

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120619\
 Data File : VX013810.D
 Acq On : 06 Dec 2019 19:22
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Dec 07 02:41:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	584015	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	904629	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	810890	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	399754	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	321087	47.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.72%	
35) Dibromofluoromethane	5.49	113	271740	48.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.18%	
50) Toluene-d8	8.71	98	1010444	46.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.74%	
62) 4-Bromofluorobenzene	11.13	95	371368	47.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.52%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	298295	45.889	ug/l	99
3) Chloromethane	1.32	50	343851	47.142	ug/l	99
4) Vinyl Chloride	1.40	62	404162	49.231	ug/l	98
5) Bromomethane	1.63	94	260789	47.302	ug/l	100
6) Chloroethane	1.71	64	223287	47.797	ug/l	99
7) Trichlorofluoromethane	1.92	101	431210	47.303	ug/l	100
8) Diethyl Ether	2.18	74	208530	50.564	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	264098	47.431	ug/l	99
10) Methyl Iodide	2.50	142	339096	50.344	ug/l	99
11) Tert butyl alcohol	3.04	59	402264	240.402	ug/l	99
12) 1,1-Dichloroethene	2.36	96	267824	48.188	ug/l	99
13) Acrolein	2.28	56	272320	243.508	ug/l	99
14) Allyl chloride	2.72	41	490233	48.604	ug/l	100
15) Acrylonitrile	3.13	53	872629	252.644	ug/l	100
16) Acetone	2.44	43	853299	254.950	ug/l	99
17) Carbon Disulfide	2.56	76	693195	43.752	ug/l	100
18) Methyl Acetate	2.76	43	507495	54.453	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	947646	51.469	ug/l	98
20) Methylene Chloride	2.84	84	319773	49.731	ug/l	97
21) trans-1,2-Dichloroethene	3.15	96	286477	47.315	ug/l	98
22) Diisopropyl ether	3.84	45	1011007	52.057	ug/l	97
23) Vinyl Acetate	3.80	43	3941162	243.936	ug/l	99
24) 1,1-Dichloroethane	3.69	63	545975	51.425	ug/l	99
25) 2-Butanone	4.66	43	1272590	255.840	ug/l	100
26) 2,2-Dichloropropane	4.57	77	384491	43.771	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	345504	49.690	ug/l	98
28) Bromochloromethane	5.00	49	219904	52.414	ug/l	99
29) Tetrahydrofuran	5.12	42	789527	257.475	ug/l	100
30) Chloroform	5.20	83	525953	48.847	ug/l	95
31) Cyclohexane	5.57	56	458728	45.809	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	445076	49.465	ug/l	99
36) 1,1-Dichloropropene	5.79	75	386215	47.032	ug/l	99
37) Ethyl Acetate	4.82	43	473081	51.353	ug/l	100
38) Carbon Tetrachloride	5.78	117	372545	49.201	ug/l	100

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	458495	45.170	ug/l	99
40) Benzene	6.14	78	1222700	48.888	ug/l	99
41) Methacrylonitrile	5.03	41	261635	51.786	ug/l	99
42) 1,2-Dichloroethane	6.18	62	431726	50.615	ug/l	99
43) Isopropyl Acetate	6.43	43	770730	50.818	ug/l	100
44) Trichloroethene	7.21	130	323824	47.177	ug/l	97
45) 1,2-Dichloropropane	7.51	63	323385	51.680	ug/l	100
46) Dibromomethane	7.65	93	206906	48.684	ug/l	98
47) Bromodichloromethane	7.89	83	415337	51.695	ug/l	98
48) Methyl methacrylate	7.76	41	382910	51.962	ug/l	100
49) 1,4-Dioxane	7.73	88	156565	949.185	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	2470841	258.997	ug/l	100
52) Toluene	8.78	92	761315	48.999	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	452410	49.470	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	506718	50.717	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	318473	50.864	ug/l	98
56) Ethyl methacrylate	9.17	69	525009	52.154	ug/l	99
57) 1,3-Dichloropropane	9.37	76	537746	49.826	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	966452	244.867	ug/l	99
59) 2-Hexanone	9.49	43	1913020	257.108	ug/l	99
60) Dibromochloromethane	9.58	129	336895	51.847	ug/l	99
61) 1,2-Dibromoethane	9.67	107	333347	49.848	ug/l	99
64) Tetrachloroethene	9.33	164	343817	56.856	ug/l	99
65) Chlorobenzene	10.14	112	816944	48.524	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	310383	51.341	ug/l	100
67) Ethyl Benzene	10.24	91	1446425	49.997	ug/l	99
68) m/p-Xylenes	10.35	106	1096893	99.032	ug/l	100
69) o-Xylene	10.70	106	535127	49.537	ug/l	99
70) Styrene	10.71	104	925244	50.917	ug/l	100
71) Bromoform	10.85	173	264359	52.849	ug/l	# 100
73) Isopropylbenzene	11.01	105	1416365	50.510	ug/l	100
74) N-amyl acetate	10.89	43	686826	53.469	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	508019	52.241	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	567189	63.083	ug/l	89
77) Bromobenzene	11.25	156	370107	48.856	ug/l	98
78) n-propylbenzene	11.35	91	1585293	50.644	ug/l	100
79) 2-Chlorotoluene	11.42	91	960478	51.150	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	1177240	51.224	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	162310	49.387	ug/l	98
82) 4-Chlorotoluene	11.51	91	1097853	50.479	ug/l	98
83) tert-Butylbenzene	11.77	119	1144802	49.014	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	1182295	50.688	ug/l	100
85) sec-Butylbenzene	11.94	105	1365201	51.172	ug/l	100
86) p-Isopropyltoluene	12.06	119	1252585	50.469	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	648834	49.135	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	650686	48.377	ug/l	99
89) n-Butylbenzene	12.38	91	1067031	50.407	ug/l	100
90) Hexachloroethane	12.59	117	225201	50.200	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	659652	50.559	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	110616	52.235	ug/l	99

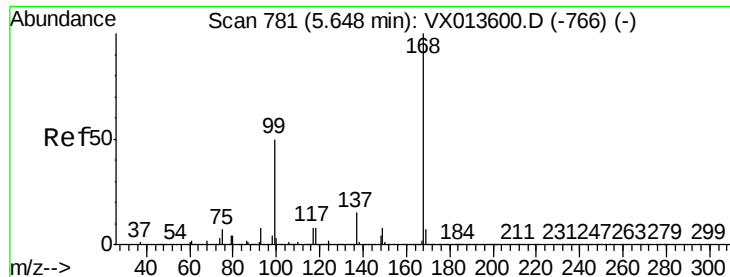
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	442986	48.717	ug/l	99
94) Hexachlorobutadiene	13.78	225	204169	46.741	ug/l	99
95) Naphthalene	13.83	128	1404020	51.848	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	443350	49.244	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX013810.D

Acq: 06 Dec 2019 19:22

Instrument :

MSVOA_X

ClientSampleId :

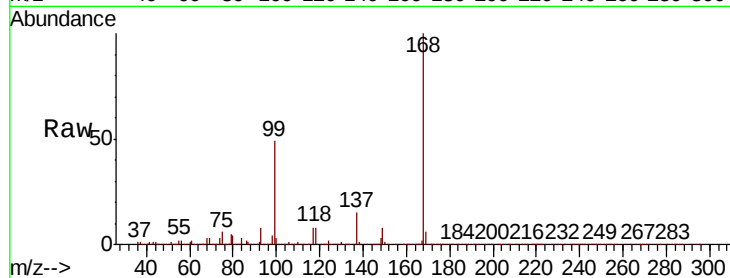
VSTDCCC050EC

Tot Ion:168 Resp: 584015

Ion Ratio Lower Upper

168 100

99 49.3 39.8 59.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

250000

200000

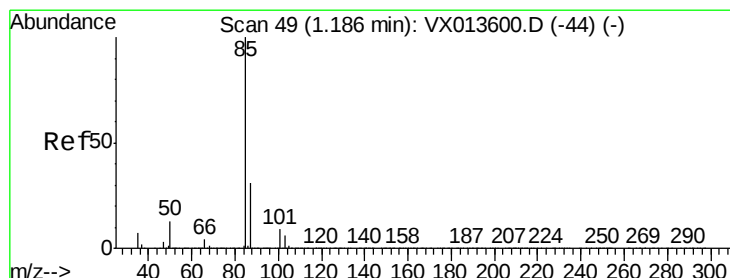
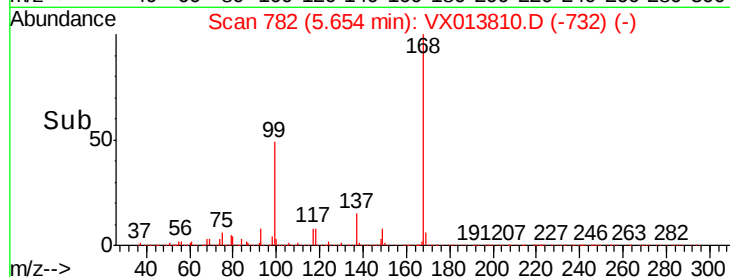
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 45.889 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.01 min

Lab File: VX013810.D

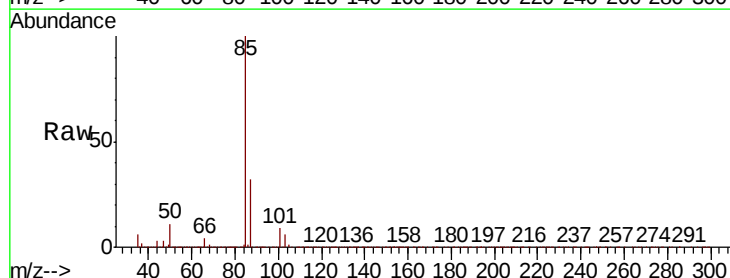
Acq: 06 Dec 2019 19:22

Tgt Ion: 85 Resp: 298295

Ion Ratio Lower Upper

85 100

87 32.1 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

300000

250000

200000

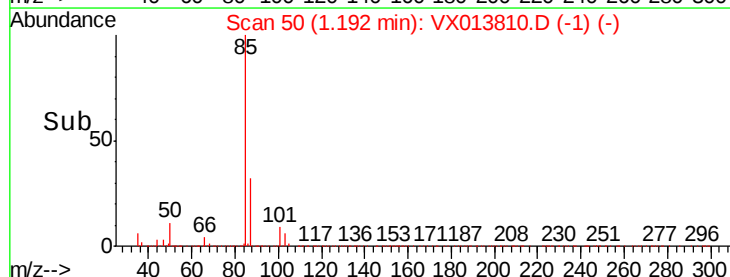
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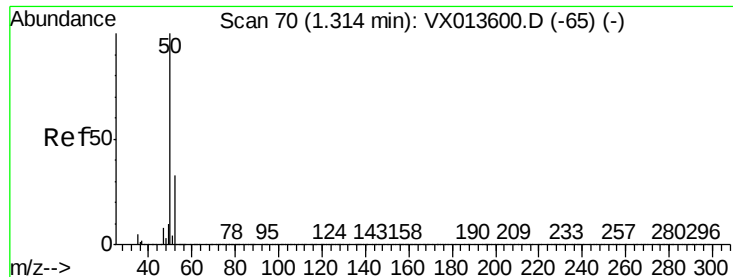
100000

50000

0

Time-->





#3

Chloromethane

Concen: 47.142 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.01 min

Lab File: VX013810.D

Acq: 06 Dec 2019 19:22

Instrument :

MSVOA_X

ClientSampleId :

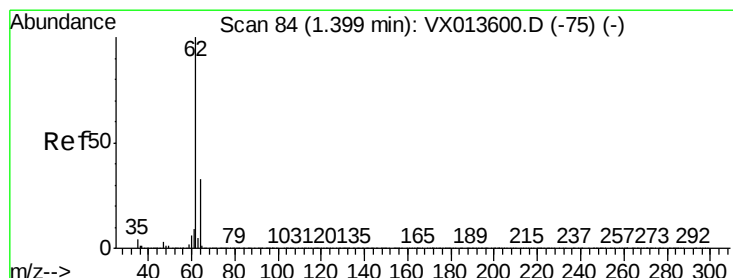
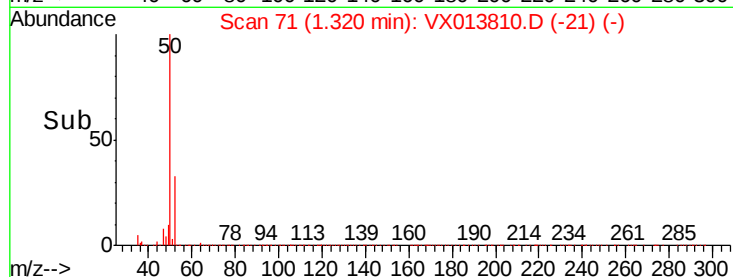
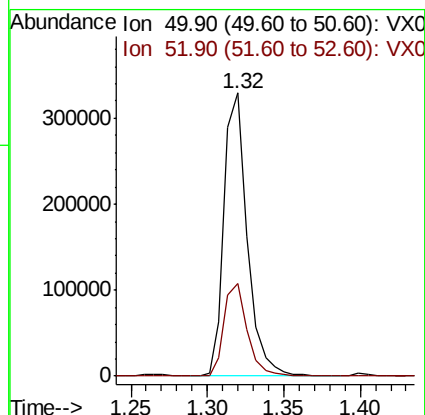
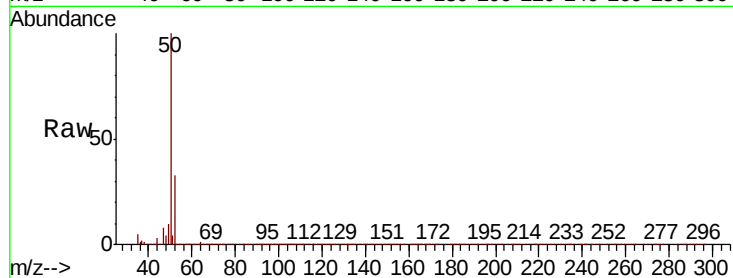
VSTDCCC050EC

Tot Ion: 50 Resp: 343851

Ion Ratio Lower Upper

50 100

52 32.9 26.0 39.0



#4

Vinyl Chloride

Concen: 49.231 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013810.D

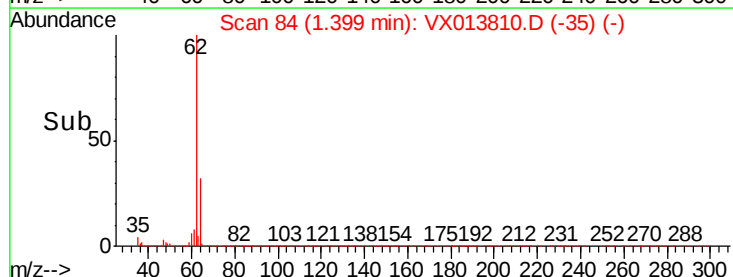
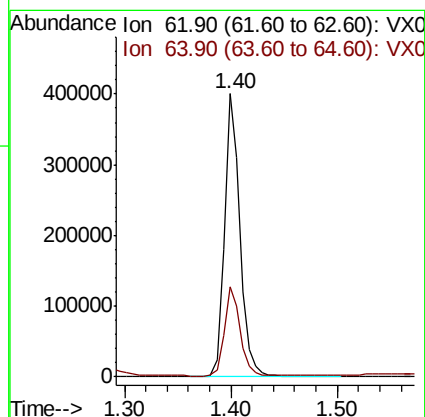
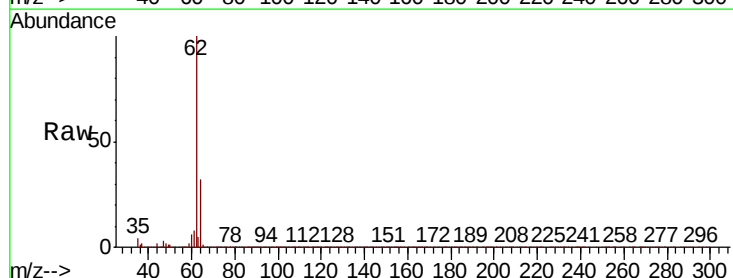
Acq: 06 Dec 2019 19:22

Tgt Ion: 62 Resp: 404162

Ion Ratio Lower Upper

62 100

64 31.6 26.0 39.0





#5

Bromomethane

Concen: 47.302 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.00 min

Lab File: VX013810.D

Acq: 06 Dec 2019 19:22

Instrument :

MSVOA_X

ClientSampleId :

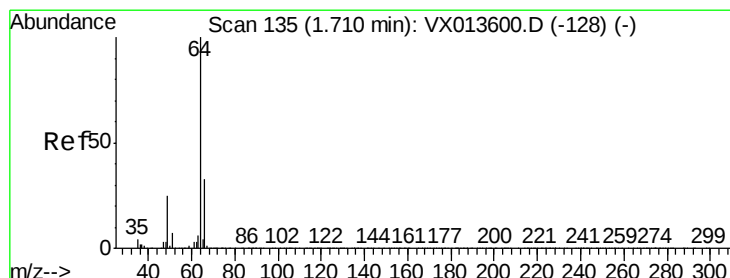
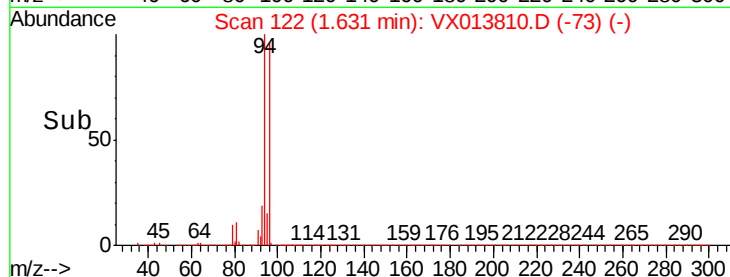
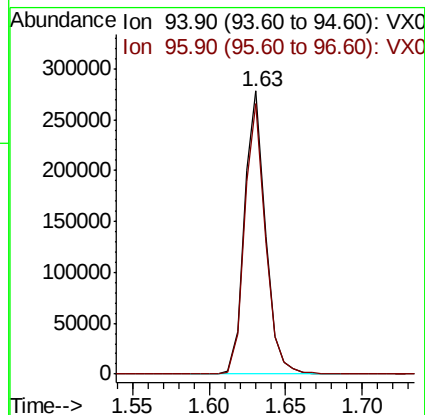
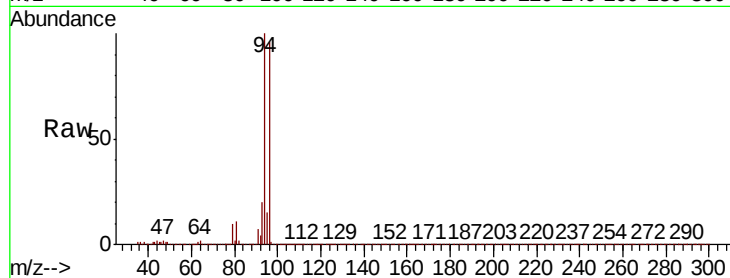
VSTDCCC050EC

Tot Ion: 94 Resp: 260789

Ion Ratio Lower Upper

94 100

96 95.8 77.0 115.4



#6

Chloroethane

Concen: 47.797 ug/l

RT: 1.71 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX013810.D

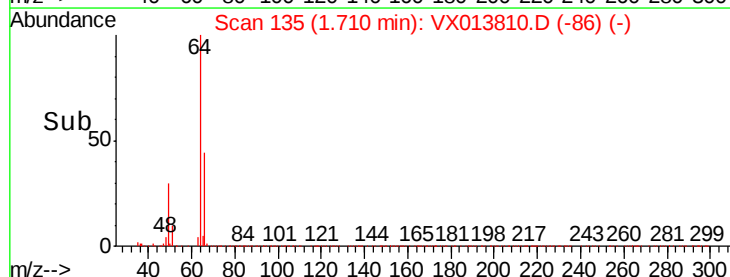
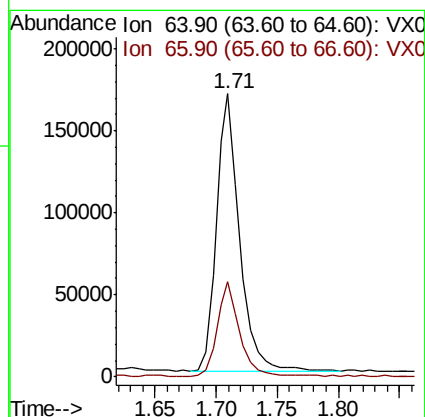
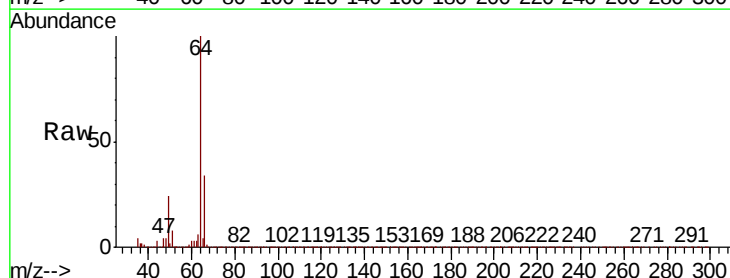
Acq: 06 Dec 2019 19:22

Tgt Ion: 64 Resp: 223287

Ion Ratio Lower Upper

64 100

66 34.0 26.7 40.1



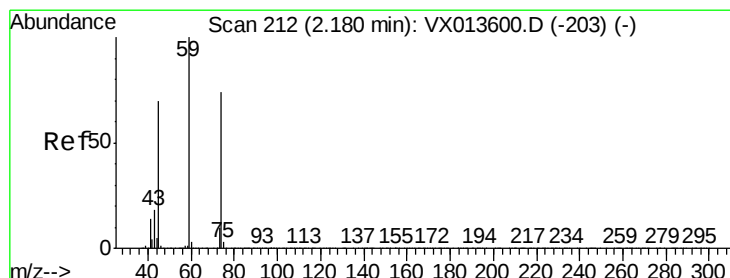
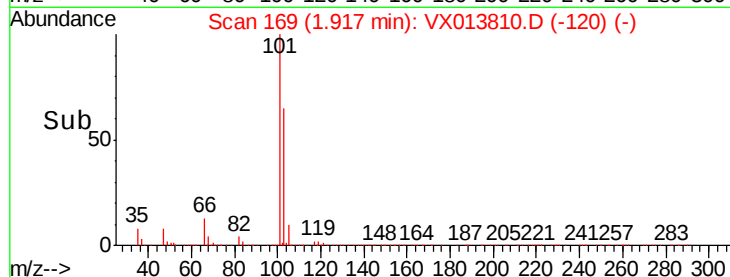
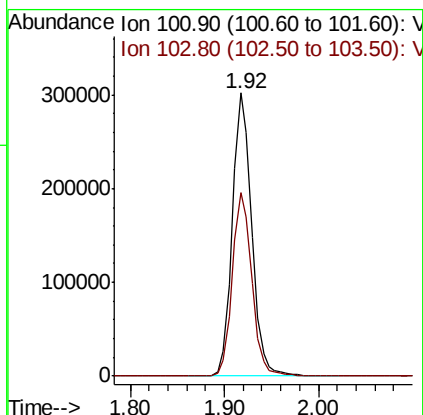
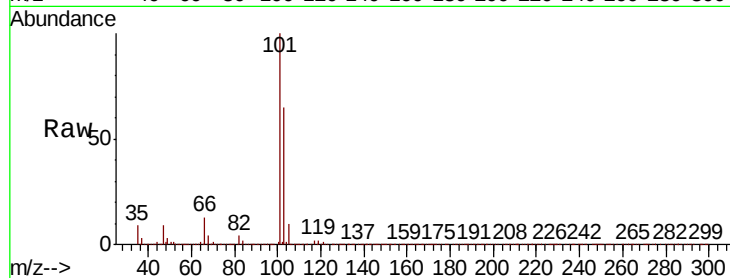


#7

Trichlorofluoromethane
Concen: 47.303 ug/l
RT: 1.92 min Scan# 169
Delta R.T. -0.00 min
Lab File: VX013810.D
Acq: 06 Dec 2019 19:22

Instrument :
MSVOA_X
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VSTDCCC050EC

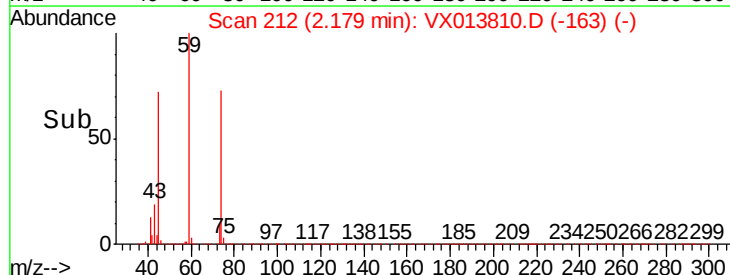
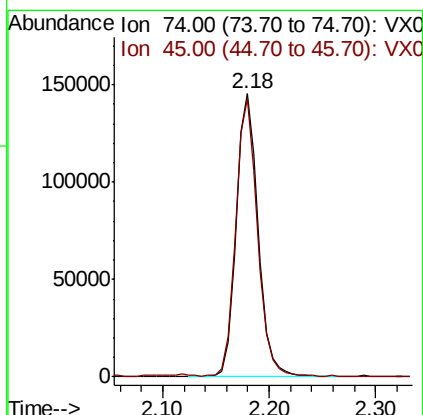
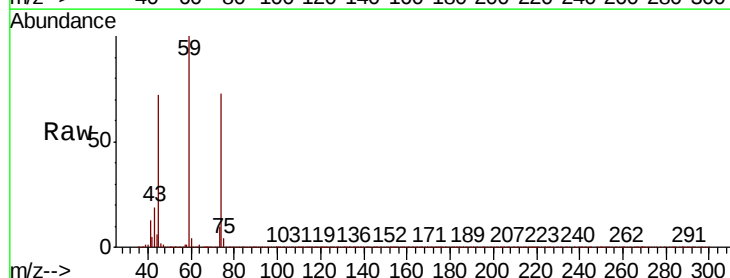
Tot Ion:101 Resp: 431210
Ion Ratio Lower Upper
101 100
103 64.8 51.8 77.6

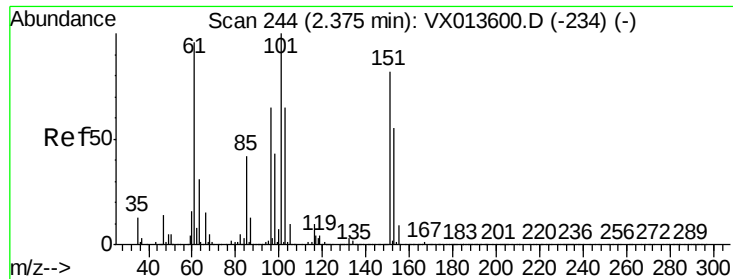


#8

Diethyl Ether
Concen: 50.564 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX013810.D
Acq: 06 Dec 2019 19:22

Tgt Ion: 74 Resp: 208530
Ion Ratio Lower Upper
74 100
45 97.3 48.9 146.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.431 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.00 min

Lab File: VX013810.D

Acq: 06 Dec 2019 19:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

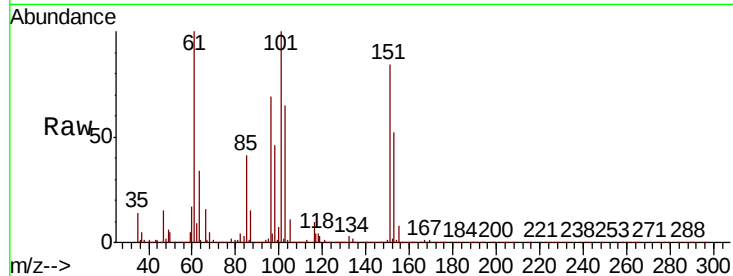
Tot Ion:101 Resp: 264098

Ion Ratio Lower Upper

101 100

85 40.7 33.9 50.9

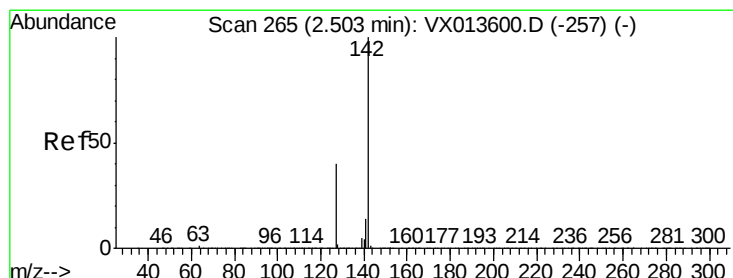
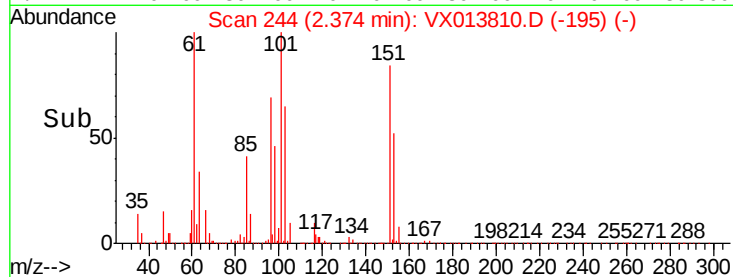
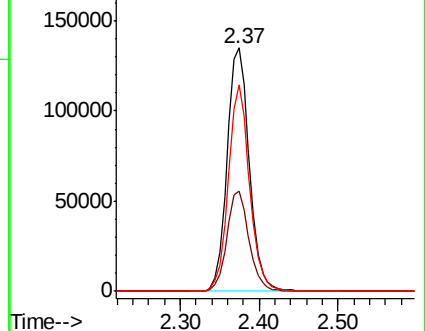
151 80.9 64.2 96.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 50.344 ug/l

RT: 2.50 min Scan# 265

Delta R.T. -0.00 min

Lab File: VX013810.D

Acq: 06 Dec 2019 19:22

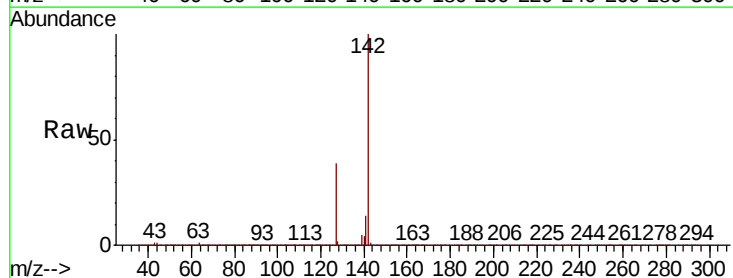
Tgt Ion:142 Resp: 339096

Ion Ratio Lower Upper

142 100

127 39.5 31.0 46.4

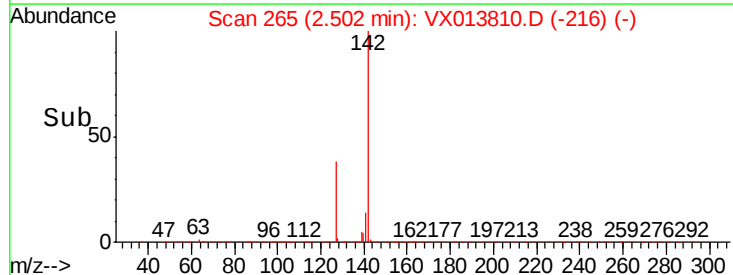
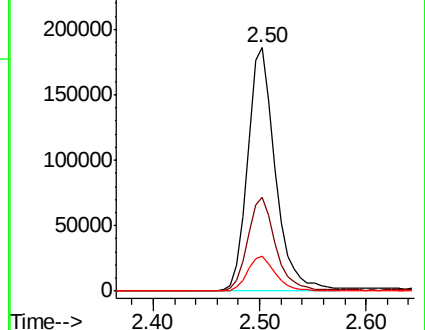
141 14.5 11.6 17.4



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



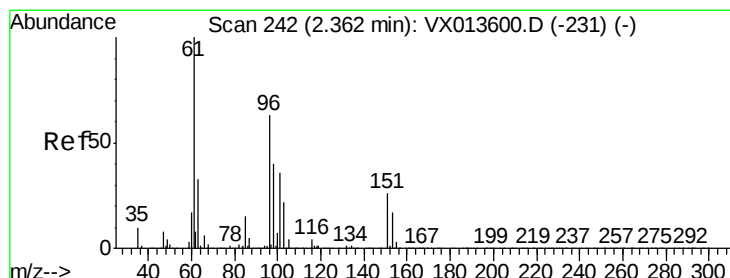
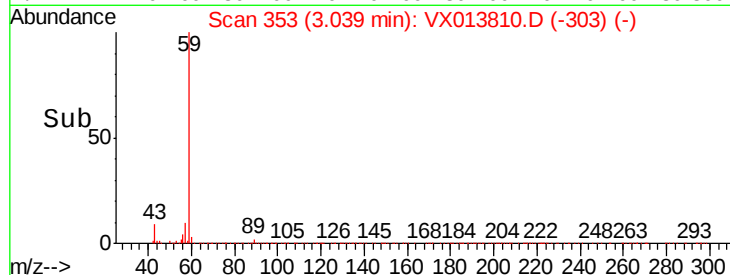
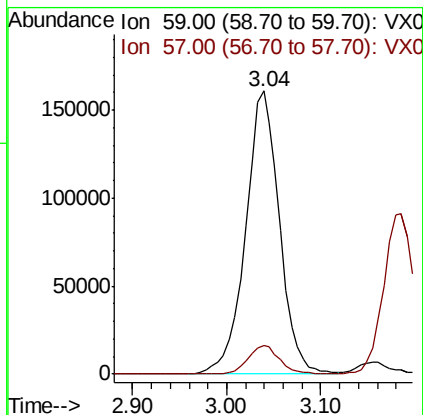
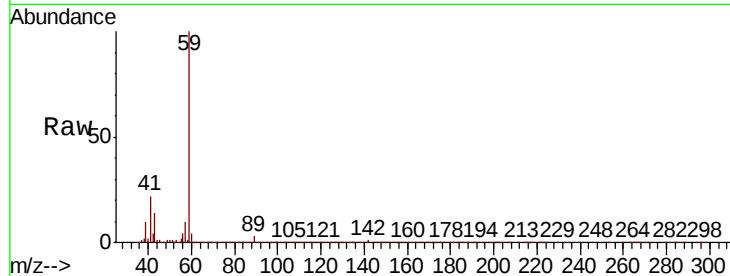


#11

Tert butyl alcohol
Concen: 240.402 ug/l
RT: 3.04 min Scan# 353
Delta R.T. 0.01 min
Lab File: VX013810.D
Acq: 06 Dec 2019 19:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

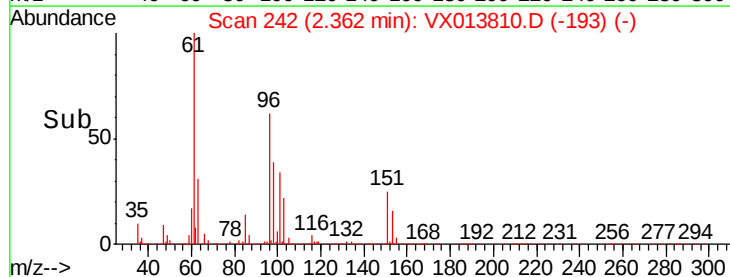
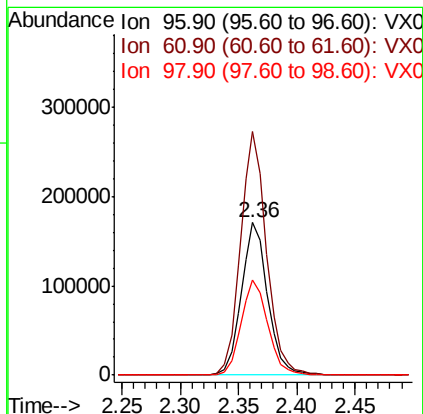
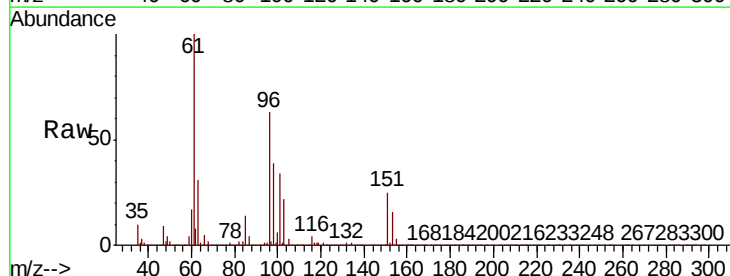
Tot Ion: 59 Resp: 402264
Ion Ratio Lower Upper
59 100
57 9.3 7.8 11.6

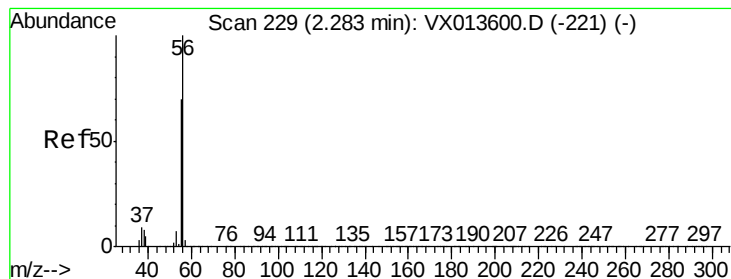


#12

1,1-Dichloroethene
Concen: 48.188 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.00 min
Lab File: VX013810.D
Acq: 06 Dec 2019 19:22

Tgt Ion: 96 Resp: 267824
Ion Ratio Lower Upper
96 100
61 160.0 126.6 190.0
98 62.6 50.6 76.0





#13

Acrolein

Concen: 243.508 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX013810.D

Acq: 06 Dec 2019 19:22

Instrument :

MSVOA_X

ClientSampleId :

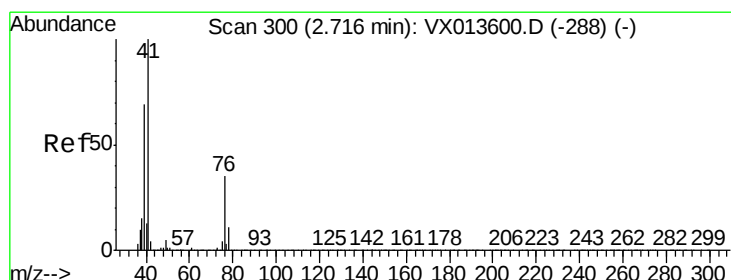
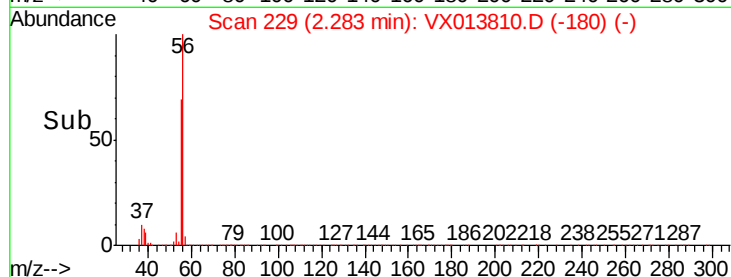
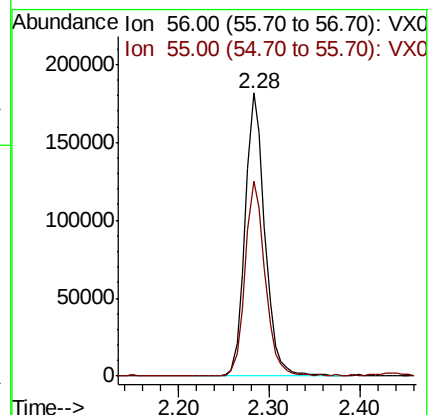
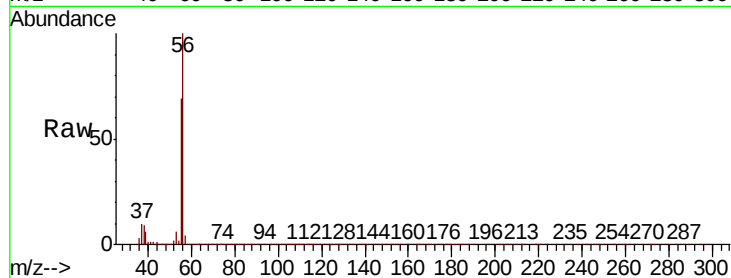
VSTDCCC050EC

Tot Ion: 56 Resp: 272320

Ion Ratio Lower Upper

56 100

55 69.6 56.2 84.4



#14

Allyl chloride

Concen: 48.604 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.00 min

Lab File: VX013810.D

Acq: 06 Dec 2019 19:22

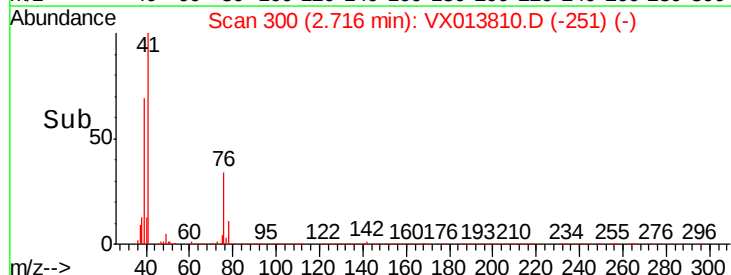
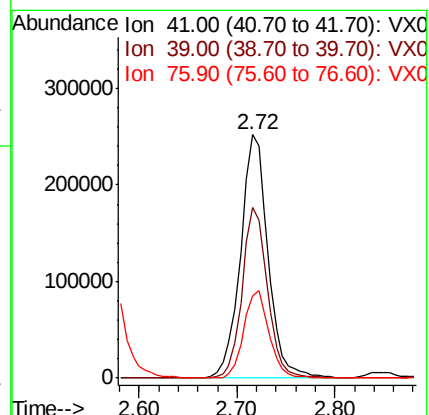
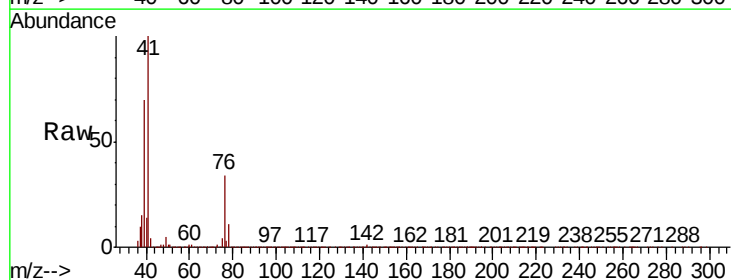
Tgt Ion: 41 Resp: 490233

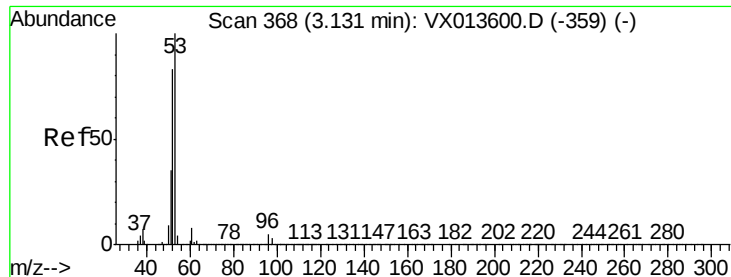
Ion Ratio Lower Upper

41 100

39 64.6 51.7 77.5

76 33.1 25.9 38.9





#15

Acrylonitrile

Concen: 252.644 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX013810.D

Acq: 06 Dec 2019 19:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

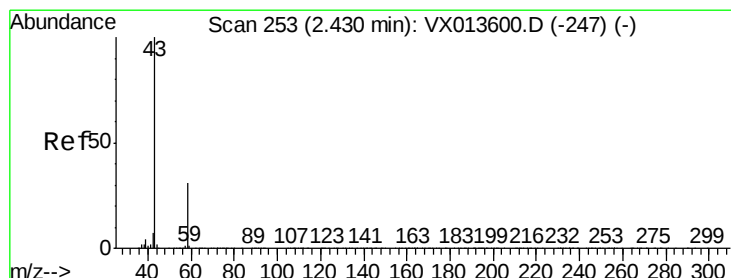
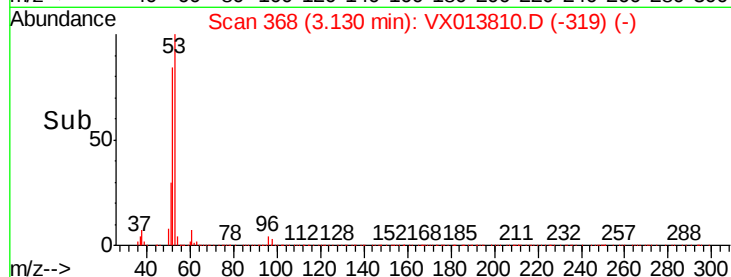
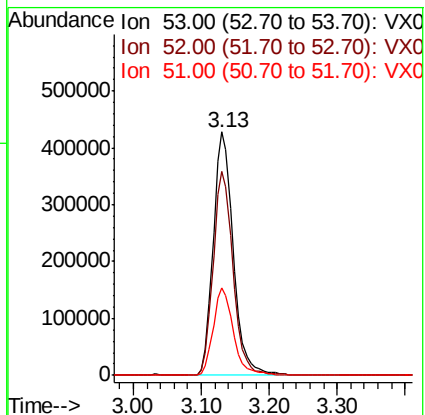
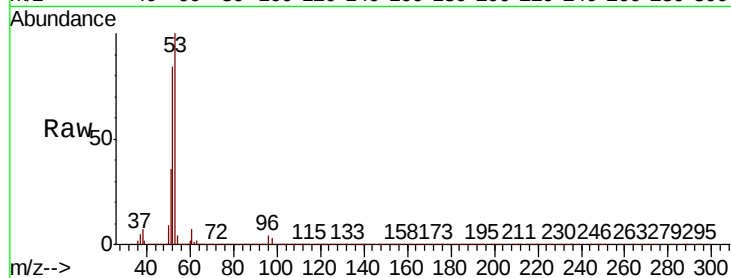
Tot Ion: 53 Resp: 872629

Ion Ratio Lower Upper

53 100

52 82.9 66.2 99.2

51 35.8 29.0 43.6



#16

Acetone

Concen: 254.950 ug/l

RT: 2.44 min Scan# 254

Delta R.T. 0.01 min

Lab File: VX013810.D

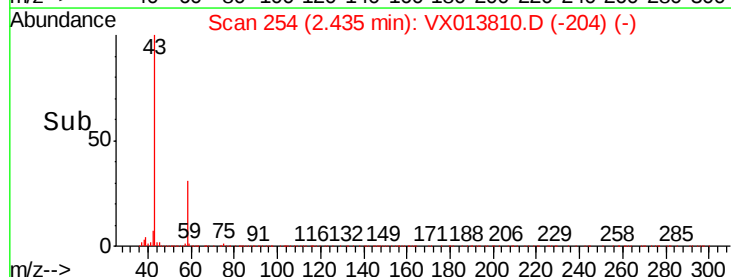
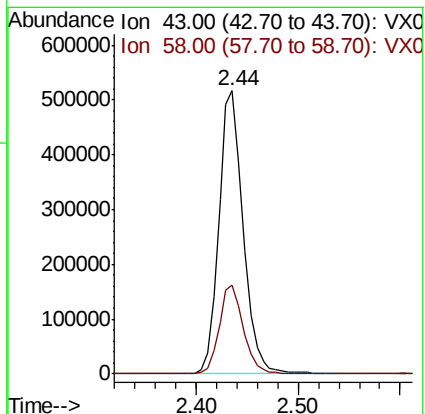
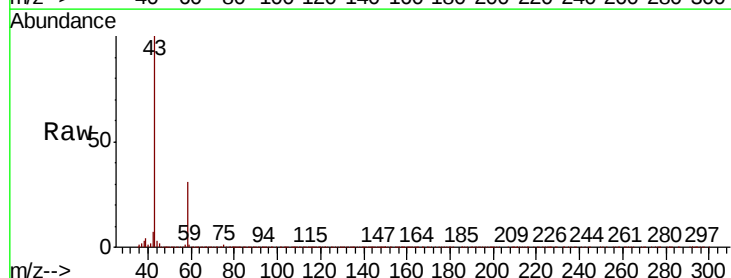
Acq: 06 Dec 2019 19:22

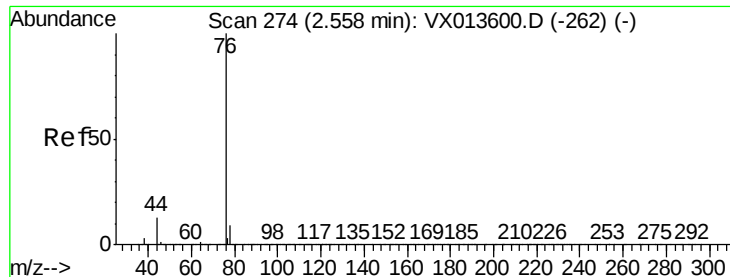
Tgt Ion: 43 Resp: 853299

Ion Ratio Lower Upper

43 100

58 31.1 24.6 36.8





#17

Carbon Disulfide

Concen: 43.752 ug/l

RT: 2.56 min Scan# 274

Delta R.T. -0.00 min

Lab File: VX013810.D

Acq: 06 Dec 2019 19:22

Instrument :

MSVOA_X

ClientSampleId :

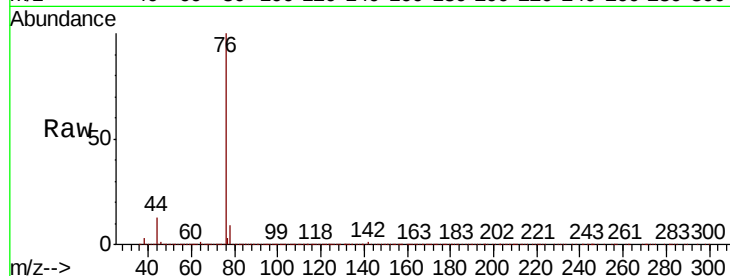
VSTDCCC050EC

Tot Ion: 76 Resp: 693195

Ion Ratio Lower Upper

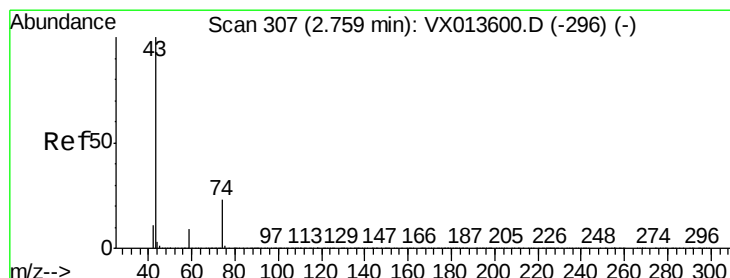
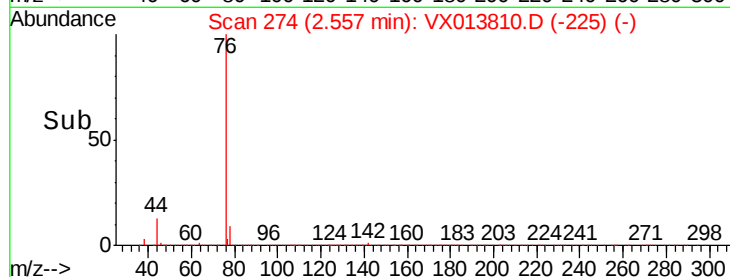
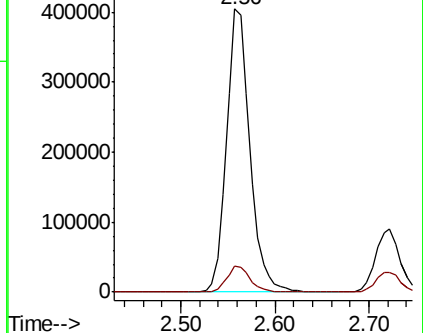
76 100

78 9.2 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 54.453 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.01 min

Lab File: VX013810.D

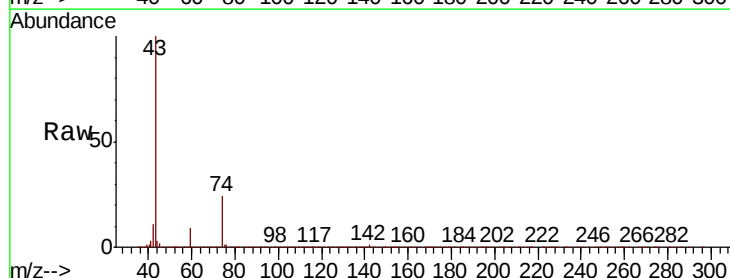
Acq: 06 Dec 2019 19:22

Tgt Ion: 43 Resp: 507495

Ion Ratio Lower Upper

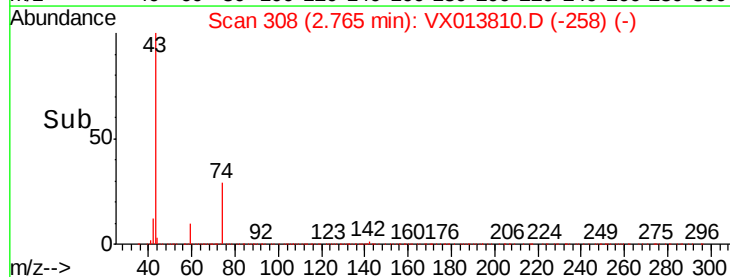
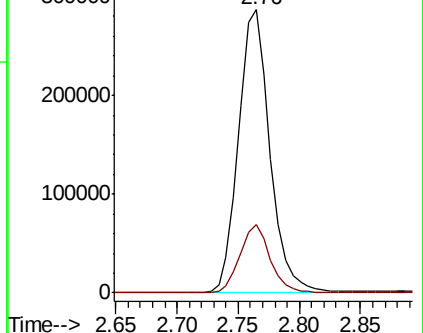
43 100

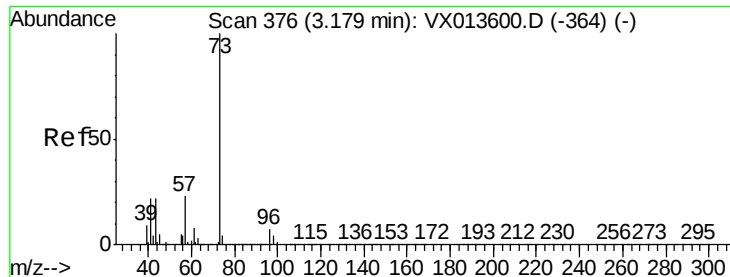
74 23.8 19.5 29.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

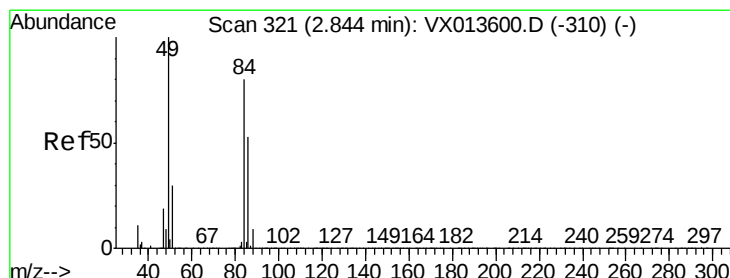
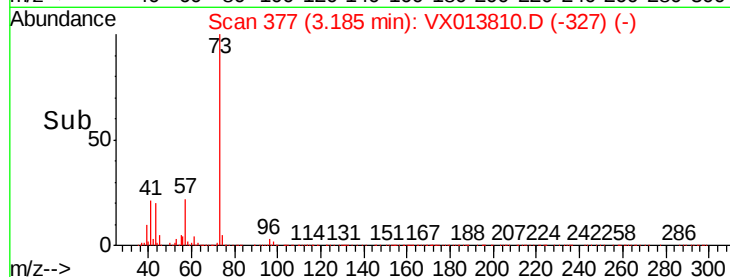
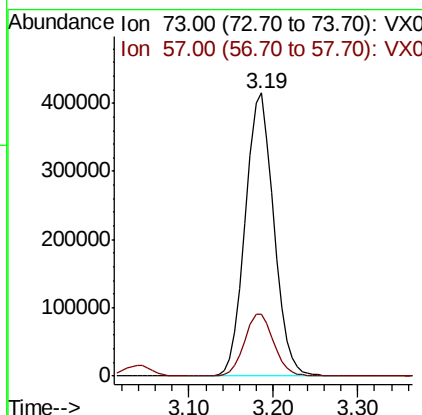
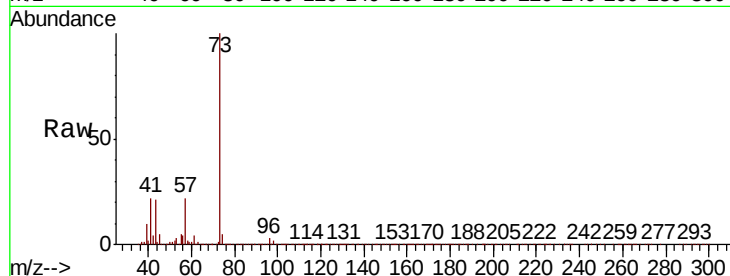




#19
Methyl tert-butyl Ether
Concen: 51.469 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.01 min
Lab File: VX013810.D
Acq: 06 Dec 2019 19:22

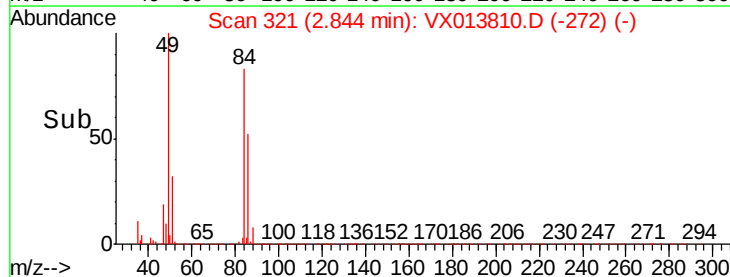
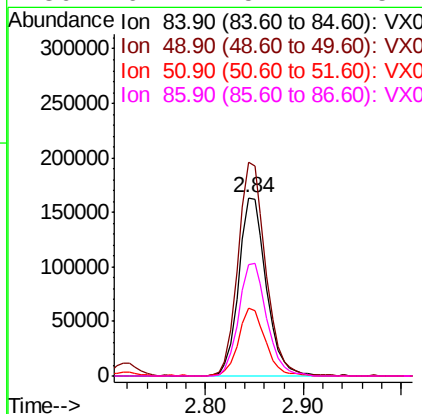
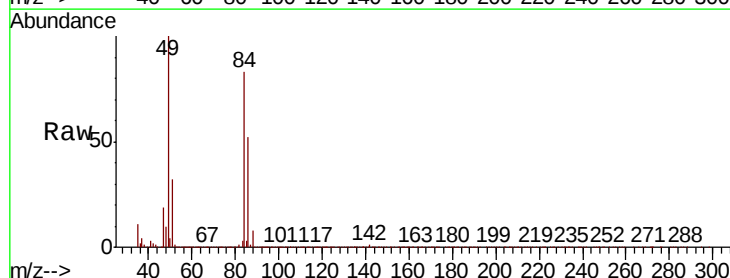
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

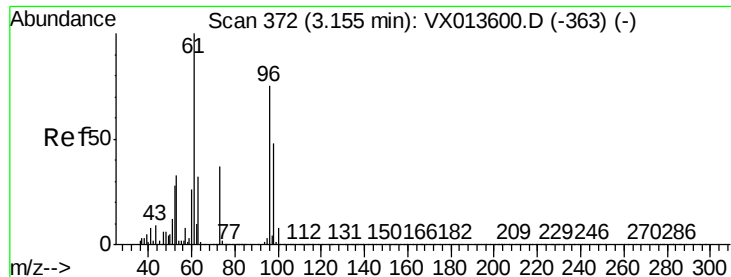
Tot Ion: 73 Resp: 947646
Ion Ratio Lower Upper
73 100
57 21.9 18.3 27.5



#20
Methylene Chloride
Concen: 49.731 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.00 min
Lab File: VX013810.D
Acq: 06 Dec 2019 19:22

Tgt Ion: 84 Resp: 319773
Ion Ratio Lower Upper
84 100
49 119.9 99.7 149.5
51 37.7 29.9 44.9
86 62.4 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 47.315 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX013810.D

Acq: 06 Dec 2019 19:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

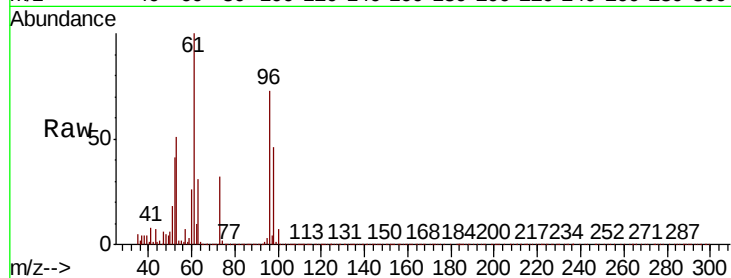
Tot Ion: 96 Resp: 286477

Ion Ratio Lower Upper

96 100

61 136.4 107.2 160.8

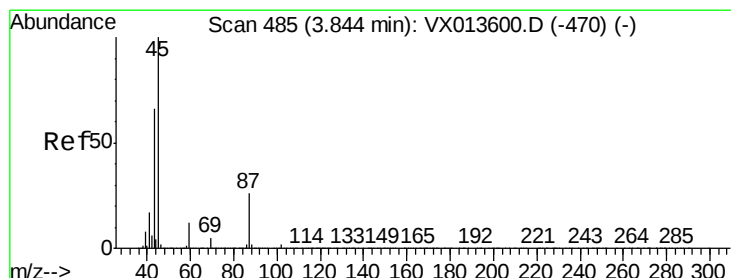
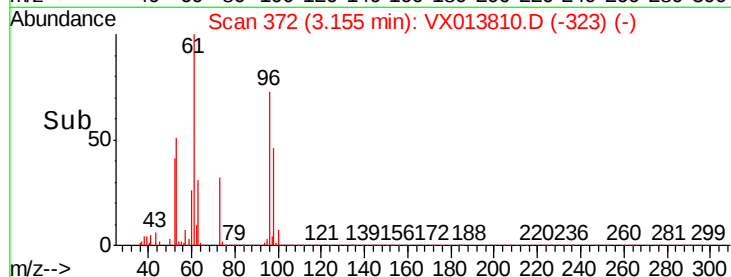
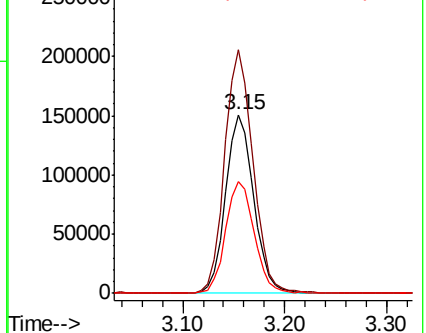
98 62.4 51.4 77.0



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 52.057 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.00 min

Lab File: VX013810.D

Acq: 06 Dec 2019 19:22

Tgt Ion: 45 Resp: 1011007

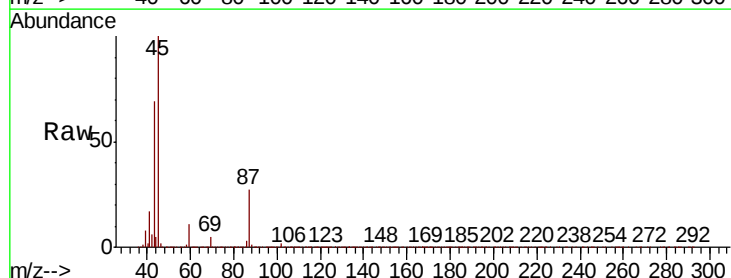
Ion Ratio Lower Upper

45 100

43 68.6 52.6 79.0

87 27.3 21.1 31.7

59 10.9 9.2 13.8

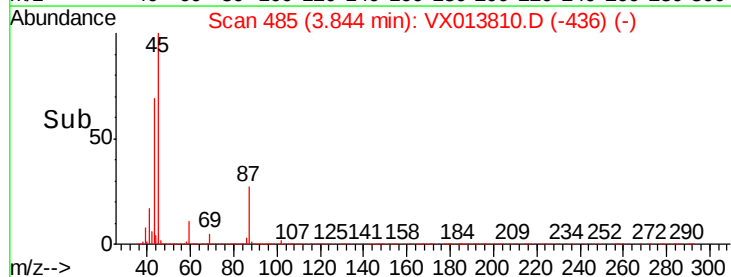
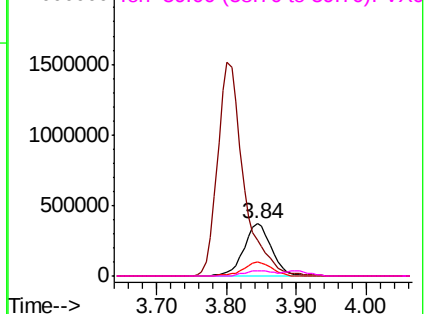


Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 243.936 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX013810.D

Acq: 06 Dec 2019 19:22

Instrument :

MSVOA_X

ClientSampleId :

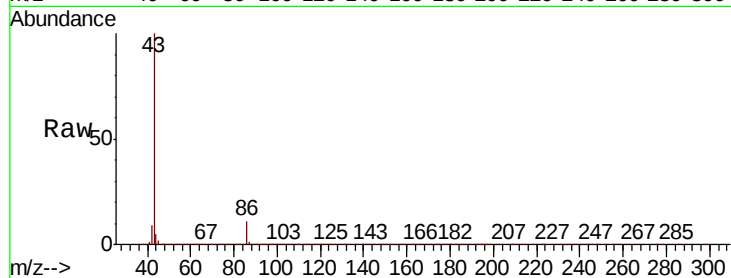
VSTDCCC050EC

Tot Ion: 43 Resp: 3941162

Ion Ratio Lower Upper

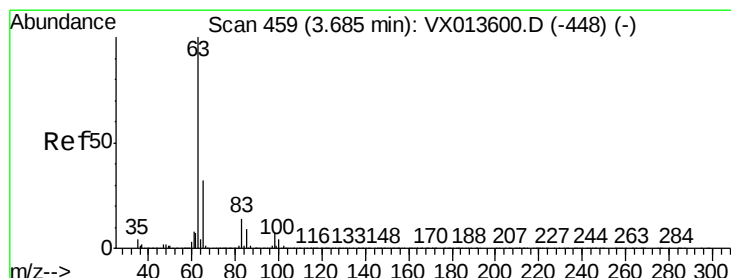
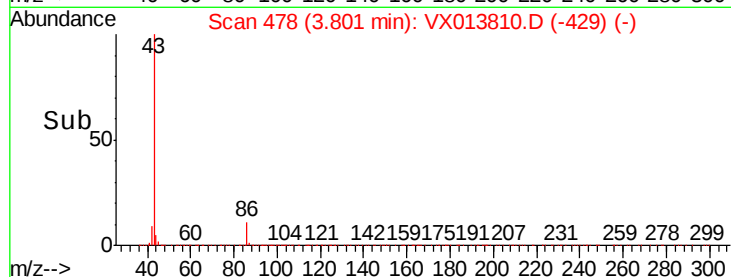
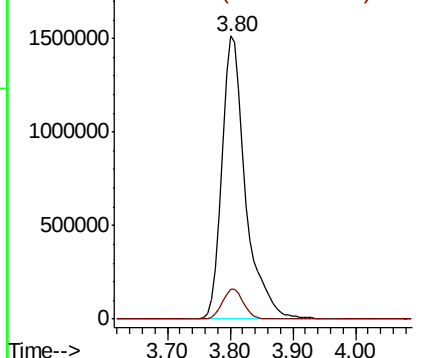
43 100

86 10.6 8.7 13.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 51.425 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX013810.D

Acq: 06 Dec 2019 19:22

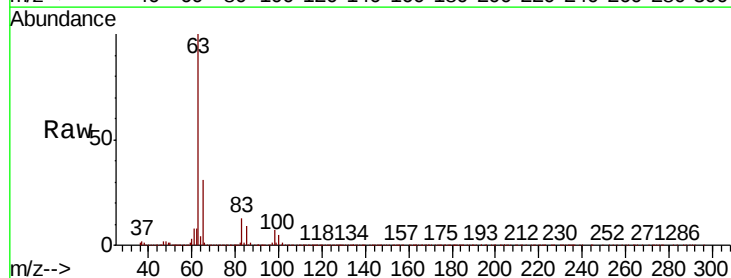
Tgt Ion: 63 Resp: 545975

Ion Ratio Lower Upper

63 100

98 7.2 3.5 10.4

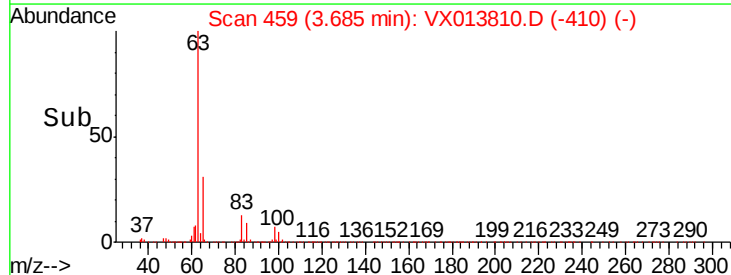
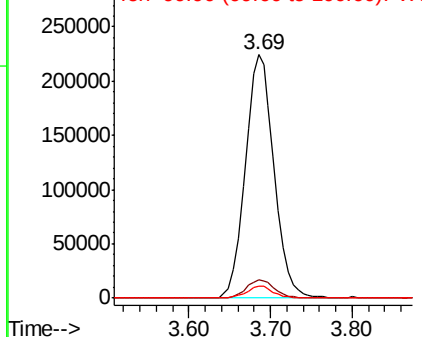
100 4.8 2.1 6.3

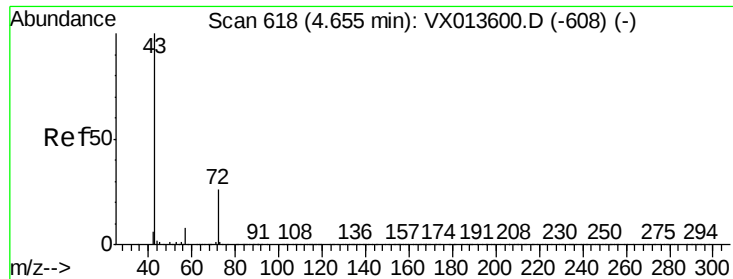


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

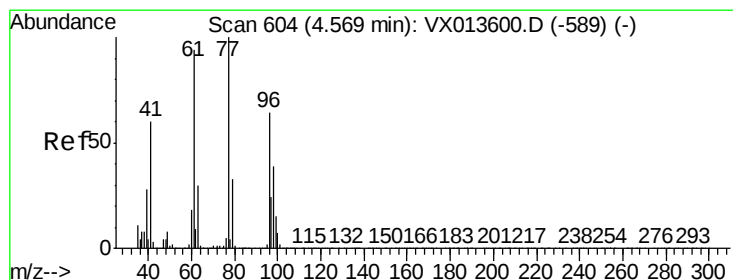
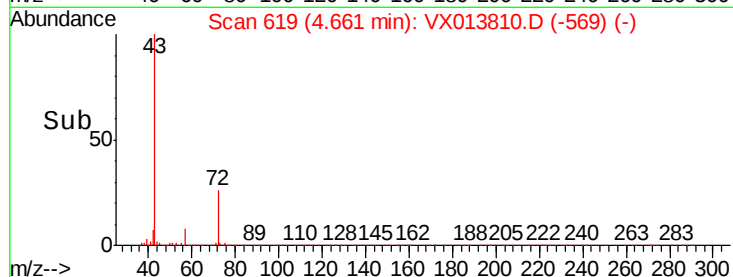
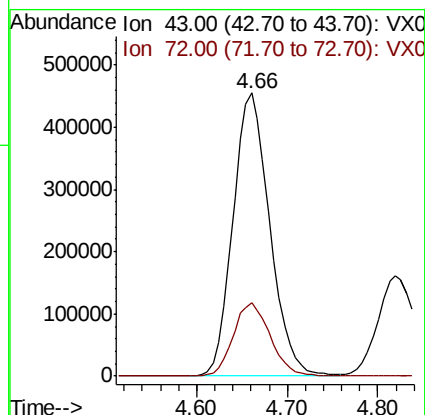
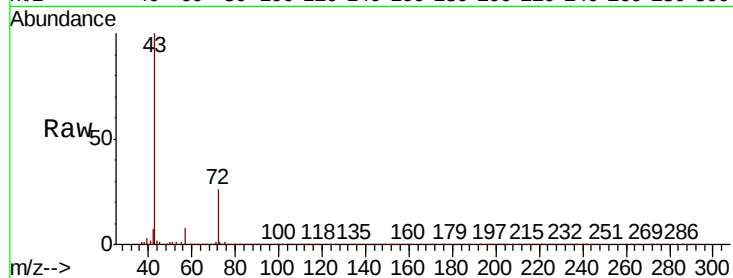




#25
2-Butanone
Concen: 255.840 ug/l
RT: 4.66 min Scan# 619
Delta R.T. 0.01 min
Lab File: VX013810.D
Acq: 06 Dec 2019 19:22

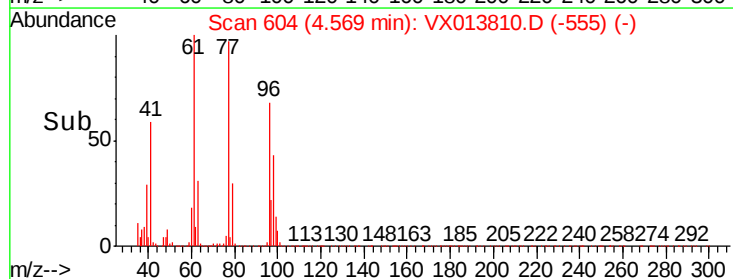
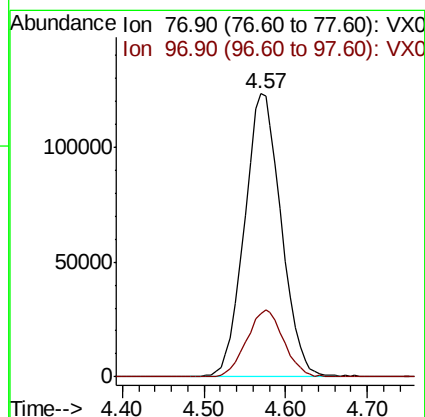
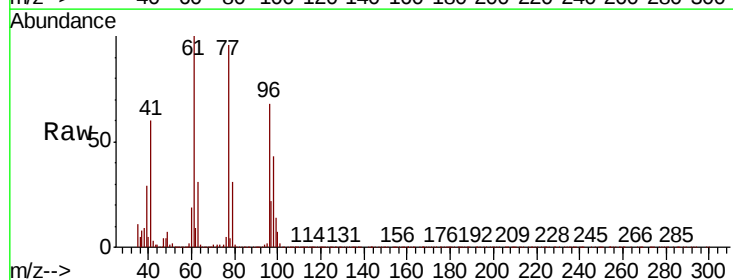
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

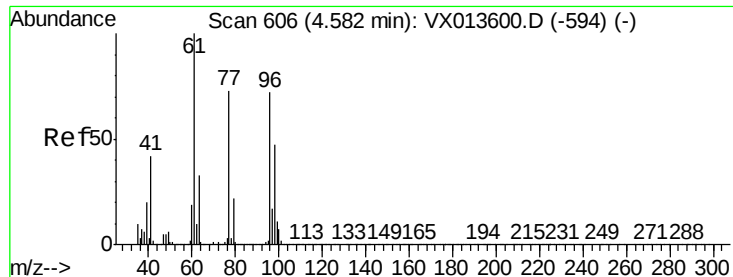
Tot Ion: 43 Resp: 1272590
Ion Ratio Lower Upper
43 100
72 26.0 20.6 31.0



#26
2,2-Dichloropropane
Concen: 43.771 ug/l
RT: 4.57 min Scan# 604
Delta R.T. -0.00 min
Lab File: VX013810.D
Acq: 06 Dec 2019 19:22

Tgt Ion: 77 Resp: 384491
Ion Ratio Lower Upper
77 100
97 24.2 12.0 36.1



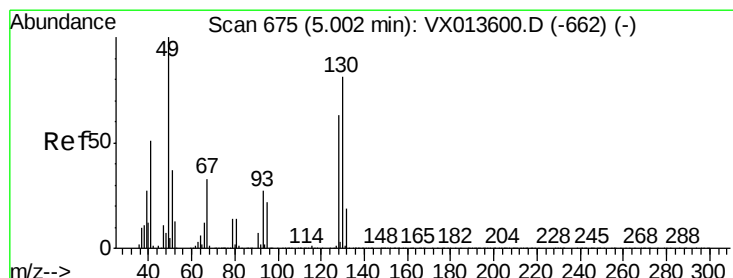
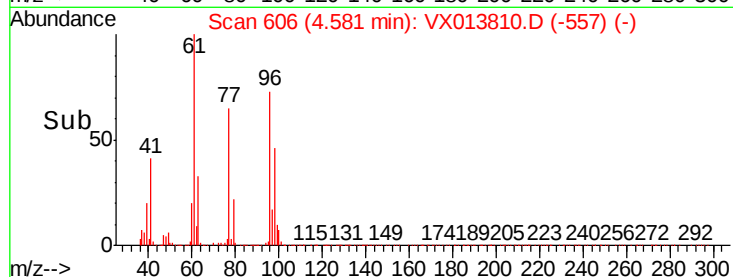
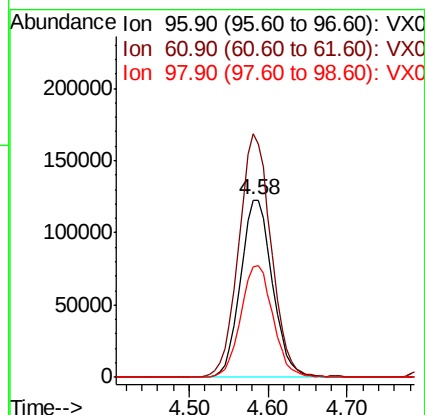
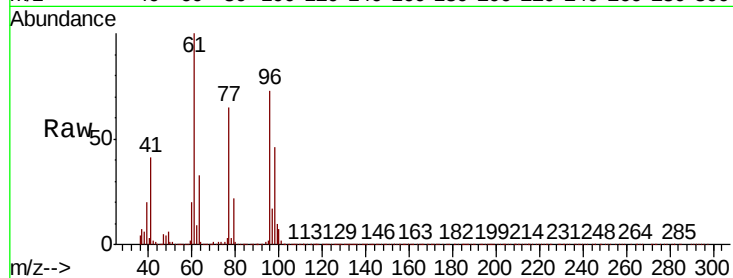


#27

cis-1,2-Dichloroethene
Concen: 49.690 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.00 min
Lab File: VX013810.D
Acq: 06 Dec 2019 19:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

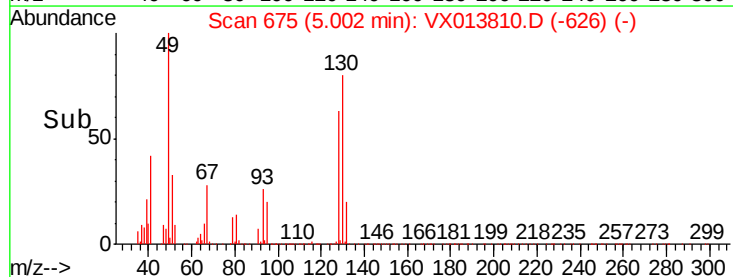
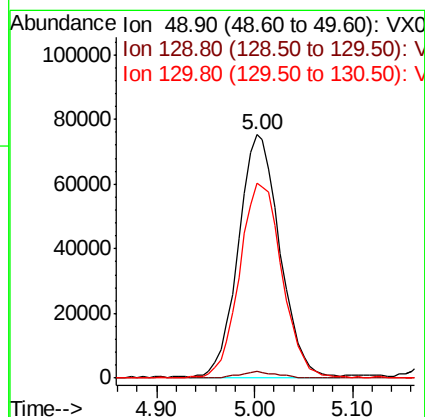
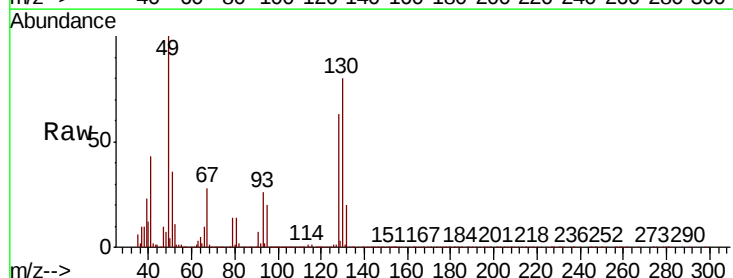
Tot Ion	Ratio	Lower	Upper
96	100		
61	139.1	0.0	286.4
98	63.9	0.0	127.4

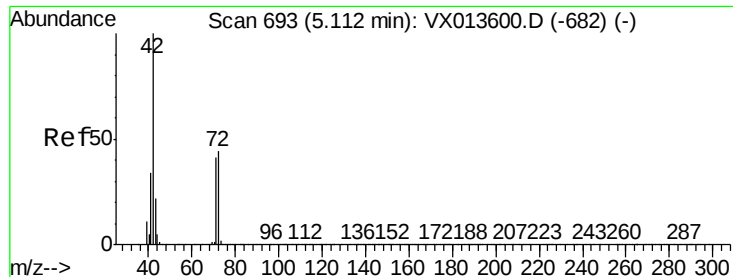


#28

Bromochloromethane
Concen: 52.414 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.00 min
Lab File: VX013810.D
Acq: 06 Dec 2019 19:22

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	5.0
130	82.9	65.4	98.0





#29

Tetrahydrofuran

Concen: 257.475 ug/l

RT: 5.12 min Scan# 694

Delta R.T. 0.01 min

Lab File: VX013810.D

Acq: 06 Dec 2019 19:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

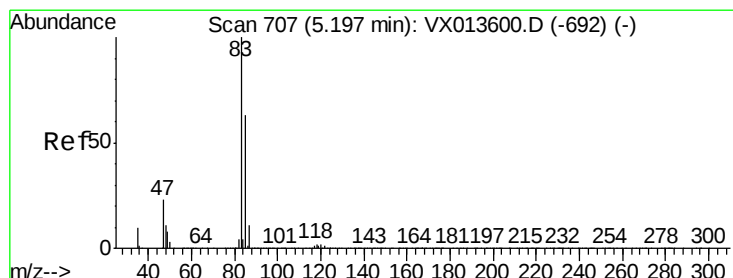
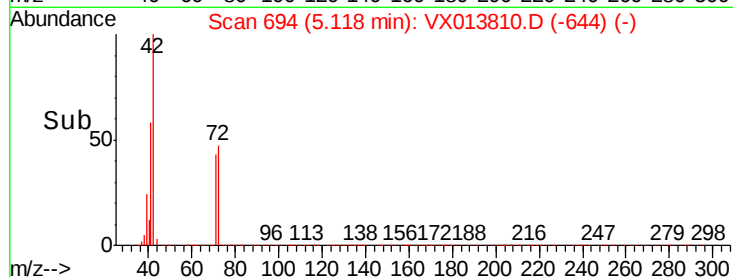
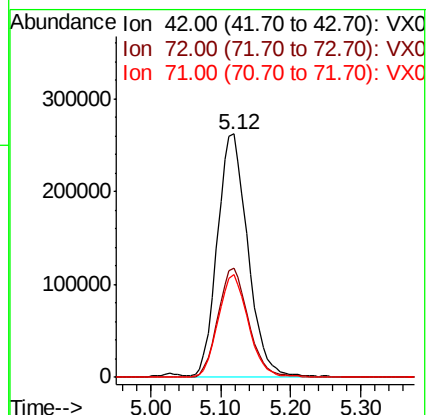
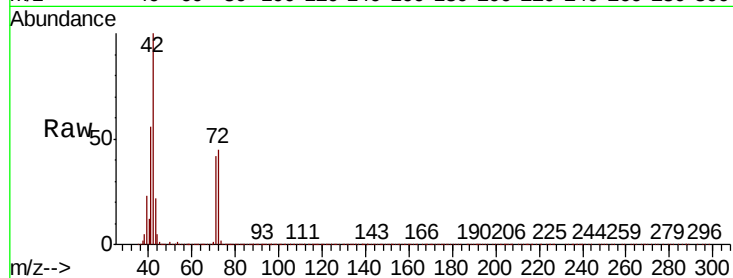
Tot Ion: 42 Resp: 789527

Ion Ratio Lower Upper

42 100

72 45.2 36.3 54.5

71 41.7 33.2 49.8



#30

Chloroform

Concen: 48.847 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.00 min

Lab File: VX013810.D

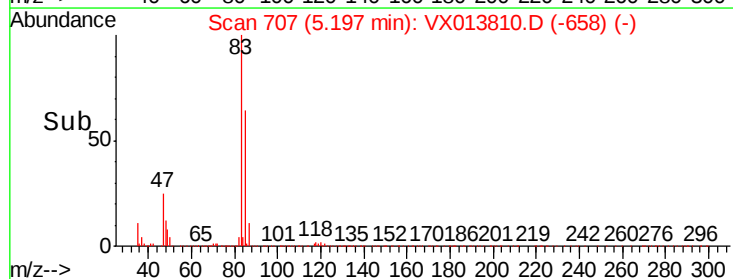
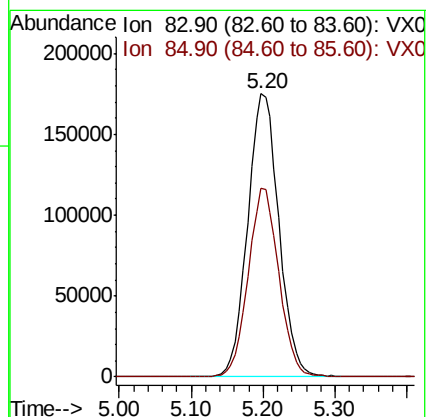
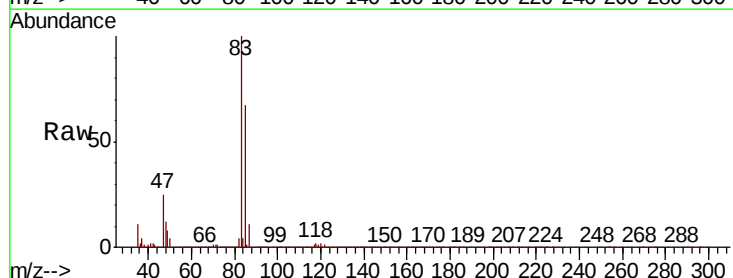
Acq: 06 Dec 2019 19:22

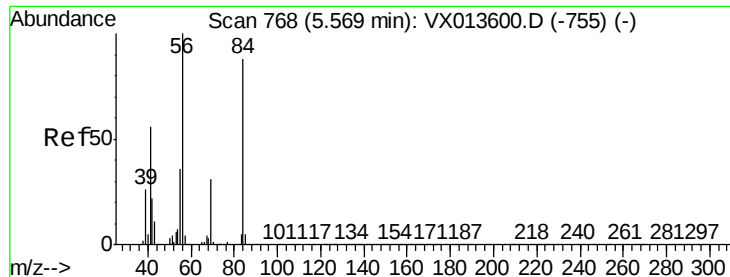
Tgt Ion: 83 Resp: 525953

Ion Ratio Lower Upper

83 100

85 66.4 50.2 75.4

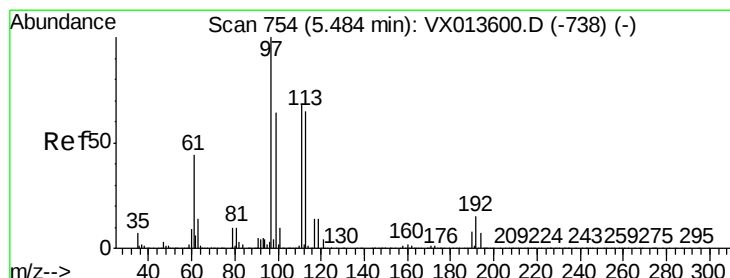
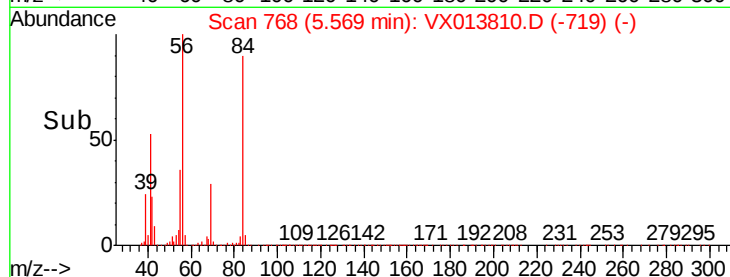
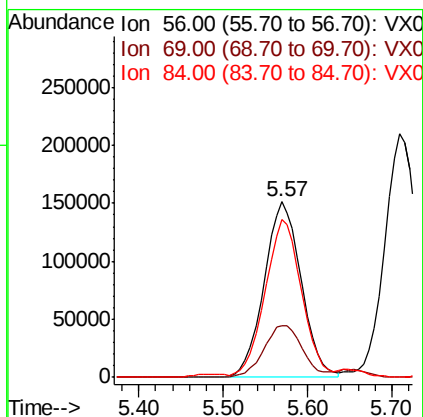
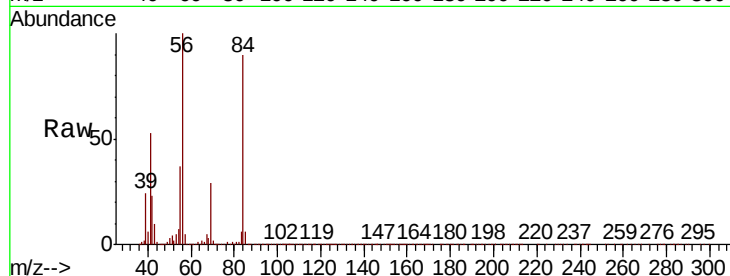




#31
Cyclohexane
Concen: 45.809 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX013810.D
Acq: 06 Dec 2019 19:22

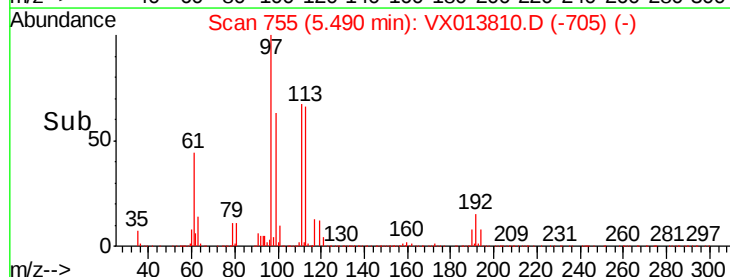
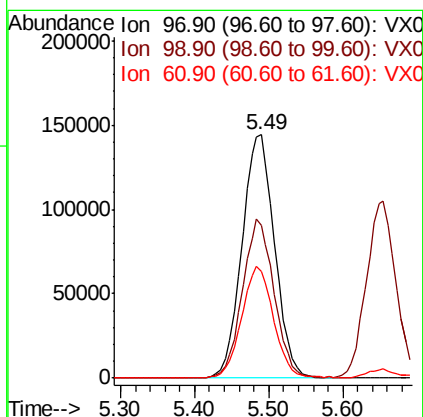
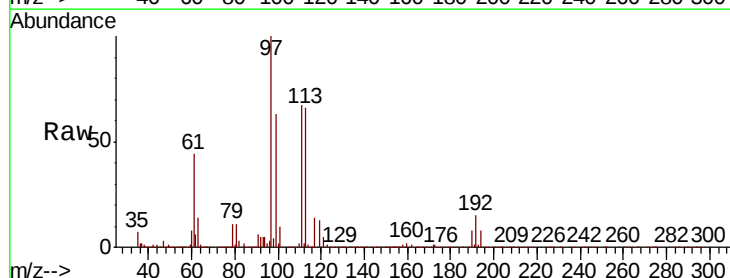
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

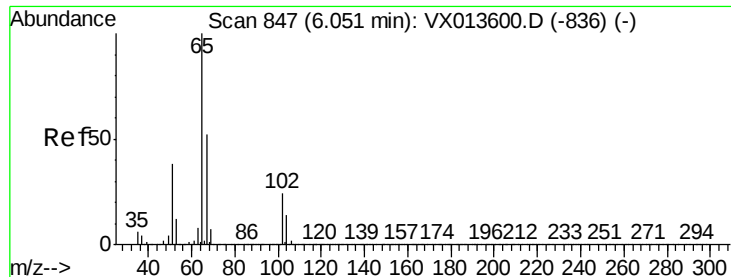
Tot Ion: 56 Resp: 458728
Ion Ratio Lower Upper
56 100
69 29.1 24.6 36.8
84 88.9 70.0 105.0



#32
1,1,1-Trichloroethane
Concen: 49.465 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.01 min
Lab File: VX013810.D
Acq: 06 Dec 2019 19:22

Tgt Ion: 97 Resp: 445076
Ion Ratio Lower Upper
97 100
99 63.4 51.6 77.4
61 44.4 36.1 54.1





#33

1,2-Dichloroethane-d4

Concen: 47.364 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX013810.D

Acq: 06 Dec 2019 19:22

Instrument :

MSVOA_X

ClientSampleId :

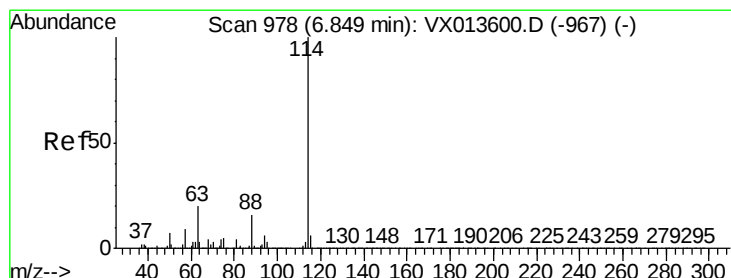
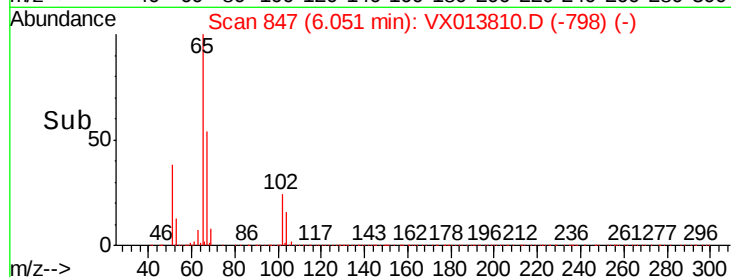
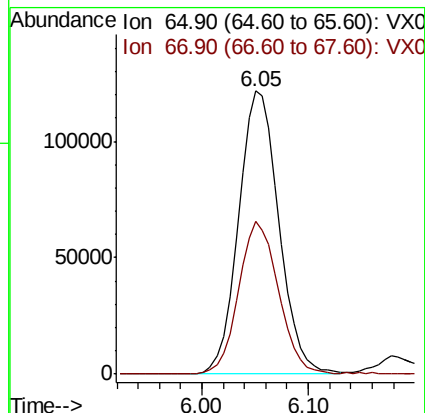
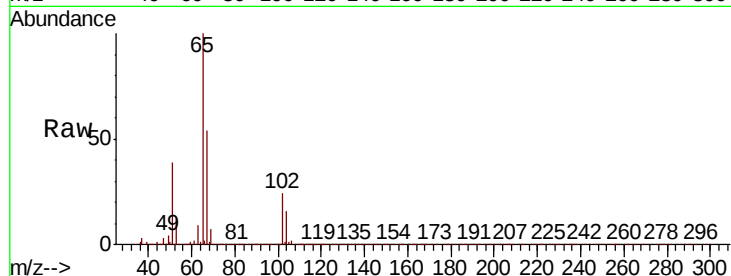
VSTDCCC050EC

Tot Ion: 65 Resp: 321087

Ion Ratio Lower Upper

65 100

67 53.3 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX013810.D

Acq: 06 Dec 2019 19:22

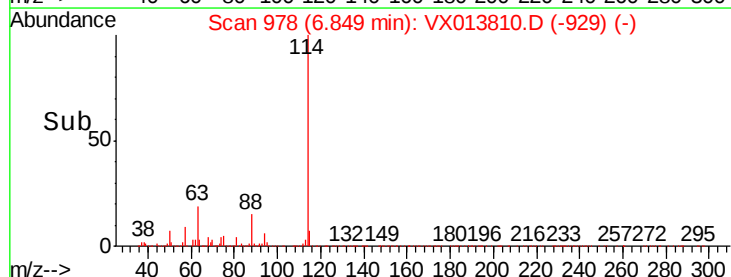
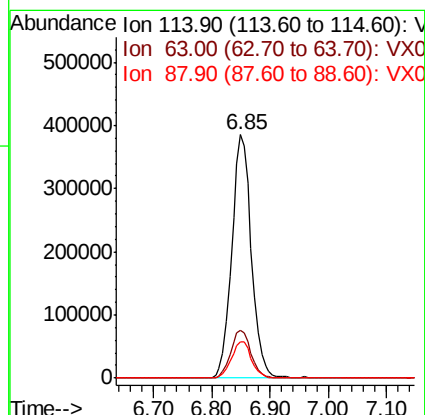
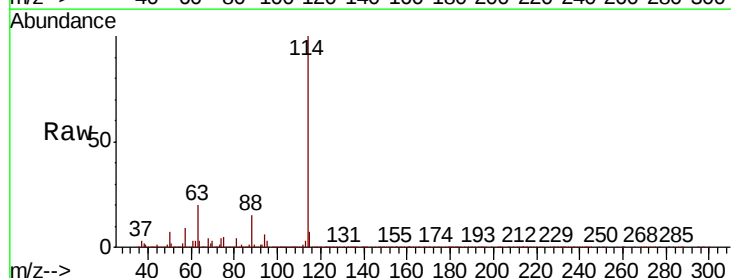
Tgt Ion: 114 Resp: 904629

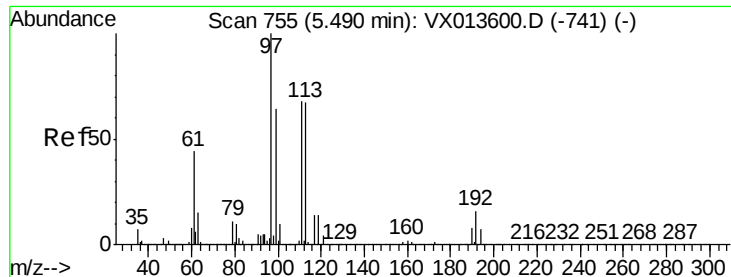
Ion Ratio Lower Upper

114 100

63 19.5 0.0 39.6

88 14.7 0.0 31.4

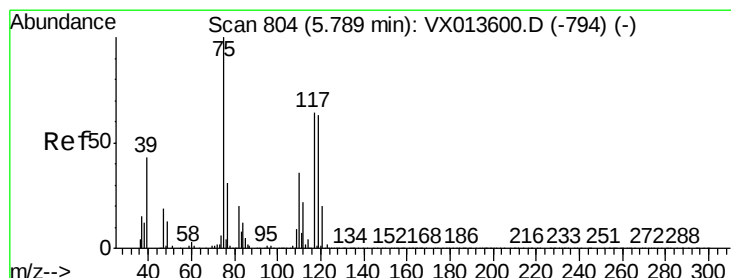
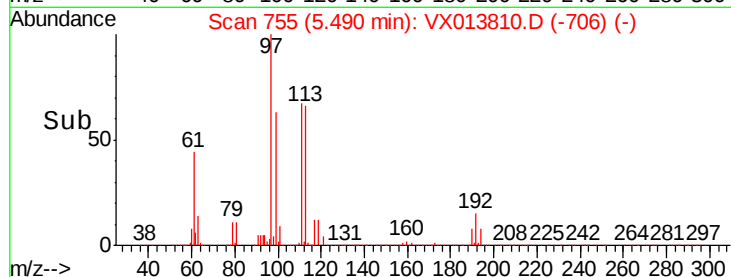
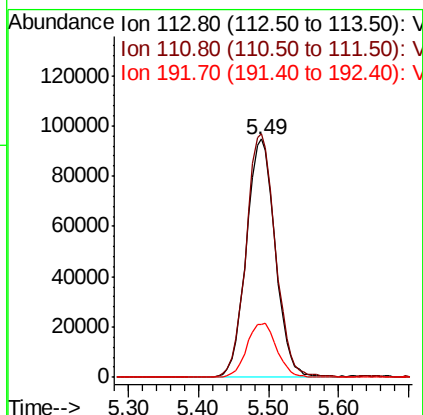
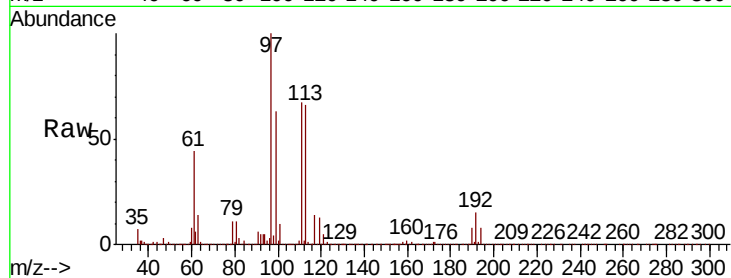




#35
 Dibromofluoromethane
 Concen: 48.590 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. -0.00 min
 Lab File: VX013810.D
 Acq: 06 Dec 2019 19:22

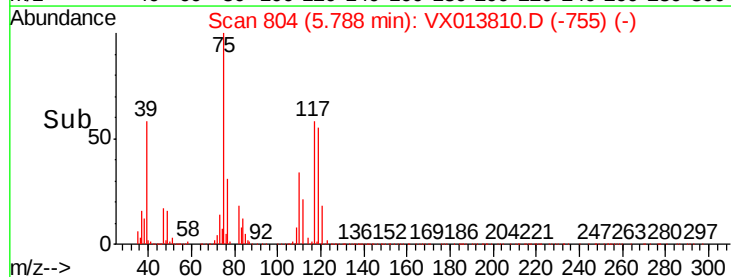
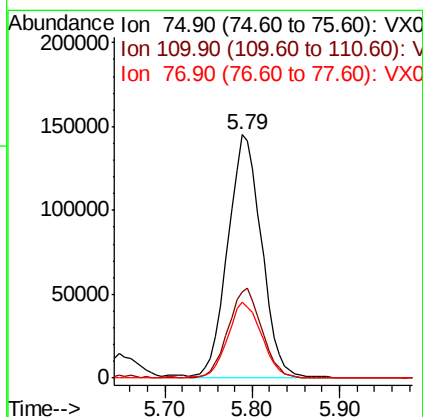
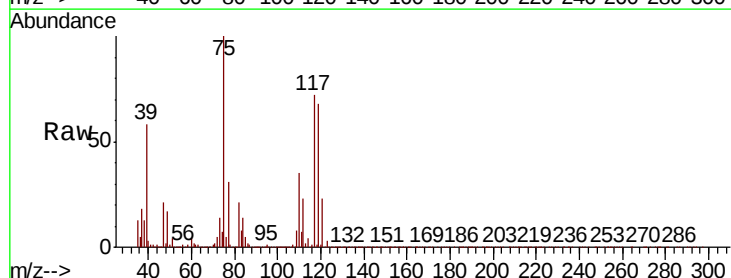
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

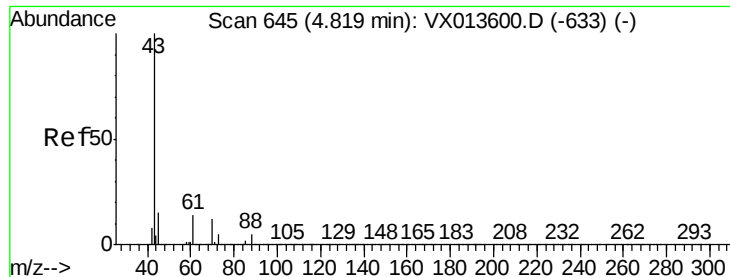
Tot Ion:113 Resp: 271740
 Ion Ratio Lower Upper
 113 100
 111 102.8 83.6 125.4
 192 23.4 19.2 28.8



#36
 1,1-Dichloropropene
 Concen: 47.032 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. -0.00 min
 Lab File: VX013810.D
 Acq: 06 Dec 2019 19:22

Tgt Ion: 75 Resp: 386215
 Ion Ratio Lower Upper
 75 100
 110 36.9 18.1 54.1
 77 31.1 24.5 36.7

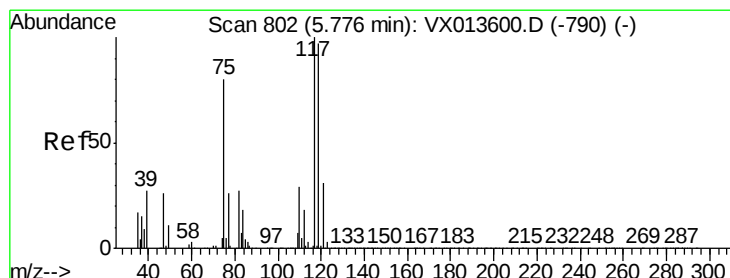
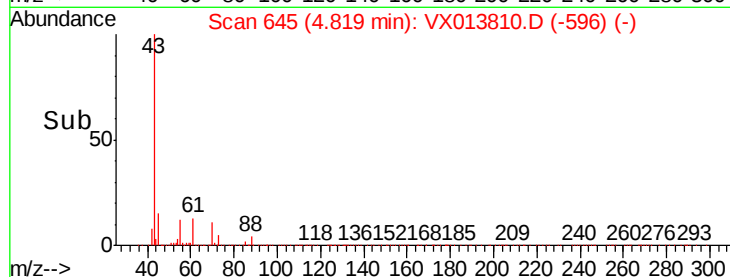
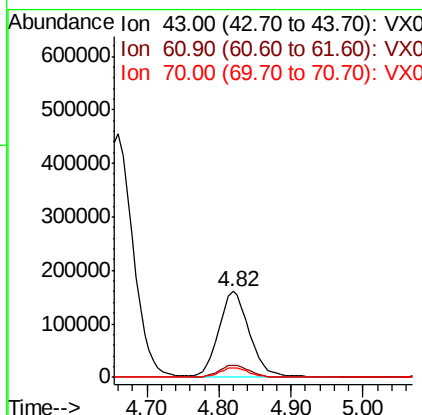
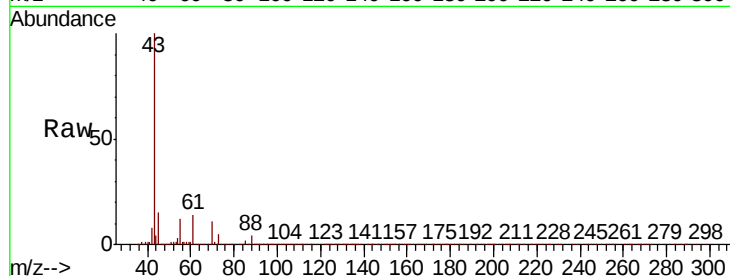




#37
Ethyl Acetate
Concen: 51.353 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX013810.D
Acq: 06 Dec 2019 19:22

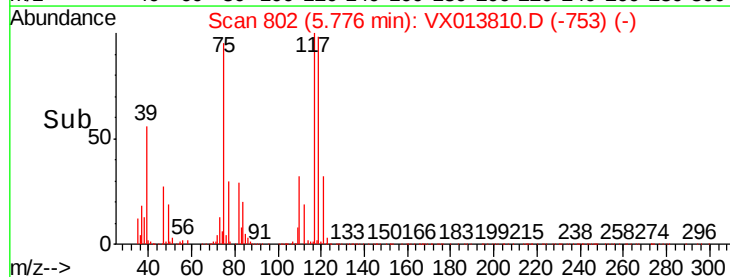
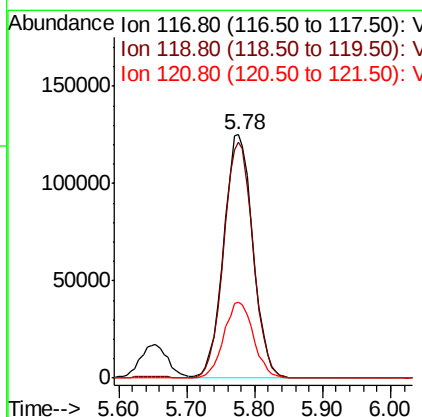
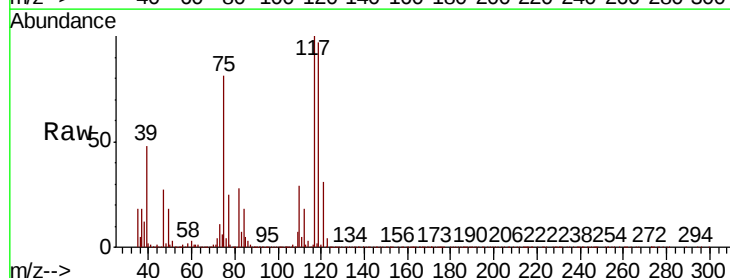
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

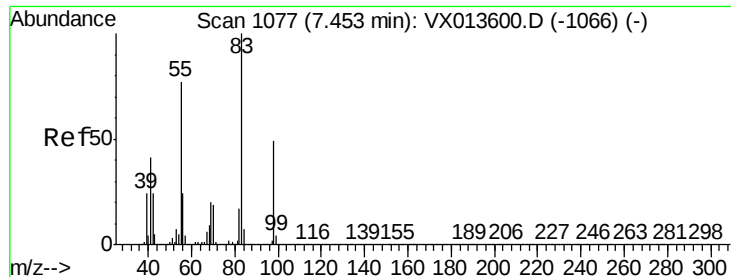
Tot Ion	Ratio	Lower	Upper
43	100		
61	13.8	11.0	16.4
70	10.8	8.6	12.8



#38
Carbon Tetrachloride
Concen: 49.201 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX013810.D
Acq: 06 Dec 2019 19:22

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.8	77.5	116.3
121	31.4	25.0	37.6

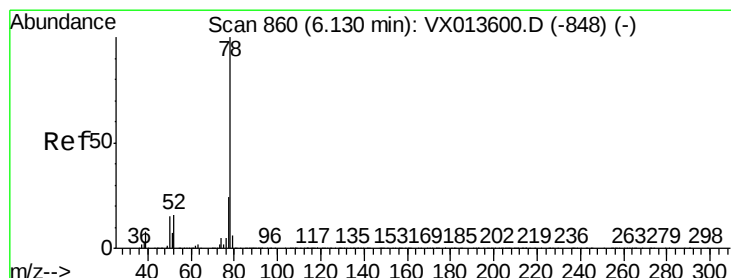
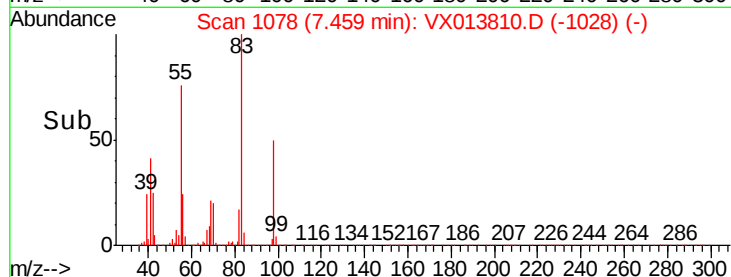
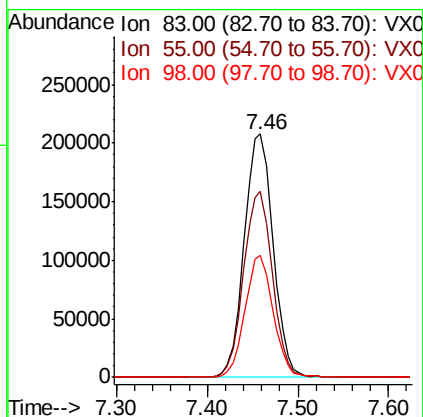
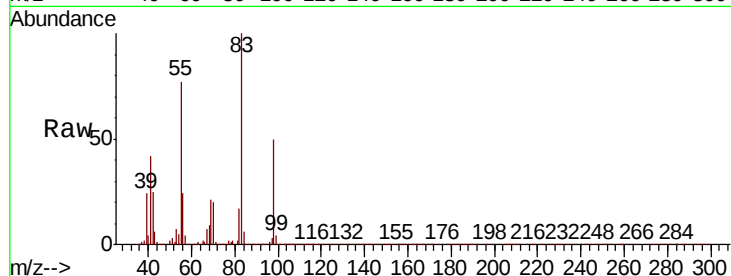




#39
Methvlcvclohexane
Concen: 45.170 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.01 min
Lab File: VX013810.D
Acq: 06 Dec 2019 19:22

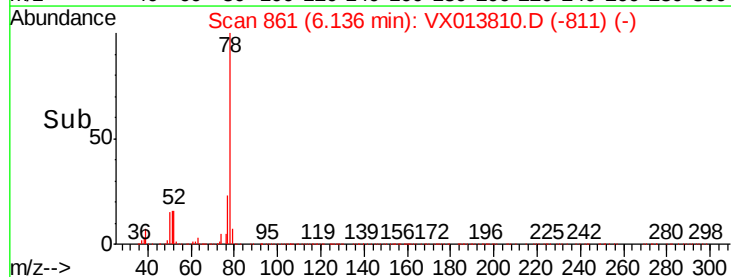
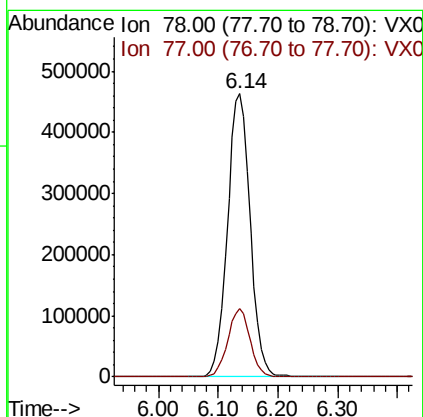
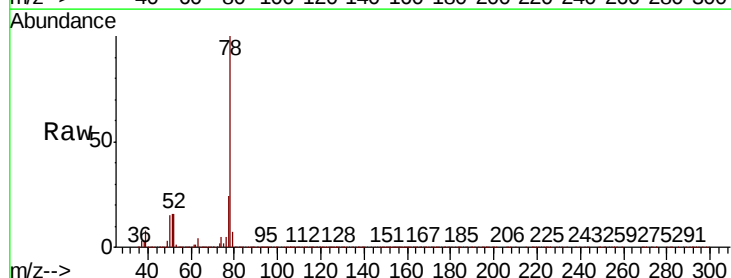
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

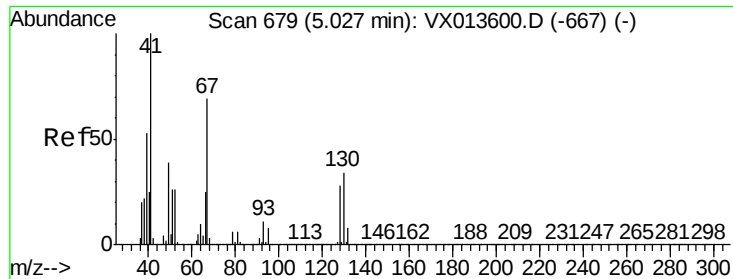
Tot Ion	Ratio	Lower	Upper
83	100		
55	76.4	61.9	92.9
98	49.9	39.4	59.0



#40
Benzene
Concen: 48.888 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX013810.D
Acq: 06 Dec 2019 19:22

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.0	28.4

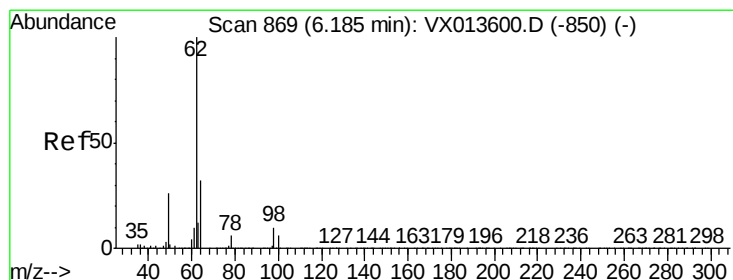
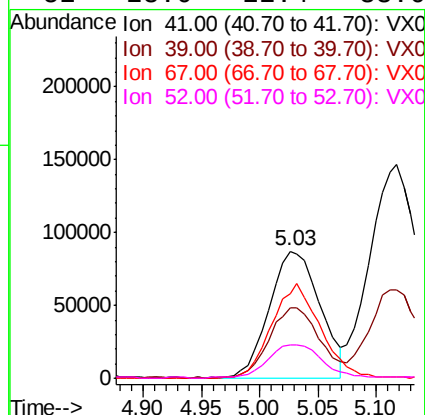
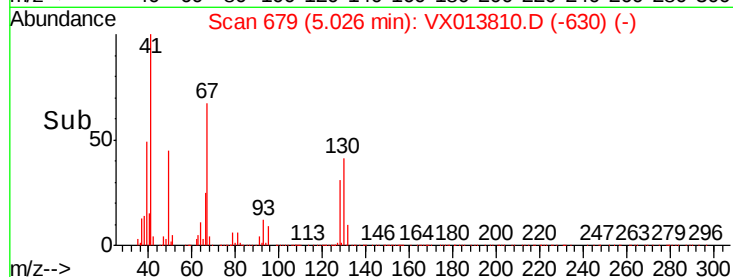
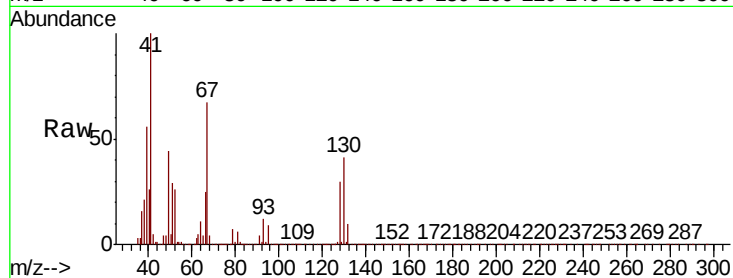




#41
Methacrylonitrile
Concen: 51.786 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.00 min
Lab File: VX013810.D
Acq: 06 Dec 2019 19:22

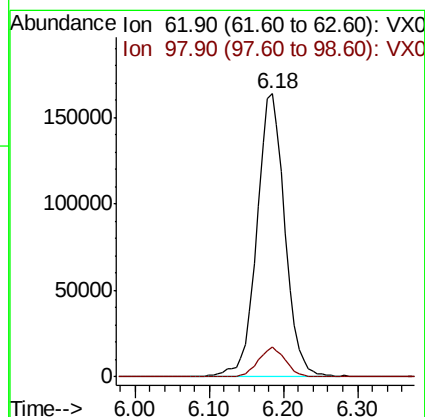
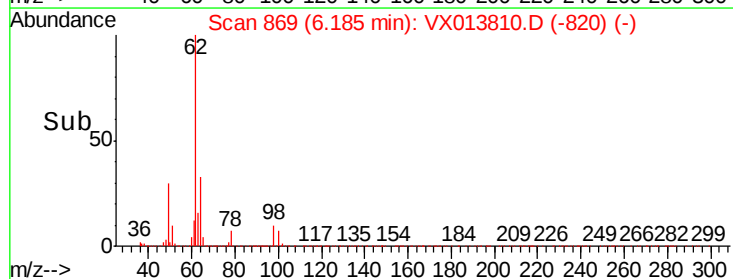
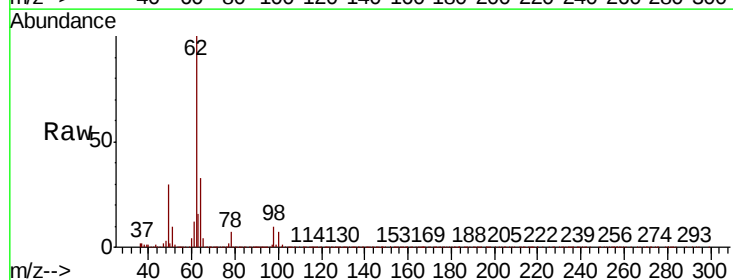
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

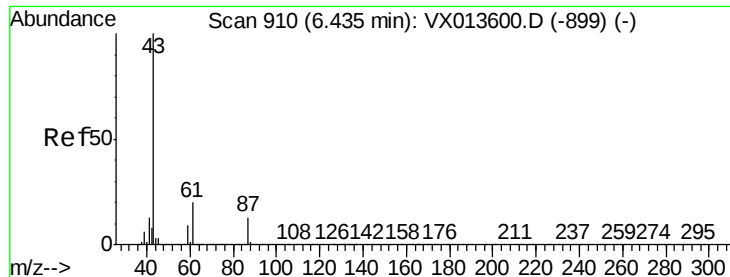
Tot Ion:	41	Resp:	261635
Ion	Ratio	Lower	Upper
41	100		
39	56.0	42.9	64.3
67	71.5	57.4	86.0
52	28.0	22.4	33.6



#42
1,2-Dichloroethane
Concen: 50.615 ug/l
RT: 6.18 min Scan# 869
Delta R.T. -0.00 min
Lab File: VX013810.D
Acq: 06 Dec 2019 19:22

Tgt Ion:	62	Resp:	431726
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	20.8



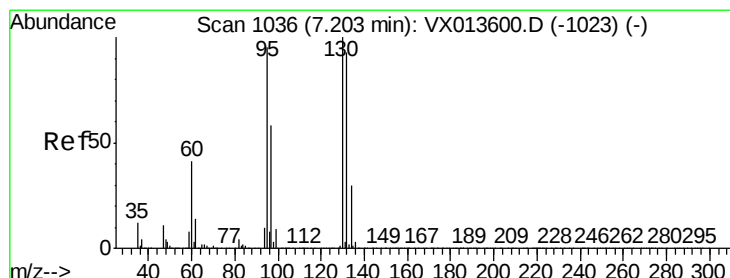
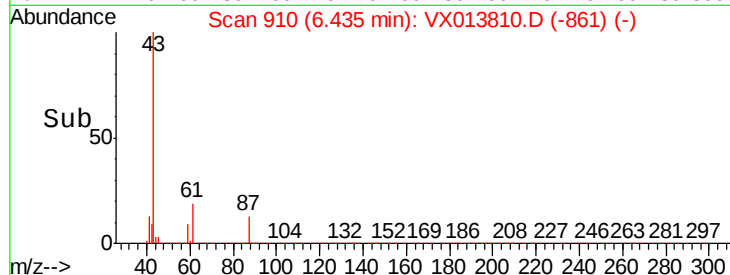
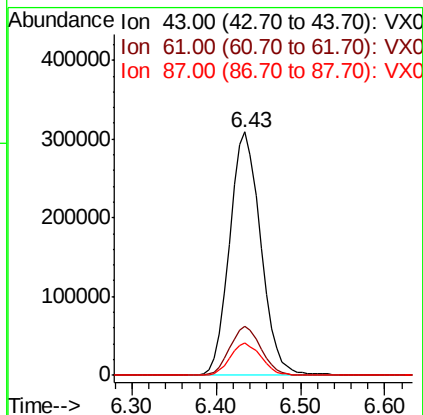
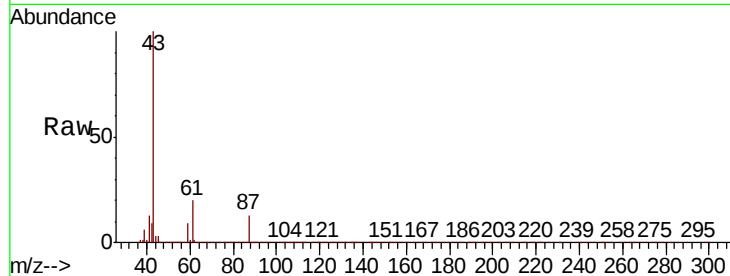


#43

Isopropyl Acetate
 Concen: 50.818 ug/l
 RT: 6.43 min Scan# 910
 Delta R.T. -0.00 min
 Lab File: VX013810.D
 Acq: 06 Dec 2019 19:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

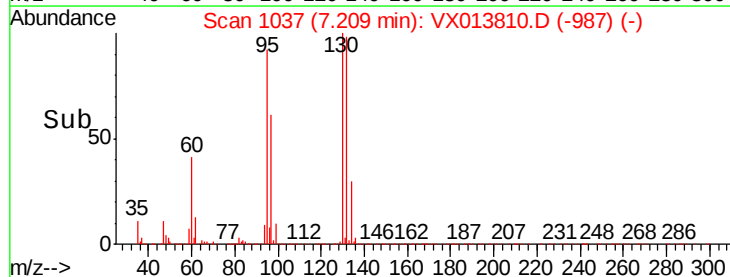
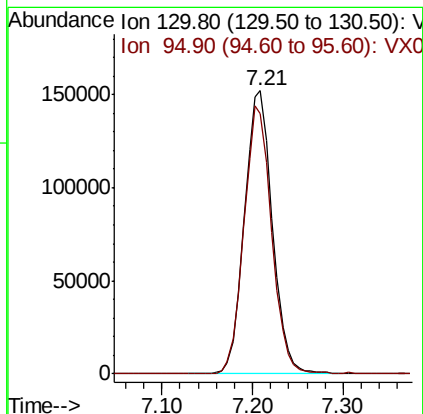
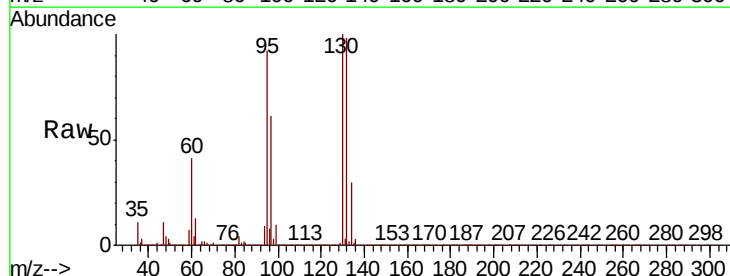
Tot Ion	Ratio	Lower	Upper
43	100		
61	20.4	16.3	24.5
87	13.3	10.8	16.2



#44

Trichloroethene
 Concen: 47.177 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. 0.01 min
 Lab File: VX013810.D
 Acq: 06 Dec 2019 19:22

Tgt Ion	Ratio	Lower	Upper
130	100		
95	92.0	0.0	190.8





#45

1,2-Dichloropropane

Concen: 51.680 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX013810.D

Acq: 06 Dec 2019 19:22

Instrument :

MSVOA_X

ClientSampleId :

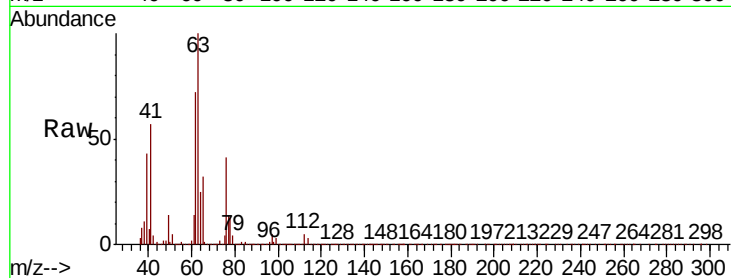
VSTDCCC050EC

Tot Ion: 63 Resp: 323385

Ion Ratio Lower Upper

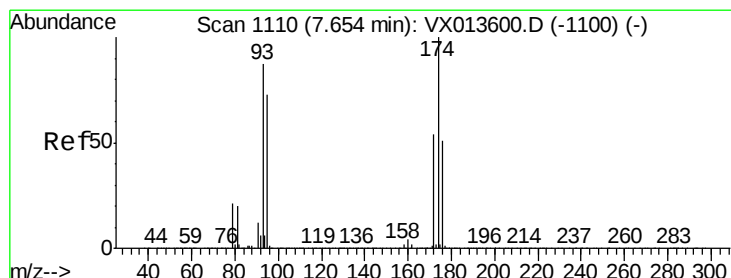
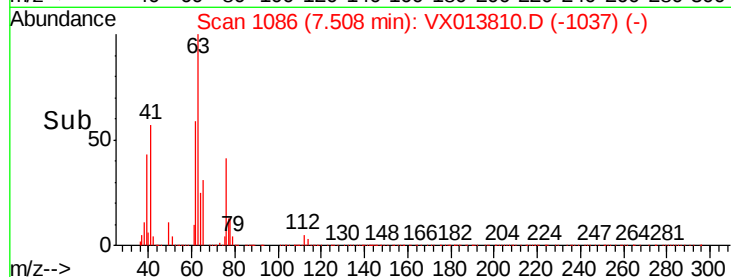
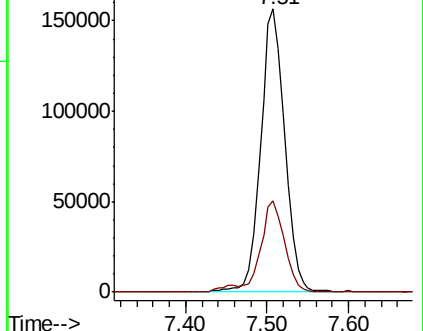
63 100

65 32.2 25.5 38.3



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 48.684 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VX013810.D

Acq: 06 Dec 2019 19:22

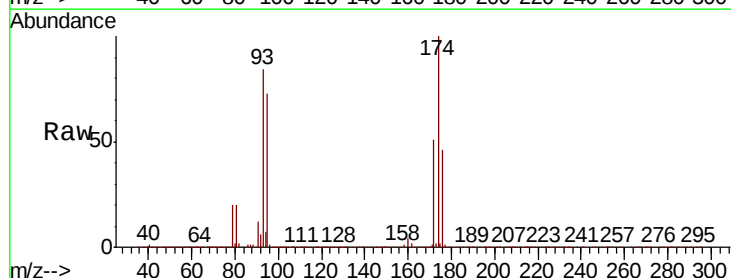
Tgt Ion: 93 Resp: 206906

Ion Ratio Lower Upper

93 100

95 83.9 66.2 99.2

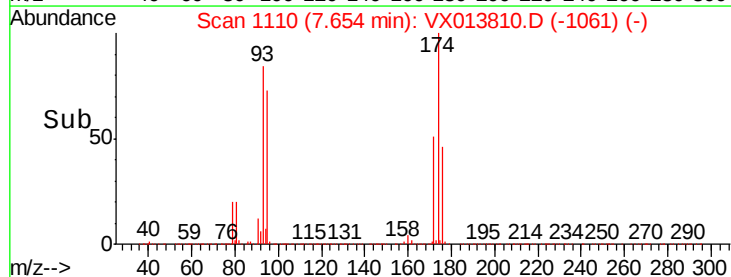
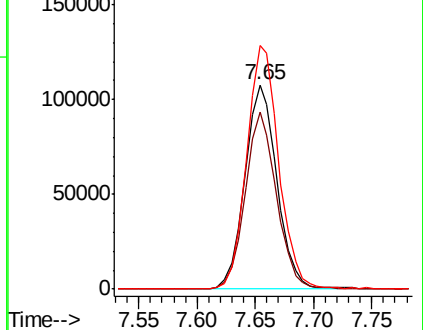
174 119.6 93.4 140.0



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 51.695 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX013810.D

Acq: 06 Dec 2019 19:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

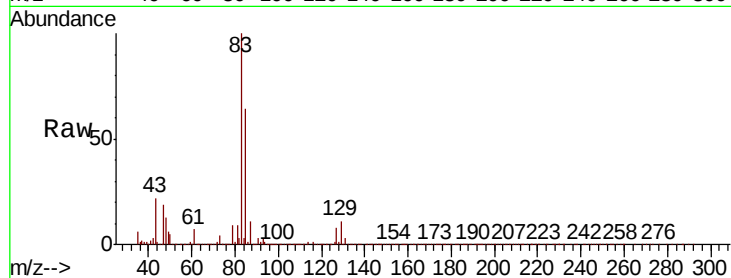
Tot Ion: 83 Resp: 415337

Ion Ratio Lower Upper

83 100

85 63.7 52.1 78.1

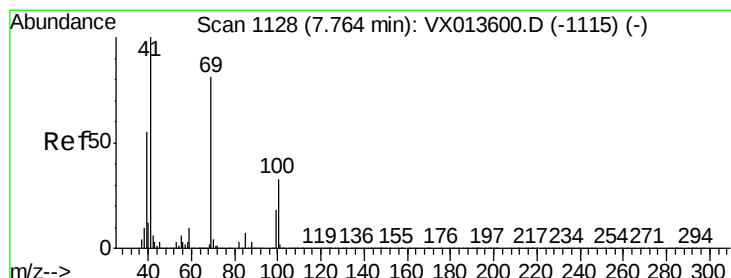
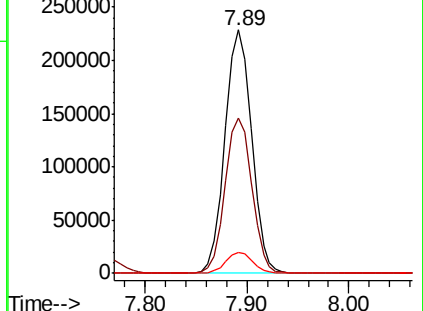
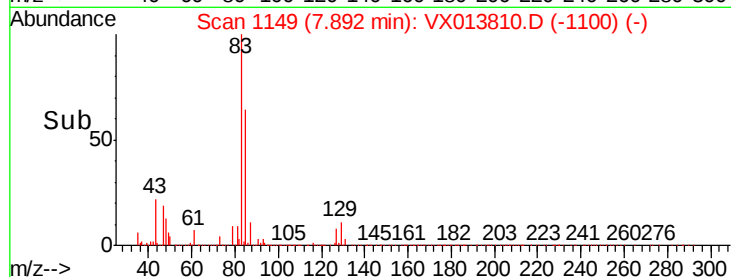
127 8.4 7.0 10.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 51.962 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. -0.00 min

Lab File: VX013810.D

Acq: 06 Dec 2019 19:22

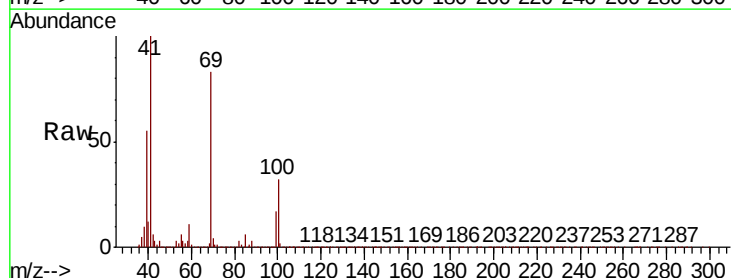
Tgt Ion: 41 Resp: 382910

Ion Ratio Lower Upper

41 100

69 81.2 64.7 97.1

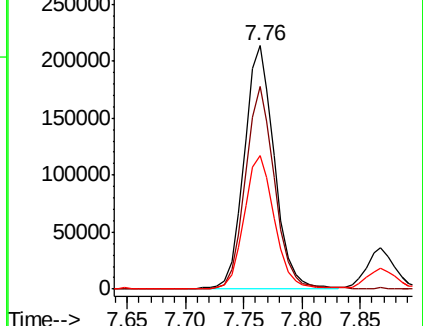
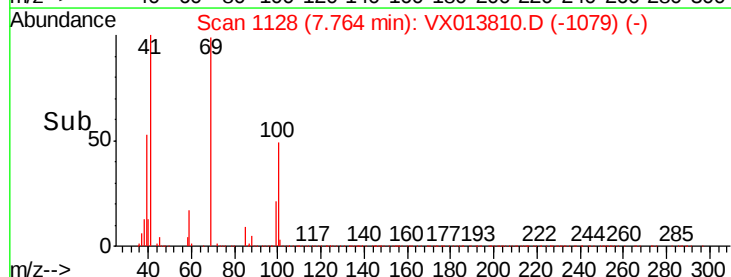
39 54.9 43.8 65.6

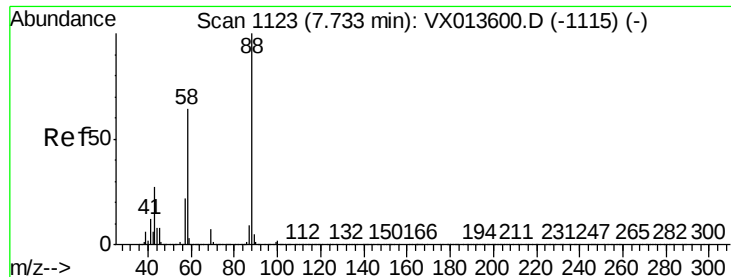


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 949.185 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. -0.00 min

Lab File: VX013810.D

Acq: 06 Dec 2019 19:22

Instrument :

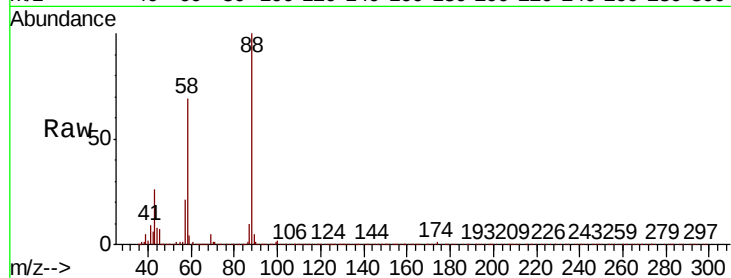
MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 88 Resp: 156565

Ion	Ratio	Lower	Upper
88	100		
43	32.1	25.8	38.6
58	70.3	54.6	82.0

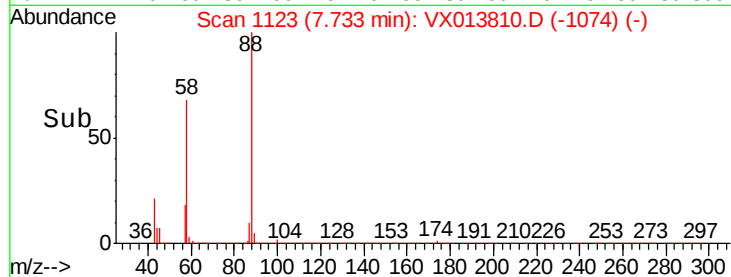


Abundance

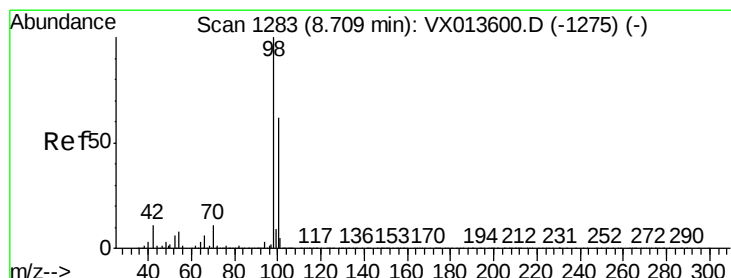
Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



Time--> 7.60 7.70 7.80



#50

Toluene-d8

Concen: 46.374 ug/l

RT: 8.71 min Scan# 1283

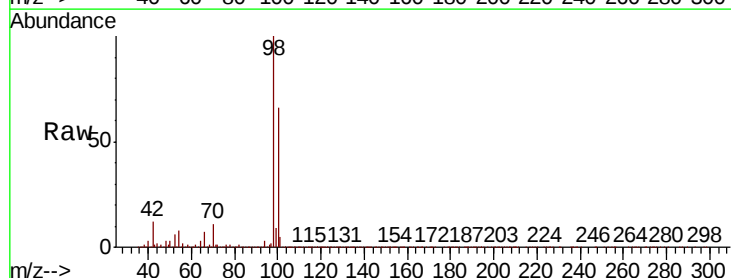
Delta R.T. -0.00 min

Lab File: VX013810.D

Acq: 06 Dec 2019 19:22

Tgt Ion: 98 Resp: 1010444

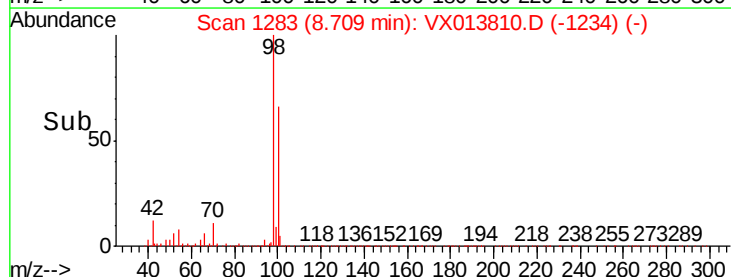
Ion	Ratio	Lower	Upper
98	100		
100	66.8	53.1	79.7



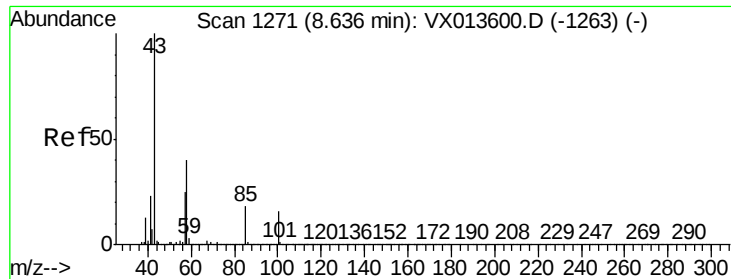
Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



Time--> 8.60 8.70 8.80



#51

4-Methyl-2-Pentanone

Concen: 258.997 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX013810.D

Acq: 06 Dec 2019 19:22

Instrument :

MSVOA_X

ClientSampleId :

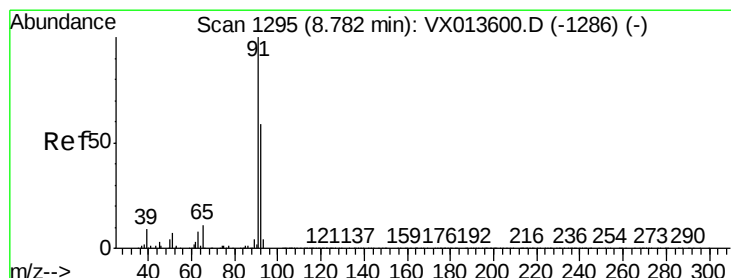
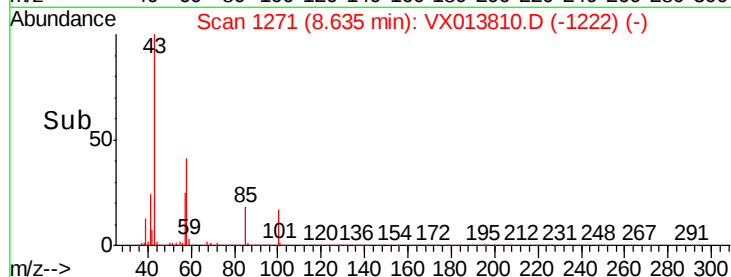
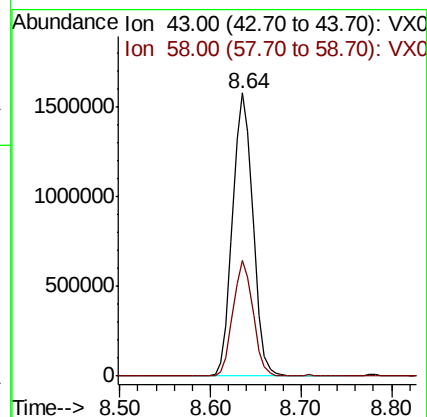
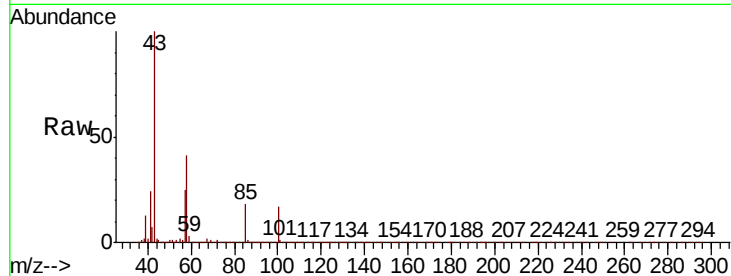
VSTDCCC050EC

Tot Ion: 43 Resp: 2470841

Ion Ratio Lower Upper

43 100

58 39.9 32.1 48.1



#52

Toluene

Concen: 48.999 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. -0.00 min

Lab File: VX013810.D

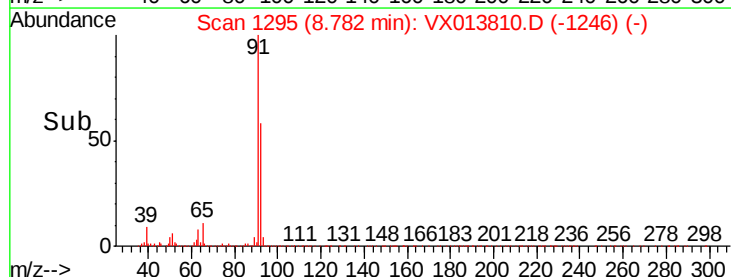
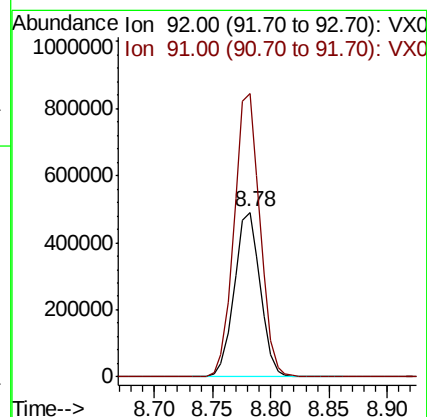
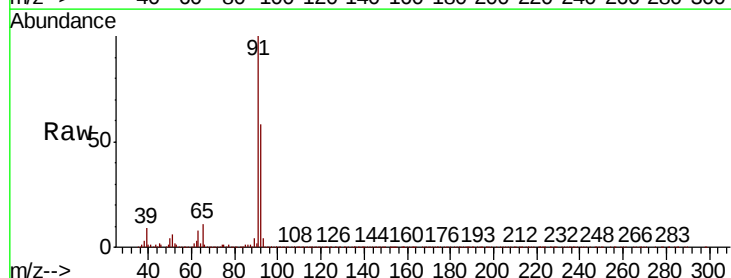
Acq: 06 Dec 2019 19:22

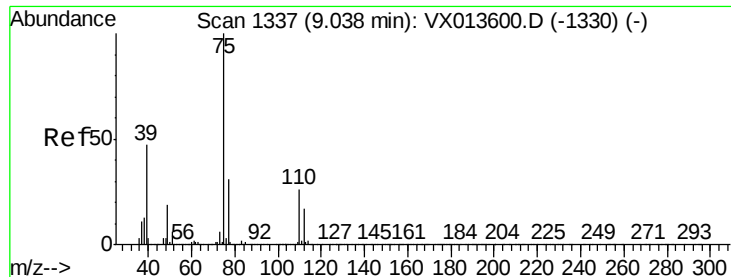
Tgt Ion: 92 Resp: 761315

Ion Ratio Lower Upper

92 100

91 171.3 136.2 204.2

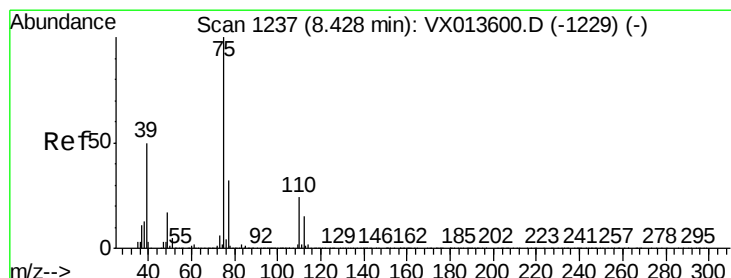
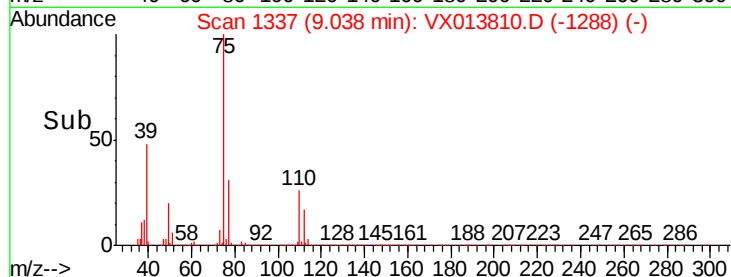
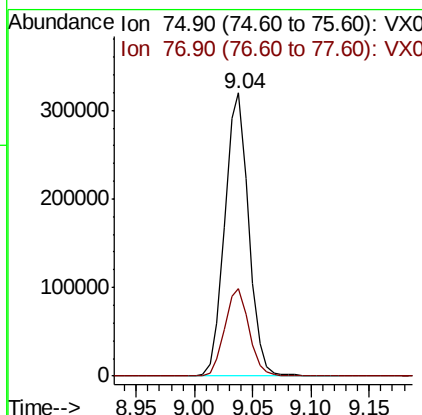
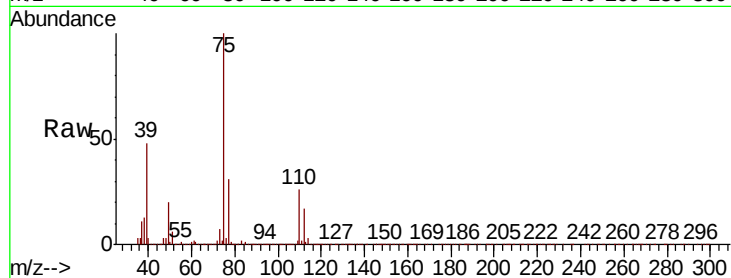




#53
t-1,3-Dichloropropene
Concen: 49.470 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. -0.00 min
Lab File: VX013810.D
Acq: 06 Dec 2019 19:22

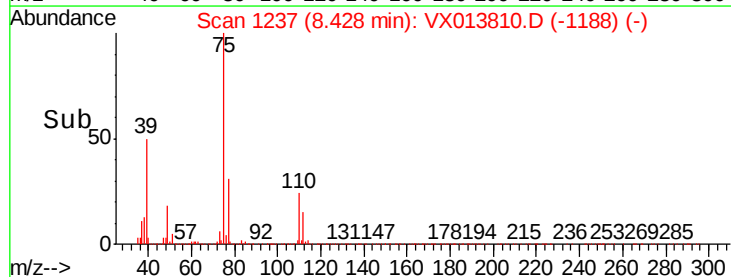
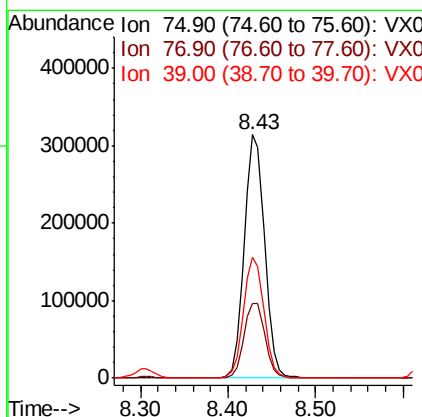
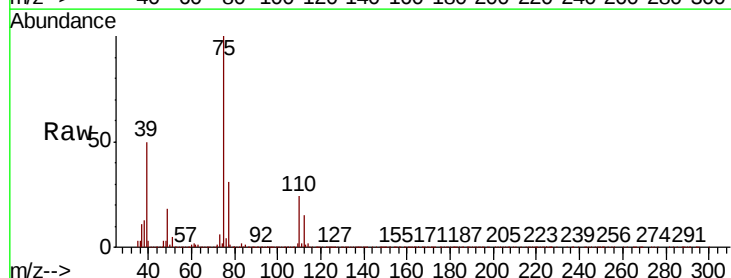
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

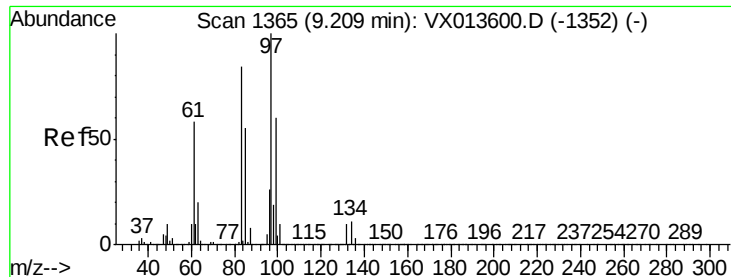
Tot Ion: 75 Resp: 452410
Ion Ratio Lower Upper
75 100
77 31.0 24.4 36.6



#54
cis-1,3-Dichloropropene
Concen: 50.717 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX013810.D
Acq: 06 Dec 2019 19:22

Tgt Ion: 75 Resp: 506718
Ion Ratio Lower Upper
75 100
77 30.6 25.8 38.6
39 49.7 39.9 59.9





#55

1,1,2-Trichloroethane

Concen: 50.864 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. -0.00 min

Lab File: VX013810.D

Acq: 06 Dec 2019 19:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 97 Resp: 318473

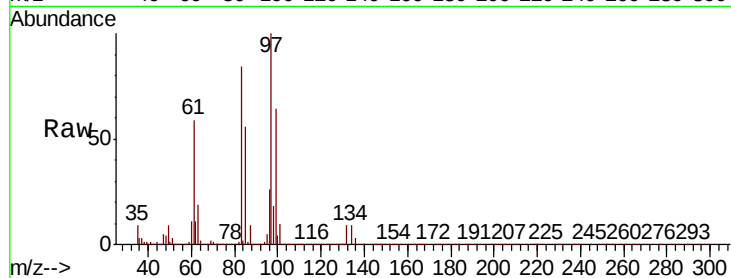
Ion Ratio Lower Upper

97 100

83 84.5 67.3 100.9

85 55.5 43.6 65.4

99 64.3 48.2 72.4

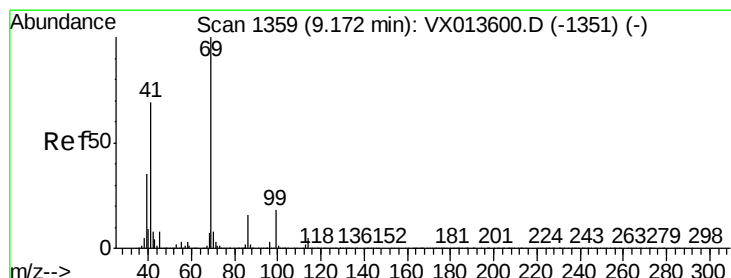
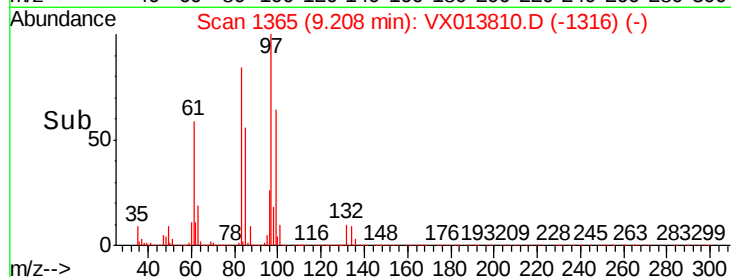
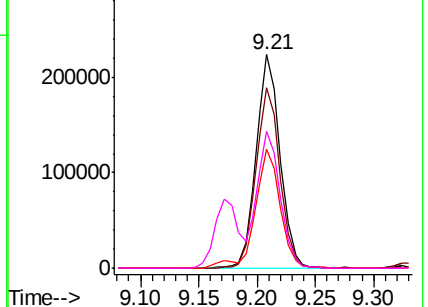


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 52.154 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. -0.00 min

Lab File: VX013810.D

Acq: 06 Dec 2019 19:22

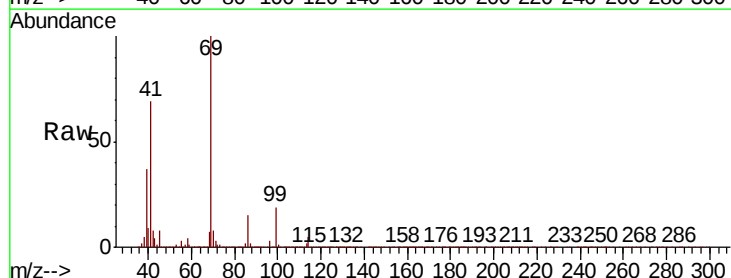
Tgt Ion: 69 Resp: 525009

Ion Ratio Lower Upper

69 100

41 67.9 55.0 82.4

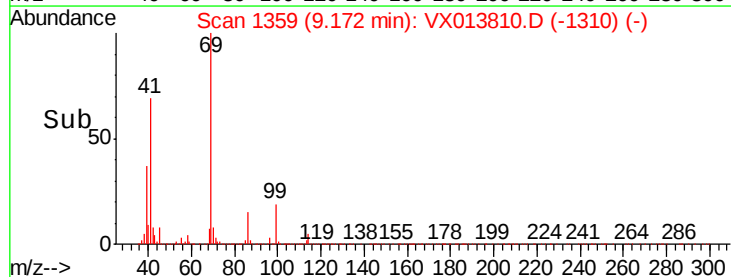
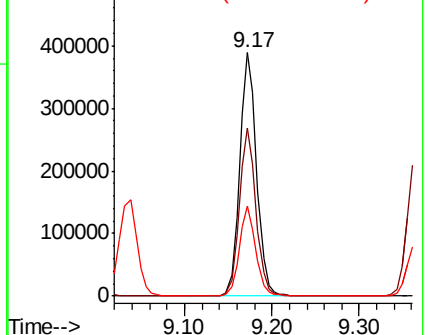
39 35.8 28.7 43.1

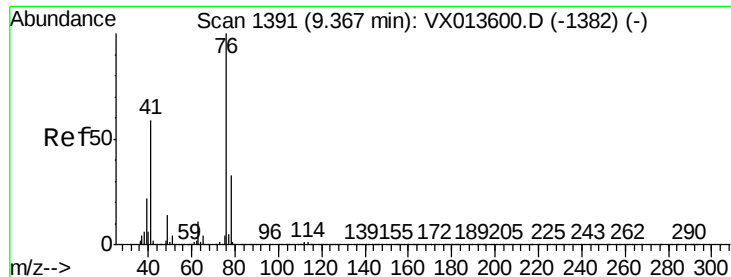


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 49.826 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX013810.D

Acq: 06 Dec 2019 19:22

Instrument :

MSVOA_X

ClientSampleId :

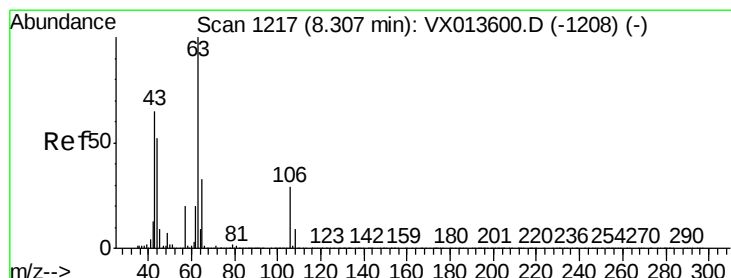
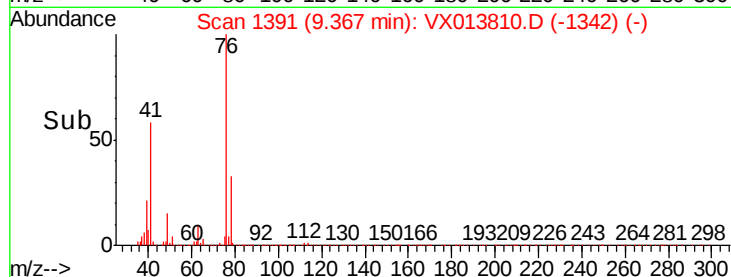
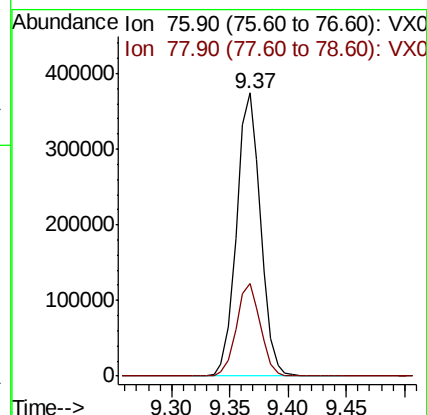
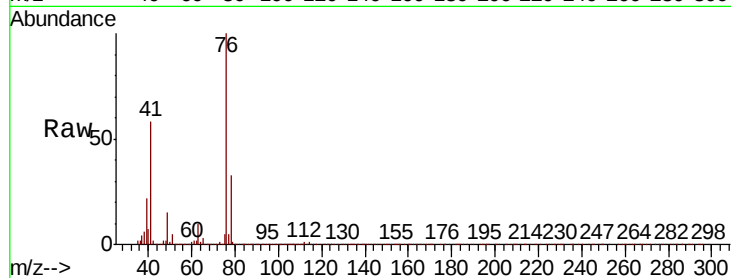
VSTDCCC050EC

Tot Ion: 76 Resp: 537746

Ion Ratio Lower Upper

76 100

78 32.5 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 244.867 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. -0.00 min

Lab File: VX013810.D

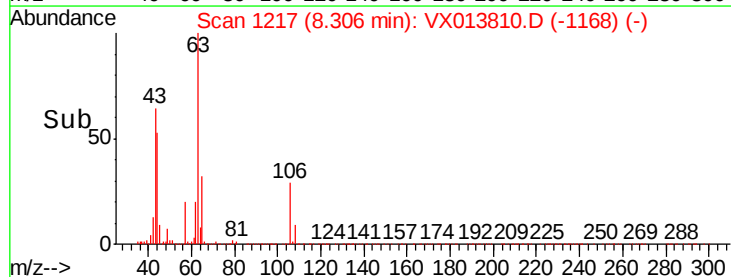
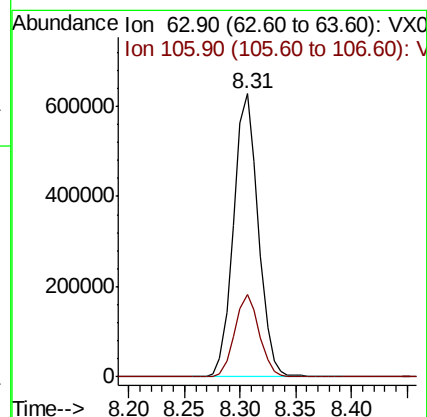
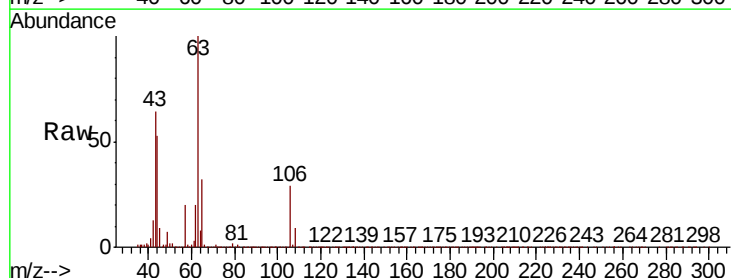
Acq: 06 Dec 2019 19:22

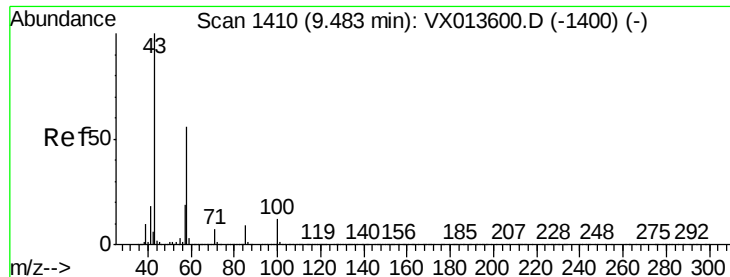
Tgt Ion: 63 Resp: 966452

Ion Ratio Lower Upper

63 100

106 28.9 23.4 35.0

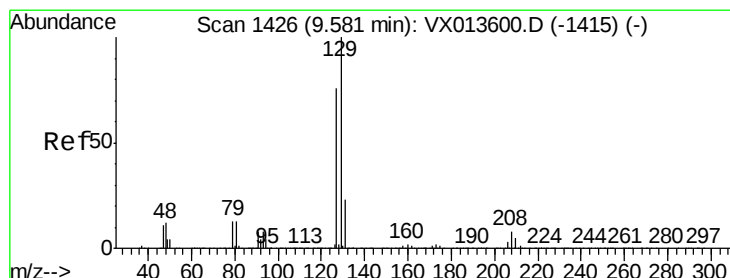
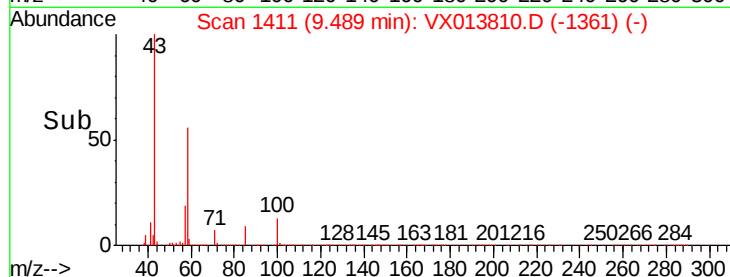
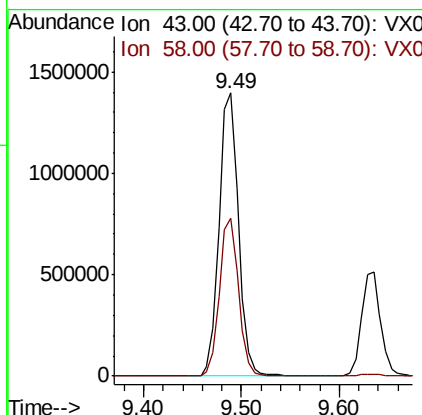
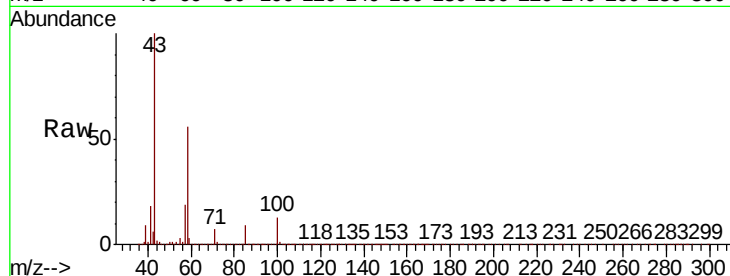




#59
2-Hexanone
Concen: 257.108 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.01 min
Lab File: VX013810.D
Acq: 06 Dec 2019 19:22

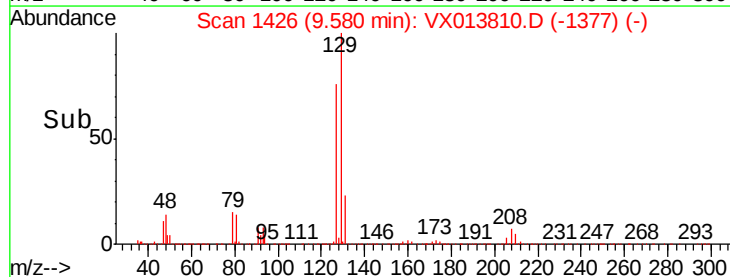
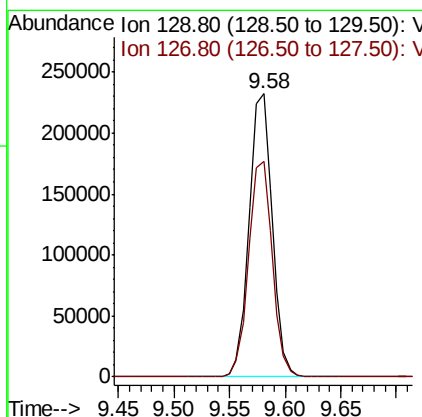
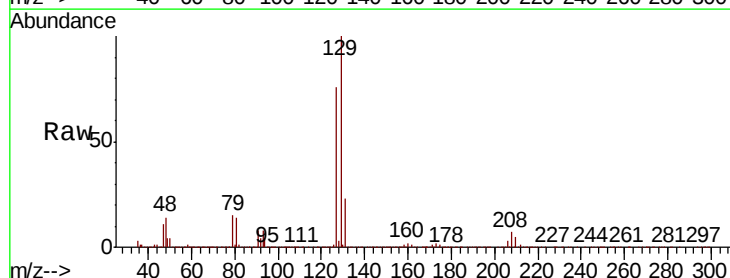
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

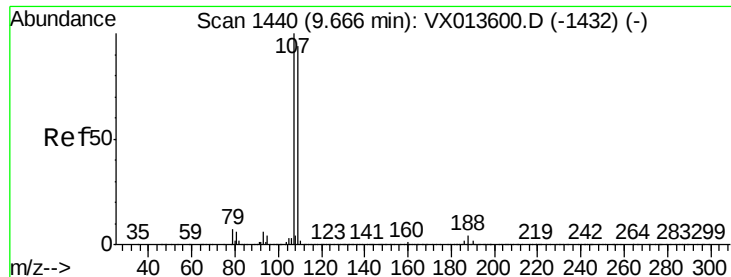
Tot Ion: 43 Resp: 1913020
Ion Ratio Lower Upper
43 100
58 55.4 28.1 84.4



#60
Dibromochloromethane
Concen: 51.847 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. -0.00 min
Lab File: VX013810.D
Acq: 06 Dec 2019 19:22

Tgt Ion: 129 Resp: 336895
Ion Ratio Lower Upper
129 100
127 78.2 38.5 115.5





#61

1,2-Dibromoethane

Concen: 49.848 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX013810.D

Acq: 06 Dec 2019 19:22

Instrument :

MSVOA_X

ClientSampleId :

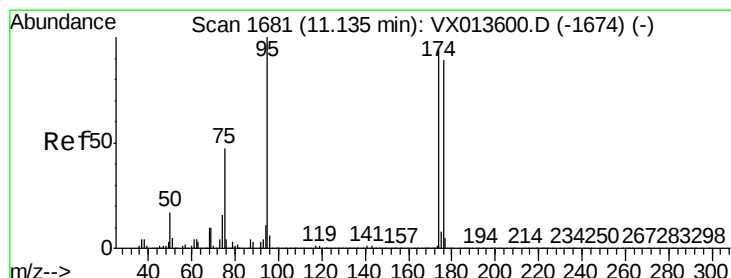
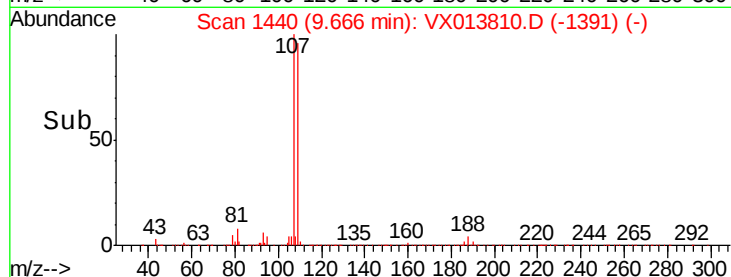
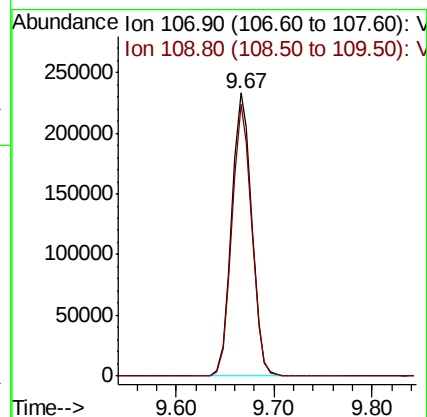
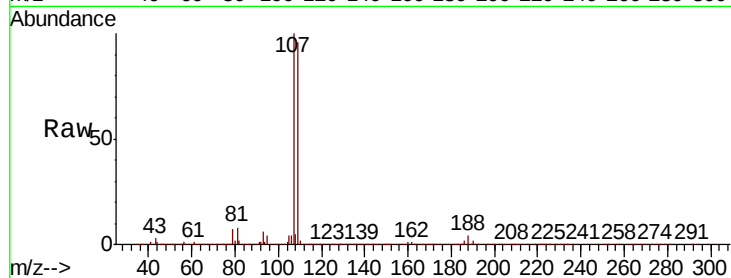
VSTDCCC050EC

Tot Ion:107 Resp: 333347

Ion Ratio Lower Upper

107 100

109 94.0 76.1 114.1



#62

4-Bromofluorobenzene

Concen: 47.265 ug/l

RT: 11.13 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX013810.D

Acq: 06 Dec 2019 19:22

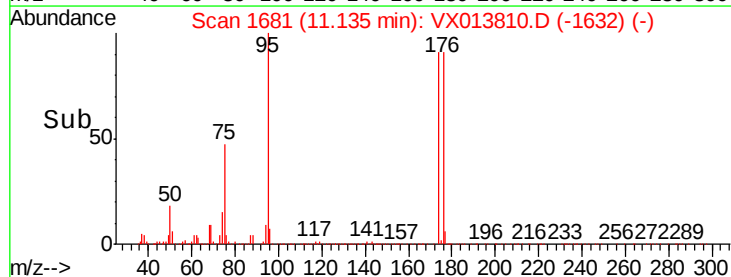
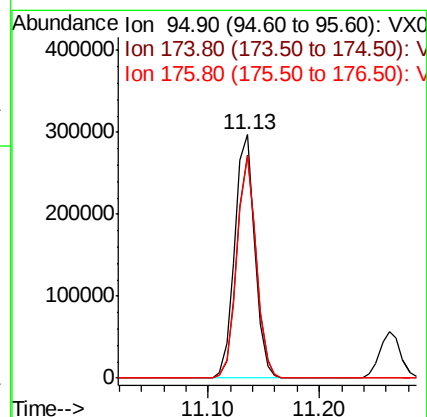
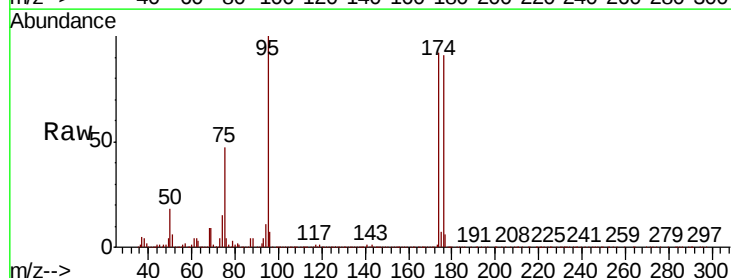
Tgt Ion: 95 Resp: 371368

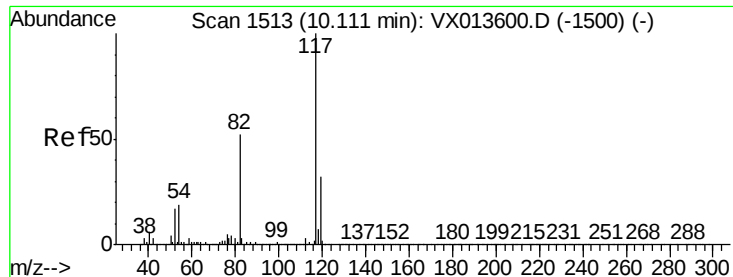
Ion Ratio Lower Upper

95 100

174 88.3 0.0 180.0

176 87.9 0.0 173.6

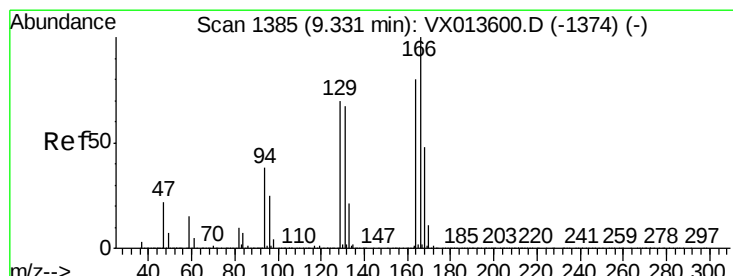
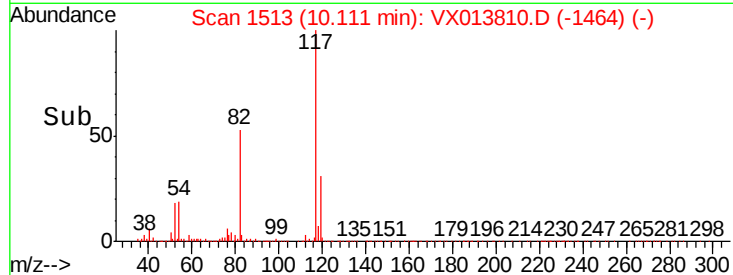
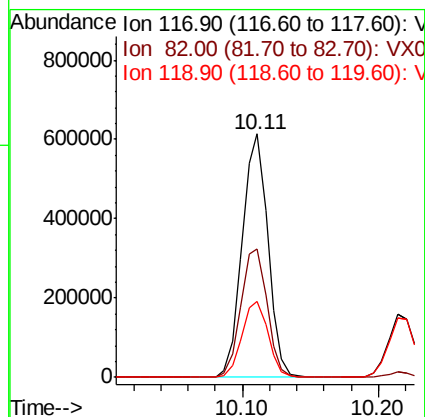
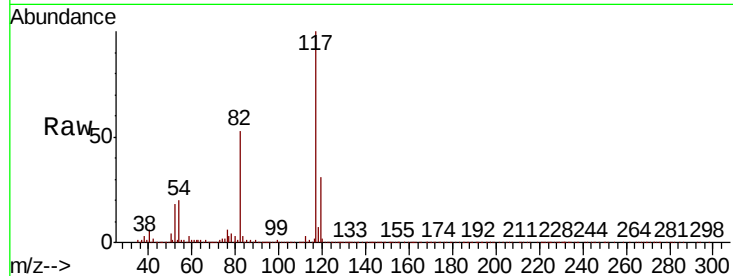




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013810.D
Acq: 06 Dec 2019 19:22

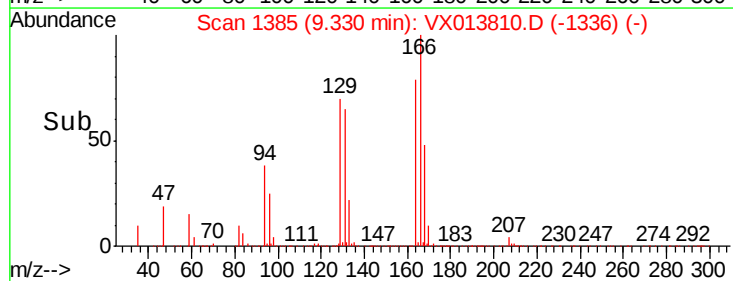
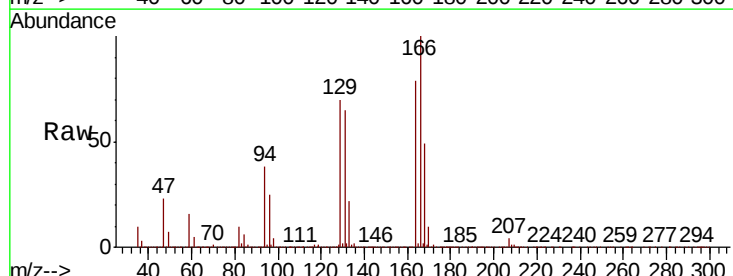
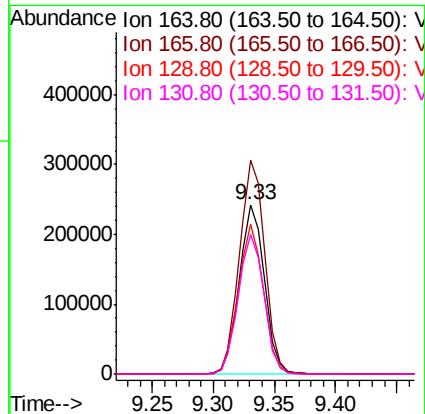
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

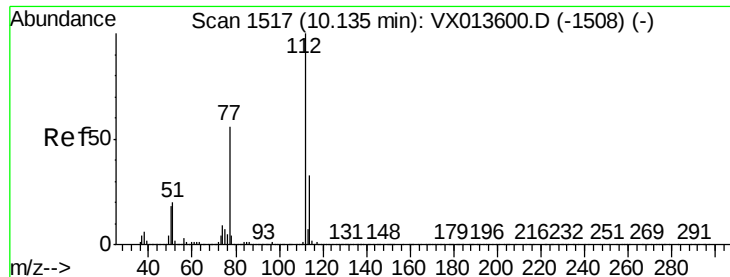
Tot Ion	Ratio	Lower	Upper
117	100		
82	52.8	41.8	62.8
119	31.4	25.8	38.8



#64
Tetrachloroethene
Concen: 56.856 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX013810.D
Acq: 06 Dec 2019 19:22

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.0	99.7	149.5
129	88.1	70.1	105.1
131	82.3	66.9	100.3





#65

Chlorobenzene

Concen: 48.524 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. -0.00 min

Lab File: VX013810.D

Acq: 06 Dec 2019 19:22

Instrument :

MSVOA_X

ClientSampleId :

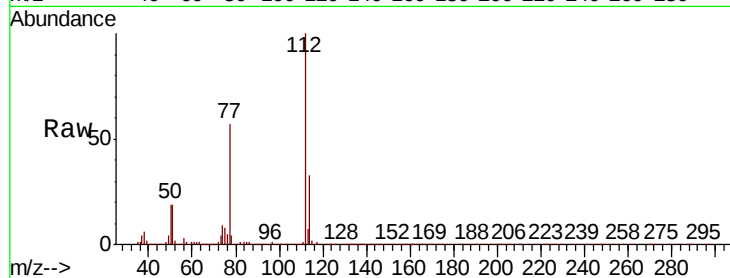
VSTDCCC050EC

Tot Ion:112 Resp: 816944

Ion Ratio Lower Upper

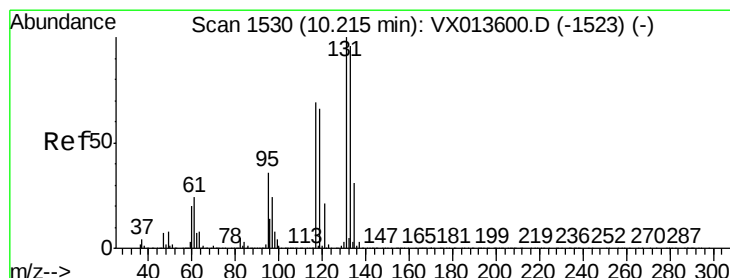
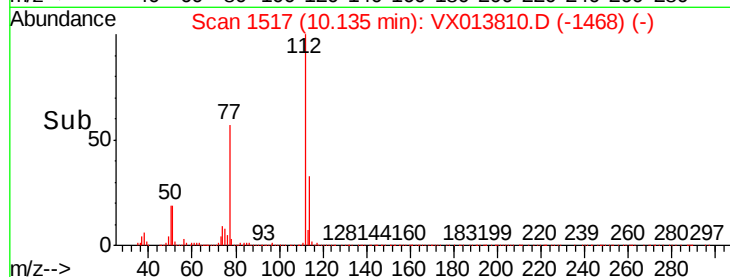
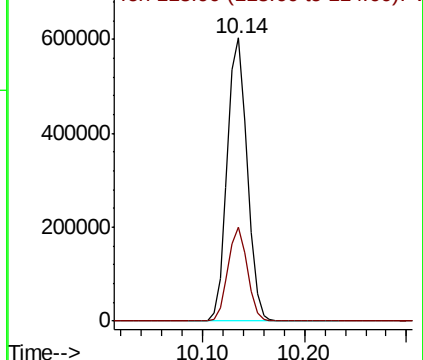
112 100

114 33.0 26.1 39.1



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 51.341 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX013810.D

Acq: 06 Dec 2019 19:22

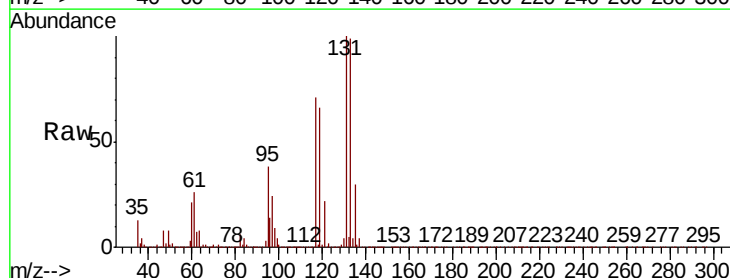
Tgt Ion:131 Resp: 310383

Ion Ratio Lower Upper

131 100

133 95.3 47.7 143.1

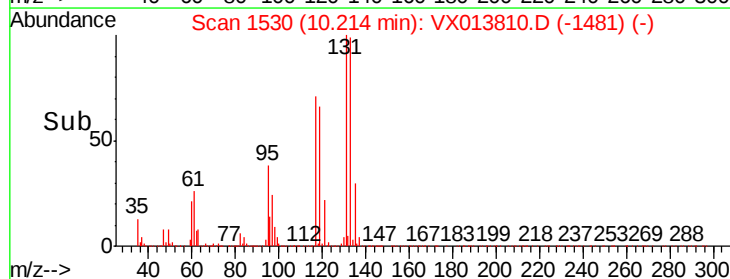
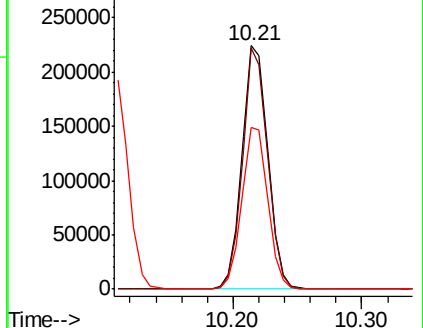
119 66.4 32.9 98.6

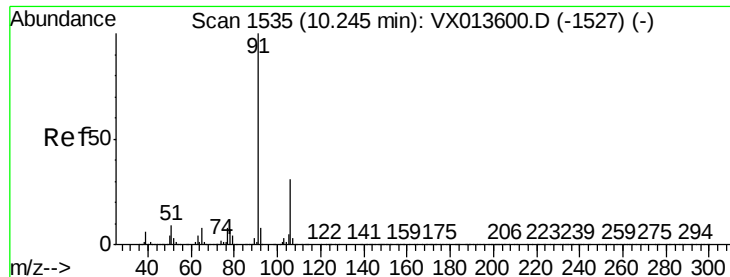


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 49.997 ug/l

RT: 10.24 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX013810.D

Acq: 06 Dec 2019 19:22

Instrument :

MSVOA_X

ClientSampleId :

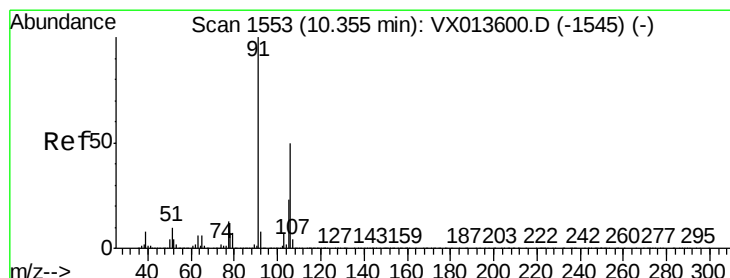
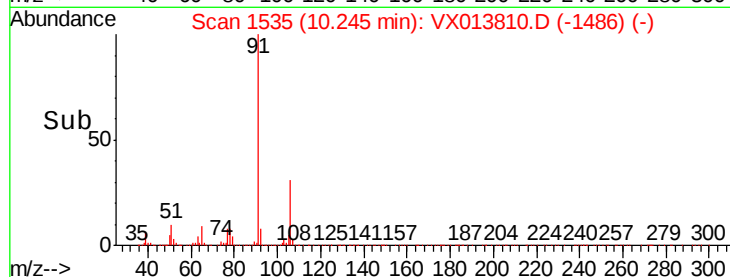
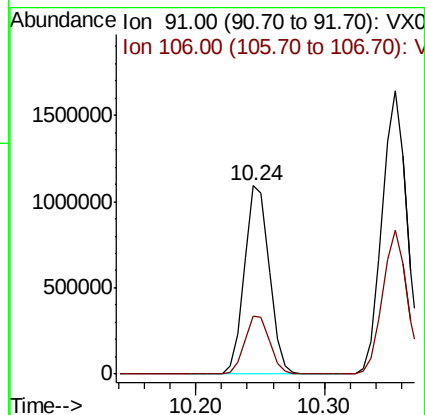
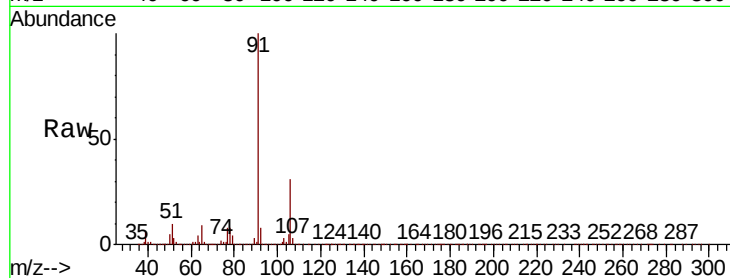
VSTDCCC050EC

Tot Ion: 91 Resp: 1446425

Ion Ratio Lower Upper

91 100

106 31.0 24.5 36.7



#68

m/p-Xylenes

Concen: 99.032 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX013810.D

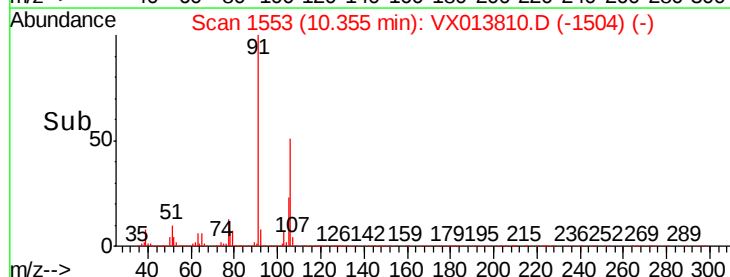
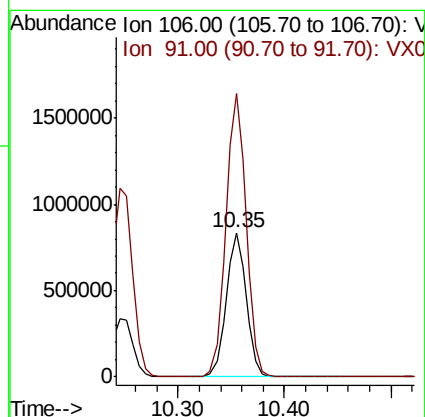
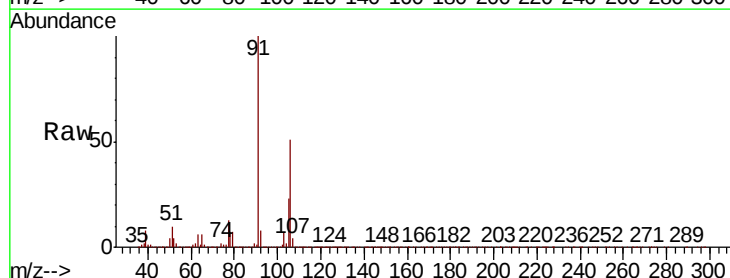
Acq: 06 Dec 2019 19:22

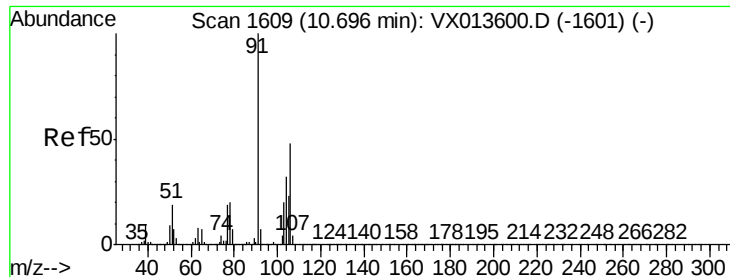
Tgt Ion: 106 Resp: 1096893

Ion Ratio Lower Upper

106 100

91 198.2 159.0 238.4

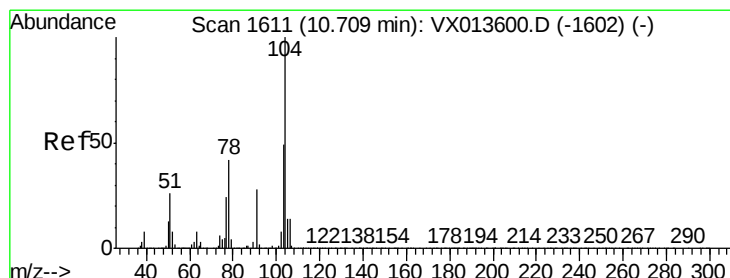
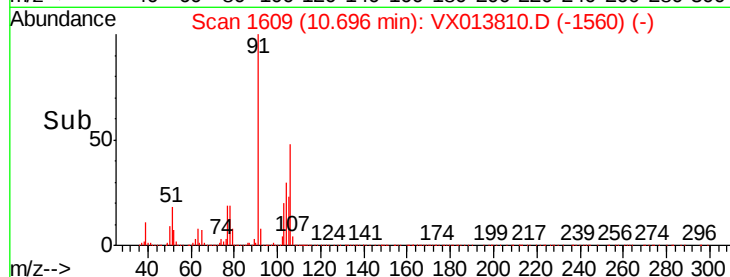
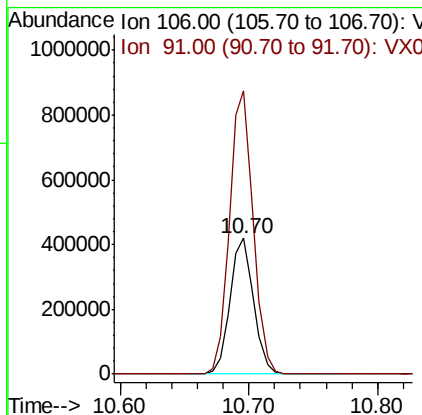
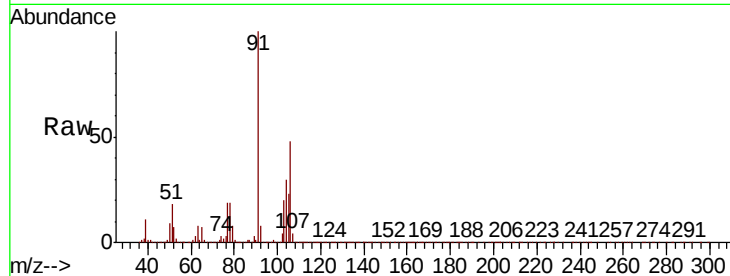




#69
o-Xylene
Concen: 49.537 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX013810.D
Acq: 06 Dec 2019 19:22

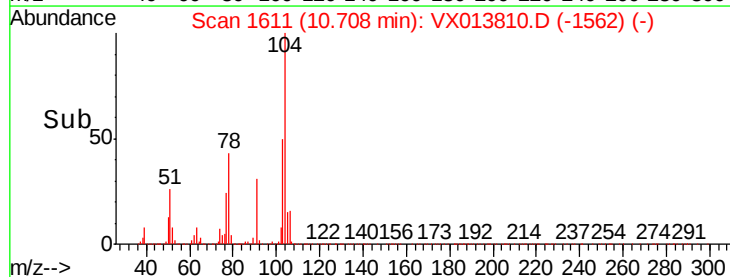
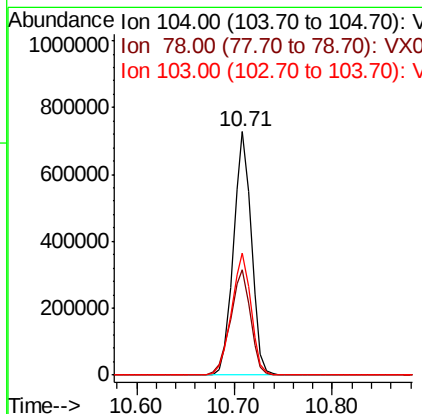
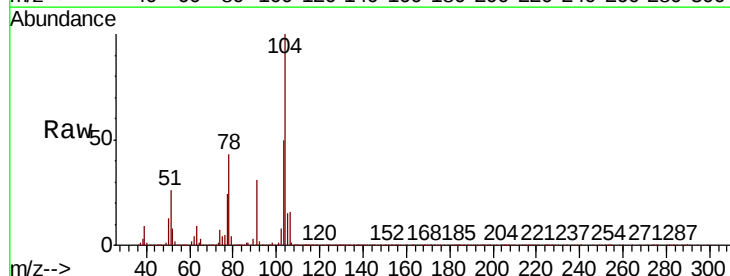
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

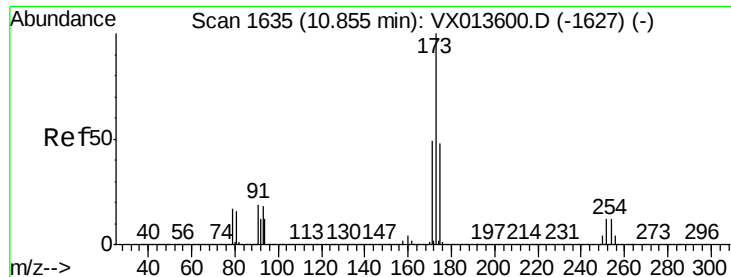
Tot Ion:106 Resp: 535127
Ion Ratio Lower Upper
106 100
91 210.1 104.1 312.2



#70
Styrene
Concen: 50.917 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX013810.D
Acq: 06 Dec 2019 19:22

Tgt Ion:104 Resp: 925244
Ion Ratio Lower Upper
104 100
78 48.2 38.5 57.7
103 54.5 43.7 65.5





#71

Bromoform

Concen: 52.849 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX013810.D

Acq: 06 Dec 2019 19:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

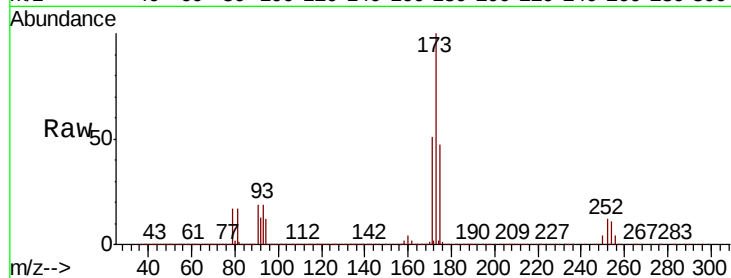
Tot Ion:173 Resp: 264359

Ion Ratio Lower Upper

173 100

175 48.5 24.3 72.8

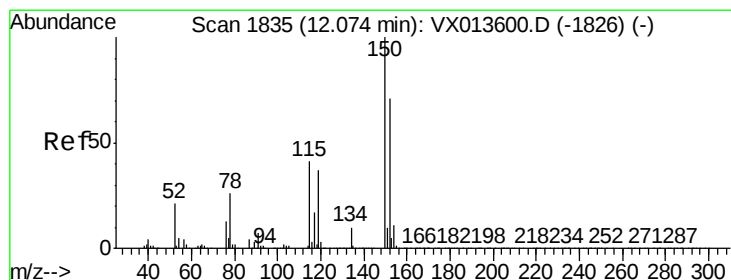
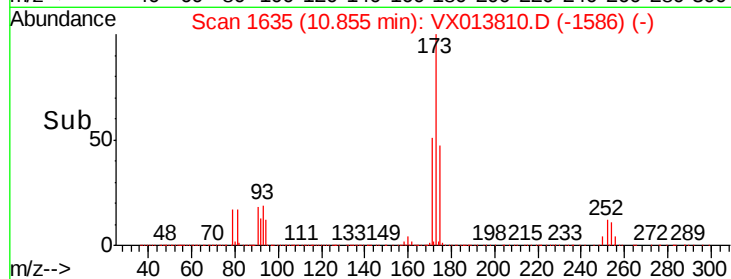
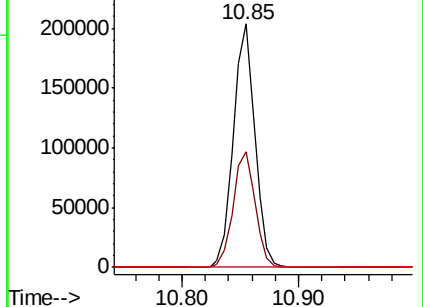
254 0.2 0.2 0.4#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX013810.D

Acq: 06 Dec 2019 19:22

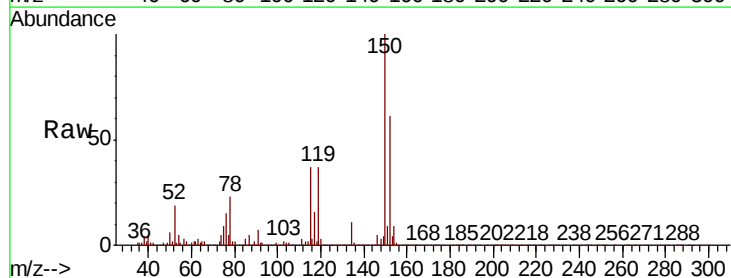
Tgt Ion:152 Resp: 399754

Ion Ratio Lower Upper

152 100

115 78.7 38.4 115.1

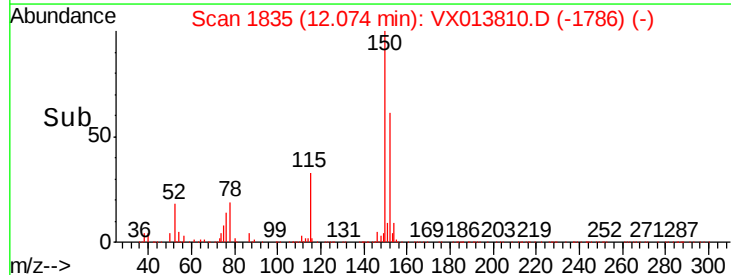
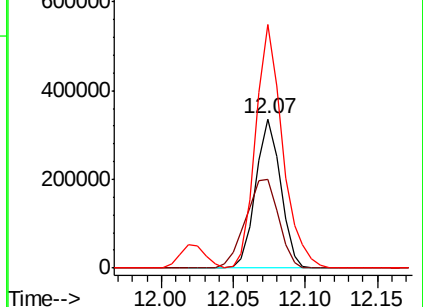
150 176.3 0.0 346.8

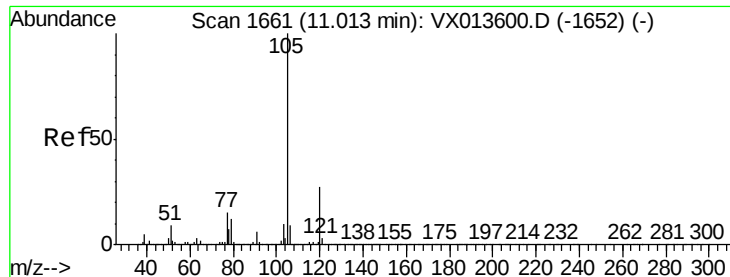


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.510 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX013810.D

Acq: 06 Dec 2019 19:22

Instrument :

MSVOA_X

ClientSampleId :

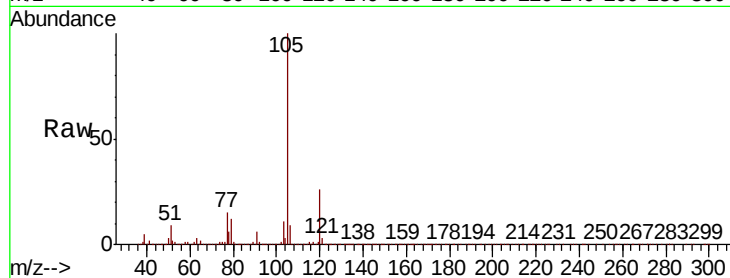
VSTDCCC050EC

Tot Ion:105 Resp: 1416365

Ion Ratio Lower Upper

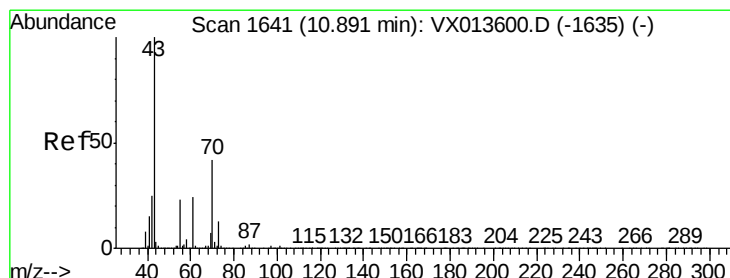
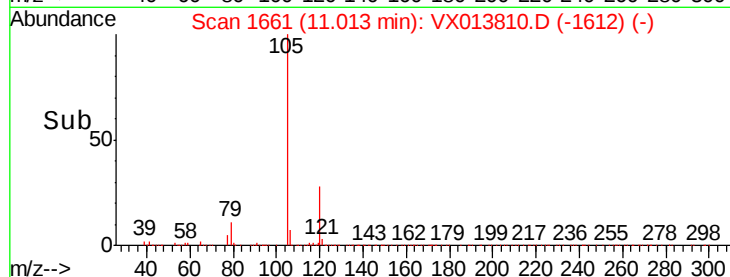
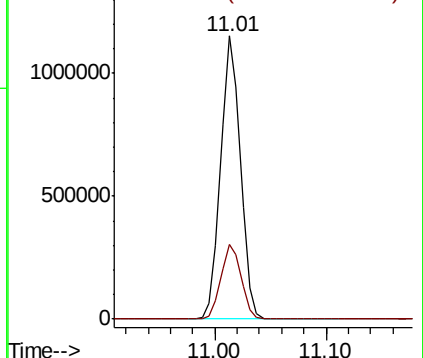
105 100

120 26.9 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 53.469 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX013810.D

Acq: 06 Dec 2019 19:22

Tgt Ion: 43 Resp: 686826

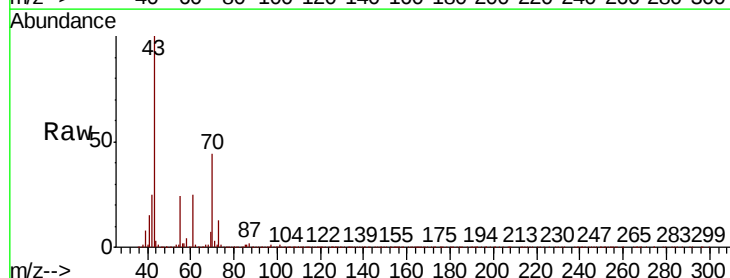
Ion Ratio Lower Upper

43 100

70 43.5 34.3 51.5

55 23.6 18.5 27.7

61 24.9 19.8 29.8

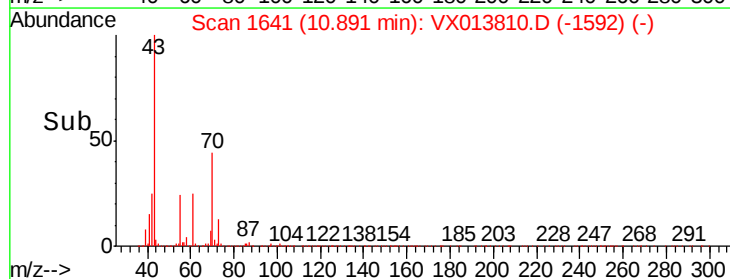
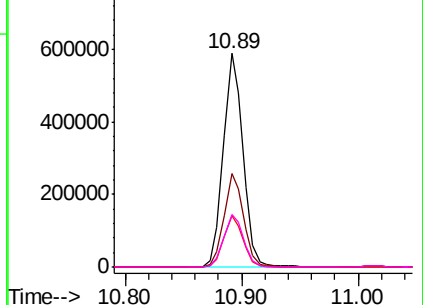


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 52.241 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX013810.D

Acq: 06 Dec 2019 19:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

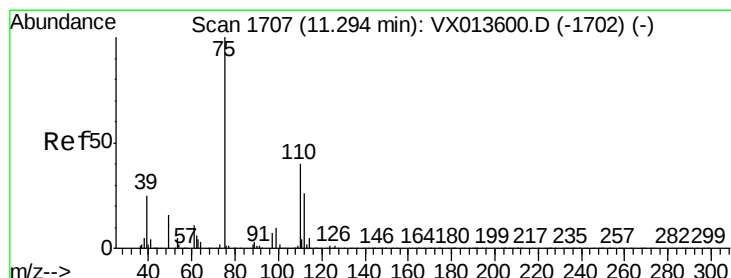
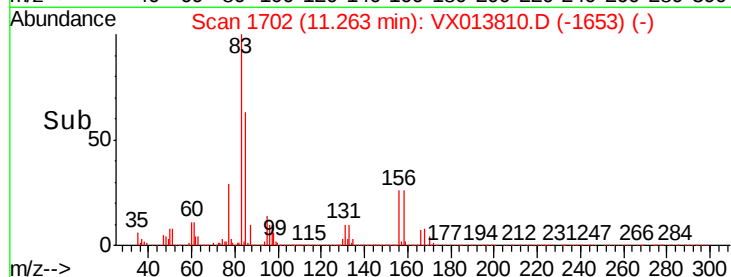
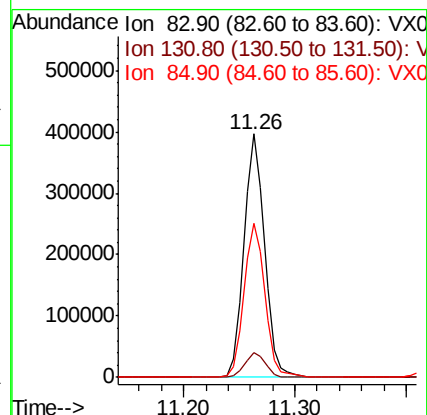
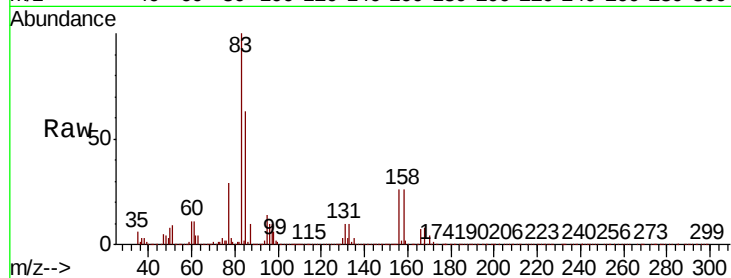
Tot Ion: 83 Resp: 508019

Ion Ratio Lower Upper

83 100

131 10.1 5.1 15.3

85 64.2 31.8 95.3



#76

1,2,3-Trichloropropane

Concen: 63.083 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX013810.D

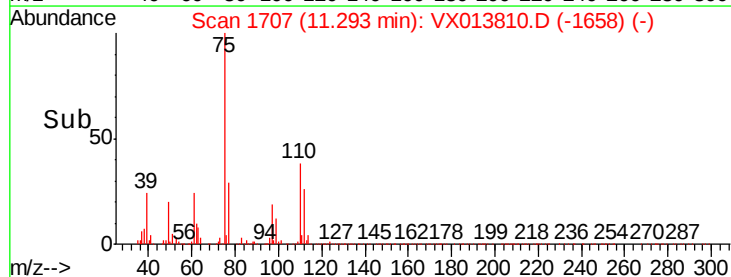
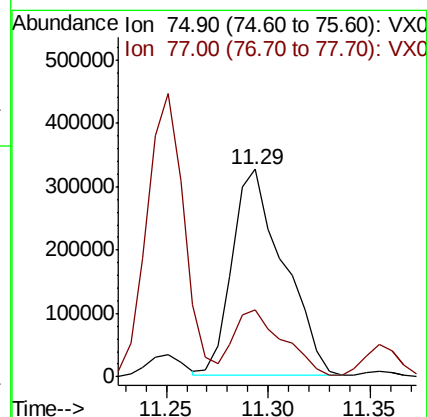
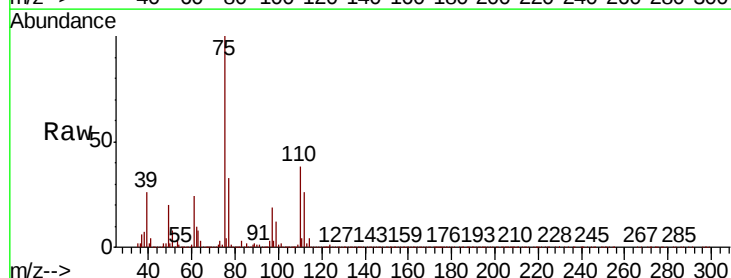
Acq: 06 Dec 2019 19:22

Tgt Ion: 75 Resp: 567189

Ion Ratio Lower Upper

75 100

77 31.7 19.1 57.5





#77

Bromobenzene

Concen: 48.856 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX013810.D

Acq: 06 Dec 2019 19:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

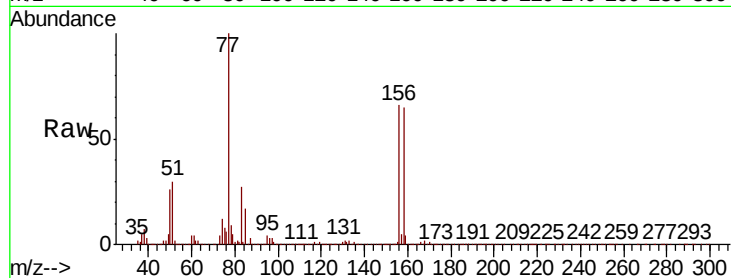
Tot Ion:156 Resp: 370107

Ion Ratio Lower Upper

156 100

77 153.1 74.4 223.1

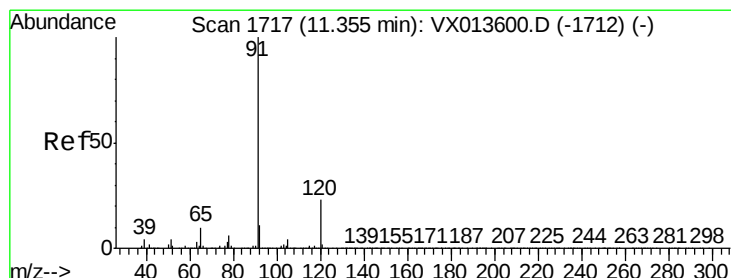
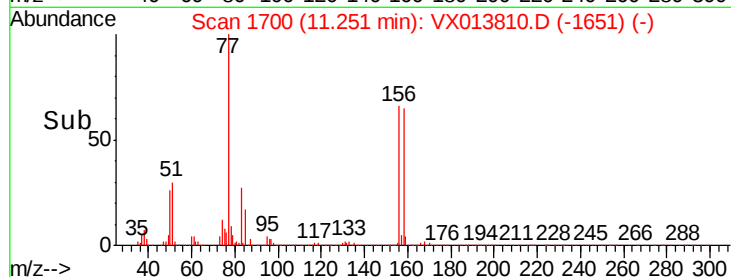
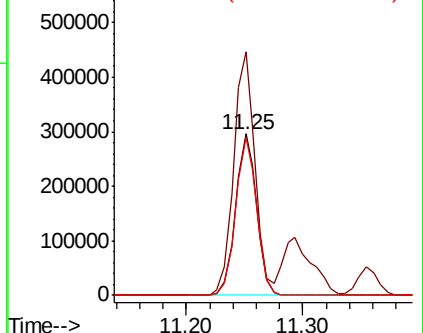
158 97.7 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.644 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX013810.D

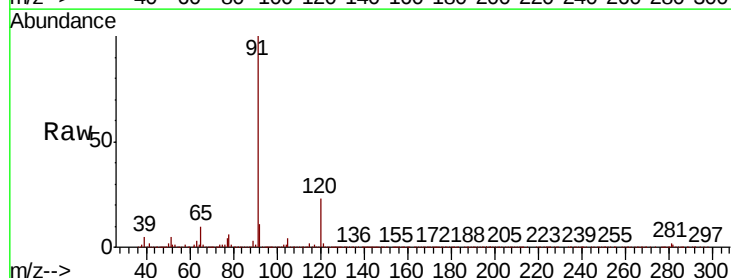
Acq: 06 Dec 2019 19:22

Tgt Ion: 91 Resp: 1585293

Ion Ratio Lower Upper

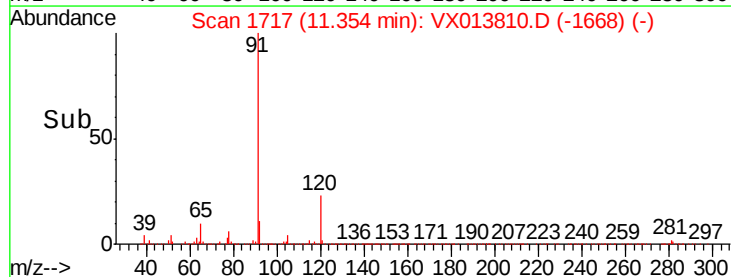
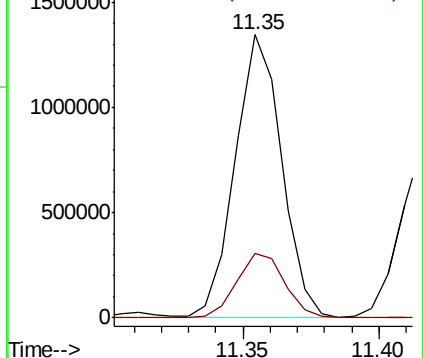
91 100

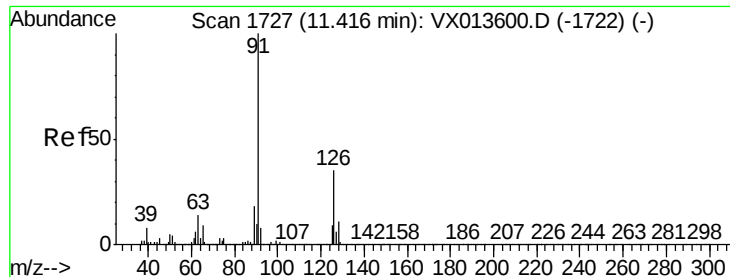
120 23.5 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 51.150 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX013810.D

Acq: 06 Dec 2019 19:22

Instrument :

MSVOA_X

ClientSampleId :

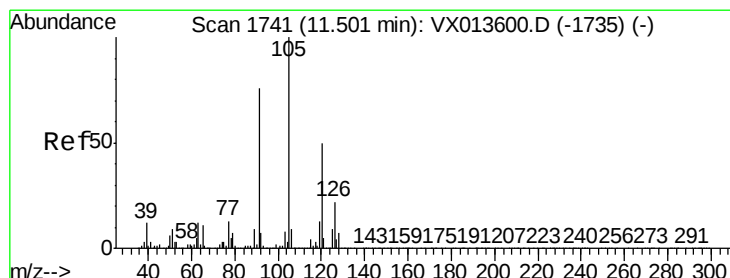
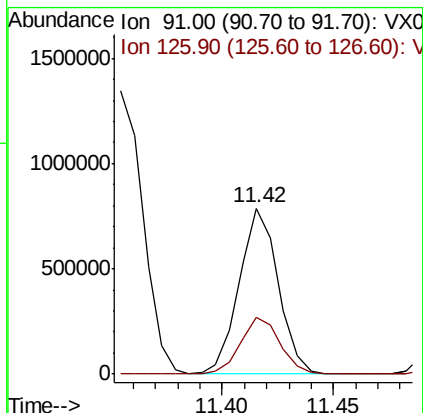
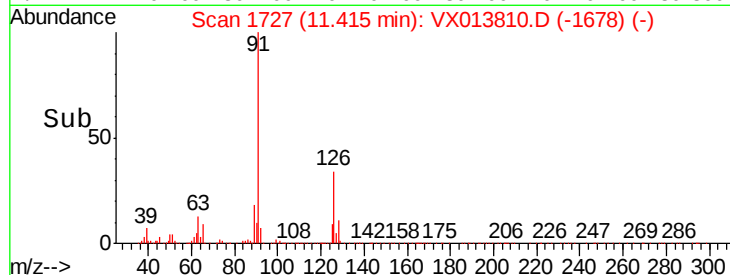
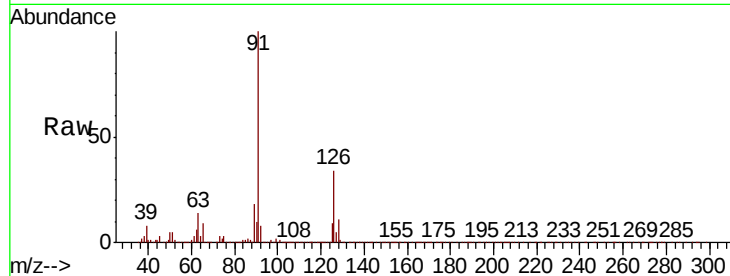
VSTDCCC050EC

Tot Ion: 91 Resp: 960478

Ion Ratio Lower Upper

91 100

126 34.8 17.5 52.5



#80

1,3,5-Trimethylbenzene

Concen: 51.224 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX013810.D

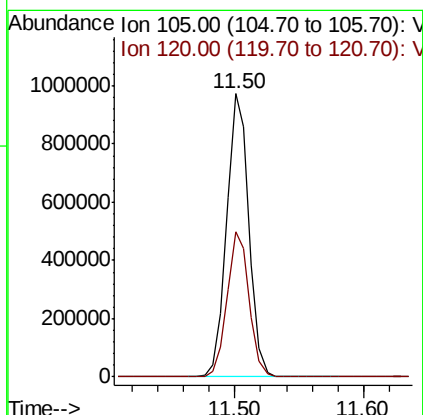
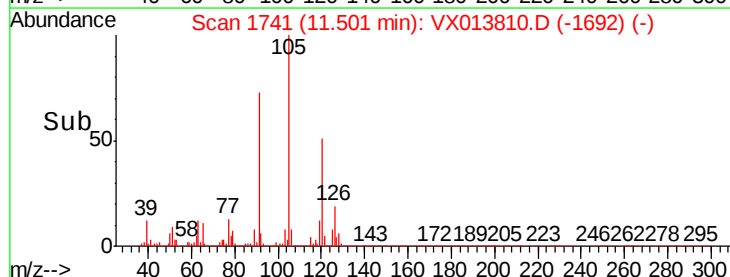
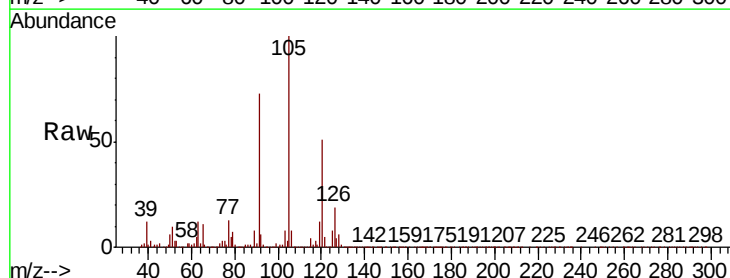
Acq: 06 Dec 2019 19:22

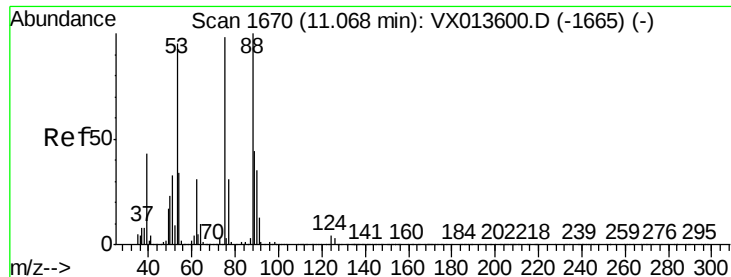
Tgt Ion: 105 Resp: 1177240

Ion Ratio Lower Upper

105 100

120 50.8 25.3 75.9





#81

trans-1,4-Dichloro-2-butene

Concen: 49.387 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX013810.D

Acq: 06 Dec 2019 19:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

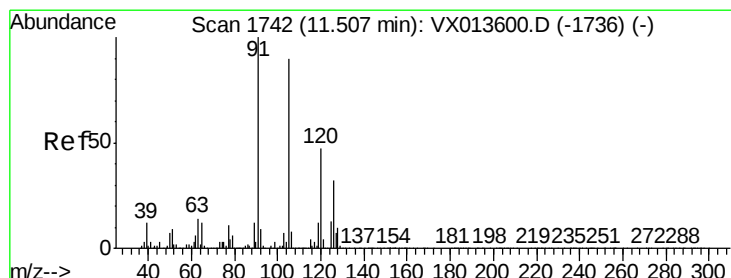
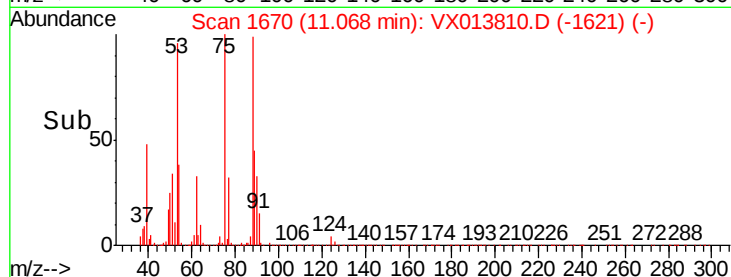
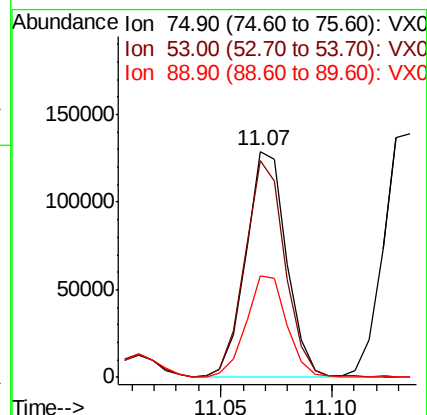
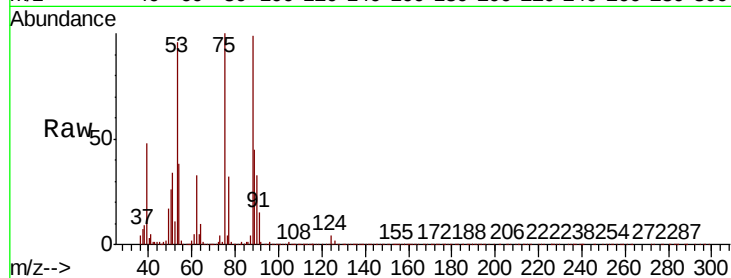
Tot Ion: 75 Resp: 162310

Ion Ratio Lower Upper

75 100

53 95.5 78.2 117.2

89 45.3 35.4 53.2



#82

4-Chlorotoluene

Concen: 50.479 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX013810.D

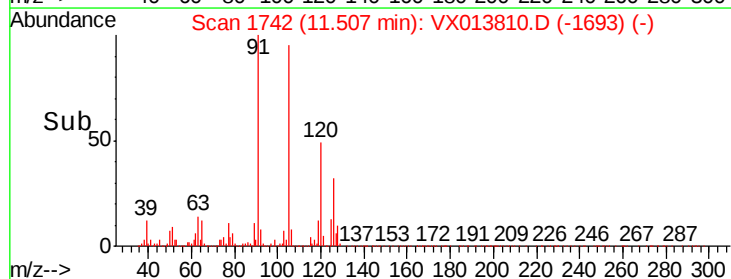
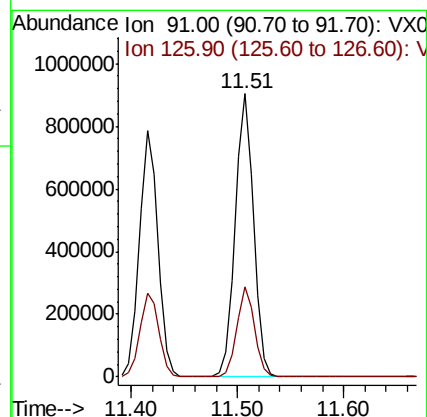
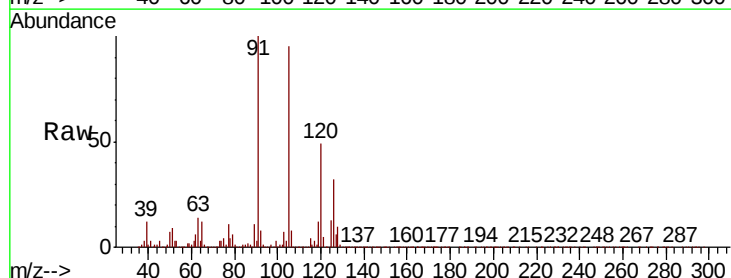
Acq: 06 Dec 2019 19:22

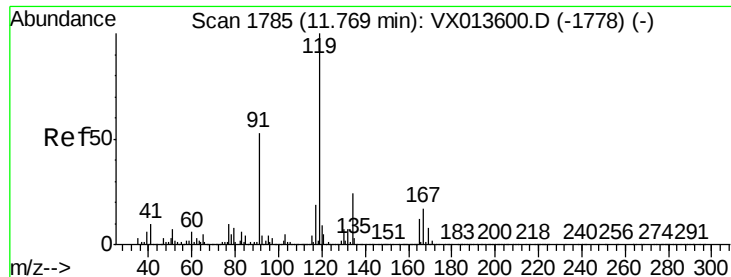
Tgt Ion: 91 Resp: 1097853

Ion Ratio Lower Upper

91 100

126 30.5 15.7 47.0

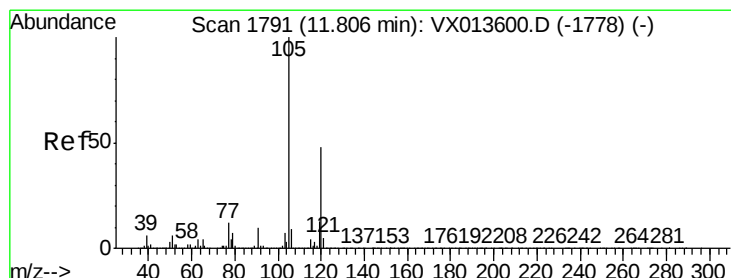
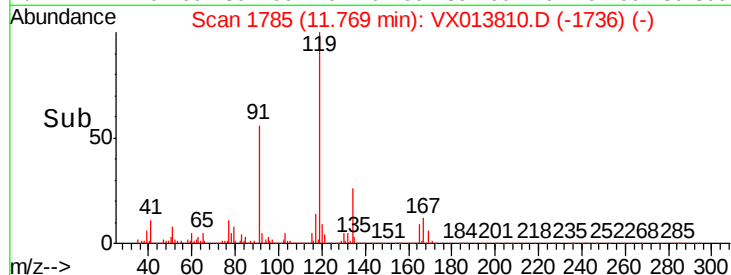
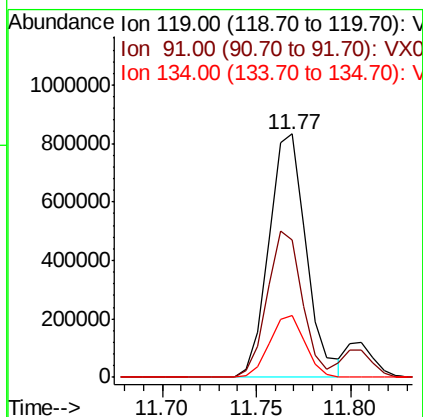
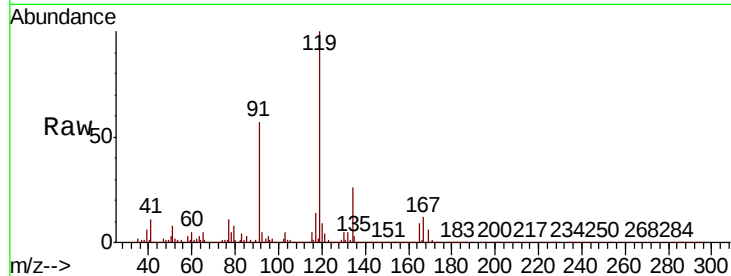




#83
tert-Butylbenzene
Concen: 49.014 ug/l
RT: 11.77 min Scan# 1785
Delta R.T. -0.00 min
Lab File: VX013810.D
Acq: 06 Dec 2019 19:22

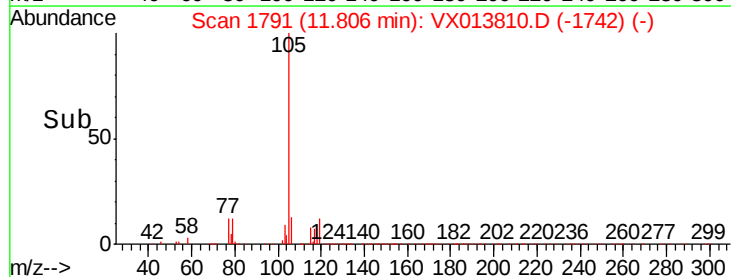
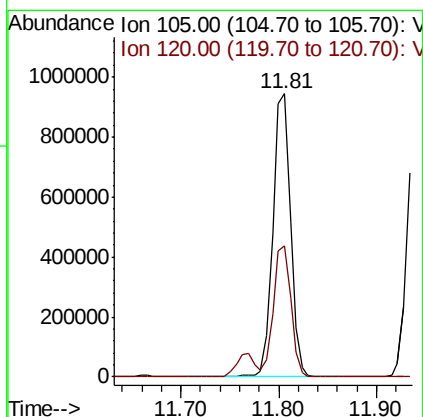
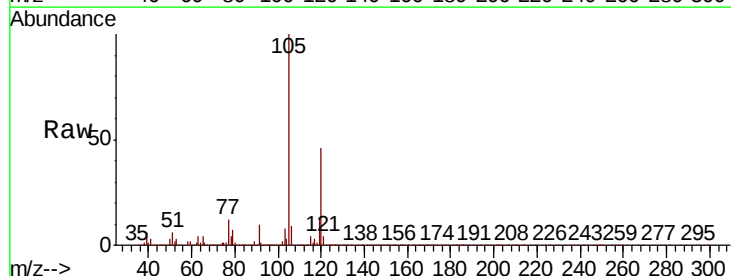
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

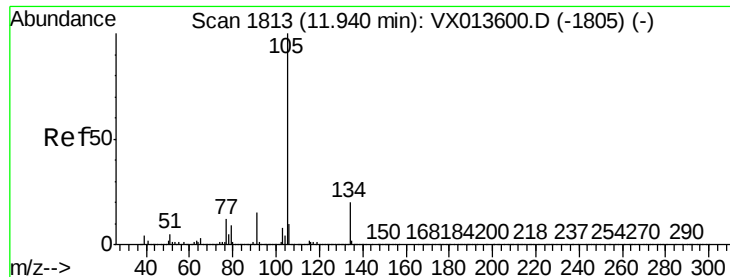
Tot Ion:119 Resp: 1144802
Ion Ratio Lower Upper
119 100
91 56.2 27.2 81.6
134 24.2 11.7 35.1



#84
1,2,4-Trimethylbenzene
Concen: 50.688 ug/l
RT: 11.81 min Scan# 1791
Delta R.T. -0.00 min
Lab File: VX013810.D
Acq: 06 Dec 2019 19:22

Tgt Ion:105 Resp: 1182295
Ion Ratio Lower Upper
105 100
120 46.2 23.1 69.3





#85

sec-Butylbenzene

Concen: 51.172 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX013810.D

Acq: 06 Dec 2019 19:22

Instrument :

MSVOA_X

ClientSampleId :

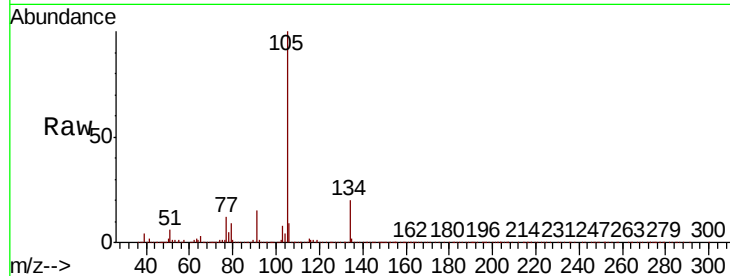
VSTDCCC050EC

Tot Ion:105 Resp: 1365201

Ion Ratio Lower Upper

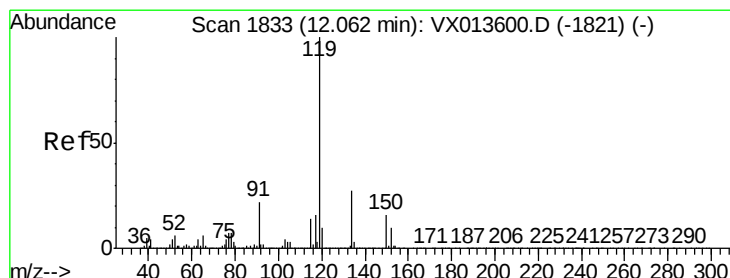
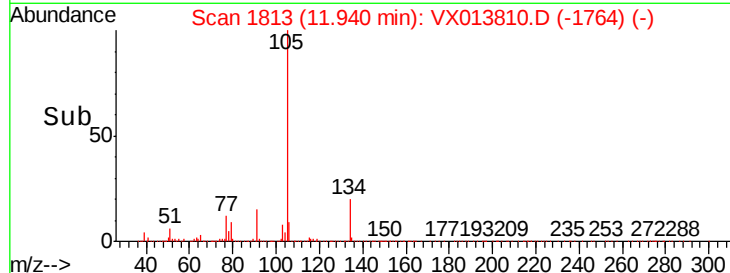
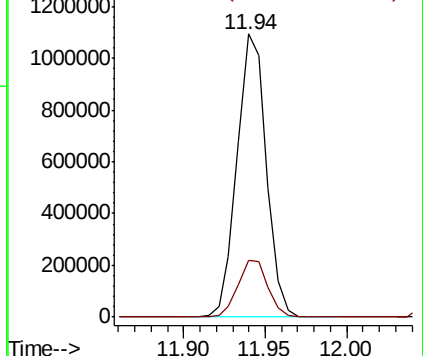
105 100

134 20.6 10.4 31.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 50.469 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX013810.D

Acq: 06 Dec 2019 19:22

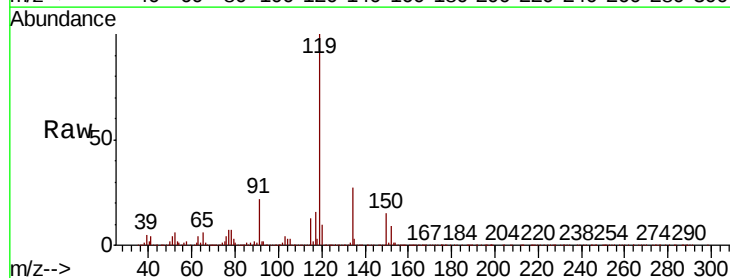
Tgt Ion:119 Resp: 1252585

Ion Ratio Lower Upper

119 100

134 26.8 13.3 39.9

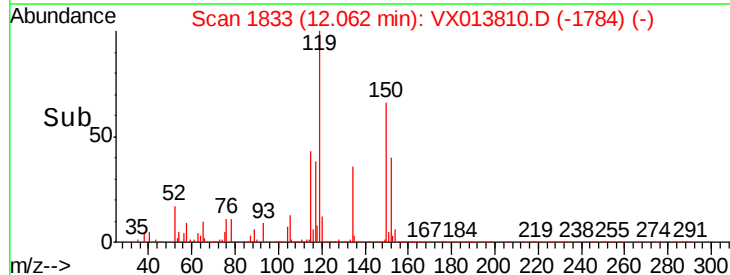
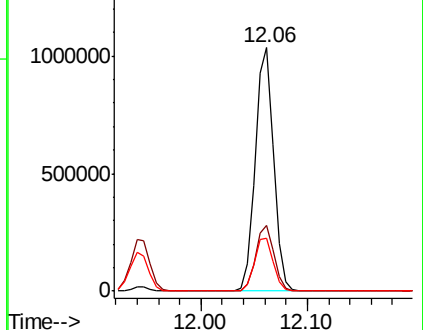
91 22.4 11.3 33.8

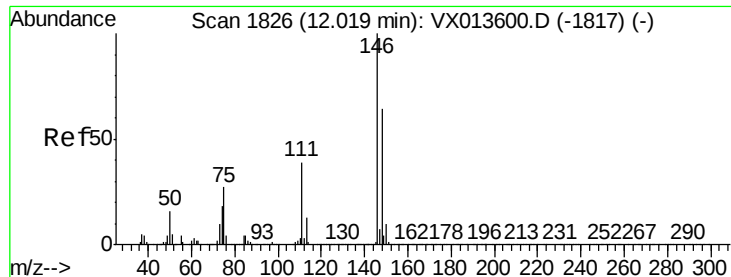


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 49.135 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VX013810.D

Acq: 06 Dec 2019 19:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

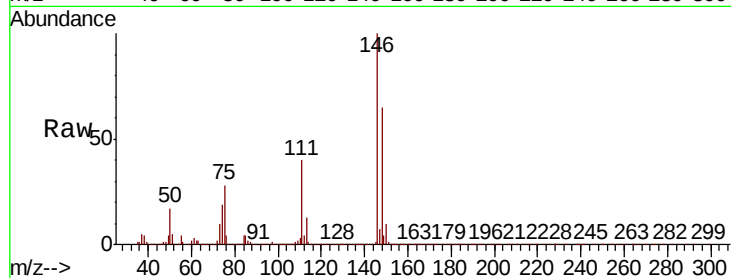
Tot Ion:146 Resp: 648834

Ion Ratio Lower Upper

146 100

111 37.9 19.0 57.0

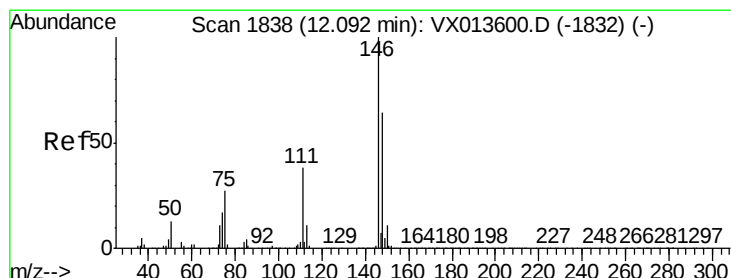
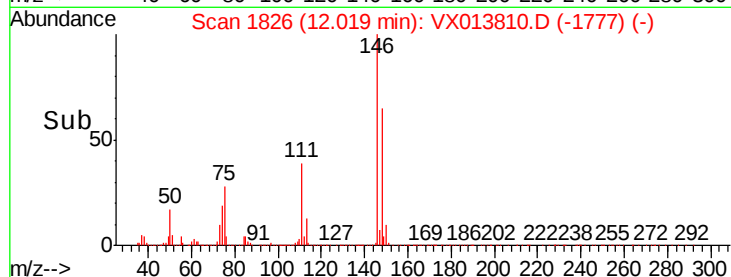
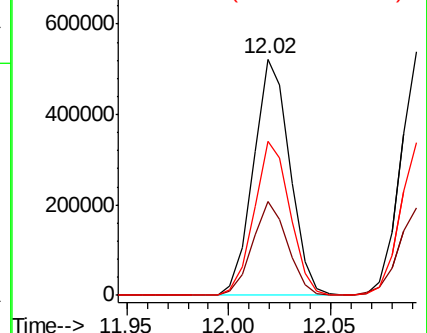
148 64.2 31.8 95.4



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 48.377 ug/l

RT: 12.09 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VX013810.D

Acq: 06 Dec 2019 19:22

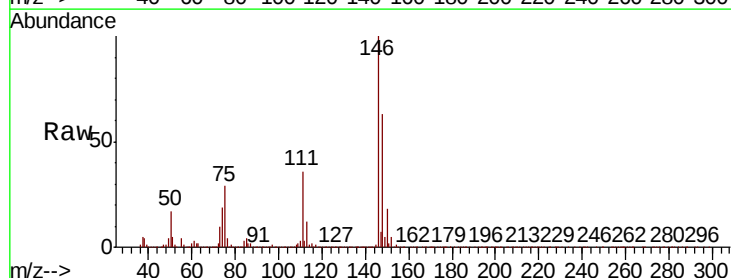
Tgt Ion:146 Resp: 650686

Ion Ratio Lower Upper

146 100

111 36.6 18.9 56.9

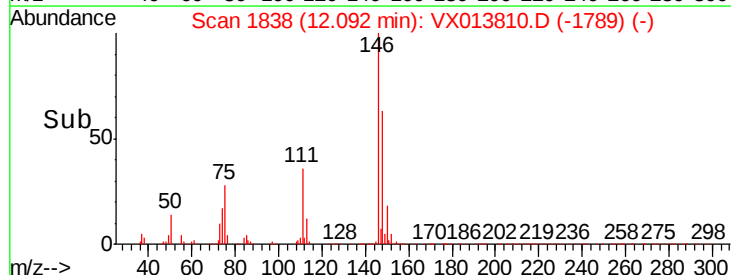
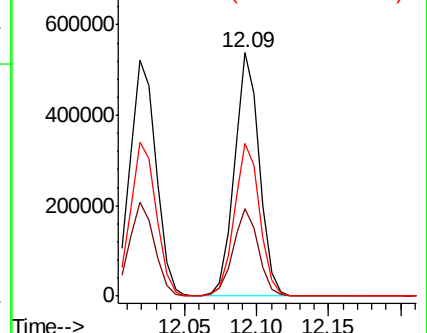
148 63.7 31.9 95.5

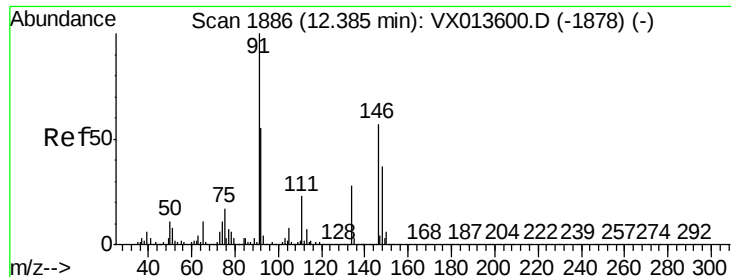


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

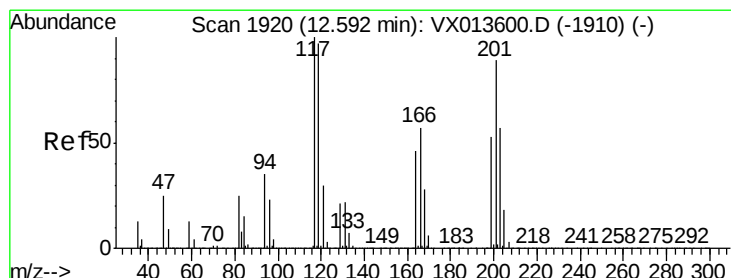
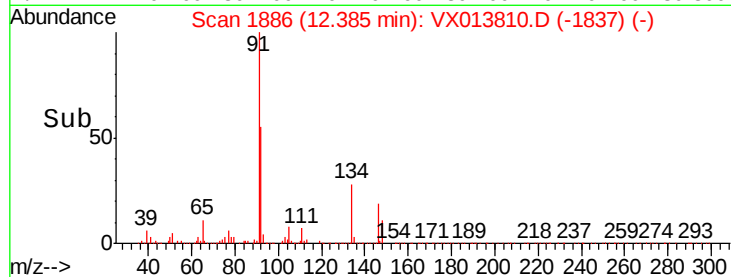
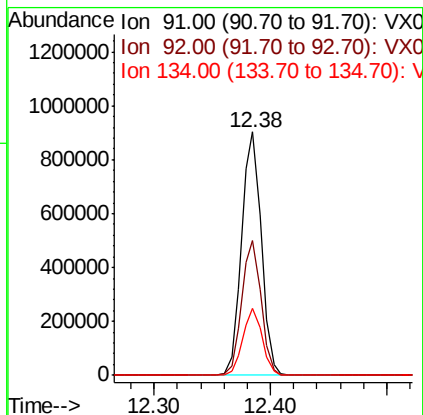
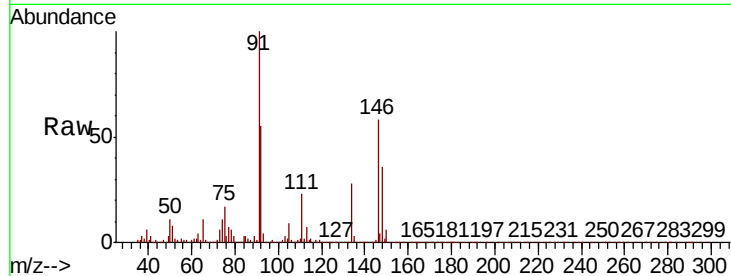




#89
n-Butylbenzene
Concen: 50.407 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX013810.D
Acq: 06 Dec 2019 19:22

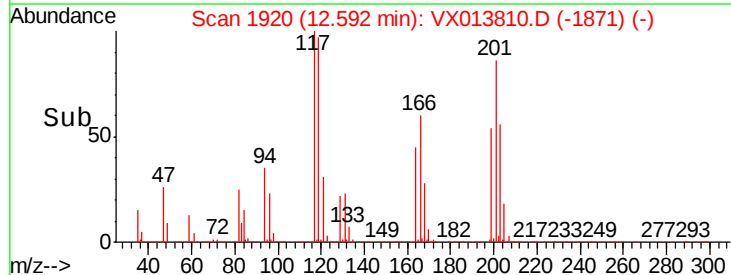
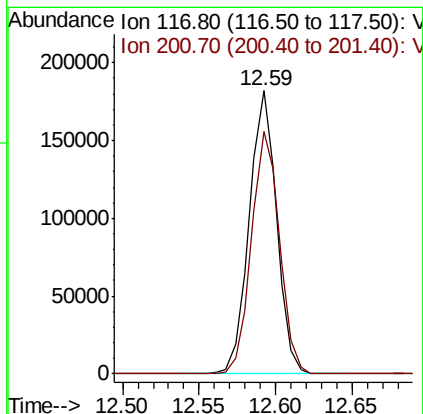
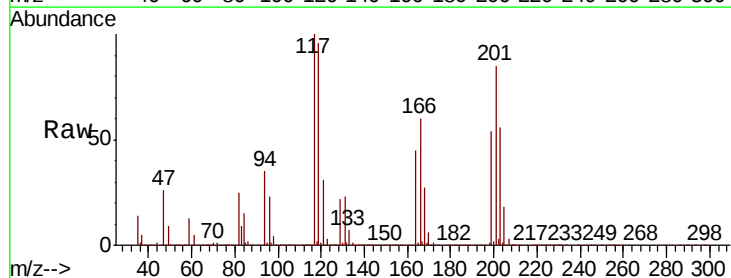
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

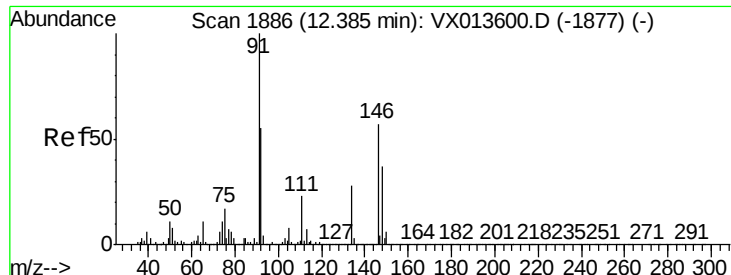
Tot Ion: 91 Resp: 1067031
Ion Ratio Lower Upper
91 100
92 54.5 27.4 82.2
134 27.0 13.5 40.4



#90
Hexachloroethane
Concen: 50.200 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX013810.D
Acq: 06 Dec 2019 19:22

Tgt Ion: 117 Resp: 225201
Ion Ratio Lower Upper
117 100
201 87.8 44.1 132.4





#91

1,2-Dichlorobenzene

Concen: 50.559 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX013810.D

Acq: 06 Dec 2019 19:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

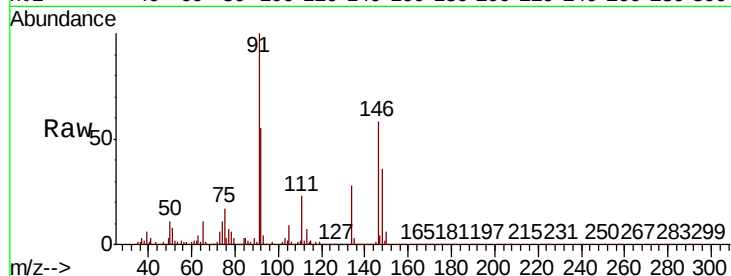
Tot Ion:146 Resp: 659652

Ion Ratio Lower Upper

146 100

111 39.1 19.6 58.7

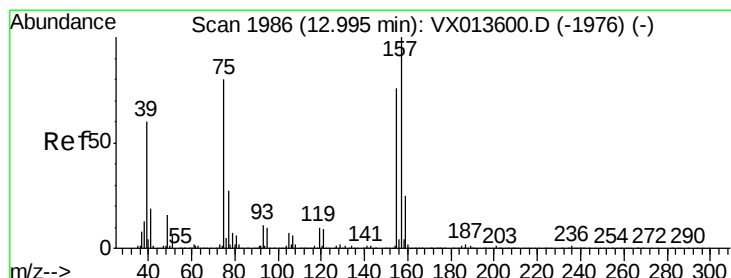
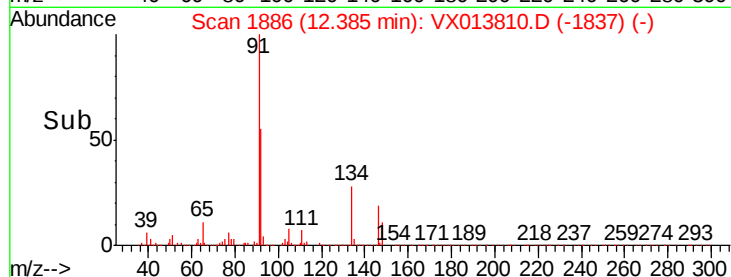
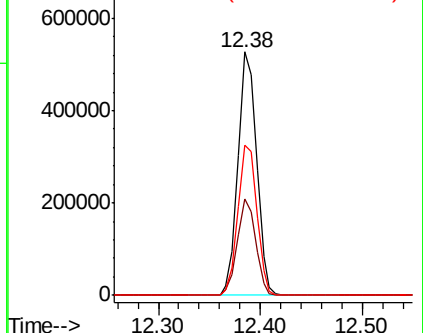
148 62.9 31.9 95.7



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 52.235 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VX013810.D

Acq: 06 Dec 2019 19:22

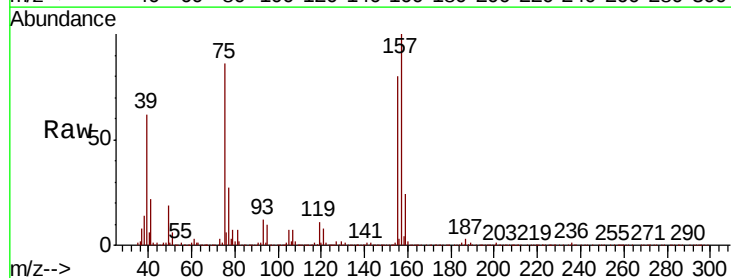
Tgt Ion: 75 Resp: 110616

Ion Ratio Lower Upper

75 100

155 96.7 47.6 142.8

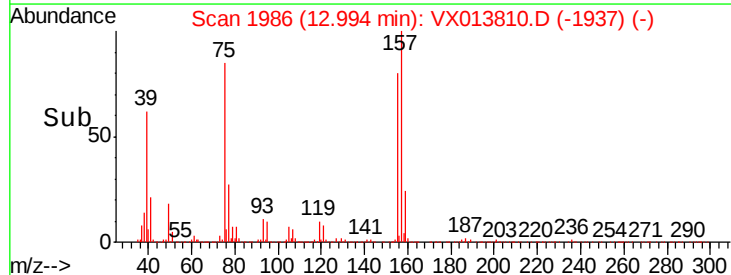
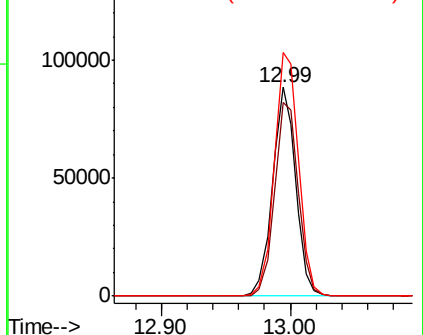
157 123.2 62.1 186.2

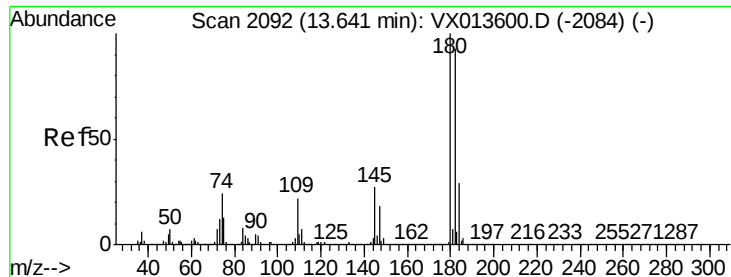


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

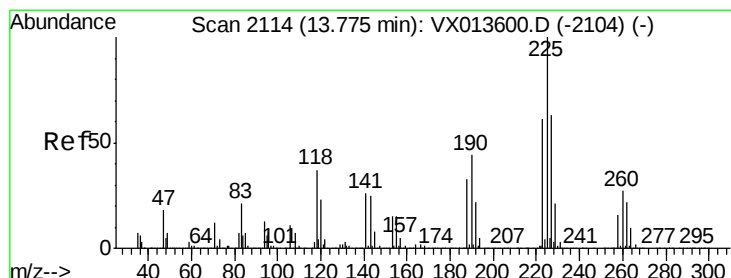
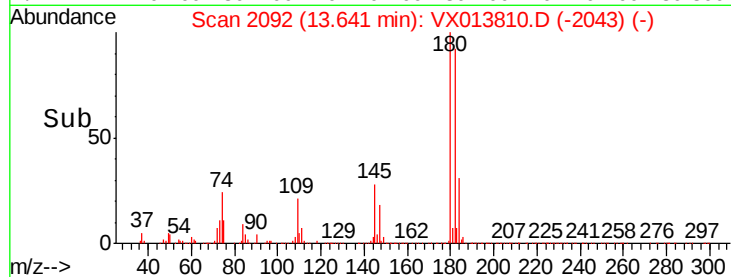
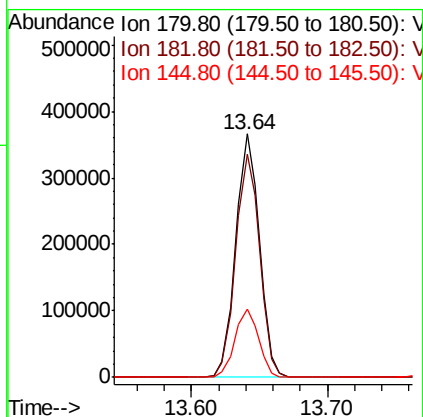
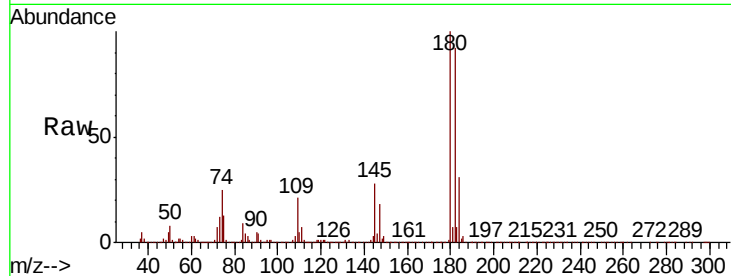




#93
 1,2,4-Trichlorobenzene
 Concen: 48.717 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX013810.D
 Acq: 06 Dec 2019 19:22

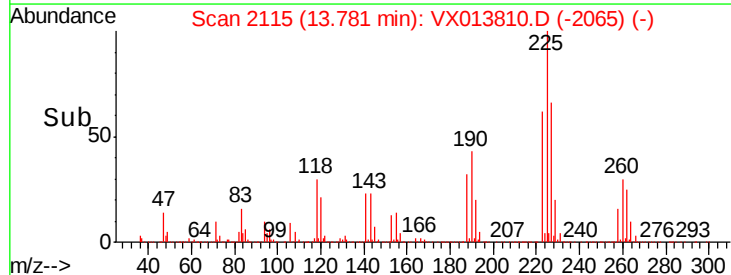
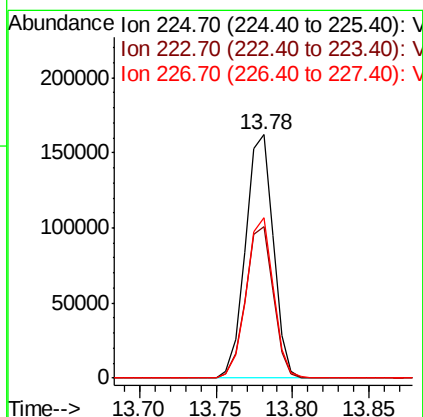
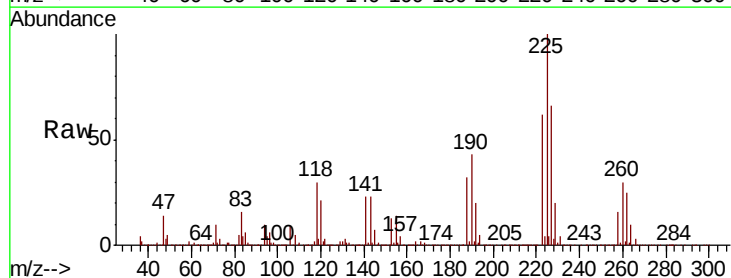
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

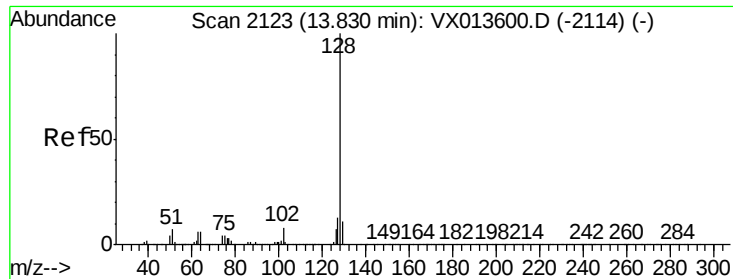
Tot Ion	Ratio	Lower	Upper
180	100		
182	93.3	47.2	141.6
145	28.1	13.8	41.4



#94
 Hexachlorobutadiene
 Concen: 46.741 ug/l
 RT: 13.78 min Scan# 2115
 Delta R.T. 0.01 min
 Lab File: VX013810.D
 Acq: 06 Dec 2019 19:22

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.3	31.9	95.5
227	63.9	32.1	96.3





#95

Naphthalene

Concen: 51.848 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. -0.00 min

Lab File: VX013810.D

Acq: 06 Dec 2019 19:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

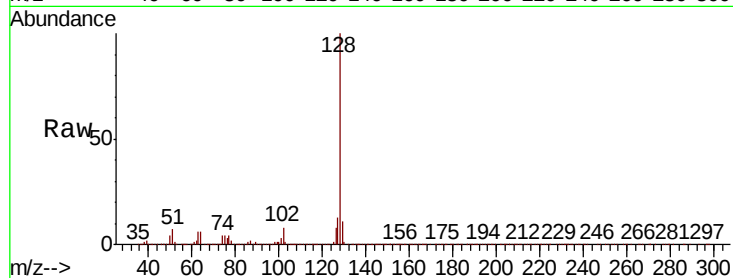
Tot Ion:128 Resp: 1404020

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

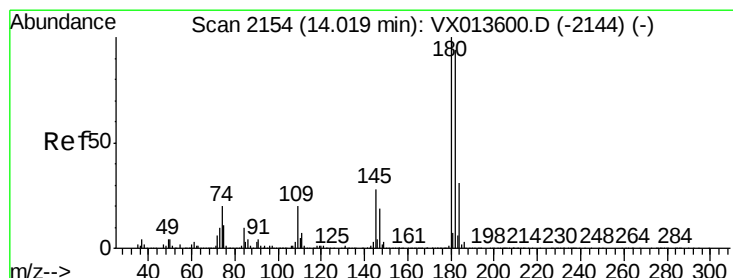
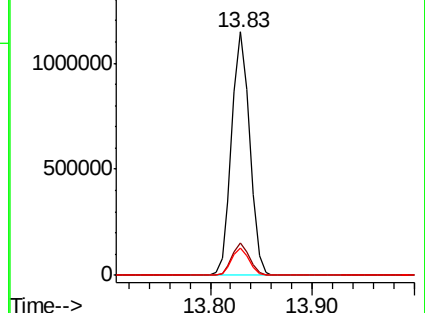
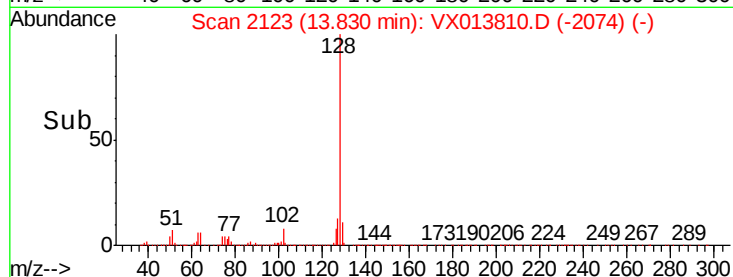
129 11.0 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 49.244 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. -0.01 min

Lab File: VX013810.D

Acq: 06 Dec 2019 19:22

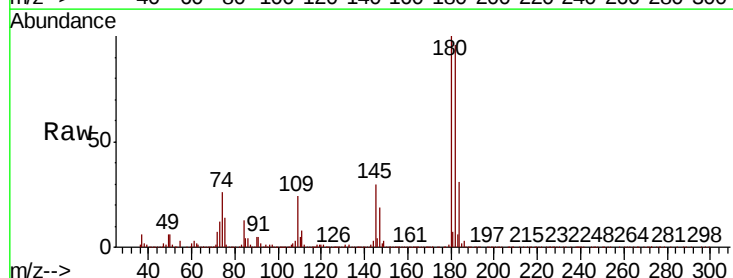
Tgt Ion:180 Resp: 443350

Ion Ratio Lower Upper

180 100

182 95.7 47.6 142.8

145 30.1 15.0 45.0



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

