

Data File : VX015609.D
Acq On : 09 Apr 2020 20:08
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Quant Time: Apr 10 04:53:47 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 27 09:35:51 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	1124552	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1767810	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1646475	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	877696	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	740852	46.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.42%	
35) Dibromofluoromethane	5.47	113	529760	46.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.76%	
50) Toluene-d8	8.70	98	2007146	48.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.48%	
62) 4-Bromofluorobenzene	11.12	95	816710	48.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.60%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	480209	48.469	ug/l	99
3) Chloromethane	1.31	50	601511	47.674	ug/l	100
4) Vinyl Chloride	1.39	62	585005	50.495	ug/l	100
5) Bromomethane	1.62	94	326448	63.275	ug/l	97
6) Chloroethane	1.71	64	361829	50.357	ug/l	99
7) Trichlorofluoromethane	1.92	101	819050	52.716	ug/l	99
8) Diethyl Ether	2.17	74	326494	49.821	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	520439	51.383	ug/l	99
10) Methyl Iodide	2.50	142	743091	54.416	ug/l	99
11) Tert butyl alcohol	3.01	59	751315	197.906	ug/l	99
12) 1,1-Dichloroethene	2.36	96	525917	49.536	ug/l	100
13) Acrolein	2.27	56	272909	126.198	ug/l	98
14) Allyl chloride	2.71	41	1146338	46.209	ug/l	98
15) Acrylonitrile	3.12	53	1739481	240.265	ug/l	100
16) Acetone	2.42	43	1609372	236.184	ug/l	99
17) Carbon Disulfide	2.55	76	1448059	44.710	ug/l	99
18) Methyl Acetate	2.75	43	862281	49.581	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	1991878	48.374	ug/l	100
20) Methylene Chloride	2.84	84	603024	47.379	ug/l	94
21) trans-1,2-Dichloroethene	3.14	96	570445	48.413	ug/l	98
22) Diisopropyl ether	3.83	45	2138816	48.655	ug/l	96
23) Vinyl Acetate	3.79	43	9331753	234.464	ug/l	100
24) 1,1-Dichloroethane	3.67	63	1110478	47.980	ug/l	100
25) 2-Butanone	4.64	43	2547722	232.489	ug/l	99
26) 2,2-Dichloropropane	4.55	77	852760	44.888	ug/l	100
27) cis-1,2-Dichloroethene	4.57	96	669615	49.121	ug/l	99
28) Bromochloromethane	4.98	49	546286	49.436	ug/l	98
29) Tetrahydrofuran	5.09	42	1652909	234.625	ug/l	100
30) Chloroform	5.18	83	1089838	48.943	ug/l	98
31) Cyclohexane	5.55	56	990463	49.331	ug/l	98
32) 1,1,1-Trichloroethane	5.47	97	1007322	49.986	ug/l	99
36) 1,1-Dichloropropene	5.78	75	818830	50.271	ug/l	100
37) Ethyl Acetate	4.80	43	1004317	47.354	ug/l	99
38) Carbon Tetrachloride	5.76	117	882354	50.014	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	947091	50.429	ug/l	99
40) Benzene	6.12	78	2376510	49.808	ug/l	98
41) Methacrylonitrile	5.01	41	571289	48.524	ug/l	98
42) 1,2-Dichloroethane	6.17	62	962351	50.213	ug/l	100
43) Isopropyl Acetate	6.42	43	1722310	48.106	ug/l	99
44) Trichloroethene	7.19	130	673962	51.793	ug/l	95
45) 1,2-Dichloropropane	7.49	63	639724	49.012	ug/l	98
46) Dibromomethane	7.64	93	423301	49.439	ug/l	97
47) Bromodichloromethane	7.88	83	899052	49.279	ug/l	96
48) Methyl methacrylate	7.75	41	864007	48.315	ug/l	99
49) 1,4-Dioxane	7.72	88	272730	817.523	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	4978404	245.363	ug/l	100
52) Toluene	8.77	92	1501502	51.043	ug/l	98
53) t-1,3-Dichloropropene	9.03	75	1020237	47.681	ug/l	95
54) cis-1,3-Dichloropropene	8.42	75	1066915	48.949	ug/l	96
55) 1,1,2-Trichloroethane	9.20	97	615328	51.056	ug/l	97
56) Ethyl methacrylate	9.16	69	1052605	49.557	ug/l	98
57) 1,3-Dichloropropane	9.36	76	1067522	49.163	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	2623540	253.940	ug/l	99
59) 2-Hexanone	9.48	43	3755133	245.137	ug/l	99
60) Dibromochloromethane	9.57	129	729966	50.405	ug/l	99
61) 1,2-Dibromoethane	9.65	107	660193	50.378	ug/l	99
64) Tetrachloroethene	9.32	164	601267	48.390	ug/l	92
65) Chlorobenzene	10.12	112	1653525	50.358	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	649559	49.516	ug/l	99
67) Ethyl Benzene	10.24	91	2967538	50.956	ug/l	99
68) m/p-Xylenes	10.34	106	2183161	100.673	ug/l	99
69) o-Xylene	10.68	106	1083758	50.575	ug/l	98
70) Styrene	10.70	104	1896480	50.294	ug/l	99
71) Bromoform	10.84	173	584652	48.958	ug/l #	99
73) Isopropylbenzene	11.00	105	2875513	50.001	ug/l	99
74) N-amyl acetate	10.88	43	1489343	46.564	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	940776	47.675	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	1145193	63.449	ug/l	83
77) Bromobenzene	11.24	156	783520	51.078	ug/l	95
78) n-propylbenzene	11.35	91	3345562	50.876	ug/l	100
79) 2-Chlorotoluene	11.41	91	1978709	49.093	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	2431710	49.512	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	336267	44.703	ug/l	98
82) 4-Chlorotoluene	11.49	91	2317525	49.048	ug/l	99
83) tert-Butylbenzene	11.76	119	2413883	50.317	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	2466899	49.289	ug/l	98
85) sec-Butylbenzene	11.93	105	2775827	50.030	ug/l	100
86) p-Isopropyltoluene	12.05	119	2657735	51.598	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	1357593	49.437	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	1381311	49.382	ug/l	99
89) n-Butylbenzene	12.37	91	2311758	49.665	ug/l	99
90) Hexachloroethane	12.58	117	464013	46.284	ug/l	93
91) 1,2-Dichlorobenzene	12.38	146	1356207	50.465	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	242519	43.543	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX040920\
Quantitation Report (Not Reviewed)

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ClientSampleId :
VSTDCCC050EC

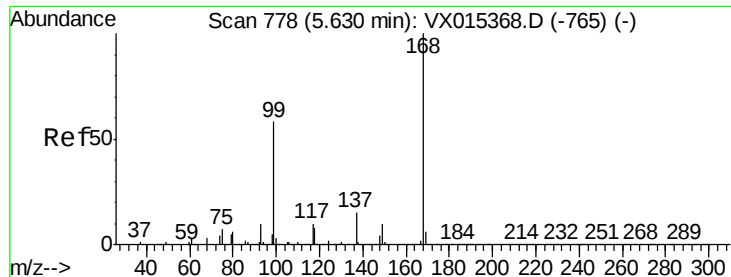
Quant Time: Apr 10 04:53:47 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 27 09:35:51 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	1051067	49.445	ug/l	96
94) Hexachlorobutadiene	13.77	225	466354	46.078	ug/l	96
95) Naphthalene	13.82	128	3284902	50.660	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	1010905	49.393	ug/l	97

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

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Quant Title : SW846 8260
QLast Update : Fri Mar 27 09:35:51 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 779

Delta R.T. 0.01 min

Lab File: VX015609.D

Acq: 09 Apr 2020 20:08

Instrument :

MSVOA_X

ClientSampleId :

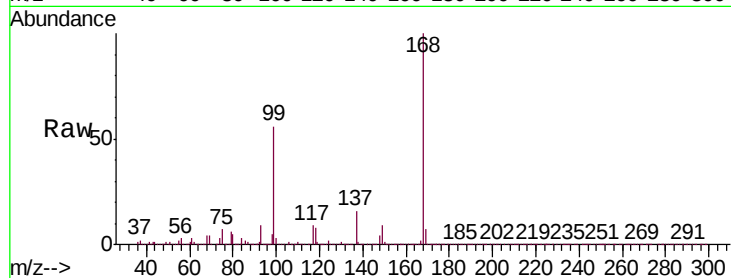
VSTDCCC050EC

Tgt Ion:168 Resp: 1124552

Ion Ratio Lower Upper

168 100

99 55.7 46.4 69.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

400000

300000

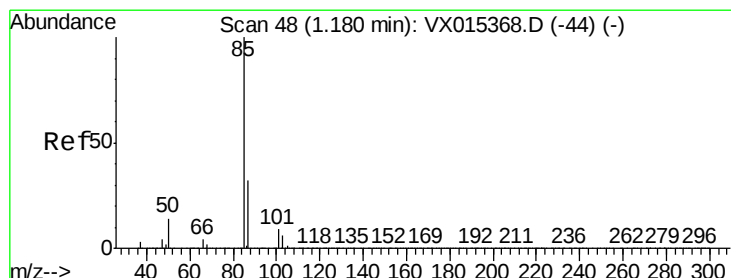
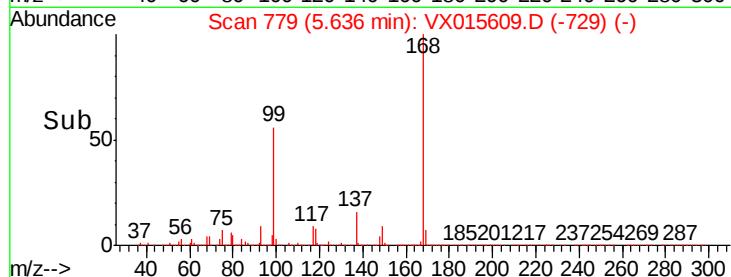
200000

100000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 48.469 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.01 min

Lab File: VX015609.D

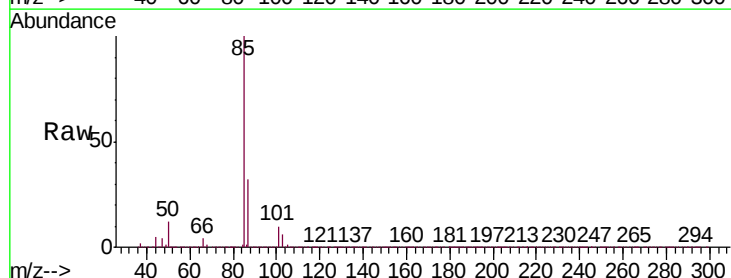
Acq: 09 Apr 2020 20:08

Tgt Ion: 85 Resp: 480209

Ion Ratio Lower Upper

85 100

87 32.3 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

500000

400000

300000

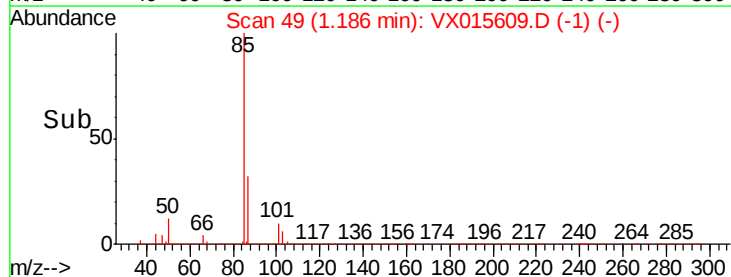
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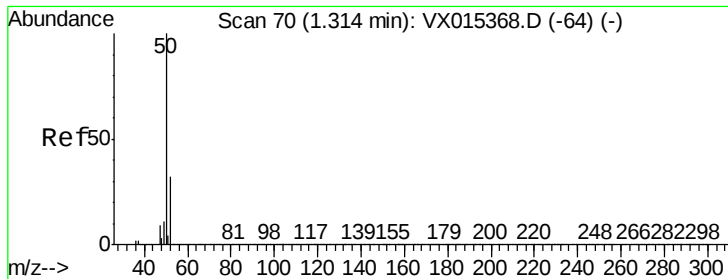
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0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 47.674 ug/l

RT: 1.31 min Scan# 70

Delta R.T. 0.00 min

Lab File: VX015609.D

Acq: 09 Apr 2020 20:08

Instrument :

MSVOA_X

ClientSampleId :

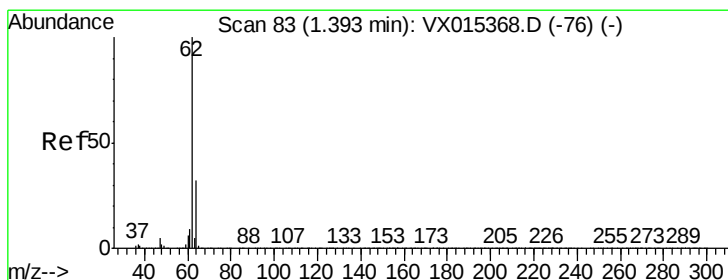
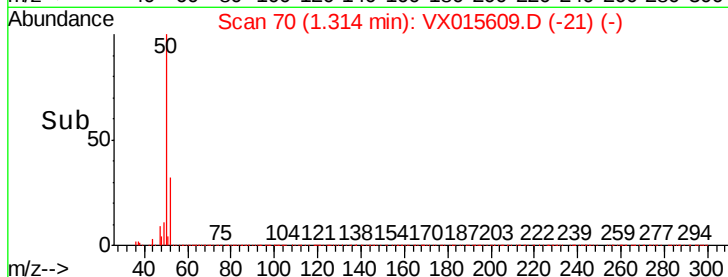
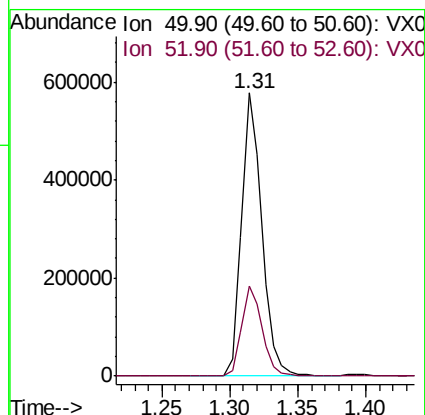
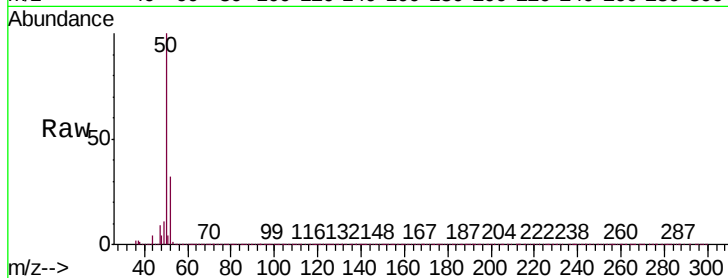
VSTDCCC050EC

Tgt Ion: 50 Resp: 601511

Ion Ratio Lower Upper

50 100

52 31.5 25.3 37.9



#4

Vinyl Chloride

Concen: 50.495 ug/l

RT: 1.39 min Scan# 83

Delta R.T. -0.00 min

Lab File: VX015609.D

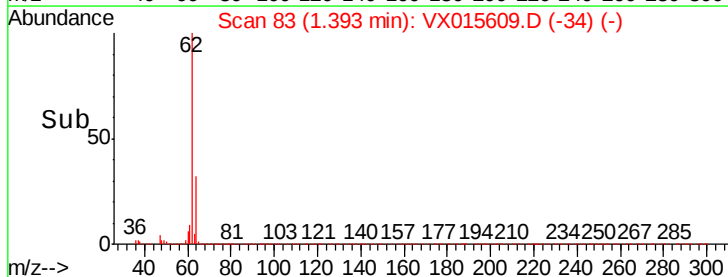
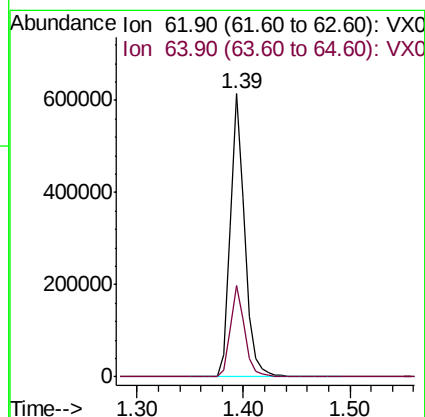
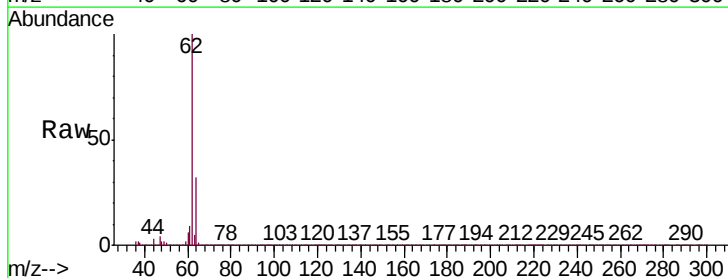
Acq: 09 Apr 2020 20:08

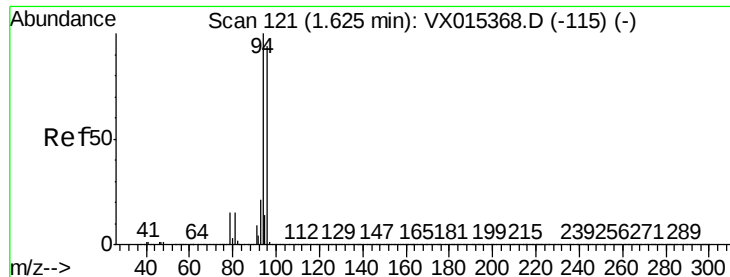
Tgt Ion: 62 Resp: 585005

Ion Ratio Lower Upper

62 100

64 32.2 26.0 39.0





#5

Bromomethane

Concen: 63.275 ug/l

RT: 1.62 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX015609.D

Acq: 09 Apr 2020 20:08

Instrument :

MSVOA_X

ClientSampleId :

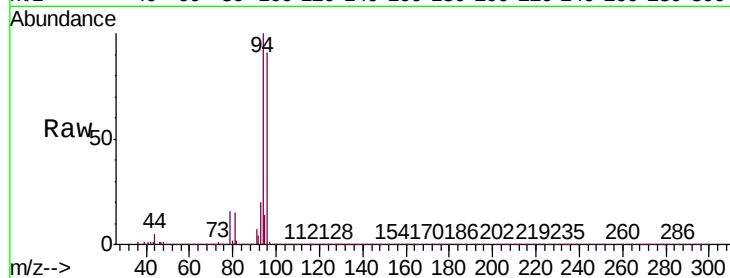
VSTDCCC050EC

Tgt Ion: 94 Resp: 326448

Ion Ratio Lower Upper

94 100

96 90.5 74.8 112.2



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.62

300000

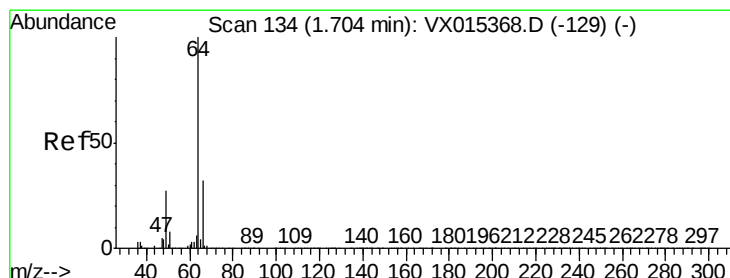
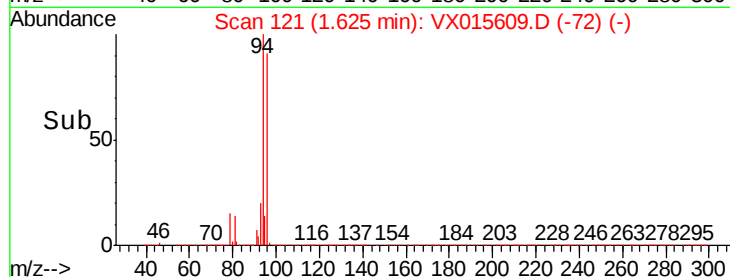
200000

100000

0

Time-->

1.55 1.60 1.65 1.70 1.75



#6

Chloroethane

Concen: 50.357 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX015609.D

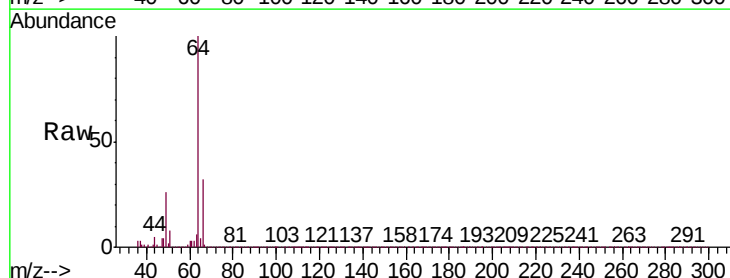
Acq: 09 Apr 2020 20:08

Tgt Ion: 64 Resp: 361829

Ion Ratio Lower Upper

64 100

66 32.2 25.4 38.2



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

300000

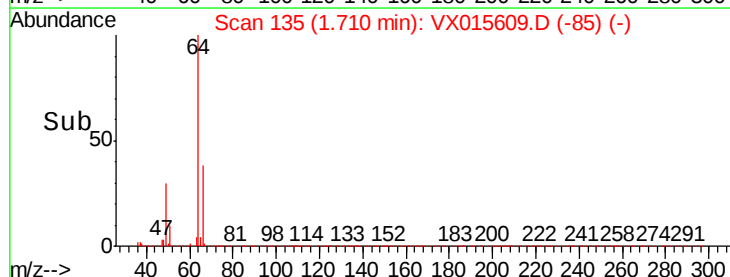
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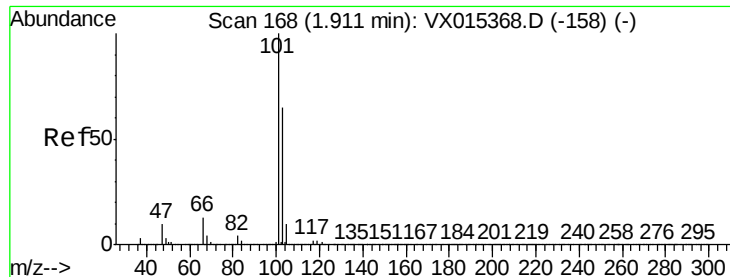
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Time-->

1.65 1.70 1.75 1.80



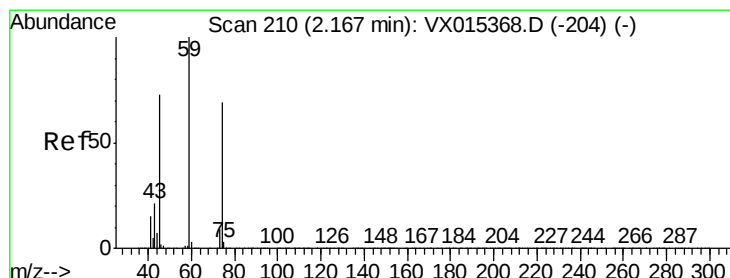
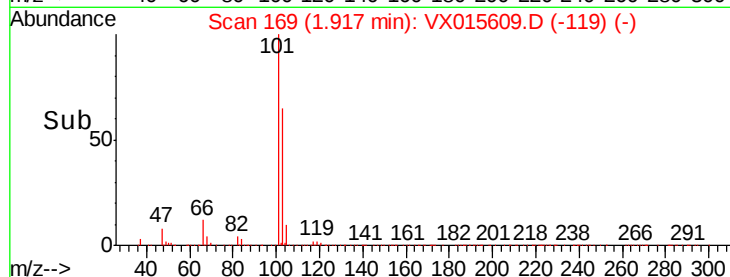
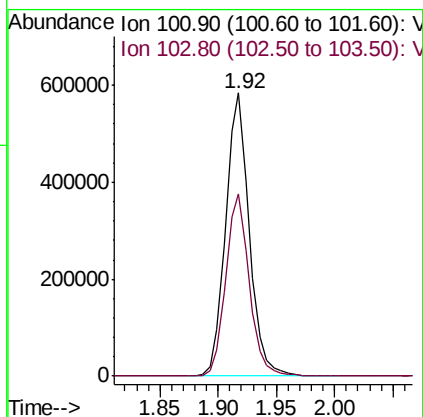
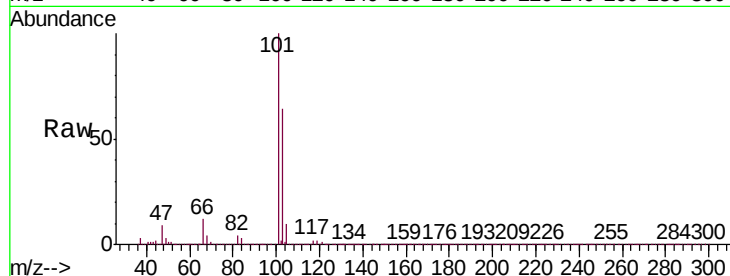


#7

Trichlorofluoromethane
Concen: 52.716 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.01 min
Lab File: VX015609.D
Acq: 09 Apr 2020 20:08

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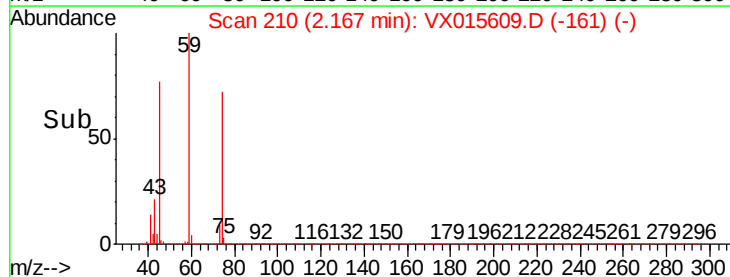
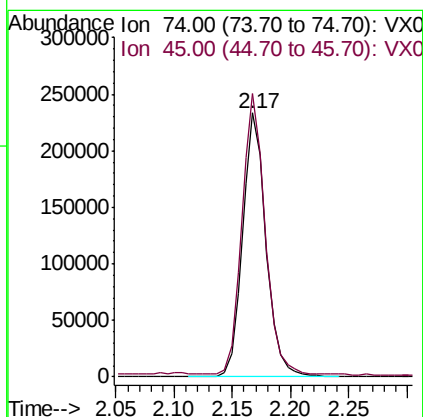
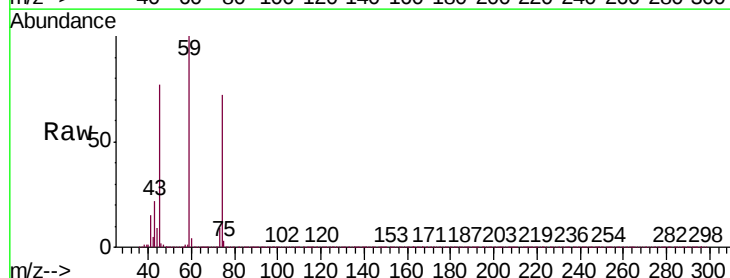
Tgt Ion: 101 Resp: 819050
Ion Ratio Lower Upper
101 100
103 64.4 52.3 78.5

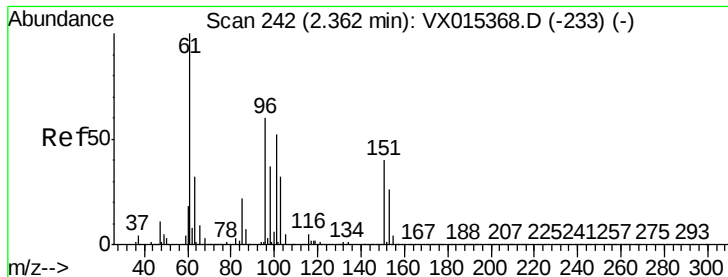


#8

Diethyl Ether
Concen: 49.821 ug/l
RT: 2.17 min Scan# 210
Delta R.T. -0.00 min
Lab File: VX015609.D
Acq: 09 Apr 2020 20:08

Tgt Ion: 74 Resp: 326494
Ion Ratio Lower Upper
74 100
45 107.6 53.8 161.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.383 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.01 min

Lab File: VX015609.D

Acq: 09 Apr 2020 20:08

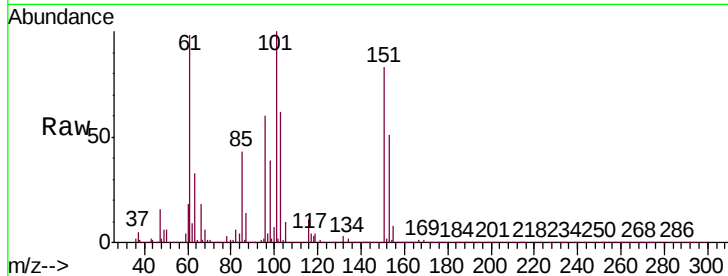
Instrument :

MSVOA_X

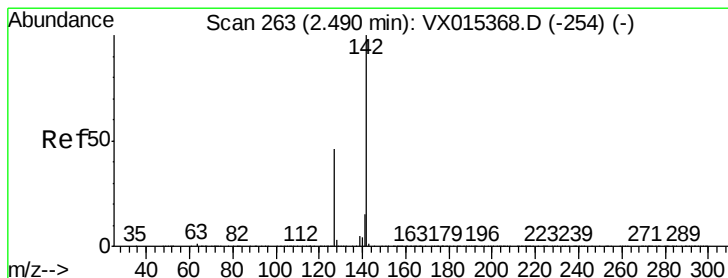
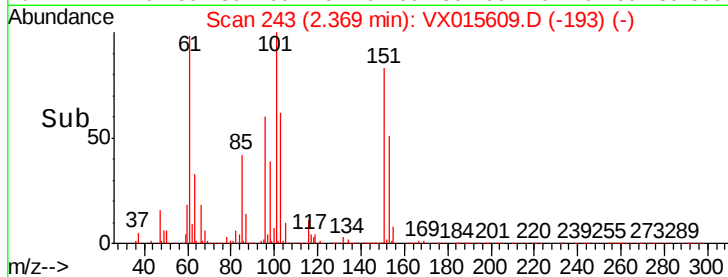
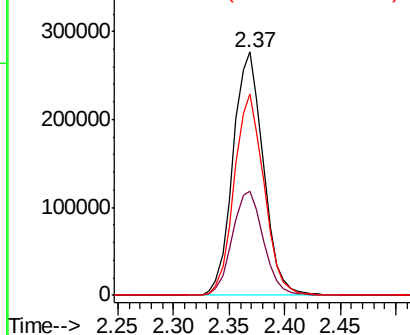
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	101	Resp:	520439
Ion	Ratio	Lower	Upper
101	100		
85	43.9	35.0	52.4
151	81.7	64.1	96.1



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: 54.416 ug/l

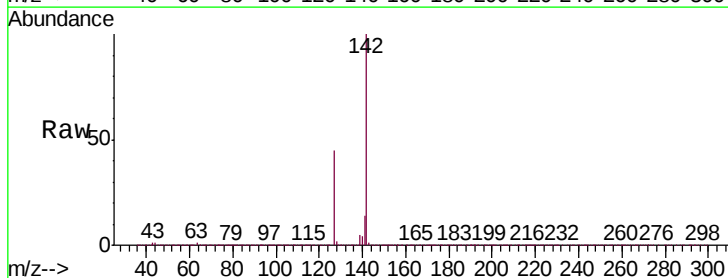
RT: 2.50 min Scan# 264

Delta R.T. 0.01 min

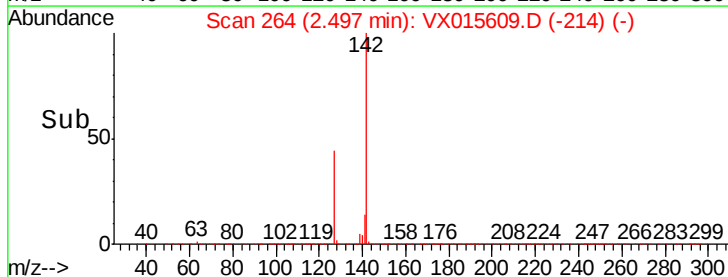
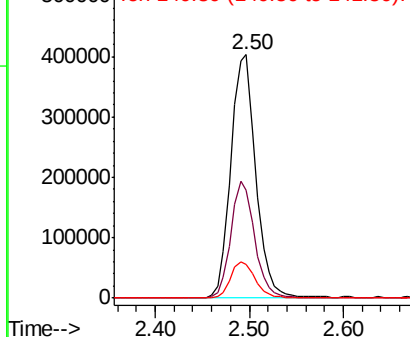
Lab File: VX015609.D

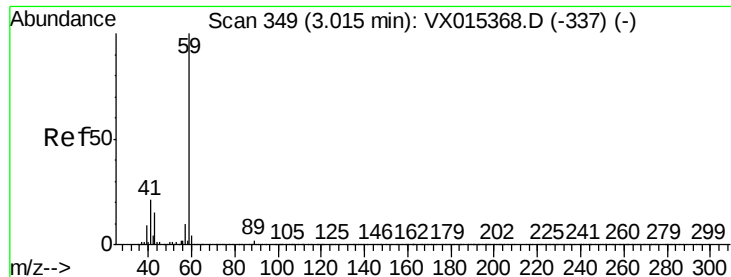
Acq: 09 Apr 2020 20:08

Tgt Ion:	142	Resp:	743091
Ion	Ratio	Lower	Upper
142	100		
127	45.9	35.9	53.9
141	14.6	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

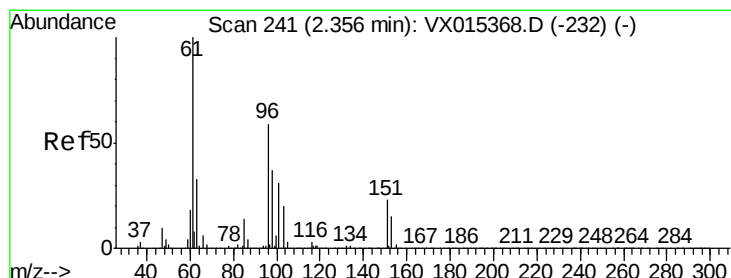
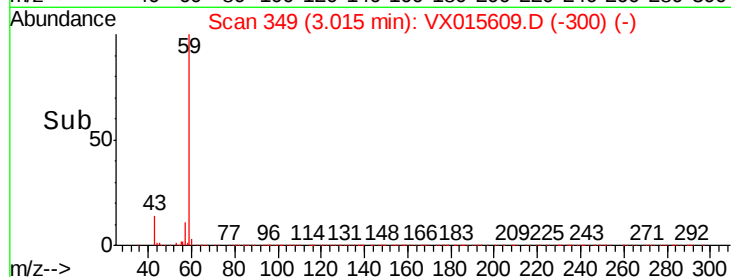
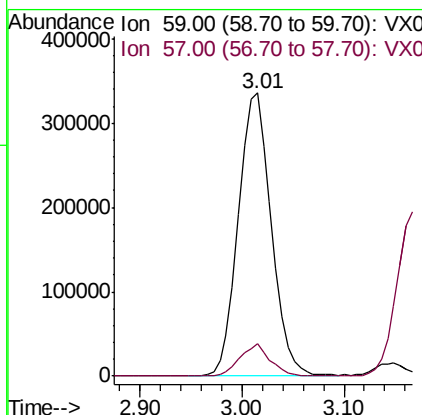
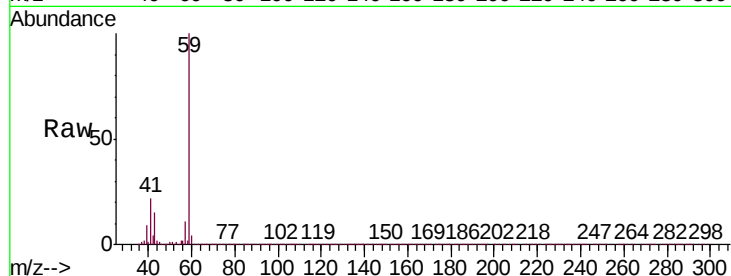




#11
Tert butyl alcohol
Concen: 197.906 ug/l
RT: 3.01 min Scan# 349
Delta R.T. 0.00 min
Lab File: VX015609.D
Acq: 09 Apr 2020 20:08

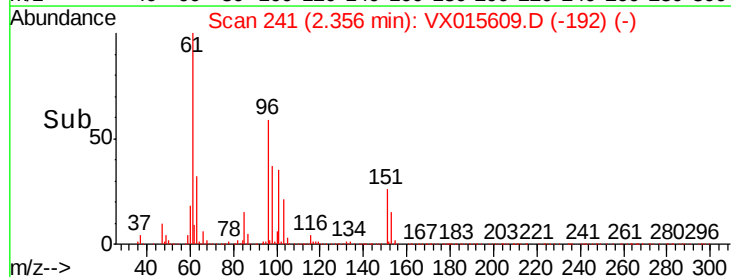
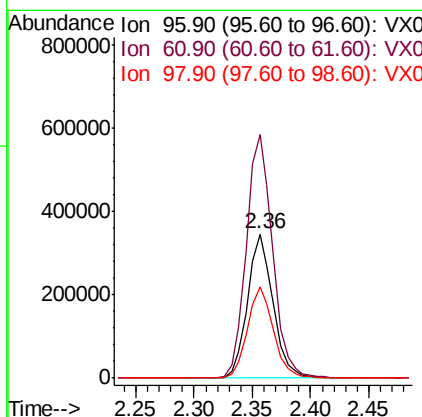
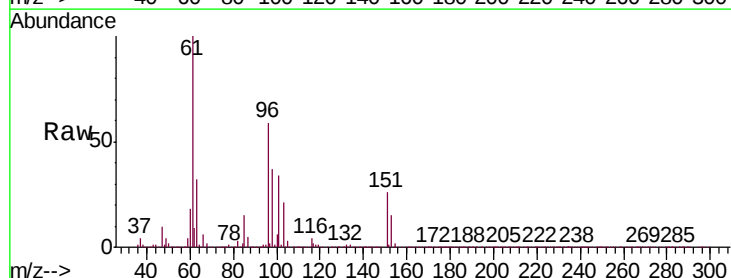
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 751315
Ion Ratio Lower Upper
59 100
57 10.5 8.1 12.1



#12
1,1-Dichloroethene
Concen: 49.536 ug/l
RT: 2.36 min Scan# 241
Delta R.T. 0.00 min
Lab File: VX015609.D
Acq: 09 Apr 2020 20:08

Tgt Ion: 96 Resp: 525917
Ion Ratio Lower Upper
96 100
61 168.9 135.7 203.5
98 63.0 50.6 75.8





#13

Acrolein

Concen: 126.198 ug/l

RT: 2.27 min Scan# 227

Delta R.T. 0.00 min

Lab File: VX015609.D

Acq: 09 Apr 2020 20:08

Instrument :

MSVOA_X

ClientSampleId :

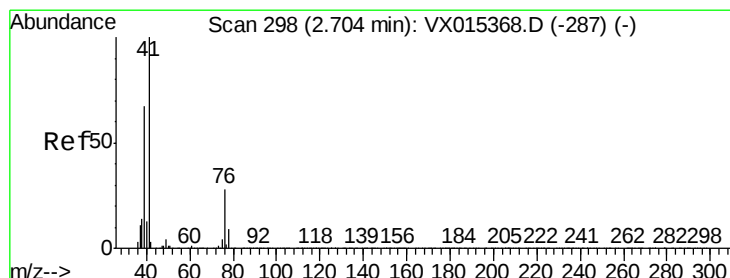
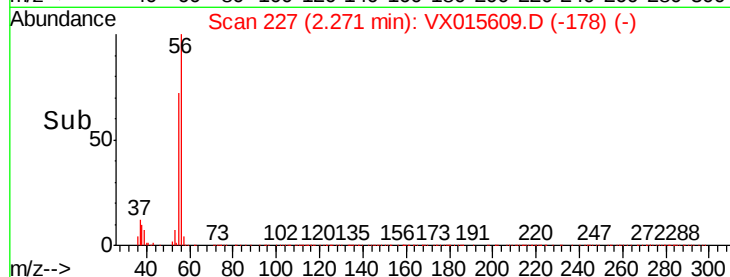
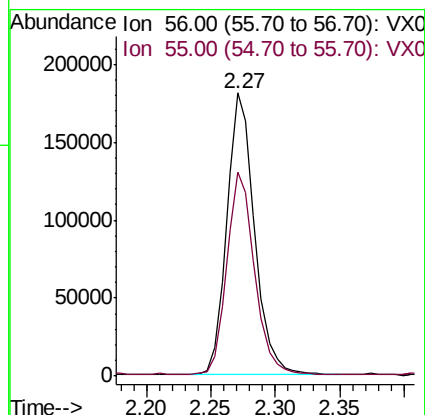
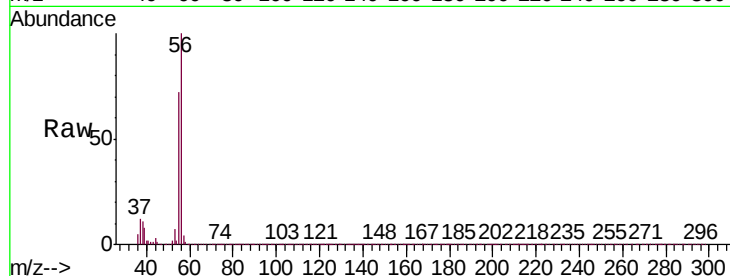
VSTDCCC050EC

Tgt Ion: 56 Resp: 272909

Ion Ratio Lower Upper

56 100

55 72.6 57.0 85.4



#14

Allyl chloride

Concen: 46.209 ug/l

RT: 2.71 min Scan# 299

Delta R.T. 0.01 min

Lab File: VX015609.D

Acq: 09 Apr 2020 20:08

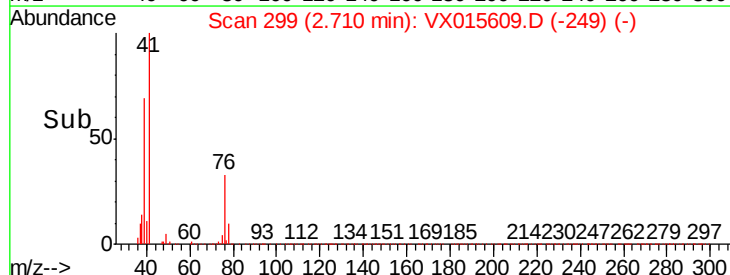
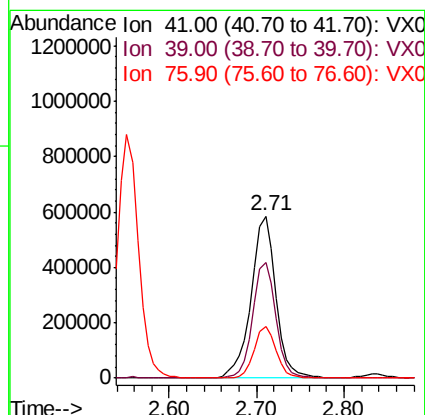
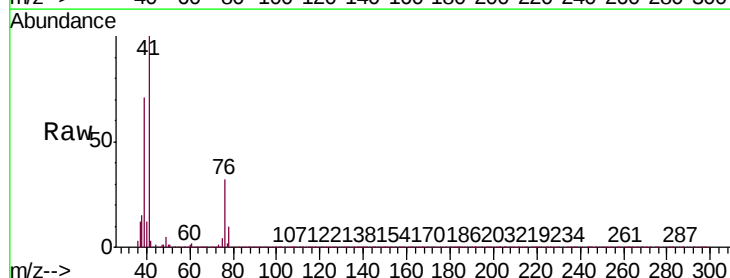
Tgt Ion: 41 Resp: 1146338

Ion Ratio Lower Upper

41 100

39 66.2 51.4 77.0

76 28.1 21.8 32.8





#15

Acrylonitrile

Concen: 240.265 ug/l

RT: 3.12 min Scan# 366

Delta R.T. -0.00 min

Lab File: VX015609.D

Acq: 09 Apr 2020 20:08

Instrument :

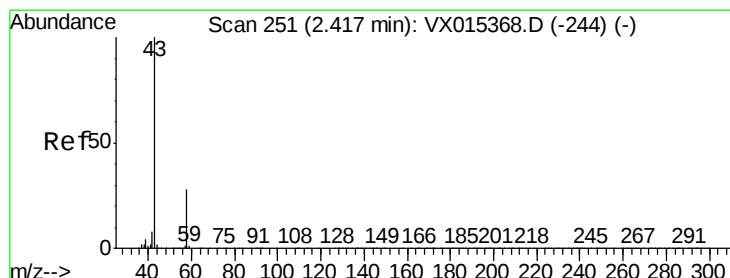
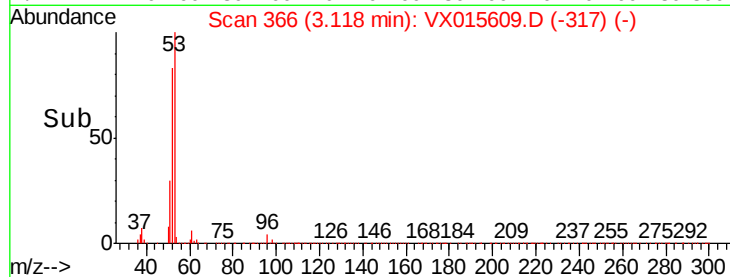
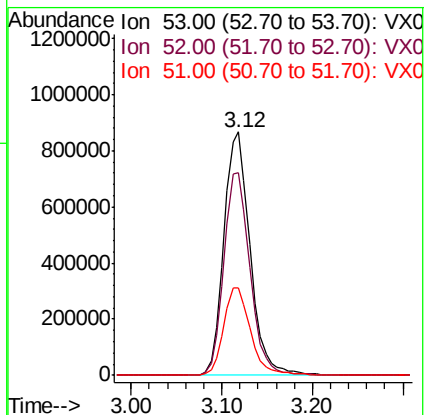
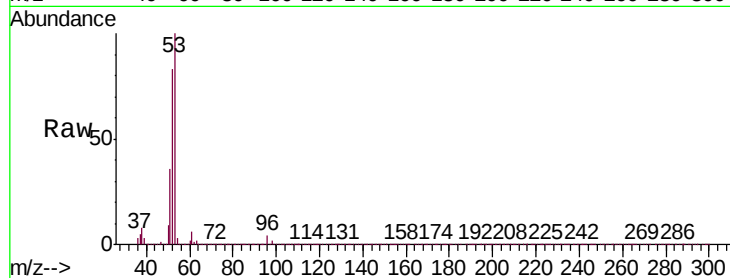
MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 53 Resp: 1739481

Ion	Ratio	Lower	Upper
53	100		
52	83.5	66.8	100.2
51	37.1	29.5	44.3



#16

Acetone

Concen: 236.184 ug/l

RT: 2.42 min Scan# 251

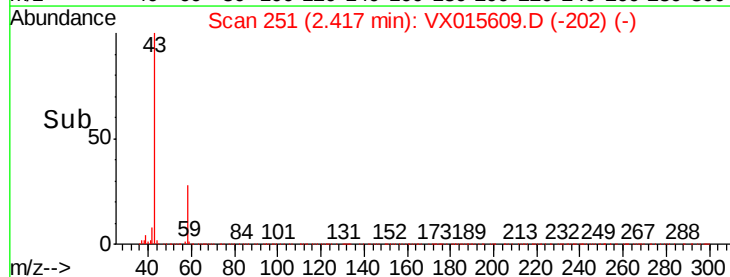
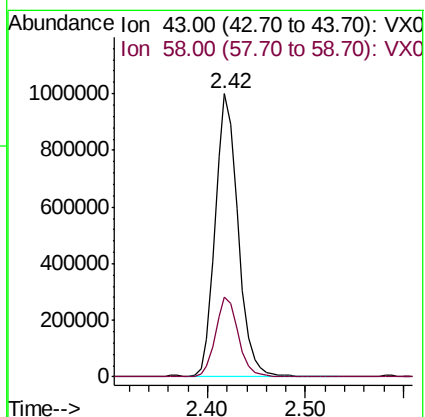
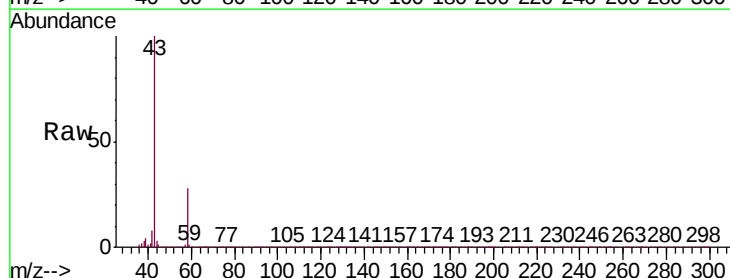
Delta R.T. 0.00 min

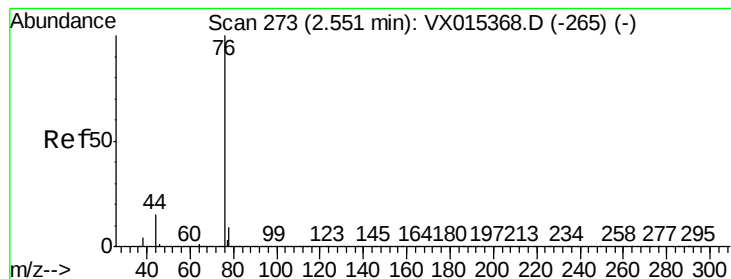
Lab File: VX015609.D

Acq: 09 Apr 2020 20:08

Tgt Ion: 43 Resp: 1609372

Ion	Ratio	Lower	Upper
43	100		
58	28.2	22.1	33.1





#17

Carbon Disulfide

Concen: 44.710 ug/l

RT: 2.55 min Scan# 273

Delta R.T. 0.00 min

Lab File: VX015609.D

Acq: 09 Apr 2020 20:08

Instrument :

MSVOA_X

ClientSampleId :

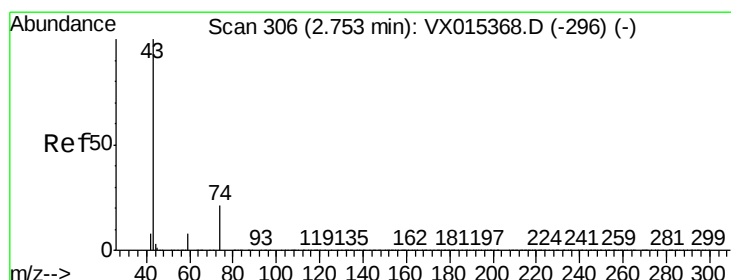
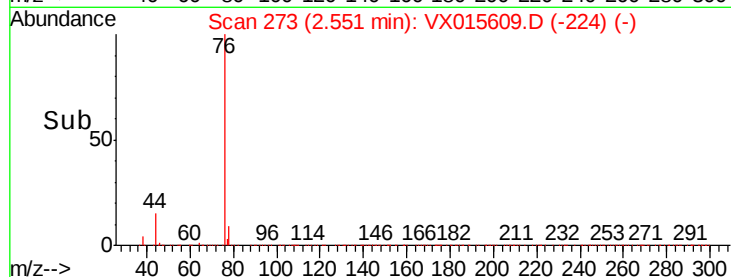
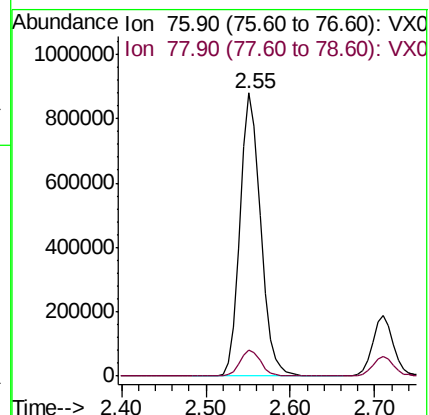
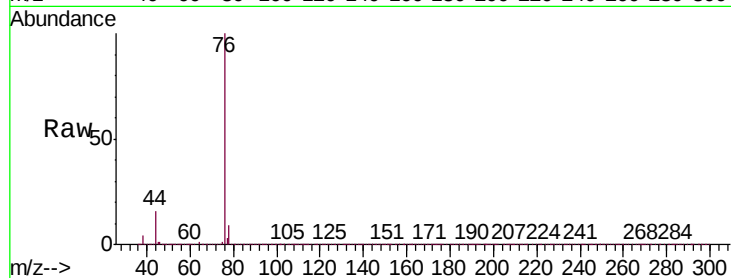
VSTDCCC050EC

Tgt Ion: 76 Resp: 1448059

Ion Ratio Lower Upper

76 100

78 9.2 7.1 10.7



#18

Methyl Acetate

Concen: 49.581 ug/l

RT: 2.75 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX015609.D

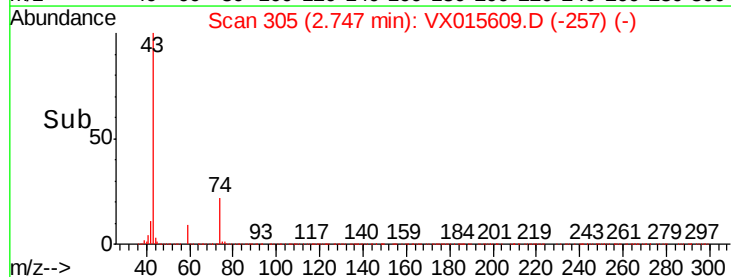
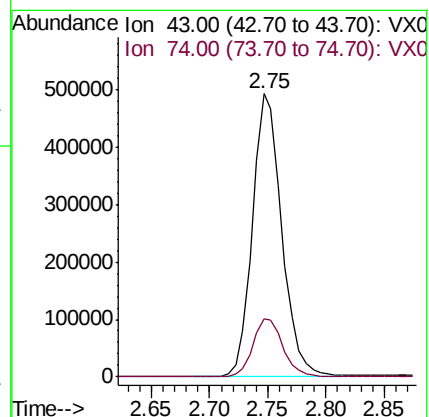
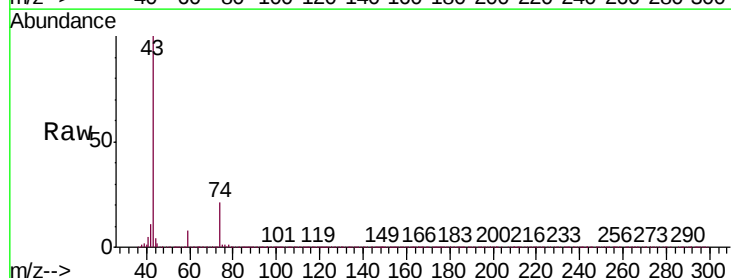
Acq: 09 Apr 2020 20:08

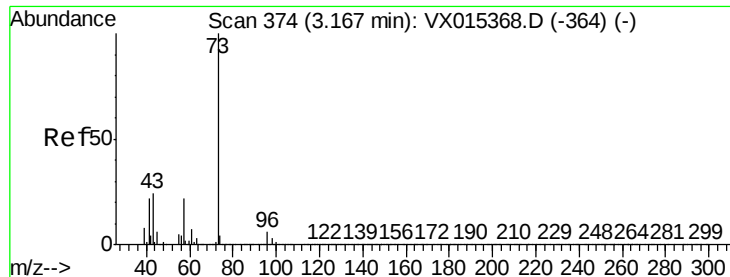
Tgt Ion: 43 Resp: 862281

Ion Ratio Lower Upper

43 100

74 21.6 16.5 24.7





#19

Methyl tert-butyl Ether

Concen: 48.374 ug/l

RT: 3.17 min Scan# 374

Delta R.T. -0.00 min

Lab File: VX015609.D

Acq: 09 Apr 2020 20:08

Instrument :

MSVOA_X

ClientSampleId :

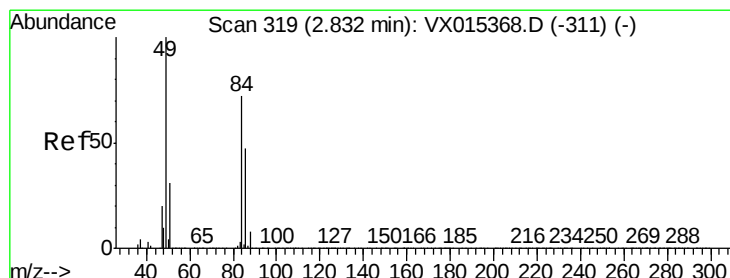
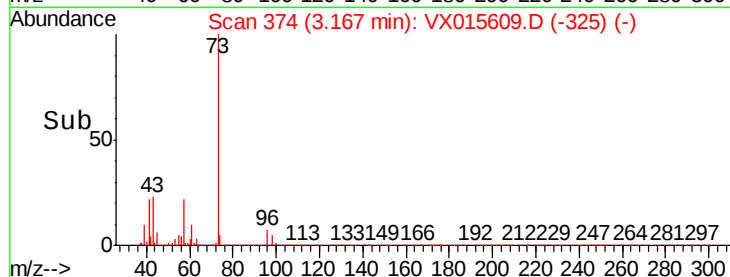
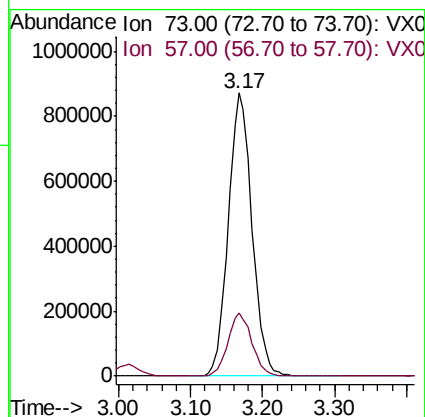
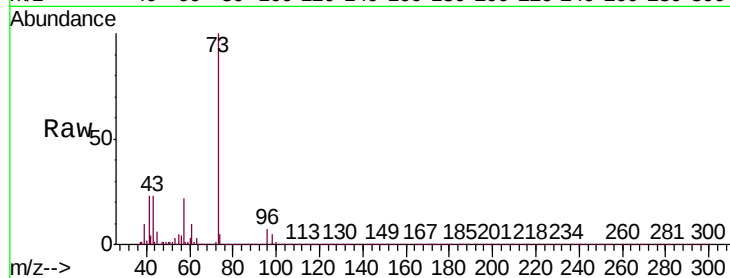
VSTDCCC050EC

Tgt Ion: 73 Resp: 1991878

Ion Ratio Lower Upper

73 100

57 22.3 17.9 26.9



#20

Methylene Chloride

Concen: 47.379 ug/l

RT: 2.84 min Scan# 320

Delta R.T. 0.01 min

Lab File: VX015609.D

Acq: 09 Apr 2020 20:08

Tgt Ion: 84 Resp: 603024

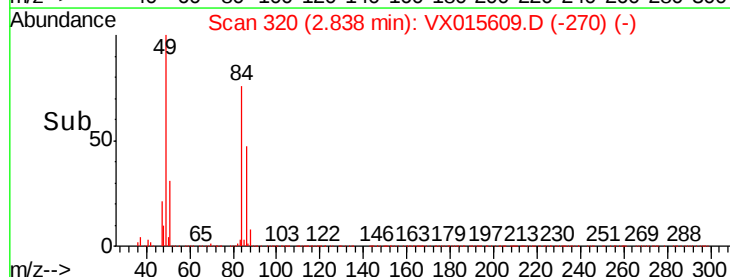
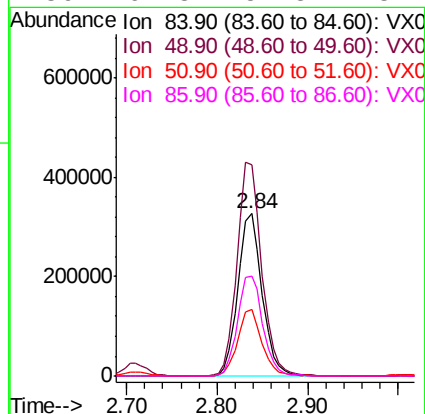
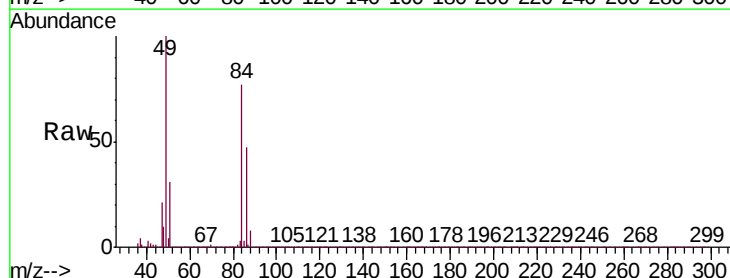
Ion Ratio Lower Upper

84 100

49 130.6 111.3 166.9

51 41.0 34.0 51.0

86 61.8 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 48.413 ug/l

RT: 3.14 min Scan# 370

Delta R.T. -0.00 min

Lab File: VX015609.D

Acq: 09 Apr 2020 20:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

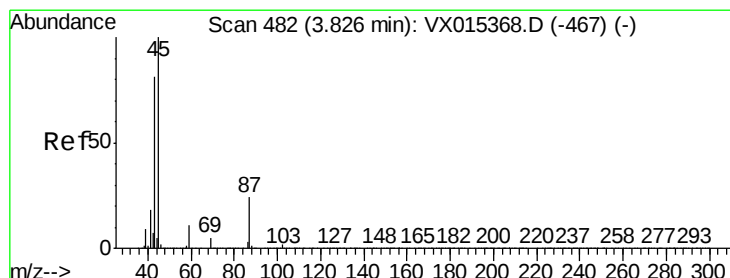
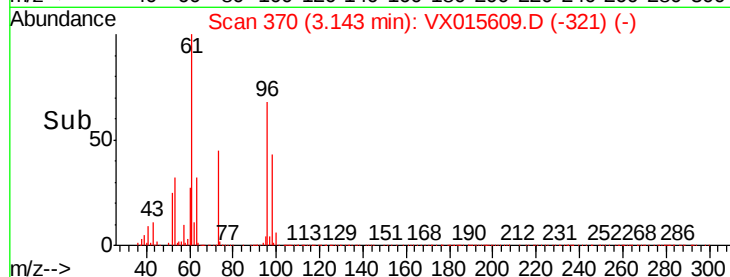
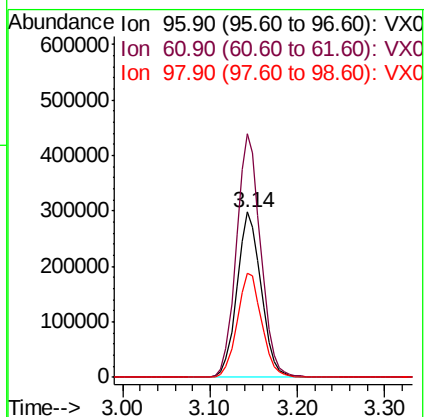
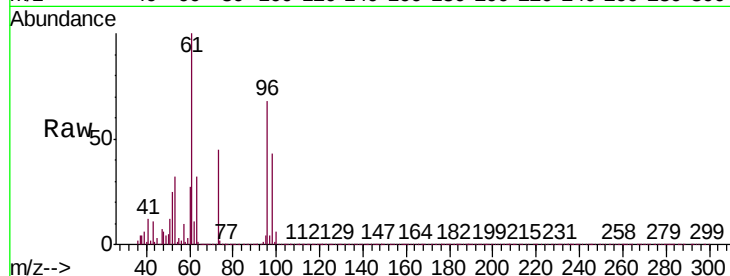
Tgt Ion: 96 Resp: 570445

Ion Ratio Lower Upper

96 100

61 147.6 116.9 175.3

98 62.9 48.6 73.0



#22

Diisopropyl ether

Concen: 48.655 ug/l

RT: 3.83 min Scan# 482

Delta R.T. 0.00 min

Lab File: VX015609.D

Acq: 09 Apr 2020 20:08

Tgt Ion: 45 Resp: 2138816

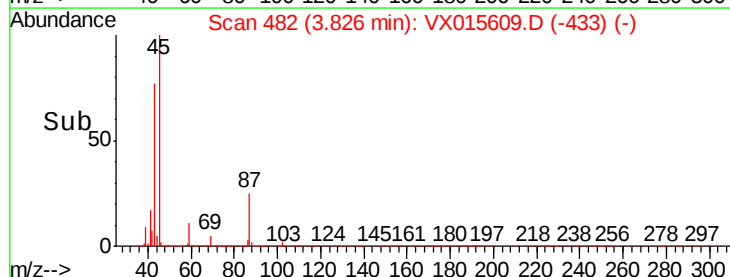
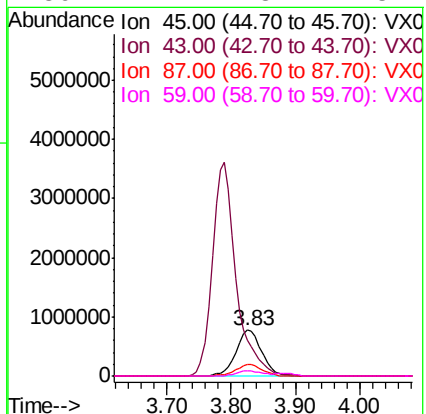
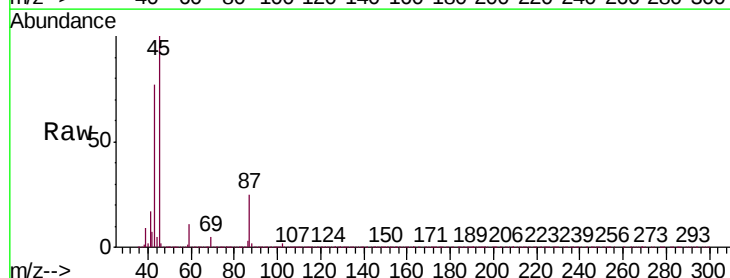
Ion Ratio Lower Upper

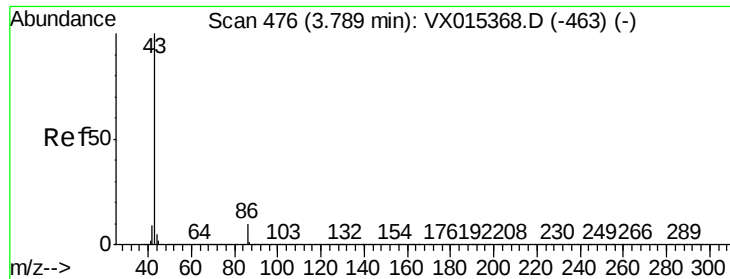
45 100

43 76.8 64.7 97.1

87 24.8 19.4 29.0

59 11.2 8.7 13.1

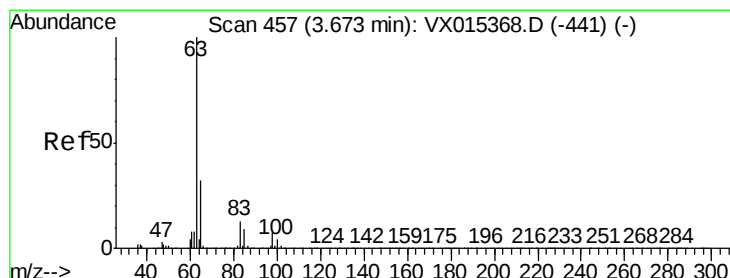
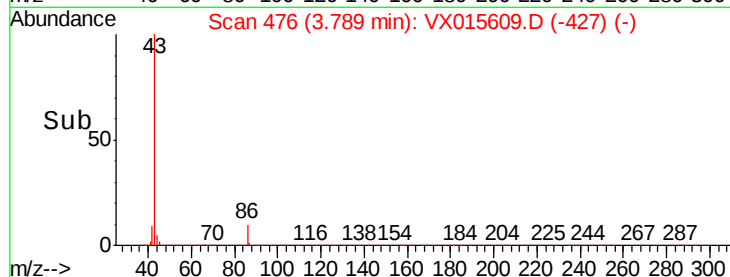
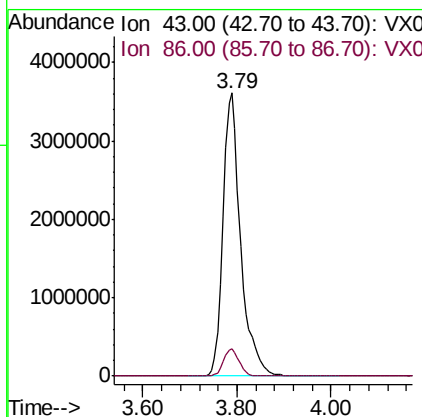
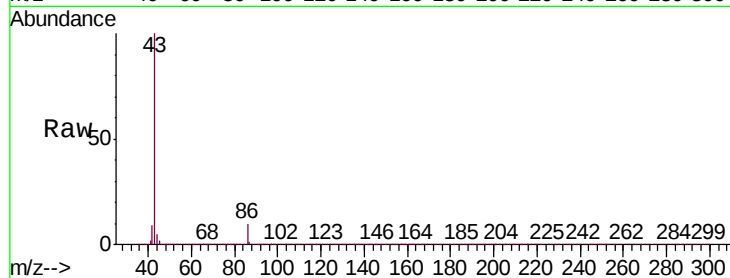




#23
 Vinyl Acetate
 Concen: 234.464 ug/l
 RT: 3.79 min Scan# 476
 Delta R.T. 0.00 min
 Lab File: VX015609.D
 Acq: 09 Apr 2020 20:08

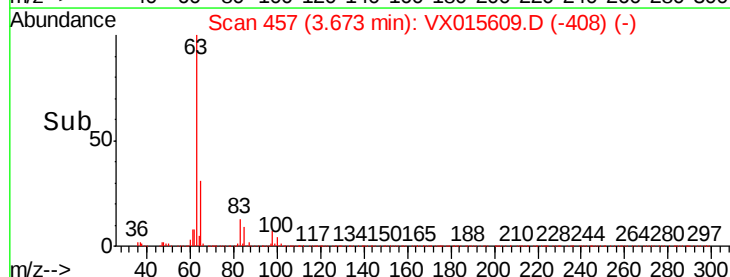
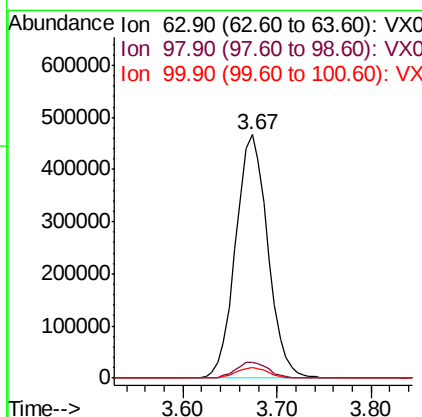
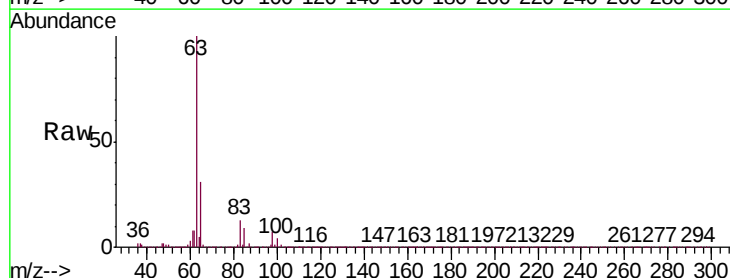
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

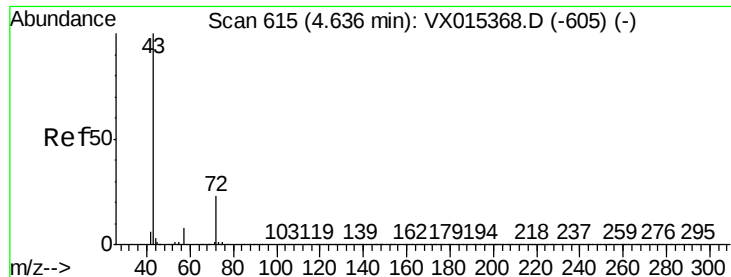
Tgt Ion: 43 Resp: 9331753
 Ion Ratio Lower Upper
 43 100
 86 9.7 7.8 11.6



#24
 1,1-Dichloroethane
 Concen: 47.980 ug/l
 RT: 3.67 min Scan# 457
 Delta R.T. 0.00 min
 Lab File: VX015609.D
 Acq: 09 Apr 2020 20:08

Tgt Ion: 63 Resp: 1110478
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.3 9.8
 100 4.3 2.1 6.5





#25

2-Butanone

Concen: 232.489 ug/l

RT: 4.64 min Scan# 615

Delta R.T. -0.00 min

Lab File: VX015609.D

Acq: 09 Apr 2020 20:08

Instrument :

MSVOA_X

ClientSampleId :

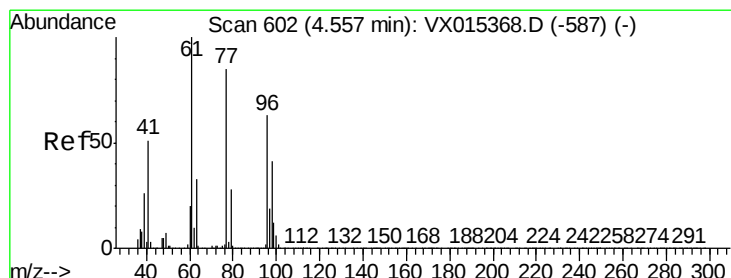
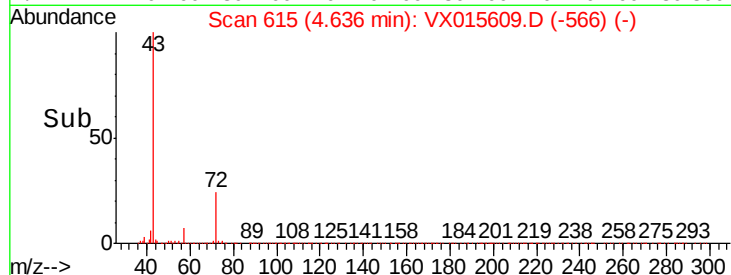
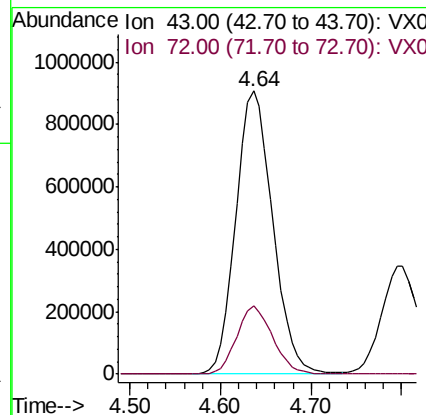
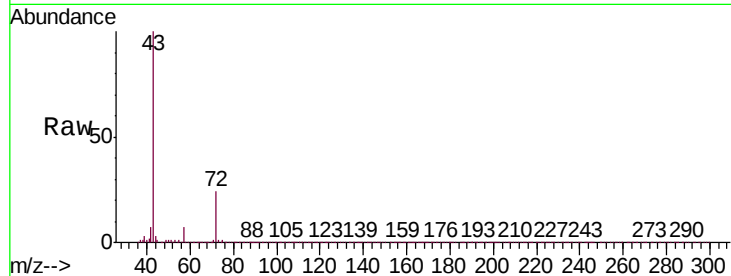
VSTDCCC050EC

Tgt Ion: 43 Resp: 2547722

Ion Ratio Lower Upper

43 100

72 24.3 19.0 28.4



#26

2,2-Dichloropropane

Concen: 44.888 ug/l

RT: 4.55 min Scan# 601

Delta R.T. -0.01 min

Lab File: VX015609.D

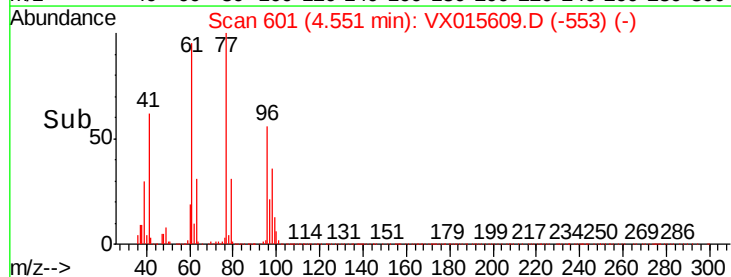
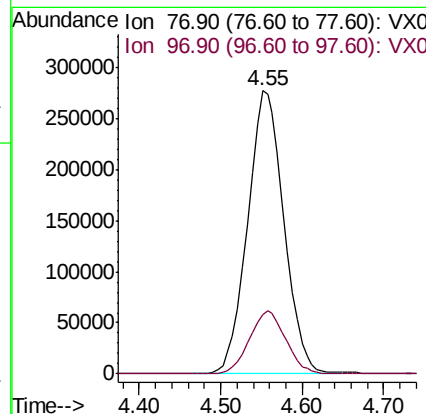
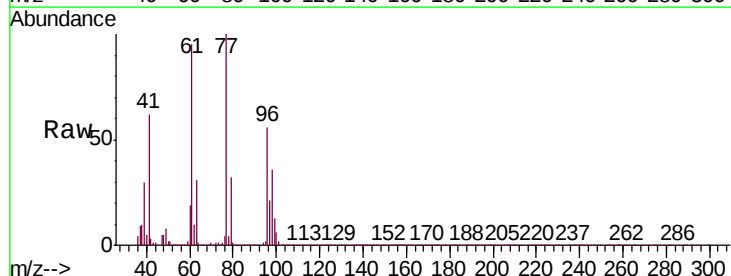
Acq: 09 Apr 2020 20:08

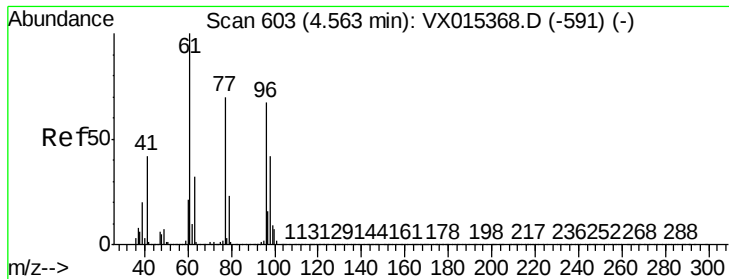
Tgt Ion: 77 Resp: 852760

Ion Ratio Lower Upper

77 100

97 22.3 11.3 33.8



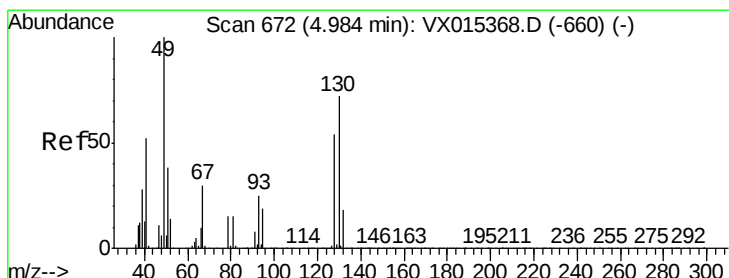
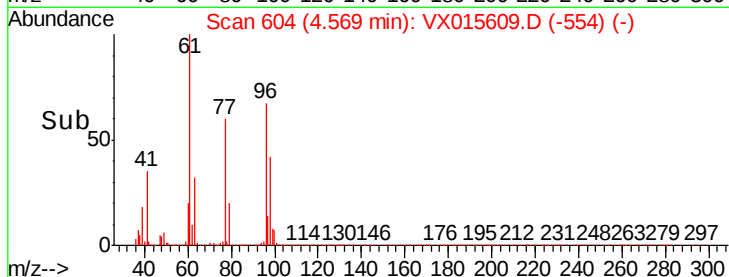
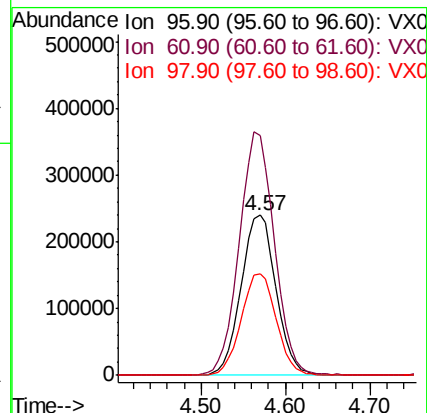
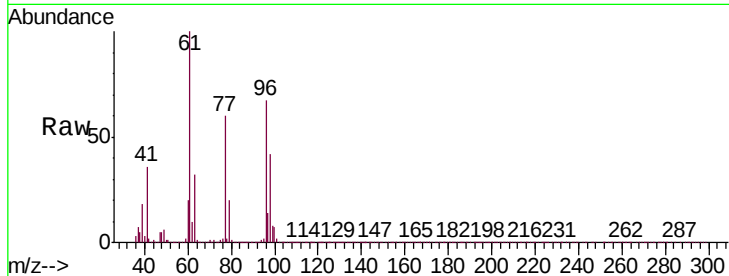


#27

cis-1,2-Dichloroethene
Concen: 49.121 ug/l
RT: 4.57 min Scan# 604
Delta R.T. 0.01 min
Lab File: VX015609.D
Acq: 09 Apr 2020 20:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

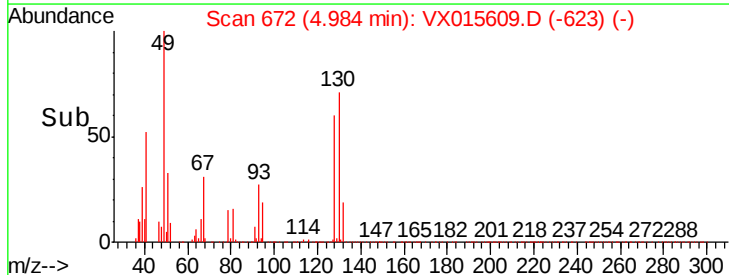
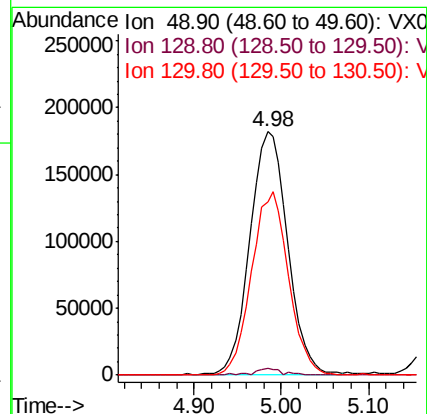
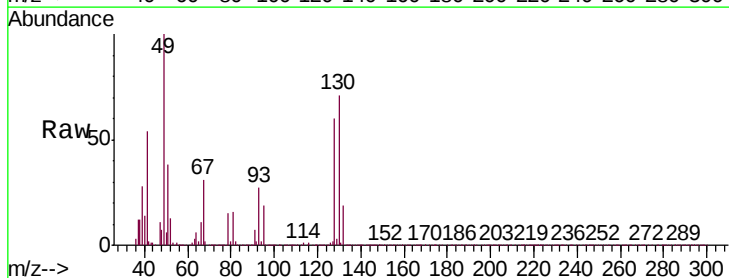
Tgt Ion	Ratio	Lower	Upper
96	100		
61	153.4	0.0	308.4
98	63.8	0.0	129.2

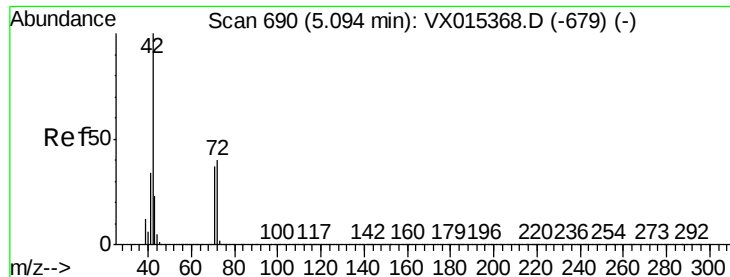


#28

Bromochloromethane
Concen: 49.436 ug/l
RT: 4.98 min Scan# 672
Delta R.T. -0.00 min
Lab File: VX015609.D
Acq: 09 Apr 2020 20:08

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.6	0.0	4.4
130	73.5	57.7	86.5





#29

Tetrahydrofuran

Concen: 234.625 ug/l

RT: 5.09 min Scan# 690

Delta R.T. -0.00 min

Lab File: VX015609.D

Acq: 09 Apr 2020 20:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

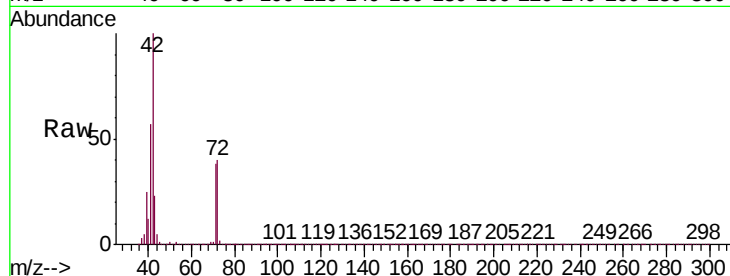
Tgt Ion: 42 Resp: 1652909

Ion Ratio Lower Upper

42 100

72 40.0 31.7 47.5

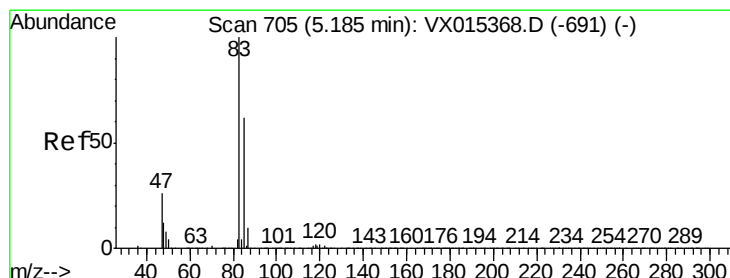
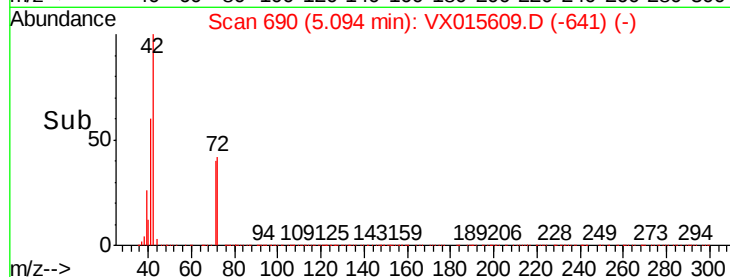
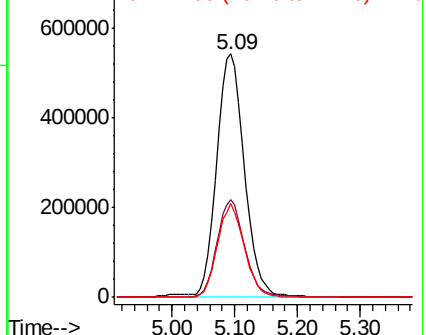
71 37.1 29.6 44.4



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 48.943 ug/l

RT: 5.18 min Scan# 704

Delta R.T. -0.01 min

Lab File: VX015609.D

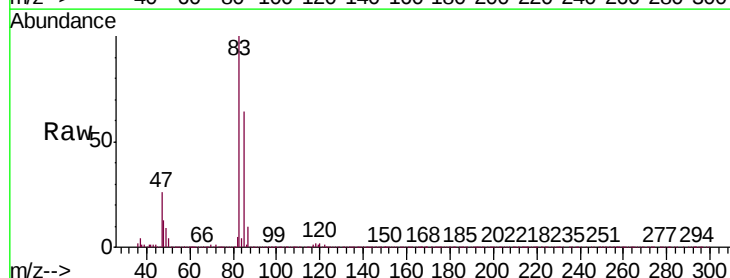
Acq: 09 Apr 2020 20:08

Tgt Ion: 83 Resp: 1089838

Ion Ratio Lower Upper

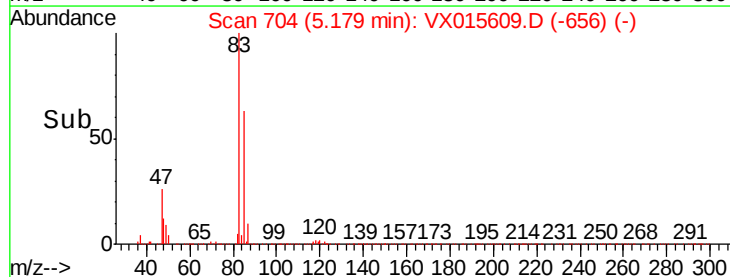
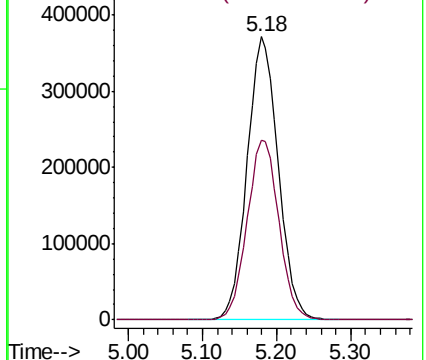
83 100

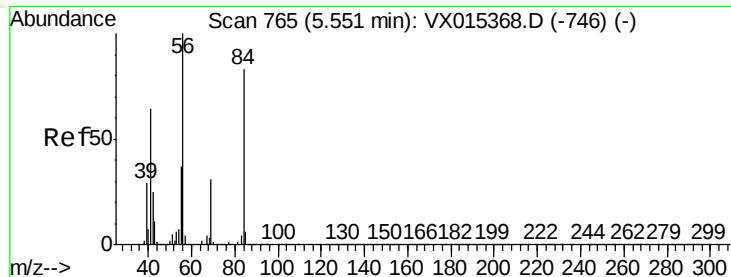
85 63.5 49.5 74.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

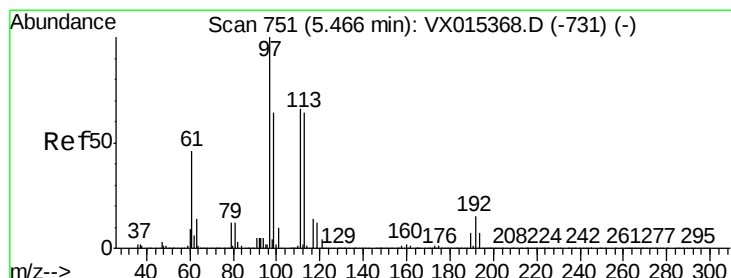
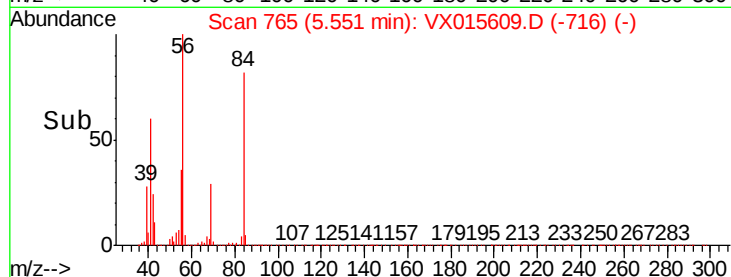
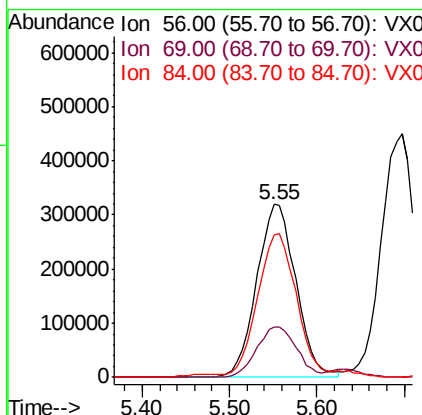
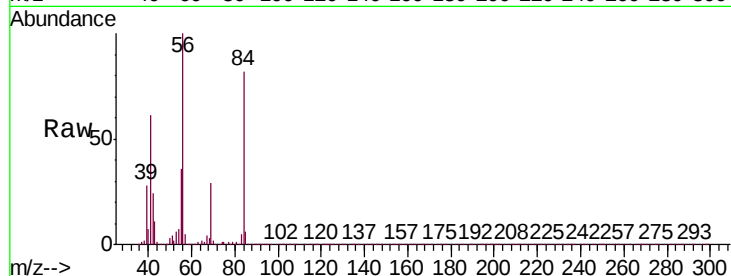




#31
Cyclohexane
Concen: 49.331 ug/l
RT: 5.55 min Scan# 765
Delta R.T. 0.00 min
Lab File: VX015609.D
Acq: 09 Apr 2020 20:08

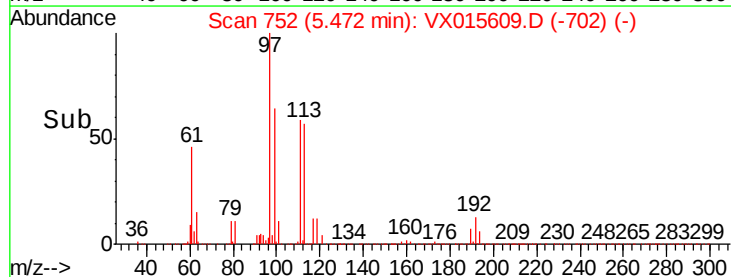
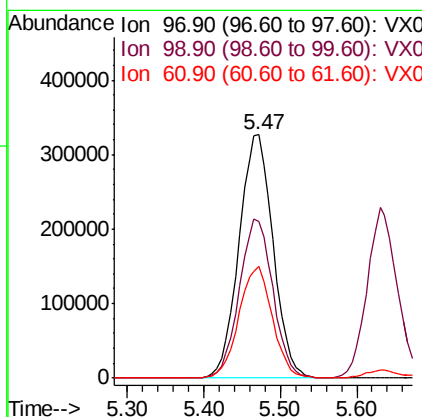
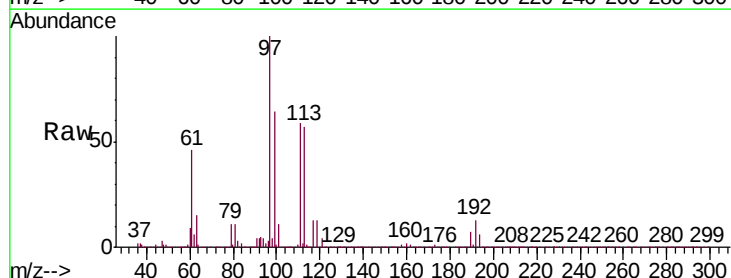
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

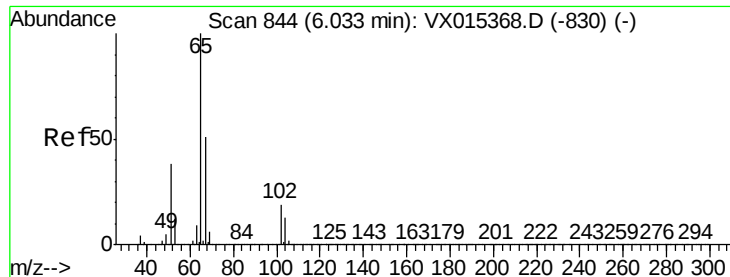
Tgt Ion: 56 Resp: 990463
Ion Ratio Lower Upper
56 100
69 29.4 24.6 36.8
84 81.0 66.1 99.1



#32
1,1,1-Trichloroethane
Concen: 49.986 ug/l
RT: 5.47 min Scan# 752
Delta R.T. 0.01 min
Lab File: VX015609.D
Acq: 09 Apr 2020 20:08

Tgt Ion: 97 Resp: 1007322
Ion Ratio Lower Upper
97 100
99 64.6 51.0 76.4
61 45.0 36.1 54.1

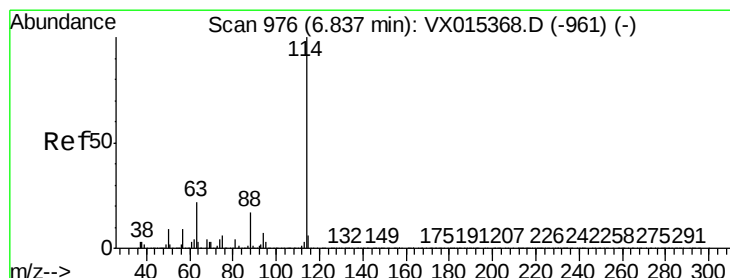
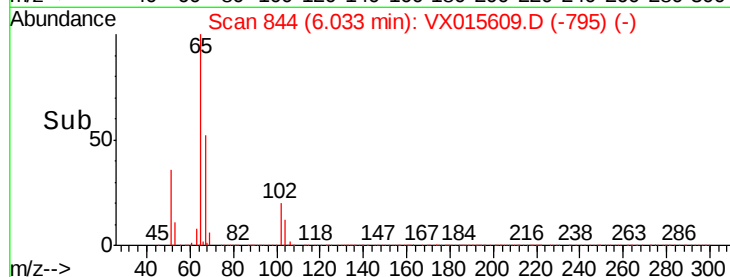
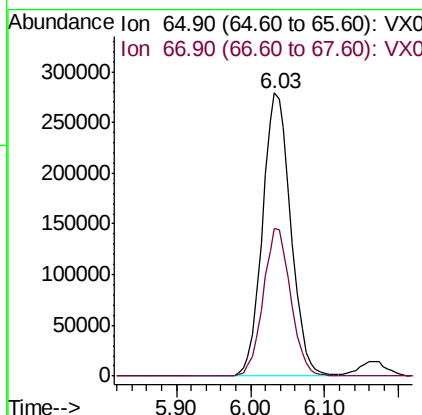
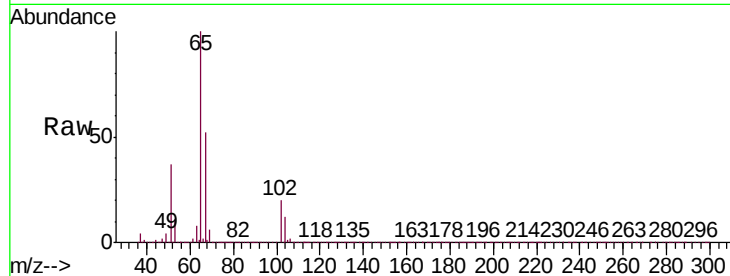




#33
 1,2-Dichloroethane-d4
 Concen: 46.710 ug/l
 RT: 6.03 min Scan# 844
 Delta R.T. 0.00 min
 Lab File: VX015609.D
 Acq: 09 Apr 2020 20:08

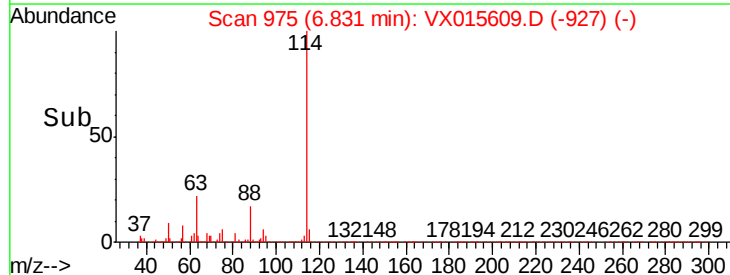
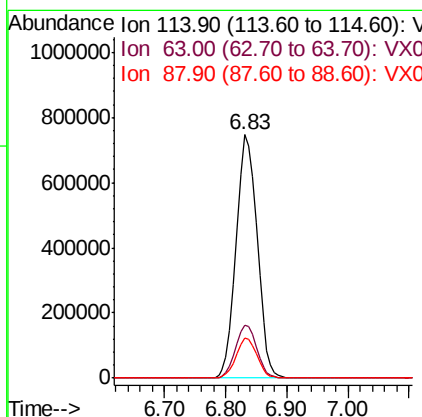
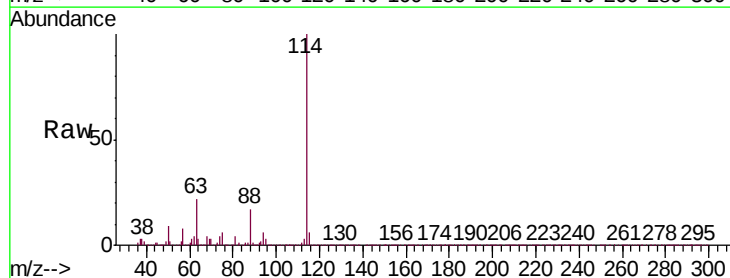
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 65 Resp: 740852
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 975
 Delta R.T. -0.01 min
 Lab File: VX015609.D
 Acq: 09 Apr 2020 20:08

Tgt Ion: 114 Resp: 1767810
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 44.2
 88 16.6 0.0 33.8

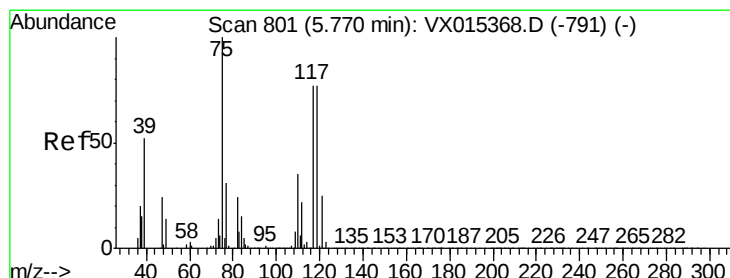
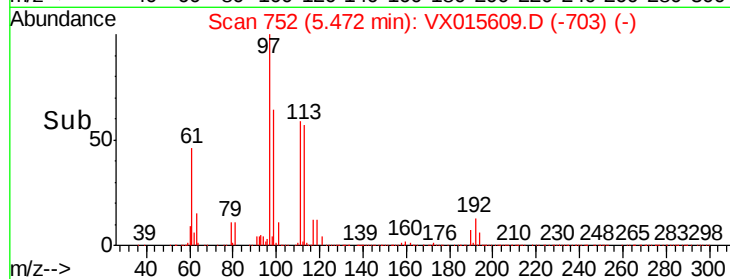
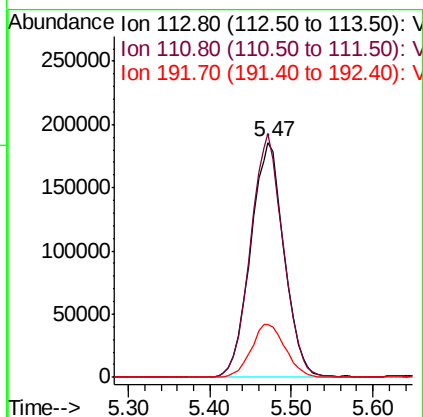
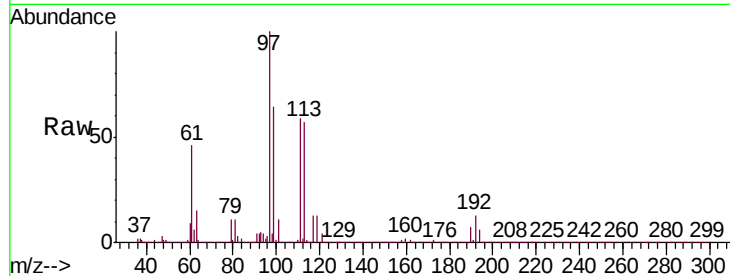




#35
 Dibromofluoromethane
 Concen: 46.880 ug/l
 RT: 5.47 min Scan# 752
 Delta R.T. -0.00 min
 Lab File: VX015609.D
 Acq: 09 Apr 2020 20:08

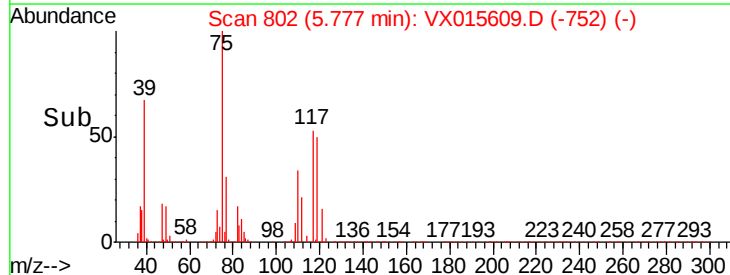
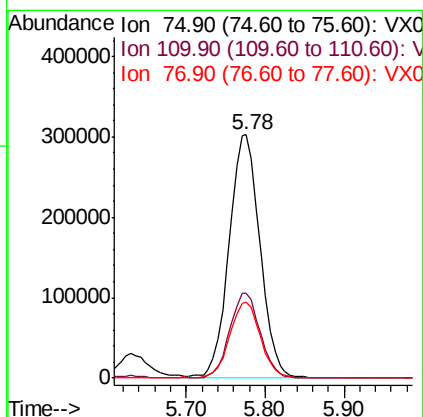
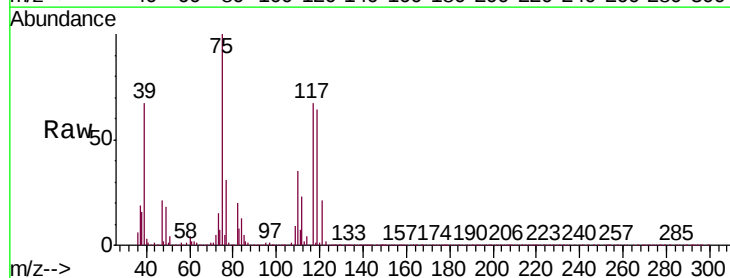
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

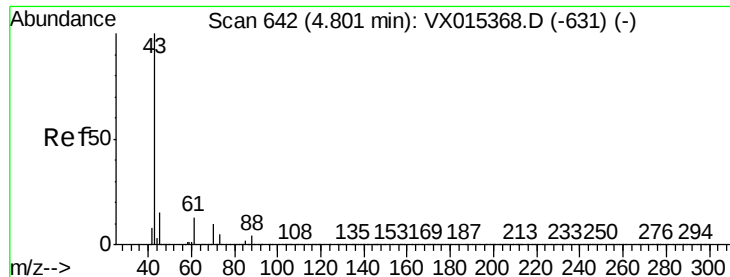
Tgt Ion: 113 Resp: 529760
 Ion Ratio Lower Upper
 113 100
 111 101.6 81.5 122.3
 192 23.1 17.8 26.6



#36
 1,1-Dichloropropene
 Concen: 50.271 ug/l
 RT: 5.78 min Scan# 802
 Delta R.T. 0.01 min
 Lab File: VX015609.D
 Acq: 09 Apr 2020 20:08

Tgt Ion: 75 Resp: 818830
 Ion Ratio Lower Upper
 75 100
 110 34.5 17.1 51.3
 77 30.8 24.6 36.8



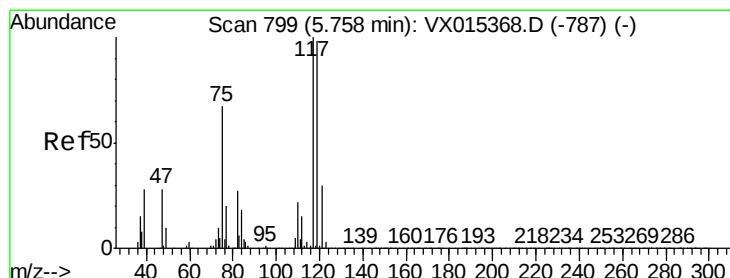
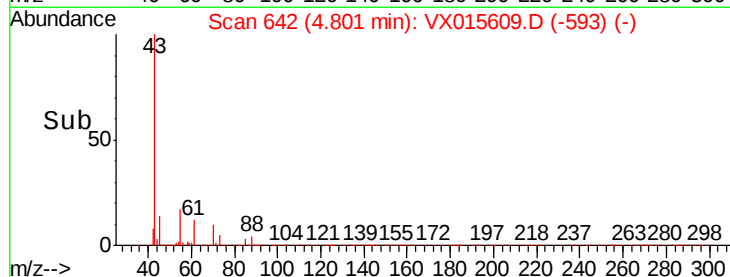
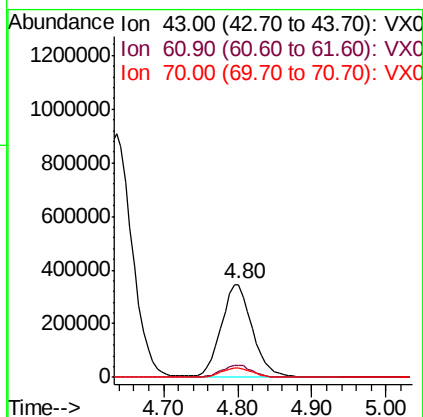
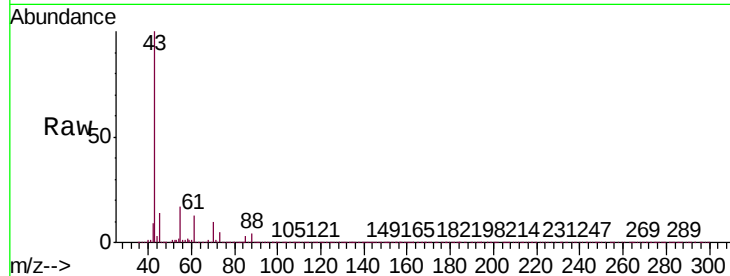


#37
Ethyl Acetate
Concen: 47.354 ug/l
RT: 4.80 min Scan# 642
Delta R.T. 0.00 min
Lab File: VX015609.D
Acq: 09 Apr 2020 20:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 1004317

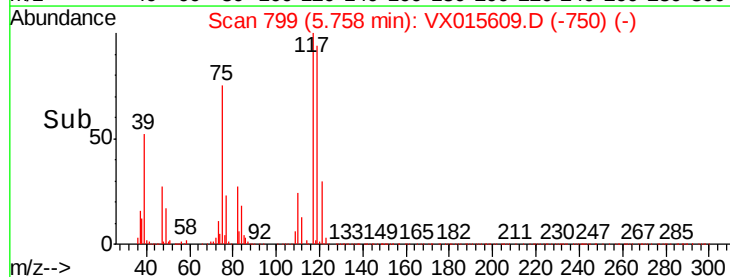
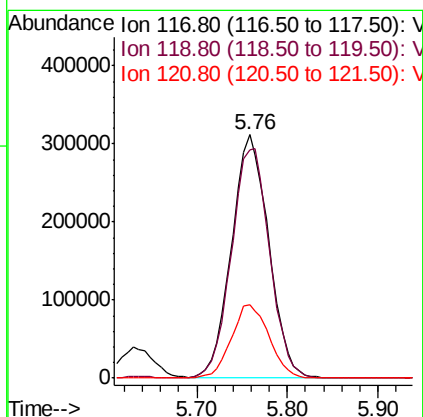
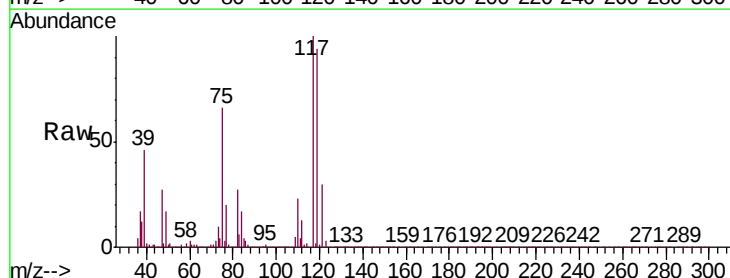
Ion	Ratio	Lower	Upper
43	100		
61	12.6	9.9	14.9
70	9.9	8.1	12.1

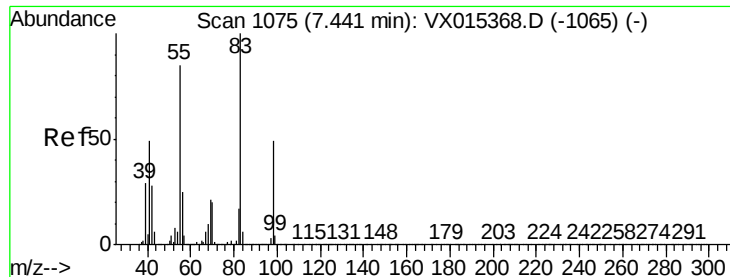


#38
Carbon Tetrachloride
Concen: 50.014 ug/l
RT: 5.76 min Scan# 799
Delta R.T. -0.00 min
Lab File: VX015609.D
Acq: 09 Apr 2020 20:08

Tgt Ion: 117 Resp: 882354

Ion	Ratio	Lower	Upper
117	100		
119	93.9	78.0	117.0
121	30.0	23.8	35.8

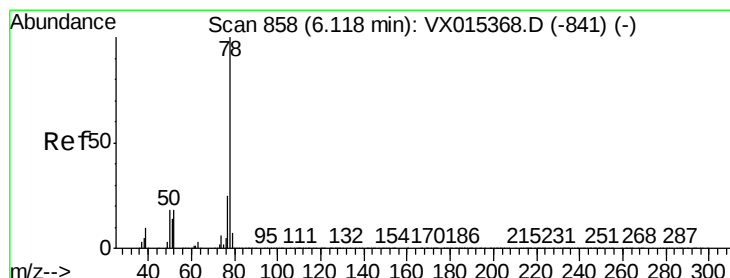
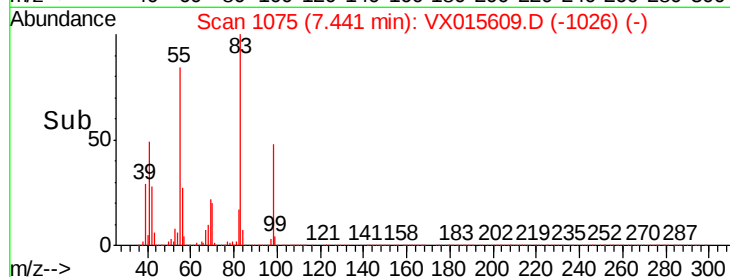
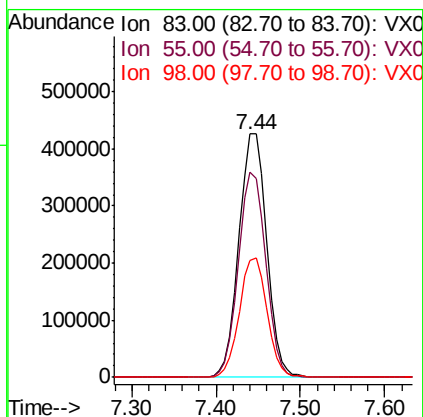
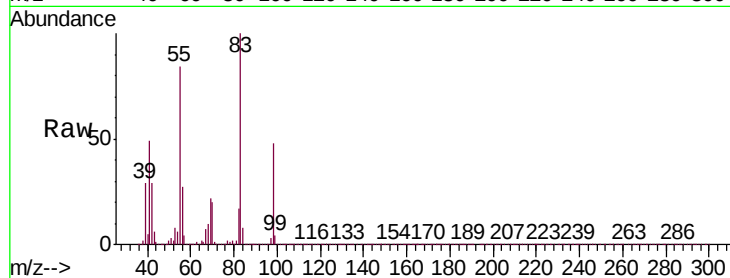




#39
Methylcyclohexane
Concen: 50.429 ug/l
RT: 7.44 min Scan# 1075
Delta R.T. 0.00 min
Lab File: VX015609.D
Acq: 09 Apr 2020 20:08

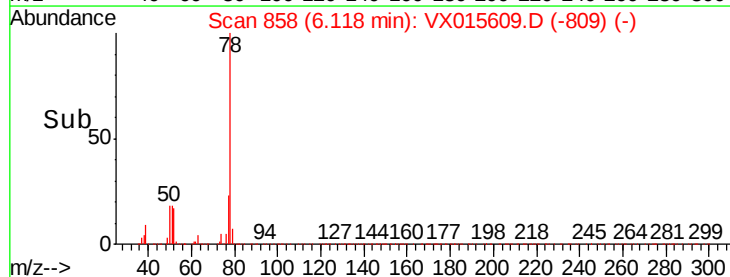
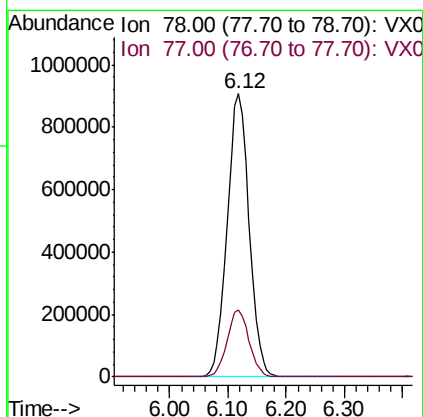
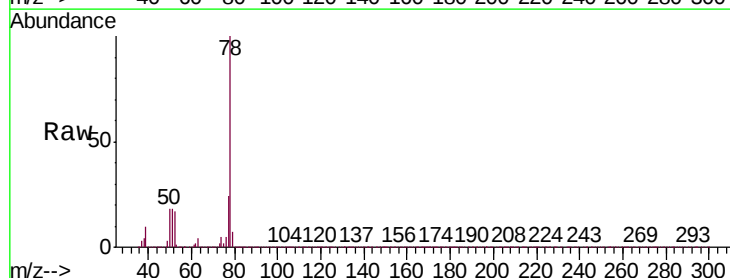
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

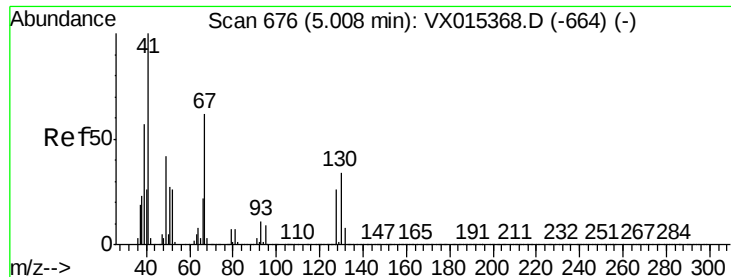
Tgt Ion	Ratio	Lower	Upper
83	100		
55	84.2	67.8	101.6
98	47.7	39.3	58.9



#40
Benzene
Concen: 49.808 ug/l
RT: 6.12 min Scan# 858
Delta R.T. 0.00 min
Lab File: VX015609.D
Acq: 09 Apr 2020 20:08

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	19.8	29.8

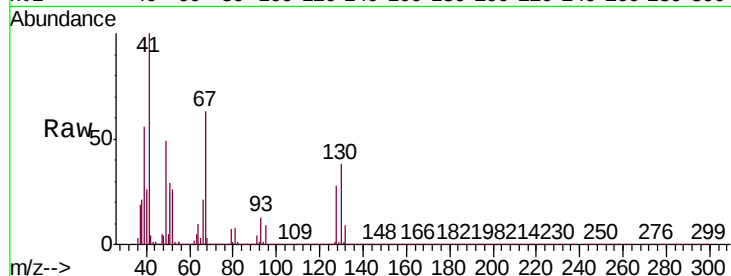




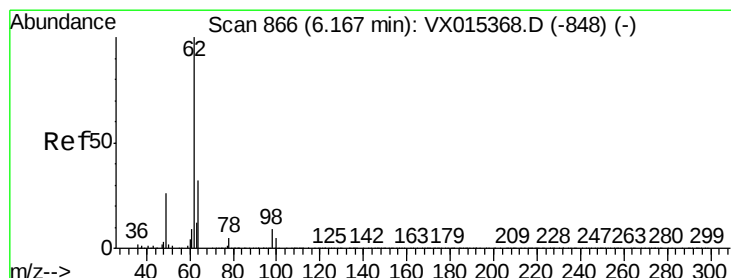
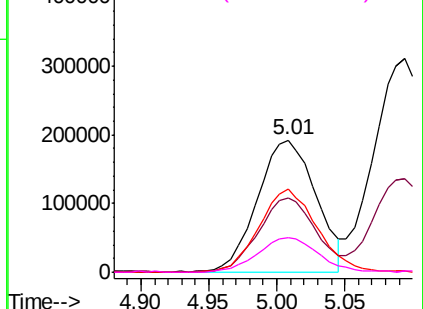
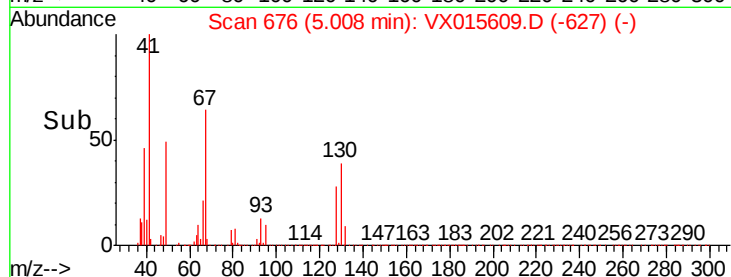
#41
Methacrylonitrile
Concen: 48.524 ug/l
RT: 5.01 min Scan# 676
Delta R.T. -0.00 min
Lab File: VX015609.D
Acq: 09 Apr 2020 20:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	41	Resp:	571289
Ion	Ratio	Lower	Upper
41	100		
39	57.2	44.5	66.7
67	62.6	48.9	73.3
52	27.0	21.8	32.6

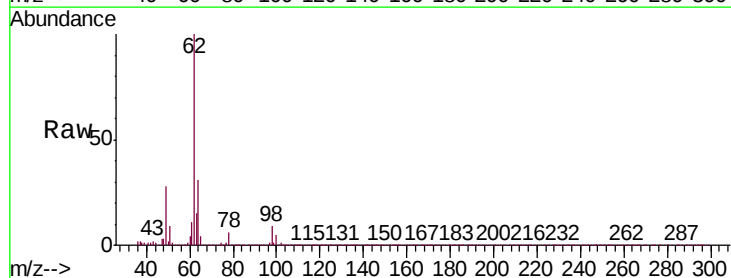


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

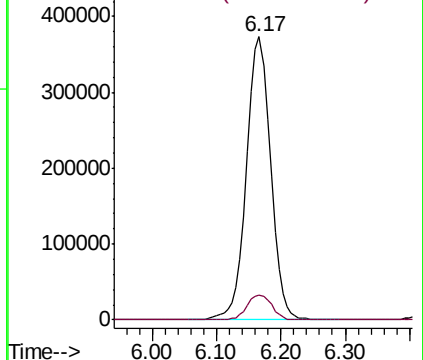
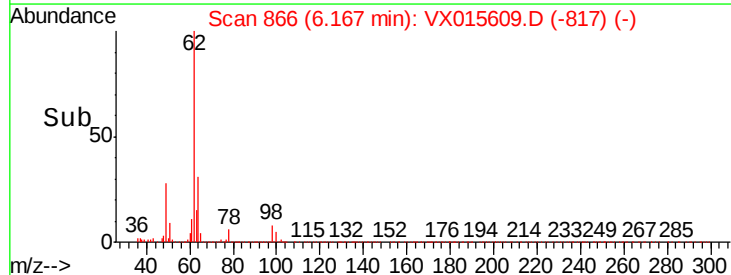


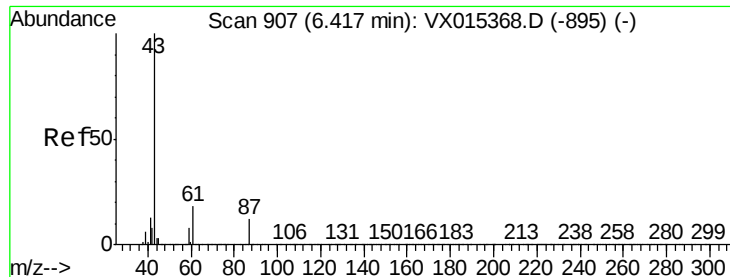
#42
1,2-Dichloroethane
Concen: 50.213 ug/l
RT: 6.17 min Scan# 866
Delta R.T. -0.00 min
Lab File: VX015609.D
Acq: 09 Apr 2020 20:08

Tgt Ion:	62	Resp:	962351
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	17.6



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 48.106 ug/l

RT: 6.42 min Scan# 907

Delta R.T. -0.00 min

Lab File: VX015609.D

Acq: 09 Apr 2020 20:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

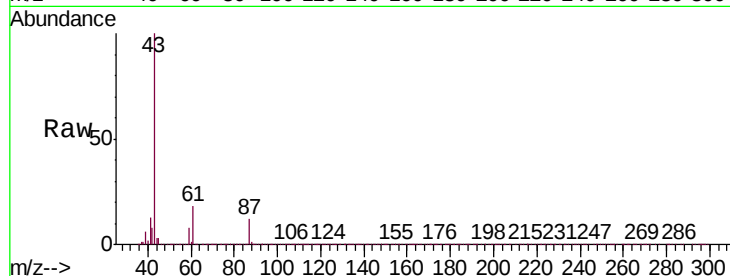
Tgt Ion: 43 Resp: 1722310

Ion Ratio Lower Upper

43 100

61 19.1 14.8 22.2

87 11.7 9.4 14.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

800000

600000

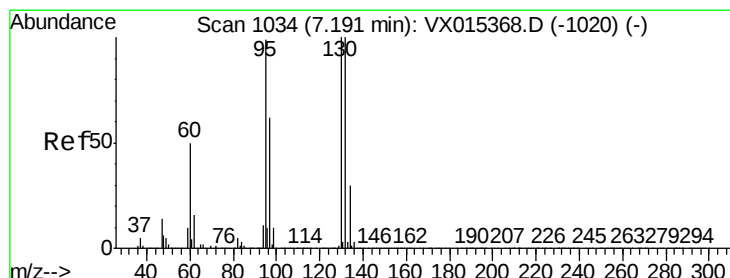
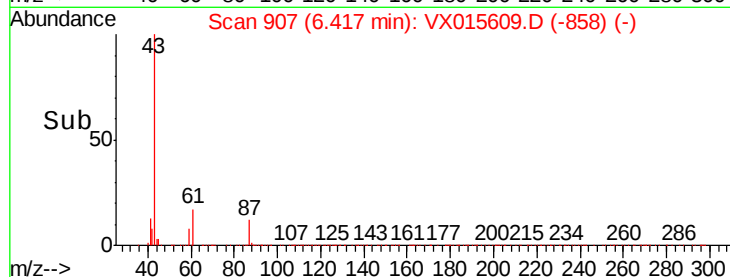
400000

200000

0

6.30 6.40 6.50

Time-->



#44

Trichloroethene

Concen: 51.793 ug/l

RT: 7.19 min Scan# 1034

Delta R.T. 0.00 min

Lab File: VX015609.D

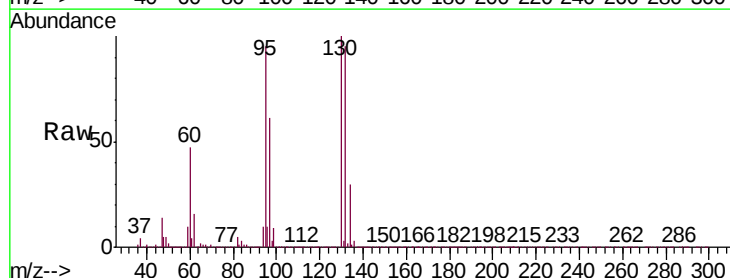
Acq: 09 Apr 2020 20:08

Tgt Ion: 130 Resp: 673962

Ion Ratio Lower Upper

130 100

95 95.0 0.0 199.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

300000

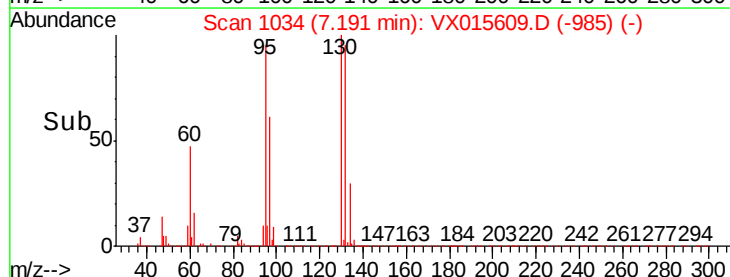
200000

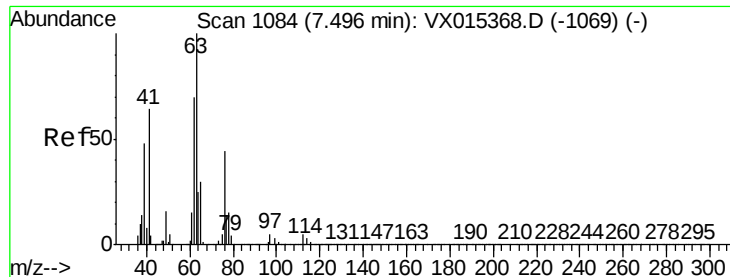
100000

0

7.10 7.20 7.30

Time-->

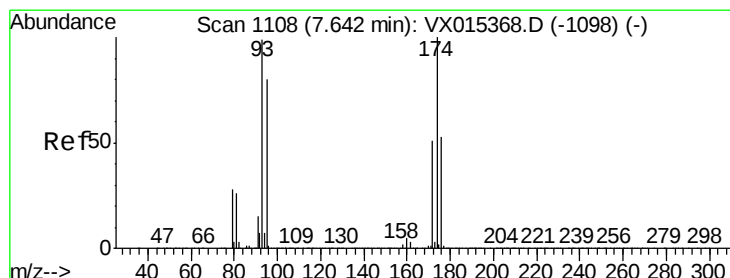
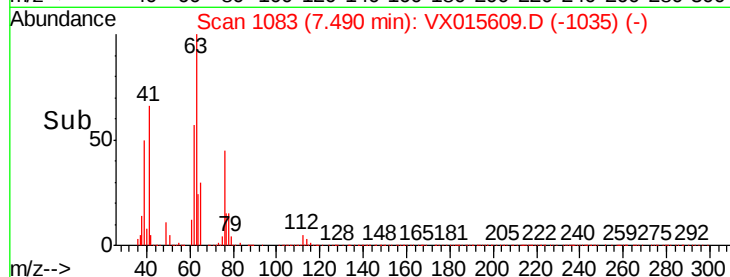
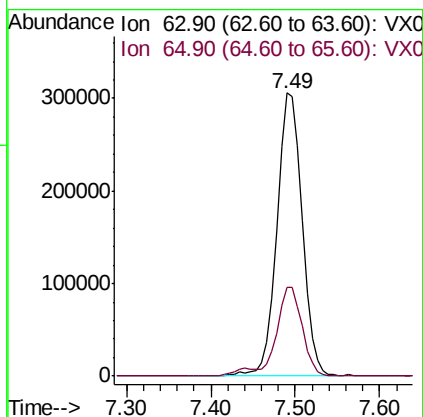
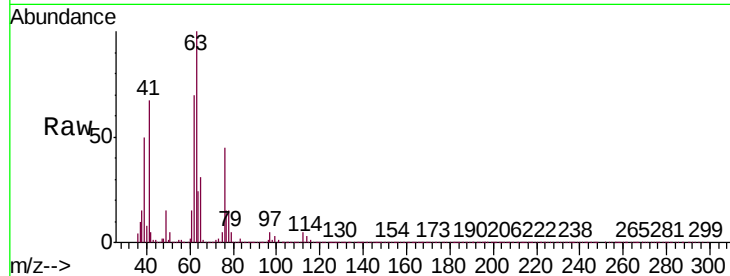




#45
 1,2-Dichloropropane
 Concen: 49.012 ug/l
 RT: 7.49 min Scan# 1083
 Delta R.T. -0.01 min
 Lab File: VX015609.D
 Acq: 09 Apr 2020 20:08

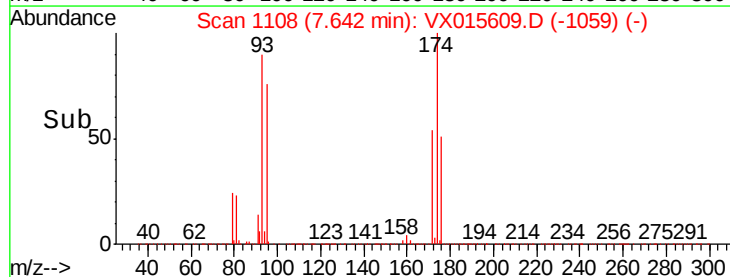
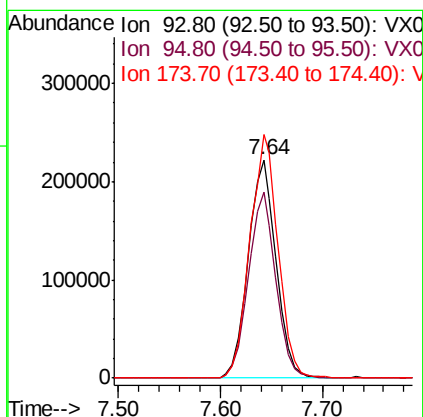
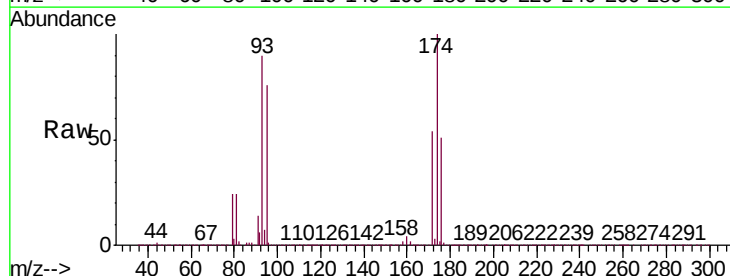
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

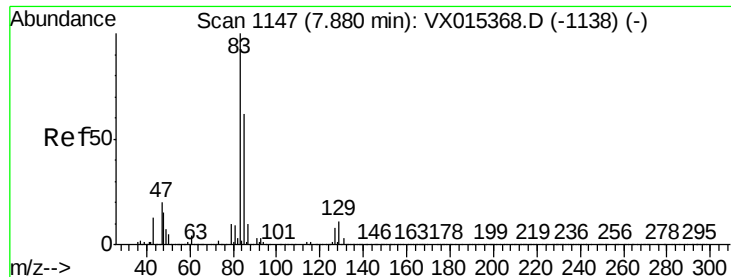
Tgt Ion: 63 Resp: 639724
 Ion Ratio Lower Upper
 63 100
 65 31.2 23.9 35.9



#46
 Dibromomethane
 Concen: 49.439 ug/l
 RT: 7.64 min Scan# 1108
 Delta R.T. 0.00 min
 Lab File: VX015609.D
 Acq: 09 Apr 2020 20:08

Tgt Ion: 93 Resp: 423301
 Ion Ratio Lower Upper
 93 100
 95 83.2 65.8 98.8
 174 112.6 86.2 129.2

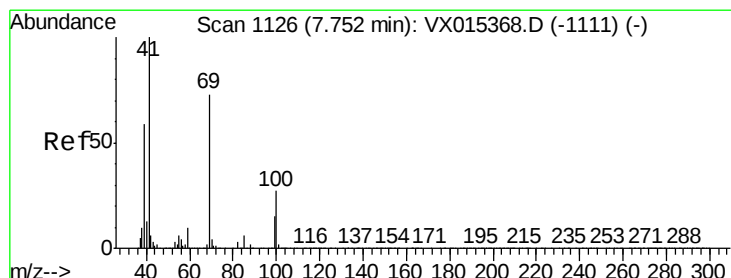
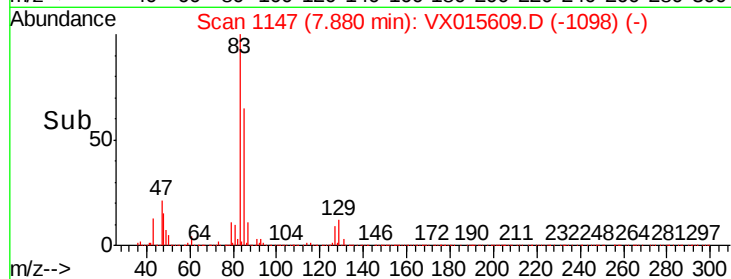
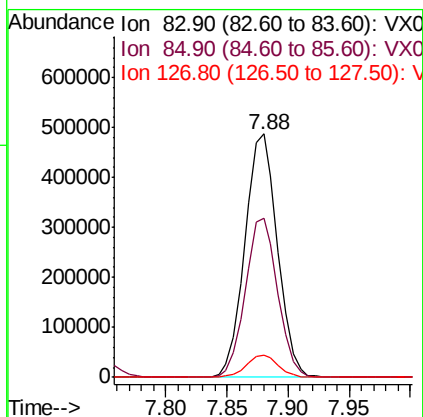
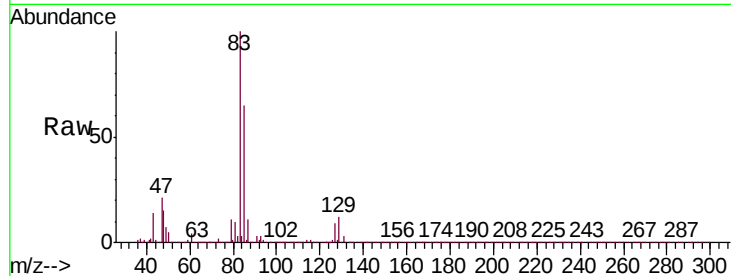




#47
Bromodichloromethane
Concen: 49.279 ug/l
RT: 7.88 min Scan# 1147
Delta R.T. 0.00 min
Lab File: VX015609.D
Acq: 09 Apr 2020 20:08

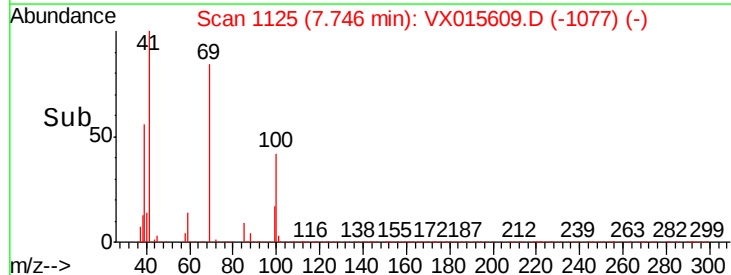
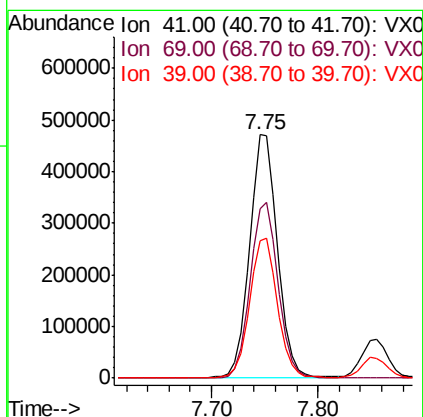
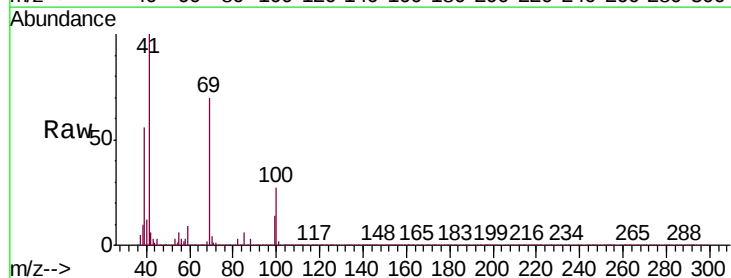
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

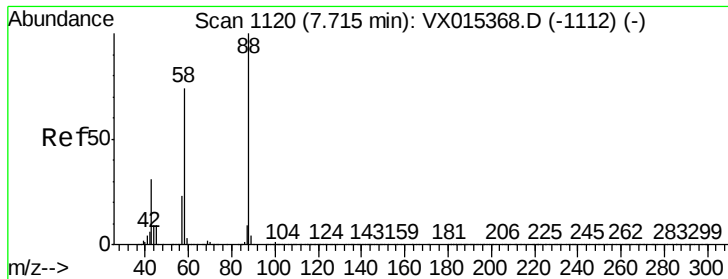
Tgt Ion: 83 Resp: 899052
Ion Ratio Lower Upper
83 100
85 65.1 49.7 74.5
127 9.0 6.7 10.1



#48
Methyl methacrylate
Concen: 48.315 ug/l
RT: 7.75 min Scan# 1125
Delta R.T. -0.01 min
Lab File: VX015609.D
Acq: 09 Apr 2020 20:08

Tgt Ion: 41 Resp: 864007
Ion Ratio Lower Upper
41 100
69 72.1 56.7 85.1
39 57.1 46.5 69.7

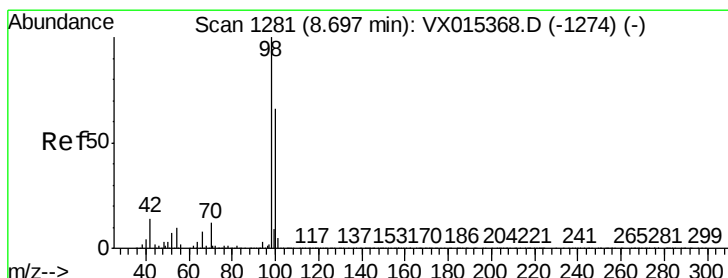
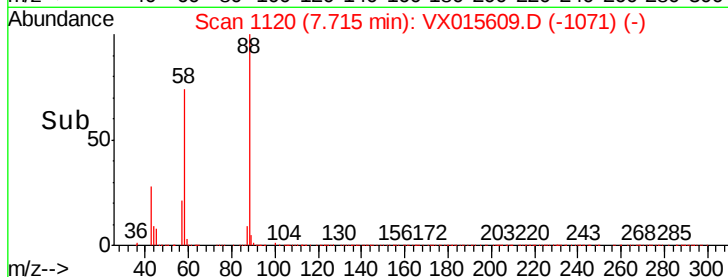
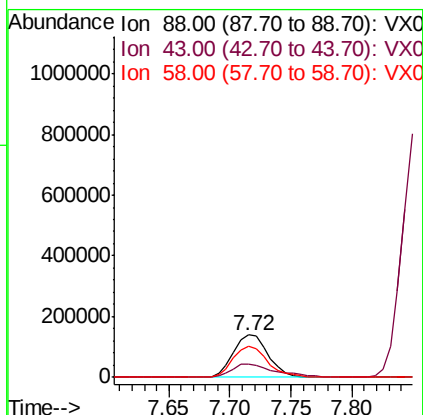
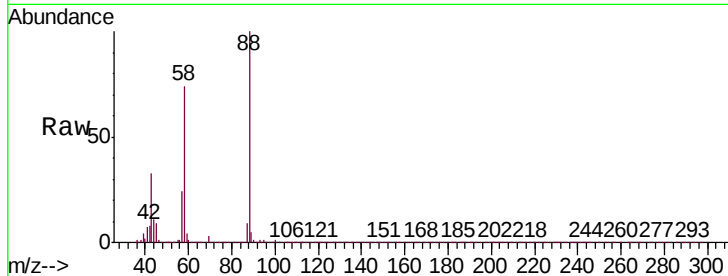




#49
1,4-Dioxane
Concen: 817.523 ug/l
RT: 7.72 min Scan# 1120
Delta R.T. -0.00 min
Lab File: VX015609.D
Acq: 09 Apr 2020 20:08

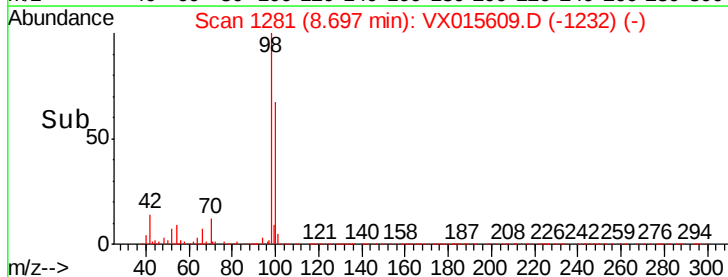
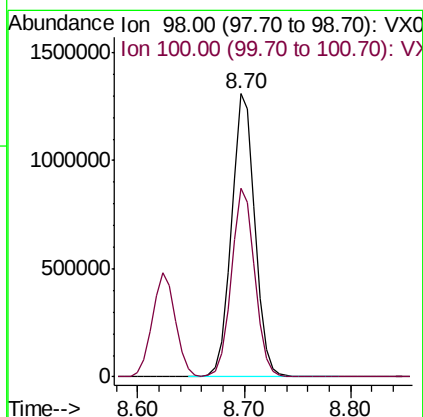
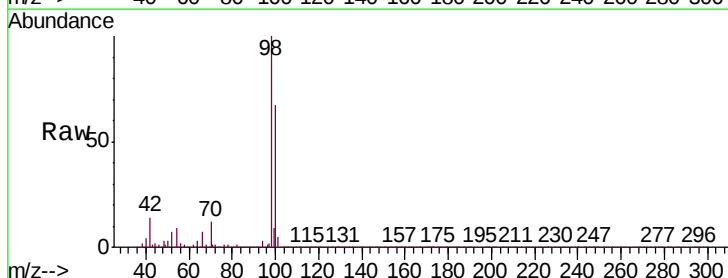
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

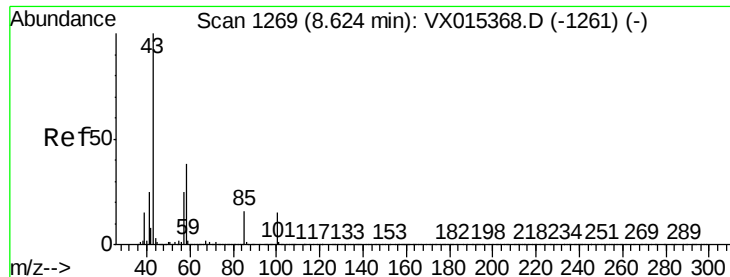
Tgt Ion: 88 Resp: 272730
Ion Ratio Lower Upper
88 100
43 38.8 30.1 45.1
58 74.6 60.6 90.8



#50
Toluene-d8
Concen: 48.243 ug/l
RT: 8.70 min Scan# 1281
Delta R.T. -0.00 min
Lab File: VX015609.D
Acq: 09 Apr 2020 20:08

Tgt Ion: 98 Resp: 2007146
Ion Ratio Lower Upper
98 100
100 66.8 53.5 80.3

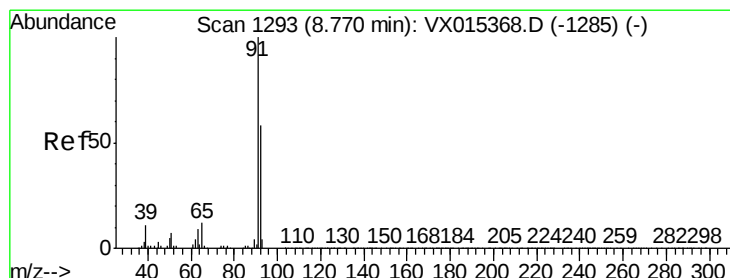
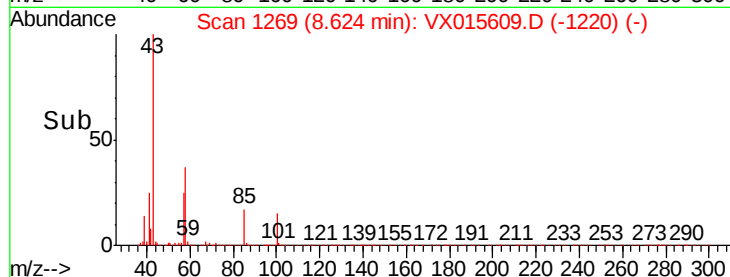
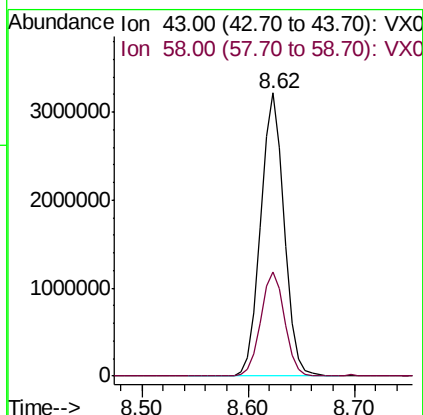
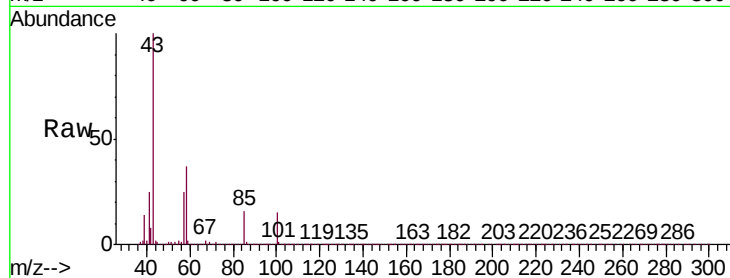




#51
 4-Methyl-2-Pentanone
 Concen: 245.363 ug/l
 RT: 8.62 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VX015609.D
 Acq: 09 Apr 2020 20:08

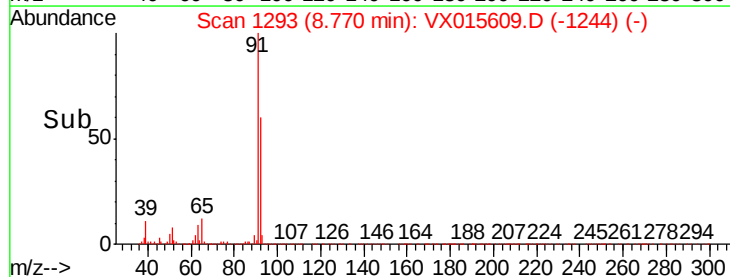
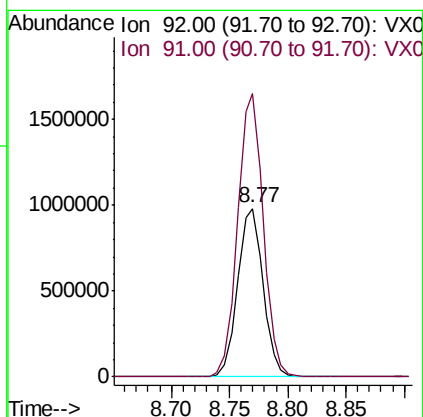
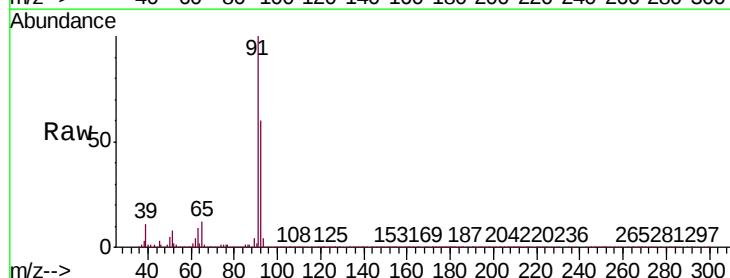
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 4978404
 Ion Ratio Lower Upper
 43 100
 58 37.2 29.7 44.5



#52
 Toluene
 Concen: 51.043 ug/l
 RT: 8.77 min Scan# 1293
 Delta R.T. 0.00 min
 Lab File: VX015609.D
 Acq: 09 Apr 2020 20:08

Tgt Ion: 92 Resp: 1501502
 Ion Ratio Lower Upper
 92 100
 91 168.2 136.6 205.0





#53

t-1,3-Dichloropropene

Concen: 47.681 ug/l

RT: 9.03 min Scan# 1335

Delta R.T. 0.00 min

Lab File: VX015609.D

Acq: 09 Apr 2020 20:08

Instrument :

MSVOA_X

ClientSampleId :

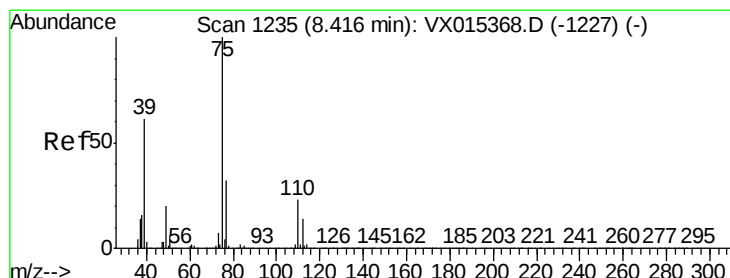
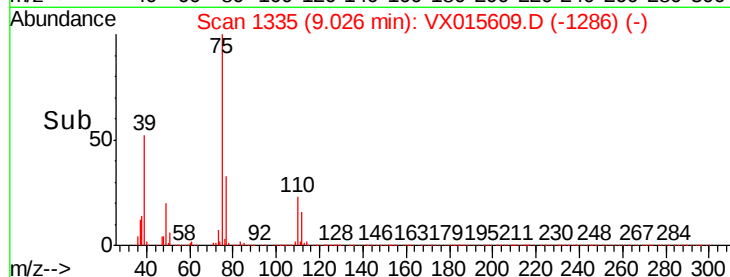
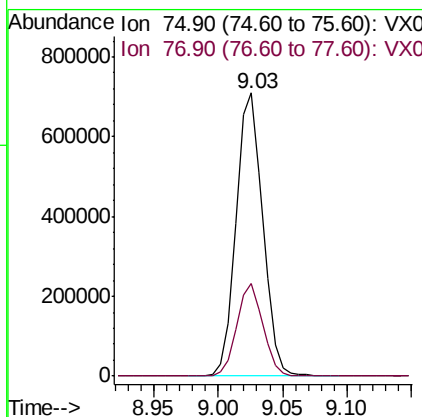
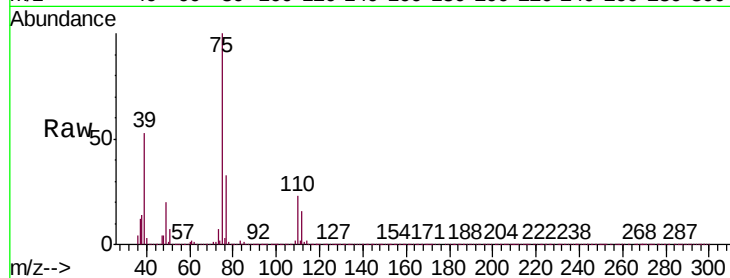
VSTDCCC050EC

Tgt Ion: 75 Resp: 1020237

Ion Ratio Lower Upper

75 100

77 32.8 24.1 36.1



#54

cis-1,3-Dichloropropene

Concen: 48.949 ug/l

RT: 8.42 min Scan# 1235

Delta R.T. 0.00 min

Lab File: VX015609.D

Acq: 09 Apr 2020 20:08

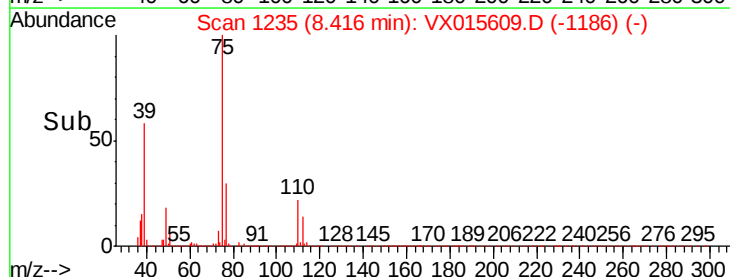
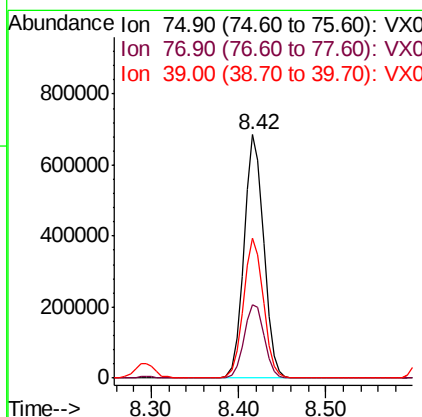
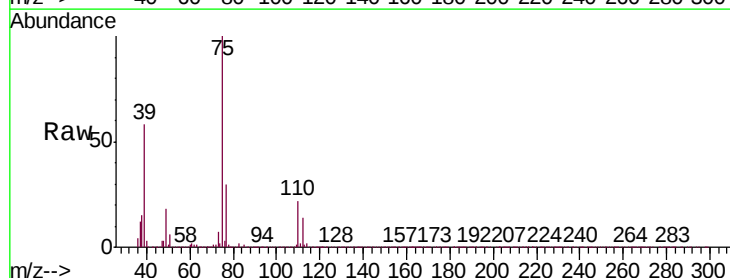
Tgt Ion: 75 Resp: 1066915

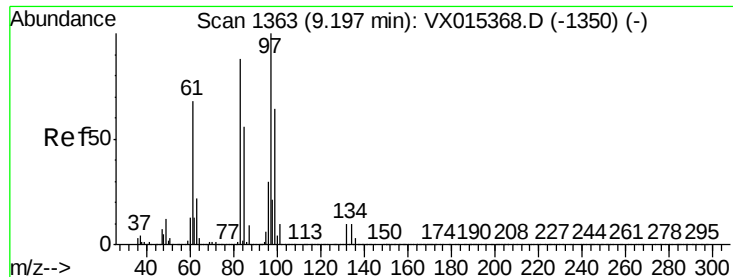
Ion Ratio Lower Upper

75 100

77 30.3 25.8 38.6

39 57.6 49.0 73.4

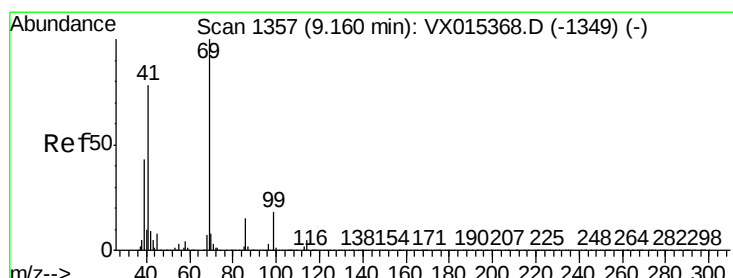
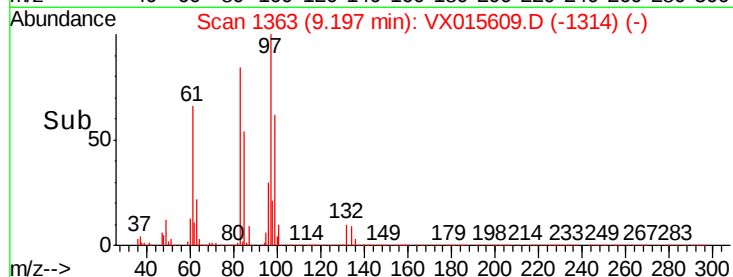
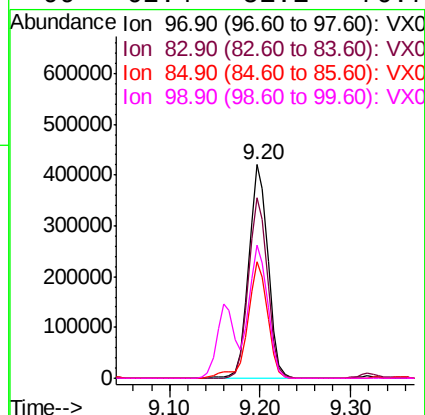
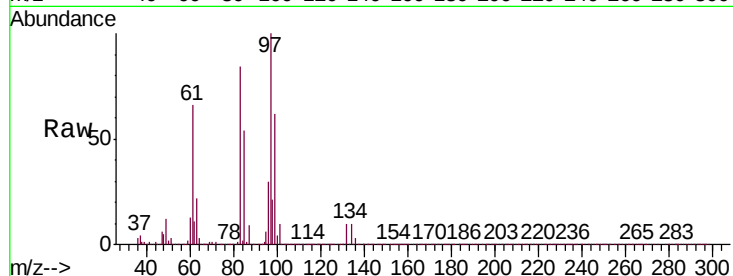




#55
 1,1,2-Trichloroethane
 Concen: 51.056 ug/l
 RT: 9.20 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VX015609.D
 Acq: 09 Apr 2020 20:08

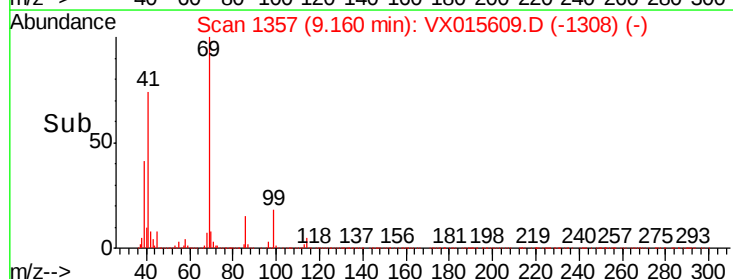
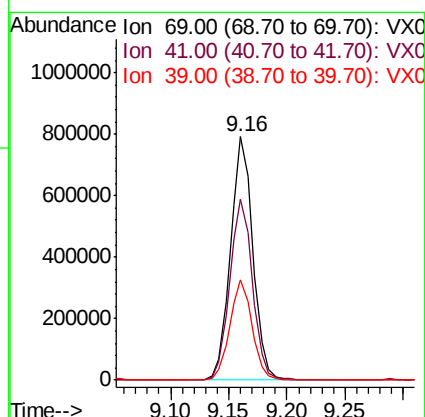
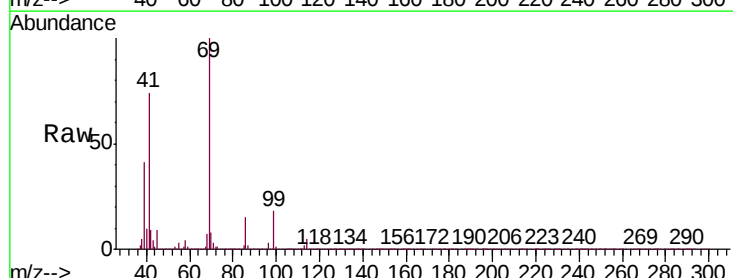
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

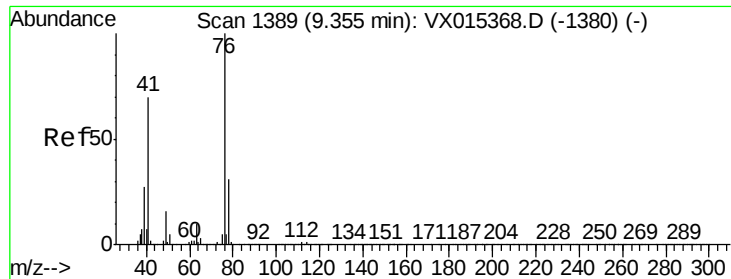
Tgt Ion:	97	Resp:	615328
Ion	Ratio	Lower	Upper
97	100		
83	84.3	70.2	105.4
85	54.3	44.7	67.1
99	62.4	51.1	76.7



#56
 Ethyl methacrylate
 Concen: 49.557 ug/l
 RT: 9.16 min Scan# 1357
 Delta R.T. 0.00 min
 Lab File: VX015609.D
 Acq: 09 Apr 2020 20:08

Tgt Ion:	69	Resp:	1052605
Ion	Ratio	Lower	Upper
69	100		
41	75.5	61.6	92.4
39	41.1	34.0	51.0





#57

1,3-Dichloropropane

Concen: 49.163 ug/l

RT: 9.36 min Scan# 1389

Delta R.T. -0.00 min

Lab File: VX015609.D

Acq: 09 Apr 2020 20:08

Instrument :

MSVOA_X

ClientSampleId :

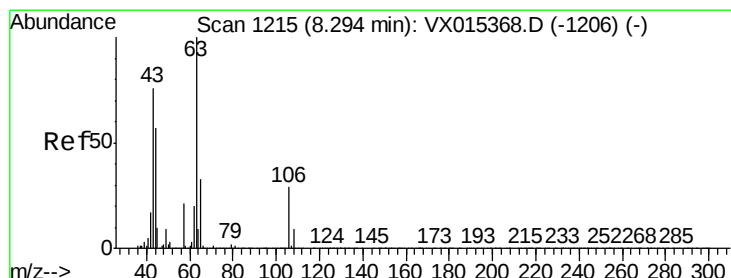
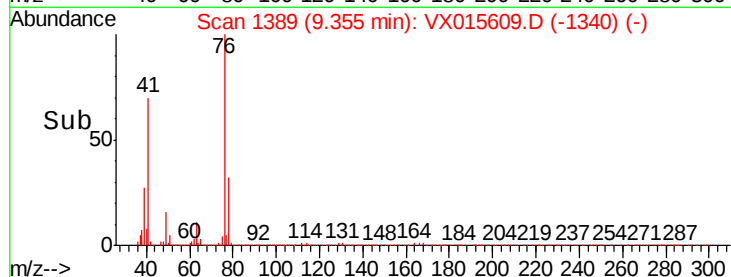
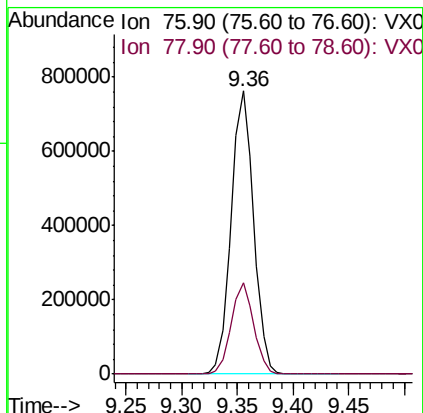
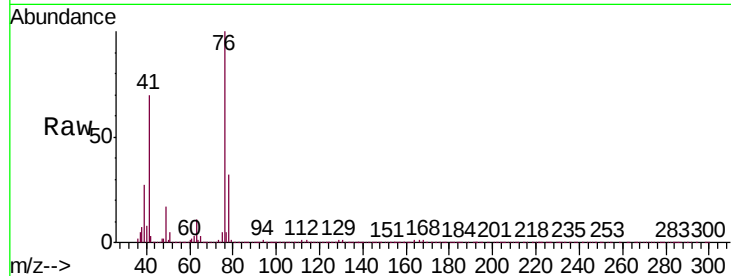
VSTDCCC050EC

Tgt Ion: 76 Resp: 1067522

Ion Ratio Lower Upper

76 100

78 32.1 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 253.940 ug/l

RT: 8.29 min Scan# 1215

Delta R.T. -0.00 min

Lab File: VX015609.D

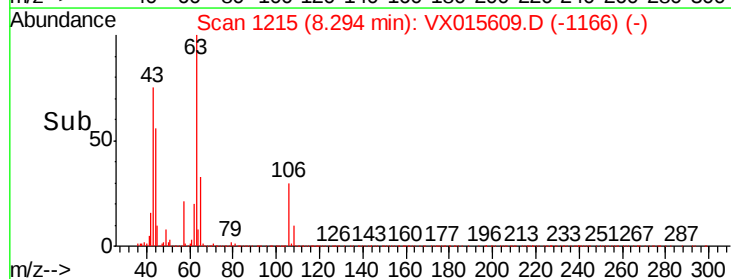
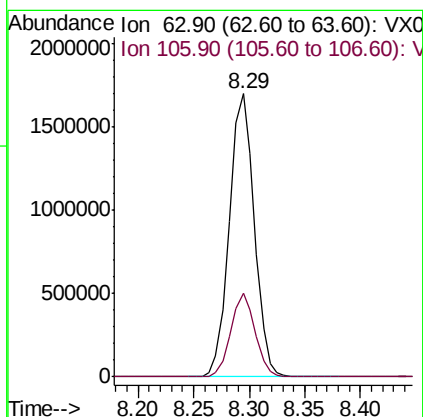
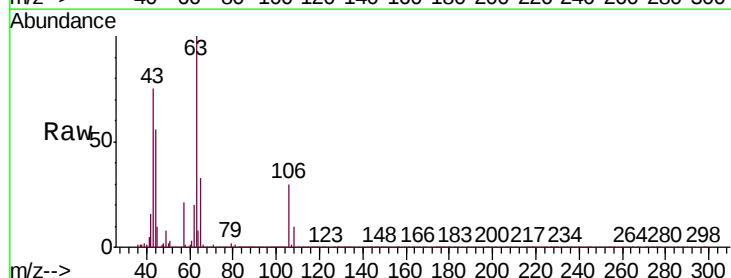
Acq: 09 Apr 2020 20:08

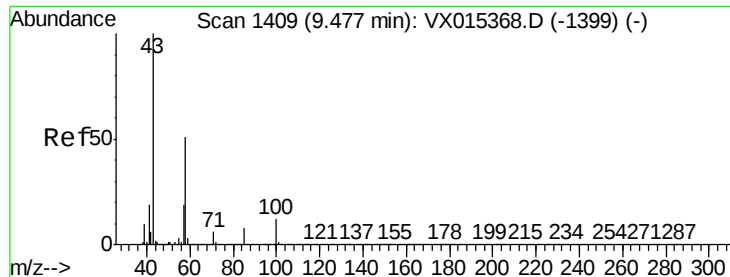
Tgt Ion: 63 Resp: 2623540

Ion Ratio Lower Upper

63 100

106 28.8 22.7 34.1

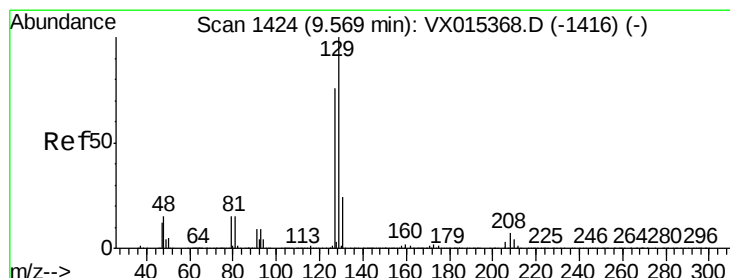
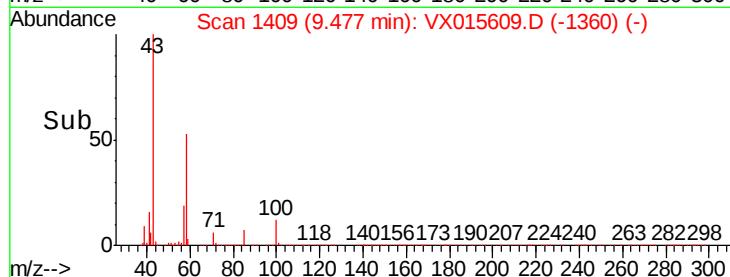
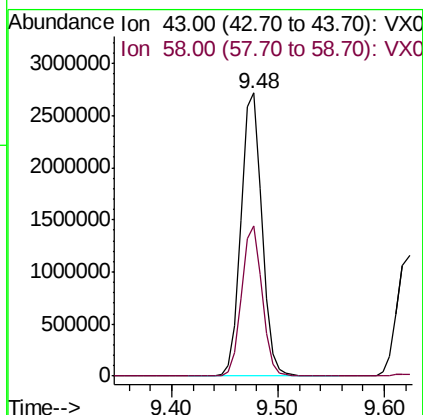
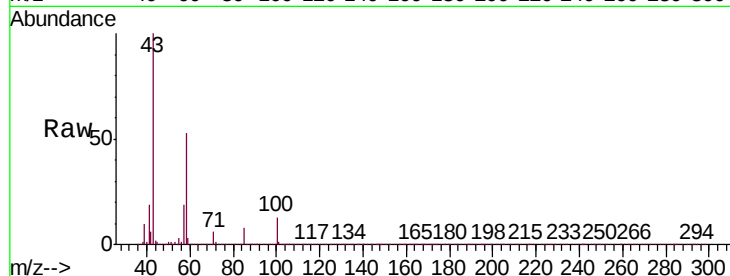




#59
2-Hexanone
Concen: 245.137 ug/l
RT: 9.48 min Scan# 1409
Delta R.T. 0.00 min
Lab File: VX015609.D
Acq: 09 Apr 2020 20:08

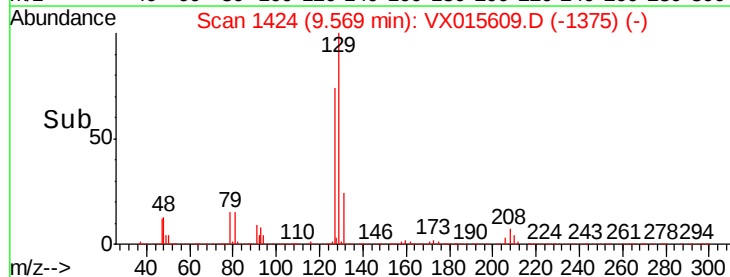
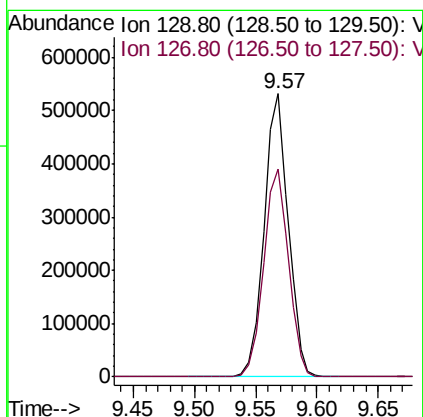
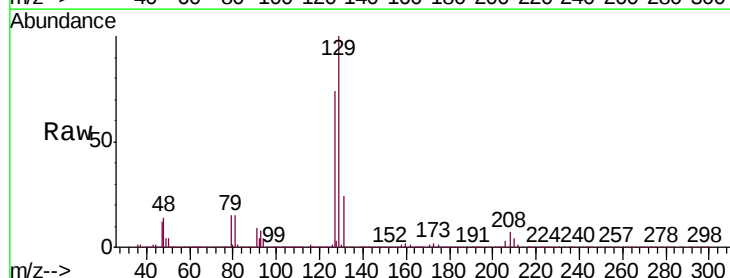
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

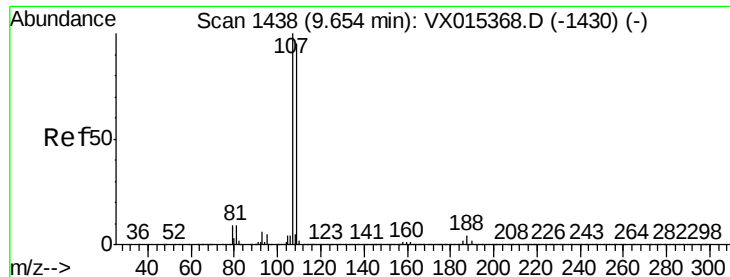
Tgt Ion: 43 Resp: 3755133
Ion Ratio Lower Upper
43 100
58 52.1 25.6 76.6



#60
Dibromochloromethane
Concen: 50.405 ug/l
RT: 9.57 min Scan# 1424
Delta R.T. 0.00 min
Lab File: VX015609.D
Acq: 09 Apr 2020 20:08

Tgt Ion: 129 Resp: 729966
Ion Ratio Lower Upper
129 100
127 75.8 38.2 114.6

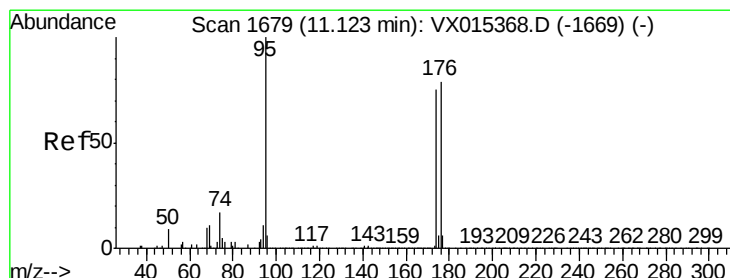
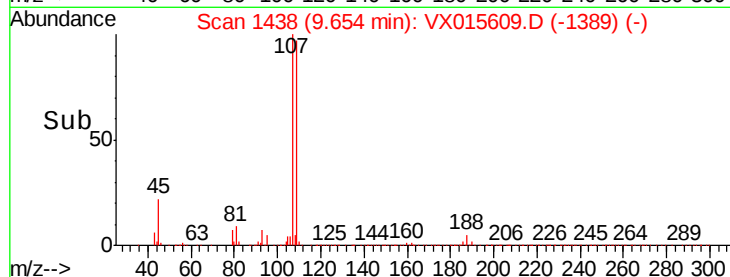
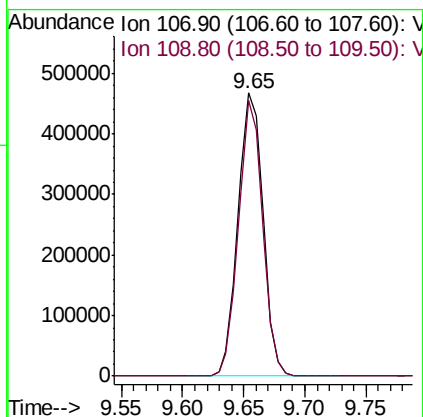
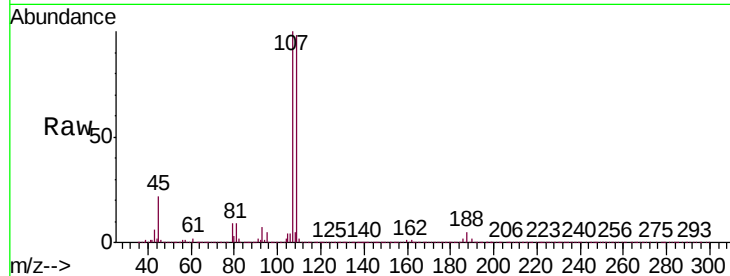




#61
 1,2-Dibromoethane
 Concen: 50.378 ug/l
 RT: 9.65 min Scan# 1438
 Delta R.T. 0.00 min
 Lab File: VX015609.D
 Acq: 09 Apr 2020 20:08

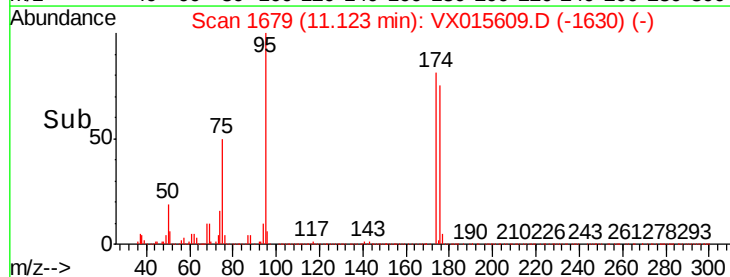
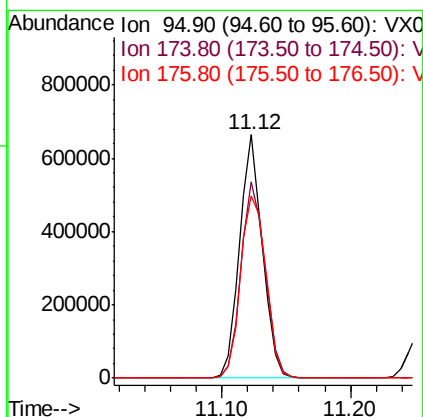
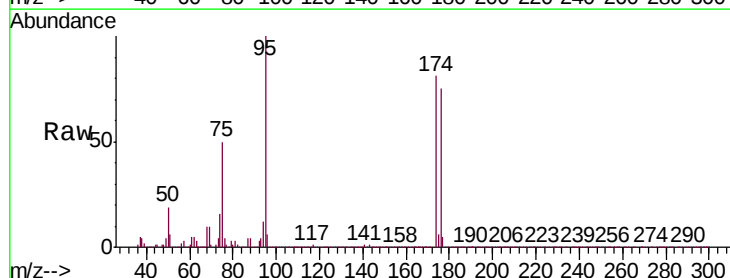
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

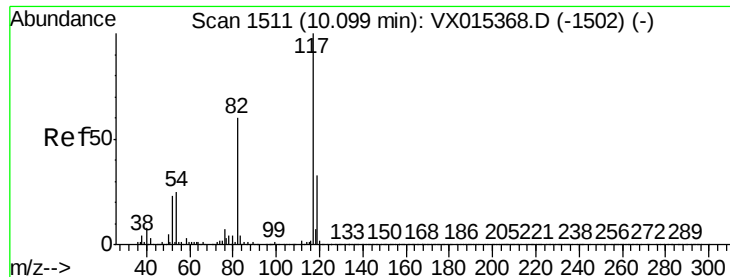
Tgt Ion: 107 Resp: 660193
 Ion Ratio Lower Upper
 107 100
 109 94.1 74.8 112.2



#62
 4-Bromofluorobenzene
 Concen: 48.302 ug/l
 RT: 11.12 min Scan# 1679
 Delta R.T. 0.00 min
 Lab File: VX015609.D
 Acq: 09 Apr 2020 20:08

Tgt Ion: 95 Resp: 816710
 Ion Ratio Lower Upper
 95 100
 174 84.5 0.0 158.6
 176 82.7 0.0 159.0

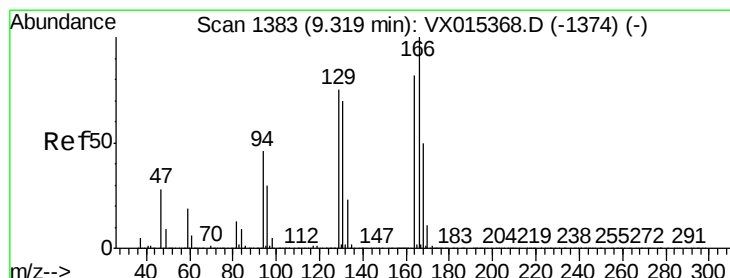
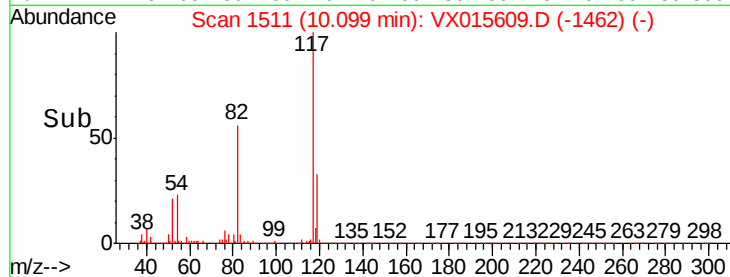
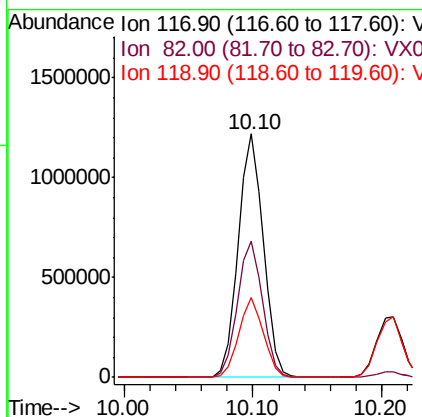
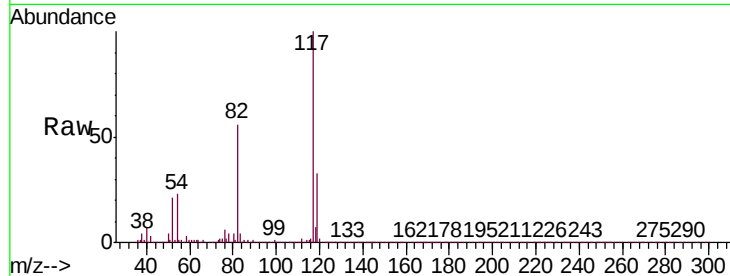




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. -0.00 min
Lab File: VX015609.D
Acq: 09 Apr 2020 20:08

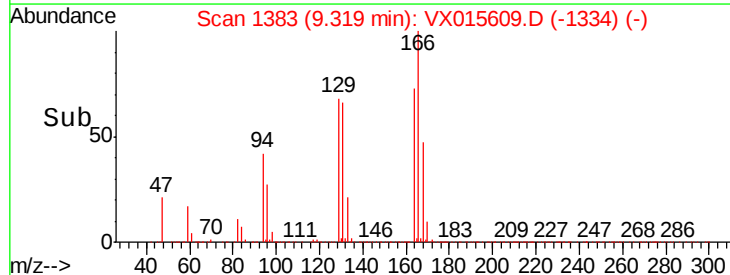
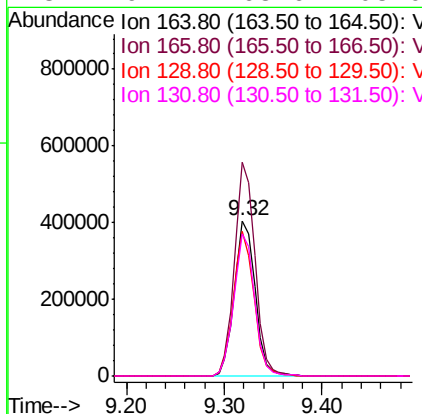
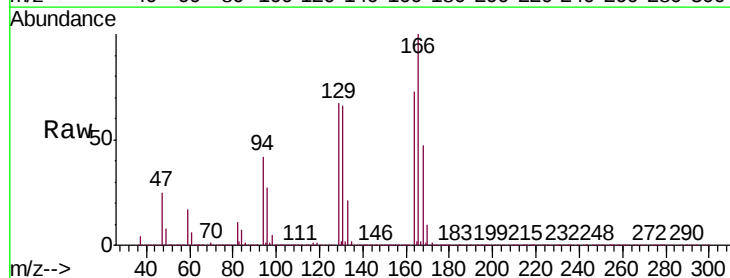
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

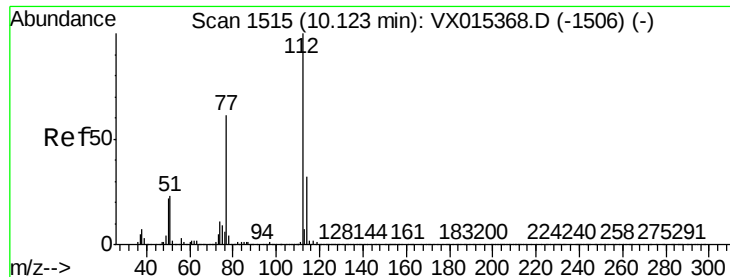
Tgt Ion:117 Resp: 1646475
Ion Ratio Lower Upper
117 100
82 55.8 47.8 71.8
119 33.0 26.8 40.2



#64
Tetrachloroethene
Concen: 48.390 ug/l
RT: 9.32 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX015609.D
Acq: 09 Apr 2020 20:08

Tgt Ion:164 Resp: 601267
Ion Ratio Lower Upper
164 100
166 137.4 97.8 146.6
129 92.6 73.0 109.4
131 91.1 68.6 103.0

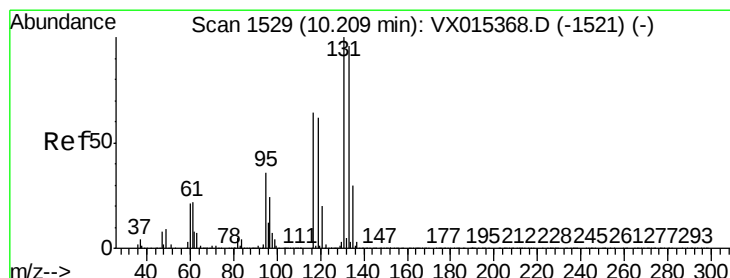
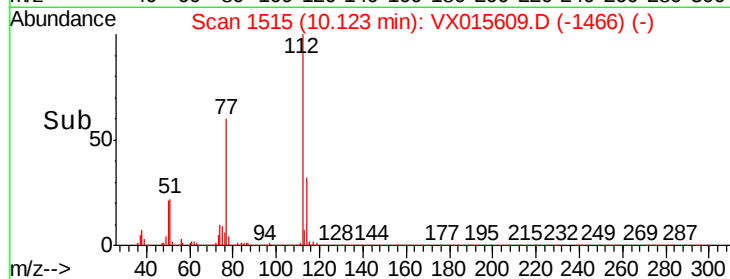
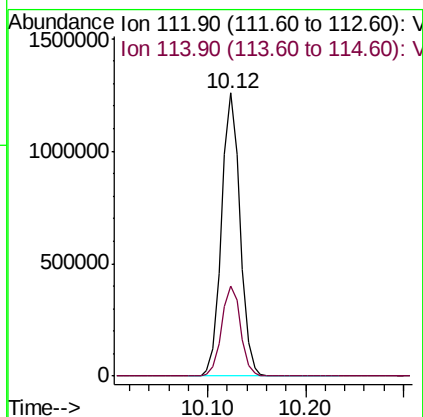
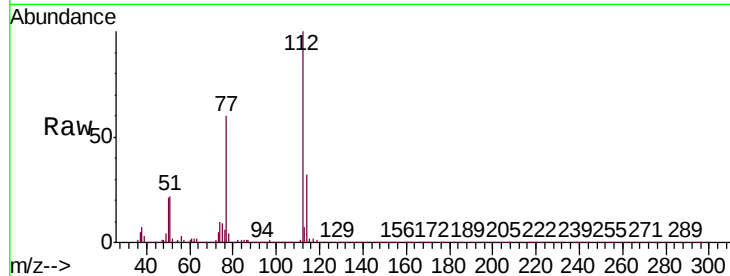




#65
Chlorobenzene
Concen: 50.358 ug/l
RT: 10.12 min Scan# 1515
Delta R.T. 0.00 min
Lab File: VX015609.D
Acq: 09 Apr 2020 20:08

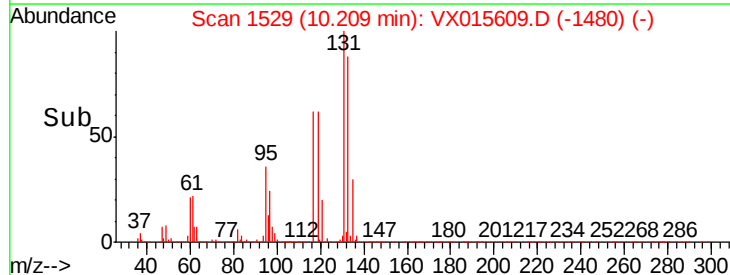
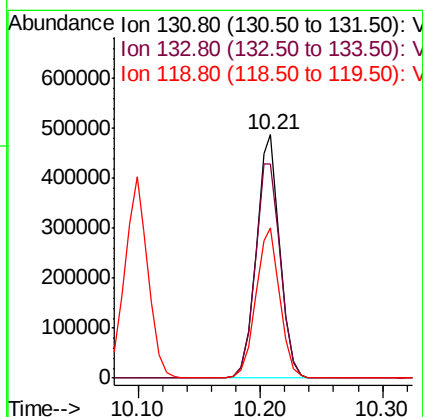
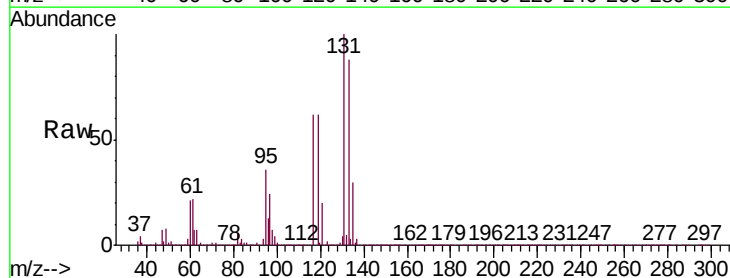
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

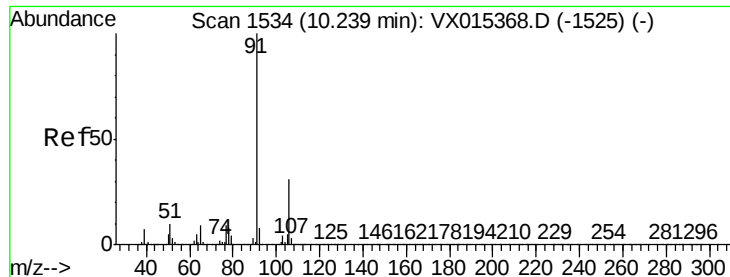
Tgt Ion:112 Resp: 1653525
Ion Ratio Lower Upper
112 100
114 31.9 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 49.516 ug/l
RT: 10.21 min Scan# 1529
Delta R.T. 0.00 min
Lab File: VX015609.D
Acq: 09 Apr 2020 20:08

Tgt Ion:131 Resp: 649559
Ion Ratio Lower Upper
131 100
133 94.5 47.6 142.9
119 63.2 31.1 93.3

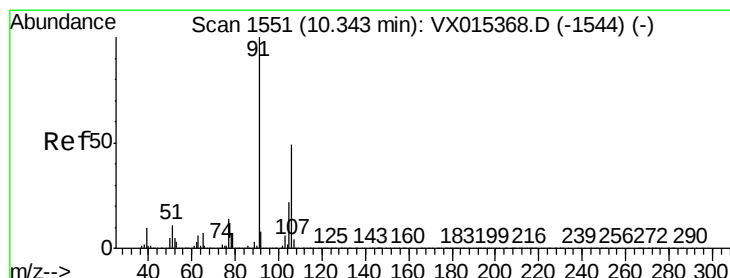
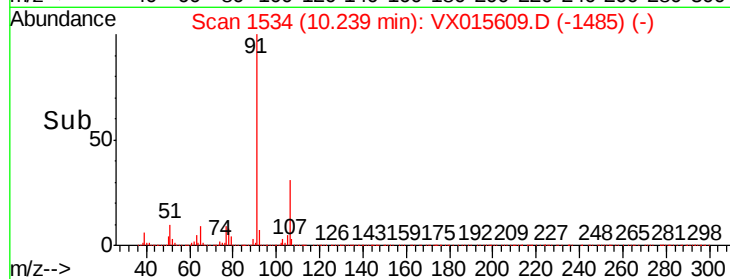
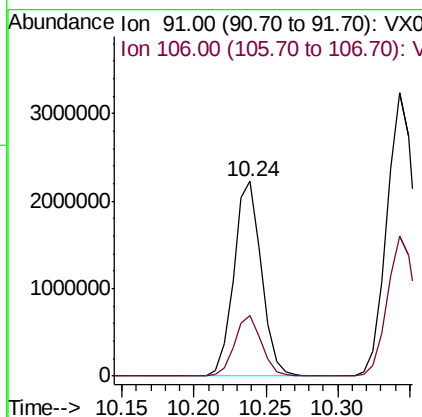
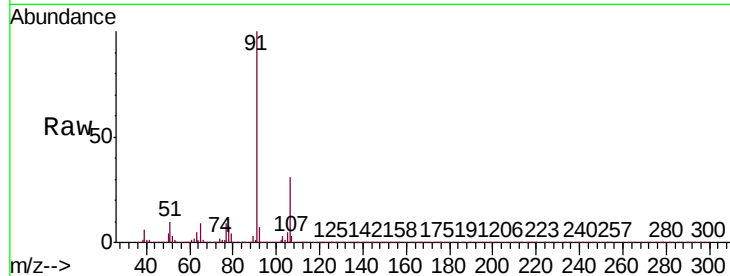




#67
Ethyl Benzene
Concen: 50.956 ug/l
RT: 10.24 min Scan# 1534
Delta R.T. -0.00 min
Lab File: VX015609.D
Acq: 09 Apr 2020 20:08

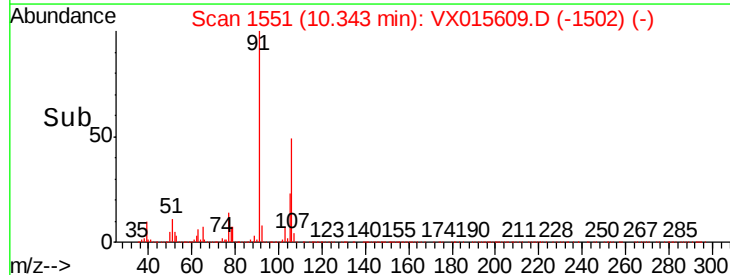
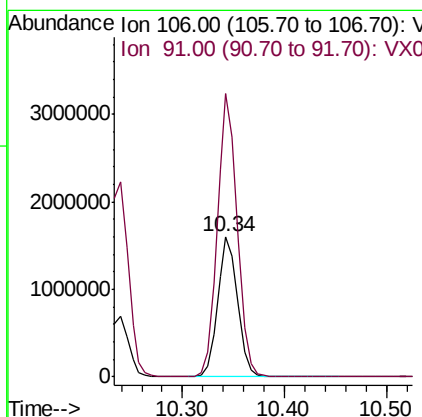
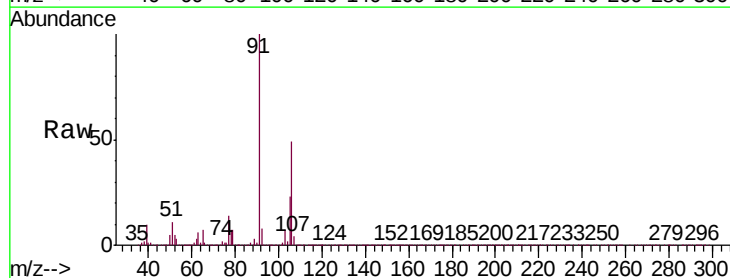
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

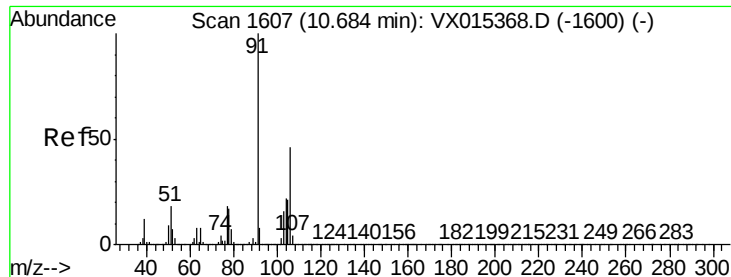
Tgt Ion: 91 Resp: 2967538
Ion Ratio Lower Upper
91 100
106 31.3 24.8 37.2



#68
m/p-Xylenes
Concen: 100.673 ug/l
RT: 10.34 min Scan# 1551
Delta R.T. 0.00 min
Lab File: VX015609.D
Acq: 09 Apr 2020 20:08

Tgt Ion: 106 Resp: 2183161
Ion Ratio Lower Upper
106 100
91 203.0 163.4 245.0

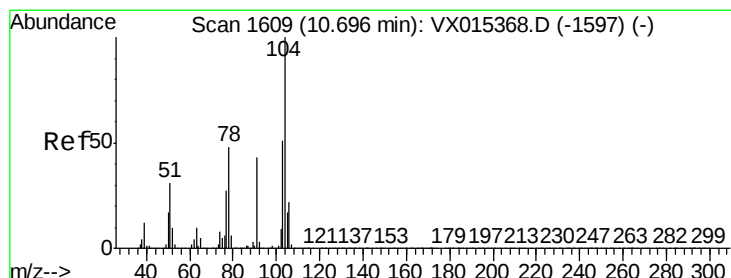
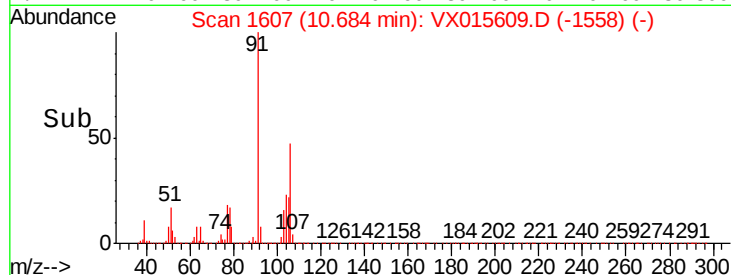
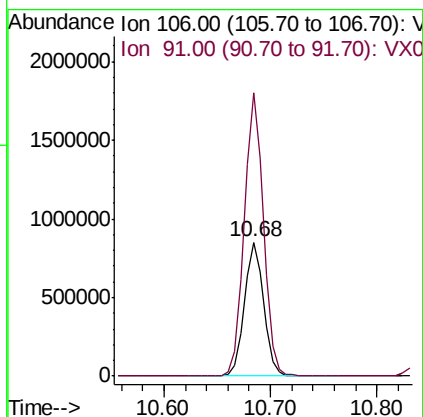
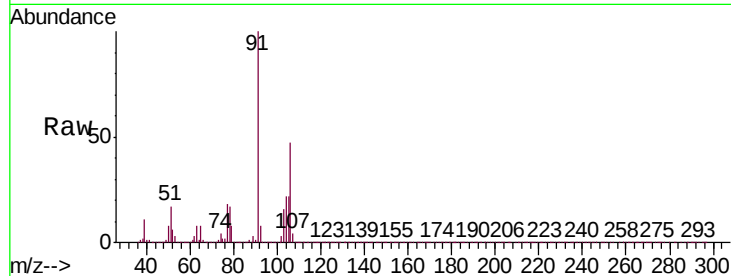




#69
o-Xylene
Concen: 50.575 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. 0.00 min
Lab File: VX015609.D
Acq: 09 Apr 2020 20:08

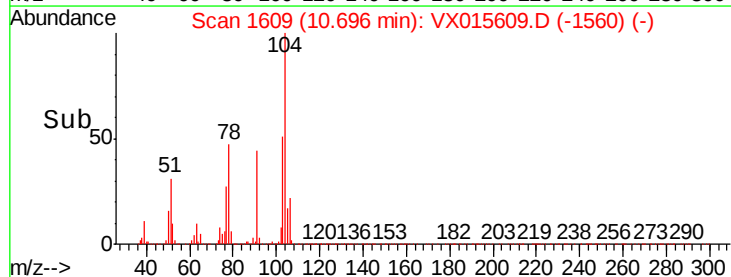
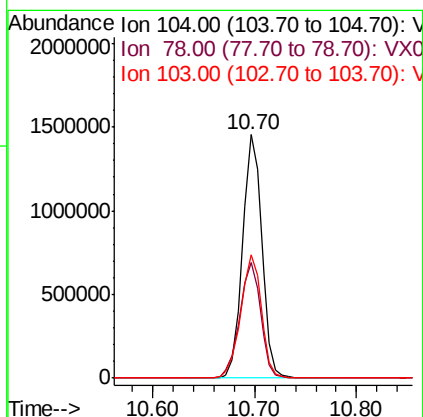
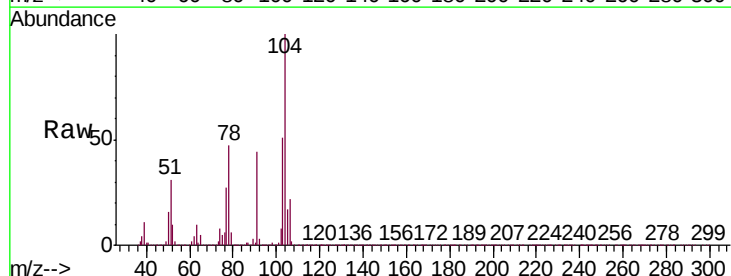
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

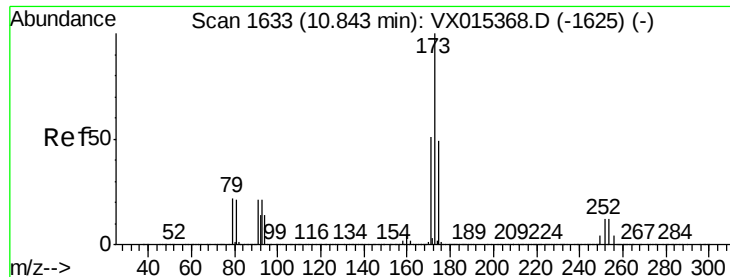
Tgt Ion:106 Resp: 1083758
Ion Ratio Lower Upper
106 100
91 210.8 107.1 321.3



#70
Styrene
Concen: 50.294 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX015609.D
Acq: 09 Apr 2020 20:08

Tgt Ion:104 Resp: 1896480
Ion Ratio Lower Upper
104 100
78 51.5 42.0 63.0
103 54.1 43.4 65.0

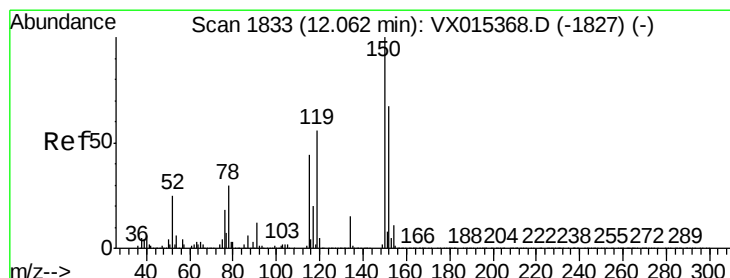
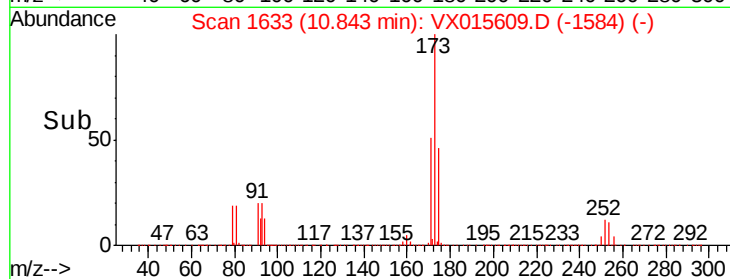
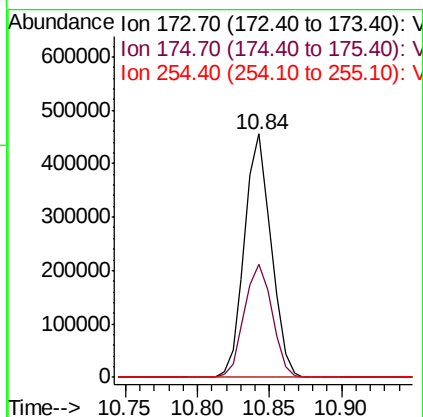
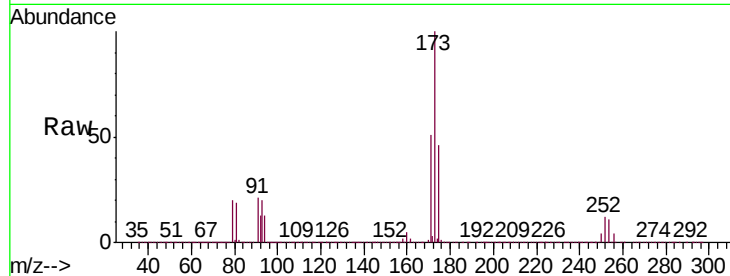




#71
Bromoform
Concen: 48.958 ug/l
RT: 10.84 min Scan# 1633
Delta R.T. -0.00 min
Lab File: VX015609.D
Acq: 09 Apr 2020 20:08

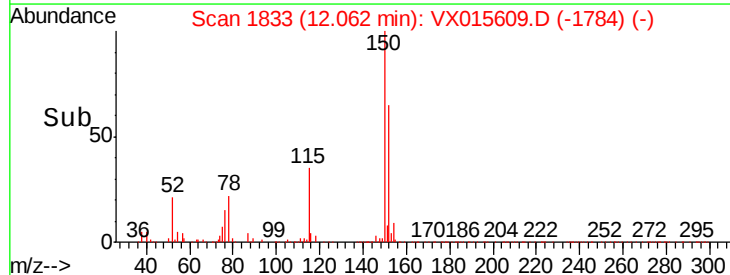
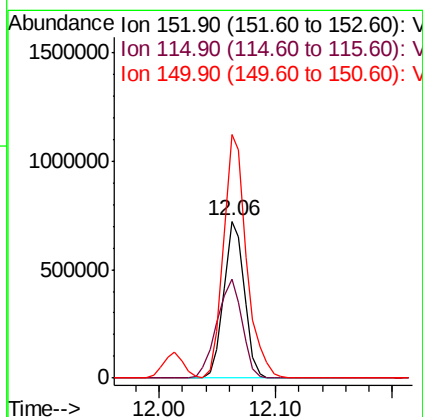
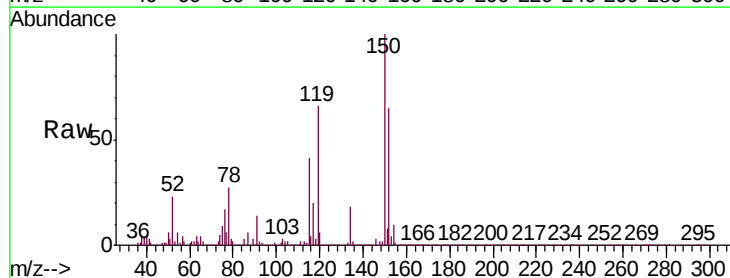
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

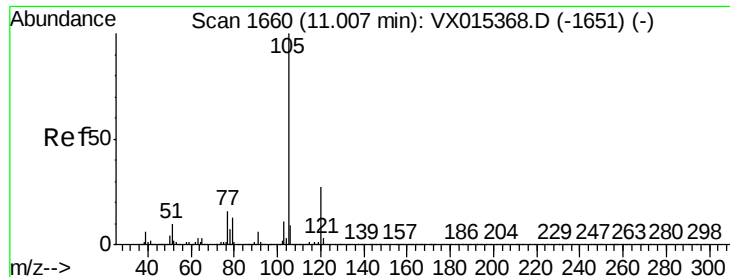
Tgt Ion:173 Resp: 584652
Ion Ratio Lower Upper
173 100
175 48.4 23.9 71.7
254 0.3 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. -0.00 min
Lab File: VX015609.D
Acq: 09 Apr 2020 20:08

Tgt Ion:152 Resp: 877696
Ion Ratio Lower Upper
152 100
115 77.0 39.0 116.9
150 173.3 0.0 340.8





#73

Isopropylbenzene

Concen: 50.001 ug/l

RT: 11.00 min Scan# 1659

Delta R.T. -0.01 min

Lab File: VX015609.D

Acq: 09 Apr 2020 20:08

Instrument :

MSVOA_X

ClientSampleId :

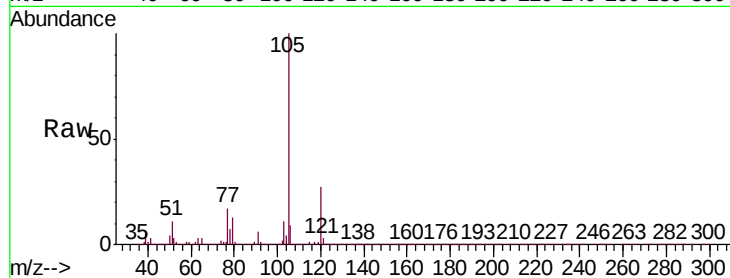
VSTDCCC050EC

Tgt Ion:105 Resp: 2875513

Ion Ratio Lower Upper

105 100

120 26.8 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

2500000

2000000

1500000

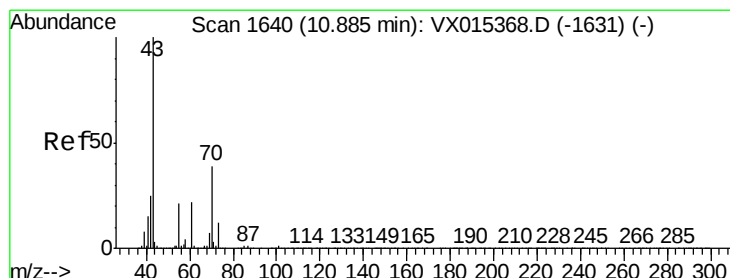
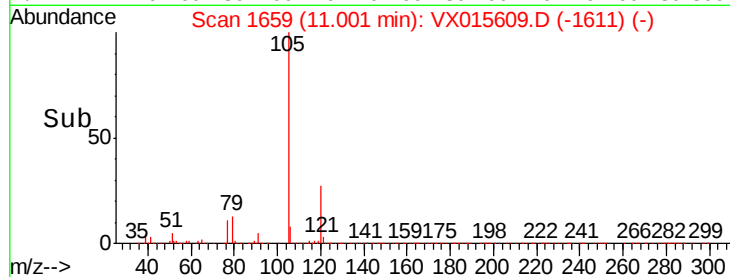
1000000

500000

0

11.00

Time-->



#74

N-ethyl acetate

Concen: 46.564 ug/l

RT: 10.88 min Scan# 1639

Delta R.T. -0.01 min

Lab File: VX015609.D

Acq: 09 Apr 2020 20:08

Tgt Ion: 43 Resp: 1489343

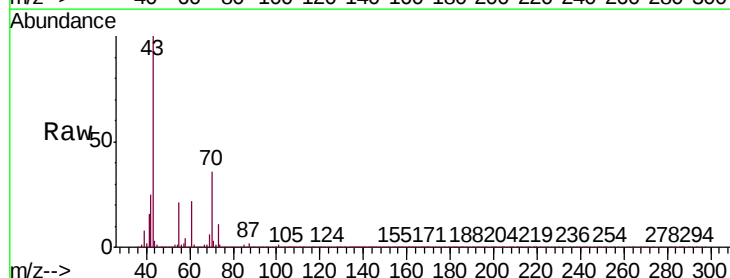
Ion Ratio Lower Upper

43 100

70 38.9 30.2 45.4

55 22.1 16.8 25.2

61 22.8 18.2 27.2



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

1500000

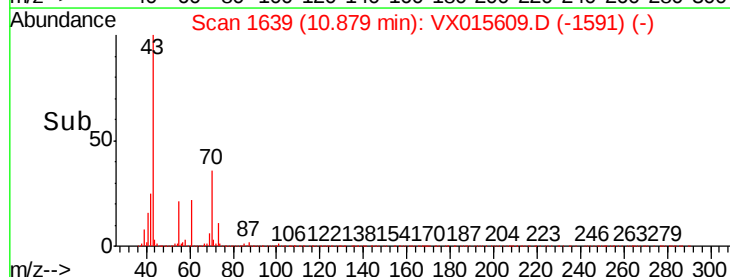
1000000

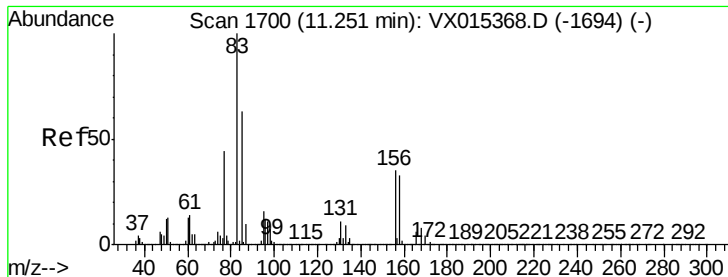
500000

0

10.88

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 47.675 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX015609.D

Acq: 09 Apr 2020 20:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

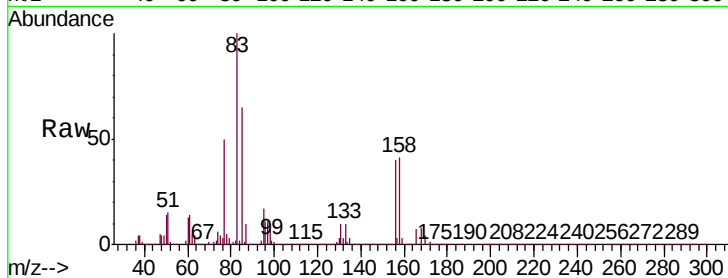
Tgt Ion: 83 Resp: 940776

Ion Ratio Lower Upper

83 100

131 10.8 5.3 16.1

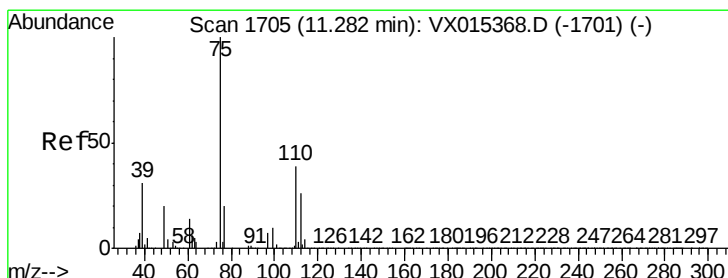
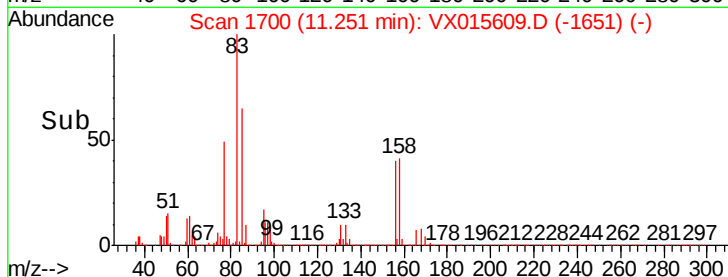
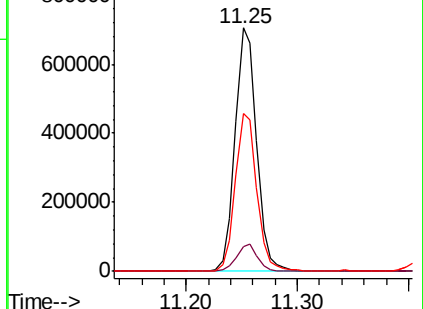
85 65.4 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 63.449 ug/l

RT: 11.28 min Scan# 1705

Delta R.T. -0.00 min

Lab File: VX015609.D

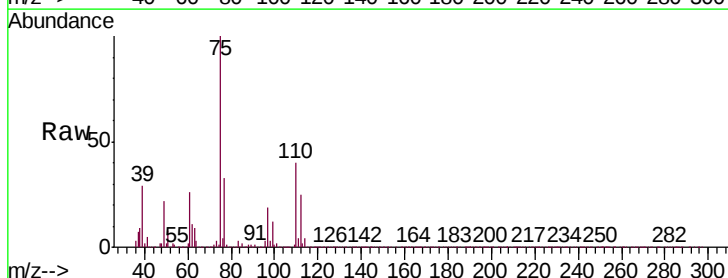
Acq: 09 Apr 2020 20:08

Tgt Ion: 75 Resp: 1145193

Ion Ratio Lower Upper

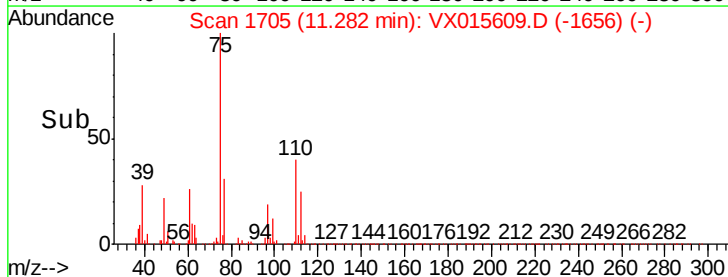
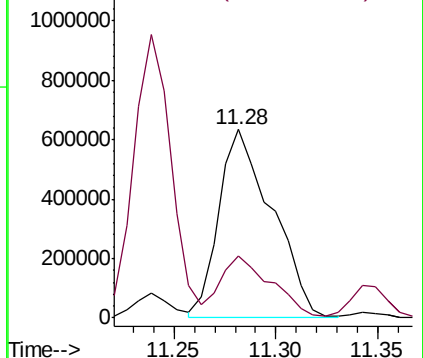
75 100

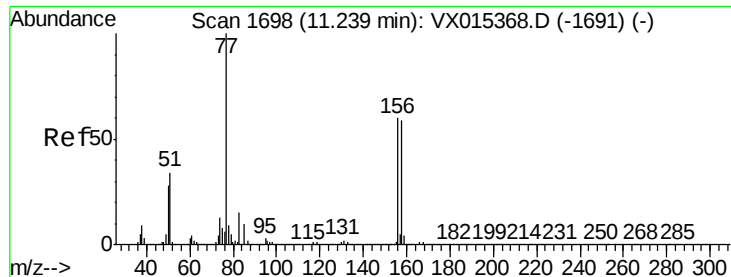
77 31.5 21.2 63.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 51.078 ug/l

RT: 11.24 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX015609.D

Acq: 09 Apr 2020 20:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

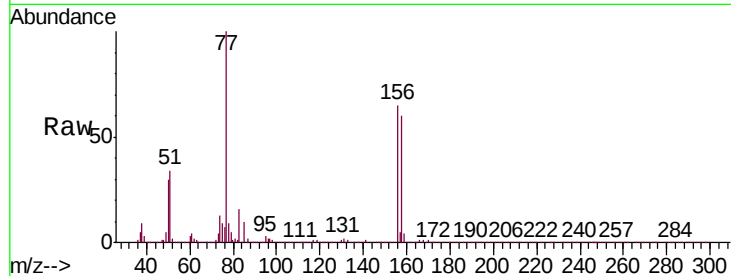
Tgt Ion: 156 Resp: 783520

Ion Ratio Lower Upper

156 100

77 155.7 82.2 246.5

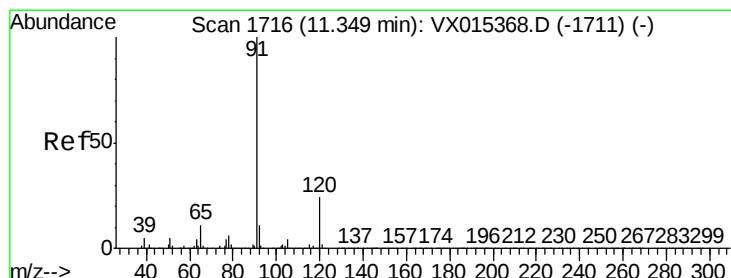
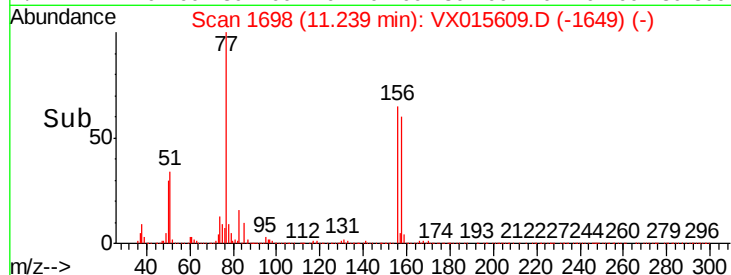
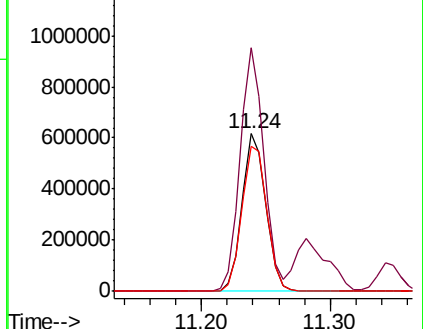
158 96.5 49.3 147.9



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: 50.876 ug/l

RT: 11.35 min Scan# 1716

Delta R.T. 0.00 min

Lab File: VX015609.D

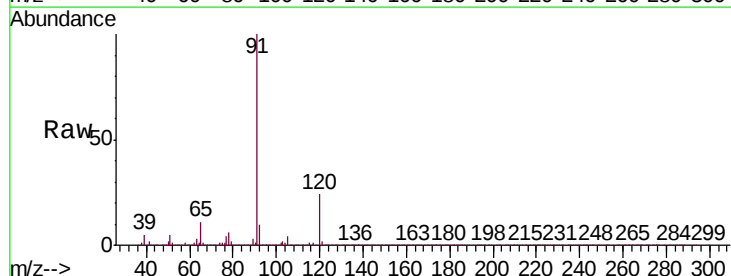
Acq: 09 Apr 2020 20:08

Tgt Ion: 91 Resp: 3345562

Ion Ratio Lower Upper

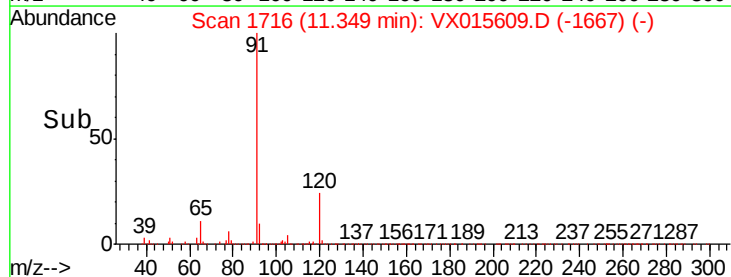
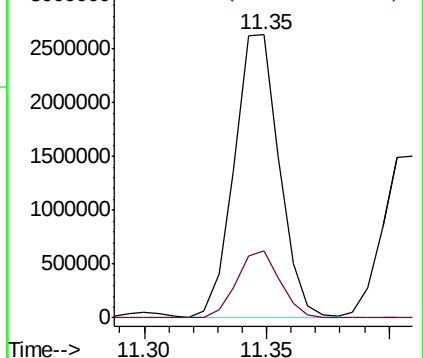
91 100

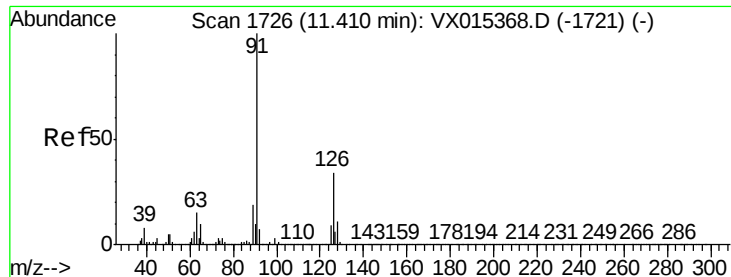
120 23.1 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

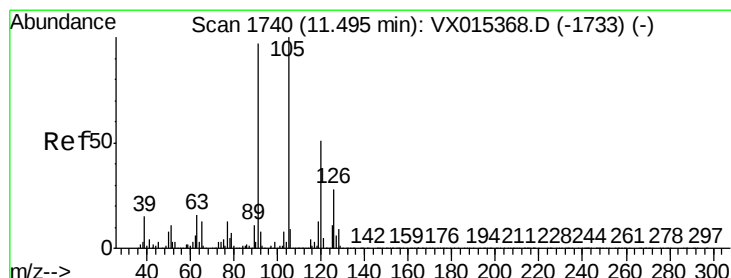
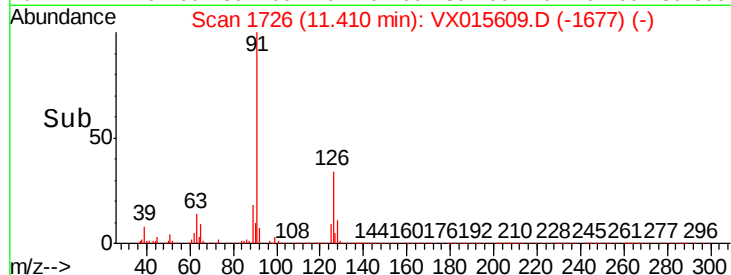
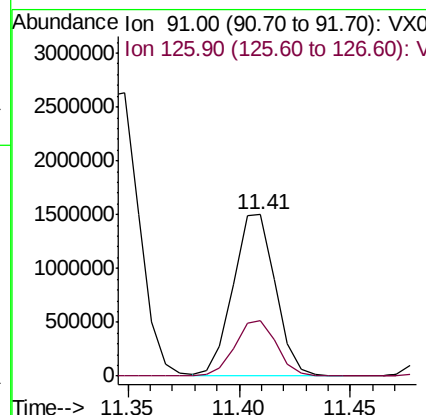
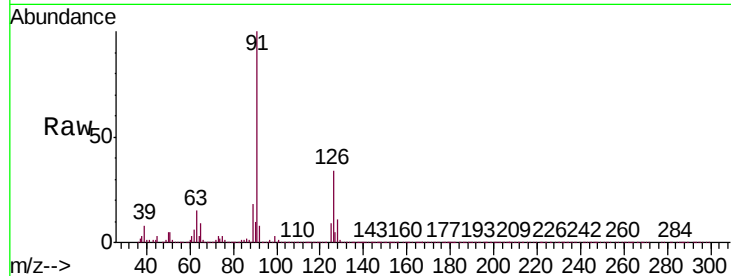




#79
 2-Chlorotoluene
 Concen: 49.093 ug/l
 RT: 11.41 min Scan# 1726
 Delta R.T. 0.00 min
 Lab File: VX015609.D
 Acq: 09 Apr 2020 20:08

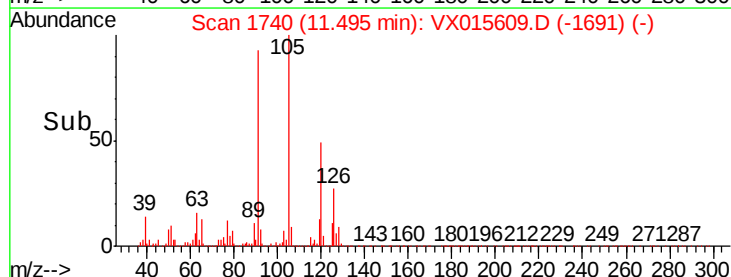
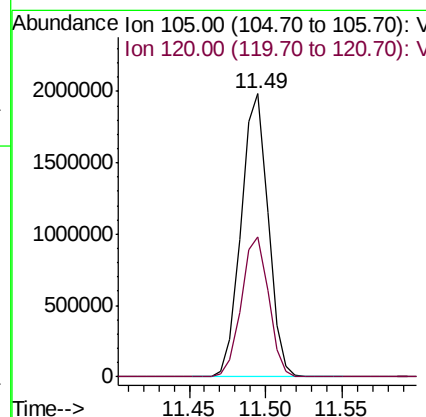
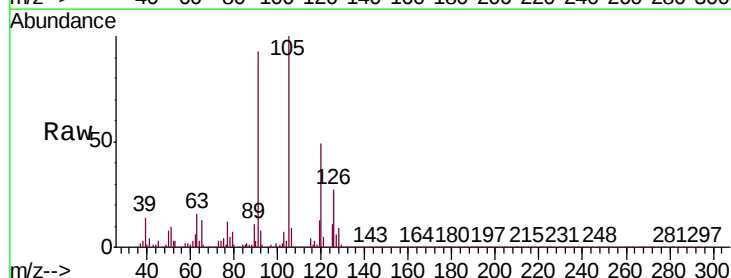
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 91 Resp: 1978709
 Ion Ratio Lower Upper
 91 100
 126 34.1 16.5 49.5



#80
 1,3,5-Trimethylbenzene
 Concen: 49.512 ug/l
 RT: 11.49 min Scan# 1740
 Delta R.T. 0.00 min
 Lab File: VX015609.D
 Acq: 09 Apr 2020 20:08

Tgt Ion: 105 Resp: 2431710
 Ion Ratio Lower Upper
 105 100
 120 49.9 24.8 74.4





#81

trans-1,4-Dichloro-2-butene

Concen: 44.703 ug/l

RT: 11.06 min Scan# 1669

Delta R.T. 0.00 min

Lab File: VX015609.D

Acq: 09 Apr 2020 20:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

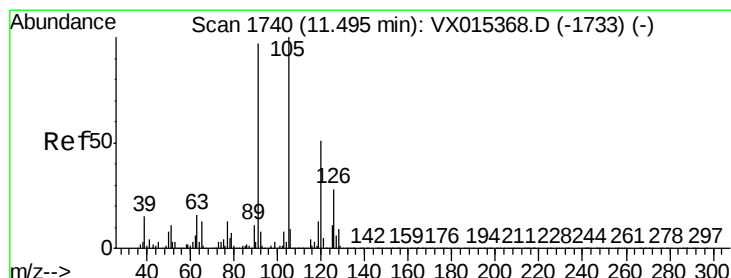
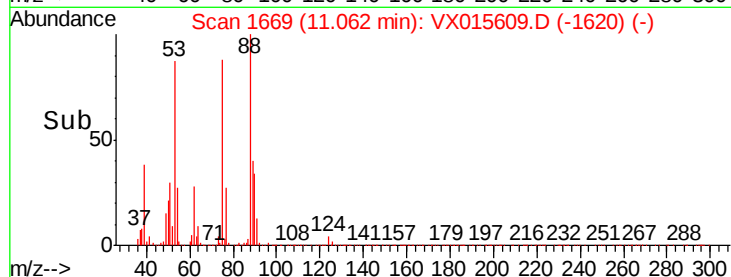
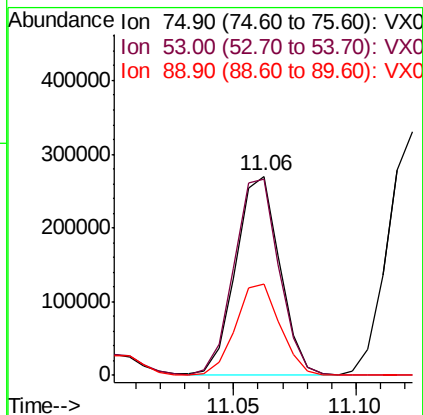
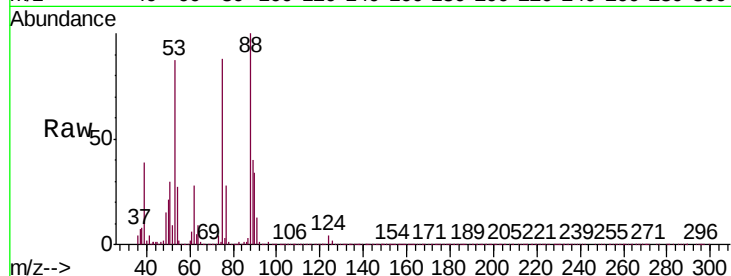
Tgt Ion: 75 Resp: 336267

Ion Ratio Lower Upper

75 100

53 101.4 80.1 120.1

89 46.8 36.1 54.1



#82

4-Chlorotoluene

Concen: 49.048 ug/l

RT: 11.49 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VX015609.D

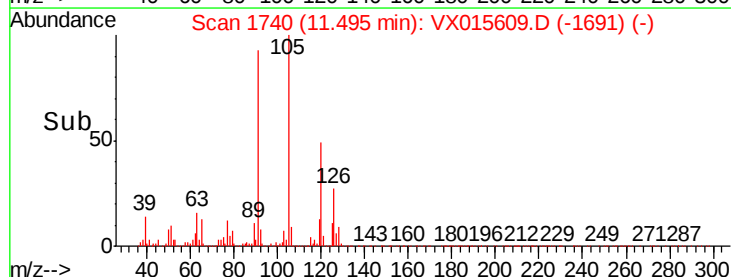
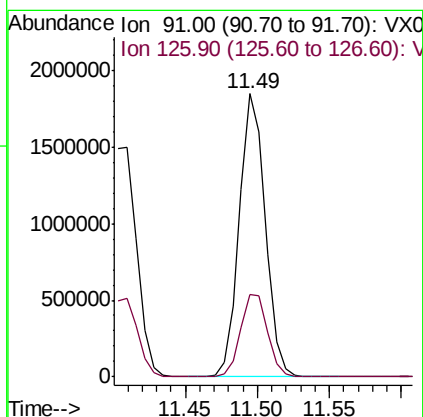
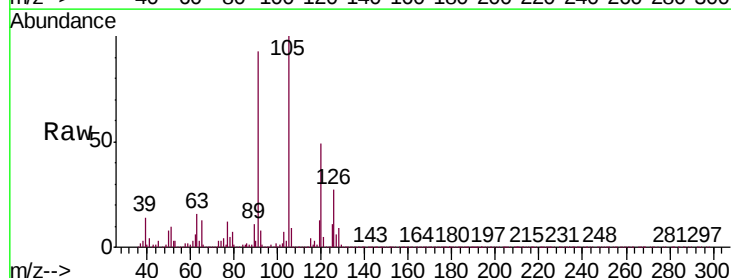
Acq: 09 Apr 2020 20:08

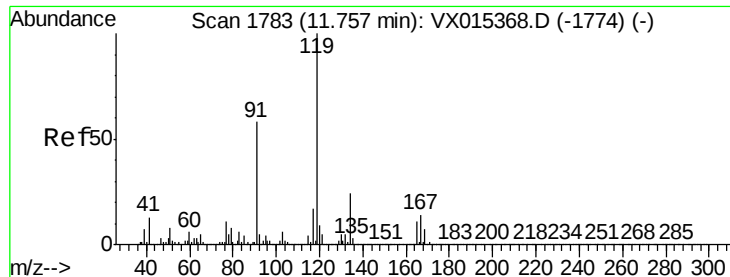
Tgt Ion: 91 Resp: 2317525

Ion Ratio Lower Upper

91 100

126 30.1 14.7 44.1

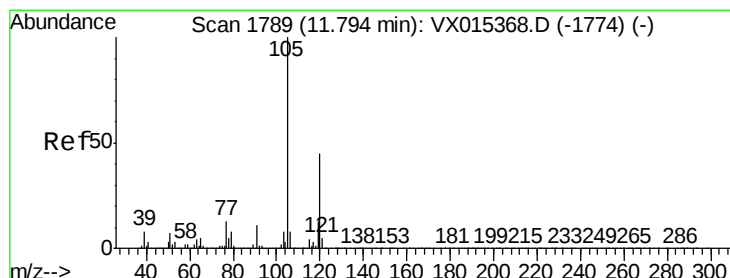
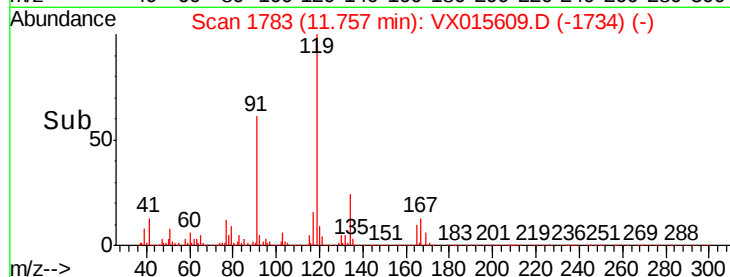
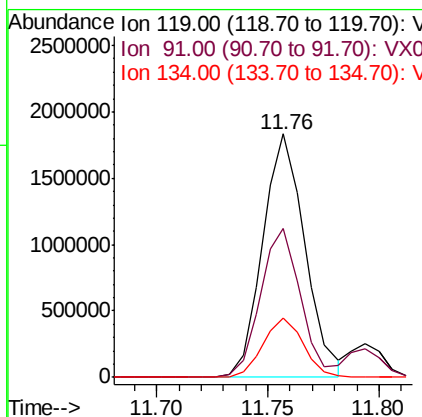
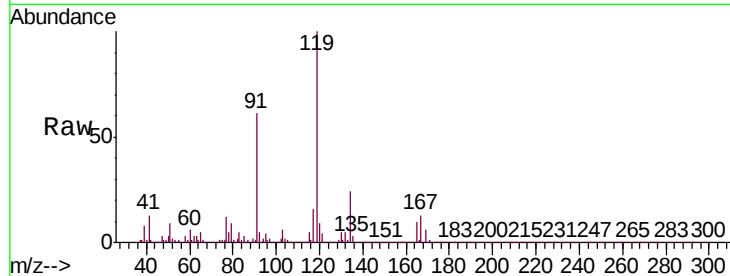




#83
 tert-Butylbenzene
 Concen: 50.317 ug/l
 RT: 11.76 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX015609.D
 Acq: 09 Apr 2020 20:08

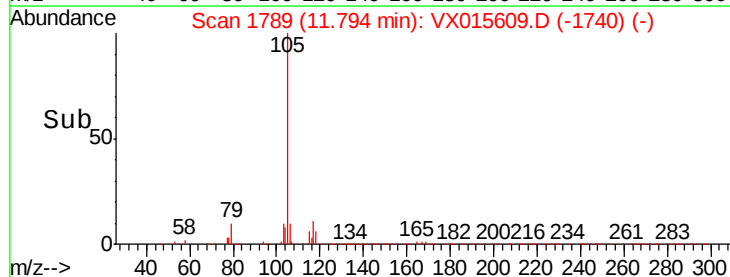
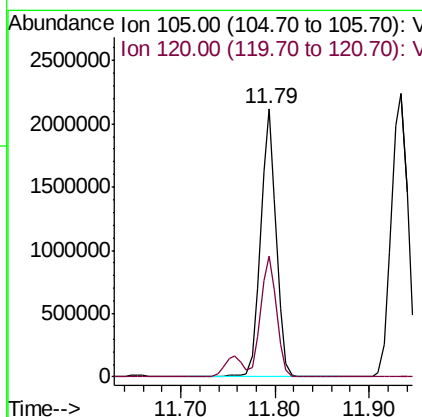
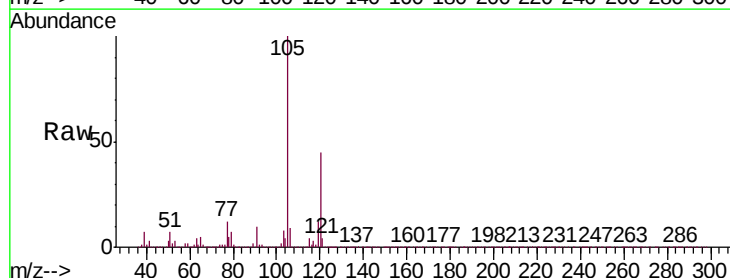
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

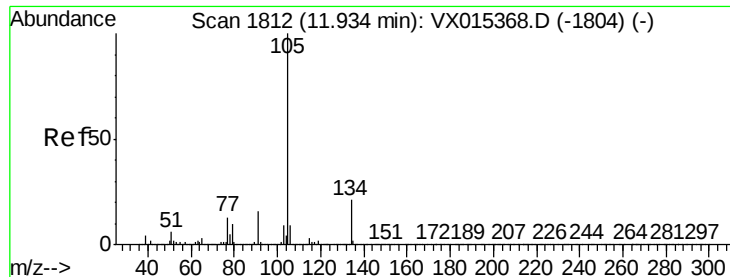
Tgt Ion:119 Resp: 2413883
 Ion Ratio Lower Upper
 119 100
 91 57.2 28.6 85.8
 134 23.3 11.8 35.3



#84
 1,2,4-Trimethylbenzene
 Concen: 49.289 ug/l
 RT: 11.79 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VX015609.D
 Acq: 09 Apr 2020 20:08

Tgt Ion:105 Resp: 2466899
 Ion Ratio Lower Upper
 105 100
 120 46.4 22.7 68.1





#85

sec-Butylbenzene

Concen: 50.030 ug/l

RT: 11.93 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VX015609.D

Acq: 09 Apr 2020 20:08

Instrument :

MSVOA_X

ClientSampleId :

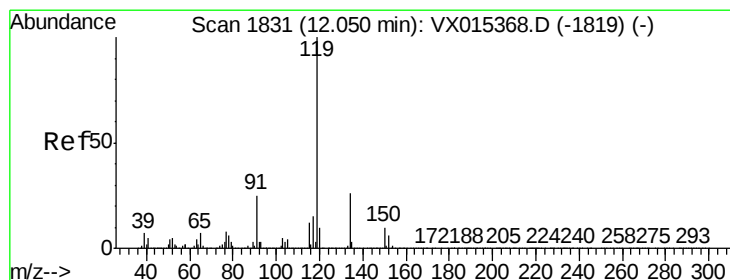
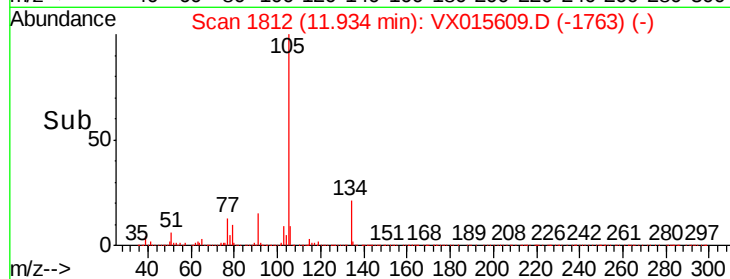
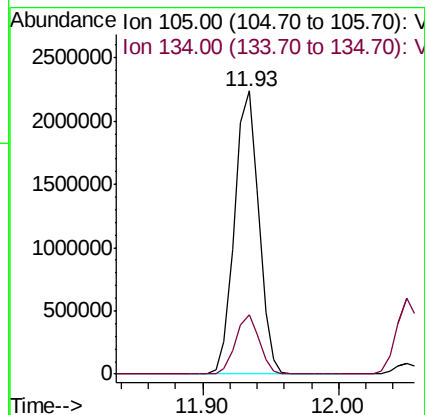
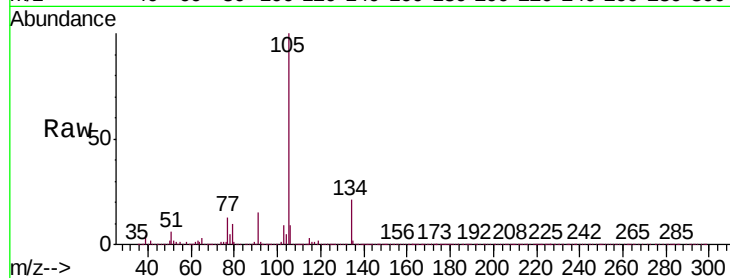
VSTDCCC050EC

Tgt Ion:105 Resp: 2775827

Ion Ratio Lower Upper

105 100

134 20.5 10.4 31.1



#86

p-Isopropyltoluene

Concen: 51.598 ug/l

RT: 12.05 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VX015609.D

Acq: 09 Apr 2020 20:08

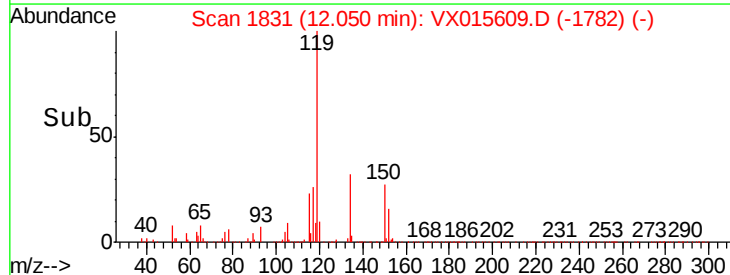
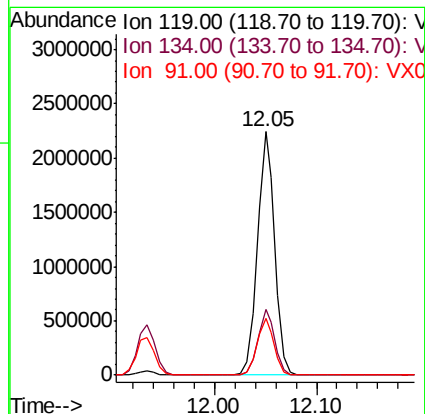
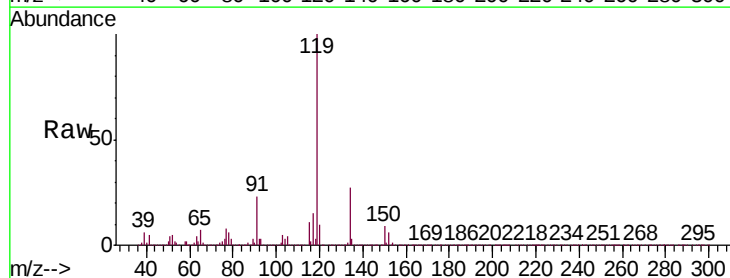
Tgt Ion:119 Resp: 2657735

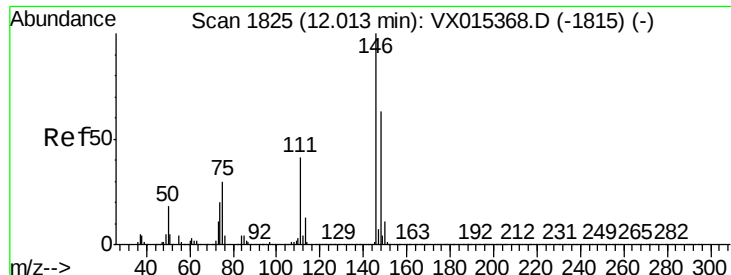
Ion Ratio Lower Upper

119 100

134 26.4 13.1 39.3

91 23.2 12.4 37.4

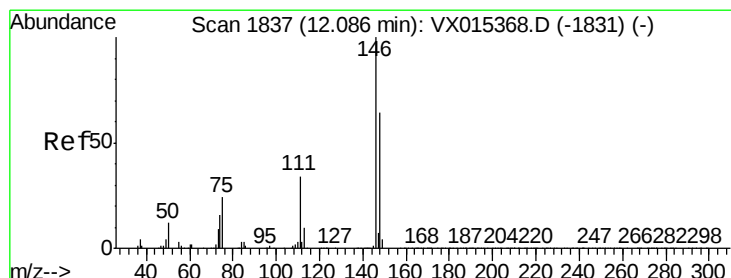
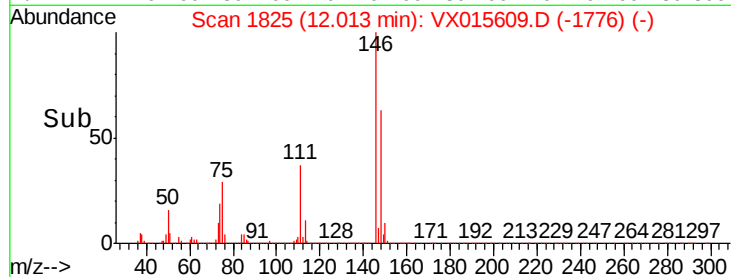
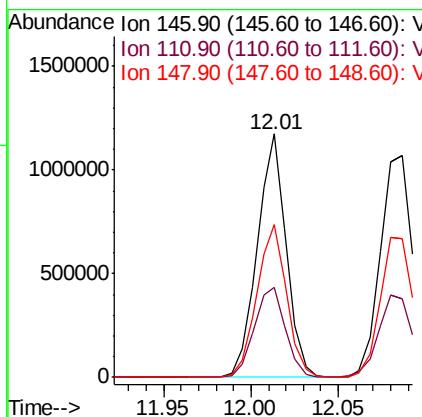
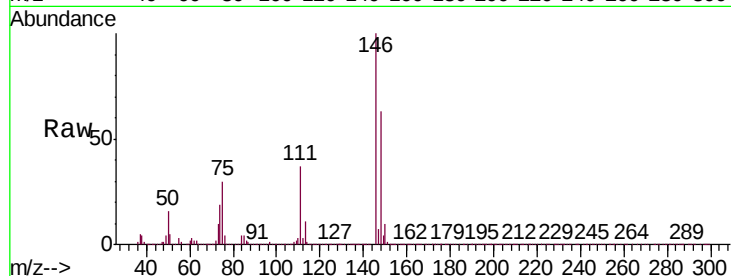




#87
 1,3-Dichlorobenzene
 Concen: 49.437 ug/l
 RT: 12.01 min Scan# 1825
 Delta R.T. 0.00 min
 Lab File: VX015609.D
 Acq: 09 Apr 2020 20:08

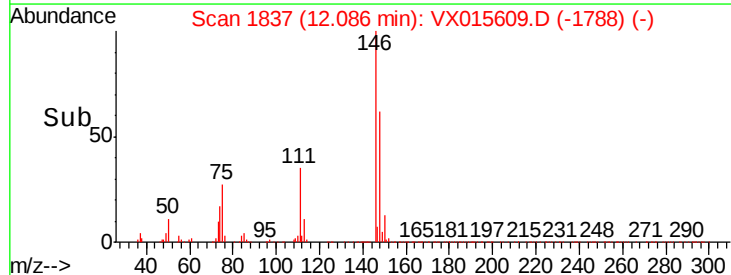
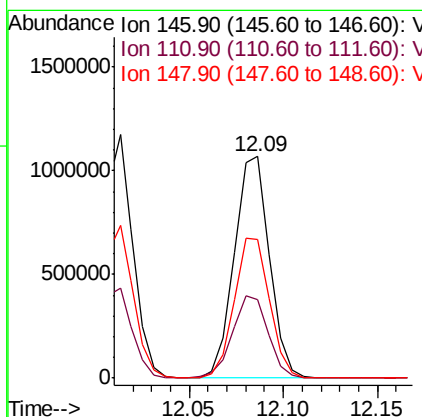
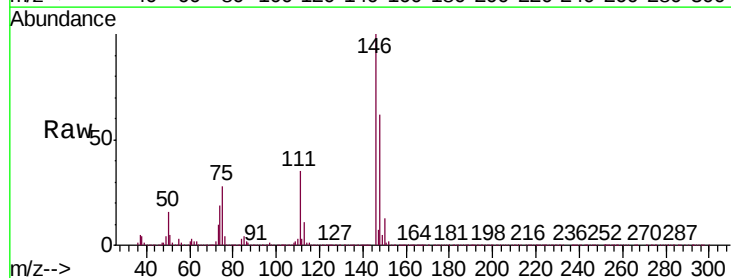
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

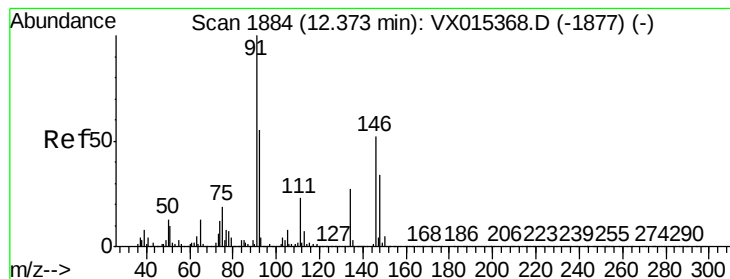
Tgt Ion:146 Resp: 1357593
 Ion Ratio Lower Upper
 146 100
 111 39.8 20.3 60.9
 148 64.6 31.3 93.9



#88
 1,4-Dichlorobenzene
 Concen: 49.382 ug/l
 RT: 12.09 min Scan# 1837
 Delta R.T. -0.00 min
 Lab File: VX015609.D
 Acq: 09 Apr 2020 20:08

Tgt Ion:146 Resp: 1381311
 Ion Ratio Lower Upper
 146 100
 111 37.7 19.1 57.5
 148 63.7 32.4 97.2





#89

n-Butylbenzene

Concen: 49.665 ug/l

RT: 12.37 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VX015609.D

Acq: 09 Apr 2020 20:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

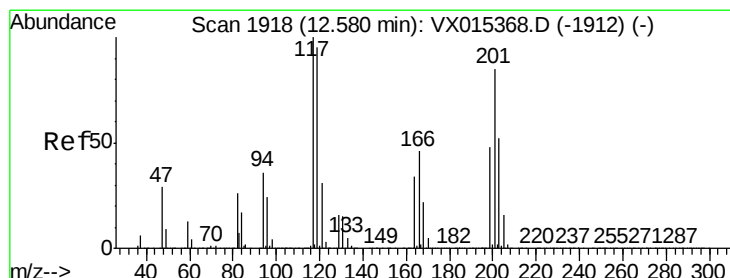
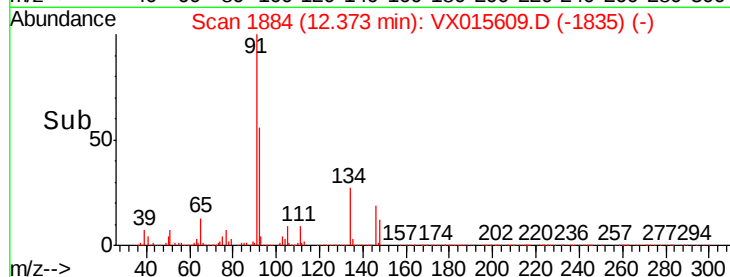
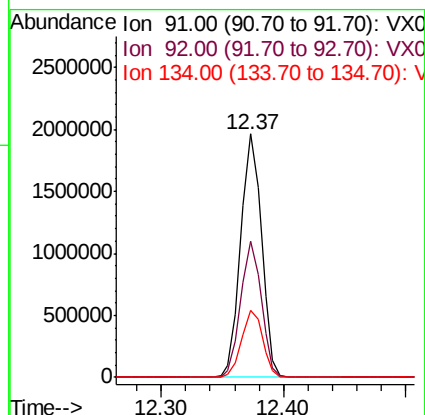
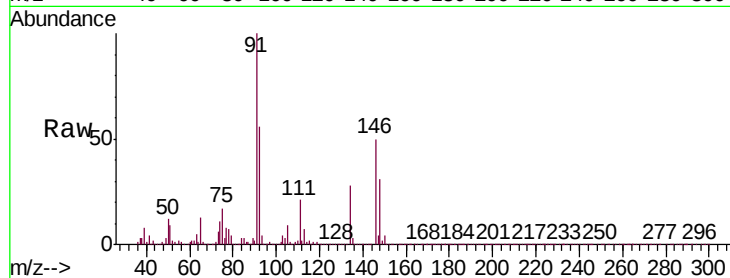
Tgt Ion: 91 Resp: 2311758

Ion Ratio Lower Upper

91 100

92 55.3 27.2 81.5

134 27.7 13.4 40.2



#90

Hexachloroethane

Concen: 46.284 ug/l

RT: 12.58 min Scan# 1918

Delta R.T. -0.00 min

Lab File: VX015609.D

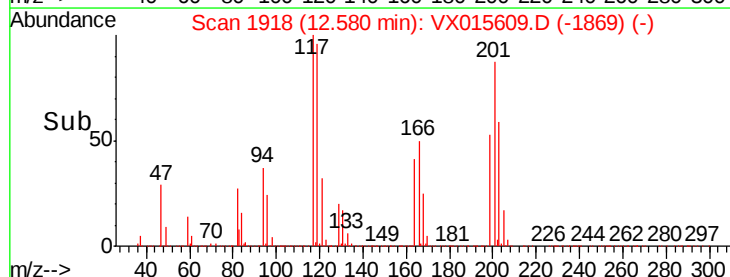
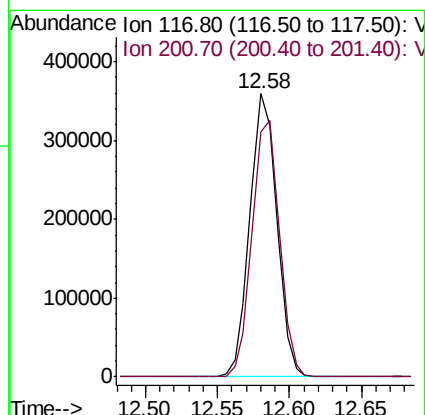
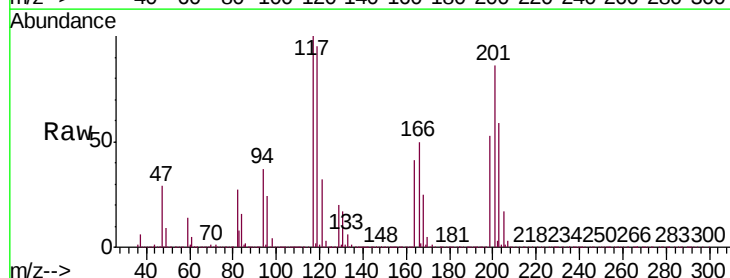
Acq: 09 Apr 2020 20:08

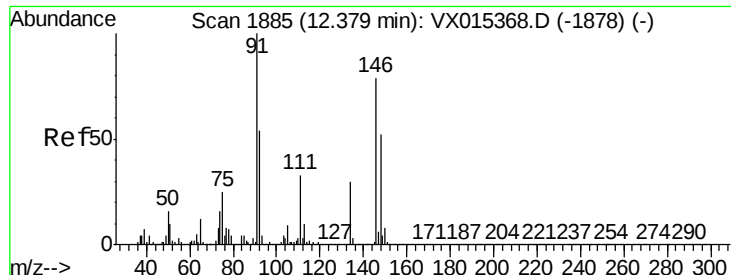
Tgt Ion: 117 Resp: 464013

Ion Ratio Lower Upper

117 100

201 91.9 42.6 128.0





#91

1,2-Dichlorobenzene

Concen: 50.465 ug/l

RT: 12.38 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX015609.D

Acq: 09 Apr 2020 20:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

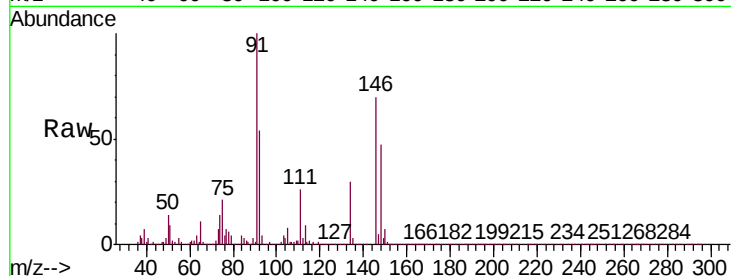
Tgt Ion:146 Resp: 1356207

Ion Ratio Lower Upper

146 100

111 39.9 21.0 63.0

148 64.4 32.4 97.0

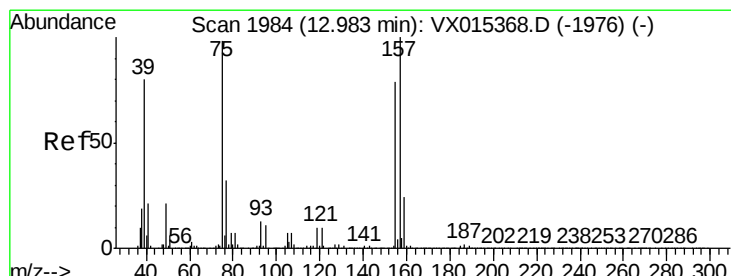
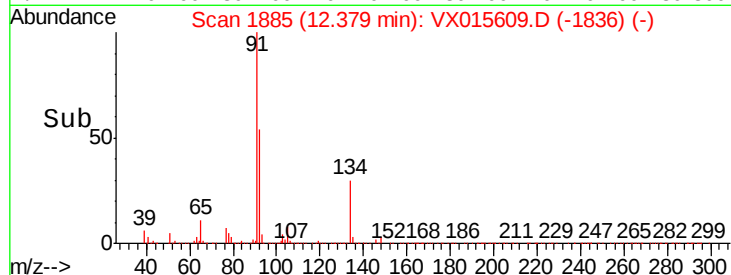
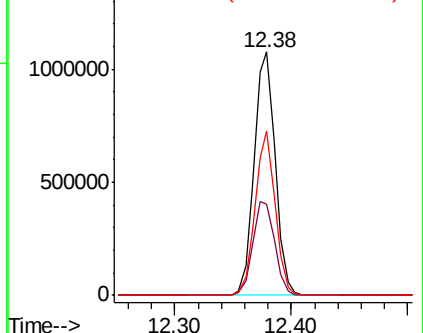


Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 43.543 ug/l

RT: 12.98 min Scan# 1984

Delta R.T. -0.00 min

Lab File: VX015609.D

Acq: 09 Apr 2020 20:08

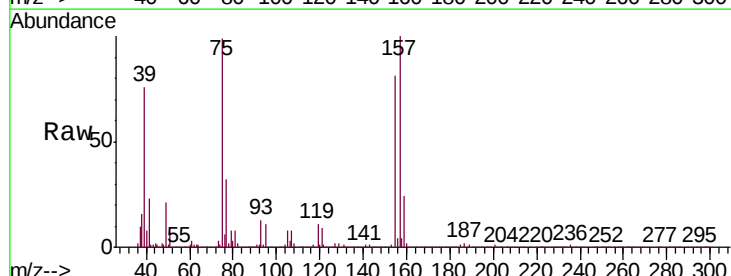
Tgt Ion: 75 Resp: 242519

Ion Ratio Lower Upper

75 100

155 88.4 42.8 128.4

157 112.0 53.4 160.3

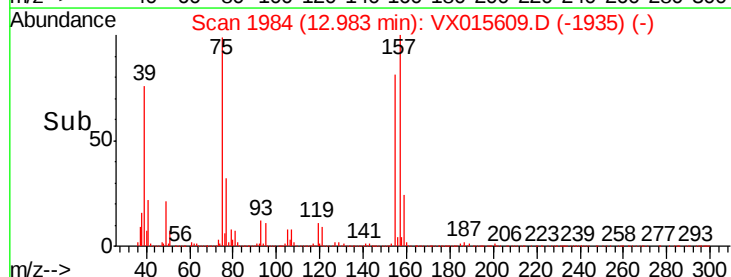
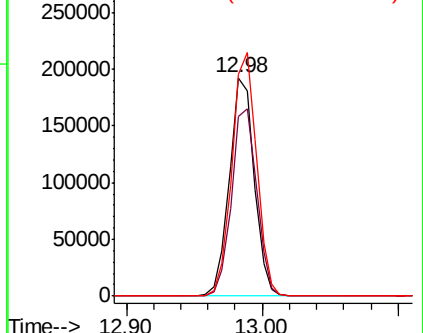


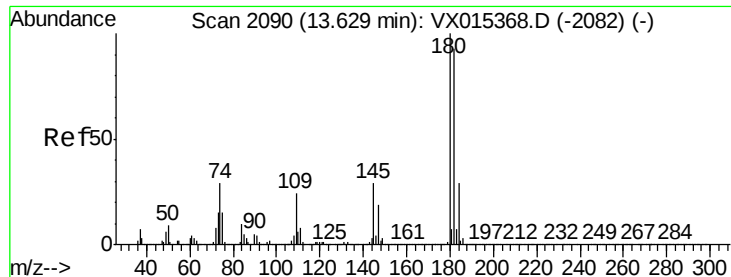
Abundance

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

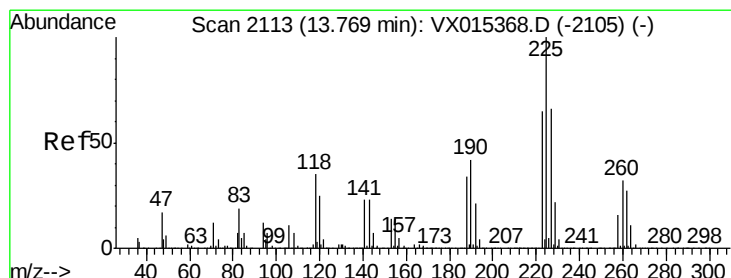
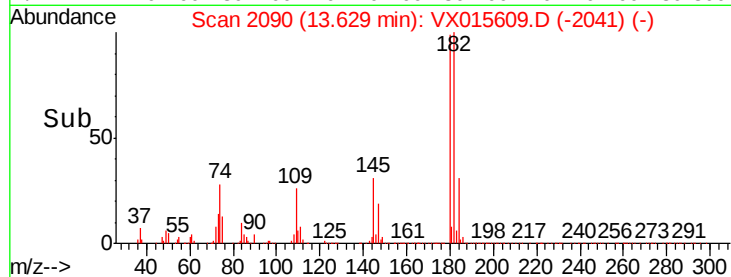
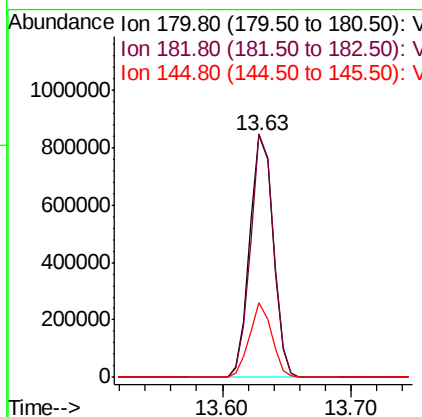
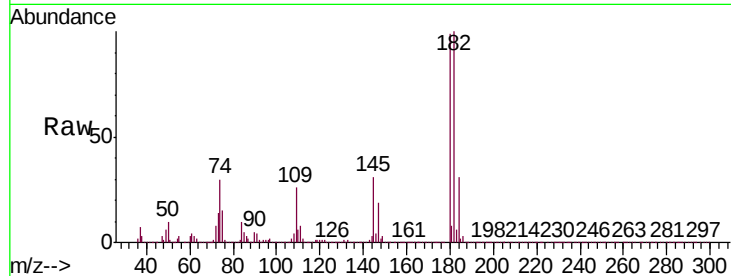




#93
 1,2,4-Trichlorobenzene
 Concen: 49.445 ug/l
 RT: 13.63 min Scan# 2090
 Delta R.T. 0.00 min
 Lab File: VX015609.D
 Acq: 09 Apr 2020 20:08

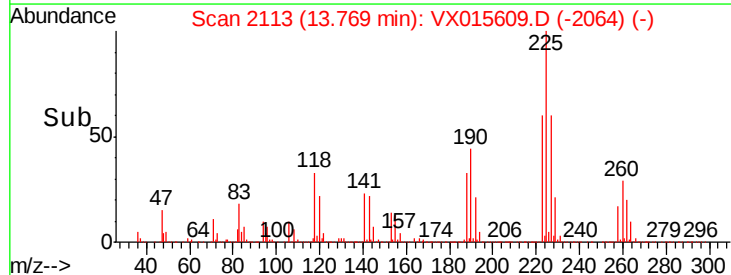
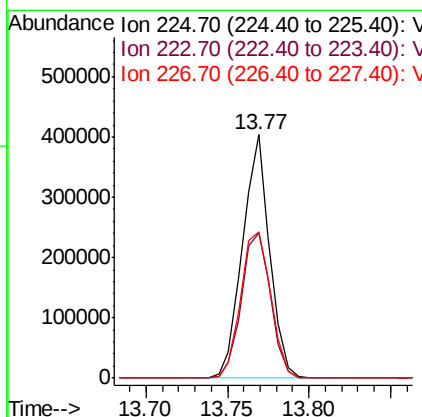
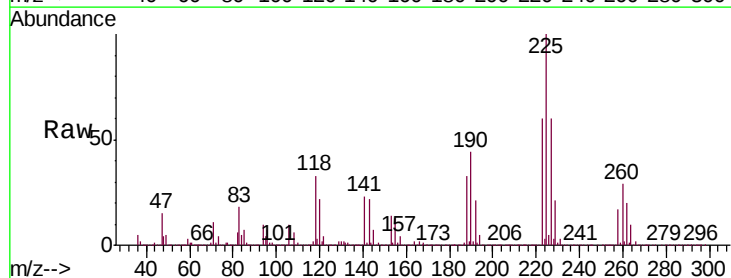
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:180 Resp: 1051067
 Ion Ratio Lower Upper
 180 100
 182 98.0 46.9 140.7
 145 29.3 14.9 44.5



#94
 Hexachlorobutadiene
 Concen: 46.078 ug/l
 RT: 13.77 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VX015609.D
 Acq: 09 Apr 2020 20:08

Tgt Ion:225 Resp: 466354
 Ion Ratio Lower Upper
 225 100
 223 64.4 31.9 95.7
 227 67.2 30.4 91.3

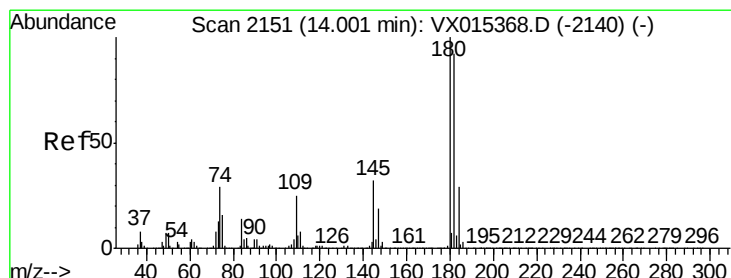
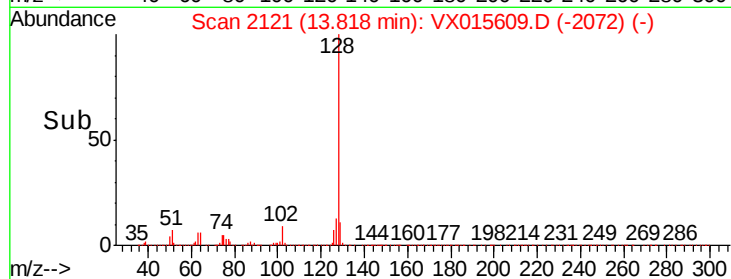
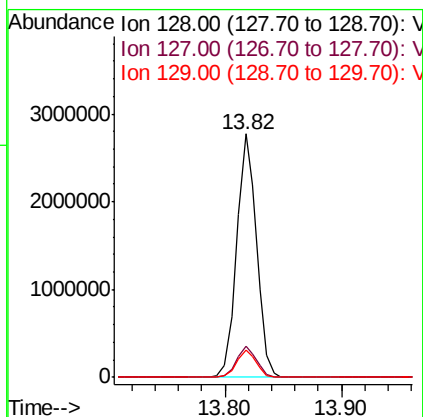
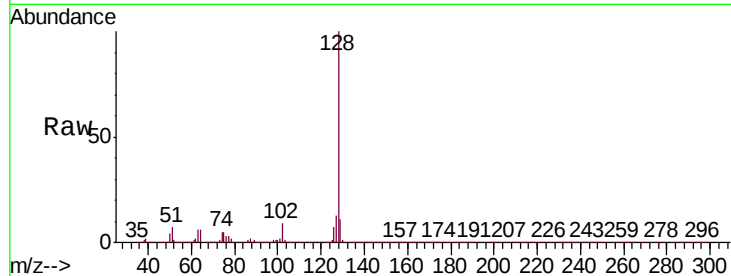




#95
Naphthalene
Concen: 50.660 ug/l
RT: 13.82 min Scan# 2121
Delta R.T. 0.00 min
Lab File: VX015609.D
Acq: 09 Apr 2020 20:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 3284902
Ion Ratio Lower Upper
128 100
127 12.7 10.6 15.8
129 11.0 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 49.393 ug/l
RT: 14.01 min Scan# 2152
Delta R.T. 0.01 min
Lab File: VX015609.D
Acq: 09 Apr 2020 20:08

Tgt Ion:180 Resp: 1010905
Ion Ratio Lower Upper
180 100
182 96.4 46.7 140.0
145 33.3 15.8 47.3

