

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX021020\
 Data File : VX014886.D
 Acq On : 10 Feb 2020 14:31
 Operator : JC/SP
 Sample : VX0210MBS01
 Misc : 5.00µL/100µL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0210MBS01

Quant Time: Feb 11 06:44:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 10 12:09:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	452342	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	661693	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	613961	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	331032	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	248735	48.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.44%	
35) Dibromofluoromethane	5.48	113	200854	49.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.76%	
50) Toluene-d8	8.71	98	781212	50.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.62%	
62) 4-Bromofluorobenzene	11.13	95	283327	50.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	86858	20.276	ug/l	100
3) Chloromethane	1.32	50	95303	19.623	ug/l	99
4) Vinyl Chloride	1.40	62	97118	18.563	ug/l	99
5) Bromomethane	1.64	94	63976	18.891	ug/l	100
6) Chloroethane	1.72	64	62324	18.617	ug/l	97
7) Trichlorofluoromethane	1.93	101	138236	18.911	ug/l	99
8) Diethyl Ether	2.18	74	58345	19.248	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	81911	19.305	ug/l	98
10) Methyl Iodide	2.50	142	76426	19.114	ug/l	99
11) Tert butyl alcohol	3.01	59	92494	102.616	ug/l	98
12) 1,1-Dichloroethene	2.37	96	78275	18.879	ug/l	98
13) Acrolein	2.28	56	62951	91.634	ug/l	98
14) Allyl chloride	2.72	41	133738	18.193	ug/l	99
15) Acrylonitrile	3.13	53	222564	97.401	ug/l	99
16) Acetone	2.43	43	240602	80.321	ug/l	99
17) Carbon Disulfide	2.56	76	216471	18.686	ug/l	99
18) Methyl Acetate	2.76	43	98519	19.161	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	261171	19.355	ug/l	100
20) Methylene Chloride	2.85	84	88563	18.034	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	85922	18.781	ug/l	98
22) Diisopropyl ether	3.84	45	267554	19.057	ug/l	90
23) Vinyl Acetate	3.80	43	1113229	96.186	ug/l	100
24) 1,1-Dichloroethane	3.69	63	151020	19.059	ug/l	98
25) 2-Butanone	4.65	43	328389	94.487	ug/l	98
26) 2,2-Dichloropropane	4.57	77	124091	18.172	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	94921	18.561	ug/l	100
28) Bromochloromethane	5.00	49	63199	20.577	ug/l	98
29) Tetrahydrofuran	5.11	42	194772	98.584	ug/l	98
30) Chloroform	5.20	83	151731	19.300	ug/l	96
31) Cyclohexane	5.57	56	136559	18.922	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	129727	18.864	ug/l	99
36) 1,1-Dichloropropene	5.79	75	112646	19.031	ug/l	99
37) Ethyl Acetate	4.81	43	122711	19.877	ug/l	99
38) Carbon Tetrachloride	5.78	117	110301	19.122	ug/l	98

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Instrument :
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 ClientSampleId :
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Quant Time: Feb 11 06:44:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 10 12:09:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	141638	19.134	ug/l	95
40) Benzene	6.13	78	339164	19.178	ug/l	98
41) Methacrylonitrile	5.02	41	67928	20.425	ug/l	98
42) 1,2-Dichloroethane	6.18	62	126426	19.779	ug/l	100
43) Isopropyl Acetate	6.43	43	202058	19.841	ug/l	99
44) Trichloroethene	7.20	130	99144	19.311	ug/l	95
45) 1,2-Dichloropropane	7.50	63	86747	19.233	ug/l	99
46) Dibromomethane	7.65	93	59792	19.394	ug/l	99
47) Bromodichloromethane	7.89	83	114847	18.788	ug/l	97
48) Methyl methacrylate	7.76	41	99688	19.890	ug/l	99
49) 1,4-Dioxane	7.73	88	41391	441.711	ug/l	99
51) 4-Methyl-2-Pentanone	8.63	43	613955	99.842	ug/l	100
52) Toluene	8.78	92	214582	19.104	ug/l	97
53) t-1,3-Dichloropropene	9.03	75	128314	19.153	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	142345	19.234	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	86974	19.138	ug/l	98
56) Ethyl methacrylate	9.17	69	135518	19.840	ug/l	99
57) 1,3-Dichloropropane	9.36	76	148501	19.412	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	339765	95.110	ug/l	99
59) 2-Hexanone	9.48	43	483468	100.026	ug/l	100
60) Dibromochloromethane	9.57	129	93753	19.170	ug/l	97
61) 1,2-Dibromoethane	9.67	107	94258	19.223	ug/l	100
64) Tetrachloroethene	9.33	164	119152	20.757	ug/l	95
65) Chlorobenzene	10.13	112	241388	19.384	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	87853	19.433	ug/l	99
67) Ethyl Benzene	10.25	91	417307	19.704	ug/l	99
68) m/p-Xylenes	10.36	106	320408	39.273	ug/l	97
69) o-Xylene	10.70	106	150520	19.193	ug/l	98
70) Styrene	10.71	104	258029	19.448	ug/l	99
71) Bromoform	10.85	173	71890	19.051	ug/l #	98
73) Isopropylbenzene	11.01	105	406716	19.592	ug/l	100
74) N-amyl acetate	10.89	43	168831	19.573	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	130145	19.178	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	151286	25.273	ug/l	93
77) Bromobenzene	11.25	156	112488	19.414	ug/l	96
78) n-propylbenzene	11.35	91	464967	19.365	ug/l	100
79) 2-Chlorotoluene	11.42	91	273388	19.368	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	339839	19.592	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	42454	18.154	ug/l	94
82) 4-Chlorotoluene	11.50	91	323004	19.323	ug/l	100
83) tert-Butylbenzene	11.76	119	311627	18.972	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	346300	19.811	ug/l	100
85) sec-Butylbenzene	11.94	105	400666	19.635	ug/l	99
86) p-Isopropyltoluene	12.06	119	368835	19.316	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	197971	19.046	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	199011	18.748	ug/l	99
89) n-Butylbenzene	12.38	91	320039	18.714	ug/l	99
90) Hexachloroethane	12.59	117	61043	18.306	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	194547	19.085	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	29057	18.251	ug/l	99

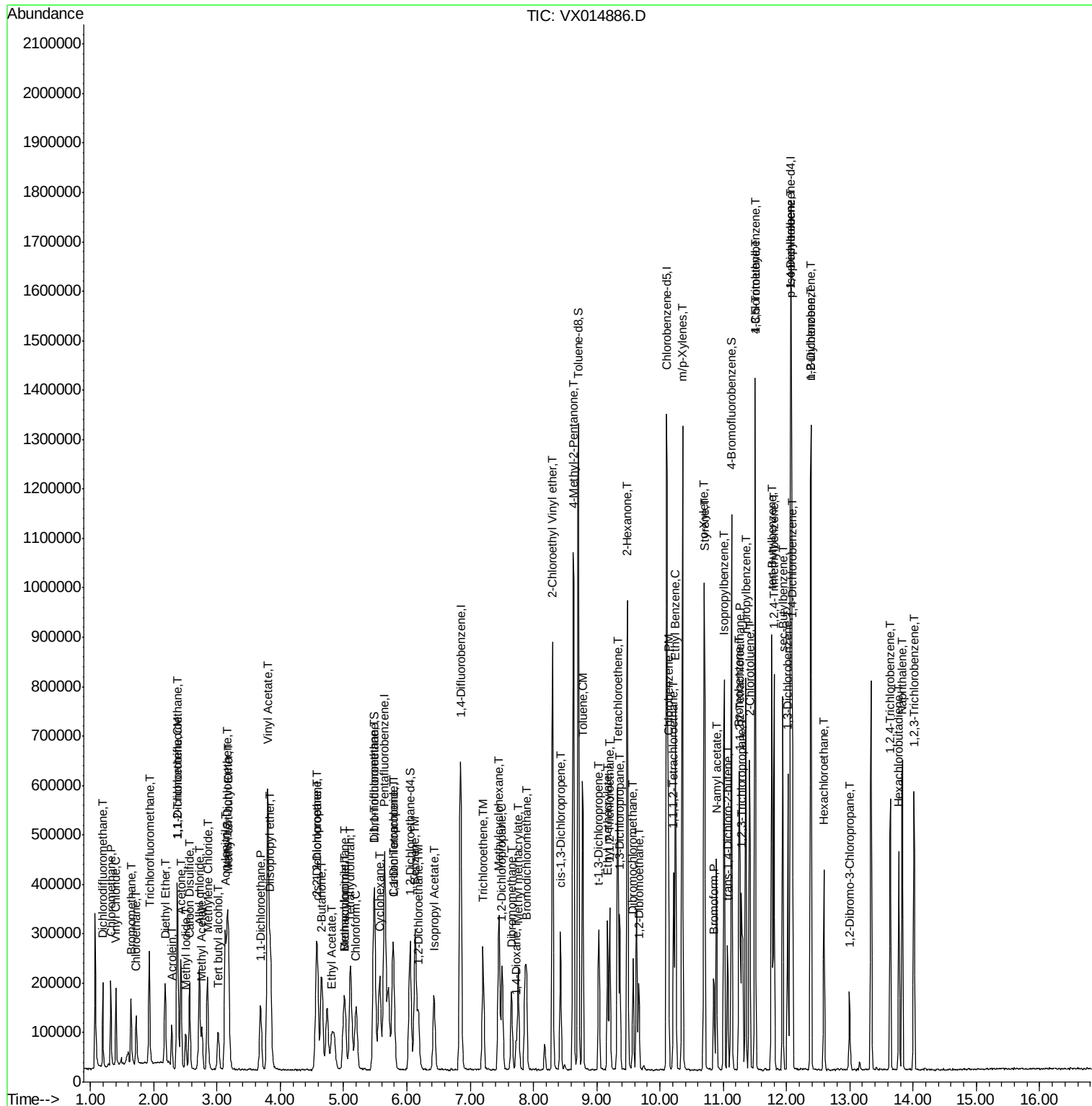
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX021020\
Data File : VX014886.D
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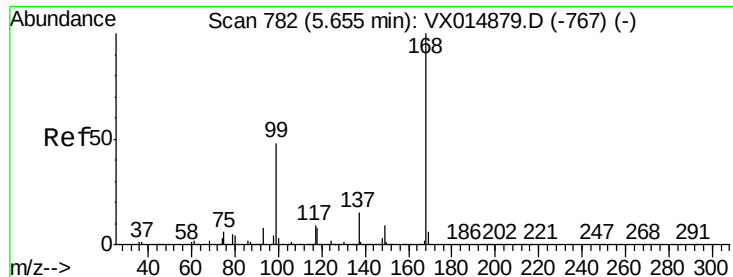
Instrument :
MSVOA_X
ClientSampleId :
VX0210MBS01

Quant Time: Feb 11 06:44:06 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
Quant Title : SW846 8260
QLast Update : Mon Feb 10 12:09:20 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	141703	18.833	ug/l	99
94) Hexachlorobutadiene	13.78	225	71014	19.514	ug/l	99
95) Naphthalene	13.83	128	403332	20.161	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	141923	19.524	ug/l	98

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.01 min

Lab File: VX014886.D

Acq: 10 Feb 2020 14:31

Instrument :

MSVOA_X

ClientSampleId :

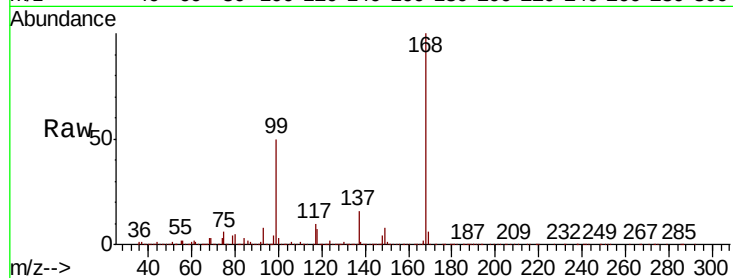
VX0210MBS01

Tot Ion:168 Resp: 452342

Ion Ratio Lower Upper

168 100

99 49.6 38.7 58.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

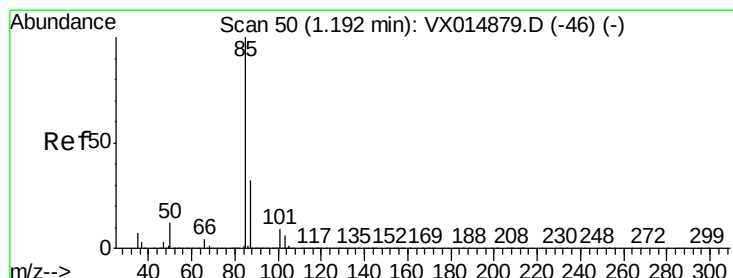
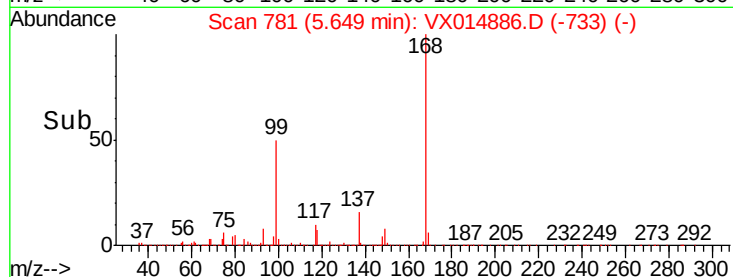
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 20.276 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014886.D

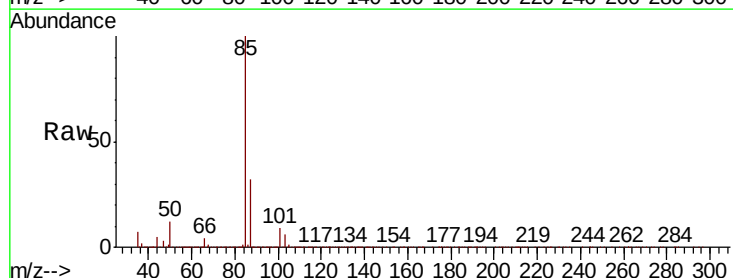
Acq: 10 Feb 2020 14:31

Tgt Ion: 85 Resp: 86858

Ion Ratio Lower Upper

85 100

87 32.1 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

100000

80000

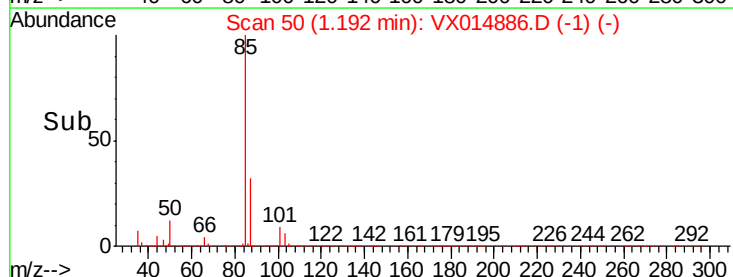
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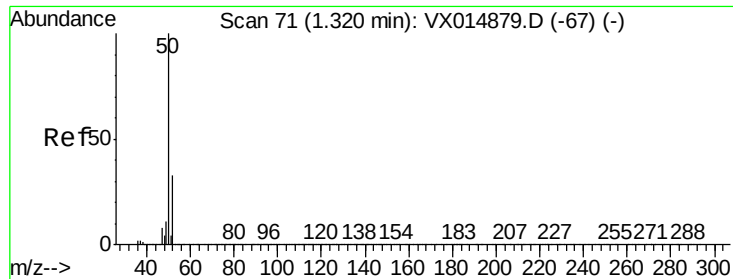
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Time-->

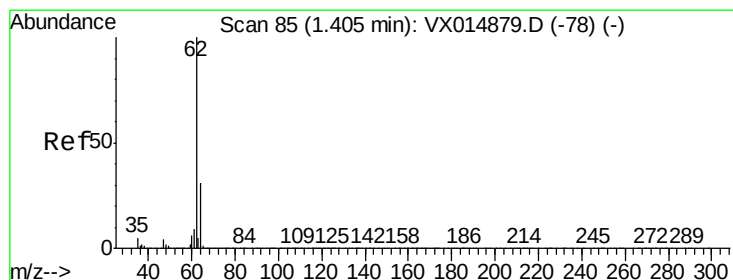
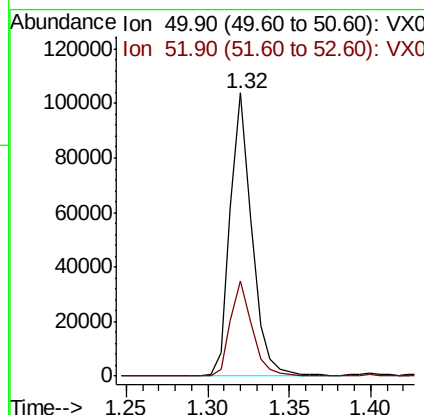
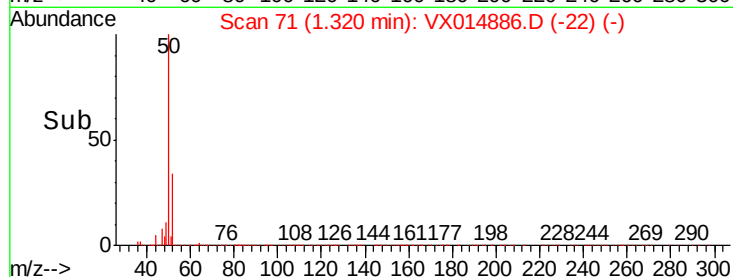
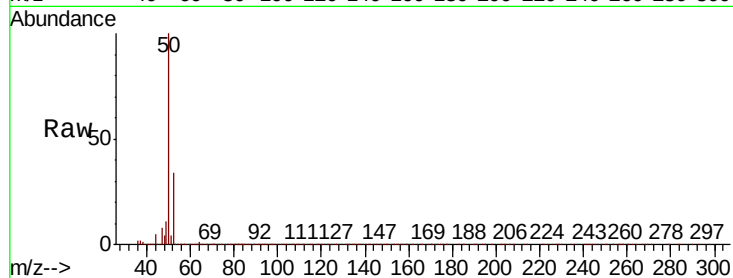




#3
Chloromethane
Concen: 19.623 ug/l
RT: 1.32 min Scan# 71
Delta R.T. 0.00 min
Lab File: VX014886.D
Acq: 10 Feb 2020 14:31

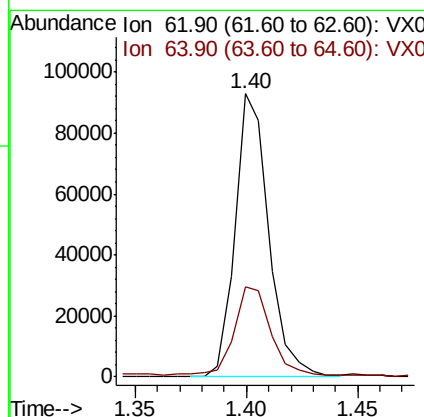
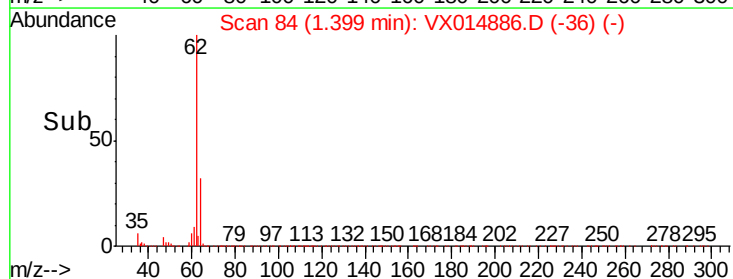
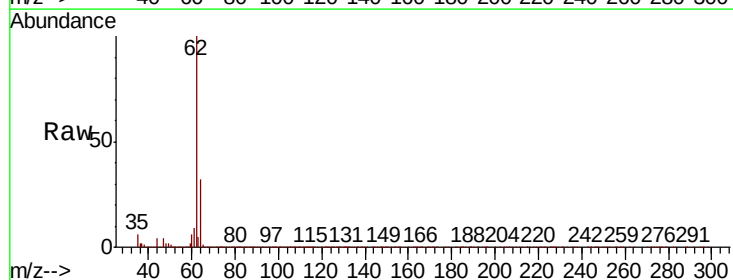
Instrument :
MSVOA_X
ClientSampleId :
VX0210MBS01

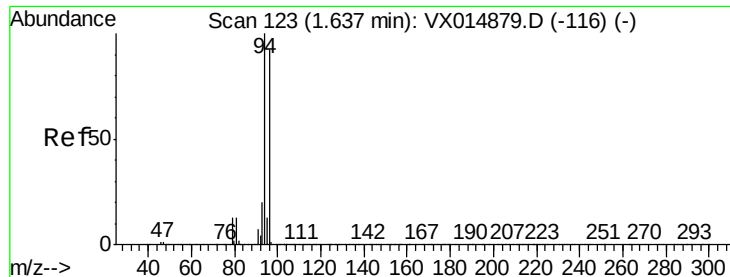
Tot Ion: 50 Resp: 95303
Ion Ratio Lower Upper
50 100
52 33.5 26.2 39.2



#4
Vinyl Chloride
Concen: 18.563 ug/l
RT: 1.40 min Scan# 84
Delta R.T. -0.01 min
Lab File: VX014886.D
Acq: 10 Feb 2020 14:31

Tgt Ion: 62 Resp: 97118
Ion Ratio Lower Upper
62 100
64 31.3 24.8 37.2





#5

Bromomethane

Concen: 18.891 ug/l

RT: 1.64 min Scan# 124

Delta R.T. 0.01 min

Lab File: VX014886.D

Acq: 10 Feb 2020 14:31

Instrument :

MSVOA_X

ClientSampled :

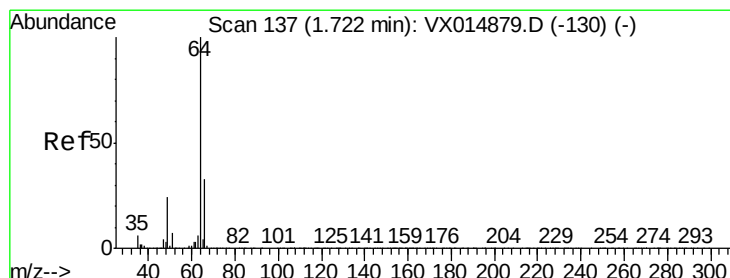
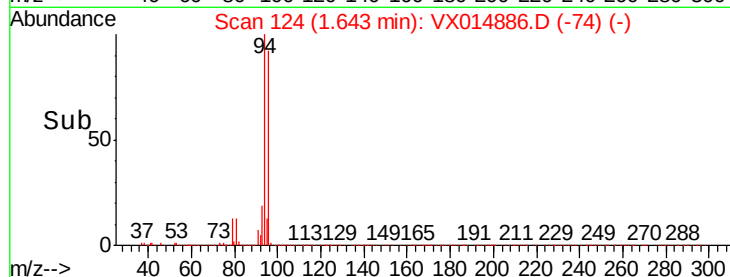
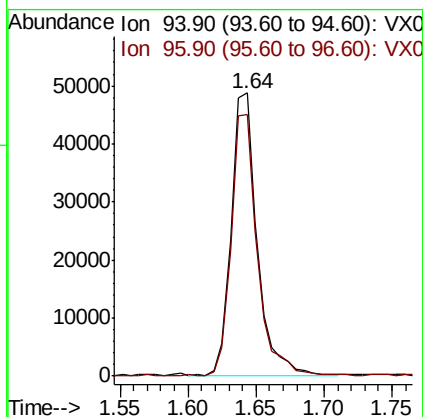
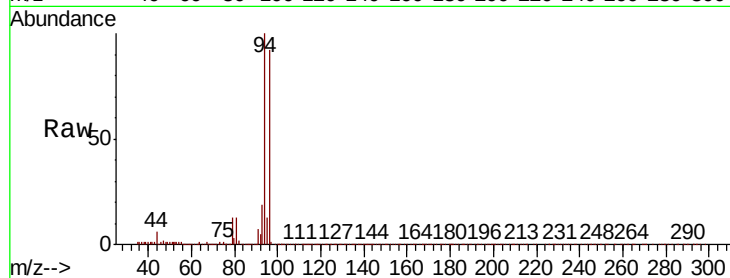
VX0210MBS01

Tot Ion: 94 Resp: 63976

Ion Ratio Lower Upper

94 100

96 92.1 73.7 110.5



#6

Chloroethane

Concen: 18.617 ug/l

RT: 1.72 min Scan# 137

Delta R.T. 0.00 min

Lab File: VX014886.D

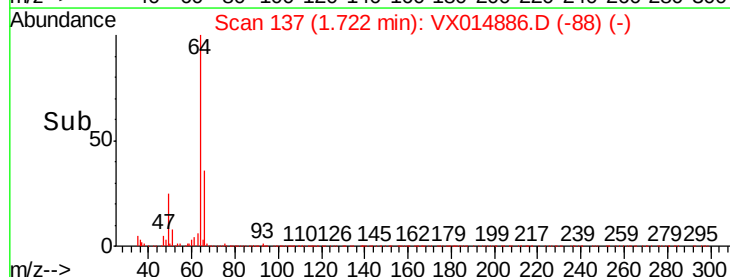
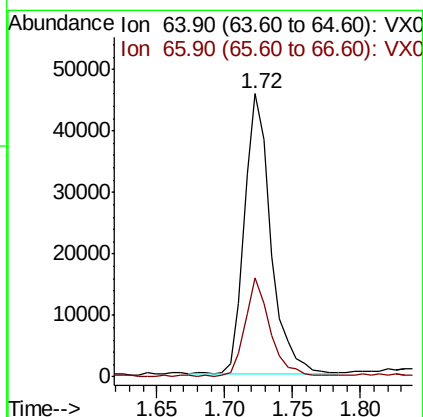
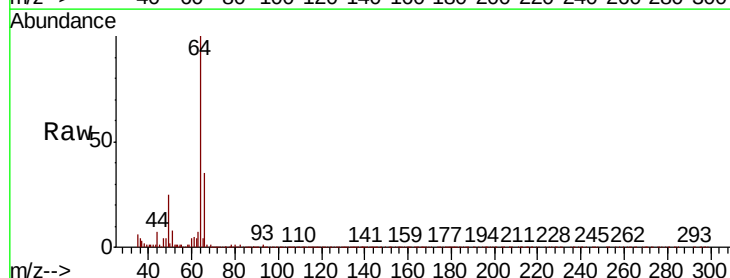
Acq: 10 Feb 2020 14:31

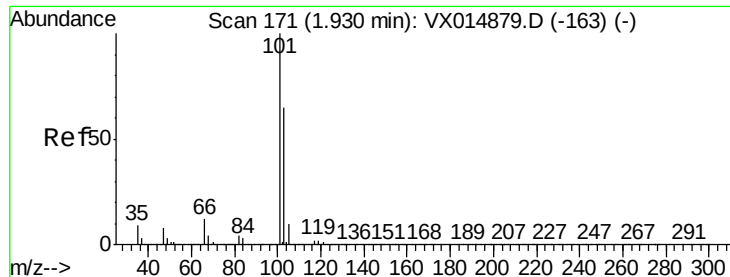
Tgt Ion: 64 Resp: 62324

Ion Ratio Lower Upper

64 100

66 34.7 26.2 39.4



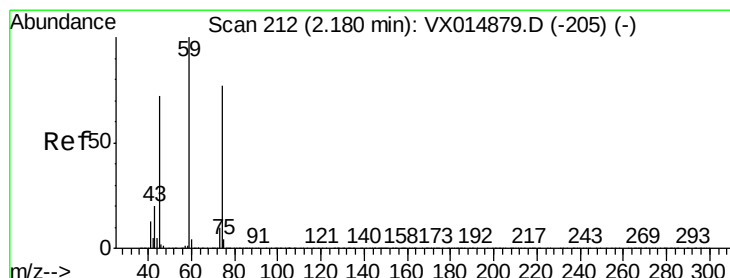
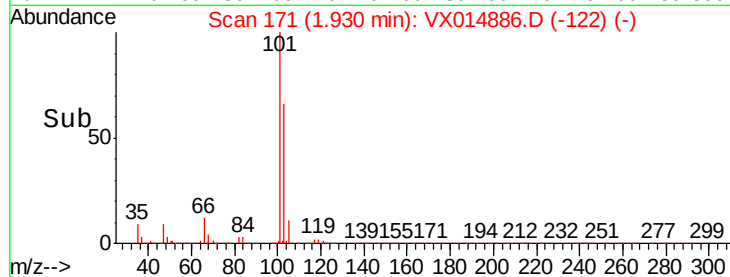
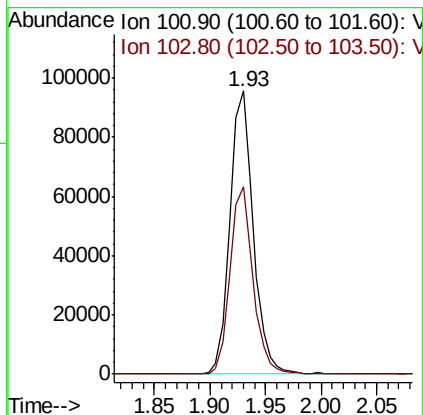
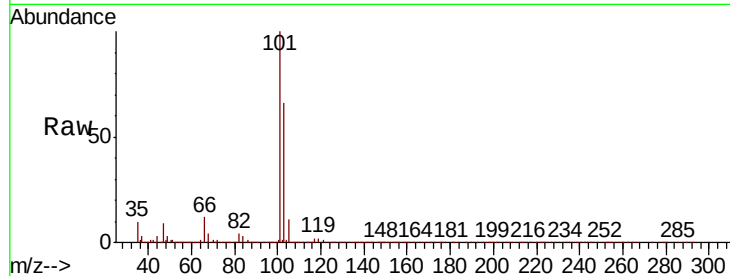


#7

Trichlorofluoromethane
Concen: 18.911 ug/l
RT: 1.93 min Scan# 171
Delta R.T. 0.00 min
Lab File: VX014886.D
Acq: 10 Feb 2020 14:31

Instrument :
MSVOA_X
ClientSampleId :
VX0210MBS01

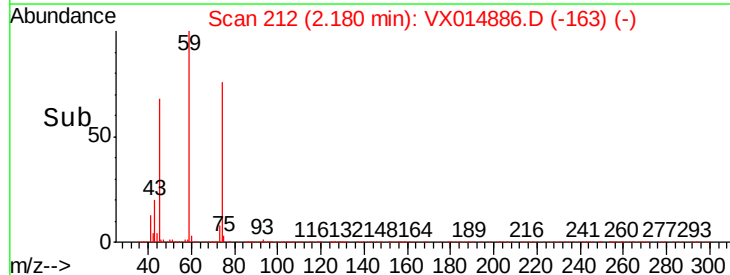
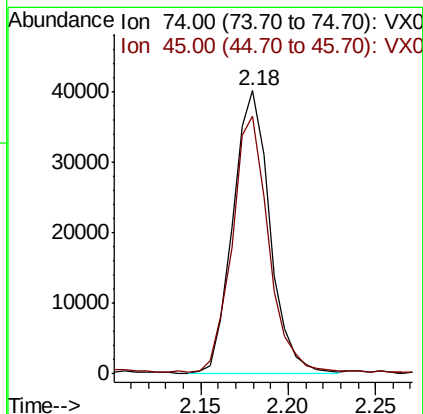
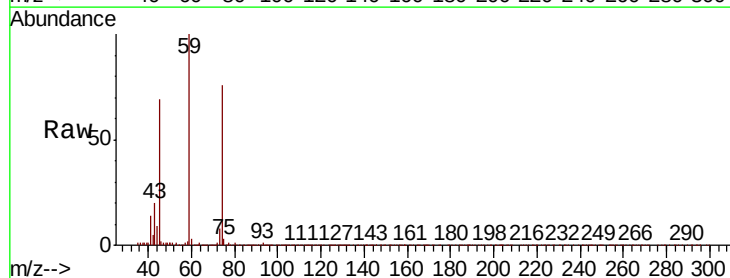
Tot Ion:101 Resp: 138236
Ion Ratio Lower Upper
101 100
103 66.0 52.2 78.4

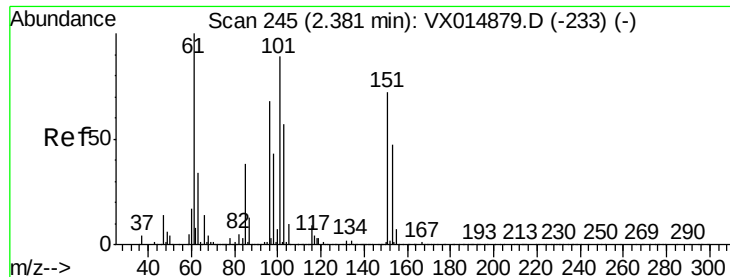


#8

Diethyl Ether
Concen: 19.248 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014886.D
Acq: 10 Feb 2020 14:31

Tgt Ion: 74 Resp: 58345
Ion Ratio Lower Upper
74 100
45 90.0 46.6 139.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.305 ug/l

RT: 2.38 min Scan# 245

Delta R.T. 0.00 min

Lab File: VX014886.D

Acq: 10 Feb 2020 14:31

Instrument :

MSVOA_X

ClientSampleId :

VX0210MBS01

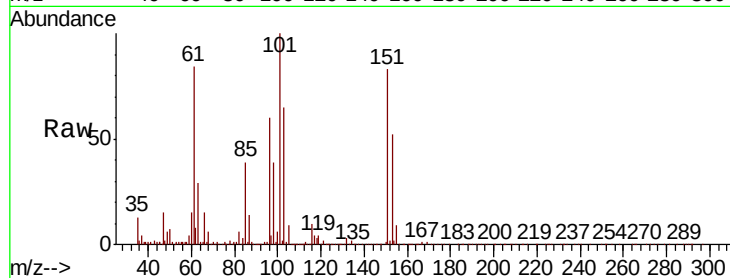
Tot Ion:101 Resp: 81911

Ion Ratio Lower Upper

101 100

85 40.6 34.1 51.1

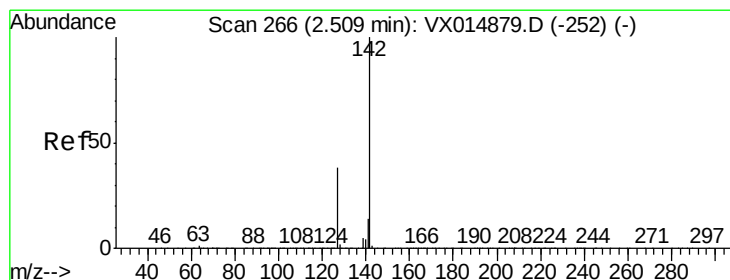
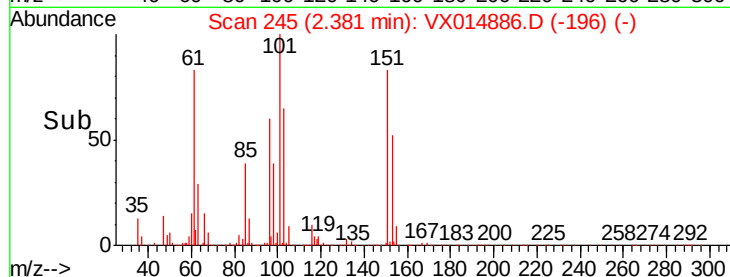
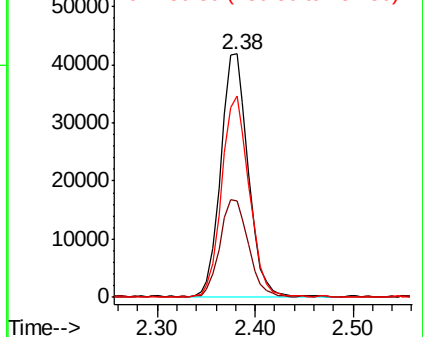
151 82.5 67.3 100.9



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: 19.114 ug/l

RT: 2.50 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX014886.D

Acq: 10 Feb 2020 14:31

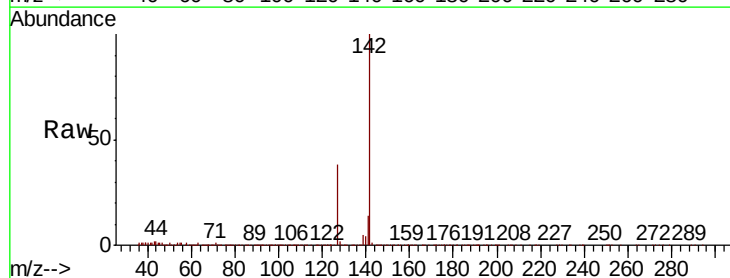
Tgt Ion:142 Resp: 76426

Ion Ratio Lower Upper

142 100

127 39.2 31.1 46.7

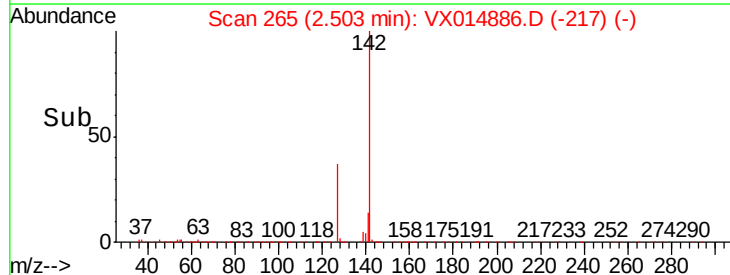
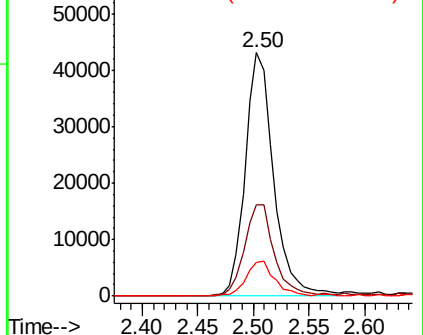
141 14.6 11.3 16.9

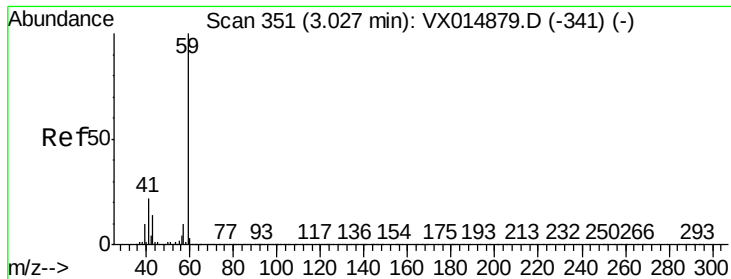


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



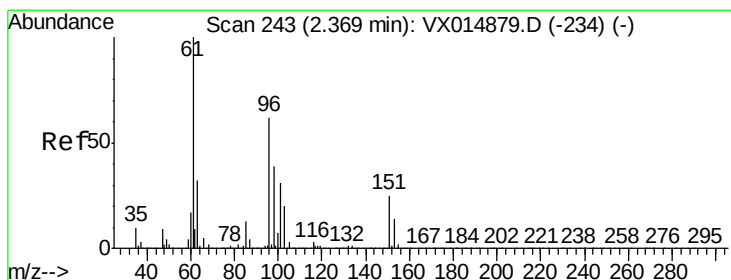
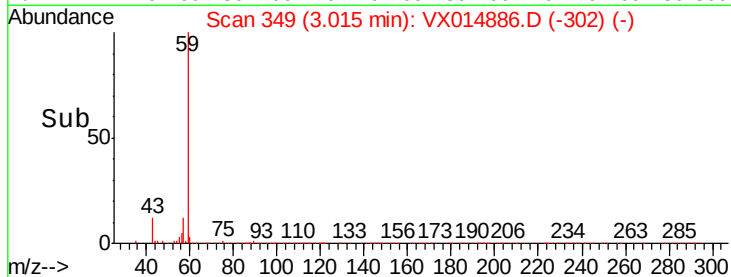
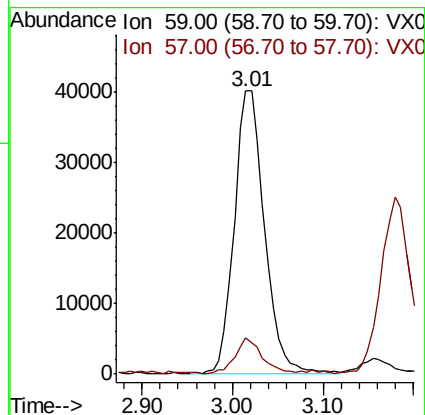
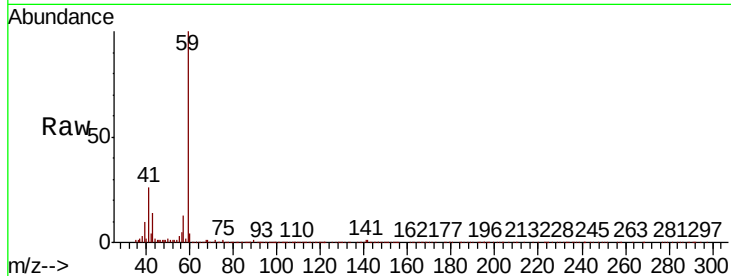


#11

Tert butyl alcohol
 Concen: 102.616 ug/l
 RT: 3.01 min Scan# 349
 Delta R.T. -0.01 min
 Lab File: VX014886.D
 Acq: 10 Feb 2020 14:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0210MBS01

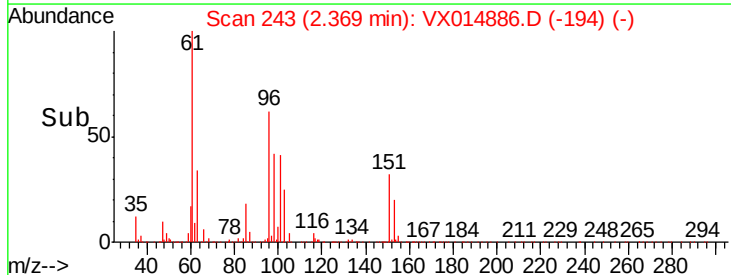
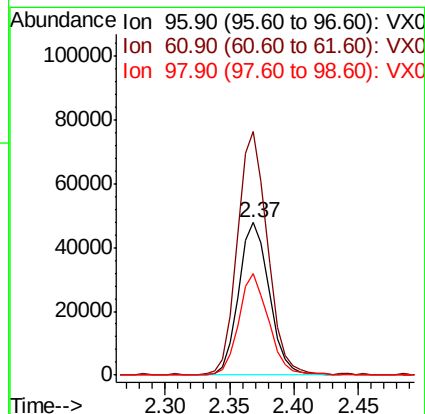
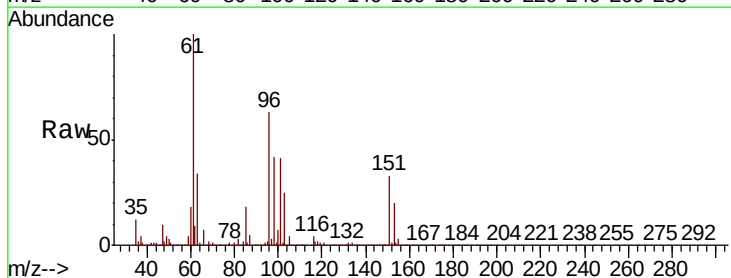
Tot Ion: 59 Resp: 92494
 Ion Ratio Lower Upper
 59 100
 57 11.0 8.2 12.4

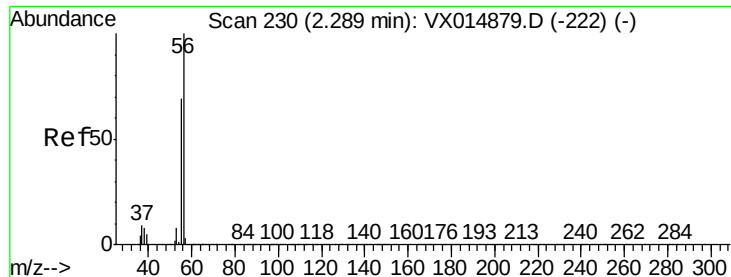


#12

1,1-Dichloroethene
 Concen: 18.879 ug/l
 RT: 2.37 min Scan# 243
 Delta R.T. 0.00 min
 Lab File: VX014886.D
 Acq: 10 Feb 2020 14:31

Tgt Ion: 96 Resp: 78275
 Ion Ratio Lower Upper
 96 100
 61 159.6 129.5 194.3
 98 66.6 50.6 76.0





#13

Acrolein

Concen: 91.634 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.01 min

Lab File: VX014886.D

Acq: 10 Feb 2020 14:31

Instrument :

MSVOA_X

ClientSampleId :

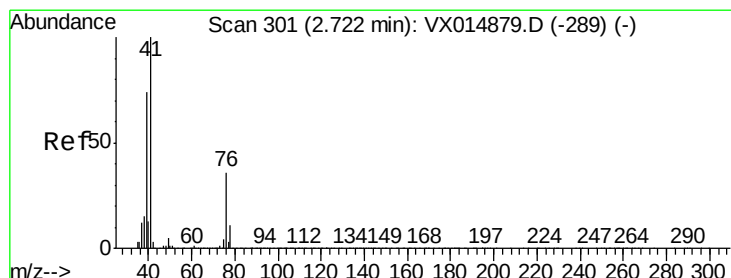
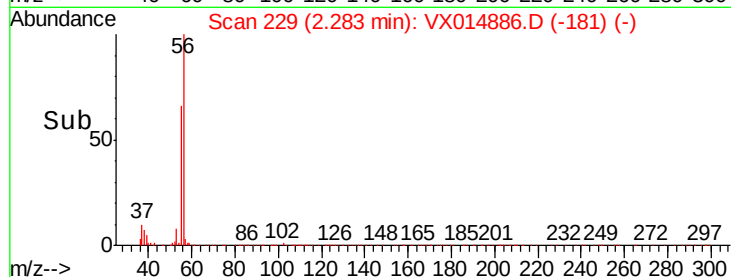
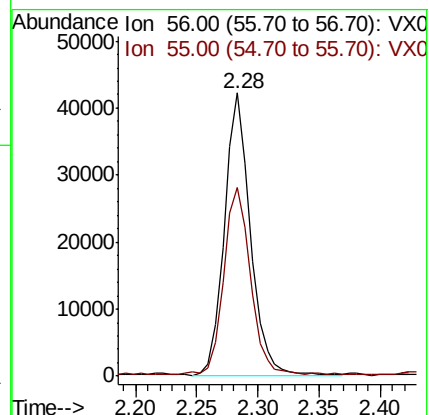
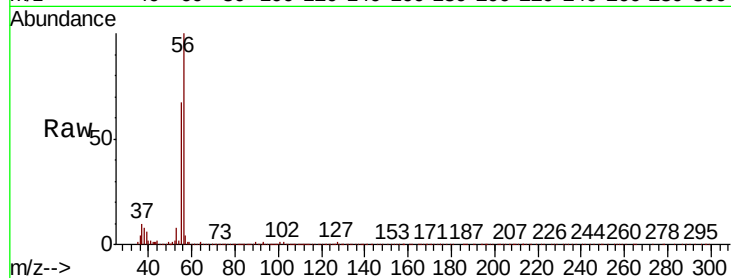
VX0210MBS01

Tot Ion: 56 Resp: 62951

Ion Ratio Lower Upper

56 100

55 66.9 55.0 82.4



#14

Allyl chloride

Concen: 18.193 ug/l

RT: 2.72 min Scan# 301

Delta R.T. 0.00 min

Lab File: VX014886.D

Acq: 10 Feb 2020 14:31

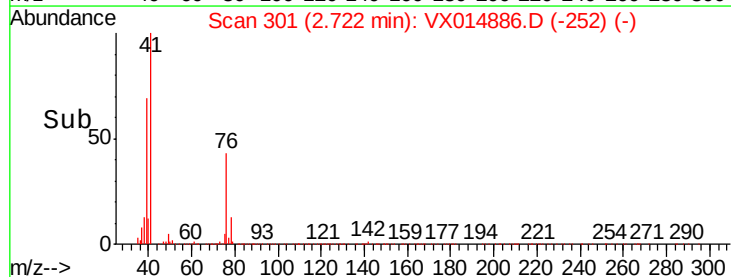
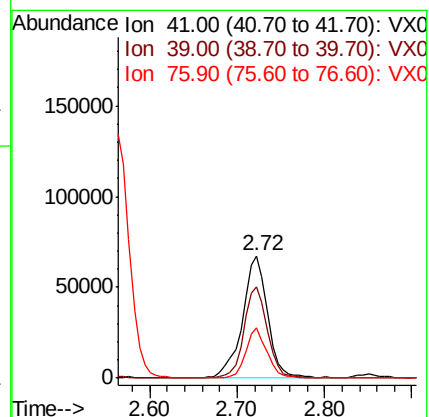
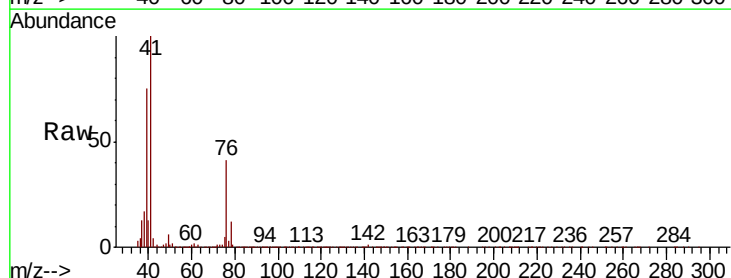
Tgt Ion: 41 Resp: 133738

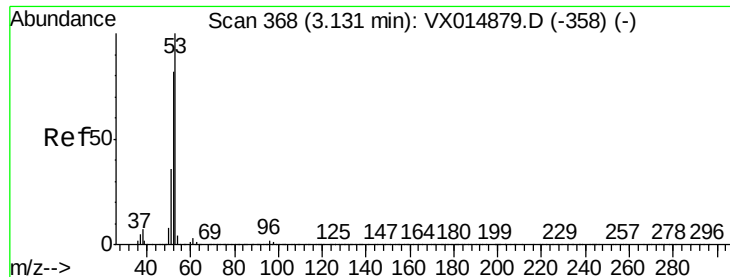
Ion Ratio Lower Upper

41 100

39 68.4 55.2 82.8

76 33.6 26.8 40.2





#15

Acrylonitrile

Concen: 97.401 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX014886.D

Acq: 10 Feb 2020 14:31

Instrument :

MSVOA_X

ClientSampleId :

VX0210MBS01

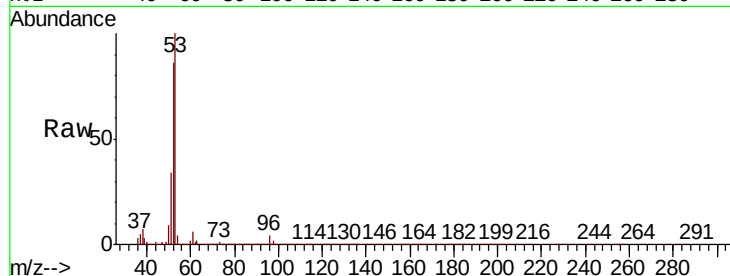
Tot Ion: 53 Resp: 222564

Ion Ratio Lower Upper

53 100

52 82.9 65.8 98.6

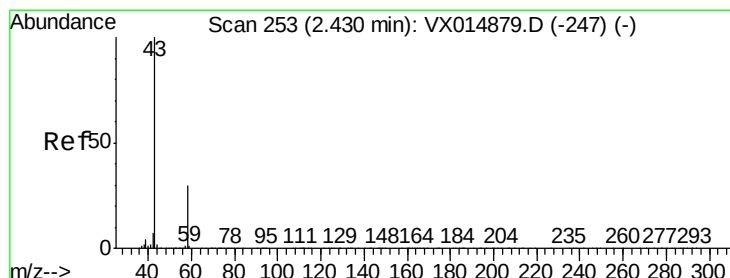
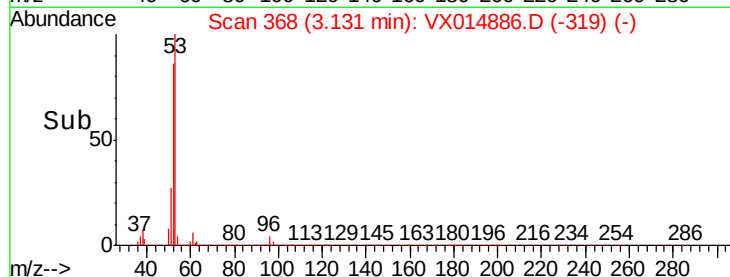
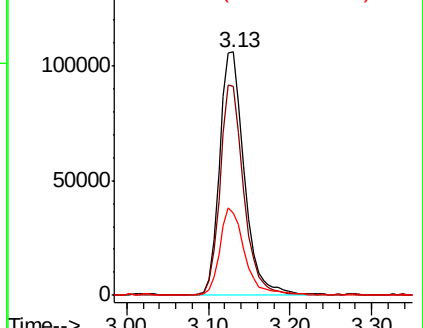
51 35.6 29.1 43.7



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 80.321 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX014886.D

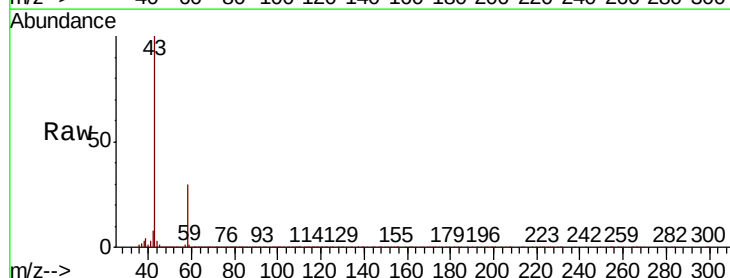
Acq: 10 Feb 2020 14:31

Tgt Ion: 43 Resp: 240602

Ion Ratio Lower Upper

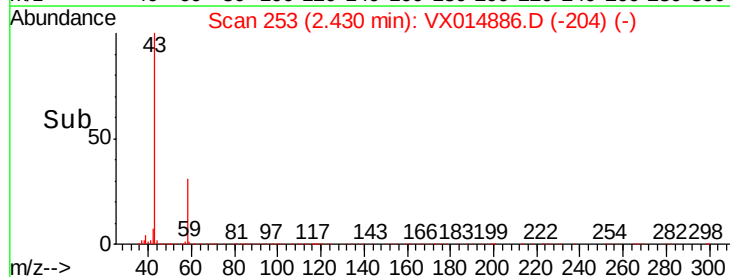
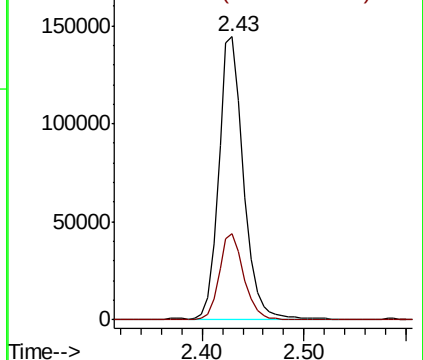
43 100

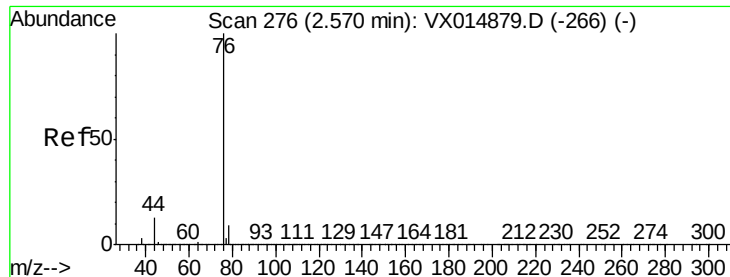
58 30.5 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 18.686 ug/l

RT: 2.56 min Scan# 275

Delta R.T. -0.01 min

Lab File: VX014886.D

Acq: 10 Feb 2020 14:31

Instrument :

MSVOA_X

ClientSampleId :

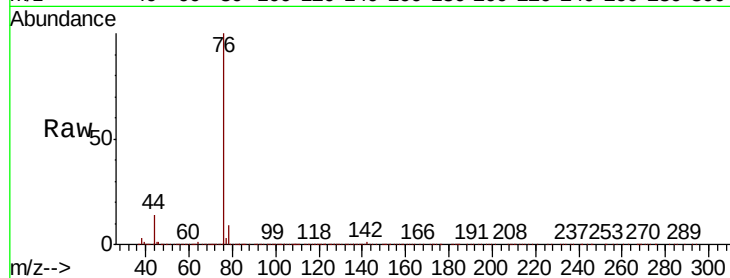
VX0210MBS01

Tot Ion: 76 Resp: 216471

Ion Ratio Lower Upper

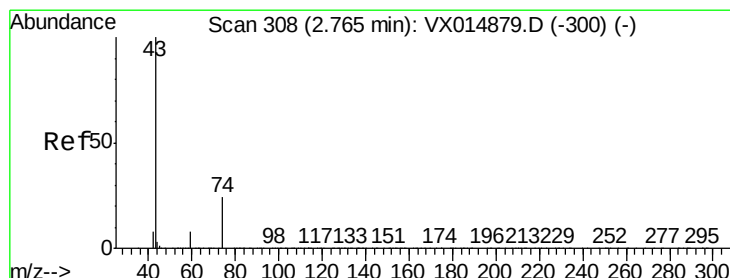
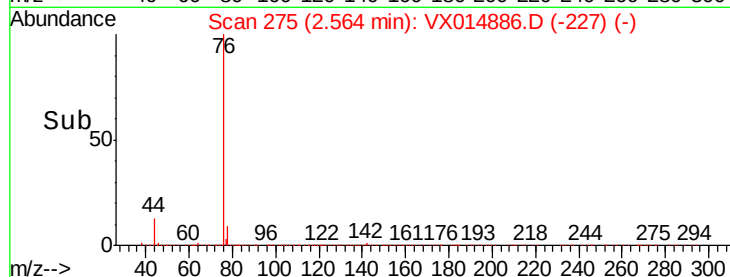
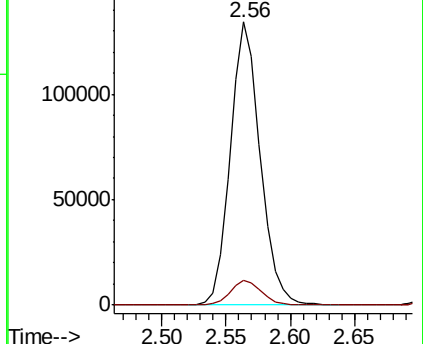
76 100

78 8.8 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 19.161 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX014886.D

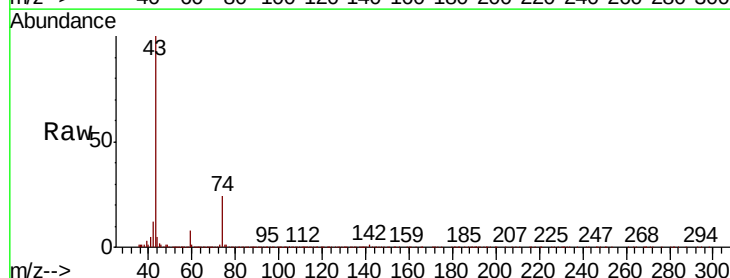
Acq: 10 Feb 2020 14:31

Tgt Ion: 43 Resp: 98519

Ion Ratio Lower Upper

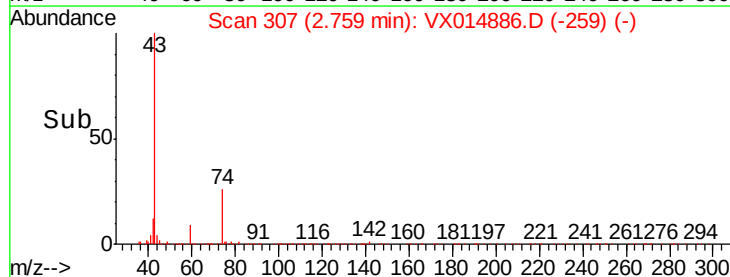
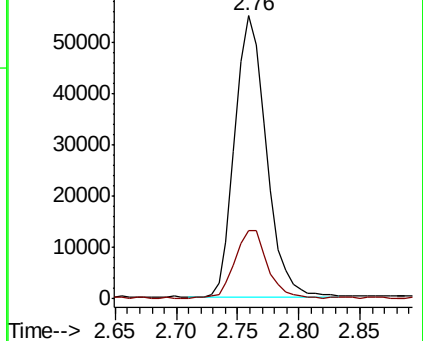
43 100

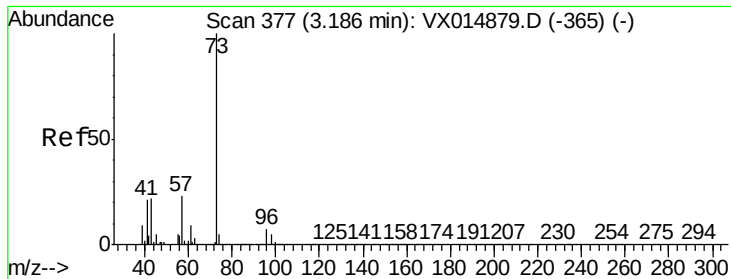
74 24.6 19.4 29.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

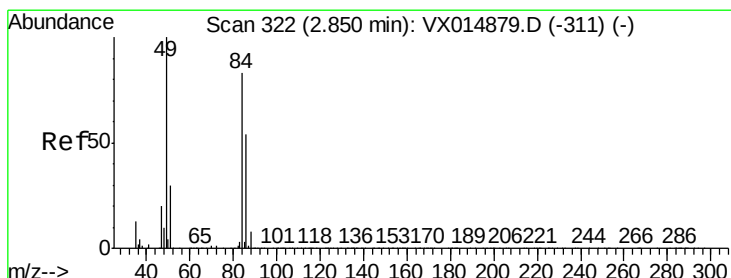
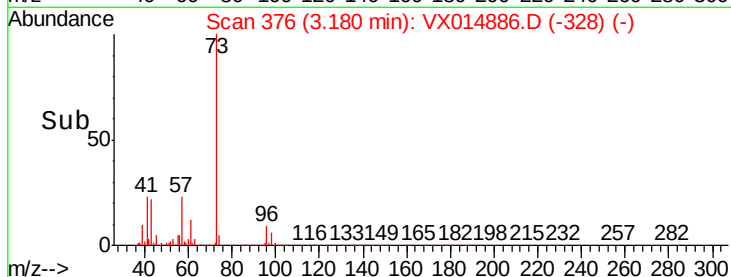
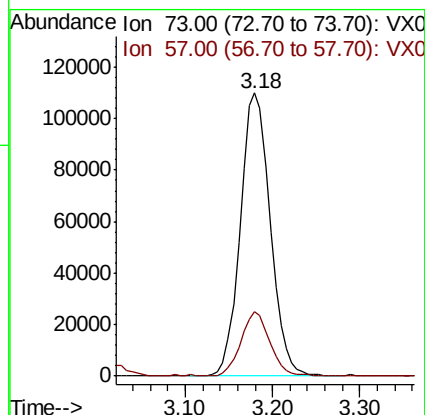
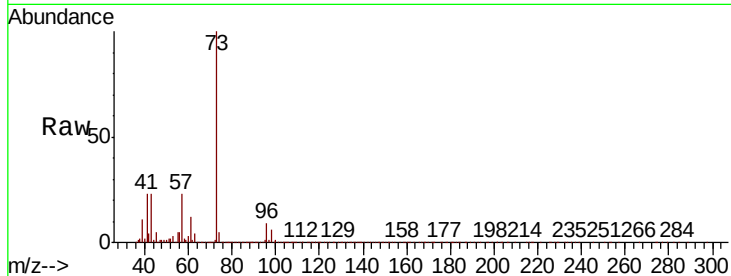




#19
Methyl tert-butyl Ether
Concen: 19.355 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX014886.D
Acq: 10 Feb 2020 14:31

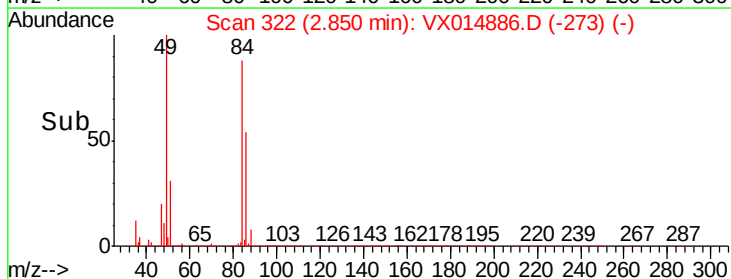
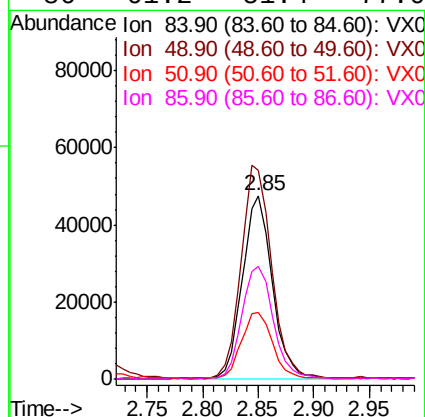
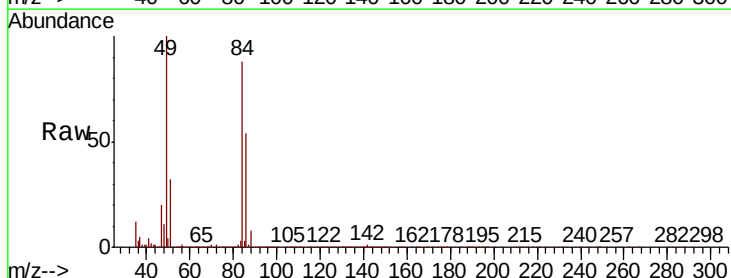
Instrument :
MSVOA_X
ClientSampleId :
VX0210MBS01

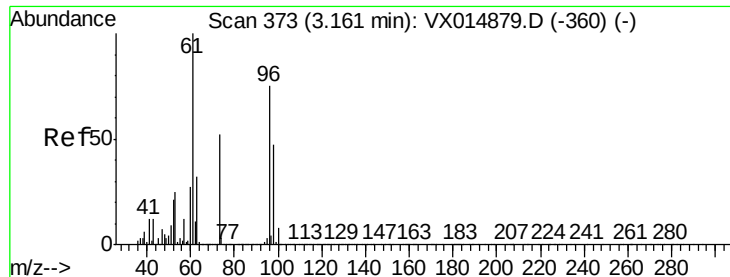
Tot Ion: 73 Resp: 261171
Ion Ratio Lower Upper
73 100
57 22.6 18.2 27.4



#20
Methylene Chloride
Concen: 18.034 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX014886.D
Acq: 10 Feb 2020 14:31

Tgt Ion: 84 Resp: 88563
Ion Ratio Lower Upper
84 100
49 113.9 95.6 143.4
51 35.6 29.0 43.6
86 61.2 51.4 77.0





#21

trans-1,2-Dichloroethene

Concen: 18.781 ug/l

RT: 3.16 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX014886.D

Acq: 10 Feb 2020 14:31

Instrument :

MSVOA_X

ClientSampleId :

VX0210MBS01

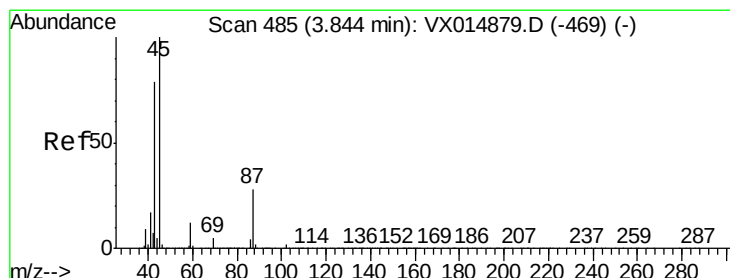
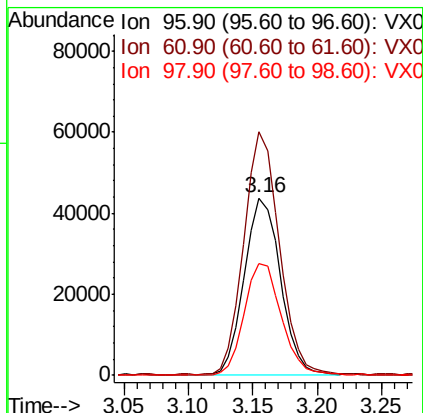
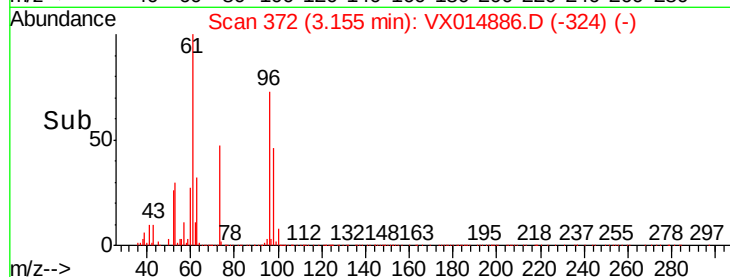
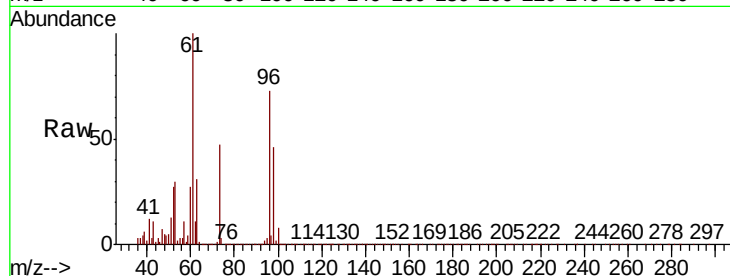
Tot Ion: 96 Resp: 85922

Ion Ratio Lower Upper

96 100

61 136.3 106.9 160.3

98 62.8 50.7 76.1



#22

Diisopropyl ether

Concen: 19.057 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX014886.D

Acq: 10 Feb 2020 14:31

Tgt Ion: 45 Resp: 267554

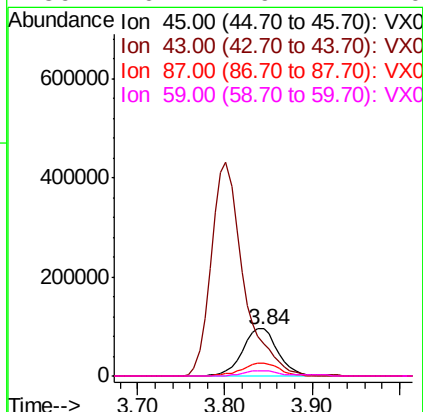
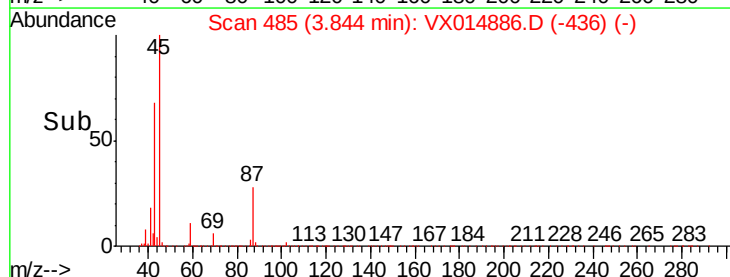
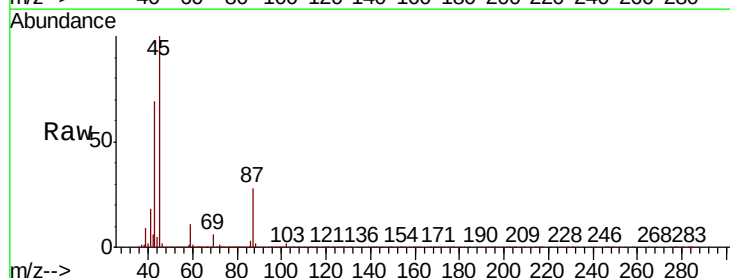
Ion Ratio Lower Upper

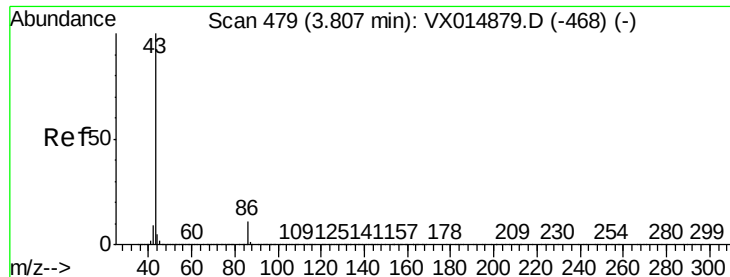
45 100

43 67.1 63.5 95.3

87 28.2 22.2 33.4

59 10.7 9.4 14.0





#23

Vinyl Acetate

Concen: 96.186 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.01 min

Lab File: VX014886.D

Acq: 10 Feb 2020 14:31

Instrument :

MSVOA_X

ClientSampleId :

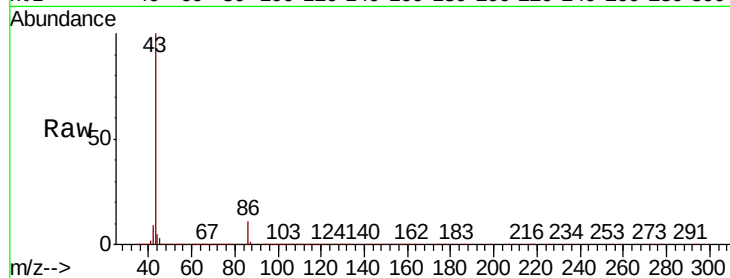
VX0210MBS01

Tot Ion: 43 Resp: 1113229

Ion Ratio Lower Upper

43 100

86 11.2 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.80

400000

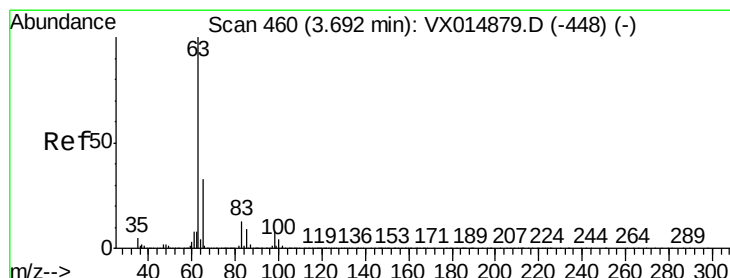
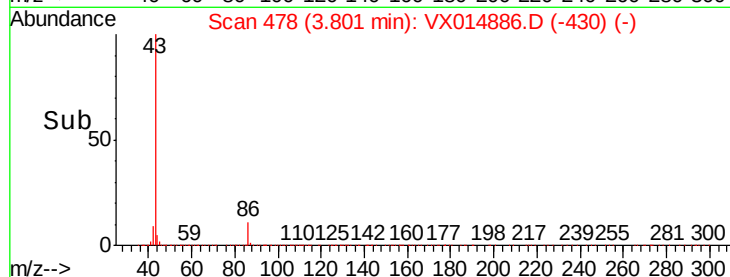
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 19.059 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.01 min

Lab File: VX014886.D

Acq: 10 Feb 2020 14:31

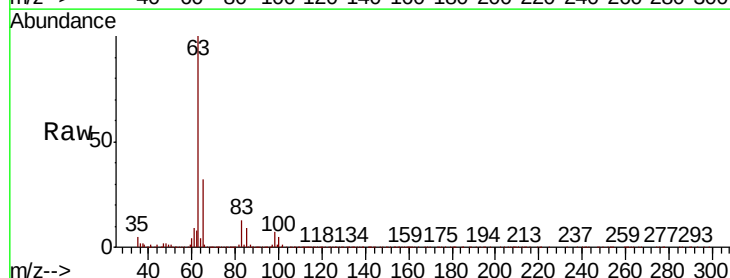
Tgt Ion: 63 Resp: 151020

Ion Ratio Lower Upper

63 100

98 7.3 3.9 11.5

100 5.4 2.2 6.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

80000

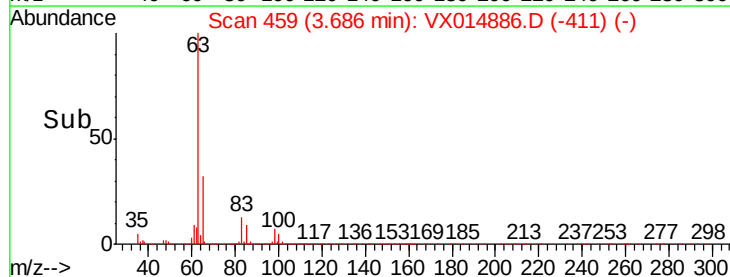
60000

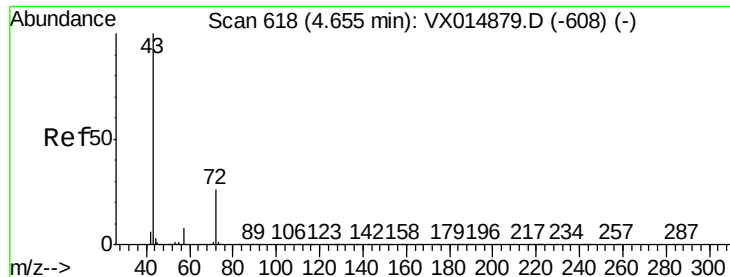
40000

20000

0

Time-->





#25

2-Butanone

Concen: 94.487 ug/l

RT: 4.65 min Scan# 618

Delta R.T. 0.00 min

Lab File: VX014886.D

Acq: 10 Feb 2020 14:31

Instrument :

MSVOA_X

ClientSampleId :

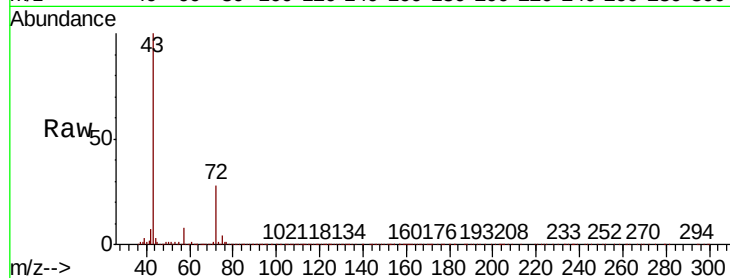
VX0210MBS01

Tot Ion: 43 Resp: 328389

Ion Ratio Lower Upper

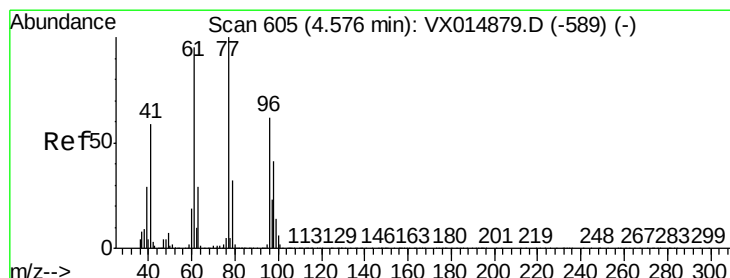
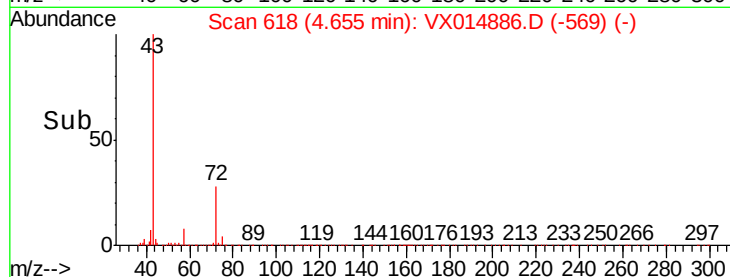
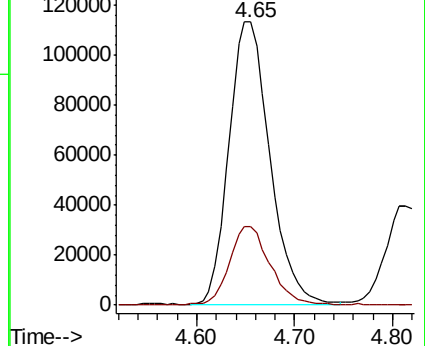
43 100

72 27.5 21.0 31.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 18.172 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014886.D

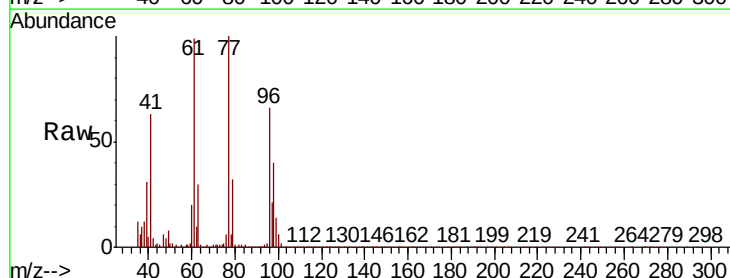
Acq: 10 Feb 2020 14:31

Tgt Ion: 77 Resp: 124091

Ion Ratio Lower Upper

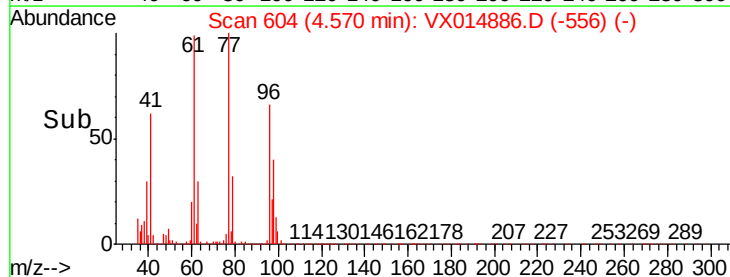
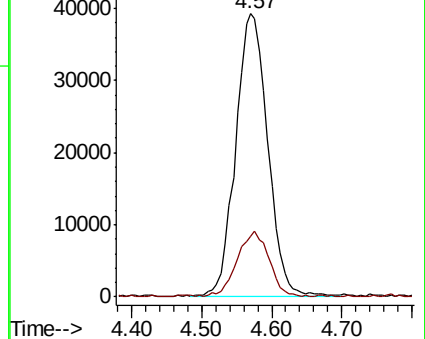
77 100

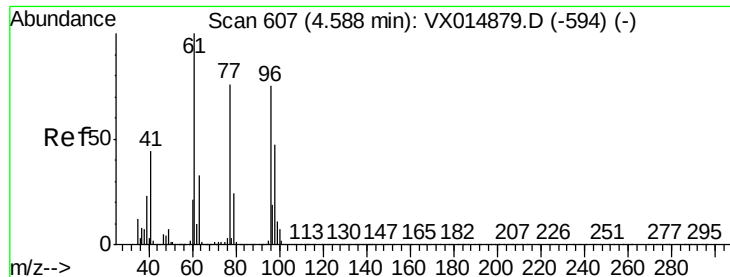
97 22.6 11.9 35.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



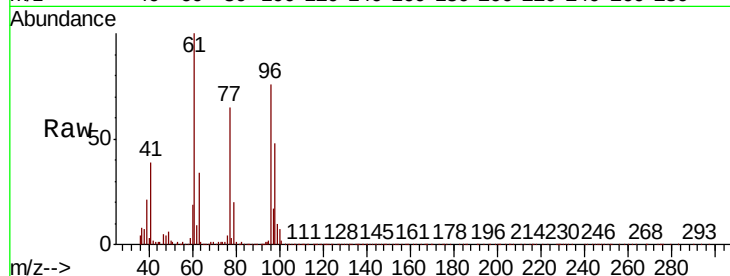


#27

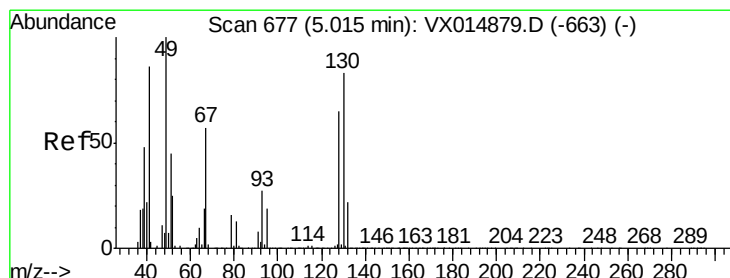
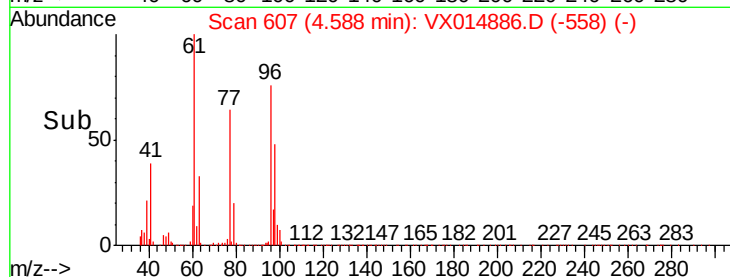
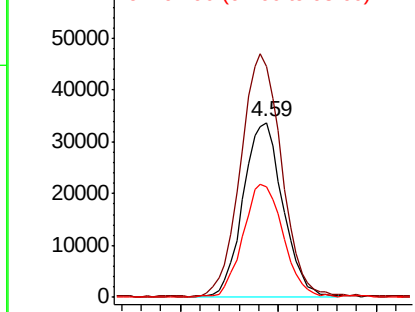
cis-1,2-Dichloroethene
Concen: 18.561 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX014886.D
Acq: 10 Feb 2020 14:31

Instrument :
MSVOA_X
ClientSampleId :
VX0210MBS01

Tot Ion: 96 Resp: 94921
Ion Ratio Lower Upper
96 100
61 142.6 0.0 286.2
98 65.8 0.0 131.0



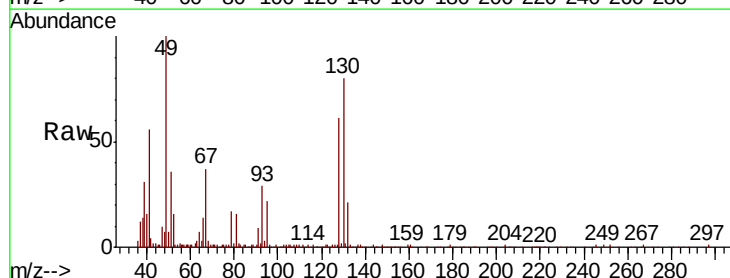
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



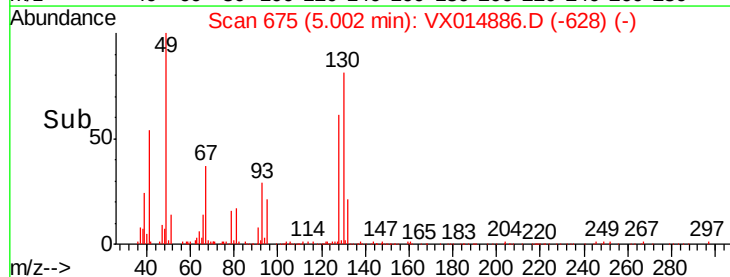
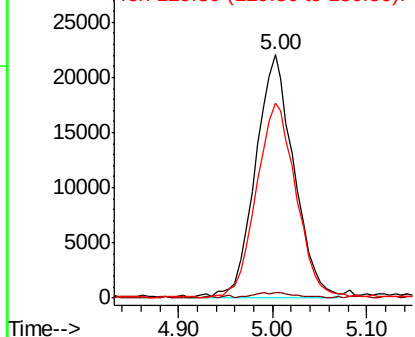
#28

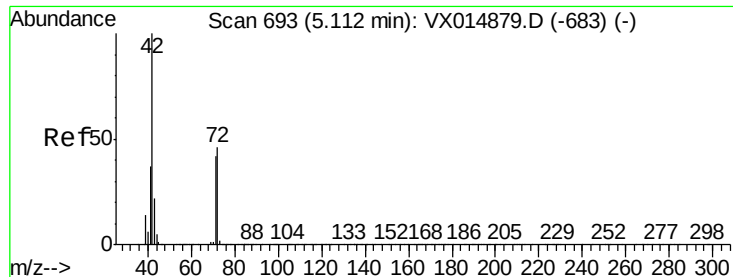
Bromochloromethane
Concen: 20.577 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX014886.D
Acq: 10 Feb 2020 14:31

Tgt Ion: 49 Resp: 63199
Ion Ratio Lower Upper
49 100
129 2.6 0.0 5.2
130 82.0 67.4 101.2



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

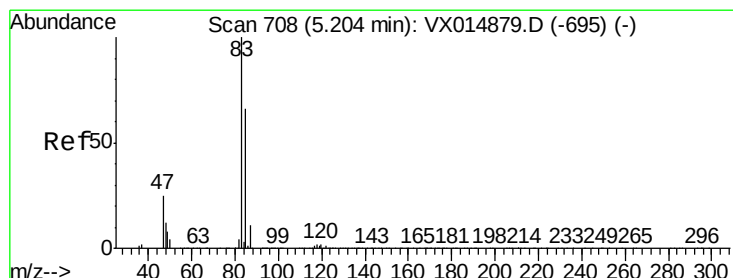
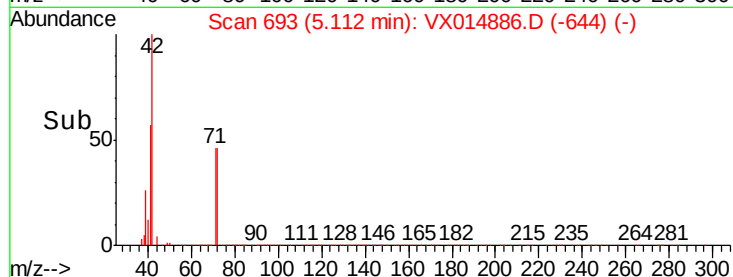
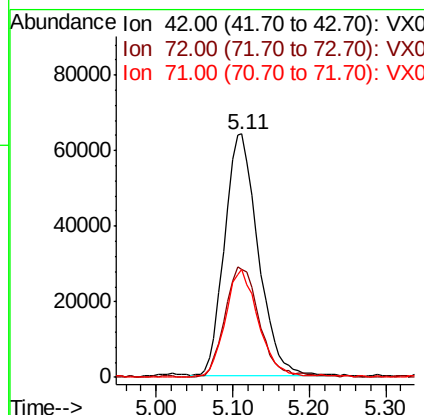
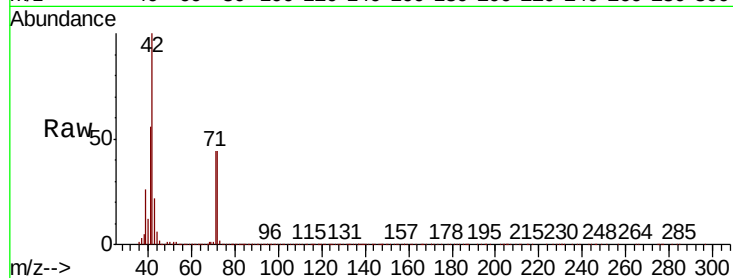




#29
Tetrahydrofuran
Concen: 98.584 ug/l
RT: 5.11 min Scan# 693
Delta R.T. 0.00 min
Lab File: VX014886.D
Acq: 10 Feb 2020 14:31

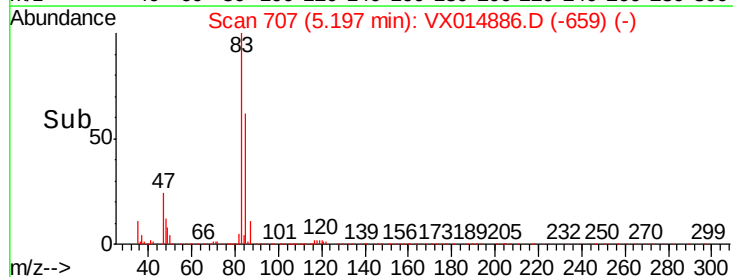
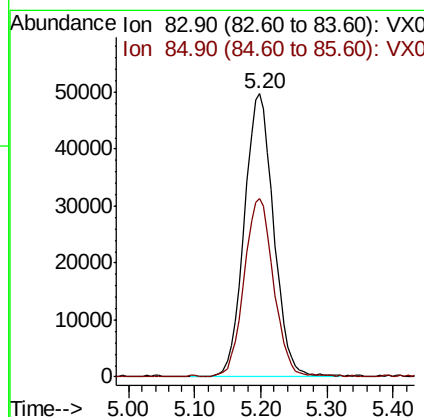
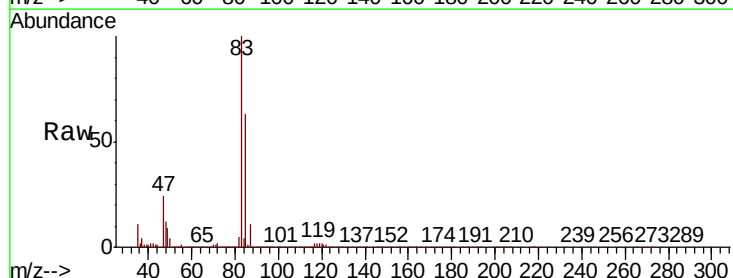
Instrument :
MSVOA_X
ClientSampleId :
VX0210MBS01

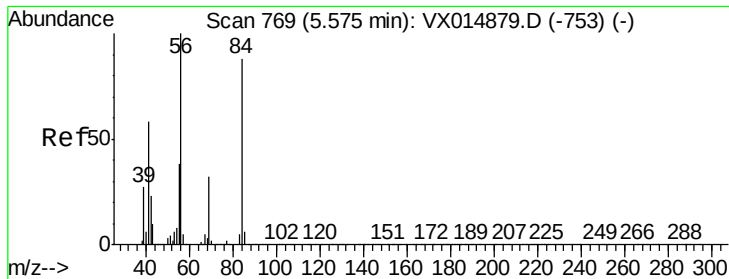
Tot Ion:	42	Resp:	194772
Ion	Ratio	Lower	Upper
42	100		
72	47.9	36.9	55.3
71	43.5	34.1	51.1



#30
Chloroform
Concen: 19.300 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.01 min
Lab File: VX014886.D
Acq: 10 Feb 2020 14:31

Tgt Ion:	83	Resp:	151731
Ion	Ratio	Lower	Upper
83	100		
85	62.9	52.9	79.3

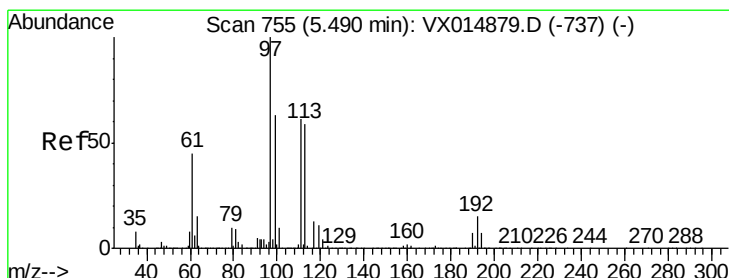
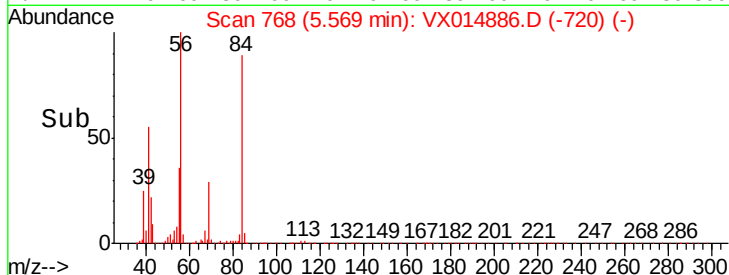
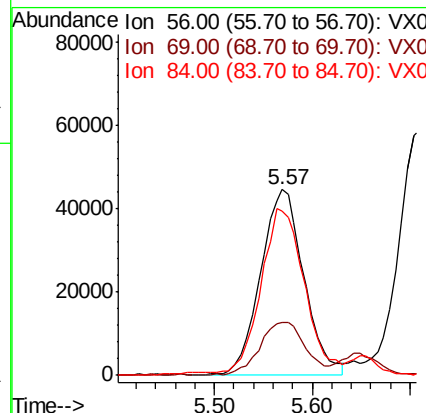
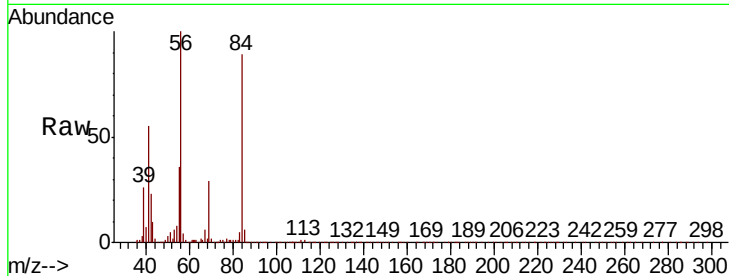




#31
Cyclohexane
Concen: 18.922 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.01 min
Lab File: VX014886.D
Acq: 10 Feb 2020 14:31

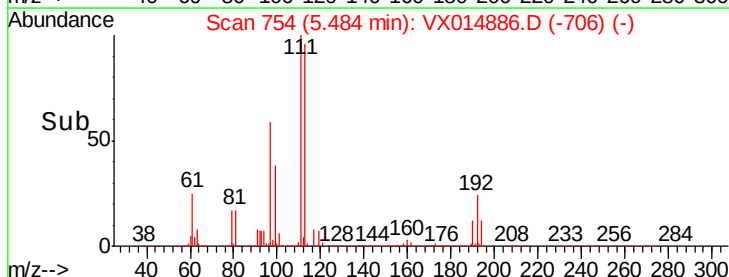
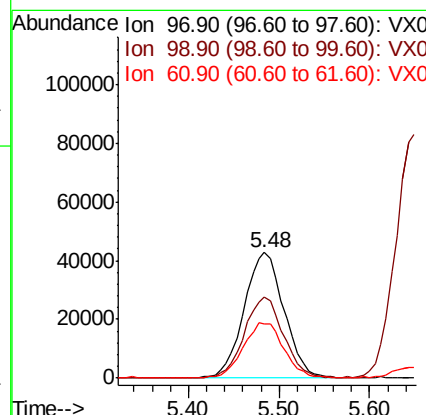
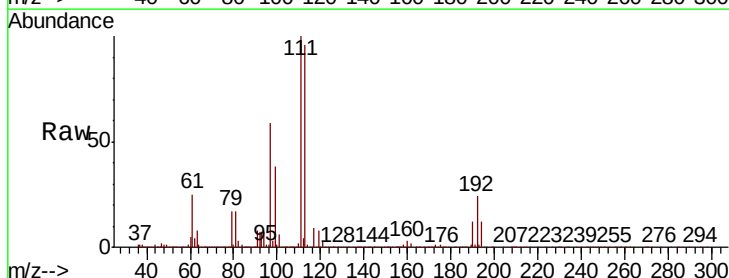
Instrument :
MSVOA_X
ClientSampleId :
VX0210MBS01

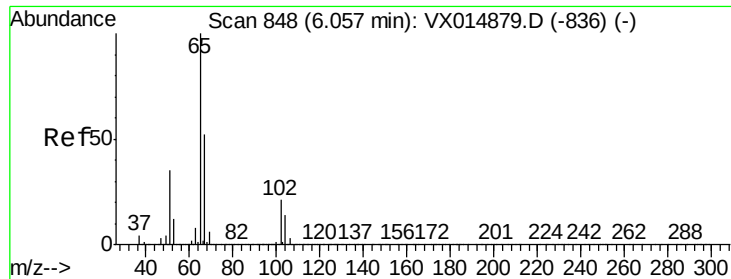
Tot Ion: 56 Resp: 136559
Ion Ratio Lower Upper
56 100
69 28.6 25.9 38.9
84 87.6 70.4 105.6



#32
1,1,1-Trichloroethane
Concen: 18.864 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX014886.D
Acq: 10 Feb 2020 14:31

Tgt Ion: 97 Resp: 129727
Ion Ratio Lower Upper
97 100
99 63.9 51.0 76.6
61 43.9 36.3 54.5

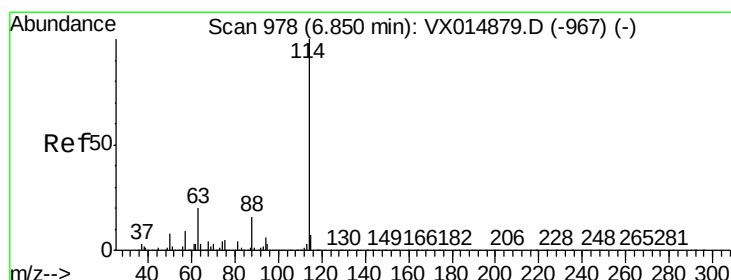
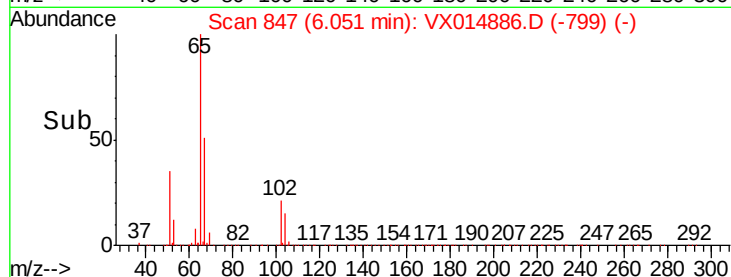
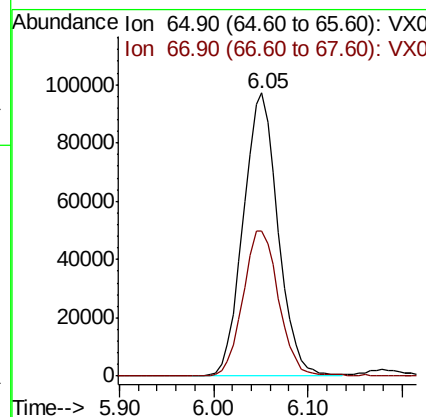
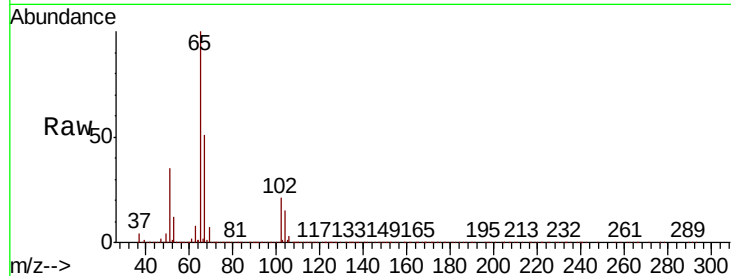




#33
 1,2-Dichloroethane-d4
 Concen: 48.723 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.01 min
 Lab File: VX014886.D
 Acq: 10 Feb 2020 14:31

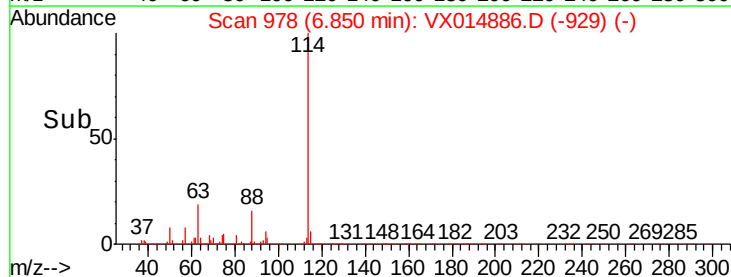
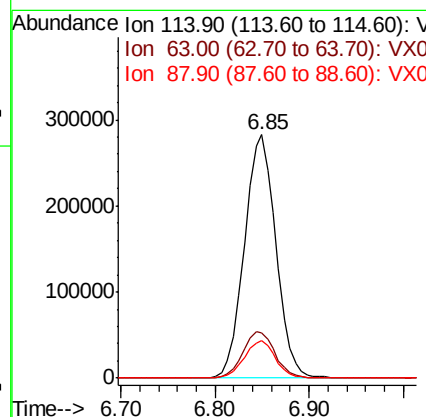
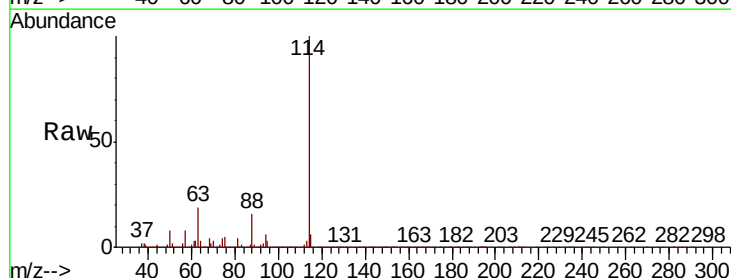
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0210MBS01

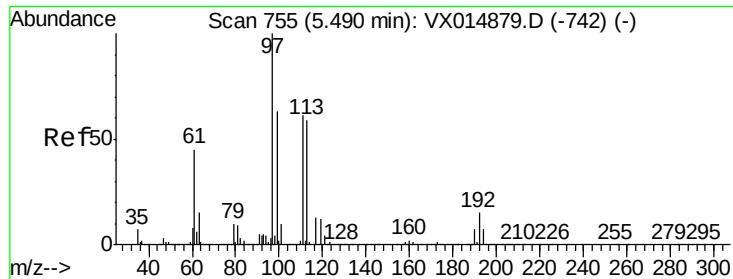
Tot Ion: 65 Resp: 248735
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX014886.D
 Acq: 10 Feb 2020 14:31

Tgt Ion: 114 Resp: 661693
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 39.2
 88 15.5 0.0 32.0

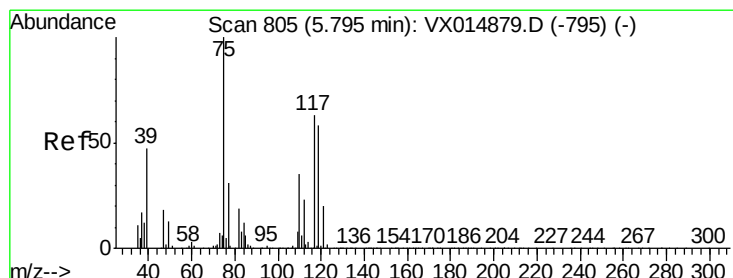
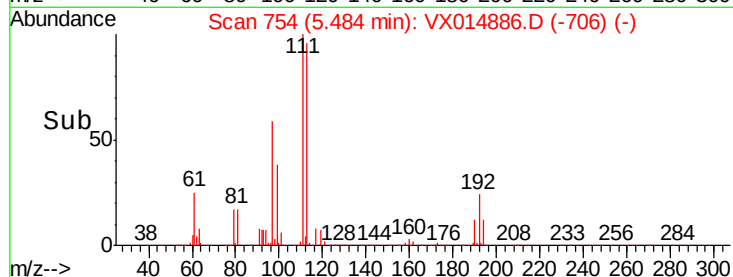
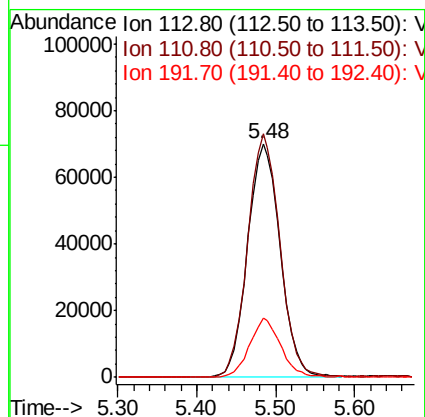
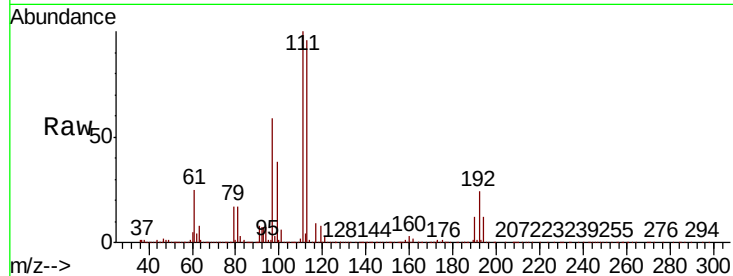




#35
 Dibromofluoromethane
 Concen: 49.375 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: VX014886.D
 Acq: 10 Feb 2020 14:31

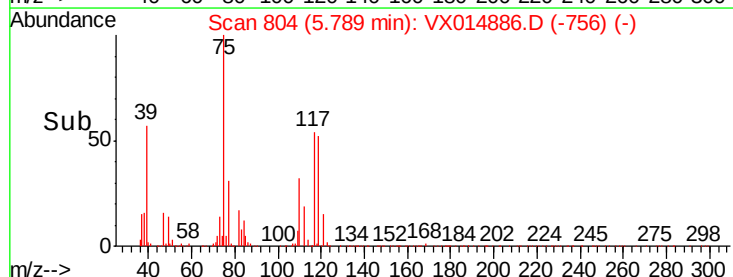
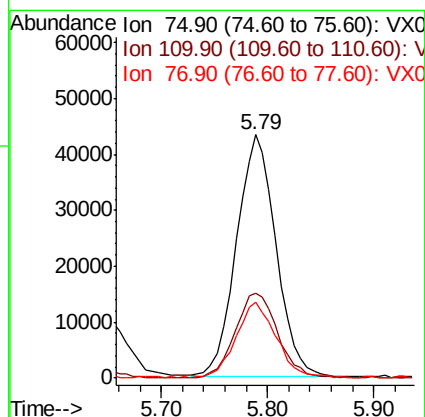
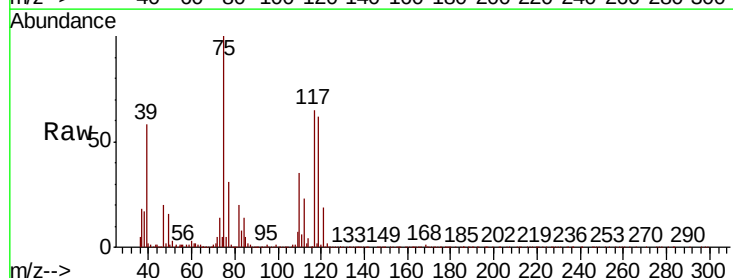
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0210MBS01

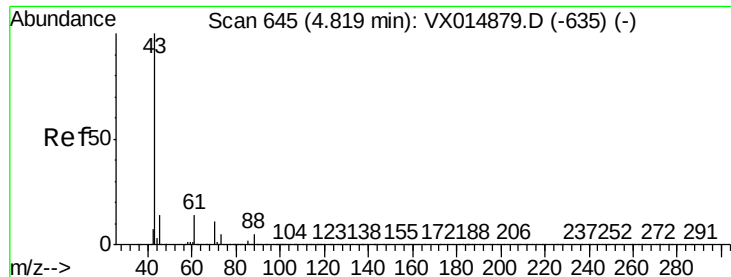
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.6	82.4	123.6
192	24.1	19.1	28.7



#36
 1,1-Dichloropropene
 Concen: 19.031 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: VX014886.D
 Acq: 10 Feb 2020 14:31

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.5	18.3	54.8
77	31.3	24.6	36.8

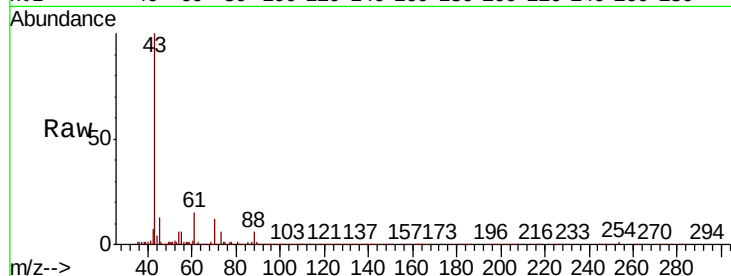




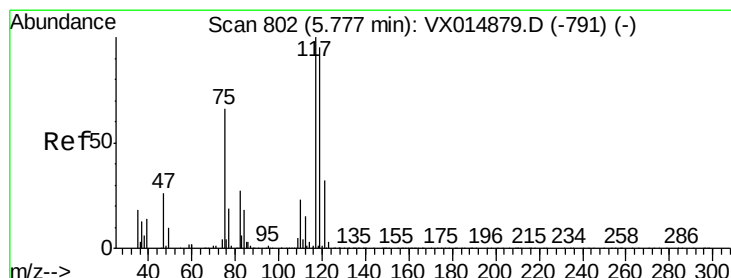
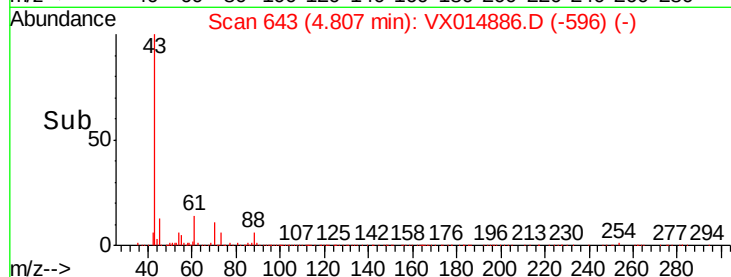
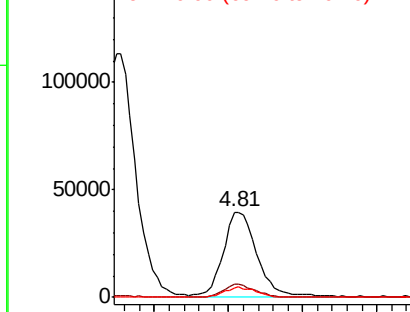
#37
Ethyl Acetate
Concen: 19.877 ug/l
RT: 4.81 min Scan# 643
Delta R.T. -0.01 min
Lab File: VX014886.D
Acq: 10 Feb 2020 14:31

Instrument :
MSVOA_X
ClientSampleId :
VX0210MBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.8	10.9	16.3
70	10.7	8.7	13.1

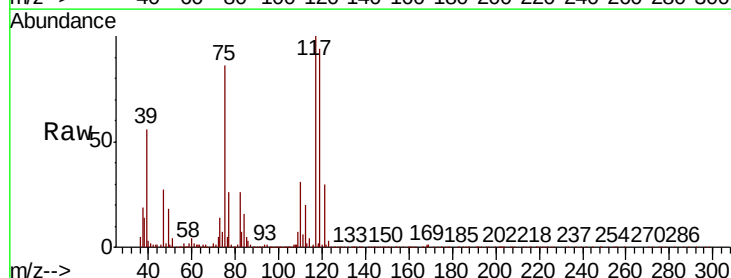


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

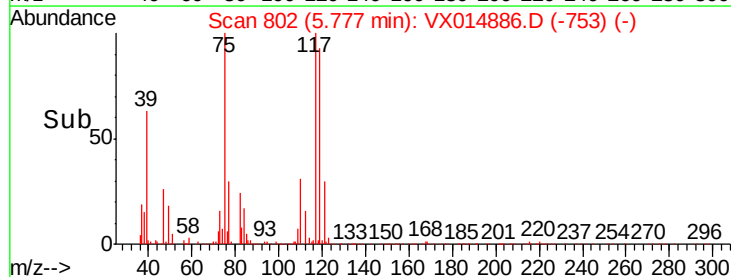
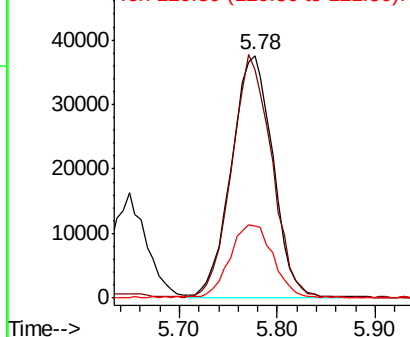


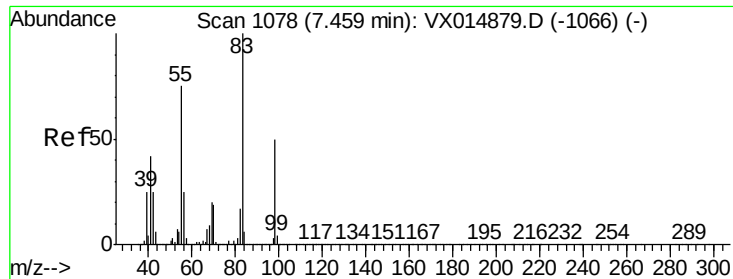
#38
Carbon Tetrachloride
Concen: 19.122 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX014886.D
Acq: 10 Feb 2020 14:31

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.7	76.0	114.0
121	29.3	25.4	38.2



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

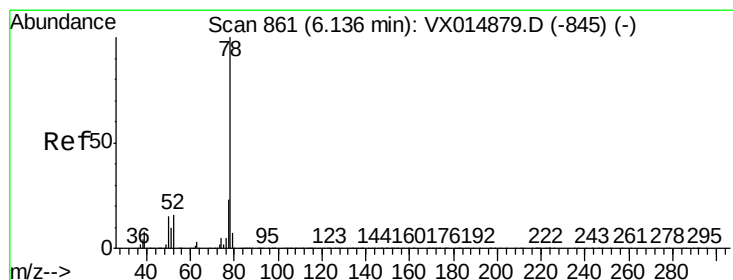
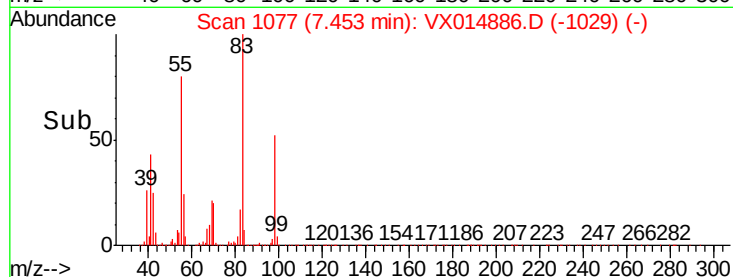
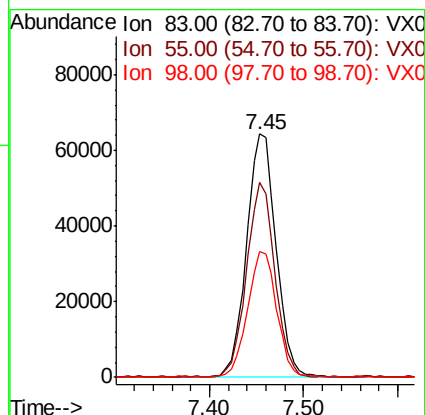
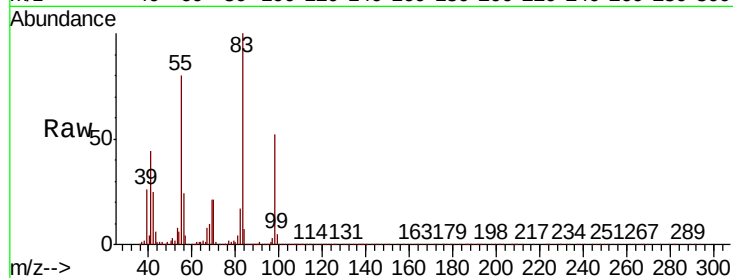




#39
Methylvlcyclohexane
Concen: 19.134 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX014886.D
Acq: 10 Feb 2020 14:31

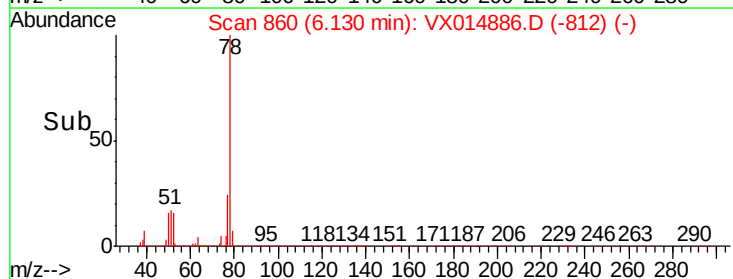
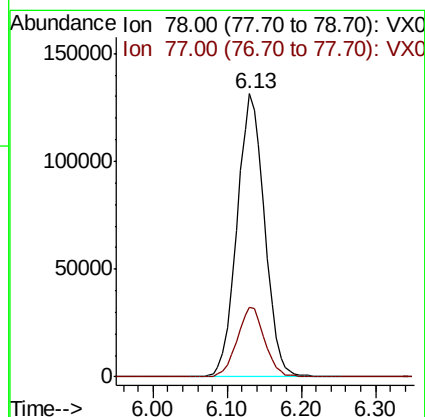
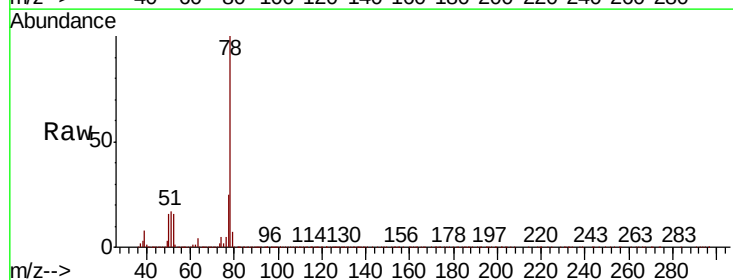
Instrument :
MSVOA_X
ClientSampleId :
VX0210MBS01

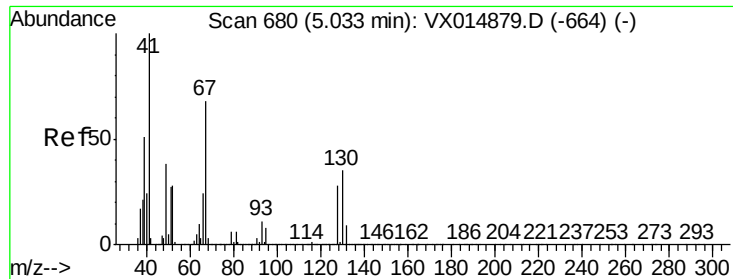
Tot Ion	83	Resp	141638
Ion	Ratio	Lower	Upper
83	100		
55	80.2	60.0	90.0
98	51.9	39.6	59.4



#40
Benzene
Concen: 19.178 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX014886.D
Acq: 10 Feb 2020 14:31

Tgt Ion	78	Resp	339164
Ion	Ratio	Lower	Upper
78	100		
77	24.4	18.8	28.2

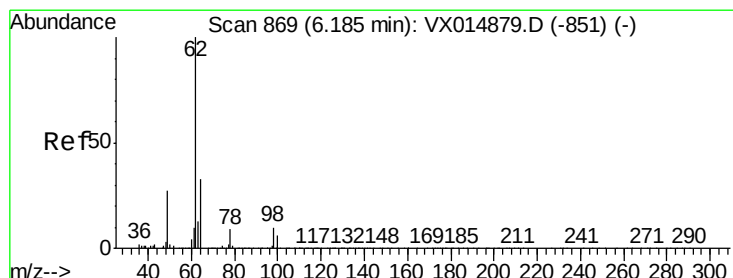
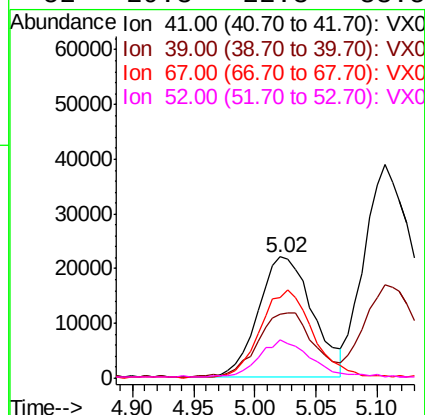
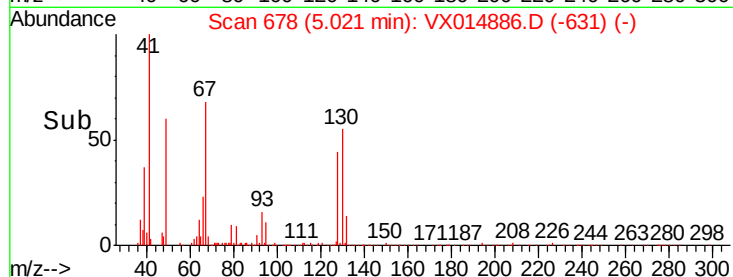
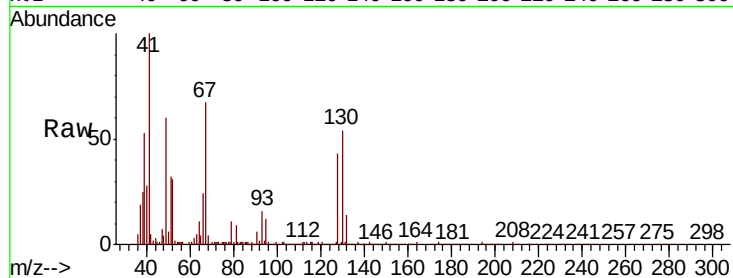




#41
Methacrylonitrile
Concen: 20.425 ug/l
RT: 5.02 min Scan# 678
Delta R.T. -0.01 min
Lab File: VX014886.D
Acq: 10 Feb 2020 14:31

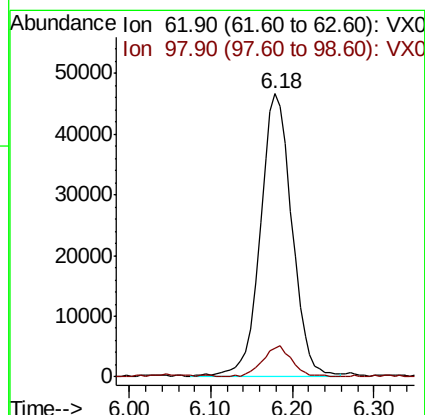
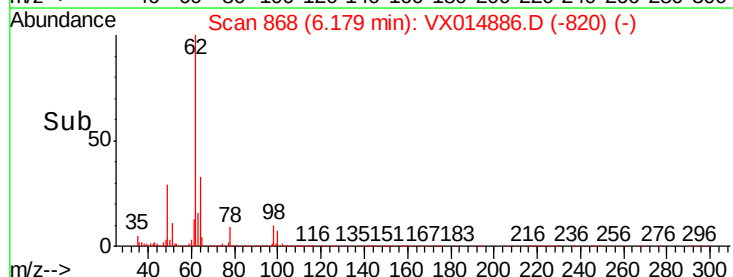
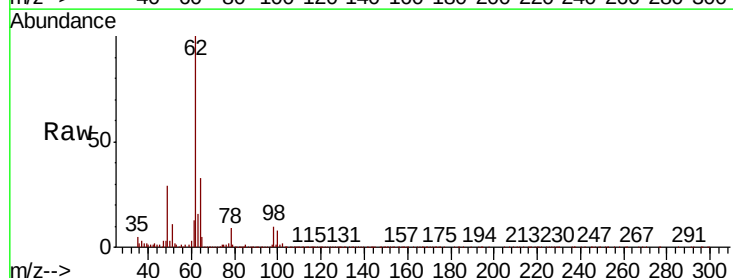
Instrument :
MSVOA_X
ClientSampleId :
VX0210MBS01

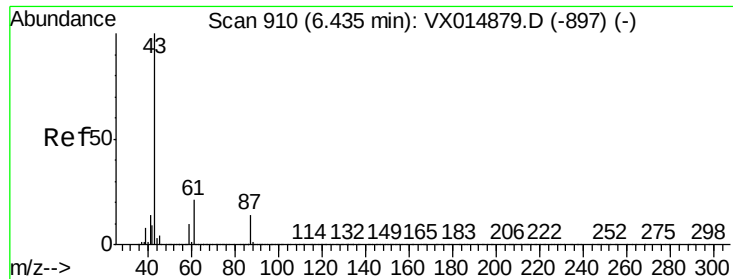
Tot Ion:	41	Resp:	67928
Ion	Ratio	Lower	Upper
41	100		
39	53.8	44.7	67.1
67	70.8	56.6	84.8
52	29.3	22.3	33.5



#42
1,2-Dichloroethane
Concen: 19.779 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX014886.D
Acq: 10 Feb 2020 14:31

Tgt Ion:	62	Resp:	126426
Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	19.2





#43

Isopropyl Acetate

Concen: 19.841 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX014886.D

Acq: 10 Feb 2020 14:31

Instrument :

MSVOA_X

ClientSampleId :

VX0210MBS01

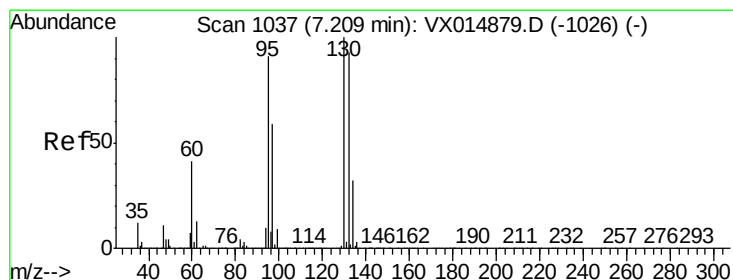
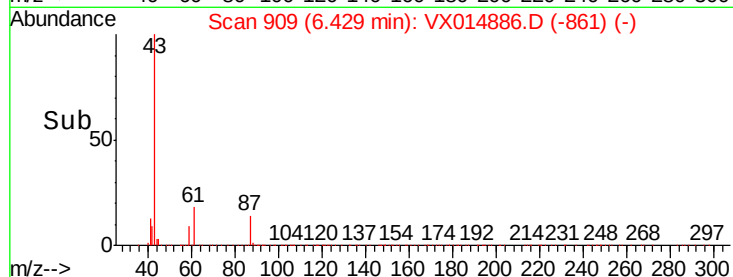
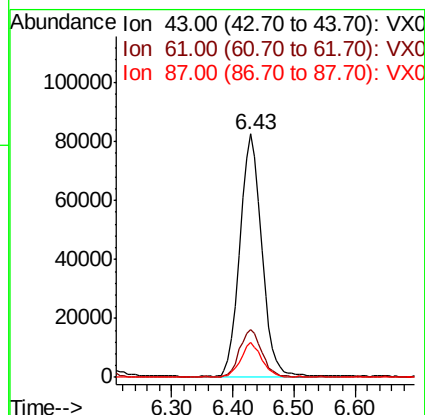
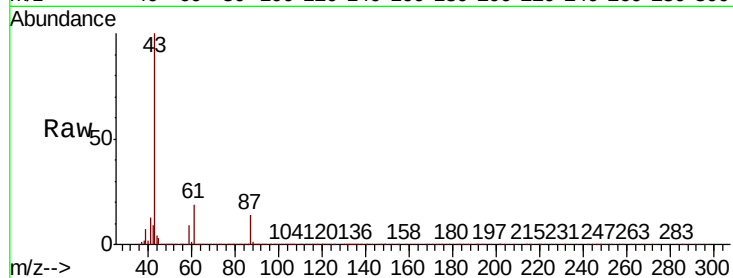
Tot Ion: 43 Resp: 202058

Ion Ratio Lower Upper

43 100

61 19.5 16.2 24.4

87 13.7 11.0 16.6



#44

Trichloroethene

Concen: 19.311 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VX014886.D

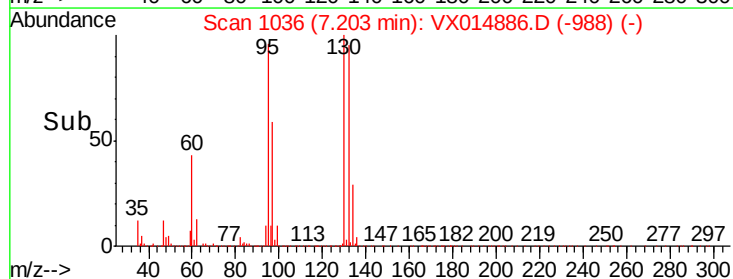
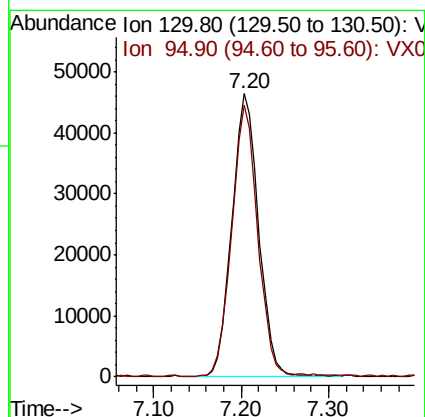
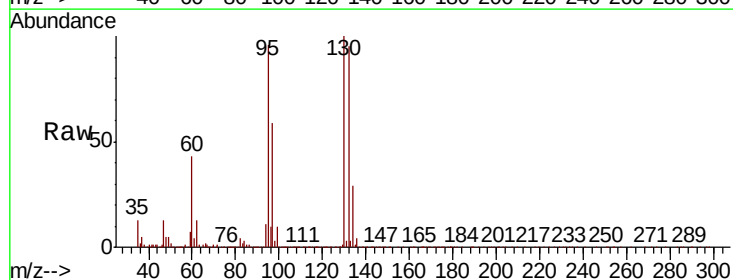
Acq: 10 Feb 2020 14:31

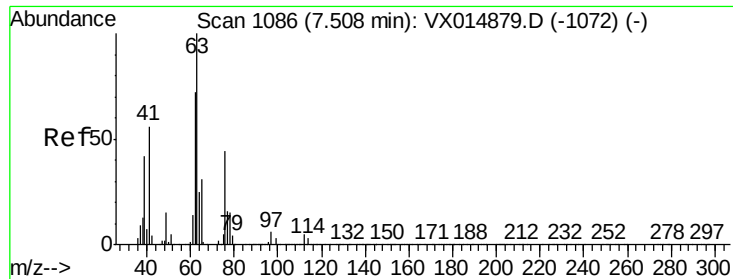
Tgt Ion: 130 Resp: 99144

Ion Ratio Lower Upper

130 100

95 95.8 0.0 182.6

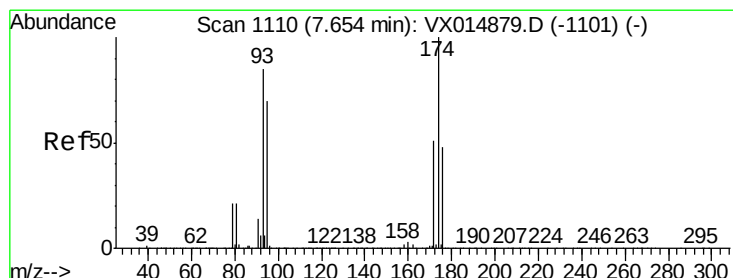
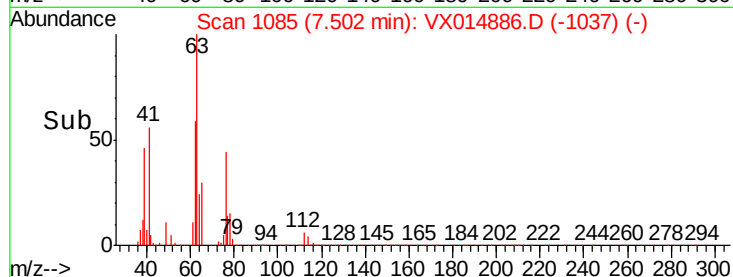
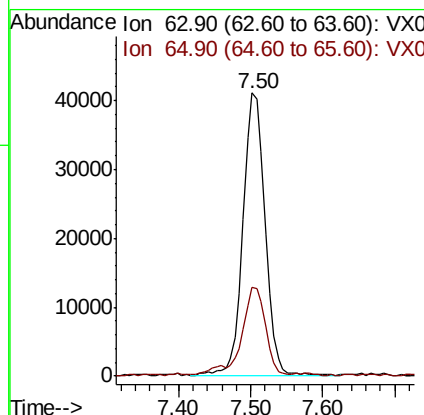
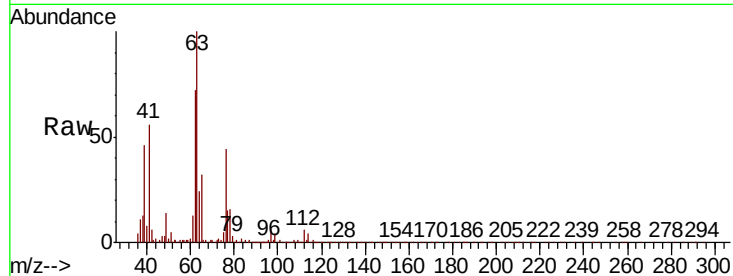




#45
 1,2-Dichloropropane
 Concen: 19.233 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX014886.D
 Acq: 10 Feb 2020 14:31

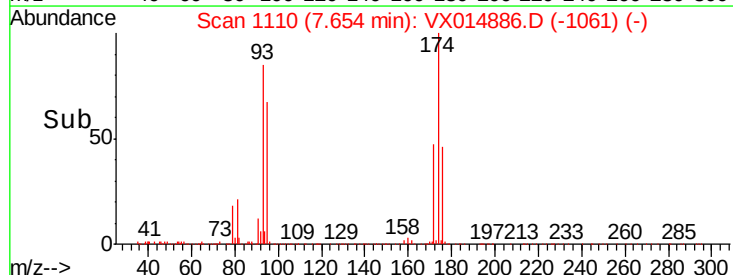
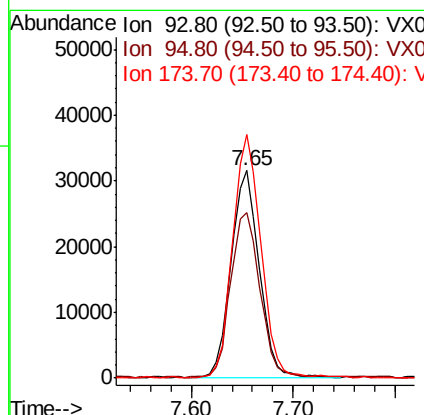
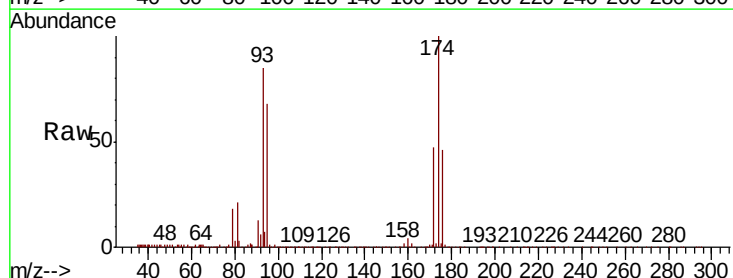
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0210MBS01

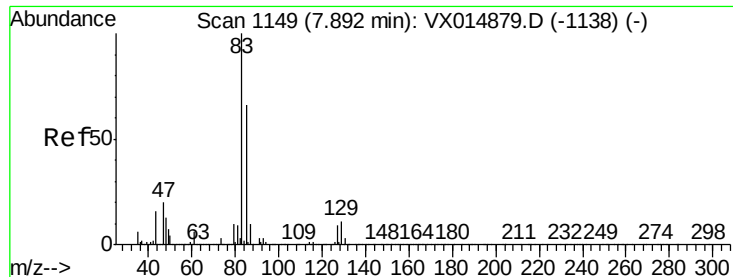
Tot Ion: 63 Resp: 86747
 Ion Ratio Lower Upper
 63 100
 65 31.4 24.9 37.3



#46
 Dibromomethane
 Concen: 19.394 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX014886.D
 Acq: 10 Feb 2020 14:31

Tgt Ion: 93 Resp: 59792
 Ion Ratio Lower Upper
 93 100
 95 83.2 65.8 98.8
 174 119.0 95.4 143.2

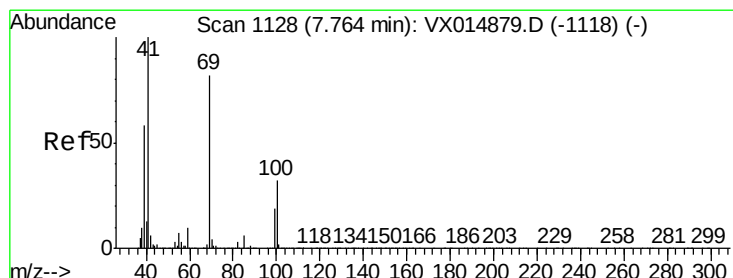
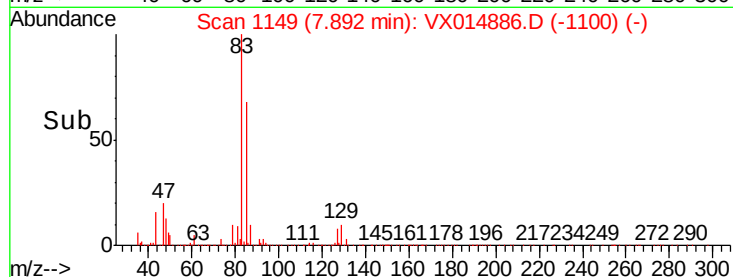
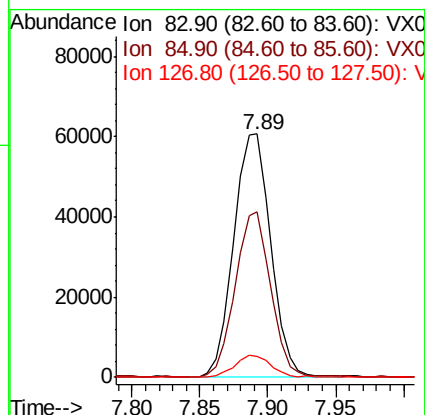
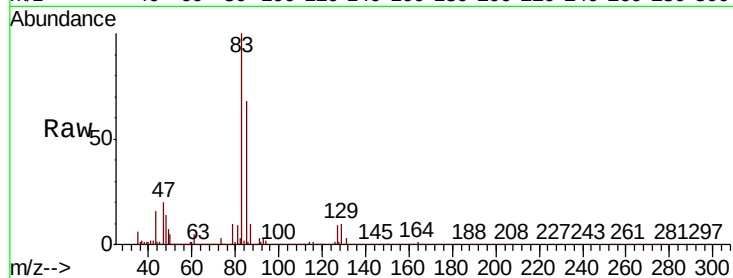




#47
Bromodichloromethane
Concen: 18.788 ug/l
RT: 7.89 min Scan# 1149
Delta R.T. 0.00 min
Lab File: VX014886.D
Acq: 10 Feb 2020 14:31

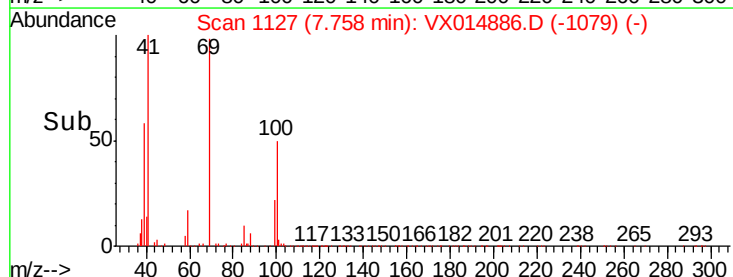
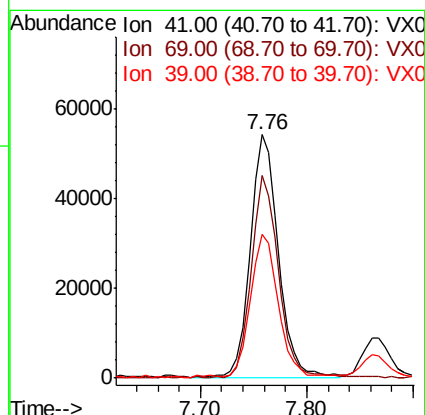
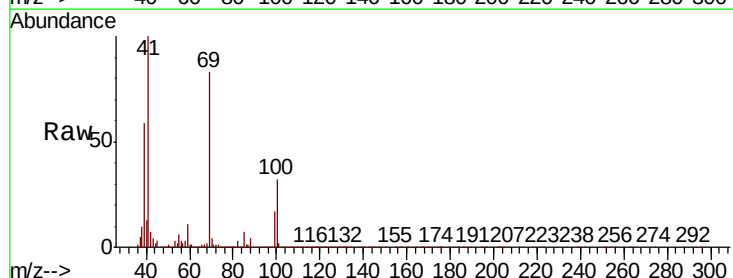
Instrument :
MSVOA_X
ClientSampleId :
VX0210MBS01

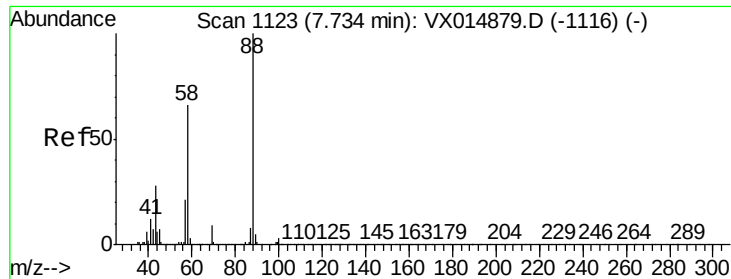
Tot Ion: 83 Resp: 114847
Ion Ratio Lower Upper
83 100
85 67.8 52.5 78.7
127 8.4 7.4 11.0



#48
Methyl methacrylate
Concen: 19.890 ug/l
RT: 7.76 min Scan# 1127
Delta R.T. -0.01 min
Lab File: VX014886.D
Acq: 10 Feb 2020 14:31

Tgt Ion: 41 Resp: 99688
Ion Ratio Lower Upper
41 100
69 80.6 65.7 98.5
39 57.5 45.8 68.8

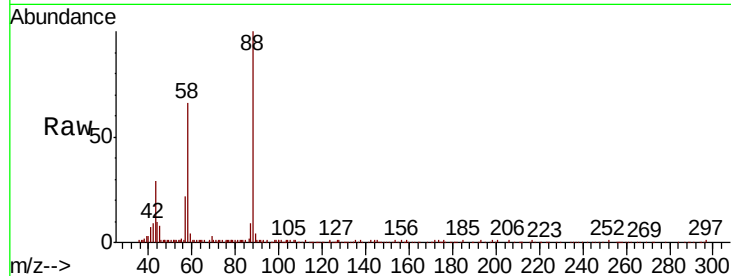




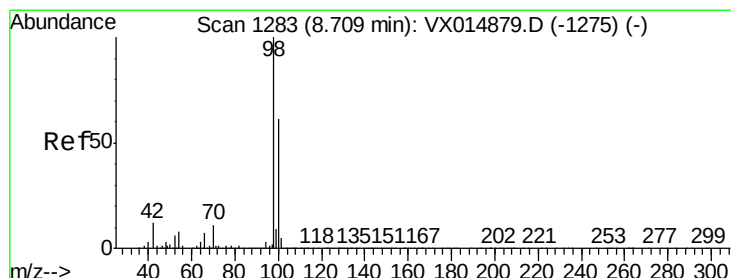
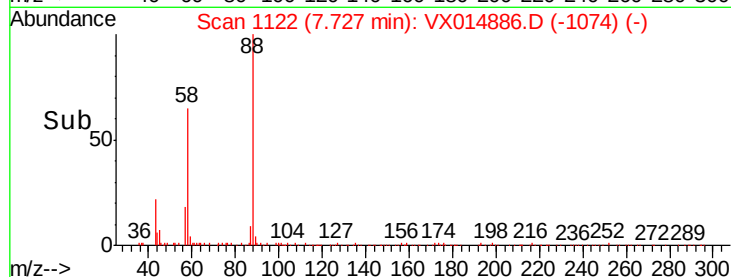
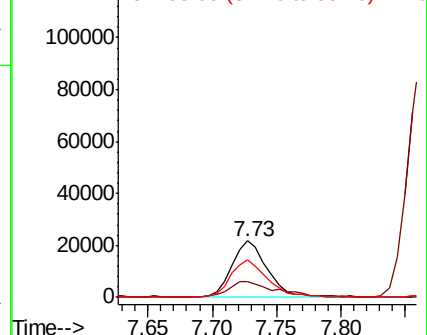
#49
1,4-Dioxane
Concen: 441.711 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.01 min
Lab File: VX014886.D
Acq: 10 Feb 2020 14:31

Instrument :
MSVOA_X
ClientSampleId :
VX0210MBS01

Tot Ion: 88 Resp: 41391
Ion Ratio Lower Upper
88 100
43 34.7 27.0 40.4
58 66.4 53.2 79.8

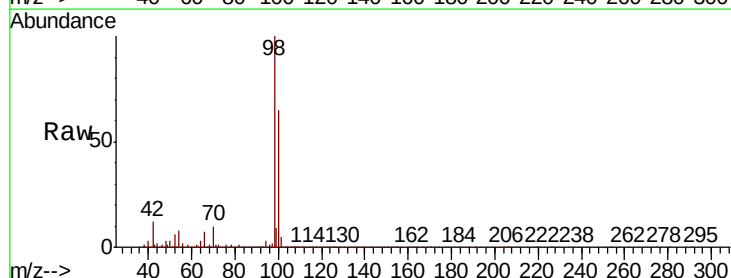


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

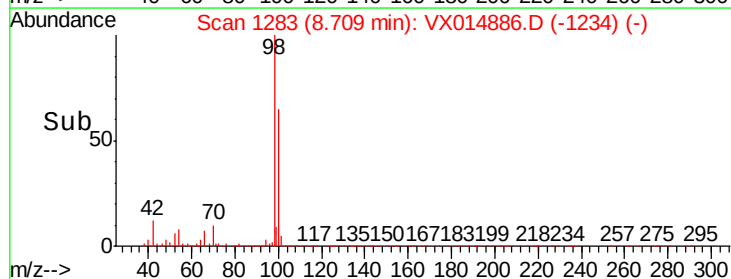
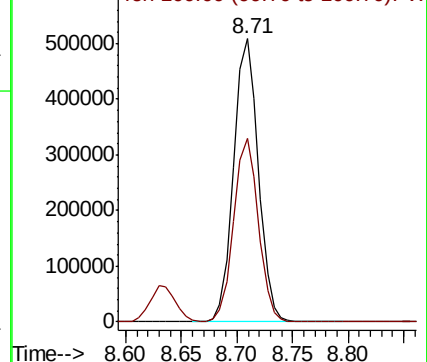


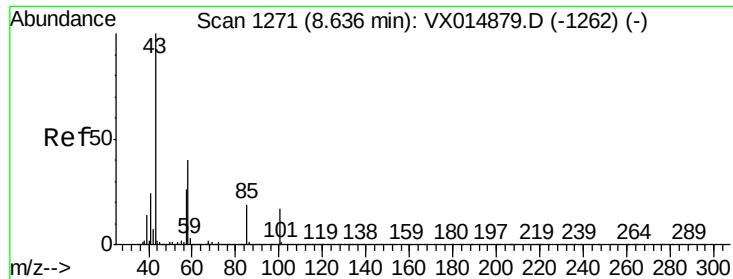
#50
Toluene-d8
Concen: 50.311 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014886.D
Acq: 10 Feb 2020 14:31

Tgt Ion: 98 Resp: 781212
Ion Ratio Lower Upper
98 100
100 64.8 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 99.842 ug/l

RT: 8.63 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VX014886.D

Acq: 10 Feb 2020 14:31

Instrument :

MSVOA_X

ClientSampleId :

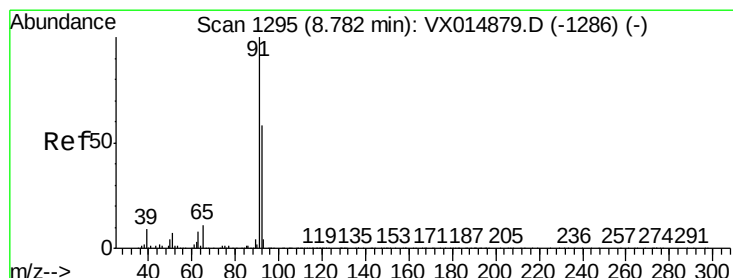
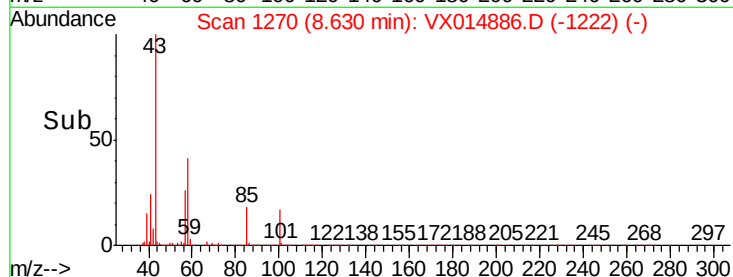
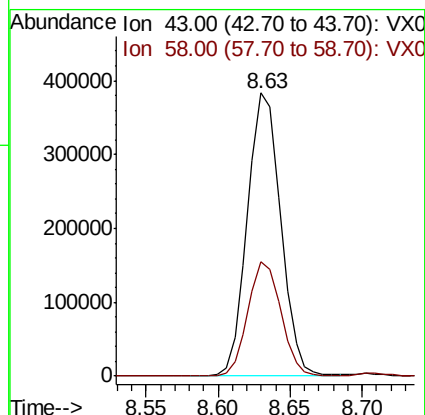
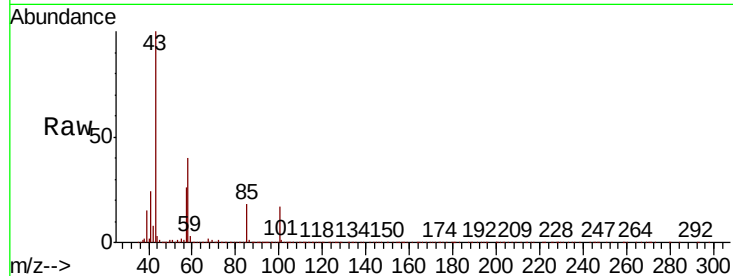
VX0210MBS01

Tot Ion: 43 Resp: 613955

Ion Ratio Lower Upper

43 100

58 39.9 31.9 47.9



#52

Toluene

Concen: 19.104 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX014886.D

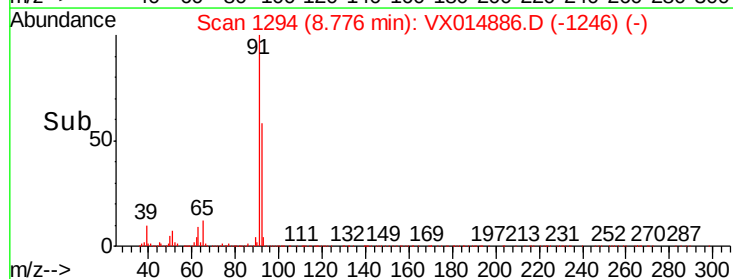
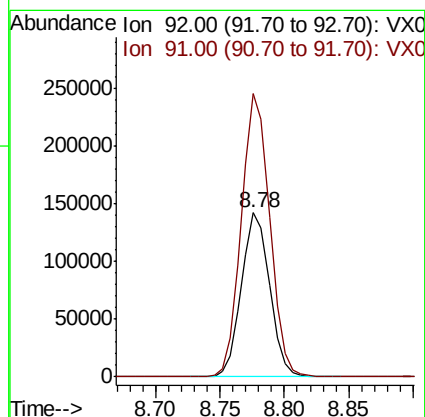
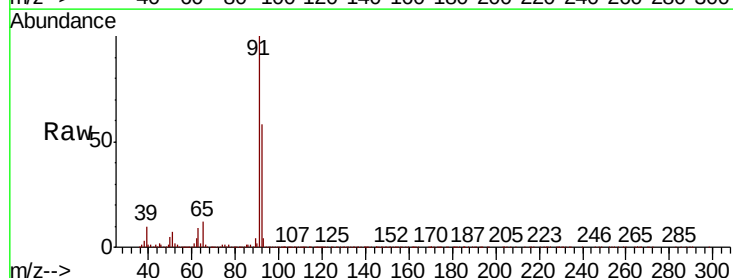
Acq: 10 Feb 2020 14:31

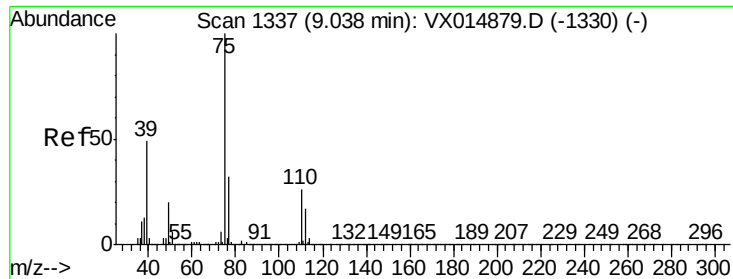
Tgt Ion: 92 Resp: 214582

Ion Ratio Lower Upper

92 100

91 175.0 137.0 205.4





#53

t-1,3-Dichloropropene

Concen: 19.153 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. -0.01 min

Lab File: VX014886.D

Acq: 10 Feb 2020 14:31

Instrument :

MSVOA_X

ClientSampleId :

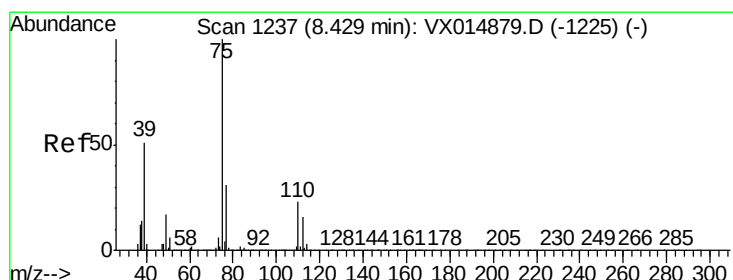
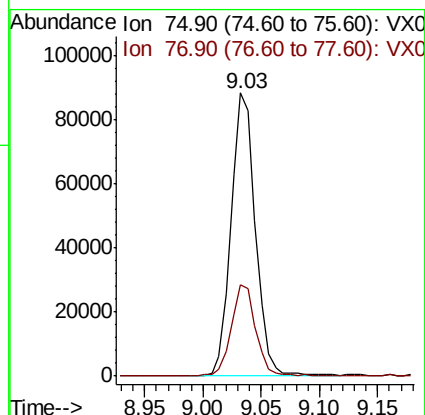
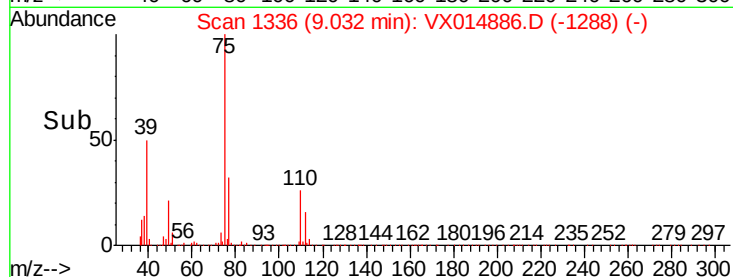
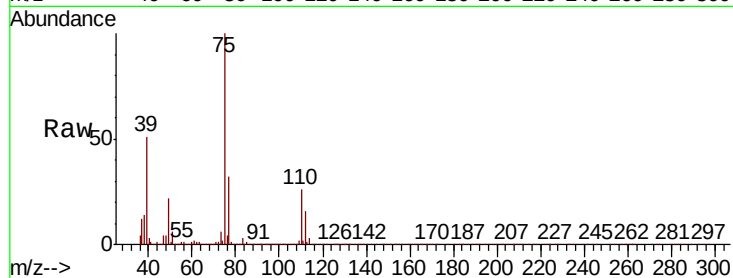
VX0210MBS01

Tot Ion: 75 Resp: 128314

Ion Ratio Lower Upper

75 100

77 32.0 25.5 38.3



#54

cis-1,3-Dichloropropene

Concen: 19.234 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX014886.D

Acq: 10 Feb 2020 14:31

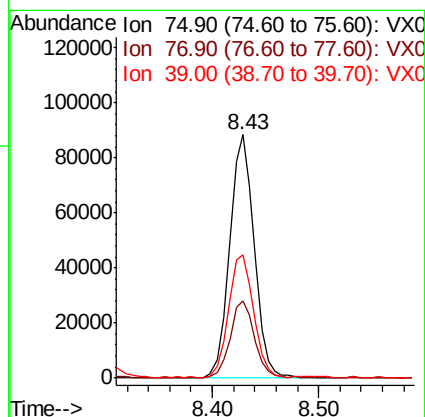
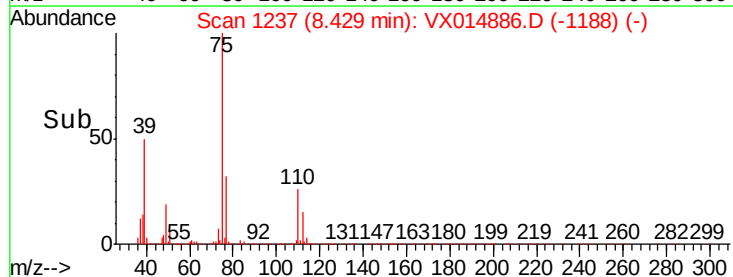
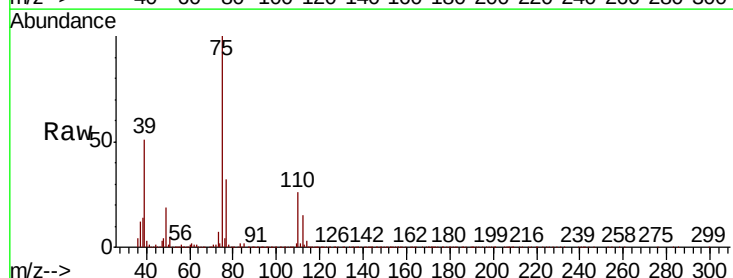
Tgt Ion: 75 Resp: 142345

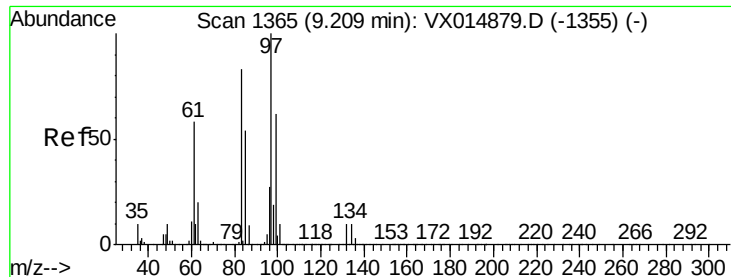
Ion Ratio Lower Upper

75 100

77 31.7 24.6 37.0

39 50.2 40.9 61.3

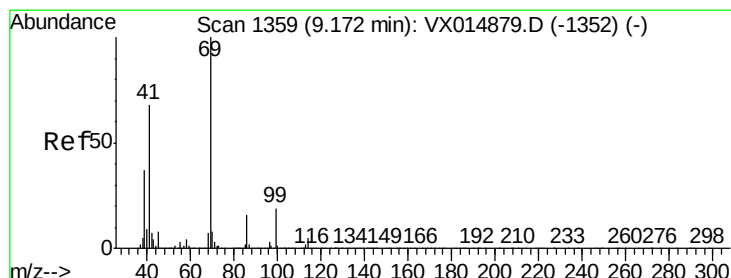
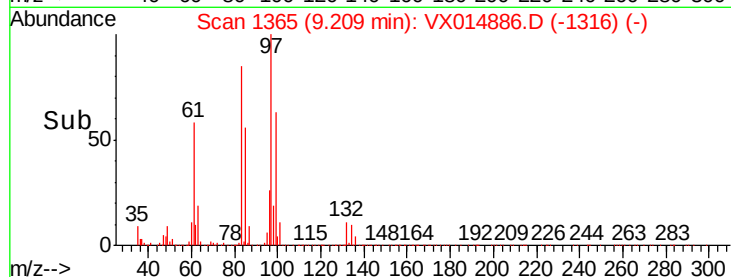
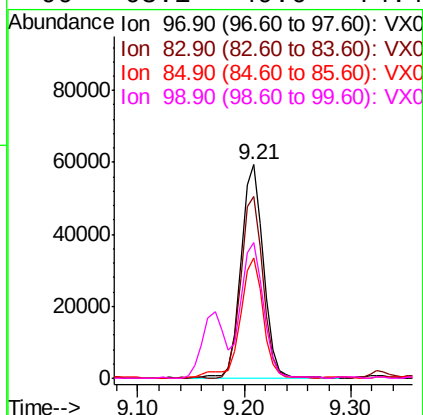
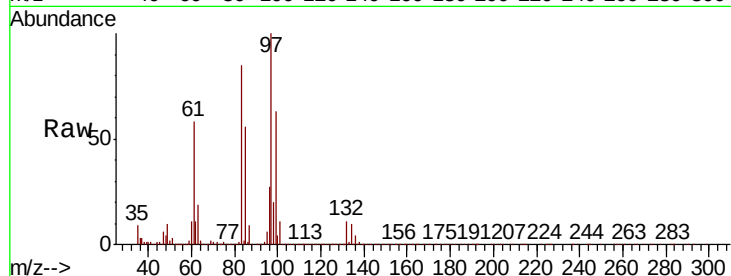




#55
 1,1,2-Trichloroethane
 Concen: 19.138 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014886.D
 Acq: 10 Feb 2020 14:31

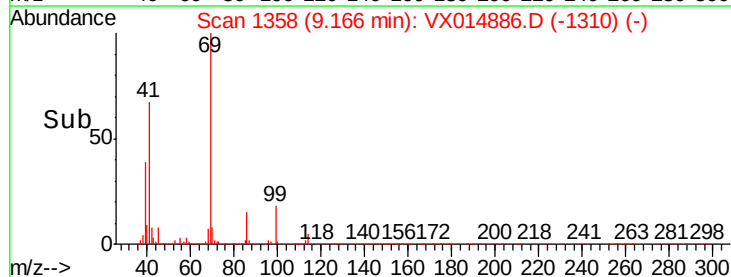
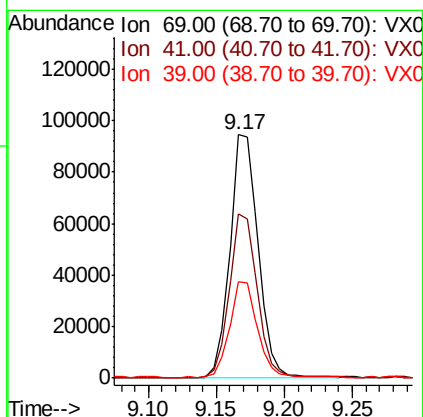
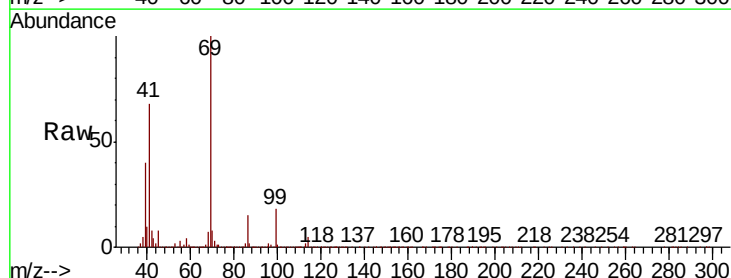
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0210MBS01

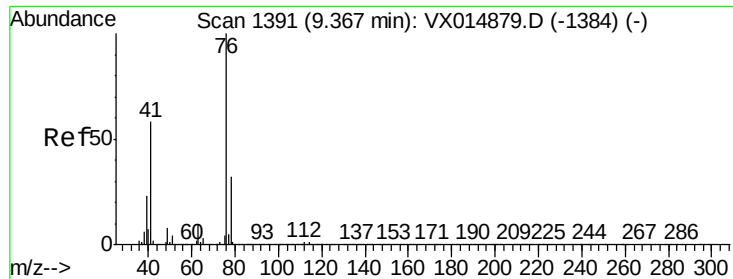
Tot Ion:	97	Resp:	86974
Ion	Ratio	Lower	Upper
97	100		
83	85.0	66.6	99.8
85	55.9	43.5	65.3
99	63.1	49.6	74.4



#56
 Ethyl methacrylate
 Concen: 19.840 ug/l
 RT: 9.17 min Scan# 1358
 Delta R.T. -0.01 min
 Lab File: VX014886.D
 Acq: 10 Feb 2020 14:31

Tgt Ion:	69	Resp:	135518
Ion	Ratio	Lower	Upper
69	100		
41	67.9	54.8	82.2
39	39.0	29.9	44.9

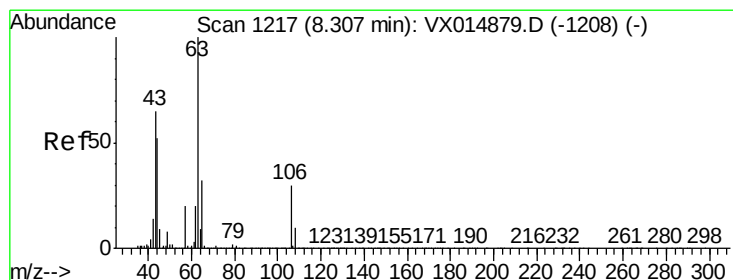
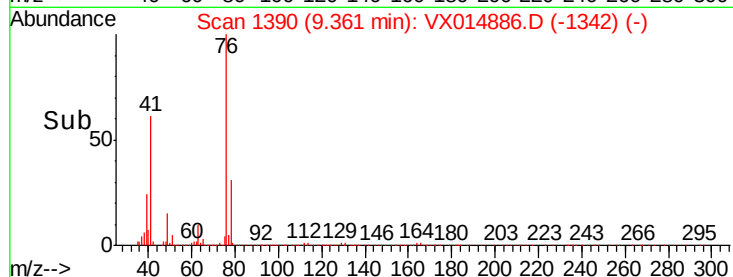
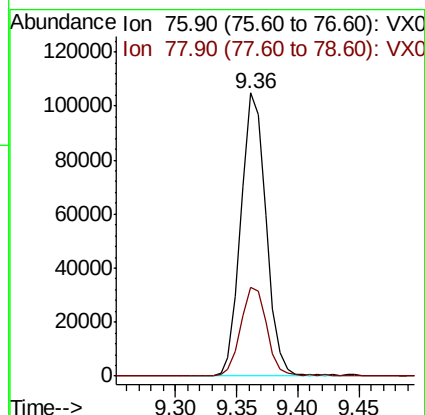
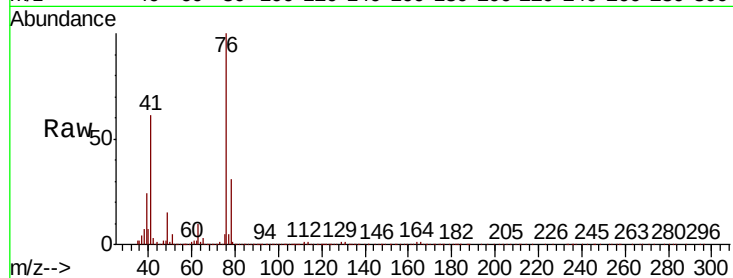




#57
 1,3-Dichloropropane
 Concen: 19.412 ug/l
 RT: 9.36 min Scan# 1390
 Delta R.T. -0.01 min
 Lab File: VX014886.D
 Acq: 10 Feb 2020 14:31

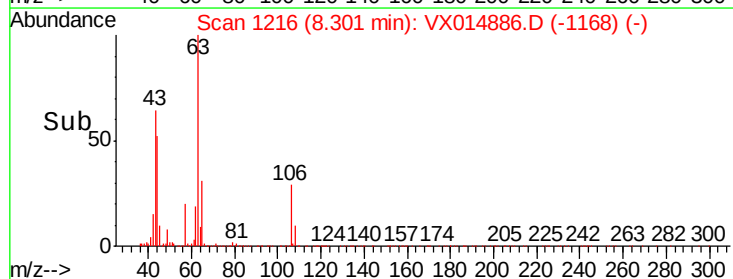
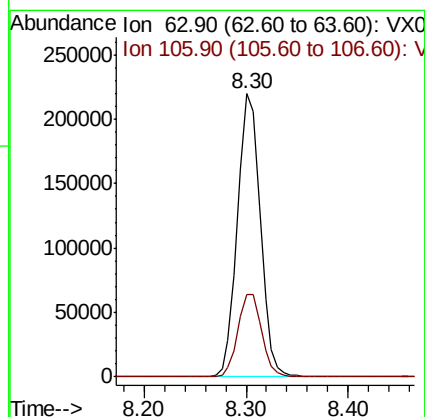
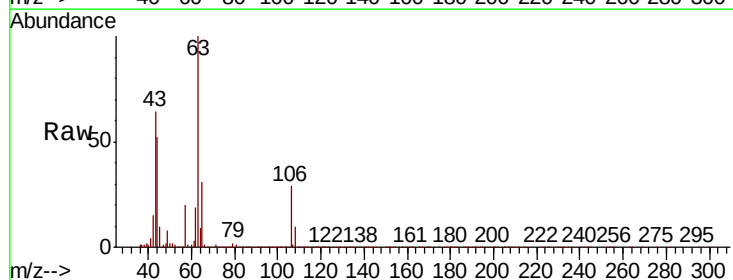
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0210MBS01

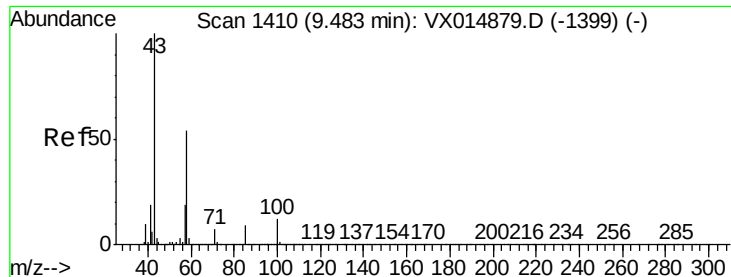
Tot Ion: 76 Resp: 148501
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 95.110 ug/l
 RT: 8.30 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: VX014886.D
 Acq: 10 Feb 2020 14:31

Tgt Ion: 63 Resp: 339765
 Ion Ratio Lower Upper
 63 100
 106 30.3 23.8 35.8

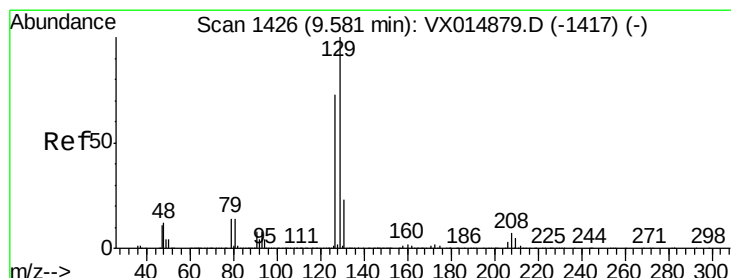
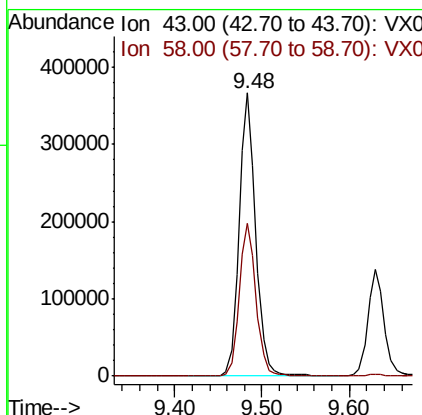
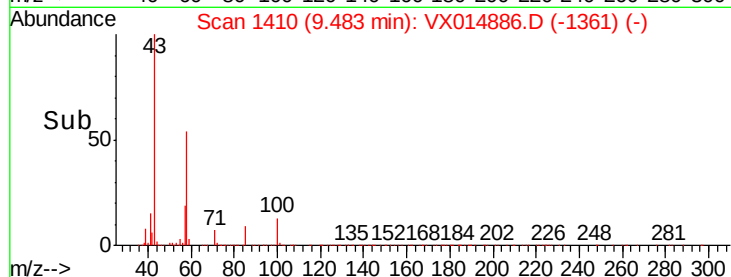
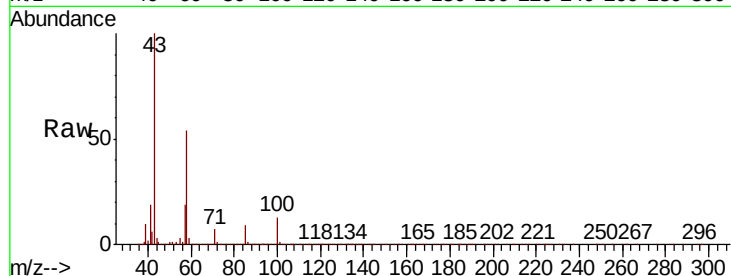




#59
2-Hexanone
Concen: 100.026 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX014886.D
Acq: 10 Feb 2020 14:31

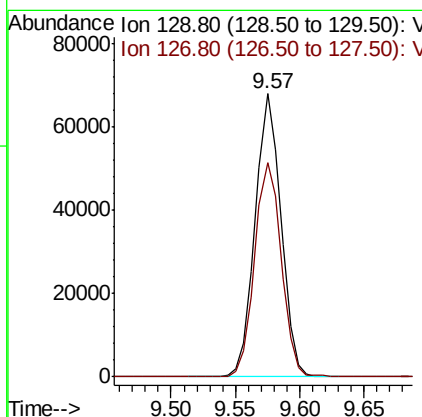
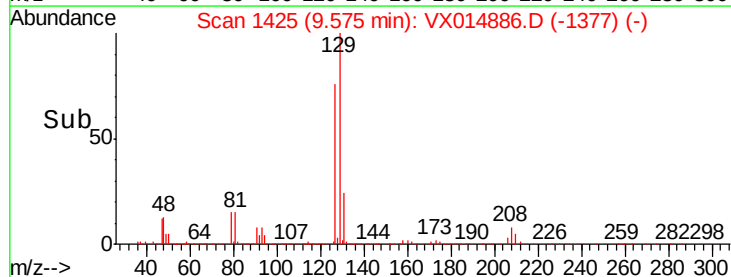
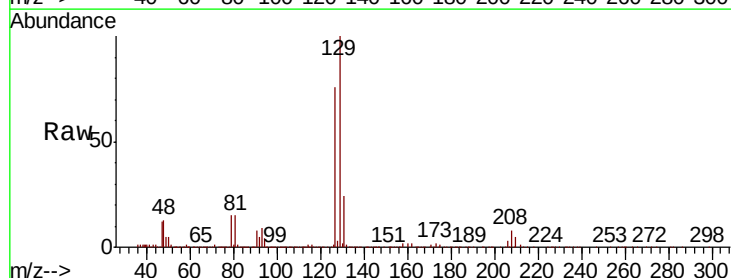
Instrument :
MSVOA_X
ClientSampleId :
VX0210MBS01

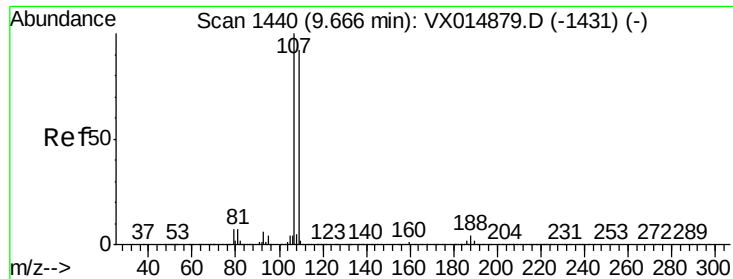
Tot Ion: 43 Resp: 483468
Ion Ratio Lower Upper
43 100
58 54.8 27.5 82.5



#60
Dibromochloromethane
Concen: 19.170 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014886.D
Acq: 10 Feb 2020 14:31

Tgt Ion: 129 Resp: 93753
Ion Ratio Lower Upper
129 100
127 78.4 37.8 113.3





#61

1,2-Dibromoethane

Concen: 19.223 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014886.D

Acq: 10 Feb 2020 14:31

Instrument :

MSVOA_X

ClientSampleId :

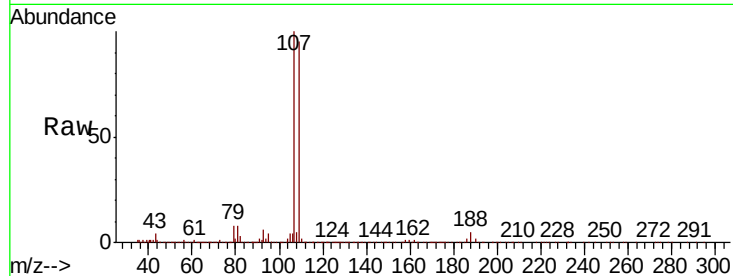
VX0210MBS01

Tot Ion:107 Resp: 94258

Ion Ratio Lower Upper

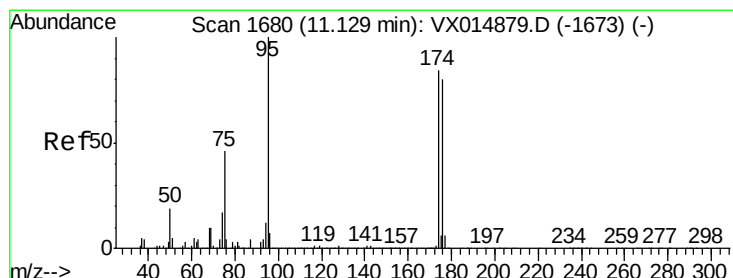
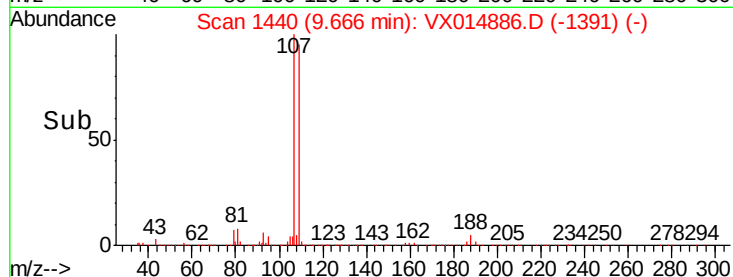
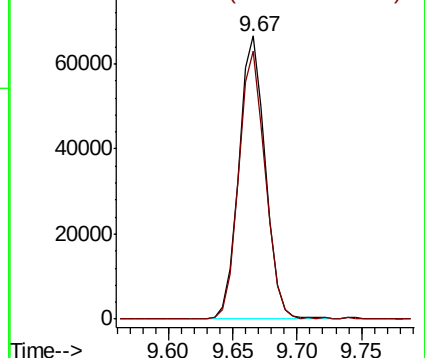
107 100

109 95.0 75.6 113.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.653 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX014886.D

Acq: 10 Feb 2020 14:31

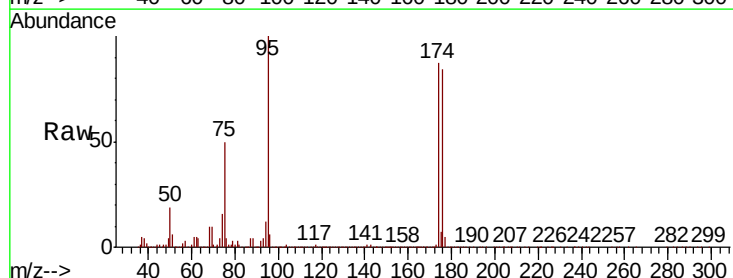
Tgt Ion: 95 Resp: 283327

Ion Ratio Lower Upper

95 100

174 91.4 0.0 183.0

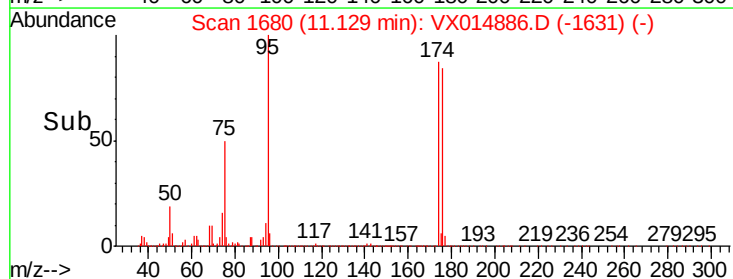
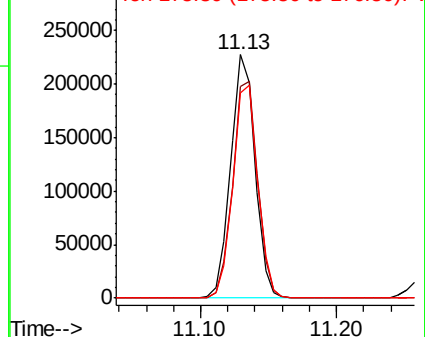
176 89.6 0.0 178.0

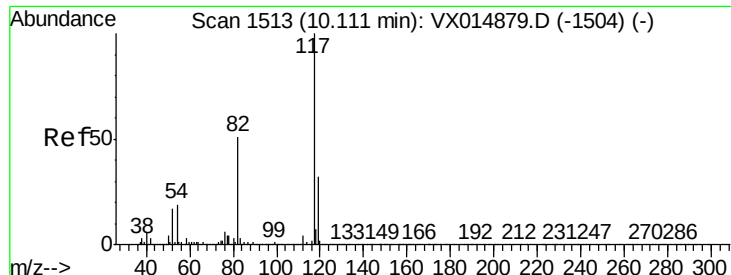


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

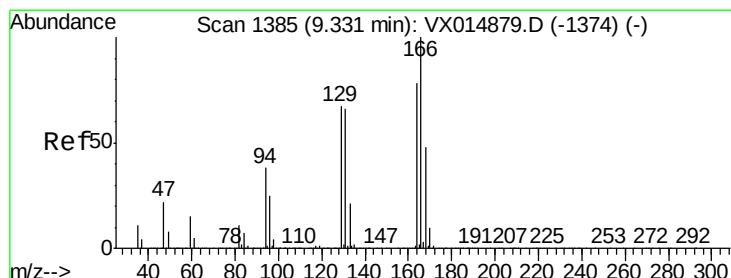
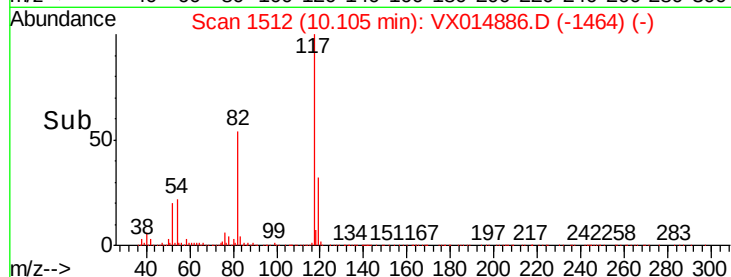
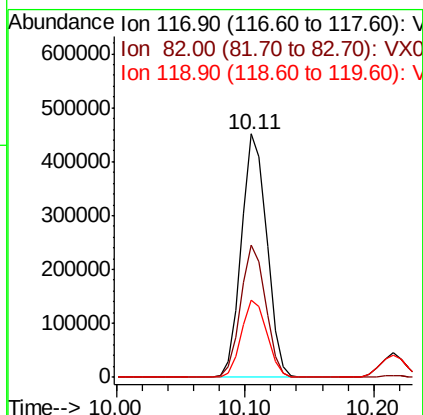
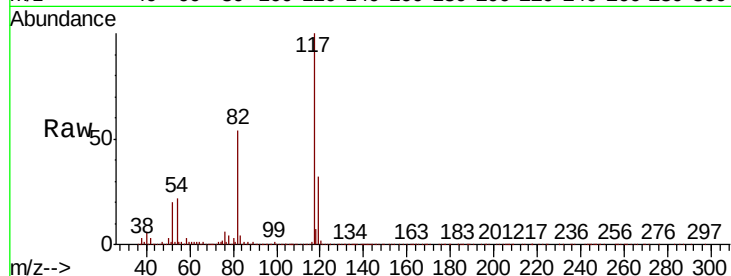




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014886.D
Acq: 10 Feb 2020 14:31

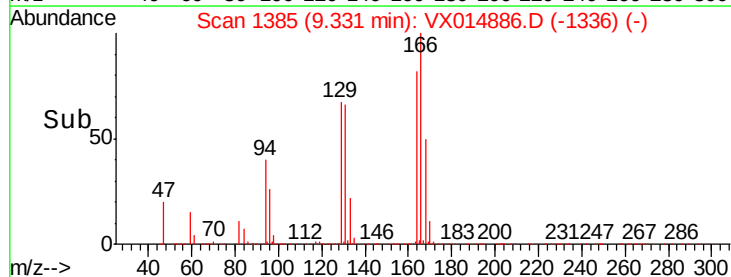
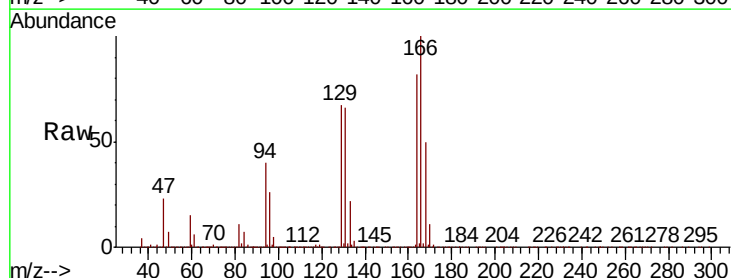
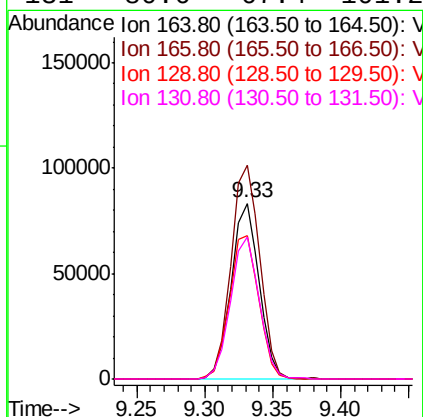
Instrument :
MSVOA_X
ClientSampleId :
VX0210MBS01

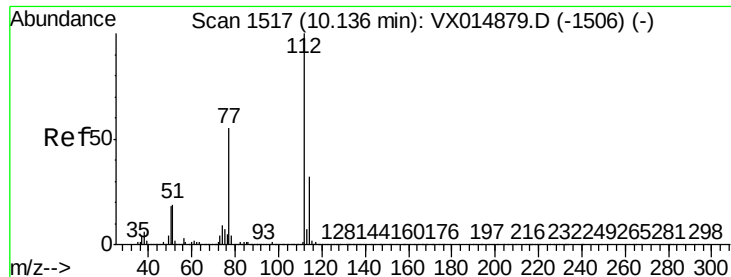
Tot Ion	Ratio	Lower	Upper
117	100		
82	54.3	40.5	60.7
119	31.7	25.8	38.6



#64
Tetrachloroethene
Concen: 20.757 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014886.D
Acq: 10 Feb 2020 14:31

Tgt Ion	Ratio	Lower	Upper
164	100		
166	121.6	102.6	153.8
129	81.5	68.3	102.5
131	80.6	67.4	101.2





#65

Chlorobenzene

Concen: 19.384 ug/l

RT: 10.13 min Scan# 1516

Delta R.T. -0.01 min

Lab File: VX014886.D

Acq: 10 Feb 2020 14:31

Instrument :

MSVOA_X

ClientSampleId :

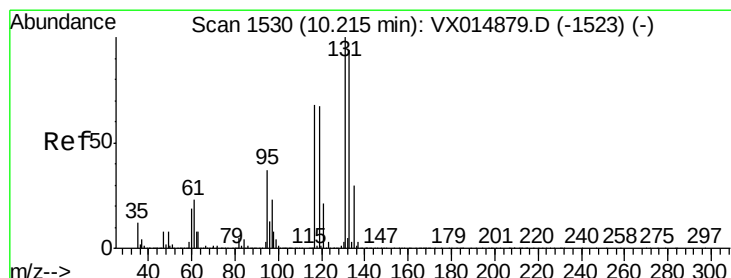
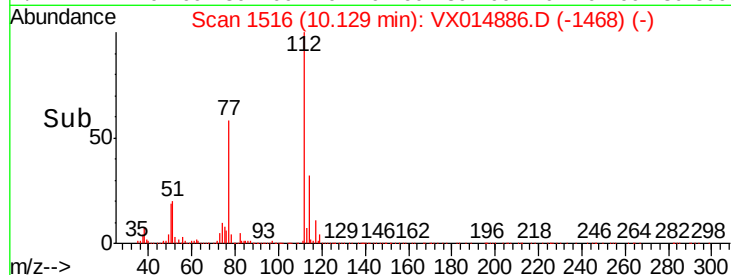
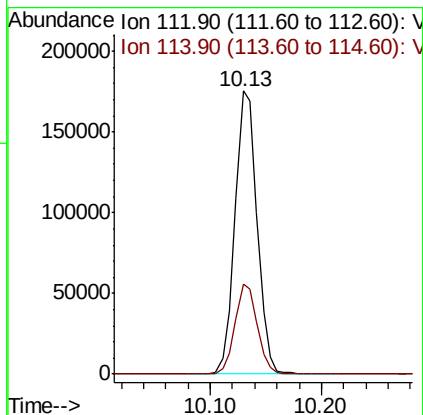
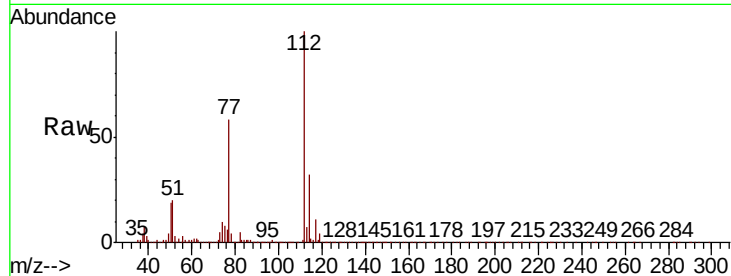
VX0210MBS01

Tot Ion:112 Resp: 241388

Ion Ratio Lower Upper

112 100

114 31.7 25.6 38.4



#66

1,1,1,2-Tetrachloroethane

Concen: 19.433 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX014886.D

Acq: 10 Feb 2020 14:31

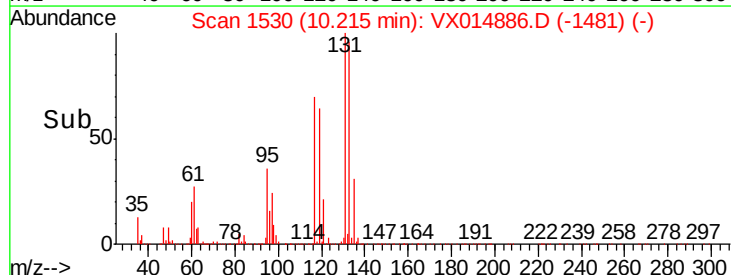
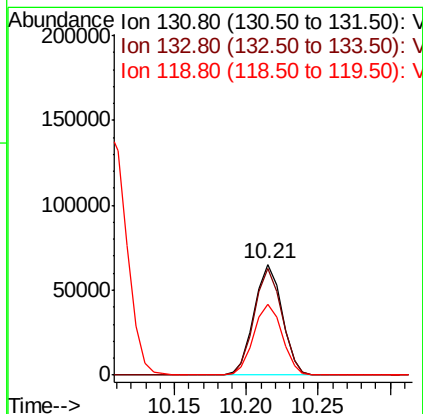
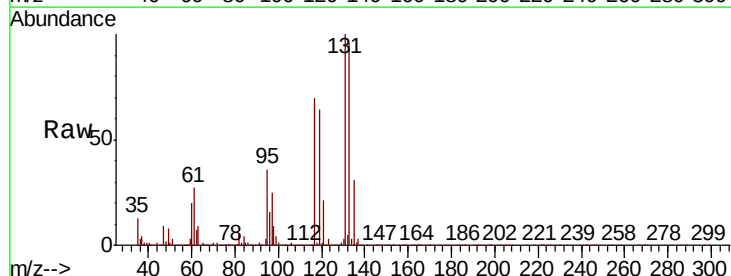
Tgt Ion:131 Resp: 87853

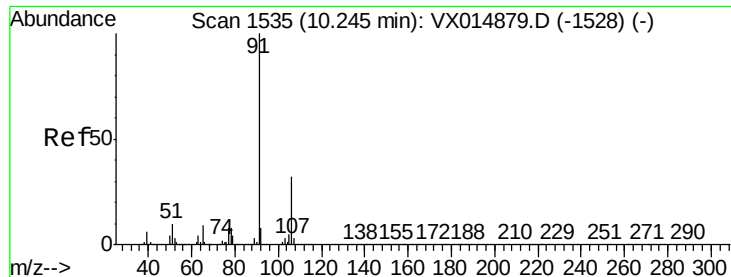
Ion Ratio Lower Upper

131 100

133 96.2 48.1 144.4

119 64.8 33.0 99.0

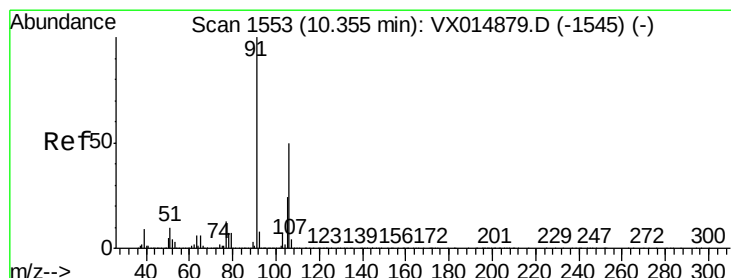
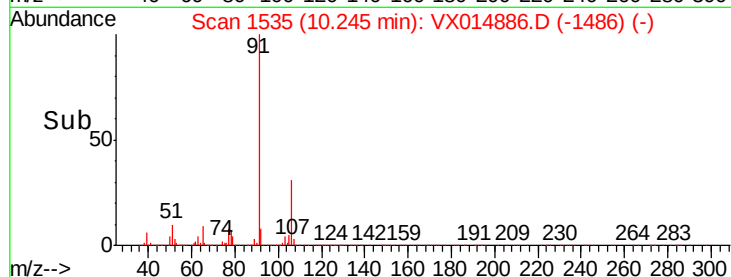
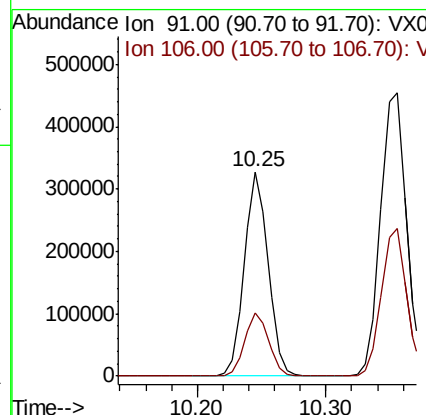
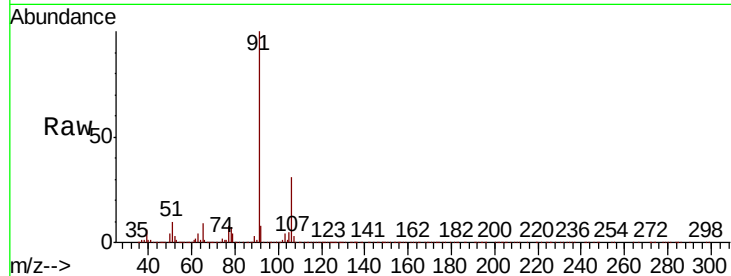




#67
Ethyl Benzene
Concen: 19.704 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX014886.D
Acq: 10 Feb 2020 14:31

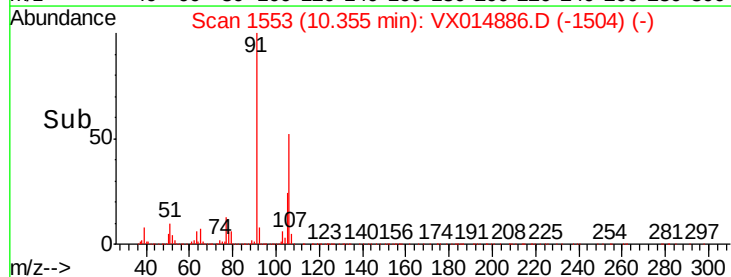
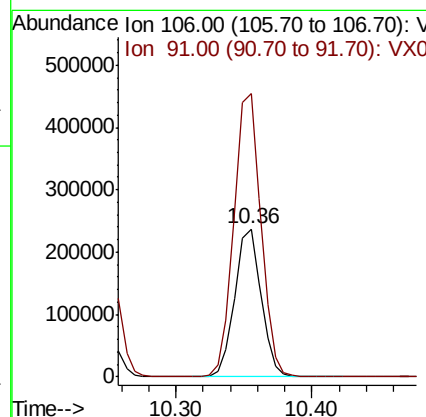
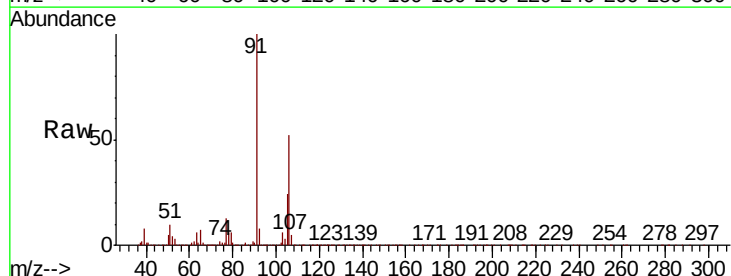
Instrument :
MSVOA_X
ClientSampled :
VX0210MBS01

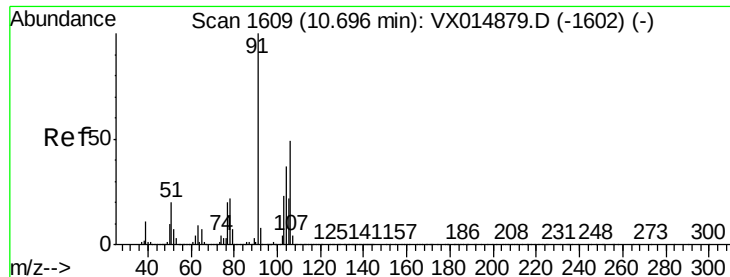
Tot Ion: 91 Resp: 417307
Ion Ratio Lower Upper
91 100
106 30.9 25.3 37.9



#68
m/p-Xylenes
Concen: 39.273 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX014886.D
Acq: 10 Feb 2020 14:31

Tgt Ion: 106 Resp: 320408
Ion Ratio Lower Upper
106 100
91 196.4 160.6 240.8

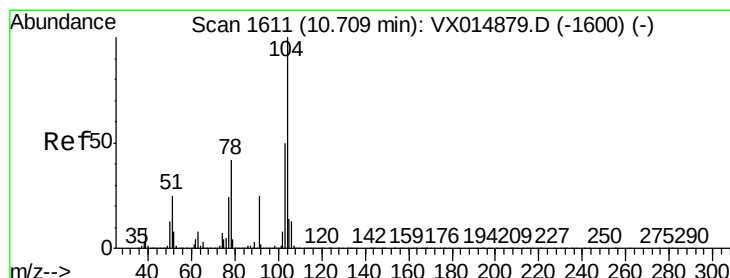
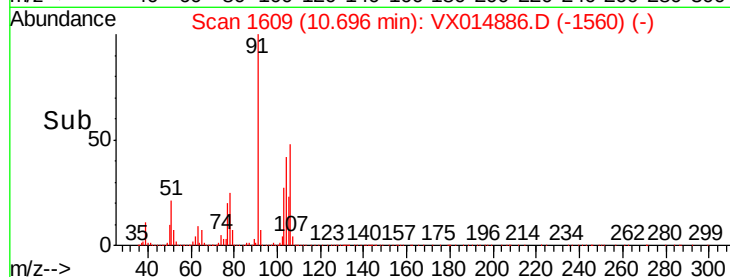
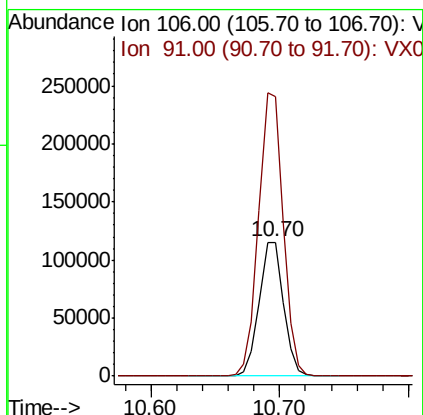
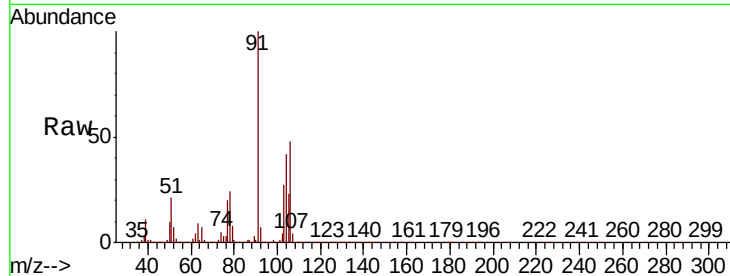




#69
o-Xylene
Concen: 19.193 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014886.D
Acq: 10 Feb 2020 14:31

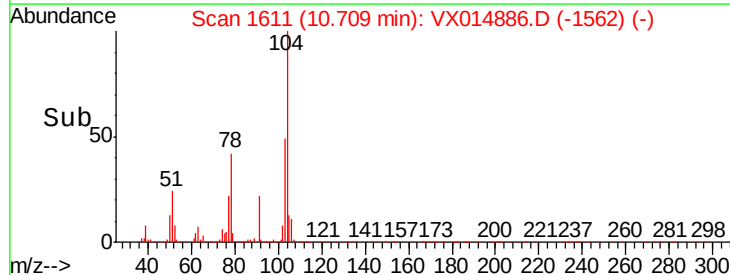
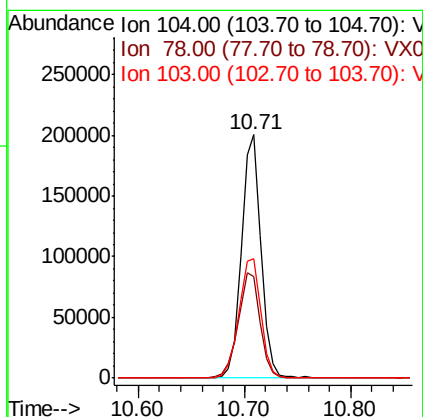
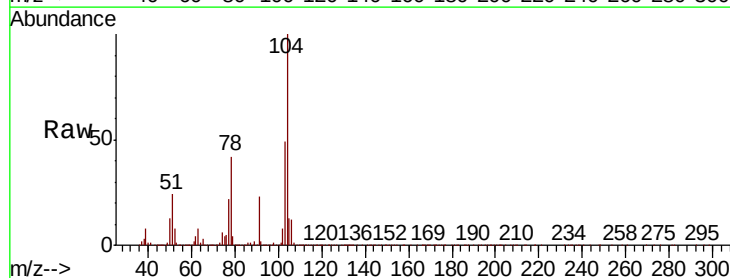
Instrument :
MSVOA_X
ClientSampled :
VX0210MBS01

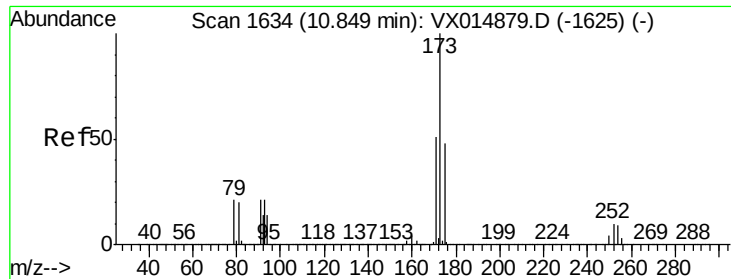
Tot Ion:106 Resp: 150520
Ion Ratio Lower Upper
106 100
91 212.8 105.1 315.3



#70
Styrene
Concen: 19.448 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014886.D
Acq: 10 Feb 2020 14:31

Tgt Ion:104 Resp: 258029
Ion Ratio Lower Upper
104 100
78 48.7 39.0 58.4
103 55.6 43.4 65.0





#71

Bromoform

Concen: 19.051 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VX014886.D

Acq: 10 Feb 2020 14:31

Instrument :

MSVOA_X

ClientSampleId :

VX0210MBS01

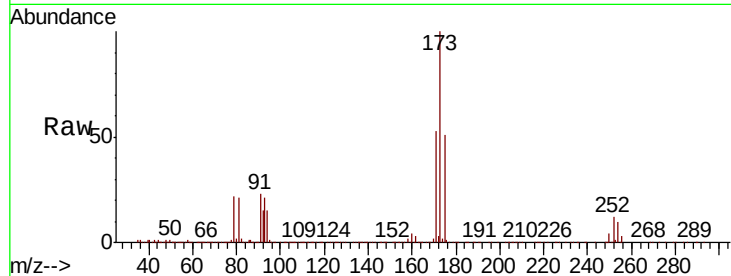
Tot Ion:173 Resp: 71890

Ion Ratio Lower Upper

173 100

175 49.7 24.2 72.6

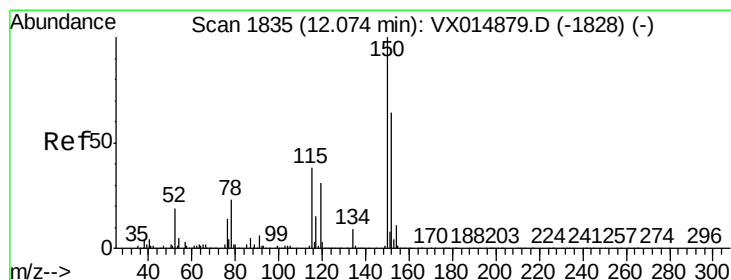
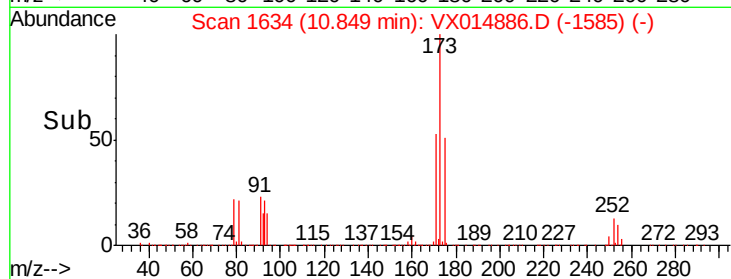
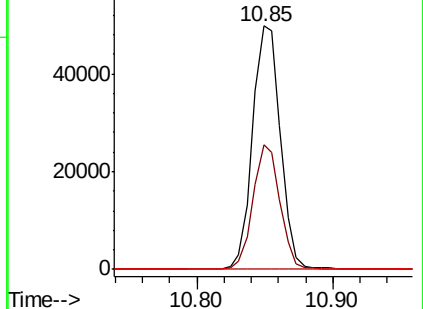
254 0.0 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX014886.D

Acq: 10 Feb 2020 14:31

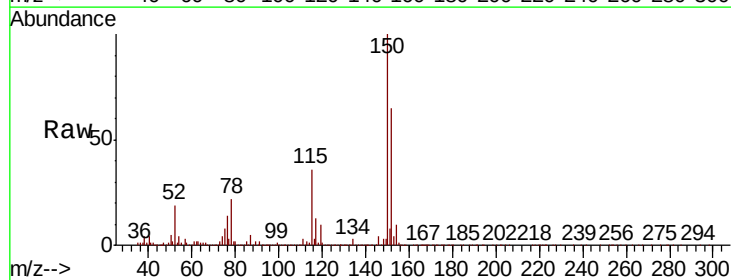
Tgt Ion:152 Resp: 331032

Ion Ratio Lower Upper

152 100

115 62.5 38.6 116.0

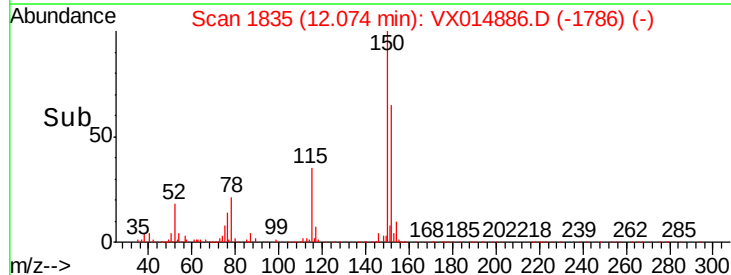
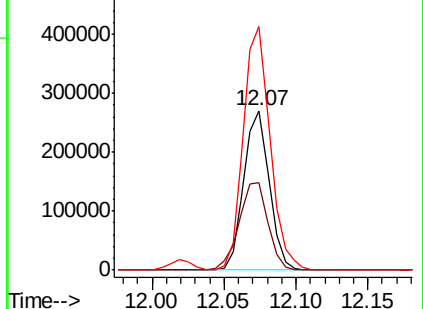
150 160.6 0.0 349.0

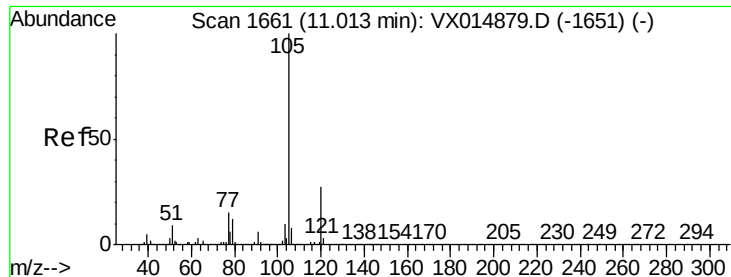


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.592 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014886.D

Acq: 10 Feb 2020 14:31

Instrument :

MSVOA_X

ClientSampleId :

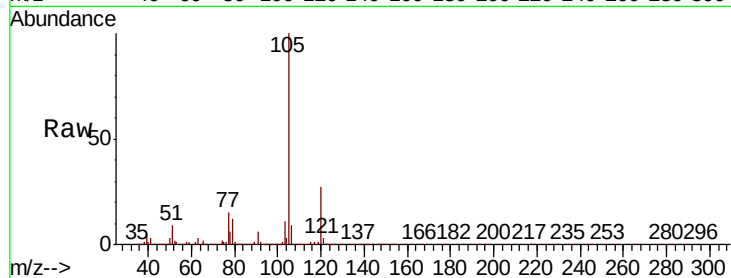
VX0210MBS01

Tot Ion:105 Resp: 406716

Ion Ratio Lower Upper

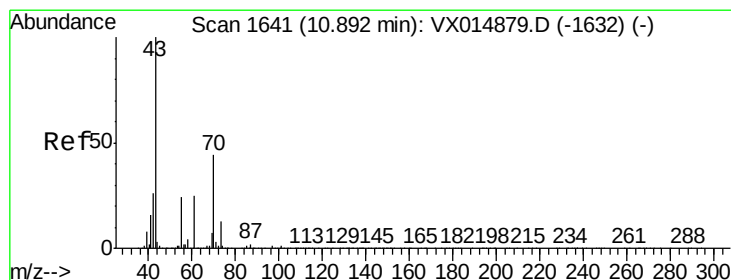
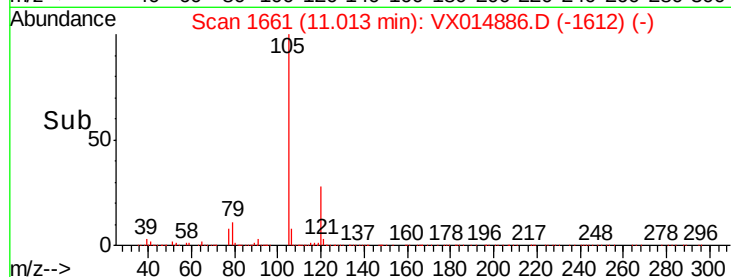
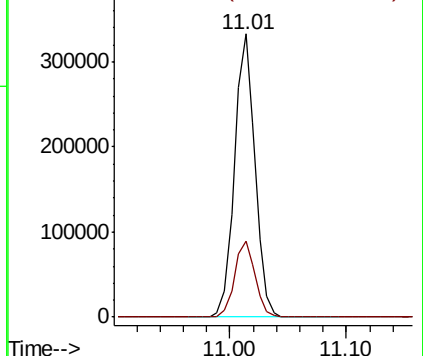
105 100

120 27.1 13.6 40.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.573 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014886.D

Acq: 10 Feb 2020 14:31

Tgt Ion: 43 Resp: 168831

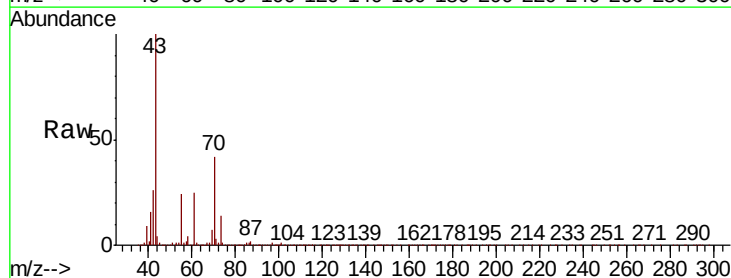
Ion Ratio Lower Upper

43 100

70 42.7 35.0 52.4

55 24.4 19.4 29.2

61 24.6 19.8 29.6

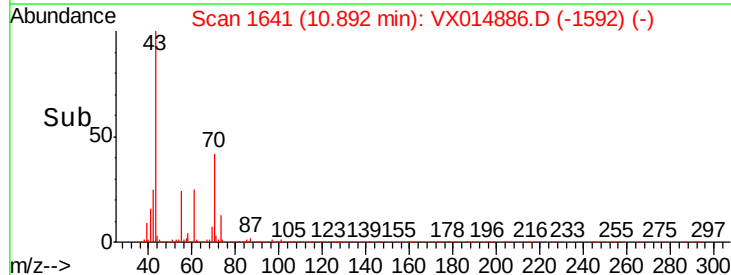
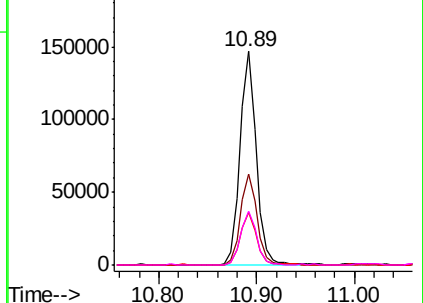


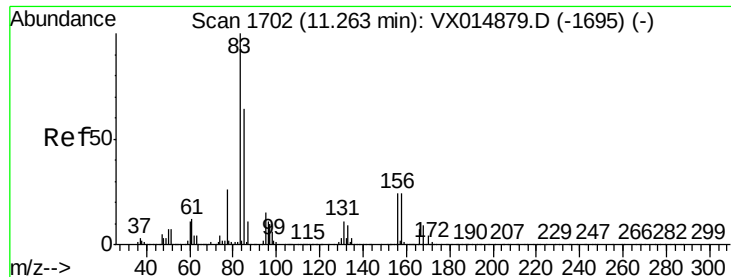
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 19.178 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014886.D

Acq: 10 Feb 2020 14:31

Instrument :

MSVOA_X

ClientSampled :

VX0210MBS01

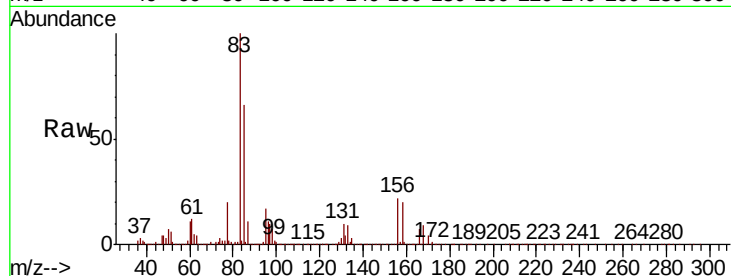
Tot Ion: 83 Resp: 130145

Ion Ratio Lower Upper

83 100

131 10.2 5.3 16.1

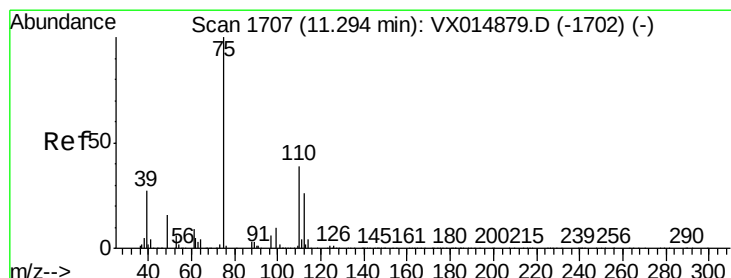
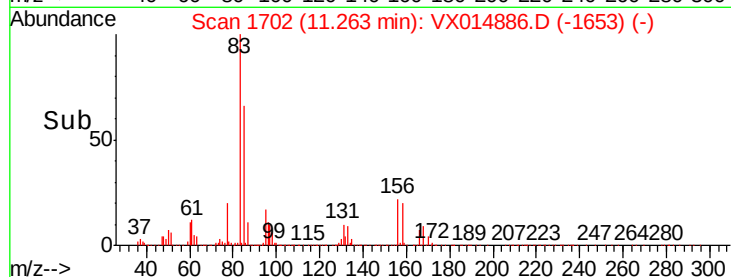
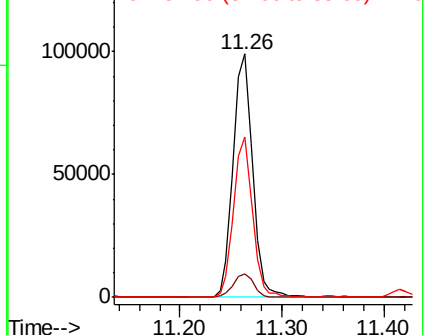
85 63.9 32.6 97.7



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: 25.273 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014886.D

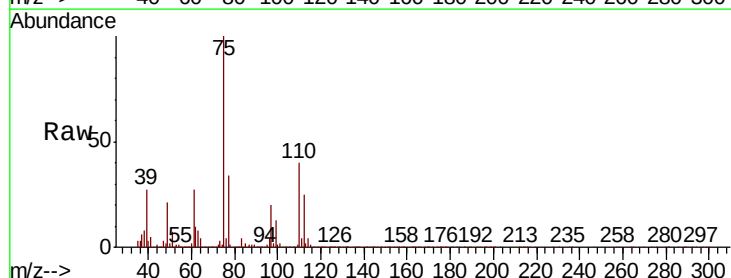
Acq: 10 Feb 2020 14:31

Tgt Ion: 75 Resp: 151286

Ion Ratio Lower Upper

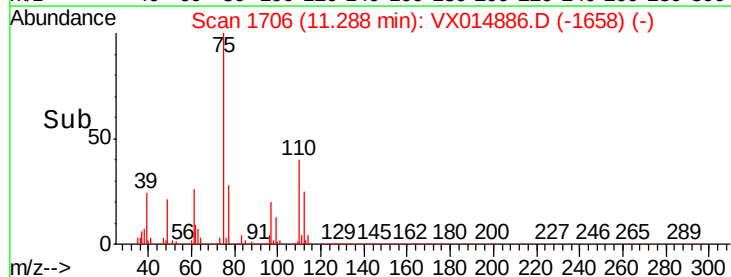
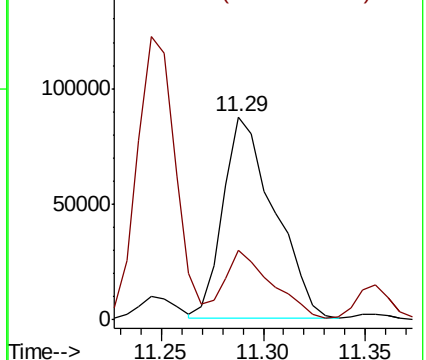
75 100

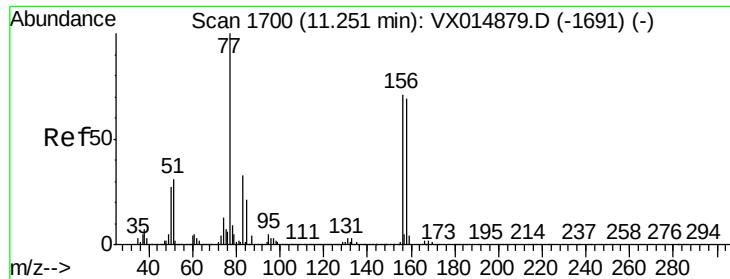
77 32.4 18.4 55.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.414 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014886.D

Acq: 10 Feb 2020 14:31

Instrument :

MSVOA_X

ClientSampleId :

VX0210MBS01

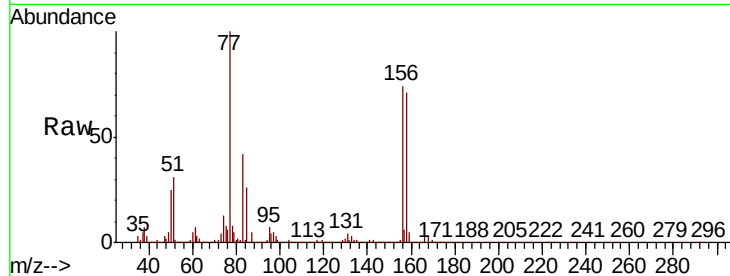
Tot Ion:156 Resp: 112488

Ion Ratio Lower Upper

156 100

77 141.5 74.0 222.0

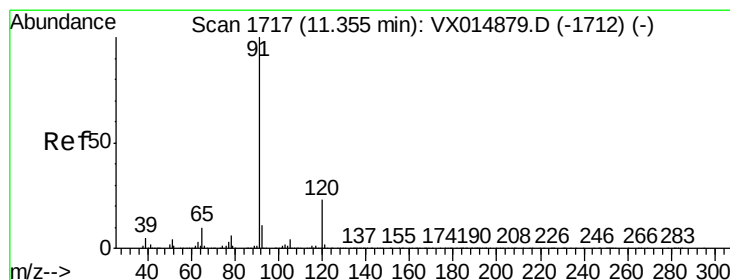
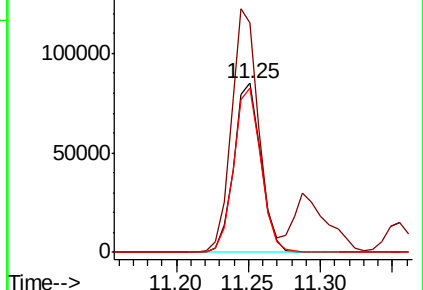
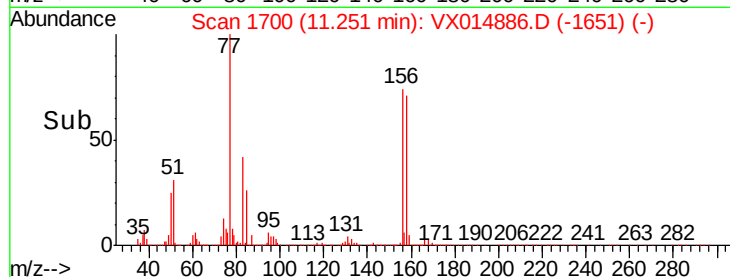
158 96.4 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.365 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX014886.D

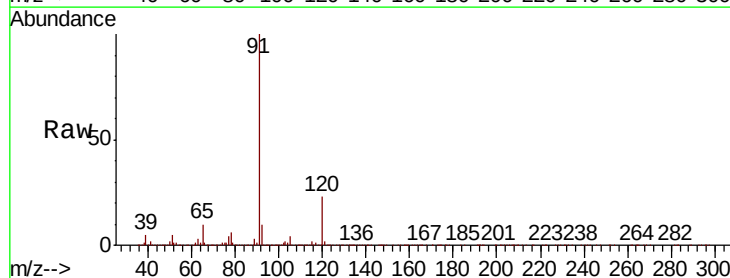
Acq: 10 Feb 2020 14:31

Tgt Ion: 91 Resp: 464967

Ion Ratio Lower Upper

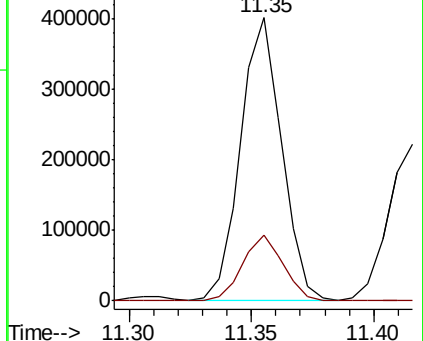
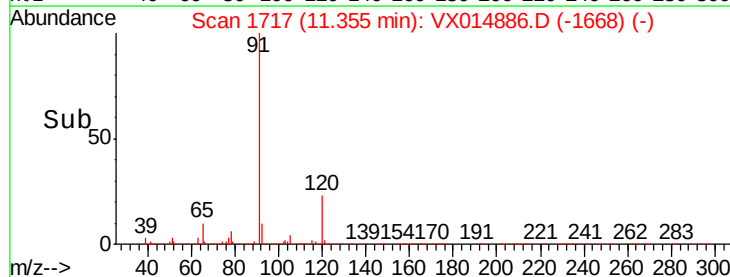
91 100

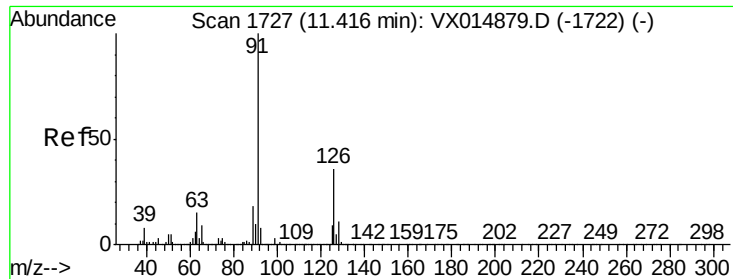
120 23.4 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

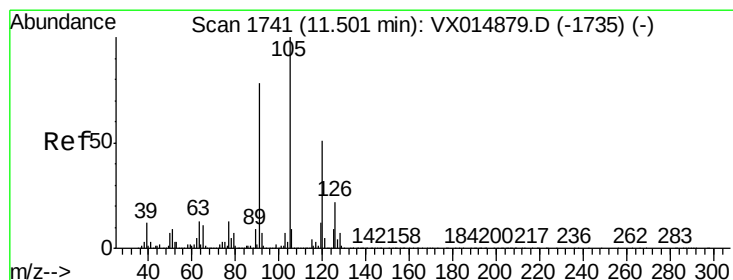
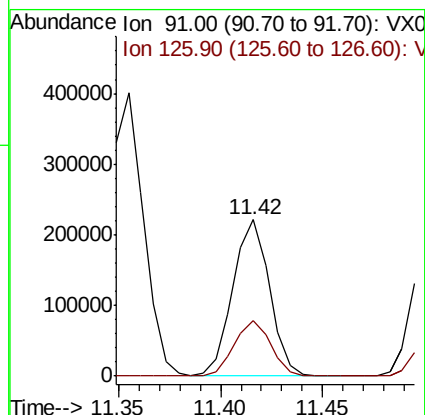
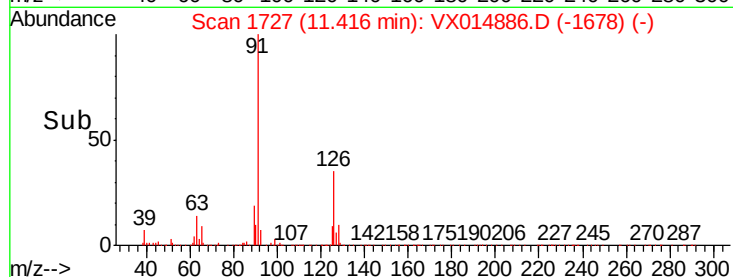
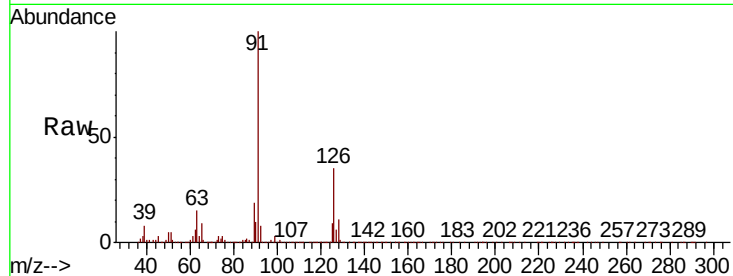




#79
2-Chlorotoluene
Concen: 19.368 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. 0.00 min
Lab File: VX014886.D
Acq: 10 Feb 2020 14:31

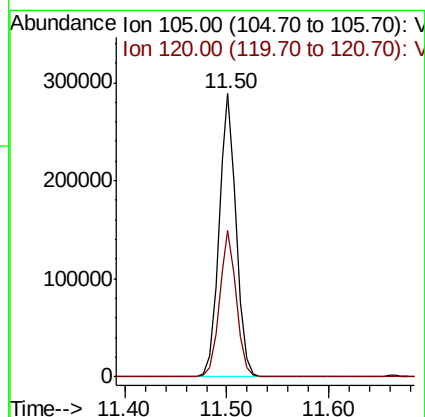
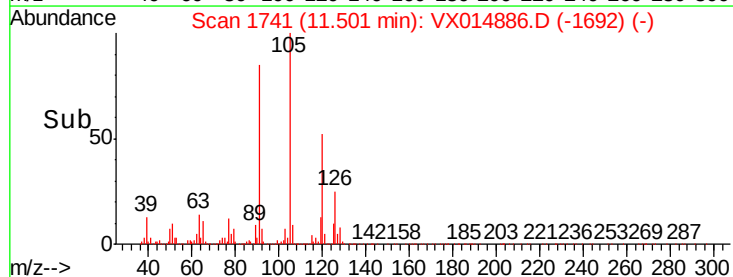
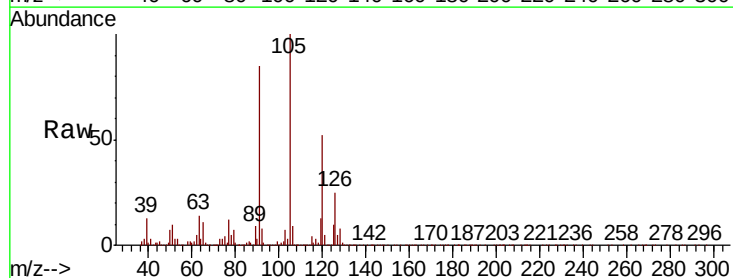
Instrument :
MSVOA_X
ClientSampleId :
VX0210MBS01

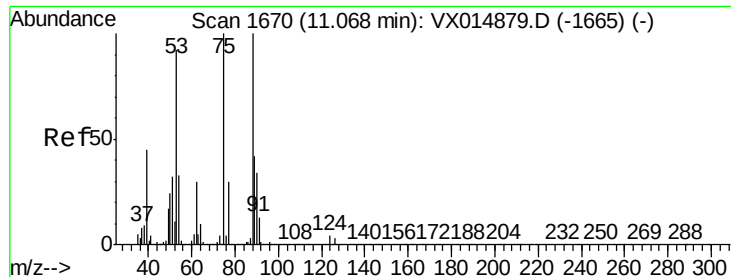
Tot Ion: 91 Resp: 273388
Ion Ratio Lower Upper
91 100
126 35.9 18.0 54.0



#80
1,3,5-Trimethylbenzene
Concen: 19.592 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX014886.D
Acq: 10 Feb 2020 14:31

Tgt Ion: 105 Resp: 339839
Ion Ratio Lower Upper
105 100
120 50.7 25.6 76.6





#81

trans-1,4-Dichloro-2-butene

Concen: 18.154 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX014886.D

Acq: 10 Feb 2020 14:31

Instrument :

MSVOA_X

ClientSampleId :

VX0210MBS01

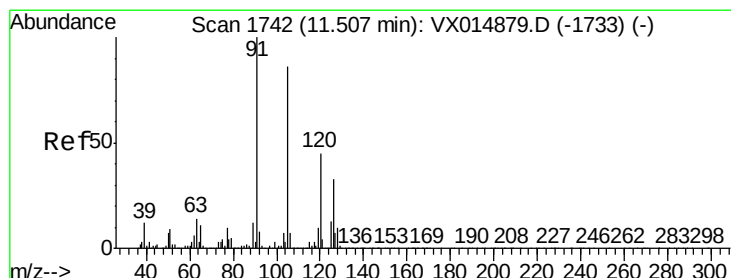
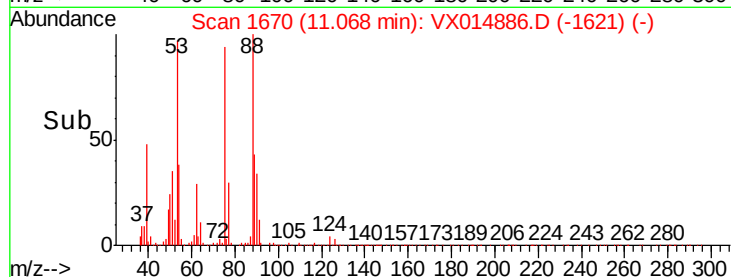
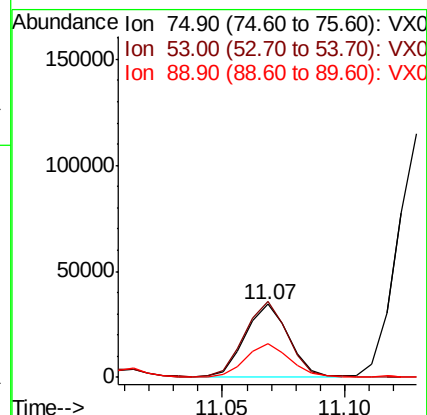
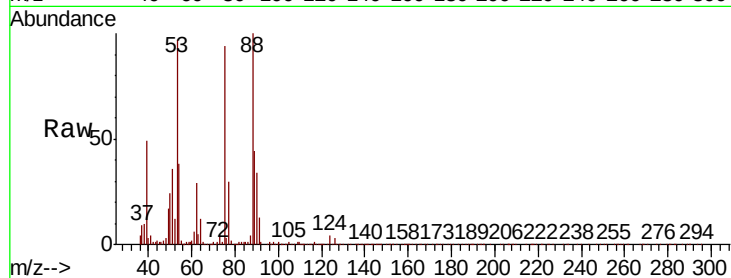
Tot Ion: 75 Resp: 42454

Ion Ratio Lower Upper

75 100

53 102.9 76.2 114.2

89 46.1 35.8 53.6



#82

4-Chlorotoluene

Concen: 19.323 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.01 min

Lab File: VX014886.D

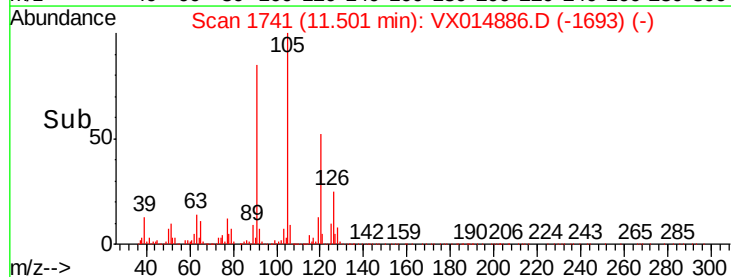
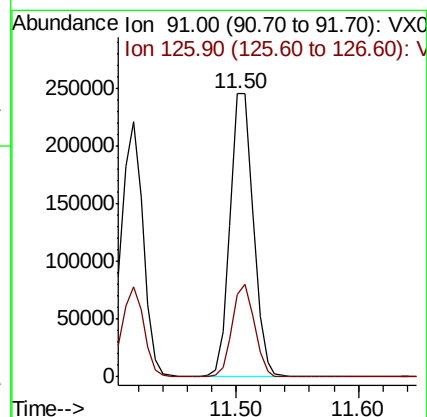
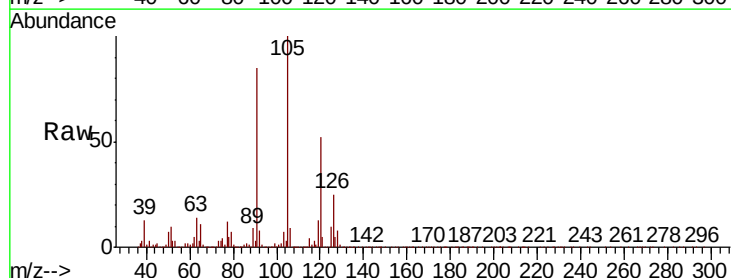
Acq: 10 Feb 2020 14:31

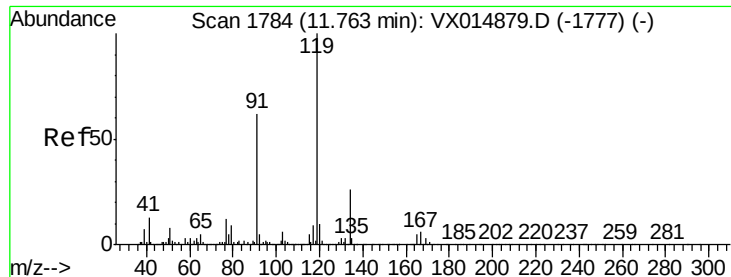
Tgt Ion: 91 Resp: 323004

Ion Ratio Lower Upper

91 100

126 31.0 15.7 47.0





#83

tert-Butylbenzene

Concen: 18.972 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VX014886.D

Acq: 10 Feb 2020 14:31

Instrument :

MSVOA_X

ClientSampleId :

VX0210MBS01

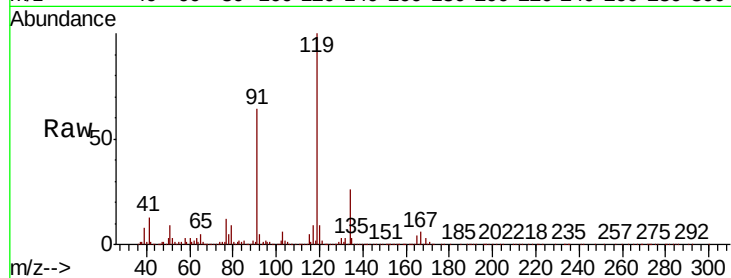
Tot Ion:119 Resp: 311627

Ion Ratio Lower Upper

119 100

91 60.5 29.5 88.6

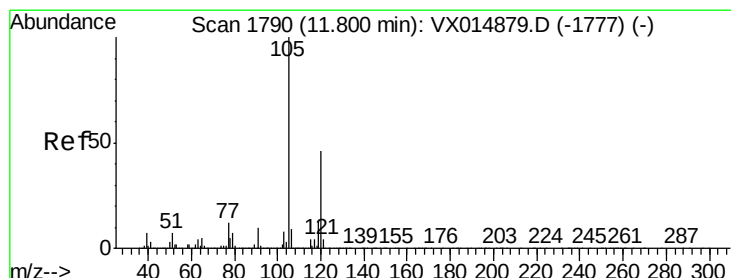
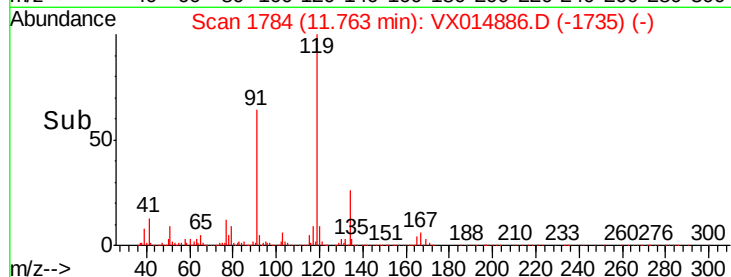
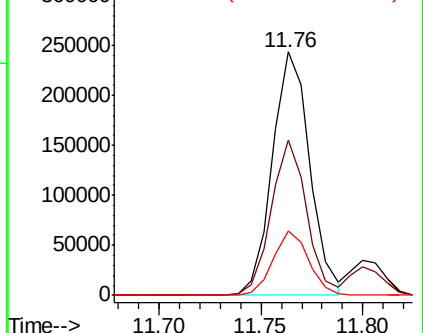
134 25.1 12.6 37.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 19.811 ug/l

RT: 11.80 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX014886.D

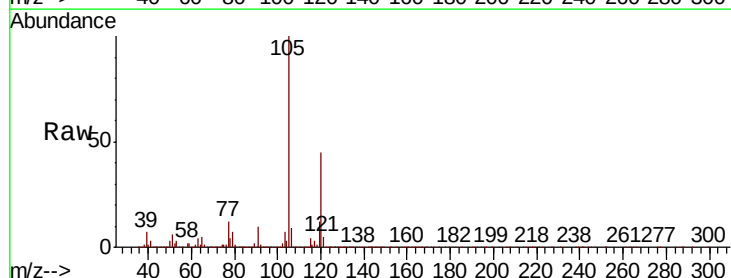
Acq: 10 Feb 2020 14:31

Tgt Ion:105 Resp: 346300

Ion Ratio Lower Upper

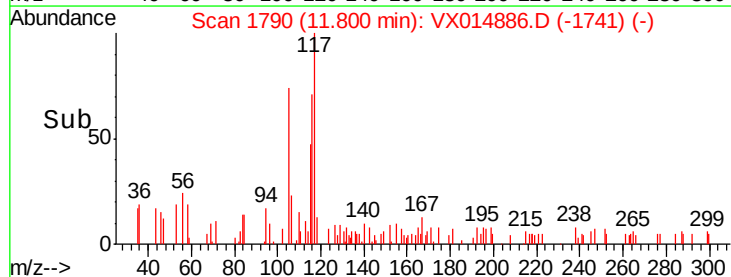
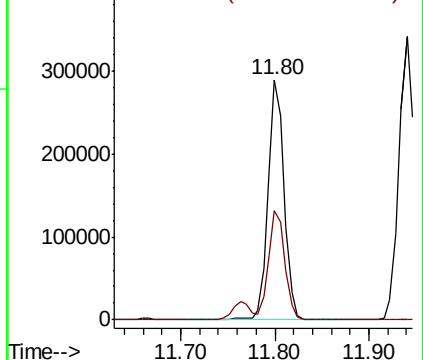
105 100

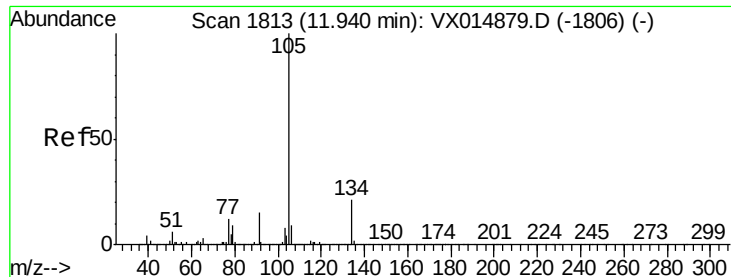
120 46.0 23.0 69.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 19.635 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014886.D

Acq: 10 Feb 2020 14:31

Instrument :

MSVOA_X

ClientSampleId :

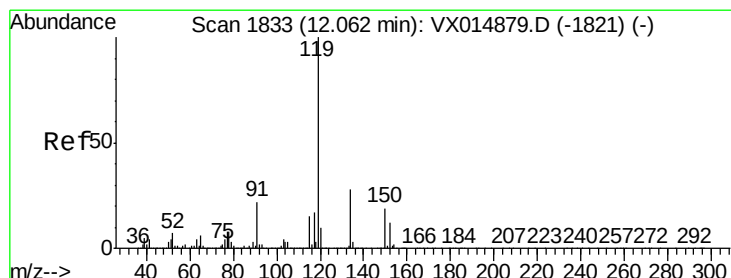
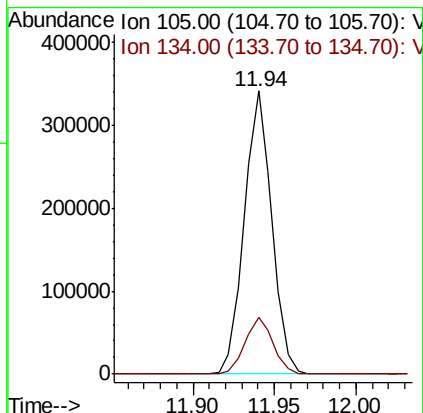
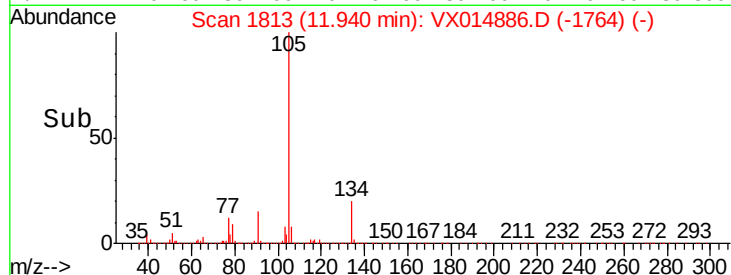
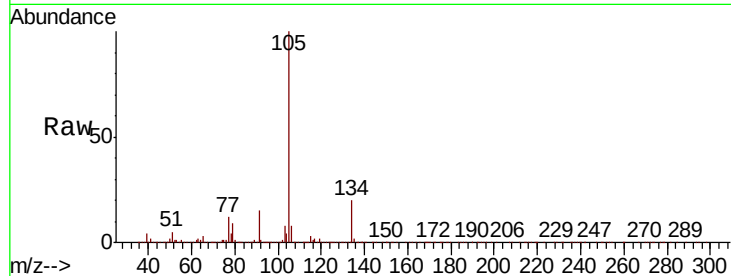
VX0210MBS01

Tot Ion:105 Resp: 400666

Ion Ratio Lower Upper

105 100

134 20.6 10.6 31.8



#86

p-Isopropyltoluene

Concen: 19.316 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX014886.D

Acq: 10 Feb 2020 14:31

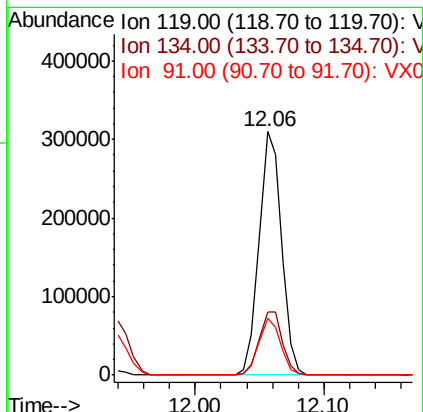
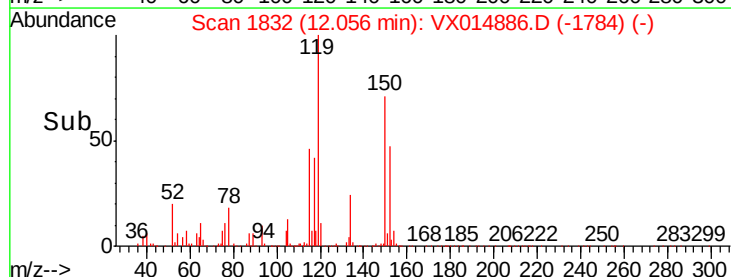
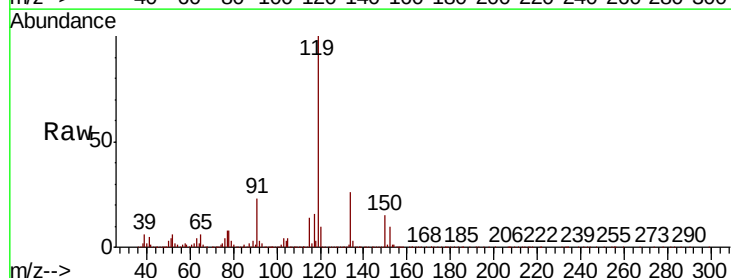
Tgt Ion:119 Resp: 368835

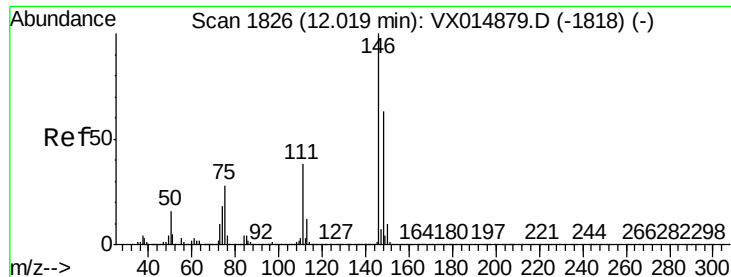
Ion Ratio Lower Upper

119 100

134 27.3 13.5 40.5

91 22.7 11.4 34.1

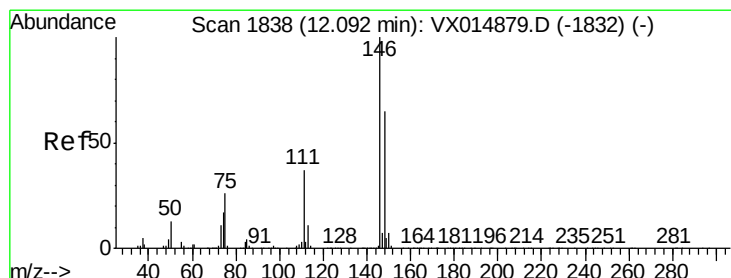
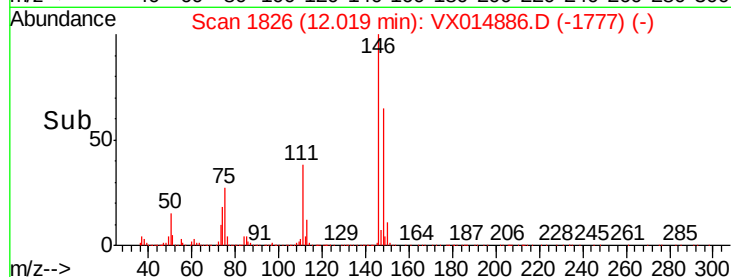
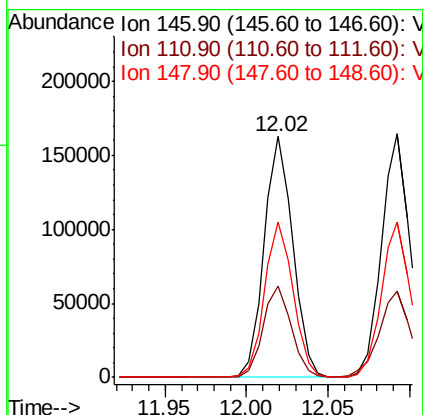
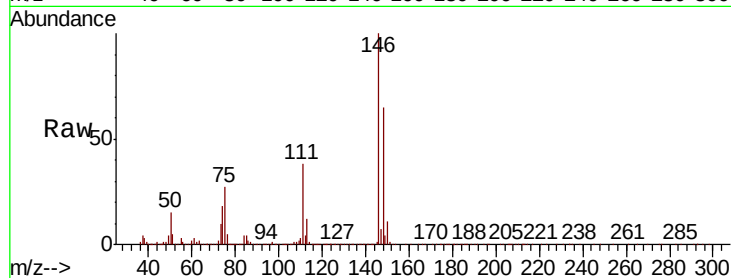




#87
 1,3-Dichlorobenzene
 Concen: 19.046 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX014886.D
 Acq: 10 Feb 2020 14:31

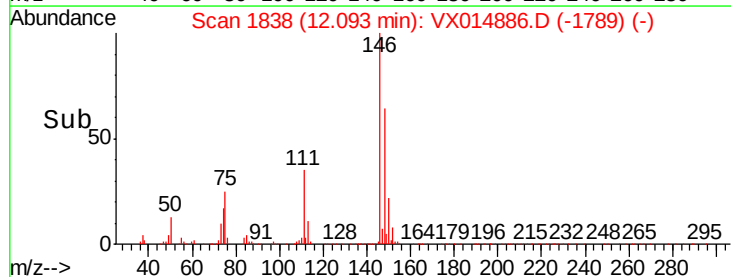
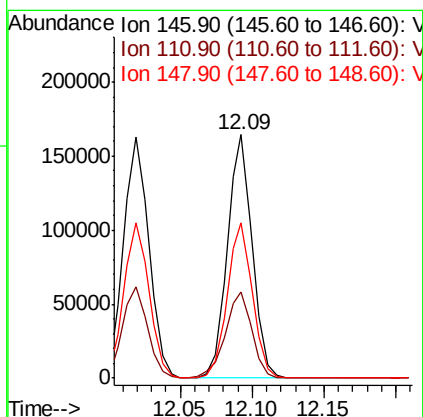
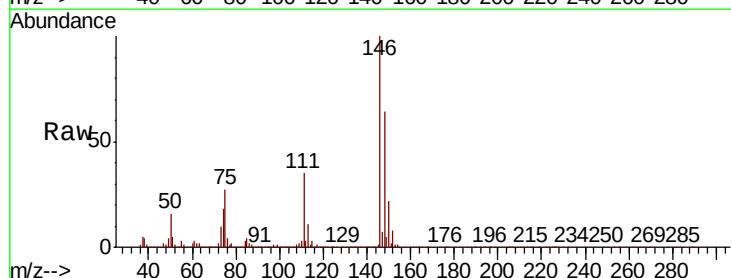
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0210MBS01

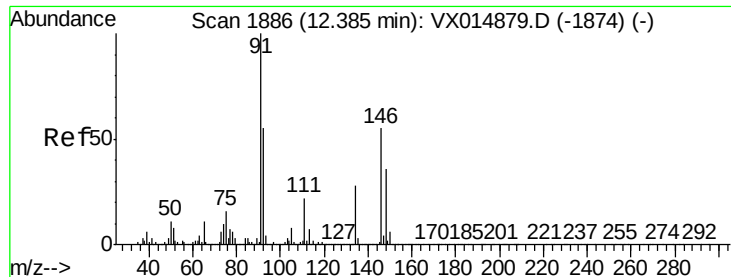
Tot Ion:146 Resp: 197971
 Ion Ratio Lower Upper
 146 100
 111 37.1 18.6 56.0
 148 64.0 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 18.748 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX014886.D
 Acq: 10 Feb 2020 14:31

Tgt Ion:146 Resp: 199011
 Ion Ratio Lower Upper
 146 100
 111 38.0 18.6 55.6
 148 64.6 32.4 97.0





#89

n-Butylbenzene

Concen: 18.714 ug/l

RT: 12.38 min Scan# 1885

Delta R.T. -0.01 min

Lab File: VX014886.D

Acq: 10 Feb 2020 14:31

Instrument :

MSVOA_X

ClientSampleId :

VX0210MBS01

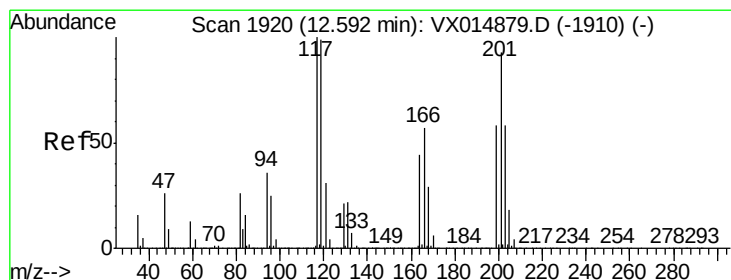
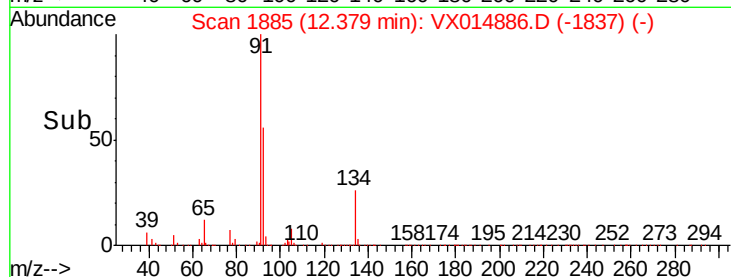
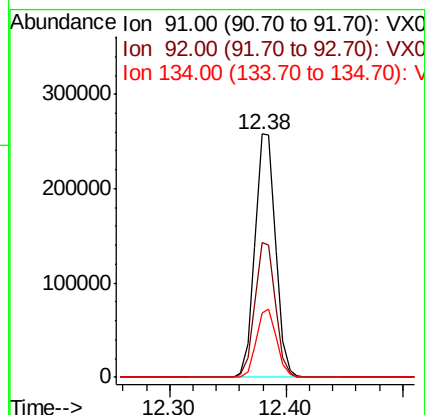
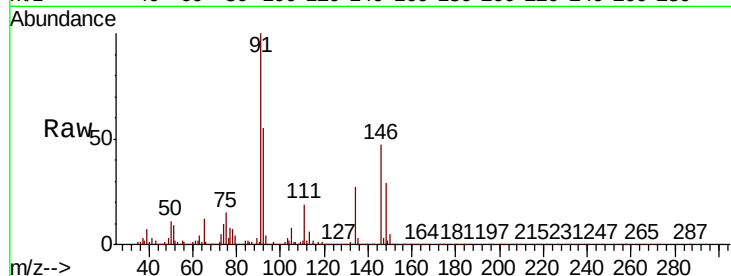
Tot Ion: 91 Resp: 320039

Ion Ratio Lower Upper

91 100

92 55.1 27.3 81.8

134 27.4 13.8 41.4



#90

Hexachloroethane

Concen: 18.306 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VX014886.D

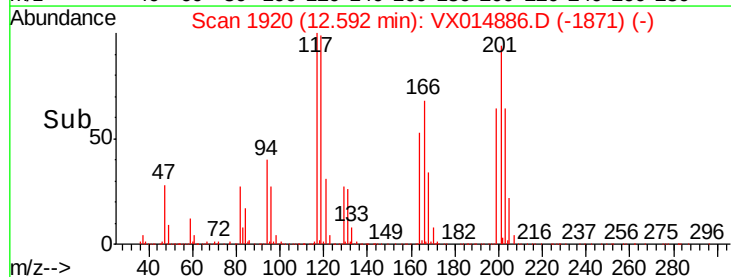
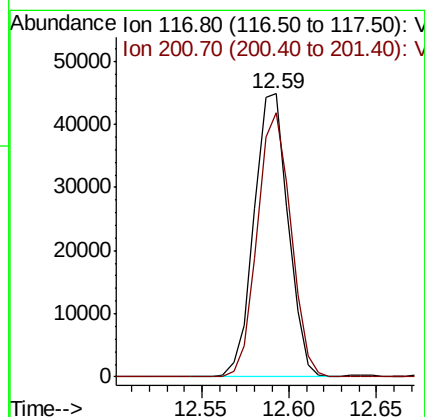
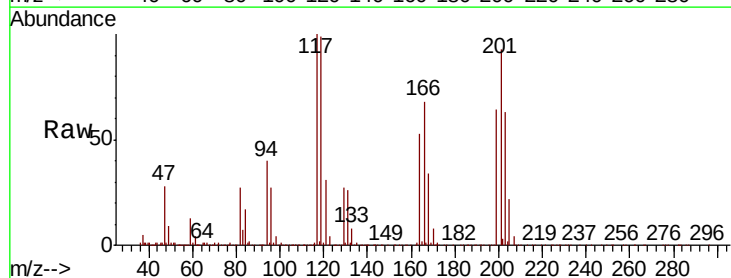
Acq: 10 Feb 2020 14:31

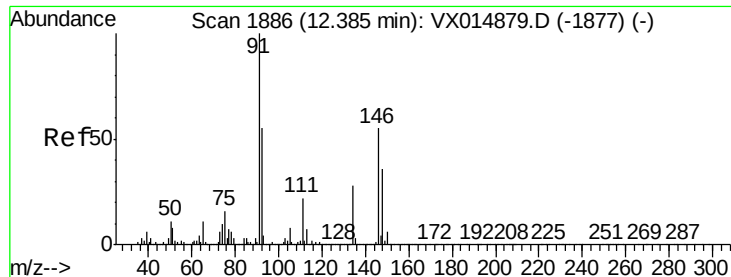
Tgt Ion: 117 Resp: 61043

Ion Ratio Lower Upper

117 100

201 91.6 44.8 134.3

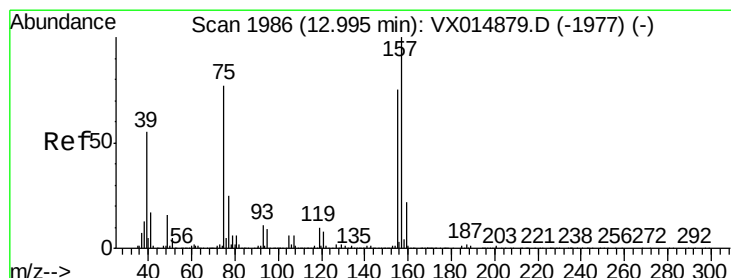
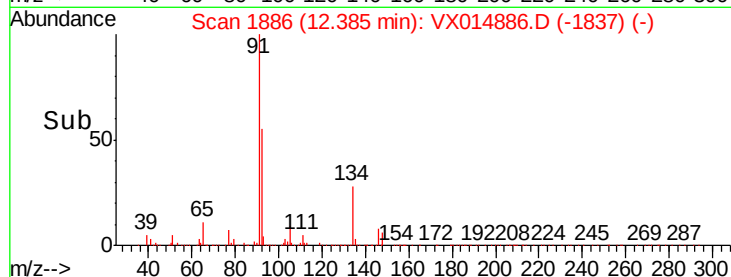
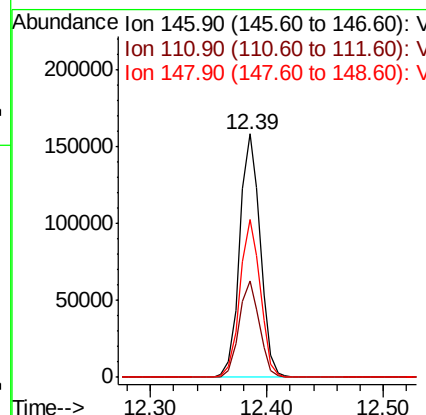
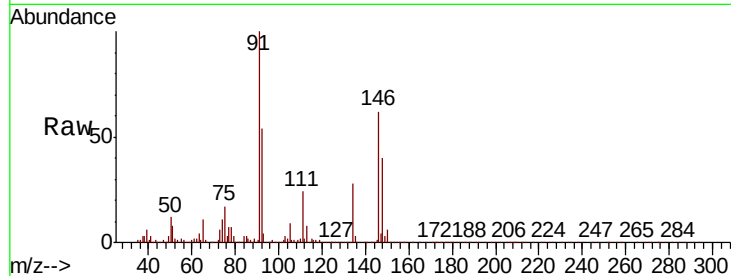




#91
 1,2-Dichlorobenzene
 Concen: 19.085 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014886.D
 Acq: 10 Feb 2020 14:31

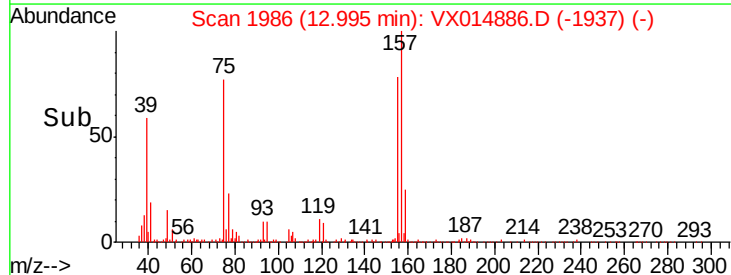
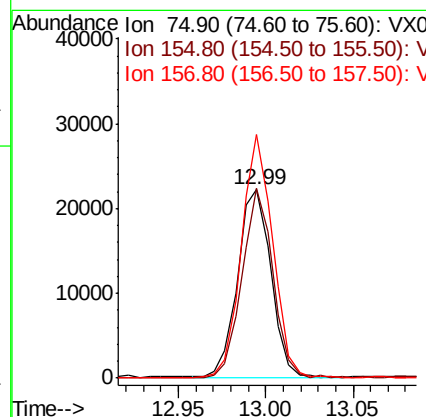
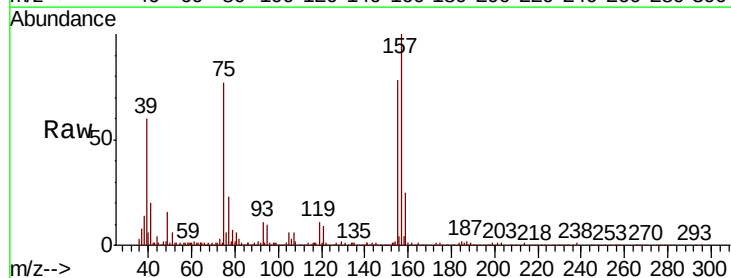
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0210MBS01

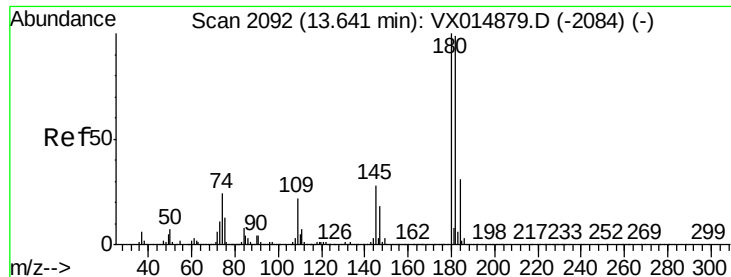
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.4	19.8	59.3
148	64.8	32.4	97.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.251 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX014886.D
 Acq: 10 Feb 2020 14:31

Tgt Ion	Ratio	Lower	Upper
75	100		
155	95.4	48.6	145.9
157	123.2	62.0	186.0

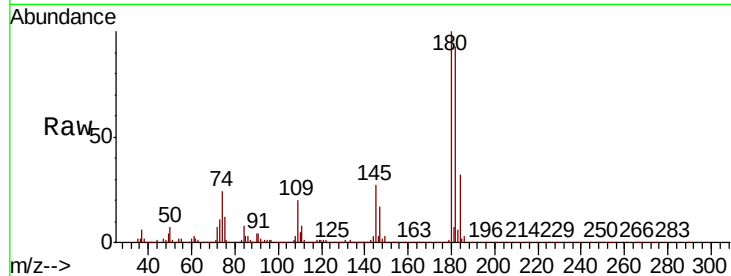




#93
 1,2,4-Trichlorobenzene
 Concen: 18.833 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014886.D
 Acq: 10 Feb 2020 14:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0210MBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.3	48.4	145.3
145	27.8	14.1	42.4

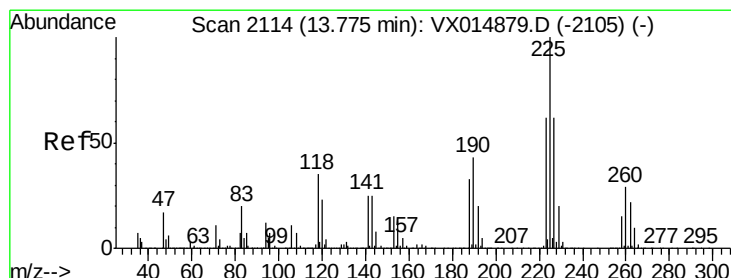
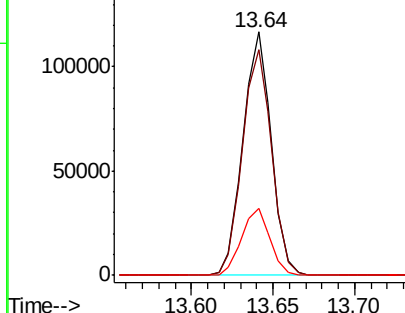
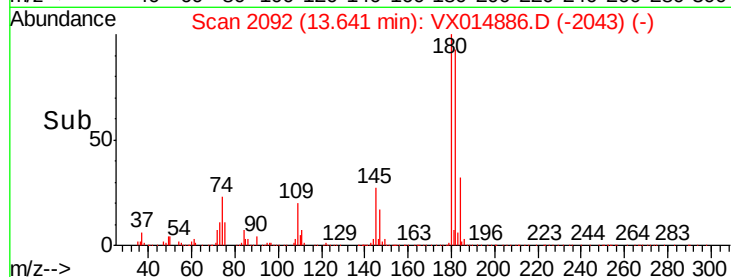


Abundance

Ion 179.80 (179.50 to 180.50): V

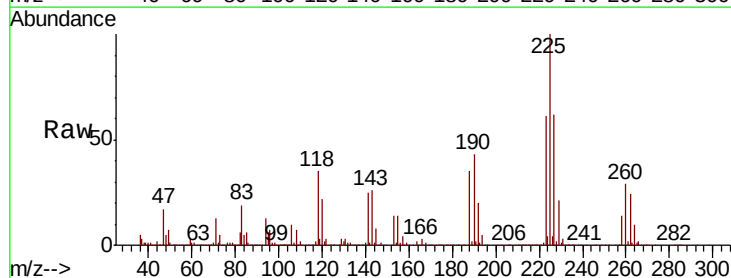
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 19.514 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014886.D
 Acq: 10 Feb 2020 14:31

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.0	31.1	93.2
227	61.7	30.9	92.5

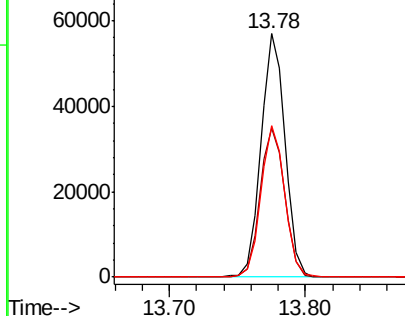
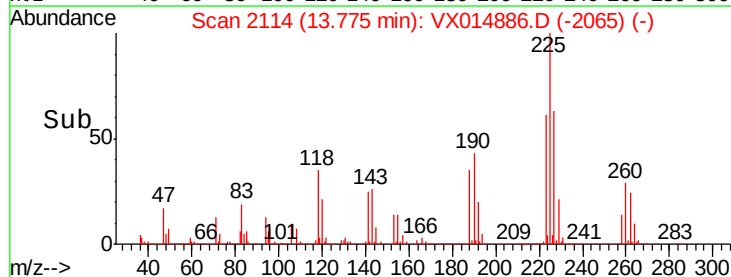


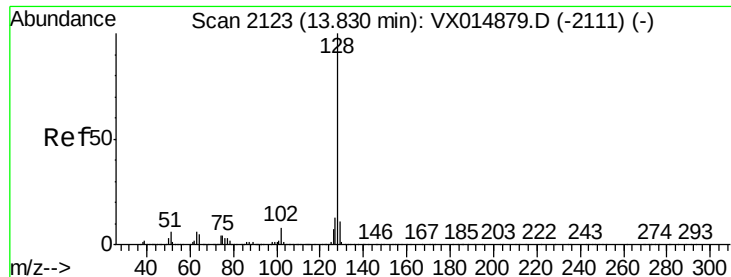
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 20.161 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX014886.D

Acq: 10 Feb 2020 14:31

Instrument :

MSVOA_X

ClientSampleId :

VX0210MBS01

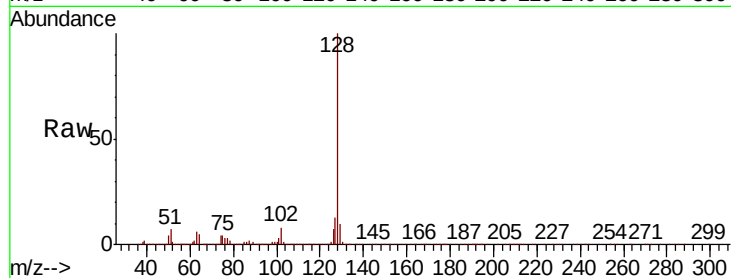
Tot Ion:128 Resp: 403332

Ion Ratio Lower Upper

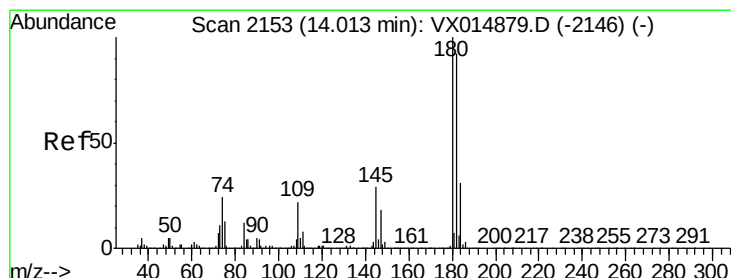
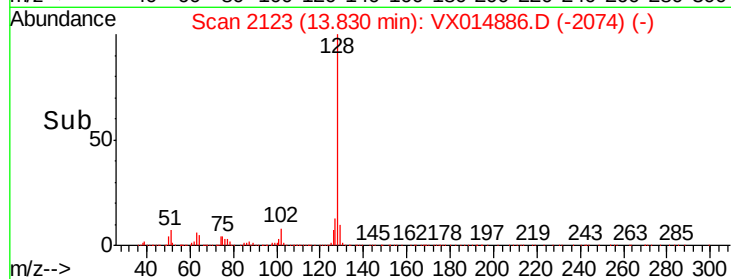
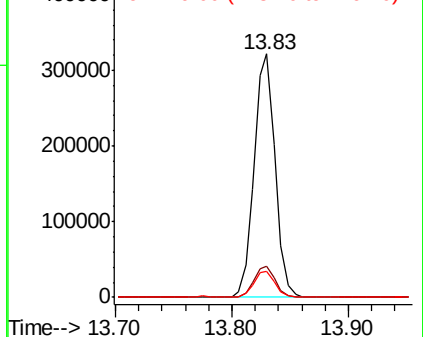
128 100

127 13.0 10.4 15.6

129 10.8 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 19.524 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. 0.00 min

Lab File: VX014886.D

Acq: 10 Feb 2020 14:31

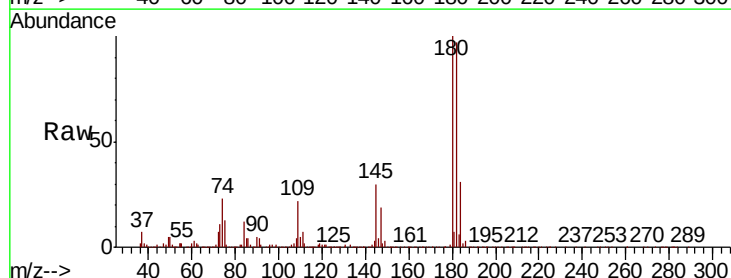
Tgt Ion:180 Resp: 141923

Ion Ratio Lower Upper

180 100

182 96.6 47.5 142.6

145 30.1 14.5 43.5



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

