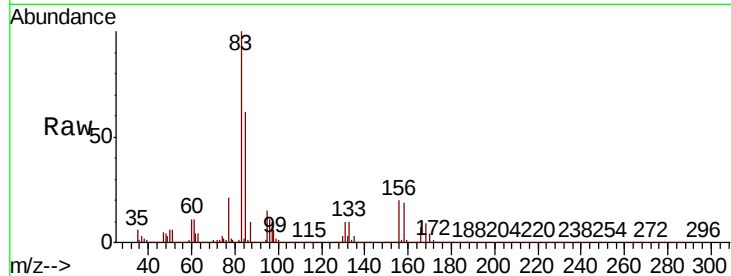
Tot Ion: 83 Resp: 617290

Ion Ratio Lower Upper

83 100

131 10.0 5.1 15.3

85 63.3 32.3 96.8



#76

1,2,3-Trichloropropane

Concen: 69.862 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX013365.D

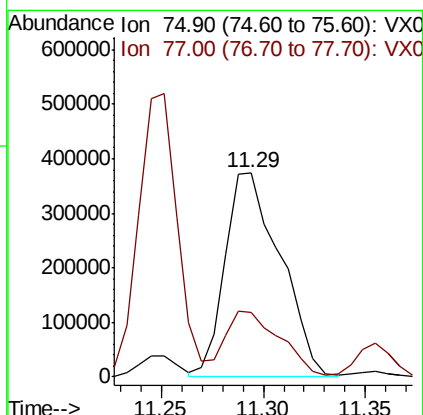
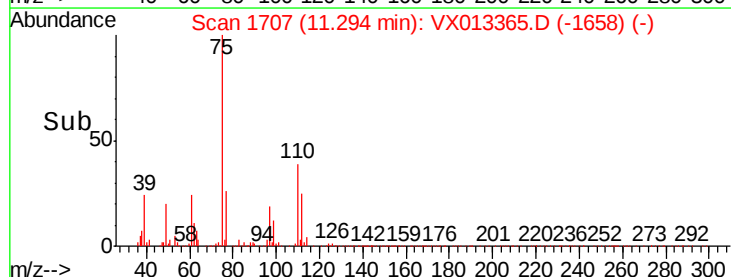
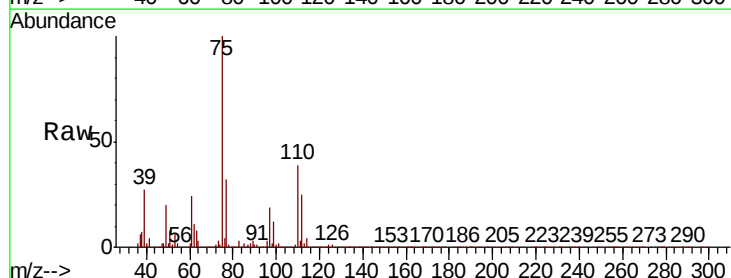
Acq: 08 Nov 2019 18:11

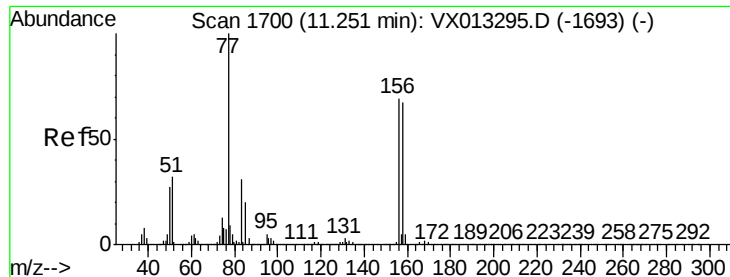
Tgt Ion: 75 Resp: 704623

Ion Ratio Lower Upper

75 100

77 32.1 22.3 66.8





#77

Bromobenzene

Concen: 52.534 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX013365.D

Acq: 08 Nov 2019 18:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

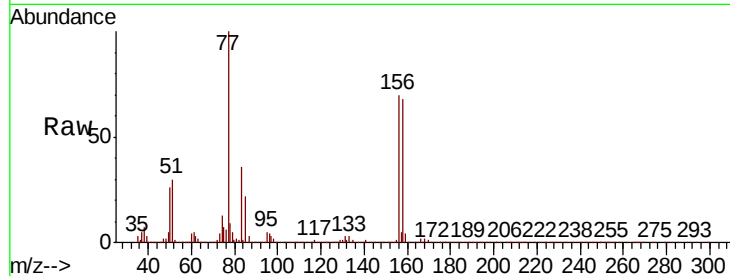
Tot Ion:156 Resp: 461085

Ion Ratio Lower Upper

156 100

77 147.6 75.8 227.4

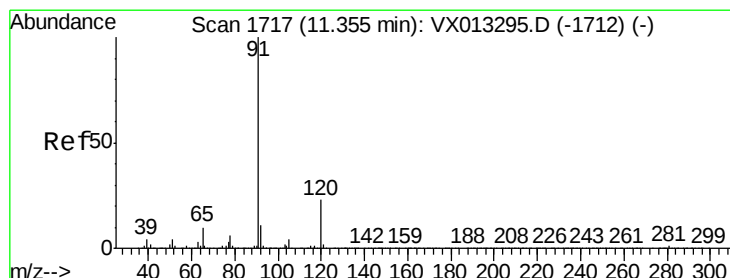
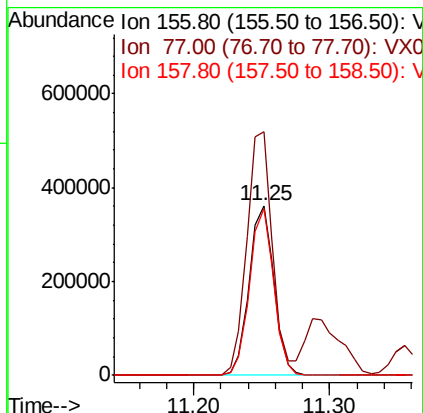
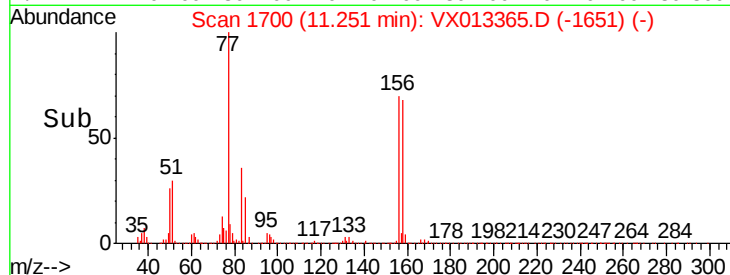
158 96.7 47.6 142.8



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: 53.915 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX013365.D

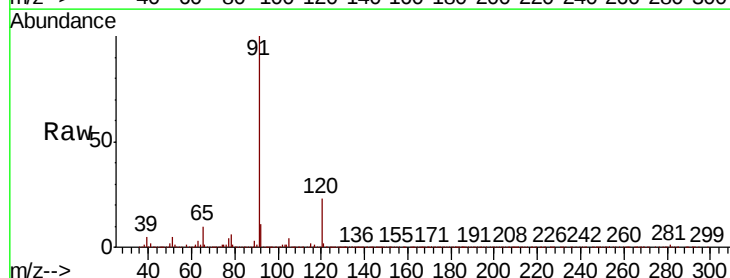
Acq: 08 Nov 2019 18:11

Tgt Ion: 91 Resp: 1977322

Ion Ratio Lower Upper

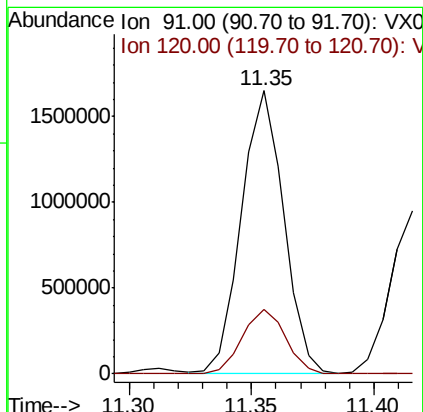
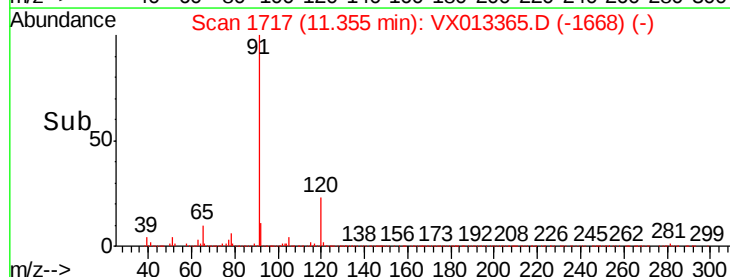
91 100

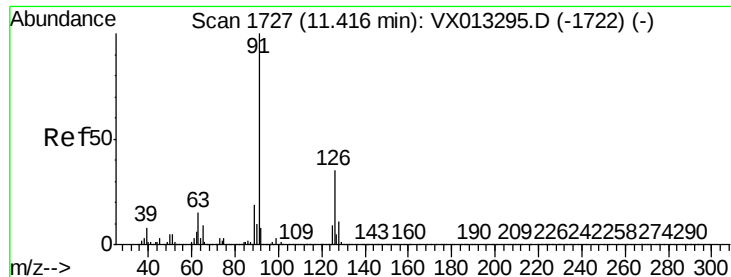
120 23.6 11.6 34.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 52.550 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX013365.D

Acq: 08 Nov 2019 18:11

Instrument :

MSVOA_X

ClientSampleId :

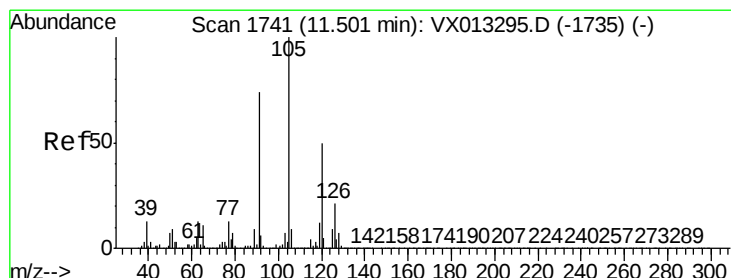
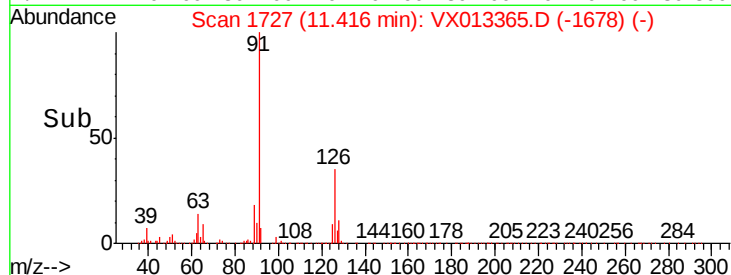
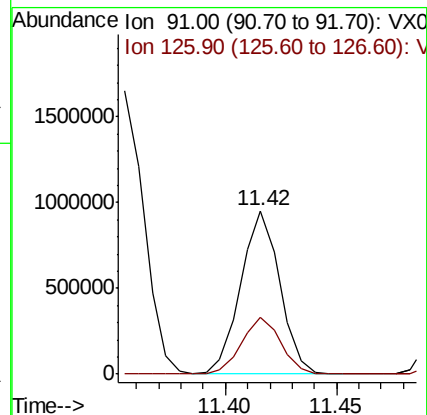
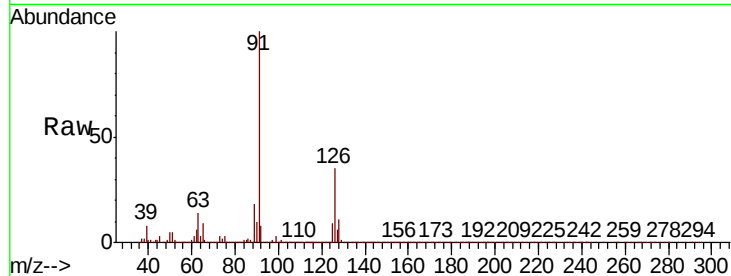
VSTDCCC050EC

Tot Ion: 91 Resp: 1161158

Ion Ratio Lower Upper

91 100

126 35.0 17.3 52.0



#80

1,3,5-Trimethylbenzene

Concen: 53.482 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX013365.D

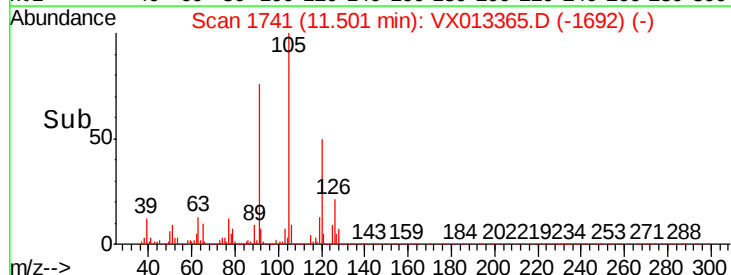
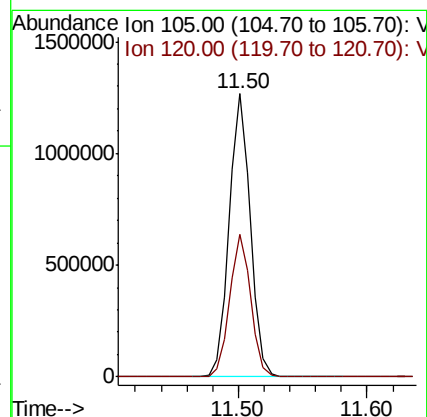
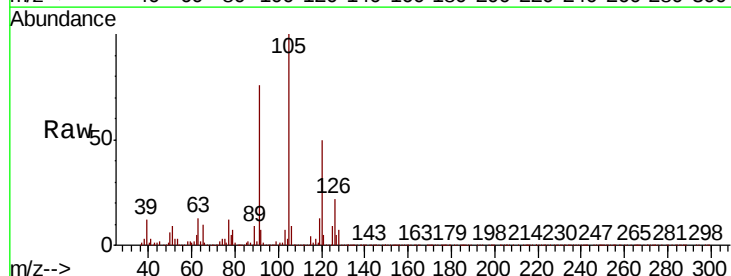
Acq: 08 Nov 2019 18:11

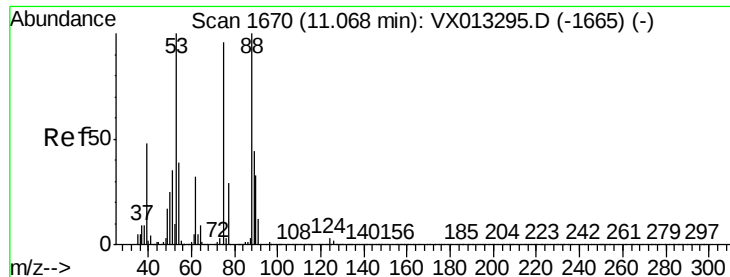
Tgt Ion: 105 Resp: 1466659

Ion Ratio Lower Upper

105 100

120 50.3 24.9 74.8





#81

trans-1,4-Dichloro-2-butene

Concen: 51.601 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX013365.D

Acq: 08 Nov 2019 18:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

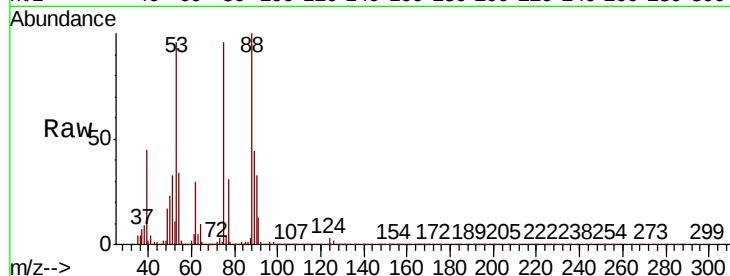
Tot Ion: 75 Resp: 202194

Ion Ratio Lower Upper

75 100

53 100.8 81.0 121.6

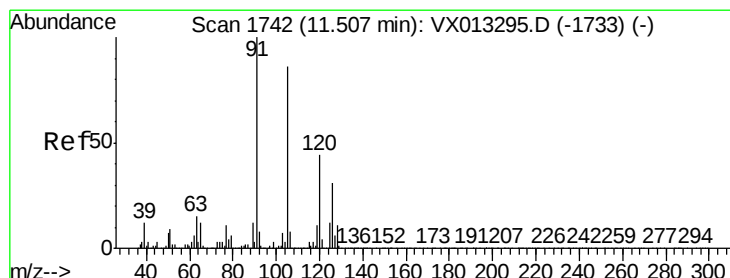
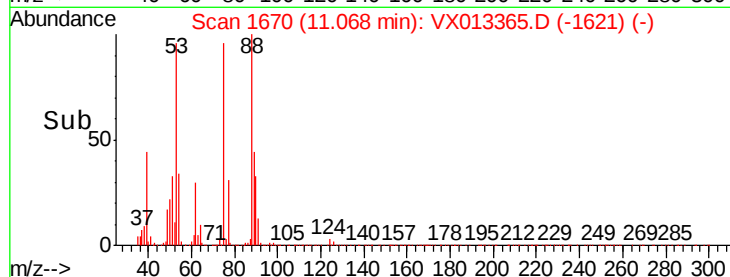
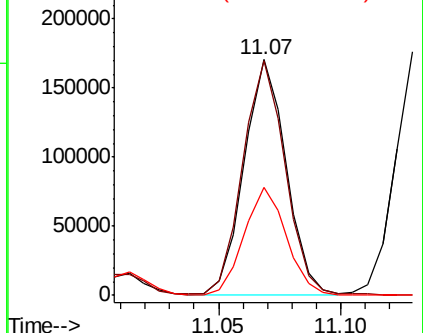
89 46.1 36.0 54.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 52.108 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX013365.D

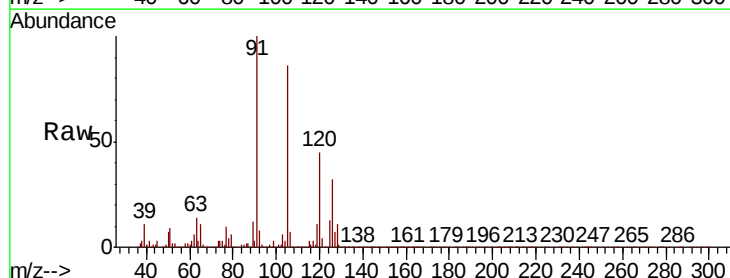
Acq: 08 Nov 2019 18:11

Tgt Ion: 91 Resp: 1347809

Ion Ratio Lower Upper

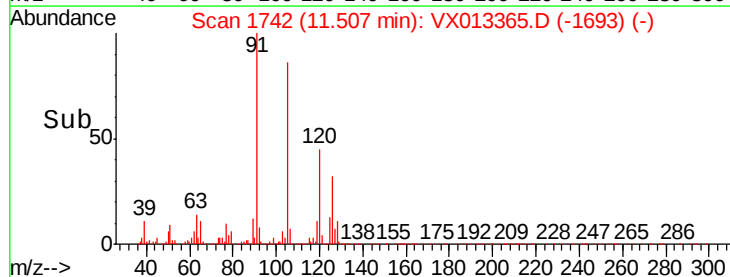
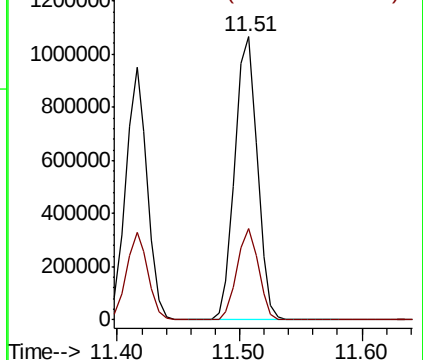
91 100

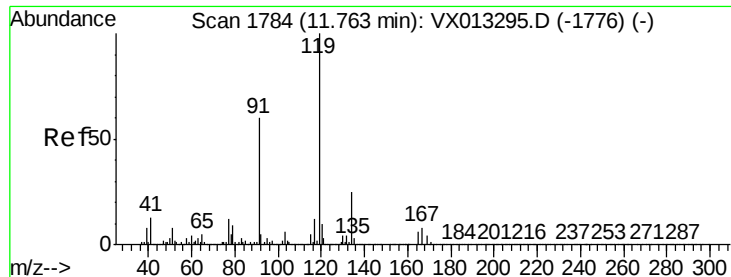
126 31.0 15.3 45.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 53.807 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VX013365.D

Acq: 08 Nov 2019 18:11

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050EC

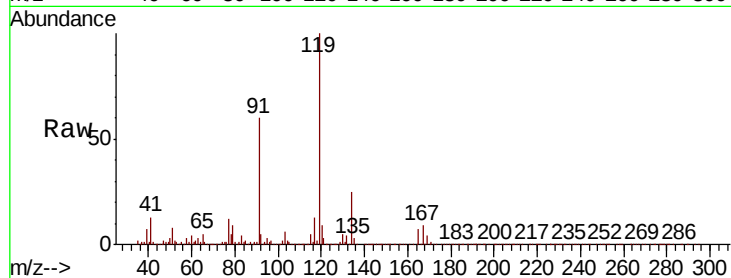
Tot Ion:119 Resp: 1485382

Ion Ratio Lower Upper

119 100

91 54.6 26.9 80.7

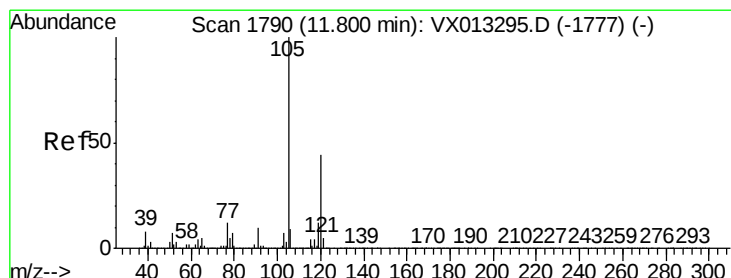
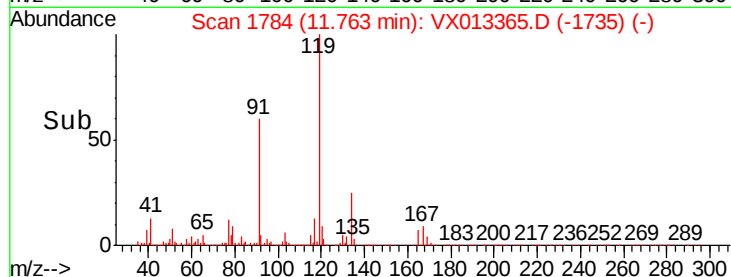
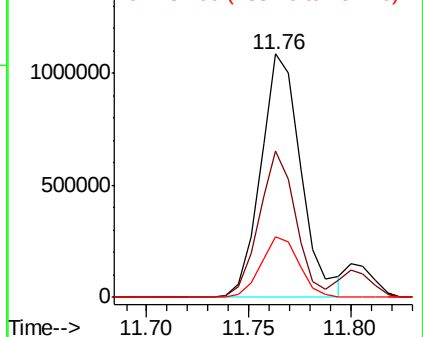
134 23.7 11.7 35.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 53.358 ug/l

RT: 11.80 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX013365.D

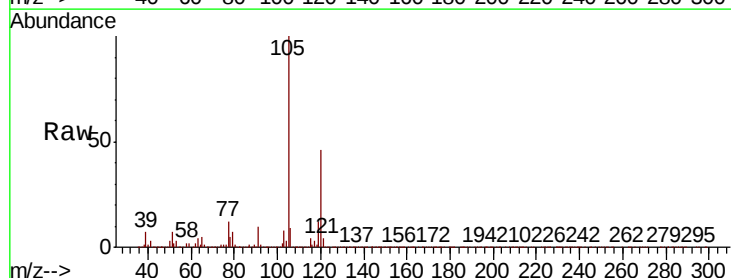
Acq: 08 Nov 2019 18:11

Tgt Ion:105 Resp: 1467846

Ion Ratio Lower Upper

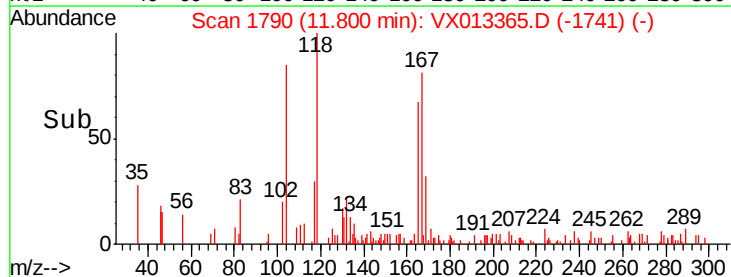
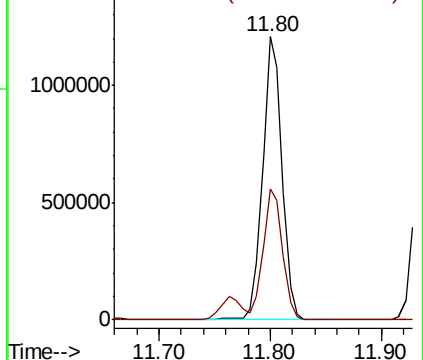
105 100

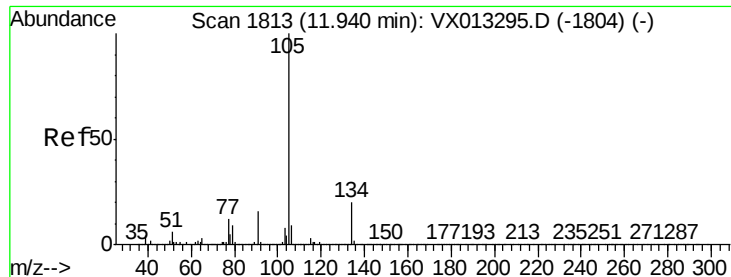
120 46.2 22.7 68.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 53.630 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX013365.D

Acq: 08 Nov 2019 18:11

Instrument :

MSVOA_X

ClientSampleId :

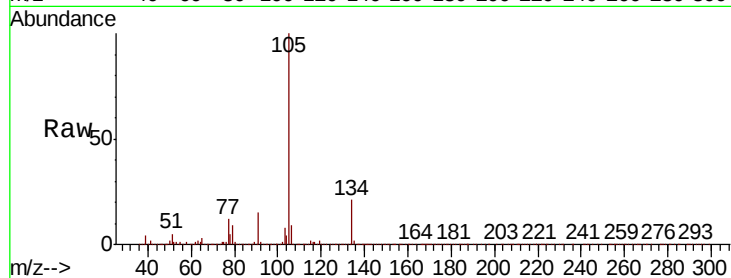
VSTDCCC050EC

Tot Ion:105 Resp: 1701526

Ion Ratio Lower Upper

105 100

134 20.7 10.3 30.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

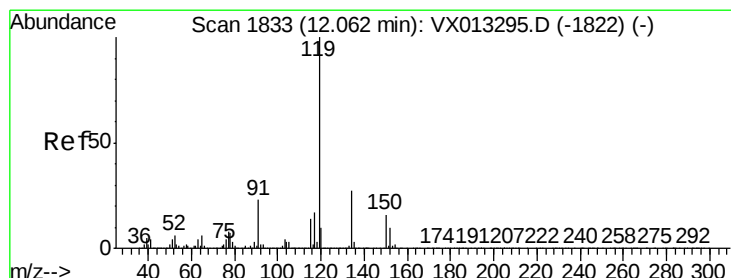
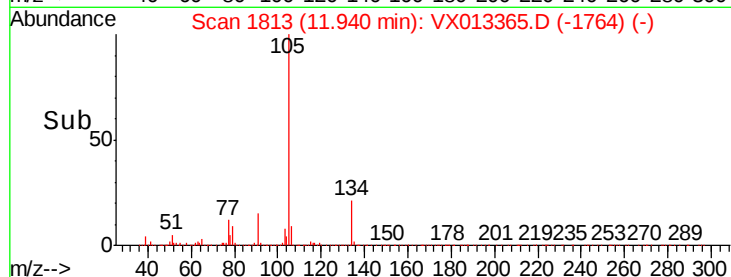
1500000

1000000

500000

0

Time-->



#86

p-Isopropyltoluene

Concen: 54.065 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX013365.D

Acq: 08 Nov 2019 18:11

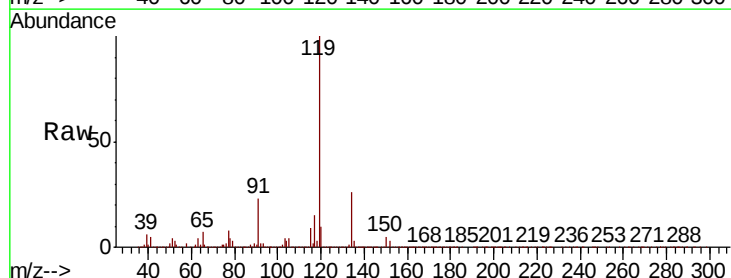
Tgt Ion:119 Resp: 1579495

Ion Ratio Lower Upper

119 100

134 26.6 13.3 39.8

91 22.3 11.5 34.4



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

12.06

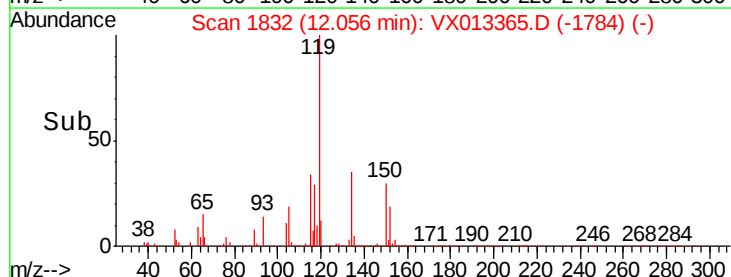
1500000

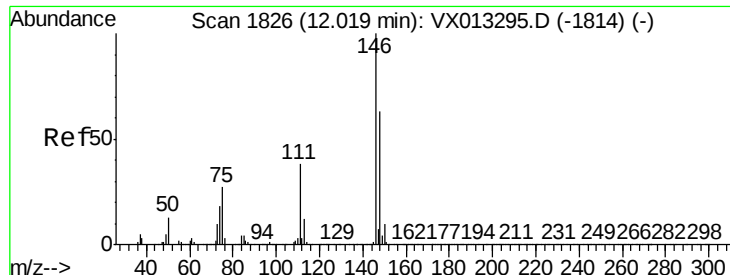
1000000

500000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 51.782 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VX013365.D

Acq: 08 Nov 2019 18:11

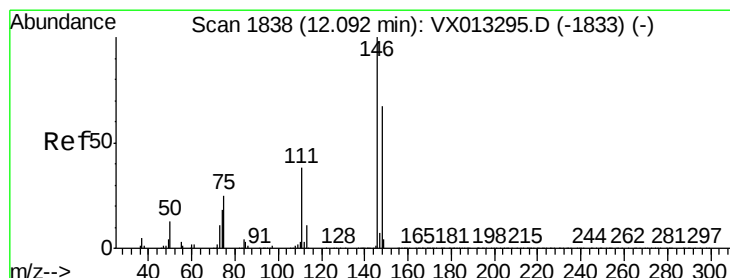
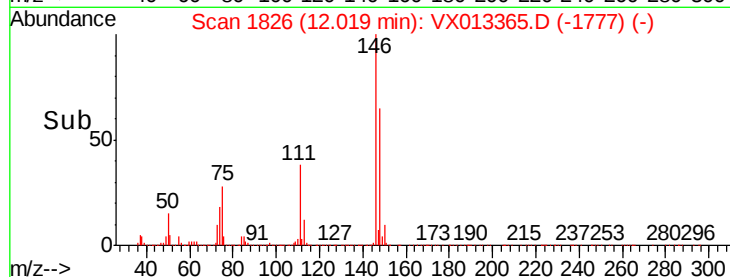
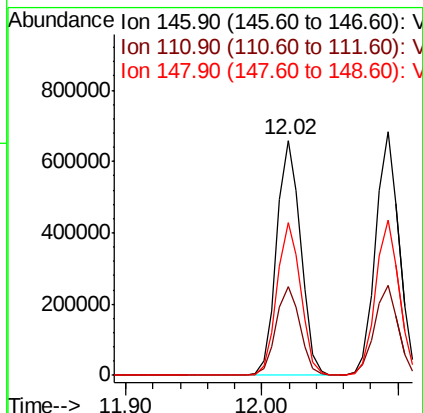
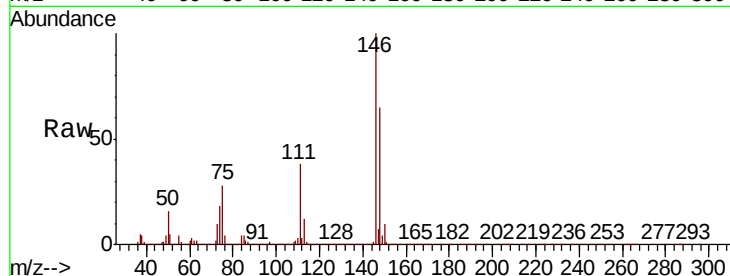
Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	810127
Ion	Ratio	Lower	Upper
146	100		
111	37.9	18.9	56.5
148	64.3	31.9	95.7



#88

1,4-Dichlorobenzene

Concen: 50.905 ug/l

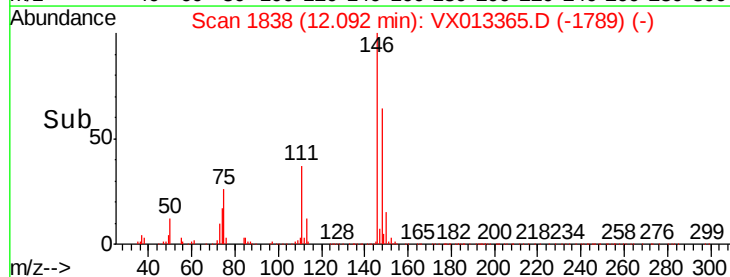
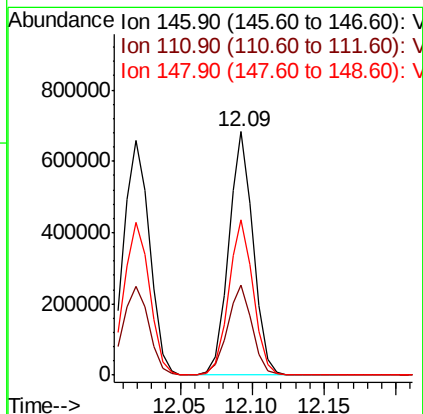
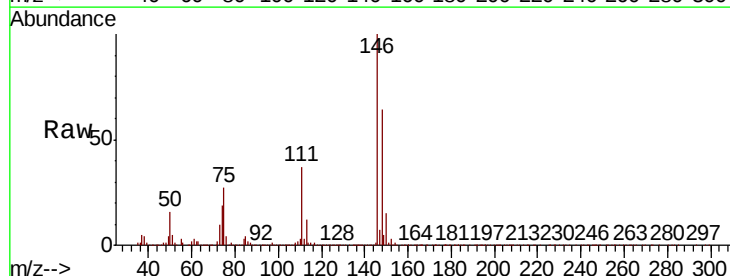
RT: 12.09 min Scan# 1838

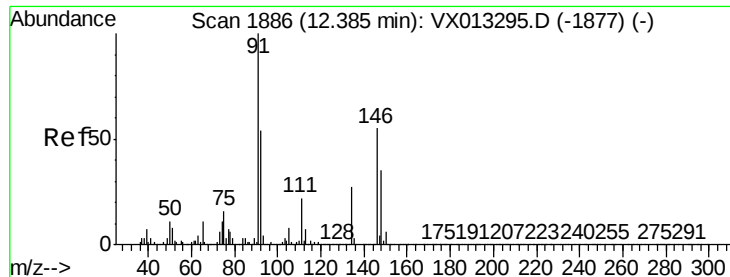
Delta R.T. 0.00 min

Lab File: VX013365.D

Acq: 08 Nov 2019 18:11

Tgt Ion:	146	Resp:	811420
Ion	Ratio	Lower	Upper
146	100		
111	37.3	18.8	56.4
148	63.9	32.4	97.0





#89

n-Butylbenzene

Concen: 53.395 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX013365.D

Acq: 08 Nov 2019 18:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

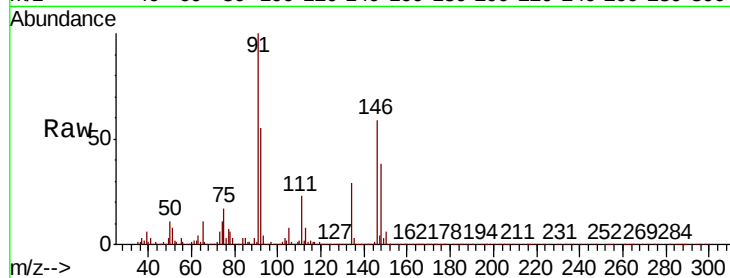
Tot Ion: 91 Resp: 1361141

Ion Ratio Lower Upper

91 100

92 54.8 27.3 81.8

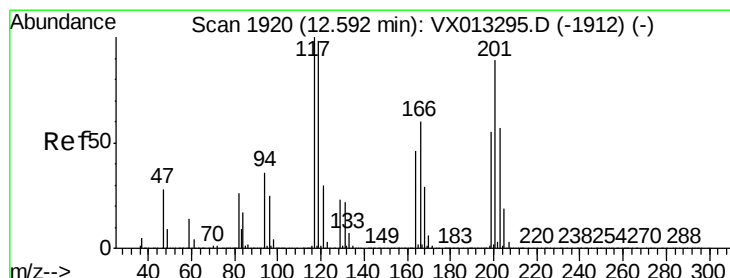
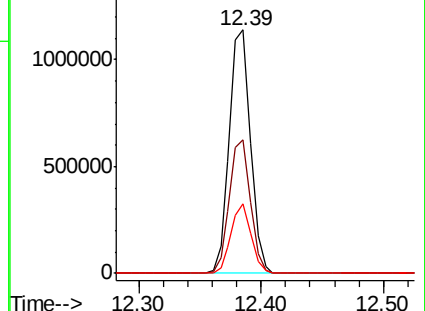
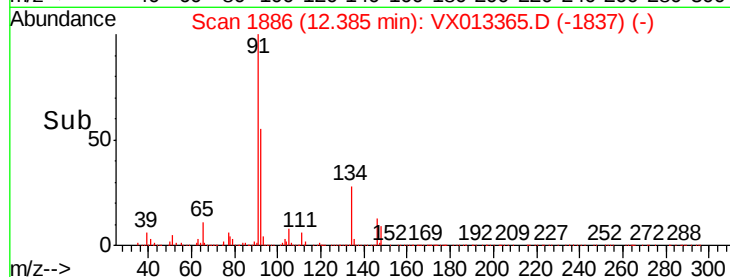
134 27.1 13.5 40.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 53.856 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VX013365.D

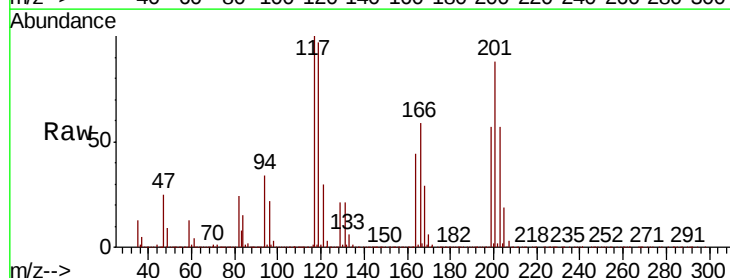
Acq: 08 Nov 2019 18:11

Tgt Ion: 117 Resp: 280335

Ion Ratio Lower Upper

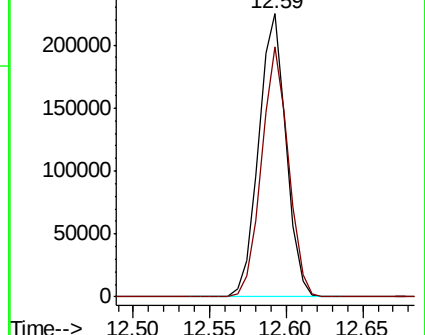
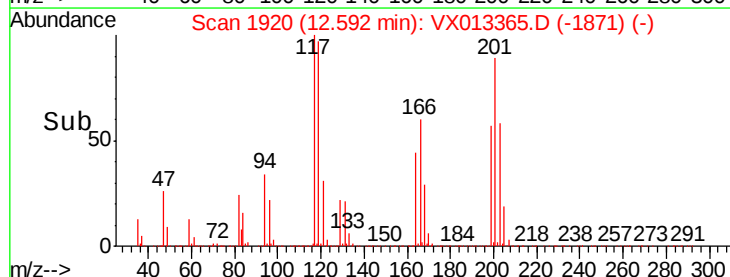
117 100

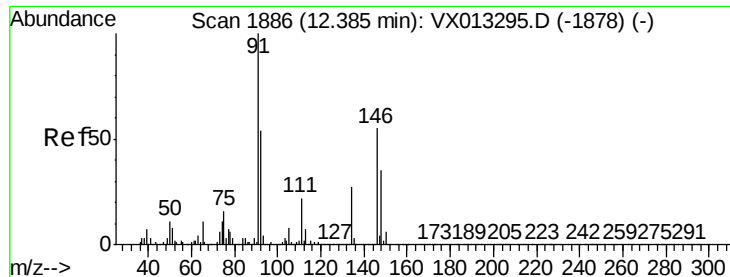
201 86.9 43.9 131.7



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

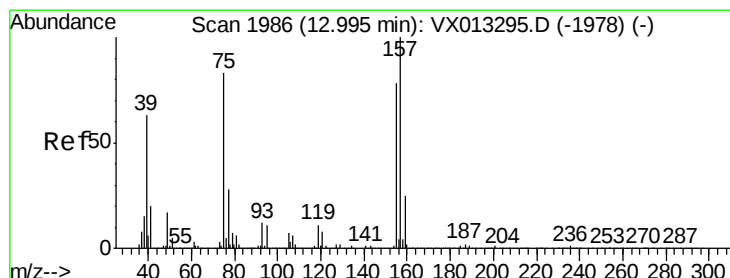
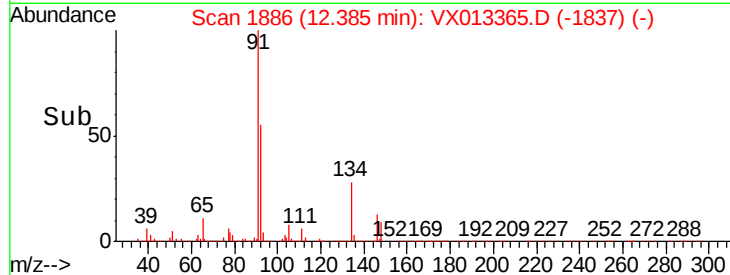
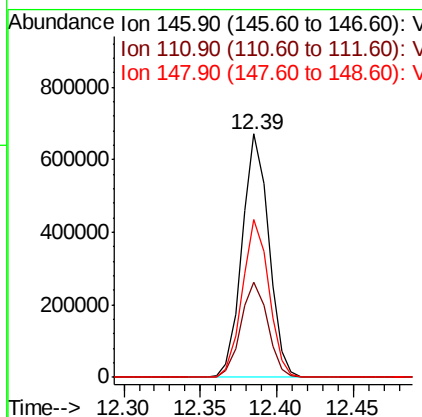
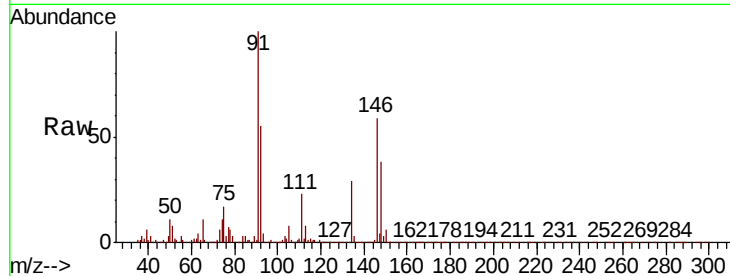




#91
 1,2-Dichlorobenzene
 Concen: 52.092 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX013365.D
 Acq: 08 Nov 2019 18:11

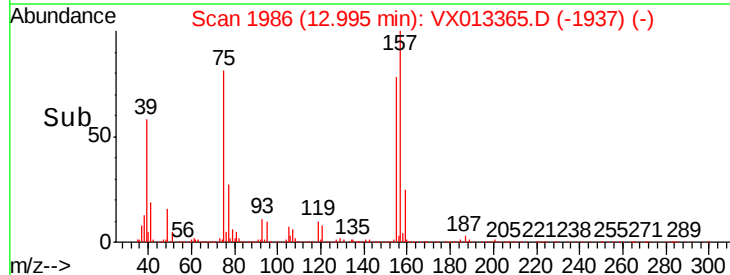
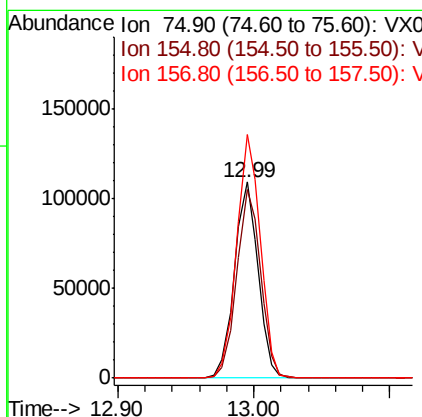
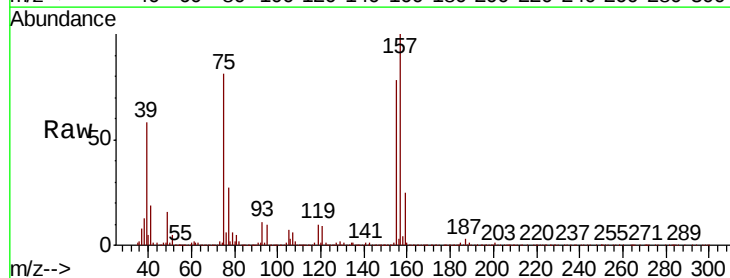
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

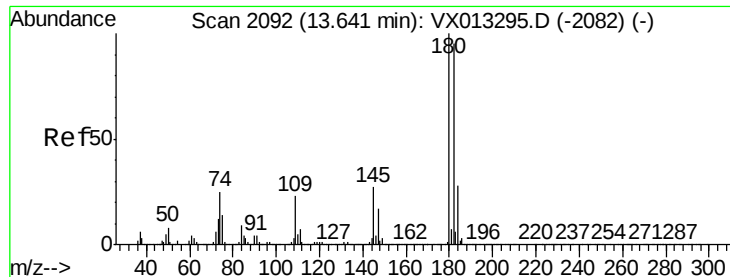
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.2	20.1	60.2
148	64.4	32.0	96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.277 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX013365.D
 Acq: 08 Nov 2019 18:11

Tgt Ion	Ratio	Lower	Upper
75	100		
155	98.0	47.1	141.4
157	124.8	61.3	183.8

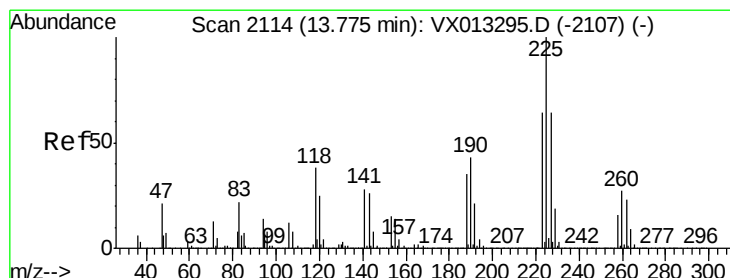
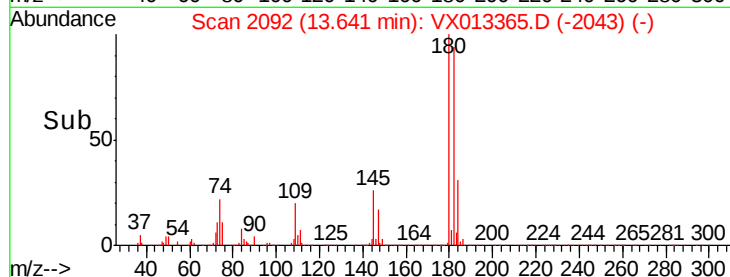
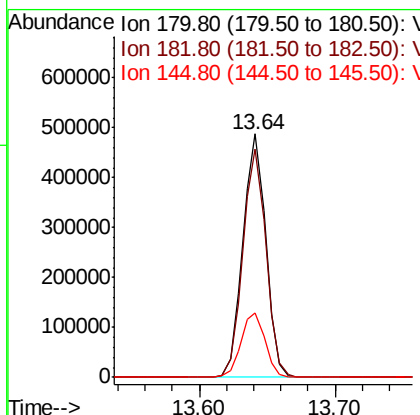
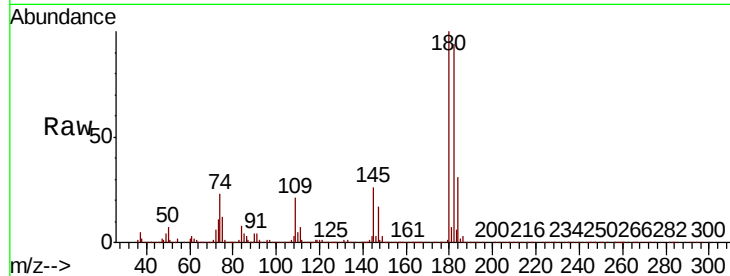




#93
 1,2,4-Trichlorobenzene
 Concen: 52.629 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX013365.D
 Acq: 08 Nov 2019 18:11

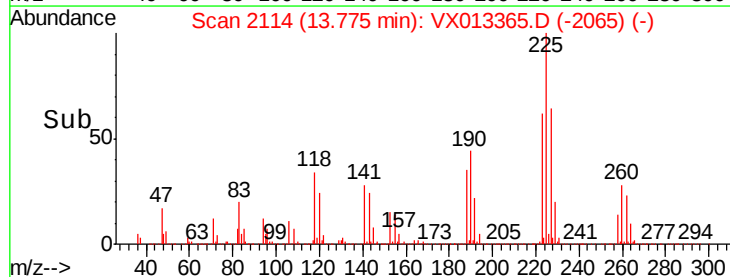
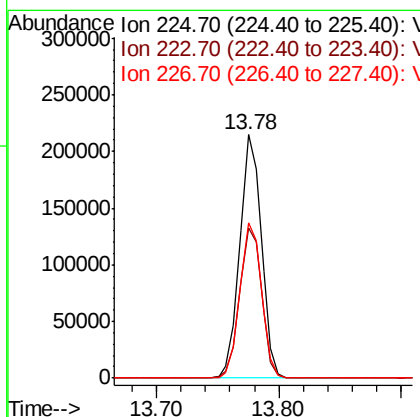
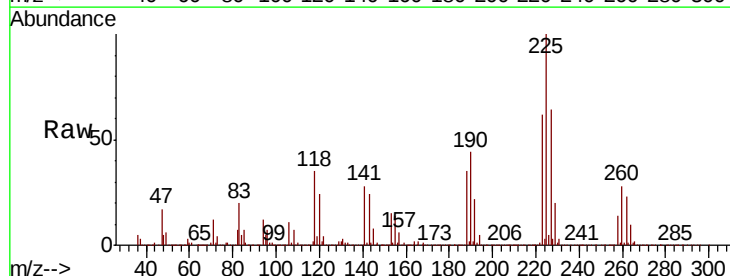
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

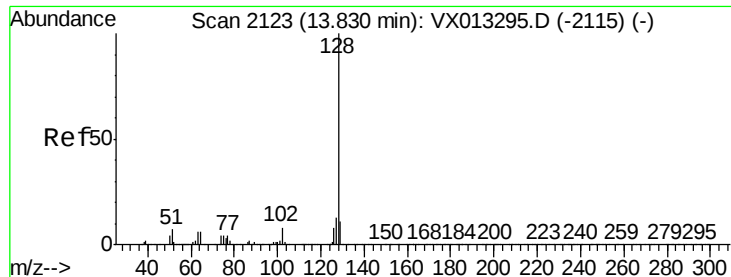
Tot Ion:180 Resp: 574114
 Ion Ratio Lower Upper
 180 100
 182 94.7 48.4 145.0
 145 27.9 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 48.957 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX013365.D
 Acq: 08 Nov 2019 18:11

Tgt Ion:225 Resp: 261280
 Ion Ratio Lower Upper
 225 100
 223 63.0 31.9 95.7
 227 63.7 31.9 95.9

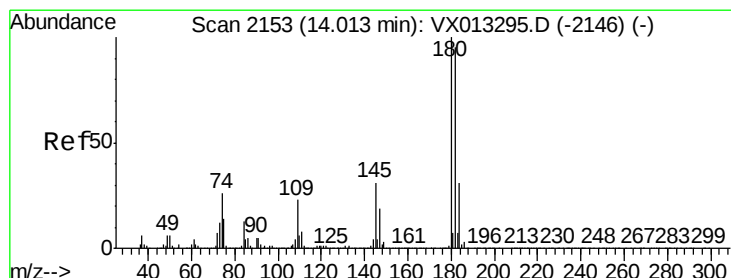
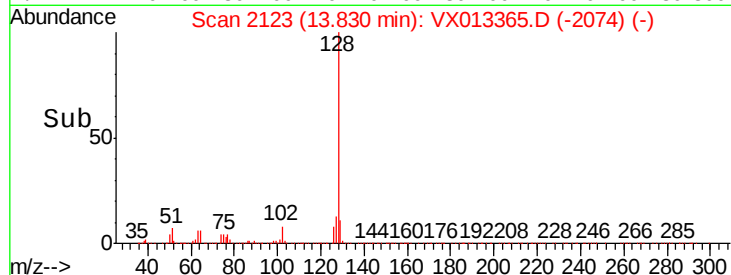
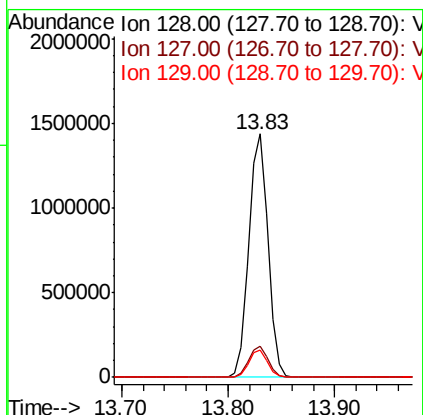
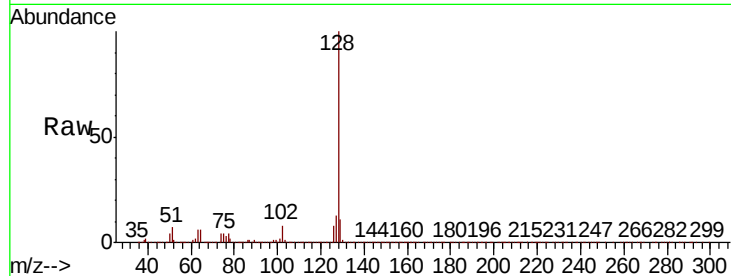




#95
Naphthalene
Concen: 53.137 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX013365.D
Acq: 08 Nov 2019 18:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 1818674
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.2
129 10.8 8.5 12.7



#96
1,2,3-Trichlorobenzene
Concen: 51.461 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX013365.D
Acq: 08 Nov 2019 18:11

Tgt Ion:180 Resp: 562990
Ion Ratio Lower Upper
180 100
182 97.6 48.0 144.2
145 30.7 15.4 46.4

