

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111119\
 Data File : VX013368.D
 Acq On : 11 Nov 2019 16:53
 Operator : JC/SP
 Sample : VSTDICCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

Quant Time: Nov 12 01:04:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X111119W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Nov 12 01:01:06 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.00	128	122815	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	688170	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	610518	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.05	65	262890	27.68	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	92.27%
60) 4-Bromofluorobenzene	11.14	95	289954	27.76	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	92.53%
63) Toluene-d8	8.71	98	836567	30.81	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	102.70%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.19	85	177081	20.088	ug/l 100
3) Chloromethane	1.31	50	191766	23.646	ug/l 100
4) Vinyl Chloride	1.40	62	217160	25.353	ug/l 100
5) Bromomethane	1.63	94	115863	25.868	ug/l 100
6) Chloroethane	1.72	64	116473	22.302	ug/l 100
7) Trichlorofluoromethane	1.92	101	227071	18.131	ug/l 100
8) Diethyl Ether	2.17	74	102903	22.647	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	137938	17.914	ug/l 100
10) 1,1-Dichloroethene	2.36	96	139735	18.726	ug/l 100
11) Methyl Iodide	2.50	142	163275	17.113	ug/l 100
12) Methyl Acetate	2.76	43	247149	24.104	ug/l 100
13) Acrolein	2.28	56	130777	92.885	ug/l 100
14) Acrylonitrile	3.13	53	450906	108.505	ug/l 100
15) Acetone	2.43	58	155508	113.479	ug/l 100
16) Carbon Disulfide	2.56	76	384802	19.122	ug/l 100
17) Allyl chloride	2.72	41	258737	21.155	ug/l 100
18) Methylene Chloride	2.84	84	155936	18.135	ug/l 100
19) trans-1,2-Dichloroethene	3.15	96	147976	18.700	ug/l 100
20) Diisopropyl ether	3.84	45	494794	21.038	ug/l 100
21) 1,1-Dichloroethane	3.69	63	268831	19.186	ug/l 100
22) cis-1,2-Dichloroethene	4.58	96	168784	18.741	ug/l 100
23) tert-Butyl Alcohol	3.03	59	205944	96.667	ug/l 100
24) Methyl tert-Butyl Ether	3.18	73	463996	18.125	ug/l 100
25) Chloroform	5.20	83	264565	18.203	ug/l 100
26) Cyclohexane	5.57	56	241467	19.509	ug/l # 100
29) 1,1-Dichloropropene	5.79	75	195804	18.675	ug/l 100
30) 2-Butanone	4.65	43	691792	118.600	ug/l 100
31) 2,2-Dichloropropane	4.57	77	218844	18.092	ug/l 100
32) 1,1,1-Trichloroethane	5.48	97	222524	17.672	ug/l 100
33) Carbon Tetrachloride	5.78	117	194617	17.909	ug/l 100
34) Benzene	6.13	78	612775	19.992	ug/l 100
35) Methacrylonitrile	5.03	41	133484	22.463	ug/l 100
36) 1,2-Dichloroethane	6.18	62	214323	18.759	ug/l 100
37) Trichloroethene	7.20	130	160737	19.056	ug/l 100
38) Methylcyclohexane	7.45	83	242919	18.794	ug/l 100
39) 1,2-Dichloropropane	7.51	63	156206	20.575	ug/l 100
40) Dibromomethane	7.65	93	104630	19.553	ug/l 100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111119\
 Data File : VX013368.D
 Acq On : 11 Nov 2019 16:53
 Operator : JC/SP
 Sample : VSTDICCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

Quant Time: Nov 12 01:04:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X111119W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Nov 12 01:01:06 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.89	83	205324	19.072	ug/l	100
42) Vinyl Acetate	3.80	43	2091740	106.270	ug/l	100
43) Ethyl Acetate	4.82	43	245557	23.011	ug/l	100
44) Isopropyl Acetate	6.43	43	383310	21.858	ug/l	100
45) 1,4-Dioxane	7.73	88	84076	392.064	ug/l	100
46) Methyl methacrylate	7.76	41	187859	21.762	ug/l	100
47) n-amyl Acetate	10.89	43	326917	21.799	ug/l	100
48) t-1,3-Dichloropropene	9.04	75	218778	18.500	ug/l	100
49) cis-1,3-Dichloropropene	8.43	75	247159	19.167	ug/l	100
50) 1,1,2-Trichloroethane	9.21	97	157120	19.810	ug/l	100
51) Ethyl methacrylate	9.17	69	245009	19.604	ug/l	100
52) 1,3-Dichloropropane	9.37	76	267791	20.018	ug/l	100
53) Dibromochloromethane	9.58	129	159334	18.706	ug/l	100
54) 1,2-Dibromoethane	9.67	107	167352	19.771	ug/l	100
55) 2-Chloroethyl vinyl ether	8.31	63	552978	106.823	ug/l	100
56) Bromoform	10.85	173	122583	19.846	ug/l	100
58) 4-Methyl-2-Pentanone	8.64	43	1237075	116.209	ug/l	100
59) 2-Hexanone	9.48	43	988631	117.895	ug/l	100
61) Tetrachloroethene	9.33	164	142366	18.215	ug/l	100
62) Toluene	8.78	91	661113	20.080	ug/l	100
64) Chlorobenzene	10.14	112	402267	19.195	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.21	131	149747	19.142	ug/l	100
66) Ethyl Benzene	10.25	91	713788	19.001	ug/l	100
67) m/p-Xylenes	10.35	106	545879	38.278	ug/l	100
68) o-Xylene	10.70	106	261412	19.062	ug/l	100
69) Styrene	10.71	104	448891	19.129	ug/l	100
70) Isopropylbenzene	11.01	105	702385	18.854	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.26	83	250939	21.236	ug/l	100
72) 1,2,3-Trichloropropane	11.29	75	276951	28.269	ug/l	81
73) Bromobenzene	11.25	156	181220	19.857	ug/l	100
74) n-propylbenzene	11.35	91	787778	19.136	ug/l	100
75) 2-Chlorotoluene	11.42	91	469324	18.417	ug/l	100
76) 1,3,5-Trimethylbenzene	11.50	105	583488	18.581	ug/l	100
77) t-1,4-Dichloro-2-butene	11.07	75	80388	20.199	ug/l	100
78) 4-Chlorotoluene	11.51	91	528816	18.117	ug/l	100
79) tert-butylbenzene	11.77	119	589902	19.236	ug/l	100
80) 1,2,4-Trimethylbenzene	11.80	105	577972	18.443	ug/l	100
81) sec-Butylbenzene	11.94	105	663459	18.486	ug/l	100
82) p-Isopropyltoluene	12.06	119	612462	18.585	ug/l	100
83) 1,3-Dichlorobenzene	12.02	146	311215	18.861	ug/l	100
84) 1,4-Dichlorobenzene	12.09	146	309595	18.968	ug/l	100
85) n-Butylbenzene	12.38	91	514422	18.322	ug/l	100
86) Hexachloroethane	12.59	117	106658	18.456	ug/l	100
87) 1,2-Dichlorobenzene	12.38	146	317189	19.766	ug/l	100
88) 1,2-Dibromo-3-Chloropropan	12.99	75	52746	18.769	ug/l	100
89) 1,2,4-Trichlorobenzene	13.64	180	211985	20.743	ug/l	100
90) Hexachlorobutadiene	13.77	225	102664	19.875	ug/l	100
91) Naphthalene	13.83	128	683401	20.676	ug/l	100
92) 1,2,3-Trichlorobenzene	14.01	180	217927	20.844	ug/l	100

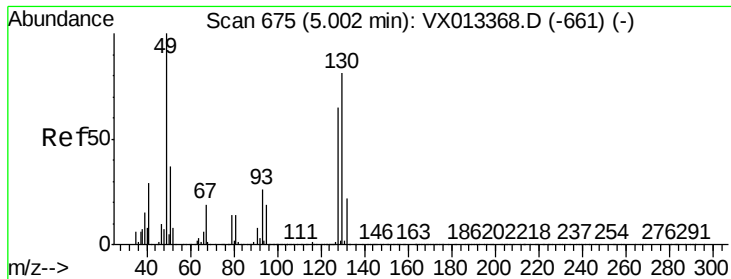
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111119\
Data File : VX013368.D
Acq On : 11 Nov 2019 16:53
Operator : JC/SP
Sample : VSTDICCC020
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Quant Time: Nov 12 01:04:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X111119W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Tue Nov 12 01:01:06 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
--------------------	------	------	----------	------	-------	----------

(#) = 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: VX013368.D

Acq: 11 Nov 2019 16:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

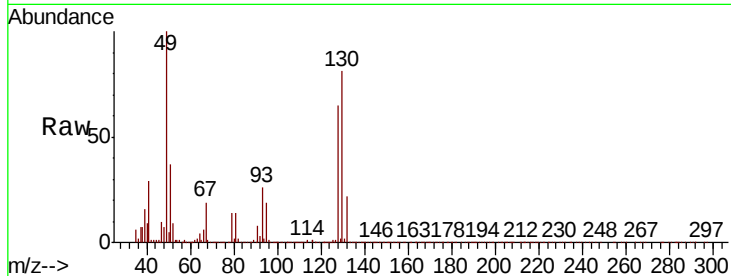
Tot Ion:128 Resp: 122815

Ion Ratio Lower Upper

128 100

49 155.3 0.0 388.3

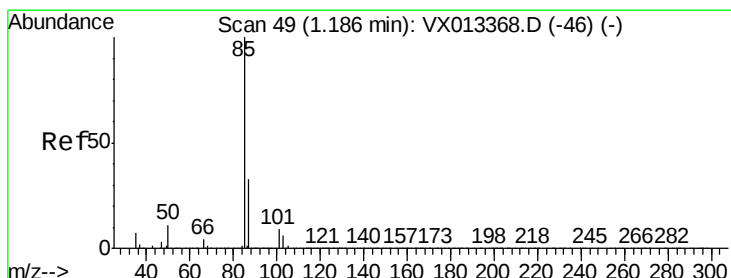
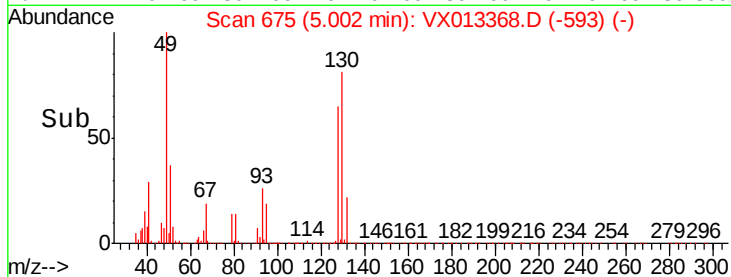
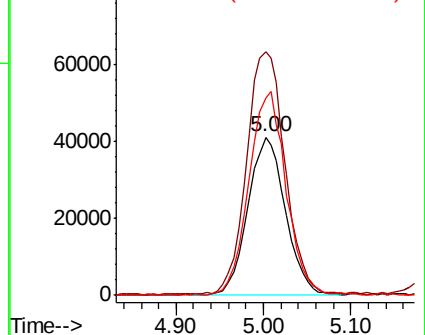
130 127.4 0.0 318.5



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: 20.088 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.00 min

Lab File: VX013368.D

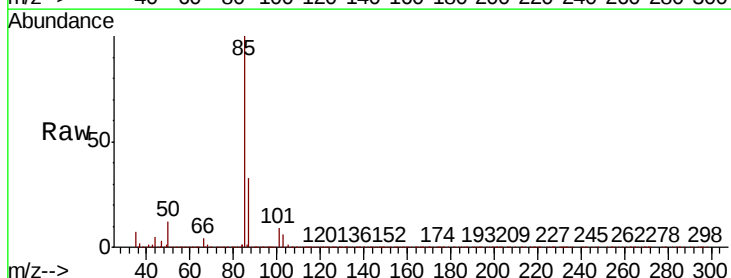
Acq: 11 Nov 2019 16:53

Tgt Ion: 85 Resp: 177081

Ion Ratio Lower Upper

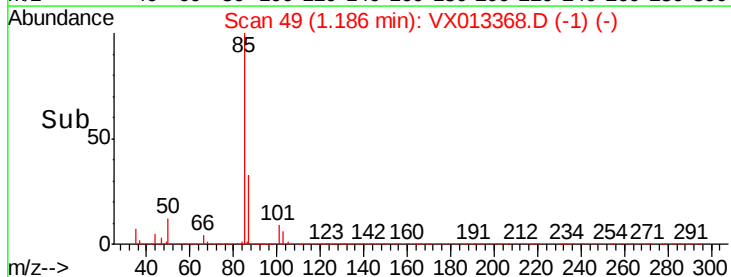
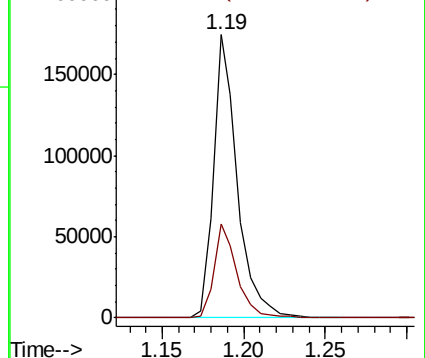
85 100

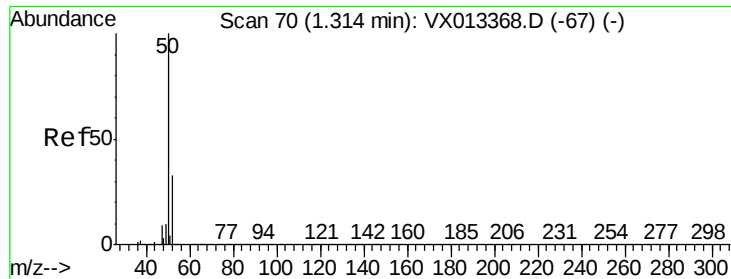
87 33.1 16.6 49.7



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

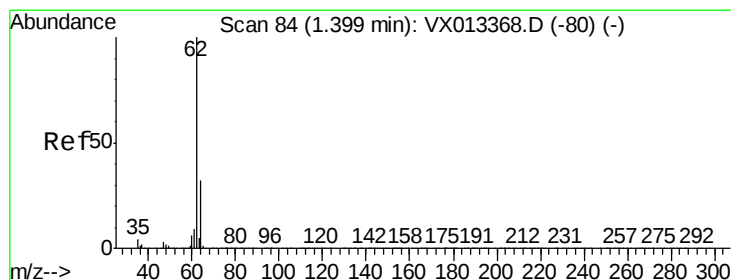
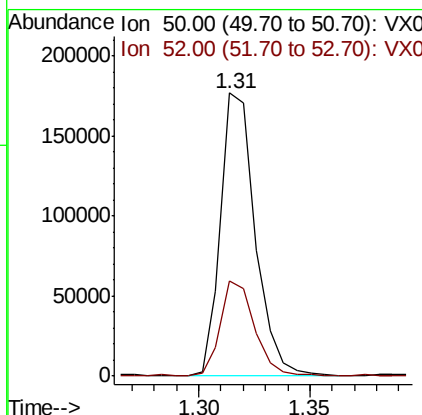
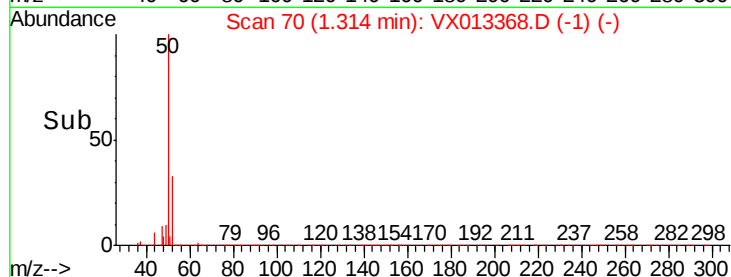
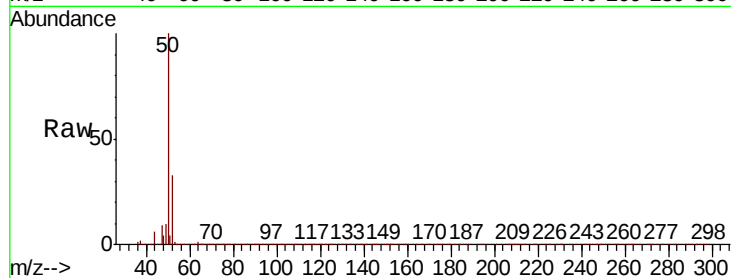




#3
Chloromethane
Concen: 23.646 ug/l
RT: 1.31 min Scan# 70
Delta R.T. 0.00 min
Lab File: VX013368.D
Acq: 11 Nov 2019 16:53

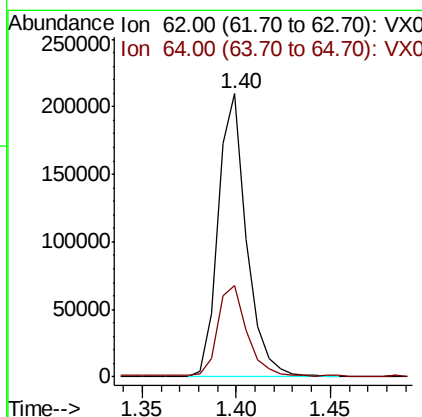
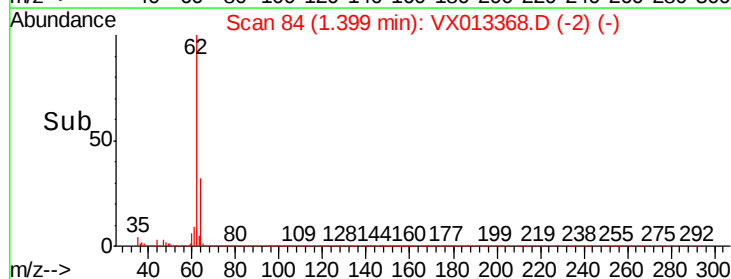
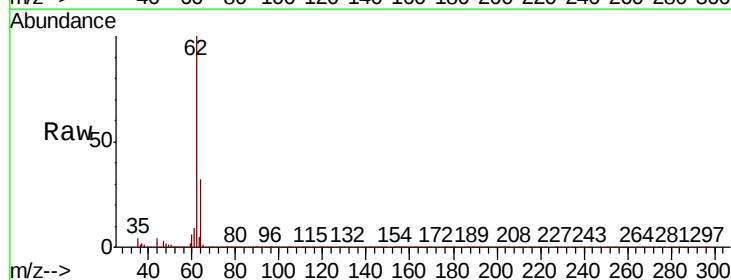
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

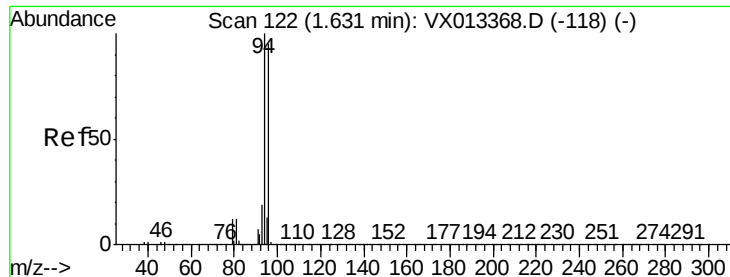
Tot Ion: 50 Resp: 191766
Ion Ratio Lower Upper
50 100
52 33.3 26.6 40.0



#4
Vinyl Chloride
Concen: 25.353 ug/l
RT: 1.40 min Scan# 84
Delta R.T. 0.00 min
Lab File: VX013368.D
Acq: 11 Nov 2019 16:53

Tgt Ion: 62 Resp: 217160
Ion Ratio Lower Upper
62 100
64 31.8 25.4 38.2





#5

Bromomethane

Concen: 25.868 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX013368.D

Acq: 11 Nov 2019 16:53

Instrument :

MSVOA_X

ClientSampleId :

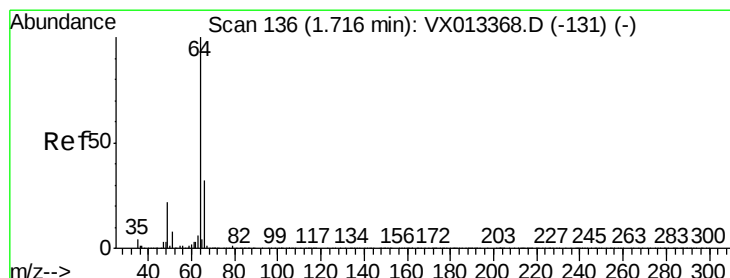
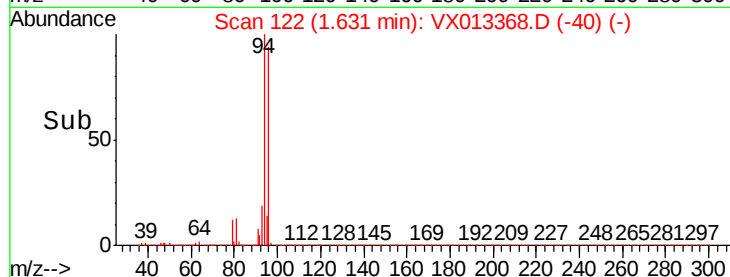
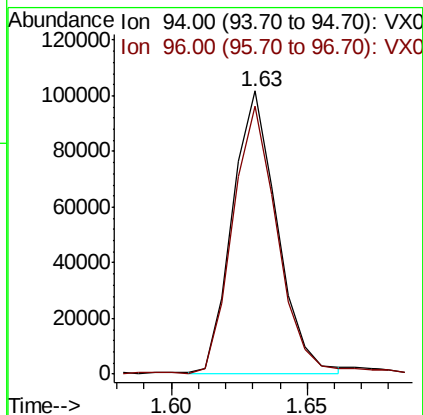
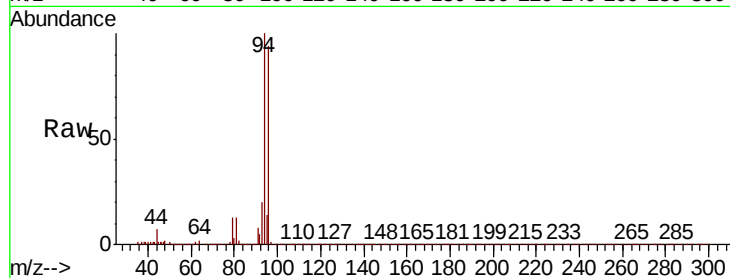
VSTDICCC020

Tot Ion: 94 Resp: 115863

Ion Ratio Lower Upper

94 100

96 94.6 75.7 113.5



#6

Chloroethane

Concen: 22.302 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.00 min

Lab File: VX013368.D

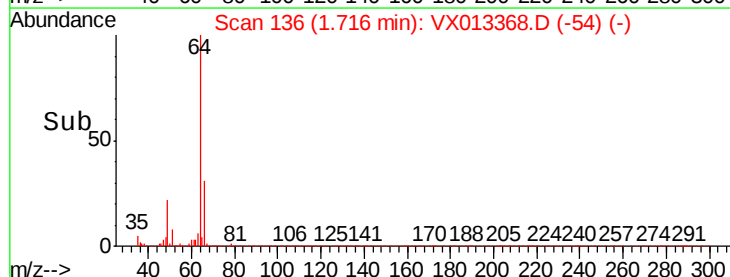
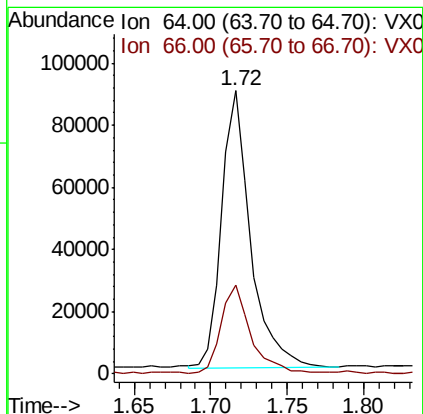
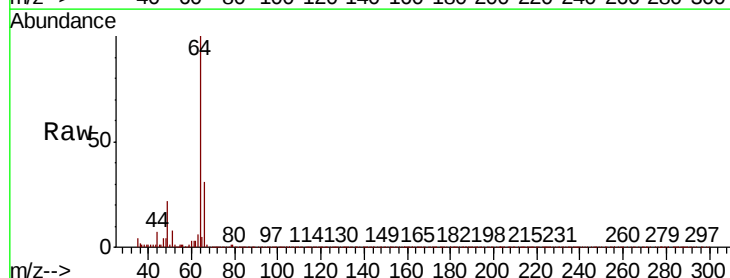
Acq: 11 Nov 2019 16:53

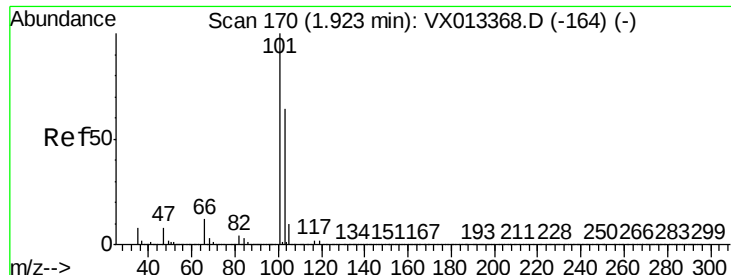
Tgt Ion: 64 Resp: 116473

Ion Ratio Lower Upper

64 100

66 31.9 25.5 38.3



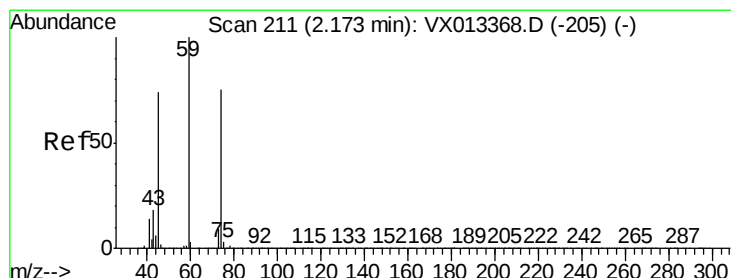
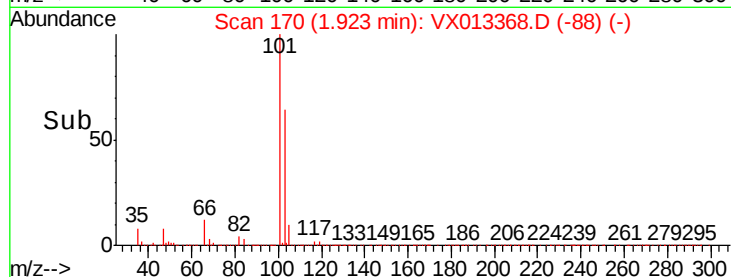
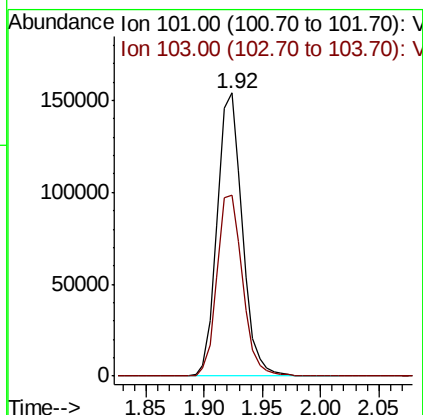
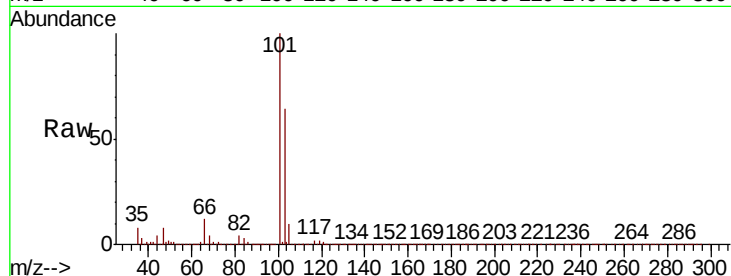


#7

Trichlorofluoromethane
Concen: 18.131 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX013368.D
Acq: 11 Nov 2019 16:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

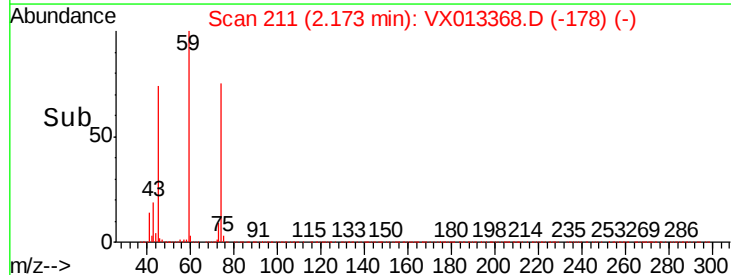
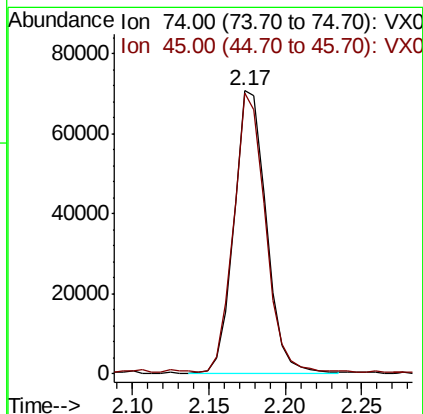
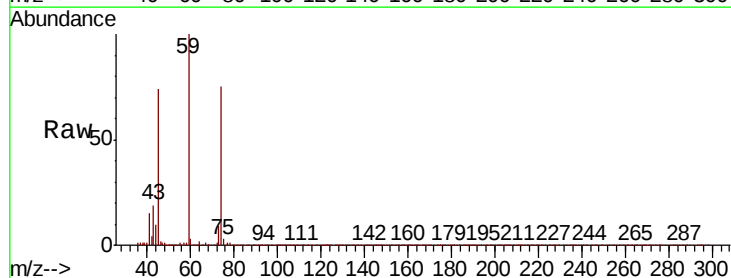
Tot Ion:101 Resp: 227071
Ion Ratio Lower Upper
101 100
103 64.0 51.2 76.8

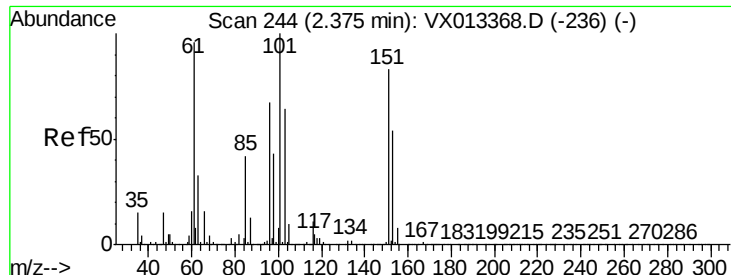


#8

Diethyl Ether
Concen: 22.647 ug/l
RT: 2.17 min Scan# 211
Delta R.T. 0.00 min
Lab File: VX013368.D
Acq: 11 Nov 2019 16:53

Tgt Ion: 74 Resp: 102903
Ion Ratio Lower Upper
74 100
45 97.7 19.5 175.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.914 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.00 min

Lab File: VX013368.D

Acq: 11 Nov 2019 16:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

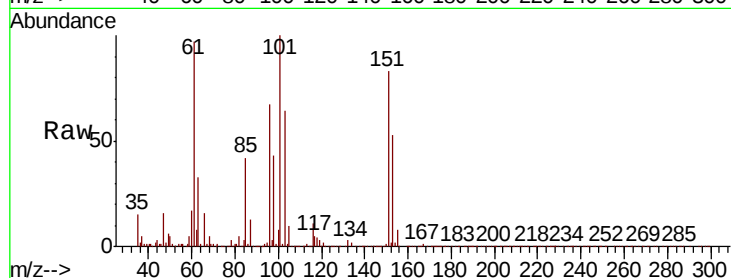
Tot Ion:101 Resp: 137938

Ion Ratio Lower Upper

101 100

85 41.6 0.0 83.2

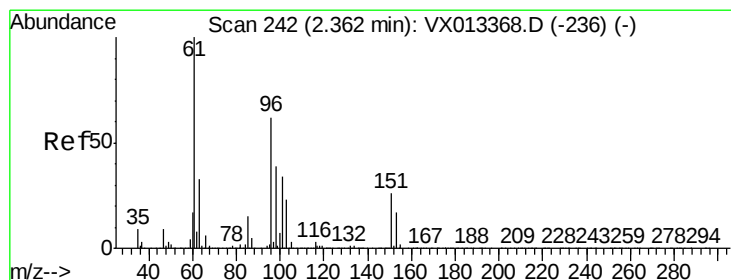
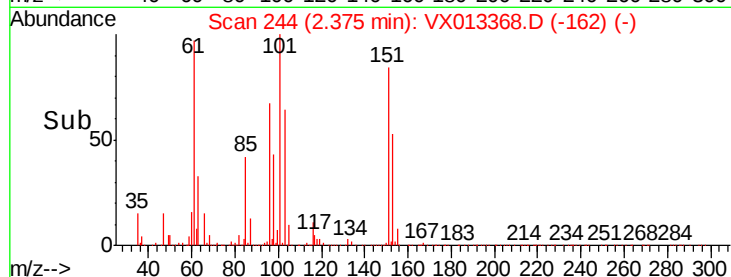
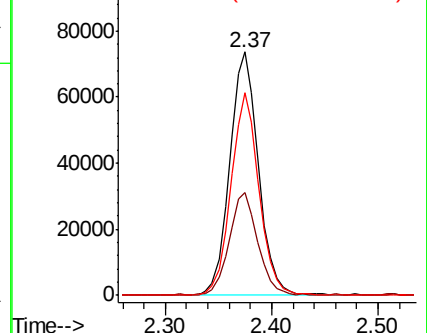
151 81.9 0.0 163.8



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: 18.726 ug/l

RT: 2.36 min Scan# 242

Delta R.T. 0.00 min

Lab File: VX013368.D

Acq: 11 Nov 2019 16:53

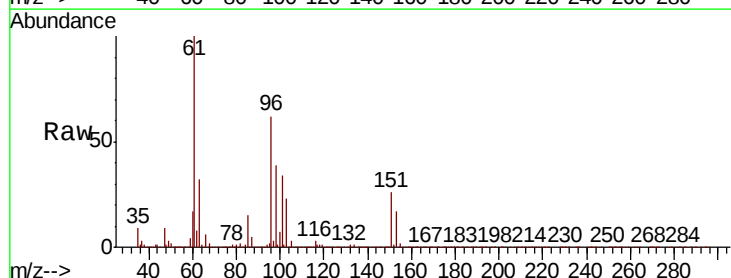
Tgt Ion: 96 Resp: 139735

Ion Ratio Lower Upper

96 100

61 161.1 128.9 193.3

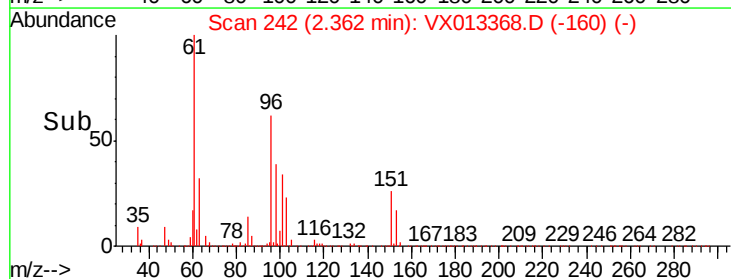
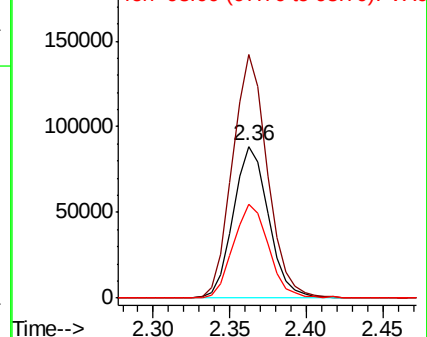
98 62.1 49.7 74.5

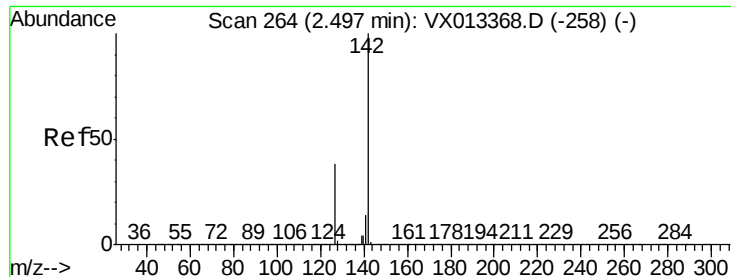


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

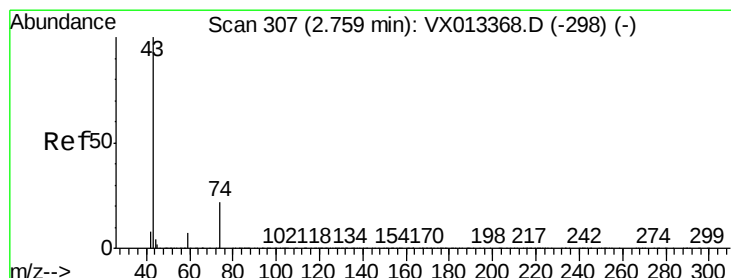
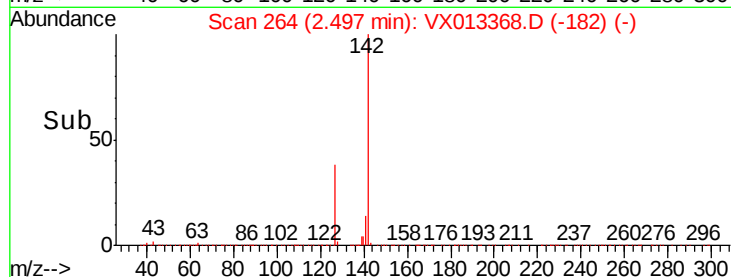
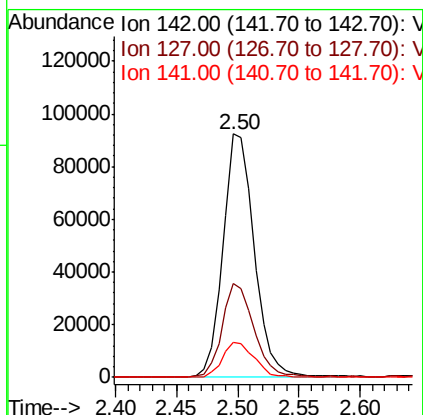
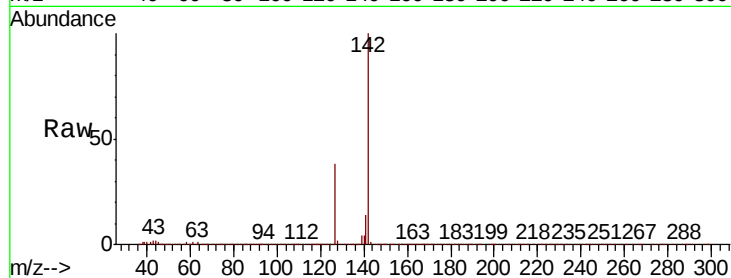




#11
Methvl Iodide
Concen: 17.113 ug/l
RT: 2.50 min Scan# 264
Delta R.T. 0.00 min
Lab File: VX013368.D
Acq: 11 Nov 2019 16:53

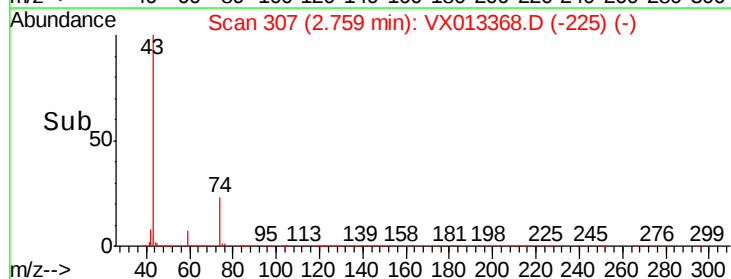
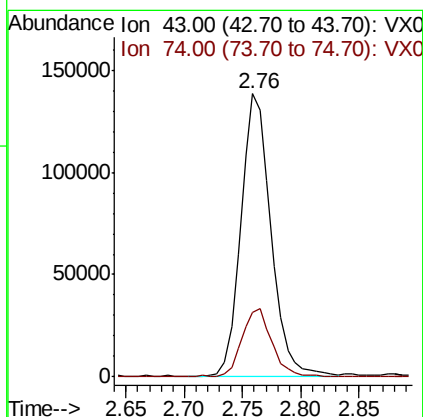
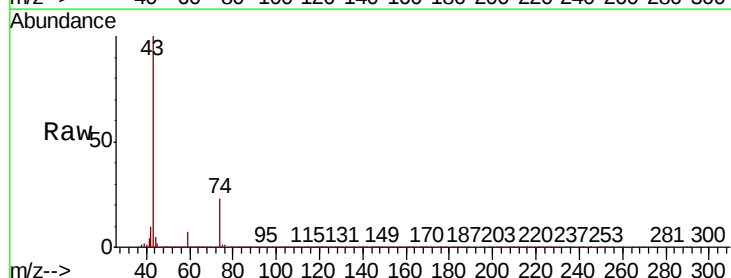
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

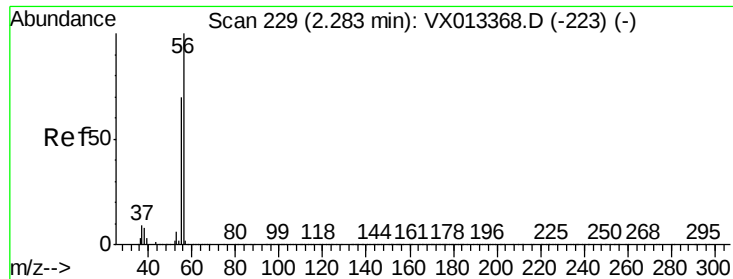
Tot Ion:142 Resp: 163275
Ion Ratio Lower Upper
142 100
127 38.3 19.1 57.5
141 14.0 7.0 21.0



#12
Methyl Acetate
Concen: 24.104 ug/l
RT: 2.76 min Scan# 307
Delta R.T. 0.00 min
Lab File: VX013368.D
Acq: 11 Nov 2019 16:53

Tgt Ion: 43 Resp: 247149
Ion Ratio Lower Upper
43 100
74 22.5 18.0 27.0





#13

Acrolein

Concen: 92.885 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX013368.D

Acq: 11 Nov 2019 16:53

Instrument :

MSVOA_X

ClientSampleId :

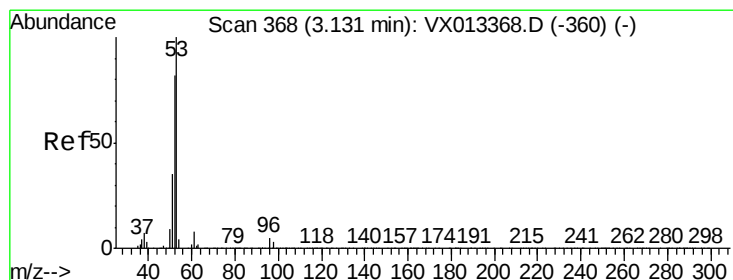
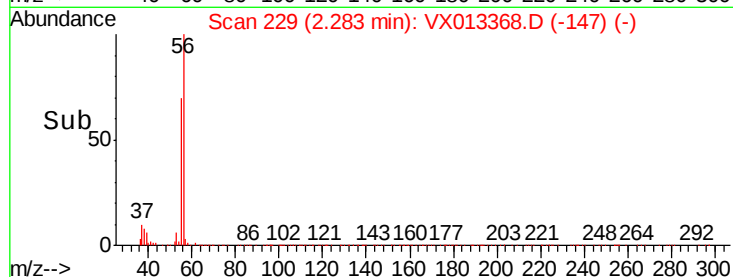
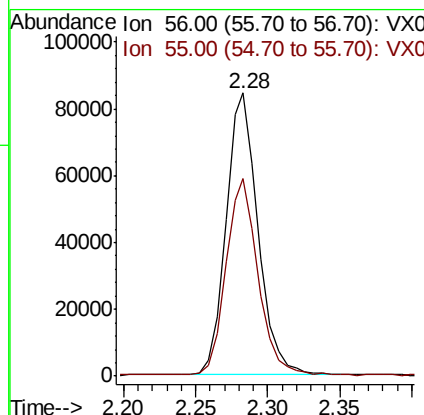
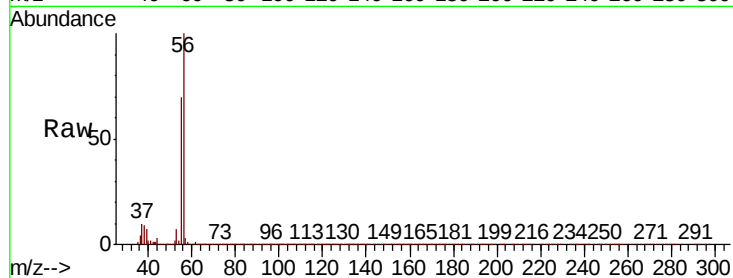
VSTDICCC020

Tot Ion: 56 Resp: 130777

Ion Ratio Lower Upper

56 100

55 69.8 55.8 83.8



#14

Acrylonitrile

Concen: 108.505 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX013368.D

Acq: 11 Nov 2019 16:53

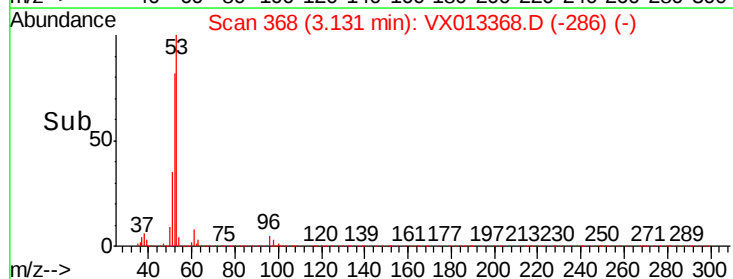
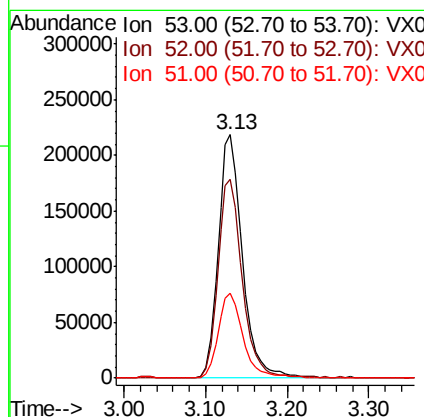
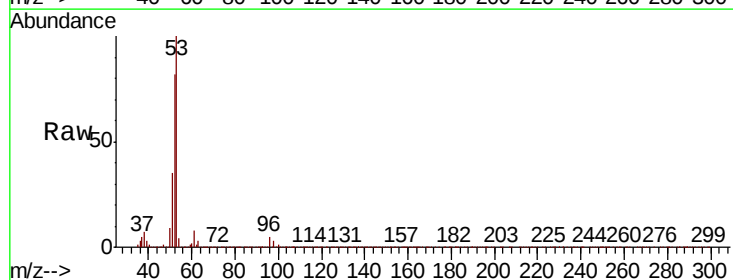
Tgt Ion: 53 Resp: 450906

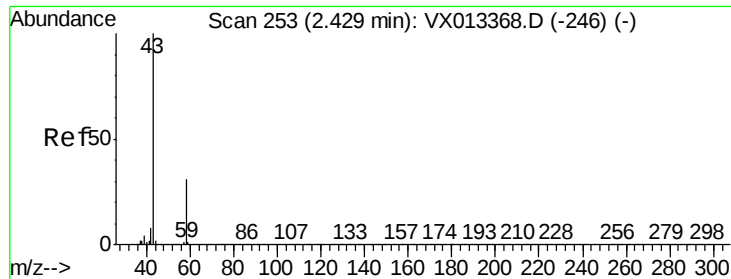
Ion Ratio Lower Upper

53 100

52 82.0 41.0 123.0

51 34.6 17.3 51.9

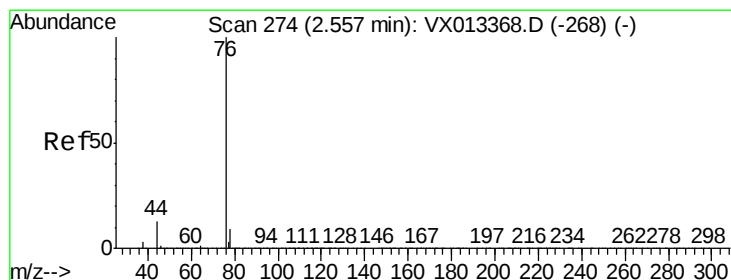
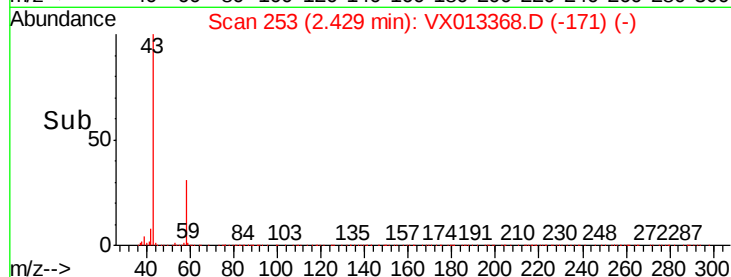
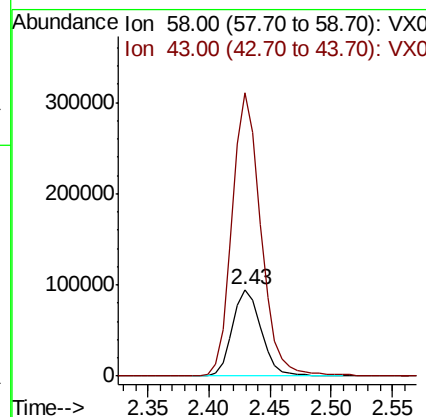
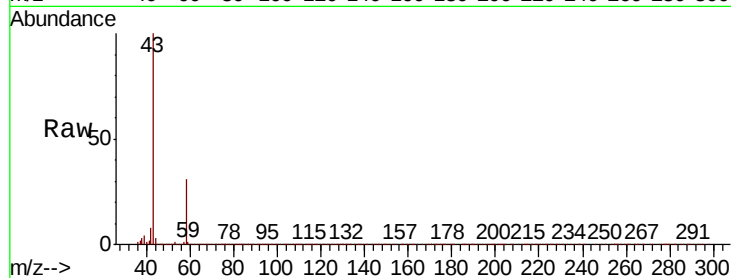




#15
Acetone
Concen: 113.479 ug/l
RT: 2.43 min Scan# 253
Delta R.T. 0.00 min
Lab File: VX013368.D
Acq: 11 Nov 2019 16:53

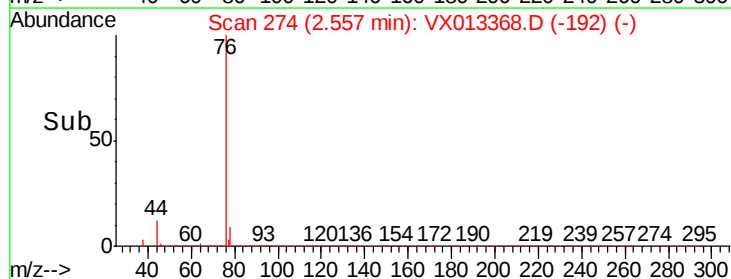
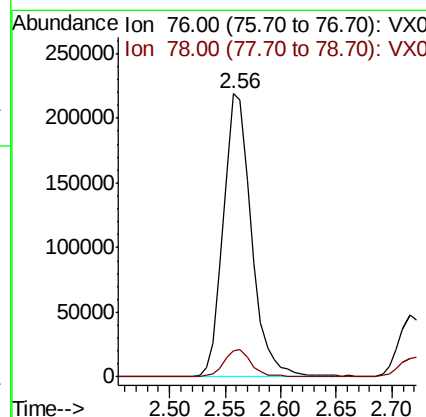
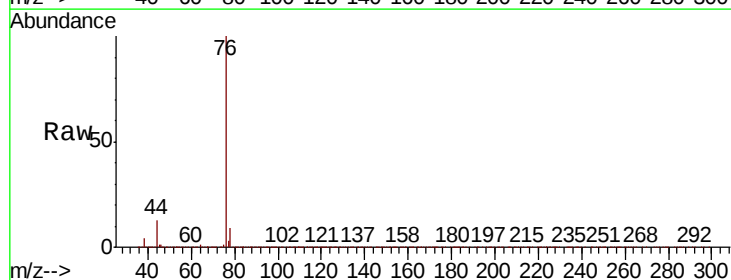
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

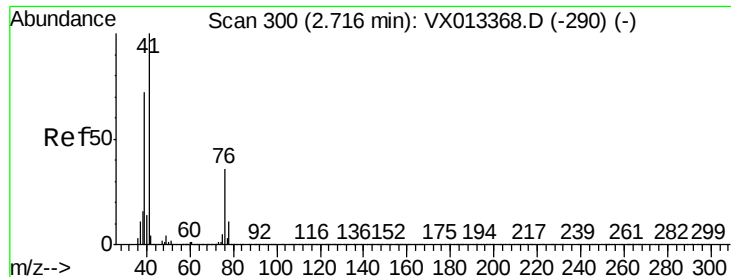
Tot Ion: 58 Resp: 155508
Ion Ratio Lower Upper
58 100
43 326.8 261.4 392.2



#16
Carbon Disulfide
Concen: 19.122 ug/l
RT: 2.56 min Scan# 274
Delta R.T. 0.00 min
Lab File: VX013368.D
Acq: 11 Nov 2019 16:53

Tgt Ion: 76 Resp: 384802
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0

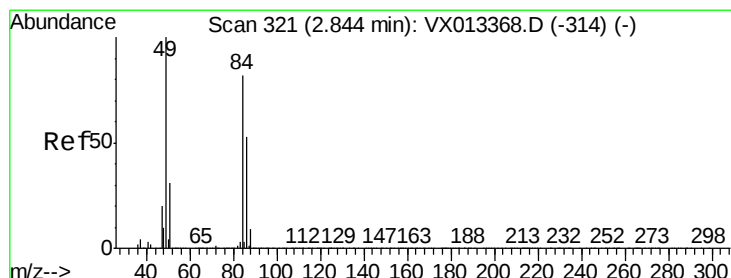
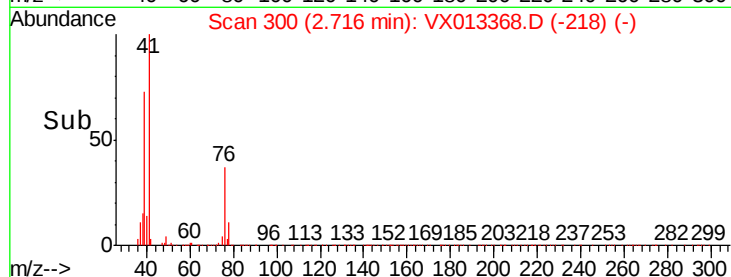
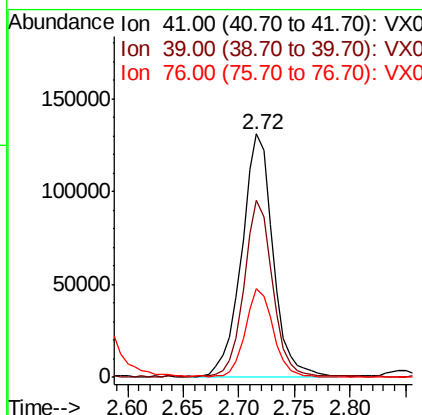
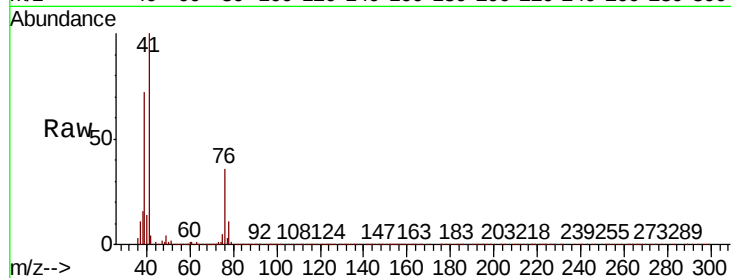




#17
Allvl chloride
Concen: 21.155 ug/l
RT: 2.72 min Scan# 300
Delta R.T. 0.00 min
Lab File: VX013368.D
Acq: 11 Nov 2019 16:53

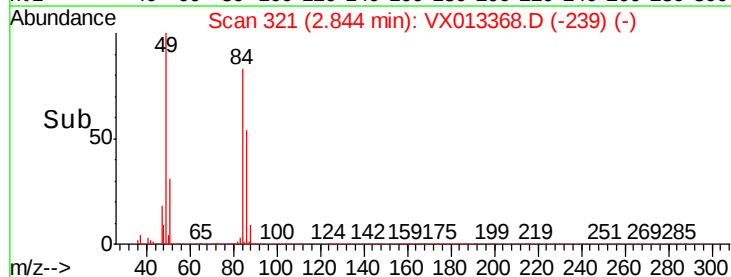
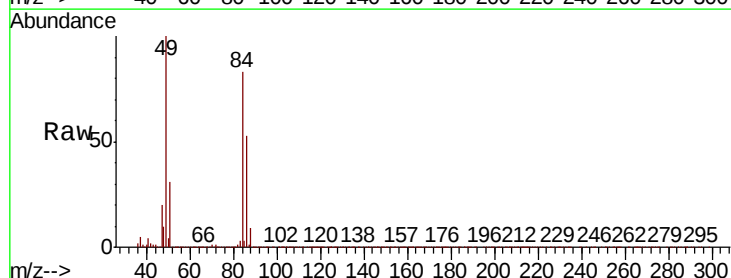
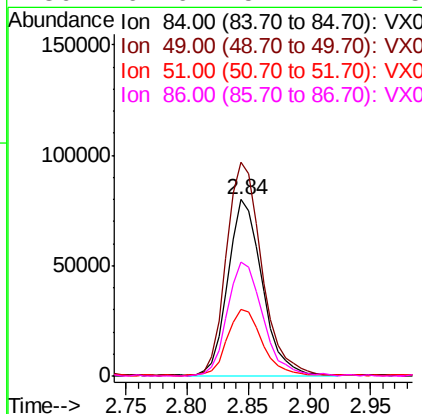
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

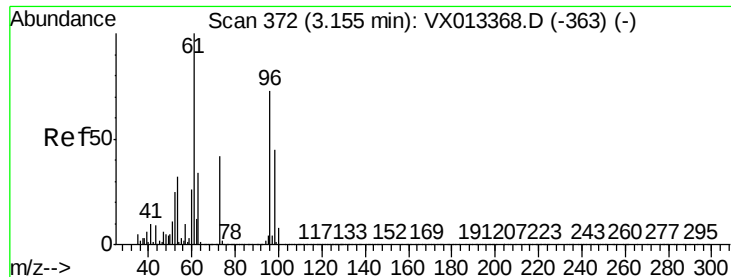
Tot Ion	Ratio	Lower	Upper
41	100		
39	72.2	36.1	108.3
76	36.3	18.1	54.4



#18
Methylene Chloride
Concen: 18.135 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX013368.D
Acq: 11 Nov 2019 16:53

Tgt Ion	Ratio	Lower	Upper
84	100		
49	121.0	96.8	145.2
51	37.5	30.0	45.0
86	64.6	51.7	77.5





#19

trans-1,2-Dichloroethene

Concen: 18.700 ug/l

RT: 3.15 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX013368.D

Acq: 11 Nov 2019 16:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

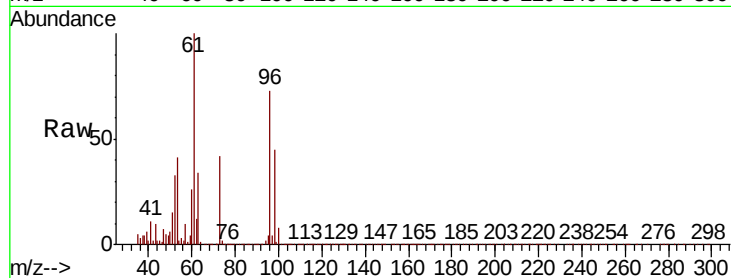
Tot Ion: 96 Resp: 147976

Ion Ratio Lower Upper

96 100

61 137.4 109.9 164.9

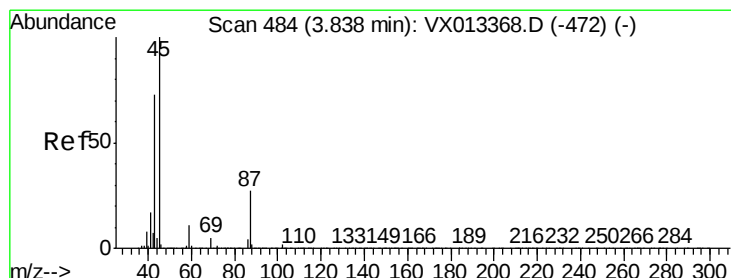
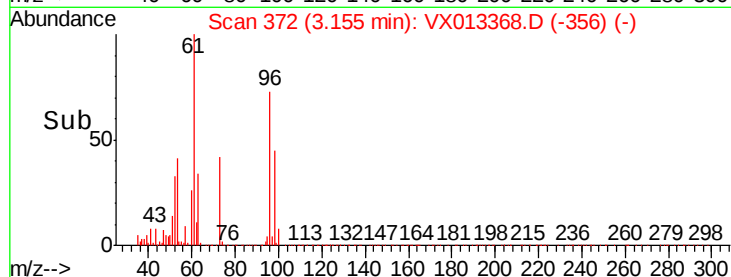
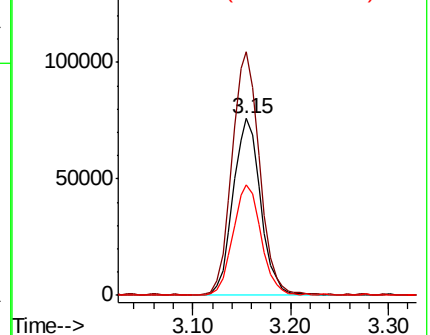
98 62.1 49.7 74.5



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



#20

Diisopropyl ether

Concen: 21.038 ug/l

RT: 3.84 min Scan# 484

Delta R.T. 0.00 min

Lab File: VX013368.D

Acq: 11 Nov 2019 16:53

Tgt Ion: 45 Resp: 494794

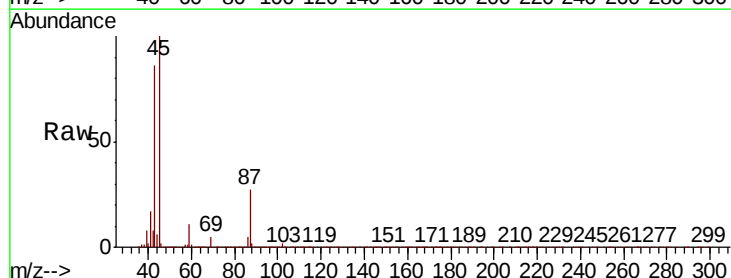
Ion Ratio Lower Upper

45 100

43 84.6 67.7 101.5

87 26.9 21.5 32.3

59 10.6 8.5 12.7

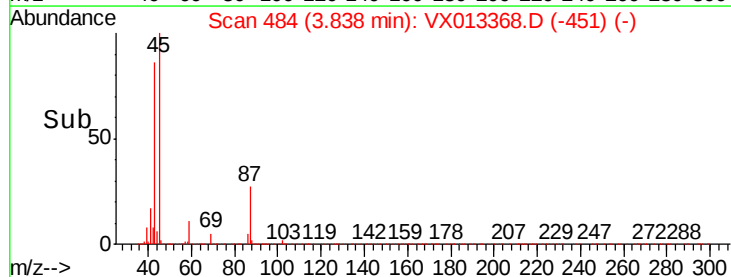
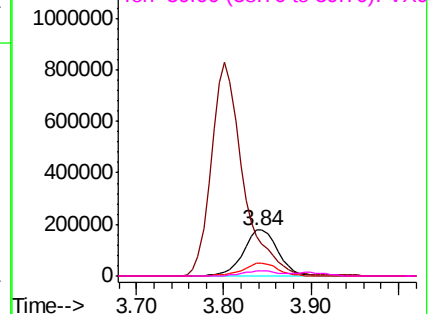


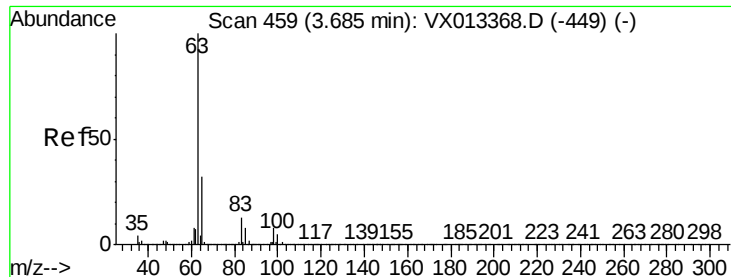
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#21

1,1-Dichloroethane

Concen: 19.186 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX013368.D

Acq: 11 Nov 2019 16:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

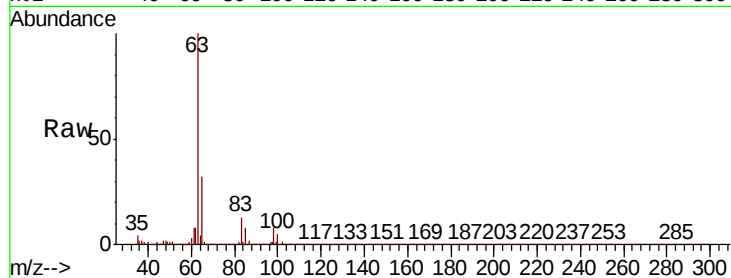
Tot Ion: 63 Resp: 268831

Ion Ratio Lower Upper

63 100

98 7.9 4.0 11.9

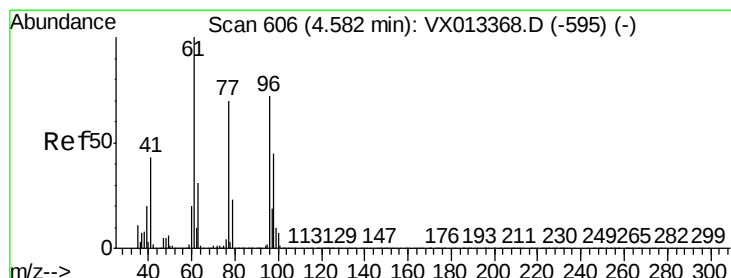
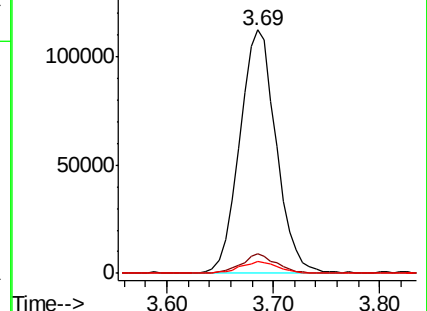
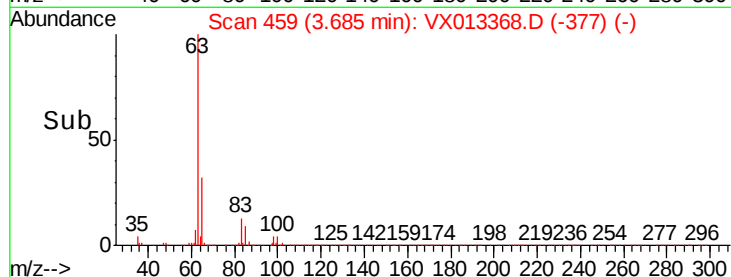
100 5.0 2.5 7.5



Abundance Ion 63.00 (62.70 to 63.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0



#22

cis-1,2-Dichloroethene

Concen: 18.741 ug/l

RT: 4.58 min Scan# 606

Delta R.T. 0.00 min

Lab File: VX013368.D

Acq: 11 Nov 2019 16:53

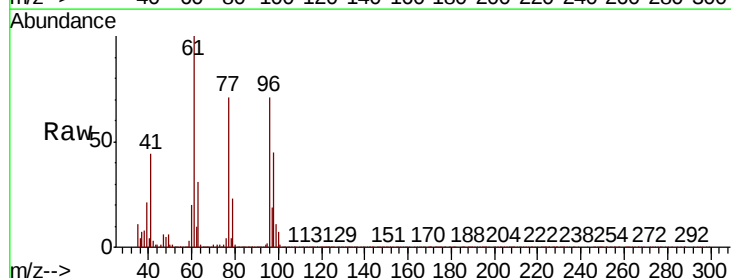
Tgt Ion: 96 Resp: 168784

Ion Ratio Lower Upper

96 100

61 146.3 117.0 175.6

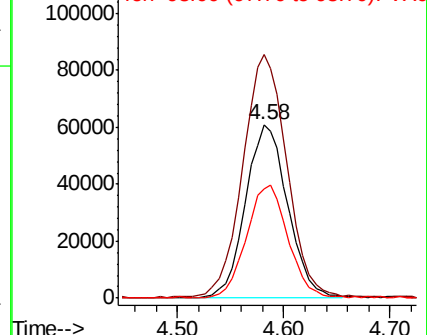
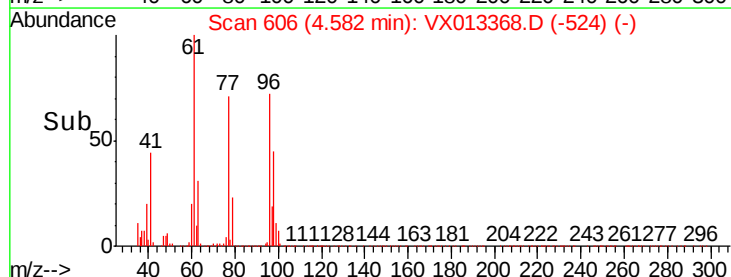
98 63.9 51.1 76.7

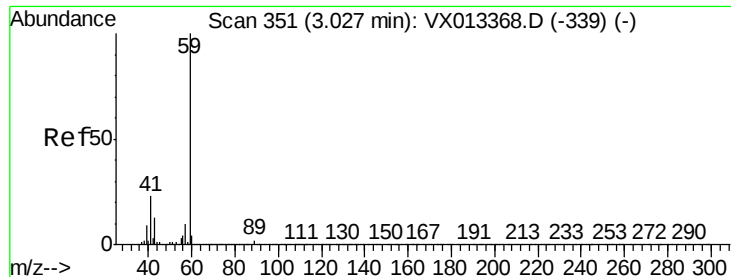


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#23

tert-Butyl Alcohol

Concen: 96.667 ug/l

RT: 3.03 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX013368.D

Acq: 11 Nov 2019 16:53

Instrument :

MSVOA_X

ClientSampleId :

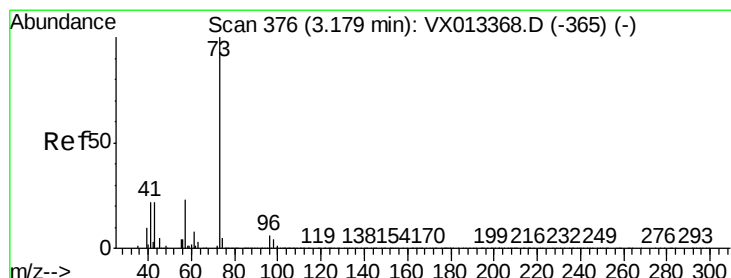
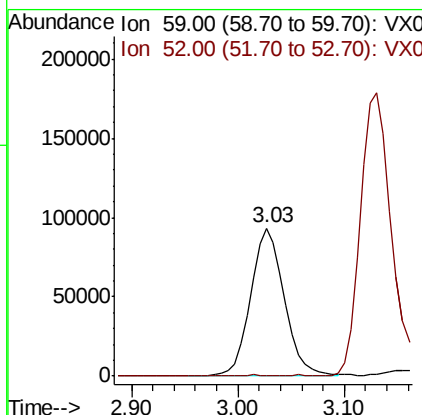
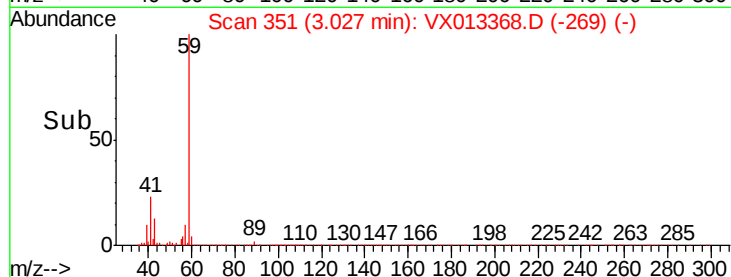
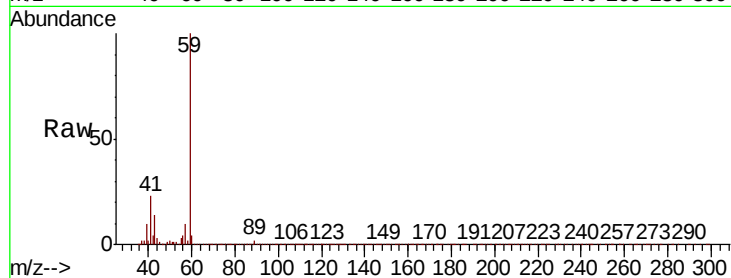
VSTDICCC020

Tot Ion: 59 Resp: 205944

Ion Ratio Lower Upper

59 100

52 0.1 0.1 0.1



#24

Methyl tert-Butyl Ether

Concen: 18.125 ug/l

RT: 3.18 min Scan# 376

Delta R.T. 0.00 min

Lab File: VX013368.D

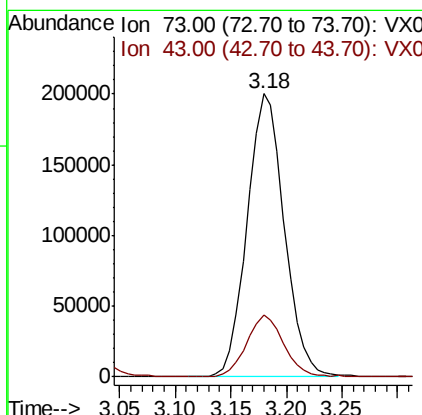
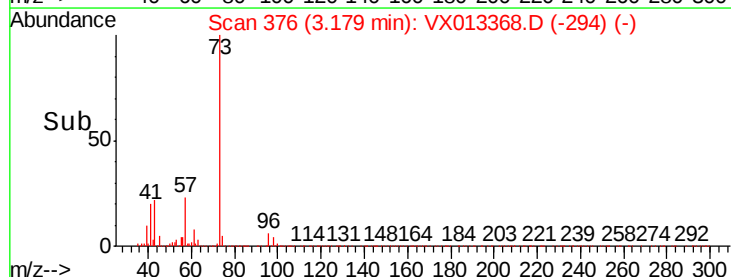
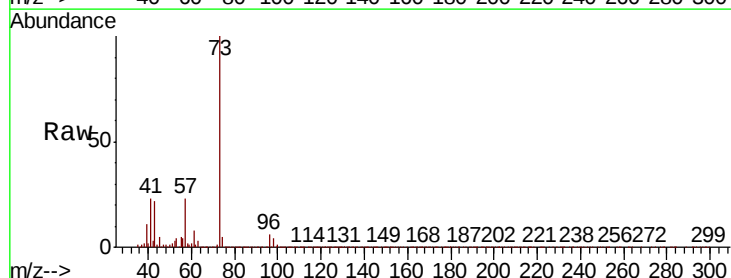
Acq: 11 Nov 2019 16:53

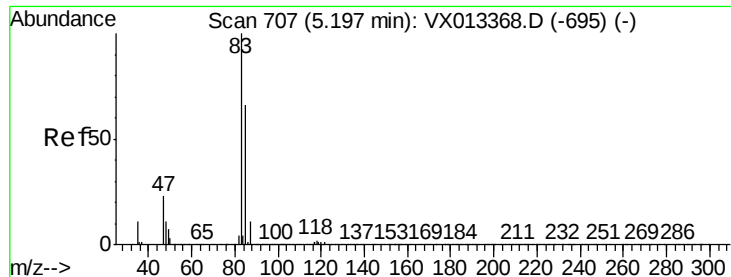
Tgt Ion: 73 Resp: 463996

Ion Ratio Lower Upper

73 100

43 21.3 17.0 25.6





#25

Chloroform

Concen: 18.203 ug/l

RT: 5.20 min Scan# 707

Delta R.T. 0.00 min

Lab File: VX013368.D

Acq: 11 Nov 2019 16:53

Instrument :

MSVOA_X

ClientSampleId :

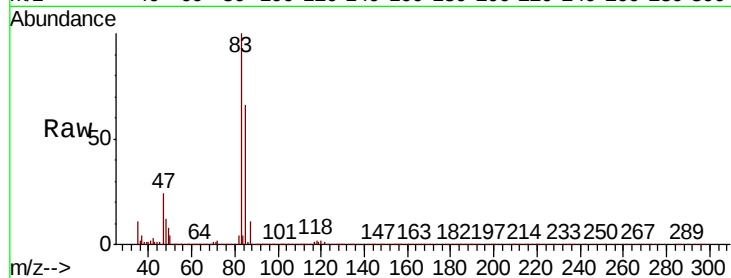
VSTDICCC020

Tot Ion: 83 Resp: 264565

Ion Ratio Lower Upper

83 100

85 65.5 52.4 78.6



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0

5.20

80000

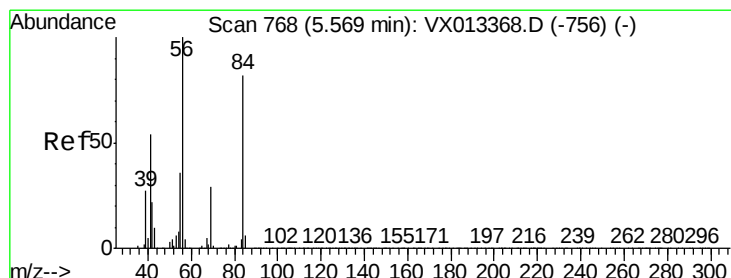
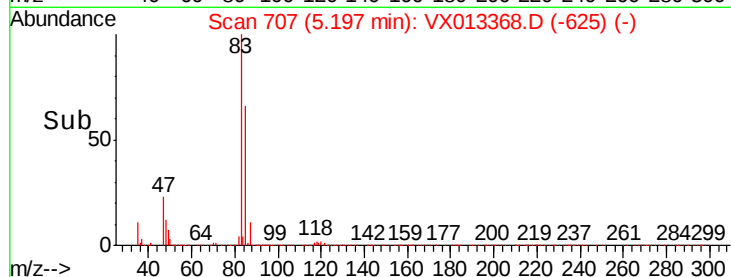
60000

40000

20000

0

Time-->



#26

Cyclohexane

Concen: 19.509 ug/l

RT: 5.57 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX013368.D

Acq: 11 Nov 2019 16:53

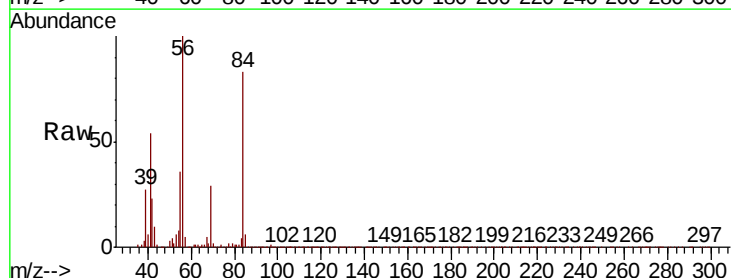
Tgt Ion: 56 Resp: 241467

Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0#

84 88.1 70.5 105.7



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 89.00 (88.70 to 89.70): VX0

Ion 84.00 (83.70 to 84.70): VX0

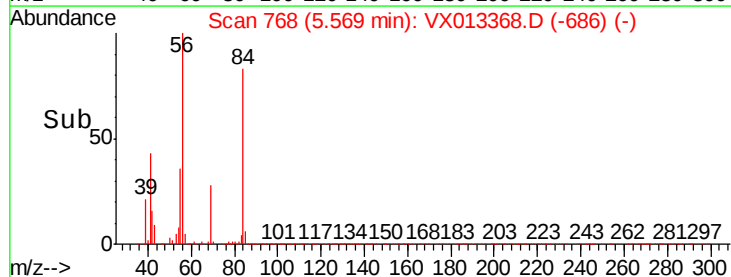
150000

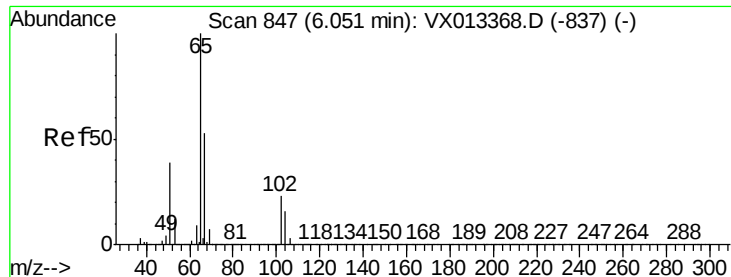
100000

50000

0

Time-->





#27

1,2-Dichloroethane-d4

Concen: 27.677 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX013368.D

Acq: 11 Nov 2019 16:53

Instrument :

MSVOA_X

ClientSampleId :

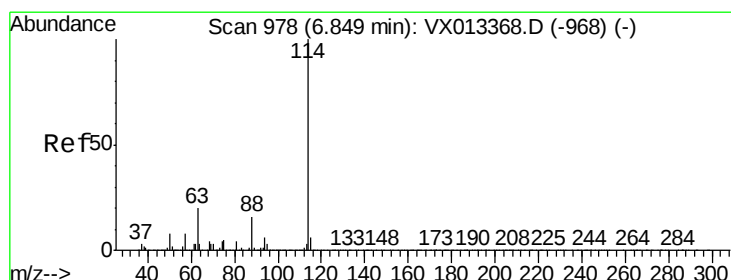
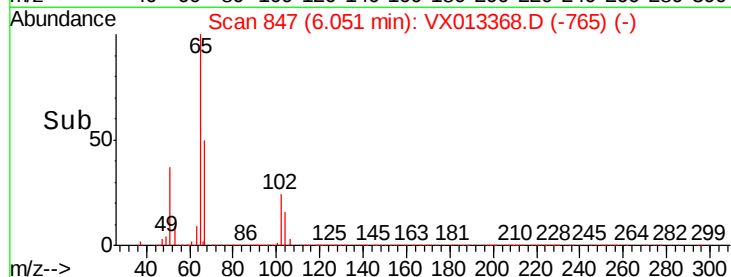
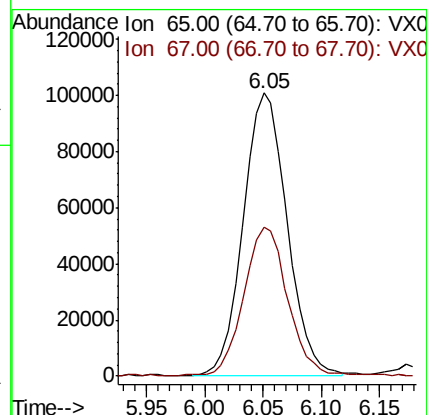
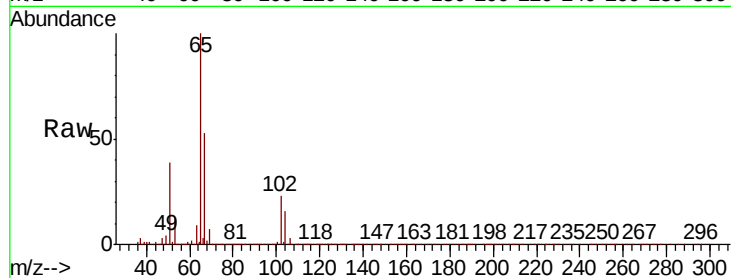
VSTDICCC020

Tot Ion: 65 Resp: 262890

Ion Ratio Lower Upper

65 100

67 51.3 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: VX013368.D

Acq: 11 Nov 2019 16:53

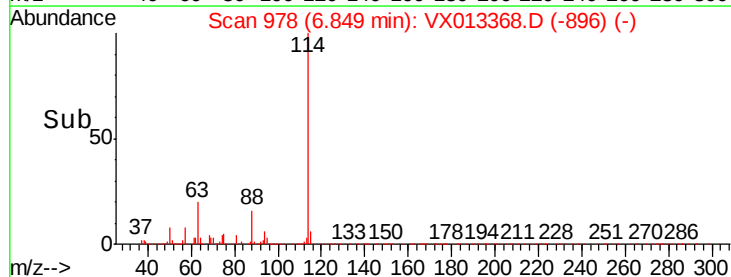
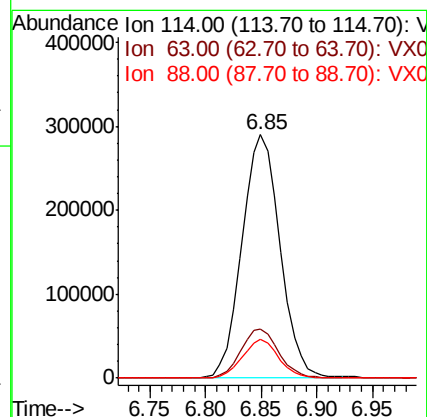
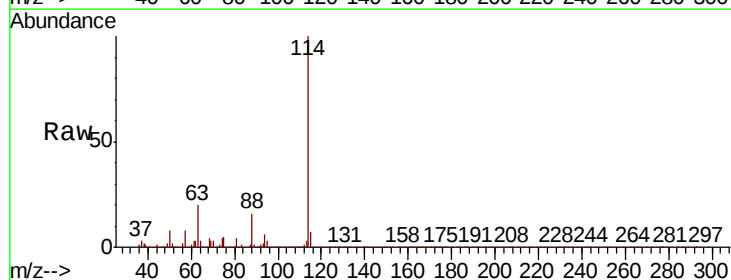
Tgt Ion: 114 Resp: 688170

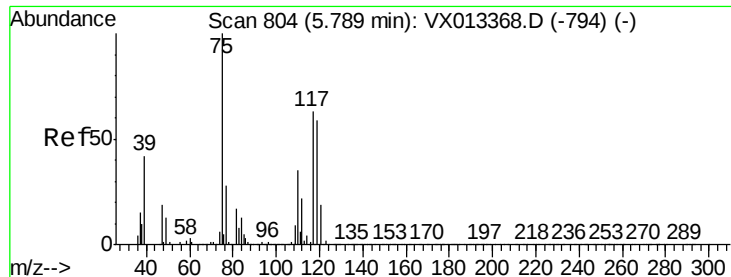
Ion Ratio Lower Upper

114 100

63 20.1 16.1 24.1

88 15.4 12.3 18.5

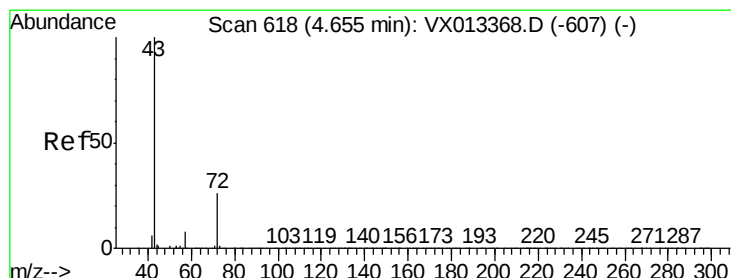
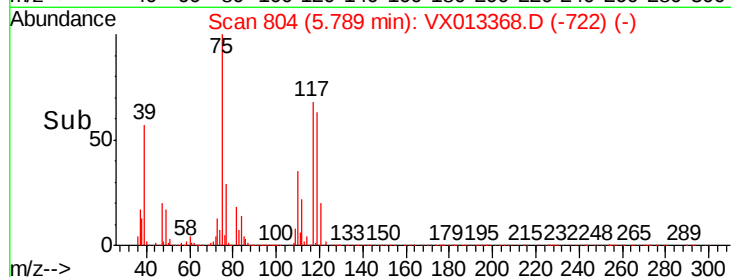
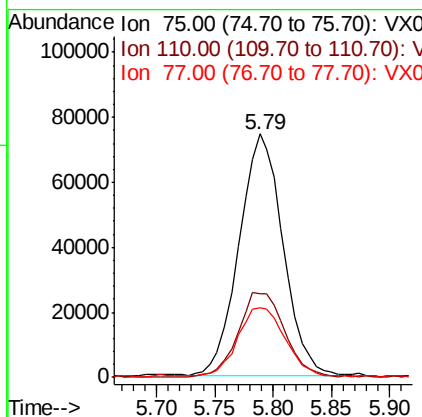
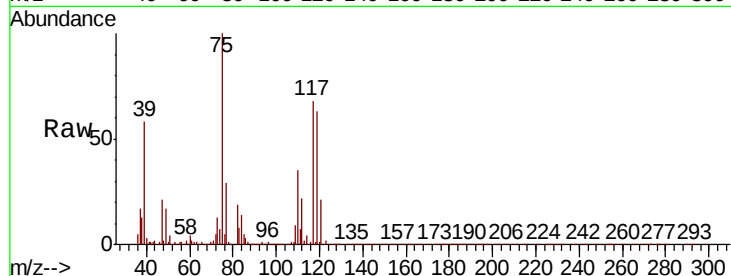




#29
 1,1-Dichloropropene
 Concen: 18.675 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: VX013368.D
 Acq: 11 Nov 2019 16:53

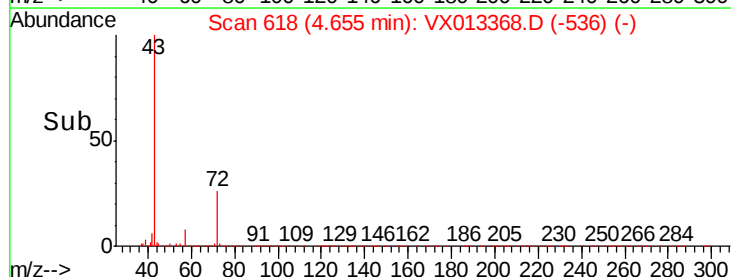
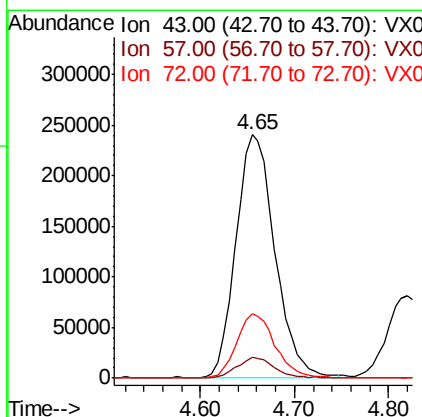
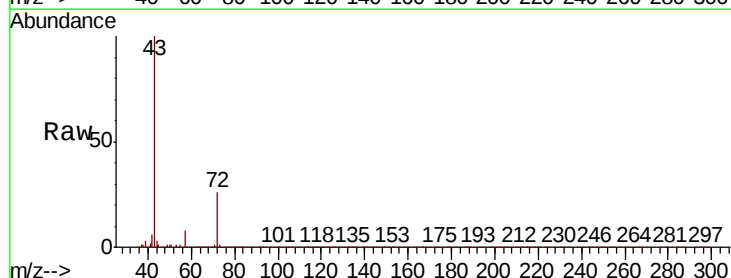
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

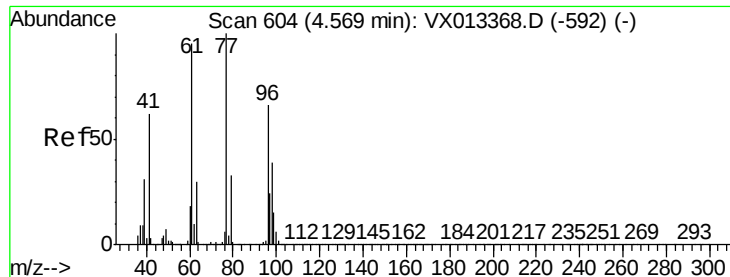
Tot Ion	Ratio	Lower	Upper
75	100		
110	37.3	0.0	74.6
77	31.3	0.0	62.6



#30
 2-Butanone
 Concen: 118.600 ug/l
 RT: 4.65 min Scan# 618
 Delta R.T. 0.00 min
 Lab File: VX013368.D
 Acq: 11 Nov 2019 16:53

Tgt Ion	Ratio	Lower	Upper
43	100		
57	7.6	6.1	9.1
72	25.6	20.5	30.7





#31

2,2-Dichloropropane

Concen: 18.092 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX013368.D

Acq: 11 Nov 2019 16:53

Instrument :

MSVOA_X

ClientSampleId :

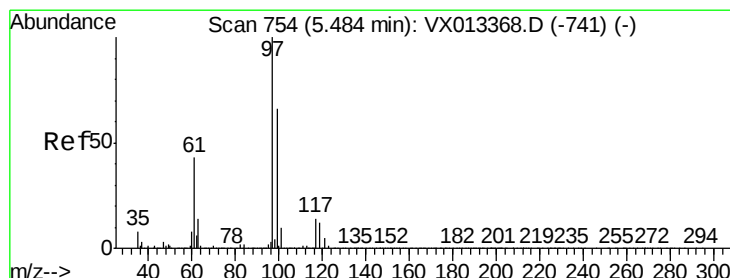
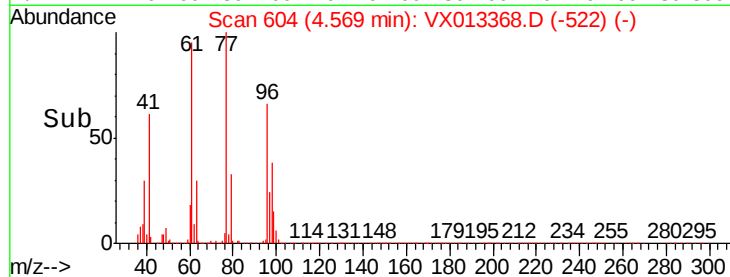
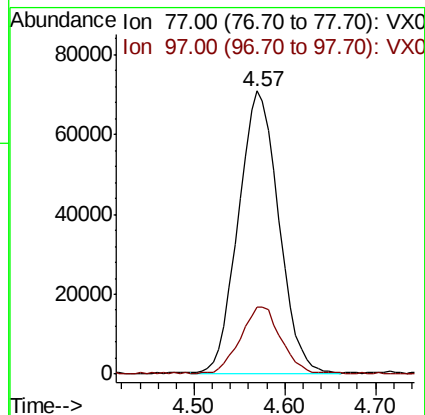
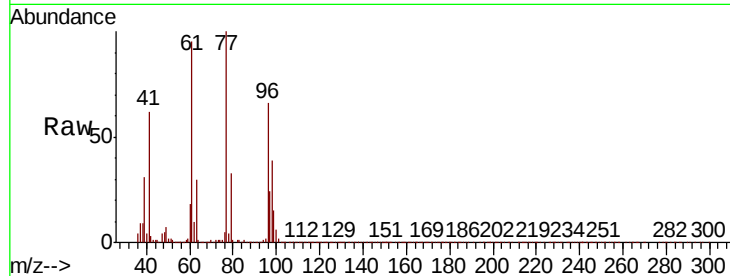
VSTDICCC020

Tot Ion: 77 Resp: 218844

Ion Ratio Lower Upper

77 100

97 24.0 19.2 28.8



#32

1,1,1-Trichloroethane

Concen: 17.672 ug/l

RT: 5.48 min Scan# 754

Delta R.T. 0.00 min

Lab File: VX013368.D

Acq: 11 Nov 2019 16:53

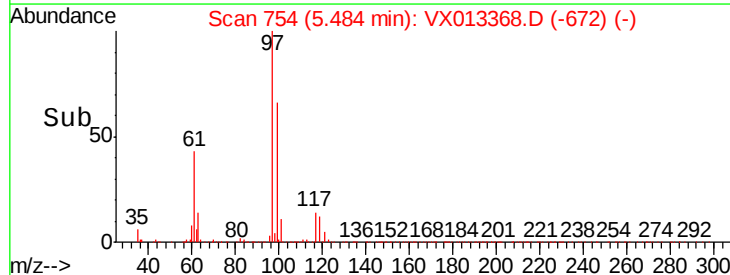
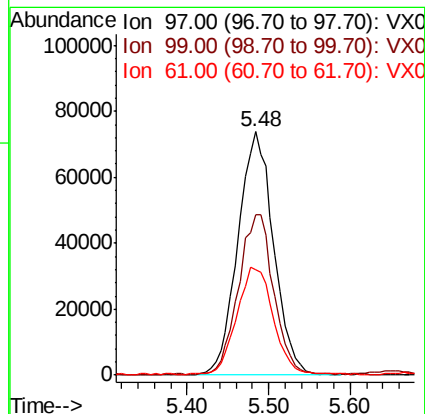
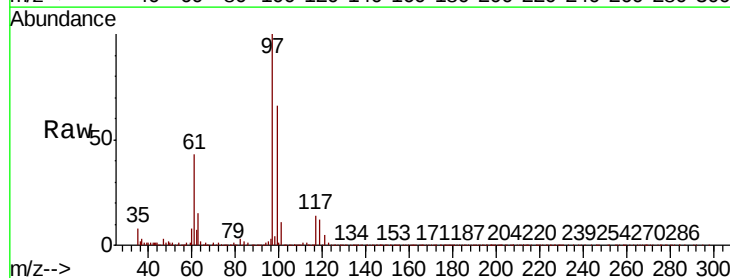
Tgt Ion: 97 Resp: 222524

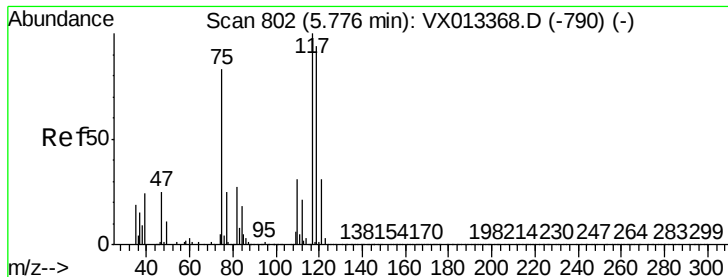
Ion Ratio Lower Upper

97 100

99 65.6 52.5 78.7

61 45.1 36.1 54.1

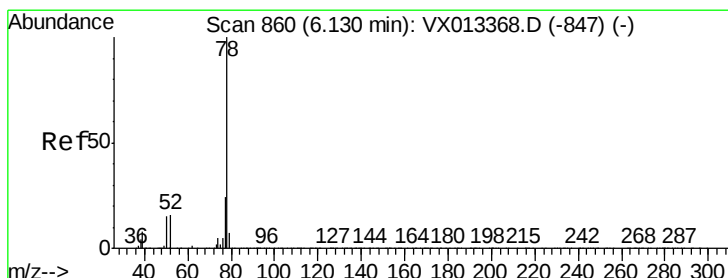
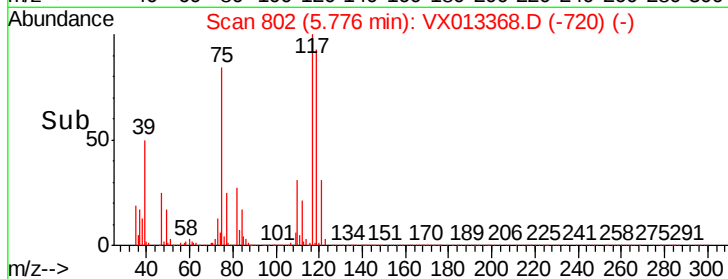
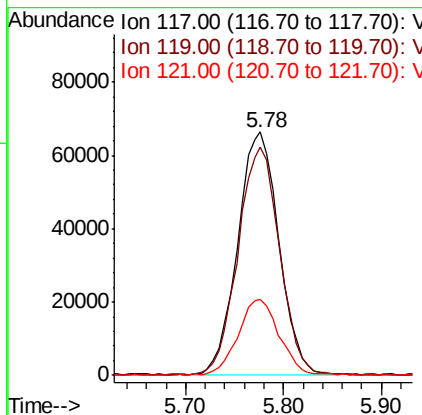
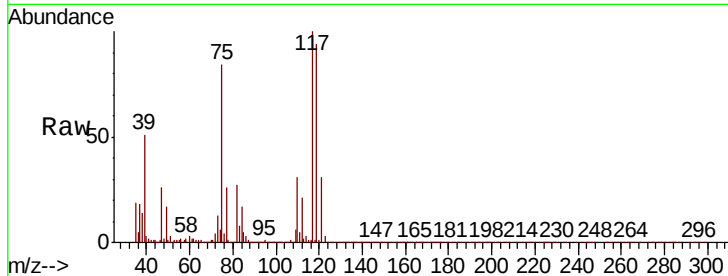




#33
Carbon Tetrachloride
Concen: 17.909 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX013368.D
Acq: 11 Nov 2019 16:53

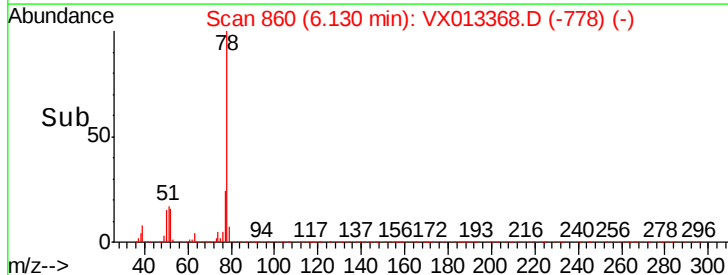
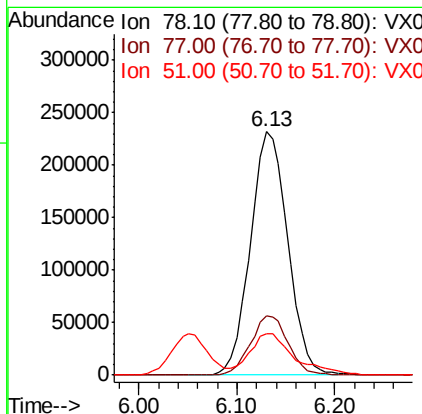
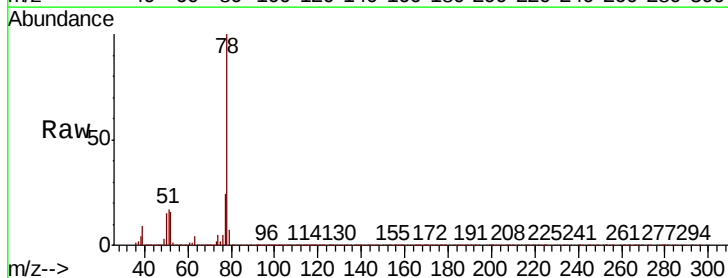
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

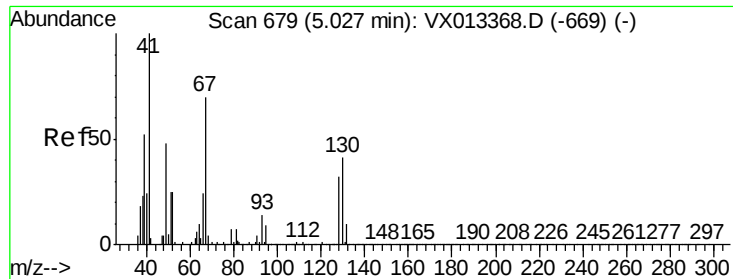
Tot Ion	Ratio	Lower	Upper
117	100		
119	93.8	75.0	112.6
121	31.1	24.9	37.3



#34
Benzene
Concen: 19.992 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX013368.D
Acq: 11 Nov 2019 16:53

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.3	28.9
51	15.3	12.2	18.4

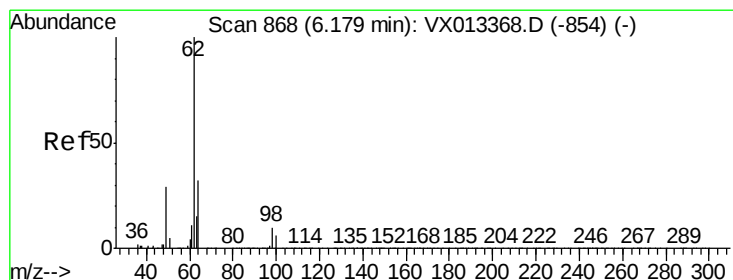
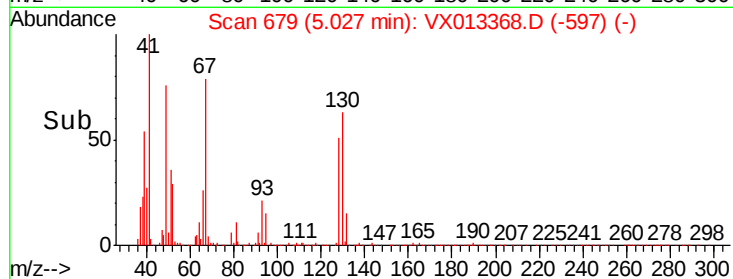
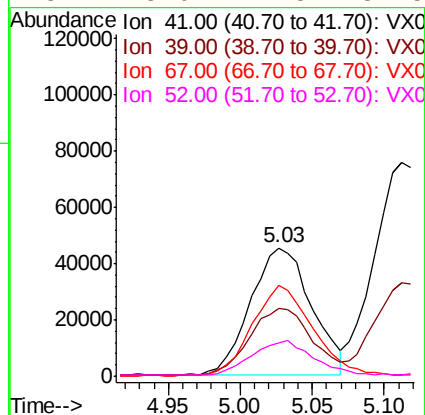
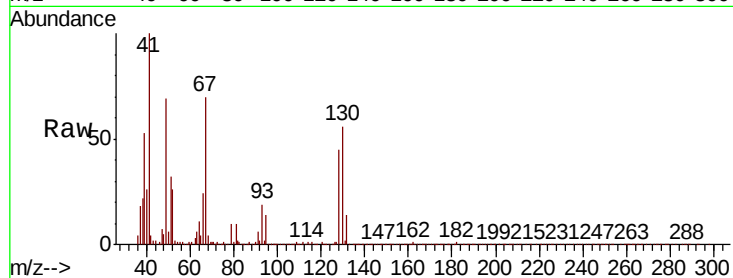




#35
Methacrylonitrile
Concen: 22.463 ug/l
RT: 5.03 min Scan# 679
Delta R.T. 0.00 min
Lab File: VX013368.D
Acq: 11 Nov 2019 16:53

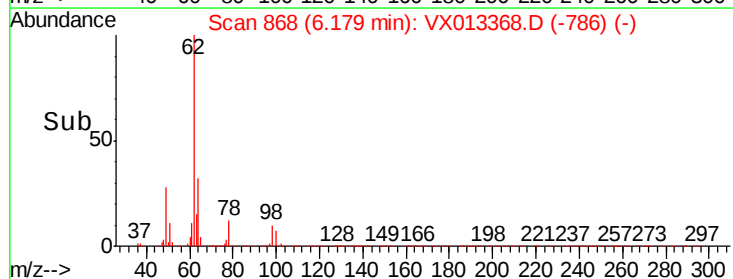
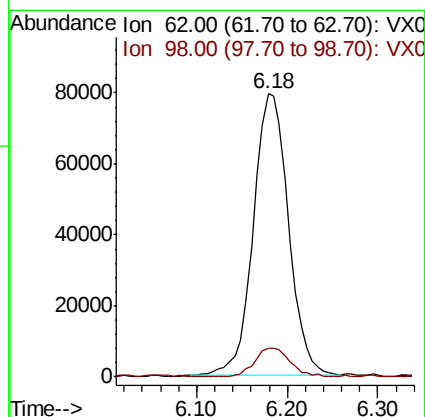
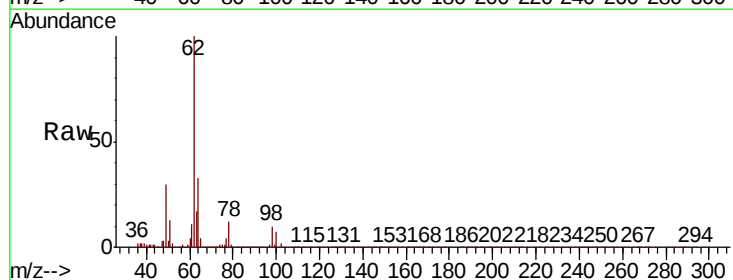
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

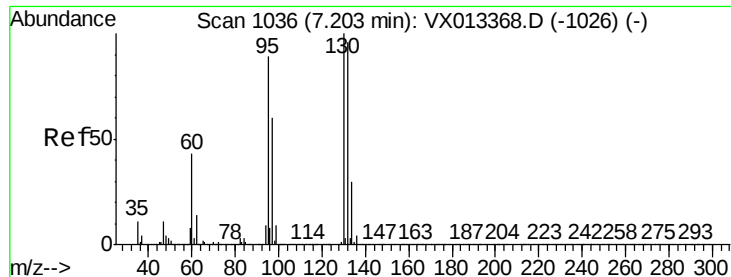
Tot Ion:	41	Resp:	133484
Ion	Ratio	Lower	Upper
41	100		
39	51.9	25.9	77.8
67	70.3	35.1	105.5
52	25.0	12.5	37.5



#36
1,2-Dichloroethane
Concen: 18.759 ug/l
RT: 6.18 min Scan# 868
Delta R.T. 0.00 min
Lab File: VX013368.D
Acq: 11 Nov 2019 16:53

Tgt Ion:	62	Resp:	214323
Ion	Ratio	Lower	Upper
62	100		
98	10.3	8.2	12.2





#37

Trichloroethene

Concen: 19.056 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. 0.00 min

Lab File: VX013368.D

Acq: 11 Nov 2019 16:53

Instrument :

MSVOA_X

ClientSampleId :

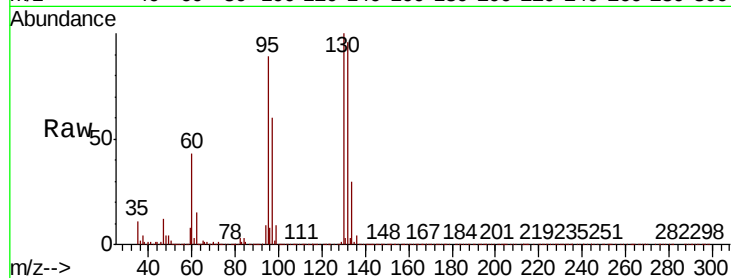
VSTDICCC020

Tot Ion:130 Resp: 160737

Ion Ratio Lower Upper

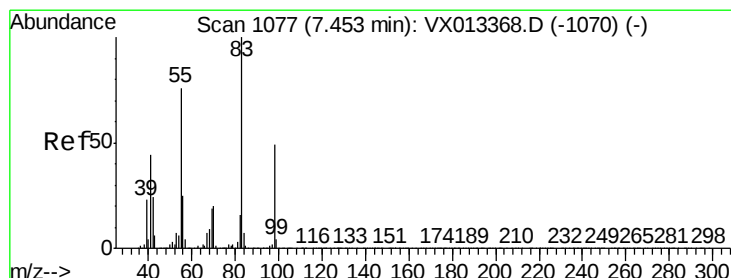
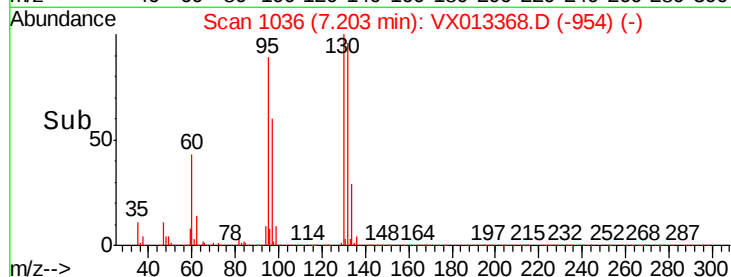
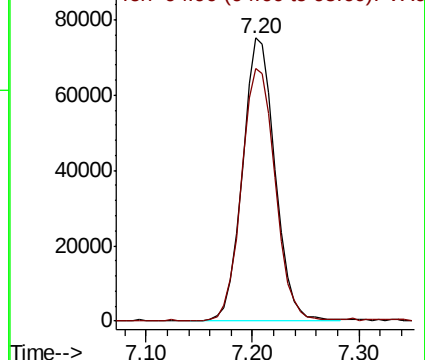
130 100

95 89.1 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: 18.794 ug/l

RT: 7.45 min Scan# 1077

Delta R.T. 0.00 min

Lab File: VX013368.D

Acq: 11 Nov 2019 16:53

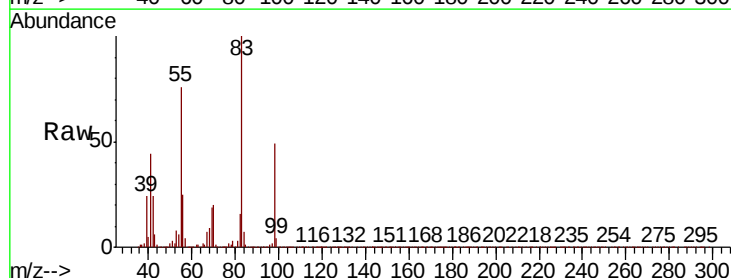
Tgt Ion: 83 Resp: 242919

Ion Ratio Lower Upper

83 100

55 75.8 37.9 113.7

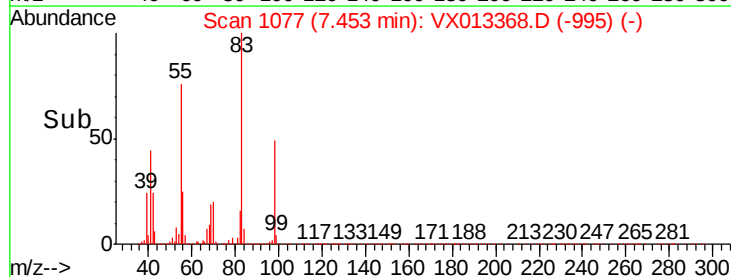
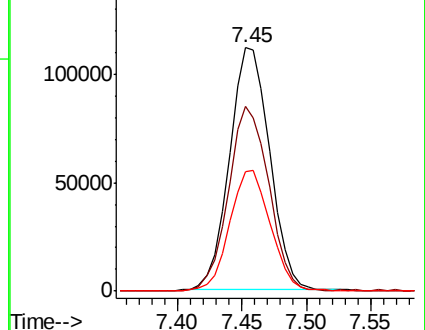
98 50.2 25.1 75.3

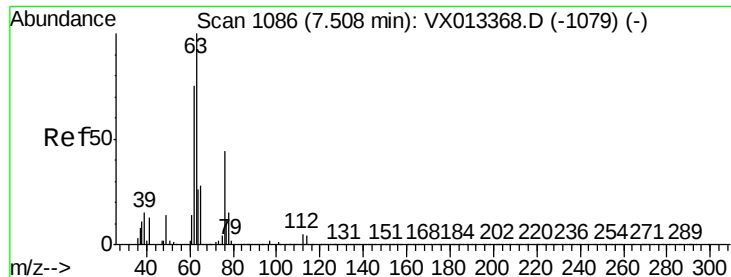


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#39

1,2-Dichloropropane

Concen: 20.575 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX013368.D

Acq: 11 Nov 2019 16:53

Instrument :

MSVOA_X

ClientSampleId :

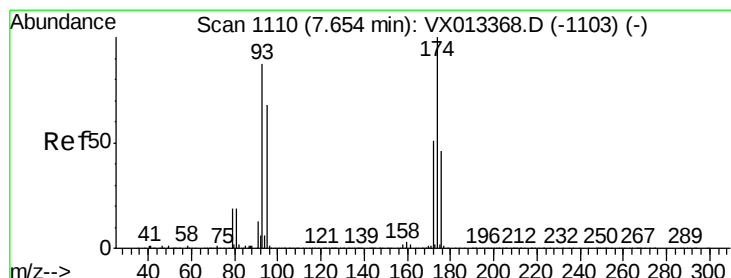
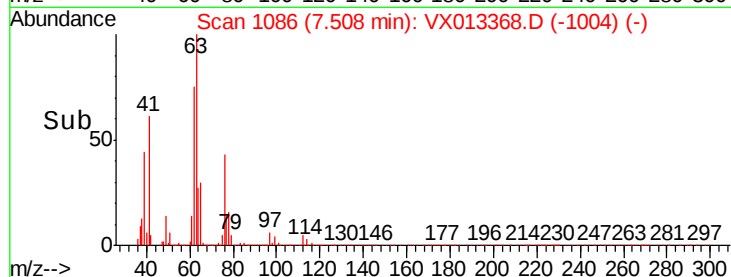
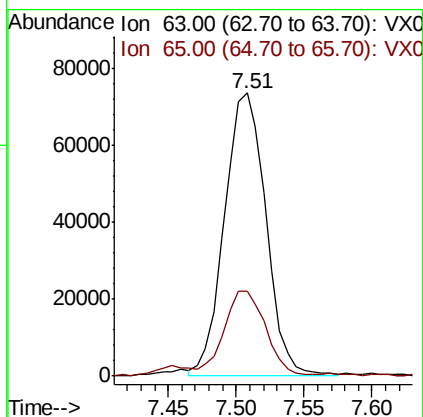
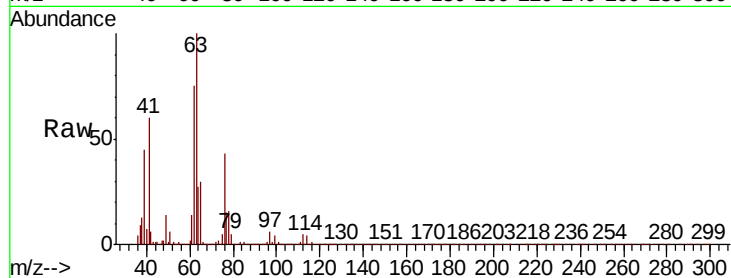
VSTDICCC020

Tot Ion: 63 Resp: 156206

Ion Ratio Lower Upper

63 100

65 29.8 23.8 35.8



#40

Dibromomethane

Concen: 19.553 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX013368.D

Acq: 11 Nov 2019 16:53

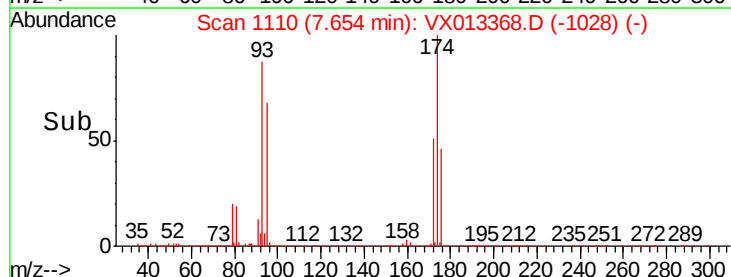
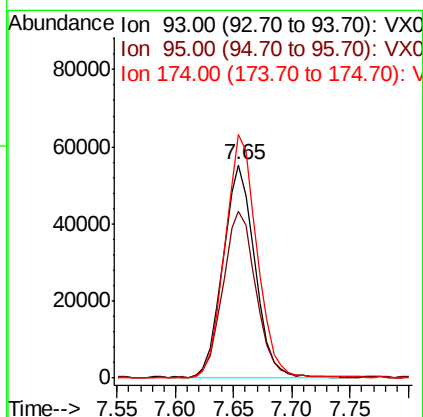
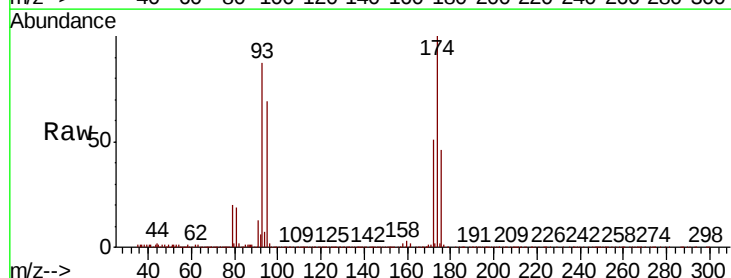
Tgt Ion: 93 Resp: 104630

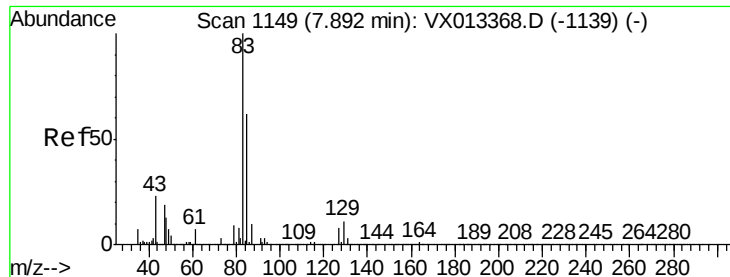
Ion Ratio Lower Upper

93 100

95 80.4 0.0 160.8

174 114.4 0.0 228.8





#41

Bromodichloromethane

Concen: 19.072 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX013368.D

Acq: 11 Nov 2019 16:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

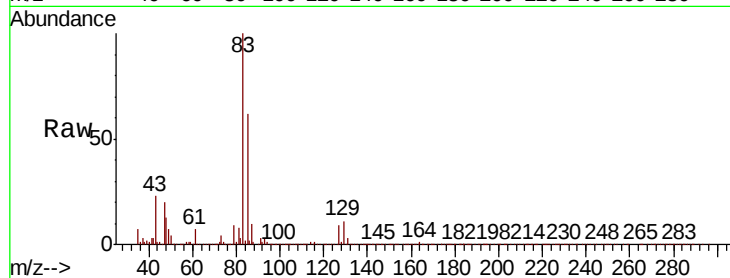
Tot Ion: 83 Resp: 205324

Ion Ratio Lower Upper

83 100

85 61.6 49.3 73.9

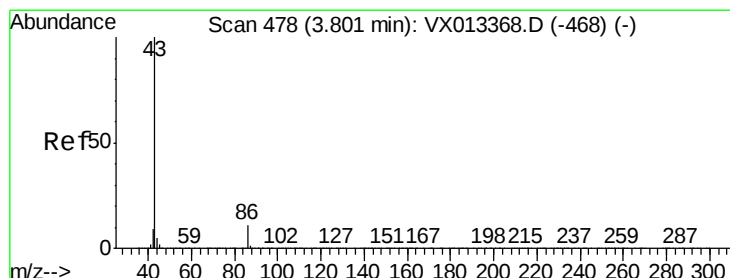
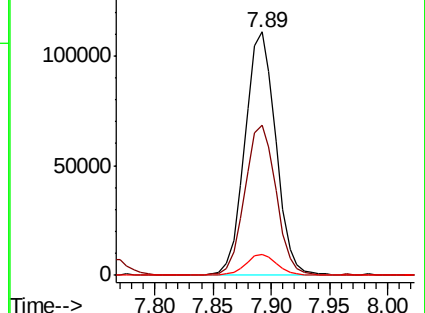
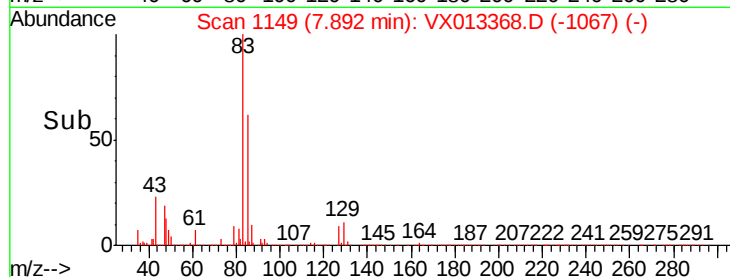
127 8.3 6.6 10.0



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): VX0



#42

Vinyl Acetate

Concen: 106.270 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX013368.D

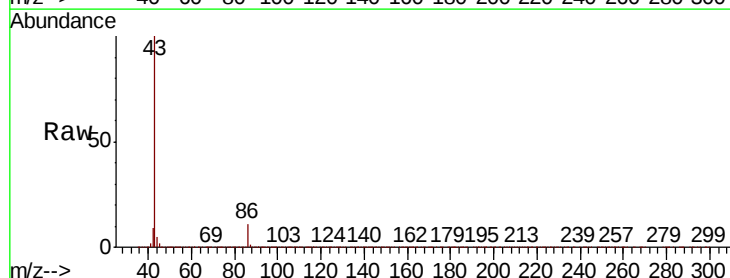
Acq: 11 Nov 2019 16:53

Tgt Ion: 43 Resp: 2091740

Ion Ratio Lower Upper

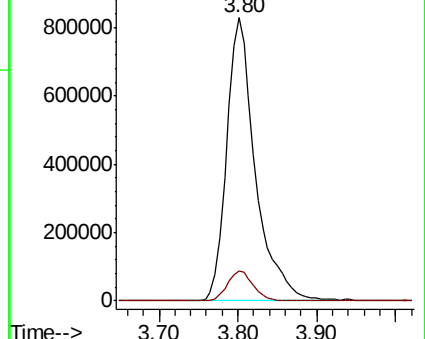
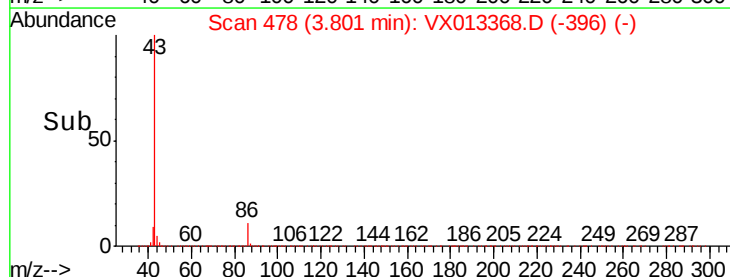
43 100

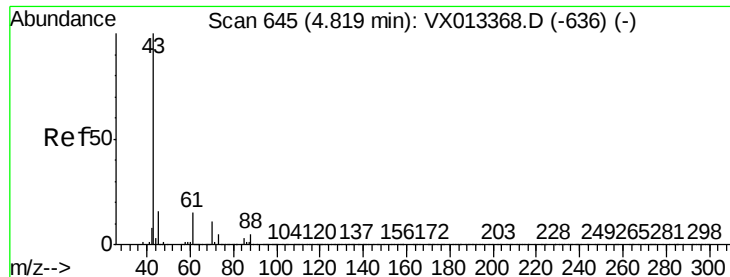
86 9.5 7.6 11.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

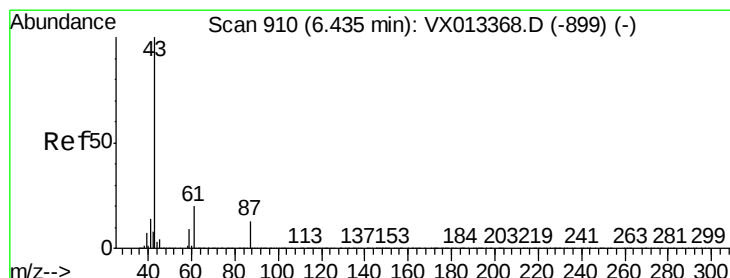
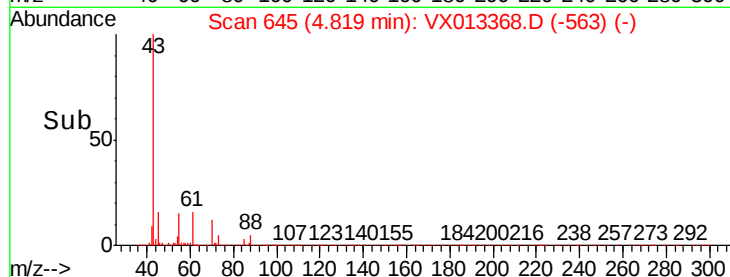
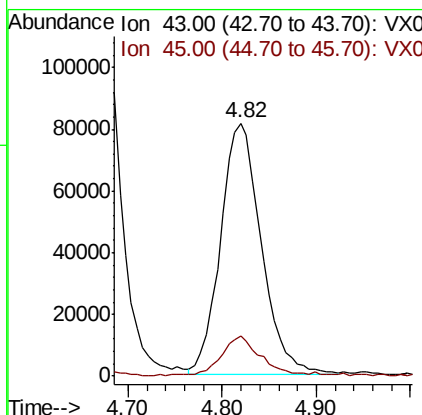
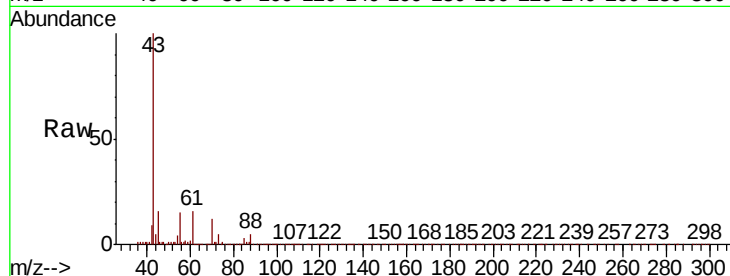




#43
Ethyl Acetate
Concen: 23.011 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX013368.D
Acq: 11 Nov 2019 16:53

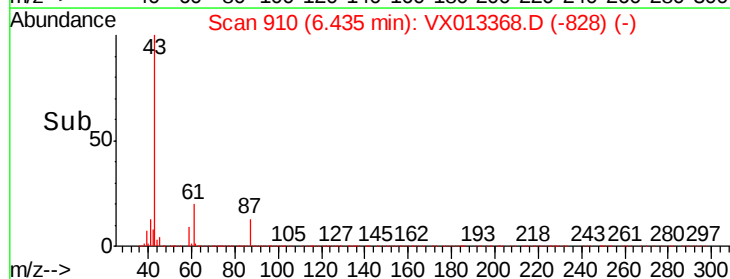
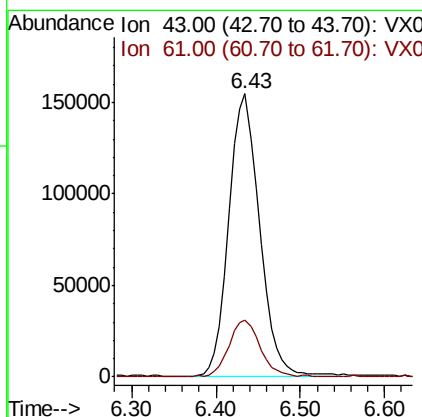
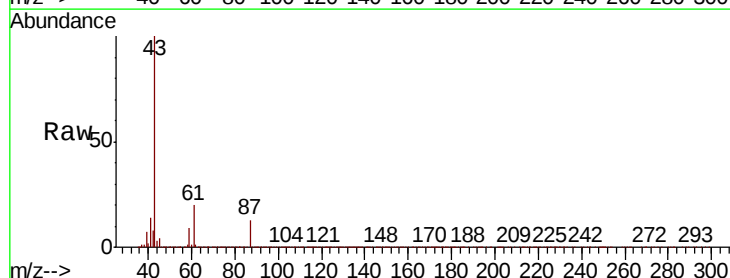
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

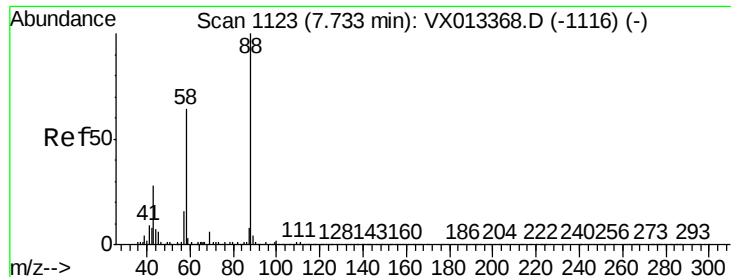
Tot Ion: 43 Resp: 245557
Ion Ratio Lower Upper
43 100
45 13.6 10.9 16.3



#44
Isopropyl Acetate
Concen: 21.858 ug/l
RT: 6.43 min Scan# 910
Delta R.T. 0.00 min
Lab File: VX013368.D
Acq: 11 Nov 2019 16:53

Tgt Ion: 43 Resp: 383310
Ion Ratio Lower Upper
43 100
61 19.7 15.8 23.8





#45

1,4-Dioxane

Concen: 392.064 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VX013368.D

Acq: 11 Nov 2019 16:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

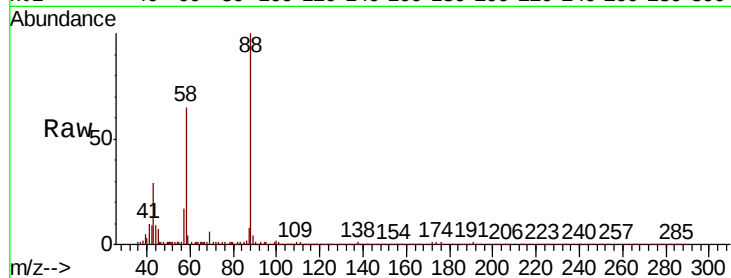
Tot Ion: 88 Resp: 84076

Ion Ratio Lower Upper

88 100

43 32.6 26.1 39.1

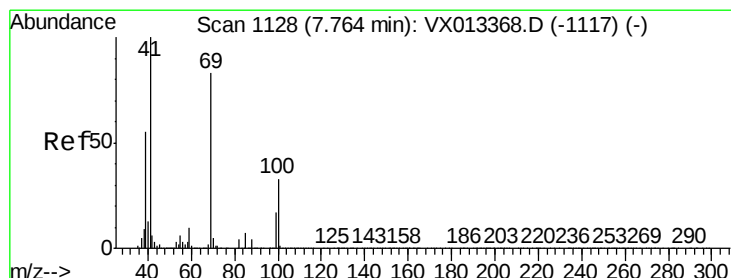
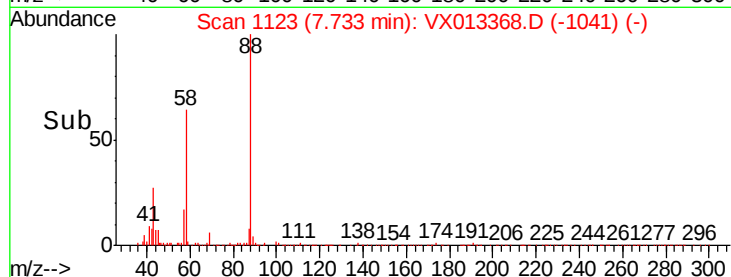
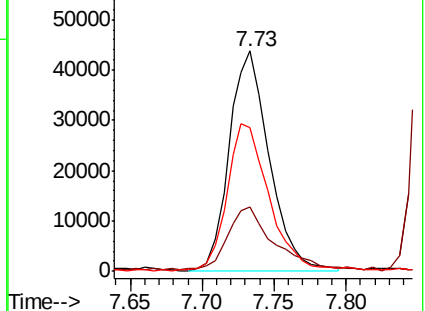
58 69.8 55.8 83.8



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#46

Methyl methacrylate

Concen: 21.762 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX013368.D

Acq: 11 Nov 2019 16:53

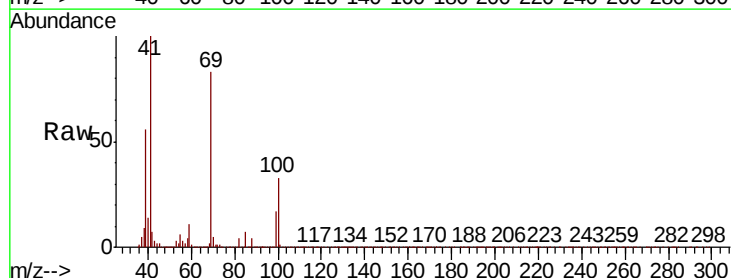
Tgt Ion: 41 Resp: 187859

Ion Ratio Lower Upper

41 100

69 82.9 41.4 124.4

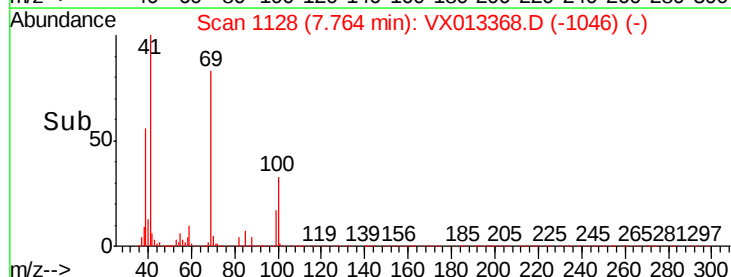
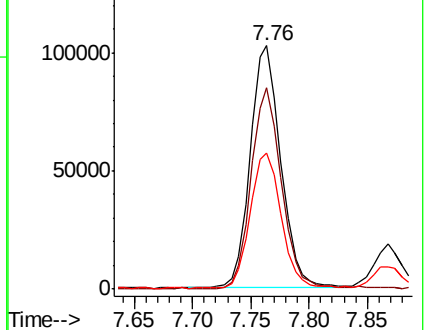
39 55.7 27.9 83.6

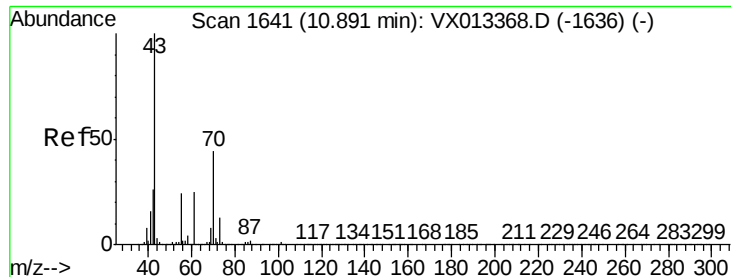


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#47

n-amvl Acetate

Concen: 21.799 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX013368.D

Acq: 11 Nov 2019 16:53

Instrument :

MSVOA_X

ClientSampleId :

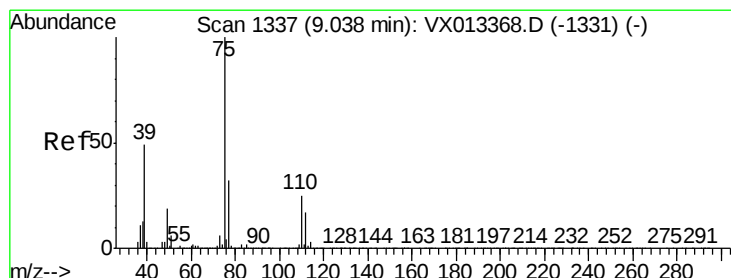
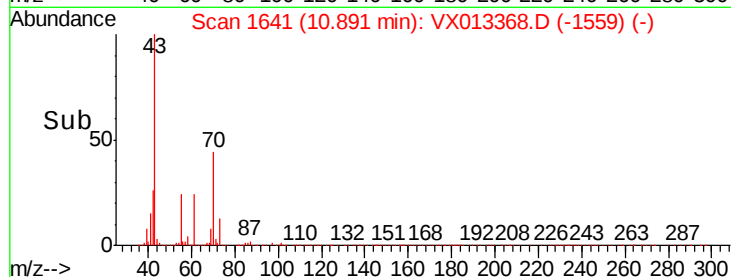
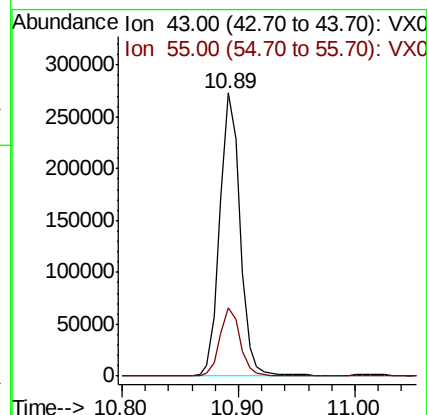
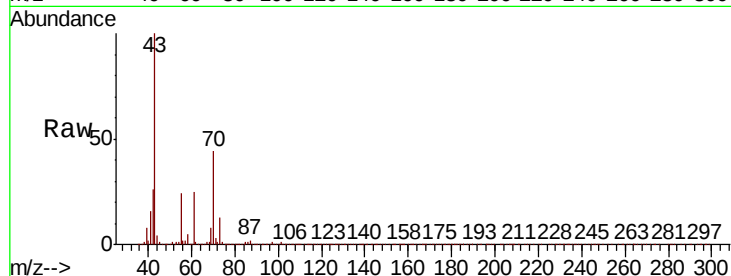
VSTDICCC020

Tot Ion: 43 Resp: 326917

Ion Ratio Lower Upper

43 100

55 23.7 19.0 28.4



#48

t-1,3-Dichloropropene

Concen: 18.500 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VX013368.D

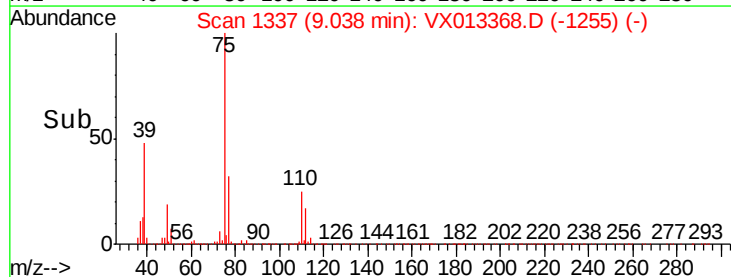
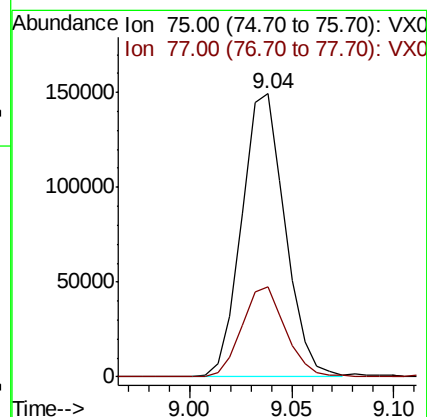
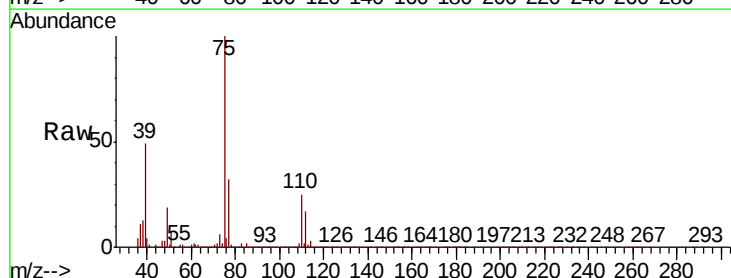
Acq: 11 Nov 2019 16:53

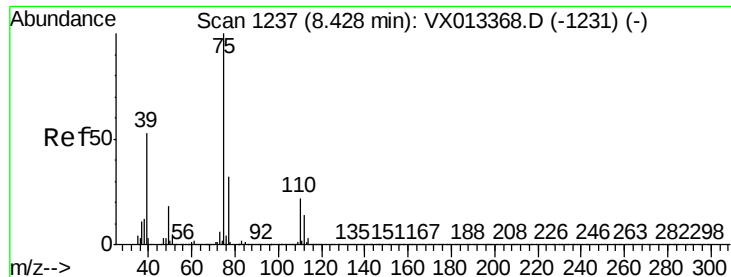
Tgt Ion: 75 Resp: 218778

Ion Ratio Lower Upper

75 100

77 31.6 25.3 37.9



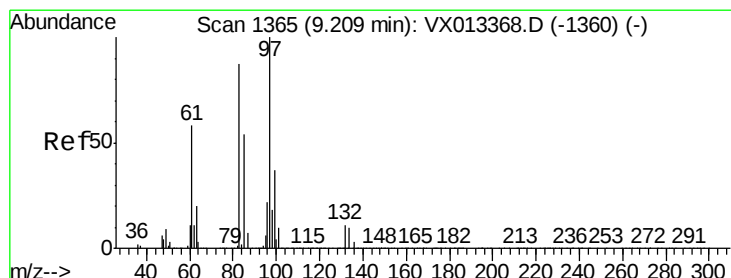
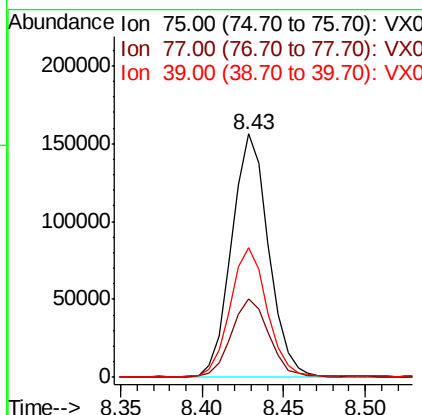
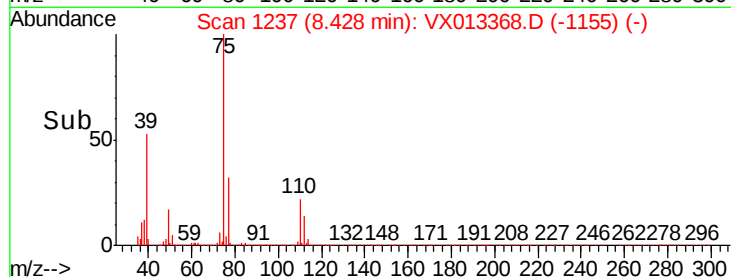
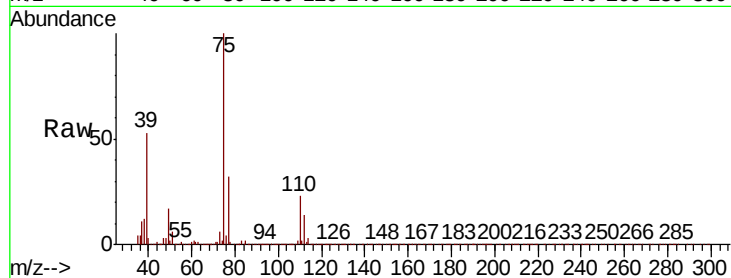


#49

cis-1,3-Dichloropropene
 Concen: 19.167 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: VX013368.D
 Acq: 11 Nov 2019 16:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

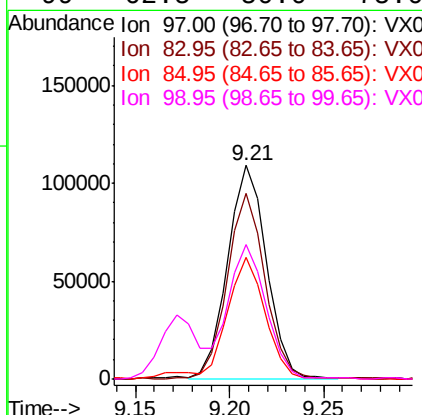
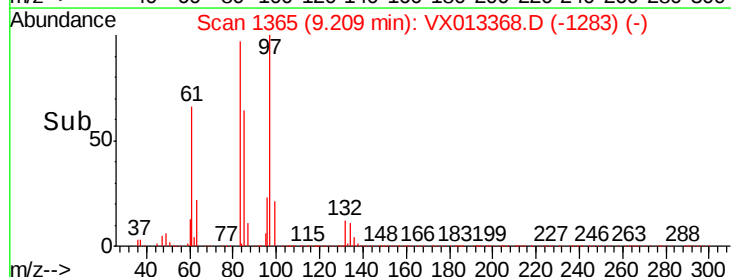
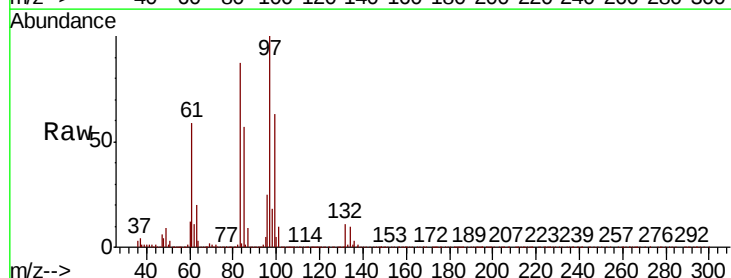
Tot Ion:	75	Resp:	247159
Ion	Ratio	Lower	Upper
75	100		
77	32.3	25.8	38.8
39	52.8	42.2	63.4

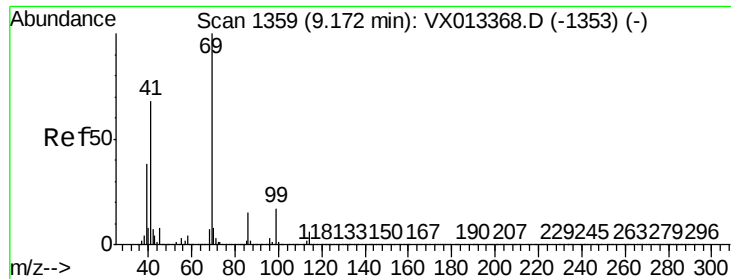


#50

1,1,2-Trichloroethane
 Concen: 19.810 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX013368.D
 Acq: 11 Nov 2019 16:53

Tgt Ion:	97	Resp:	157120
Ion	Ratio	Lower	Upper
97	100		
83	87.0	69.6	104.4
85	56.9	45.5	68.3
99	62.5	50.0	75.0





#51

Ethyl methacrylate

Concen: 19.604 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX013368.D

Acq: 11 Nov 2019 16:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

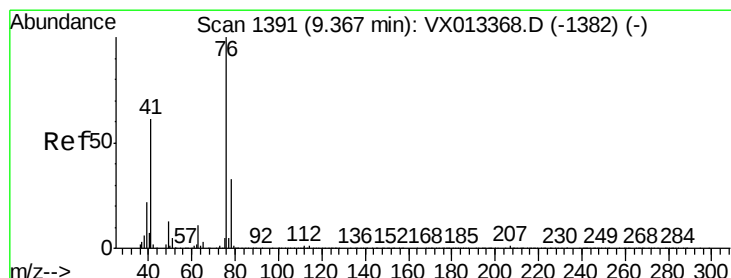
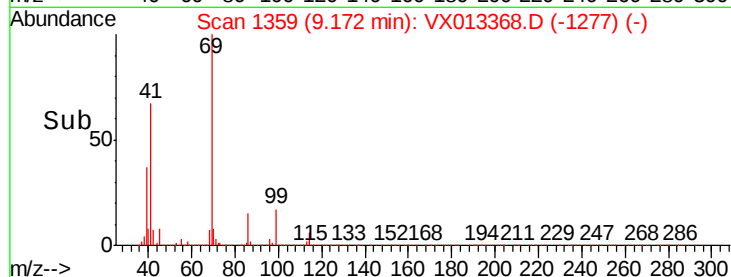
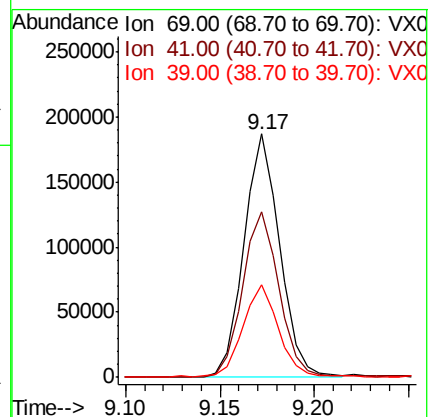
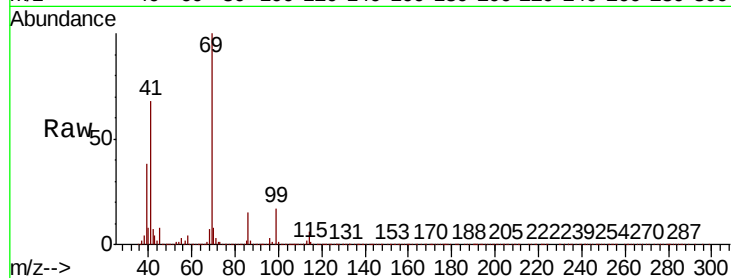
Tot Ion: 69 Resp: 245009

Ion Ratio Lower Upper

69 100

41 67.7 33.9 101.6

39 37.6 18.8 56.4



#52

1,3-Dichloropropane

Concen: 20.018 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX013368.D

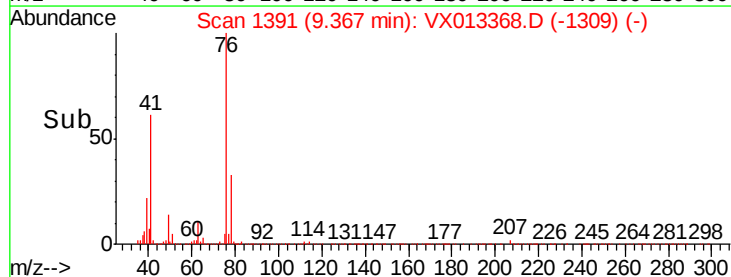
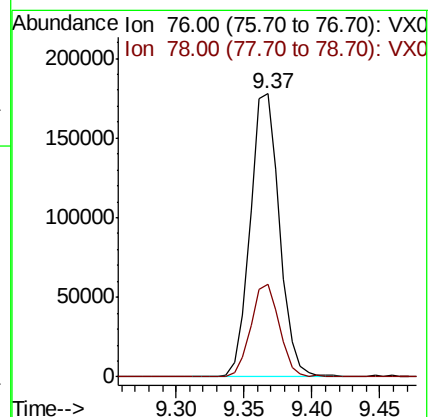
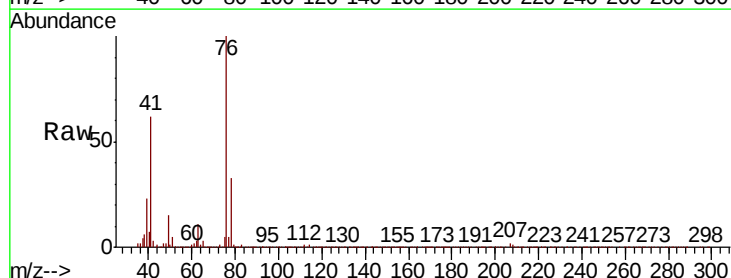
Acq: 11 Nov 2019 16:53

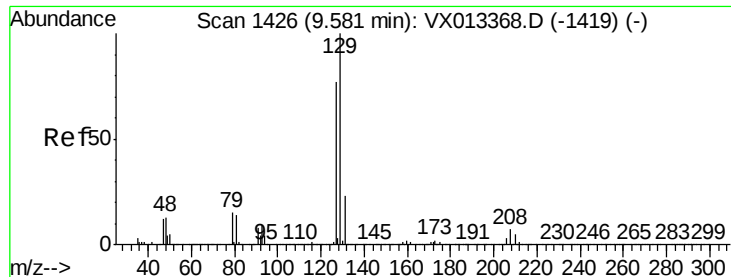
Tgt Ion: 76 Resp: 267791

Ion Ratio Lower Upper

76 100

78 31.8 0.0 63.6





#53

Dibromochloromethane

Concen: 18.706 ug/l

RT: 9.58 min Scan# 1426

Delta R.T. 0.00 min

Lab File: VX013368.D

Acq: 11 Nov 2019 16:53

Instrument :

MSVOA_X

ClientSampleId :

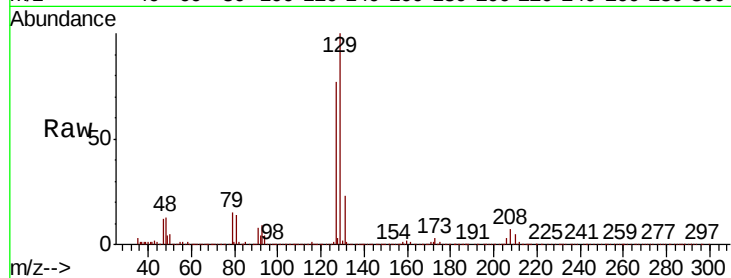
VSTDICCC020

Tot Ion:129 Resp: 159334

Ion Ratio Lower Upper

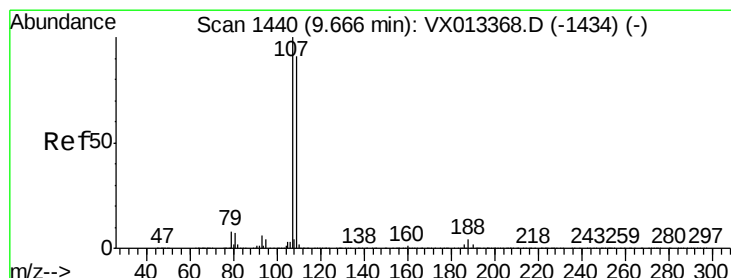
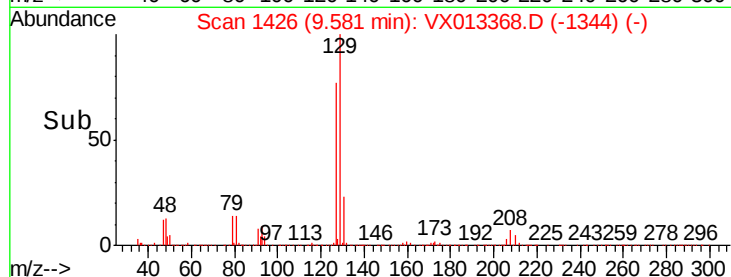
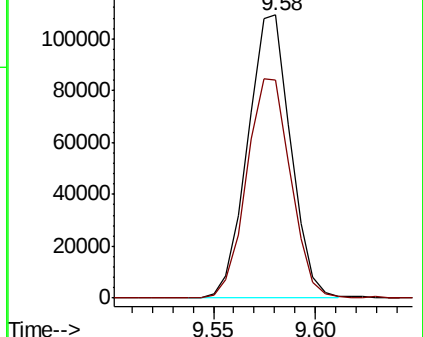
129 100

127 79.3 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: 19.771 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX013368.D

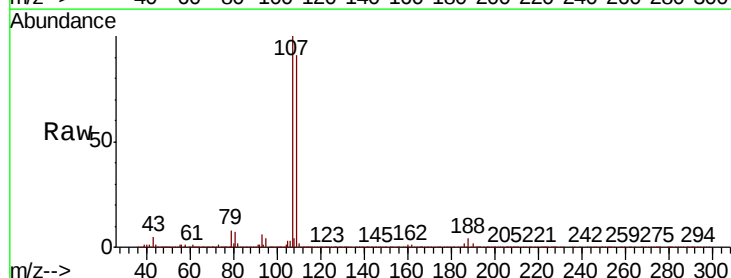
Acq: 11 Nov 2019 16:53

Tgt Ion:107 Resp: 167352

Ion Ratio Lower Upper

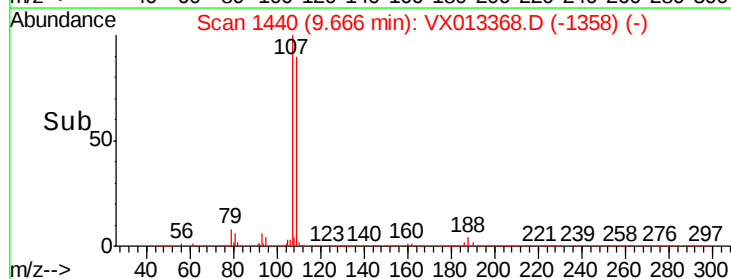
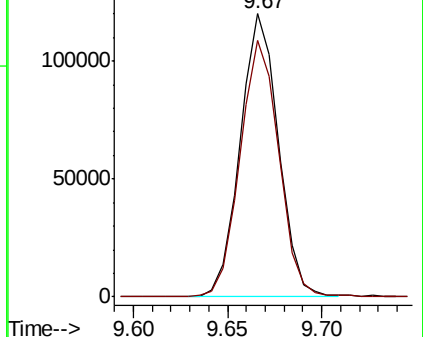
107 100

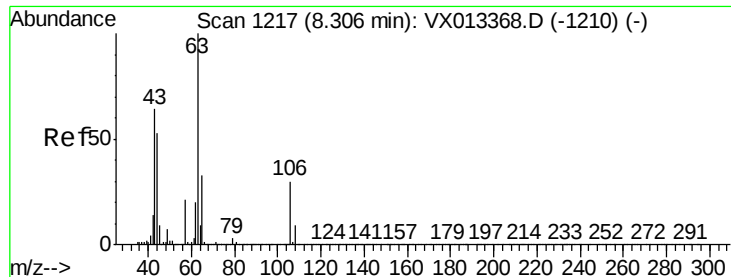
109 92.4 73.9 110.9



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

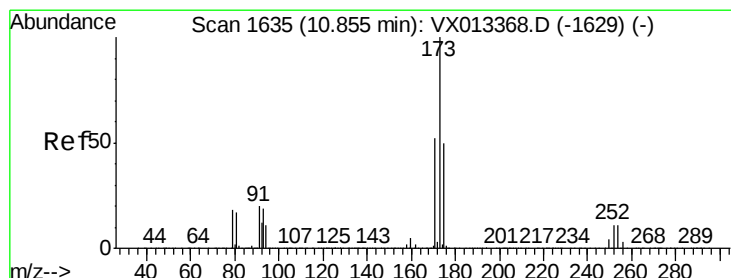
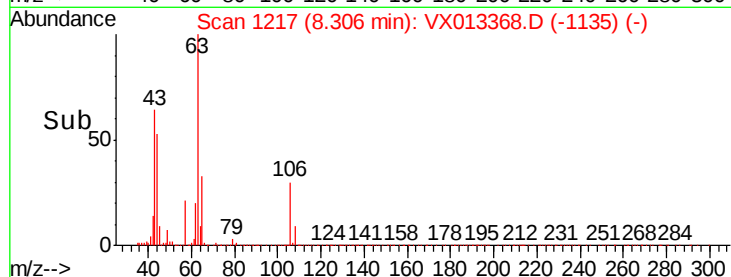
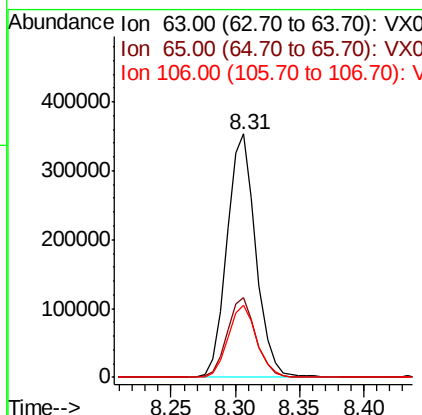
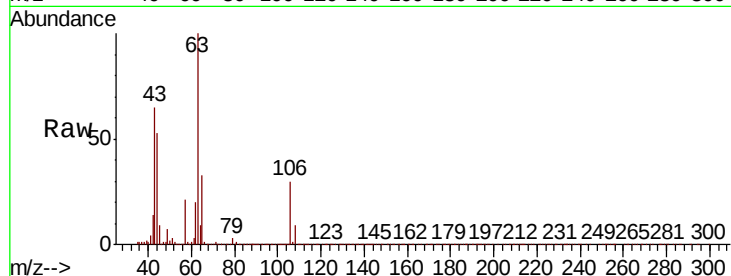




#55
 2-Chloroethyl vinyl ether
 Concen: 106.823 ug/l
 RT: 8.31 min Scan# 1217
 Delta R.T. 0.00 min
 Lab File: VX013368.D
 Acq: 11 Nov 2019 16:53

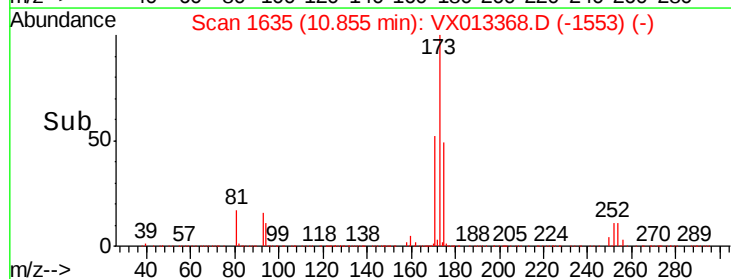
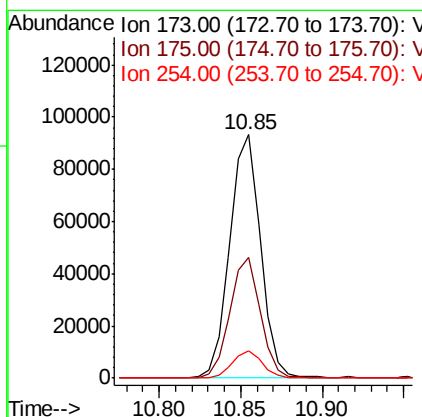
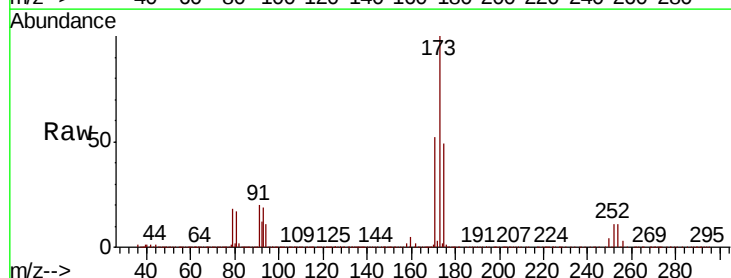
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

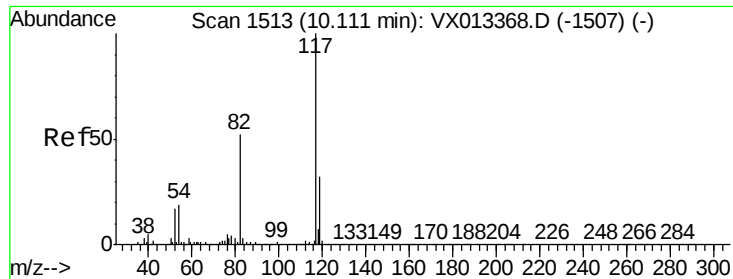
Tot Ion	Ratio	Lower	Upper
63	100		
65	32.5	26.0	39.0
106	29.4	23.5	35.3



#56
 Bromoform
 Concen: 19.846 ug/l
 RT: 10.85 min Scan# 1635
 Delta R.T. 0.00 min
 Lab File: VX013368.D
 Acq: 11 Nov 2019 16:53

Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.2	39.4	59.0
254	10.7	8.6	12.8

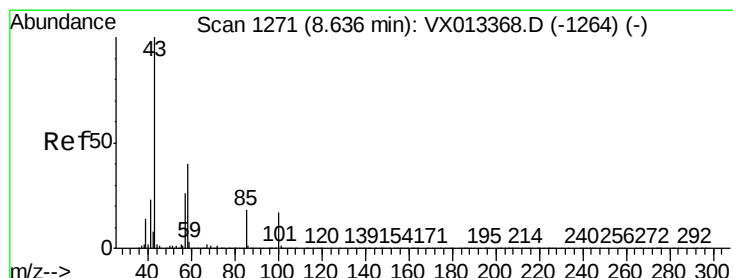
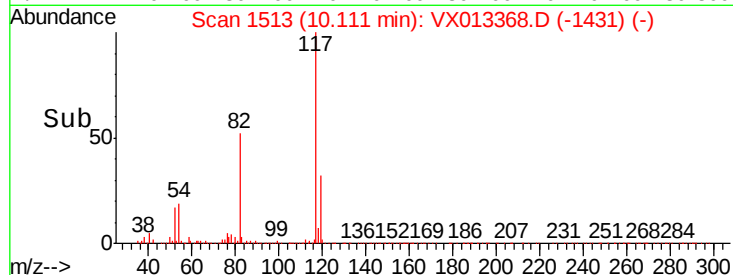
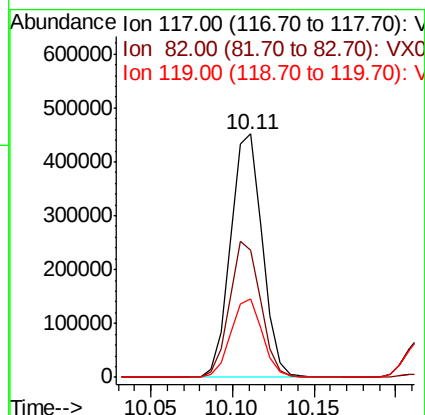
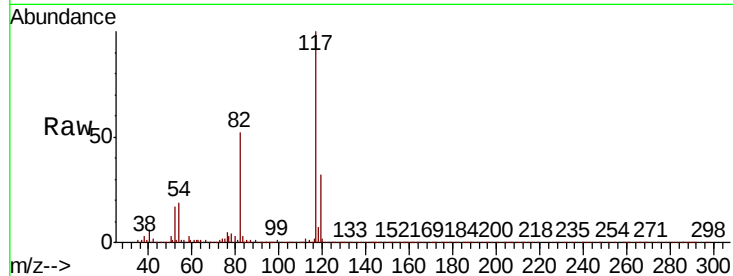




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX013368.D
Acq: 11 Nov 2019 16:53

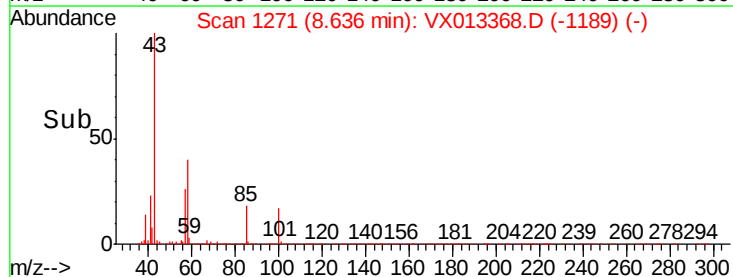
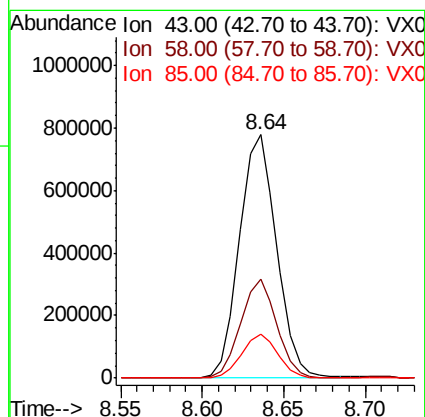
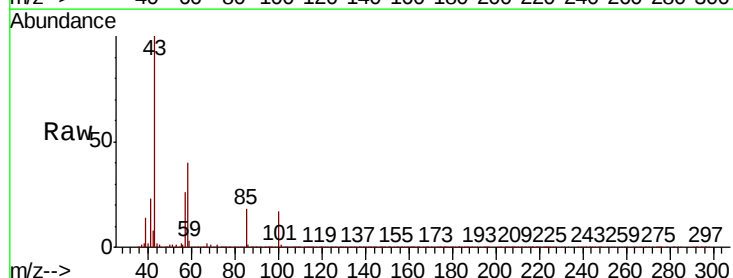
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

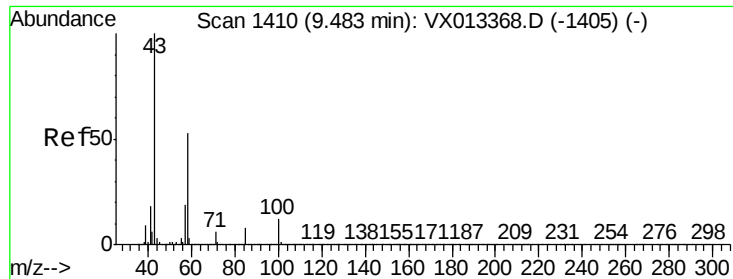
Tot Ion:117 Resp: 610518
Ion Ratio Lower Upper
117 100
82 54.6 43.7 65.5
119 31.9 25.5 38.3



#58
4-Methyl-2-Pentanone
Concen: 116.209 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VX013368.D
Acq: 11 Nov 2019 16:53

Tgt Ion: 43 Resp: 1237075
Ion Ratio Lower Upper
43 100
58 39.5 31.6 47.4
85 17.7 14.2 21.2

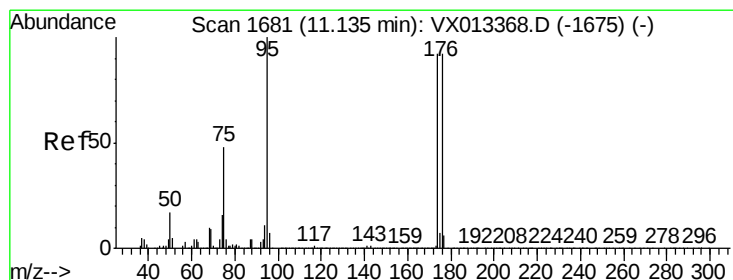
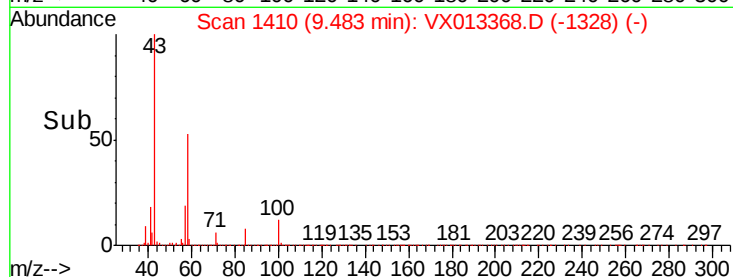
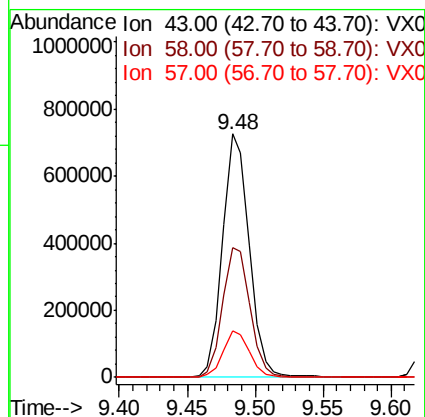
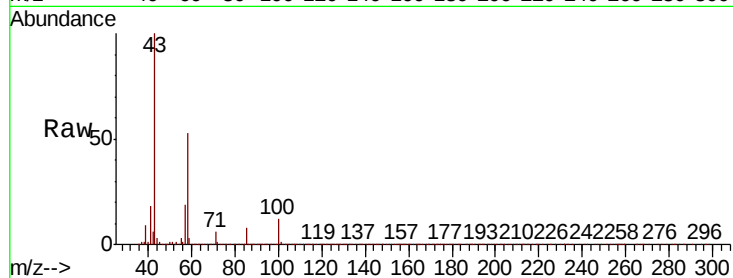




#59
2-Hexanone
Concen: 117.895 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX013368.D
Acq: 11 Nov 2019 16:53

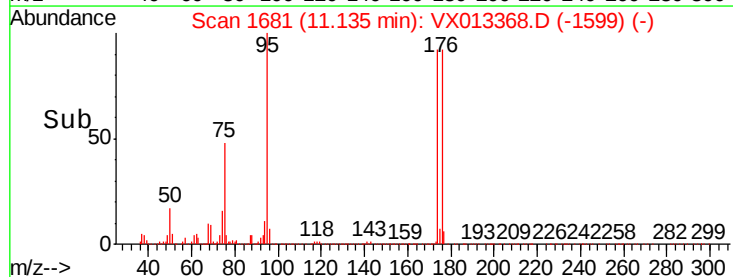
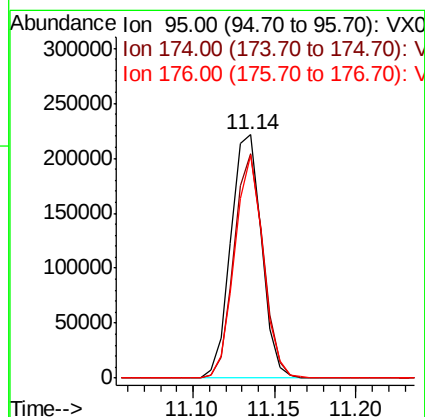
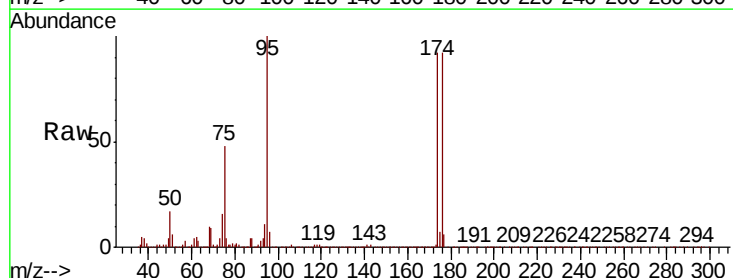
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

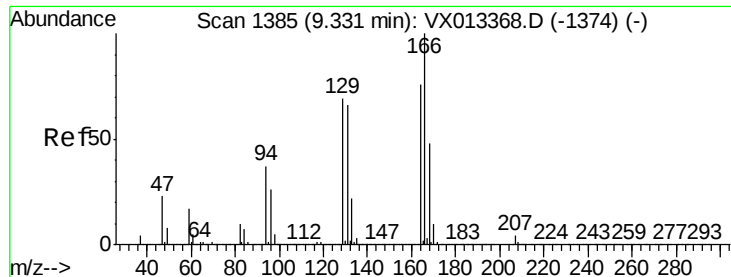
Tot Ion:	43	Resp:	988631
Ion	Ratio	Lower	Upper
43	100		
58	54.7	43.8	65.6
57	18.9	15.1	22.7



#60
4-Bromofluorobenzene
Concen: 27.765 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX013368.D
Acq: 11 Nov 2019 16:53

Tgt Ion:	95	Resp:	289954
Ion	Ratio	Lower	Upper
95	100		
174	87.7	70.2	105.2
176	85.4	68.3	102.5

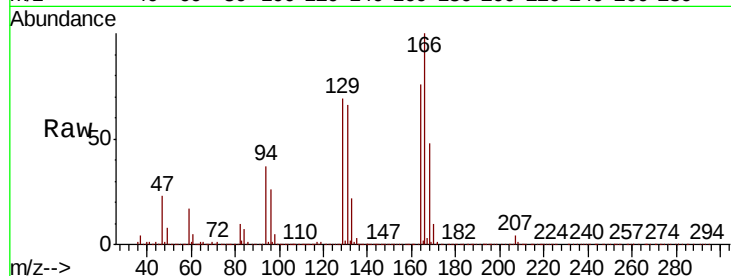




#61
Tetrachloroethene
Concen: 18.215 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX013368.D
Acq: 11 Nov 2019 16:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tot Ion	Ratio	Lower	Upper
164	100		
166	131.1	104.9	157.3
129	90.4	72.3	108.5
131	86.3	69.0	103.6



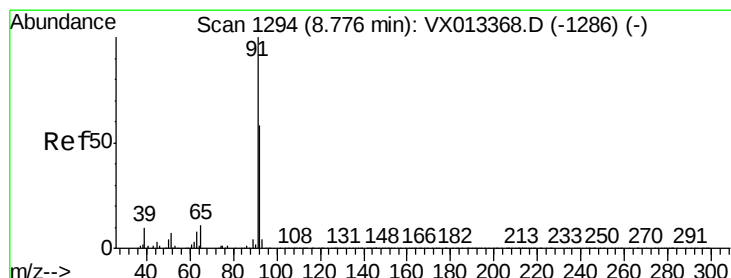
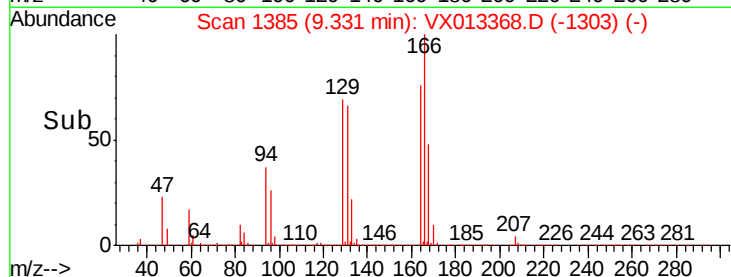
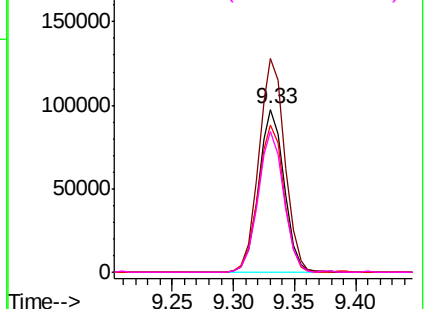
Abundance

Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

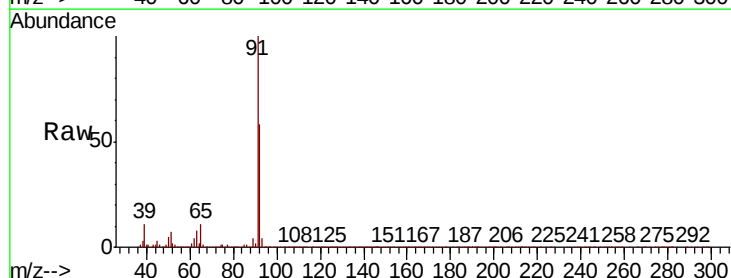
Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62
Toluene
Concen: 20.080 ug/l
RT: 8.78 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX013368.D
Acq: 11 Nov 2019 16:53

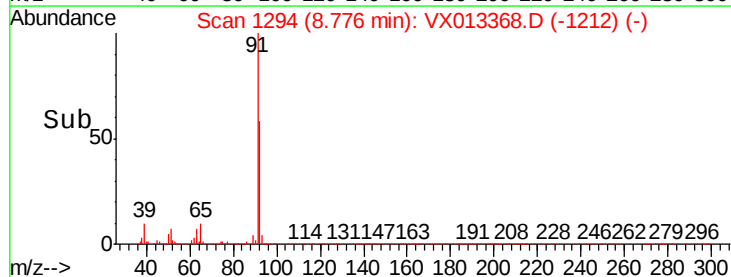
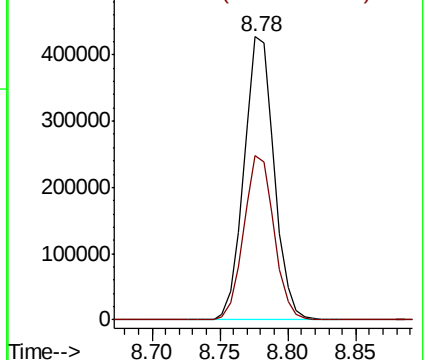
Tgt Ion	Ratio	Lower	Upper
91	100		
92	58.2	46.6	69.8

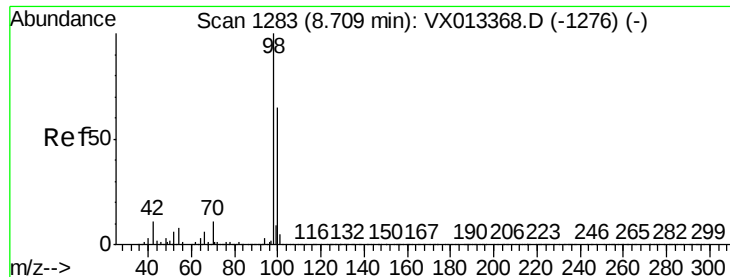


Abundance

Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 30.807 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX013368.D

Acq: 11 Nov 2019 16:53

Instrument :

MSVOA_X

ClientSampleId :

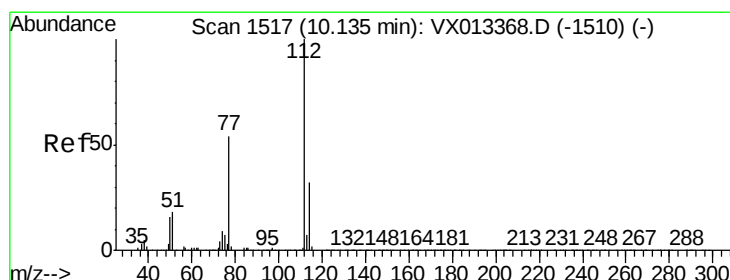
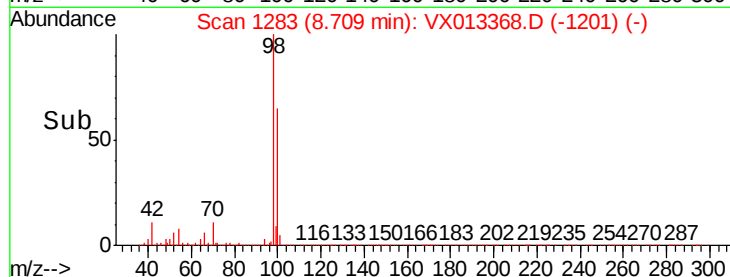
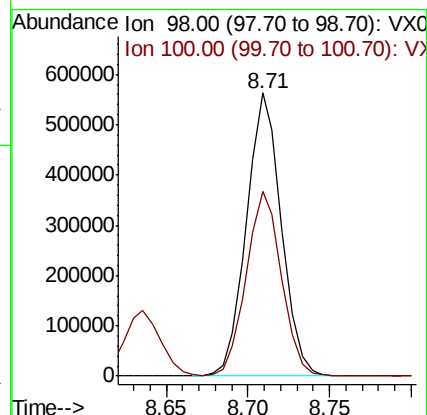
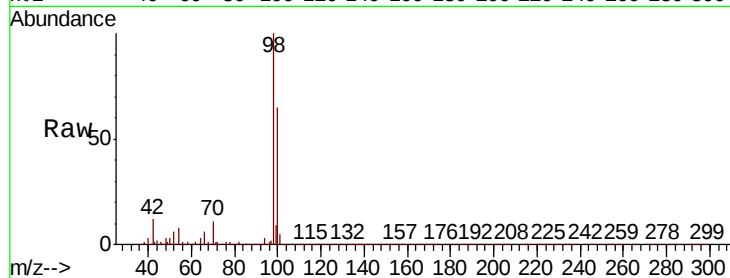
VSTDICCC020

Tot Ion: 98 Resp: 836567

Ion Ratio Lower Upper

98 100

100 65.6 52.5 78.7



#64

Chlorobenzene

Concen: 19.195 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX013368.D

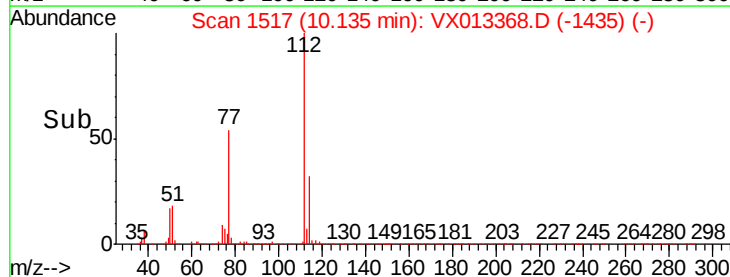
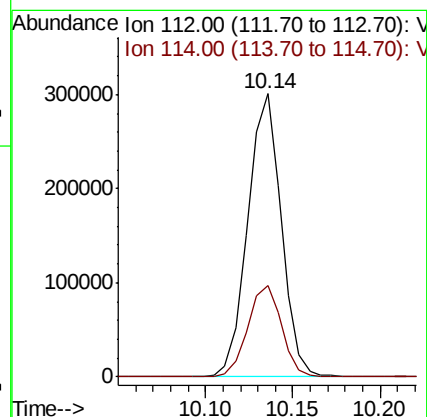
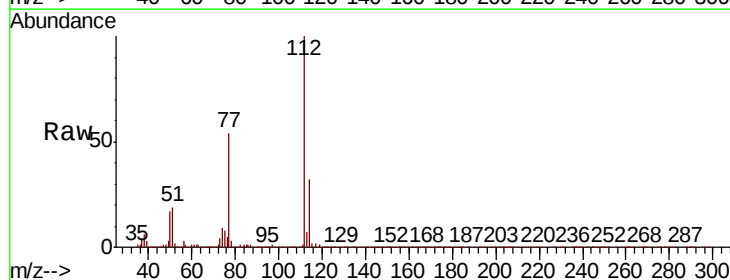
Acq: 11 Nov 2019 16:53

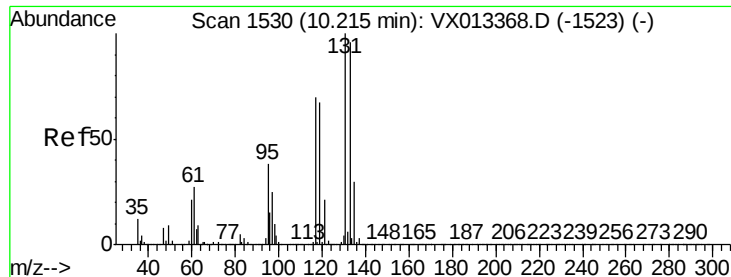
Tgt Ion: 112 Resp: 402267

Ion Ratio Lower Upper

112 100

114 32.1 25.7 38.5





#65

1,1,1,2-Tetrachloroethane

Concen: 19.142 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX013368.D

Acq: 11 Nov 2019 16:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

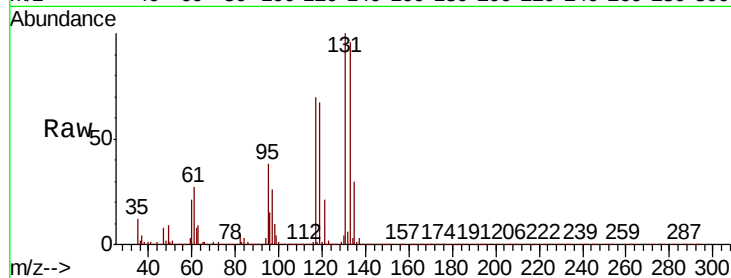
Tot Ion:131 Resp: 149747

Ion Ratio Lower Upper

131 100

133 96.1 0.0 192.2

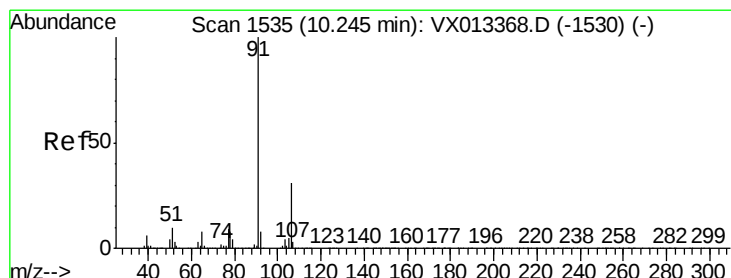
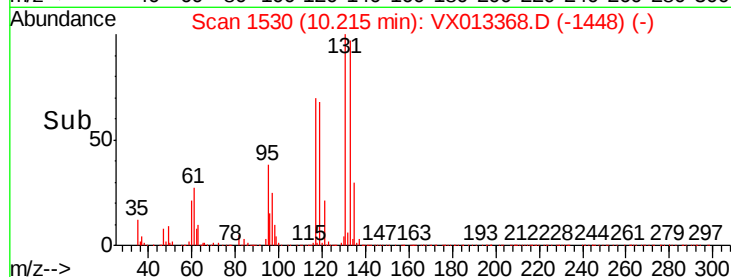
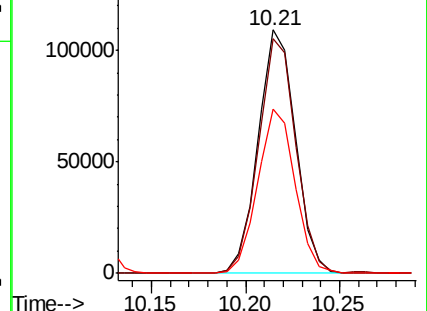
119 67.2 0.0 134.4



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 19.001 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX013368.D

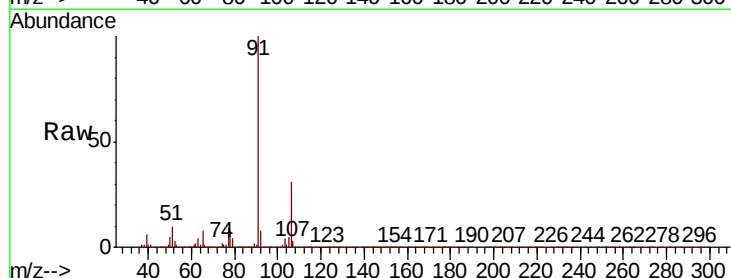
Acq: 11 Nov 2019 16:53

Tgt Ion: 91 Resp: 713788

Ion Ratio Lower Upper

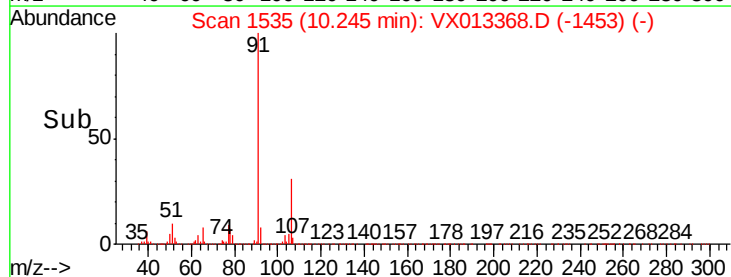
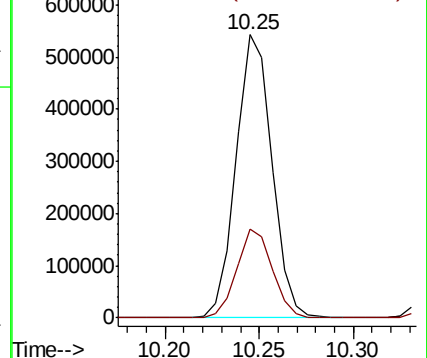
91 100

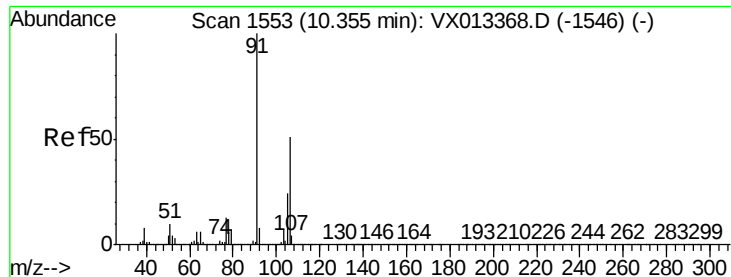
106 31.2 25.0 37.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V





#67

m/p-Xylenes

Concen: 38.278 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX013368.D

Acq: 11 Nov 2019 16:53

Instrument :

MSVOA_X

ClientSampleId :

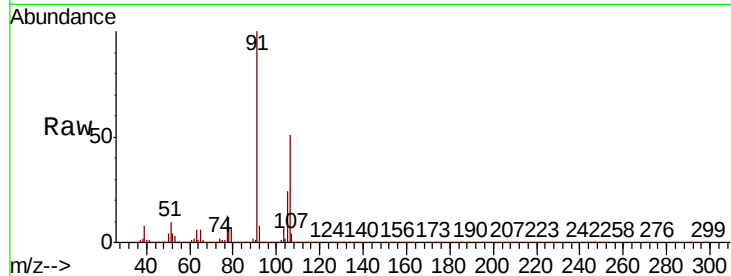
VSTDICCC020

Tot Ion:106 Resp: 545879

Ion Ratio Lower Upper

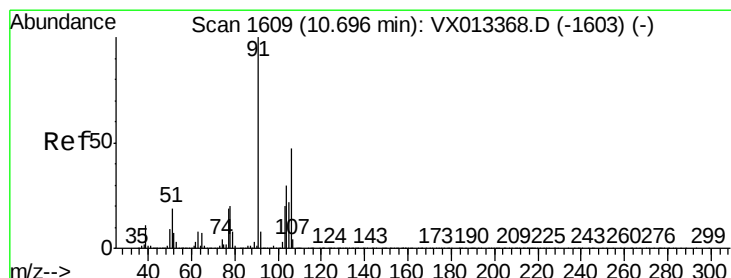
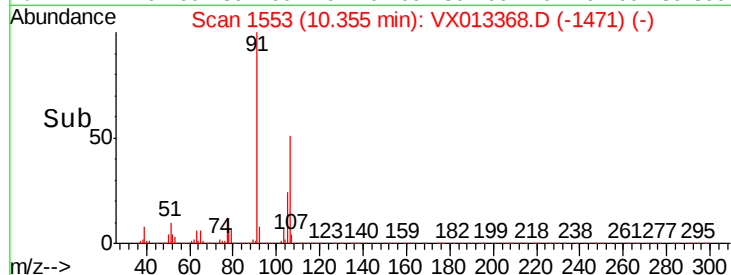
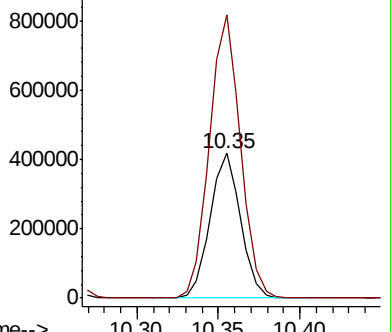
106 100

91 198.0 158.4 237.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#68

o-Xylene

Concen: 19.062 ug/l

RT: 10.70 min Scan# 1609

Delta R.T. 0.00 min

Lab File: VX013368.D

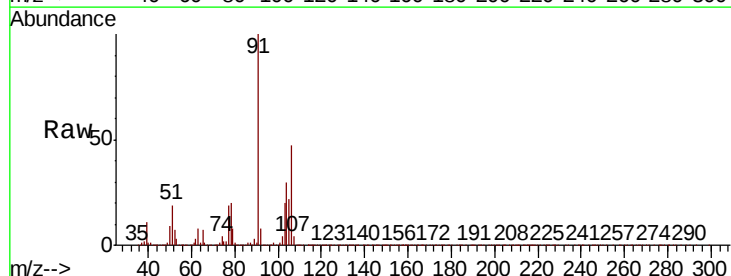
Acq: 11 Nov 2019 16:53

Tgt Ion:106 Resp: 261412

Ion Ratio Lower Upper

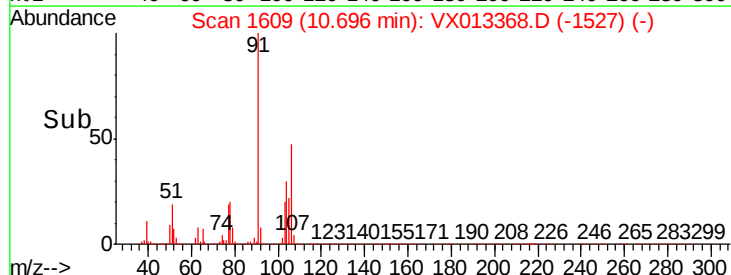
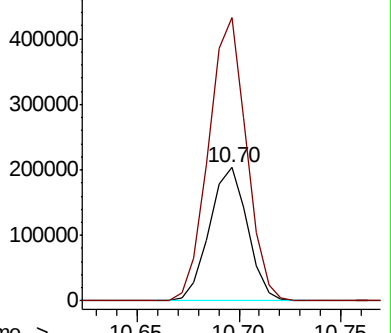
106 100

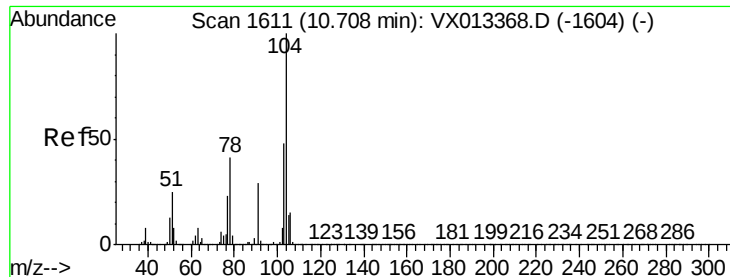
91 212.8 106.4 319.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

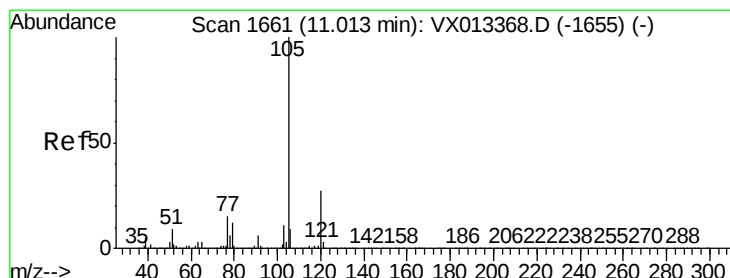
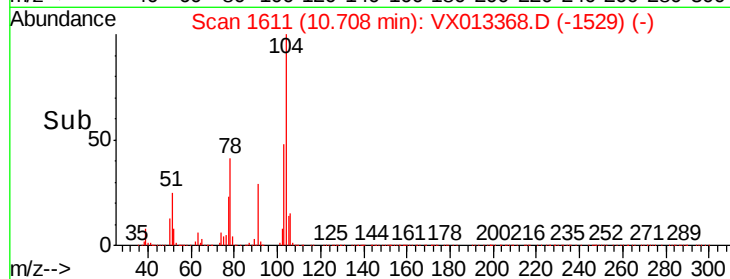
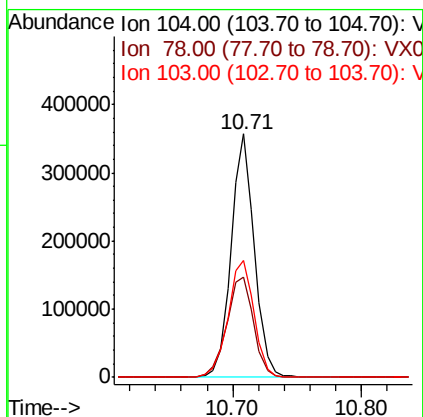
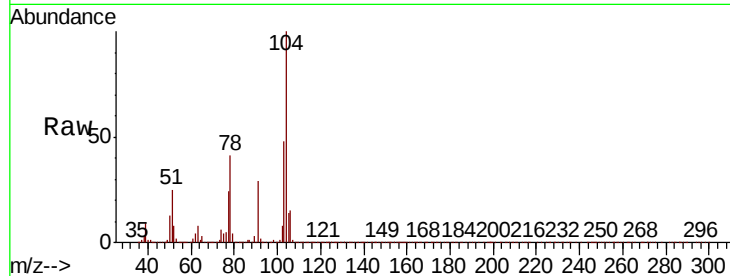




#69
Stvrene
Concen: 19.129 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX013368.D
Acq: 11 Nov 2019 16:53

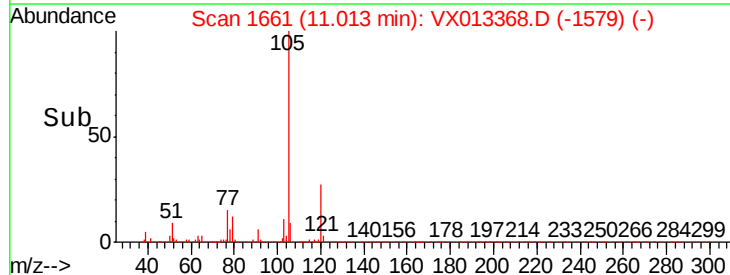
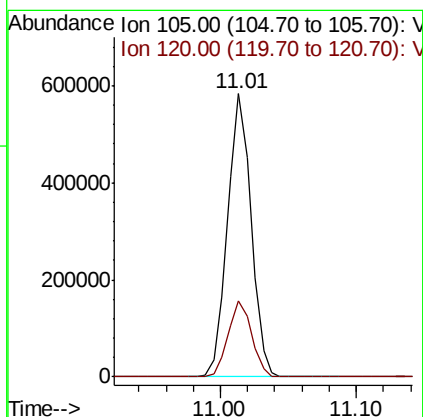
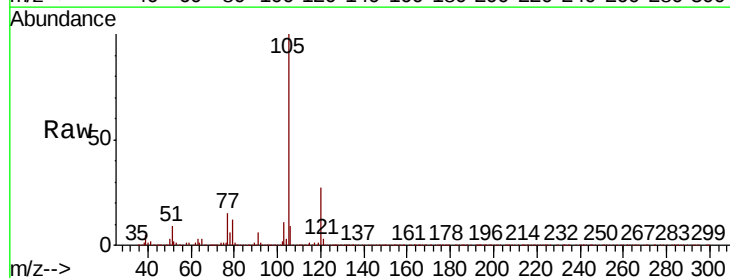
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

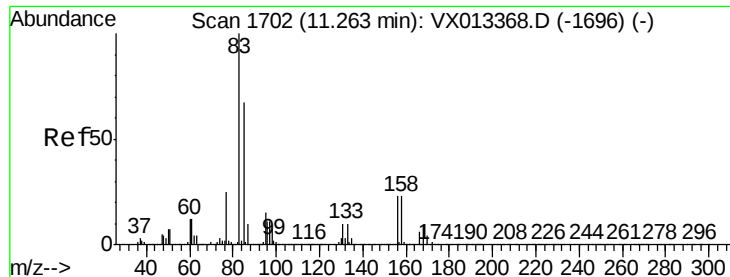
Tot Ion:104 Resp: 448891
Ion Ratio Lower Upper
104 100
78 47.8 38.2 57.4
103 54.0 43.2 64.8



#70
Isopropylbenzene
Concen: 18.854 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX013368.D
Acq: 11 Nov 2019 16:53

Tgt Ion:105 Resp: 702385
Ion Ratio Lower Upper
105 100
120 26.8 18.8 34.8

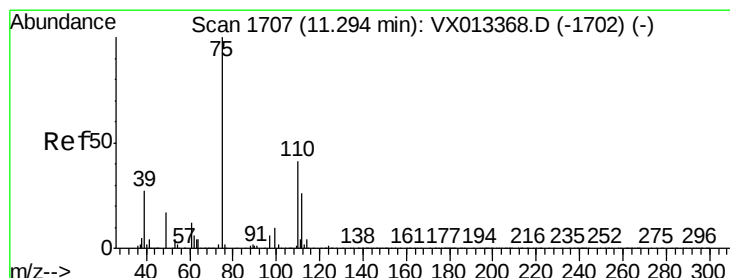
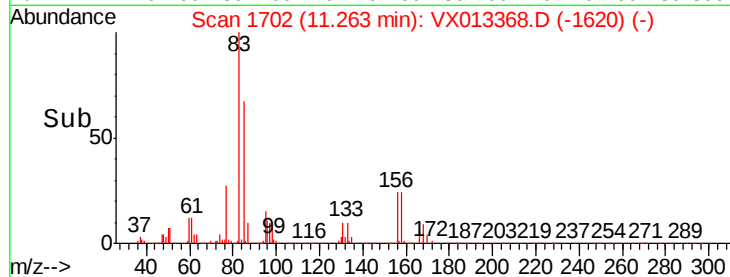
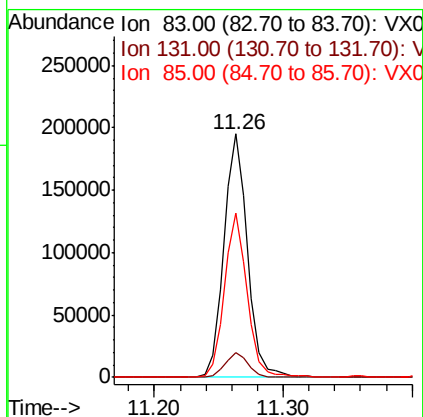
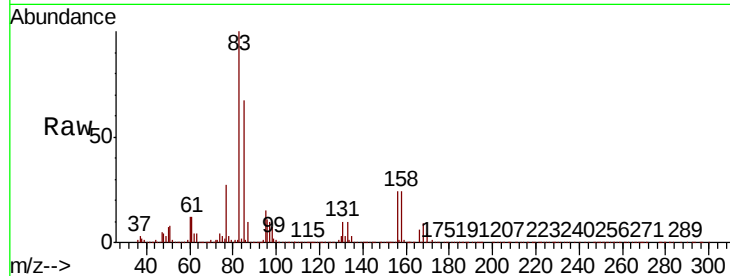




#71
 1,1,2,2-Tetrachloroethane
 Concen: 21.236 ug/l
 RT: 11.26 min Scan# 1702
 Delta R.T. 0.00 min
 Lab File: VX013368.D
 Acq: 11 Nov 2019 16:53

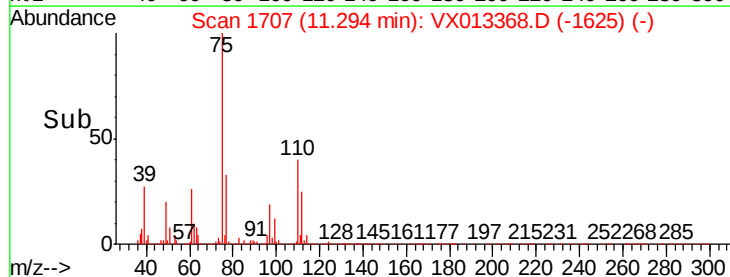
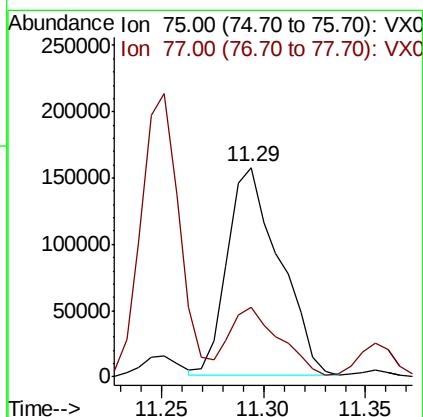
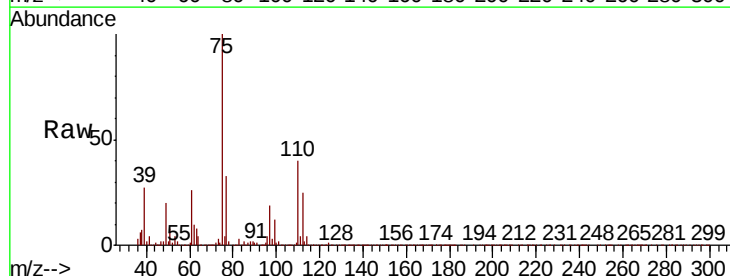
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

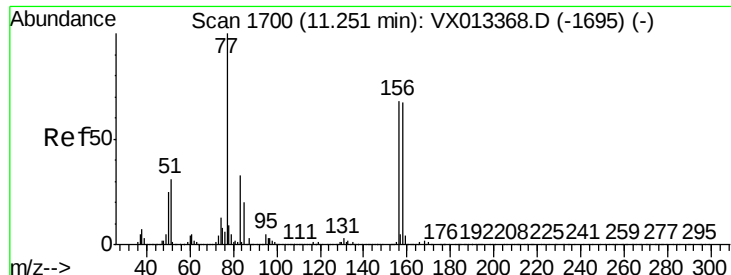
Tot Ion	83	Resp	250939
Ion Ratio	Lower	Upper	
83	100		
131	9.4	4.7	14.1
85	65.1	32.6	97.7



#72
 1,2,3-Trichloropropane
 Concen: 28.269 ug/l
 RT: 11.29 min Scan# 1707
 Delta R.T. 0.00 min
 Lab File: VX013368.D
 Acq: 11 Nov 2019 16:53

Tgt Ion	75	Resp	276951
Ion Ratio	Lower	Upper	
75	100		
77	30.6	0.0	86.2





#73

Bromobenzene

Concen: 19.857 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX013368.D

Acq: 11 Nov 2019 16:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

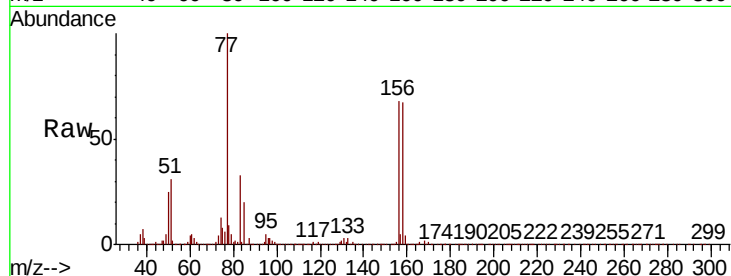
Tot Ion:156 Resp: 181220

Ion Ratio Lower Upper

156 100

77 154.4 0.0 308.8

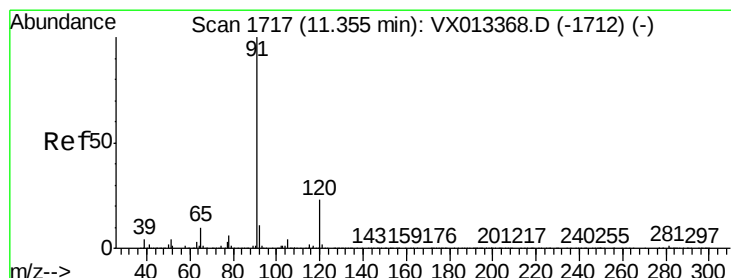
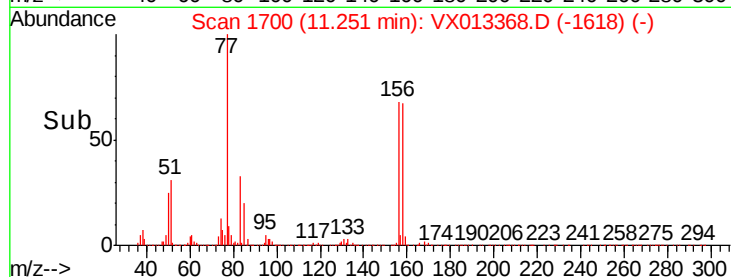
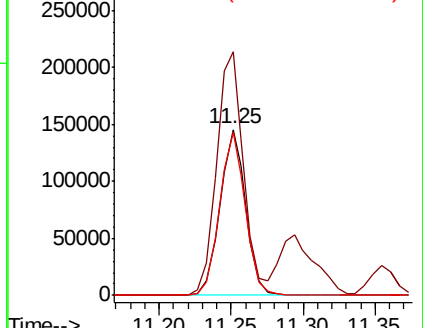
158 98.5 0.0 197.0



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: 19.136 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX013368.D

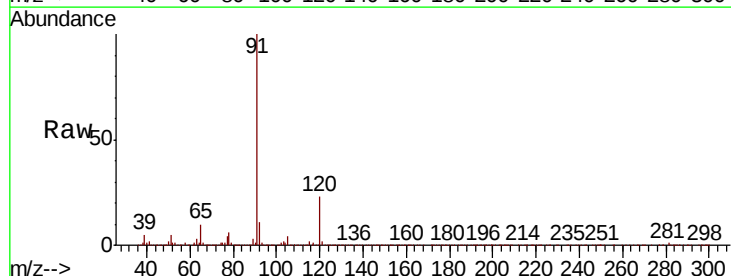
Acq: 11 Nov 2019 16:53

Tgt Ion: 91 Resp: 787778

Ion Ratio Lower Upper

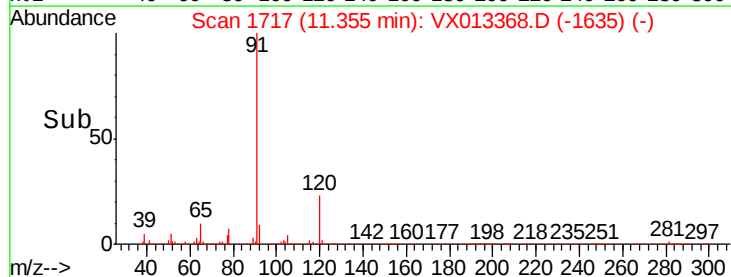
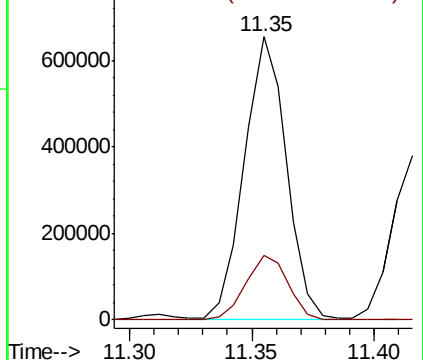
91 100

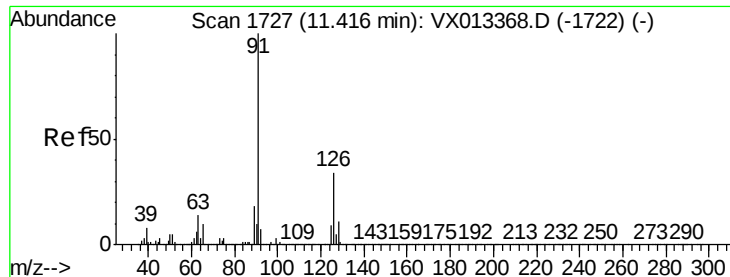
120 23.1 0.0 46.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 18.417 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX013368.D

Acq: 11 Nov 2019 16:53

Instrument :

MSVOA_X

ClientSampleId :

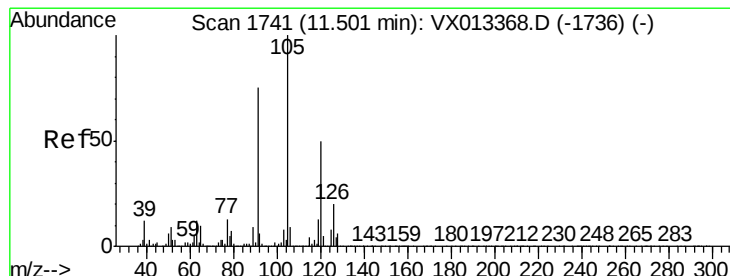
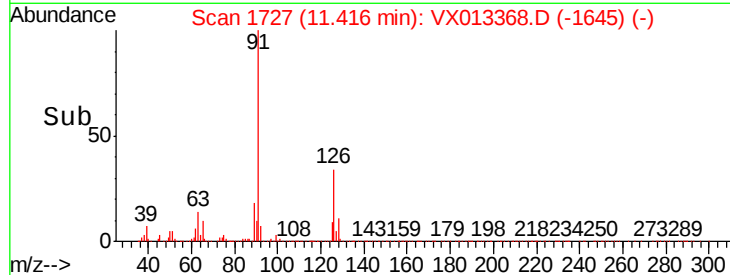
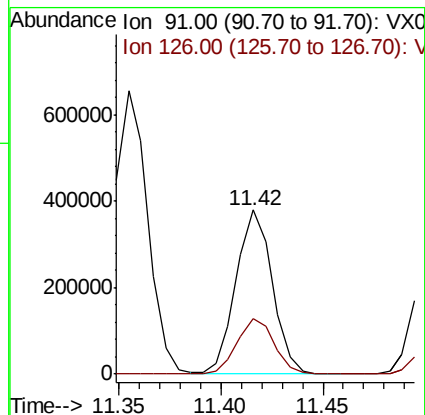
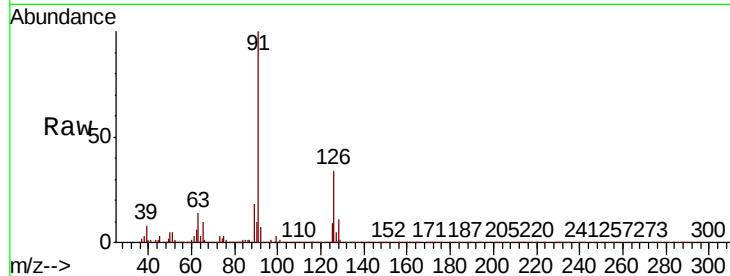
VSTDICCC020

Tot Ion: 91 Resp: 469324

Ion Ratio Lower Upper

91 100

126 34.5 0.0 69.0



#76

1,3,5-Trimethylbenzene

Concen: 18.581 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX013368.D

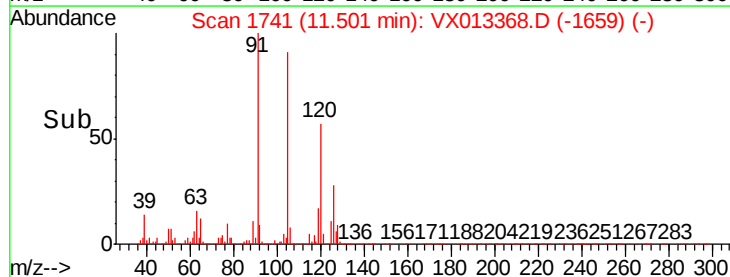
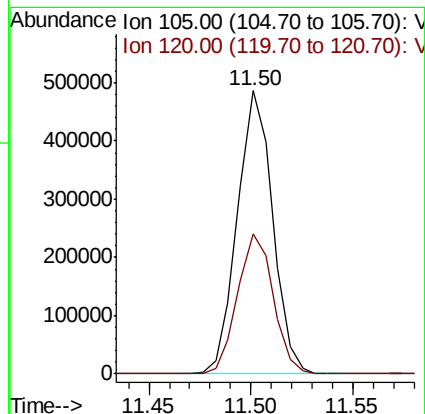
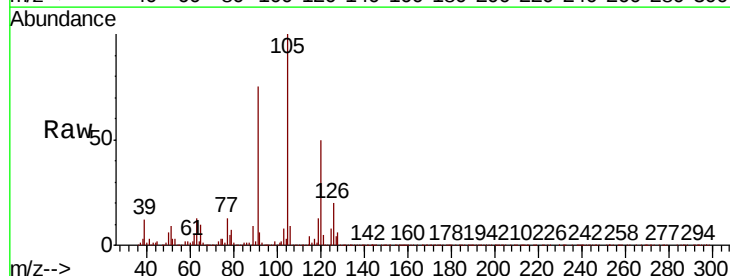
Acq: 11 Nov 2019 16:53

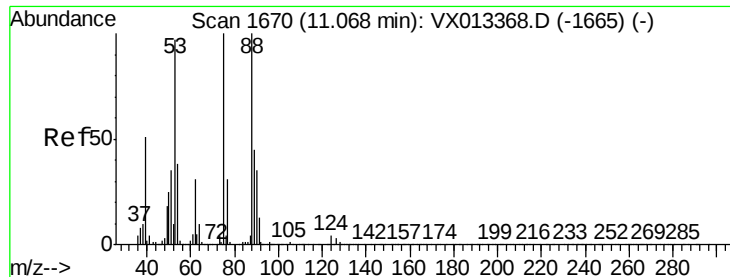
Tgt Ion: 105 Resp: 583488

Ion Ratio Lower Upper

105 100

120 50.0 0.0 100.0





#77

t-1,4-Dichloro-2-butene

Concen: 20.199 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX013368.D

Acq: 11 Nov 2019 16:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

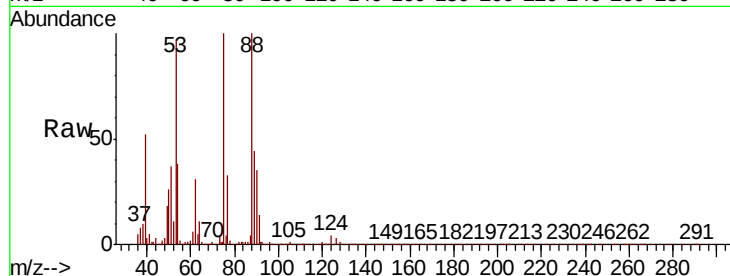
Tot Ion: 75 Resp: 80388

Ion Ratio Lower Upper

75 100

53 97.5 48.8 146.3

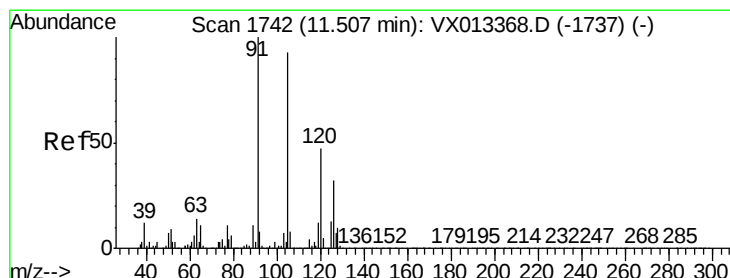
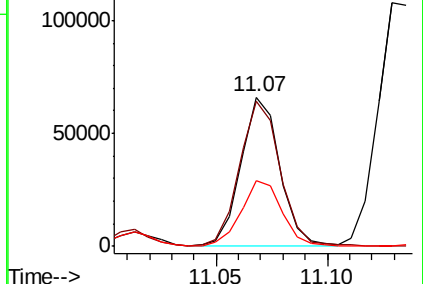
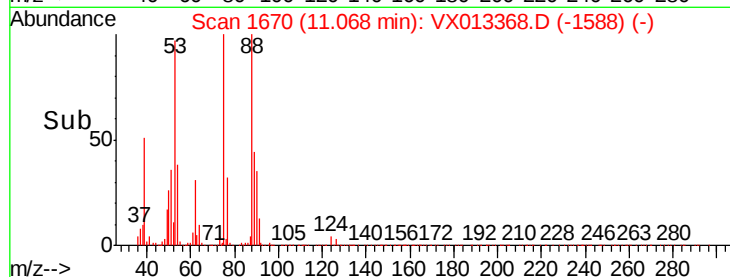
89 44.5 22.3 66.8



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 89.00 (88.70 to 89.70): VX0



#78

4-Chlorotoluene

Concen: 18.117 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX013368.D

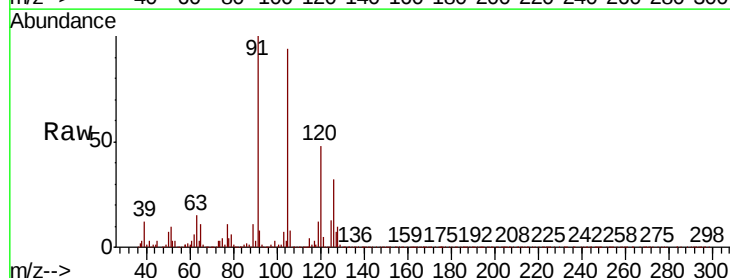
Acq: 11 Nov 2019 16:53

Tgt Ion: 91 Resp: 528816

Ion Ratio Lower Upper

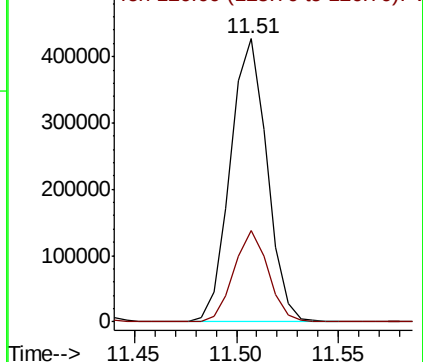
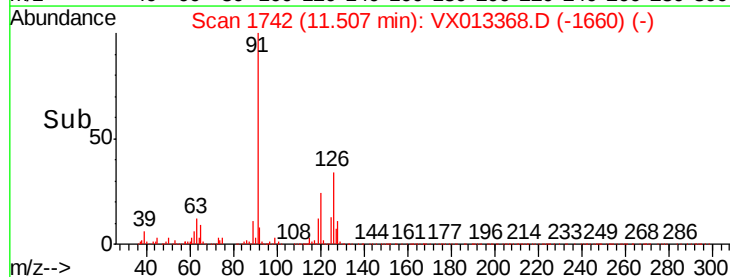
91 100

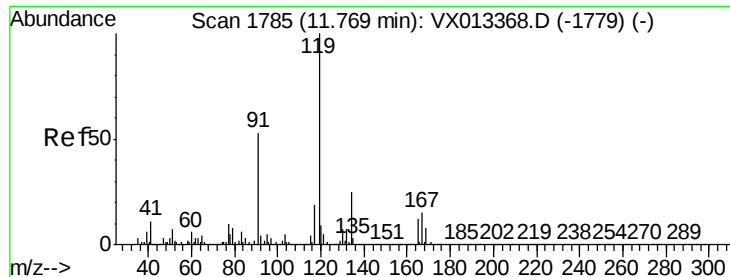
126 30.5 0.0 61.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V

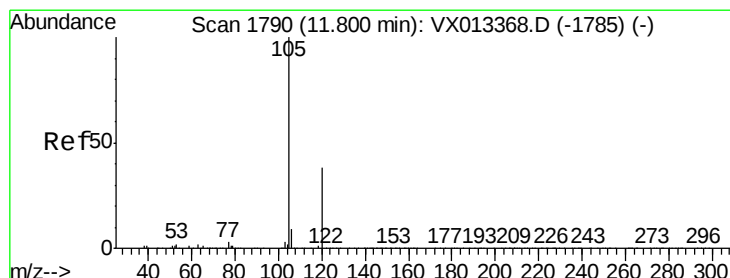
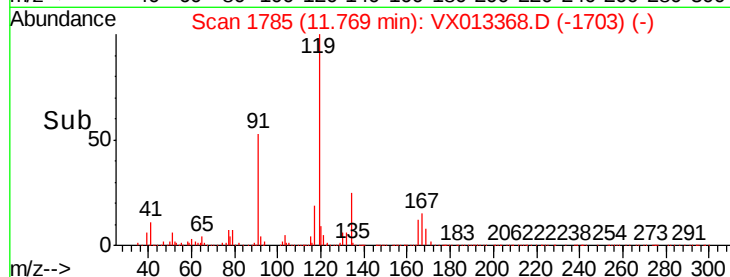
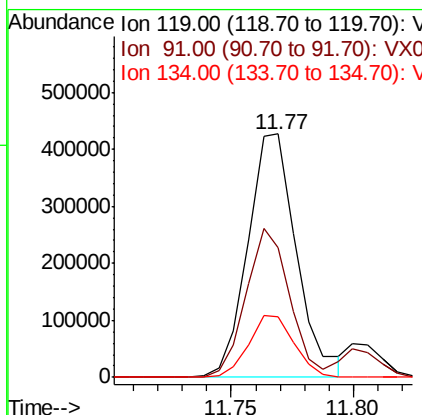
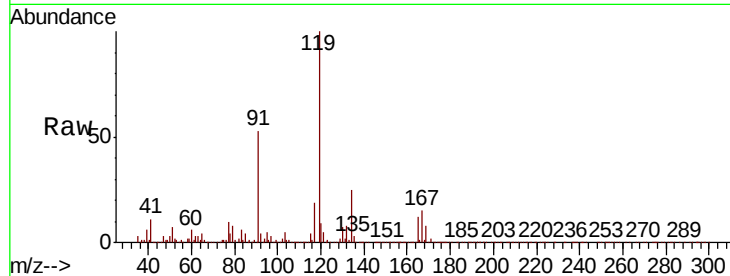




#79
tert-butylbenzene
Concen: 19.236 ug/l
RT: 11.77 min Scan# 1785
Delta R.T. 0.00 min
Lab File: VX013368.D
Acq: 11 Nov 2019 16:53

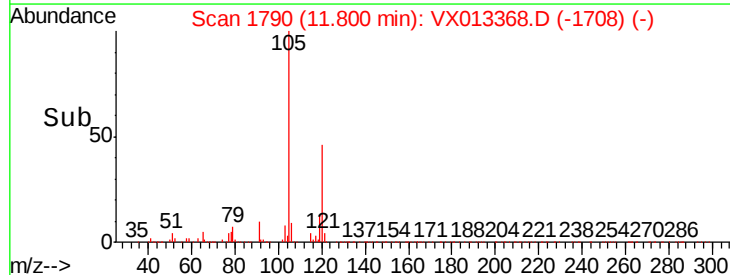
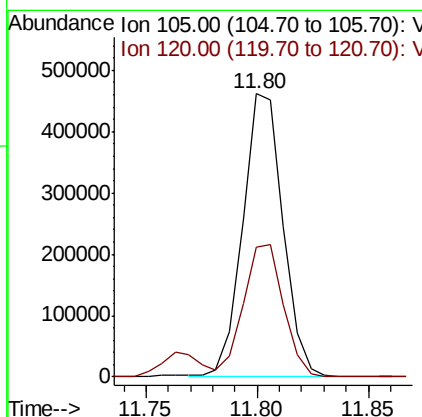
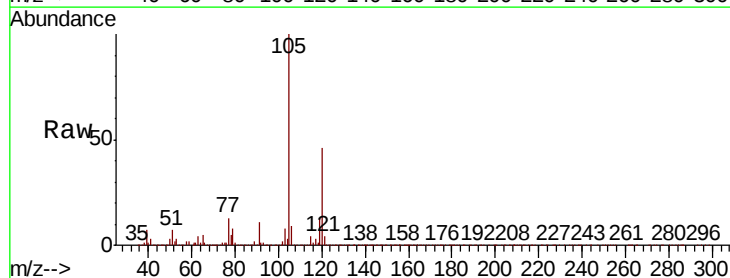
Instrument :
MSVOA_X
ClientSampled :
VSTDICCC020

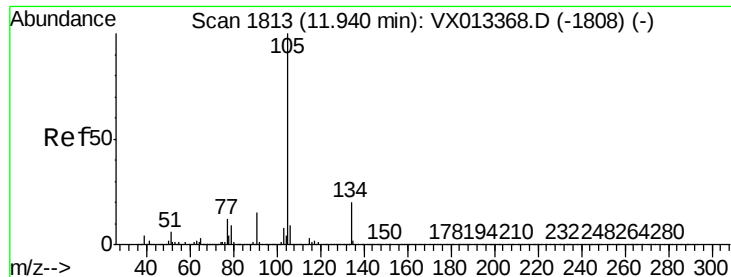
Tot Ion	Ratio	Lower	Upper
119	100		
91	54.8	0.0	109.6
134	23.9	0.0	47.8



#80
1,2,4-Trimethylbenzene
Concen: 18.443 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. 0.00 min
Lab File: VX013368.D
Acq: 11 Nov 2019 16:53

Tgt Ion	Ratio	Lower	Upper
105	100		
120	47.0	0.0	94.0

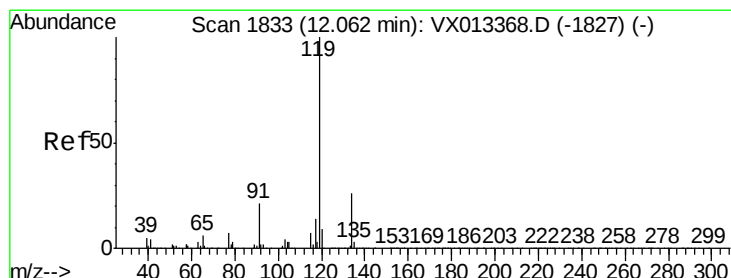
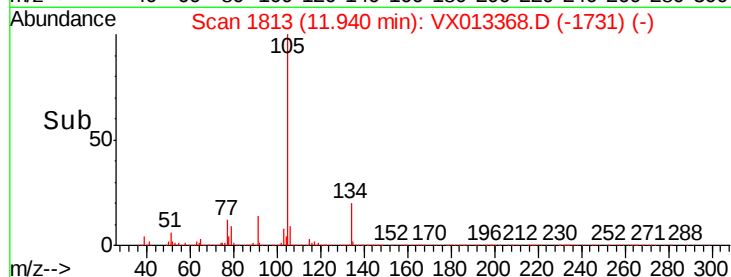
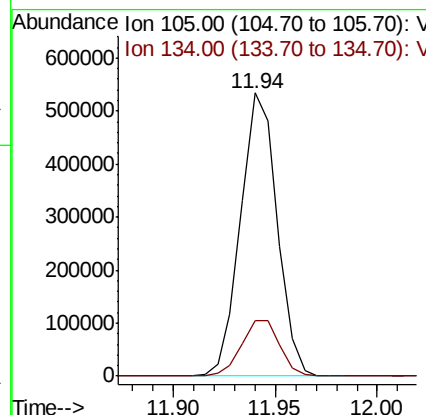
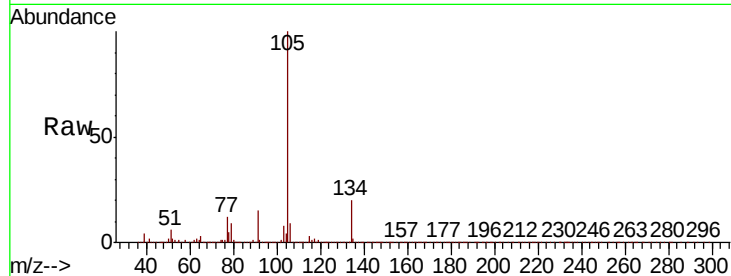




#81
 sec-Butylbenzene
 Concen: 18.486 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX013368.D
 Acq: 11 Nov 2019 16:53

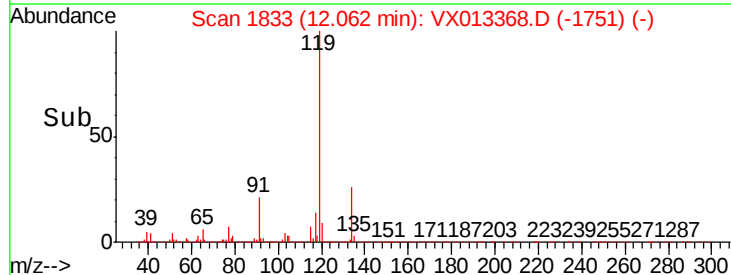
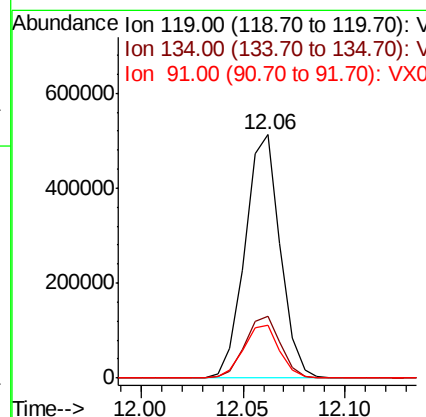
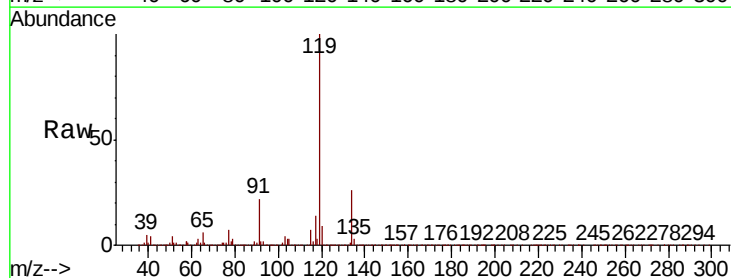
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

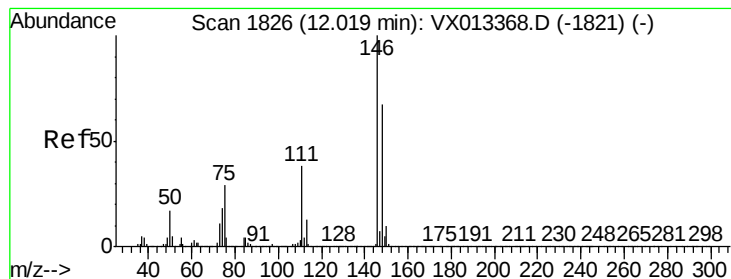
Tot Ion:105 Resp: 663459
 Ion Ratio Lower Upper
 105 100
 134 20.6 0.0 41.2



#82
 p-Isopropyltoluene
 Concen: 18.585 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. 0.00 min
 Lab File: VX013368.D
 Acq: 11 Nov 2019 16:53

Tgt Ion:119 Resp: 612462
 Ion Ratio Lower Upper
 119 100
 134 25.9 0.0 51.6
 91 22.1 0.0 44.2





#83

1,3-Dichlorobenzene

Concen: 18.861 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VX013368.D

Acq: 11 Nov 2019 16:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

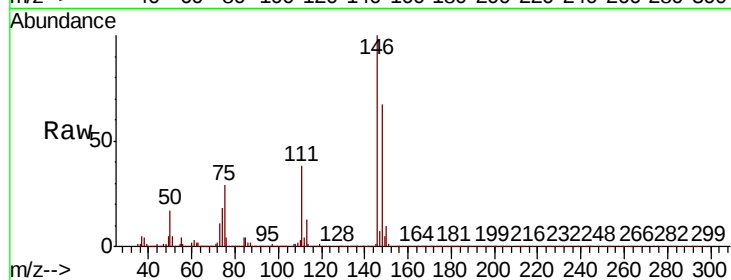
Tot Ion:146 Resp: 311215

Ion Ratio Lower Upper

146 100

111 37.5 18.8 56.3

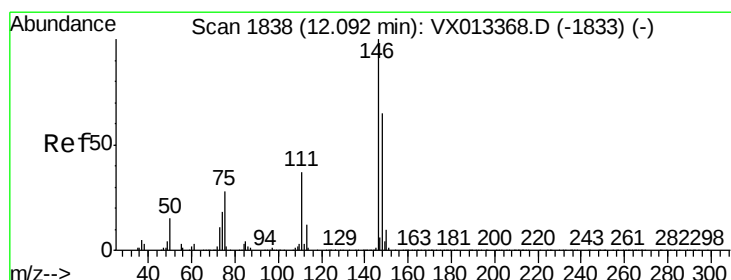
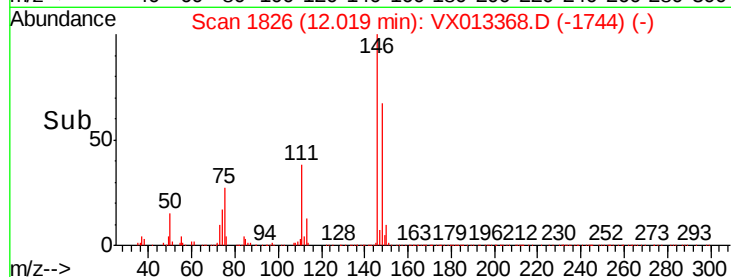
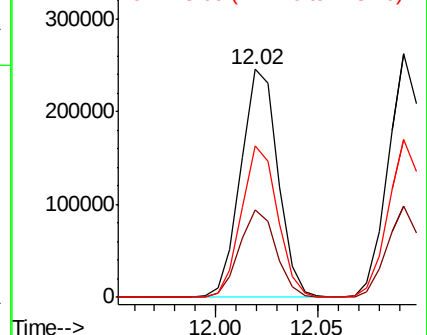
148 64.6 32.3 96.9



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#84

1,4-Dichlorobenzene

Concen: 18.968 ug/l

RT: 12.09 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VX013368.D

Acq: 11 Nov 2019 16:53

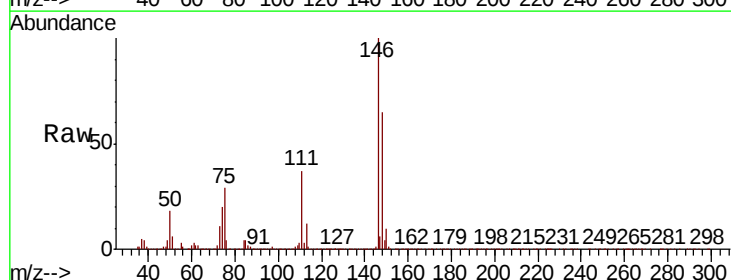
Tgt Ion:146 Resp: 309595

Ion Ratio Lower Upper

146 100

111 37.1 18.6 55.6

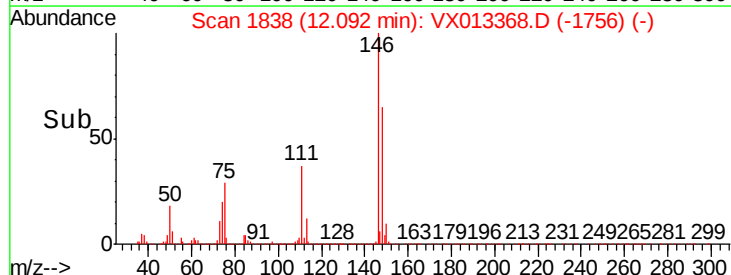
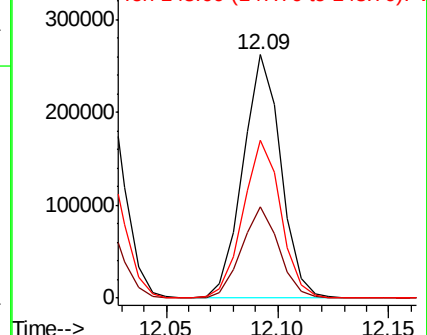
148 64.9 32.5 97.4

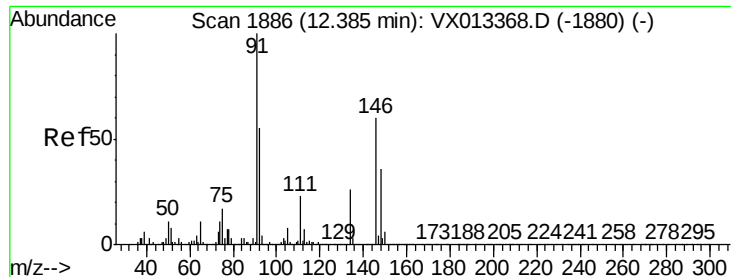


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

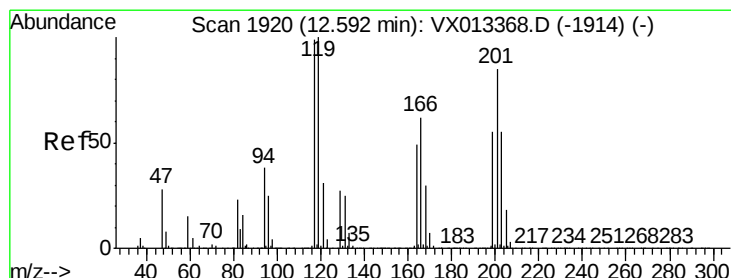
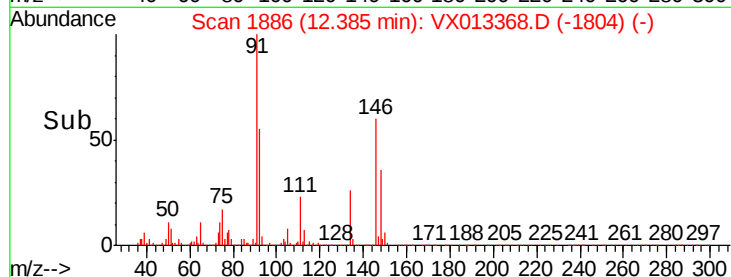
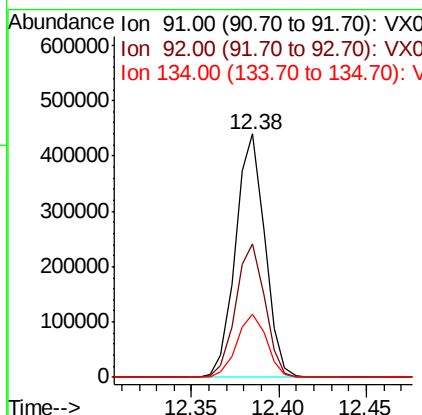
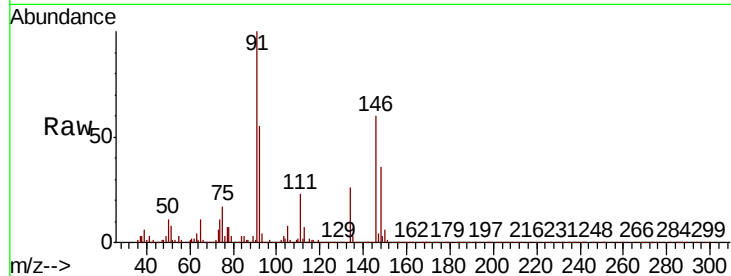




#85
n-Butylbenzene
Concen: 18.322 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX013368.D
Acq: 11 Nov 2019 16:53

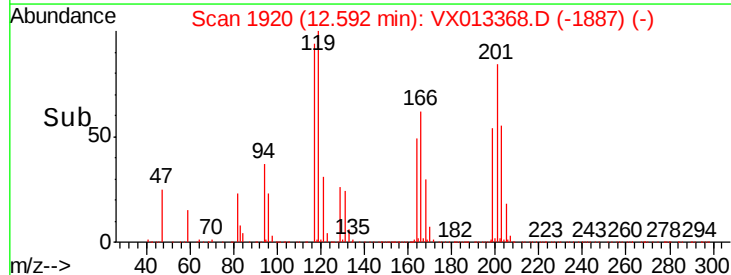
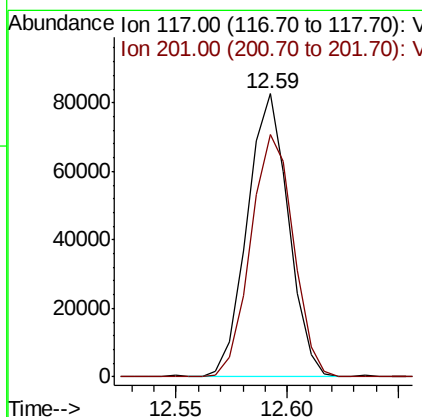
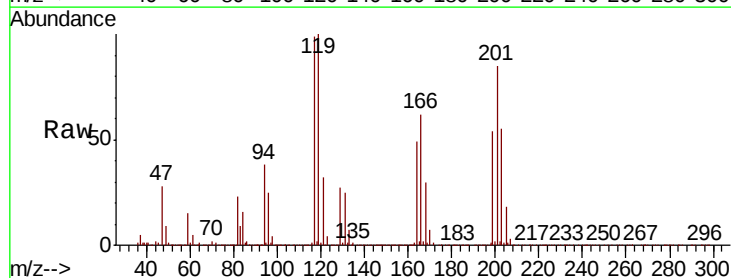
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

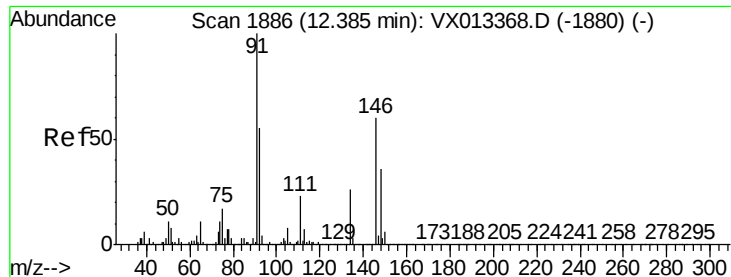
Tot Ion: 91 Resp: 514422
Ion Ratio Lower Upper
91 100
92 54.5 0.0 109.0
134 26.5 0.0 53.0



#86
Hexachloroethane
Concen: 18.456 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX013368.D
Acq: 11 Nov 2019 16:53

Tgt Ion: 117 Resp: 106658
Ion Ratio Lower Upper
117 100
201 88.9 44.5 133.3





#87

1,2-Dichlorobenzene

Concen: 19.766 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX013368.D

Acq: 11 Nov 2019 16:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

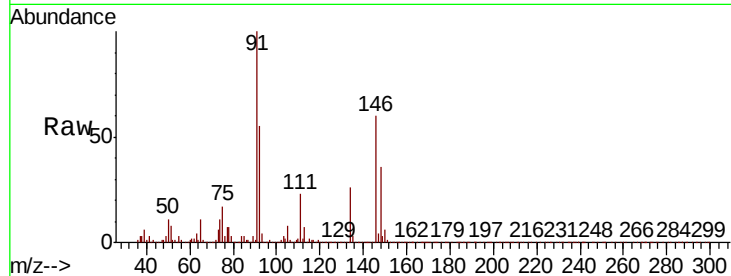
Tot Ion:146 Resp: 317189

Ion Ratio Lower Upper

146 100

111 39.1 19.6 58.7

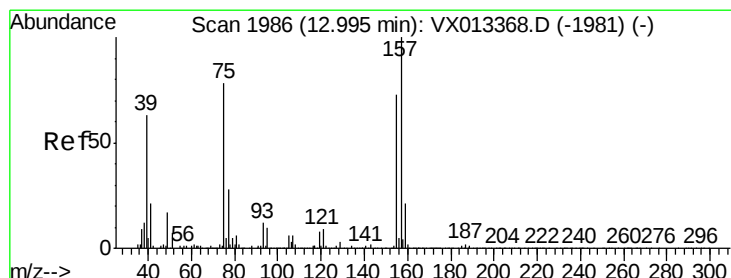
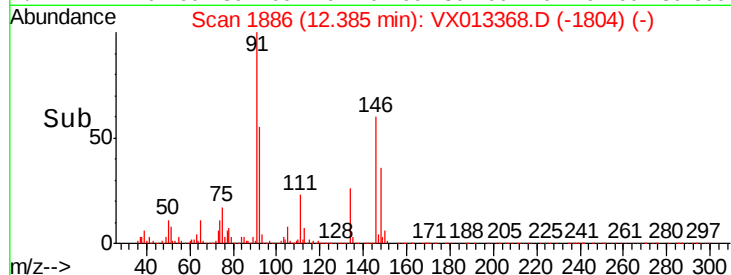
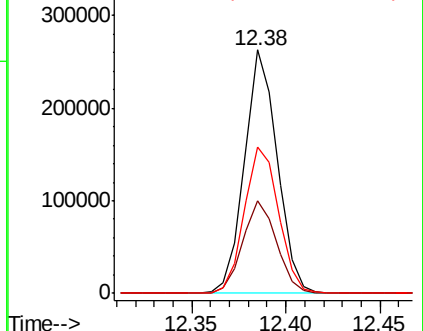
148 63.1 31.6 94.7



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#88

1,2-Dibromo-3-Chloropropane

Concen: 18.769 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VX013368.D

Acq: 11 Nov 2019 16:53

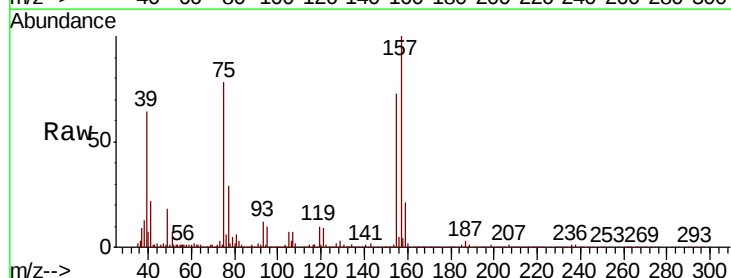
Tgt Ion: 75 Resp: 52746

Ion Ratio Lower Upper

75 100

155 96.1 76.9 115.3

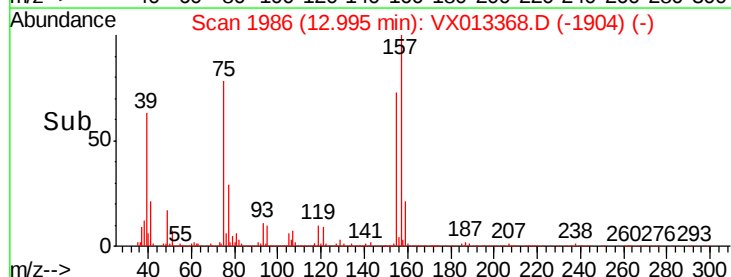
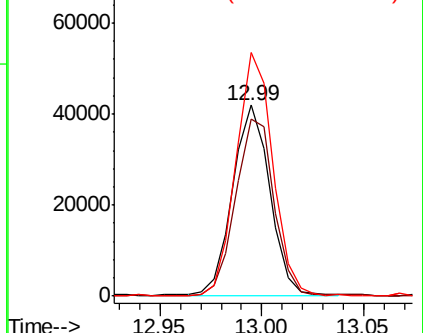
157 126.5 101.2 151.8

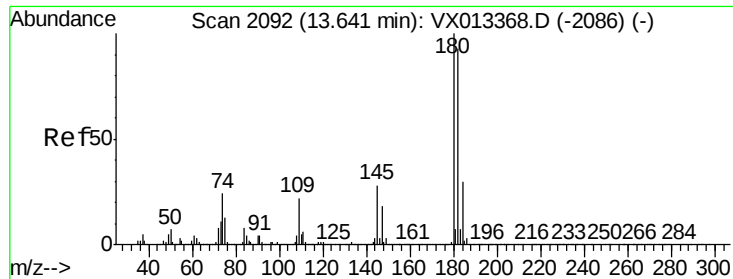


Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

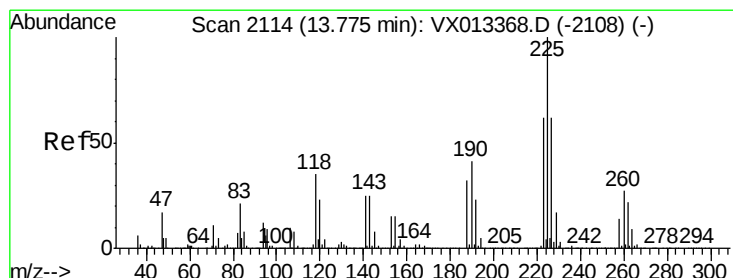
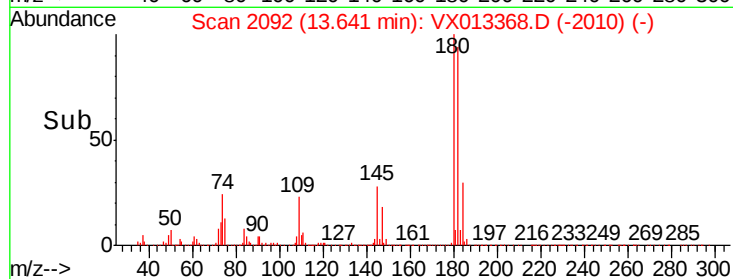
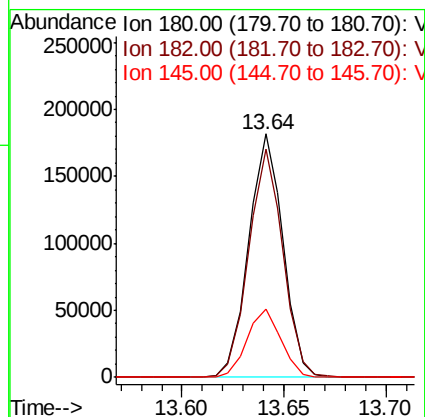
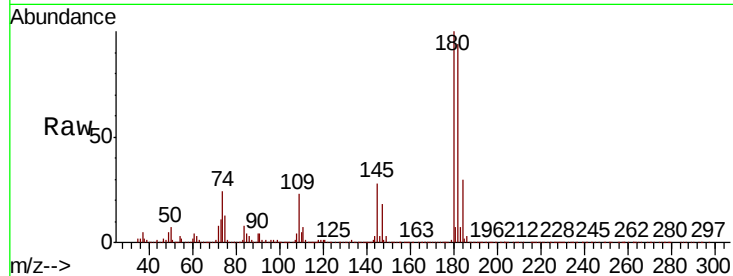




#89
 1,2,4-Trichlorobenzene
 Concen: 20.743 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX013368.D
 Acq: 11 Nov 2019 16:53

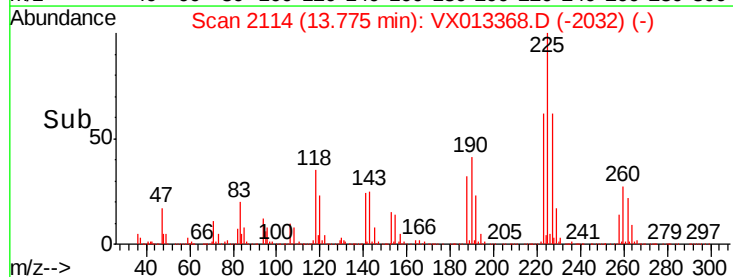
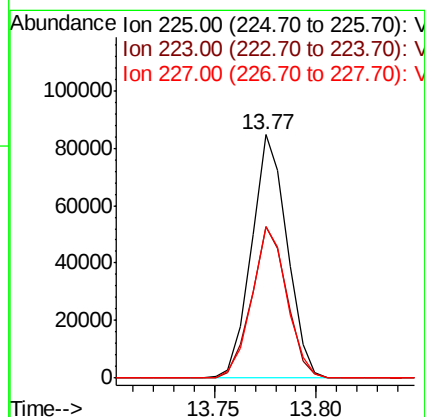
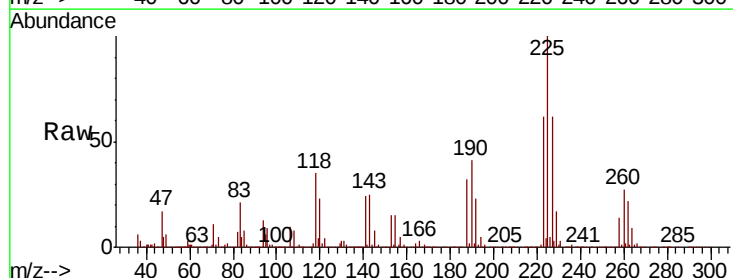
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.4	74.7	112.1
145	27.6	22.1	33.1



#90
 Hexachlorobutadiene
 Concen: 19.875 ug/l
 RT: 13.77 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX013368.D
 Acq: 11 Nov 2019 16:53

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.5	0.0	123.0
227	60.9	0.0	121.8

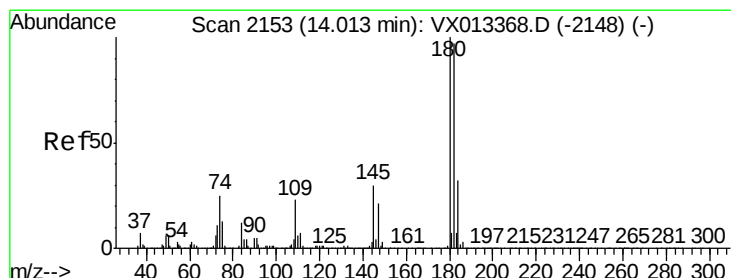
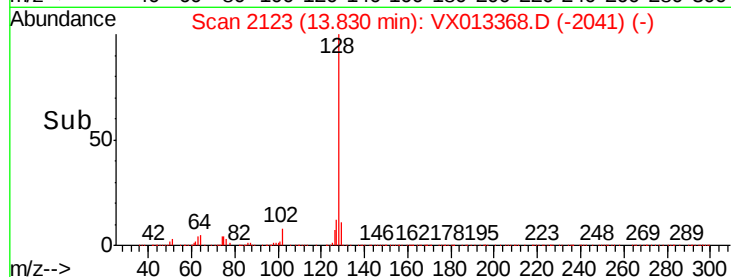
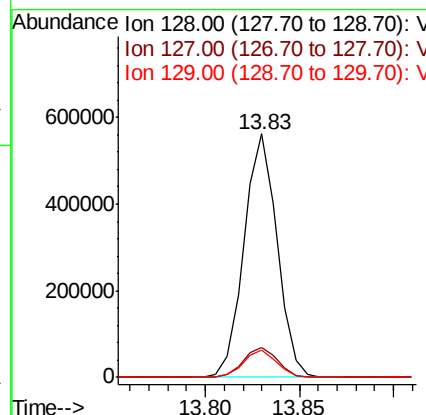
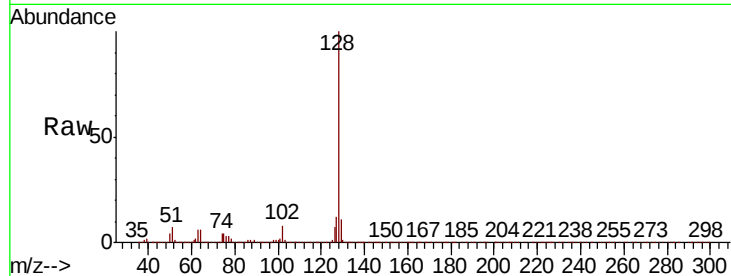




#91
Naphthalene
Concen: 20.676 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX013368.D
Acq: 11 Nov 2019 16:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tot Ion:128 Resp: 683401
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.2
129 11.0 8.8 13.2



#92
1,2,3-Trichlorobenzene
Concen: 20.844 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX013368.D
Acq: 11 Nov 2019 16:53

Tgt Ion:180 Resp: 217927
Ion Ratio Lower Upper
180 100
182 95.5 0.0 191.0
145 29.5 0.0 59.0

