

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX110619\
 Data File : VX013333.D
 Acq On : 06 Nov 2019 10:15
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 07 02:11:57 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	749304	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1123111	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	1030182	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	532432	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	414496	46.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.38%	
35) Dibromofluoromethane	5.48	113	334237	47.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.90%	
50) Toluene-d8	8.71	98	1273878	47.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.94%	
62) 4-Bromofluorobenzene	11.13	95	469704	49.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.02%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	425020	49.229	ug/l	99
3) Chloromethane	1.32	50	445939	47.630	ug/l	98
4) Vinyl Chloride	1.40	62	514706	48.289	ug/l	100
5) Bromomethane	1.63	94	319029	42.951	ug/l	99
6) Chloroethane	1.71	64	285083	46.710	ug/l	100
7) Trichlorofluoromethane	1.92	101	574561	45.626	ug/l	98
8) Diethyl Ether	2.18	74	269226	48.346	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	351148	50.030	ug/l	99
10) Methyl Iodide	2.50	142	424057	48.799	ug/l	98
11) Tert butyl alcohol	3.03	59	499639	213.546	ug/l	100
12) 1,1-Dichloroethene	2.36	96	342966	49.899	ug/l	98
13) Acrolein	2.28	56	288240	227.307	ug/l	99
14) Allyl chloride	2.72	41	643253	51.508	ug/l	98
15) Acrylonitrile	3.13	53	1105340	252.909	ug/l	98
16) Acetone	2.43	43	1132243	255.715	ug/l	100
17) Carbon Disulfide	2.56	76	916154	49.800	ug/l	99
18) Methyl Acetate	2.76	43	618327	50.583	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	1222538	53.329	ug/l	99
20) Methylene Chloride	2.84	84	400994	49.016	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	369675	49.397	ug/l	99
22) Diisopropyl ether	3.84	45	1267894	52.587	ug/l	97
23) Vinyl Acetate	3.80	43	5405716	262.018	ug/l	100
24) 1,1-Dichloroethane	3.69	63	674771	50.029	ug/l	99
25) 2-Butanone	4.65	43	1656205	254.975	ug/l	99
26) 2,2-Dichloropropane	4.57	77	559946	52.187	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	438109	52.260	ug/l	98
28) Bromochloromethane	5.00	49	197492	51.571	ug/l	96
29) Tetrahydrofuran	5.11	42	997538	249.208	ug/l	99
30) Chloroform	5.20	83	670943	50.378	ug/l	97
31) Cyclohexane	5.57	56	605753	49.912	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	573221	50.013	ug/l	100
36) 1,1-Dichloropropene	5.79	75	505041	52.418	ug/l	99
37) Ethyl Acetate	4.81	43	598570	50.277	ug/l	100
38) Carbon Tetrachloride	5.77	117	496257	52.671	ug/l	98

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	629772	52.458	ug/l	98
40) Benzene	6.13	78	1531603	51.032	ug/l	98
41) Methacrylonitrile	5.03	41	335210	50.233	ug/l	98
42) 1,2-Dichloroethane	6.18	62	557902	51.535	ug/l	99
43) Isopropyl Acetate	6.43	43	984632	53.111	ug/l	99
44) Trichloroethene	7.20	130	415670	50.315	ug/l	98
45) 1,2-Dichloropropane	7.50	63	397004	51.916	ug/l	96
46) Dibromomethane	7.65	93	269248	51.568	ug/l	98
47) Bromodichloromethane	7.89	83	539402	54.786	ug/l	96
48) Methyl methacrylate	7.76	41	495872	53.583	ug/l	98
49) 1,4-Dioxane	7.73	88	207909	981.016	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	3086932	253.793	ug/l	99
52) Toluene	8.78	92	973967	52.360	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	609952	56.655	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	657104	54.563	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	410440	53.234	ug/l	99
56) Ethyl methacrylate	9.17	69	669388	50.828	ug/l	98
57) 1,3-Dichloropropane	9.37	76	686190	52.428	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	1399464	265.462	ug/l	99
59) 2-Hexanone	9.48	43	2478499	263.686	ug/l	99
60) Dibromochloromethane	9.57	129	442073	56.063	ug/l	100
61) 1,2-Dibromoethane	9.67	107	429811	52.498	ug/l	99
64) Tetrachloroethene	9.33	164	379320	51.435	ug/l	99
65) Chlorobenzene	10.14	112	1061017	50.872	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	400255	52.266	ug/l	100
67) Ethyl Benzene	10.25	91	1873022	52.034	ug/l	99
68) m/p-Xylenes	10.35	106	1431851	105.179	ug/l	100
69) o-Xylene	10.70	106	696745	52.277	ug/l	99
70) Styrene	10.71	104	1221409	54.823	ug/l	98
71) Bromoform	10.85	173	347733	49.039	ug/l #	99
73) Isopropylbenzene	11.01	105	1850630	52.424	ug/l	99
74) N-amyl acetate	10.89	43	900686	55.021	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	655624	50.909	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	751207	69.464	ug/l	82
77) Bromobenzene	11.25	156	494200	52.514	ug/l	97
78) n-propylbenzene	11.35	91	2129945	54.165	ug/l	99
79) 2-Chlorotoluene	11.42	91	1238250	52.264	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	1582008	53.803	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	228924	54.487	ug/l	96
82) 4-Chlorotoluene	11.51	91	1443788	52.059	ug/l	99
83) tert-Butylbenzene	11.76	119	1595424	53.901	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	1577912	53.495	ug/l	98
85) sec-Butylbenzene	11.94	105	1806863	53.115	ug/l	99
86) p-Isopropyltoluene	12.06	119	1700967	54.301	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	887417	52.901	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	878366	51.393	ug/l	99
89) n-Butylbenzene	12.39	91	1492461	54.603	ug/l	100
90) Hexachloroethane	12.59	117	303995	54.468	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	877969	52.359	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	146521	46.699	ug/l	98

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Quant Title : SW846 8260
QLast Update : Sat Nov 02 07:06:38 2019
Response via : Initial Calibration

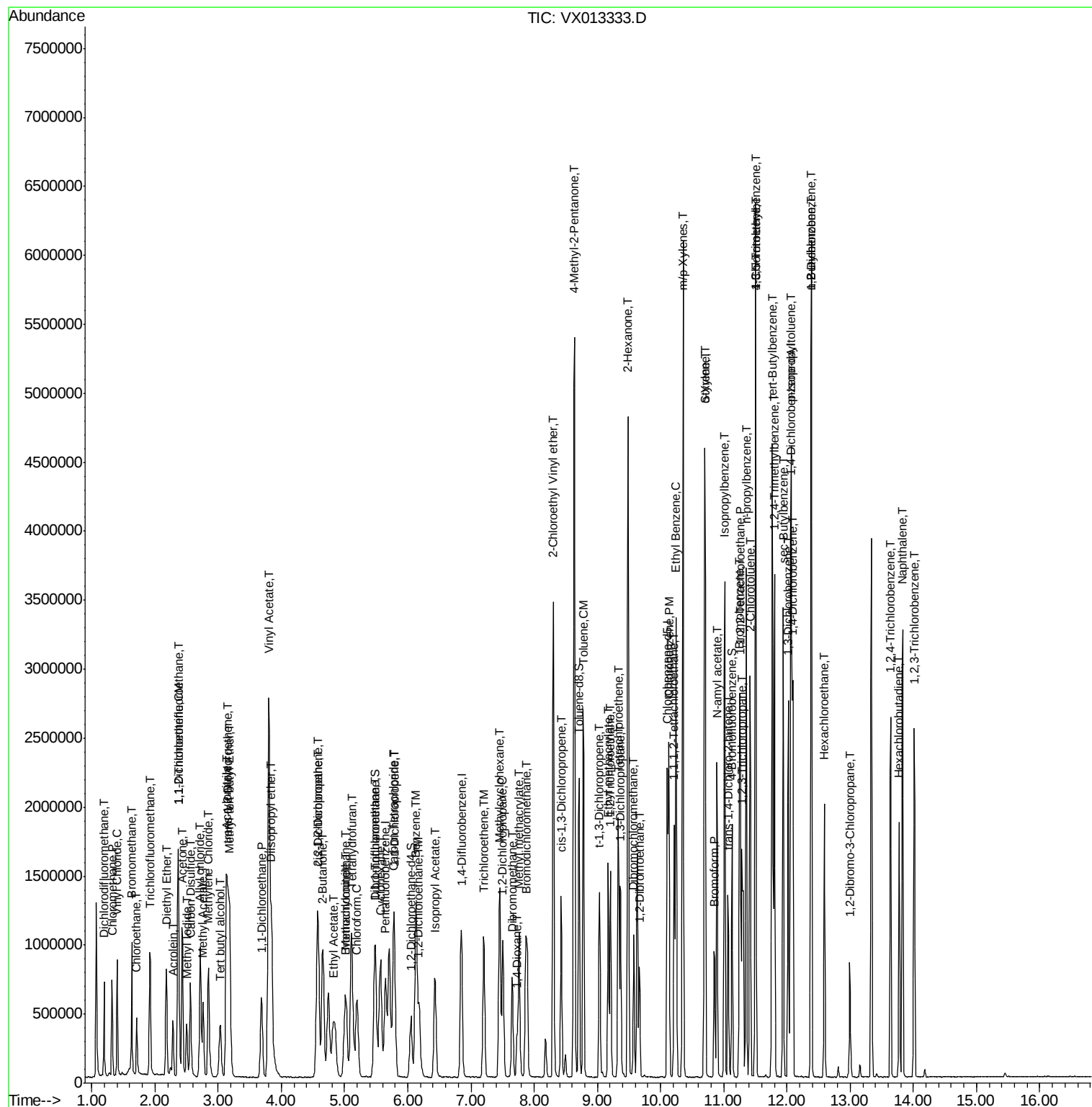
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	642548	54.935	ug/l	99
94) Hexachlorobutadiene	13.78	225	288892	50.485	ug/l	99
95) Naphthalene	13.83	128	2004984	54.635	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	633718	54.025	ug/l	99

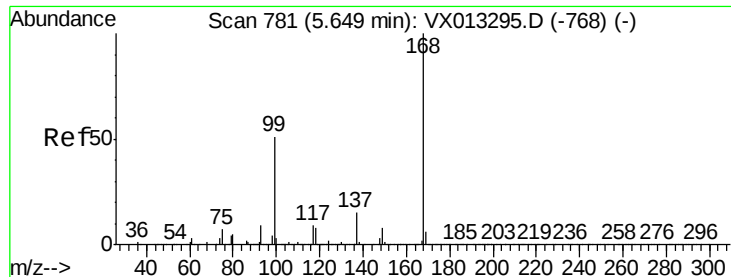
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX110619\
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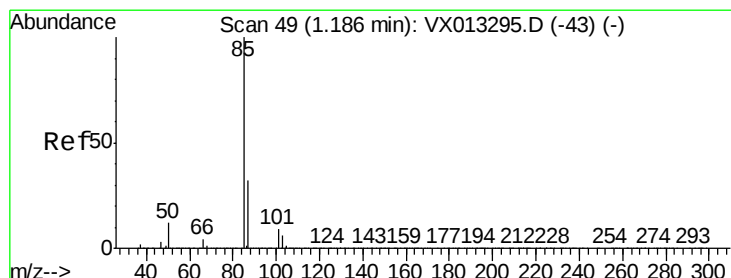
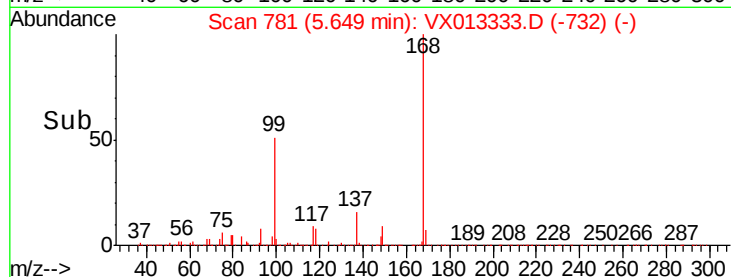
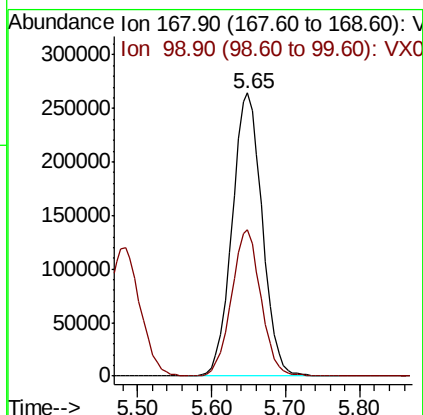
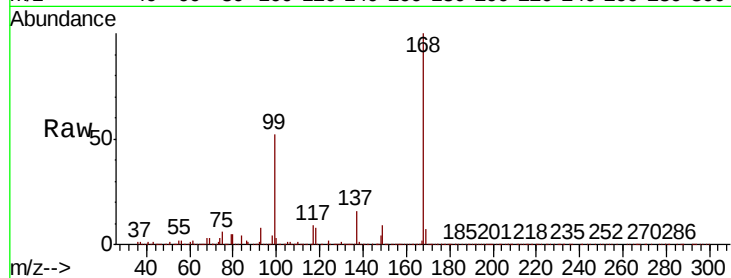


#1

Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. 0.00 min
 Lab File: VX013333.D
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Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

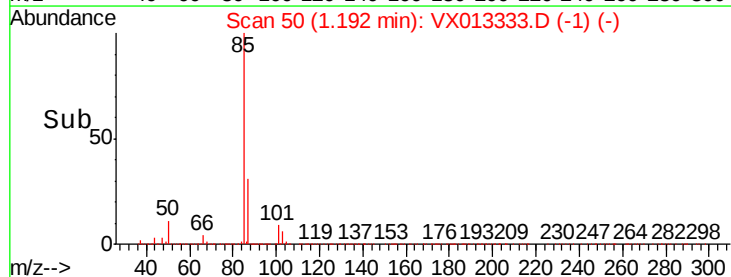
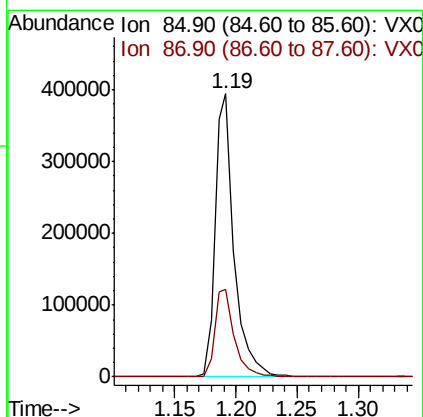
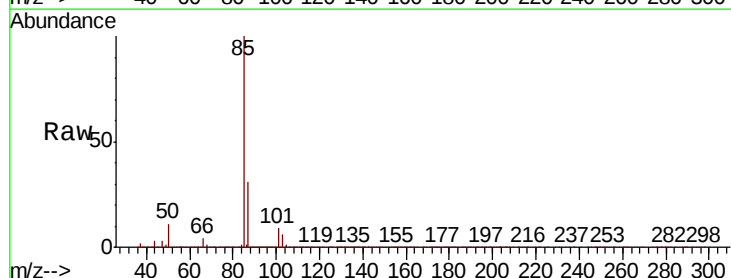
Tot Ion:168 Resp: 749304
 Ion Ratio Lower Upper
 168 100
 99 51.3 40.8 61.2

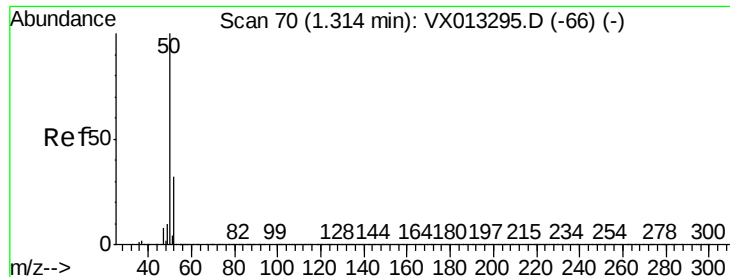


#2

Dichlorodifluoromethane
 Concen: 49.229 ug/l
 RT: 1.19 min Scan# 50
 Delta R.T. 0.01 min
 Lab File: VX013333.D
 Acq: 06 Nov 2019 10:15

Tgt Ion: 85 Resp: 425020
 Ion Ratio Lower Upper
 85 100
 87 31.0 15.9 47.6





#3

Chloromethane

Concen: 47.630 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.01 min

Lab File: VX013333.D

Acq: 06 Nov 2019 10:15

Instrument :

MSVOA_X

ClientSampleId :

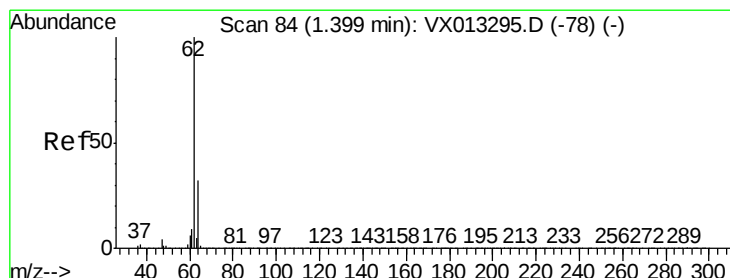
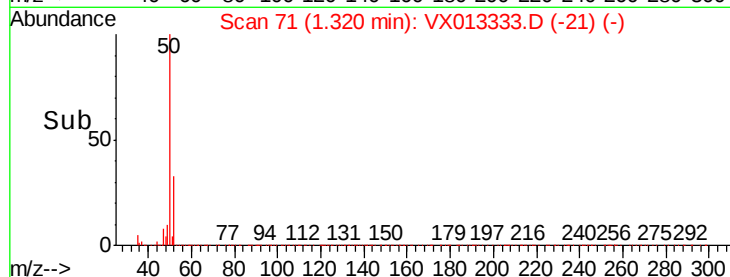
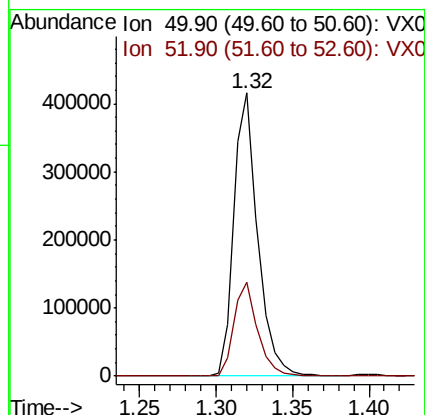
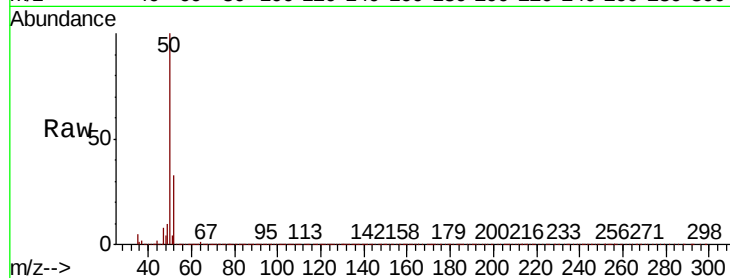
VSTDCCC050

Tot Ion: 50 Resp: 445939

Ion Ratio Lower Upper

50 100

52 33.1 25.5 38.3



#4

Vinyl Chloride

Concen: 48.289 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013333.D

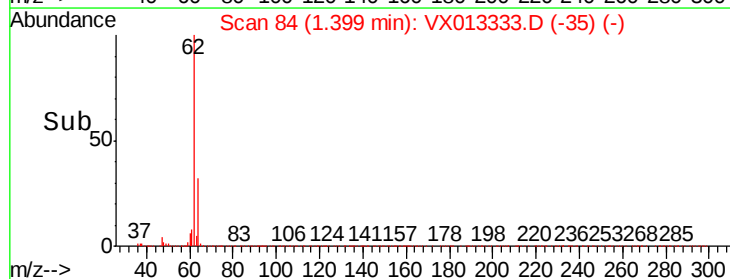
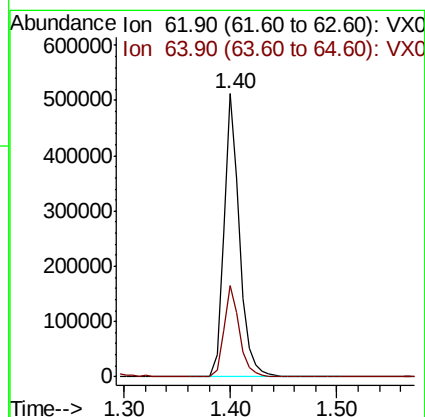
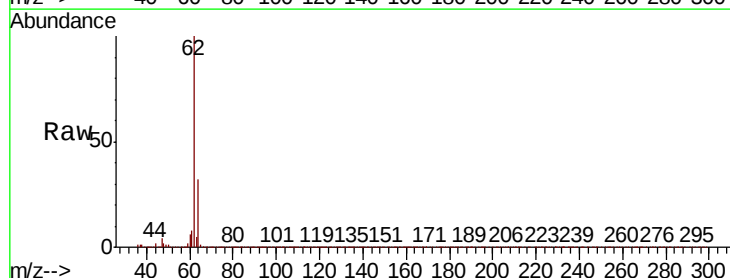
Acq: 06 Nov 2019 10:15

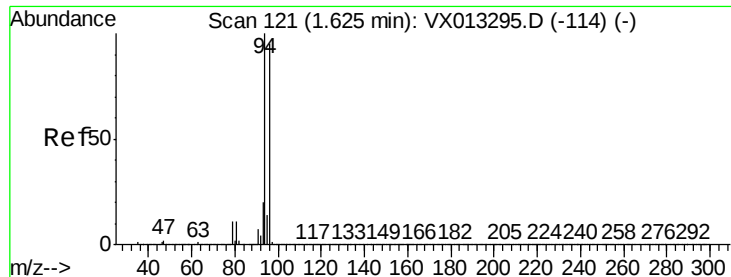
Tgt Ion: 62 Resp: 514706

Ion Ratio Lower Upper

62 100

64 32.1 25.6 38.4





#5

Bromomethane

Concen: 42.951 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX013333.D

Acq: 06 Nov 2019 10:15

Instrument :

MSVOA_X

ClientSampleId :

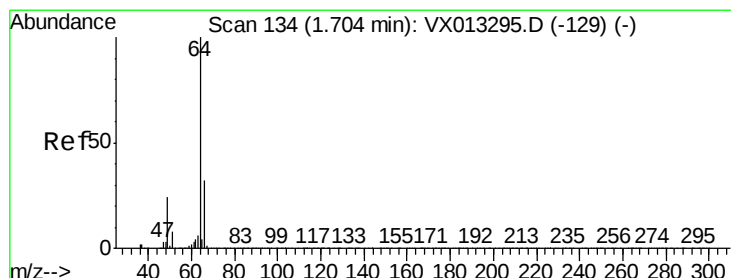
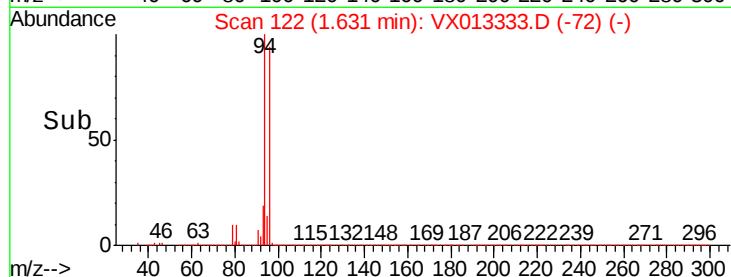
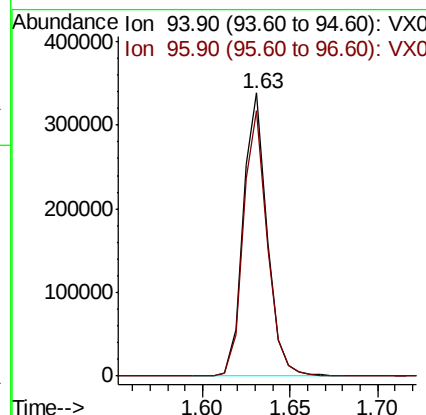
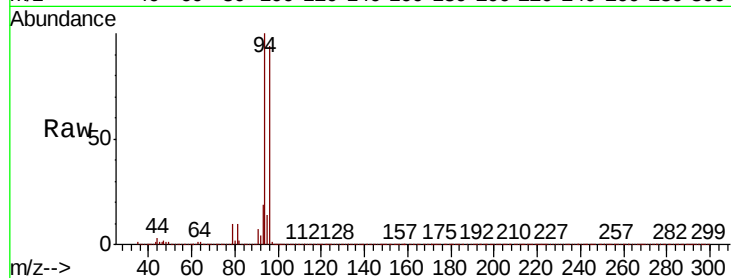
VSTDCCC050

Tot Ion: 94 Resp: 319029

Ion Ratio Lower Upper

94 100

96 93.7 75.8 113.8



#6

Chloroethane

Concen: 46.710 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX013333.D

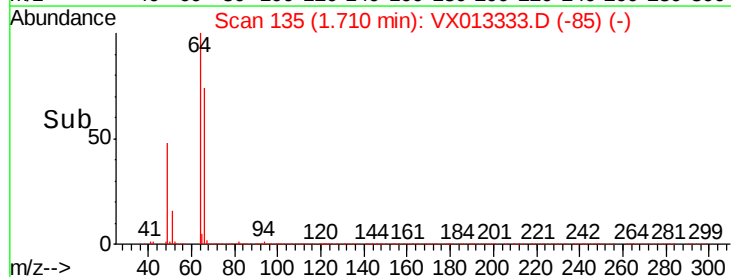
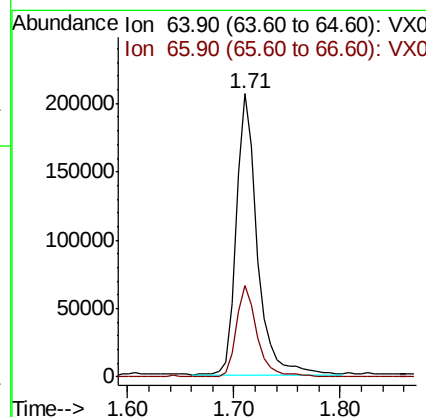
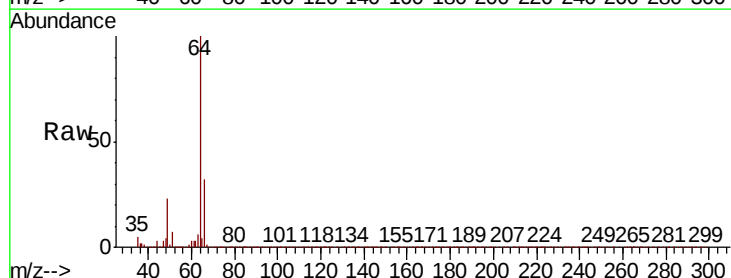
Acq: 06 Nov 2019 10:15

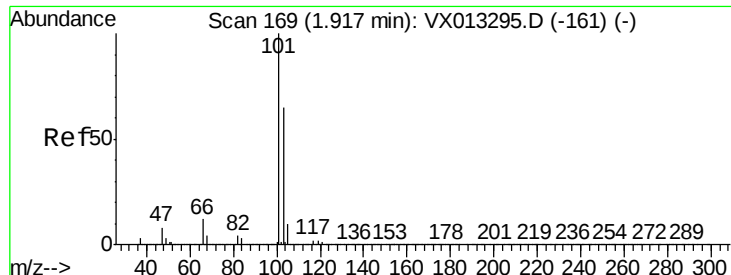
Tgt Ion: 64 Resp: 285083

Ion Ratio Lower Upper

64 100

66 32.0 25.6 38.4



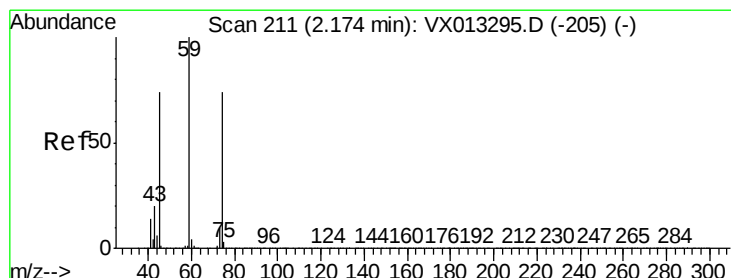
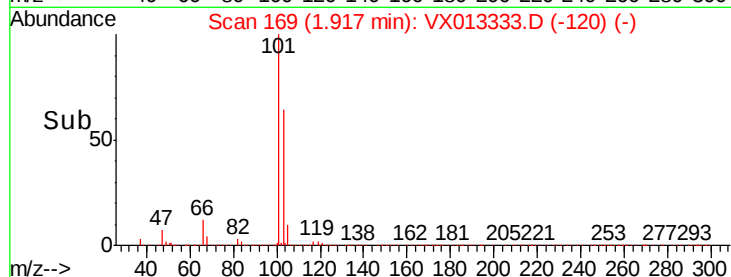
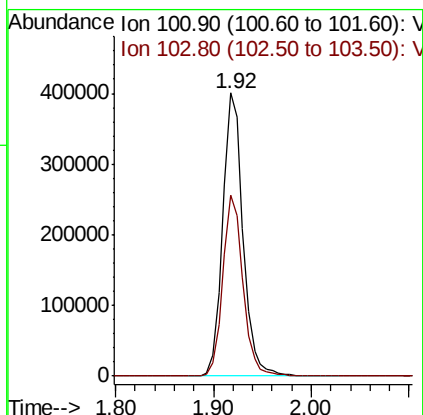
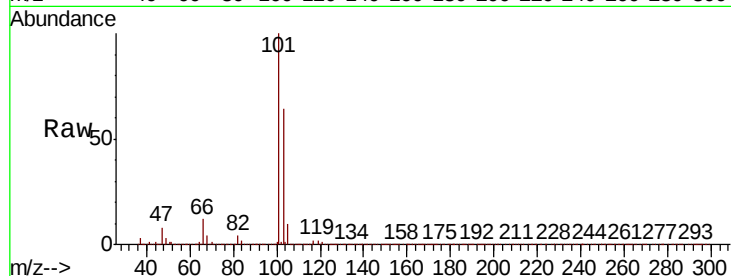


#7

Trichlorofluoromethane
Concen: 45.626 ug/l
RT: 1.92 min Scan# 169
Delta R.T. -0.00 min
Lab File: VX013333.D
Acq: 06 Nov 2019 10:15

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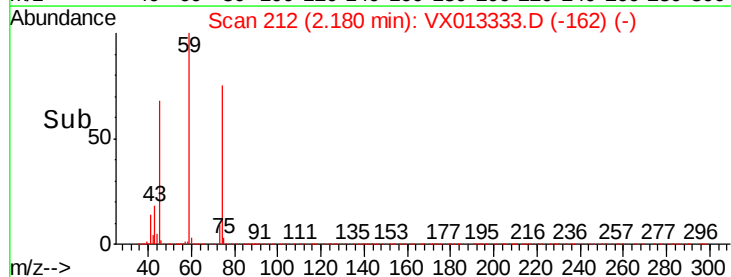
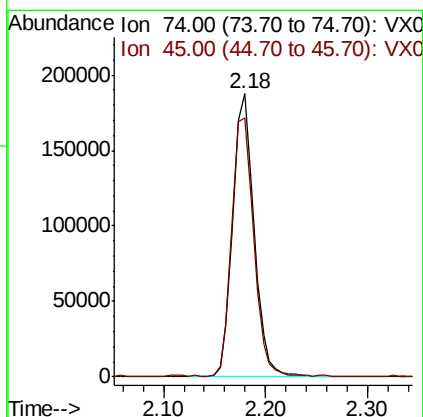
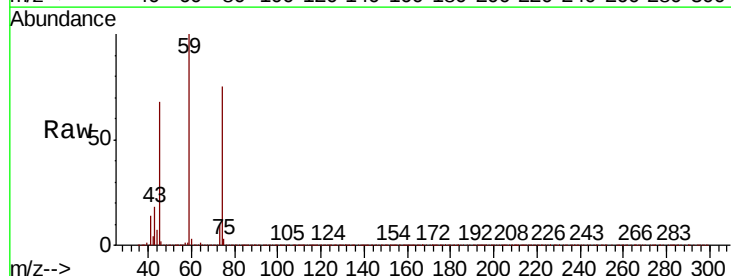
Tot Ion:101 Resp: 574561
Ion Ratio Lower Upper
101 100
103 63.8 52.3 78.5

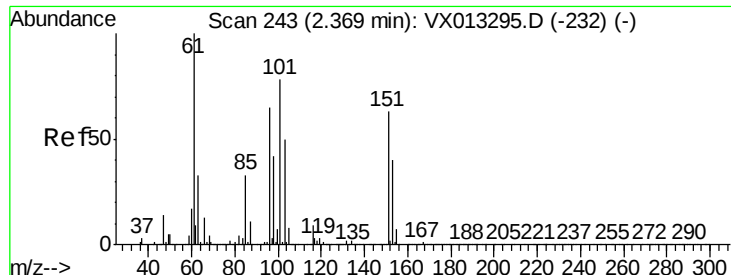


#8

Diethyl Ether
Concen: 48.346 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.01 min
Lab File: VX013333.D
Acq: 06 Nov 2019 10:15

Tgt Ion: 74 Resp: 269226
Ion Ratio Lower Upper
74 100
45 94.6 48.5 145.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.030 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX013333.D

Acq: 06 Nov 2019 10:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

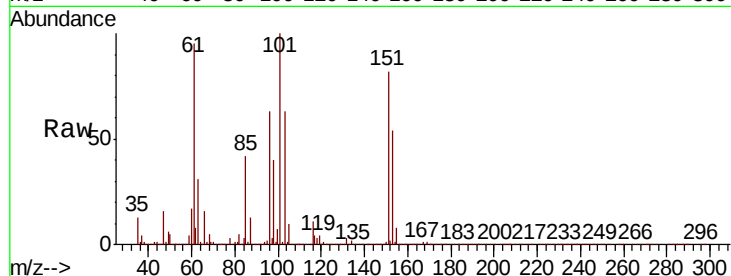
Tot Ion:101 Resp: 351148

Ion Ratio Lower Upper

101 100

85 42.1 34.4 51.6

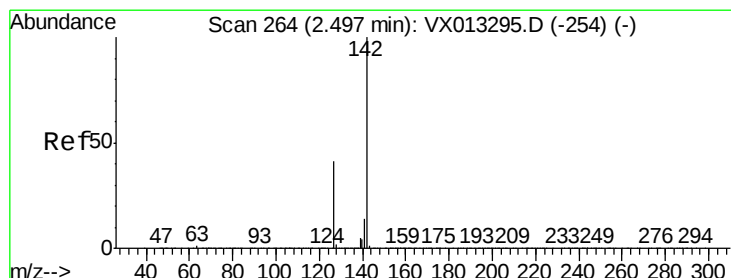
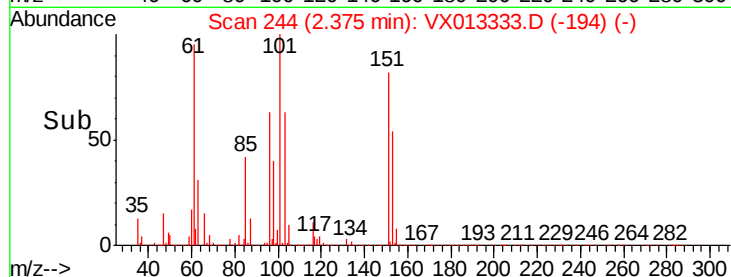
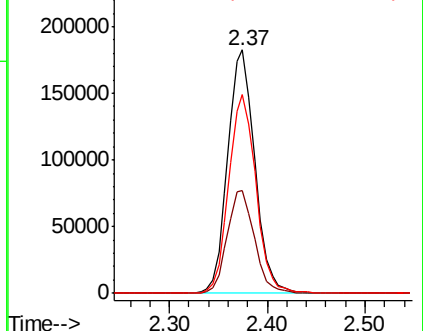
151 82.0 66.4 99.6



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: 48.799 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.01 min

Lab File: VX013333.D

Acq: 06 Nov 2019 10:15

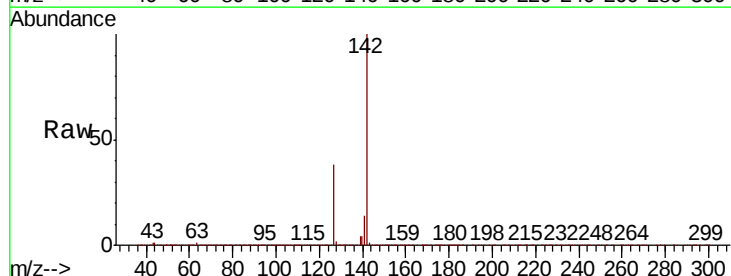
Tgt Ion:142 Resp: 424057

Ion Ratio Lower Upper

142 100

127 39.8 32.6 49.0

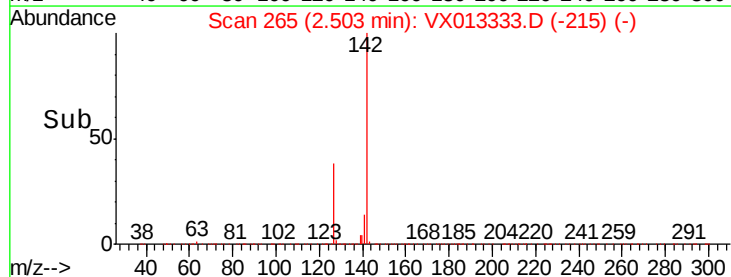
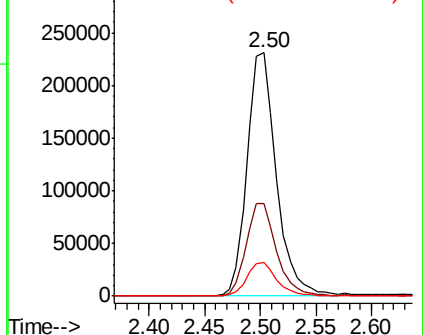
141 13.9 11.6 17.4

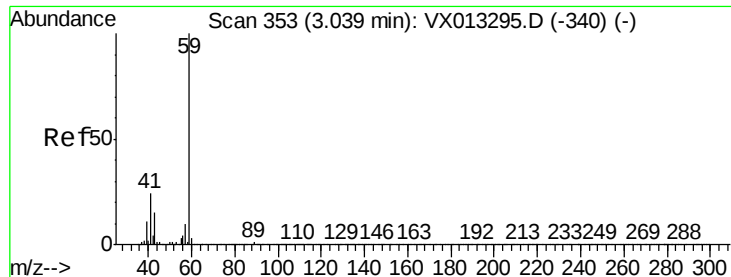


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



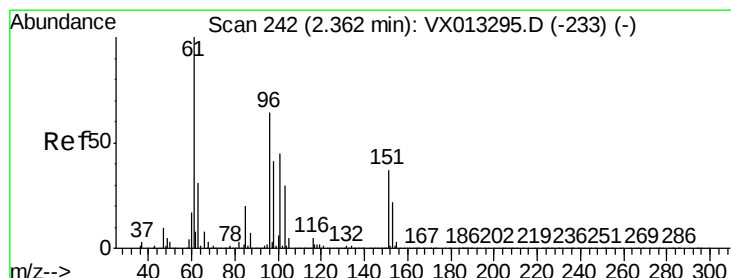
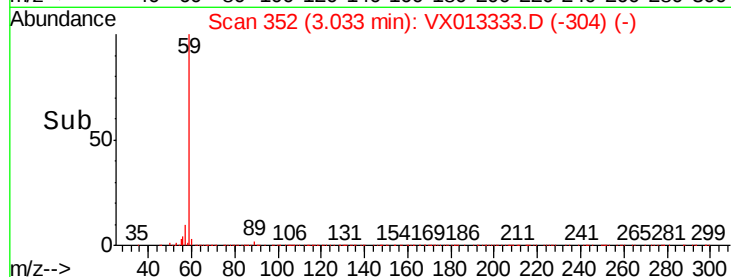
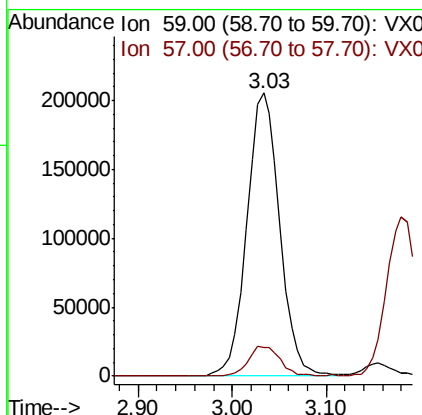
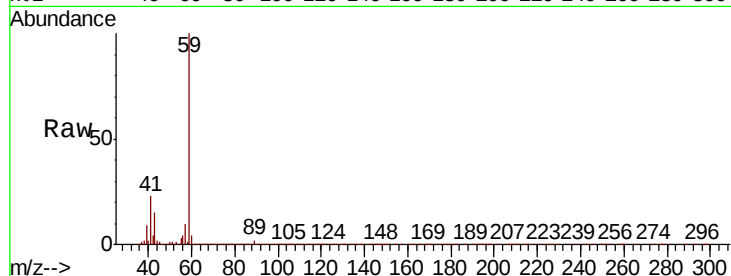


#11

Tert butyl alcohol
Concen: 213.546 ug/l
RT: 3.03 min Scan# 352
Delta R.T. -0.01 min
Lab File: VX013333.D
Acq: 06 Nov 2019 10:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

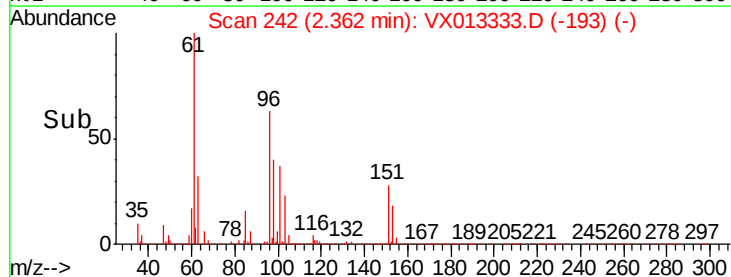
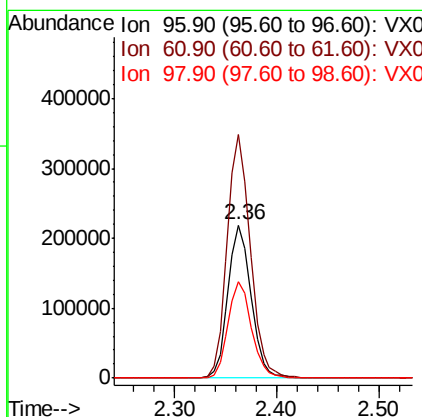
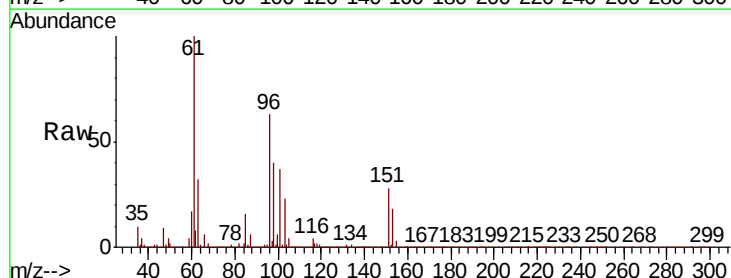
Tot Ion: 59 Resp: 499639
Ion Ratio Lower Upper
59 100
57 10.0 8.0 12.0

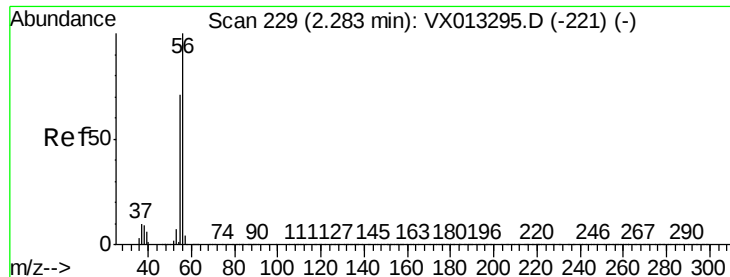


#12

1,1-Dichloroethene
Concen: 49.899 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX013333.D
Acq: 06 Nov 2019 10:15

Tgt Ion: 96 Resp: 342966
Ion Ratio Lower Upper
96 100
61 159.3 125.0 187.6
98 63.4 50.7 76.1





#13

Acrolein

Concen: 227.307 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX013333.D

Acq: 06 Nov 2019 10:15

Instrument :

MSVOA_X

ClientSampleId :

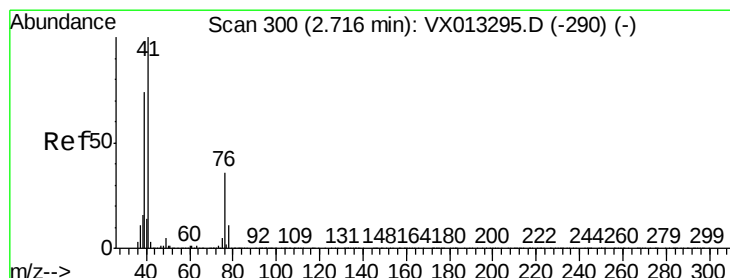
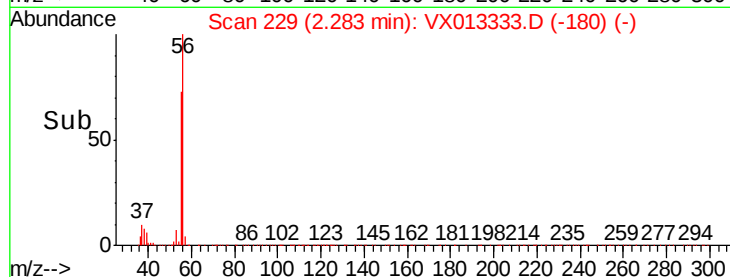
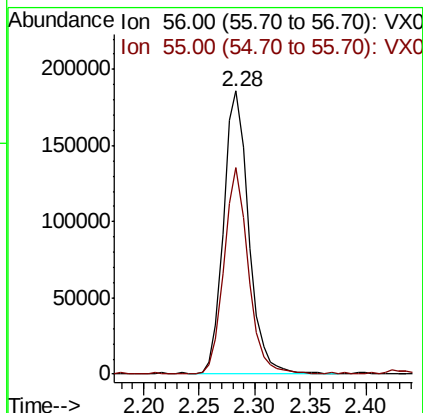
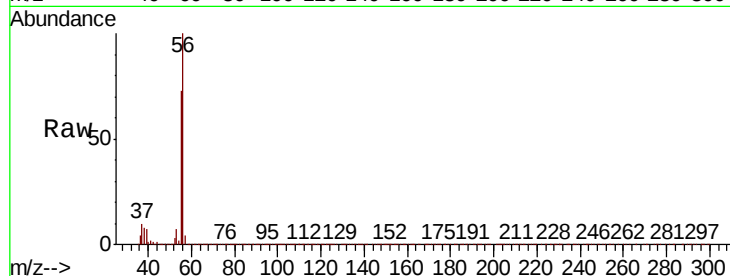
VSTDCCC050

Tot Ion: 56 Resp: 288240

Ion Ratio Lower Upper

56 100

55 70.5 57.4 86.0



#14

Allyl chloride

Concen: 51.508 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX013333.D

Acq: 06 Nov 2019 10:15

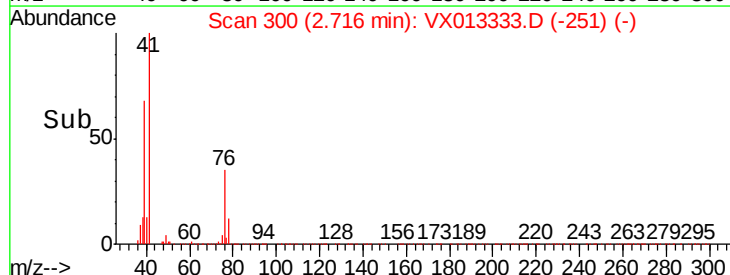
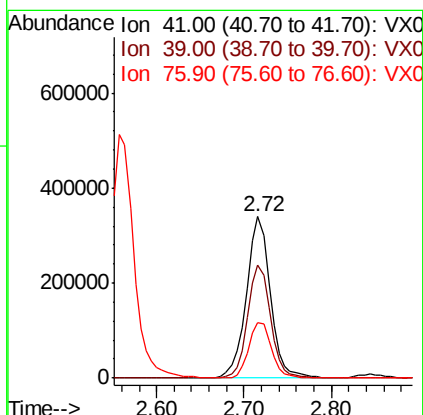
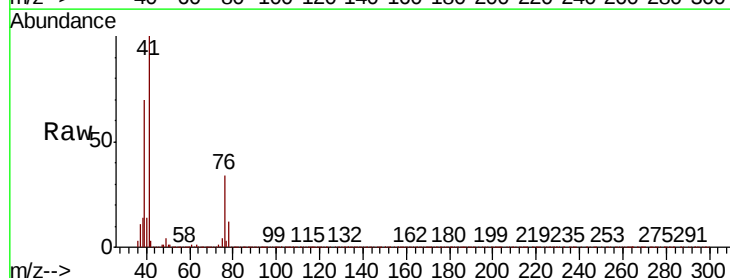
Tgt Ion: 41 Resp: 643253

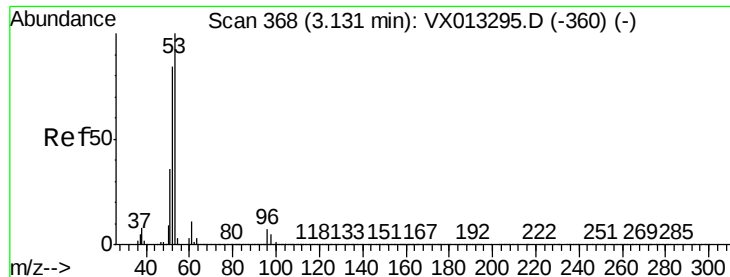
Ion Ratio Lower Upper

41 100

39 67.5 55.8 83.8

76 32.7 26.4 39.6





#15

Acrylonitrile

Concen: 252.909 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX013333.D

Acq: 06 Nov 2019 10:15

Instrument :

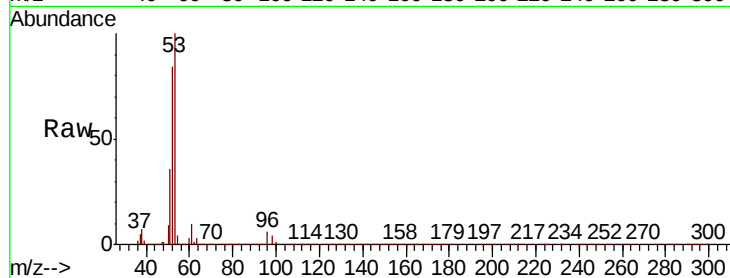
MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 53 Resp: 1105340

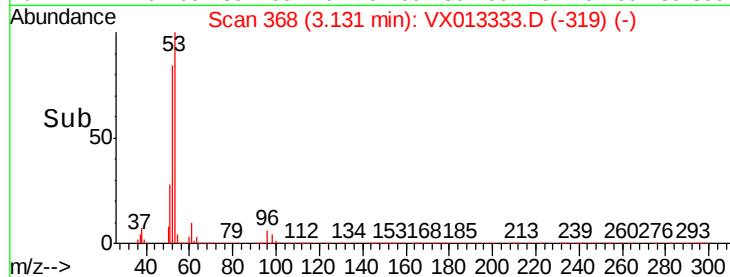
Ion	Ratio	Lower	Upper
53	100		
52	82.8	67.4	101.0
51	35.8	29.4	44.2



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

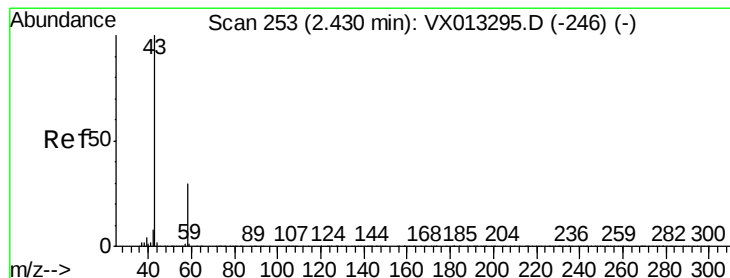
Ion 51.00 (50.70 to 51.70): VX0



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: 255.715 ug/l

RT: 2.43 min Scan# 253

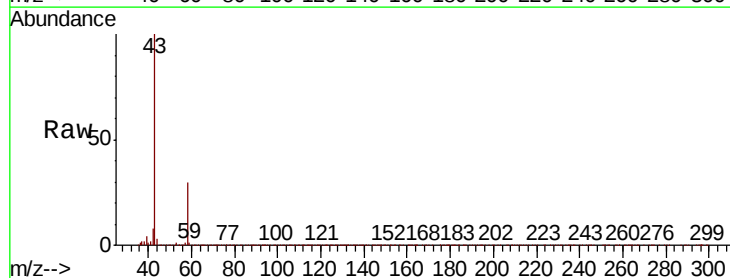
Delta R.T. 0.00 min

Lab File: VX013333.D

Acq: 06 Nov 2019 10:15

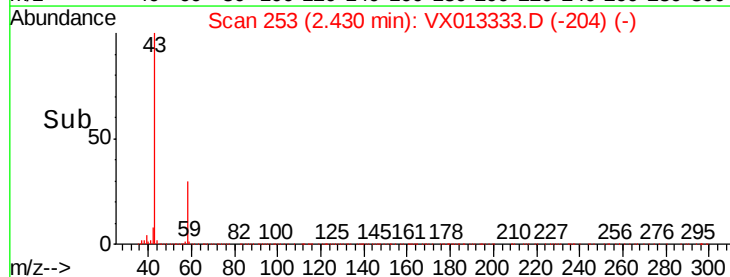
Tgt Ion: 43 Resp: 1132243

Ion	Ratio	Lower	Upper
43	100		
58	30.2	24.3	36.5



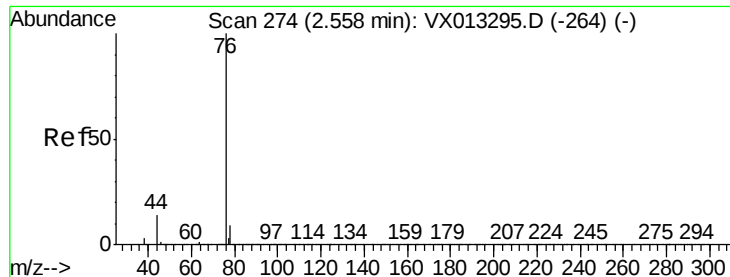
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



Abundance Ion 43.00 (42.70 to 43.70): VX0

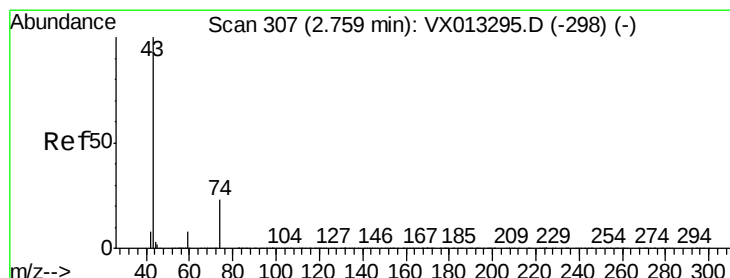
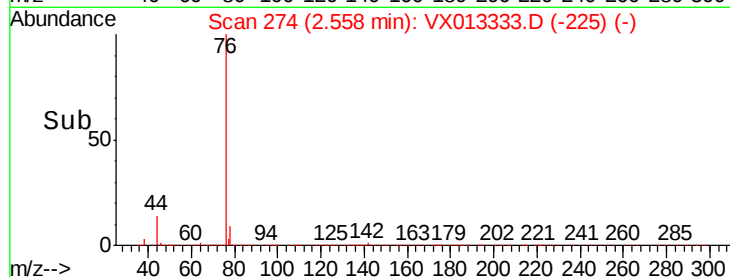
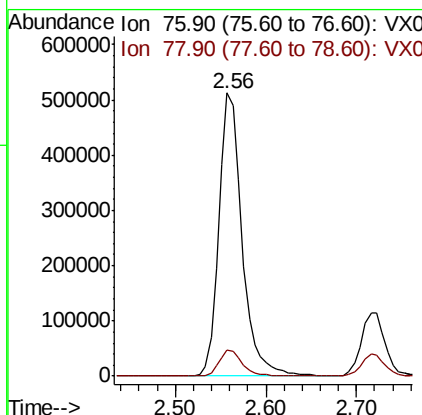
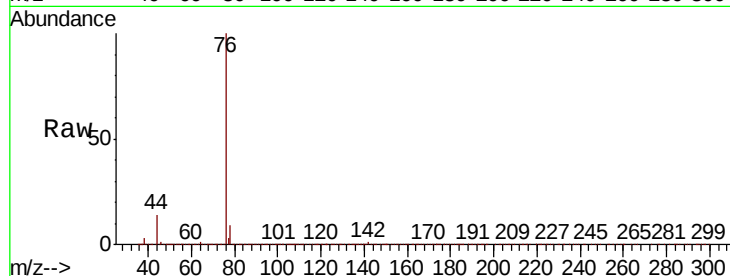
Ion 58.00 (57.70 to 58.70): VX0



#17
Carbon Disulfide
Concen: 49.800 ug/l
RT: 2.56 min Scan# 274
Delta R.T. -0.00 min
Lab File: VX013333.D
Acq: 06 Nov 2019 10:15

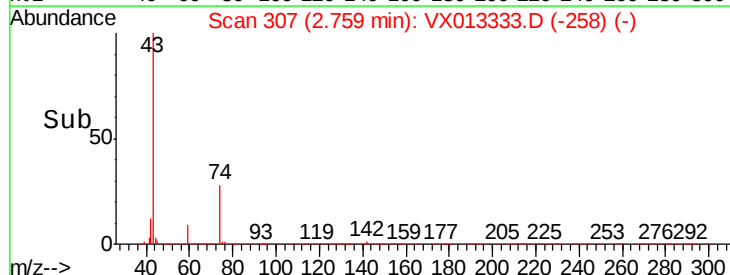
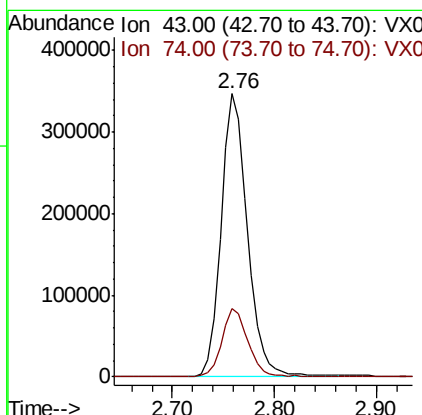
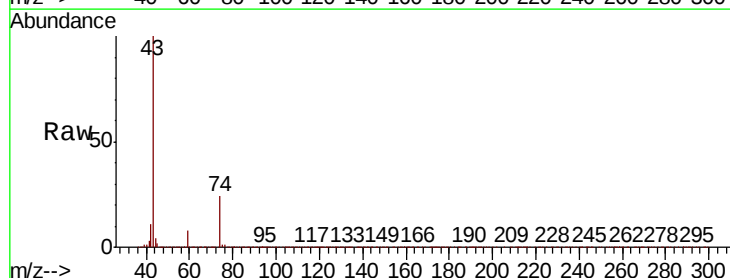
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

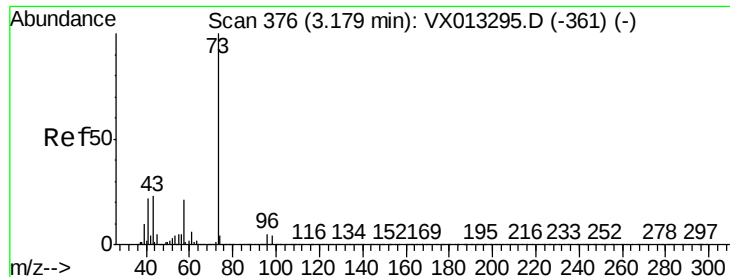
Tot Ion: 76 Resp: 916154
Ion Ratio Lower Upper
76 100
78 9.3 7.0 10.6



#18
Methyl Acetate
Concen: 50.583 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.00 min
Lab File: VX013333.D
Acq: 06 Nov 2019 10:15

Tgt Ion: 43 Resp: 618327
Ion Ratio Lower Upper
43 100
74 24.1 19.0 28.6

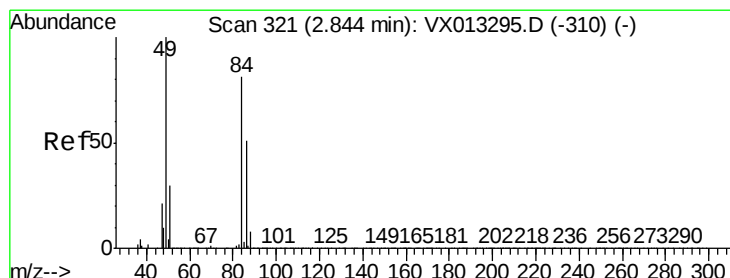
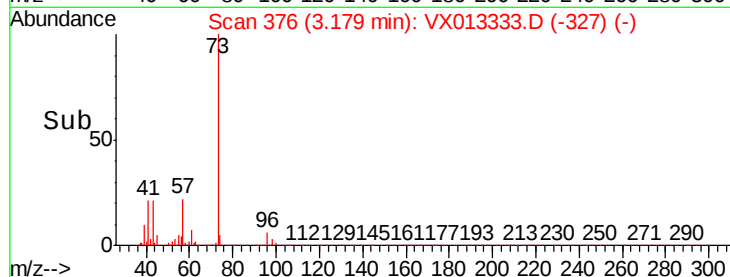
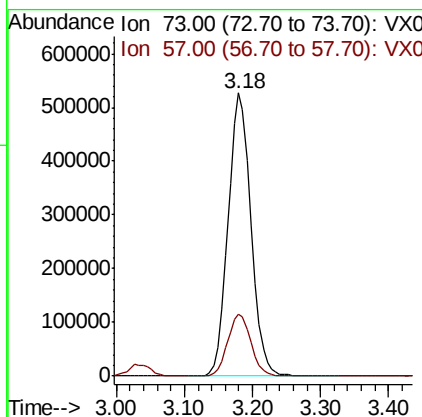
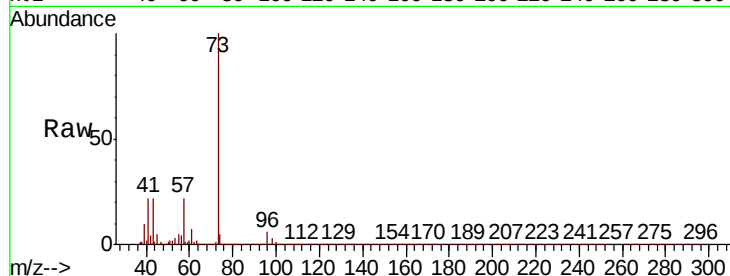




#19
Methvl tert-butvl Ether
Concen: 53.329 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.00 min
Lab File: VX013333.D
Acq: 06 Nov 2019 10:15

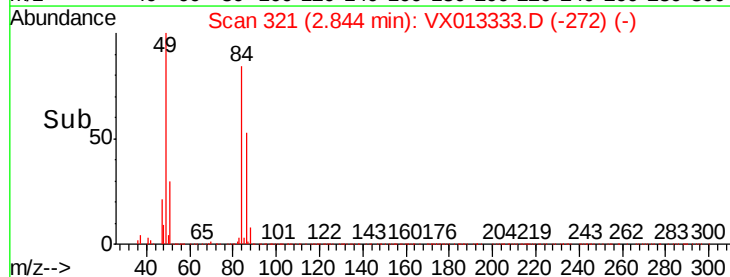
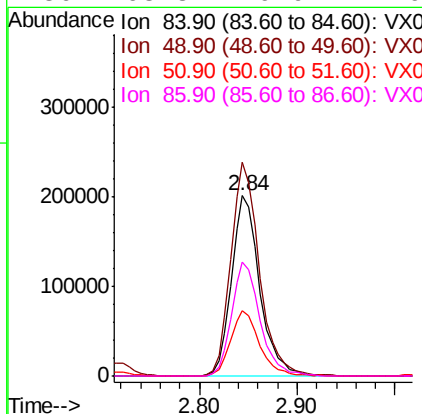
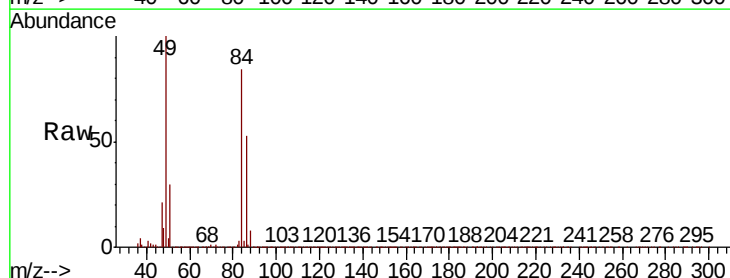
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

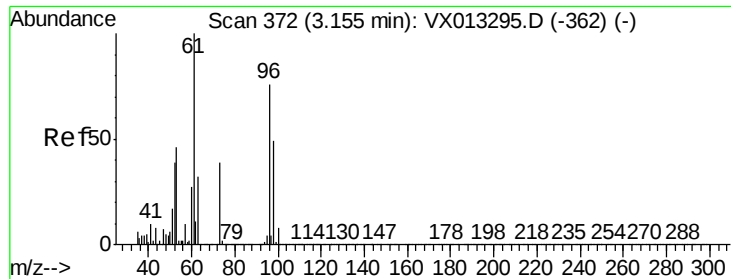
Tot Ion: 73 Resp: 1222538
Ion Ratio Lower Upper
73 100
57 21.9 17.1 25.7



#20
Methylene Chloride
Concen: 49.016 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.00 min
Lab File: VX013333.D
Acq: 06 Nov 2019 10:15

Tgt Ion: 84 Resp: 400994
Ion Ratio Lower Upper
84 100
49 118.4 98.2 147.4
51 36.0 29.9 44.9
86 63.3 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 49.397 ug/l

RT: 3.16 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX013333.D

Acq: 06 Nov 2019 10:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

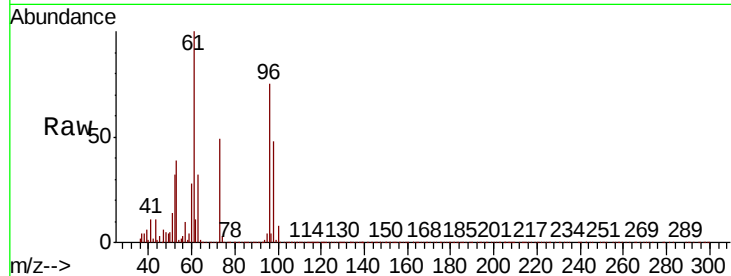
Tot Ion: 96 Resp: 369675

Ion Ratio Lower Upper

96 100

61 133.2 105.8 158.6

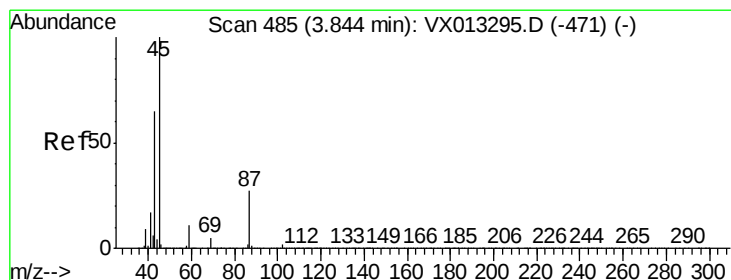
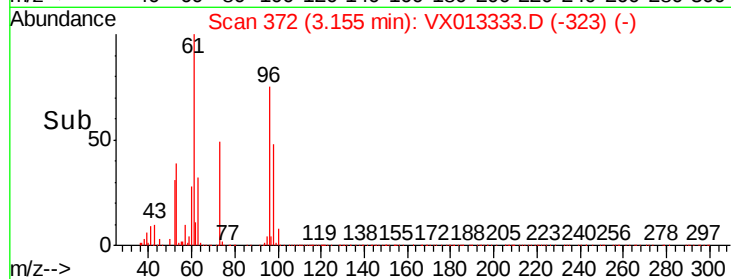
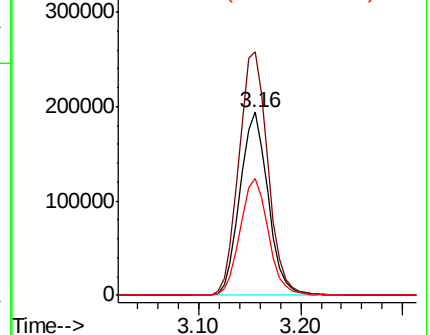
98 63.8 51.8 77.6



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 52.587 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.00 min

Lab File: VX013333.D

Acq: 06 Nov 2019 10:15

Tgt Ion: 45 Resp: 1267894

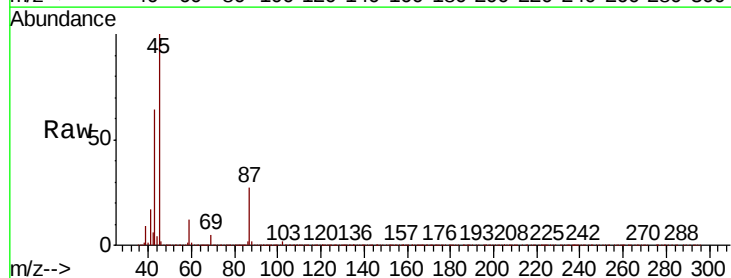
Ion Ratio Lower Upper

45 100

43 64.1 54.2 81.2

87 27.5 21.8 32.8

59 12.0 8.5 12.7

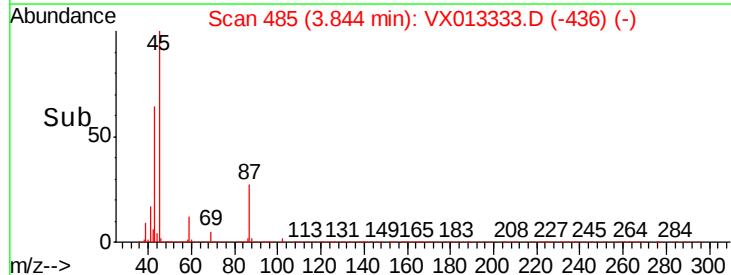
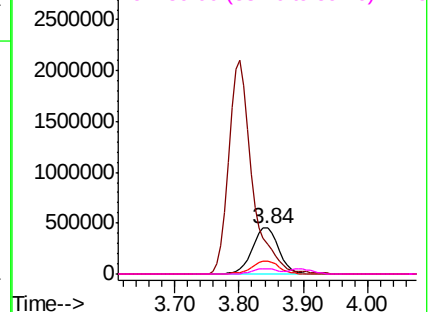


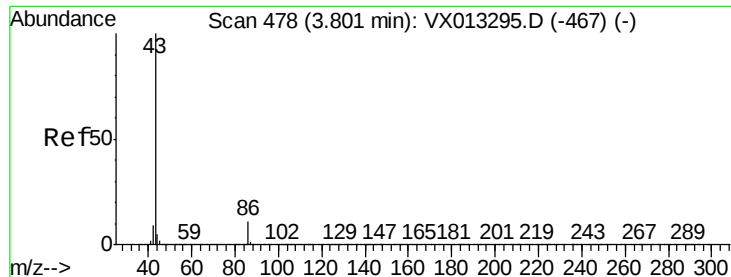
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0

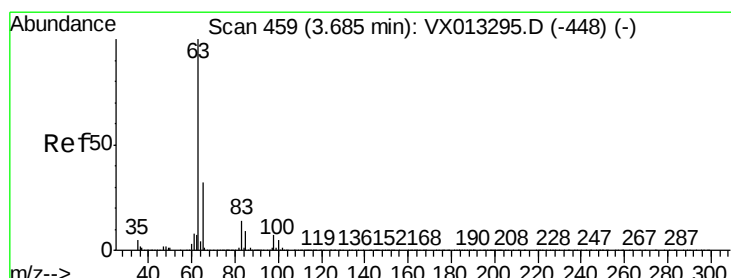
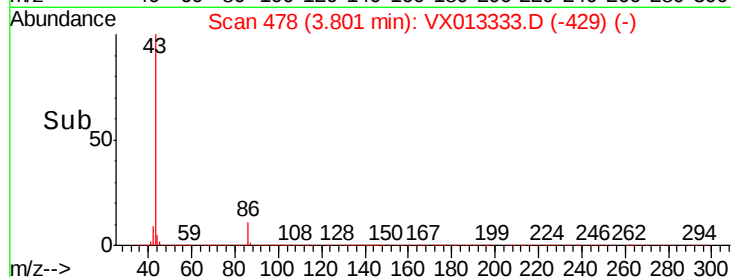
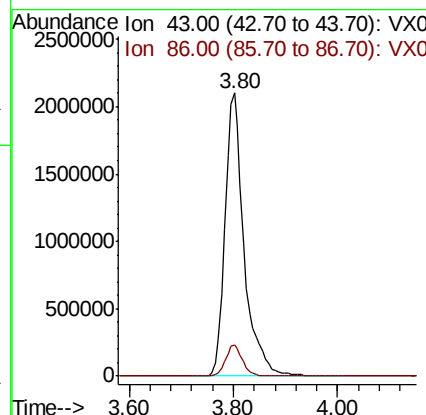
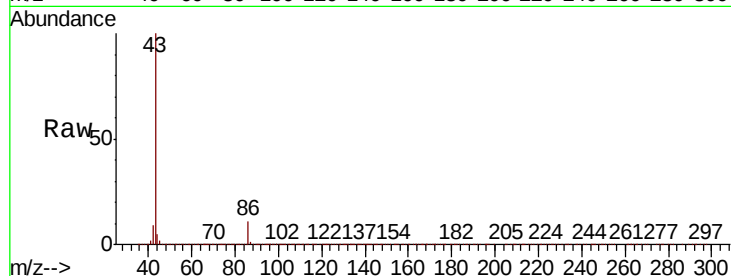




#23
 Vinyl Acetate
 Concen: 262.018 ug/l
 RT: 3.80 min Scan# 478
 Delta R.T. 0.00 min
 Lab File: VX013333.D
 Acq: 06 Nov 2019 10:15

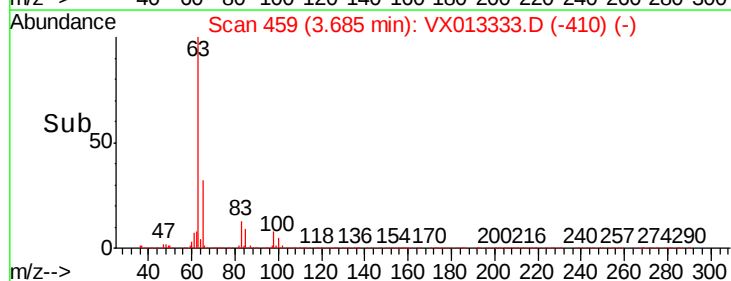
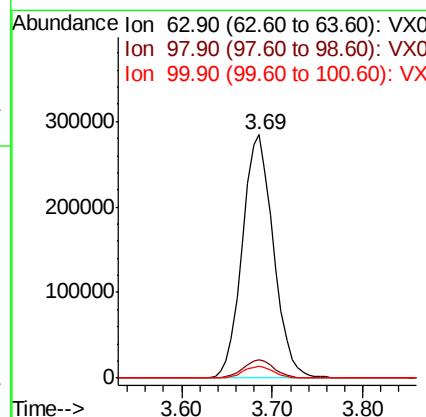
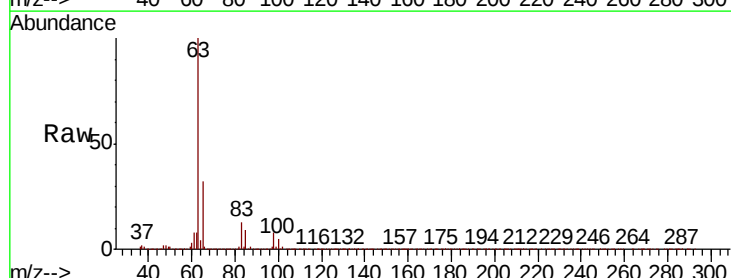
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

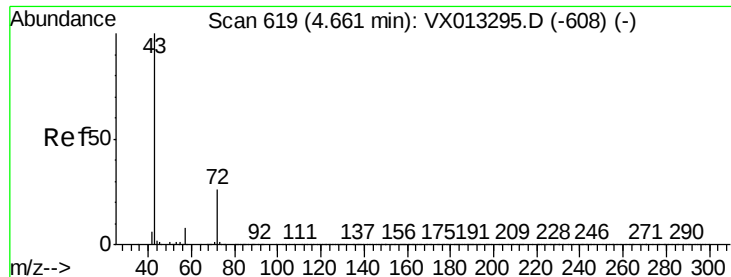
Tot Ion: 43 Resp: 5405716
 Ion Ratio Lower Upper
 43 100
 86 11.0 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 50.029 ug/l
 RT: 3.69 min Scan# 459
 Delta R.T. 0.00 min
 Lab File: VX013333.D
 Acq: 06 Nov 2019 10:15

Tgt Ion: 63 Resp: 674771
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.5 10.4
 100 4.9 2.4 7.2

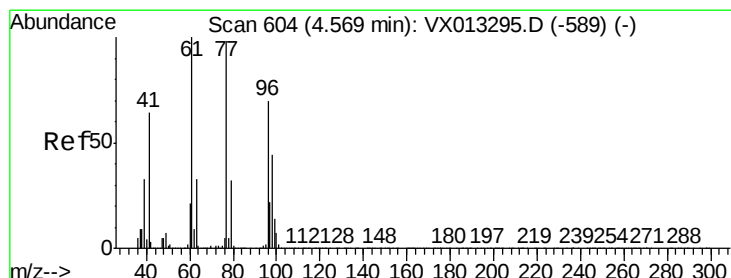
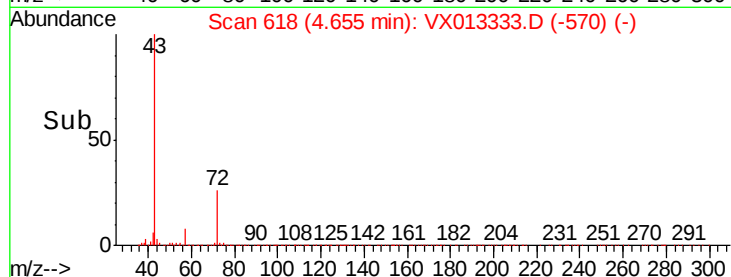
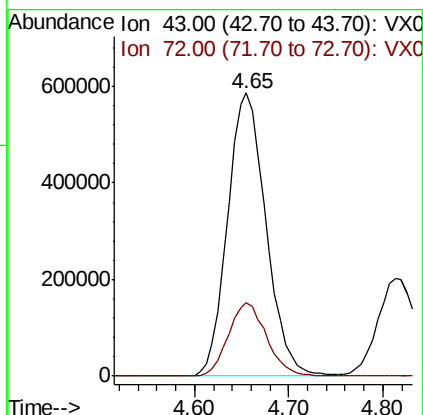
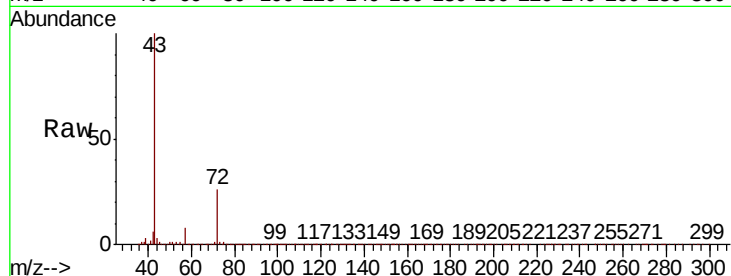




#25
2-Butanone
Concen: 254.975 ug/l
RT: 4.65 min Scan# 618
Delta R.T. -0.01 min
Lab File: VX013333.D
Acq: 06 Nov 2019 10:15

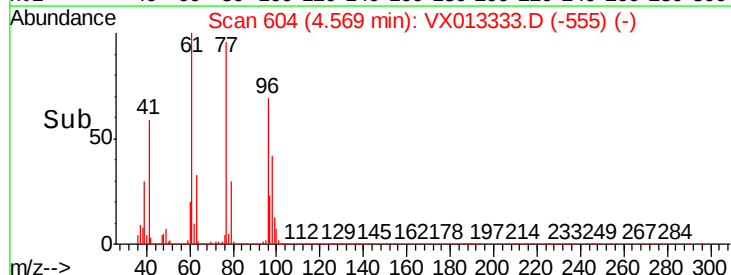
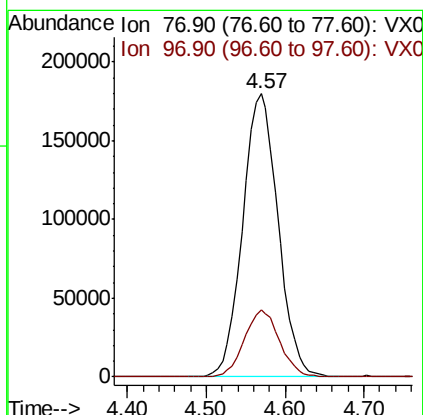
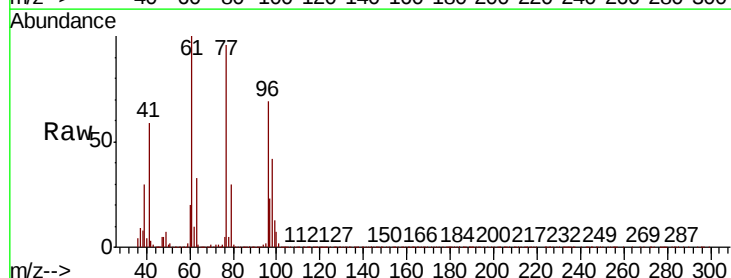
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

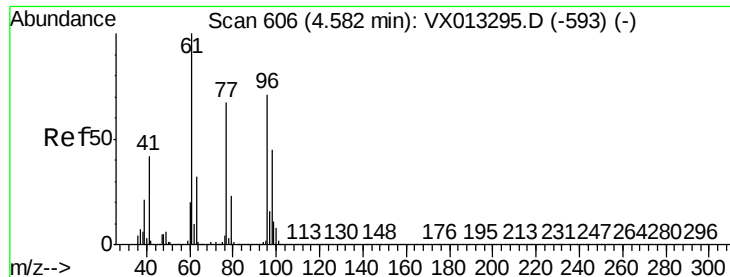
Tot Ion: 43 Resp: 1656205
Ion Ratio Lower Upper
43 100
72 25.7 21.0 31.6



#26
2,2-Dichloropropane
Concen: 52.187 ug/l
RT: 4.57 min Scan# 604
Delta R.T. -0.00 min
Lab File: VX013333.D
Acq: 06 Nov 2019 10:15

Tgt Ion: 77 Resp: 559946
Ion Ratio Lower Upper
77 100
97 23.5 11.3 33.8



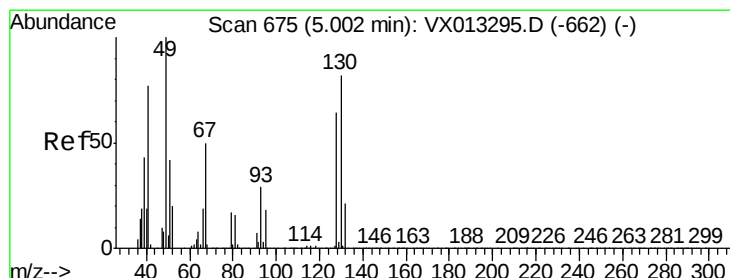
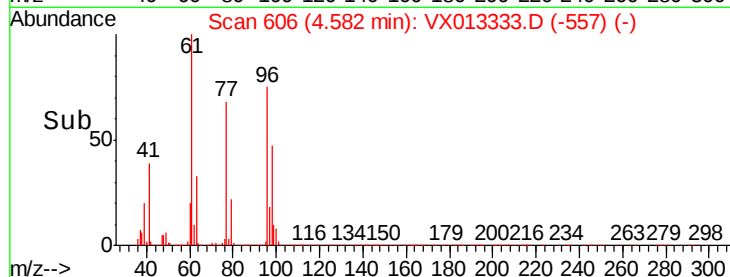
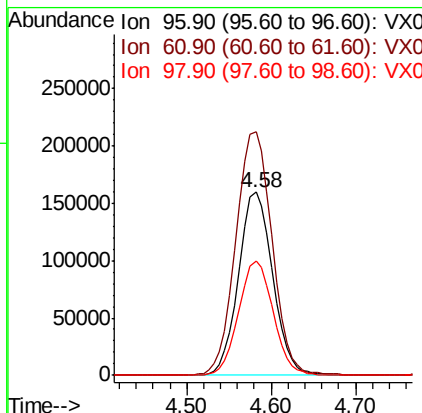
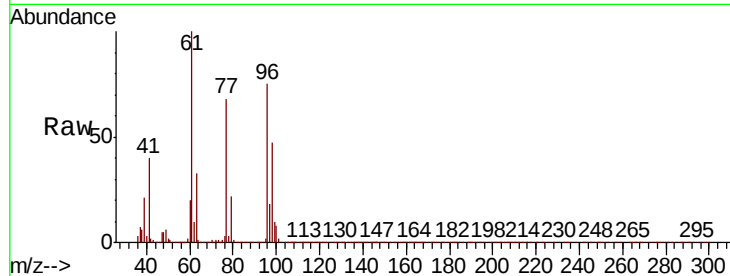


#27

cis-1,2-Dichloroethene
Concen: 52.260 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX013333.D
Acq: 06 Nov 2019 10:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

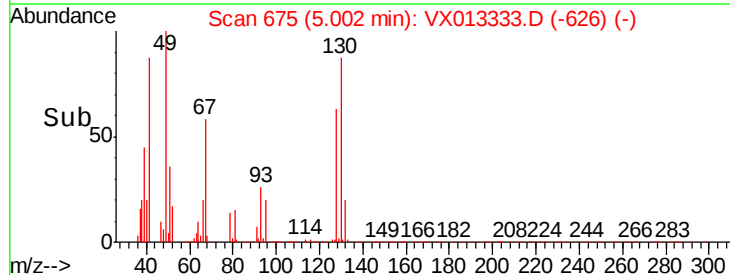
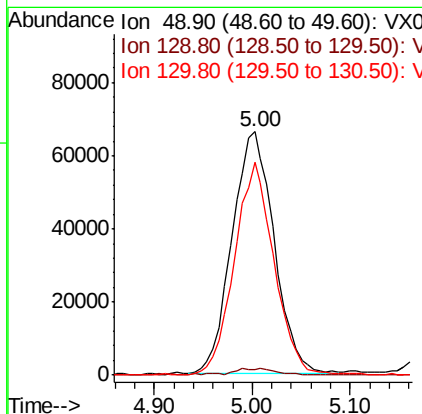
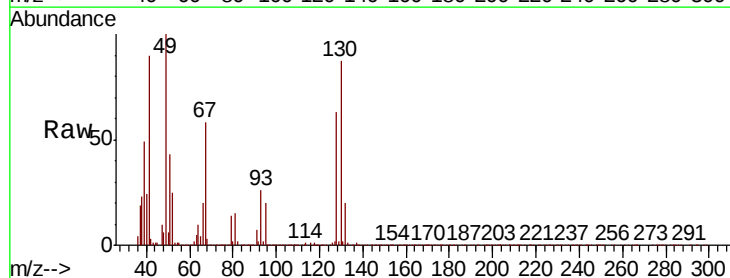
Tot Ion	Ratio	Lower	Upper
96	100		
61	141.1	0.0	288.0
98	63.6	0.0	129.6

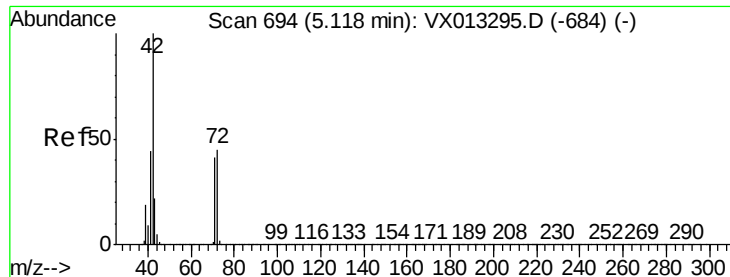


#28

Bromochloromethane
Concen: 51.571 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.00 min
Lab File: VX013333.D
Acq: 06 Nov 2019 10:15

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.7	0.0	5.2
130	83.2	63.8	95.6





#29

Tetrahydrofuran

Concen: 249.208 ug/l

RT: 5.11 min Scan# 692

Delta R.T. -0.01 min

Lab File: VX013333.D

Acq: 06 Nov 2019 10:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

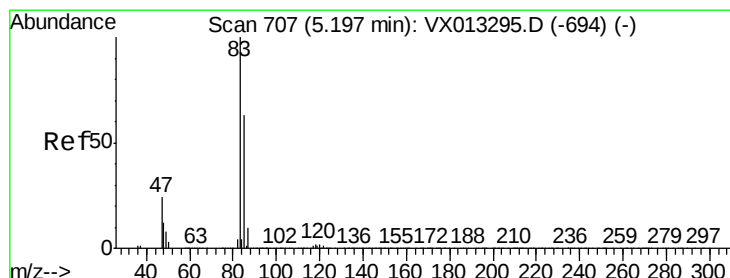
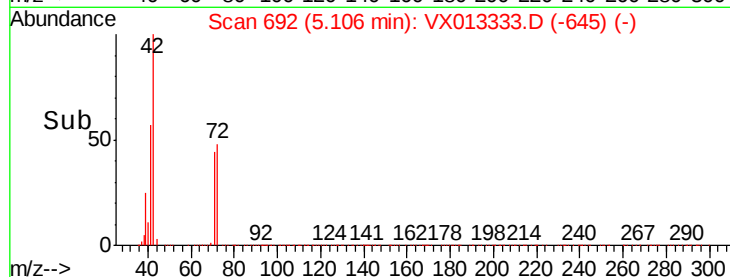
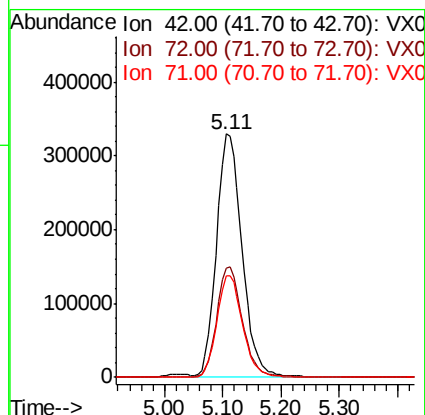
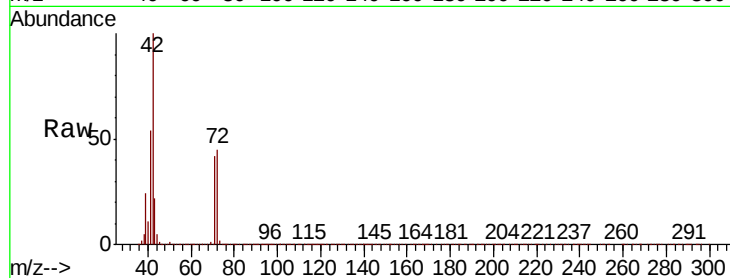
Tot Ion: 42 Resp: 997538

Ion Ratio Lower Upper

42 100

72 45.3 35.8 53.8

71 41.9 33.4 50.0



#30

Chloroform

Concen: 50.378 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.00 min

Lab File: VX013333.D

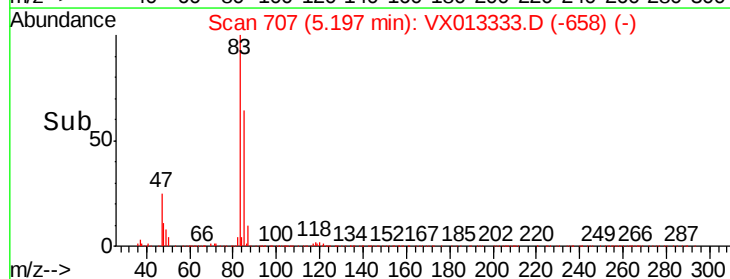
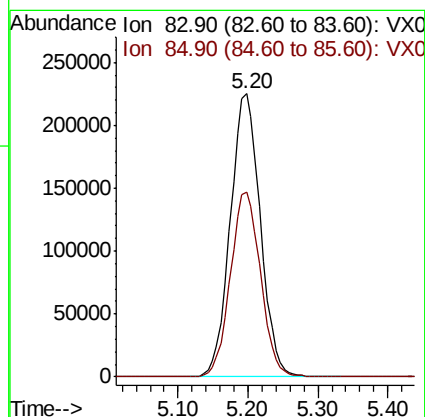
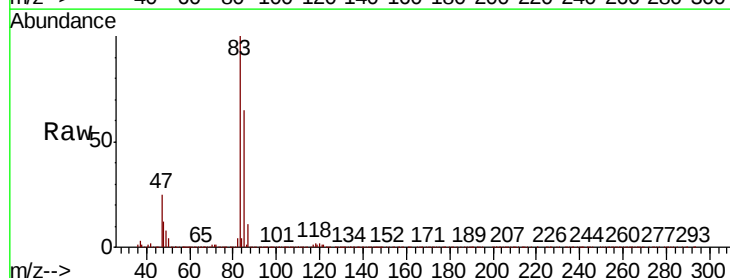
Acq: 06 Nov 2019 10:15

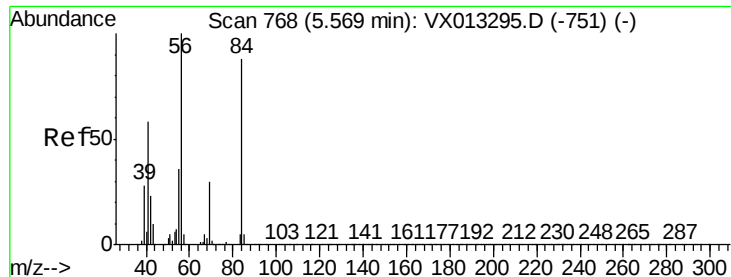
Tgt Ion: 83 Resp: 670943

Ion Ratio Lower Upper

83 100

85 65.0 50.2 75.4

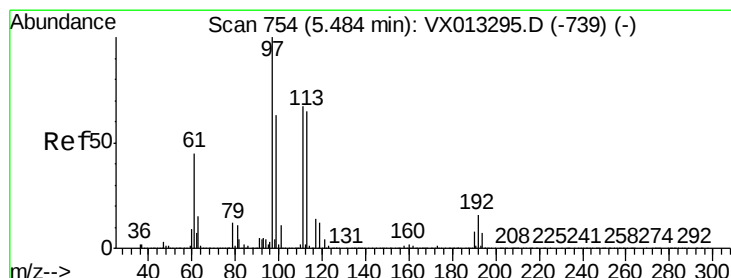
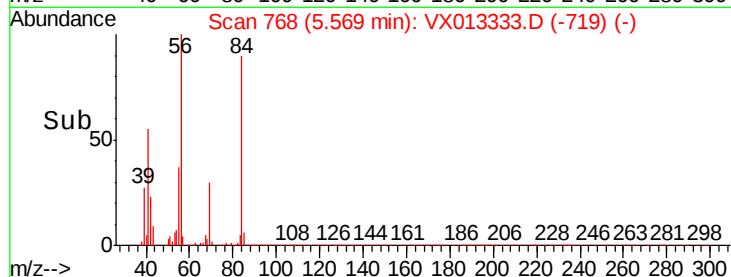
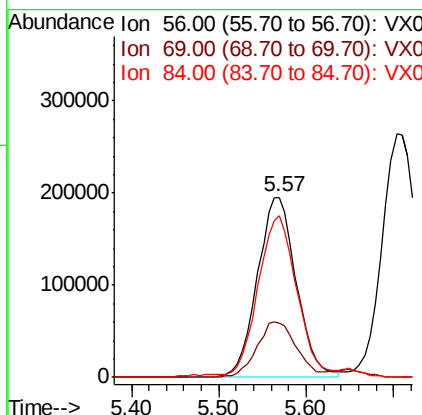
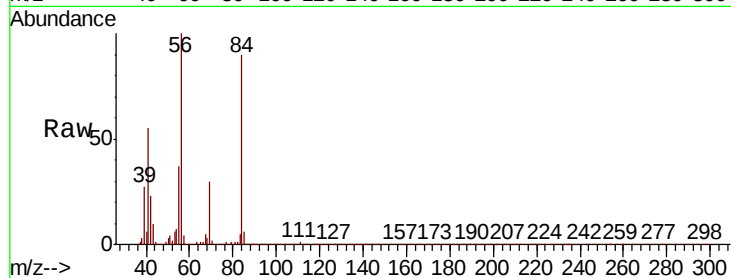




#31
Cyclohexane
Concen: 49.912 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX013333.D
Acq: 06 Nov 2019 10:15

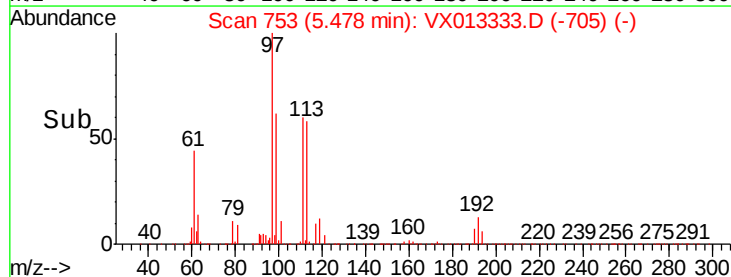
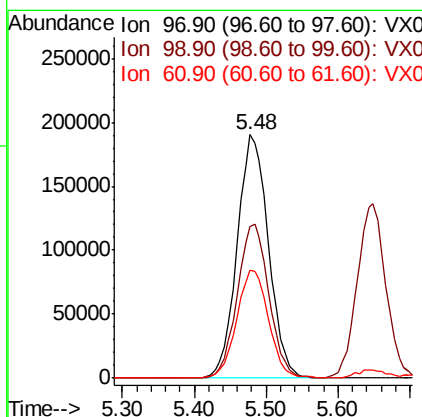
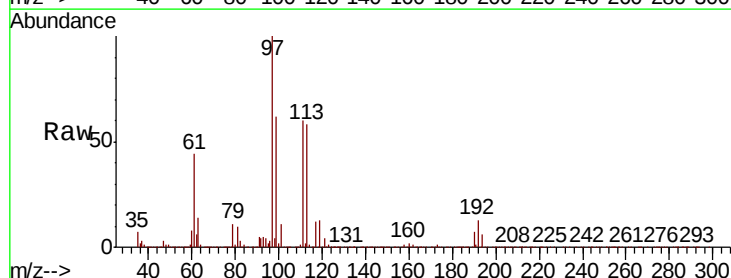
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

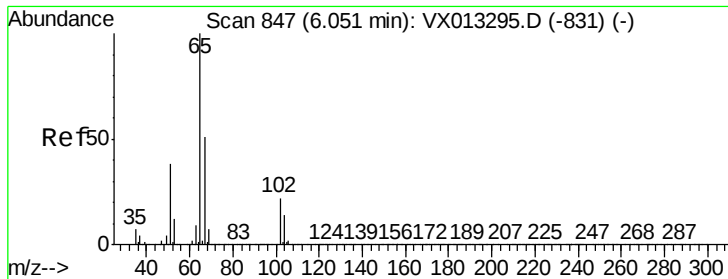
Tot Ion: 56 Resp: 605753
Ion Ratio Lower Upper
56 100
69 29.8 23.7 35.5
84 89.2 70.6 105.8



#32
1,1,1-Trichloroethane
Concen: 50.013 ug/l
RT: 5.48 min Scan# 753
Delta R.T. -0.01 min
Lab File: VX013333.D
Acq: 06 Nov 2019 10:15

Tgt Ion: 97 Resp: 573221
Ion Ratio Lower Upper
97 100
99 63.7 51.1 76.7
61 45.3 36.5 54.7





#33

1,2-Dichloroethane-d4

Concen: 46.693 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX013333.D

Acq: 06 Nov 2019 10:15

Instrument :

MSVOA_X

ClientSampleId :

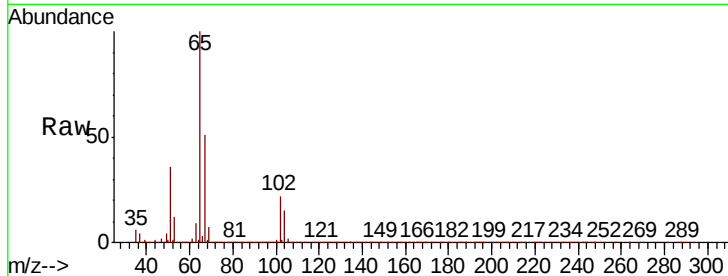
VSTDCCC050

Tot Ion: 65 Resp: 414496

Ion Ratio Lower Upper

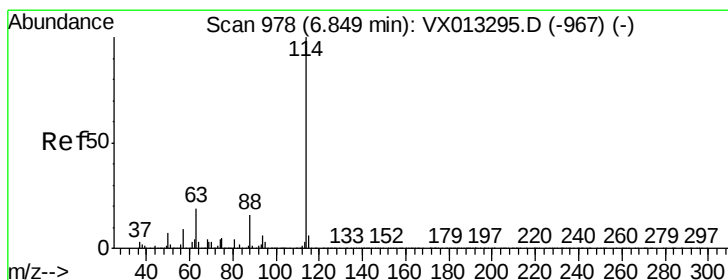
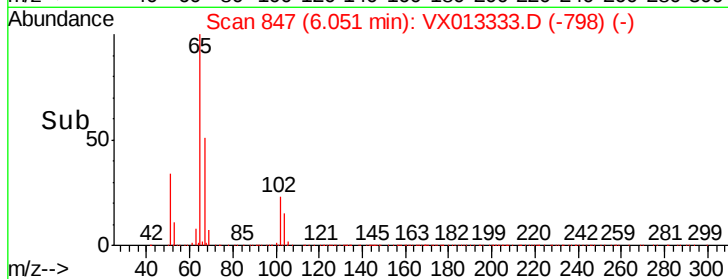
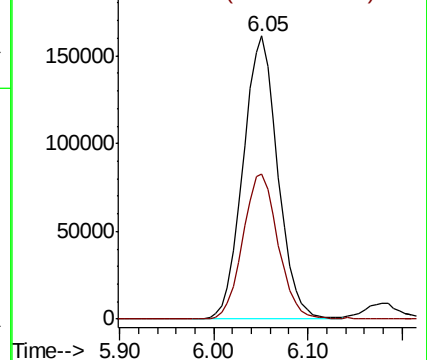
65 100

67 51.6 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: VX013333.D

Acq: 06 Nov 2019 10:15

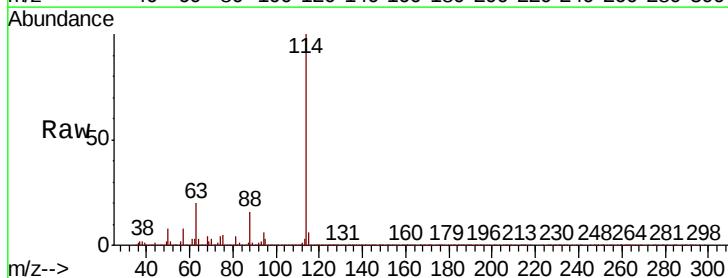
Tgt Ion: 114 Resp: 1123111

Ion Ratio Lower Upper

114 100

63 19.4 0.0 38.4

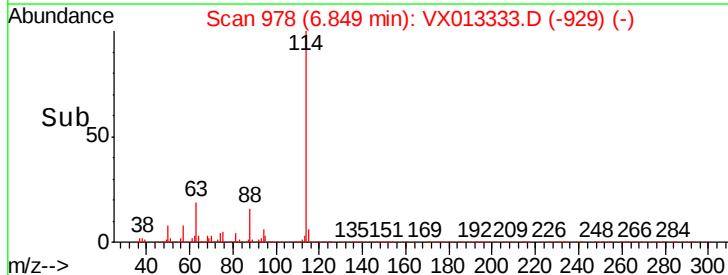
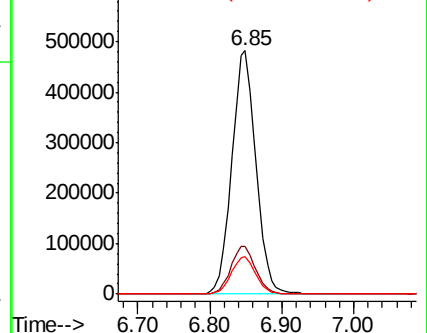
88 15.5 0.0 32.2

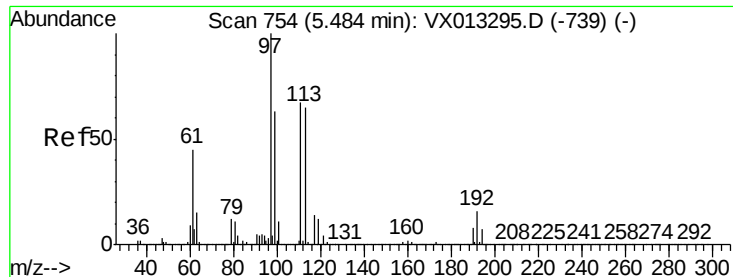


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

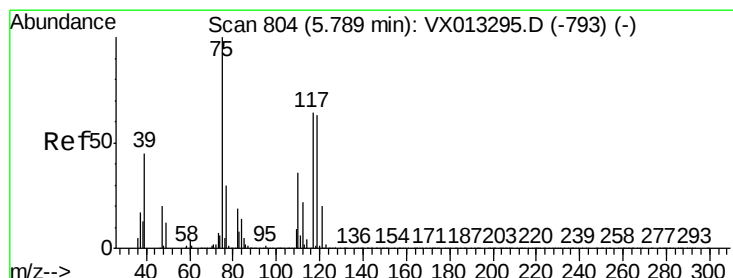
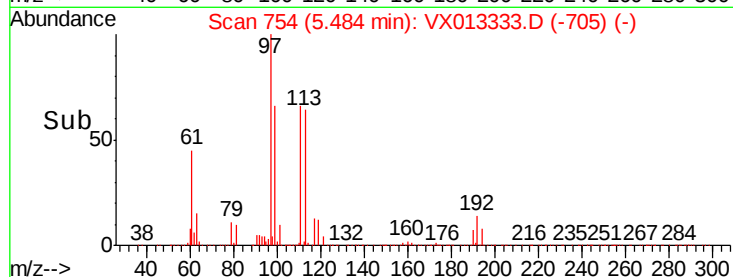
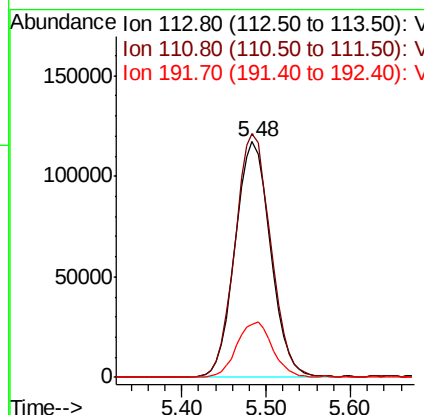
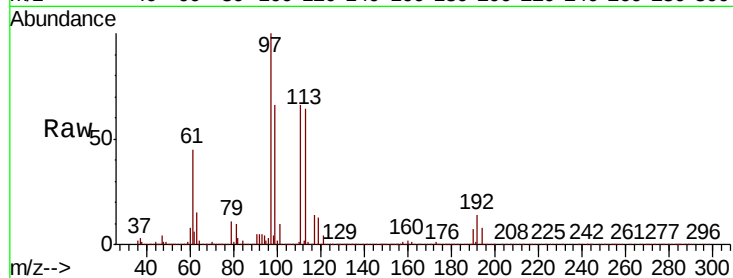




#35
Dibromofluoromethane
Concen: 47.448 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.00 min
Lab File: VX013333.D
Acq: 06 Nov 2019 10:15

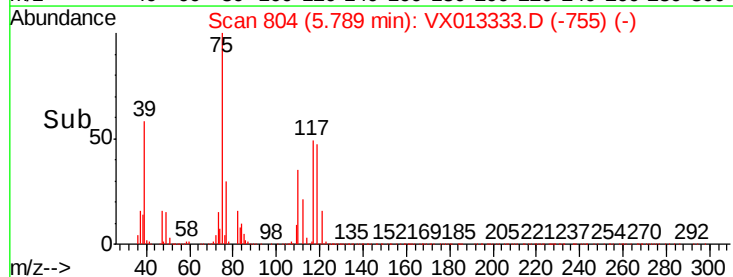
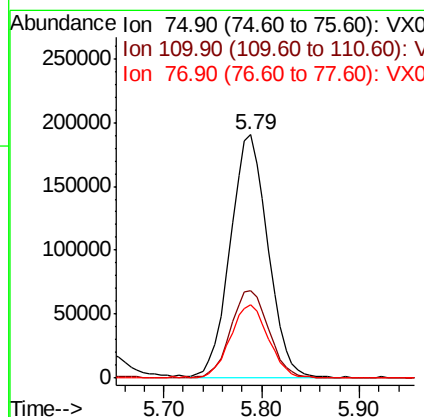
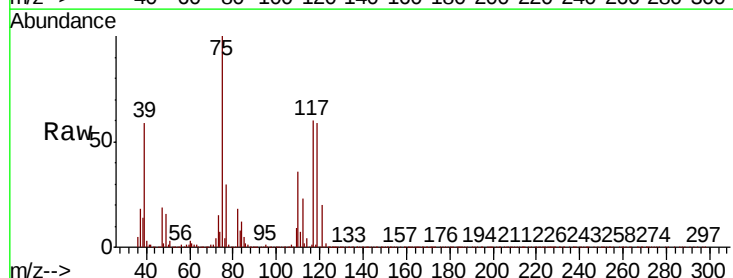
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

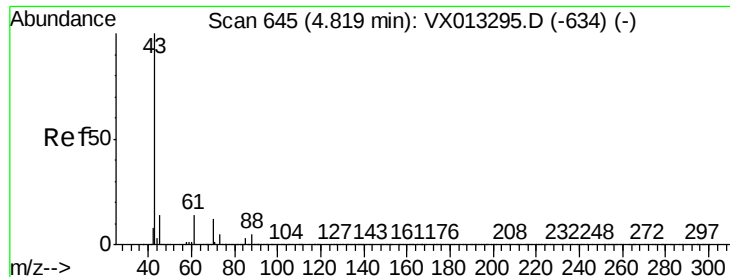
Tot Ion	Ratio	Lower	Upper
113	100		
111	104.4	81.9	122.9
192	23.3	19.1	28.7



#36
1,1-Dichloropropene
Concen: 52.418 ug/l
RT: 5.79 min Scan# 804
Delta R.T. 0.00 min
Lab File: VX013333.D
Acq: 06 Nov 2019 10:15

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.8	18.1	54.1
77	30.2	25.0	37.4

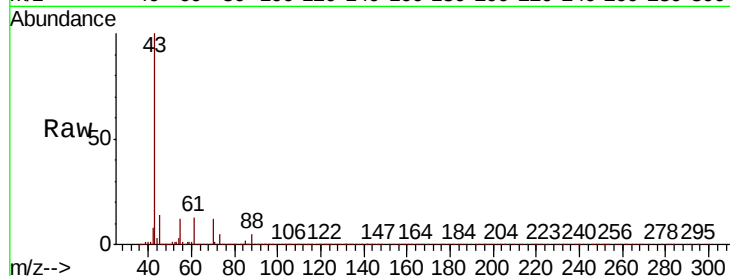




#37
Ethyl Acetate
Concen: 50.277 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX013333.D
Acq: 06 Nov 2019 10:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.6	10.7	16.1
70	10.9	8.7	13.1

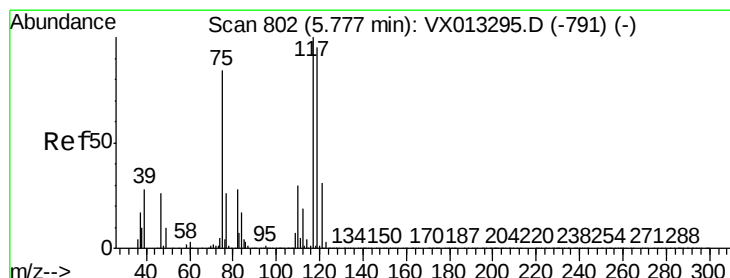
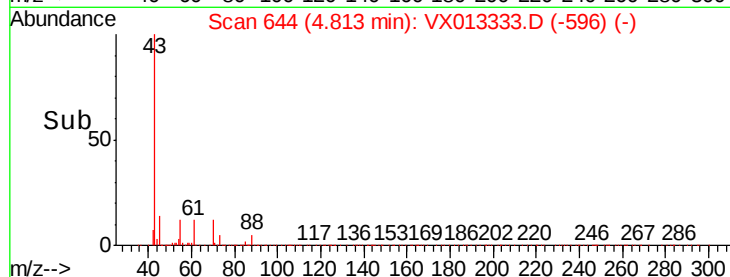
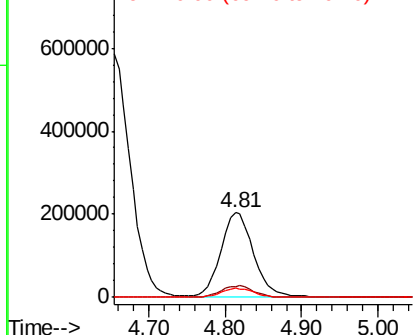


Abundance

Ion 43.00 (42.70 to 43.70): VX0

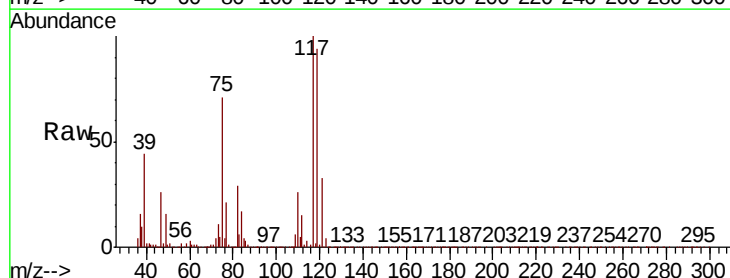
Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38
Carbon Tetrachloride
Concen: 52.671 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX013333.D
Acq: 06 Nov 2019 10:15

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.8	76.1	114.1
121	32.6	24.6	37.0

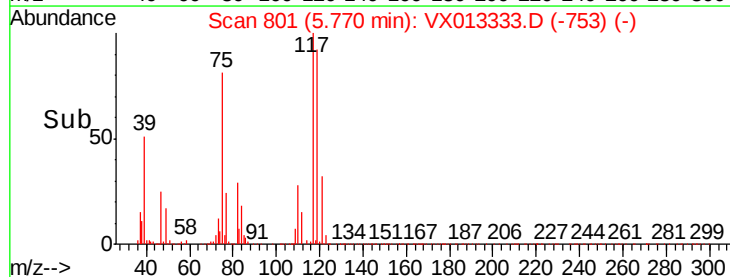
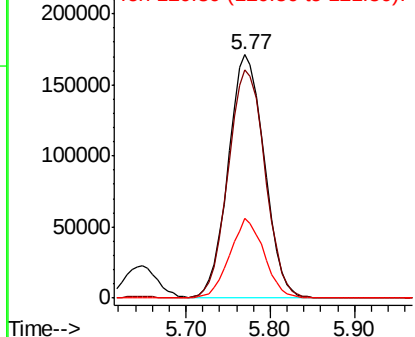


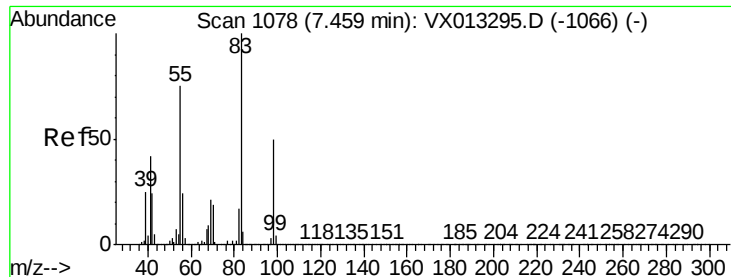
Abundance

Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

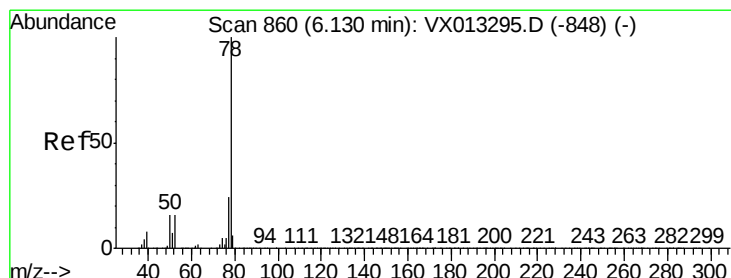
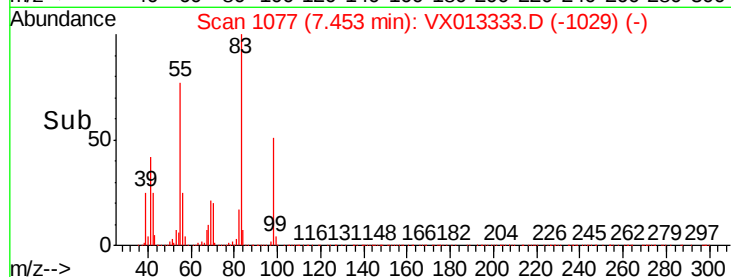
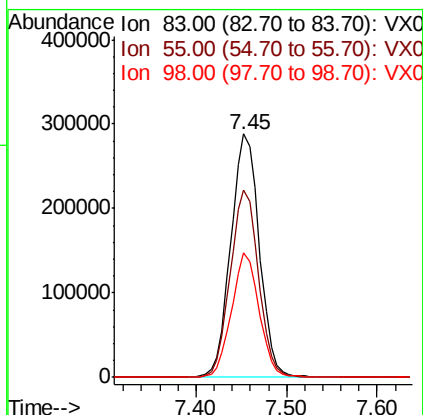
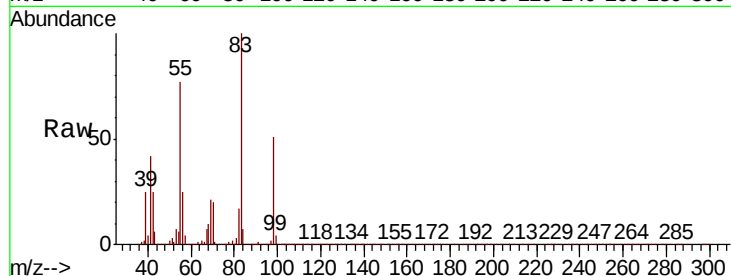




#39
Methvlcvclohexane
Concen: 52.458 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX013333.D
Acq: 06 Nov 2019 10:15

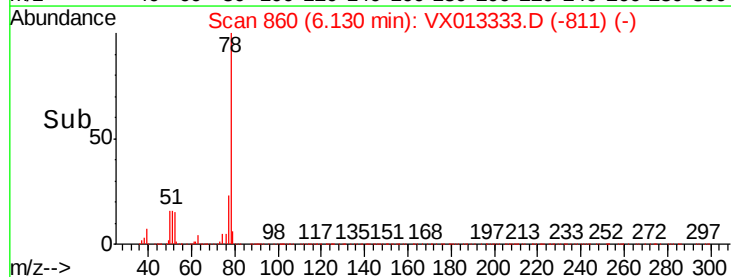
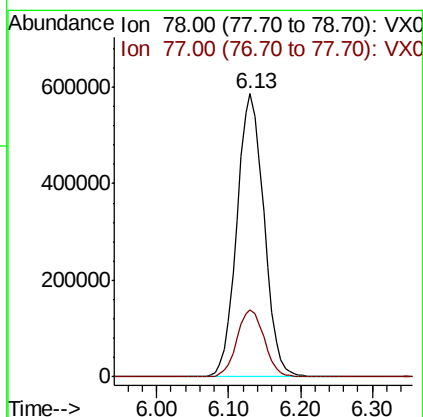
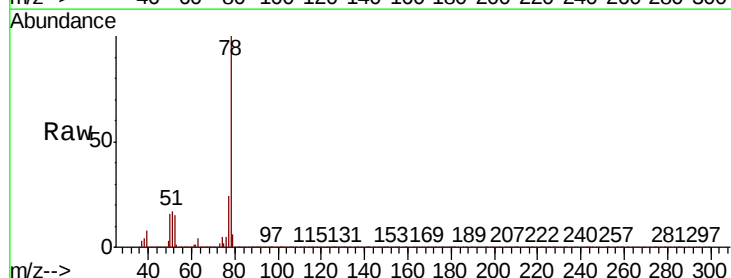
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.0	60.3	90.5
98	51.2	40.3	60.5



#40
Benzene
Concen: 51.032 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX013333.D
Acq: 06 Nov 2019 10:15

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.5	29.3





#41

Methacrylonitrile

Concen: 50.233 ug/l

RT: 5.03 min Scan# 679

Delta R.T. -0.00 min

Lab File: VX013333.D

Acq: 06 Nov 2019 10:15

Instrument :

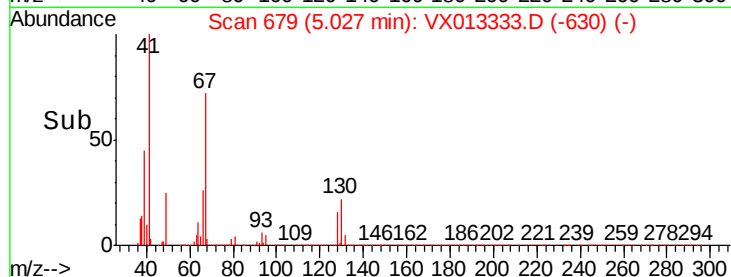
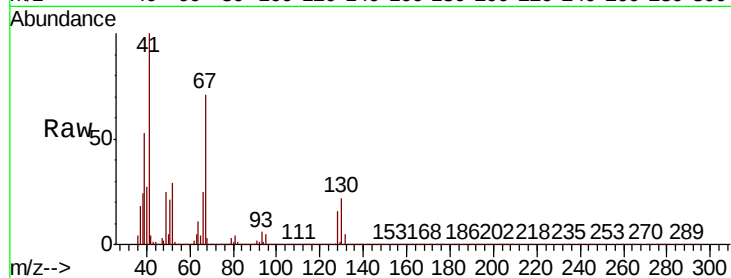
MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 335210

Ion	Ratio	Lower	Upper
41	100		
39	54.1	45.0	67.6
67	70.3	55.4	83.2
52	28.6	23.1	34.7

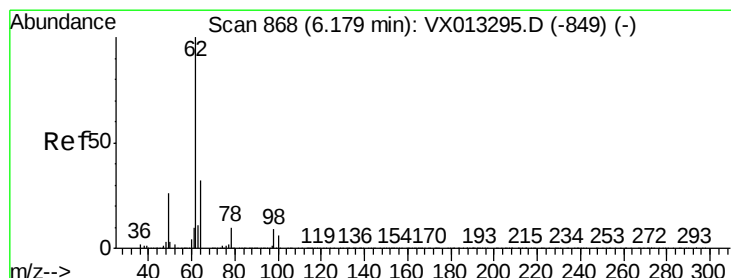


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 51.535 ug/l

RT: 6.18 min Scan# 868

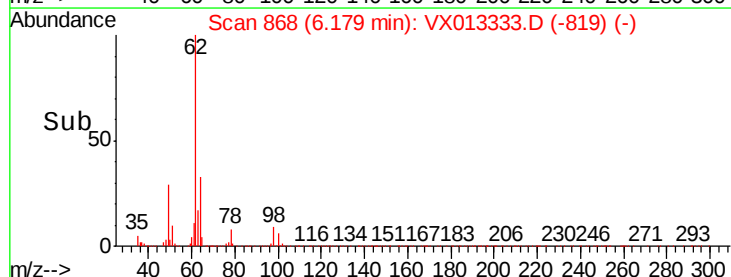
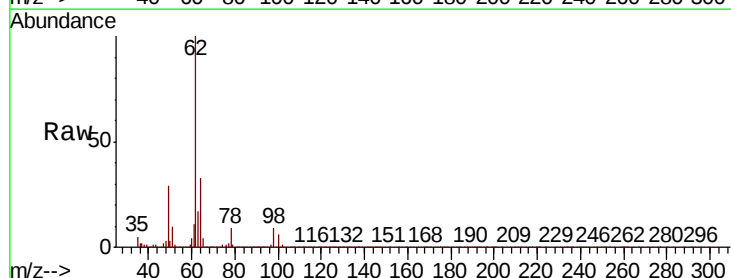
Delta R.T. -0.00 min

Lab File: VX013333.D

Acq: 06 Nov 2019 10:15

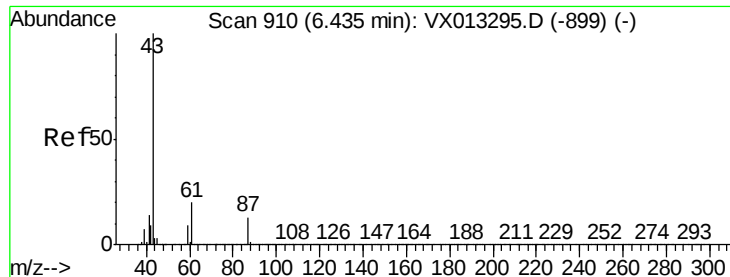
Tgt Ion: 62 Resp: 557902

Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	19.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

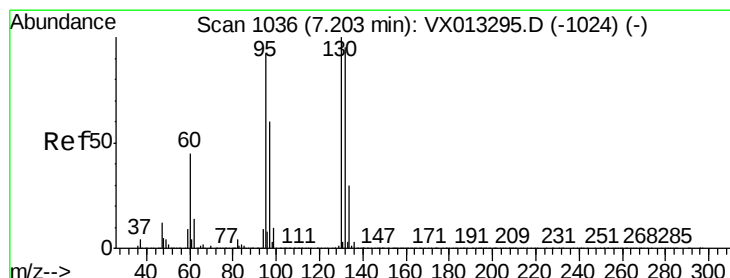
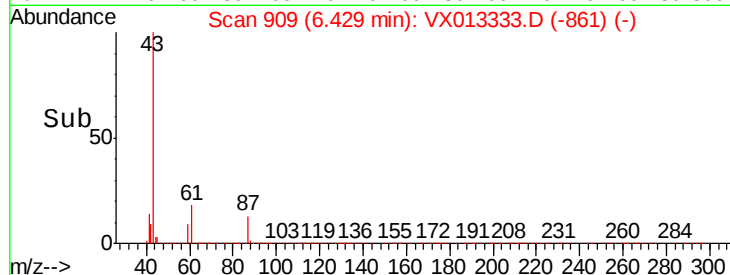
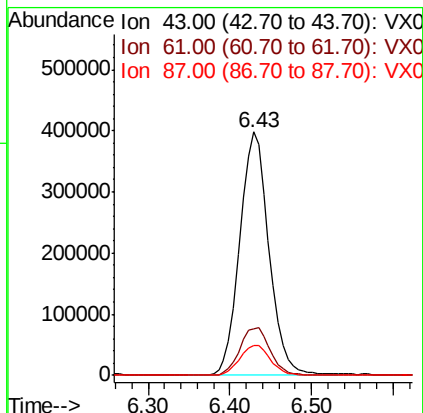
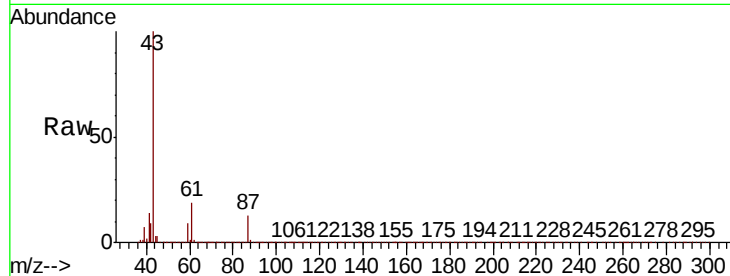


#43

Isopropyl Acetate
 Concen: 53.111 ug/l
 RT: 6.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: VX013333.D
 Acq: 06 Nov 2019 10:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

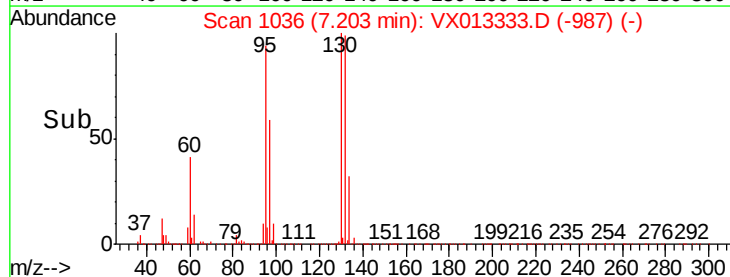
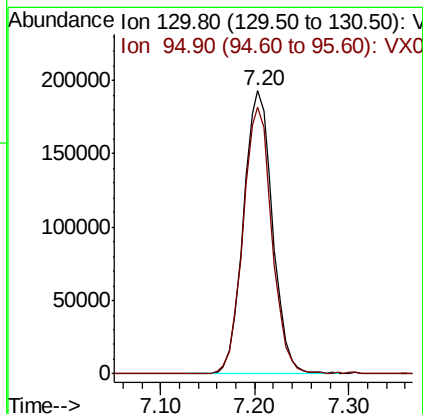
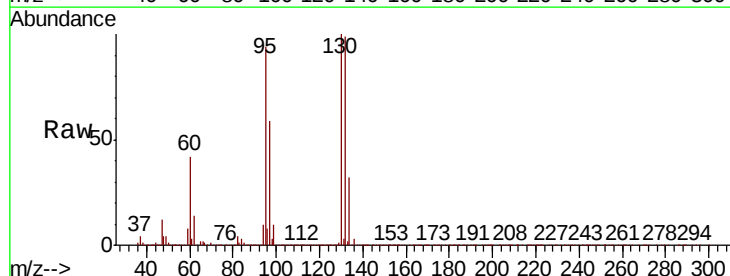
Tot Ion	Ratio	Lower	Upper
43	100		
61	20.4	15.8	23.8
87	13.1	10.4	15.6

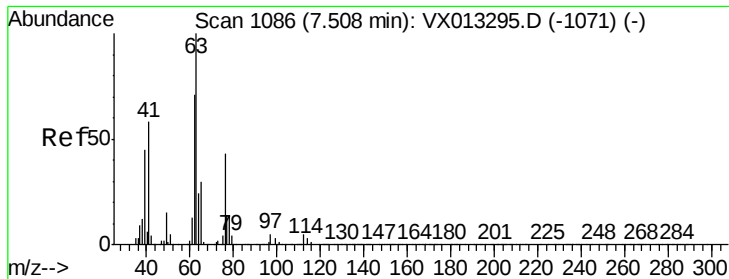


#44

Trichloroethene
 Concen: 50.315 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. 0.00 min
 Lab File: VX013333.D
 Acq: 06 Nov 2019 10:15

Tgt Ion	Ratio	Lower	Upper
130	100		
95	94.3	0.0	184.8

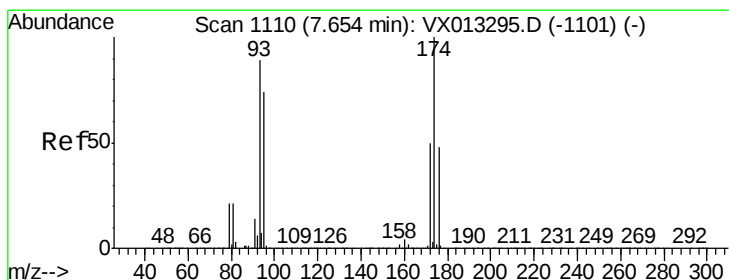
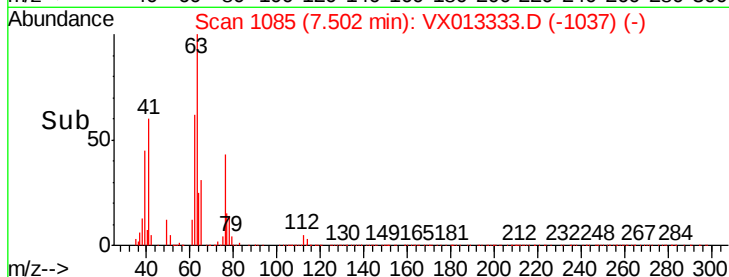
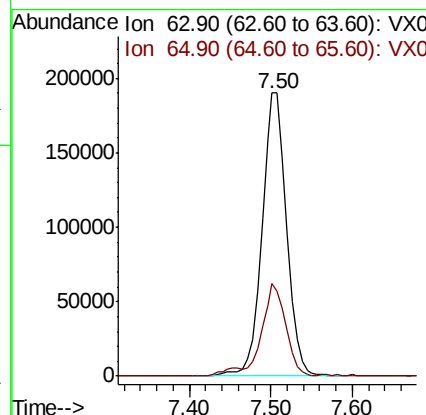
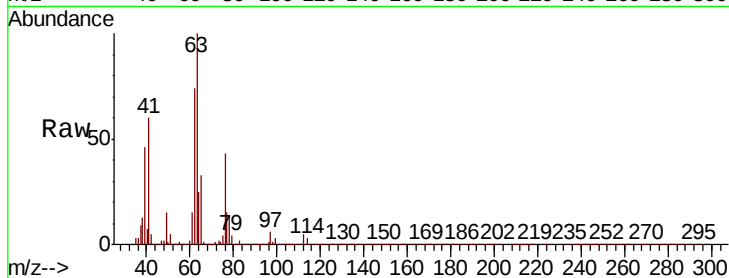




#45
 1,2-Dichloropropane
 Concen: 51.916 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX013333.D
 Acq: 06 Nov 2019 10:15

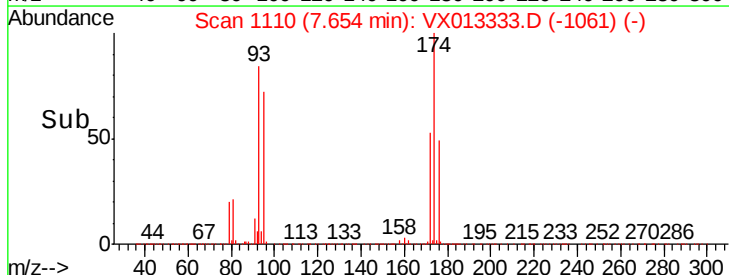
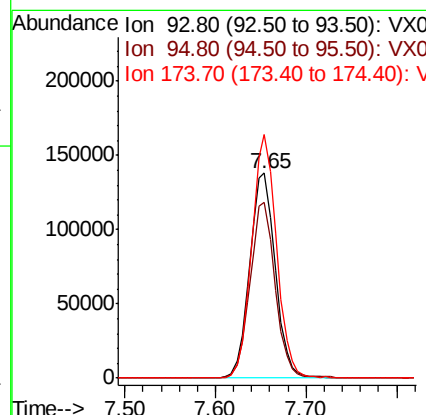
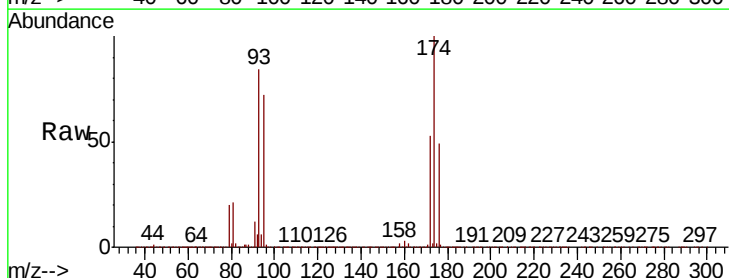
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

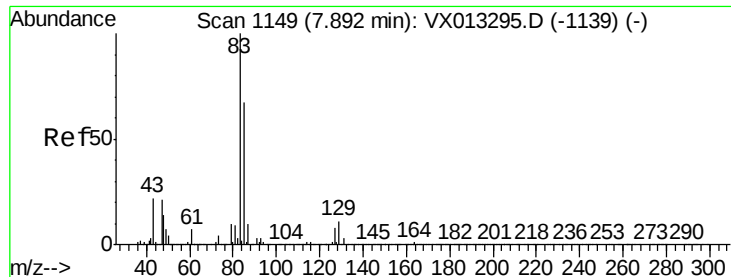
Tot Ion: 63 Resp: 397004
 Ion Ratio Lower Upper
 63 100
 65 32.4 24.3 36.5



#46
 Dibromomethane
 Concen: 51.568 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX013333.D
 Acq: 06 Nov 2019 10:15

Tgt Ion: 93 Resp: 269248
 Ion Ratio Lower Upper
 93 100
 95 84.3 65.8 98.6
 174 115.4 90.4 135.6





#47

Bromodichloromethane

Concen: 54.786 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX013333.D

Acq: 06 Nov 2019 10:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

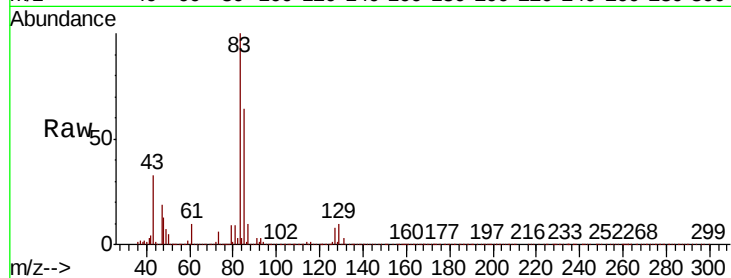
Tot Ion: 83 Resp: 539402

Ion Ratio Lower Upper

83 100

85 63.9 53.7 80.5

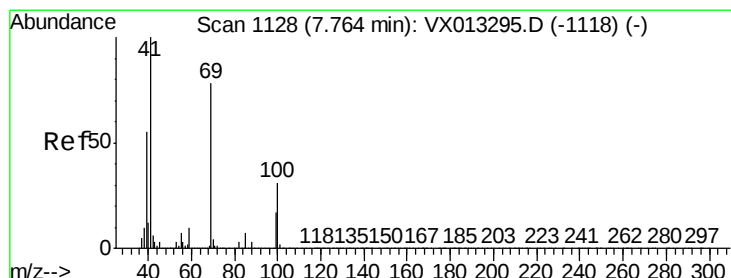
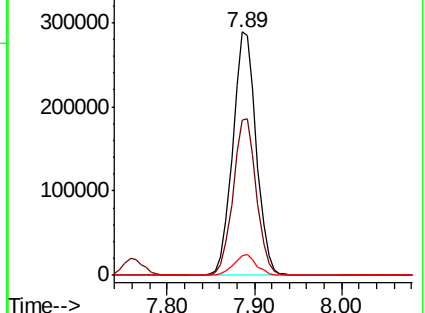
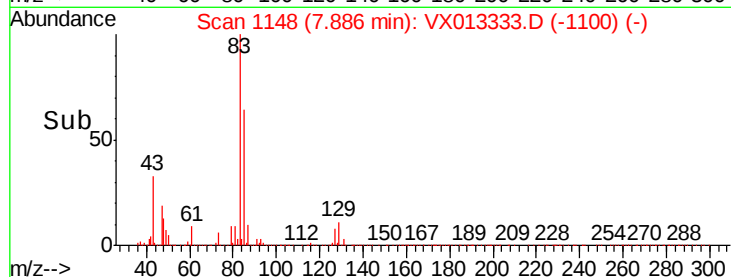
127 7.9 6.4 9.6



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: 53.583 ug/l

RT: 7.76 min Scan# 1127

Delta R.T. -0.01 min

Lab File: VX013333.D

Acq: 06 Nov 2019 10:15

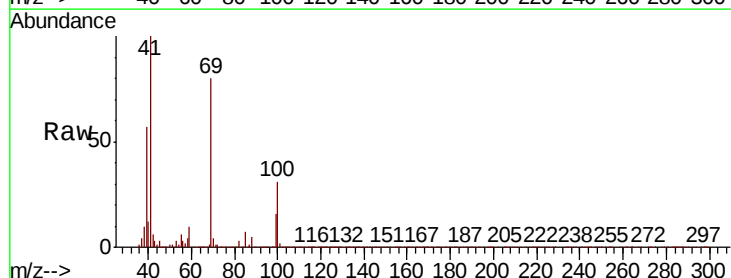
Tgt Ion: 41 Resp: 495872

Ion Ratio Lower Upper

41 100

69 81.1 63.0 94.6

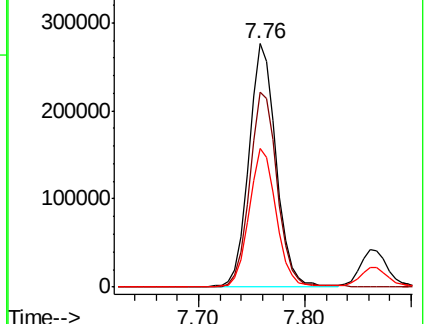
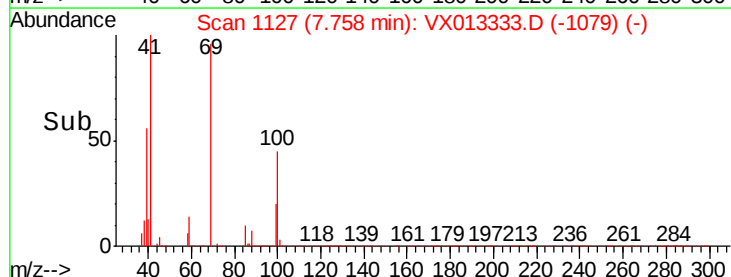
39 56.9 45.9 68.9

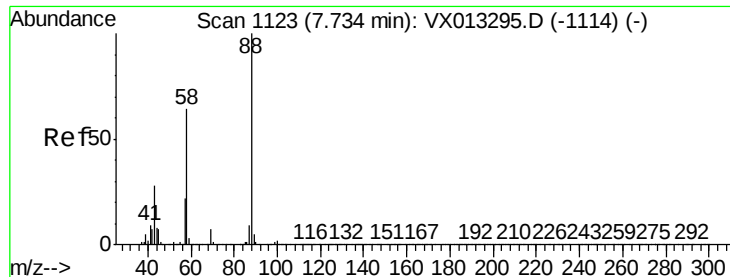


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 981.016 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VX013333.D

Acq: 06 Nov 2019 10:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

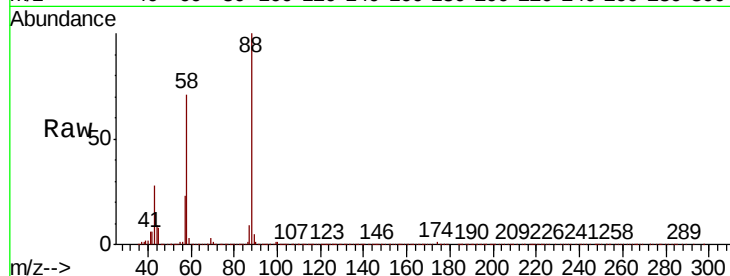
Tot Ion: 88 Resp: 207909

Ion Ratio Lower Upper

88 100

43 32.6 26.6 39.8

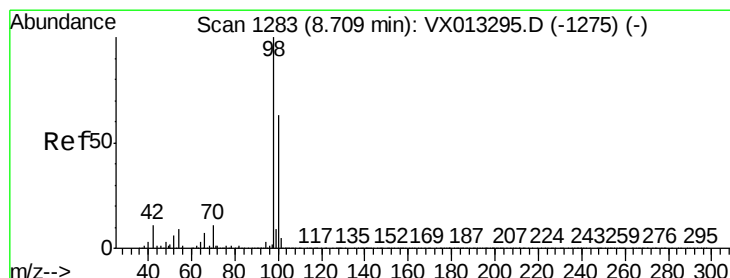
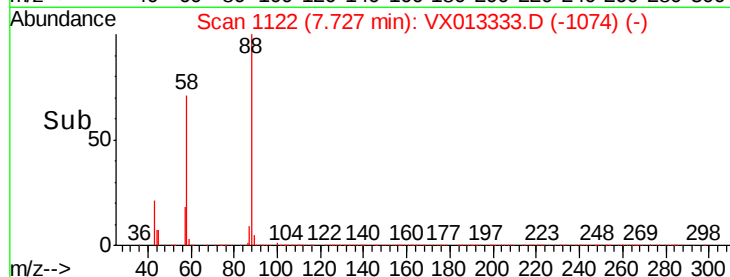
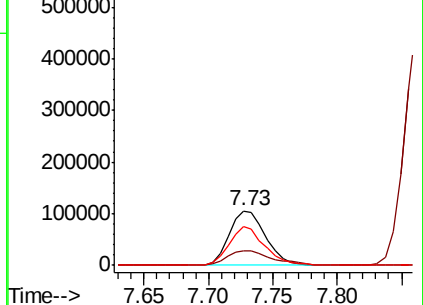
58 69.3 55.0 82.6



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: 47.969 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX013333.D

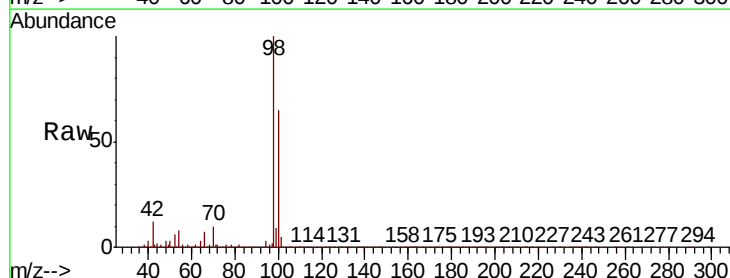
Acq: 06 Nov 2019 10:15

Tgt Ion: 98 Resp: 1273878

Ion Ratio Lower Upper

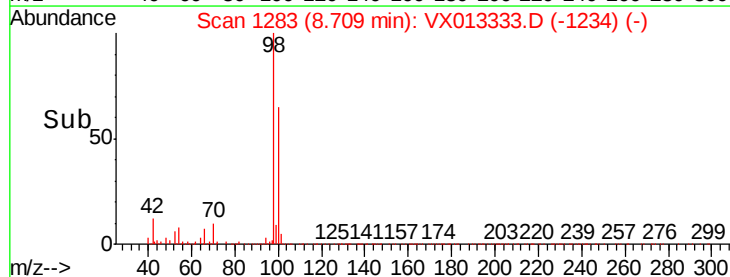
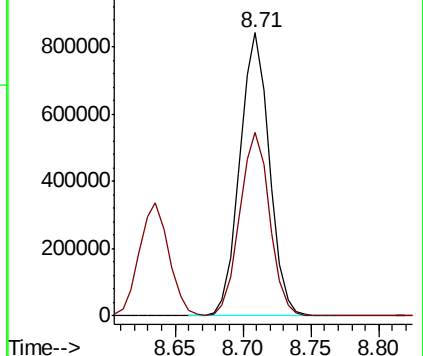
98 100

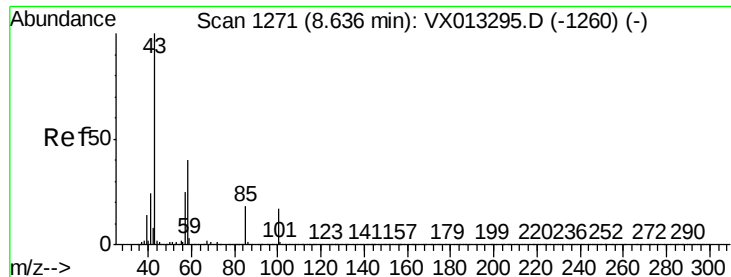
100 65.8 52.2 78.2



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: 253.793 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX013333.D

Acq: 06 Nov 2019 10:15

Instrument :

MSVOA_X

ClientSampleId :

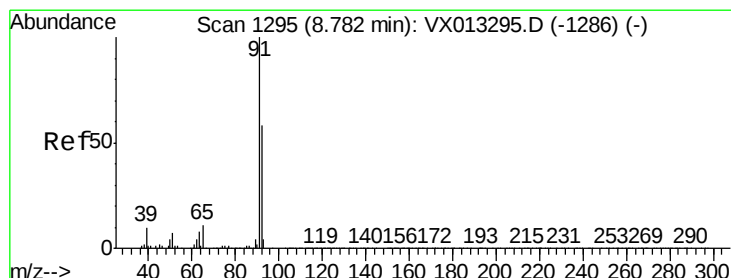
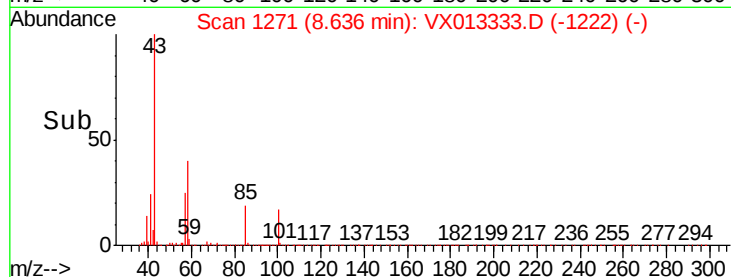
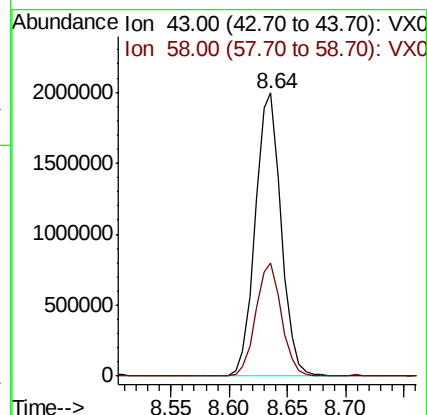
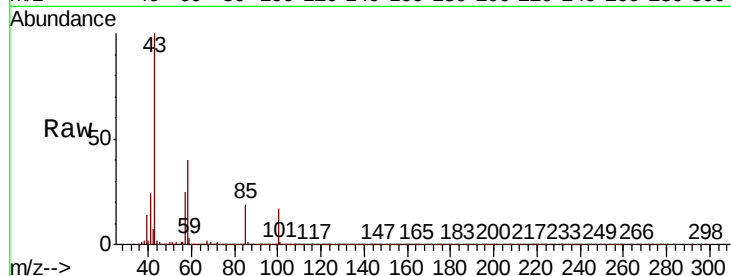
VSTDCCC050

Tot Ion: 43 Resp: 3086932

Ion Ratio Lower Upper

43 100

58 39.6 31.4 47.0



#52

Toluene

Concen: 52.360 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX013333.D

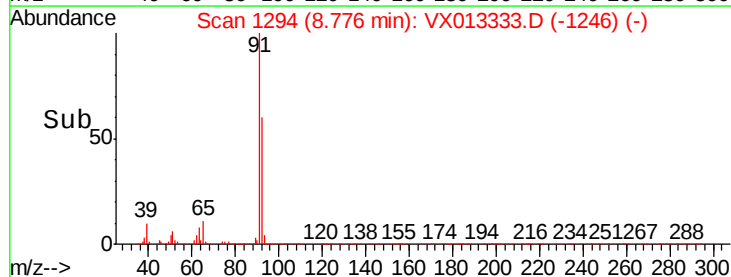
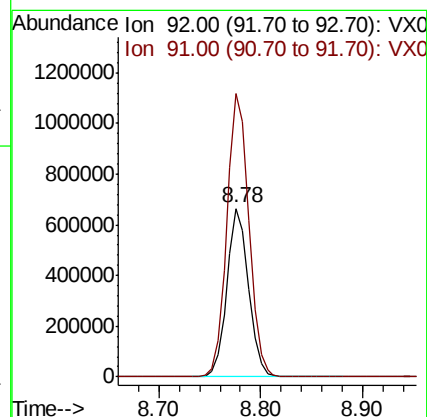
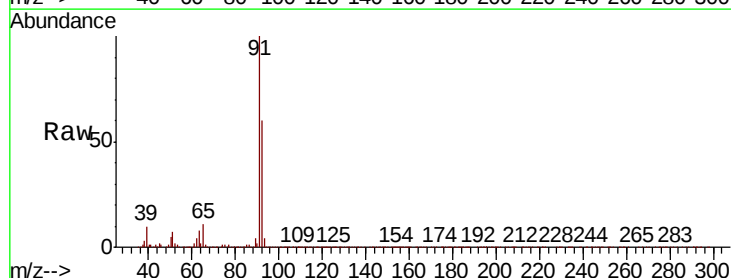
Acq: 06 Nov 2019 10:15

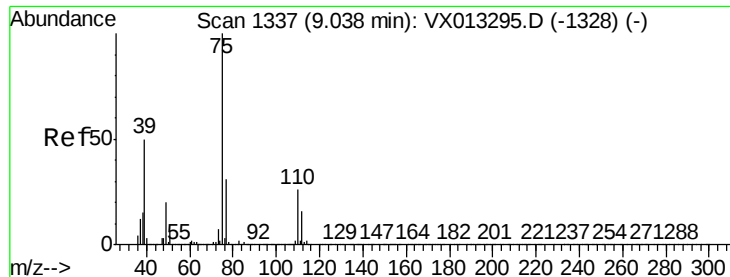
Tgt Ion: 92 Resp: 973967

Ion Ratio Lower Upper

92 100

91 172.0 138.0 207.0





#53

t-1,3-Dichloropropene

Concen: 56.655 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. -0.01 min

Lab File: VX013333.D

Acq: 06 Nov 2019 10:15

Instrument :

MSVOA_X

ClientSampleId :

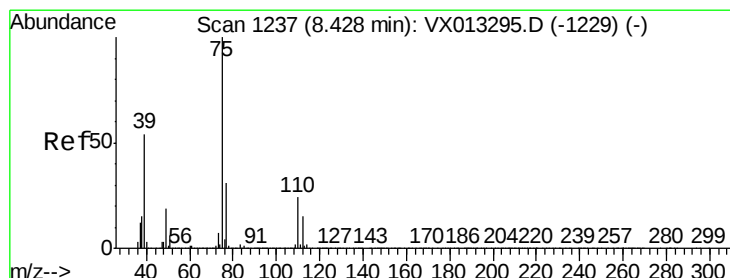
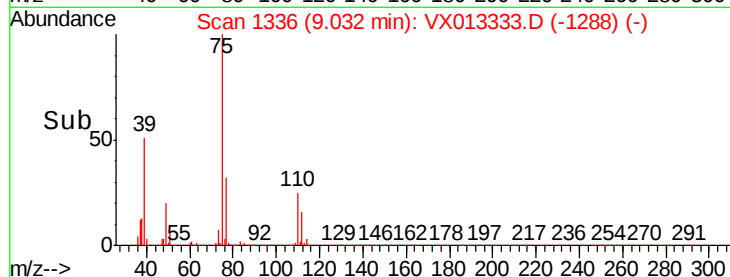
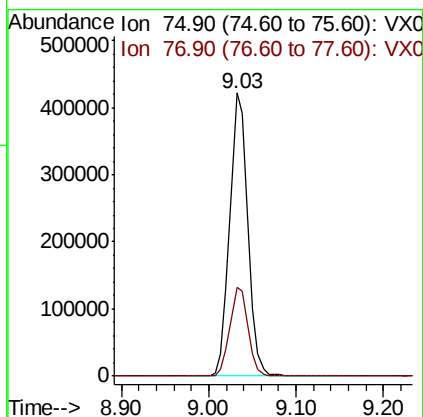
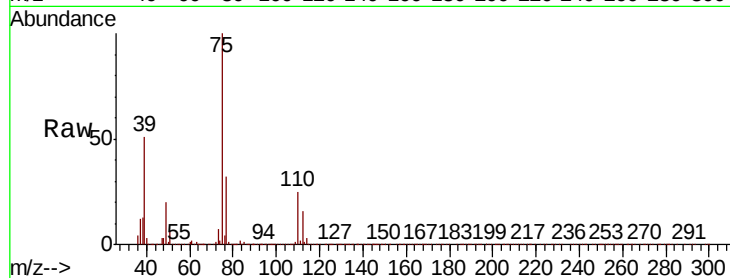
VSTDCCC050

Tot Ion: 75 Resp: 609952

Ion Ratio Lower Upper

75 100

77 31.5 25.0 37.4



#54

cis-1,3-Dichloropropene

Concen: 54.563 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. -0.00 min

Lab File: VX013333.D

Acq: 06 Nov 2019 10:15

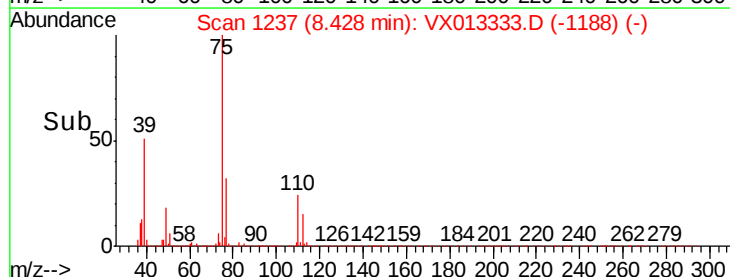
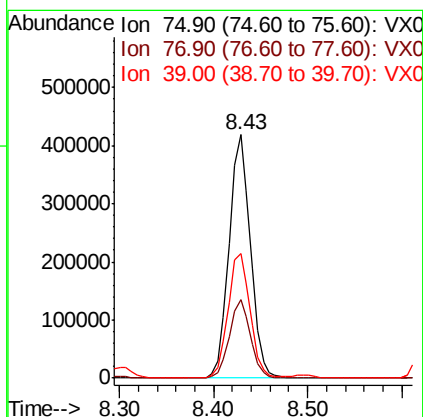
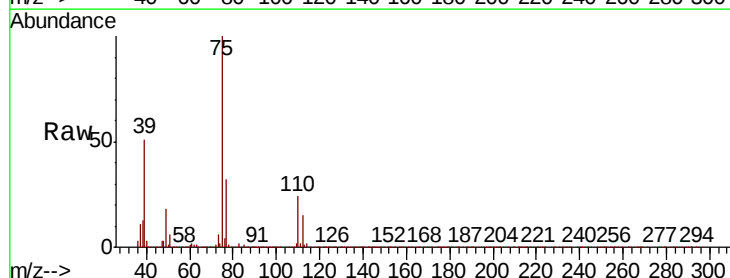
Tgt Ion: 75 Resp: 657104

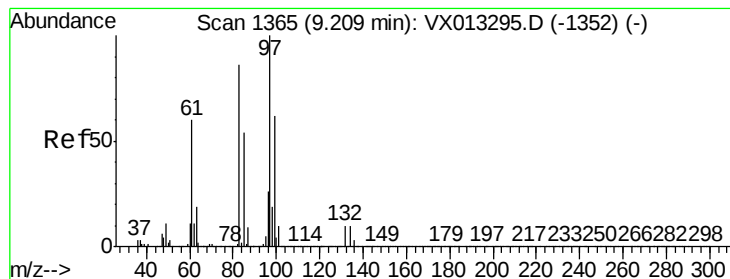
Ion Ratio Lower Upper

75 100

77 32.2 24.7 37.1

39 50.8 43.0 64.6





#55

1,1,2-Trichloroethane

Concen: 53.234 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. 0.00 min

Lab File: VX013333.D

Acq: 06 Nov 2019 10:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 97 Resp: 410440

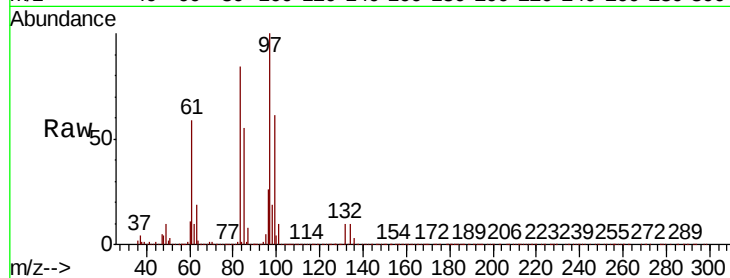
Ion Ratio Lower Upper

97 100

83 84.4 68.6 103.0

85 54.6 43.1 64.7

99 61.2 49.4 74.0

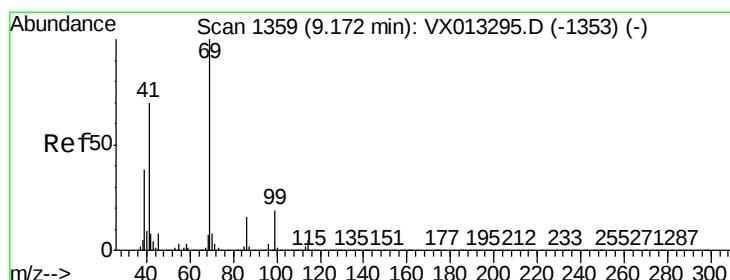
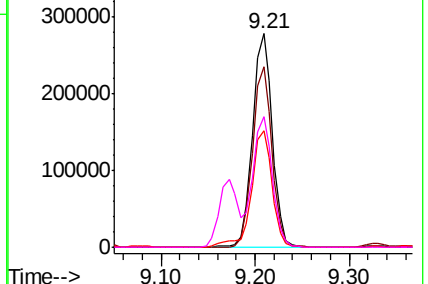
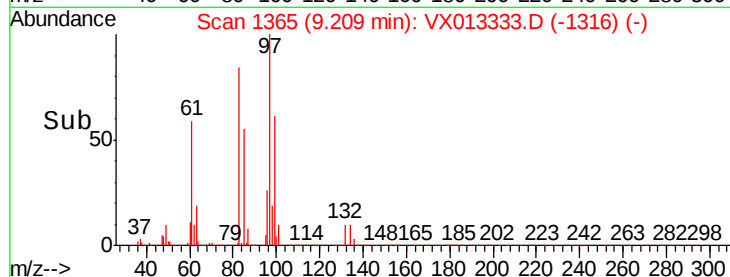


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 50.828 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX013333.D

Acq: 06 Nov 2019 10:15

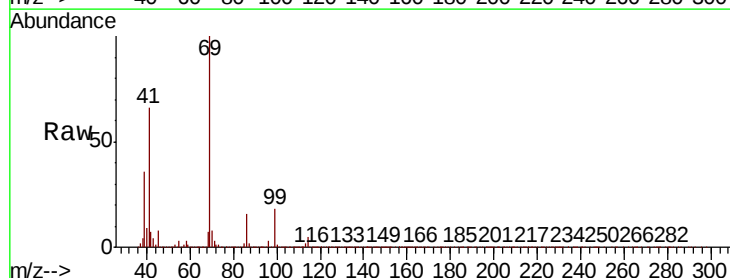
Tgt Ion: 69 Resp: 669388

Ion Ratio Lower Upper

69 100

41 69.0 56.2 84.2

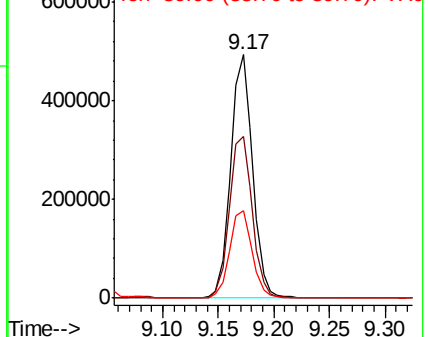
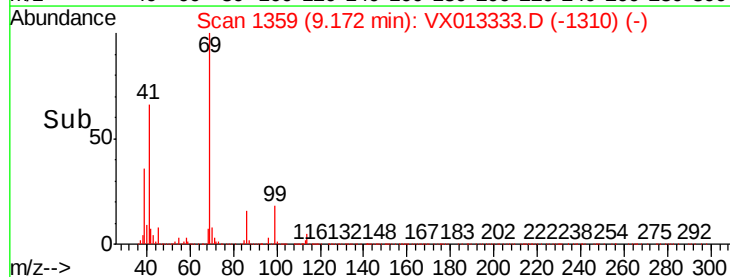
39 37.1 31.1 46.7

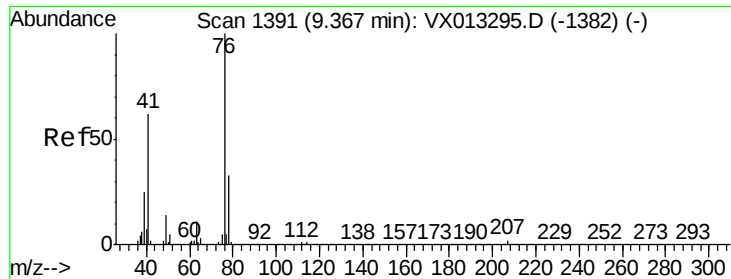


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 52.428 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX013333.D

Acq: 06 Nov 2019 10:15

Instrument :

MSVOA_X

ClientSampleId :

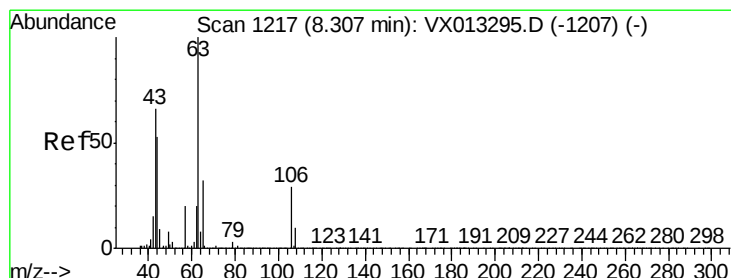
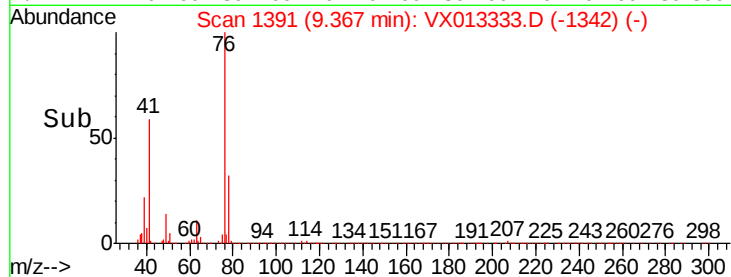
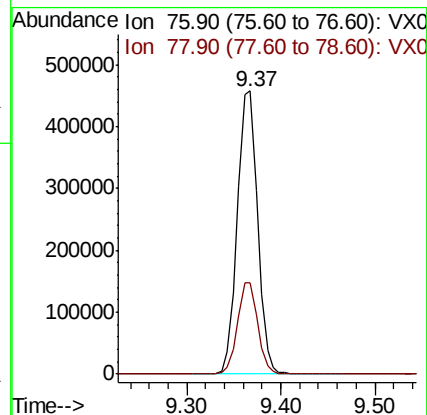
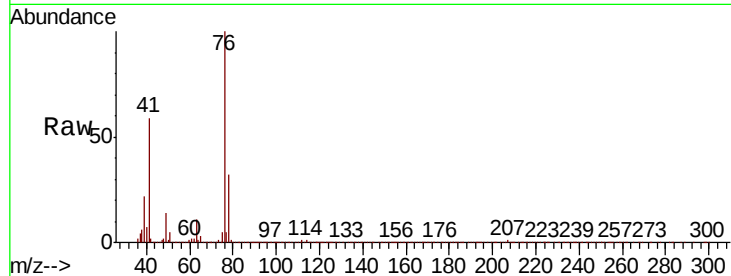
VSTDCCC050

Tot Ion: 76 Resp: 686190

Ion Ratio Lower Upper

76 100

78 32.0 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 265.462 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX013333.D

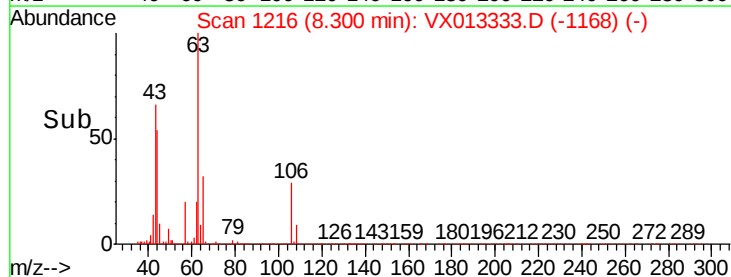
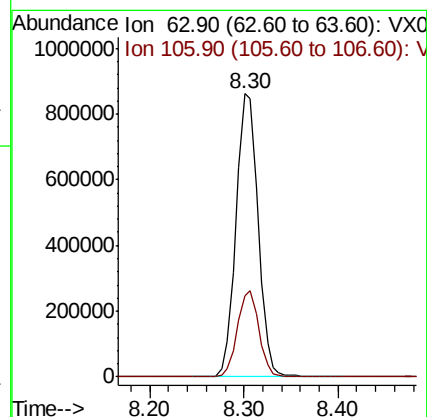
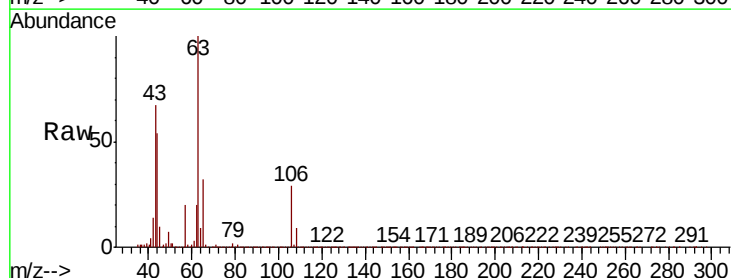
Acq: 06 Nov 2019 10:15

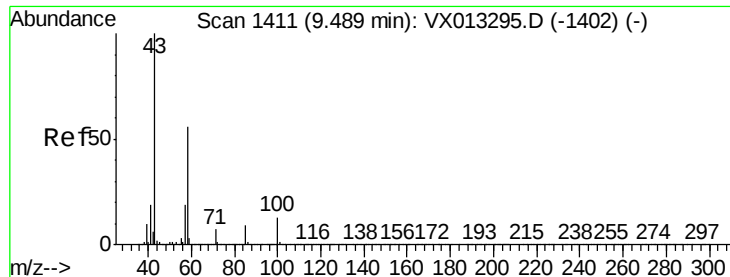
Tgt Ion: 63 Resp: 1399464

Ion Ratio Lower Upper

63 100

106 29.6 23.4 35.2

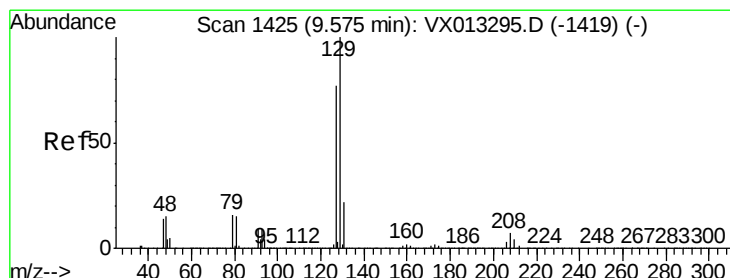
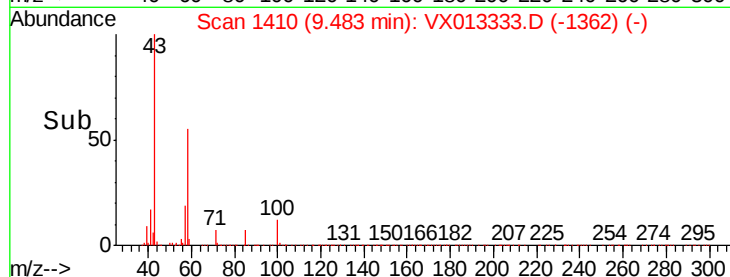
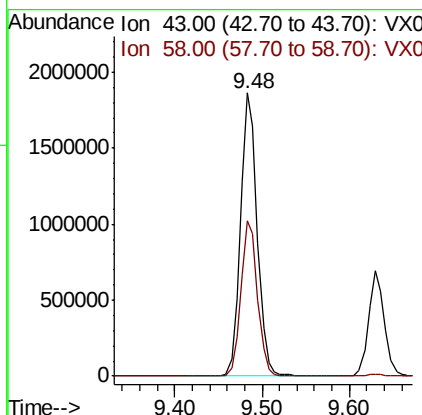
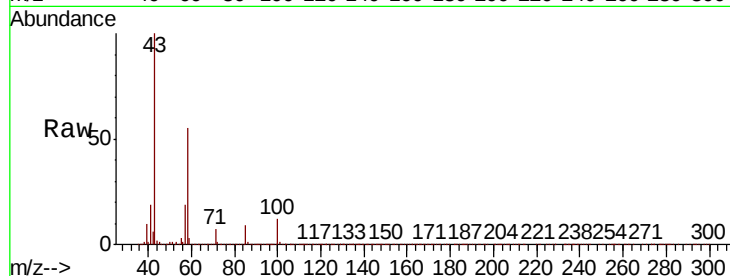




#59
2-Hexanone
Concen: 263.686 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX013333.D
Acq: 06 Nov 2019 10:15

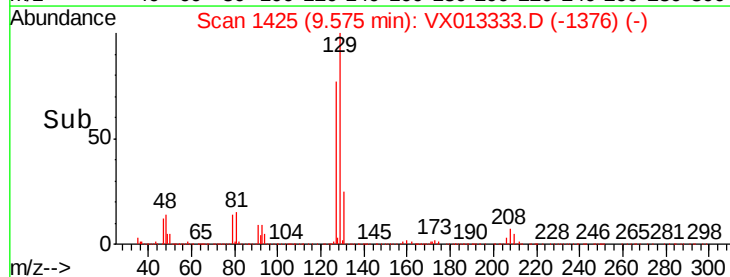
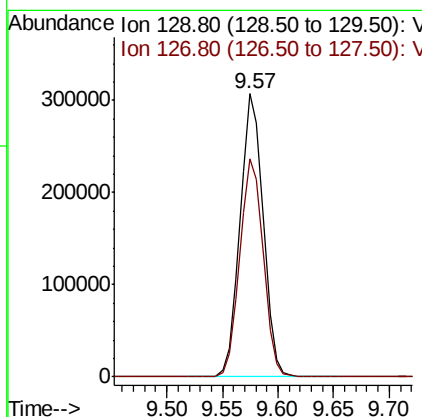
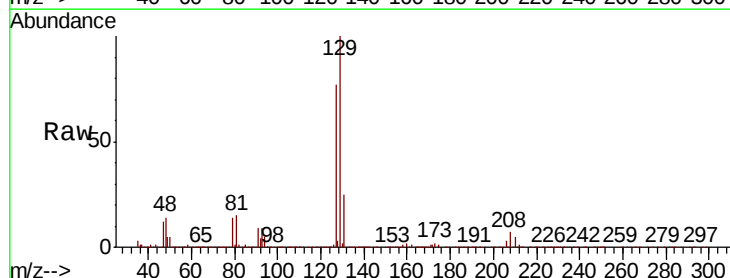
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

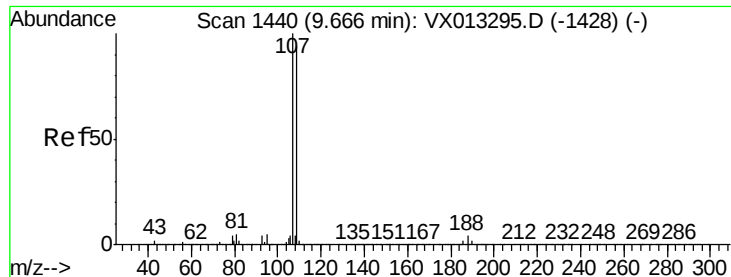
Tot Ion: 43 Resp: 2478499
Ion Ratio Lower Upper
43 100
58 54.9 27.3 81.8



#60
Dibromochloromethane
Concen: 56.063 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.00 min
Lab File: VX013333.D
Acq: 06 Nov 2019 10:15

Tgt Ion: 129 Resp: 442073
Ion Ratio Lower Upper
129 100
127 78.0 39.1 117.2





#61

1,2-Dibromoethane

Concen: 52.498 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX013333.D

Acq: 06 Nov 2019 10:15

Instrument :

MSVOA_X

ClientSampleId :

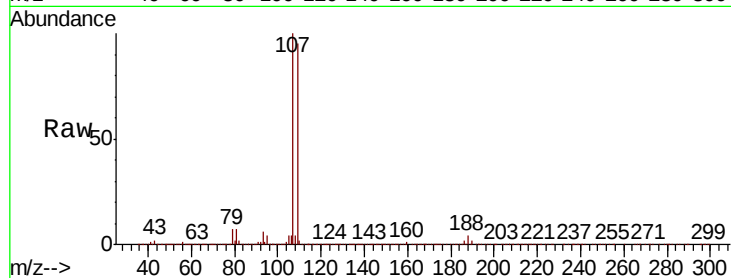
VSTDCCC050

Tot Ion: 107 Resp: 429811

Ion Ratio Lower Upper

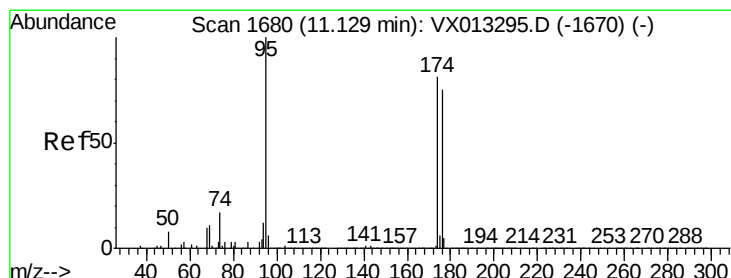
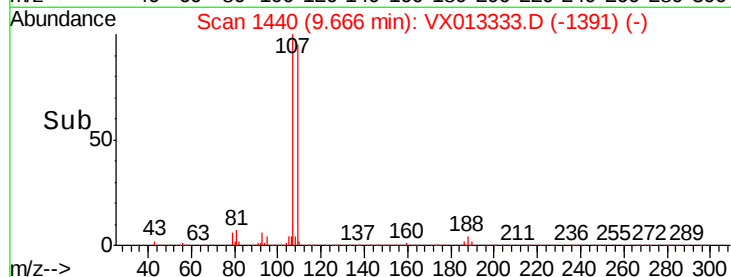
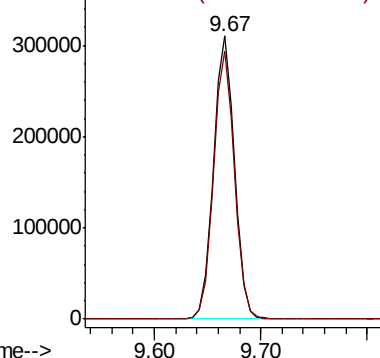
107 100

109 94.9 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: 49.008 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX013333.D

Acq: 06 Nov 2019 10:15

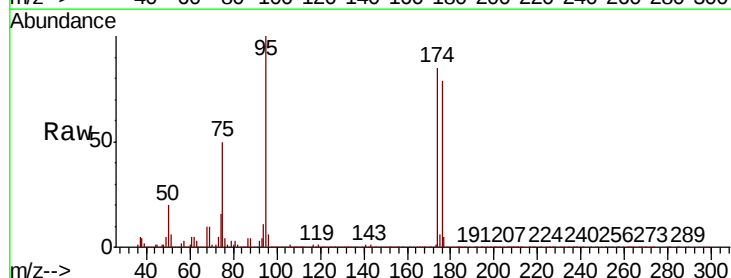
Tgt Ion: 95 Resp: 469704

Ion Ratio Lower Upper

95 100

174 90.2 0.0 179.8

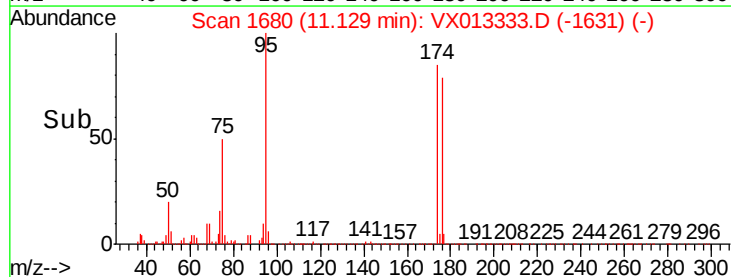
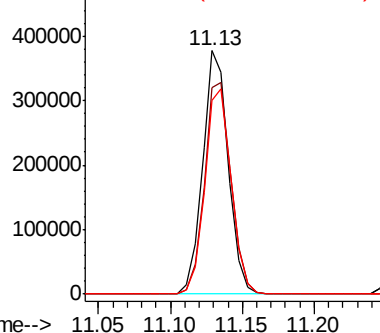
176 86.7 0.0 173.0

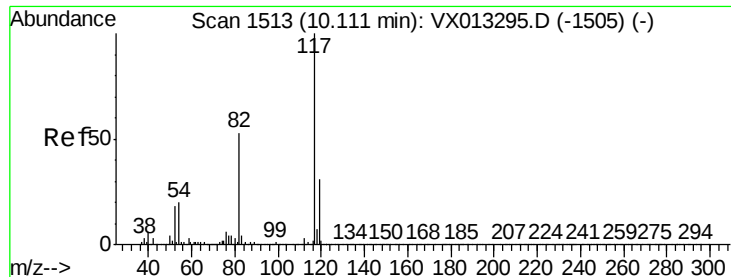


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

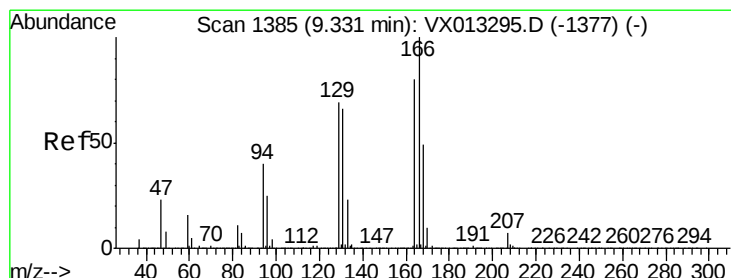
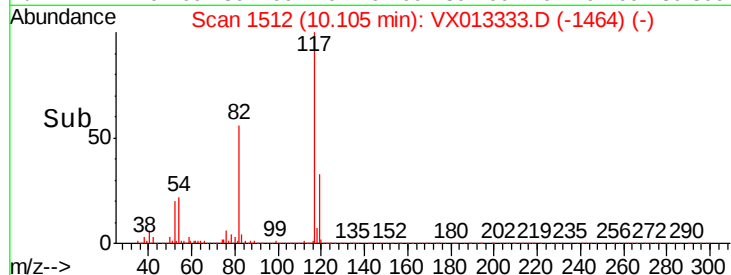
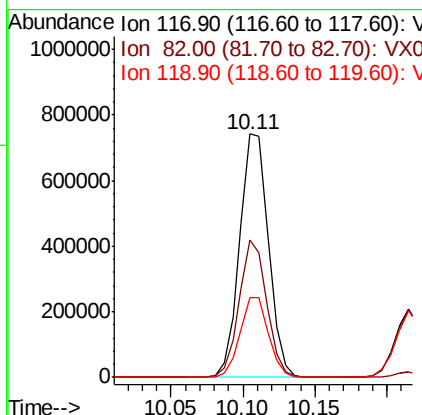
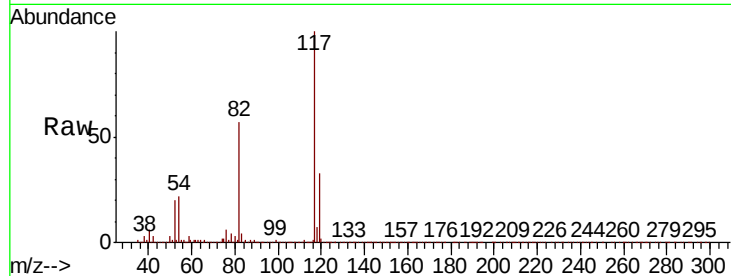




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX013333.D
Acq: 06 Nov 2019 10:15

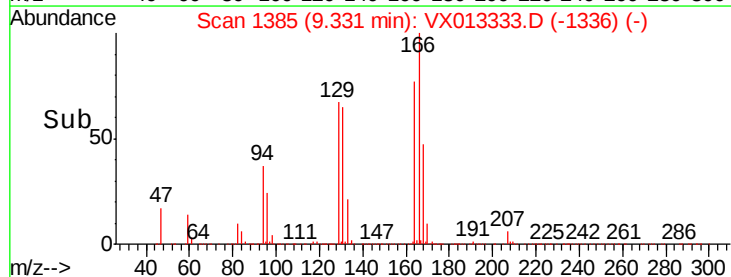
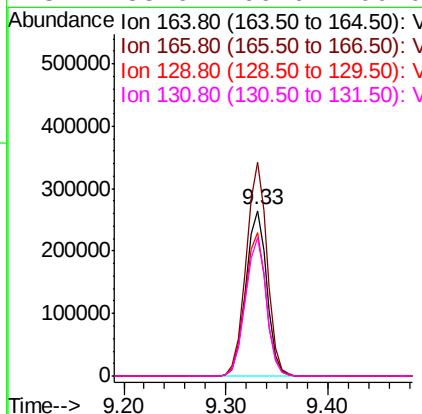
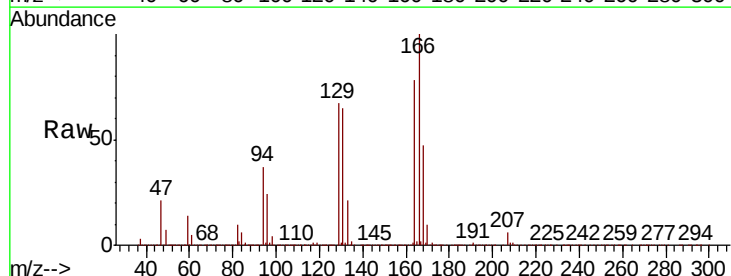
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

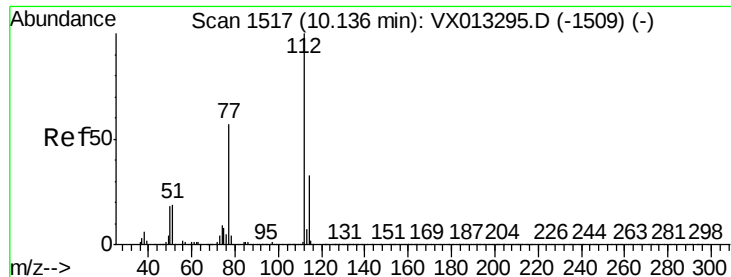
Tot Ion:117 Resp: 1030182
Ion Ratio Lower Upper
117 100
82 56.5 42.6 64.0
119 32.5 24.8 37.2



#64
Tetrachloroethene
Concen: 51.435 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX013333.D
Acq: 06 Nov 2019 10:15

Tgt Ion:164 Resp: 379320
Ion Ratio Lower Upper
164 100
166 128.9 100.4 150.6
129 86.4 69.4 104.2
131 83.6 66.6 100.0





#65

Chlorobenzene

Concen: 50.872 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX013333.D

Acq: 06 Nov 2019 10:15

Instrument :

MSVOA_X

ClientSampleId :

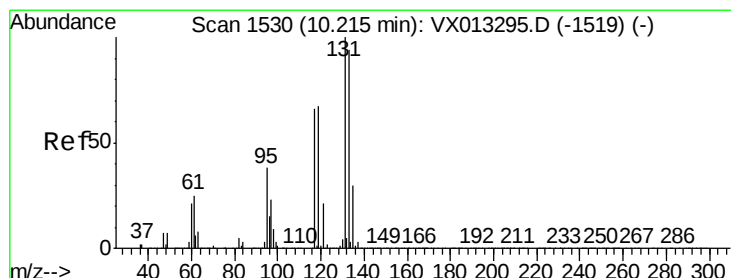
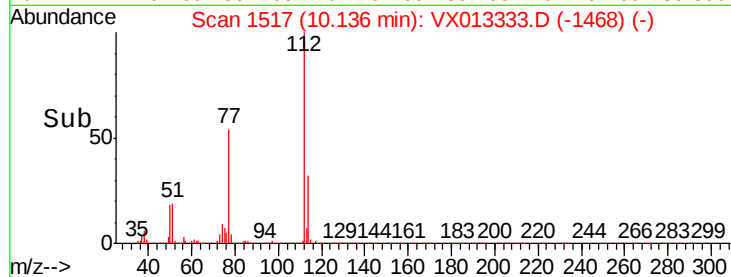
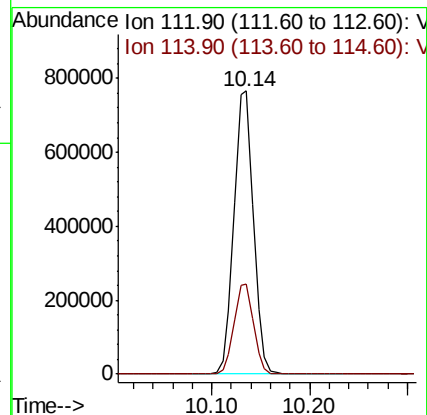
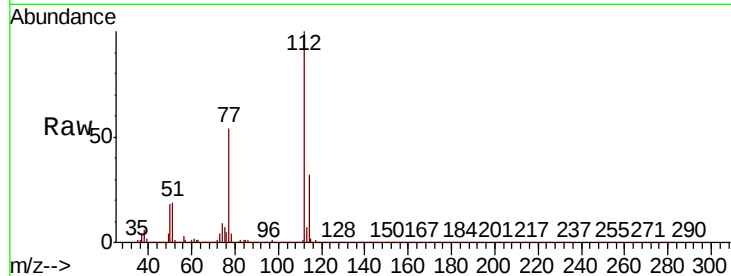
VSTDCCC050

Tot Ion:112 Resp: 1061017

Ion Ratio Lower Upper

112 100

114 31.8 26.4 39.6



#66

1,1,1,2-Tetrachloroethane

Concen: 52.266 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX013333.D

Acq: 06 Nov 2019 10:15

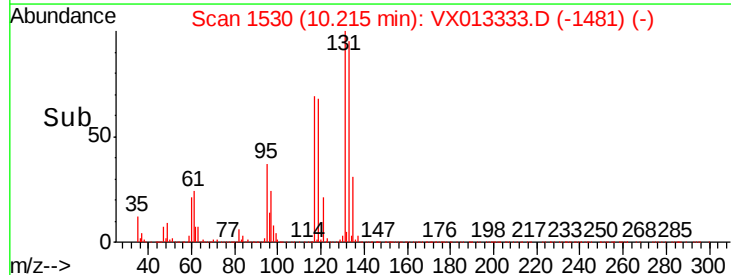
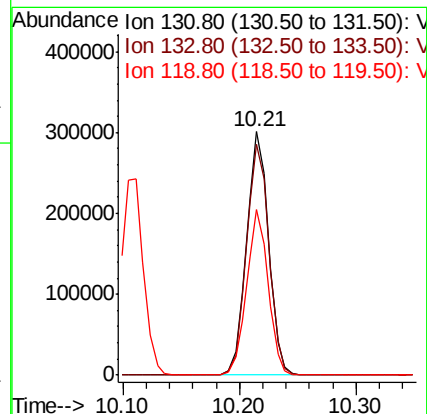
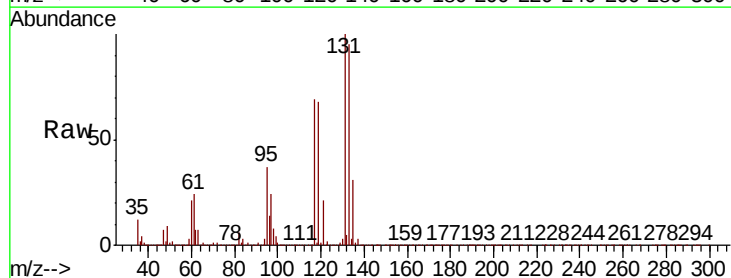
Tgt Ion:131 Resp: 400255

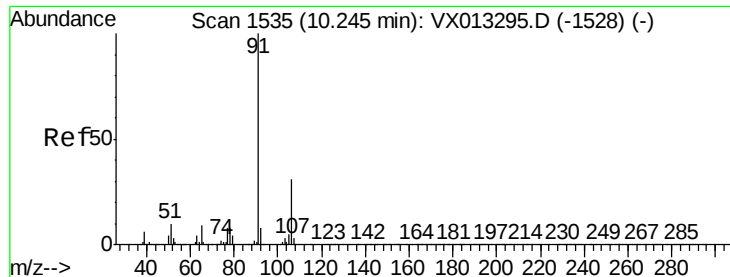
Ion Ratio Lower Upper

131 100

133 96.1 48.0 144.0

119 66.2 33.0 99.0





#67

Ethyl Benzene

Concen: 52.034 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX013333.D

Acq: 06 Nov 2019 10:15

Instrument :

MSVOA_X

ClientSampleId :

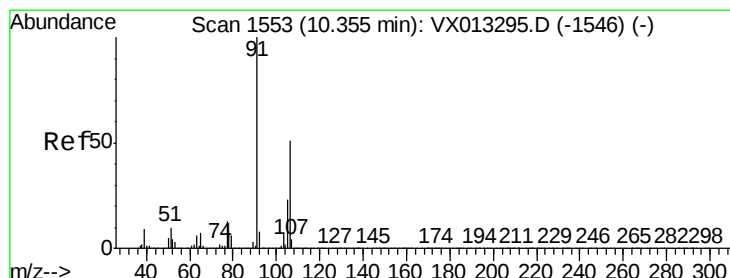
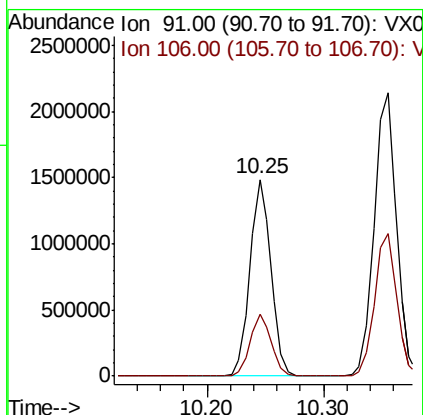
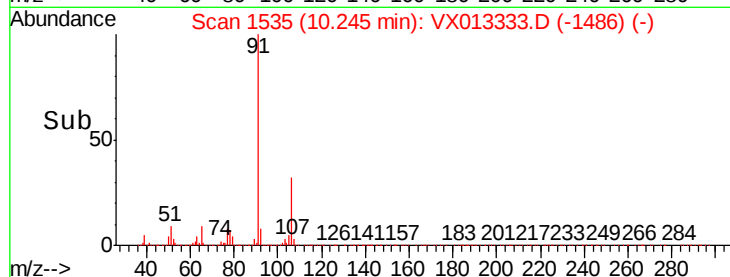
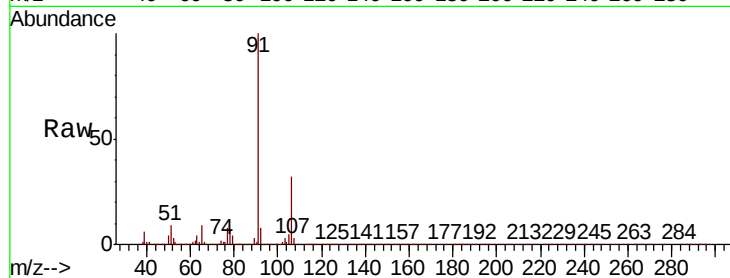
VSTDCCC050

Tot Ion: 91 Resp: 1873022

Ion Ratio Lower Upper

91 100

106 31.5 24.6 36.8



#68

m/p-Xylenes

Concen: 105.179 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX013333.D

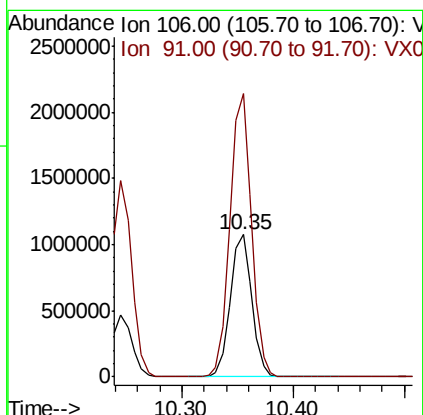
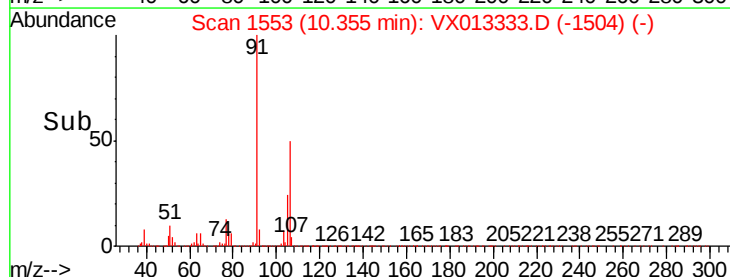
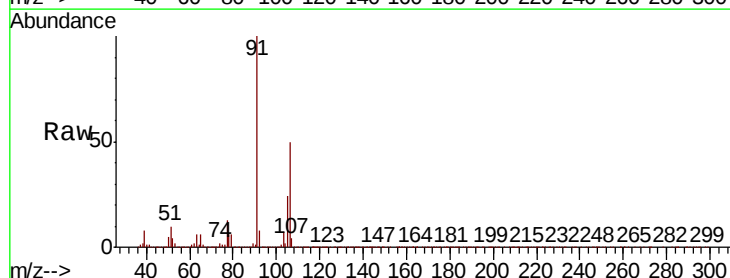
Acq: 06 Nov 2019 10:15

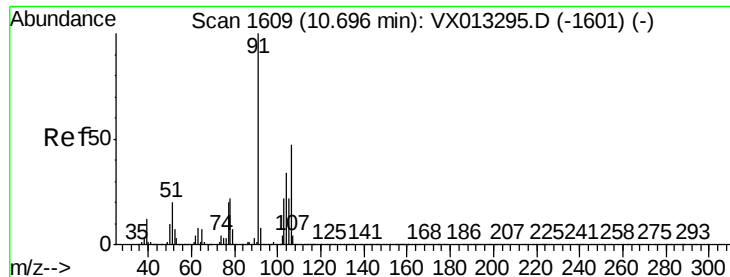
Tgt Ion: 106 Resp: 1431851

Ion Ratio Lower Upper

106 100

91 199.4 159.3 238.9

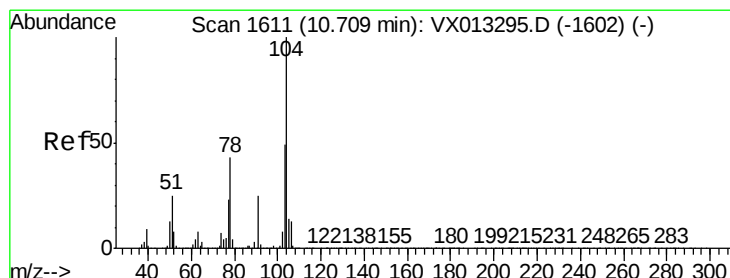
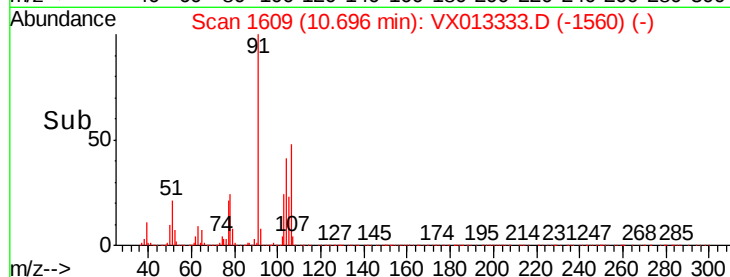
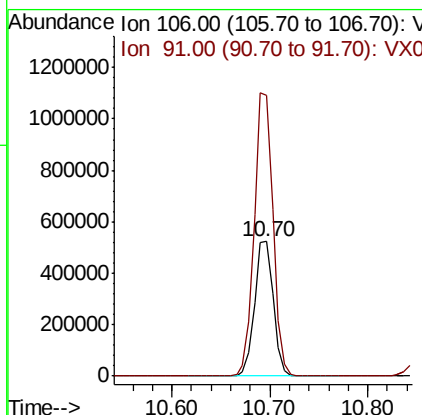
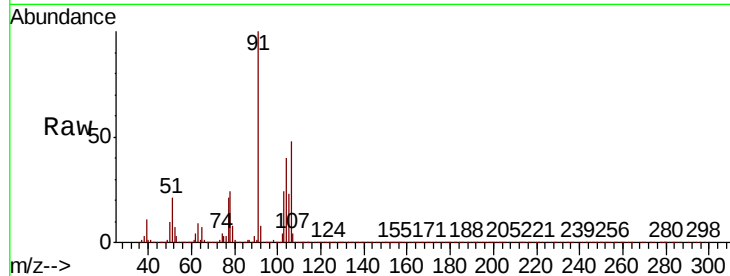




#69
o-Xylene
Concen: 52.277 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX013333.D
Acq: 06 Nov 2019 10:15

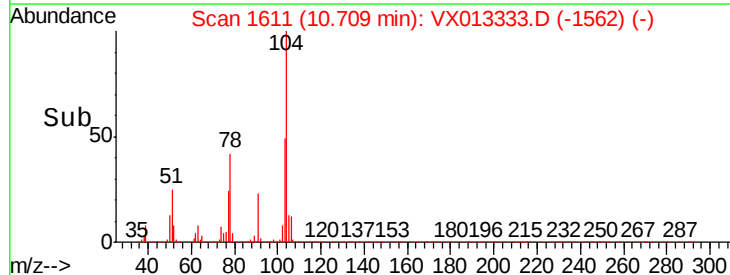
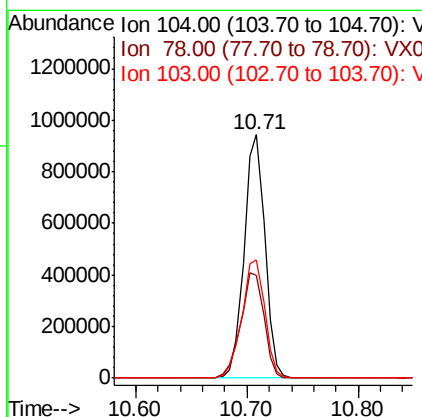
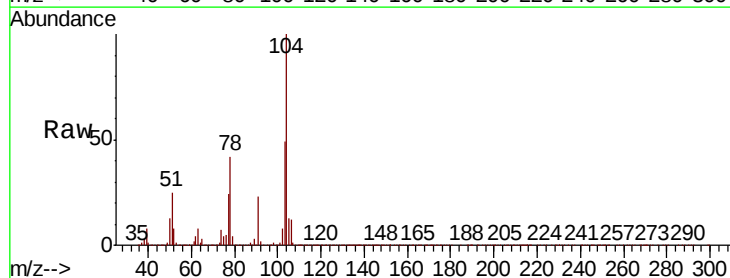
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

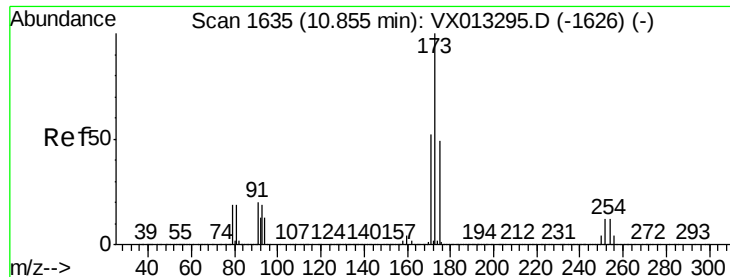
Tot Ion:106 Resp: 696745
Ion Ratio Lower Upper
106 100
91 210.2 105.7 317.0



#70
Styrene
Concen: 54.823 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX013333.D
Acq: 06 Nov 2019 10:15

Tgt Ion:104 Resp: 1221409
Ion Ratio Lower Upper
104 100
78 48.4 40.0 60.0
103 54.0 44.1 66.1

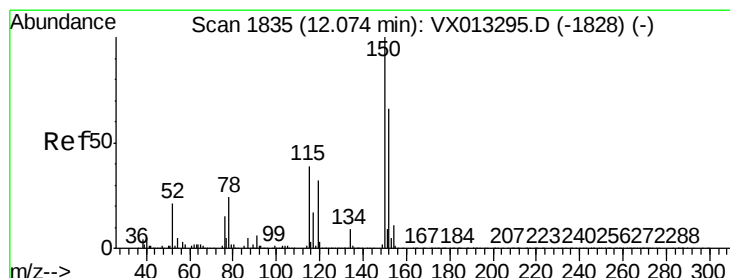
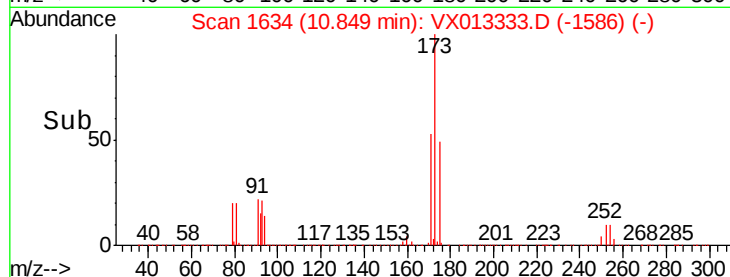
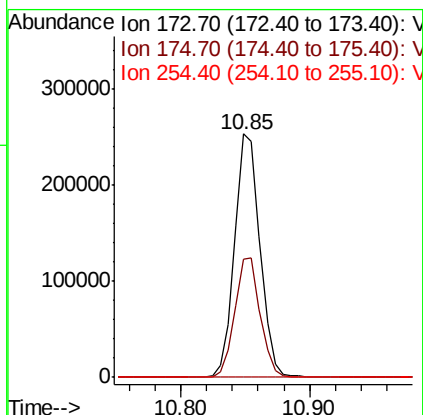
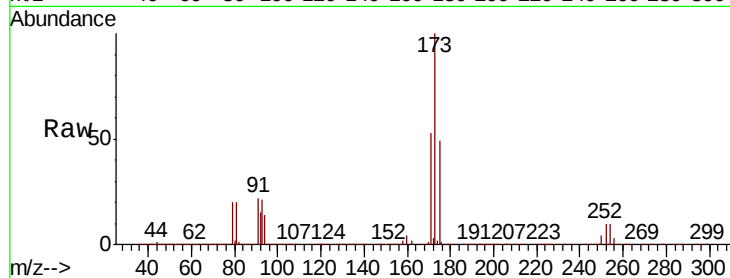




#71
Bromoform
Concen: 49.039 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. -0.01 min
Lab File: VX013333.D
Acq: 06 Nov 2019 10:15

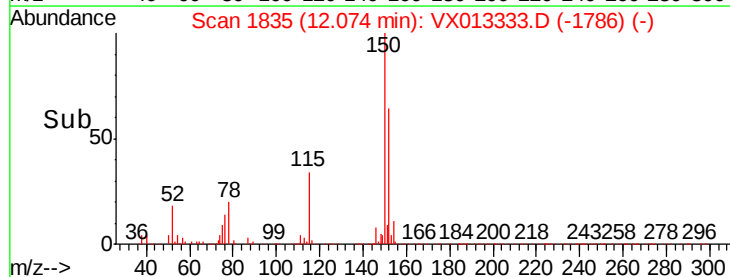
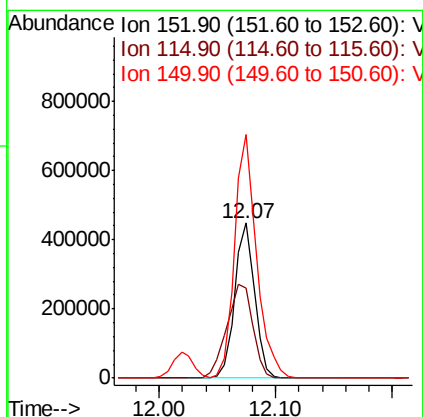
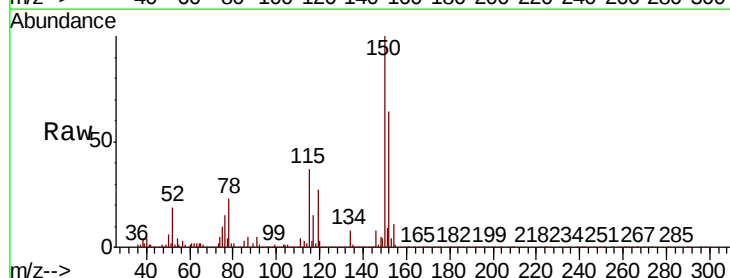
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

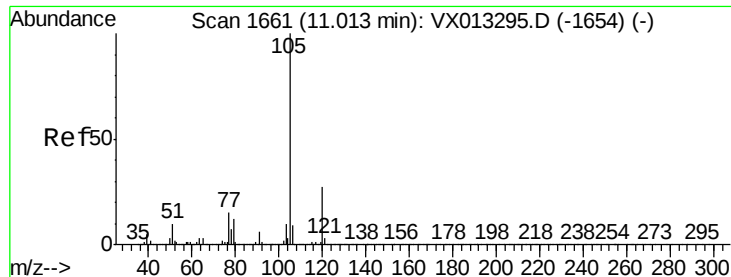
Tot Ion:173 Resp: 347733
Ion Ratio Lower Upper
173 100
175 49.2 24.8 74.4
254 0.2 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX013333.D
Acq: 06 Nov 2019 10:15

Tgt Ion:152 Resp: 532432
Ion Ratio Lower Upper
152 100
115 78.9 39.5 118.3
150 174.0 0.0 344.4

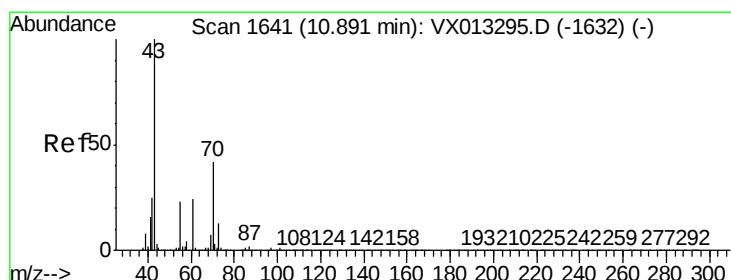
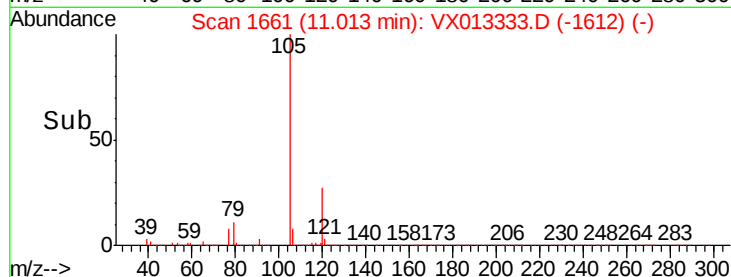
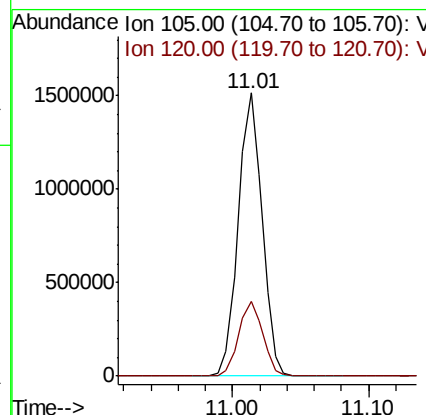
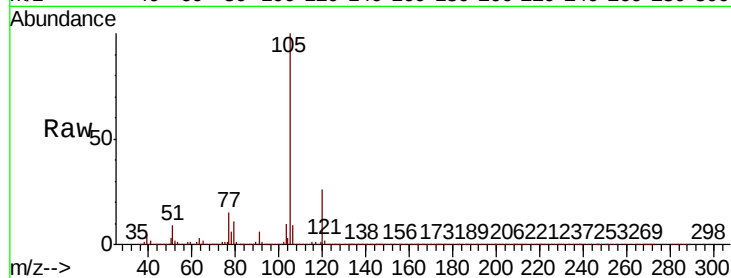




#73
Isopropylbenzene
Concen: 52.424 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX013333.D
Acq: 06 Nov 2019 10:15

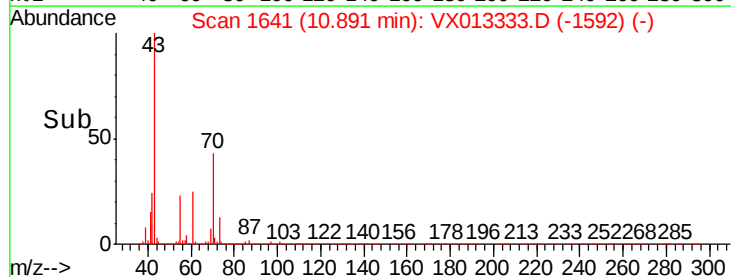
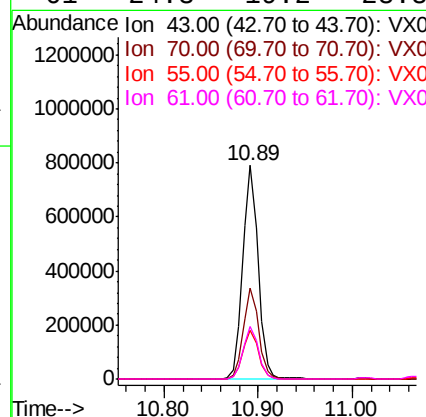
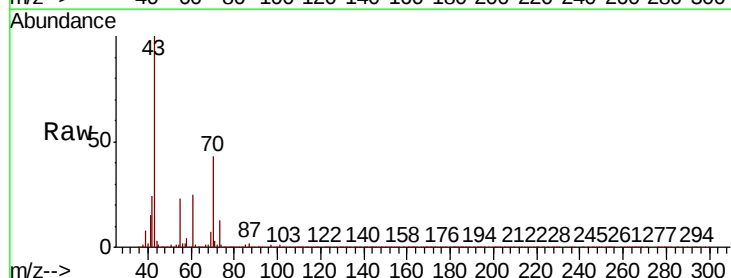
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

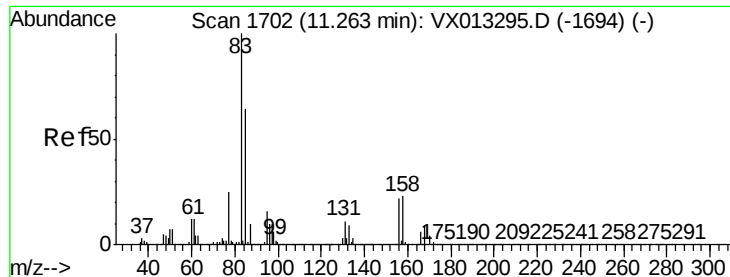
Tot Ion:105 Resp: 1850630
Ion Ratio Lower Upper
105 100
120 26.6 13.5 40.5



#74
N-ethyl acetate
Concen: 55.021 ug/l
RT: 10.89 min Scan# 1641
Delta R.T. -0.00 min
Lab File: VX013333.D
Acq: 06 Nov 2019 10:15

Tgt Ion: 43 Resp: 900686
Ion Ratio Lower Upper
43 100
70 42.3 34.1 51.1
55 23.4 18.9 28.3
61 24.3 19.2 28.8





#75

1,1,2,2-Tetrachloroethane

Concen: 50.909 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX013333.D

Acq: 06 Nov 2019 10:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

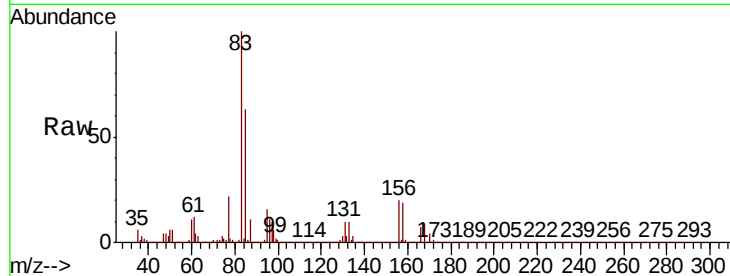
Tot Ion: 83 Resp: 655624

Ion Ratio Lower Upper

83 100

131 10.2 5.1 15.3

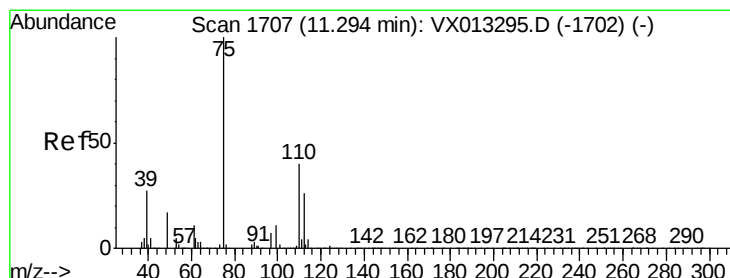
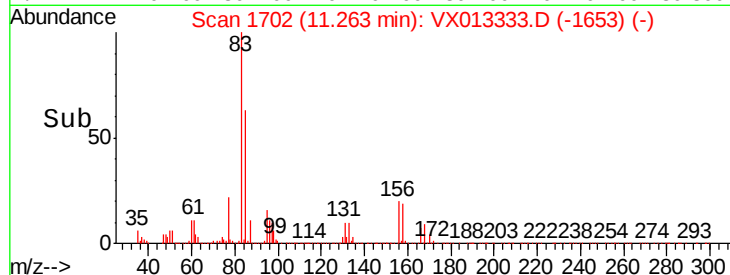
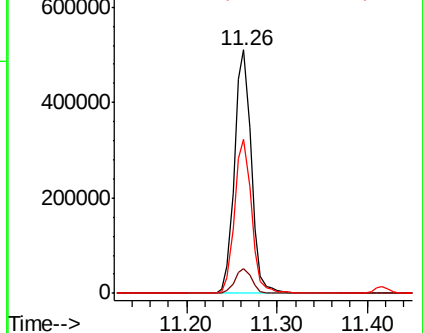
85 63.9 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 69.464 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX013333.D

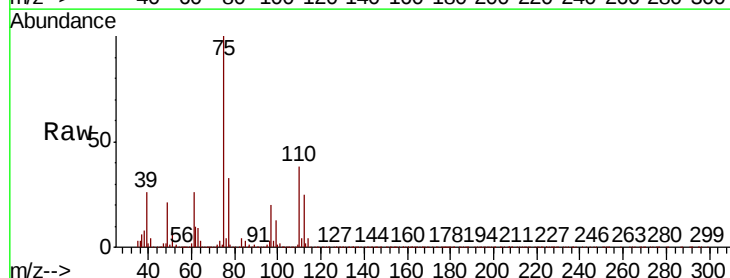
Acq: 06 Nov 2019 10:15

Tgt Ion: 75 Resp: 751207

Ion Ratio Lower Upper

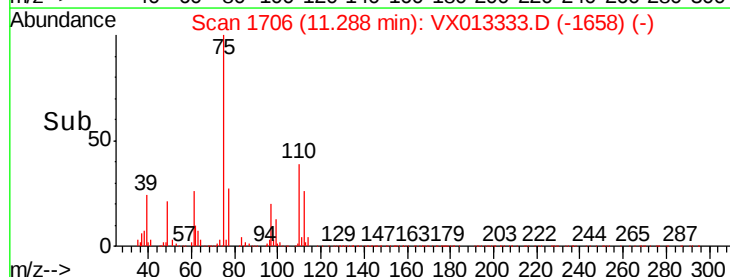
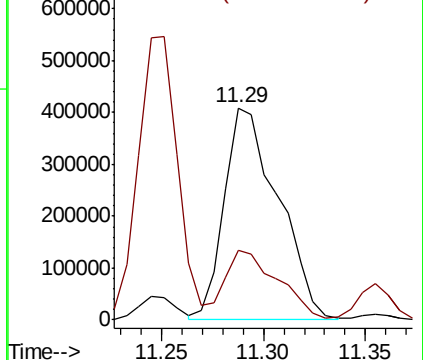
75 100

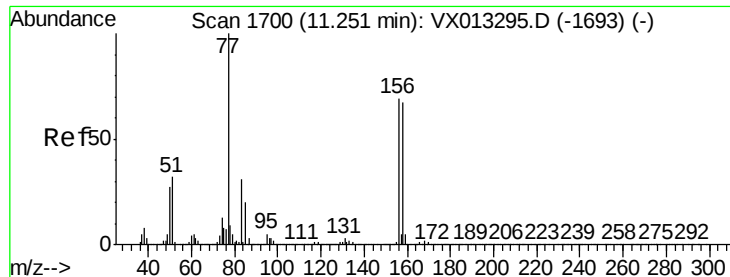
77 32.7 22.3 66.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 52.514 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX013333.D

Acq: 06 Nov 2019 10:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

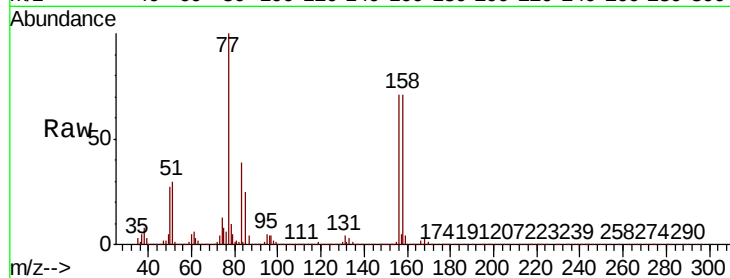
Tot Ion:156 Resp: 494200

Ion Ratio Lower Upper

156 100

77 147.5 75.8 227.4

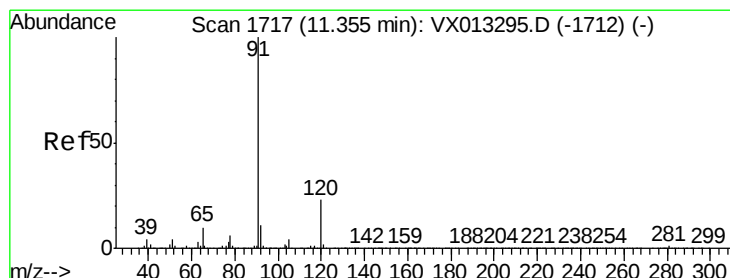
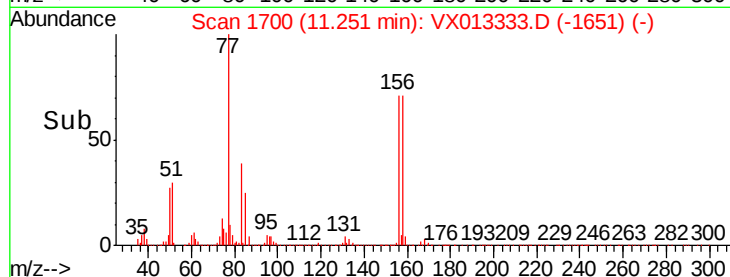
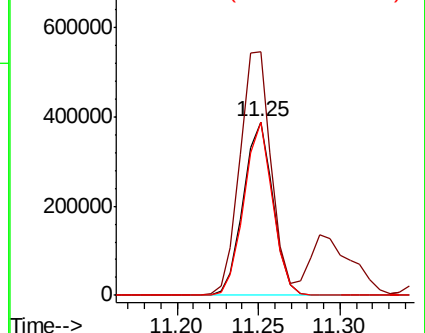
158 96.6 47.6 142.8



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: 54.165 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX013333.D

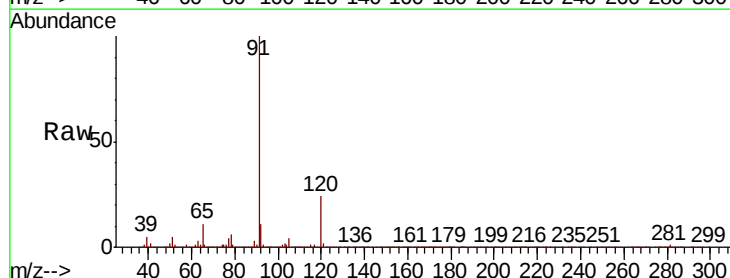
Acq: 06 Nov 2019 10:15

Tgt Ion: 91 Resp: 2129945

Ion Ratio Lower Upper

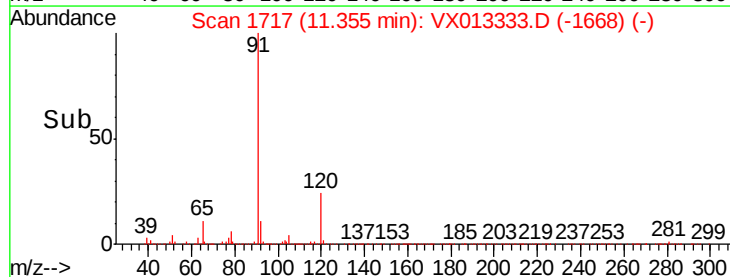
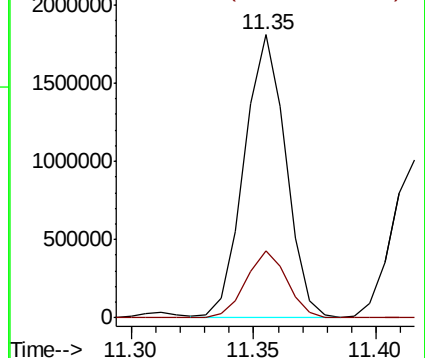
91 100

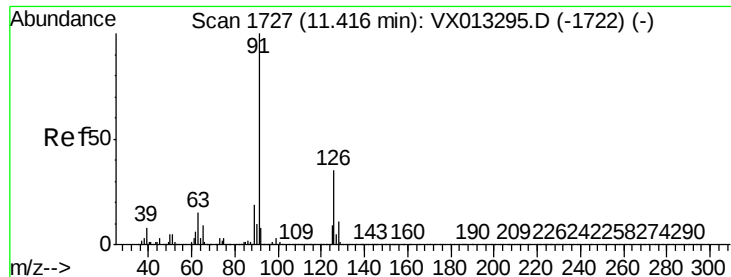
120 23.5 11.6 34.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

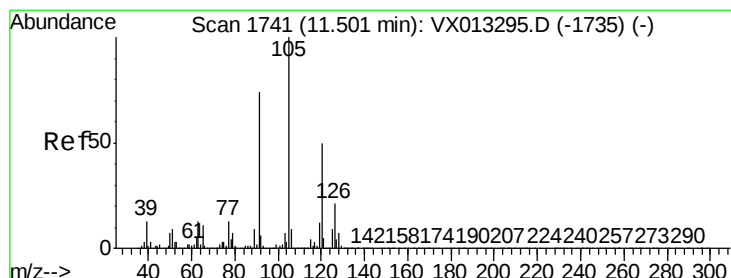
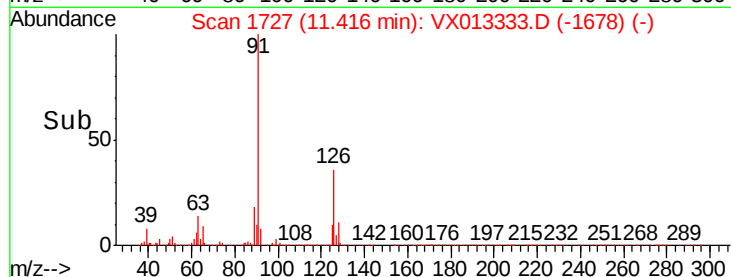
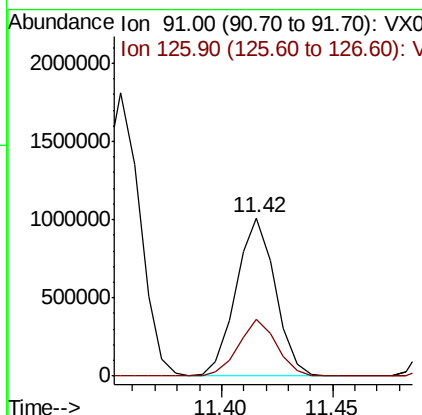
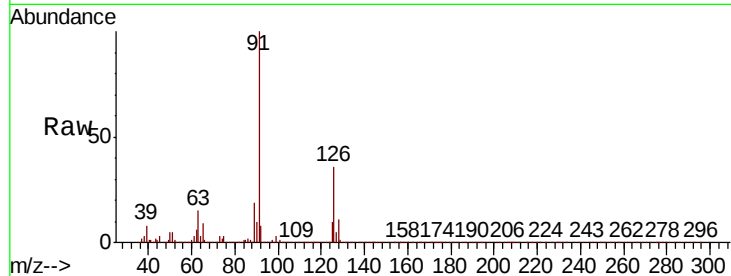




#79
2-Chlorotoluene
Concen: 52.264 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VX013333.D
Acq: 06 Nov 2019 10:15

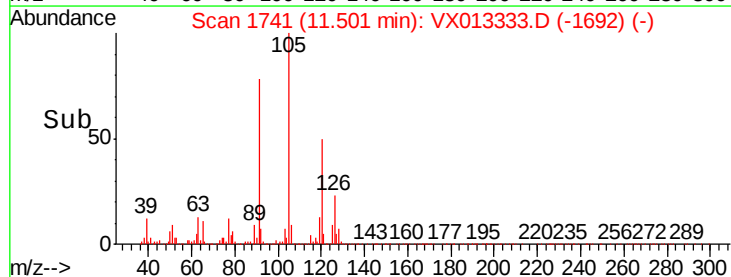
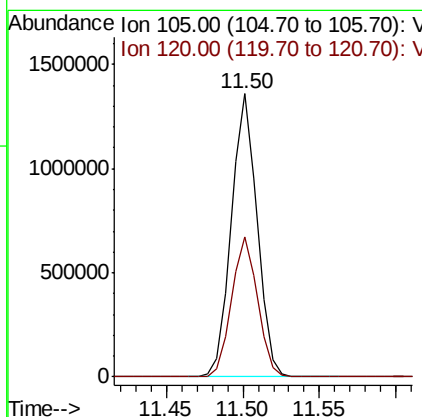
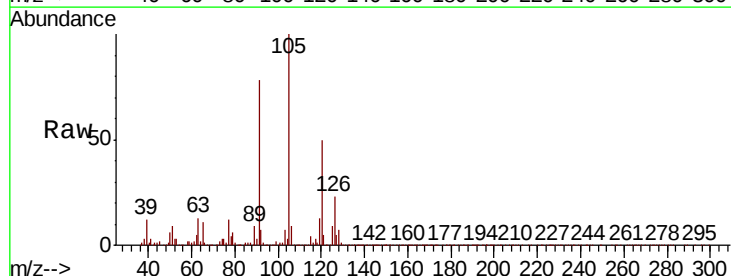
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

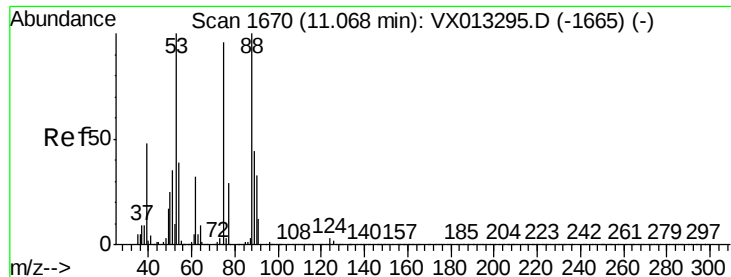
Tot Ion: 91 Resp: 1238250
Ion Ratio Lower Upper
91 100
126 34.9 17.3 52.0



#80
1,3,5-Trimethylbenzene
Concen: 53.803 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX013333.D
Acq: 06 Nov 2019 10:15

Tgt Ion: 105 Resp: 1582008
Ion Ratio Lower Upper
105 100
120 49.9 24.9 74.8

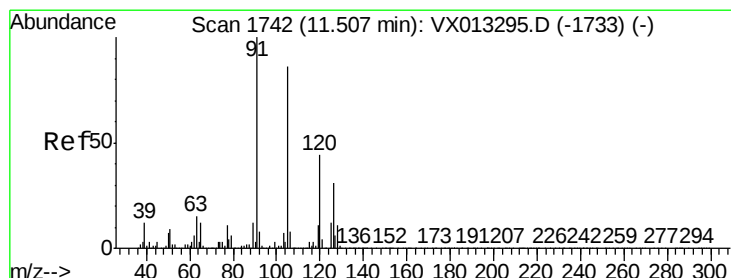
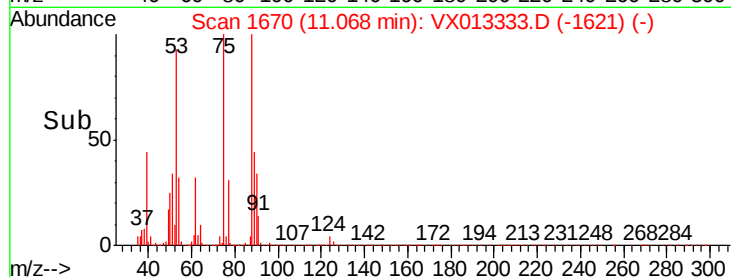
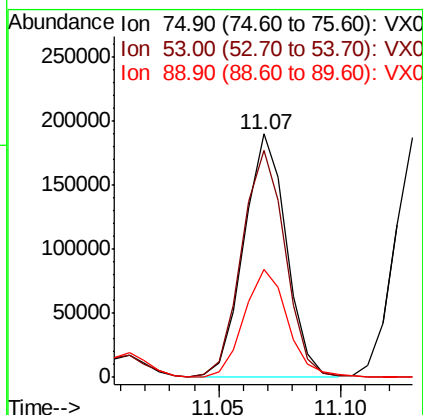
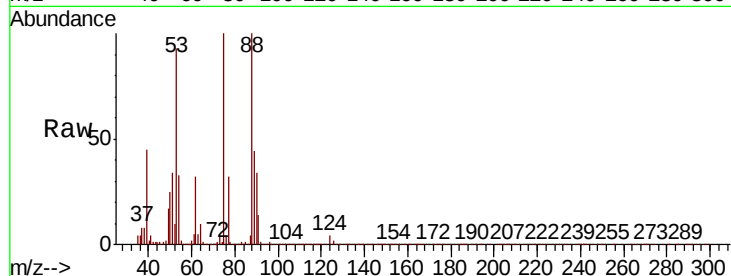




#81
trans-1,4-Dichloro-2-butene
Concen: 54.487 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VX013333.D
Acq: 06 Nov 2019 10:15

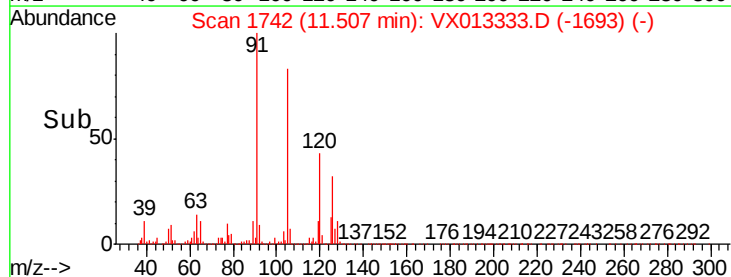
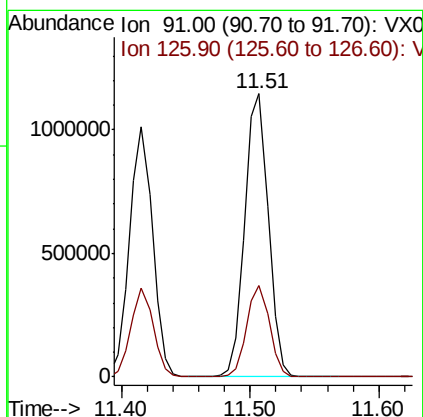
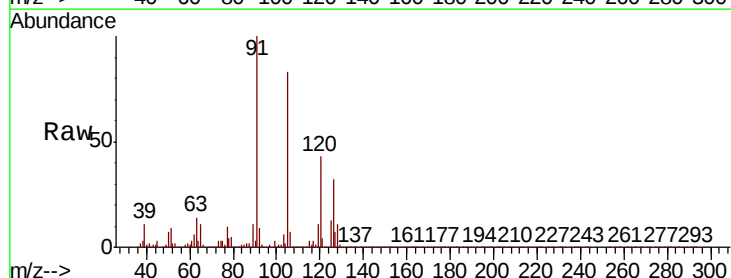
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

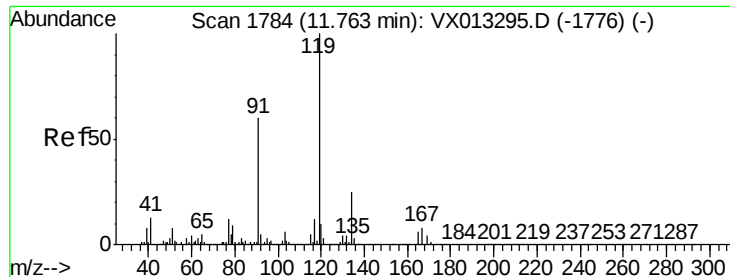
Tot Ion: 75 Resp: 228924
Ion Ratio Lower Upper
75 100
53 96.0 81.0 121.6
89 46.2 36.0 54.0



#82
4-Chlorotoluene
Concen: 52.059 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX013333.D
Acq: 06 Nov 2019 10:15

Tgt Ion: 91 Resp: 1443788
Ion Ratio Lower Upper
91 100
126 31.3 15.3 45.8

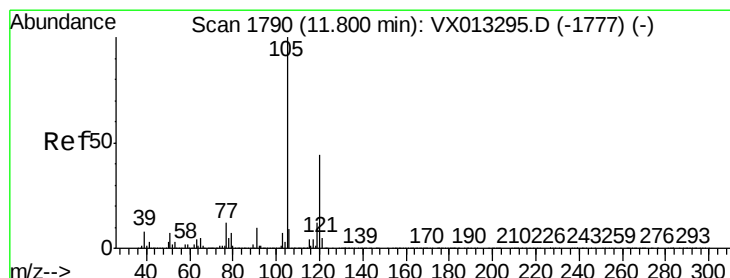
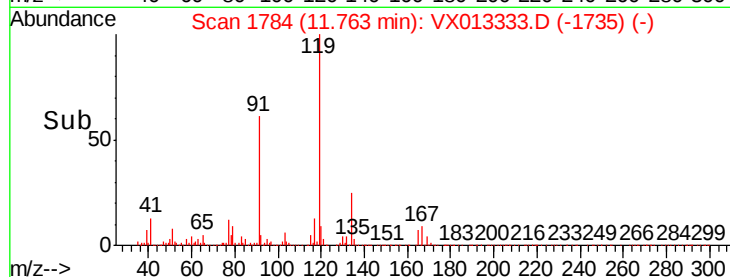
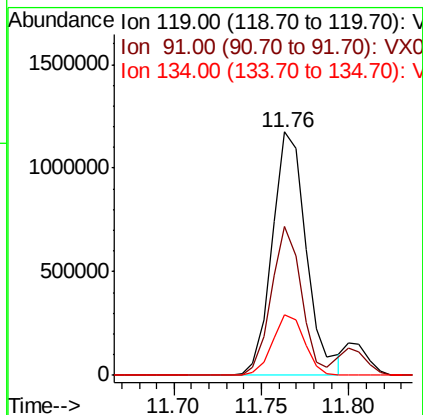
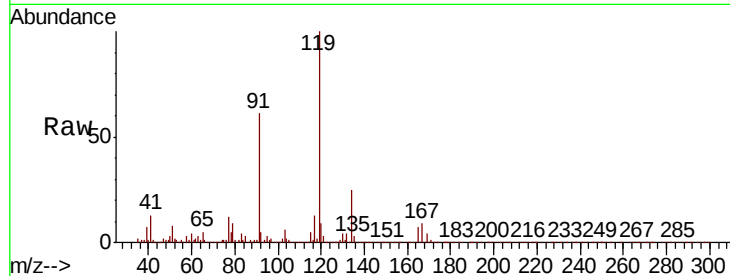




#83
tert-Butylbenzene
Concen: 53.901 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX013333.D
Acq: 06 Nov 2019 10:15

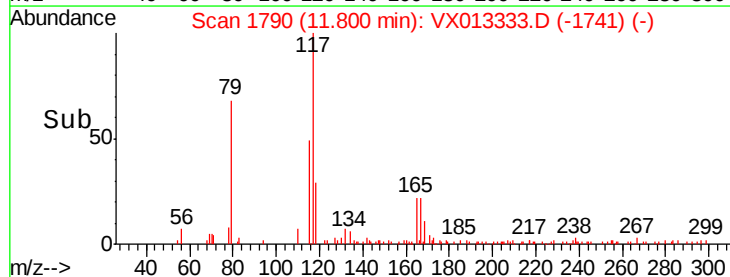
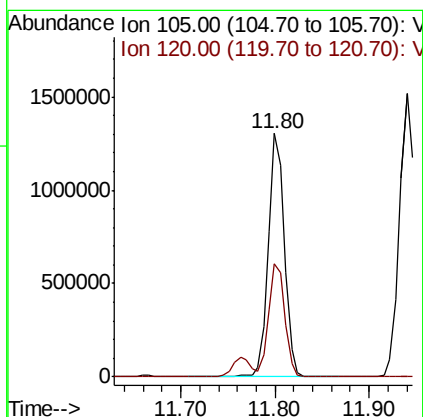
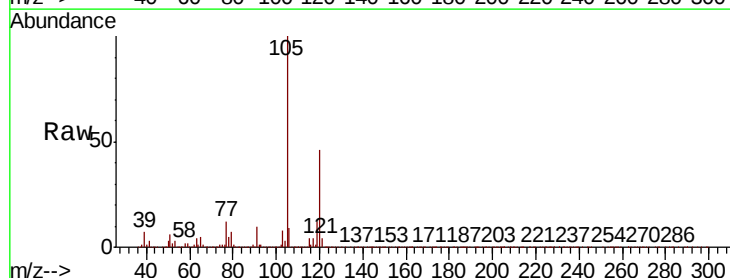
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

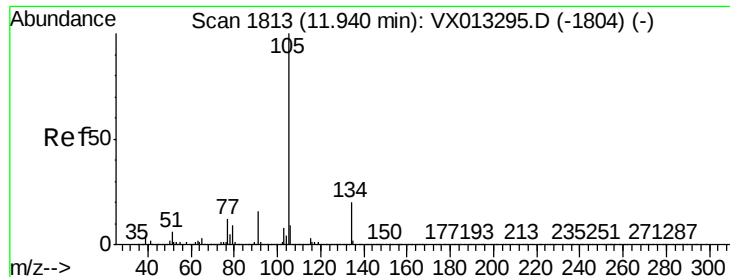
Tot Ion:119 Resp: 1595424
Ion Ratio Lower Upper
119 100
91 54.4 26.9 80.7
134 23.4 11.7 35.1



#84
1,2,4-Trimethylbenzene
Concen: 53.495 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. 0.00 min
Lab File: VX013333.D
Acq: 06 Nov 2019 10:15

Tgt Ion:105 Resp: 1577912
Ion Ratio Lower Upper
105 100
120 46.5 22.7 68.1





#85

sec-Butylbenzene

Concen: 53.115 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX013333.D

Acq: 06 Nov 2019 10:15

Instrument :

MSVOA_X

ClientSampleId :

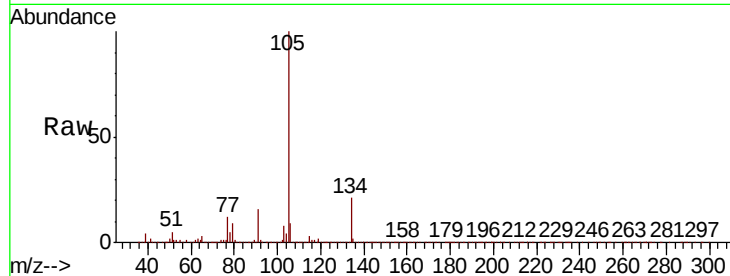
VSTDCCC050

Tot Ion:105 Resp: 1806863

Ion Ratio Lower Upper

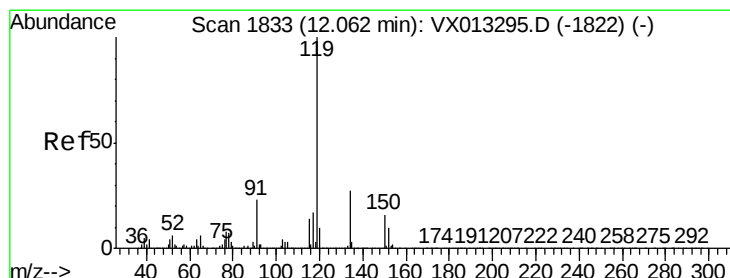
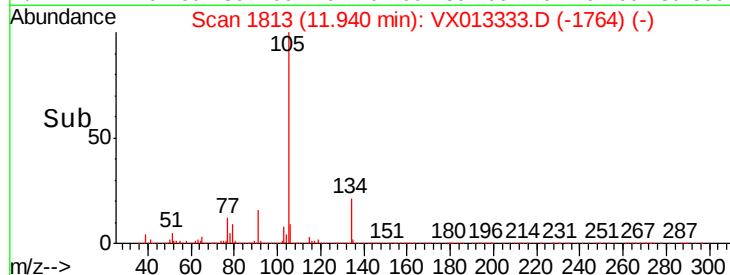
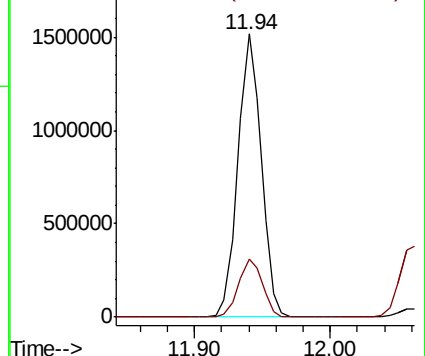
105 100

134 20.9 10.3 30.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 54.301 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX013333.D

Acq: 06 Nov 2019 10:15

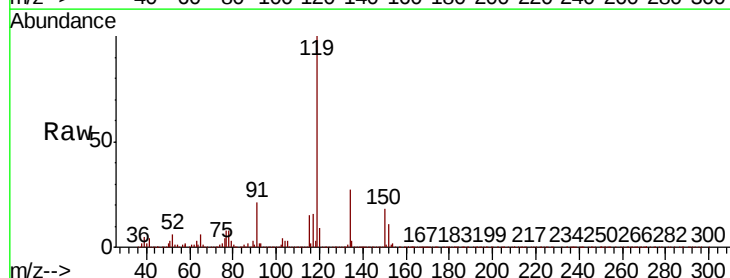
Tgt Ion:119 Resp: 1700967

Ion Ratio Lower Upper

119 100

134 26.7 13.3 39.8

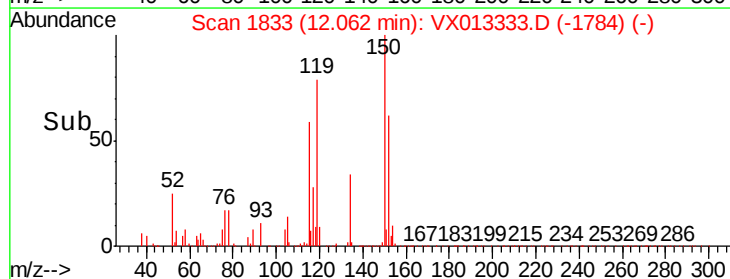
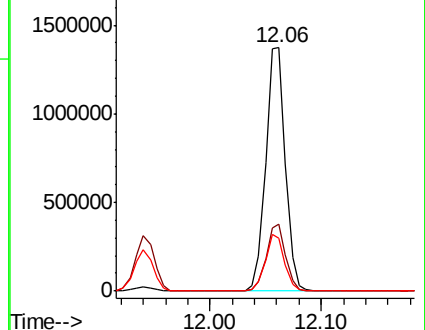
91 22.5 11.5 34.4



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

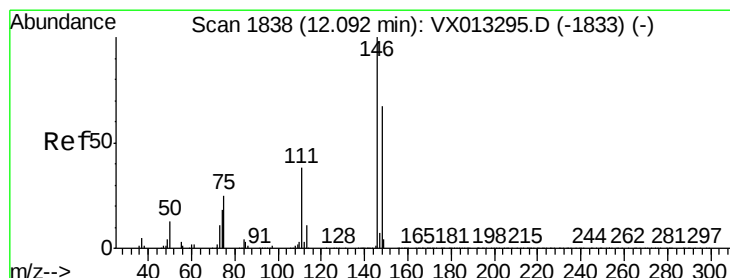
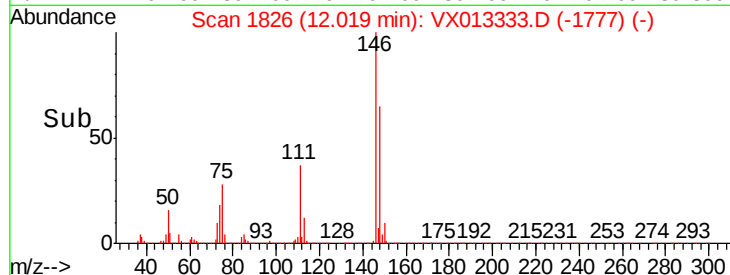
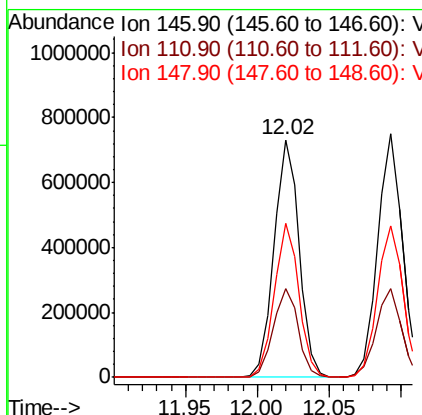
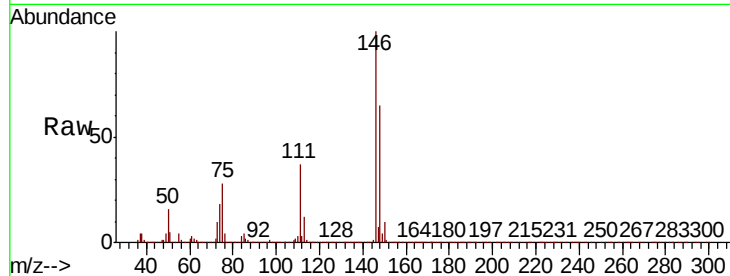




#87
 1,3-Dichlorobenzene
 Concen: 52.901 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX013333.D
 Acq: 06 Nov 2019 10:15

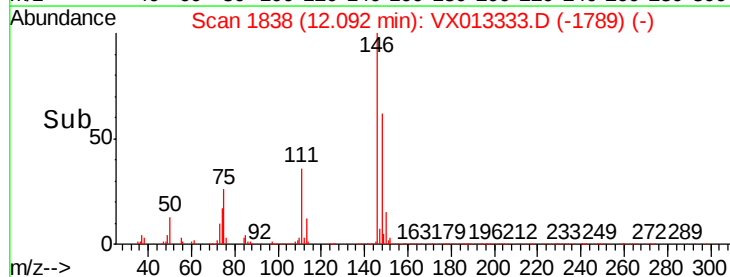
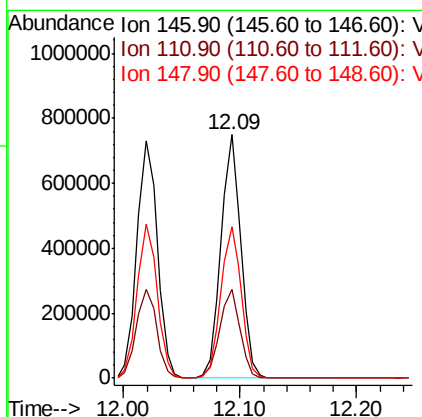
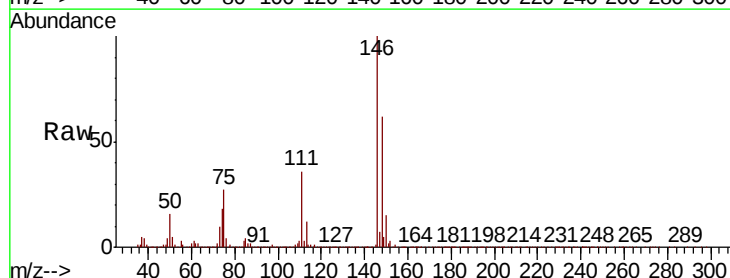
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

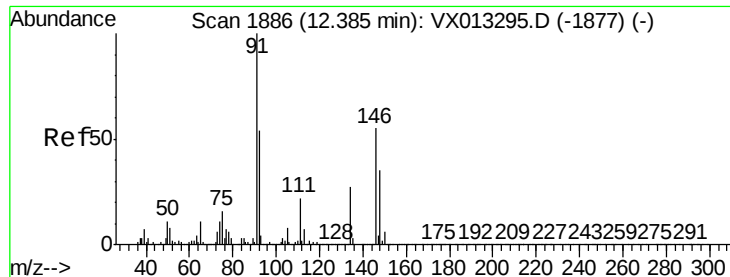
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.2	18.9	56.5
148	63.6	31.9	95.7



#88
 1,4-Dichlorobenzene
 Concen: 51.393 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX013333.D
 Acq: 06 Nov 2019 10:15

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.0	18.8	56.4
148	63.9	32.4	97.0

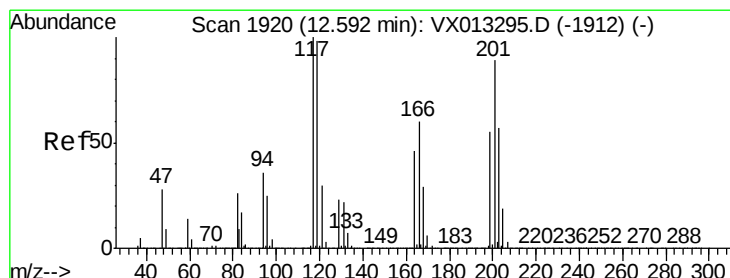
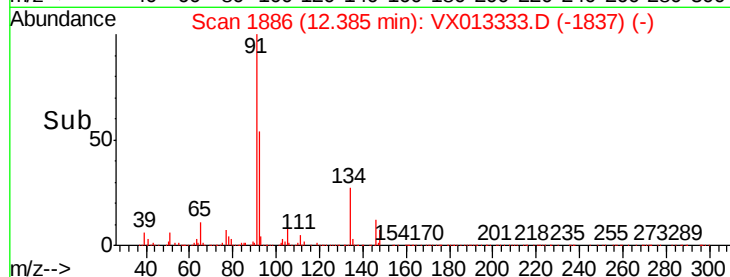
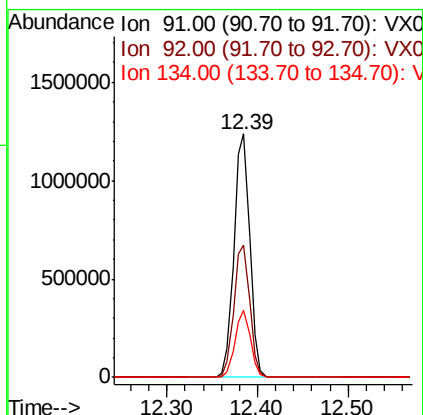
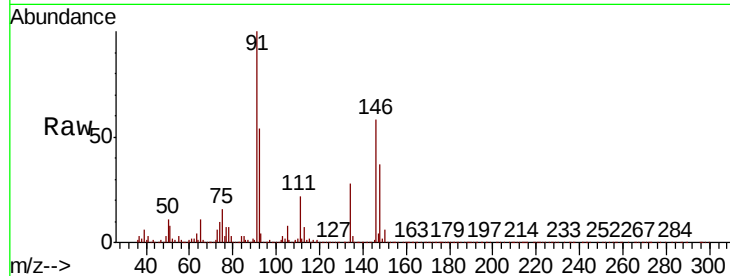




#89
n-Butylbenzene
Concen: 54.603 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX013333.D
Acq: 06 Nov 2019 10:15

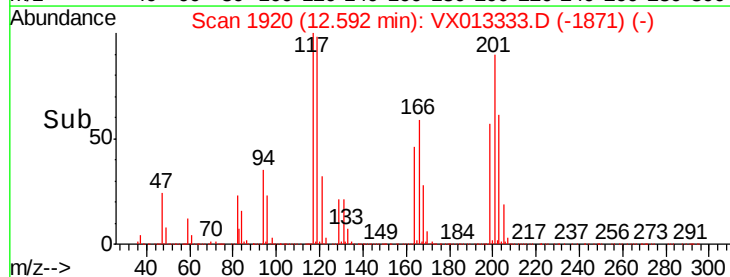
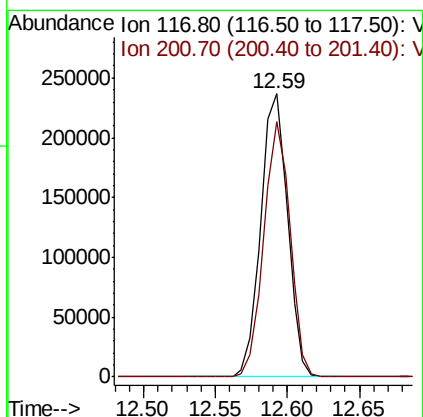
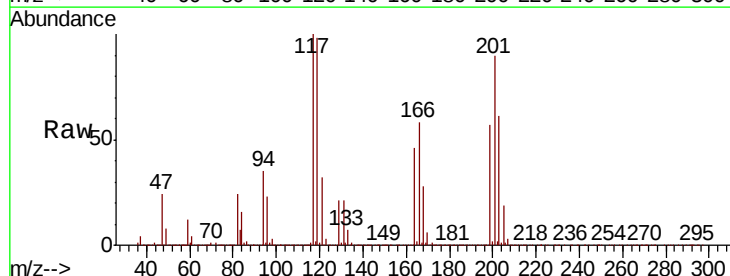
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

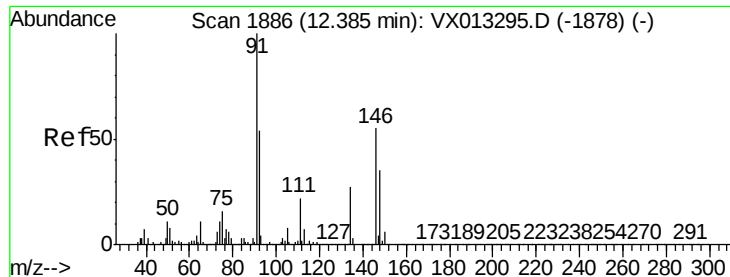
Tot Ion: 91 Resp: 1492461
Ion Ratio Lower Upper
91 100
92 54.6 27.3 81.8
134 27.1 13.5 40.5



#90
Hexachloroethane
Concen: 54.468 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX013333.D
Acq: 06 Nov 2019 10:15

Tgt Ion: 117 Resp: 303995
Ion Ratio Lower Upper
117 100
201 88.4 43.9 131.7





#91

1,2-Dichlorobenzene

Concen: 52.359 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX013333.D

Acq: 06 Nov 2019 10:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

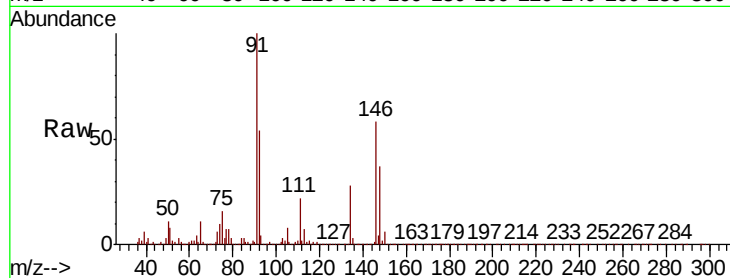
Tot Ion:146 Resp: 877969

Ion Ratio Lower Upper

146 100

111 39.6 20.1 60.2

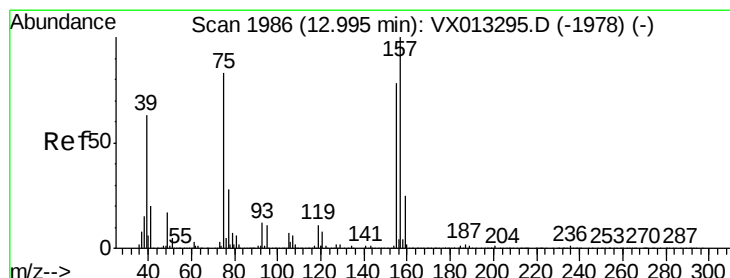
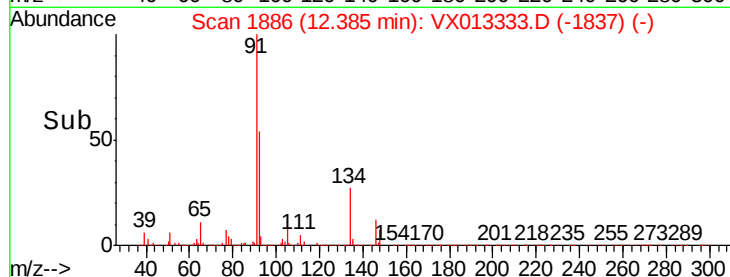
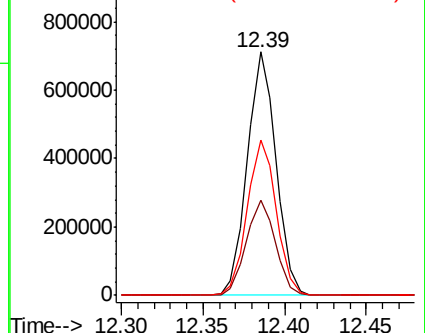
148 64.3 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 46.699 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VX013333.D

Acq: 06 Nov 2019 10:15

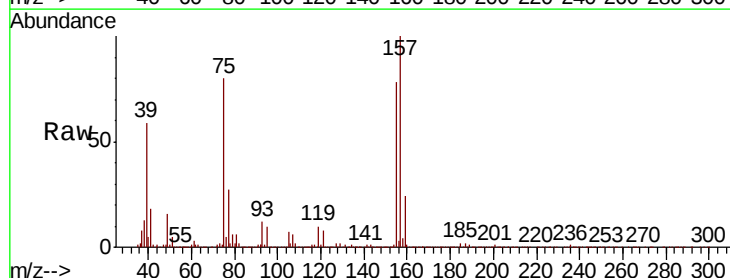
Tgt Ion: 75 Resp: 146521

Ion Ratio Lower Upper

75 100

155 96.5 47.1 141.4

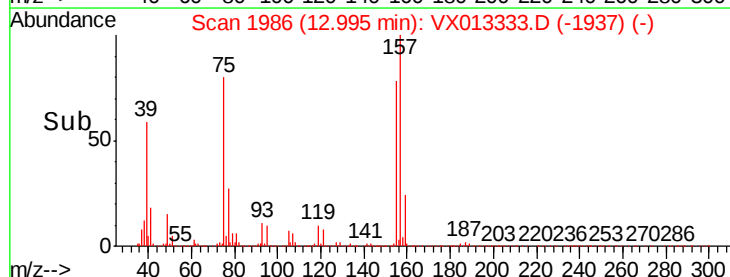
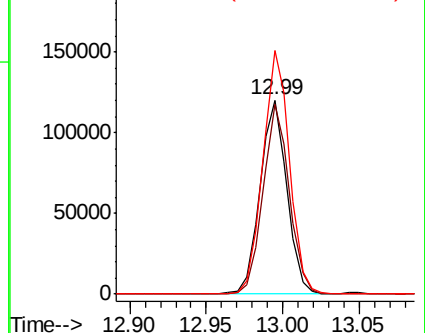
157 125.4 61.3 183.8

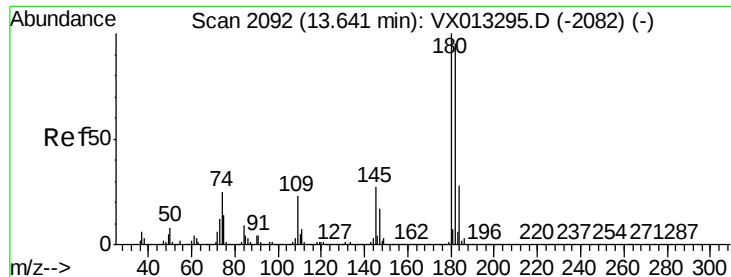


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

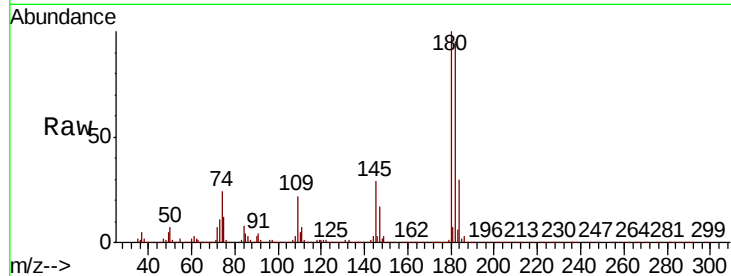




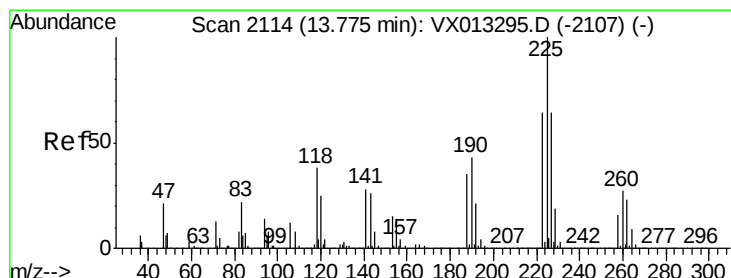
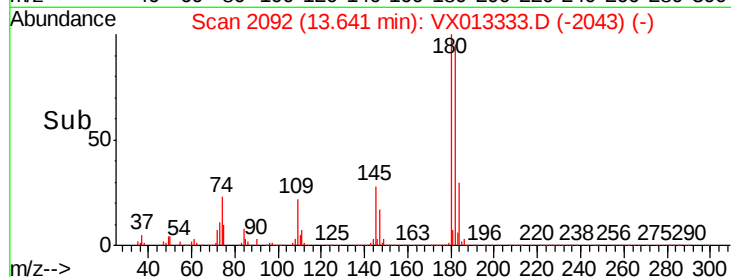
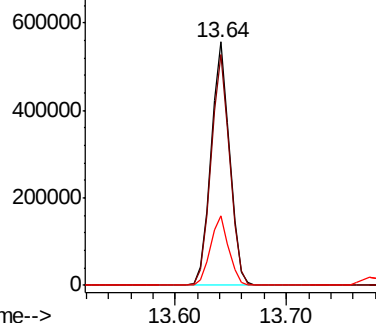
#93
 1,2,4-Trichlorobenzene
 Concen: 54.935 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX013333.D
 Acq: 06 Nov 2019 10:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:180 Resp: 642548
 Ion Ratio Lower Upper
 180 100
 182 95.0 48.4 145.0
 145 28.4 14.1 42.4

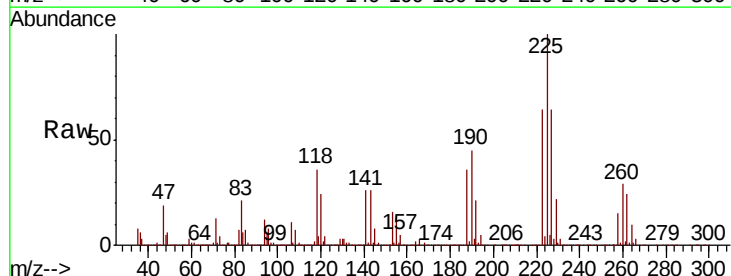


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

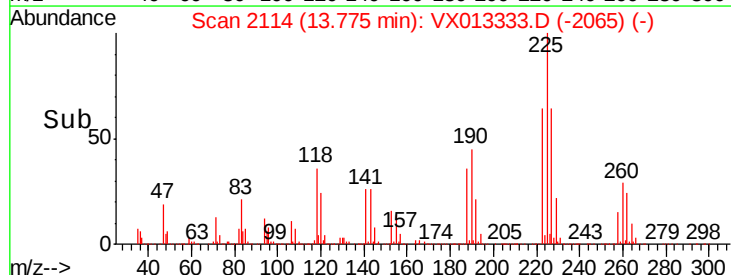
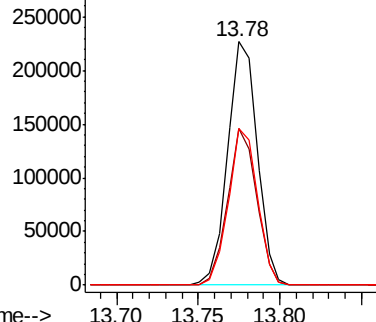


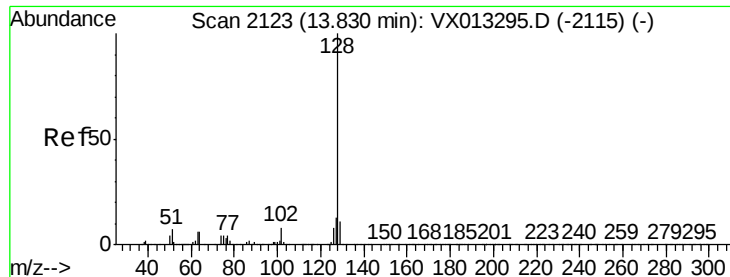
#94
 Hexachlorobutadiene
 Concen: 50.485 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VX013333.D
 Acq: 06 Nov 2019 10:15

Tgt Ion:225 Resp: 288892
 Ion Ratio Lower Upper
 225 100
 223 62.9 31.9 95.7
 227 63.0 31.9 95.9



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

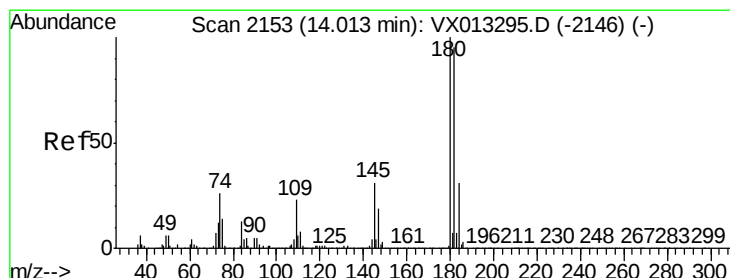
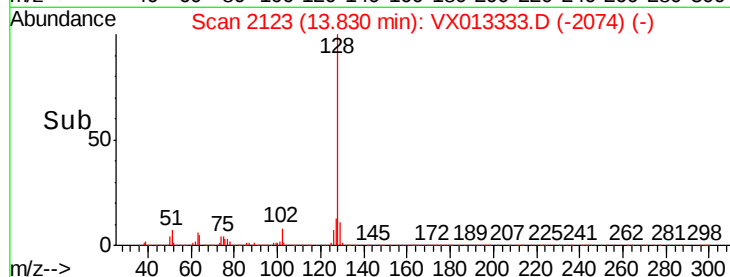
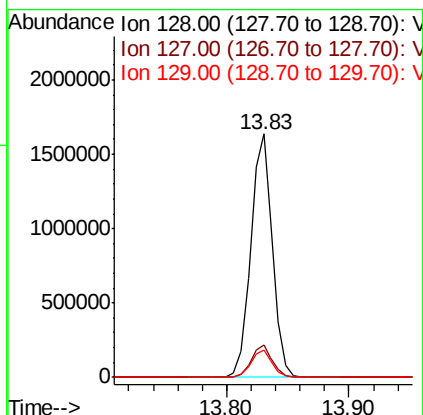
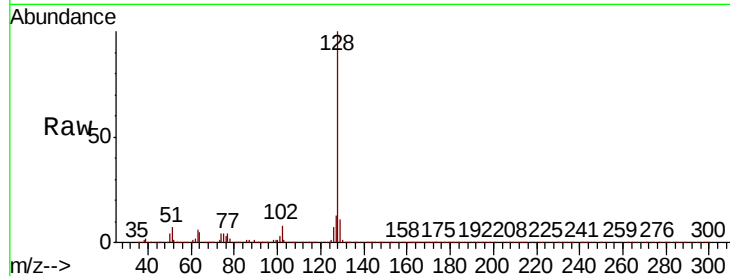




#95
Naphthalene
Concen: 54.635 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX013333.D
Acq: 06 Nov 2019 10:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 2004984
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.2
129 10.9 8.5 12.7



#96
1,2,3-Trichlorobenzene
Concen: 54.025 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX013333.D
Acq: 06 Nov 2019 10:15

Tgt Ion:180 Resp: 633718
Ion Ratio Lower Upper
180 100
182 96.6 48.0 144.2
145 30.0 15.4 46.4

