

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX112219\NOT REVIEWED DATA\
 Data File : VX013521.D
 Acq On : 22 Nov 2019 10:02
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Quant Time: Nov 22 17:50:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X111119W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Nov 12 01:16:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.00	128	129293	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	730760	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	646204	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.05	65	272498	28.54	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	95.13%
60) 4-Bromofluorobenzene	11.13	95	312393	30.08	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	100.27%
63) Toluene-d8	8.71	98	894388	30.61	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	102.03%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.19	85	187034	19.307 ug/l	99
3) Chloromethane	1.32	50	195406	18.508 ug/l	99
4) Vinyl Chloride	1.40	62	228503	19.047 ug/l	100
5) Bromomethane	1.63	94	121953	16.910 ug/l	98
6) Chloroethane	1.72	64	119532	18.126 ug/l	98
7) Trichlorofluoromethane	1.92	101	244453	18.928 ug/l	96
8) Diethyl Ether	2.17	74	110744	18.780 ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	155205	19.974 ug/l	99
10) 1,1-Dichloroethene	2.36	96	149860	18.767 ug/l	97
11) Methyl Iodide	2.50	142	153415	15.560 ug/l	100
12) Methyl Acetate	2.76	43	256497	18.331 ug/l	98
13) Acrolein	2.28	56	123459	83.065 ug/l	99
14) Acrylonitrile	3.12	53	454765	88.385 ug/l	97
15) Acetone	2.43	58	155117	99.540 ug/l	95
16) Carbon Disulfide	2.56	76	406151	18.236 ug/l	100
17) Allyl chloride	2.72	41	270231	18.377 ug/l	96
18) Methylene Chloride	2.84	84	167619	18.501 ug/l	98
19) trans-1,2-Dichloroethene	3.15	96	162368	19.026 ug/l	98
20) Diisopropyl ether	3.84	45	532825	18.834 ug/l	91
21) 1,1-Dichloroethane	3.69	63	286504	18.593 ug/l	98
22) cis-1,2-Dichloroethene	4.58	96	186085	19.126 ug/l	97
23) tert-Butyl Alcohol	3.02	59	207346	83.737 ug/l	100
24) Methyl tert-Butyl Ether	3.18	73	491584	18.601 ug/l	100
25) Chloroform	5.20	83	283224	18.778 ug/l	96
26) Cyclohexane	5.56	56	265945	19.005 ug/l #	98
29) 1,1-Dichloropropene	5.79	75	217316	19.470 ug/l	99
30) 2-Butanone	4.65	43	707160	95.987 ug/l	99
31) 2,2-Dichloropropane	4.57	77	238972	19.770 ug/l	100
32) 1,1,1-Trichloroethane	5.48	97	236958	19.100 ug/l	99
33) Carbon Tetrachloride	5.77	117	204658	18.992 ug/l	99
34) Benzene	6.13	78	656161	19.381 ug/l	99
35) Methacrylonitrile	5.03	41	138275	18.795 ug/l	97
36) 1,2-Dichloroethane	6.18	62	222387	18.767 ug/l	100
37) Trichloroethene	7.20	130	181314	19.991 ug/l	96
38) Methylcyclohexane	7.45	83	274370	20.048 ug/l	99
39) 1,2-Dichloropropane	7.50	63	166070	18.971 ug/l	98
40) Dibromomethane	7.65	93	109156	18.737 ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.89	83	216364	19.025	ug/l	96
42) Vinyl Acetate	3.80	43	2204779	95.055	ug/l	100
43) Ethyl Acetate	4.81	43	248732	18.511	ug/l #	83
44) Isopropyl Acetate	6.43	43	398632	18.456	ug/l	98
45) 1,4-Dioxane	7.73	88	83533	350.297	ug/l	98
46) Methyl methacrylate	7.76	41	197222	18.357	ug/l	98
47) n-amyl Acetate	10.89	43	341343	18.017	ug/l	99
48) t-1,3-Dichloropropene	9.03	75	238582	18.709	ug/l	99
49) cis-1,3-Dichloropropene	8.43	75	264599	18.936	ug/l	97
50) 1,1,2-Trichloroethane	9.21	97	171017	19.838	ug/l	95
51) Ethyl methacrylate	9.17	69	266457	18.773	ug/l	97
52) 1,3-Dichloropropane	9.36	76	282073	19.140	ug/l	99
53) Dibromochloromethane	9.57	129	170451	18.656	ug/l	99
54) 1,2-Dibromoethane	9.67	107	175465	19.035	ug/l	98
55) 2-Chloroethyl vinyl ether	8.30	63	538172	88.738	ug/l	99
56) Bromoform	10.85	173	130809	17.990	ug/l	100
58) 4-Methyl-2-Pentanone	8.63	43	1262721	93.539	ug/l	99
59) 2-Hexanone	9.48	43	1006233	94.207	ug/l	99
61) Tetrachloroethene	9.33	164	162815	20.432	ug/l	98
62) Toluene	8.78	91	708063	19.671	ug/l	100
64) Chlorobenzene	10.14	112	440789	19.585	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.21	131	163556	19.414	ug/l	98
66) Ethyl Benzene	10.25	91	780000	19.725	ug/l	100
67) m/p-Xylenes	10.35	106	594407	38.968	ug/l	98
68) o-Xylene	10.70	106	292280	19.855	ug/l	96
69) Styrene	10.71	104	487633	19.399	ug/l	99
70) Isopropylbenzene	11.01	105	772246	19.908	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.26	83	264082	19.014	ug/l	99
72) 1,2,3-Trichloropropane	11.29	75	294750	25.133	ug/l	79
73) Bromobenzene	11.25	156	199778	19.529	ug/l	98
74) n-propylbenzene	11.35	91	876813	19.890	ug/l	100
75) 2-Chlorotoluene	11.42	91	518282	19.771	ug/l	99
76) 1,3,5-Trimethylbenzene	11.50	105	649399	19.917	ug/l	99
77) t-1,4-Dichloro-2-butene	11.07	75	84400	17.799	ug/l	99
78) 4-Chlorotoluene	11.51	91	582509	19.395	ug/l	100
79) tert-butylbenzene	11.76	119	635022	19.303	ug/l	98
80) 1,2,4-Trimethylbenzene	11.80	105	641466	19.742	ug/l	100
81) sec-Butylbenzene	11.94	105	745918	19.873	ug/l	99
82) p-Isopropyltoluene	12.06	119	687440	19.879	ug/l	99
83) 1,3-Dichlorobenzene	12.02	146	346325	19.256	ug/l	99
84) 1,4-Dichlorobenzene	12.09	146	351921	19.713	ug/l	98
85) n-Butylbenzene	12.39	91	583537	19.551	ug/l	99
86) Hexachloroethane	12.59	117	119806	18.879	ug/l	100
87) 1,2-Dichlorobenzene	12.39	146	347964	19.349	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.99	75	55347	17.819	ug/l	99
89) 1,2,4-Trichlorobenzene	13.64	180	236511	19.074	ug/l	97
90) Hexachlorobutadiene	13.78	225	114676	19.299	ug/l	95
91) Naphthalene	13.83	128	735329	18.729	ug/l	100
92) 1,2,3-Trichlorobenzene	14.01	180	242741	19.371	ug/l	99

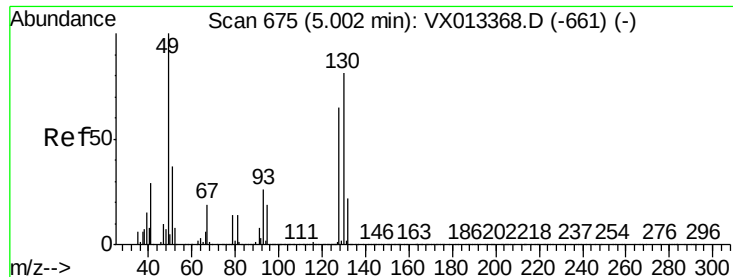
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.00 min Scan# 675

Delta R.T. 0.00 min

Lab File: VX013521.D

Acq: 22 Nov 2019 10:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

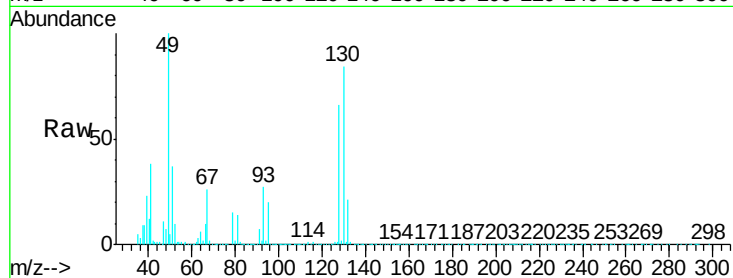
Tgt Ion:128 Resp: 129293

Ion Ratio Lower Upper

128 100

49 155.6 0.0 388.3

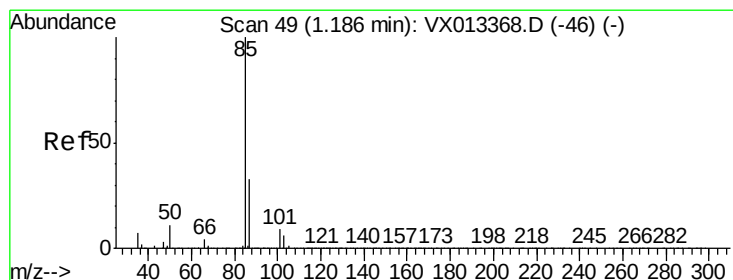
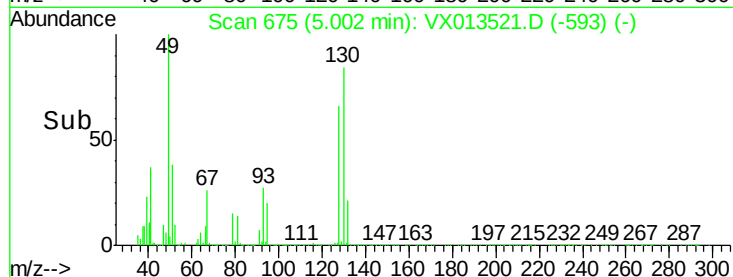
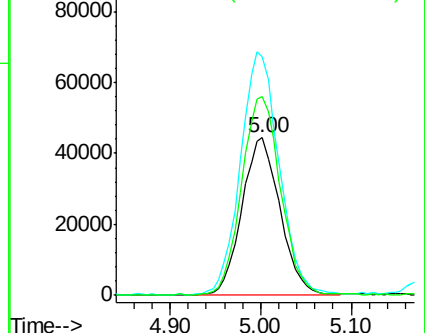
130 127.9 0.0 318.5



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 19.307 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.00 min

Lab File: VX013521.D

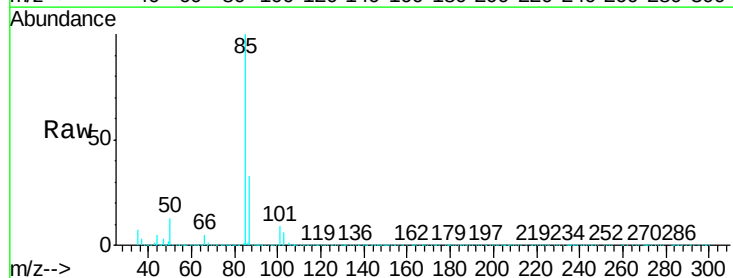
Acq: 22 Nov 2019 10:02

Tgt Ion: 85 Resp: 187034

Ion Ratio Lower Upper

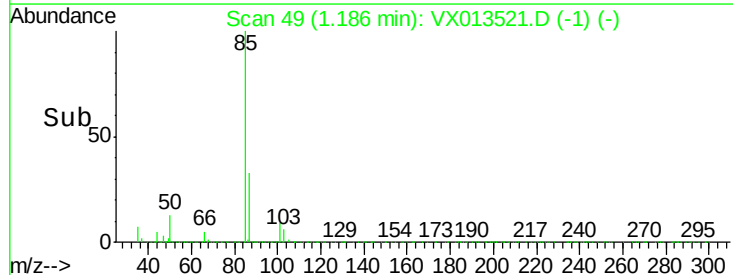
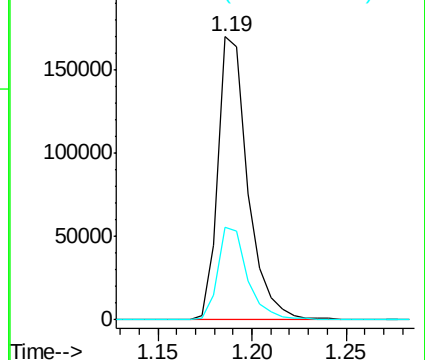
85 100

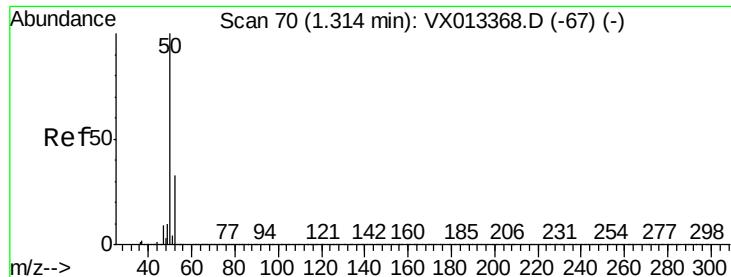
87 32.8 16.6 49.7



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

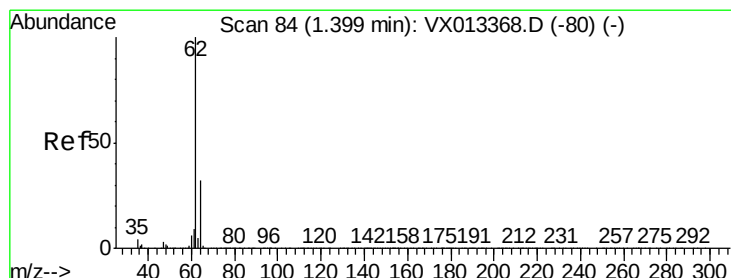
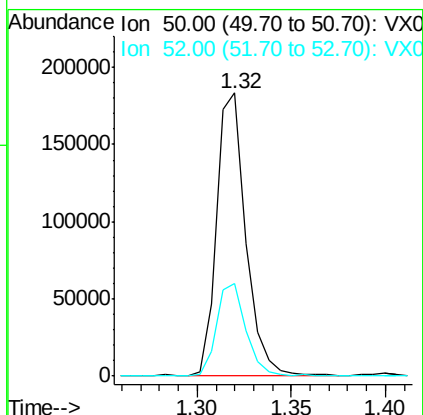
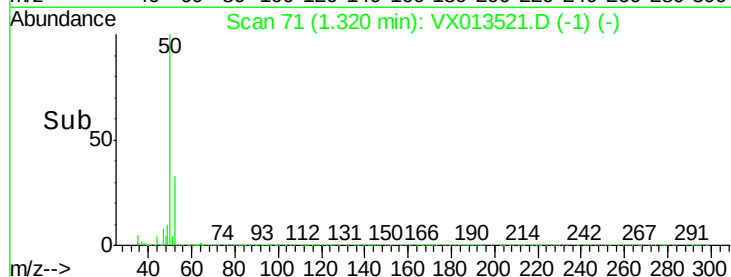
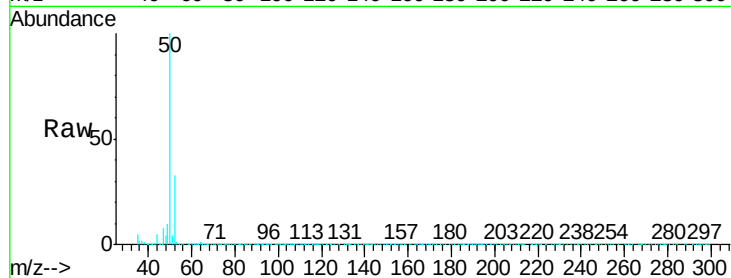




#3
Chloromethane
Concen: 18.508 ug/l
RT: 1.32 min Scan# 71
Delta R.T. 0.01 min
Lab File: VX013521.D
Acq: 22 Nov 2019 10:02

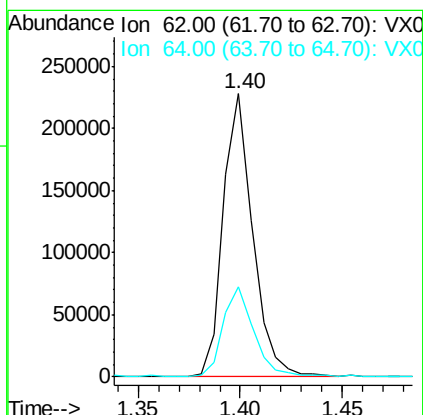
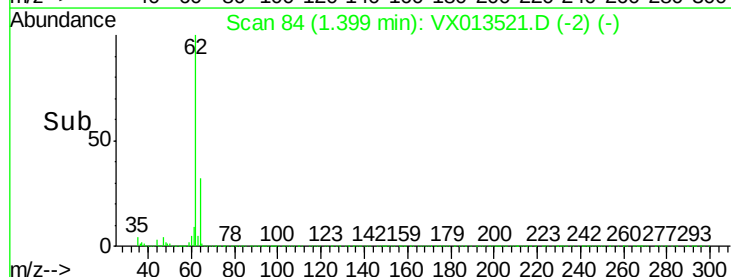
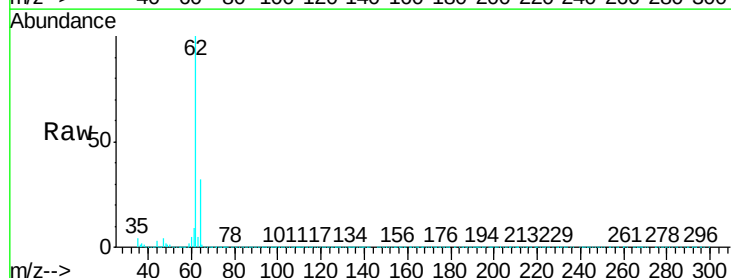
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

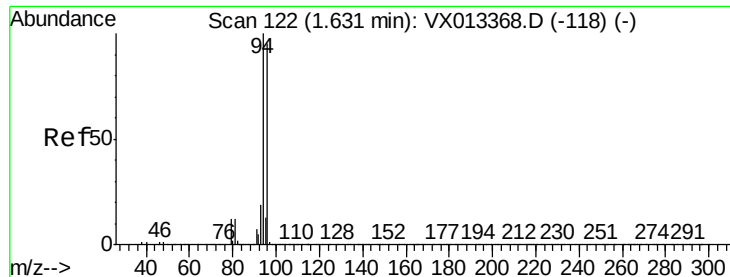
Tgt Ion: 50 Resp: 195406
Ion Ratio Lower Upper
50 100
52 32.7 26.6 40.0



#4
Vinyl Chloride
Concen: 19.047 ug/l
RT: 1.40 min Scan# 84
Delta R.T. 0.00 min
Lab File: VX013521.D
Acq: 22 Nov 2019 10:02

Tgt Ion: 62 Resp: 228503
Ion Ratio Lower Upper
62 100
64 31.7 25.4 38.2





#5

Bromomethane

Concen: 16.910 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX013521.D

Acq: 22 Nov 2019 10:02

Instrument :

MSVOA_X

ClientSampleId :

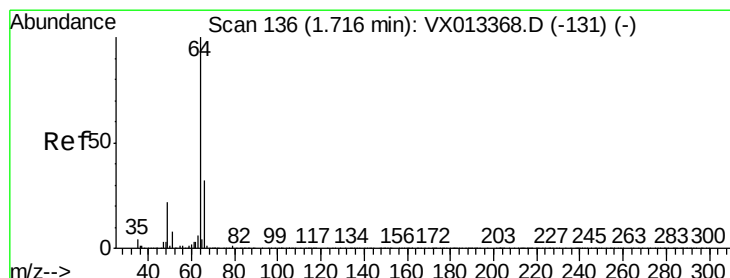
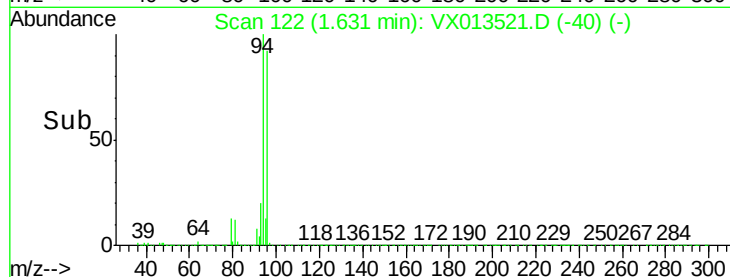
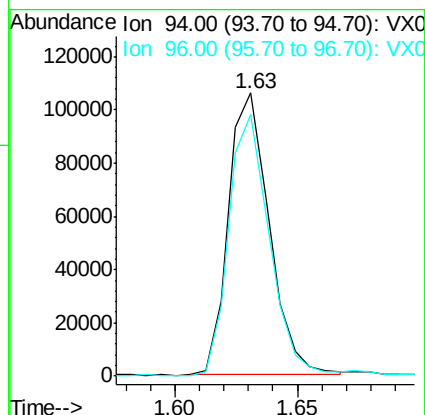
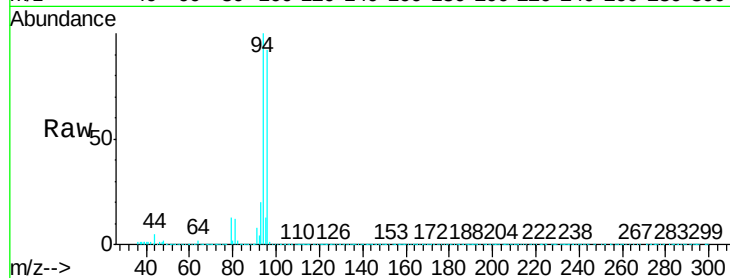
VSTDCCC020

Tgt Ion: 94 Resp: 121953

Ion Ratio Lower Upper

94 100

96 92.7 75.7 113.5



#6

Chloroethane

Concen: 18.126 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.00 min

Lab File: VX013521.D

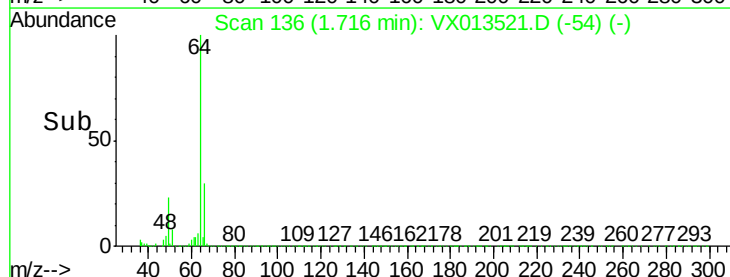
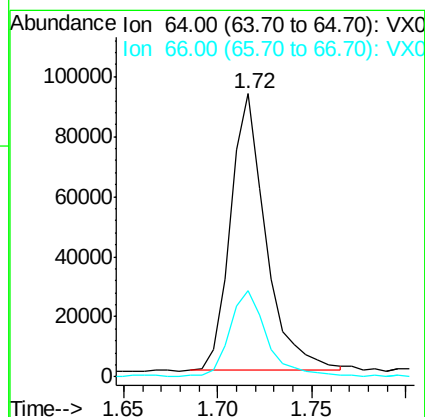
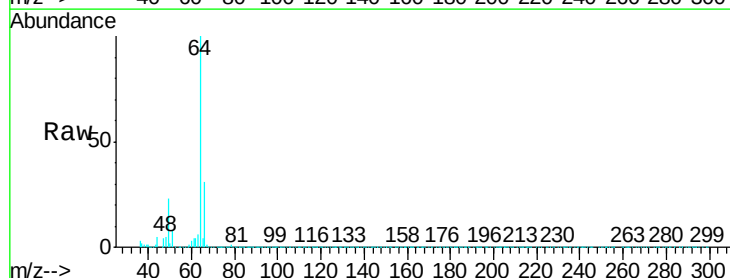
Acq: 22 Nov 2019 10:02

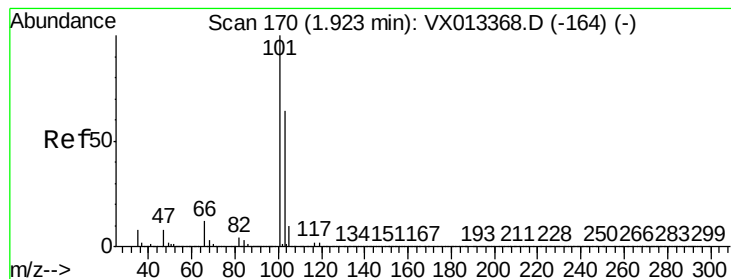
Tgt Ion: 64 Resp: 119532

Ion Ratio Lower Upper

64 100

66 30.9 25.5 38.3



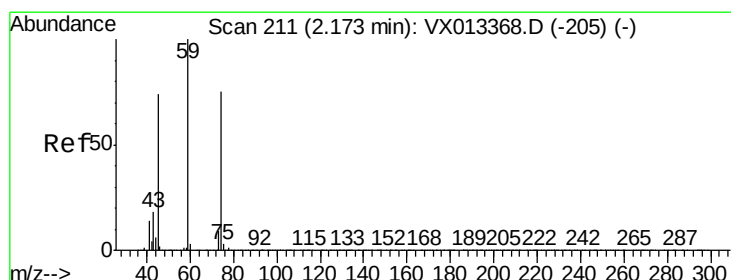
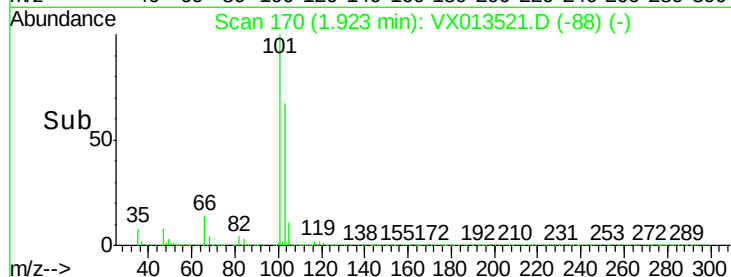
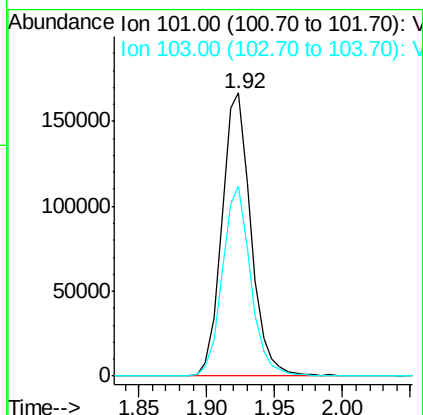
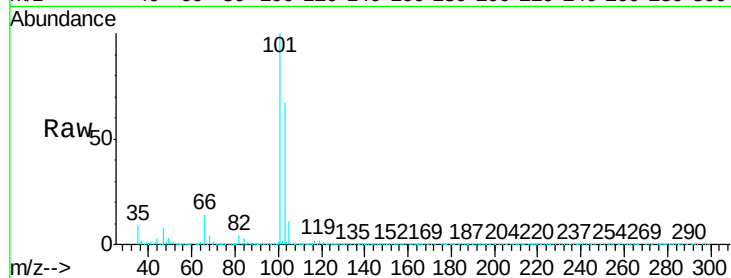


#7

Trichlorofluoromethane
Concen: 18.928 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX013521.D
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Instrument :
MSVOA_X
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VSTDCCC020

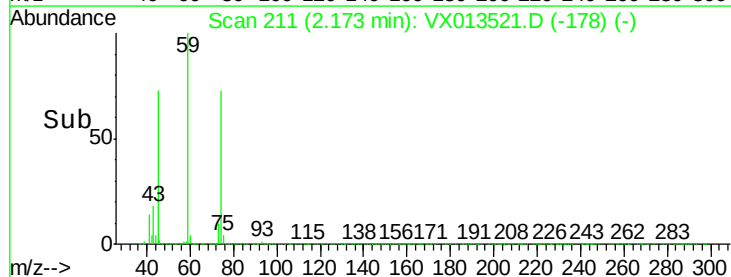
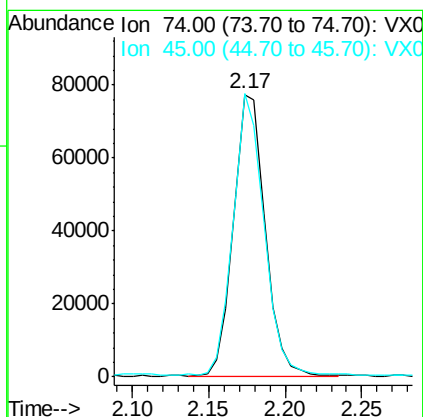
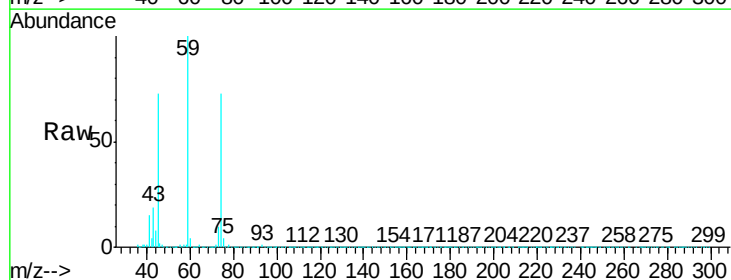
Tgt Ion: 101 Resp: 244453
Ion Ratio Lower Upper
101 100
103 67.1 51.2 76.8

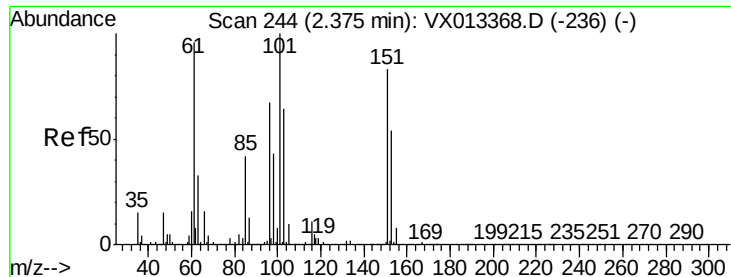


#8

Diethyl Ether
Concen: 18.780 ug/l
RT: 2.17 min Scan# 211
Delta R.T. 0.00 min
Lab File: VX013521.D
Acq: 22 Nov 2019 10:02

Tgt Ion: 74 Resp: 110744
Ion Ratio Lower Upper
74 100
45 98.2 19.5 175.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.974 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.00 min

Lab File: VX013521.D

Acq: 22 Nov 2019 10:02

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC020

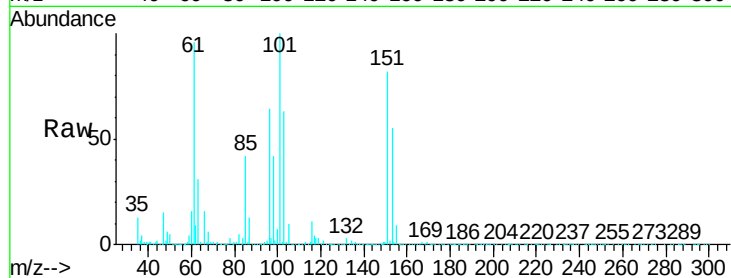
Tgt Ion: 101 Resp: 155205

Ion Ratio Lower Upper

101 100

85 40.7 0.0 83.2

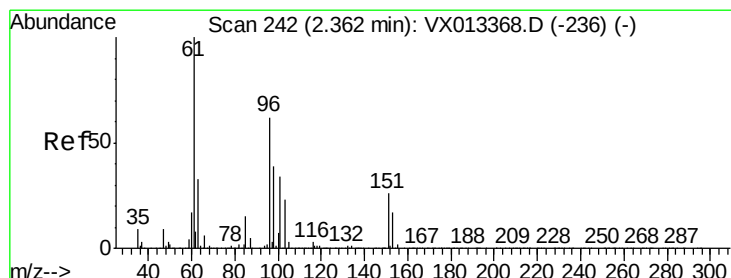
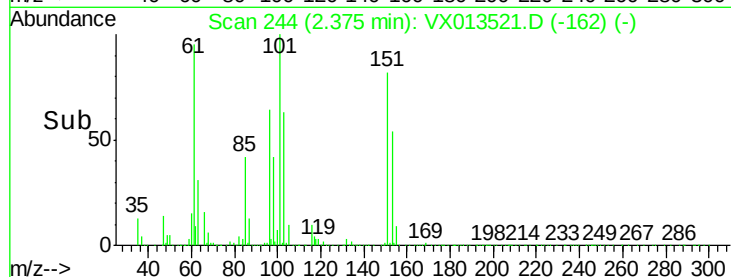
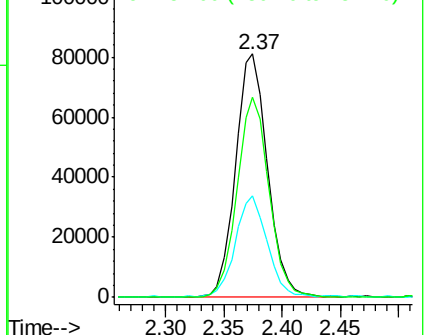
151 82.0 0.0 163.8



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 18.767 ug/l

RT: 2.36 min Scan# 242

Delta R.T. 0.00 min

Lab File: VX013521.D

Acq: 22 Nov 2019 10:02

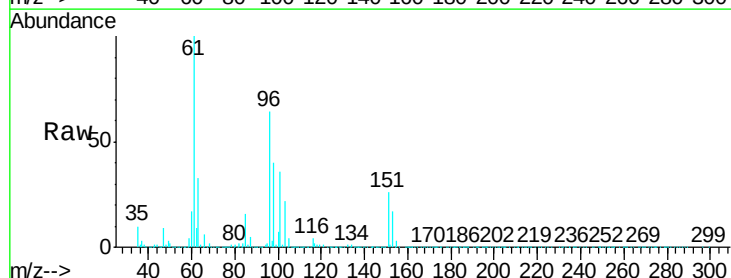
Tgt Ion: 96 Resp: 149860

Ion Ratio Lower Upper

96 100

61 157.2 128.9 193.3

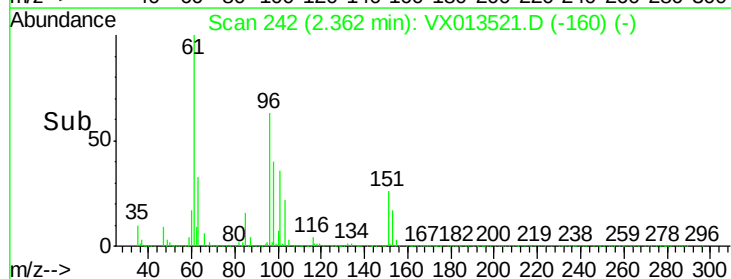
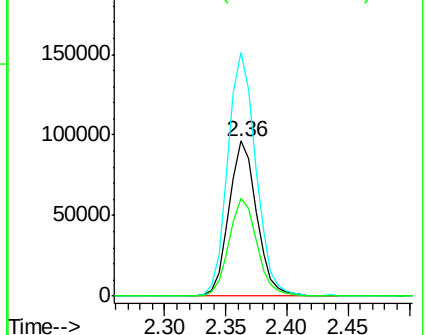
98 63.5 49.7 74.5

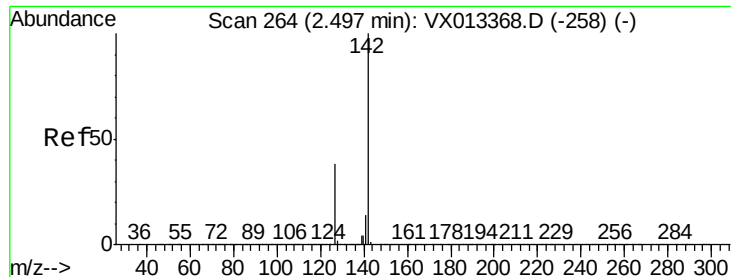


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

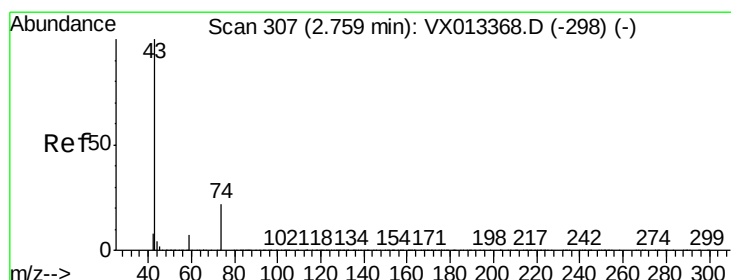
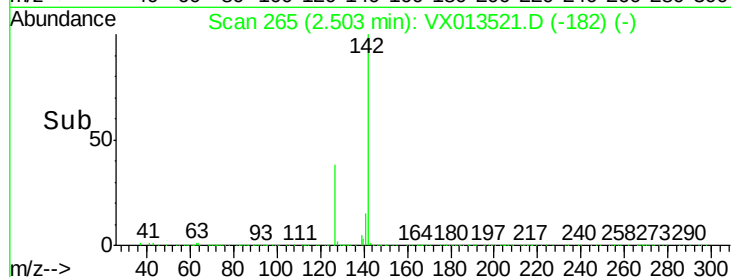
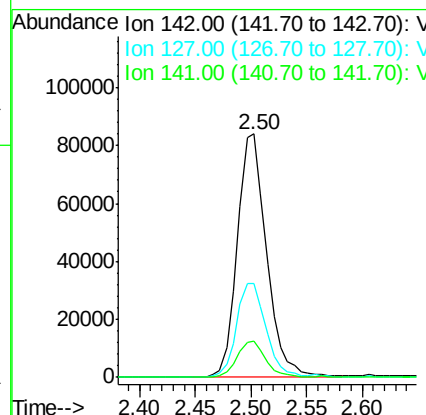
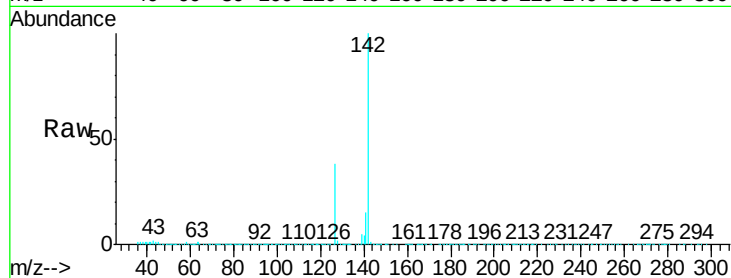




#11
Methyl Iodide
Concen: 15.560 ug/l
RT: 2.50 min Scan# 265
Delta R.T. 0.01 min
Lab File: VX013521.D
Acq: 22 Nov 2019 10:02

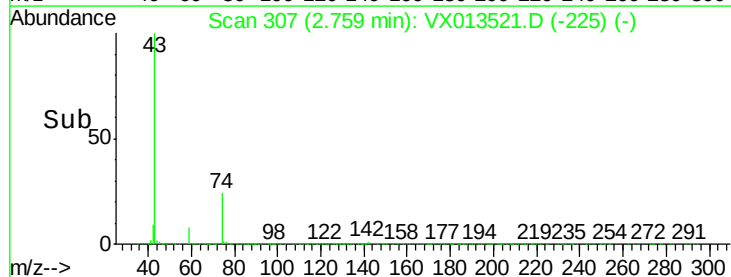
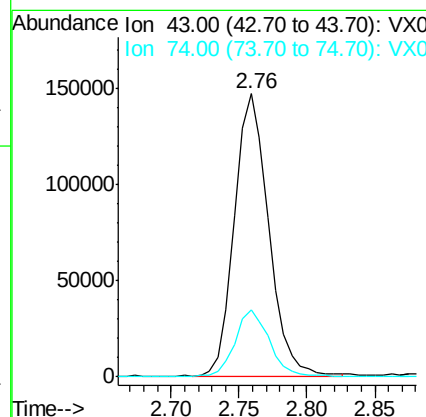
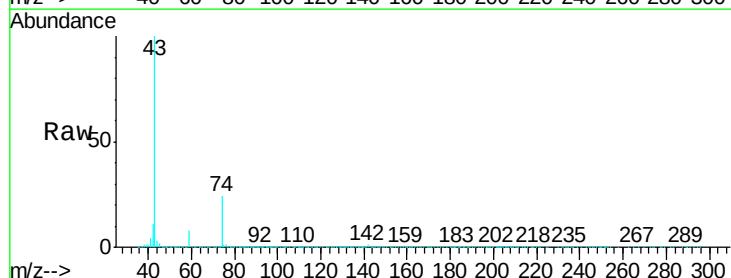
Instrument :
MSVOA_X
ClientSampled :
VSTDCCC020

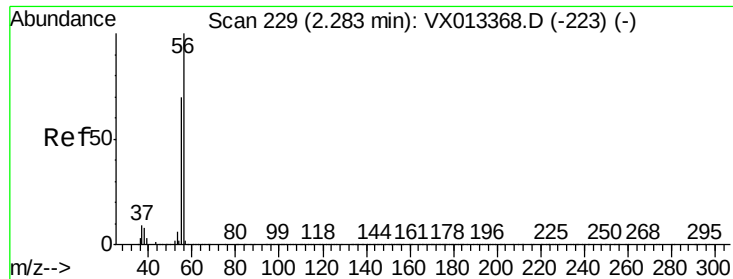
Tgt Ion	Ratio	Lower	Upper
142	100		
127	38.3	19.1	57.5
141	14.5	7.0	21.0



#12
Methyl Acetate
Concen: 18.331 ug/l
RT: 2.76 min Scan# 307
Delta R.T. 0.00 min
Lab File: VX013521.D
Acq: 22 Nov 2019 10:02

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.5	18.0	27.0

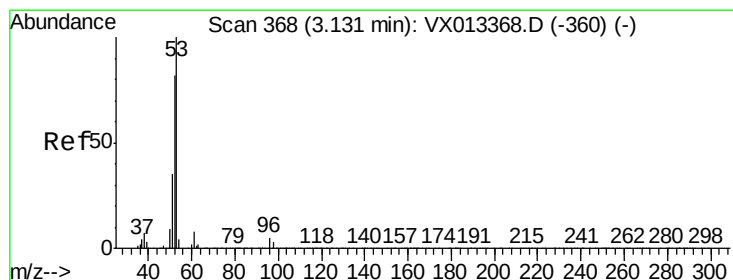
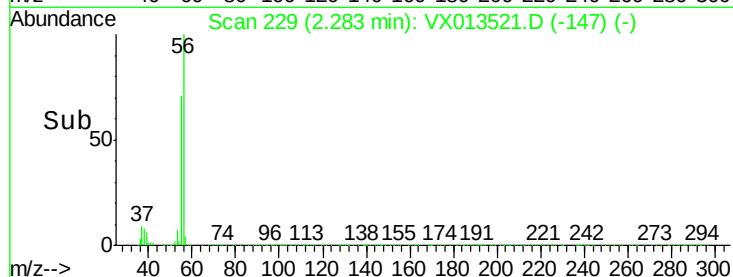
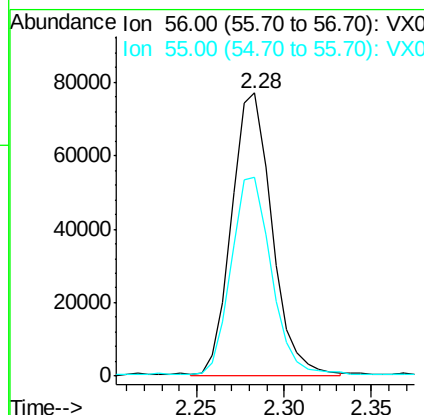
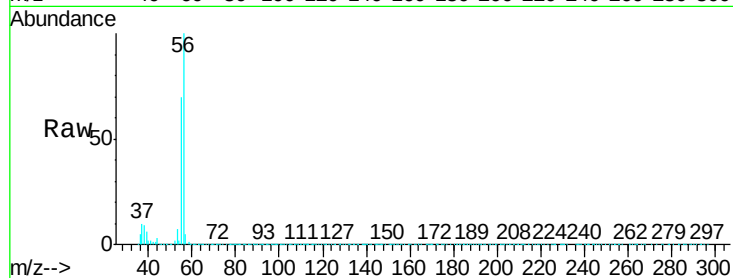




#13
Acrolein
Concen: 83.065 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX013521.D
Acq: 22 Nov 2019 10:02

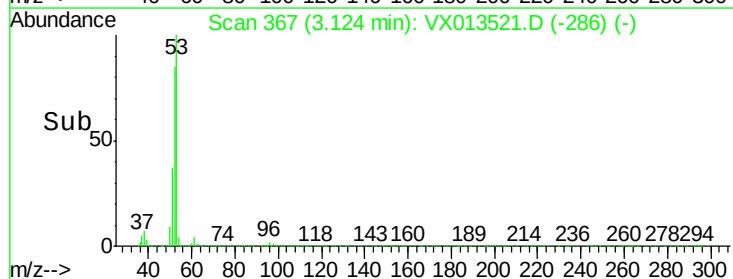
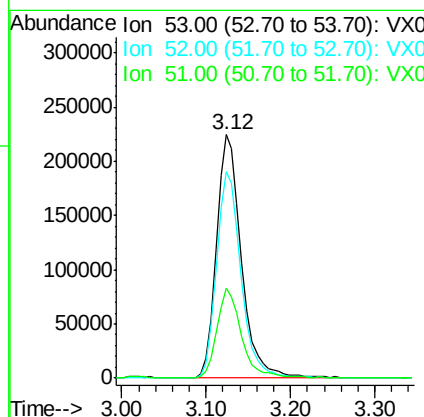
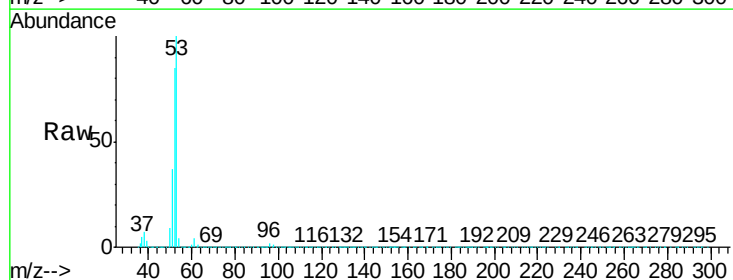
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

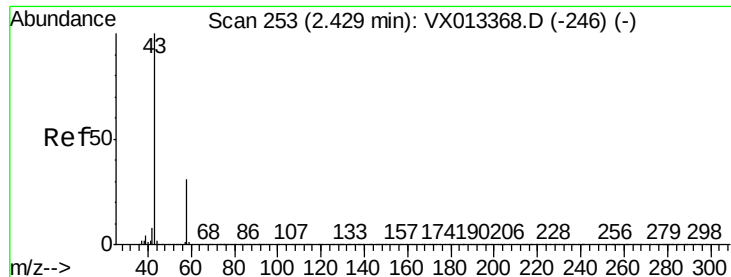
Tgt Ion: 56 Resp: 123459
Ion Ratio Lower Upper
56 100
55 70.8 55.8 83.8



#14
Acrylonitrile
Concen: 88.385 ug/l
RT: 3.12 min Scan# 367
Delta R.T. -0.01 min
Lab File: VX013521.D
Acq: 22 Nov 2019 10:02

Tgt Ion: 53 Resp: 454765
Ion Ratio Lower Upper
53 100
52 84.0 41.0 123.0
51 36.5 17.3 51.9

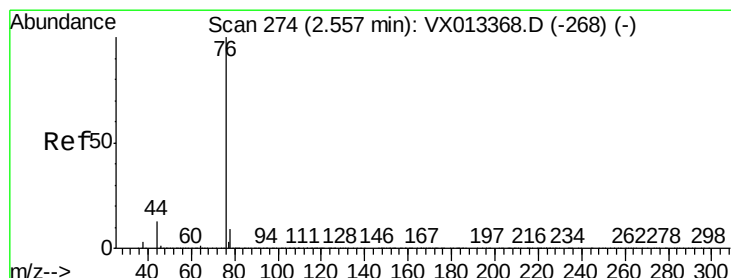
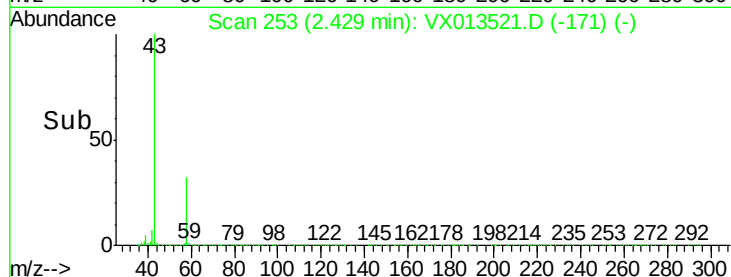
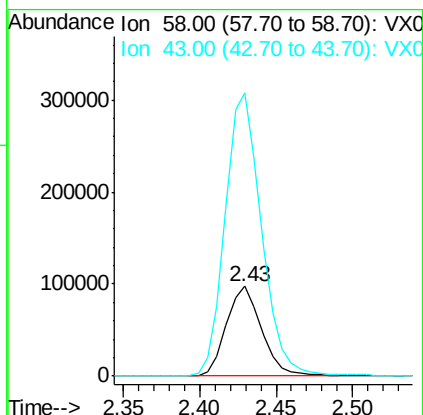
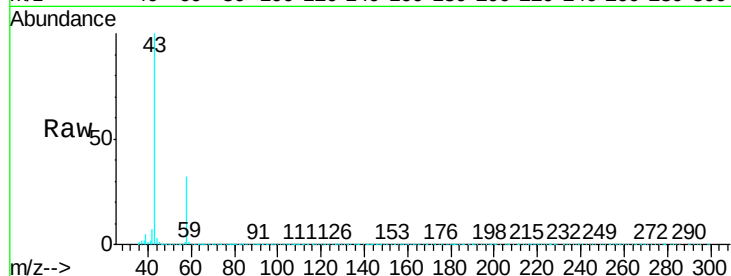




#15
Acetone
Concen: 99.540 ug/l
RT: 2.43 min Scan# 253
Delta R.T. 0.00 min
Lab File: VX013521.D
Acq: 22 Nov 2019 10:02

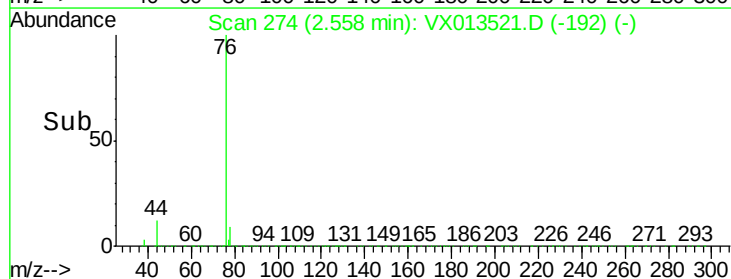
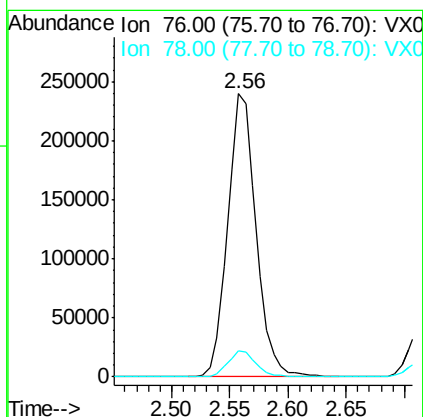
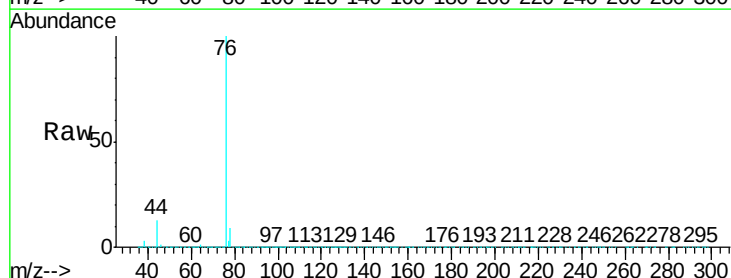
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

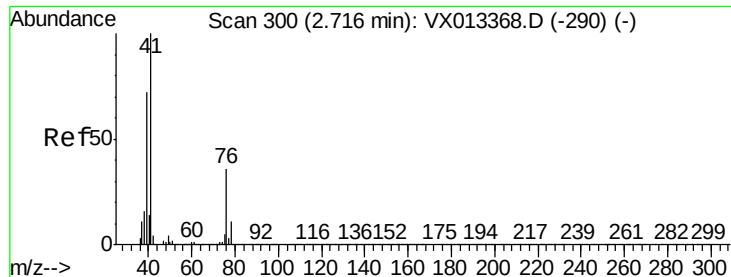
Tgt Ion: 58 Resp: 155117
Ion Ratio Lower Upper
58 100
43 316.2 261.4 392.2



#16
Carbon Disulfide
Concen: 18.236 ug/l
RT: 2.56 min Scan# 274
Delta R.T. 0.00 min
Lab File: VX013521.D
Acq: 22 Nov 2019 10:02

Tgt Ion: 76 Resp: 406151
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.0

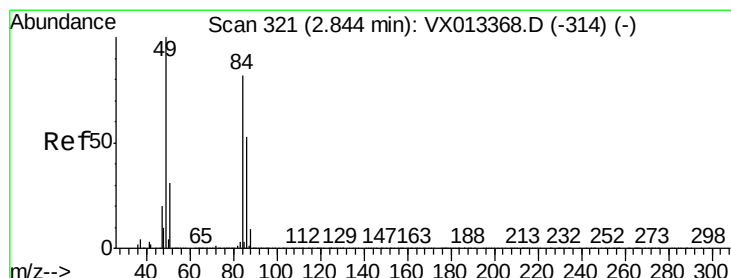
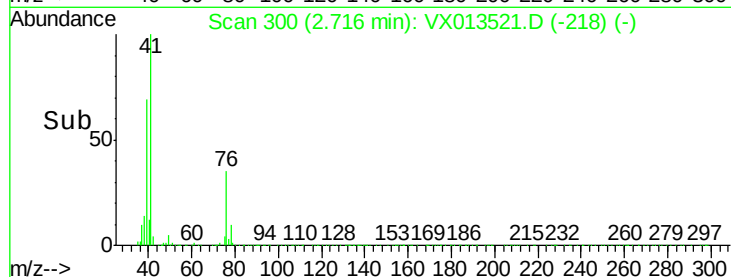
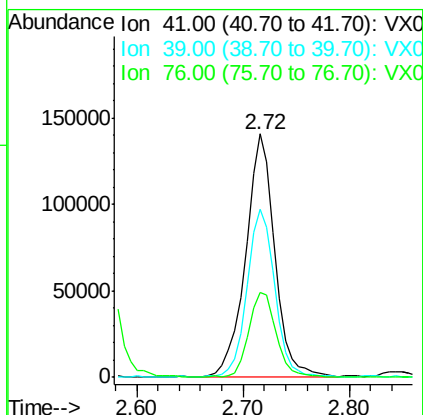
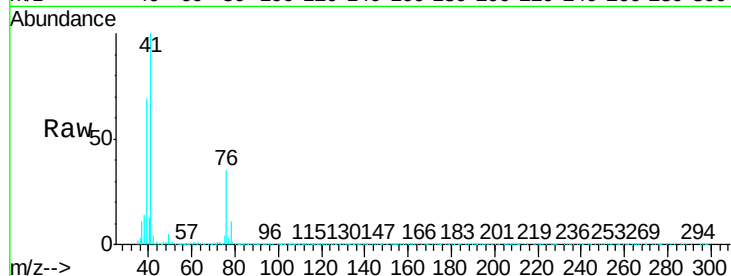




#17
 Allyl chloride
 Concen: 18.377 ug/l
 RT: 2.72 min Scan# 300
 Delta R.T. 0.00 min
 Lab File: VX013521.D
 Acq: 22 Nov 2019 10:02

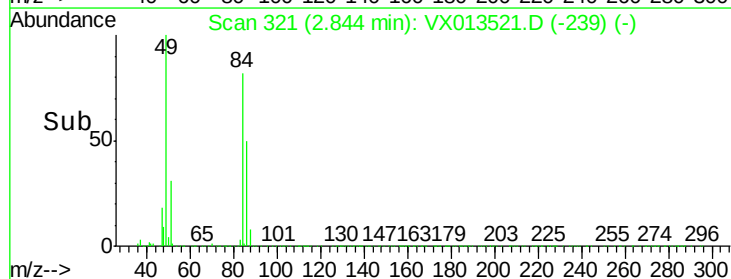
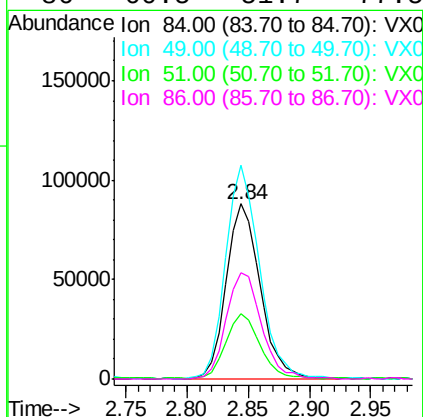
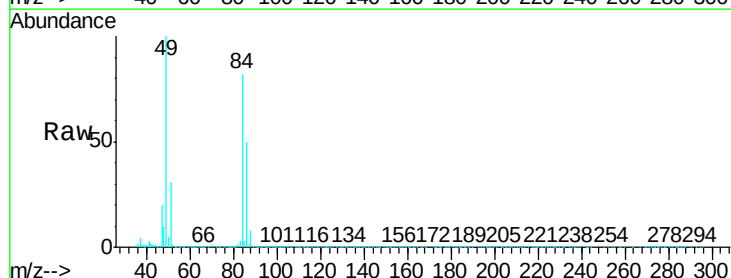
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

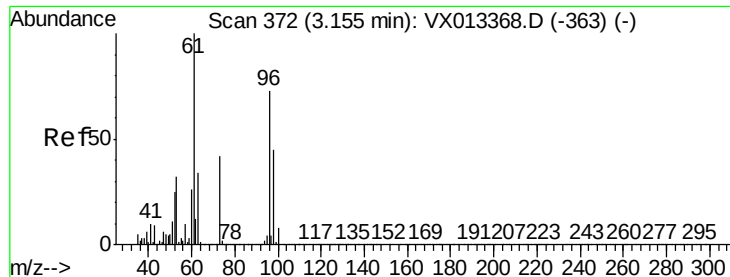
Tgt Ion	Ratio	Lower	Upper
41	100		
39	69.0	36.1	108.3
76	34.6	18.1	54.4



#18
 Methylene Chloride
 Concen: 18.501 ug/l
 RT: 2.84 min Scan# 321
 Delta R.T. 0.00 min
 Lab File: VX013521.D
 Acq: 22 Nov 2019 10:02

Tgt Ion	Ratio	Lower	Upper
84	100		
49	121.7	96.8	145.2
51	37.3	30.0	45.0
86	60.5	51.7	77.5





#19

trans-1,2-Dichloroethene

Concen: 19.026 ug/l

RT: 3.15 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX013521.D

Acq: 22 Nov 2019 10:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

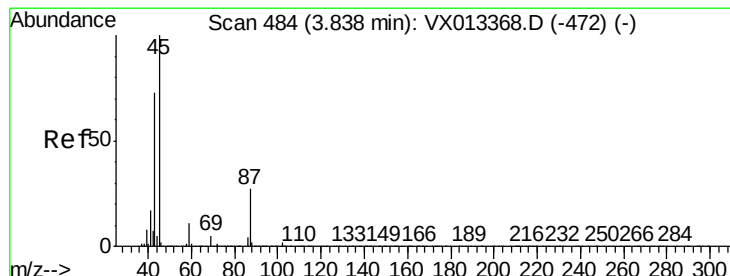
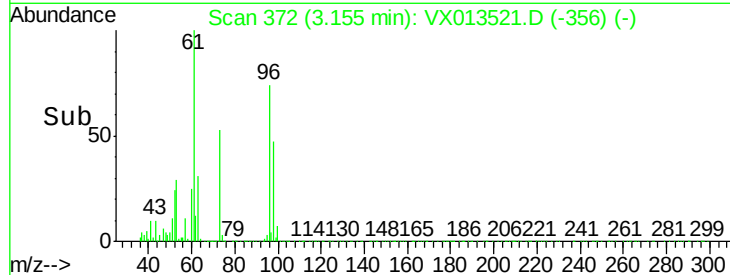
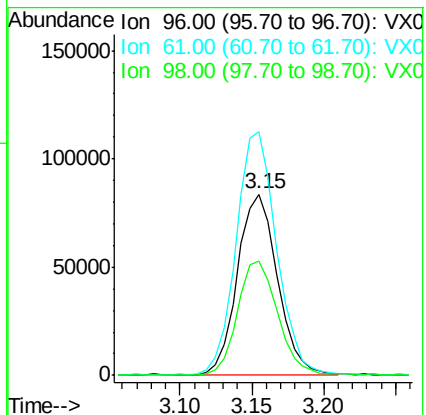
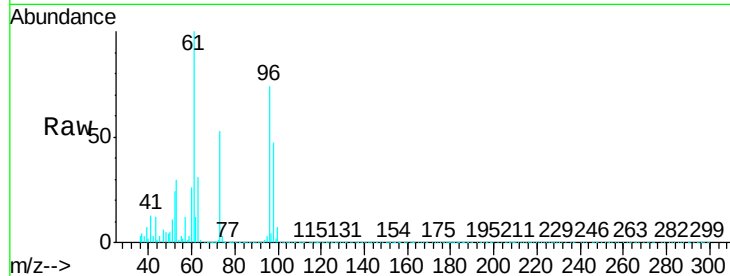
Tgt Ion: 96 Resp: 162368

Ion Ratio Lower Upper

96 100

61 134.0 109.9 164.9

98 62.8 49.7 74.5



#20

Diisopropyl ether

Concen: 18.834 ug/l

RT: 3.84 min Scan# 484

Delta R.T. 0.00 min

Lab File: VX013521.D

Acq: 22 Nov 2019 10:02

Tgt Ion: 45 Resp: 532825

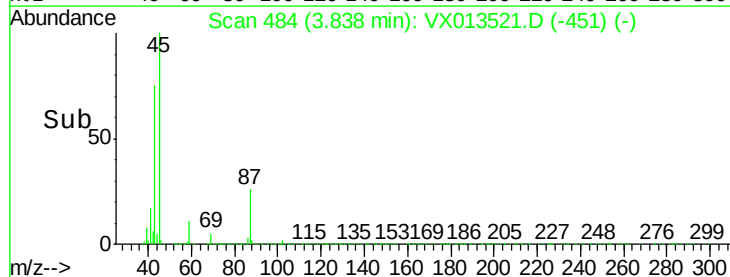
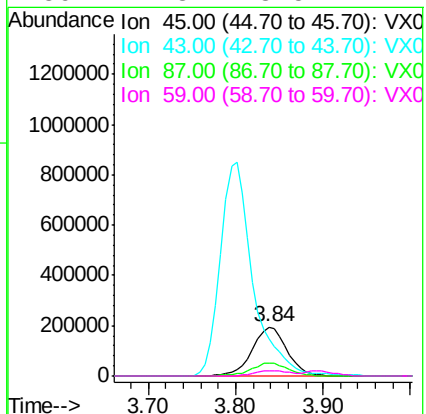
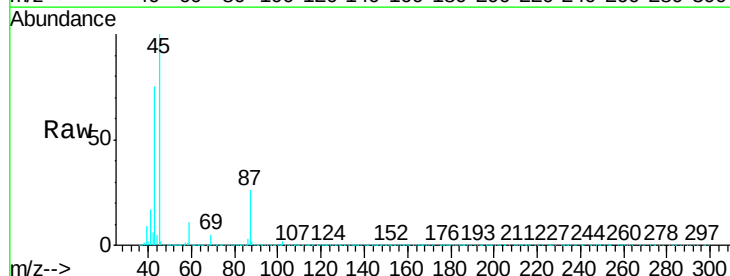
Ion Ratio Lower Upper

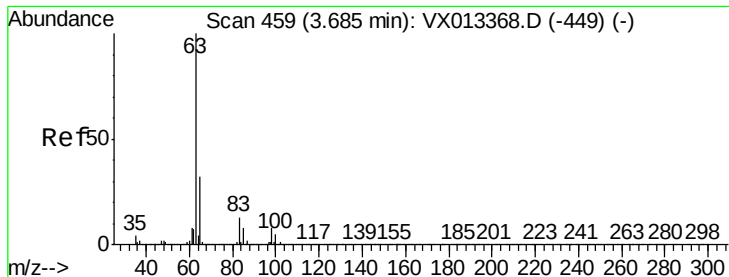
45 100

43 74.2 67.7 101.5

87 25.5 21.5 32.3

59 11.3 8.5 12.7





#21

1,1-Dichloroethane

Concen: 18.593 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX013521.D

Acq: 22 Nov 2019 10:02

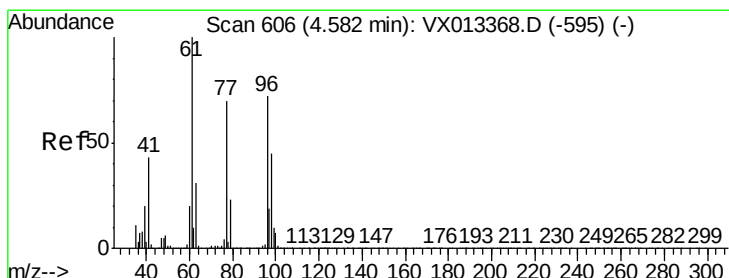
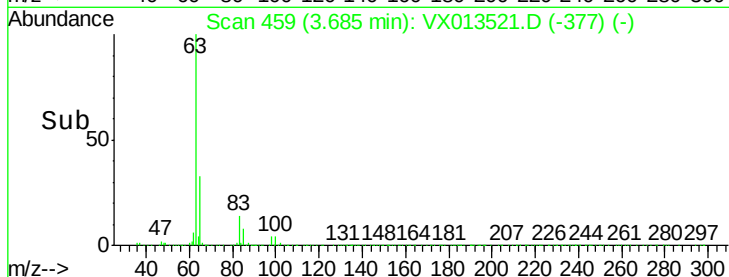
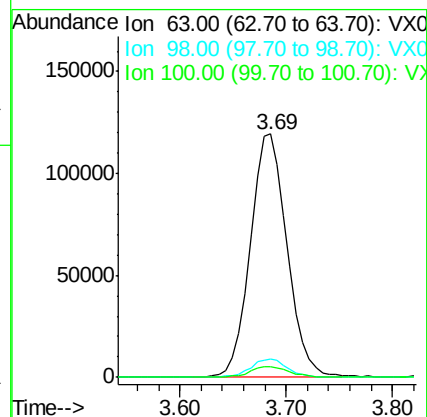
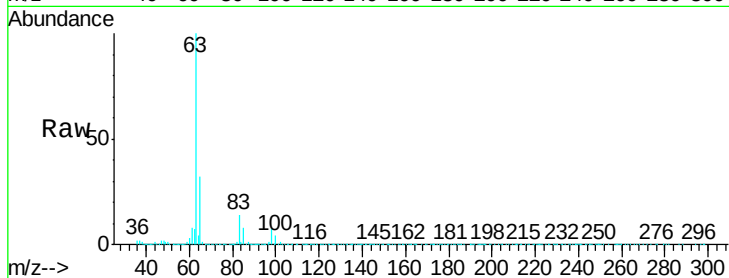
Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion:	63	Resp:	286504
Ion	Ratio	Lower	Upper
63	100		
98	7.3	4.0	11.9
100	4.4	2.5	7.5



#22

cis-1,2-Dichloroethene

Concen: 19.126 ug/l

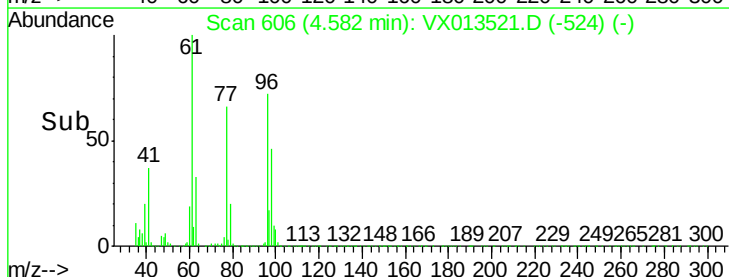
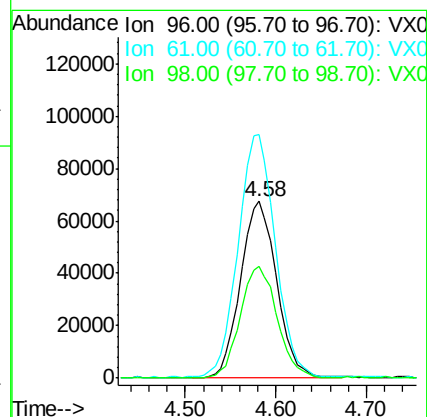
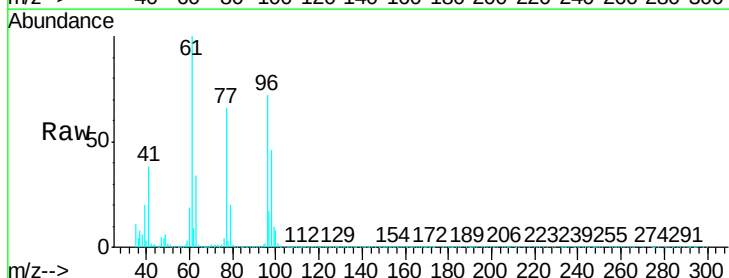
RT: 4.58 min Scan# 606

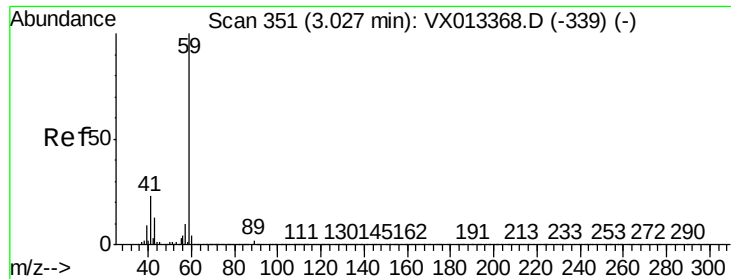
Delta R.T. 0.00 min

Lab File: VX013521.D

Acq: 22 Nov 2019 10:02

Tgt Ion:	96	Resp:	186085
Ion	Ratio	Lower	Upper
96	100		
61	140.4	117.0	175.6
98	64.1	51.1	76.7





#23

tert-Butyl Alcohol

Concen: 83.737 ug/l

RT: 3.02 min Scan# 350

Delta R.T. -0.01 min

Lab File: VX013521.D

Acq: 22 Nov 2019 10:02

Instrument :

MSVOA_X

ClientSampleId :

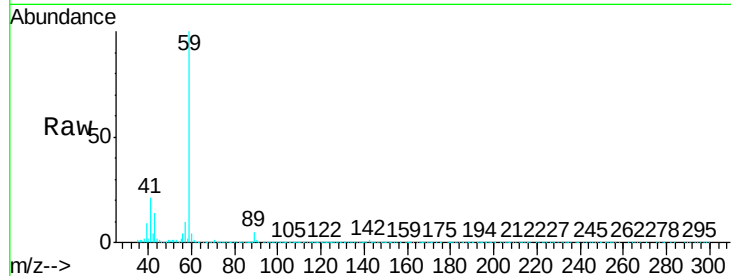
VSTDCCC020

Tgt Ion: 59 Resp: 207346

Ion Ratio Lower Upper

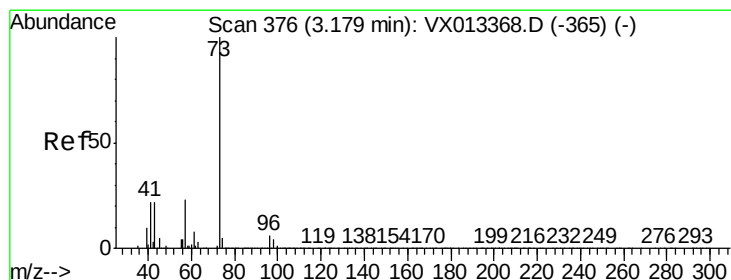
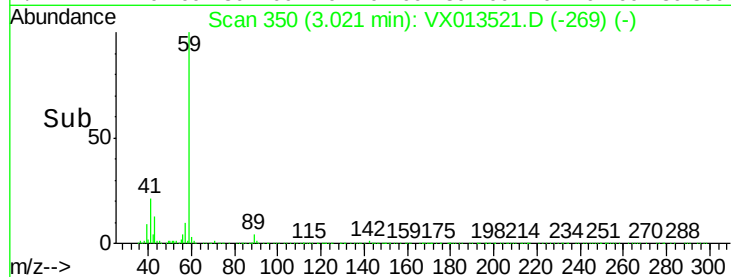
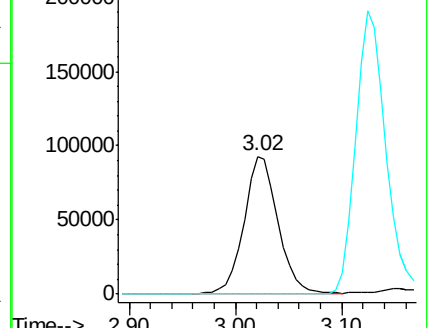
59 100

52 0.1 0.1 0.1



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#24

Methyl tert-Butyl Ether

Concen: 18.601 ug/l

RT: 3.18 min Scan# 376

Delta R.T. 0.00 min

Lab File: VX013521.D

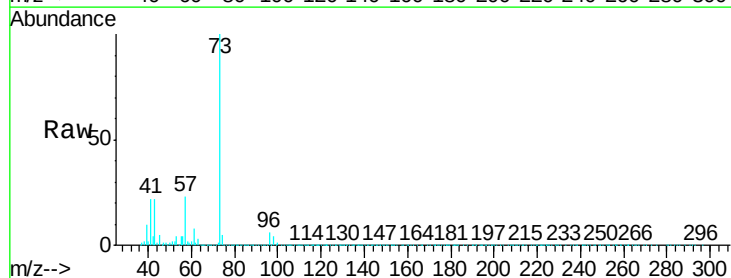
Acq: 22 Nov 2019 10:02

Tgt Ion: 73 Resp: 491584

Ion Ratio Lower Upper

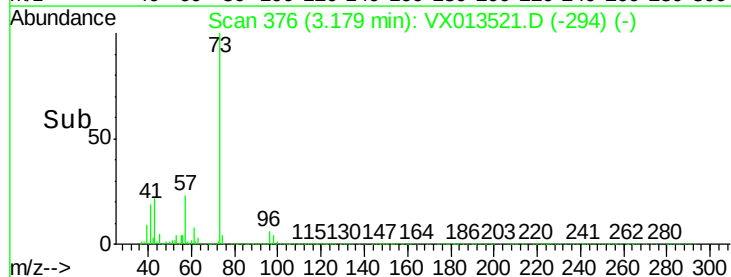
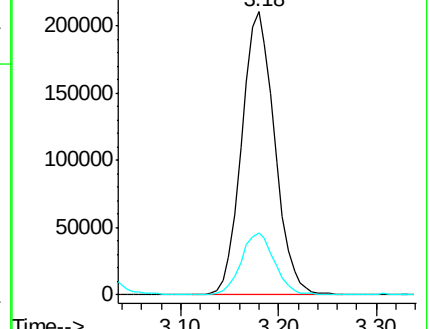
73 100

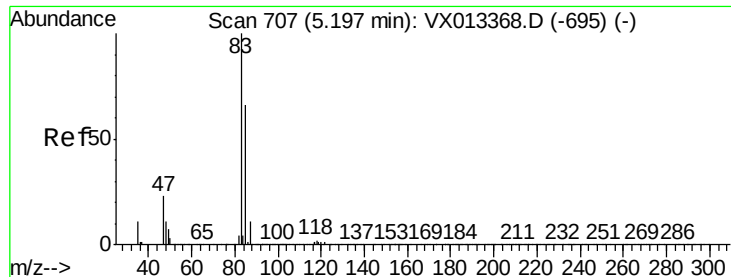
43 21.5 17.0 25.6



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

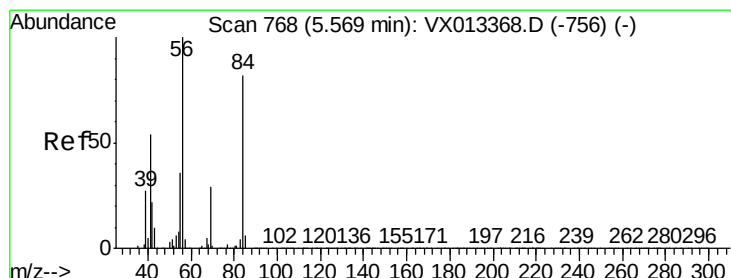
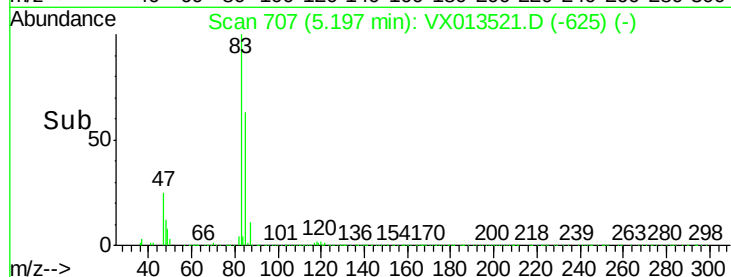
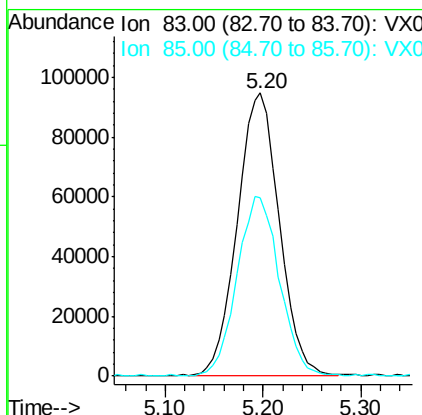
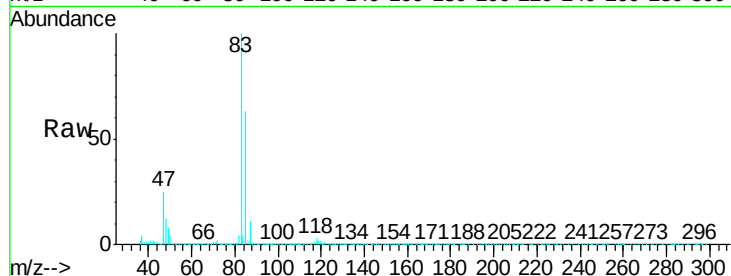




#25
Chloroform
Concen: 18.778 ug/l
RT: 5.20 min Scan# 707
Delta R.T. 0.00 min
Lab File: VX013521.D
Acq: 22 Nov 2019 10:02

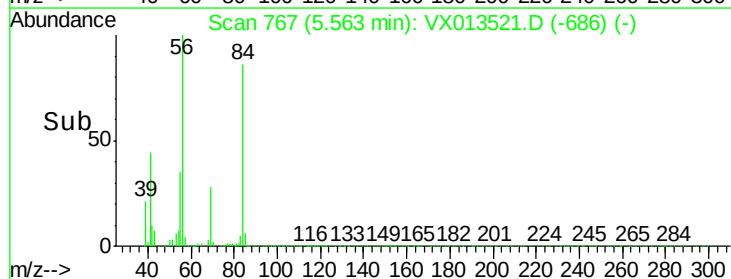
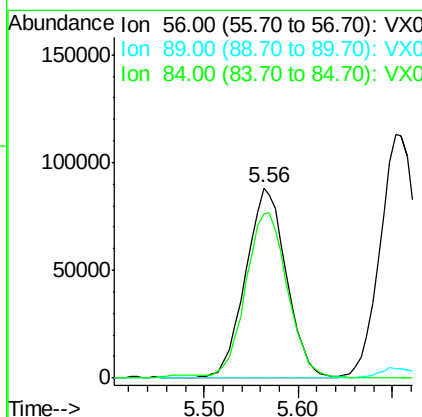
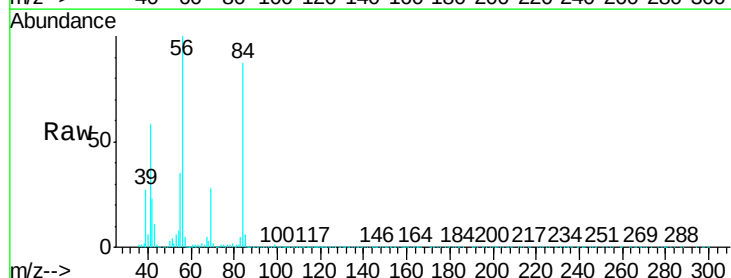
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

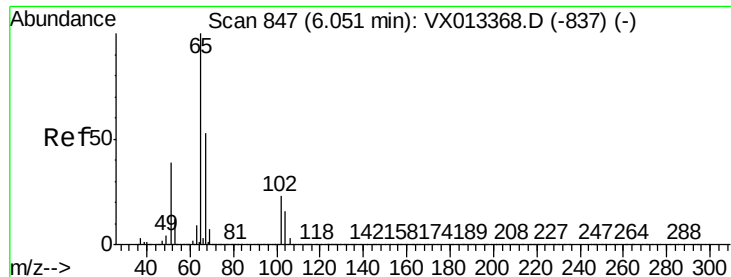
Tgt Ion: 83 Resp: 283224
Ion Ratio Lower Upper
83 100
85 62.5 52.4 78.6



#26
Cyclohexane
Concen: 19.005 ug/l
RT: 5.56 min Scan# 767
Delta R.T. -0.01 min
Lab File: VX013521.D
Acq: 22 Nov 2019 10:02

Tgt Ion: 56 Resp: 265945
Ion Ratio Lower Upper
56 100
89 0.2 0.0 0.0#
84 89.6 70.5 105.7





#27

1,2-Dichloroethane-d4

Concen: 28.542 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX013521.D

Acq: 22 Nov 2019 10:02

Instrument :

MSVOA_X

ClientSampleId :

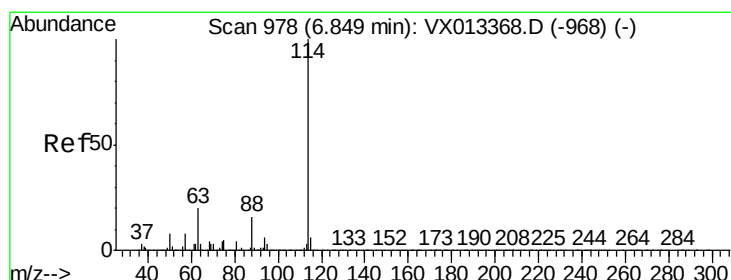
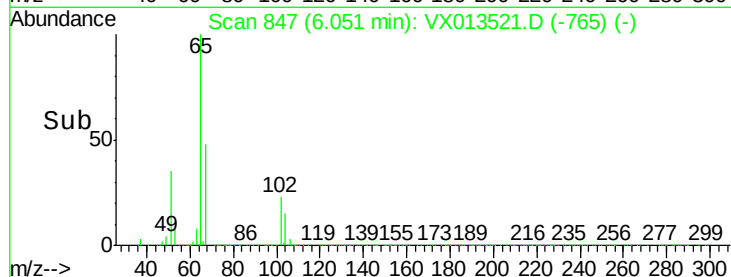
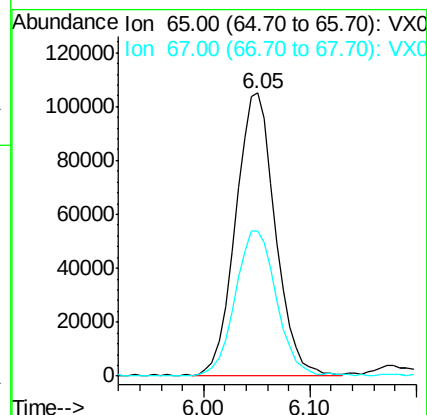
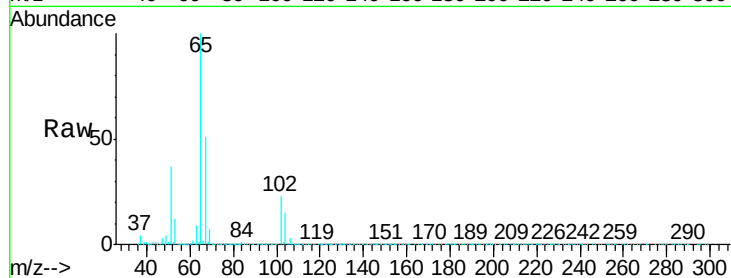
VSTDCCC020

Tgt Ion: 65 Resp: 272498

Ion Ratio Lower Upper

65 100

67 53.1 41.0 61.6



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX013521.D

Acq: 22 Nov 2019 10:02

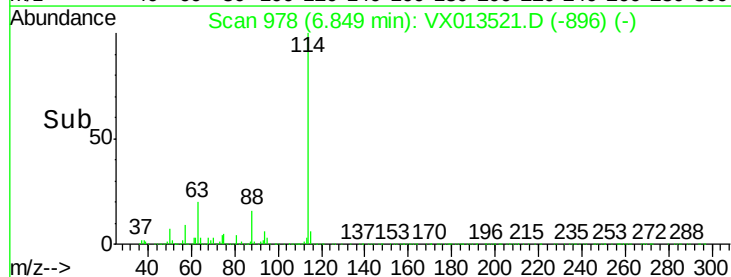
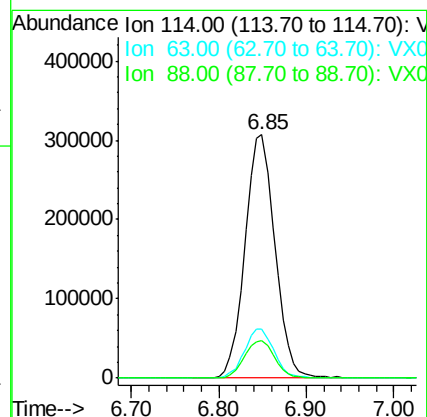
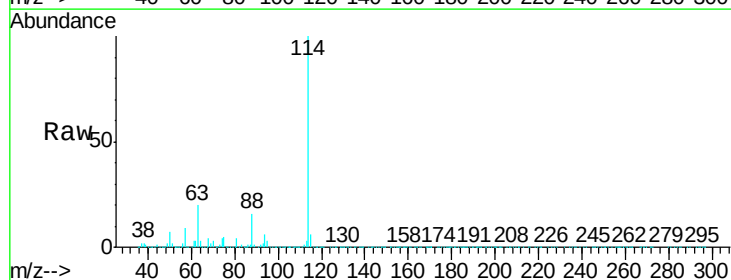
Tgt Ion: 114 Resp: 730760

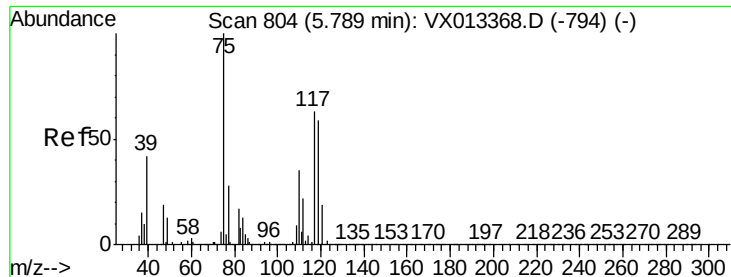
Ion Ratio Lower Upper

114 100

63 19.9 16.1 24.1

88 15.5 12.3 18.5





#29

1,1-Dichloropropene

Concen: 19.470 ug/l

RT: 5.79 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX013521.D

Acq: 22 Nov 2019 10:02

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC020

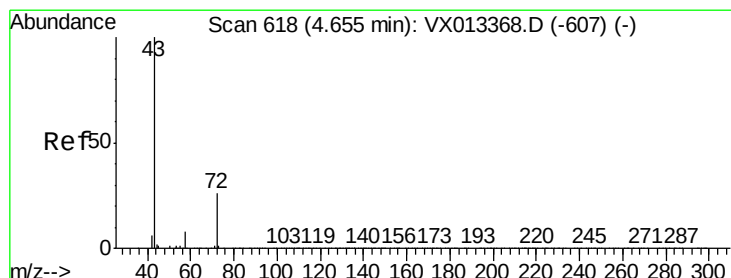
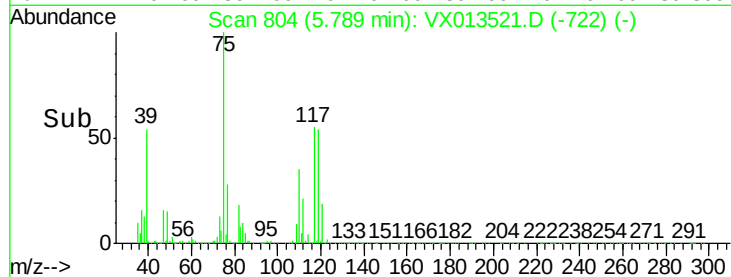
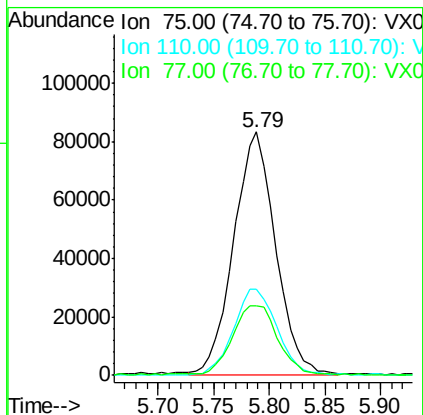
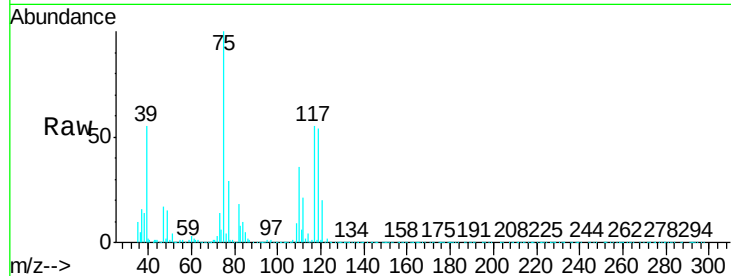
Tgt Ion: 75 Resp: 217316

Ion Ratio Lower Upper

75 100

110 36.8 0.0 74.6

77 30.5 0.0 62.6



#30

2-Butanone

Concen: 95.987 ug/l

RT: 4.65 min Scan# 617

Delta R.T. -0.01 min

Lab File: VX013521.D

Acq: 22 Nov 2019 10:02

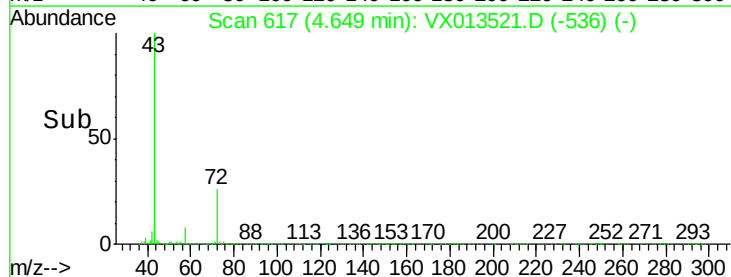
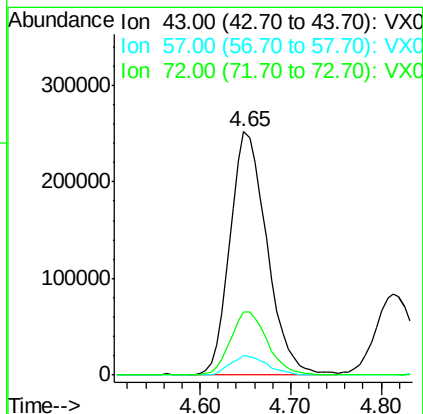
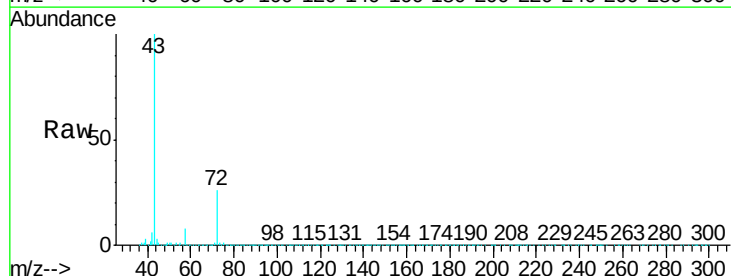
Tgt Ion: 43 Resp: 707160

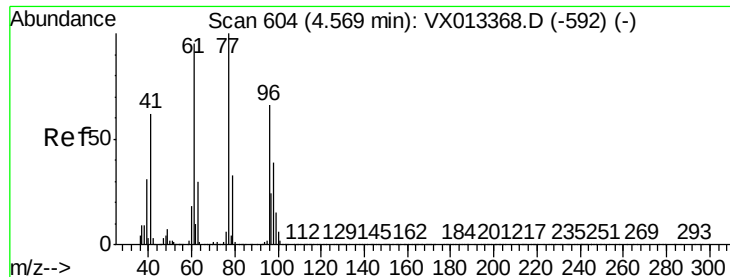
Ion Ratio Lower Upper

43 100

57 7.9 6.1 9.1

72 25.4 20.5 30.7





#31

2,2-Dichloropropane

Concen: 19.770 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX013521.D

Acq: 22 Nov 2019 10:02

Instrument :

MSVOA_X

ClientSampleId :

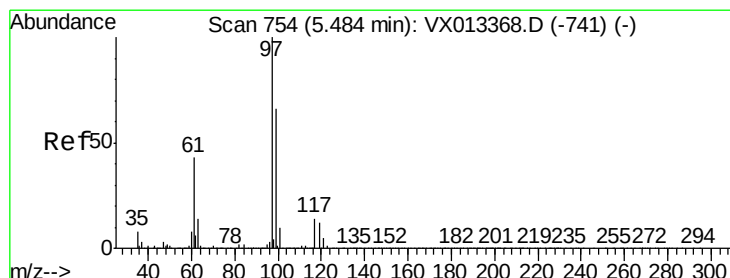
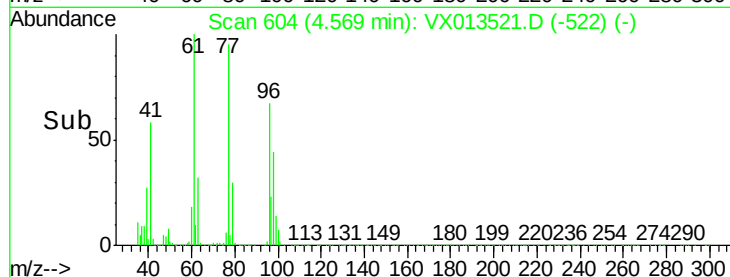
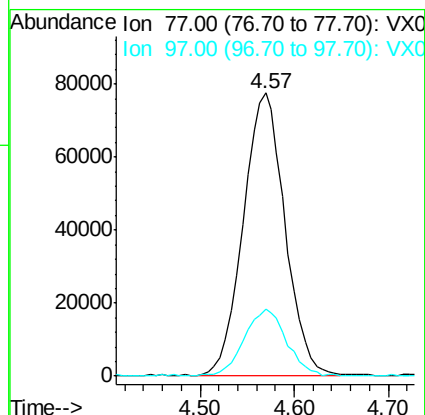
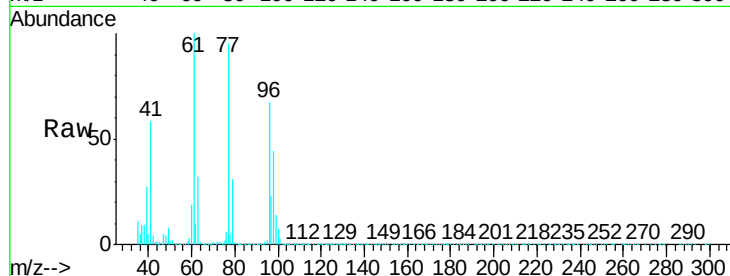
VSTDCCC020

Tgt Ion: 77 Resp: 238972

Ion Ratio Lower Upper

77 100

97 23.8 19.2 28.8



#32

1,1,1-Trichloroethane

Concen: 19.100 ug/l

RT: 5.48 min Scan# 753

Delta R.T. -0.01 min

Lab File: VX013521.D

Acq: 22 Nov 2019 10:02

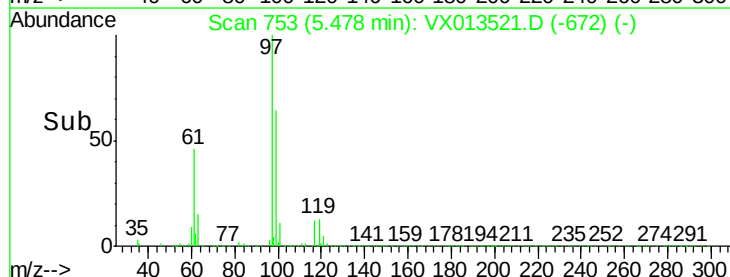
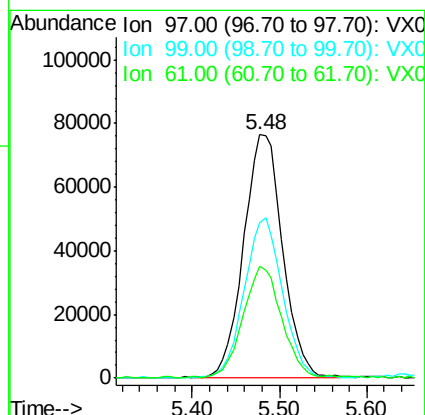
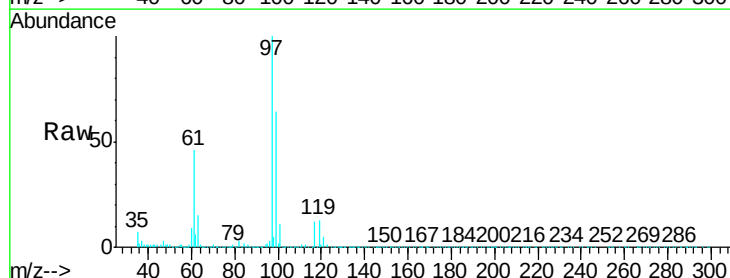
Tgt Ion: 97 Resp: 236958

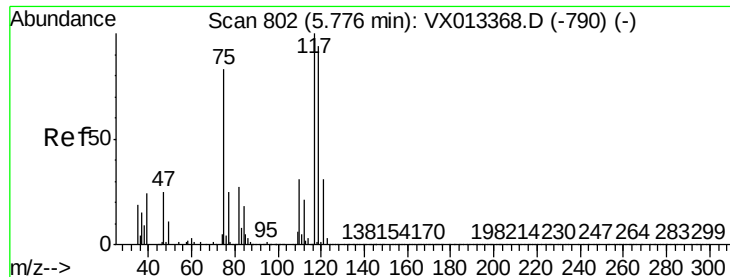
Ion Ratio Lower Upper

97 100

99 64.2 52.5 78.7

61 44.6 36.1 54.1

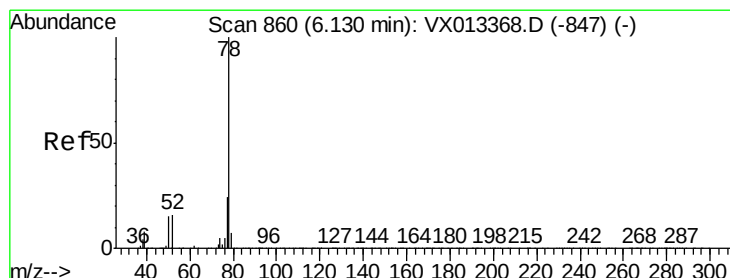
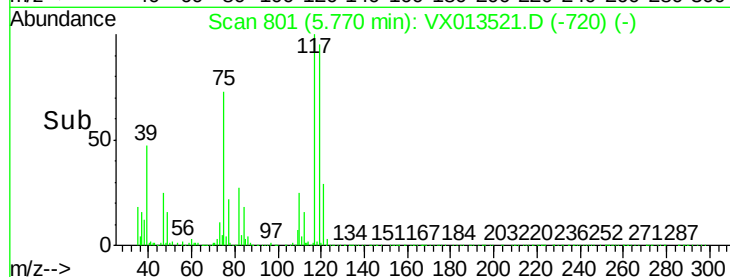
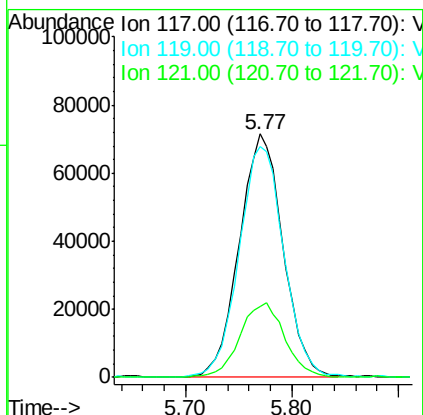
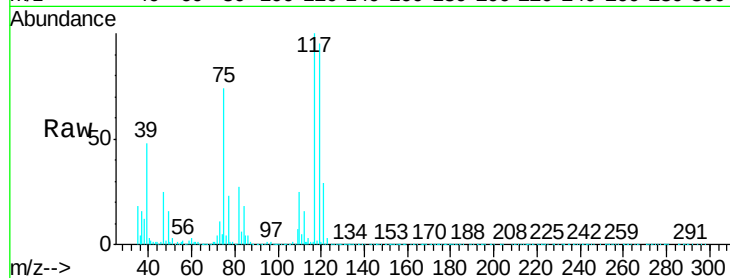




#33
Carbon Tetrachloride
Concen: 18.992 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX013521.D
Acq: 22 Nov 2019 10:02

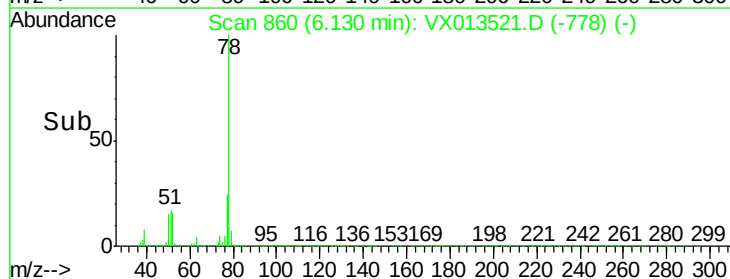
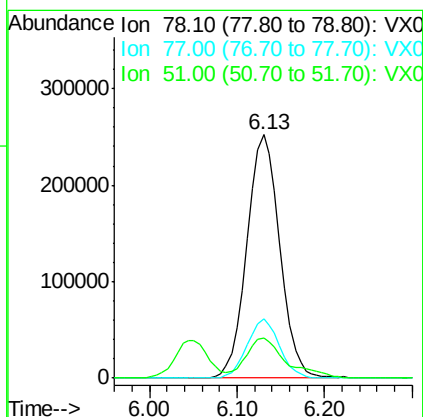
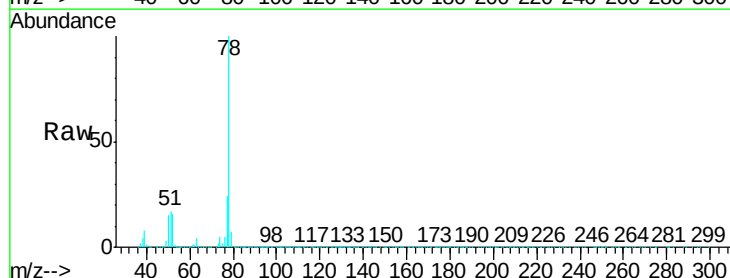
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

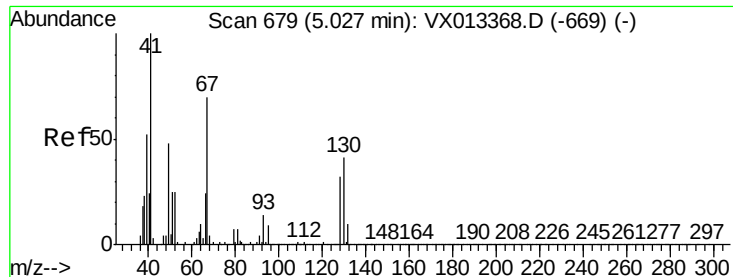
Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.3	75.0	112.6
121	29.0	24.9	37.3



#34
Benzene
Concen: 19.381 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX013521.D
Acq: 22 Nov 2019 10:02

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.2	19.3	28.9
51	16.2	12.2	18.4

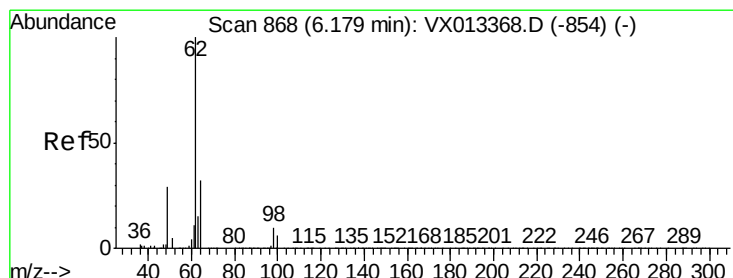
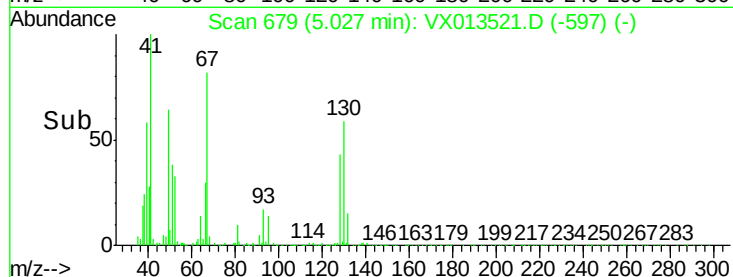
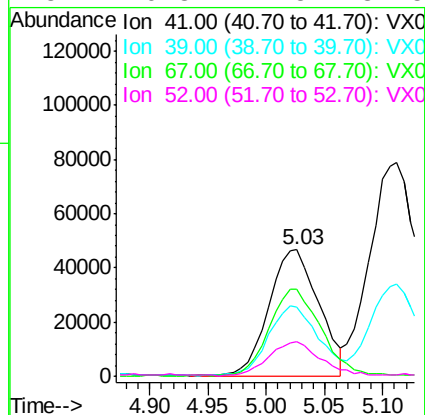
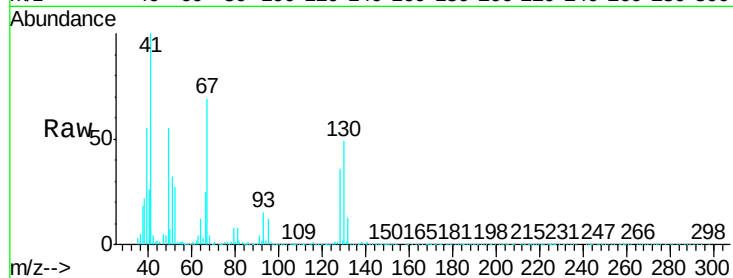




#35
Methacrylonitrile
Concen: 18.795 ug/l
RT: 5.03 min Scan# 679
Delta R.T. 0.00 min
Lab File: VX013521.D
Acq: 22 Nov 2019 10:02

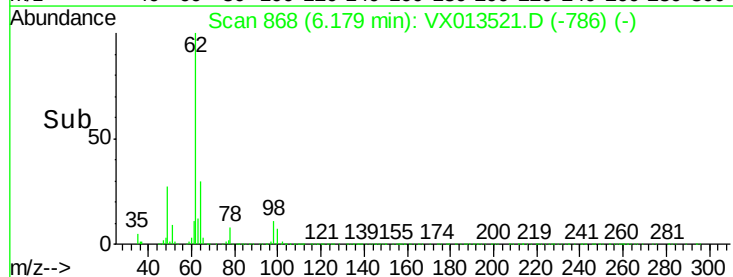
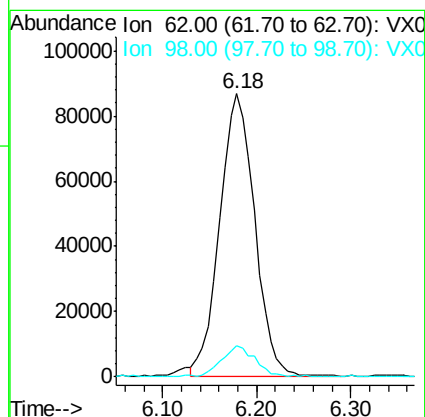
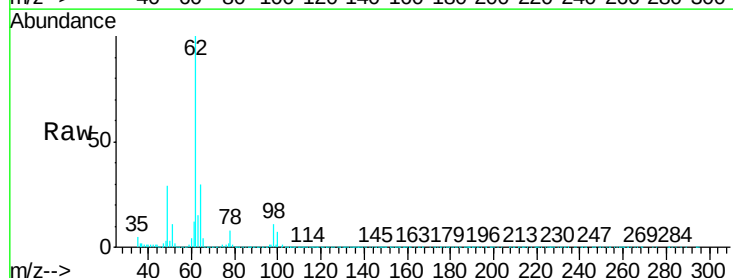
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

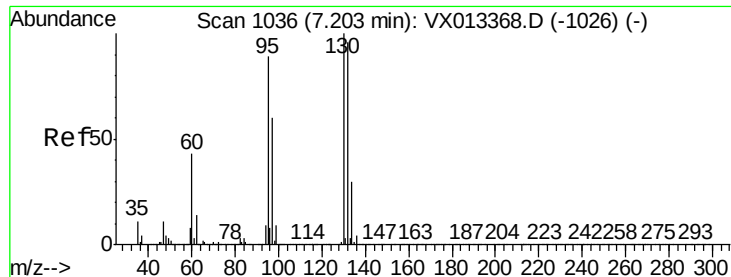
Tgt Ion:	41	Resp:	138275
Ion	Ratio	Lower	Upper
41	100		
39	54.2	25.9	77.8
67	68.3	35.1	105.5
52	26.8	12.5	37.5



#36
1,2-Dichloroethane
Concen: 18.767 ug/l
RT: 6.18 min Scan# 868
Delta R.T. 0.00 min
Lab File: VX013521.D
Acq: 22 Nov 2019 10:02

Tgt Ion:	62	Resp:	222387
Ion	Ratio	Lower	Upper
62	100		
98	10.4	8.2	12.2





#37

Trichloroethene

Concen: 19.991 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. 0.00 min

Lab File: VX013521.D

Acq: 22 Nov 2019 10:02

Instrument :

MSVOA_X

ClientSampleId :

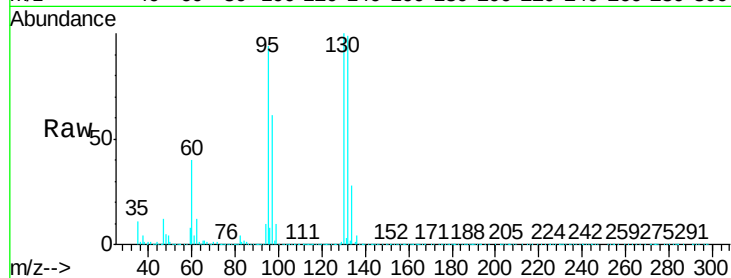
VSTDCCC020

Tgt Ion:130 Resp: 181314

Ion Ratio Lower Upper

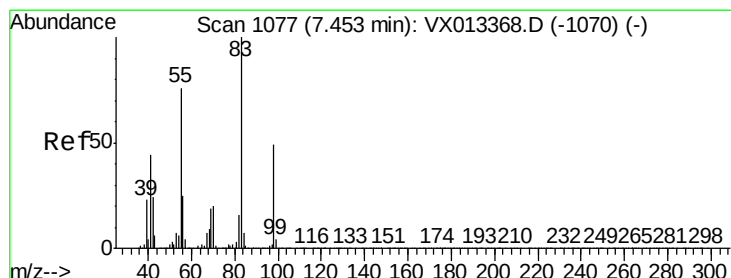
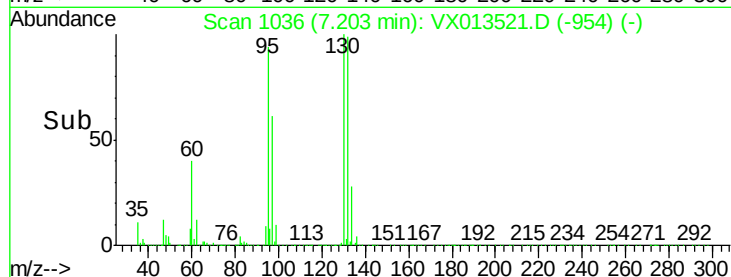
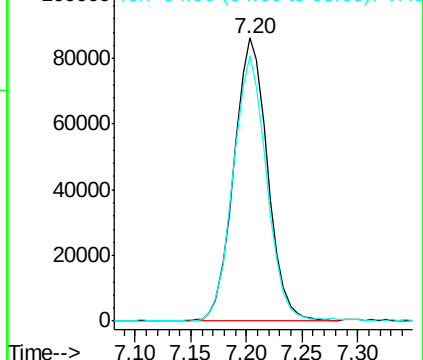
130 100

95 93.3 71.3 106.9



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0



#38

Methylcyclohexane

Concen: 20.048 ug/l

RT: 7.45 min Scan# 1077

Delta R.T. 0.00 min

Lab File: VX013521.D

Acq: 22 Nov 2019 10:02

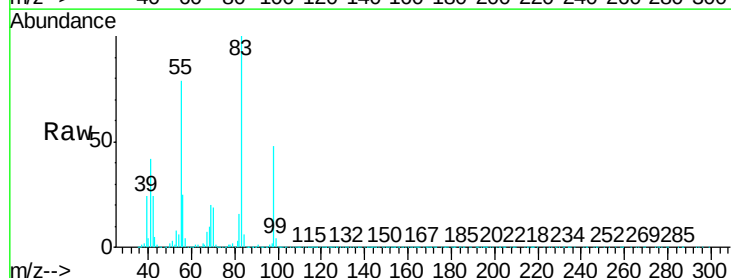
Tgt Ion: 83 Resp: 274370

Ion Ratio Lower Upper

83 100

55 75.5 37.9 113.7

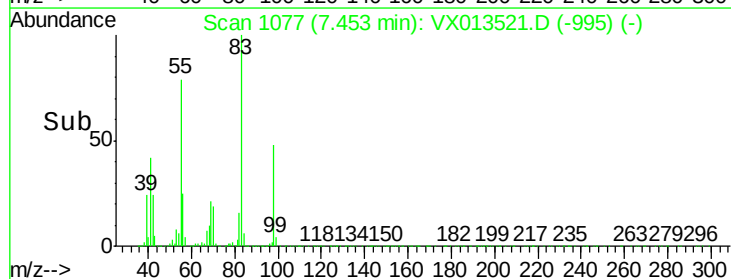
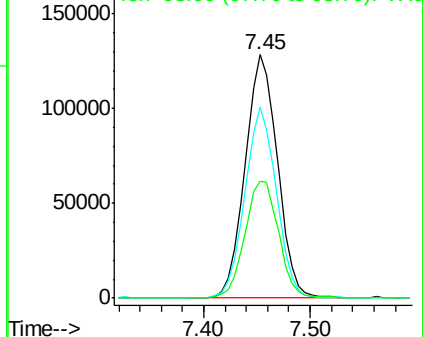
98 49.6 25.1 75.3

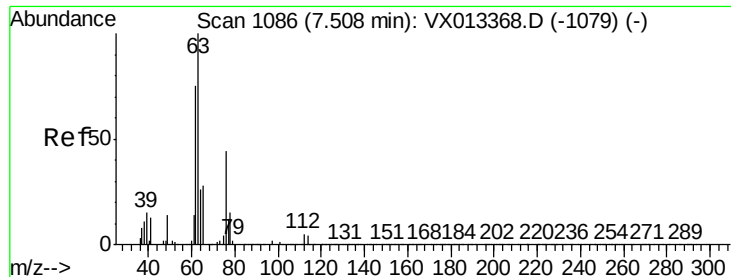


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#39

1,2-Dichloropropane

Concen: 18.971 ug/l

RT: 7.50 min Scan# 1085

Delta R.T. -0.01 min

Lab File: VX013521.D

Acq: 22 Nov 2019 10:02

Instrument :

MSVOA_X

ClientSampleId :

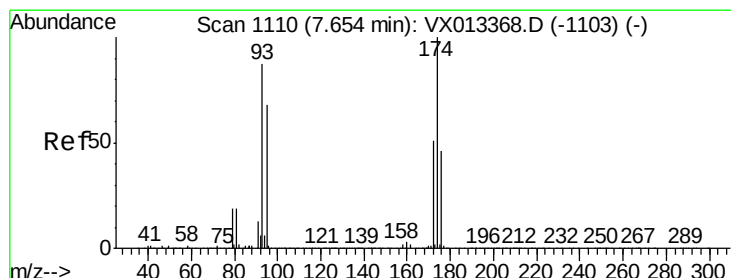
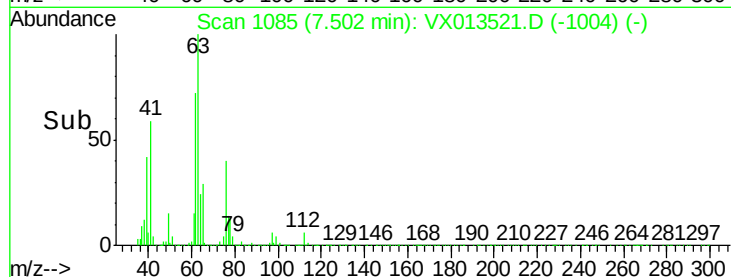
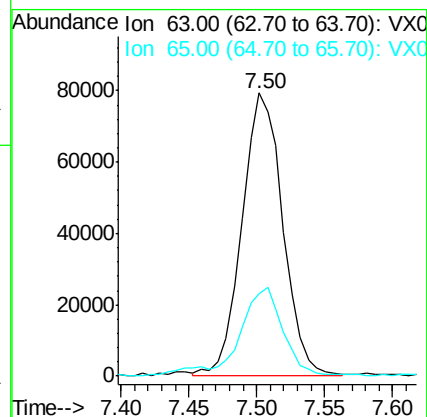
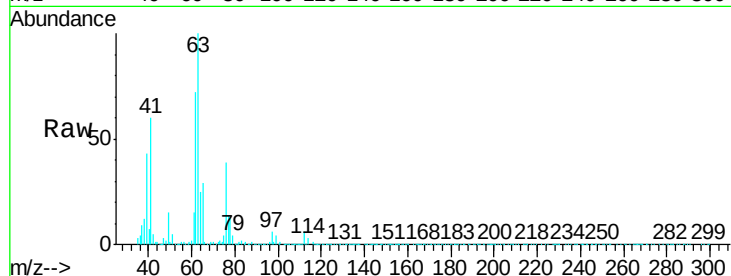
VSTDCCC020

Tgt Ion: 63 Resp: 166070

Ion Ratio Lower Upper

63 100

65 28.8 23.8 35.8



#40

Dibromomethane

Concen: 18.737 ug/l

RT: 7.65 min Scan# 1109

Delta R.T. -0.01 min

Lab File: VX013521.D

Acq: 22 Nov 2019 10:02

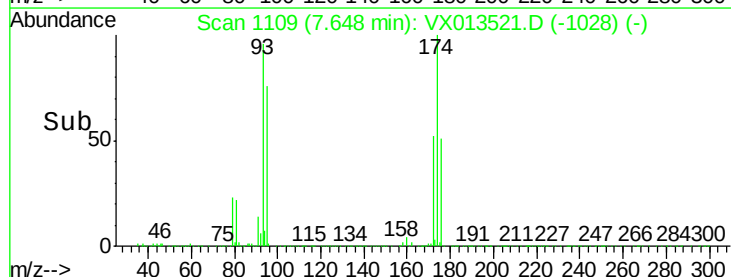
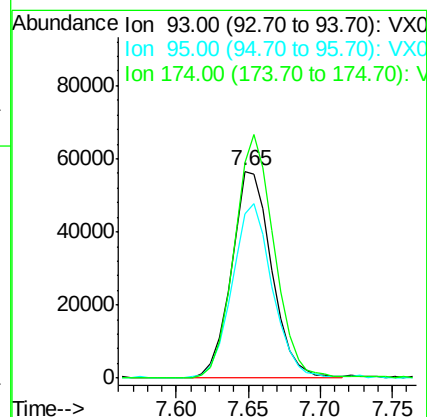
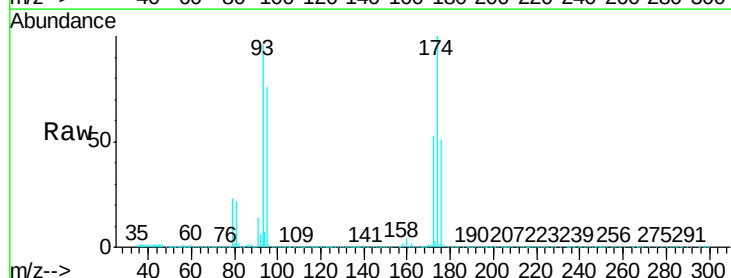
Tgt Ion: 93 Resp: 109156

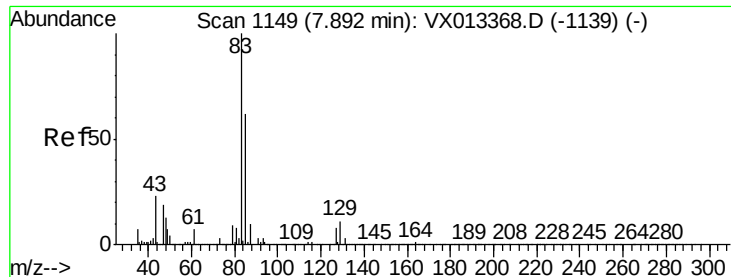
Ion Ratio Lower Upper

93 100

95 83.5 0.0 160.8

174 116.0 0.0 228.8





#41

Bromodichloromethane

Concen: 19.025 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX013521.D

Acq: 22 Nov 2019 10:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

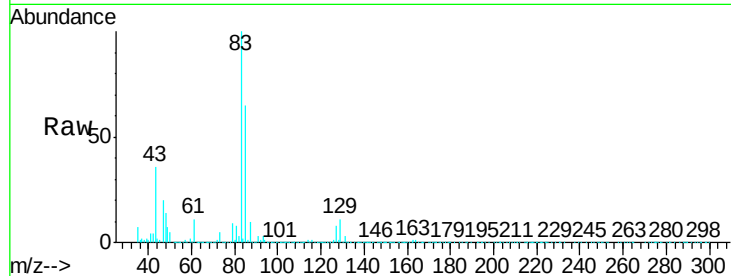
Tgt Ion: 83 Resp: 216364

Ion Ratio Lower Upper

83 100

85 64.5 49.3 73.9

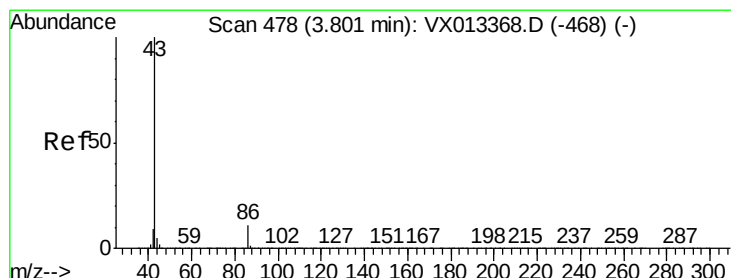
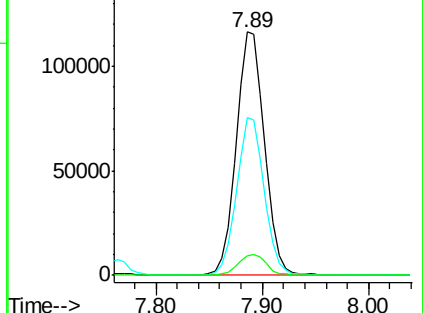
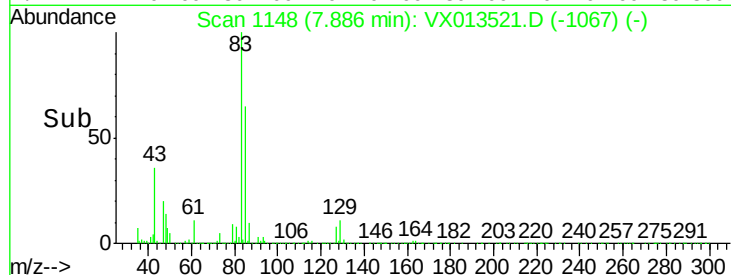
127 7.8 6.6 10.0



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0

Ion 127.00 (126.70 to 127.70): V



#42

Vinyl Acetate

Concen: 95.055 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX013521.D

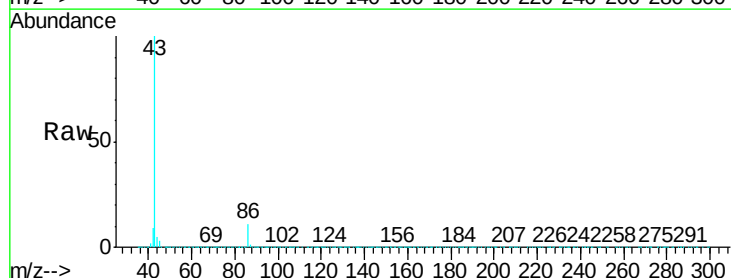
Acq: 22 Nov 2019 10:02

Tgt Ion: 43 Resp: 2204779

Ion Ratio Lower Upper

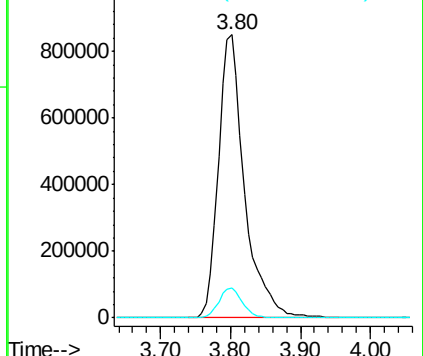
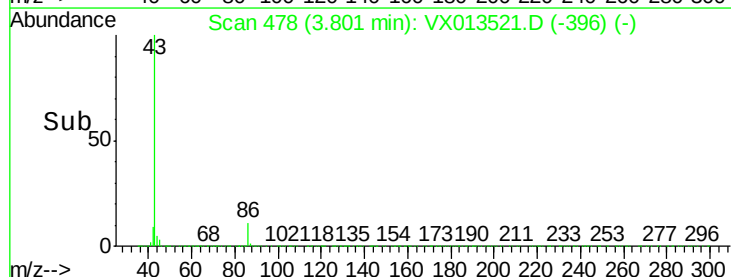
43 100

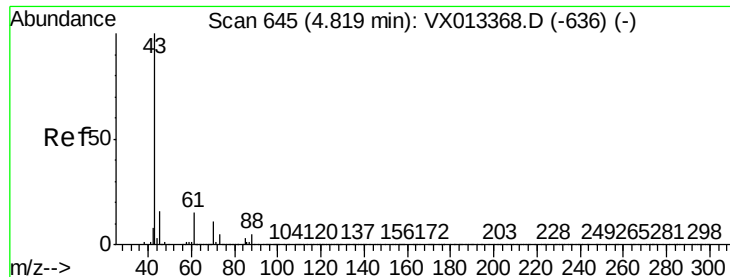
86 9.5 7.6 11.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

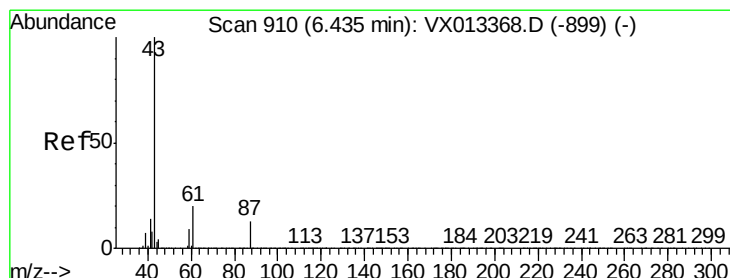
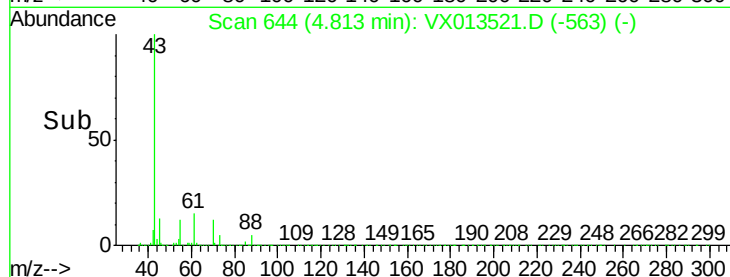
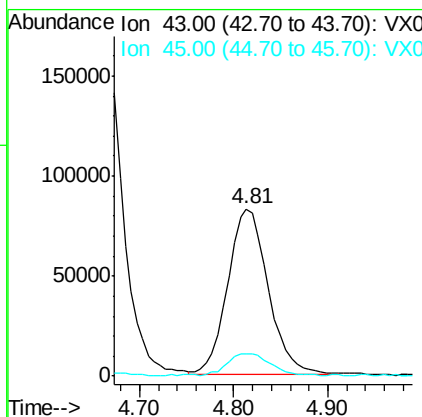
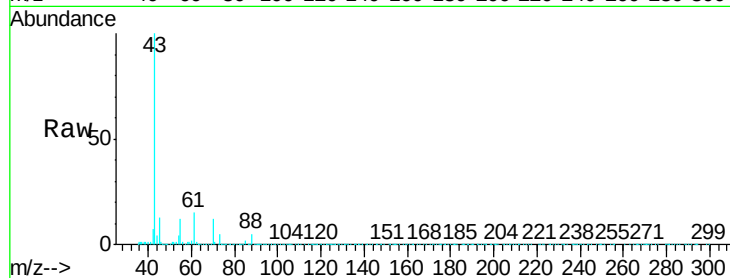




#43
Ethyl Acetate
Concen: 18.511 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX013521.D
Acq: 22 Nov 2019 10:02

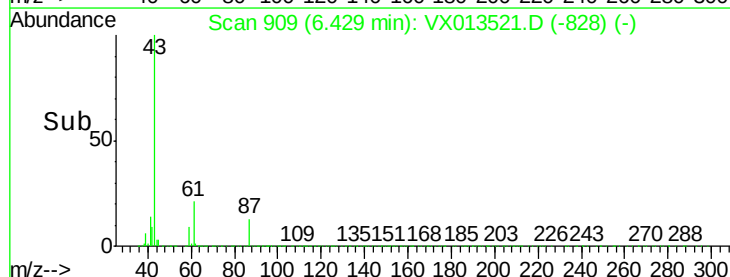
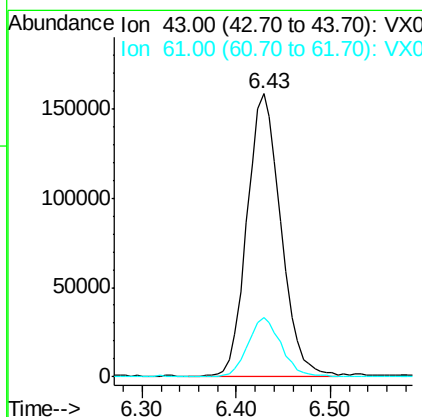
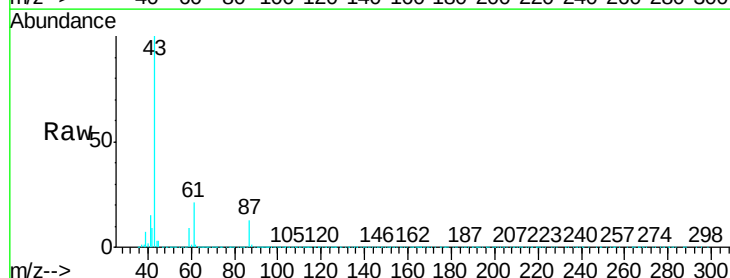
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

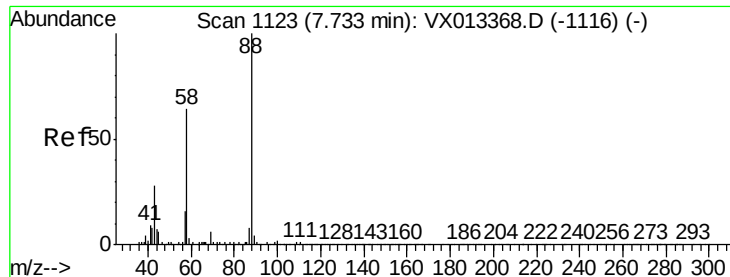
Tgt Ion: 43 Resp: 248732
Ion Ratio Lower Upper
43 100
45 6.6 10.9 16.3#



#44
Isopropyl Acetate
Concen: 18.456 ug/l
RT: 6.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: VX013521.D
Acq: 22 Nov 2019 10:02

Tgt Ion: 43 Resp: 398632
Ion Ratio Lower Upper
43 100
61 20.5 15.8 23.8





#45

1,4-Dioxane

Concen: 350.297 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VX013521.D

Acq: 22 Nov 2019 10:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

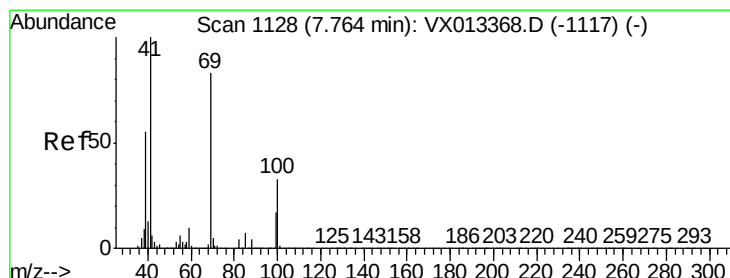
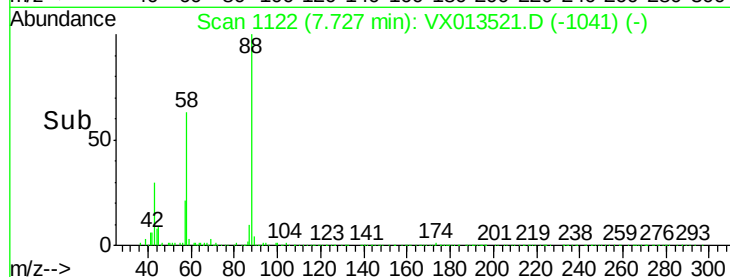
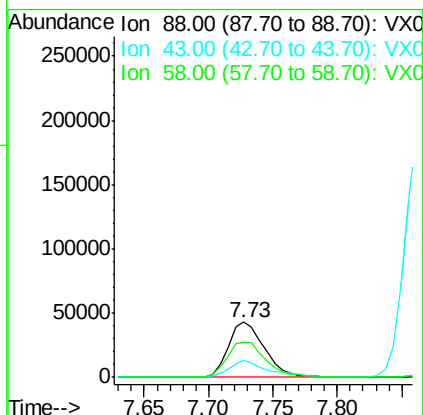
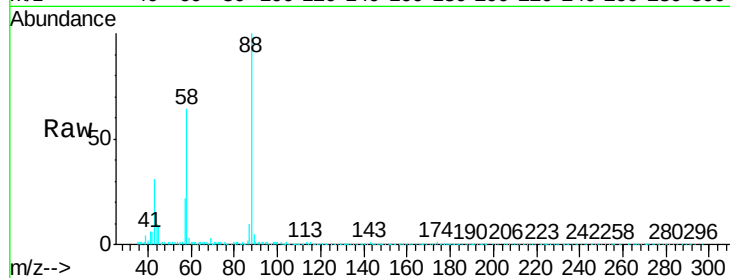
Tgt Ion: 88 Resp: 83533

Ion Ratio Lower Upper

88 100

43 32.9 26.1 39.1

58 67.7 55.8 83.8



#46

Methyl methacrylate

Concen: 18.357 ug/l

RT: 7.76 min Scan# 1127

Delta R.T. -0.01 min

Lab File: VX013521.D

Acq: 22 Nov 2019 10:02

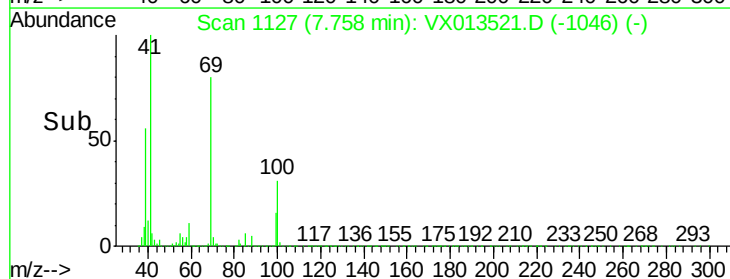
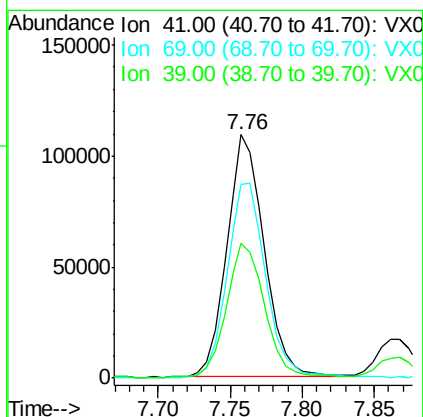
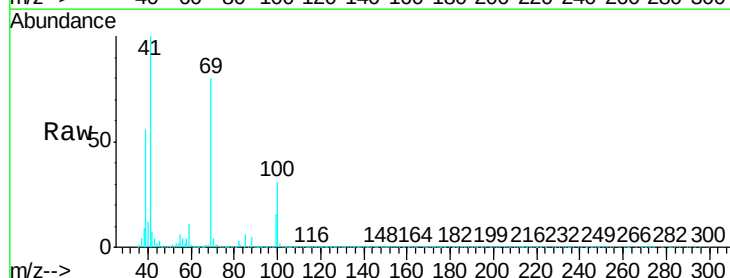
Tgt Ion: 41 Resp: 197222

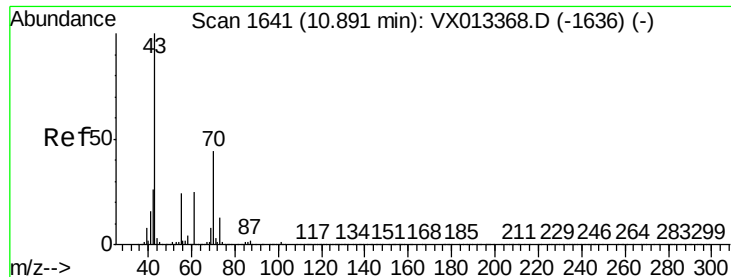
Ion Ratio Lower Upper

41 100

69 79.7 41.4 124.4

39 55.6 27.9 83.6

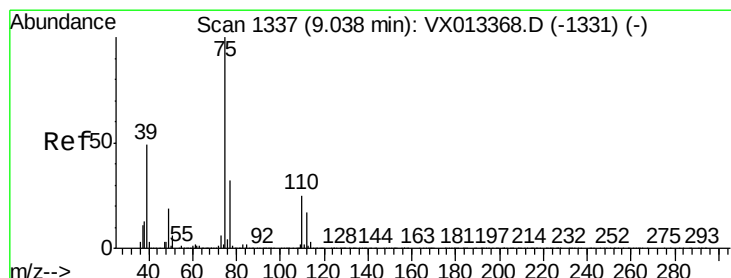
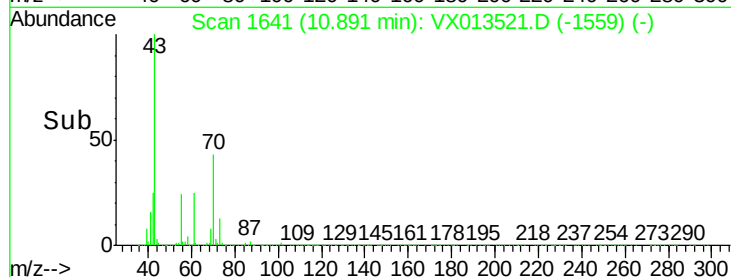
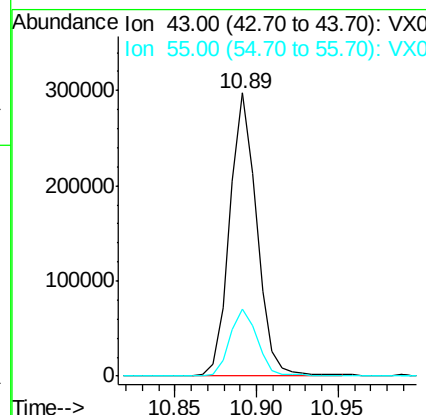
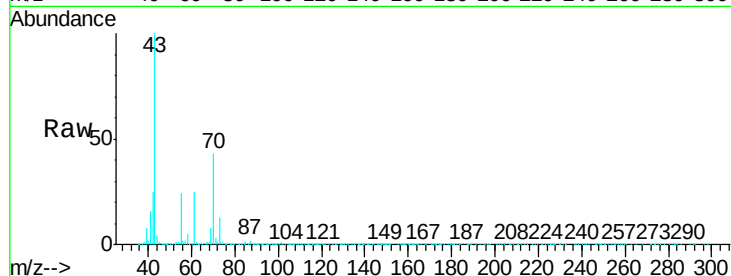




#47
n-amyI Acetate
Concen: 18.017 ug/l
RT: 10.89 min Scan# 1641
Delta R.T. 0.00 min
Lab File: VX013521.D
Acq: 22 Nov 2019 10:02

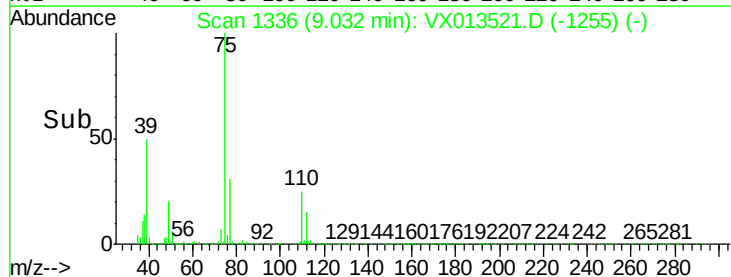
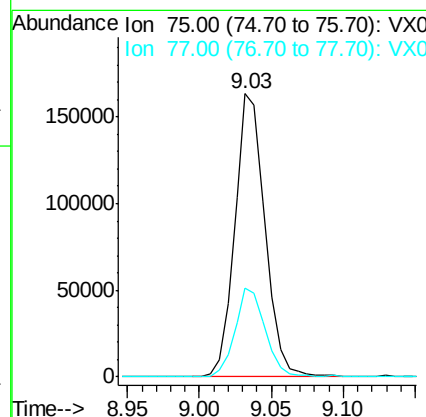
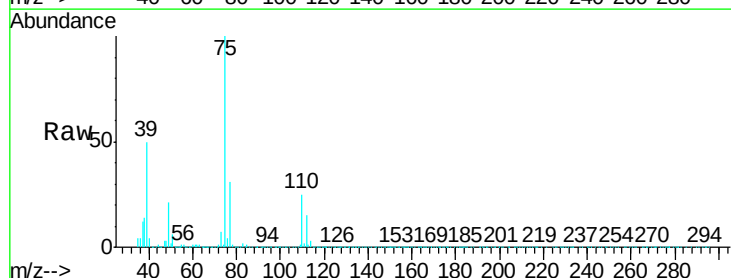
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

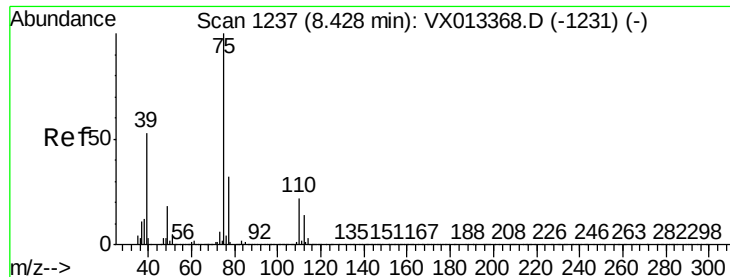
Tgt Ion: 43 Resp: 341343
Ion Ratio Lower Upper
43 100
55 24.0 19.0 28.4



#48
t-1,3-Dichloropropene
Concen: 18.709 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. -0.01 min
Lab File: VX013521.D
Acq: 22 Nov 2019 10:02

Tgt Ion: 75 Resp: 238582
Ion Ratio Lower Upper
75 100
77 31.1 25.3 37.9



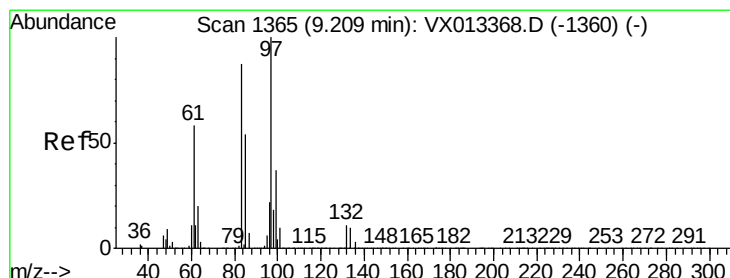
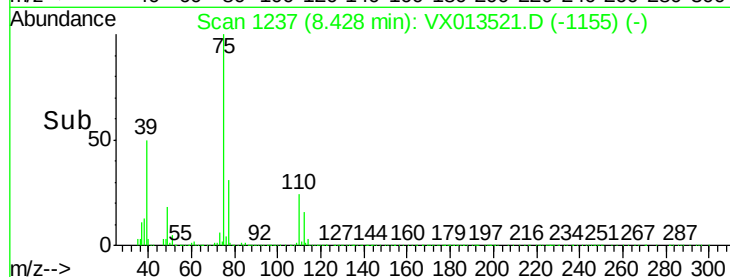
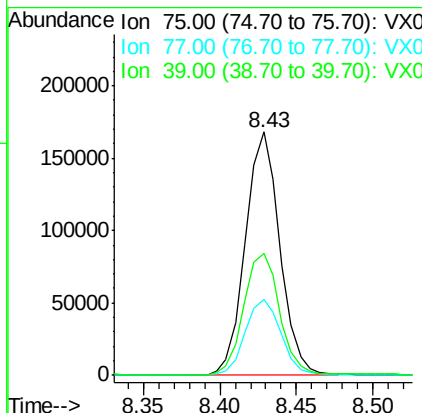
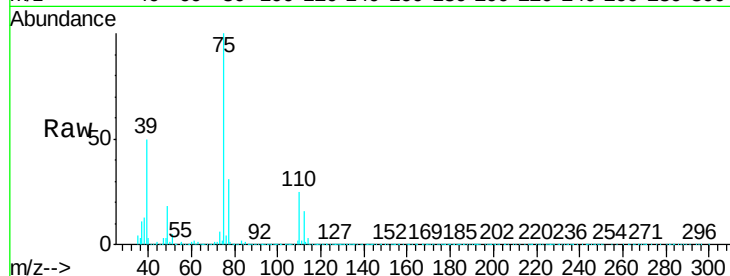


#49

cis-1,3-Dichloropropene
 Concen: 18.936 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: VX013521.D
 Acq: 22 Nov 2019 10:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

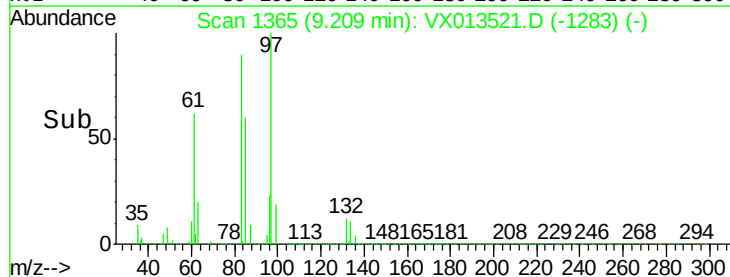
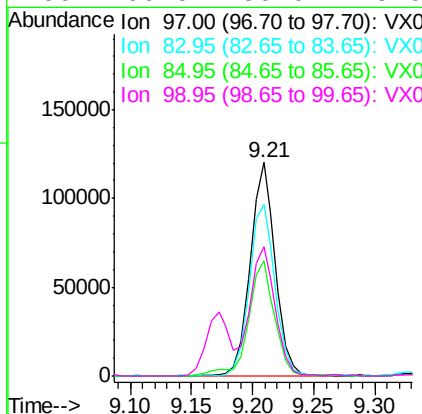
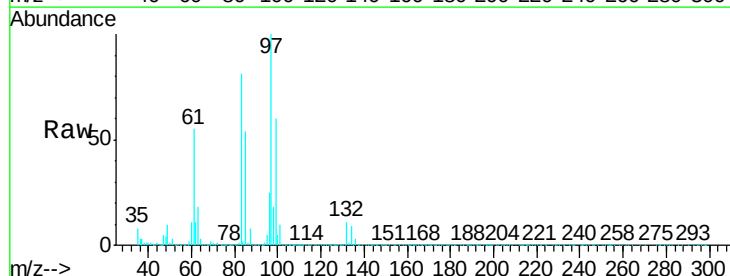
Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.1	25.8	38.8
39	49.9	42.2	63.4

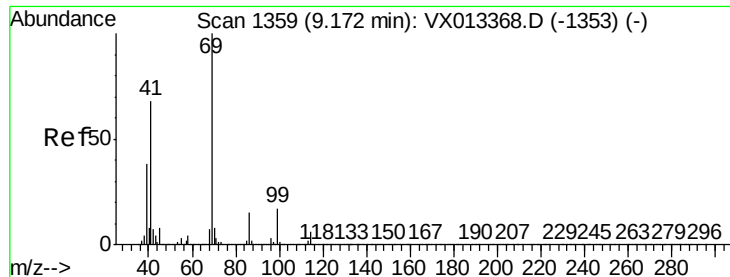


#50

1,1,2-Trichloroethane
 Concen: 19.838 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX013521.D
 Acq: 22 Nov 2019 10:02

Tgt Ion	Ratio	Lower	Upper
97	100		
83	80.4	69.6	104.4
85	53.7	45.5	68.3
99	60.0	50.0	75.0





#51

Ethyl methacrylate

Concen: 18.773 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX013521.D

Acq: 22 Nov 2019 10:02

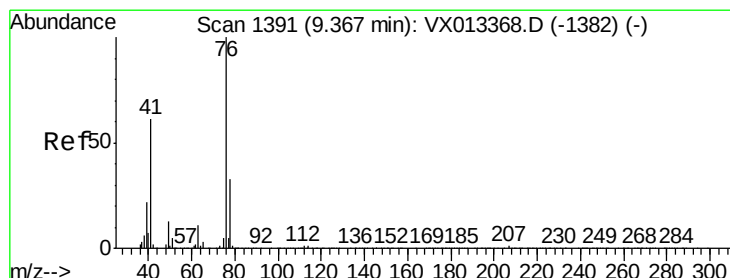
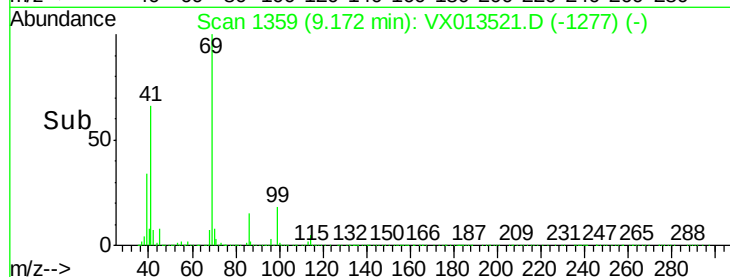
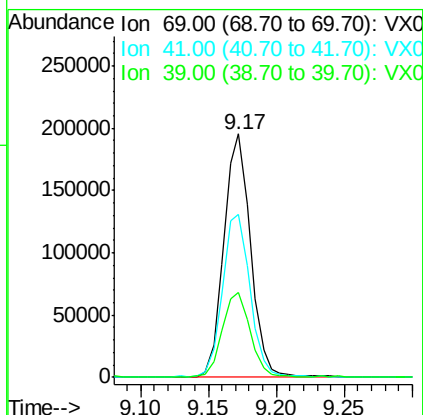
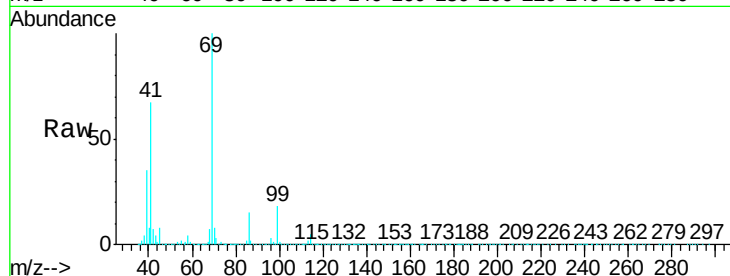
Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion:	69	Resp:	266457
Ion	Ratio	Lower	Upper
69	100		
41	66.5	33.9	101.6
39	34.8	18.8	56.4



#52

1,3-Dichloropropane

Concen: 19.140 ug/l

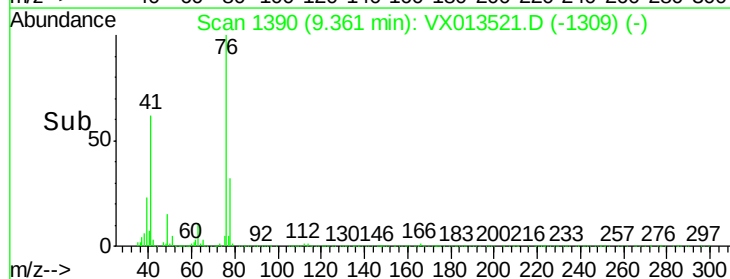
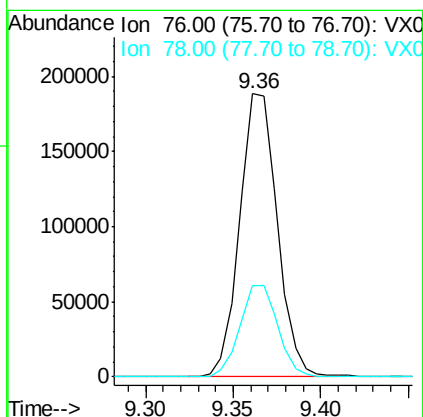
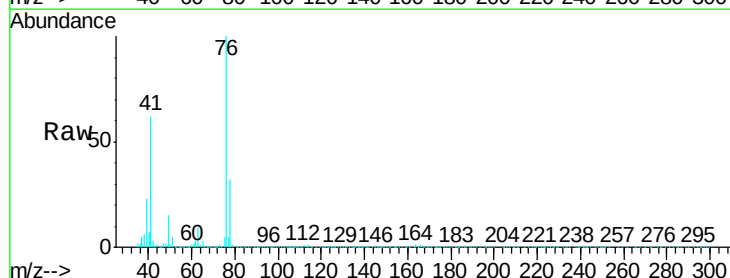
RT: 9.36 min Scan# 1390

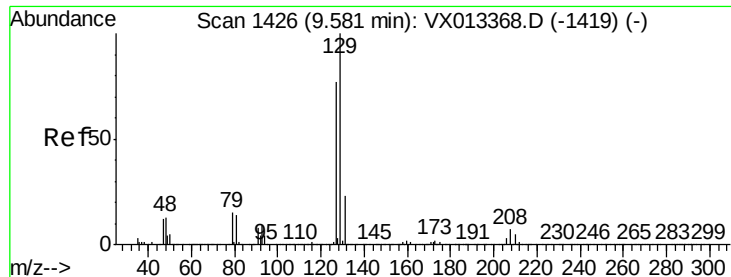
Delta R.T. -0.01 min

Lab File: VX013521.D

Acq: 22 Nov 2019 10:02

Tgt Ion:	76	Resp:	282073
Ion	Ratio	Lower	Upper
76	100		
78	32.4	0.0	63.6





#53

Dibromochloromethane

Concen: 18.656 ug/l

RT: 9.57 min Scan# 1425

Delta R.T. -0.01 min

Lab File: VX013521.D

Acq: 22 Nov 2019 10:02

Instrument :

MSVOA_X

ClientSampleId :

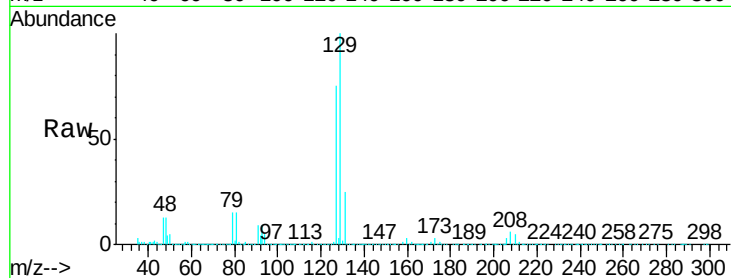
VSTDCCC020

Tgt Ion:129 Resp: 170451

Ion Ratio Lower Upper

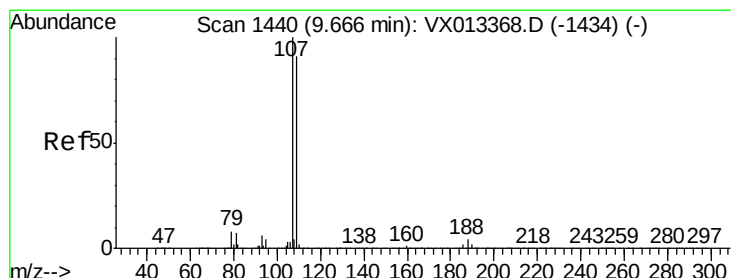
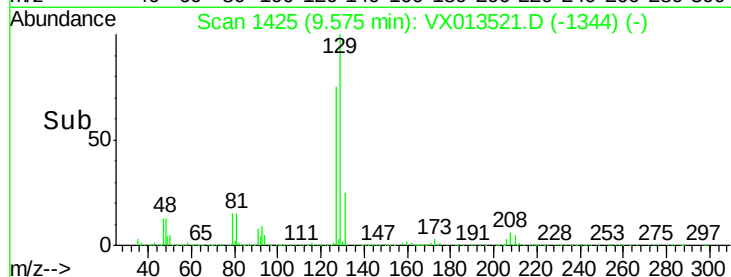
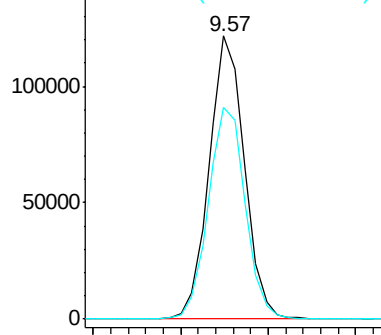
129 100

127 78.4 39.6 119.0



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 19.035 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX013521.D

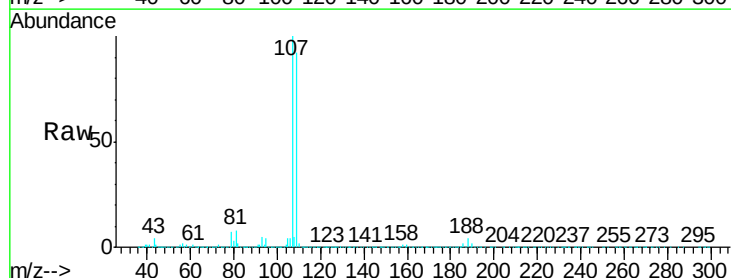
Acq: 22 Nov 2019 10:02

Tgt Ion:107 Resp: 175465

Ion Ratio Lower Upper

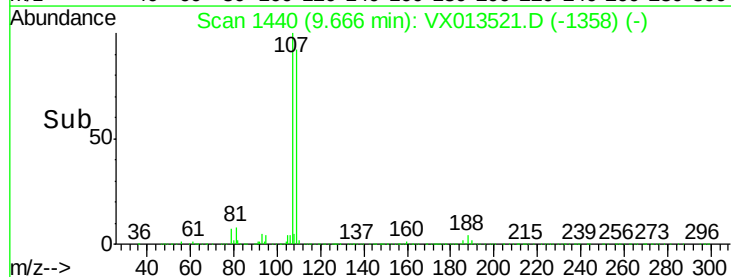
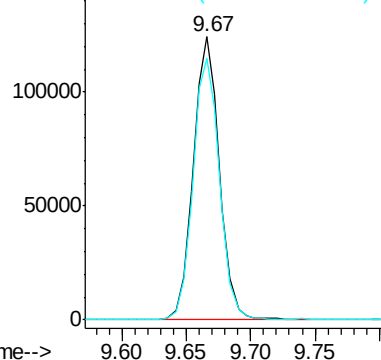
107 100

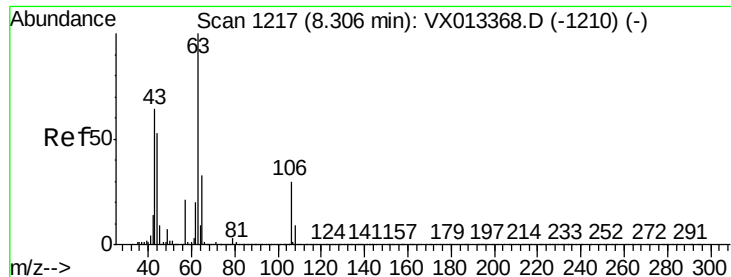
109 94.3 73.9 110.9



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

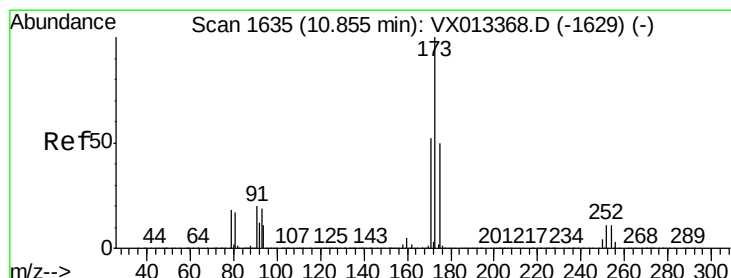
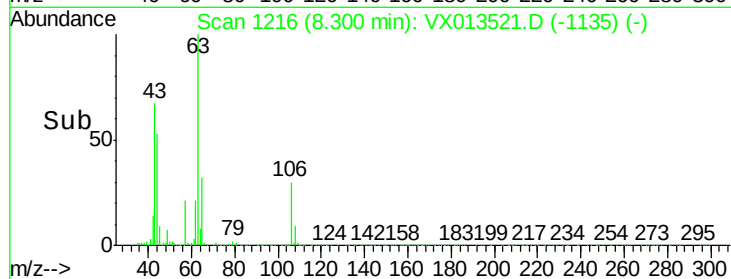
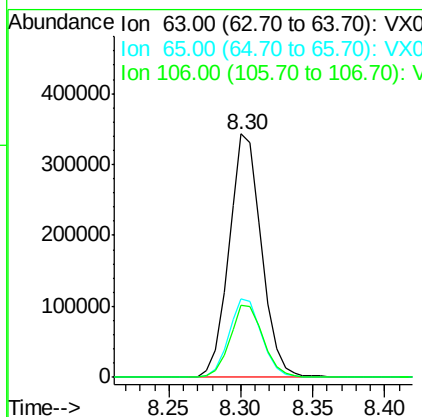
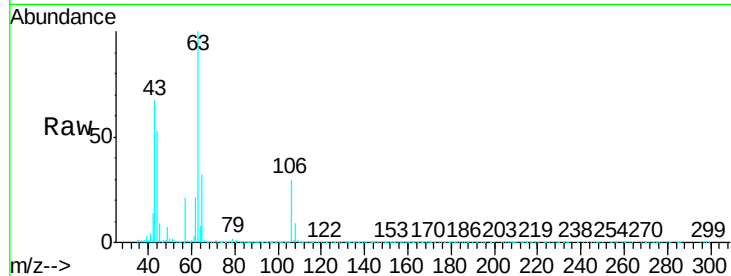




#55
2-Chloroethyl vinyl ether
Concen: 88.738 ug/l
RT: 8.30 min Scan# 1216
Delta R.T. -0.01 min
Lab File: VX013521.D
Acq: 22 Nov 2019 10:02

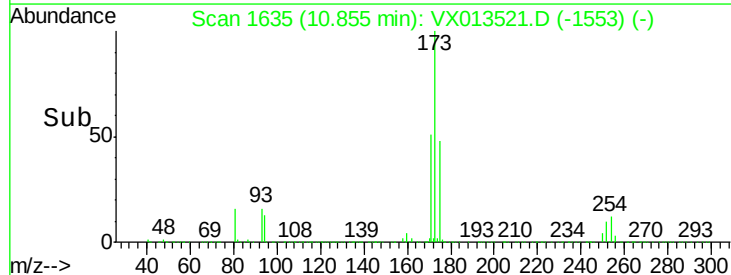
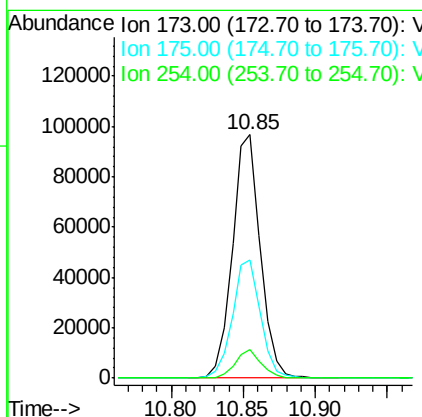
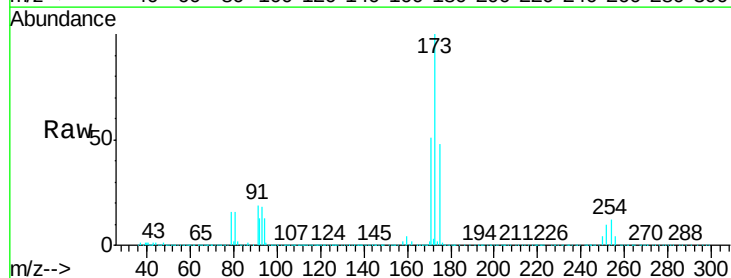
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

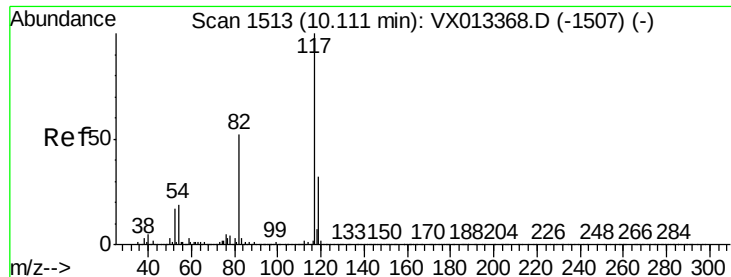
Tgt Ion: 63 Resp: 538172
Ion Ratio Lower Upper
63 100
65 32.6 26.0 39.0
106 30.2 23.5 35.3



#56
Bromoform
Concen: 17.990 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX013521.D
Acq: 22 Nov 2019 10:02

Tgt Ion: 173 Resp: 130809
Ion Ratio Lower Upper
173 100
175 49.1 39.4 59.0
254 10.9 8.6 12.8

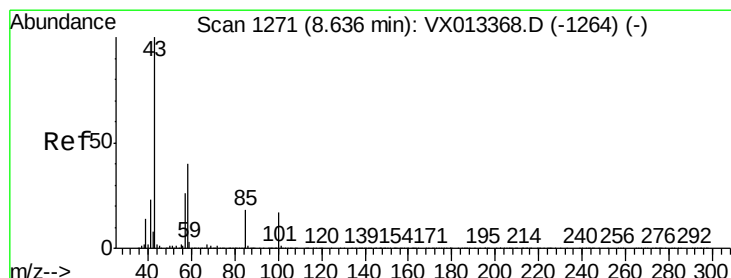
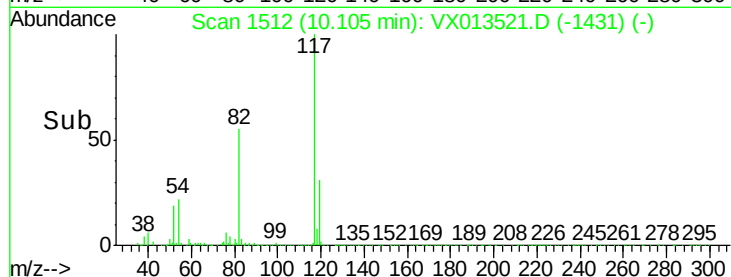
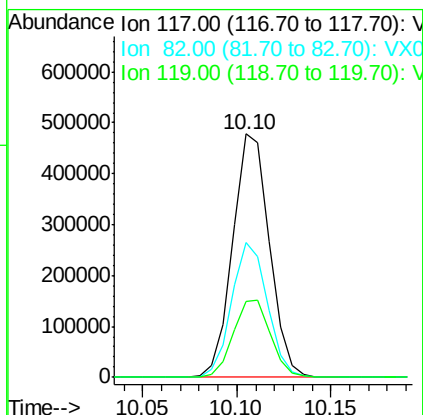
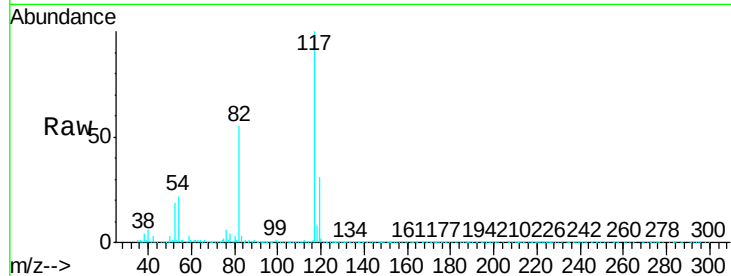




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX013521.D
Acq: 22 Nov 2019 10:02

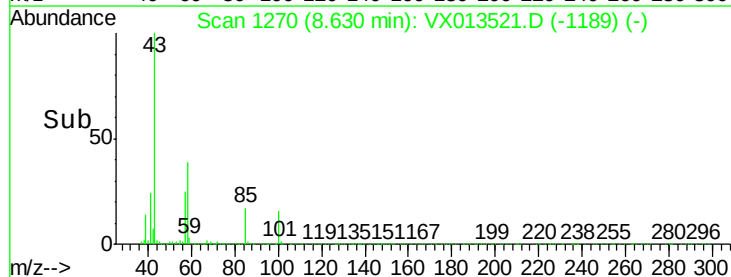
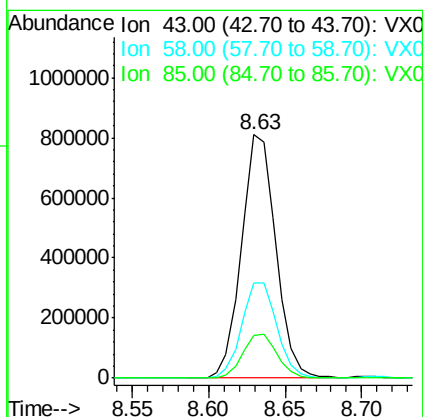
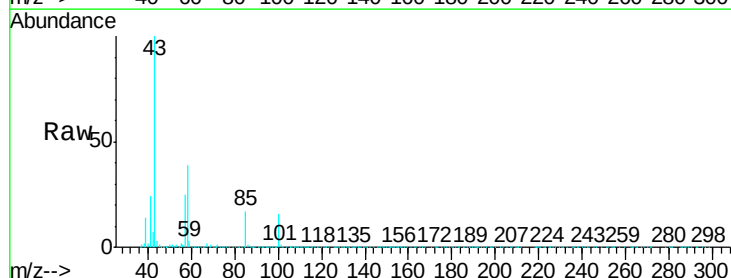
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

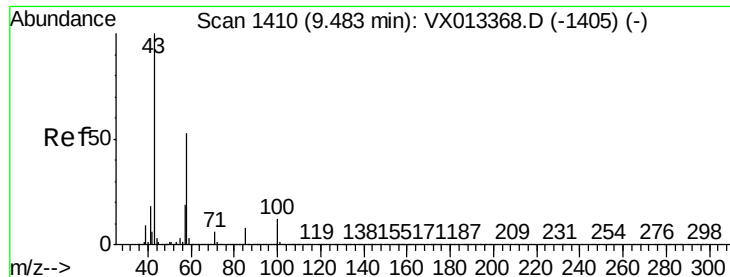
Tgt Ion:117 Resp: 646204
Ion Ratio Lower Upper
117 100
82 54.1 43.7 65.5
119 32.1 25.5 38.3



#58
4-Methyl-2-Pentanone
Concen: 93.539 ug/l
RT: 8.63 min Scan# 1270
Delta R.T. -0.01 min
Lab File: VX013521.D
Acq: 22 Nov 2019 10:02

Tgt Ion: 43 Resp: 1262721
Ion Ratio Lower Upper
43 100
58 40.2 31.6 47.4
85 18.1 14.2 21.2

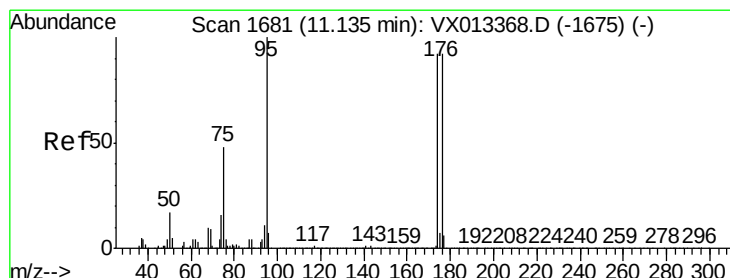
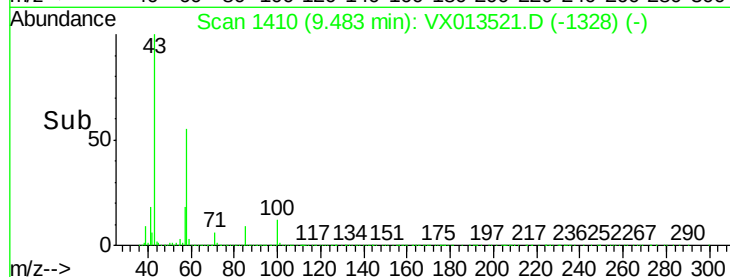
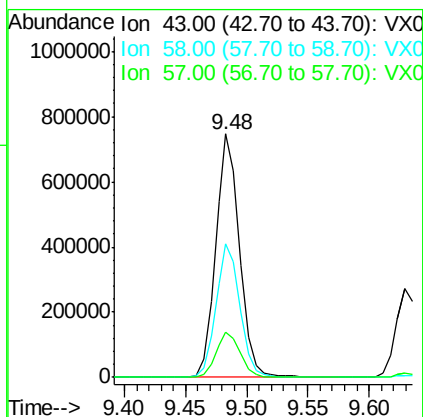
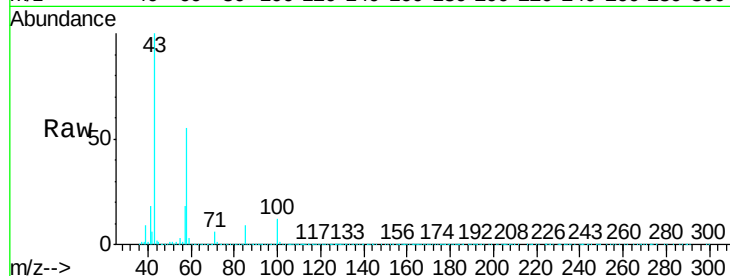




#59
2-Hexanone
Concen: 94.207 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX013521.D
Acq: 22 Nov 2019 10:02

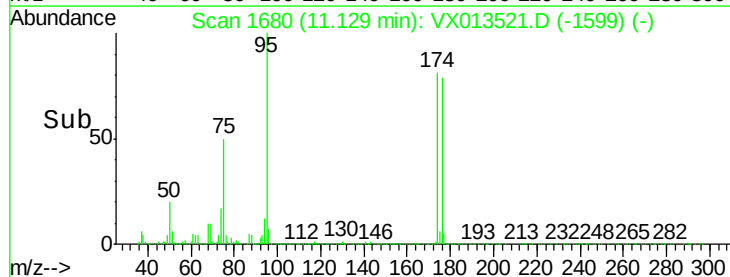
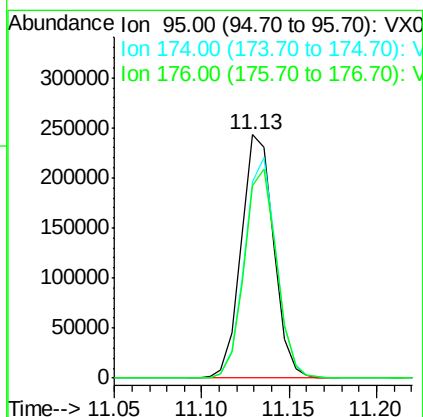
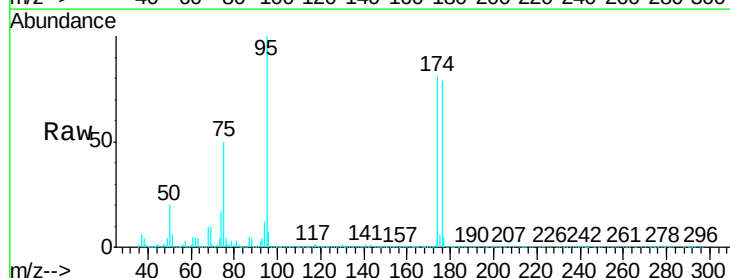
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

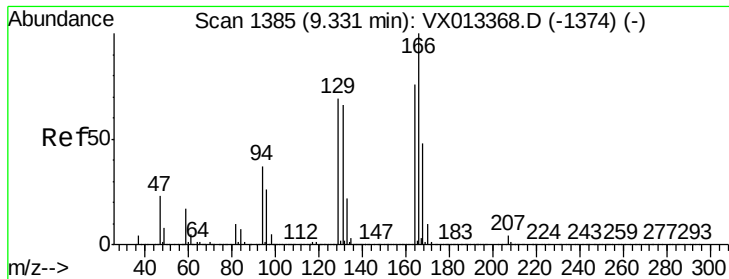
Tgt Ion: 43 Resp: 1006233
Ion Ratio Lower Upper
43 100
58 55.2 43.8 65.6
57 18.8 15.1 22.7



#60
4-Bromofluorobenzene
Concen: 30.077 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.01 min
Lab File: VX013521.D
Acq: 22 Nov 2019 10:02

Tgt Ion: 95 Resp: 312393
Ion Ratio Lower Upper
95 100
174 88.7 70.2 105.2
176 85.7 68.3 102.5





#61

Tetrachloroethene

Concen: 20.432 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VX013521.D

Acq: 22 Nov 2019 10:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion:164 Resp: 162815

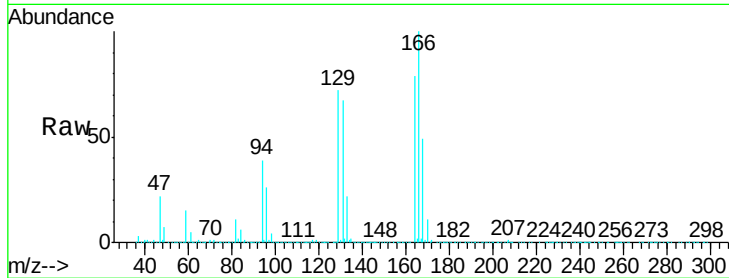
Ion Ratio Lower Upper

164 100

166 127.3 104.9 157.3

129 91.1 72.3 108.5

131 84.5 69.0 103.6

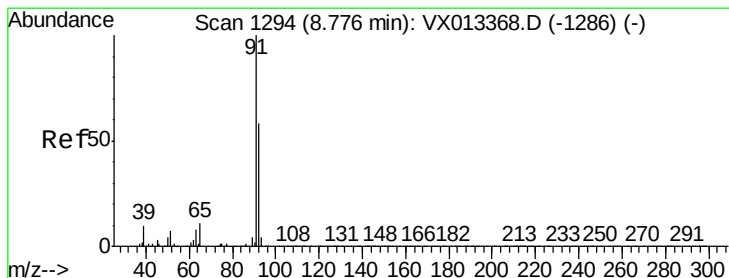
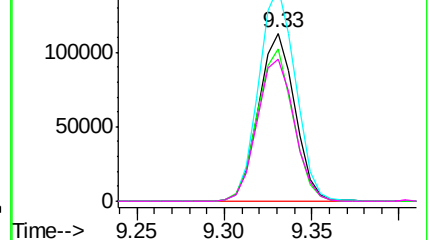
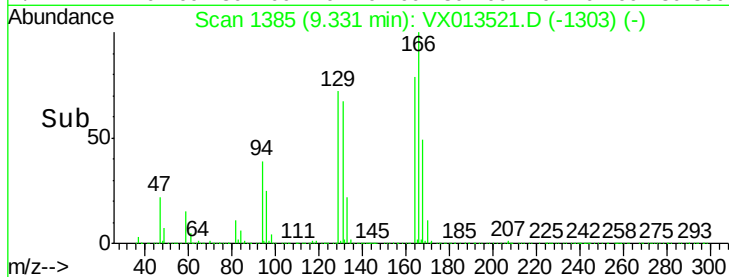


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 19.671 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX013521.D

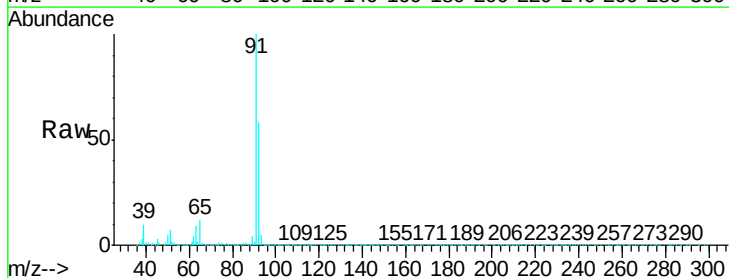
Acq: 22 Nov 2019 10:02

Tgt Ion: 91 Resp: 708063

Ion Ratio Lower Upper

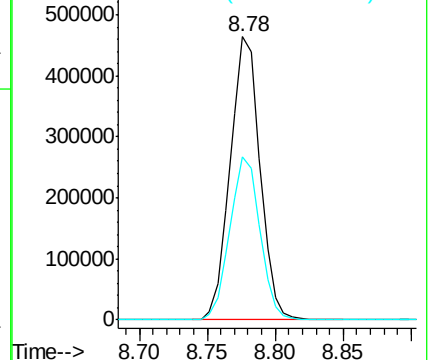
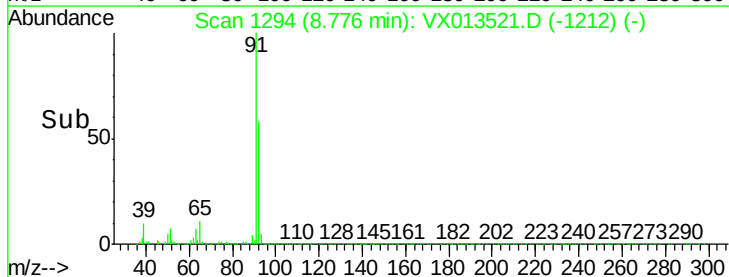
91 100

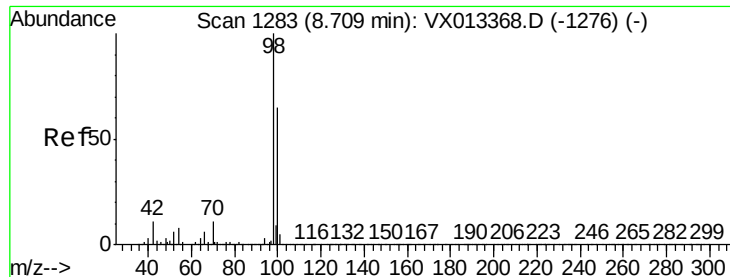
92 58.0 46.6 69.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 30.607 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX013521.D

Acq: 22 Nov 2019 10:02

Instrument :

MSVOA_X

ClientSampleId :

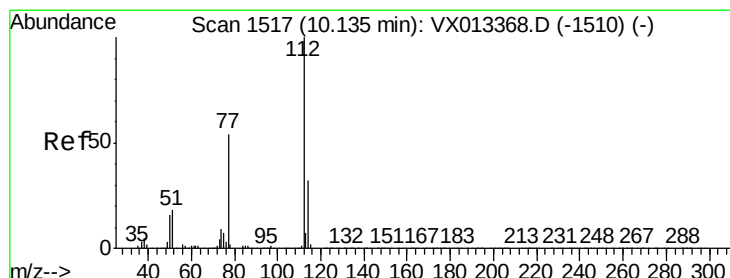
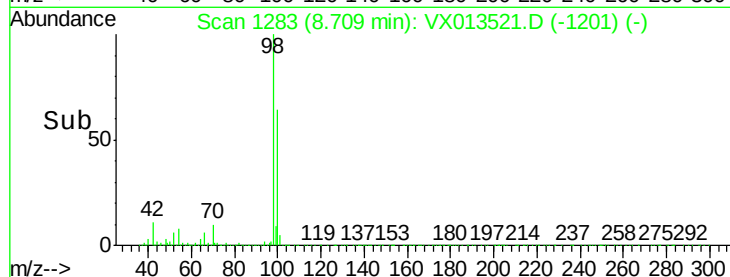
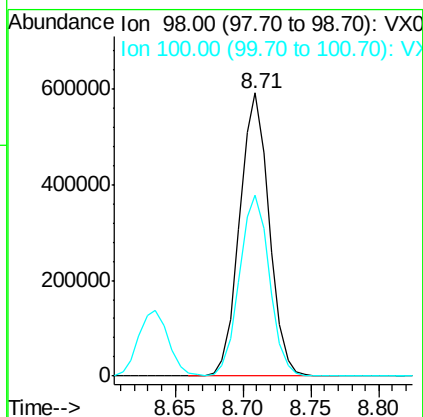
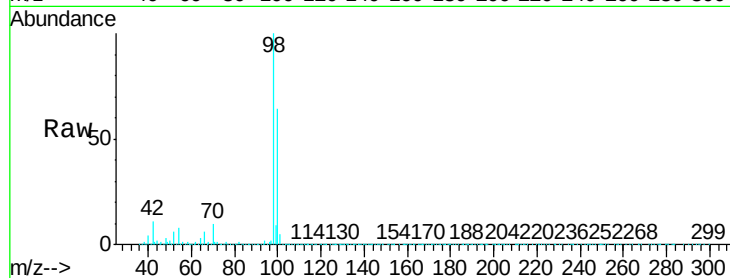
VSTDCCC020

Tgt Ion: 98 Resp: 894388

Ion Ratio Lower Upper

98 100

100 64.8 52.5 78.7



#64

Chlorobenzene

Concen: 19.585 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX013521.D

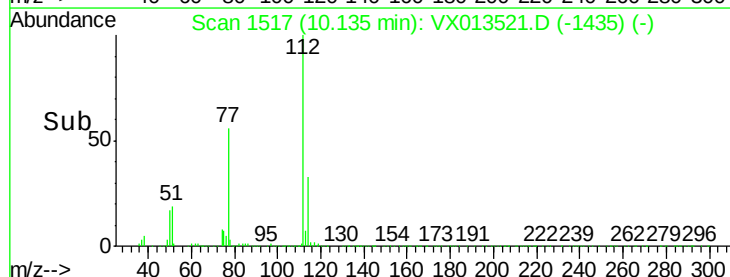
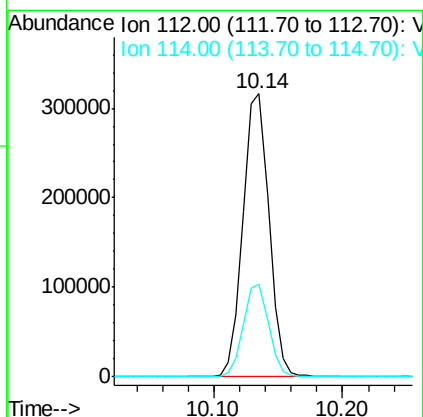
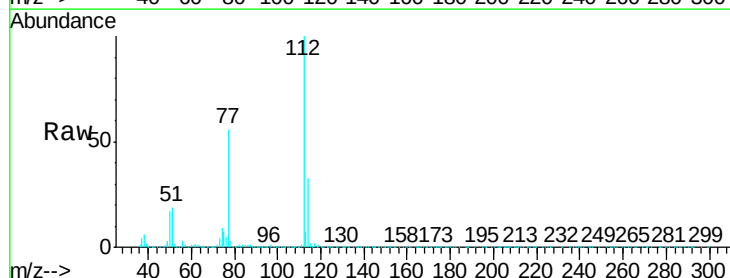
Acq: 22 Nov 2019 10:02

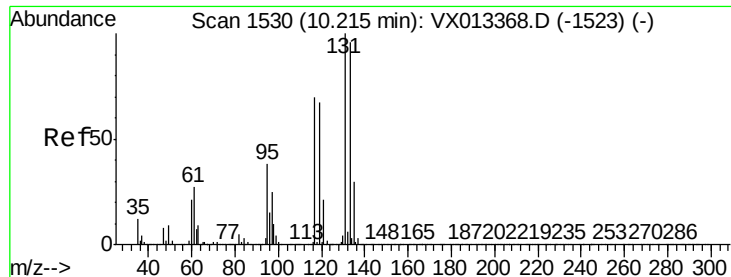
Tgt Ion: 112 Resp: 440789

Ion Ratio Lower Upper

112 100

114 32.5 25.7 38.5

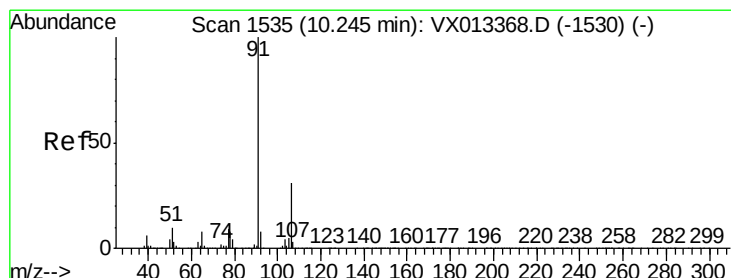
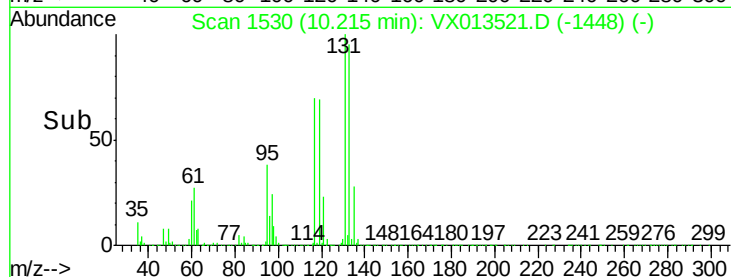
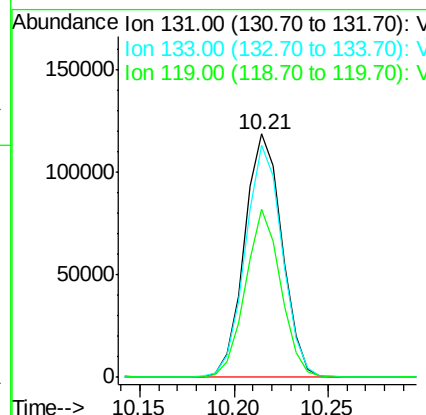
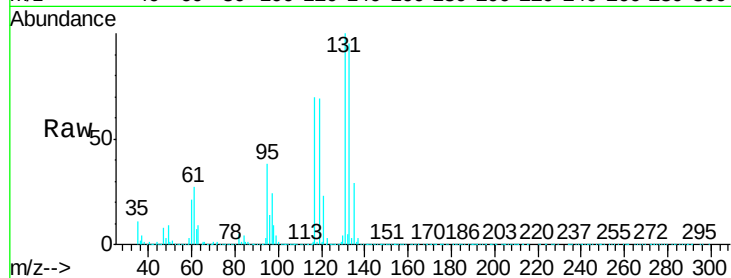




#65
 1,1,1,2-Tetrachloroethane
 Concen: 19.414 ug/l
 RT: 10.21 min Scan# 1530
 Delta R.T. 0.00 min
 Lab File: VX013521.D
 Acq: 22 Nov 2019 10:02

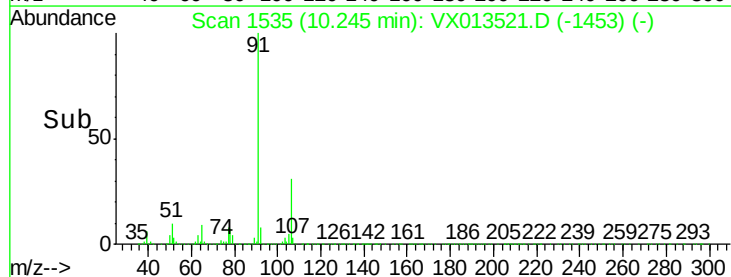
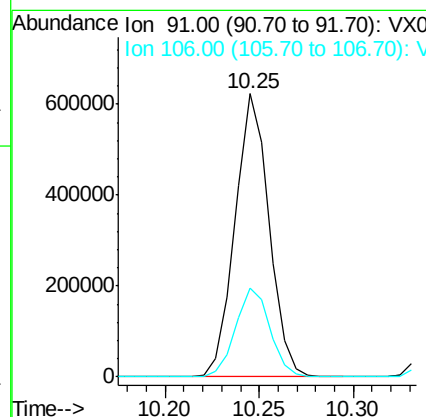
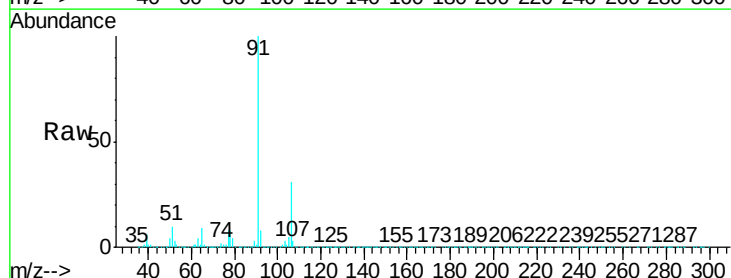
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

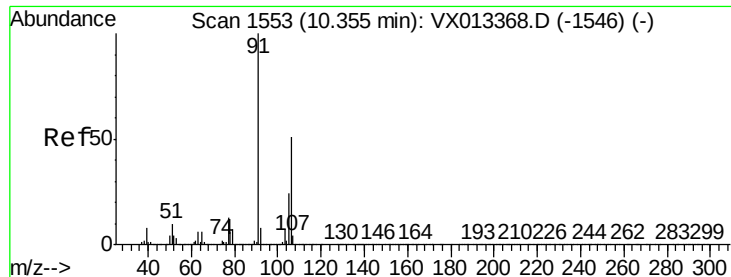
Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.0	0.0	192.2
119	65.5	0.0	134.4



#66
 Ethyl Benzene
 Concen: 19.725 ug/l
 RT: 10.25 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VX013521.D
 Acq: 22 Nov 2019 10:02

Tgt Ion	Ratio	Lower	Upper
91	100		
106	31.1	25.0	37.4

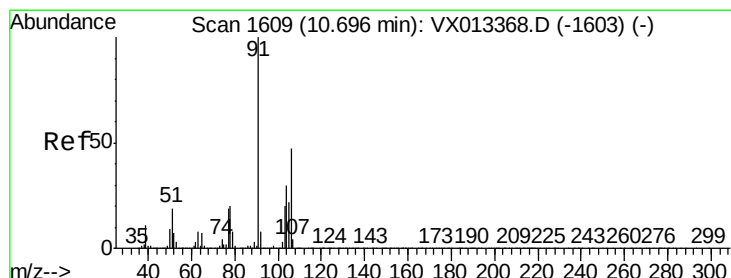
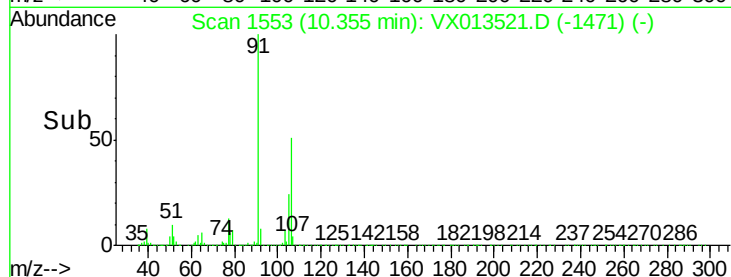
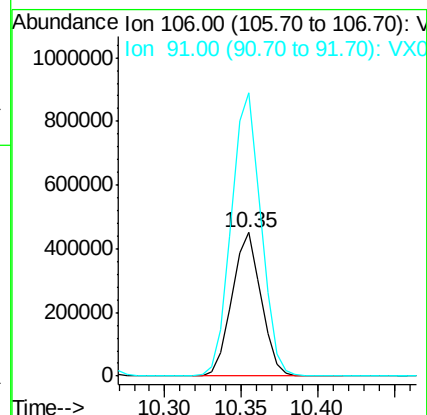
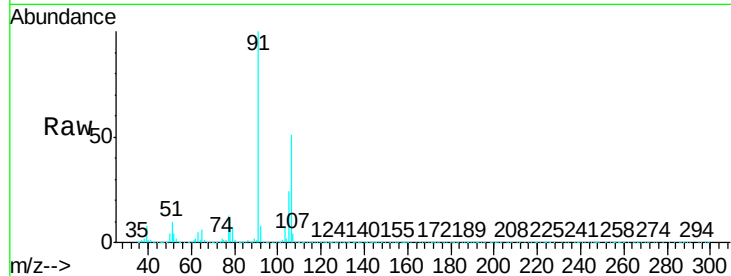




#67
m/p-Xylenes
Concen: 38.968 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX013521.D
Acq: 22 Nov 2019 10:02

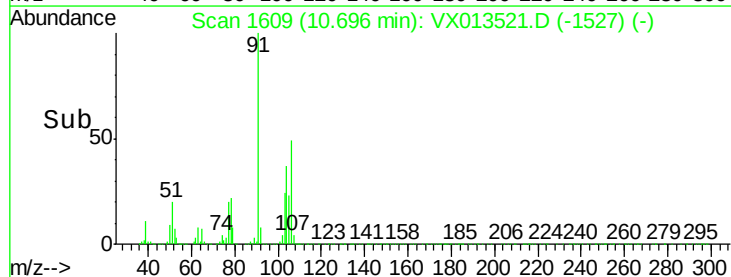
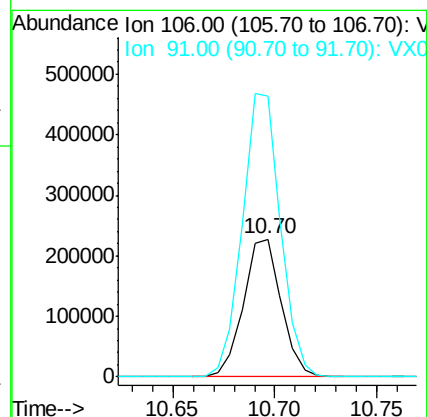
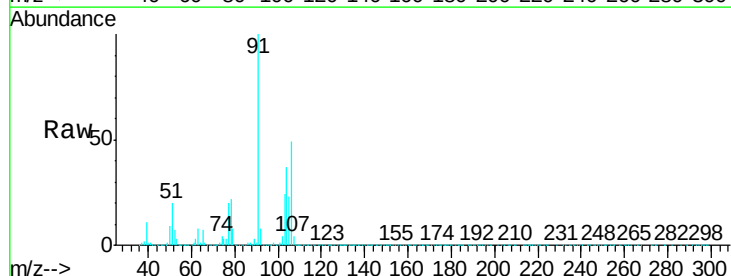
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

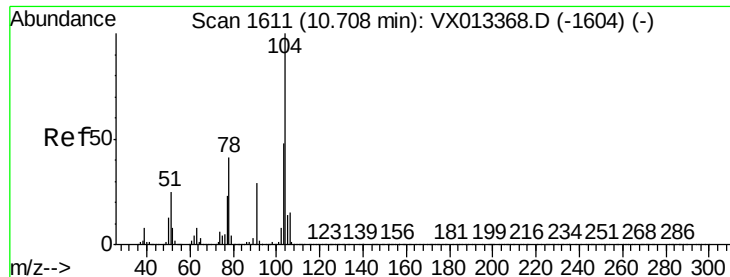
Tgt Ion:106 Resp: 594407
Ion Ratio Lower Upper
106 100
91 200.9 158.4 237.6



#68
o-Xylene
Concen: 19.855 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX013521.D
Acq: 22 Nov 2019 10:02

Tgt Ion:106 Resp: 292280
Ion Ratio Lower Upper
106 100
91 206.8 106.4 319.2





#69

Styrene

Concen: 19.399 ug/l

RT: 10.71 min Scan# 1611

Delta R.T. 0.00 min

Lab File: VX013521.D

Acq: 22 Nov 2019 10:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

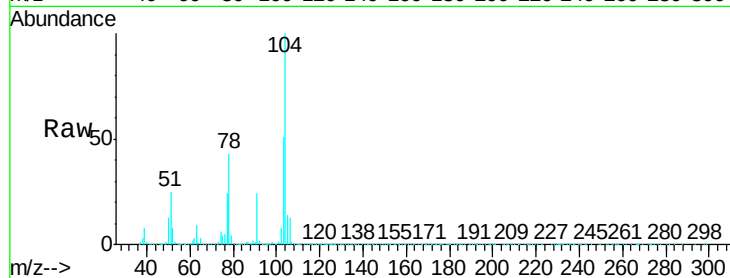
Tgt Ion:104 Resp: 487633

Ion Ratio Lower Upper

104 100

78 48.2 38.2 57.4

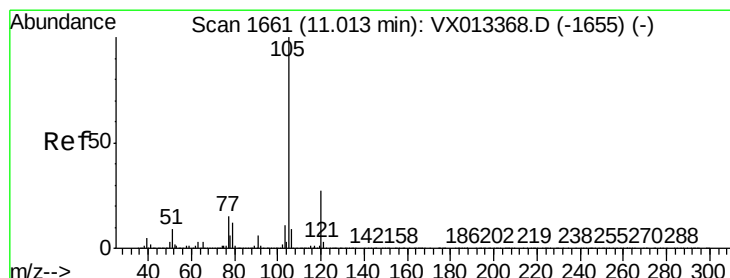
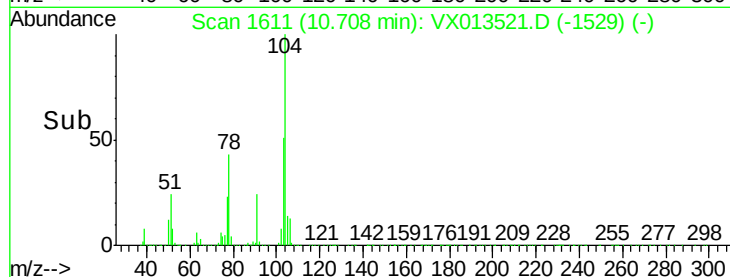
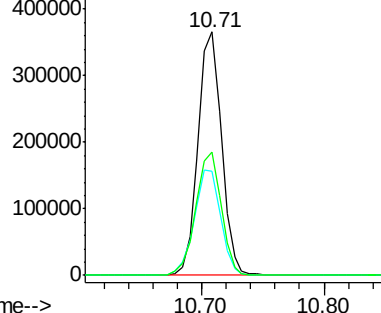
103 54.8 43.2 64.8



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V



#70

Isopropylbenzene

Concen: 19.908 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX013521.D

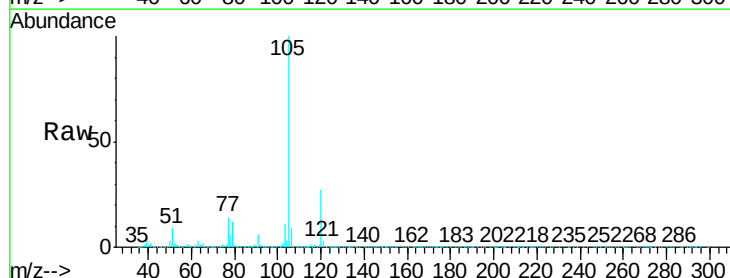
Acq: 22 Nov 2019 10:02

Tgt Ion:105 Resp: 772246

Ion Ratio Lower Upper

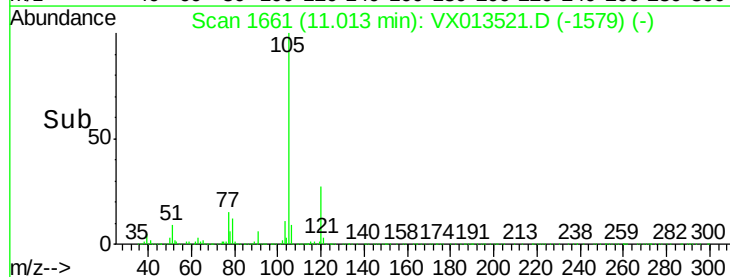
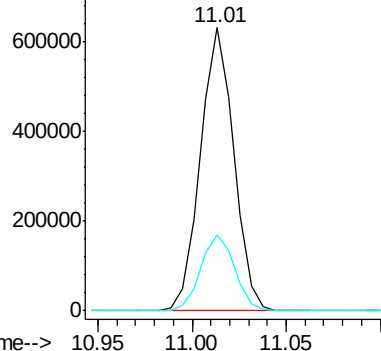
105 100

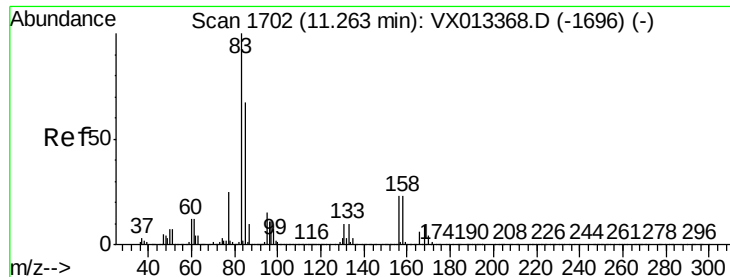
120 27.1 18.8 34.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

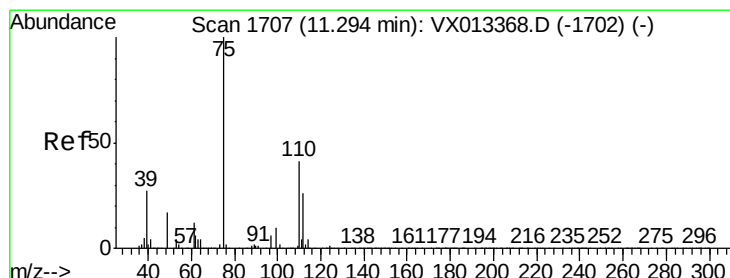
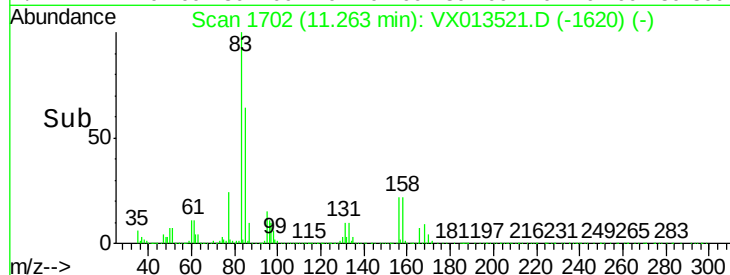
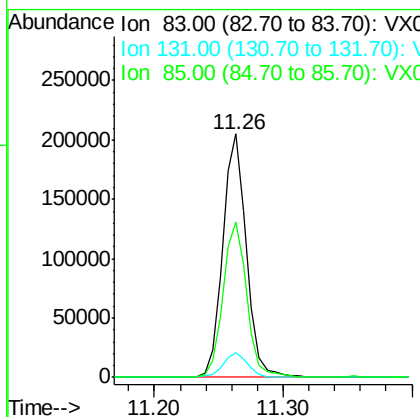
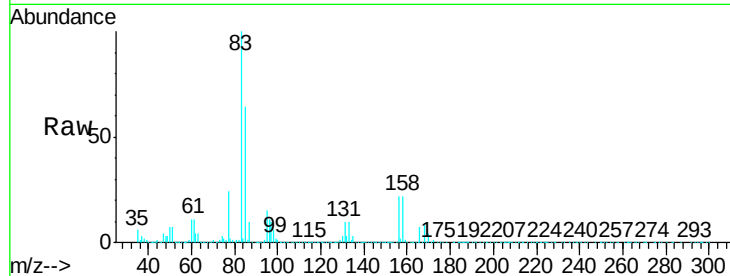




#71
 1,1,2,2-Tetrachloroethane
 Concen: 19.014 ug/l
 RT: 11.26 min Scan# 1702
 Delta R.T. 0.00 min
 Lab File: VX013521.D
 Acq: 22 Nov 2019 10:02

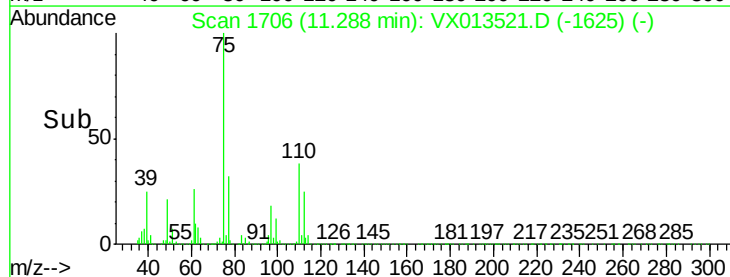
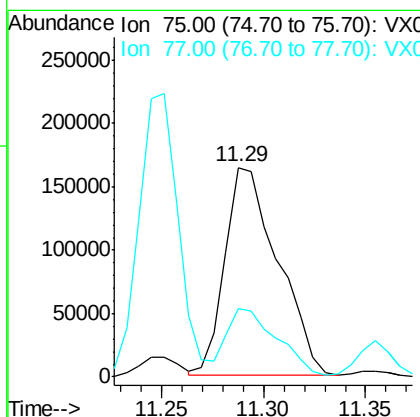
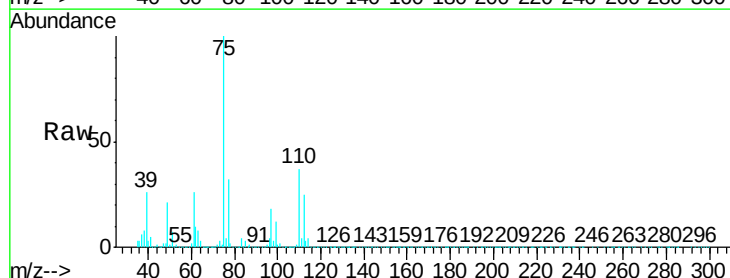
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

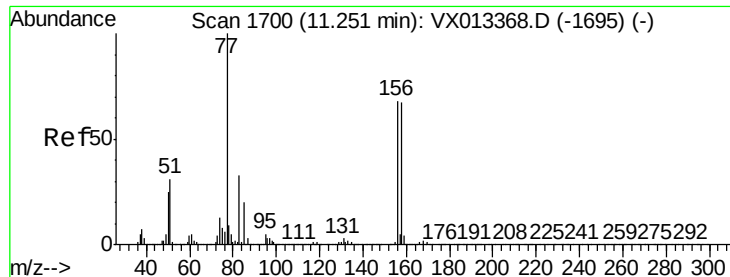
Tgt Ion: 83 Resp: 264082
 Ion Ratio Lower Upper
 83 100
 131 10.3 4.7 14.1
 85 64.3 32.6 97.7



#72
 1,2,3-Trichloropropane
 Concen: 25.133 ug/l
 RT: 11.29 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: VX013521.D
 Acq: 22 Nov 2019 10:02

Tgt Ion: 75 Resp: 294750
 Ion Ratio Lower Upper
 75 100
 77 29.5 0.0 86.2





#73

Bromobenzene

Concen: 19.529 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX013521.D

Acq: 22 Nov 2019 10:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

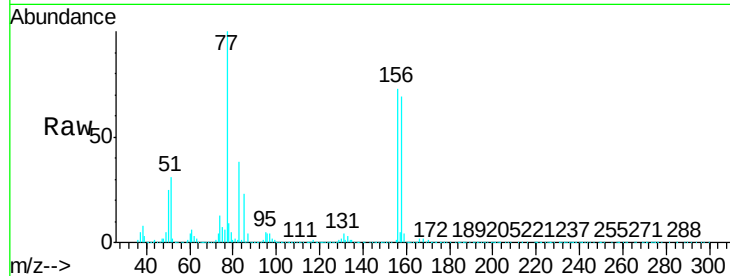
Tgt Ion: 156 Resp: 199778

Ion Ratio Lower Upper

156 100

77 150.8 0.0 308.8

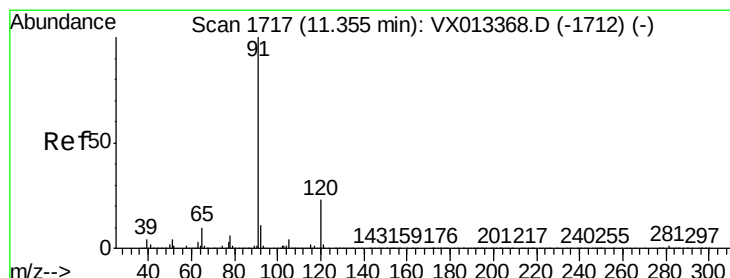
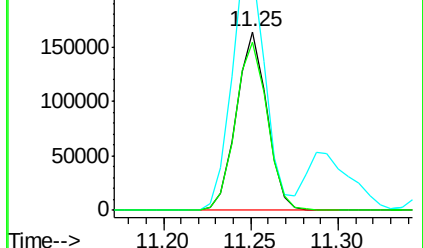
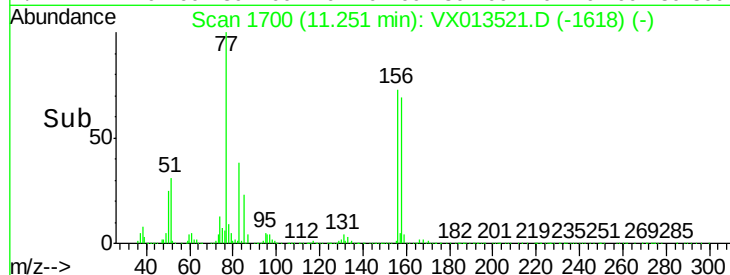
158 97.8 0.0 197.0



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 19.890 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX013521.D

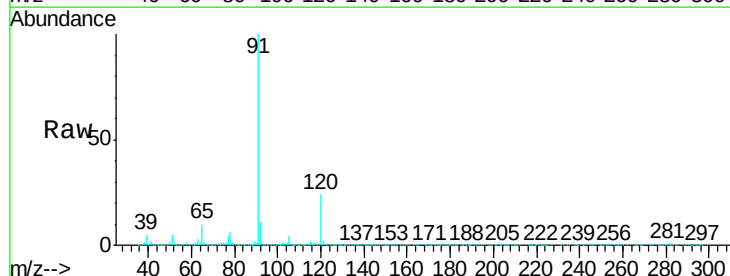
Acq: 22 Nov 2019 10:02

Tgt Ion: 91 Resp: 876813

Ion Ratio Lower Upper

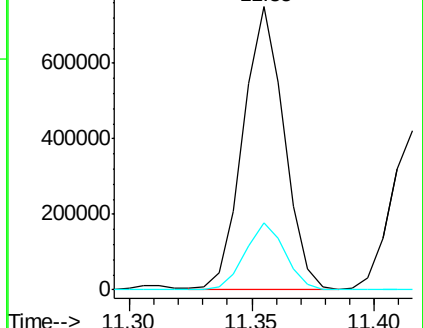
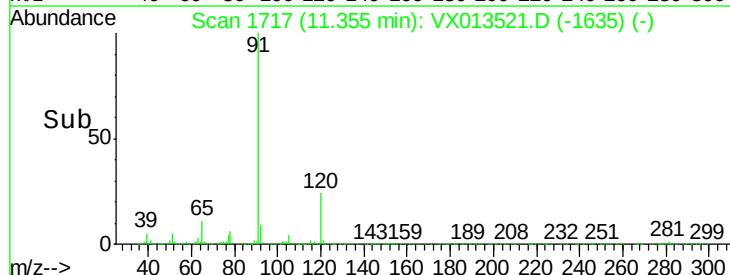
91 100

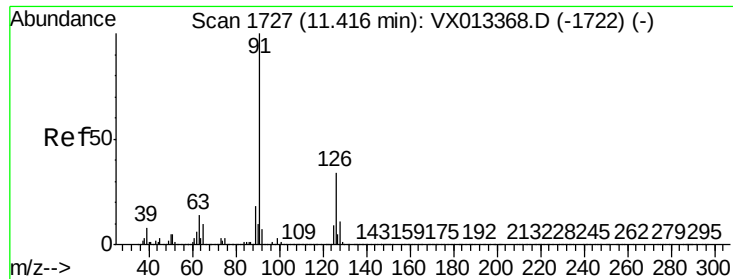
120 23.2 0.0 46.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 19.771 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX013521.D

Acq: 22 Nov 2019 10:02

Instrument :

MSVOA_X

ClientSampleId :

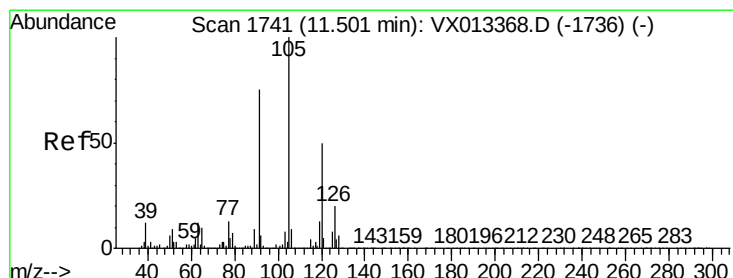
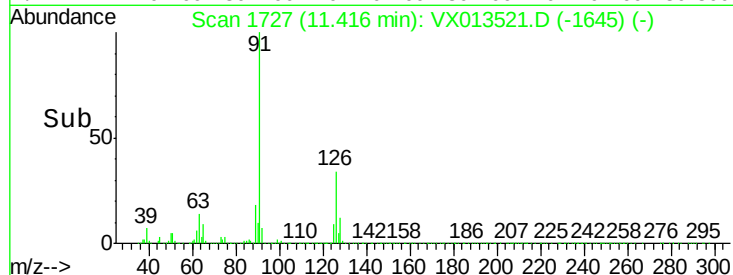
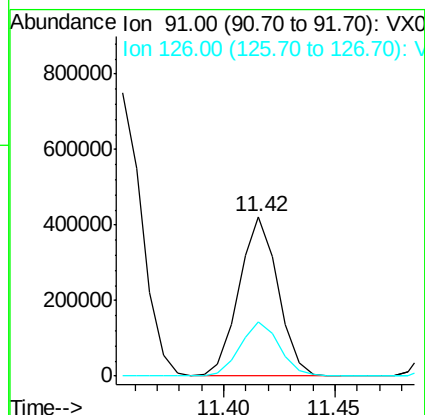
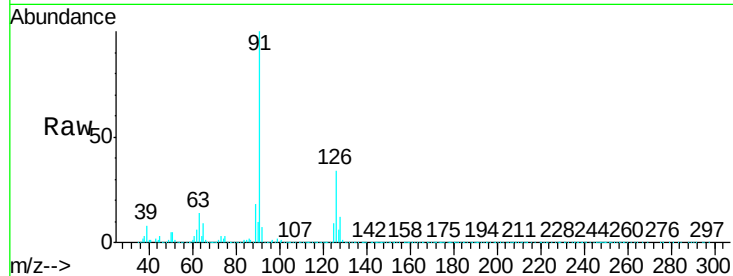
VSTDCCC020

Tgt Ion: 91 Resp: 518282

Ion Ratio Lower Upper

91 100

126 34.2 0.0 69.0



#76

1,3,5-Trimethylbenzene

Concen: 19.917 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX013521.D

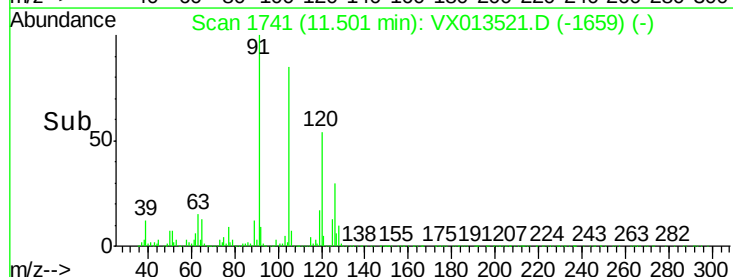
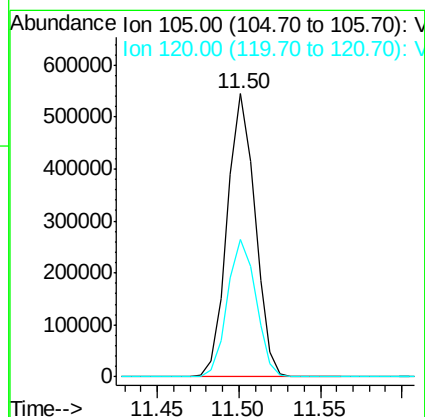
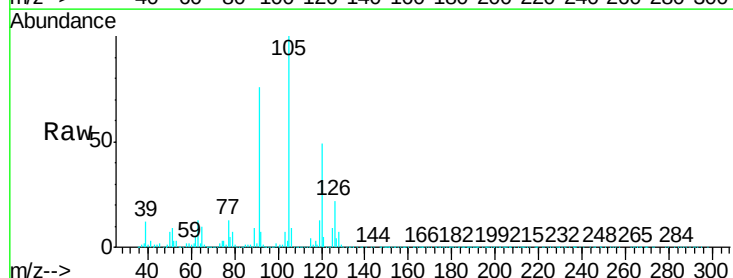
Acq: 22 Nov 2019 10:02

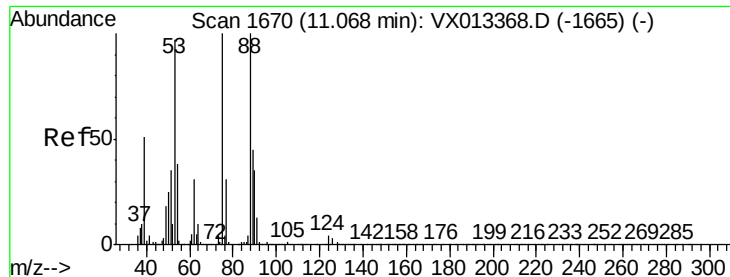
Tgt Ion: 105 Resp: 649399

Ion Ratio Lower Upper

105 100

120 49.6 0.0 100.0

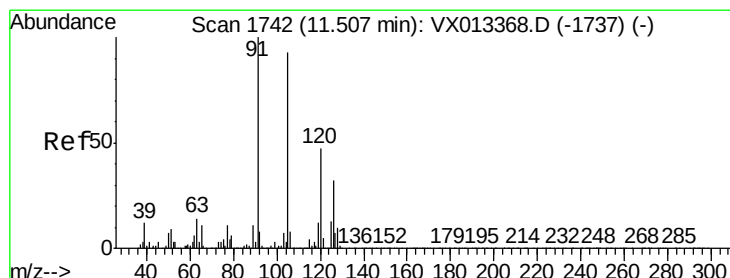
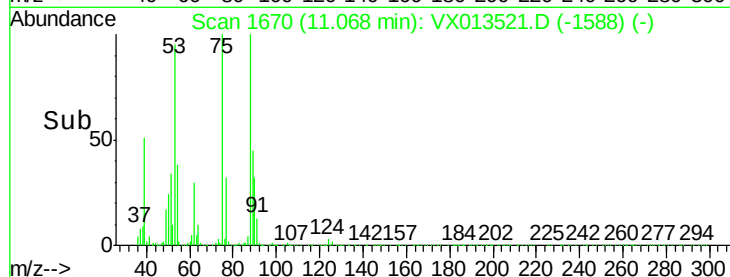
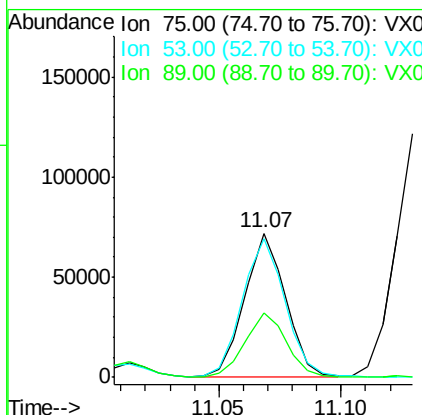
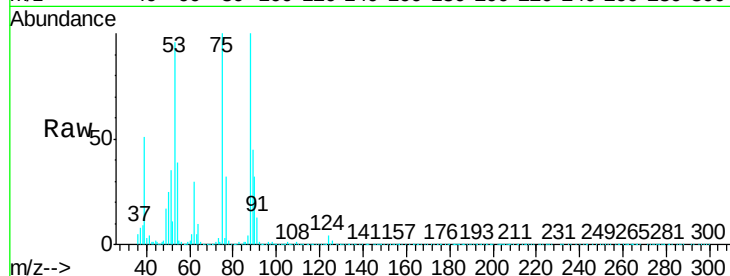




#77
t-1,4-Dichloro-2-butene
Concen: 17.799 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX013521.D
Acq: 22 Nov 2019 10:02

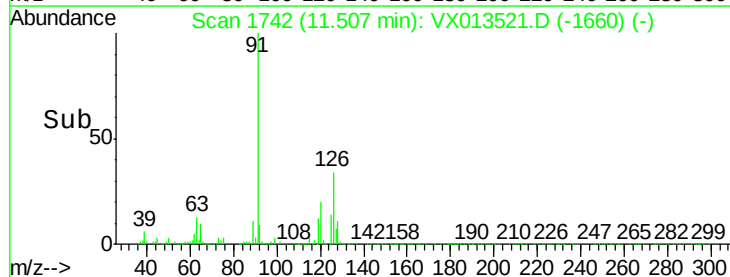
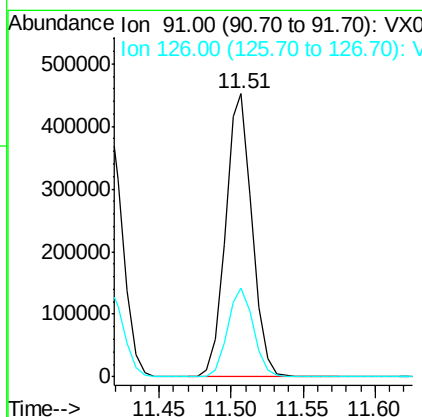
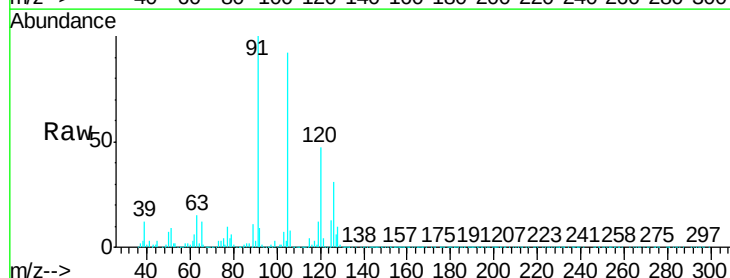
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

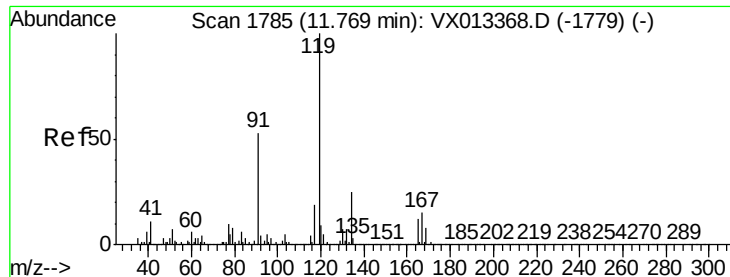
Tgt Ion	Ratio	Lower	Upper
75	100		
53	95.9	48.8	146.3
89	44.9	22.3	66.8



#78
4-Chlorotoluene
Concen: 19.395 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX013521.D
Acq: 22 Nov 2019 10:02

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.7	0.0	61.0

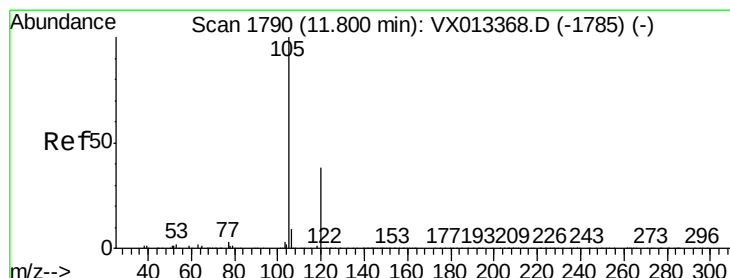
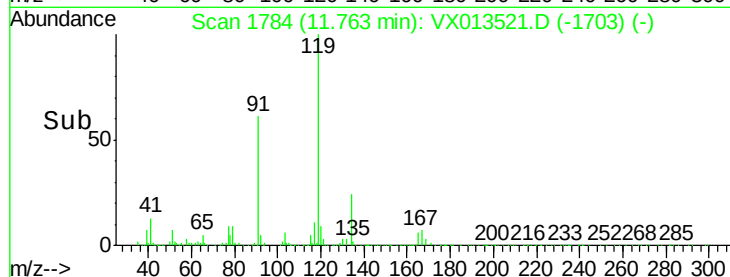
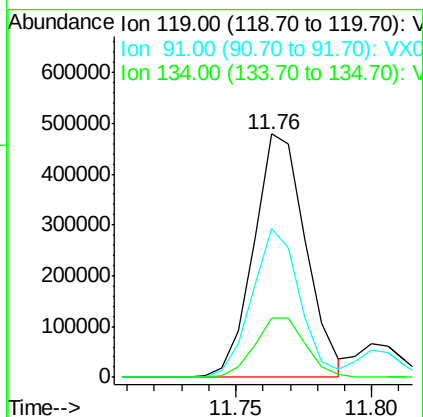
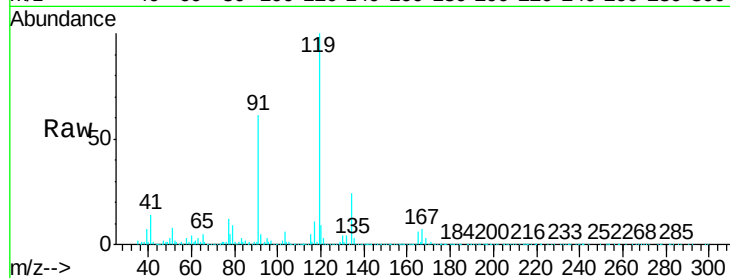




#79
tert-butylbenzene
Concen: 19.303 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.01 min
Lab File: VX013521.D
Acq: 22 Nov 2019 10:02

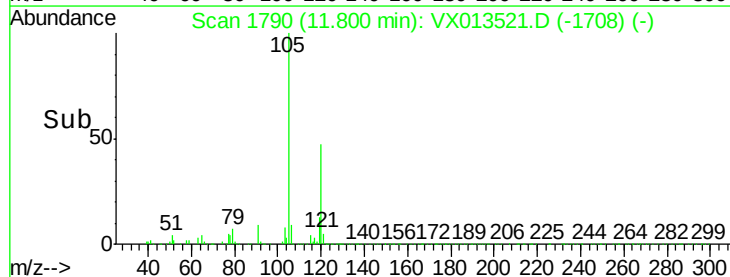
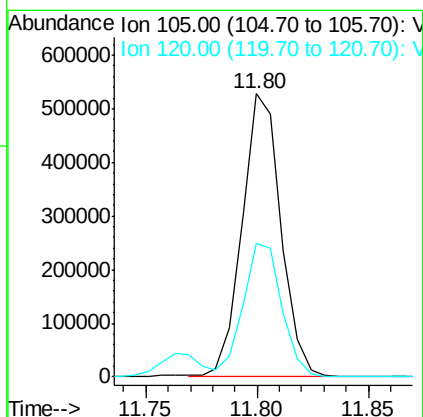
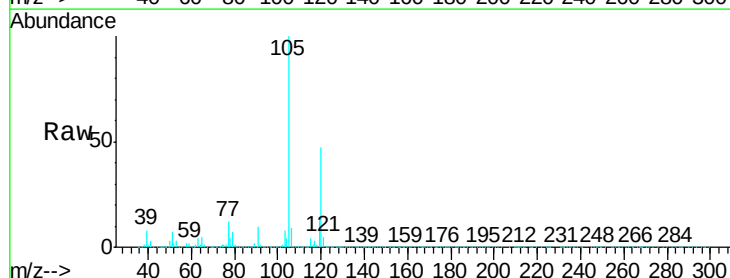
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

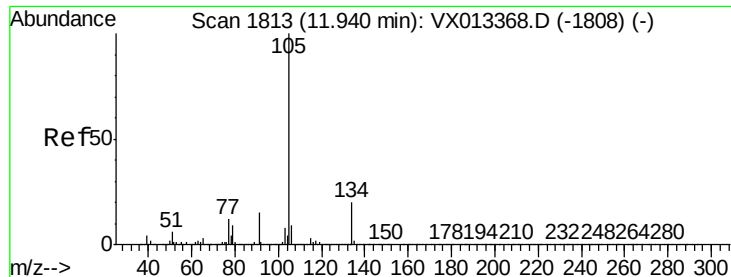
Tgt Ion:119 Resp: 635022
Ion Ratio Lower Upper
119 100
91 56.1 0.0 109.6
134 24.3 0.0 47.8



#80
1,2,4-Trimethylbenzene
Concen: 19.742 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. 0.00 min
Lab File: VX013521.D
Acq: 22 Nov 2019 10:02

Tgt Ion:105 Resp: 641466
Ion Ratio Lower Upper
105 100
120 47.0 0.0 94.0

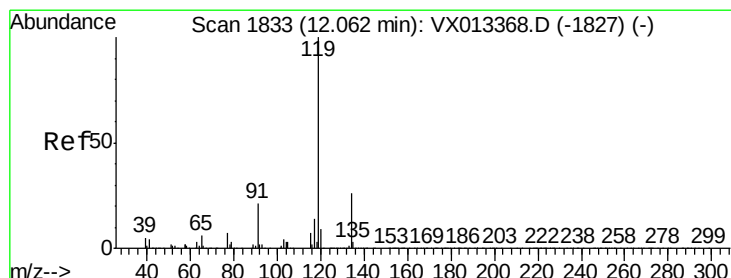
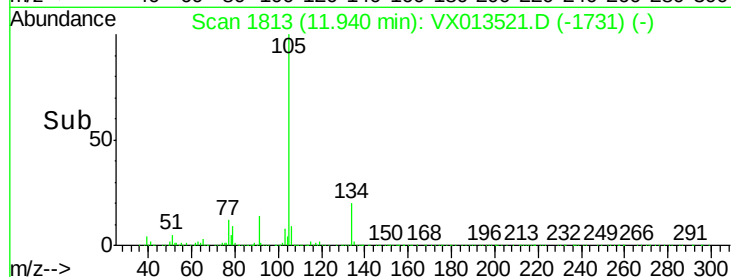
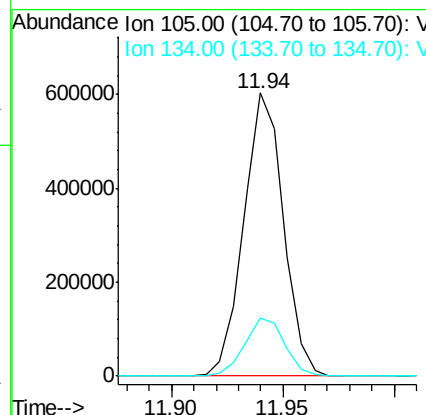
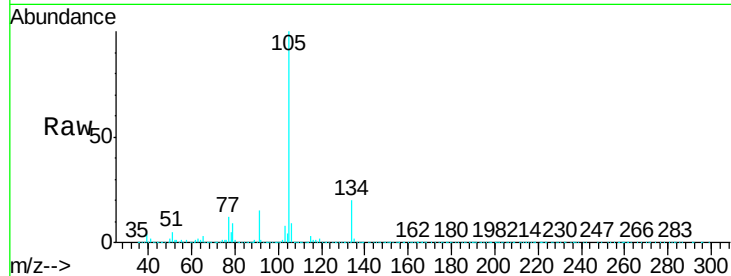




#81
 sec-Butylbenzene
 Concen: 19.873 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX013521.D
 Acq: 22 Nov 2019 10:02

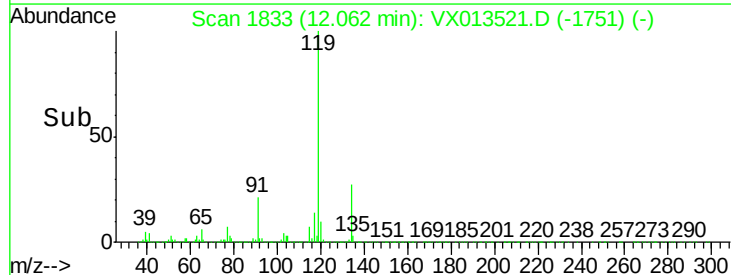
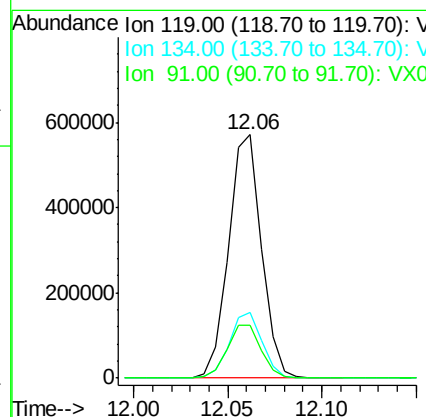
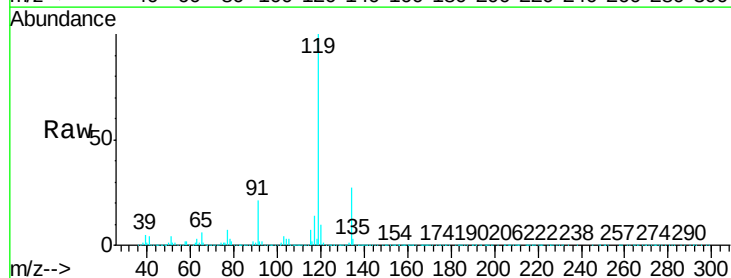
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

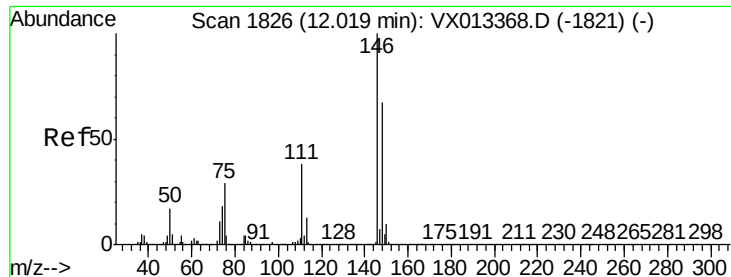
Tgt Ion:105 Resp: 745918
 Ion Ratio Lower Upper
 105 100
 134 20.8 0.0 41.2



#82
 p-Isopropyltoluene
 Concen: 19.879 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. 0.00 min
 Lab File: VX013521.D
 Acq: 22 Nov 2019 10:02

Tgt Ion:119 Resp: 687440
 Ion Ratio Lower Upper
 119 100
 134 26.8 0.0 51.6
 91 22.3 0.0 44.2





#83

1,3-Dichlorobenzene

Concen: 19.256 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VX013521.D

Acq: 22 Nov 2019 10:02

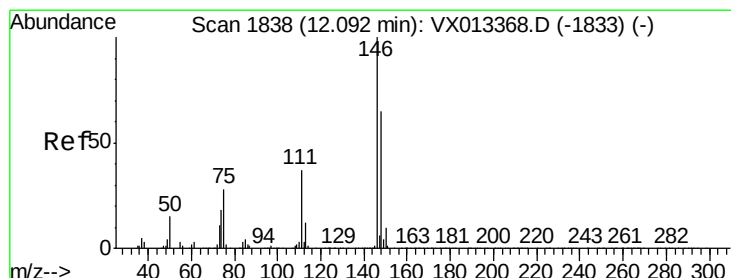
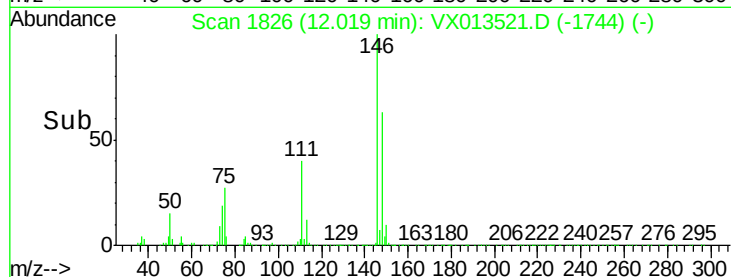
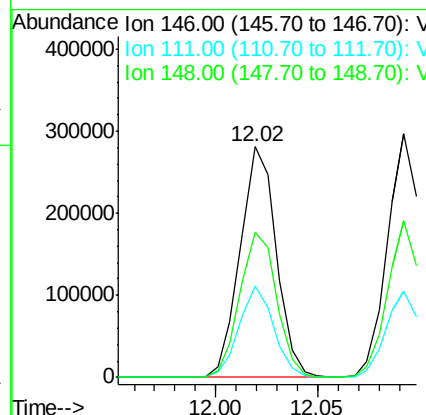
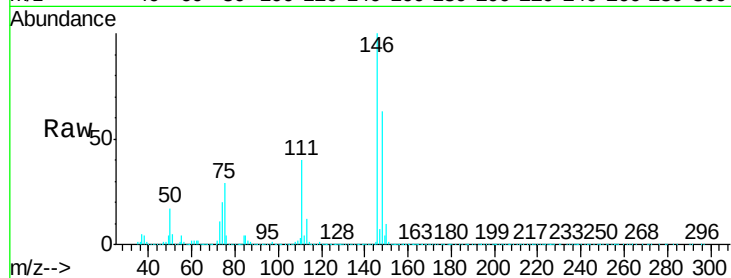
Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion:	146	Resp:	346325
Ion	Ratio	Lower	Upper
146	100		
111	37.5	18.8	56.3
148	64.0	32.3	96.9



#84

1,4-Dichlorobenzene

Concen: 19.713 ug/l

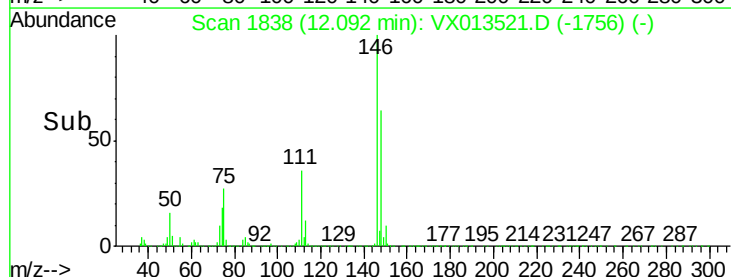
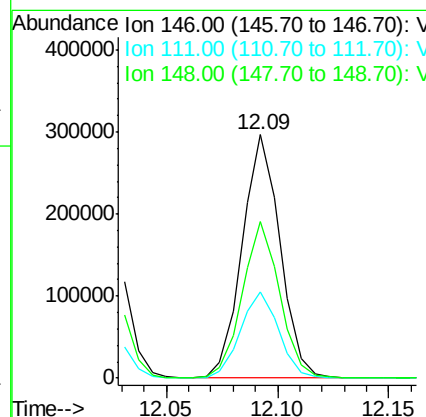
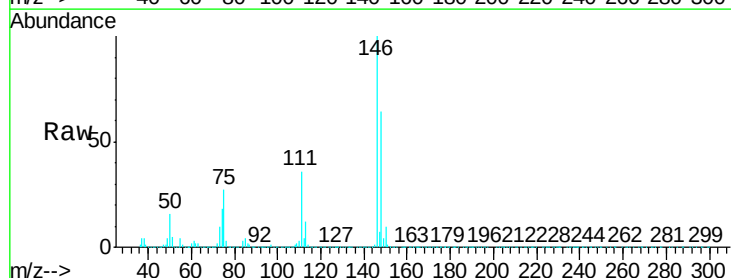
RT: 12.09 min Scan# 1838

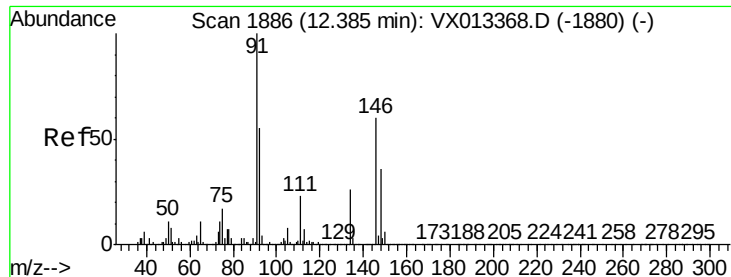
Delta R.T. 0.00 min

Lab File: VX013521.D

Acq: 22 Nov 2019 10:02

Tgt Ion:	146	Resp:	351921
Ion	Ratio	Lower	Upper
146	100		
111	35.7	18.6	55.6
148	63.0	32.5	97.4





#85

n-Butylbenzene

Concen: 19.551 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX013521.D

Acq: 22 Nov 2019 10:02

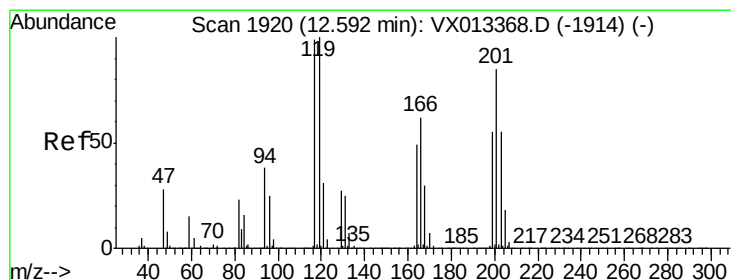
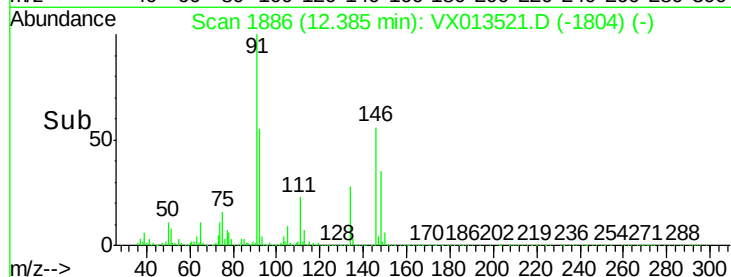
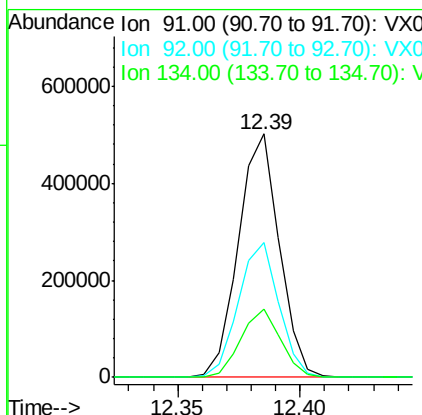
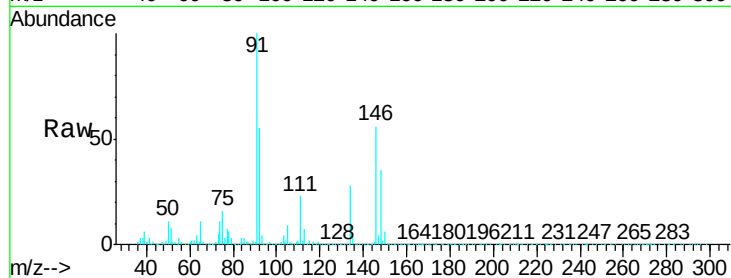
Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion:	91	Resp:	583537
Ion	Ratio	Lower	Upper
91	100		
92	55.0	0.0	109.0
134	27.5	0.0	53.0



#86

Hexachloroethane

Concen: 18.879 ug/l

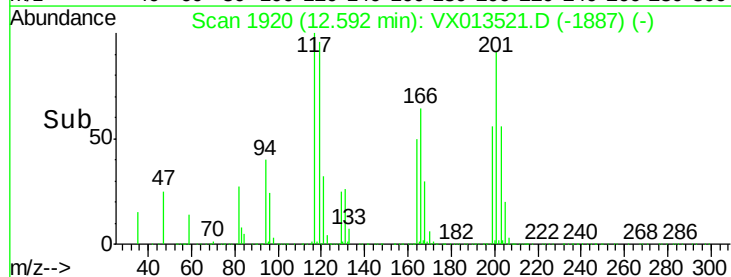
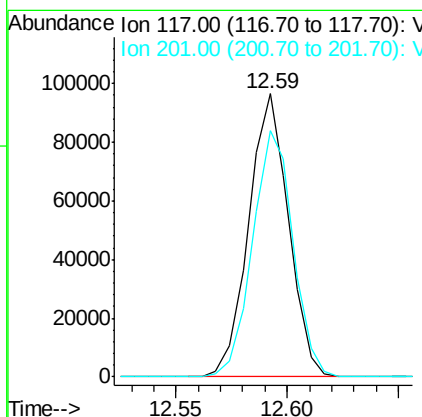
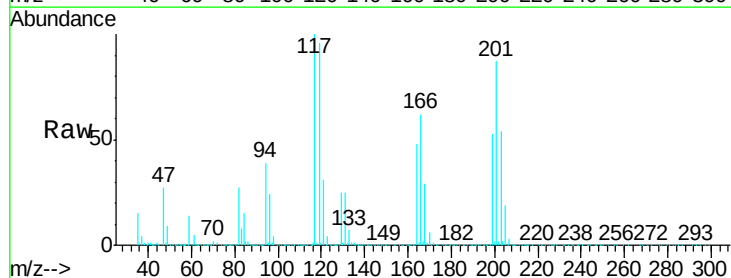
RT: 12.59 min Scan# 1920

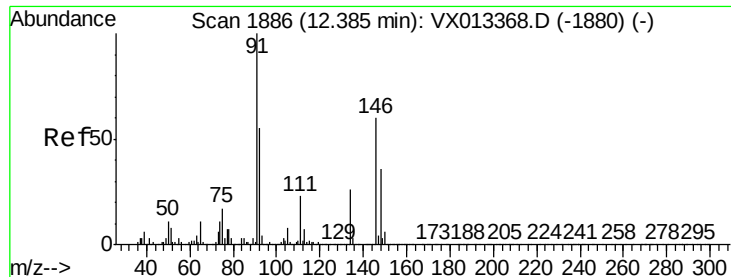
Delta R.T. 0.00 min

Lab File: VX013521.D

Acq: 22 Nov 2019 10:02

Tgt Ion:	117	Resp:	119806
Ion	Ratio	Lower	Upper
117	100		
201	88.8	44.5	133.3

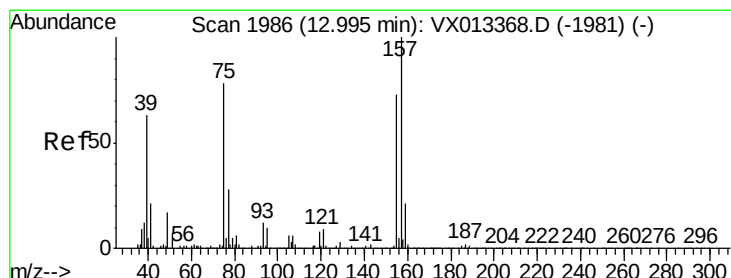
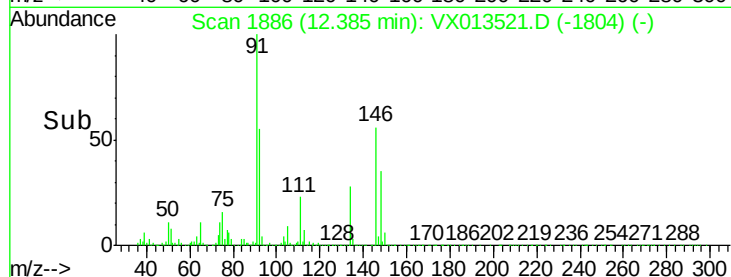
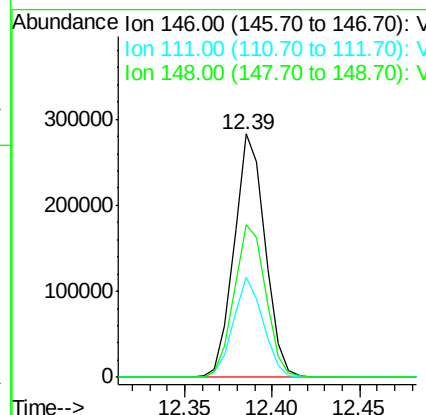
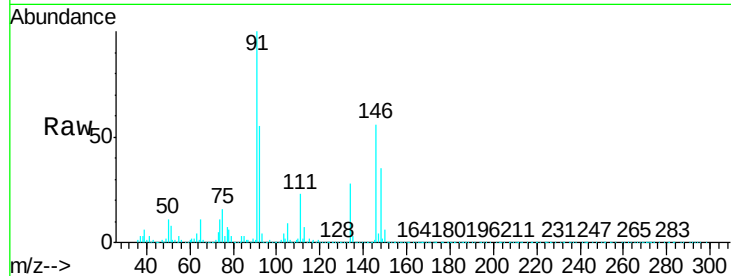




#87
 1,2-Dichlorobenzene
 Concen: 19.349 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX013521.D
 Acq: 22 Nov 2019 10:02

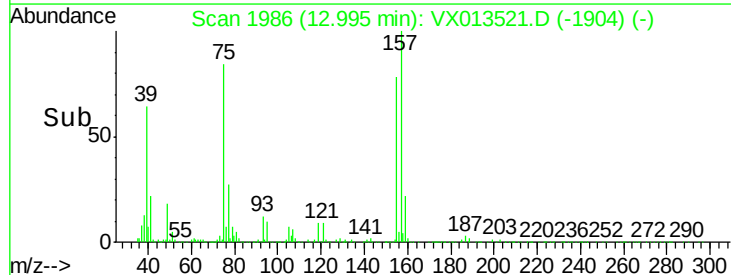
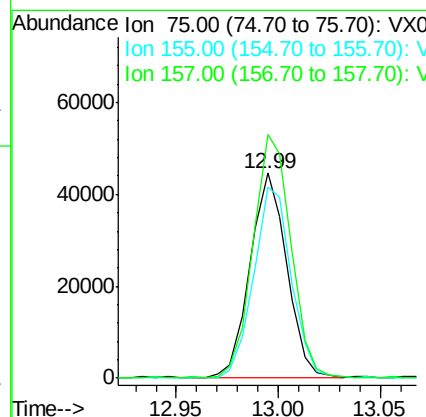
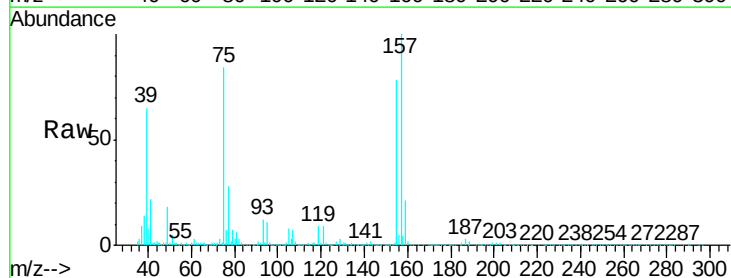
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

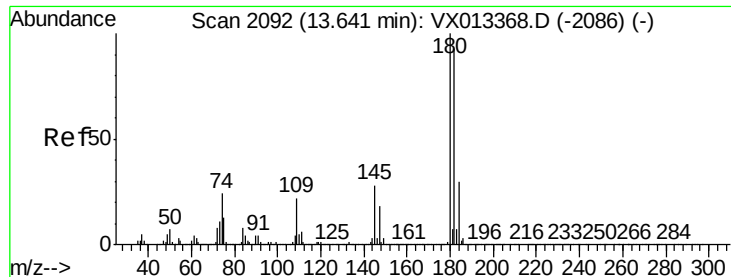
Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.8	19.6	58.7
148	64.1	31.6	94.7



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 17.819 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX013521.D
 Acq: 22 Nov 2019 10:02

Tgt Ion	Ratio	Lower	Upper
75	100		
155	96.1	76.9	115.3
157	124.0	101.2	151.8

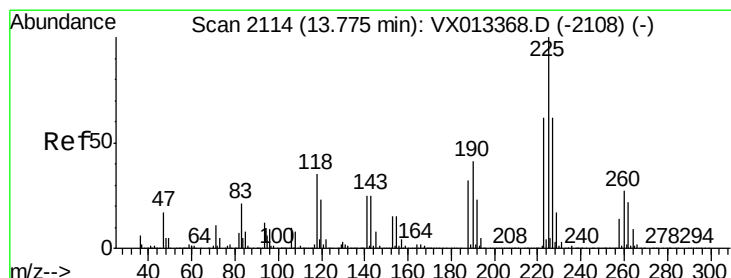
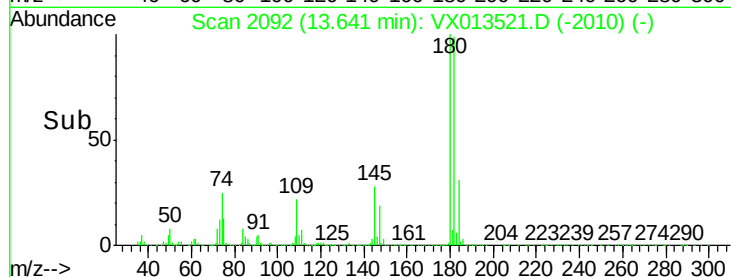
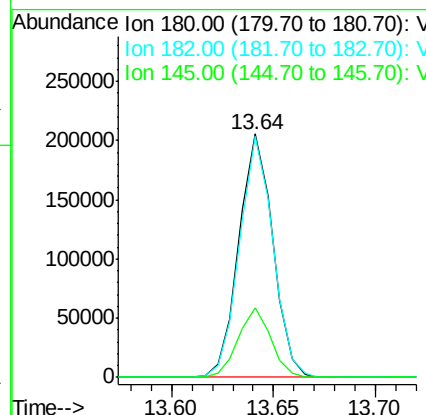
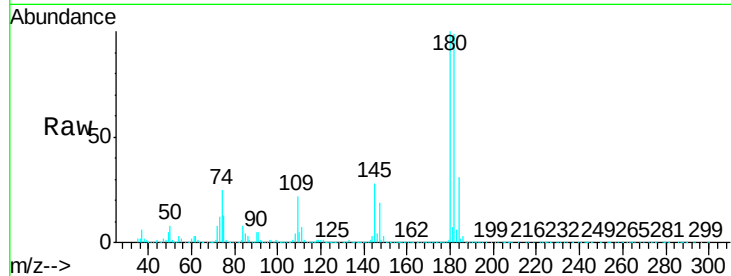




#89
 1,2,4-Trichlorobenzene
 Concen: 19.074 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX013521.D
 Acq: 22 Nov 2019 10:02

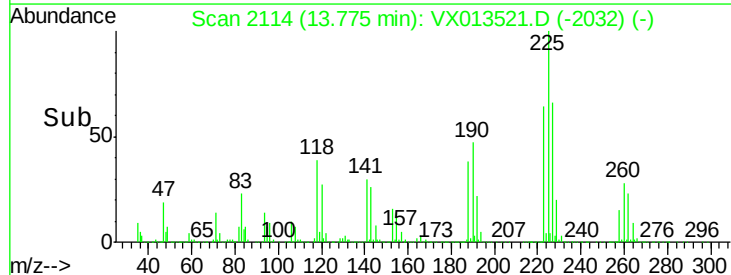
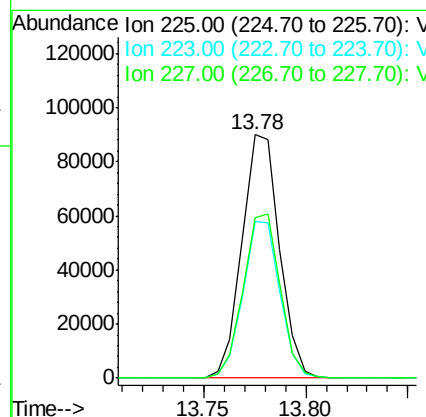
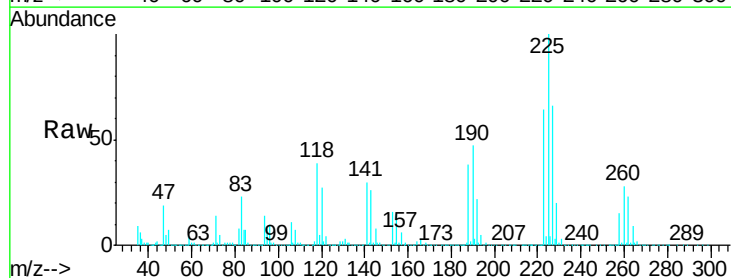
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

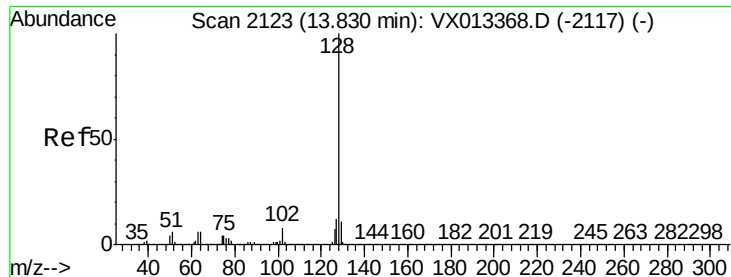
Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.7	74.7	112.1
145	27.5	22.1	33.1



#90
 Hexachlorobutadiene
 Concen: 19.299 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX013521.D
 Acq: 22 Nov 2019 10:02

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.6	0.0	123.0
227	66.5	0.0	121.8

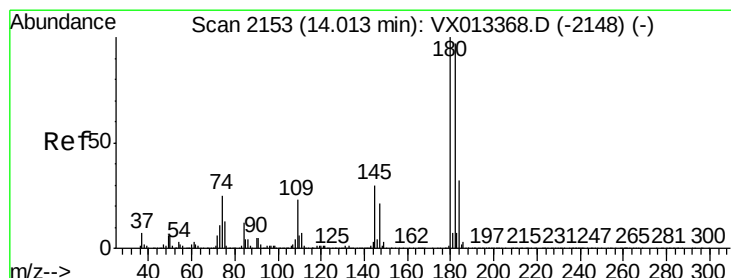
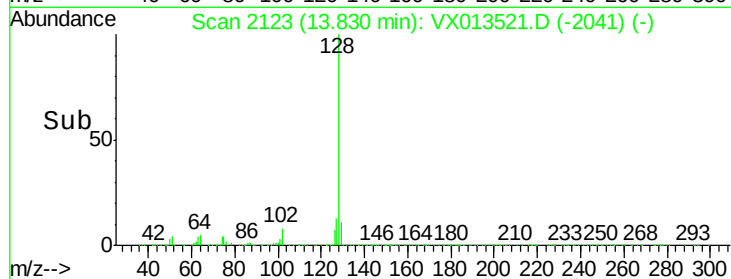
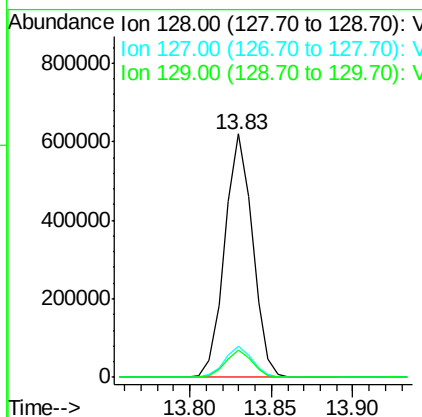
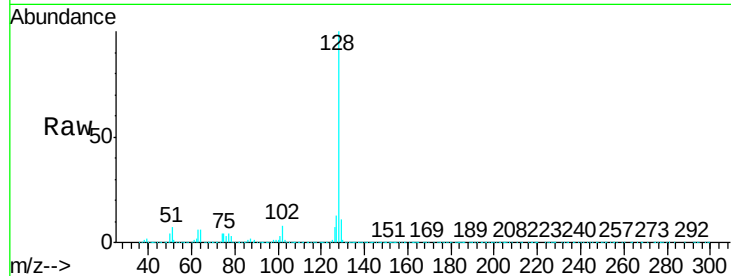




#91
Naphthalene
Concen: 18.729 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX013521.D
Acq: 22 Nov 2019 10:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.2	15.2
129	10.9	8.8	13.2



#92
1,2,3-Trichlorobenzene
Concen: 19.371 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX013521.D
Acq: 22 Nov 2019 10:02

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.2	0.0	191.0
145	29.4	0.0	59.0

