

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX121919\
 Data File : VX014134.D
 Acq On : 19 Dec 2019 20:30
 Operator : JC/SP
 Sample : K6372-13MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 20 01:02:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	495319	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	778405	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	711288	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	358407	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	287779	51.26	ug/l	0.00
Spiked Amount			Recovery	=	102.52%	
35) Dibromofluoromethane	5.49	113	241035	50.94	ug/l	0.00
Spiked Amount			Recovery	=	101.88%	
50) Toluene-d8	8.71	98	955379	51.86	ug/l	0.00
Spiked Amount			Recovery	=	103.72%	
62) 4-Bromofluorobenzene	11.13	95	348341	51.73	ug/l	0.00
Spiked Amount			Recovery	=	103.46%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	214339	48.370	ug/l	100
3) Chloromethane	1.32	50	300223	50.485	ug/l	99
4) Vinyl Chloride	1.40	62	315657	50.304	ug/l	99
5) Bromomethane	1.63	94	191227	42.937	ug/l	100
6) Chloroethane	1.72	64	200925	51.881	ug/l	96
7) Trichlorofluoromethane	1.92	101	397702	51.199	ug/l	100
8) Diethyl Ether	2.18	74	180924	49.628	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	234924	50.171	ug/l	99
10) Methyl Iodide	2.50	142	322080	52.045	ug/l	99
11) Tert butyl alcohol	3.03	59	298304	245.922	ug/l	99
12) 1,1-Dichloroethene	2.37	96	238517	50.060	ug/l	98
13) Acrolein	2.28	56	212849	306.539	ug/l	92
14) Allyl chloride	2.72	41	440428	51.771	ug/l	98
15) Acrylonitrile	3.13	53	786974	277.961	ug/l	99
16) Acetone	2.43	43	646170	177.299	ug/l	99
17) Carbon Disulfide	2.56	76	646371	48.883	ug/l	99
18) Methyl Acetate	2.76	43	375737	52.028	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	826389	52.781	ug/l #	77
20) Methylene Chloride	2.85	84	277321	48.321	ug/l	95
21) trans-1,2-Dichloroethene	3.16	96	258803	49.304	ug/l	98
22) Diisopropyl ether	3.84	45	899997	53.089	ug/l	99
23) Vinyl Acetate	3.80	43	3772355	272.681	ug/l	99
24) 1,1-Dichloroethane	3.69	63	485701	51.496	ug/l	100
25) 2-Butanone	4.66	43	1076287	239.533	ug/l	98
26) 2,2-Dichloropropane	4.58	77	333477	45.539	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	303376	51.103	ug/l	99
28) Bromochloromethane	5.01	49	197315	54.357	ug/l	99
29) Tetrahydrofuran	5.11	42	699463	278.315	ug/l	99
30) Chloroform	5.20	83	484915	54.234	ug/l	99
31) Cyclohexane	5.58	56	546795	65.183	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	387768	50.887	ug/l	99
36) 1,1-Dichloropropene	5.79	75	352478	49.351	ug/l	99
37) Ethyl Acetate	4.82	43	408194	51.754	ug/l	99
38) Carbon Tetrachloride	5.78	117	329680	50.669	ug/l	98

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	580226	65.793	ug/l	96
40) Benzene	6.14	78	2439419	111.004	ug/l	99
41) Methacrylonitrile	5.03	41	237690	54.315	ug/l	97
42) 1,2-Dichloroethane	6.19	62	383365	51.463	ug/l	98
43) Isopropyl Acetate	6.43	43	700078	53.635	ug/l	97
44) Trichloroethene	7.21	130	295088	48.614	ug/l	95
45) 1,2-Dichloropropane	7.51	63	288090	51.146	ug/l	99
46) Dibromomethane	7.65	93	182699	49.059	ug/l	95
47) Bromodichloromethane	7.89	83	362755	51.721	ug/l	98
48) Methyl methacrylate	7.76	41	363414	56.858	ug/l	95
49) 1,4-Dioxane	7.73	88	126478	972.380	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	2204840	268.969	ug/l	99
52) Toluene	8.78	92	1035465	74.546	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	394060	51.240	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	439935	51.348	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	275946	49.567	ug/l	98
56) Ethyl methacrylate	9.17	69	495085	56.613	ug/l	98
57) 1,3-Dichloropropane	9.37	76	478501	51.086	ug/l	99
59) 2-Hexanone	9.49	43	1649016	249.892	ug/l	100
60) Dibromochloromethane	9.57	129	288350	52.107	ug/l	99
61) 1,2-Dibromoethane	9.67	107	293296	51.491	ug/l	99
64) Tetrachloroethene	9.33	164	269713	42.852	ug/l	99
65) Chlorobenzene	10.14	112	742233	49.078	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	272000	50.370	ug/l	99
67) Ethyl Benzene	10.25	91	9799191	376.874	ug/l	91
68) m/p-Xylenes	10.36	106	3558182	355.803	ug/l	96
69) o-Xylene	10.70	106	943920	96.240	ug/l	99
70) Stvrene	10.71	104	852468	51.400	ug/l	91
71) Bromoform	10.85	173	222827	51.334	ug/l #	99
73) Isopropylbenzene	11.01	105	1854063	73.473	ug/l	100
74) N-amyl acetate	10.89	43	608919	51.479	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	447303	51.128	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	492152	63.251	ug/l	88
77) Bromobenzene	11.25	156	332369	47.871	ug/l	99
78) n-propylbenzene	11.35	91	2955750	104.425	ug/l	100
79) 2-Chlorotoluene	11.42	91	878702	51.070	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	1482437	69.803	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	138496	50.239	ug/l	97
82) 4-Chlorotoluene	11.51	91	1034625	51.839	ug/l	96
83) tert-Butylbenzene	11.76	119	1096989	53.078	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	8879566	417.504	ug/l	94
85) sec-Butylbenzene	11.94	105	1423351	58.337	ug/l	95
86) p-Isopropyltoluene	12.06	119	1262942	56.588	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	584803	48.060	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	588513	47.565	ug/l	99
89) n-Butylbenzene	12.39	91	1353181	71.057	ug/l #	85
90) Hexachloroethane	12.59	117	332652	82.981	ug/l	64
91) 1,2-Dichlorobenzene	12.39	146	590153	48.178	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	119919	61.941	ug/l	80
93) 1,2,4-Trichlorobenzene	13.64	180	409732	51.464	ug/l	94

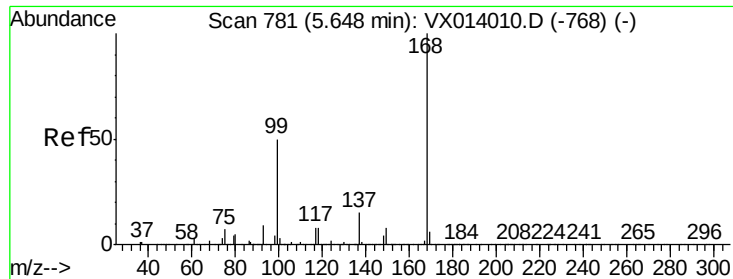
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	190908	49.894	ug/l	98
95) Naphthalene	13.83	128	4073201	174.132	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	417210	53.086	ug/l	96

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX014134.D

Acq: 19 Dec 2019 20:30

Instrument :

MSVOA_X

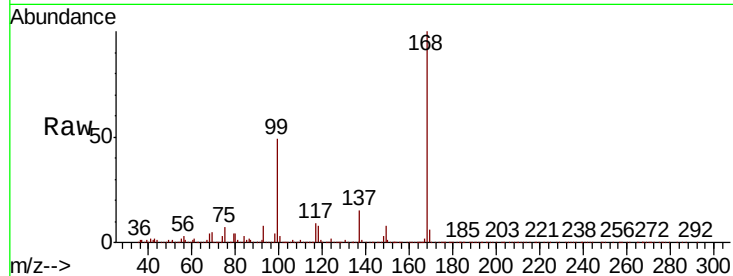
ClientSampleId :

Tot Ion:168 Resp: 495319

Ion Ratio Lower Upper

168 100

99 49.0 40.3 60.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

200000

150000

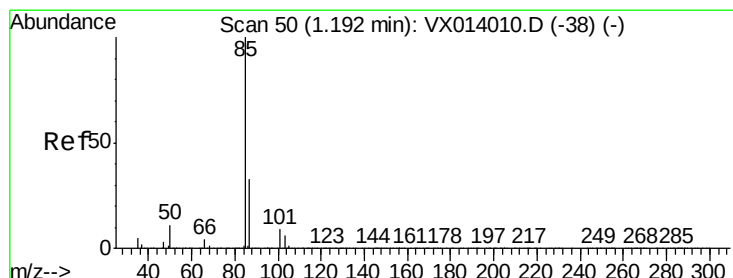
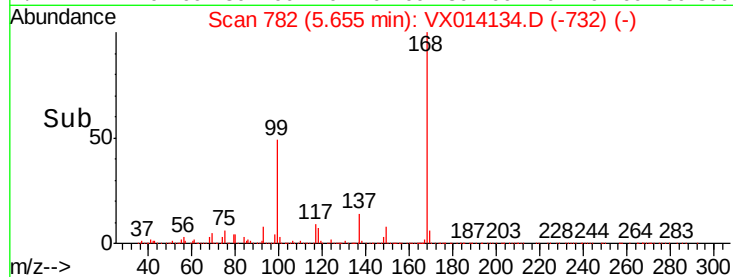
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 48.370 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014134.D

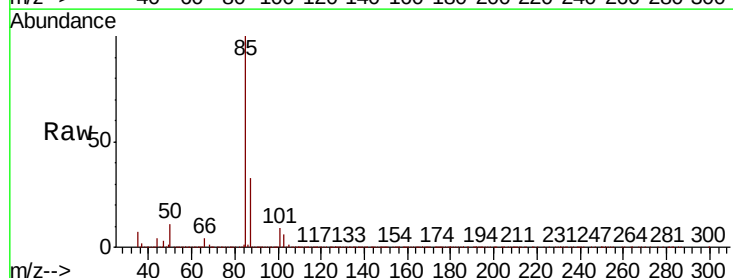
Acq: 19 Dec 2019 20:30

Tgt Ion: 85 Resp: 214339

Ion Ratio Lower Upper

85 100

87 32.7 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

250000

200000

150000

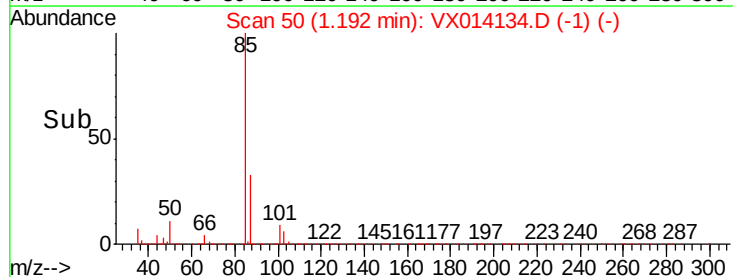
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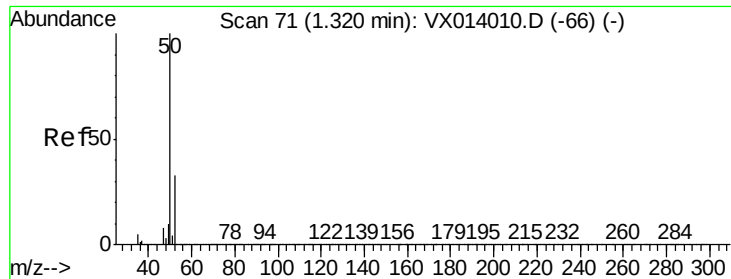
50000

0

Time-->

1.10 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 50.485 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014134.D

Acq: 19 Dec 2019 20:30

Instrument :

MSVOA_X

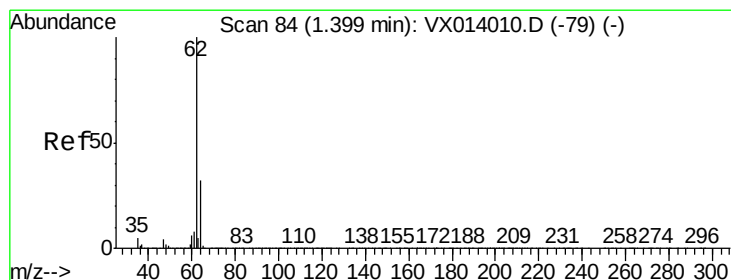
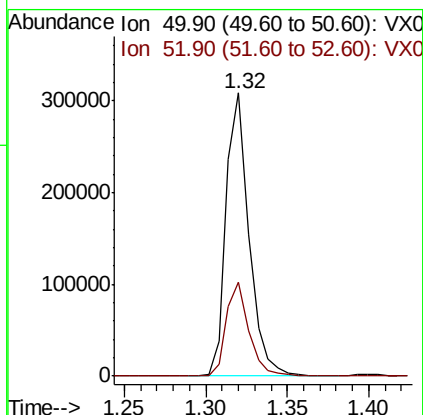
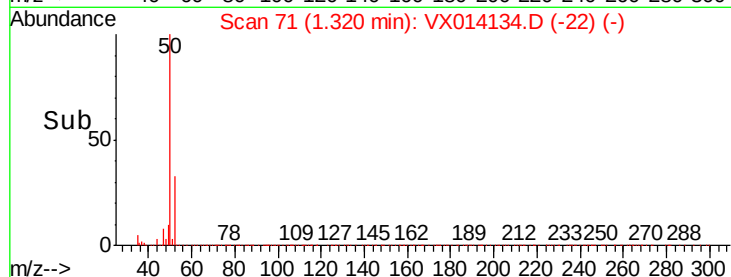
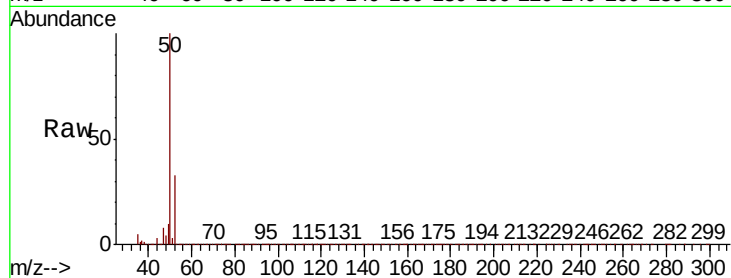
ClientSampleId :

Tot Ion: 50 Resp: 300223

Ion Ratio Lower Upper

50 100

52 33.1 26.2 39.4



#4

Vinyl Chloride

Concen: 50.304 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014134.D

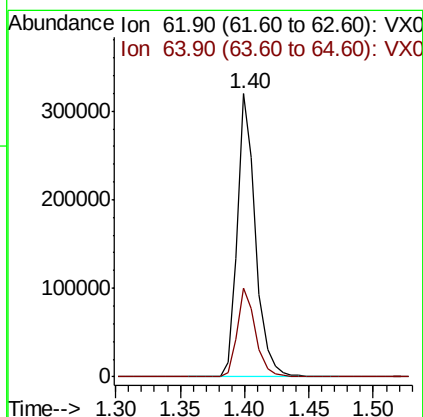
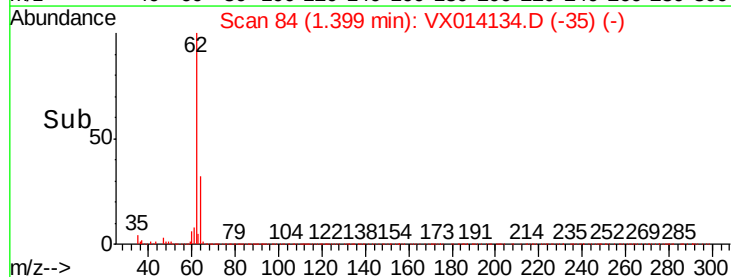
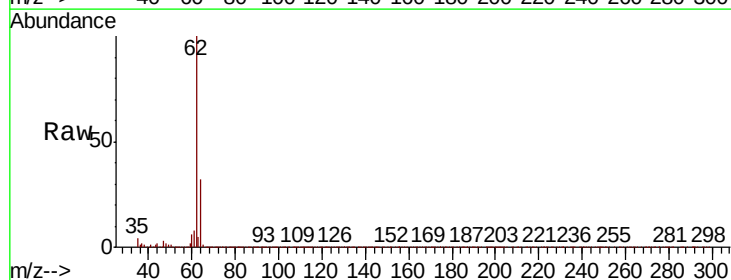
Acq: 19 Dec 2019 20:30

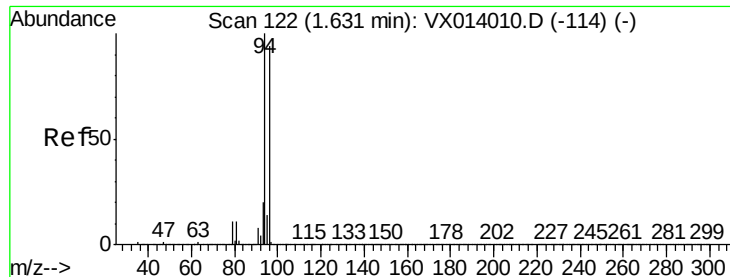
Tgt Ion: 62 Resp: 315657

Ion Ratio Lower Upper

62 100

64 31.5 25.7 38.5





#5

Bromomethane

Concen: 42.937 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014134.D

Acq: 19 Dec 2019 20:30

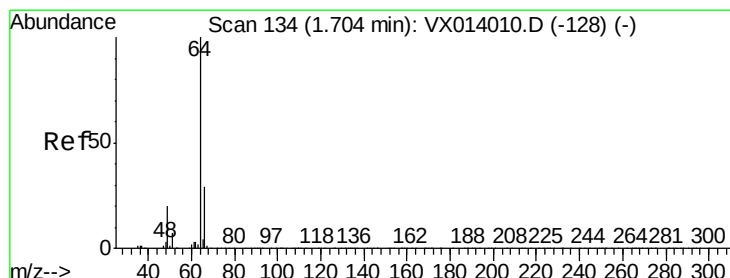
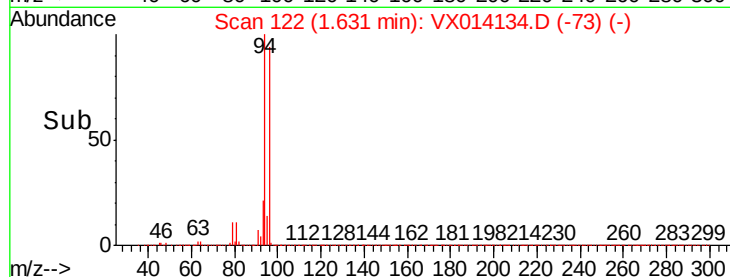
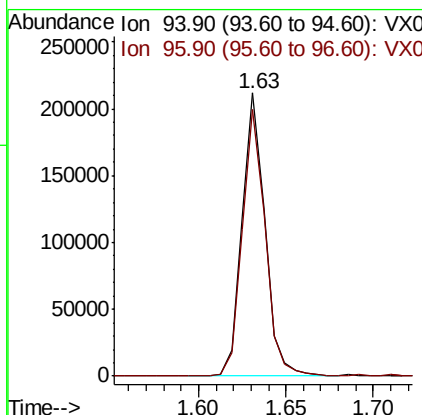
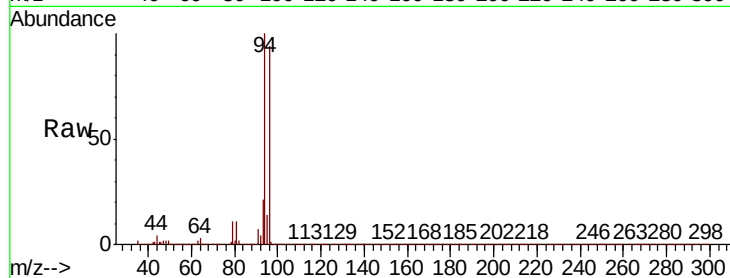
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 94 Resp: 191227

Ion Ratio Lower Upper

94 100

96 94.1 75.2 112.8



#6

Chloroethane

Concen: 51.881 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX014134.D

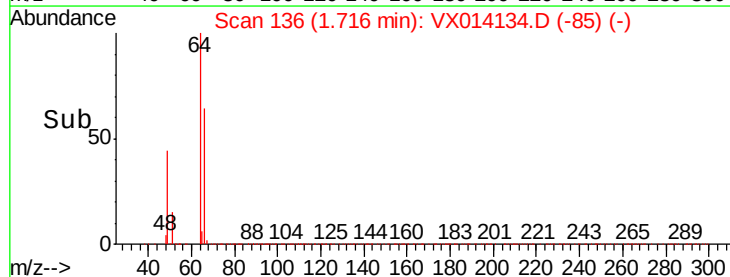
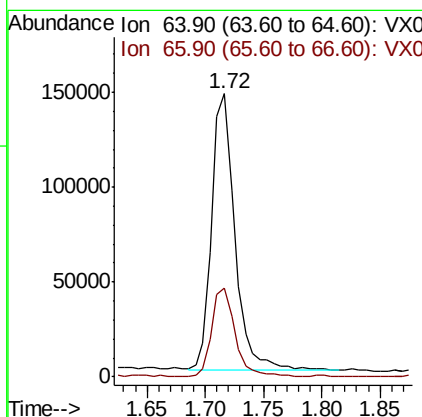
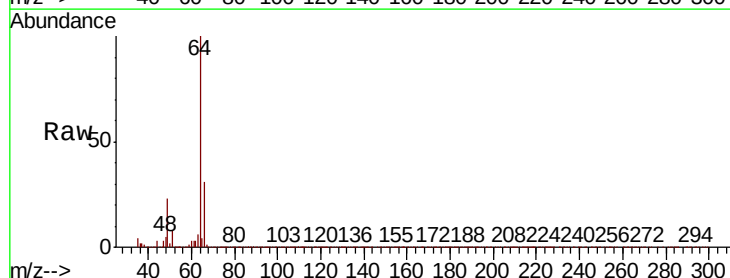
Acq: 19 Dec 2019 20:30

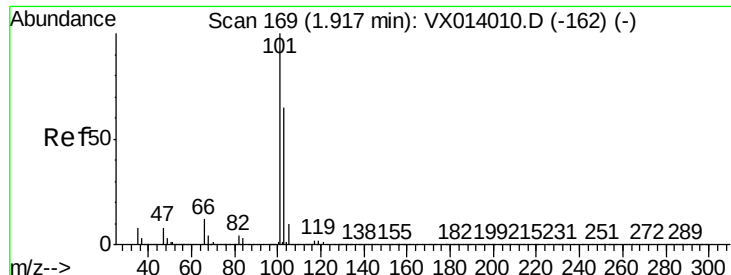
Tgt Ion: 64 Resp: 200925

Ion Ratio Lower Upper

64 100

66 31.7 23.4 35.2



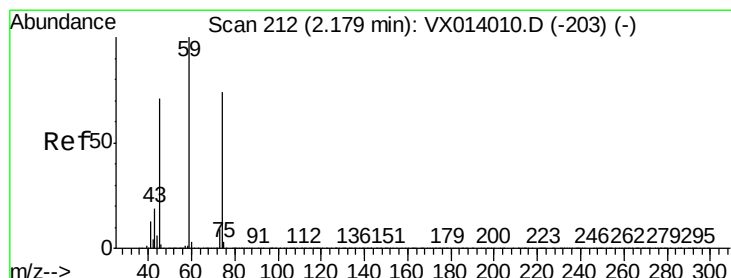
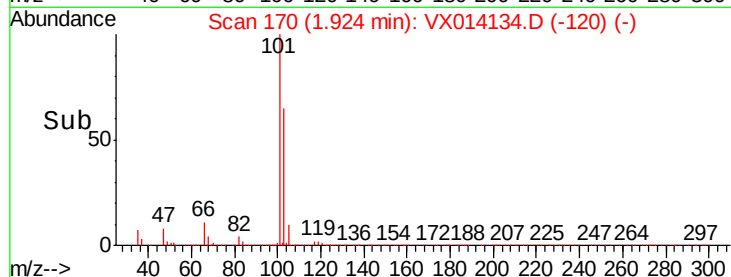
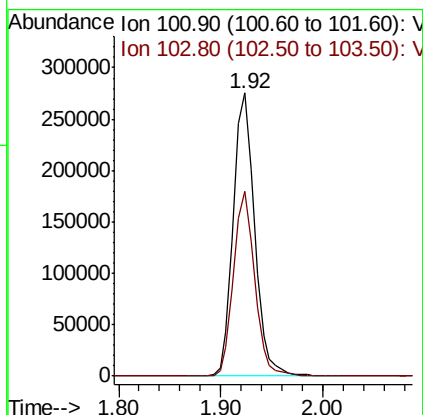
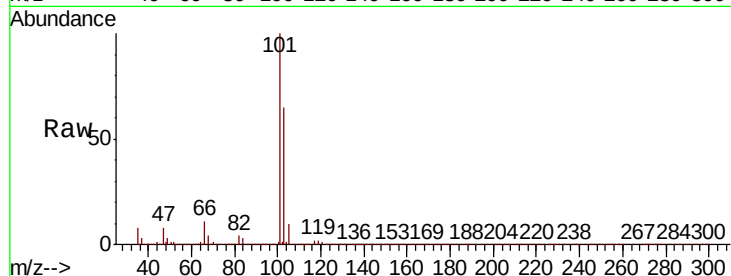


#7

Trichlorofluoromethane
Concen: 51.199 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX014134.D
Acq: 19 Dec 2019 20:30

Instrument :
MSVOA_X
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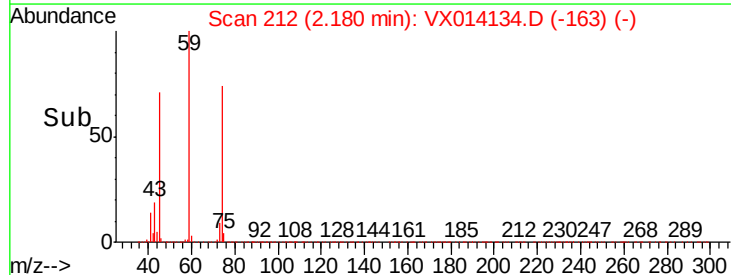
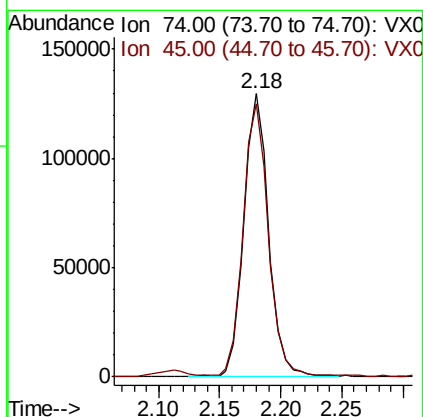
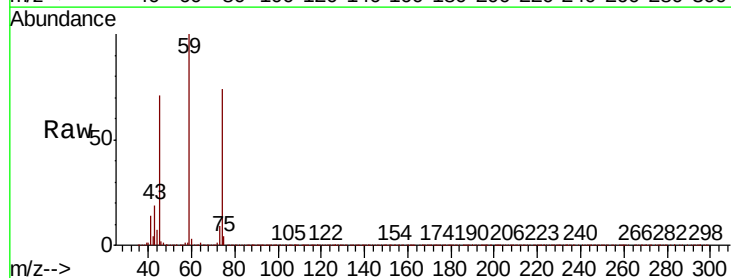
Tot Ion:101 Resp: 397702
Ion Ratio Lower Upper
101 100
103 65.4 52.2 78.4

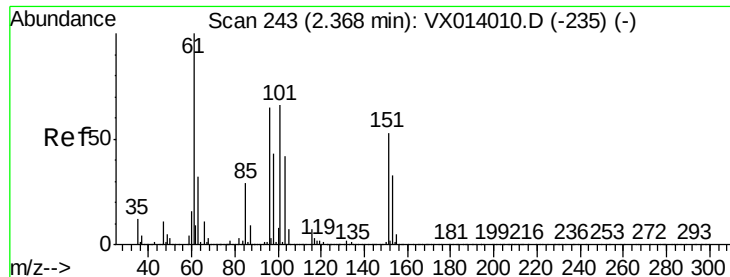


#8

Diethyl Ether
Concen: 49.628 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014134.D
Acq: 19 Dec 2019 20:30

Tgt Ion: 74 Resp: 180924
Ion Ratio Lower Upper
74 100
45 98.1 48.1 144.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.171 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX014134.D

Acq: 19 Dec 2019 20:30

Instrument :

MSVOA_X

ClientSampleId :

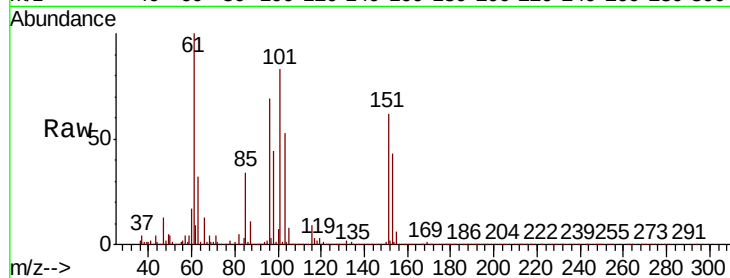
Tot Ion:101 Resp: 234924

Ion Ratio Lower Upper

101 100

85 42.8 33.7 50.5

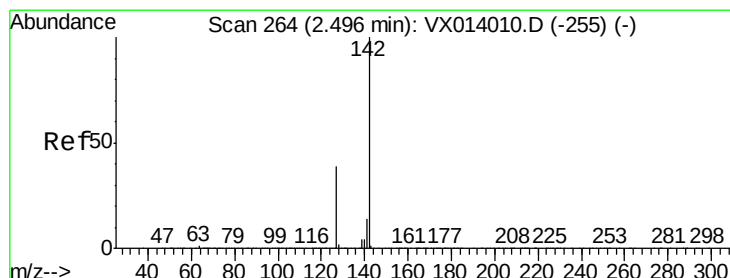
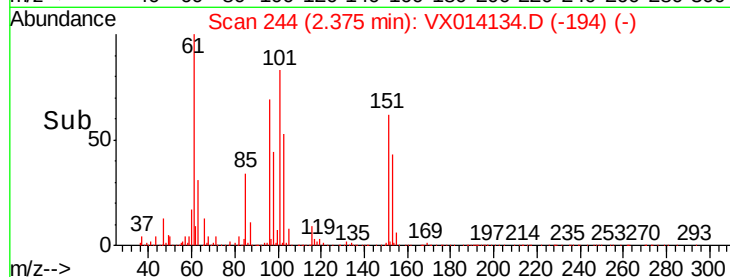
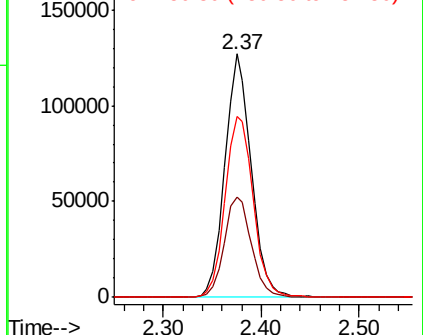
151 80.1 64.5 96.7



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: 52.045 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.01 min

Lab File: VX014134.D

Acq: 19 Dec 2019 20:30

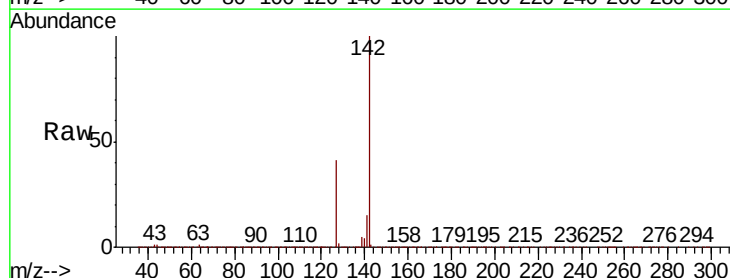
Tgt Ion:142 Resp: 322080

Ion Ratio Lower Upper

142 100

127 40.1 31.6 47.4

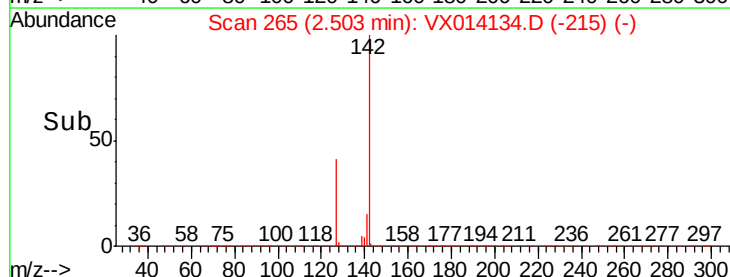
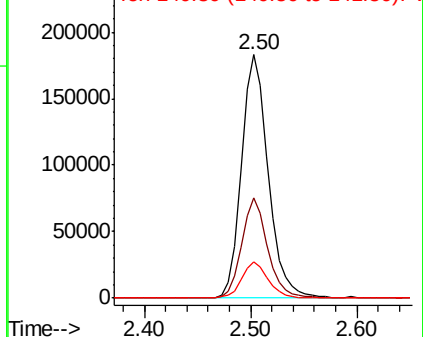
141 14.9 11.6 17.4

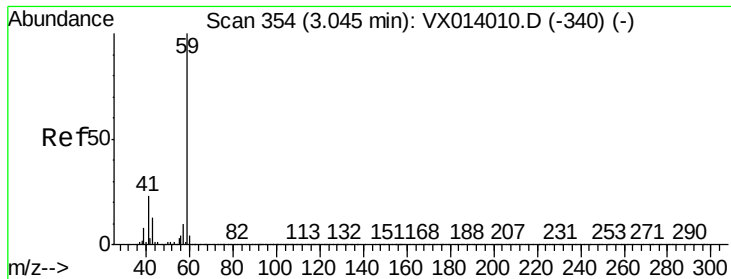


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



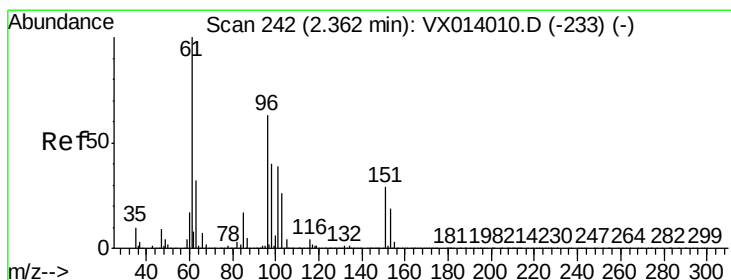
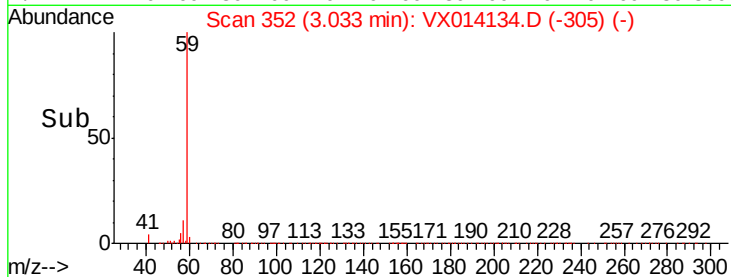
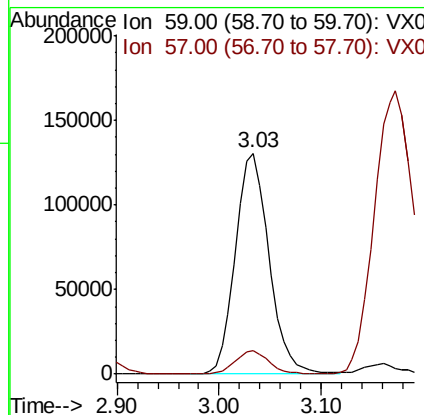
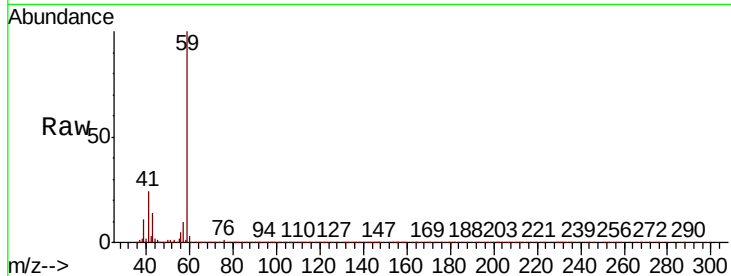


#11

Tert butyl alcohol
 Concen: 245.922 ug/l
 RT: 3.03 min Scan# 352
 Delta R.T. -0.01 min
 Lab File: VX014134.D
 Acq: 19 Dec 2019 20:30

Instrument :
 MSVOA_X
 ClientSampleId :

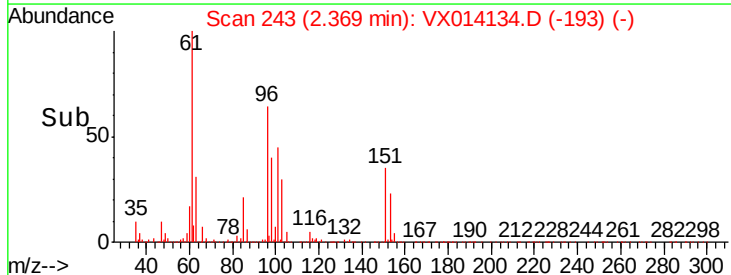
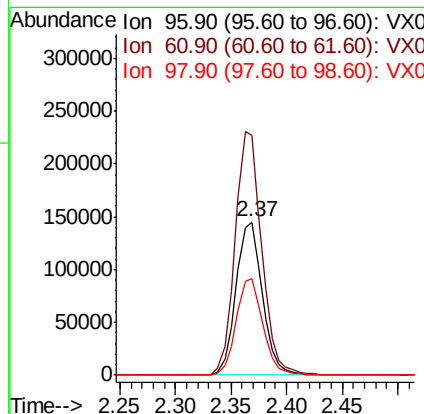
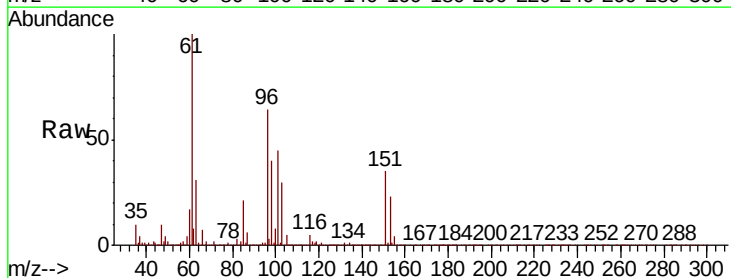
Tot Ion: 59 Resp: 298304
 Ion Ratio Lower Upper
 59 100
 57 10.2 8.4 12.6

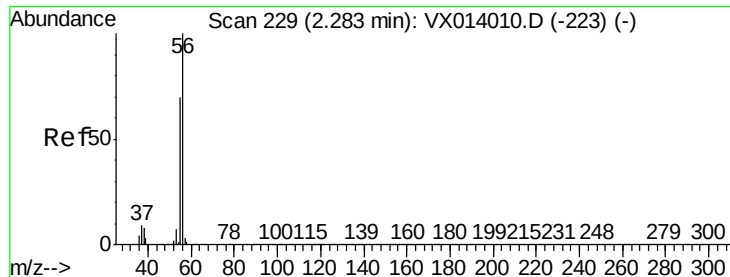


#12

1,1-Dichloroethene
 Concen: 50.060 ug/l
 RT: 2.37 min Scan# 243
 Delta R.T. 0.01 min
 Lab File: VX014134.D
 Acq: 19 Dec 2019 20:30

Tgt Ion: 96 Resp: 238517
 Ion Ratio Lower Upper
 96 100
 61 156.5 127.9 191.9
 98 62.9 50.5 75.7





#13

Acrolein

Concen: 306.539 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX014134.D

Acq: 19 Dec 2019 20:30

Instrument :

MSVOA_X

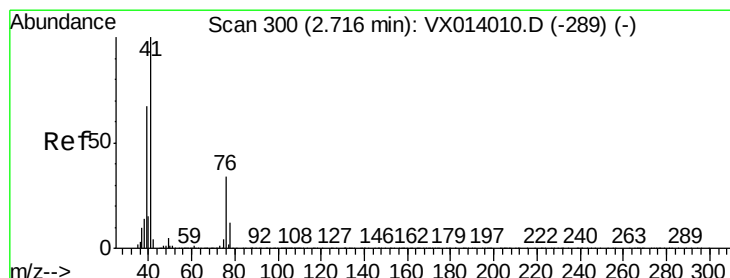
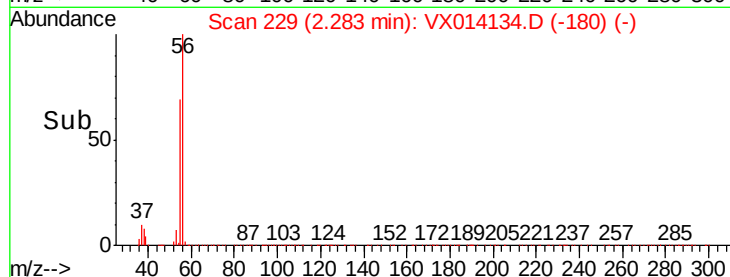
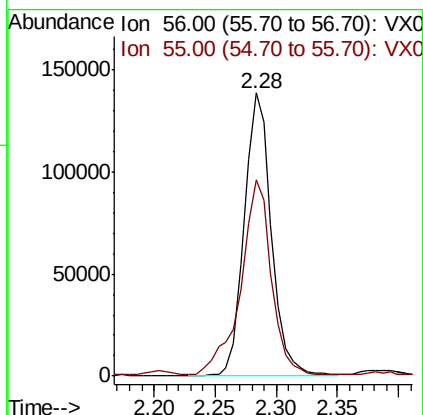
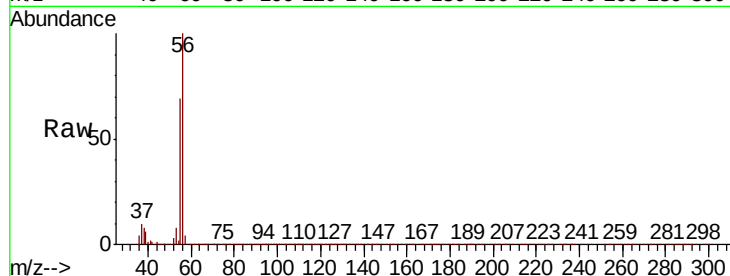
ClientSampleId :

Tot Ion: 56 Resp: 212849

Ion Ratio Lower Upper

56 100

55 78.1 56.9 85.3



#14

Allyl chloride

Concen: 51.771 ug/l

RT: 2.72 min Scan# 301

Delta R.T. 0.01 min

Lab File: VX014134.D

Acq: 19 Dec 2019 20:30

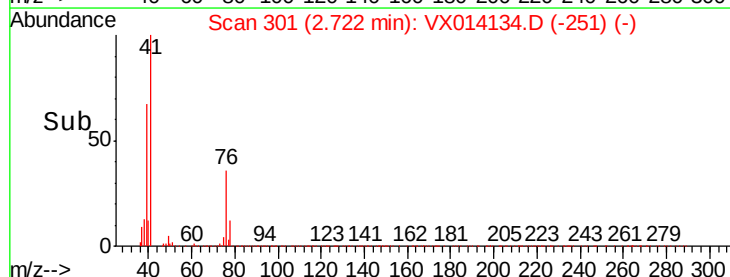
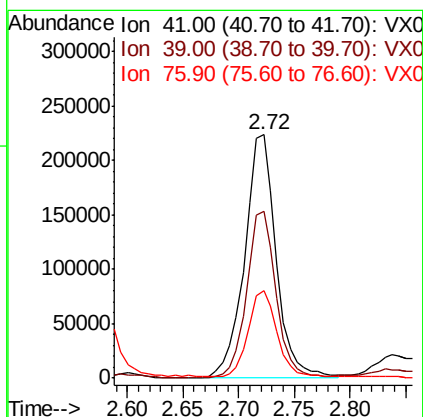
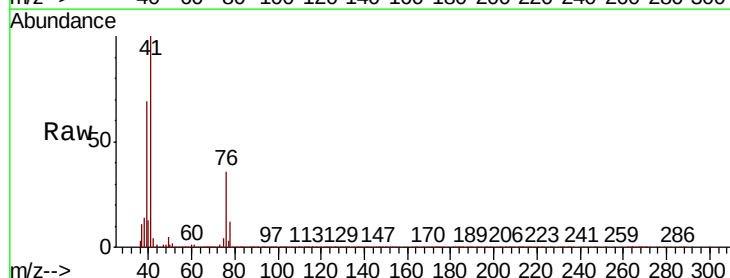
Tgt Ion: 41 Resp: 440428

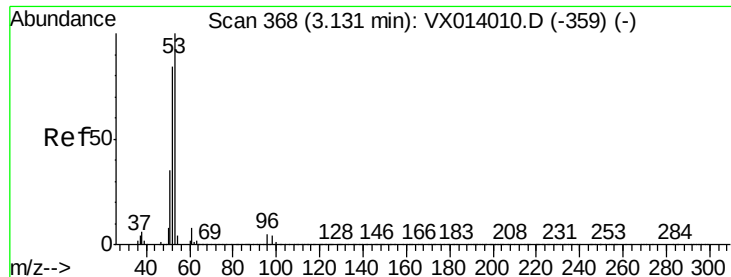
Ion Ratio Lower Upper

41 100

39 63.3 51.8 77.8

76 33.9 25.9 38.9





#15

Acrylonitrile

Concen: 277.961 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX014134.D

Acq: 19 Dec 2019 20:30

Instrument :

MSVOA_X

ClientSampled :

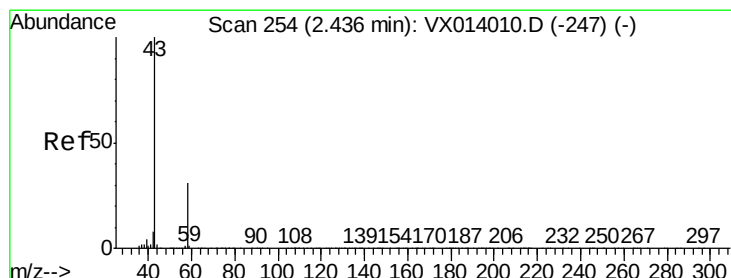
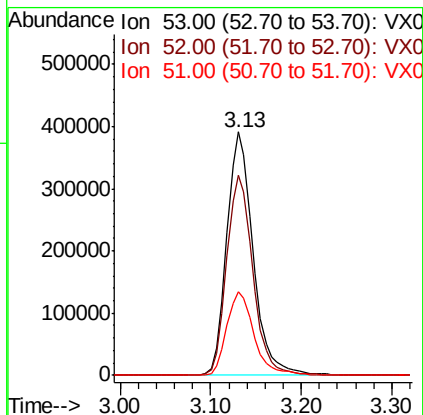
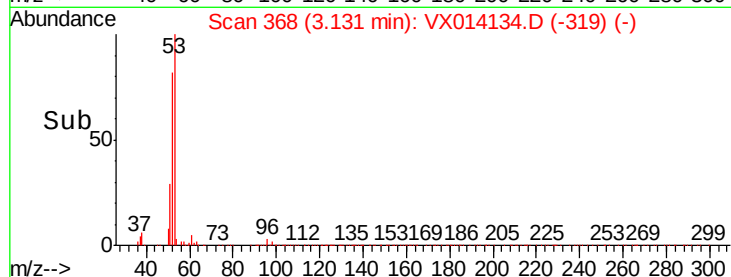
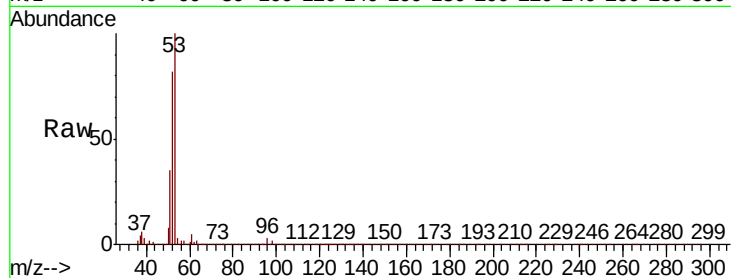
Tot Ion: 53 Resp: 786974

Ion Ratio Lower Upper

53 100

52 82.1 66.5 99.7

51 35.8 28.1 42.1



#16

Acetone

Concen: 177.299 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX014134.D

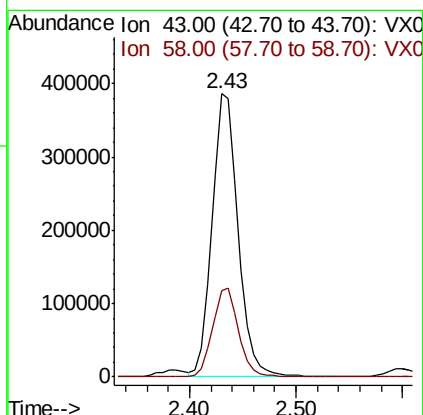
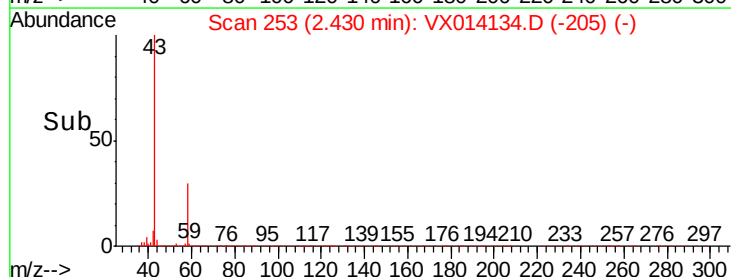
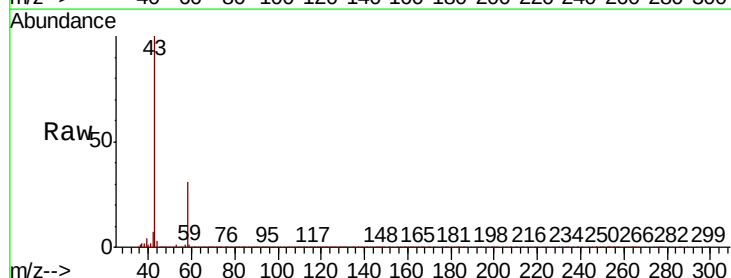
Acq: 19 Dec 2019 20:30

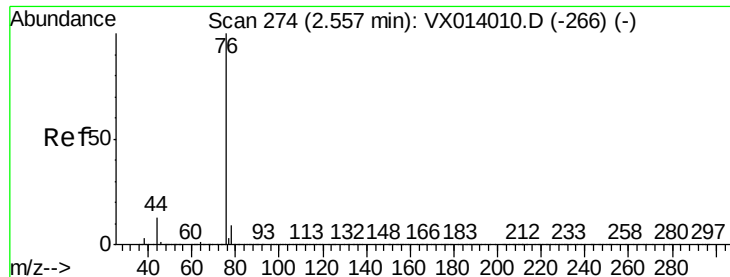
Tgt Ion: 43 Resp: 646170

Ion Ratio Lower Upper

43 100

58 30.5 24.9 37.3





#17

Carbon Disulfide

Concen: 48.883 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX014134.D

Acq: 19 Dec 2019 20:30

Instrument :

MSVOA_X

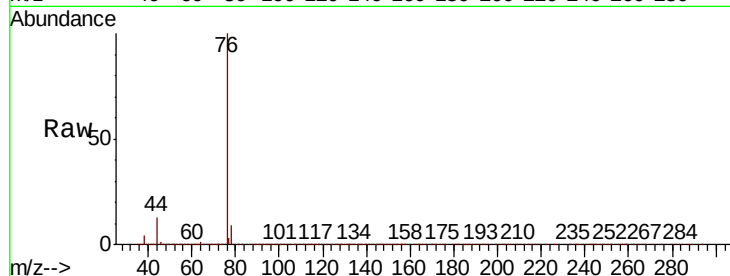
ClientSampleId :

Tot Ion: 76 Resp: 646371

Ion Ratio Lower Upper

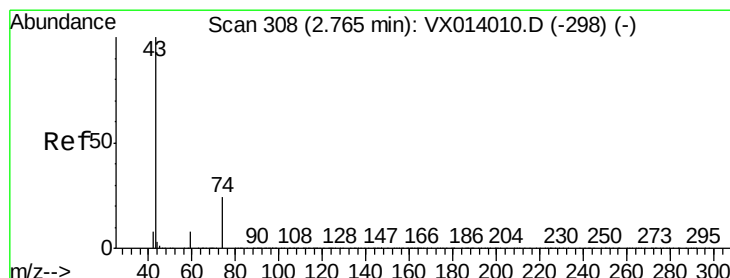
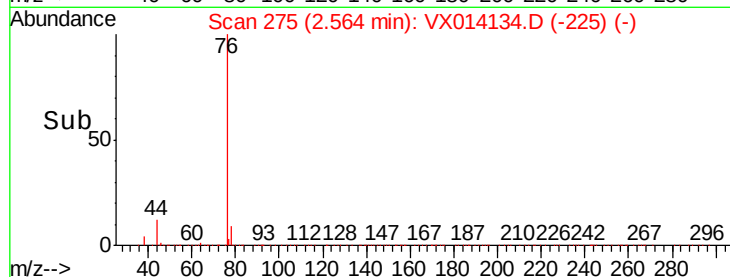
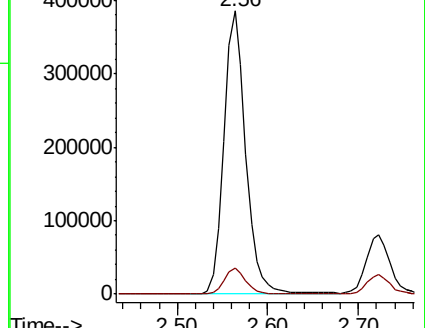
76 100

78 9.3 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 52.028 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.00 min

Lab File: VX014134.D

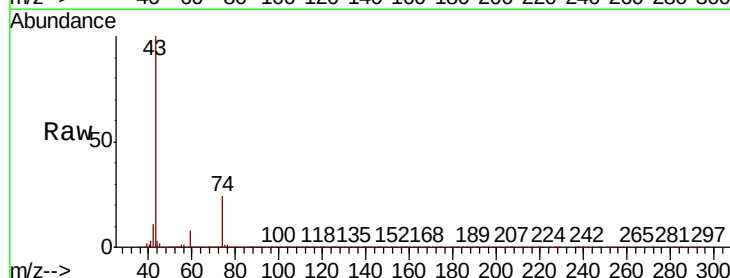
Acq: 19 Dec 2019 20:30

Tgt Ion: 43 Resp: 375737

Ion Ratio Lower Upper

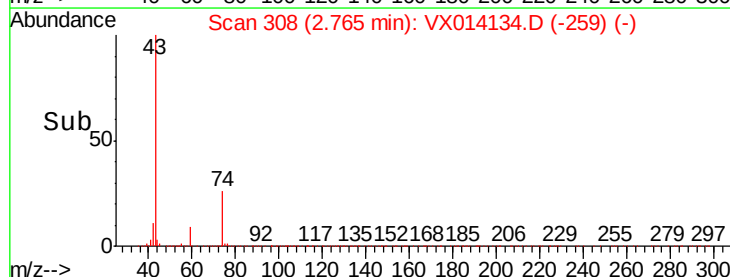
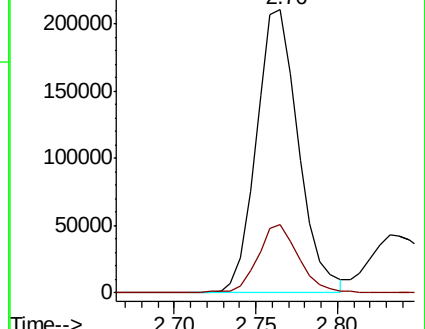
43 100

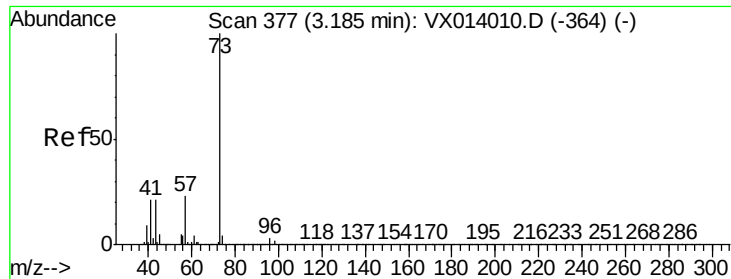
74 24.0 19.5 29.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

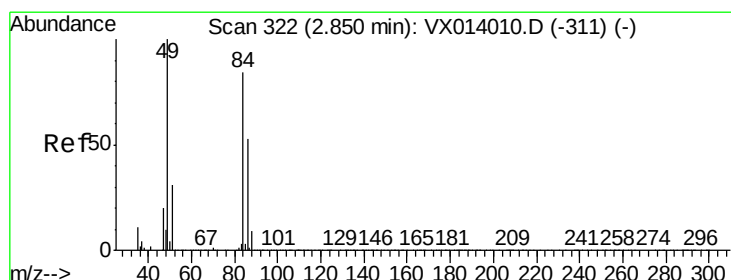
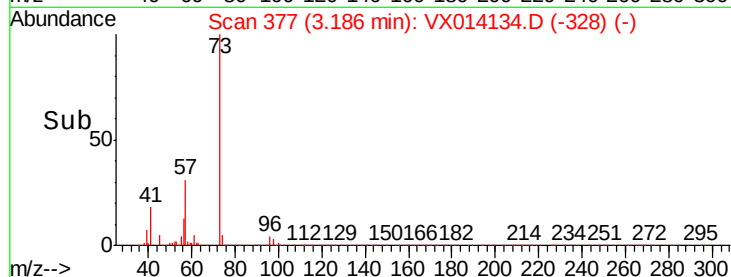
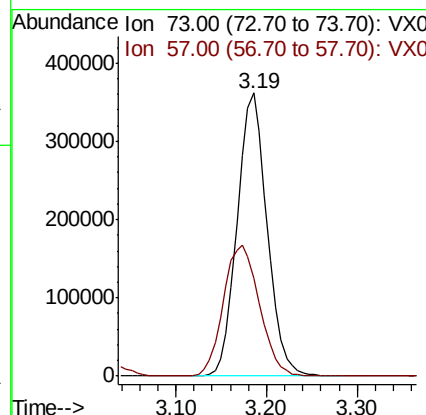
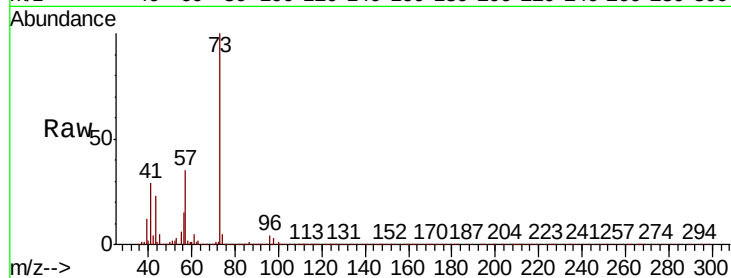




#19
Methyl tert-butyl Ether
Concen: 52.781 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.00 min
Lab File: VX014134.D
Acq: 19 Dec 2019 20:30

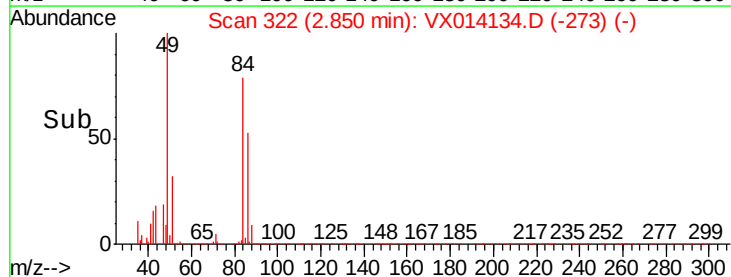
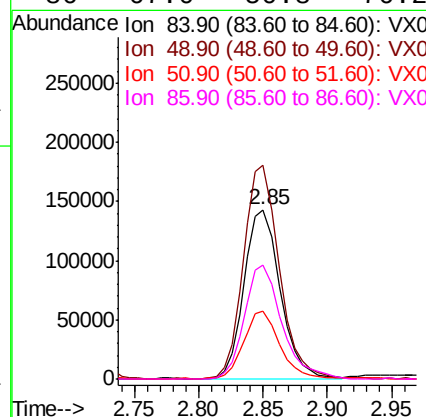
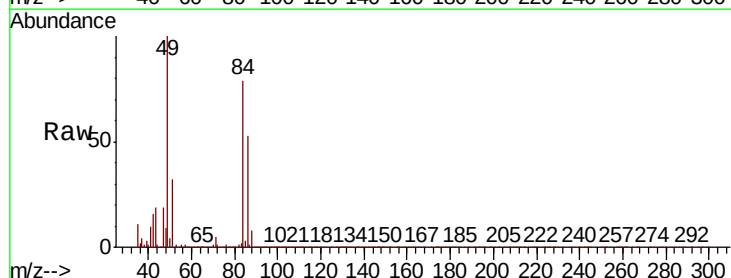
Instrument :
MSVOA_X
ClientSampleId :

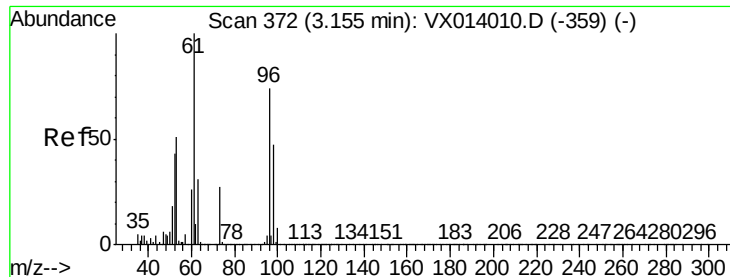
Tot Ion: 73 Resp: 826389
Ion Ratio Lower Upper
73 100
57 34.6 18.8 28.2#



#20
Methylene Chloride
Concen: 48.321 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX014134.D
Acq: 19 Dec 2019 20:30

Tgt Ion: 84 Resp: 277321
Ion Ratio Lower Upper
84 100
49 126.1 95.8 143.6
51 39.9 29.8 44.8
86 67.0 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 49.304 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX014134.D

Acq: 19 Dec 2019 20:30

Instrument :
MSVOA_X
ClientSampleId :

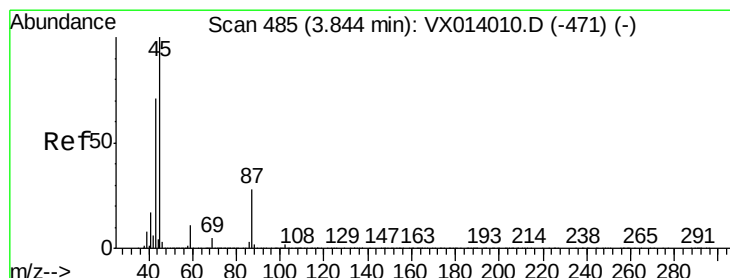
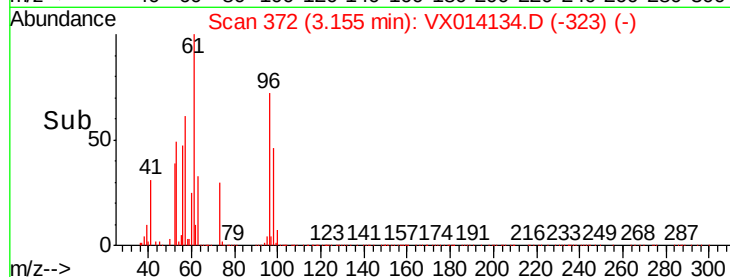
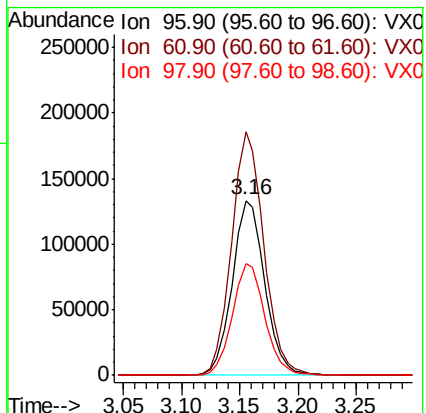
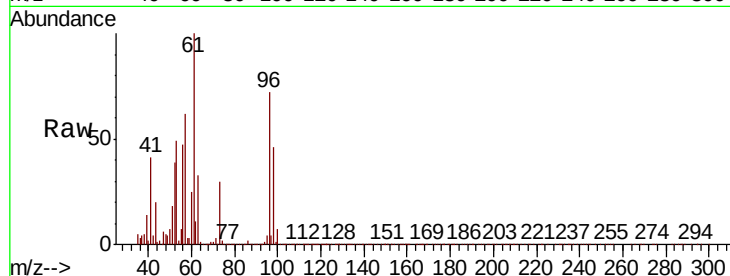
Tot Ion: 96 Resp: 258803

Ion Ratio Lower Upper

96 100

61 139.1 108.3 162.5

98 63.7 50.8 76.2



#22

Diisopropyl ether

Concen: 53.089 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX014134.D

Acq: 19 Dec 2019 20:30

Tgt Ion: 45 Resp: 899997

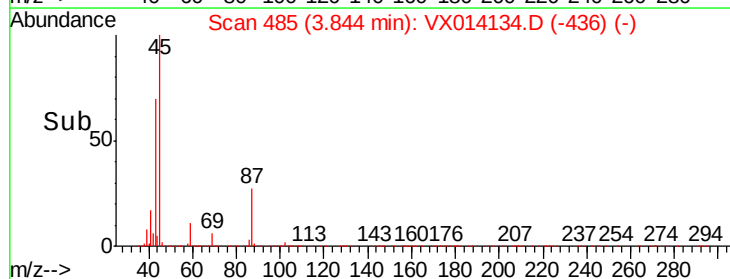
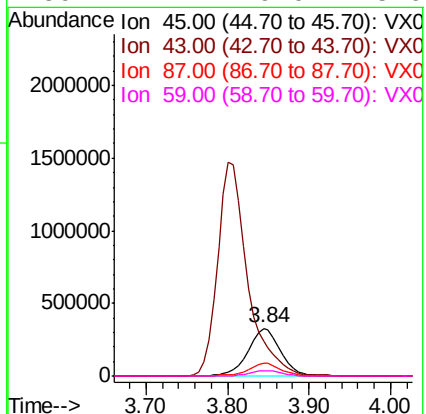
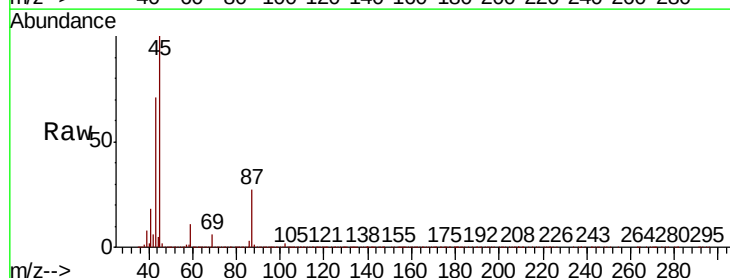
Ion Ratio Lower Upper

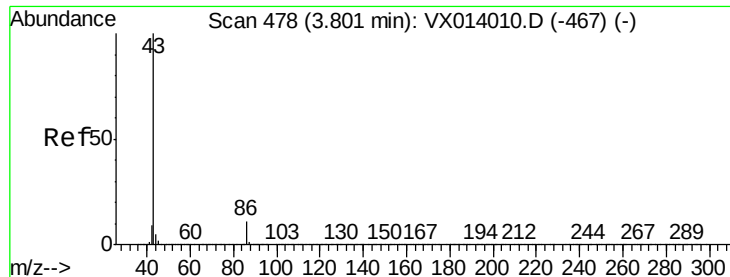
45 100

43 70.6 57.4 86.0

87 26.8 21.9 32.9

59 11.4 9.0 13.6





#23

Vinyl Acetate

Concen: 272.681 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014134.D

Acq: 19 Dec 2019 20:30

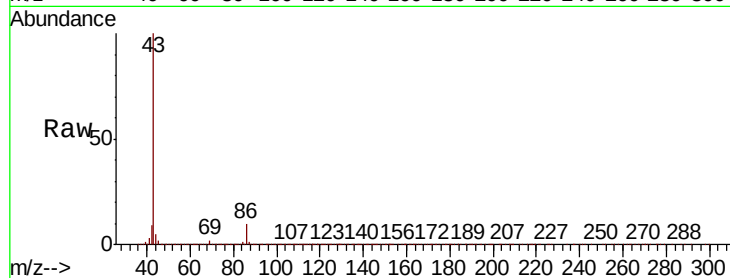
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 3772355

Ion Ratio Lower Upper

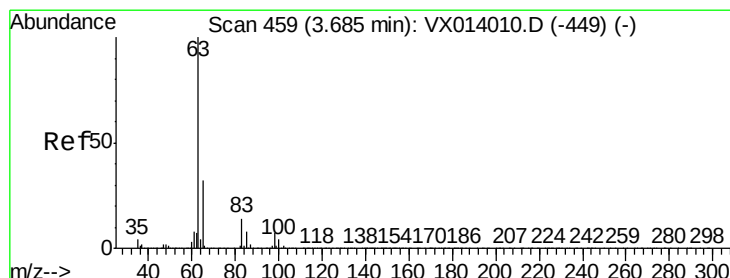
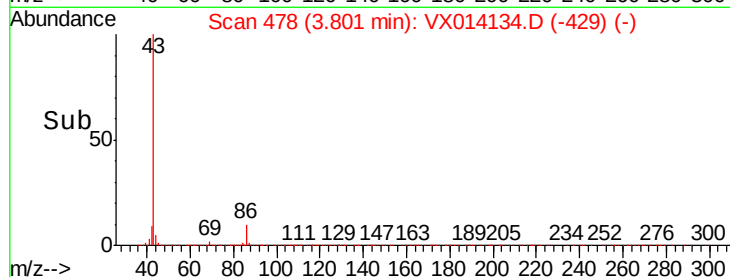
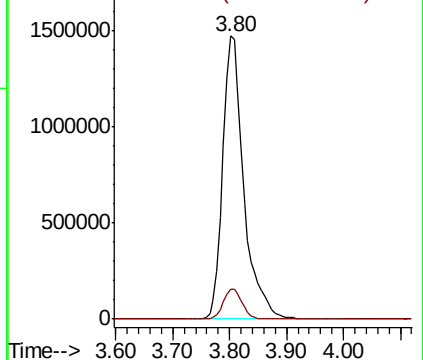
43 100

86 10.5 8.6 12.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 51.496 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX014134.D

Acq: 19 Dec 2019 20:30

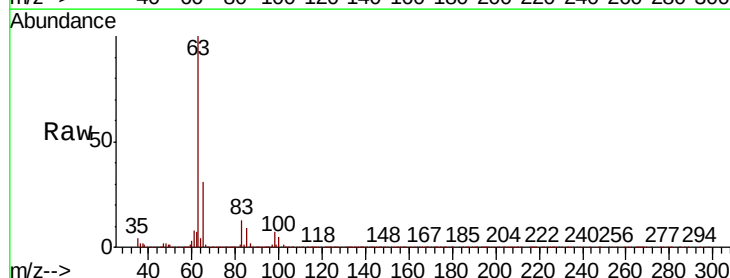
Tgt Ion: 63 Resp: 485701

Ion Ratio Lower Upper

63 100

98 7.1 3.6 10.8

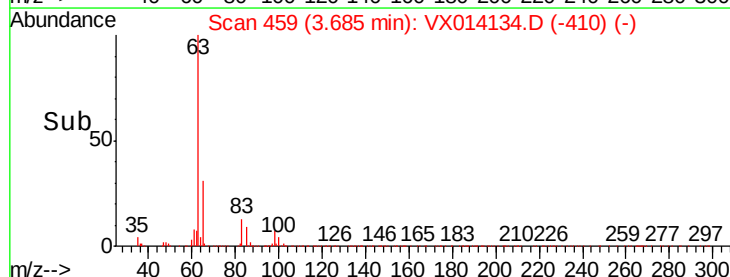
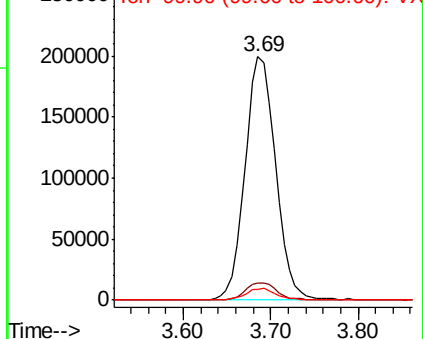
100 4.4 2.3 6.8

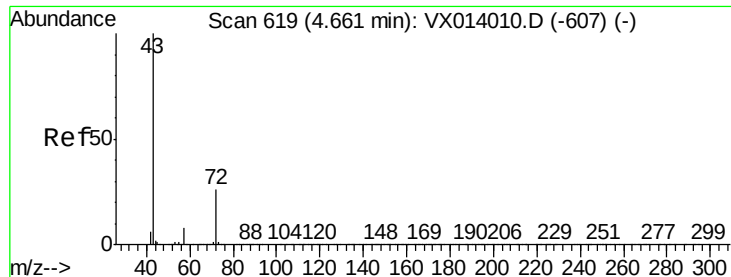


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

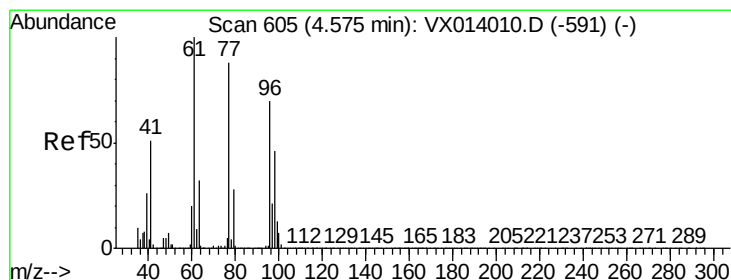
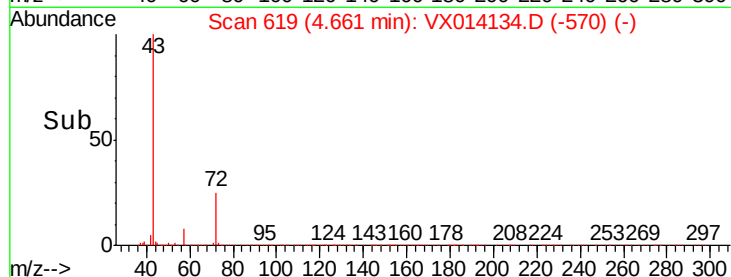
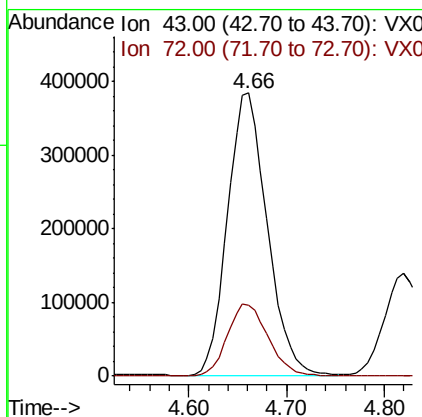
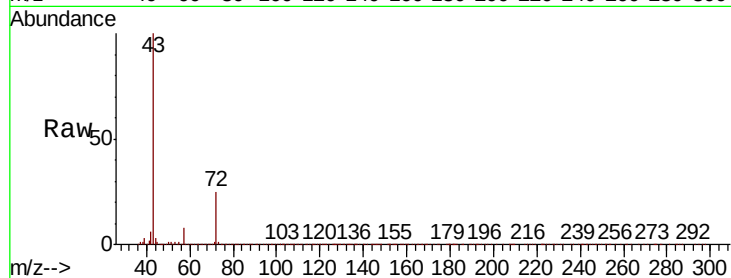




#25
2-Butanone
Concen: 239.533 ug/l
RT: 4.66 min Scan# 619
Delta R.T. 0.00 min
Lab File: VX014134.D
Acq: 19 Dec 2019 20:30

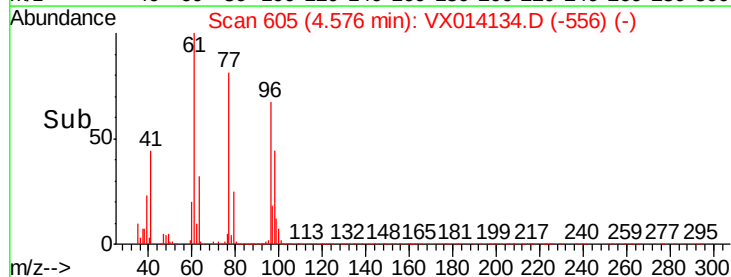
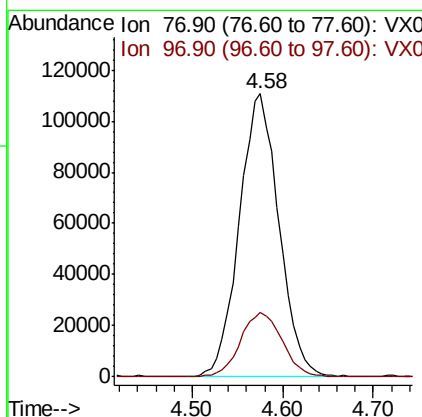
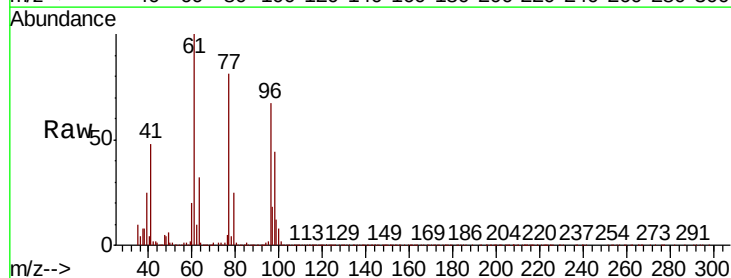
Instrument :
MSVOA_X
ClientSampleId :

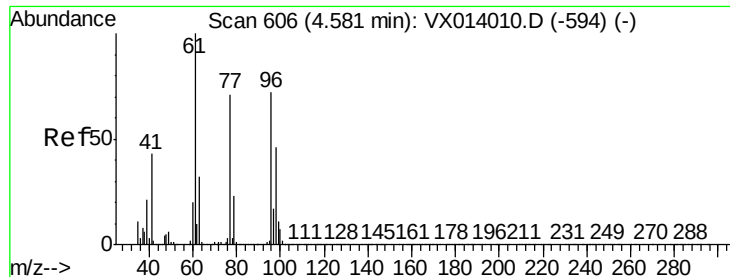
Tot Ion: 43 Resp: 1076287
Ion Ratio Lower Upper
43 100
72 25.2 21.0 31.4



#26
2,2-Dichloropropane
Concen: 45.539 ug/l
RT: 4.58 min Scan# 605
Delta R.T. 0.00 min
Lab File: VX014134.D
Acq: 19 Dec 2019 20:30

Tgt Ion: 77 Resp: 333477
Ion Ratio Lower Upper
77 100
97 24.3 11.9 35.9



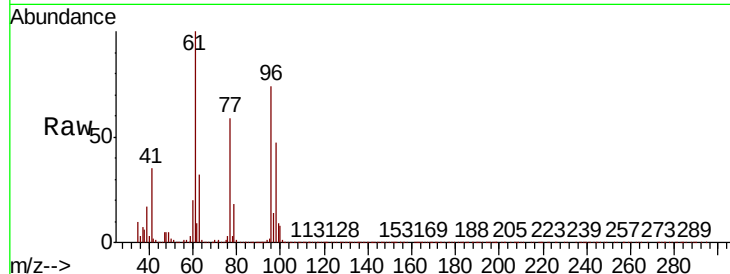


#27

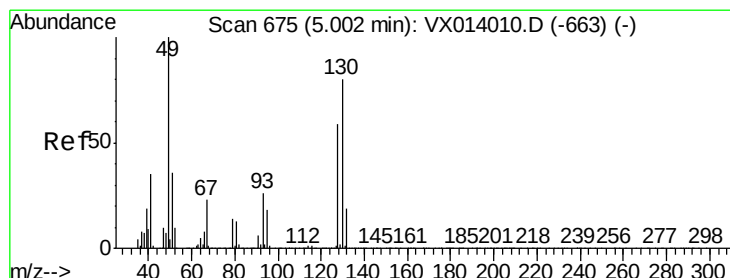
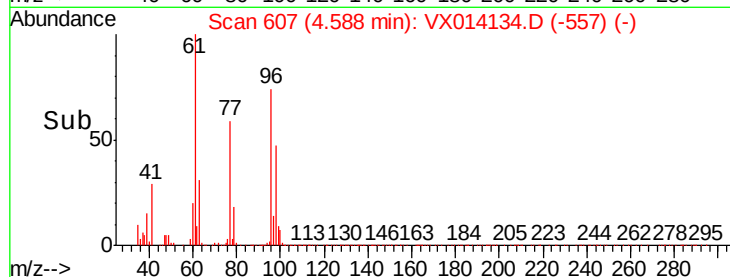
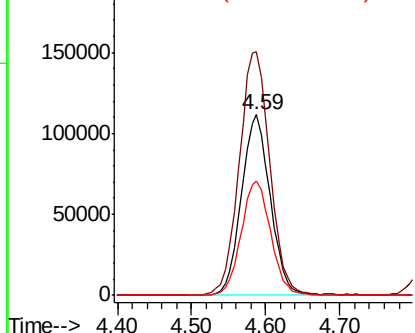
cis-1,2-Dichloroethene
Concen: 51.103 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX014134.D
Acq: 19 Dec 2019 20:30

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
96	100		
61	142.4	0.0	288.4
98	64.6	0.0	129.6



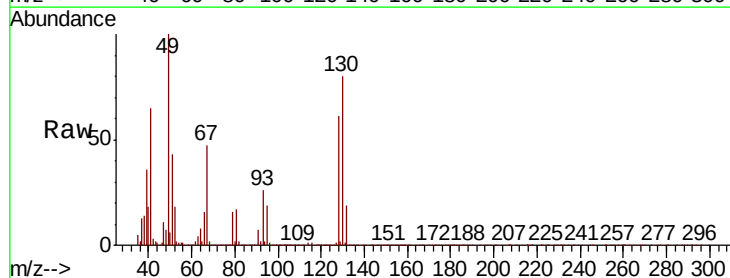
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



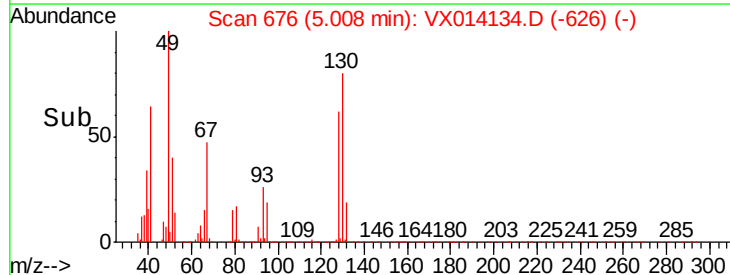
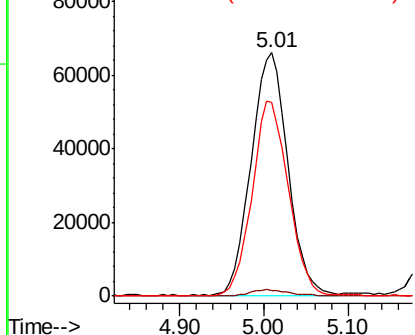
#28

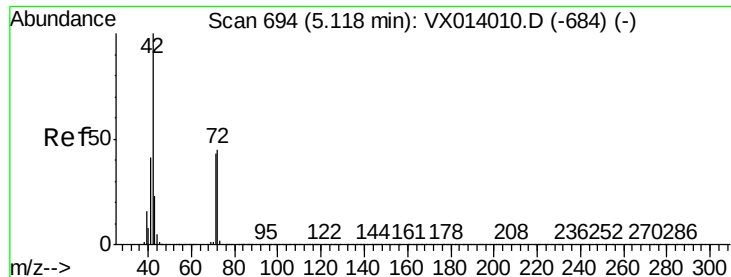
Bromochloromethane
Concen: 54.357 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.01 min
Lab File: VX014134.D
Acq: 19 Dec 2019 20:30

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.9	0.0	5.0
130	80.2	64.6	97.0



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: 278.315 ug/l

RT: 5.11 min Scan# 693

Delta R.T. -0.01 min

Lab File: VX014134.D

Acq: 19 Dec 2019 20:30

Instrument :

MSVOA_X

ClientSampleId :

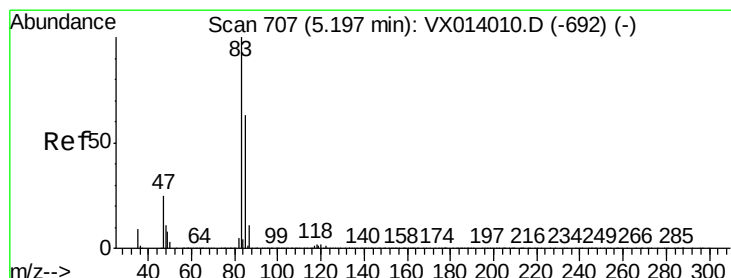
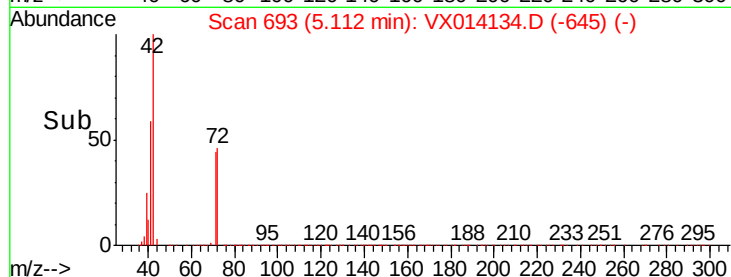
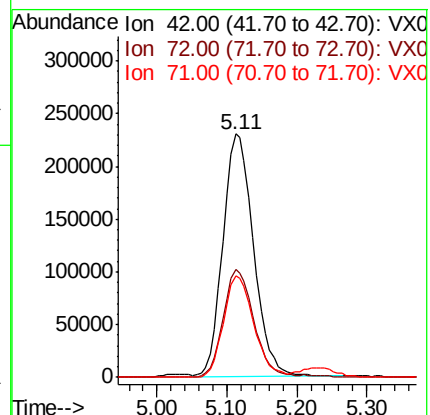
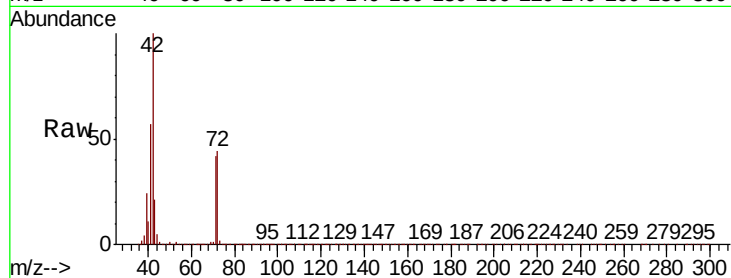
Tot Ion: 42 Resp: 699463

Ion Ratio Lower Upper

42 100

72 45.2 35.8 53.8

71 41.3 33.6 50.4



#30

Chloroform

Concen: 54.234 ug/l

RT: 5.20 min Scan# 707

Delta R.T. 0.00 min

Lab File: VX014134.D

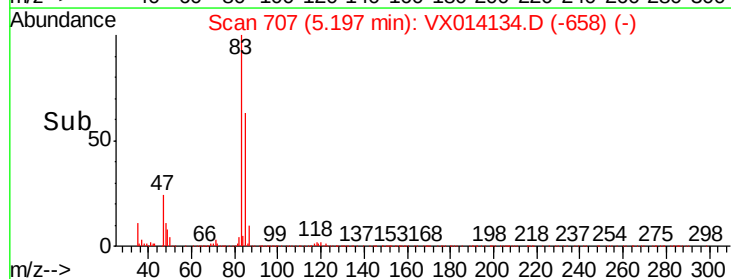
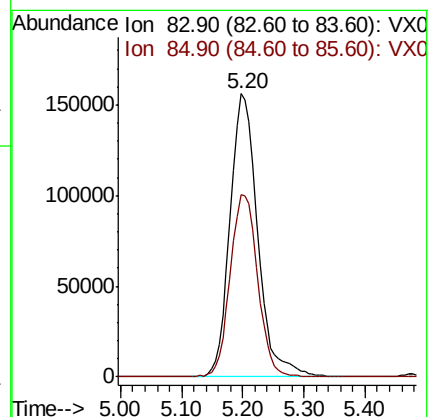
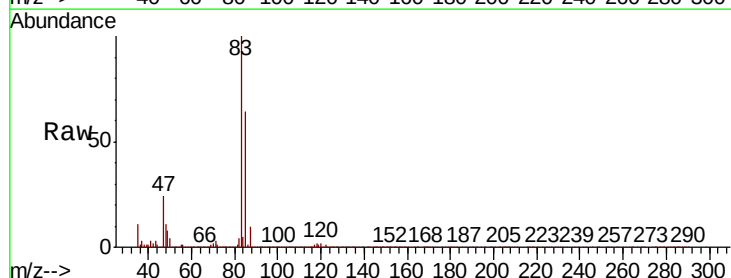
Acq: 19 Dec 2019 20:30

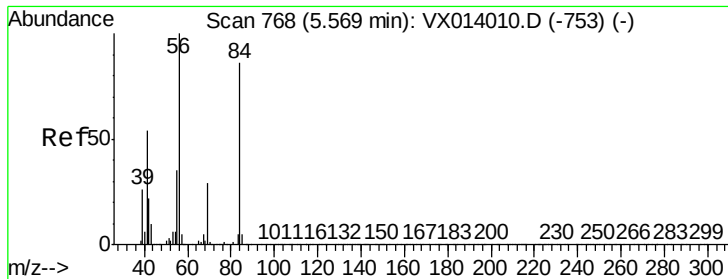
Tgt Ion: 83 Resp: 484915

Ion Ratio Lower Upper

83 100

85 64.3 50.8 76.2

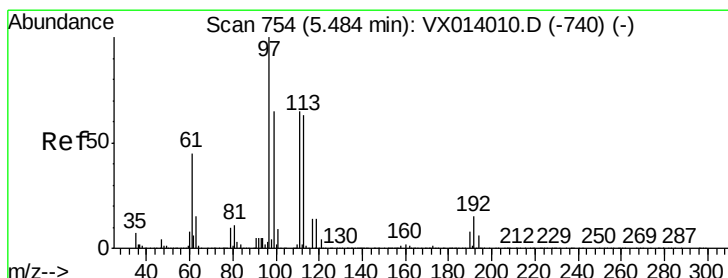
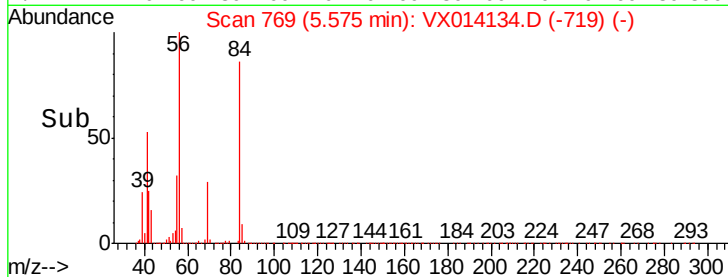
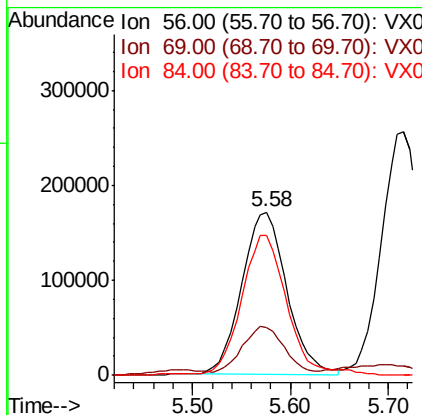
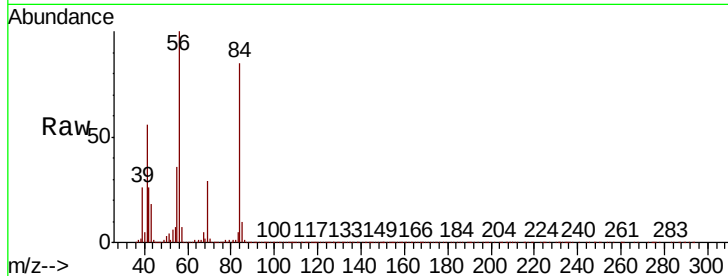




#31
Cyclohexane
Concen: 65.183 ug/l
RT: 5.58 min Scan# 769
Delta R.T. 0.01 min
Lab File: VX014134.D
Acq: 19 Dec 2019 20:30

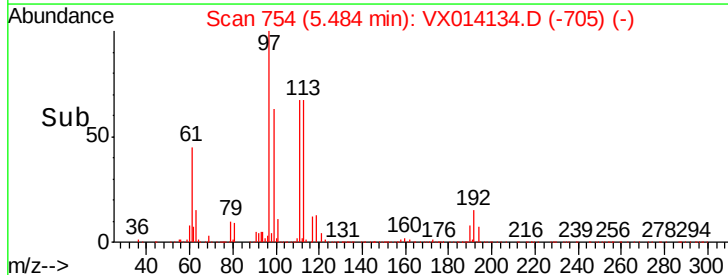
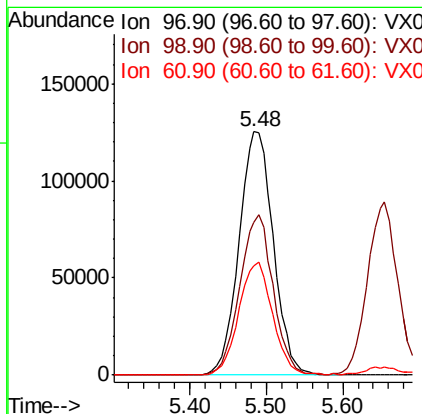
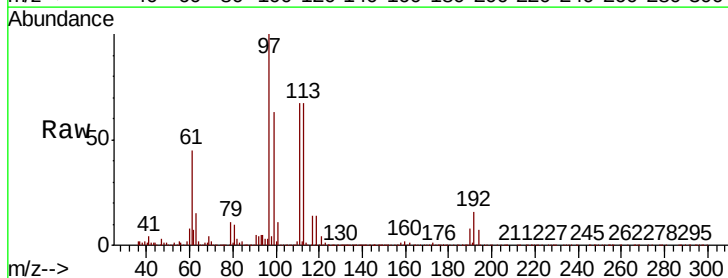
Instrument :
MSVOA_X
ClientSampleId :

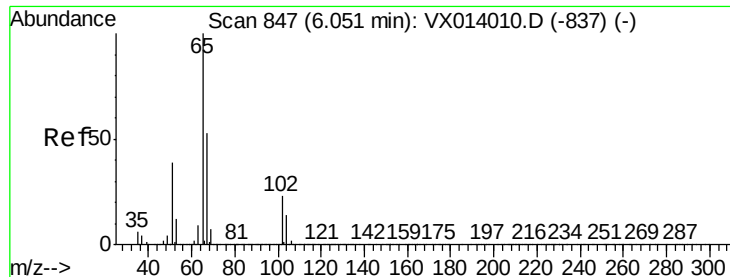
Tot Ion: 56 Resp: 546795
Ion Ratio Lower Upper
56 100
69 26.2 23.2 34.8
84 85.0 69.2 103.8



#32
1,1,1-Trichloroethane
Concen: 50.887 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX014134.D
Acq: 19 Dec 2019 20:30

Tgt Ion: 97 Resp: 387768
Ion Ratio Lower Upper
97 100
99 64.1 52.0 78.0
61 46.2 36.7 55.1





#33

1,2-Dichloroethane-d4

Concen: 51.263 ug/l

RT: 6.06 min Scan# 848

Delta R.T. 0.01 min

Lab File: VX014134.D

Acq: 19 Dec 2019 20:30

Instrument :

MSVOA_X

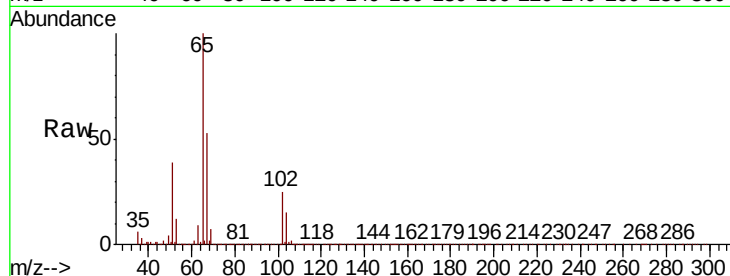
ClientSampleId :

Tot Ion: 65 Resp: 287779

Ion Ratio Lower Upper

65 100

67 53.8 0.0 106.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

120000

100000

80000

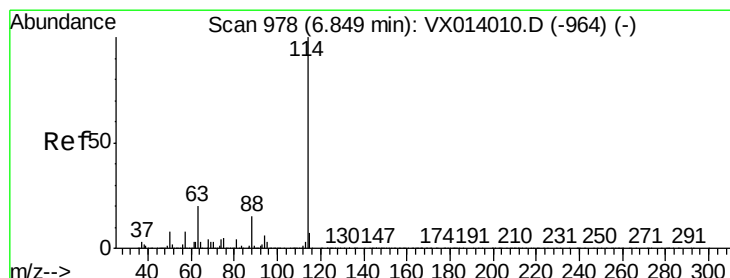
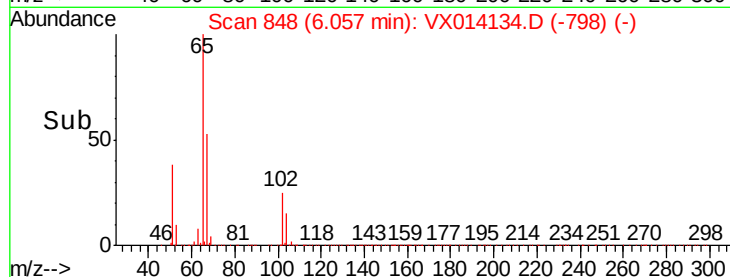
60000

40000

20000

0

Time--> 5.90 6.00 6.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014134.D

Acq: 19 Dec 2019 20:30

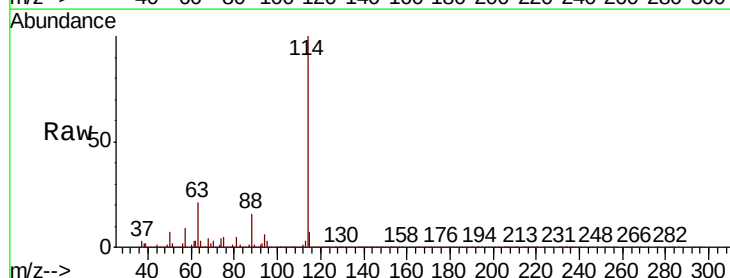
Tgt Ion: 114 Resp: 778405

Ion Ratio Lower Upper

114 100

63 20.6 0.0 40.8

88 15.6 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.85

400000

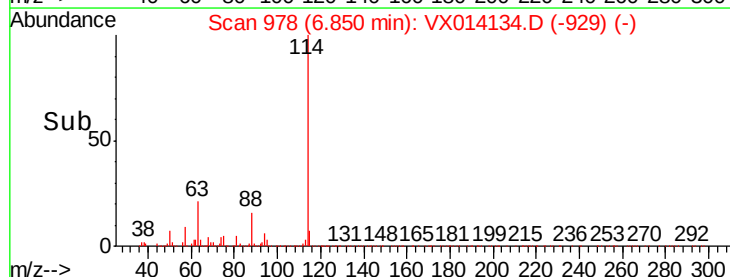
300000

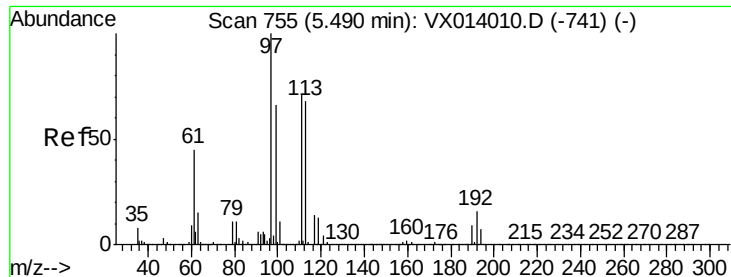
200000

100000

0

Time--> 6.70 6.80 6.90 7.00

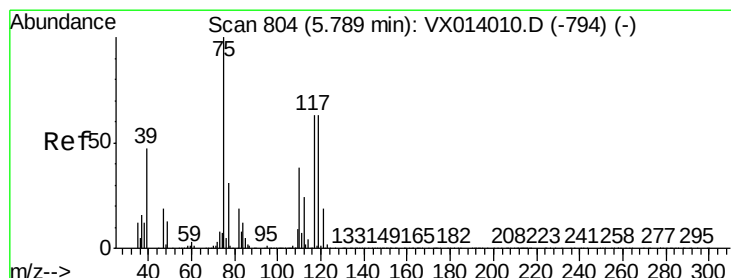
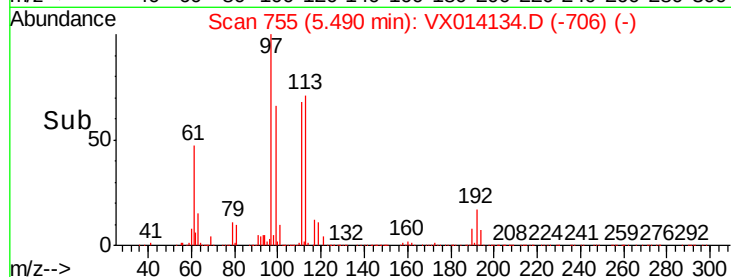
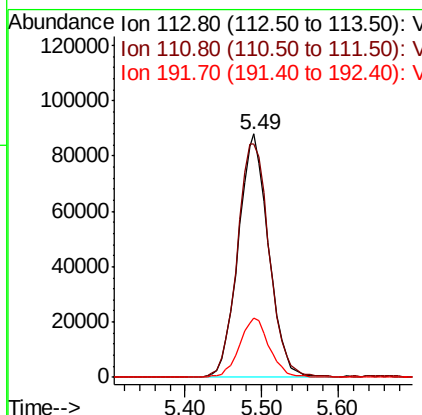
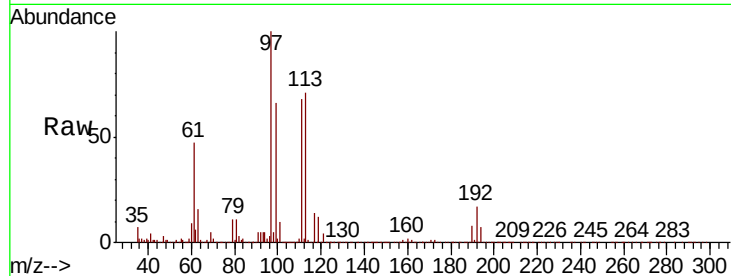




#35
Dibromofluoromethane
Concen: 50.939 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX014134.D
Acq: 19 Dec 2019 20:30

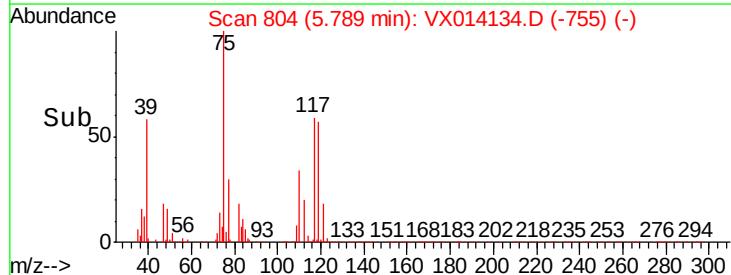
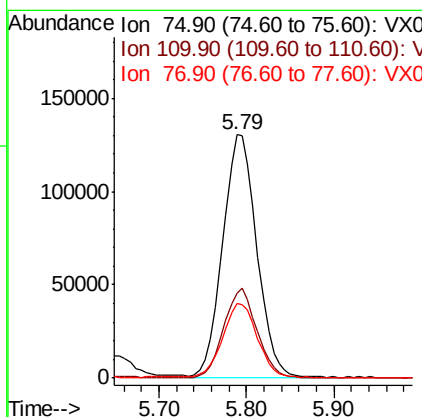
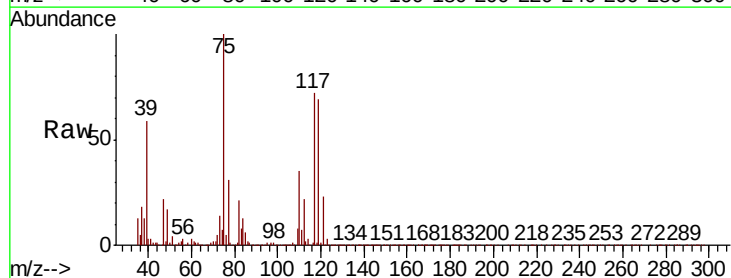
Instrument :
MSVOA_X
ClientSampleId :

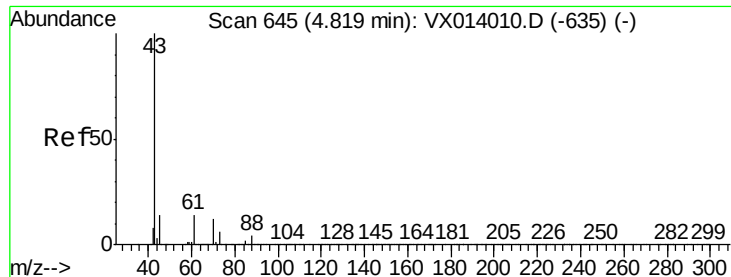
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.5	82.0	123.0
192	23.7	19.3	28.9



#36
1,1-Dichloropropene
Concen: 49.351 ug/l
RT: 5.79 min Scan# 804
Delta R.T. 0.00 min
Lab File: VX014134.D
Acq: 19 Dec 2019 20:30

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.0	18.3	54.9
77	30.8	24.8	37.2

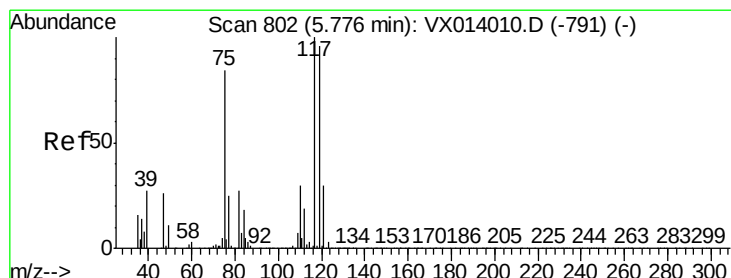
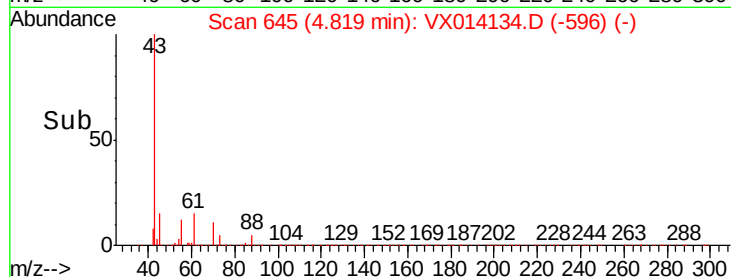
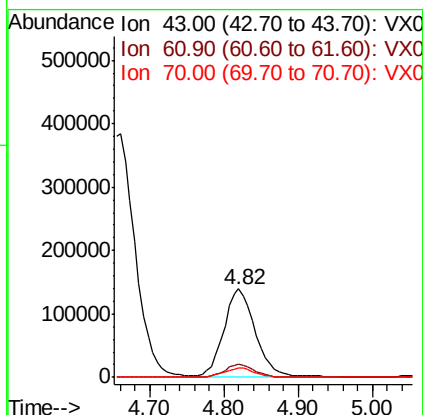
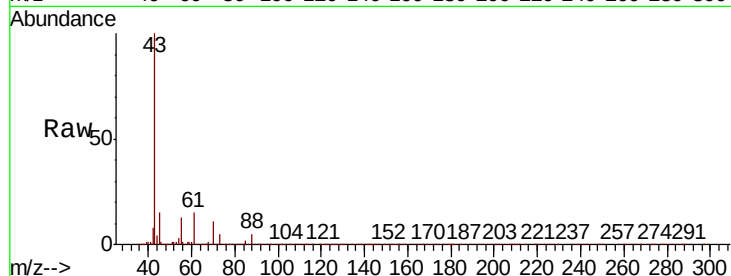




#37
Ethyl Acetate
Concen: 51.754 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX014134.D
Acq: 19 Dec 2019 20:30

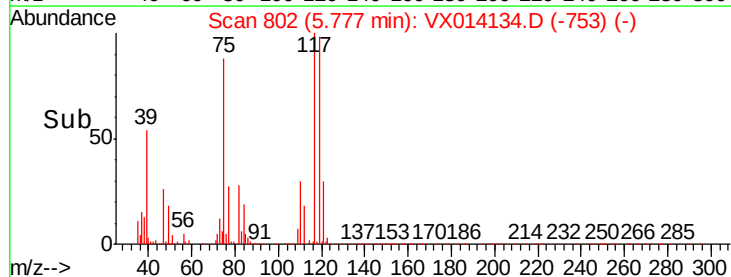
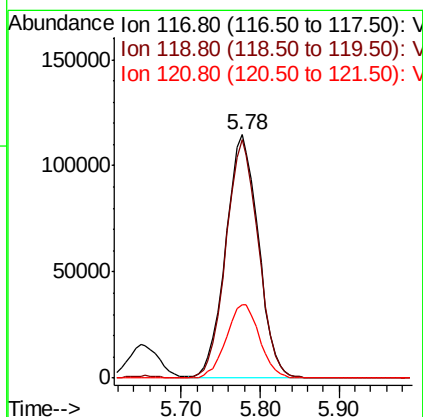
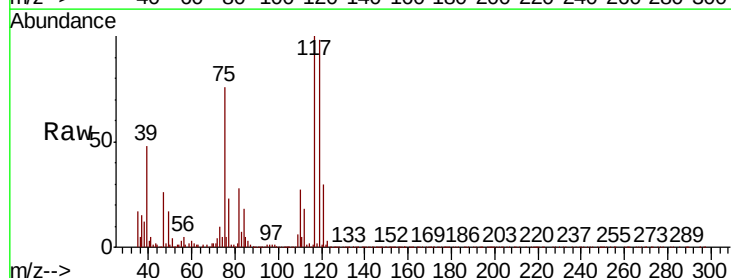
Instrument :
MSVOA_X
ClientSampleId :

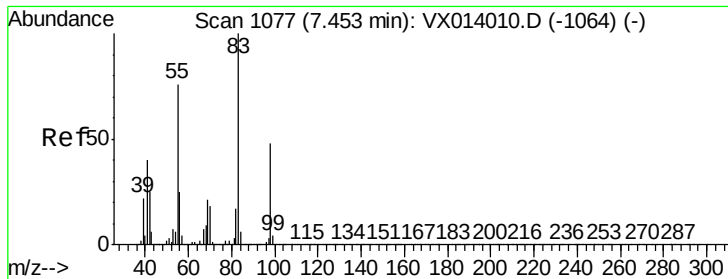
Tot Ion	Ratio	Lower	Upper
43	100		
61	13.7	10.8	16.2
70	11.0	8.6	12.8



#38
Carbon Tetrachloride
Concen: 50.669 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX014134.D
Acq: 19 Dec 2019 20:30

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.9	76.2	114.4
121	29.9	23.6	35.4

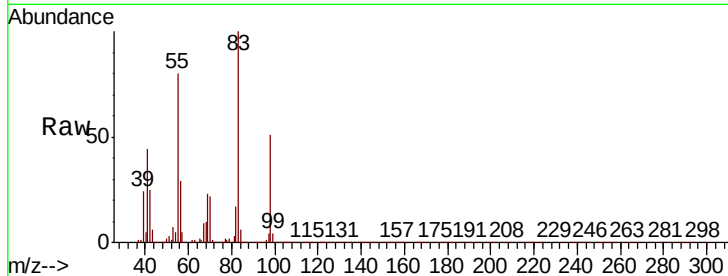




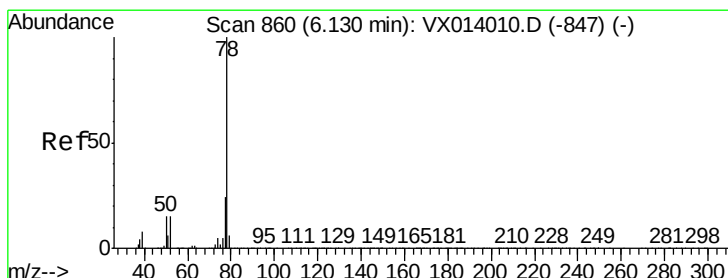
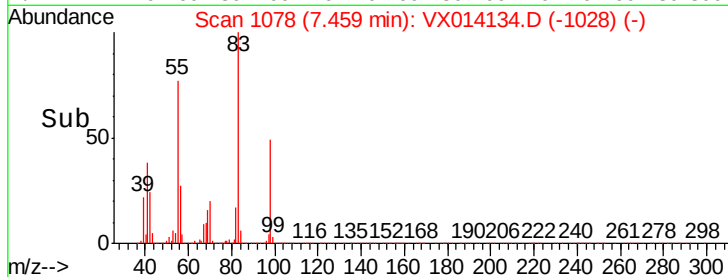
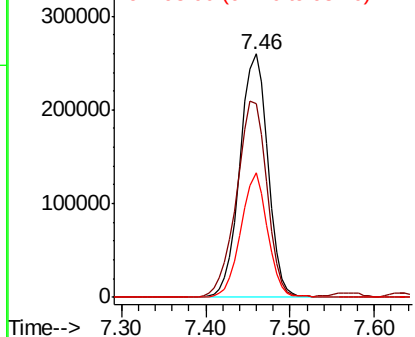
#39
Methylvlcyclohexane
Concen: 65.793 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.01 min
Lab File: VX014134.D
Acq: 19 Dec 2019 20:30

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
83	100		
55	79.7	61.0	91.6
98	51.4	38.6	57.8

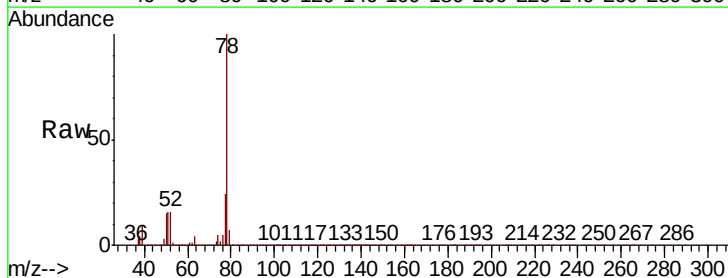


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

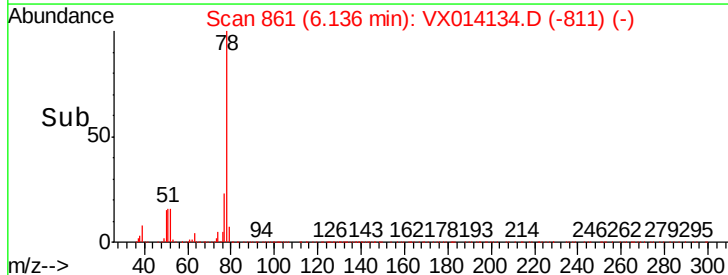
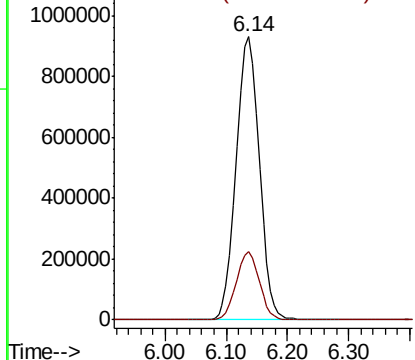


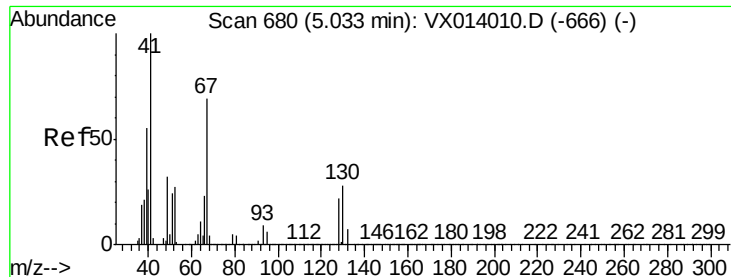
#40
Benzene
Concen: 111.004 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX014134.D
Acq: 19 Dec 2019 20:30

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	18.8	28.2



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0

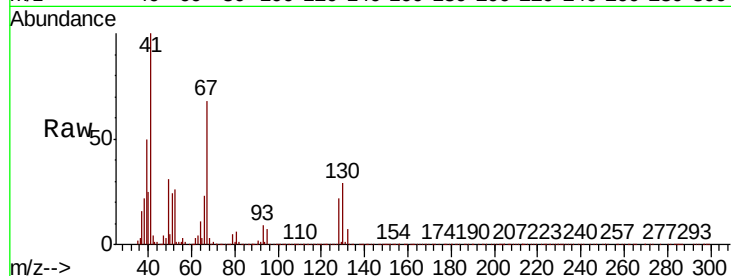




#41
Methacrylonitrile
Concen: 54.315 ug/l
RT: 5.03 min Scan# 680
Delta R.T. 0.00 min
Lab File: VX014134.D
Acq: 19 Dec 2019 20:30

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	41	Resp:	237690
Ion	Ratio	Lower	Upper
41	100		
39	53.6	44.5	66.7
67	69.4	57.4	86.0
52	27.1	23.0	34.4



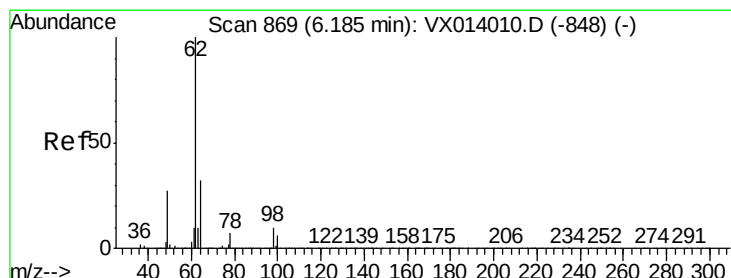
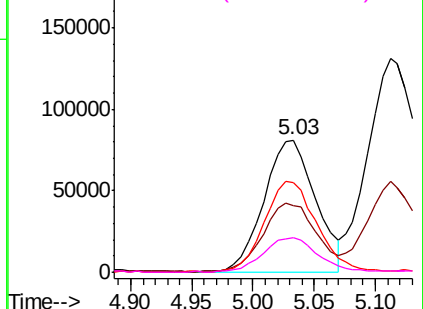
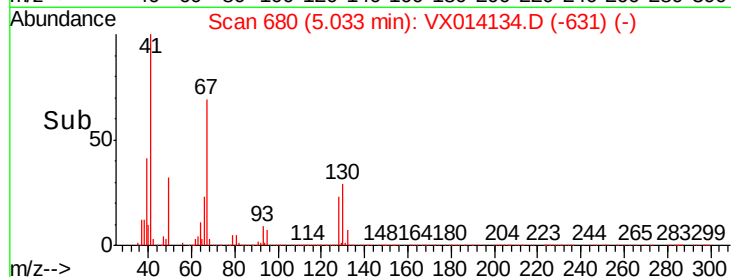
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

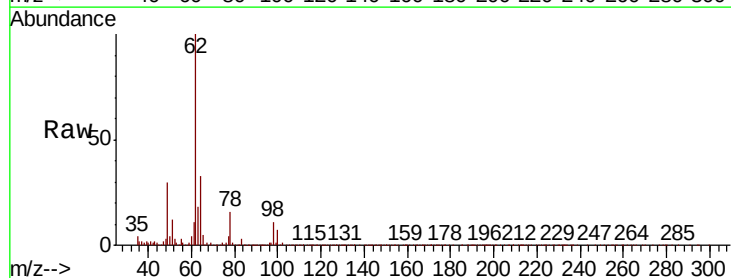
Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42
1,2-Dichloroethane
Concen: 51.463 ug/l
RT: 6.19 min Scan# 869
Delta R.T. 0.00 min
Lab File: VX014134.D
Acq: 19 Dec 2019 20:30

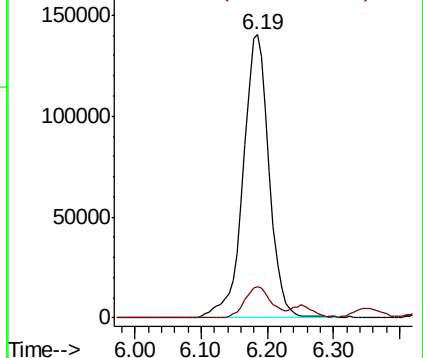
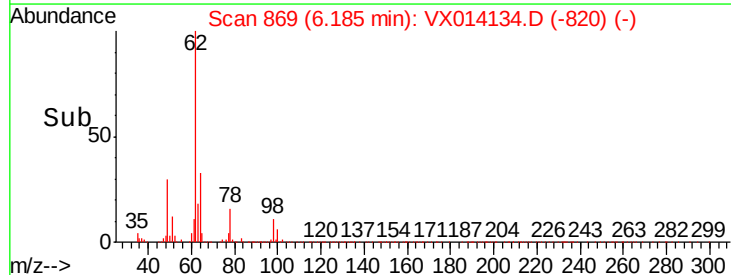
Tgt Ion:	62	Resp:	383365
Ion	Ratio	Lower	Upper
62	100		
98	11.1	0.0	21.0

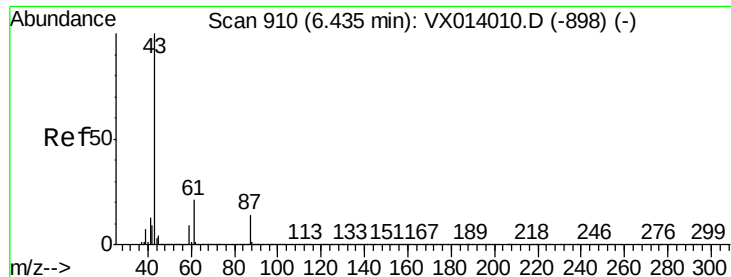


Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 53.635 ug/l

RT: 6.43 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX014134.D

Acq: 19 Dec 2019 20:30

Instrument :

MSVOA_X

ClientSampleId :

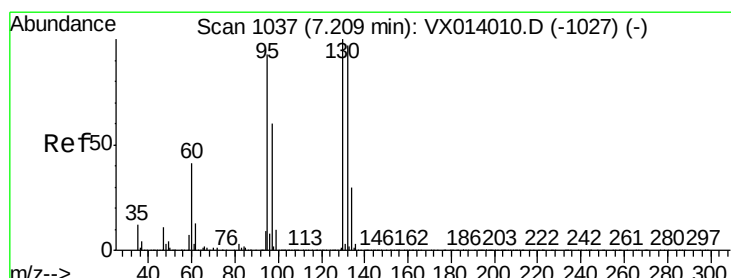
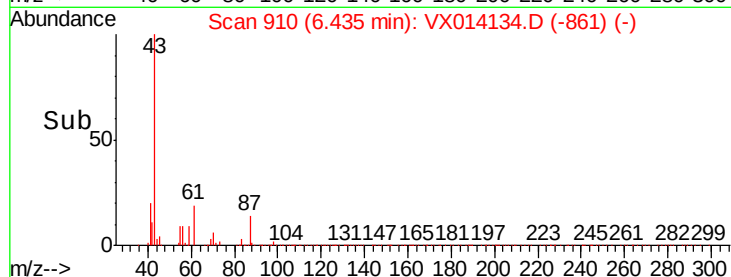
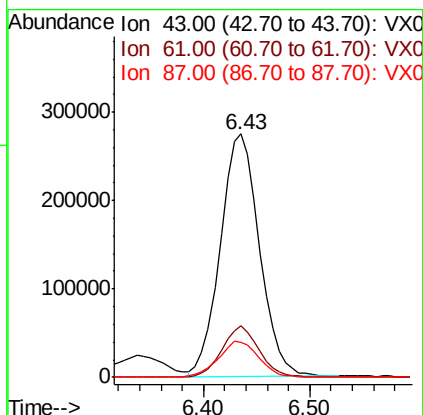
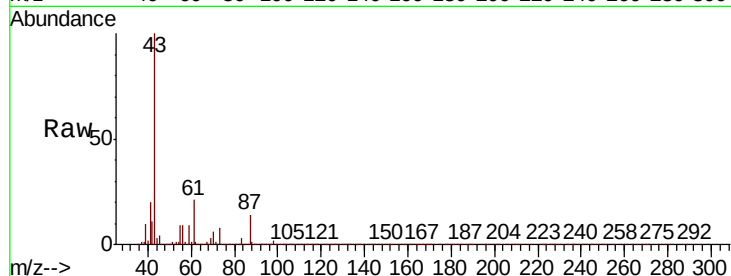
Tot Ion: 43 Resp: 700078

Ion Ratio Lower Upper

43 100

61 19.8 16.4 24.6

87 15.5 10.7 16.1



#44

Trichloroethene

Concen: 48.614 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VX014134.D

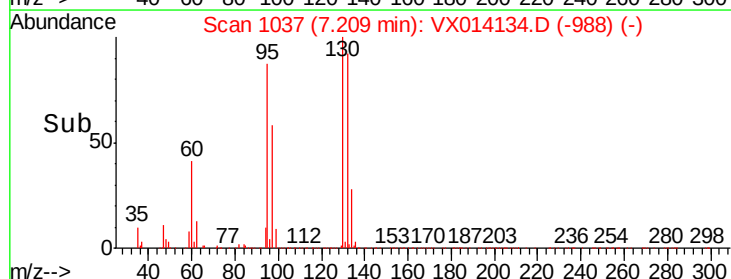
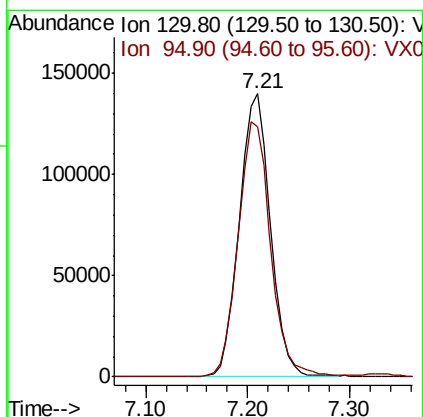
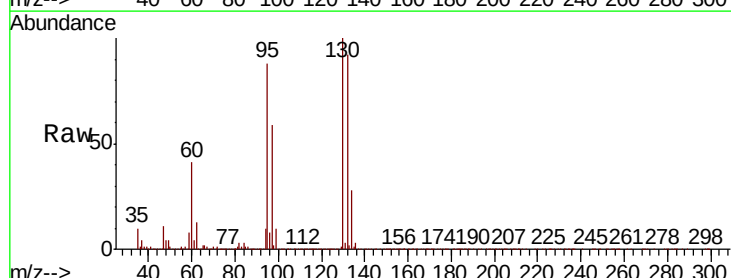
Acq: 19 Dec 2019 20:30

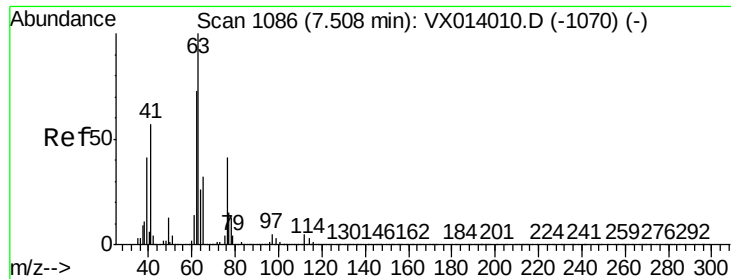
Tgt Ion:130 Resp: 295088

Ion Ratio Lower Upper

130 100

95 88.1 0.0 185.6

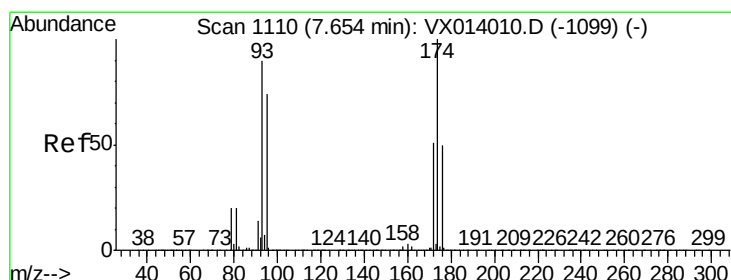
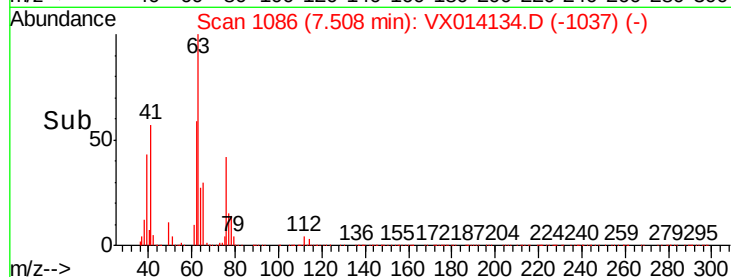
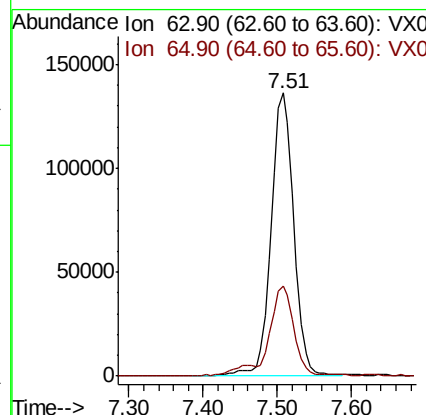
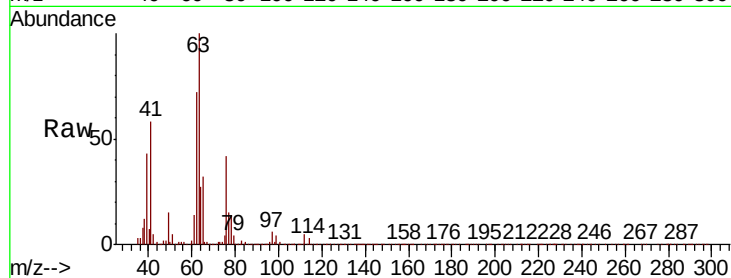




#45
 1,2-Dichloropropane
 Concen: 51.146 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX014134.D
 Acq: 19 Dec 2019 20:30

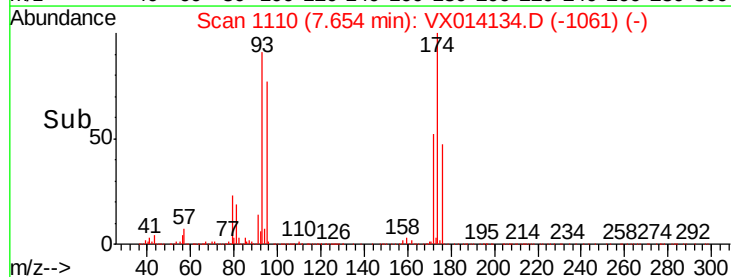
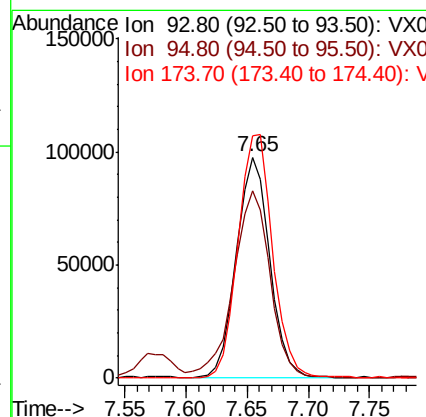
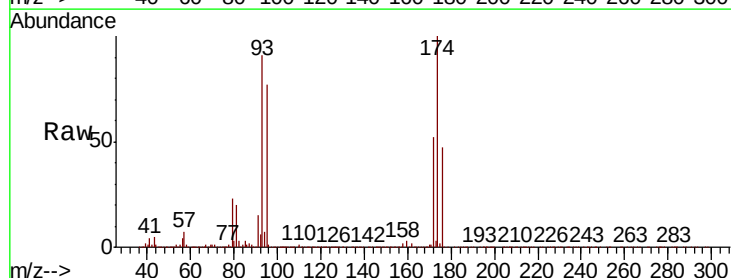
Instrument :
 MSVOA_X
 ClientSampleId :

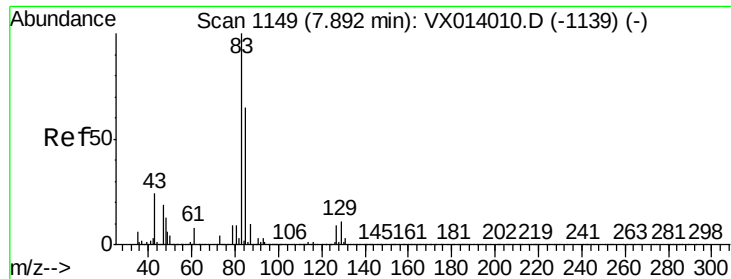
Tot Ion: 63 Resp: 288090
 Ion Ratio Lower Upper
 63 100
 65 31.8 25.8 38.8



#46
 Dibromomethane
 Concen: 49.059 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX014134.D
 Acq: 19 Dec 2019 20:30

Tgt Ion: 93 Resp: 182699
 Ion Ratio Lower Upper
 93 100
 95 93.7 67.3 100.9
 174 115.7 91.6 137.4

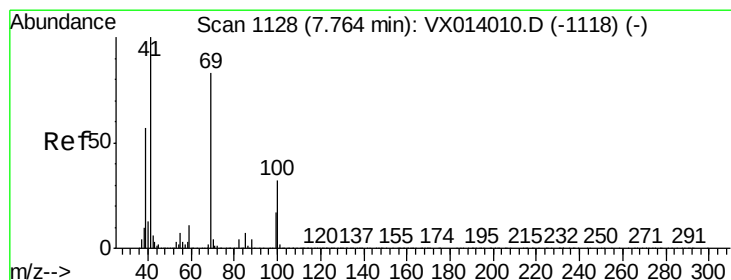
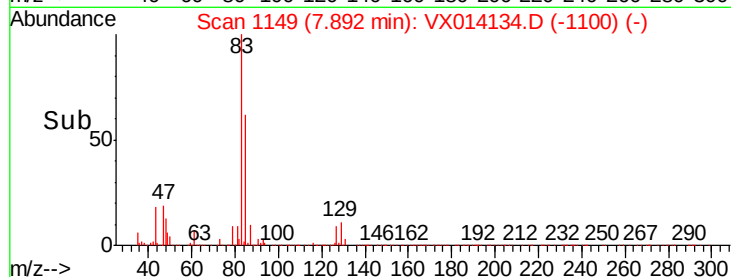
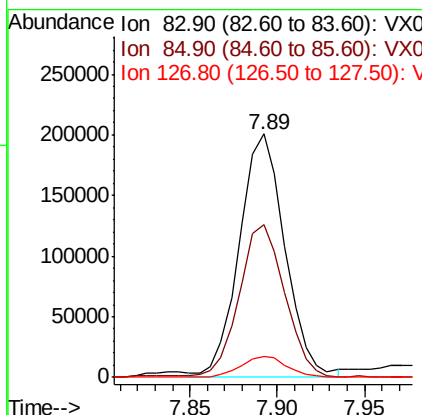
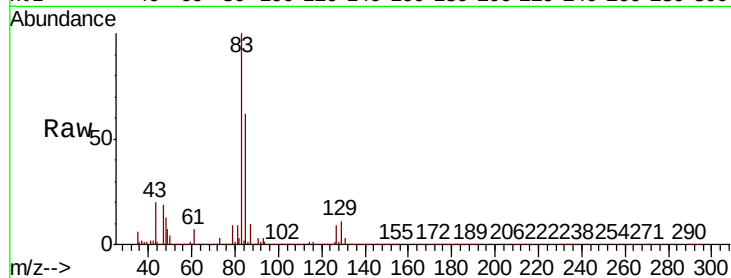




#47
Bromodichloromethane
Concen: 51.721 ug/l
RT: 7.89 min Scan# 1149
Delta R.T. 0.00 min
Lab File: VX014134.D
Acq: 19 Dec 2019 20:30

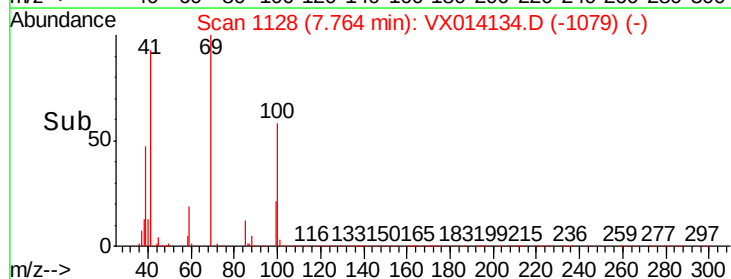
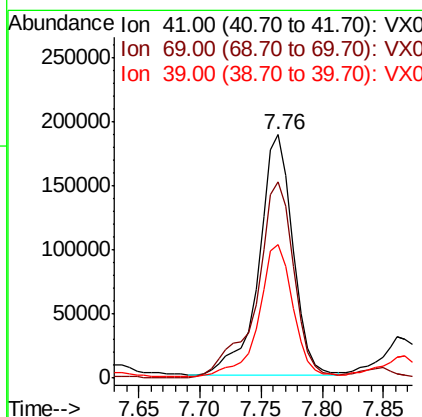
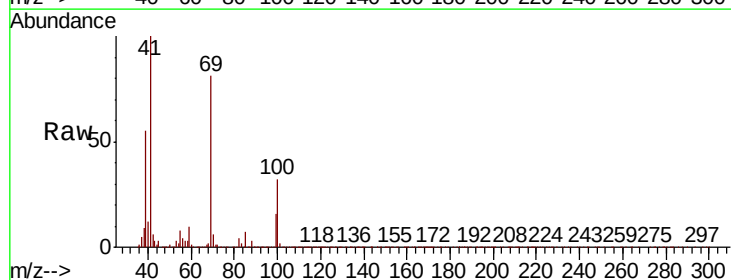
Instrument :
MSVOA_X
ClientSampleId :

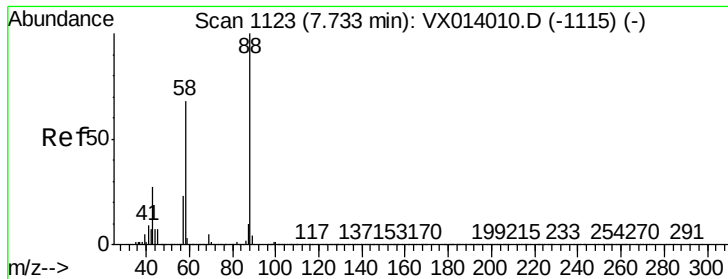
Tot Ion	83	Resp	362755
Ion Ratio	Lower	Upper	
83	100		
85	63.1	51.8	77.8
127	8.7	7.0	10.4



#48
Methyl methacrylate
Concen: 56.858 ug/l
RT: 7.76 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX014134.D
Acq: 19 Dec 2019 20:30

Tgt Ion	41	Resp	363414
Ion Ratio	Lower	Upper	
41	100		
69	90.1	65.8	98.6
39	55.5	44.6	67.0





#49

1,4-Dioxane

Concen: 972.380 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VX014134.D

Acq: 19 Dec 2019 20:30

Instrument :

MSVOA_X

ClientSampleId :

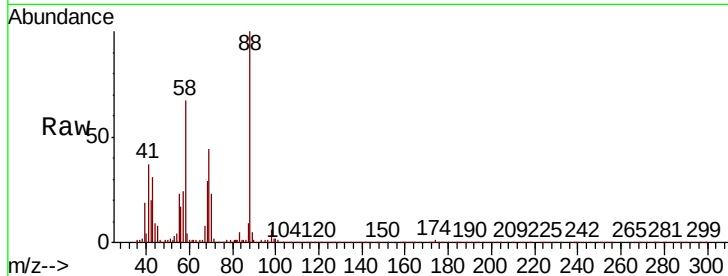
Tot Ion: 88 Resp: 126478

Ion Ratio Lower Upper

88 100

43 35.0 26.5 39.7

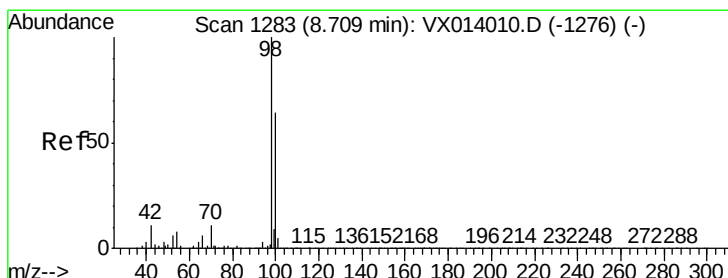
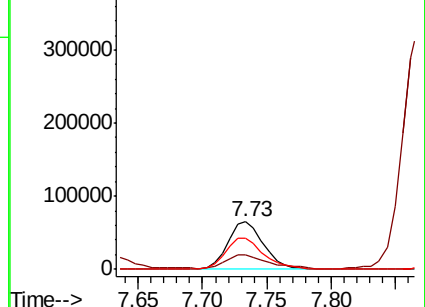
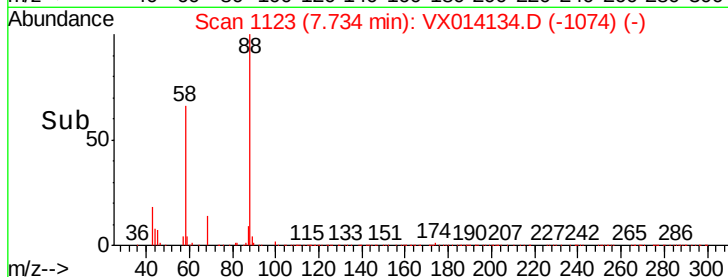
58 68.8 56.8 85.2



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: 51.860 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014134.D

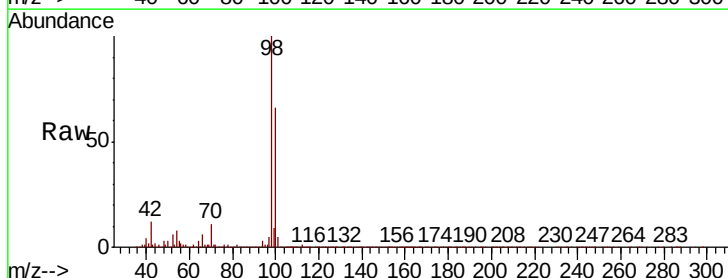
Acq: 19 Dec 2019 20:30

Tgt Ion: 98 Resp: 955379

Ion Ratio Lower Upper

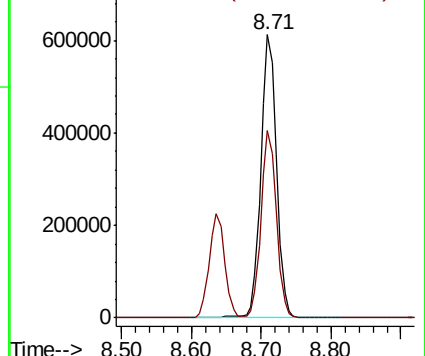
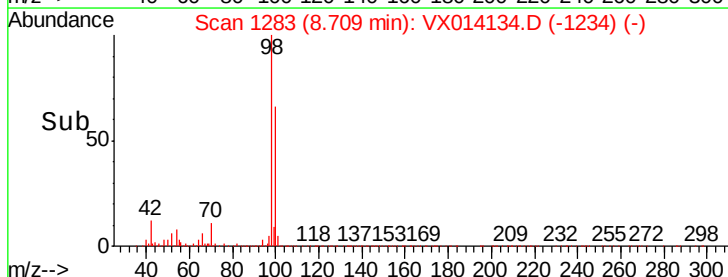
98 100

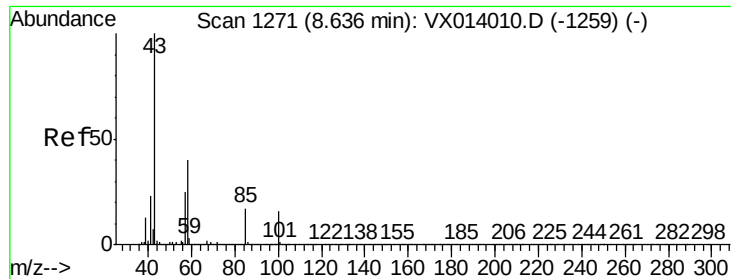
100 64.8 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 268.969 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX014134.D

Acq: 19 Dec 2019 20:30

Instrument :

MSVOA_X

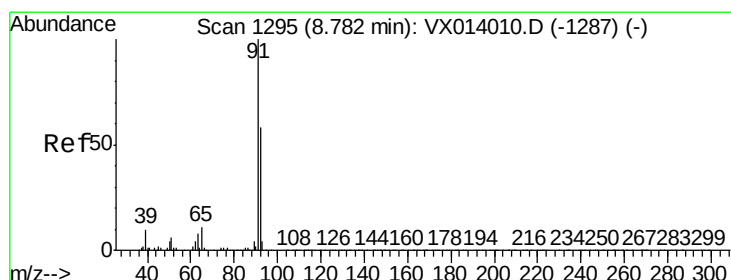
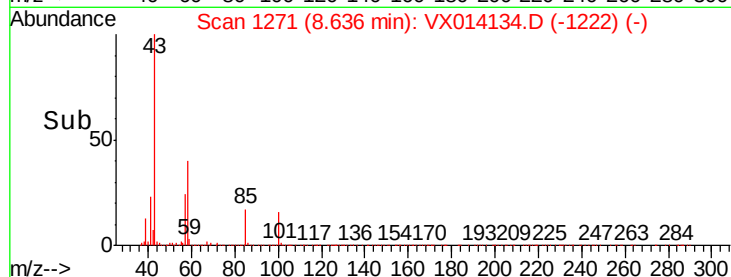
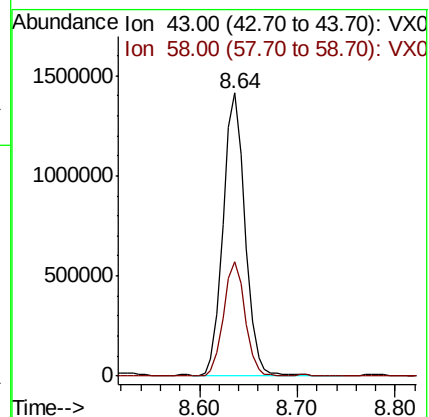
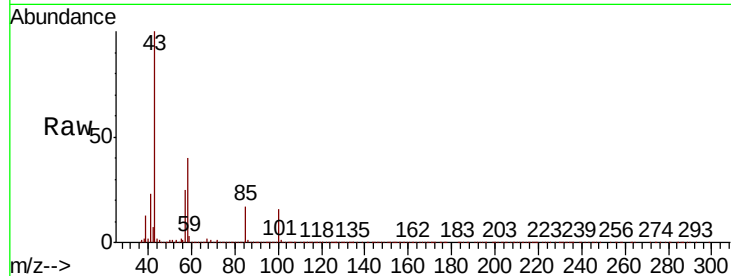
ClientSampleId :

Tot Ion: 43 Resp: 2204840

Ion Ratio Lower Upper

43 100

58 39.6 32.2 48.2



#52

Toluene

Concen: 74.546 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX014134.D

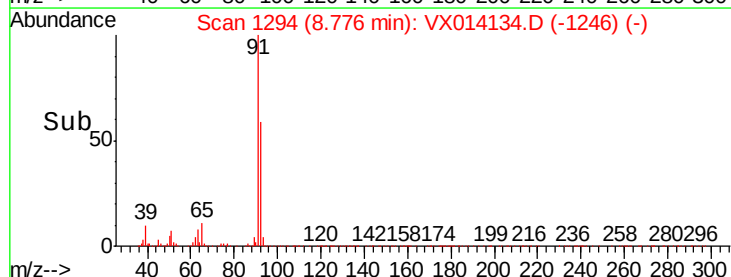
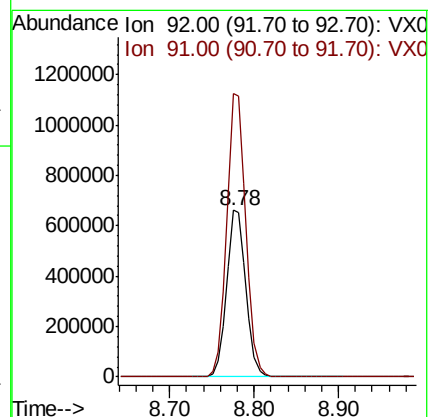
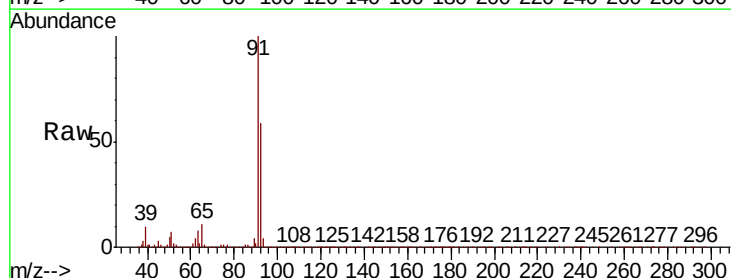
Acq: 19 Dec 2019 20:30

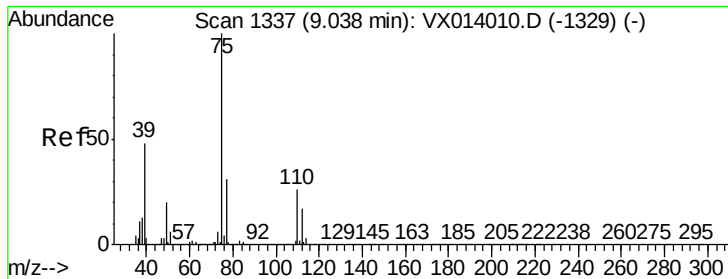
Tgt Ion: 92 Resp: 1035465

Ion Ratio Lower Upper

92 100

91 169.3 136.2 204.4





#53

t-1,3-Dichloropropene

Concen: 51.240 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VX014134.D

Acq: 19 Dec 2019 20:30

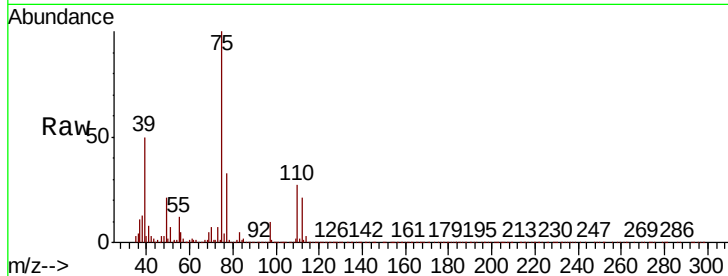
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 75 Resp: 394060

Ion Ratio Lower Upper

75 100

77 32.2 25.1 37.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.04

250000

200000

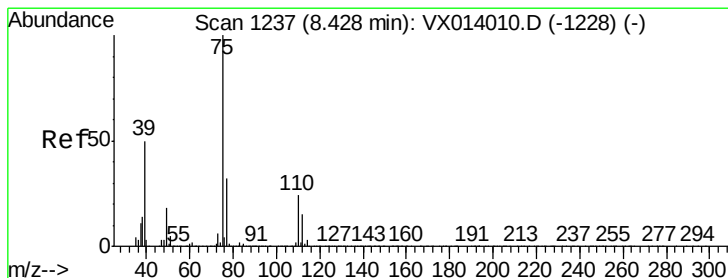
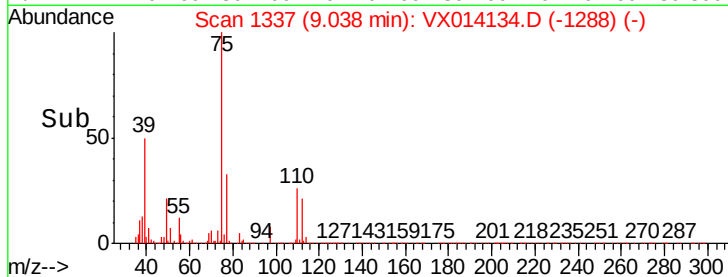
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 51.348 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX014134.D

Acq: 19 Dec 2019 20:30

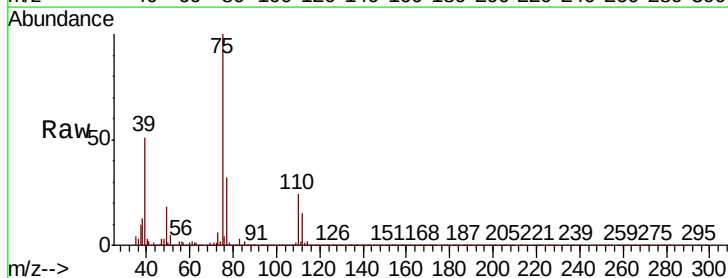
Tgt Ion: 75 Resp: 439935

Ion Ratio Lower Upper

75 100

77 31.8 25.3 37.9

39 49.7 39.9 59.9



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

8.43

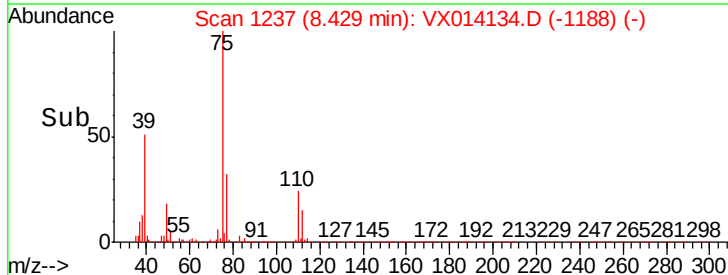
300000

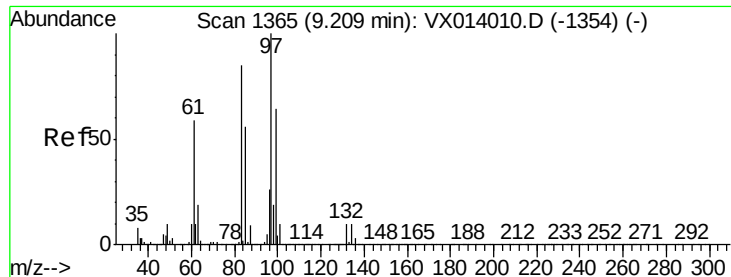
200000

100000

0

Time-->

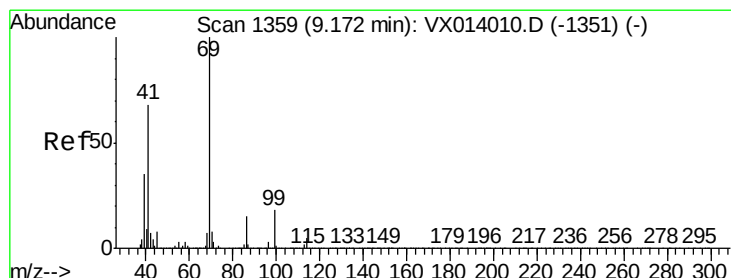
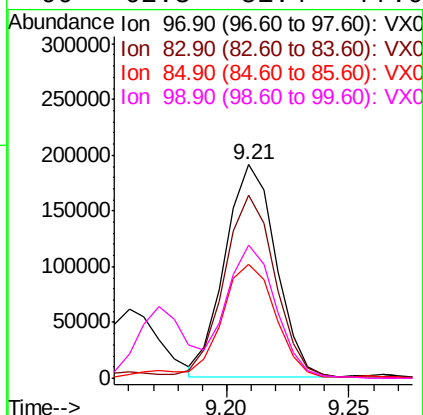
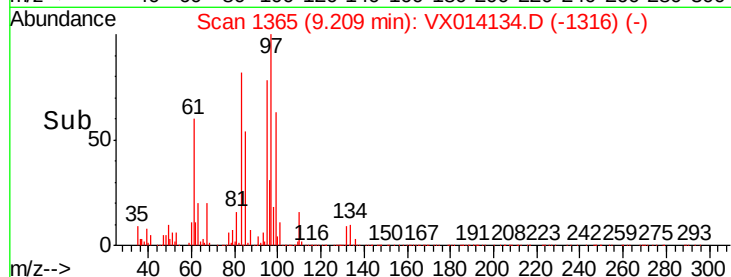
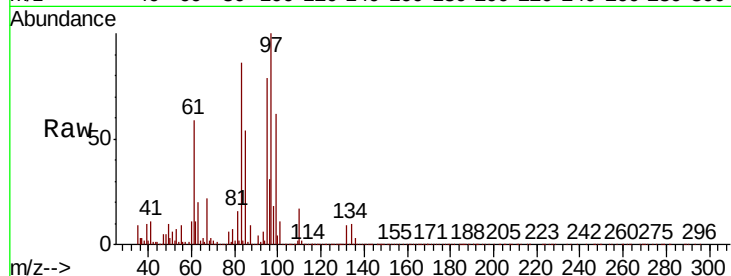




#55
 1,1,2-Trichloroethane
 Concen: 49.567 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014134.D
 Acq: 19 Dec 2019 20:30

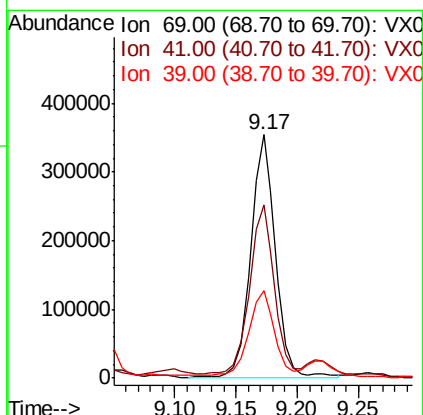
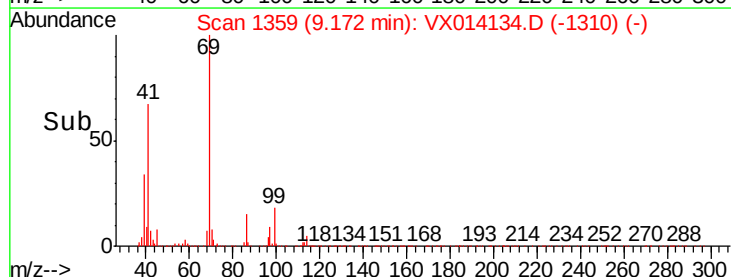
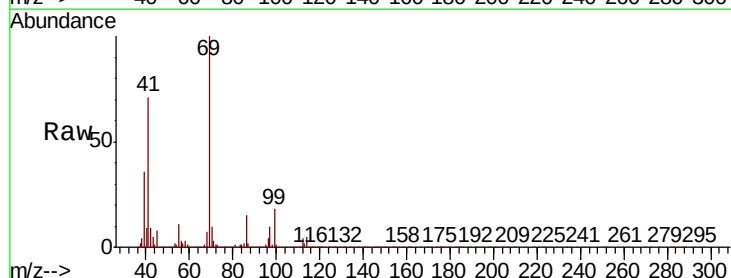
Instrument :
 MSVOA_X
 ClientSampled :

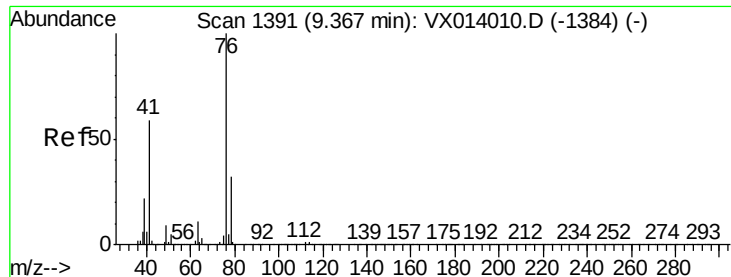
Tot Ion:	97	Resp:	275946
Ion	Ratio	Lower	Upper
97	100		
83	85.9	68.2	102.4
85	53.5	44.6	66.8
99	62.3	51.4	77.0



#56
 Ethyl methacrylate
 Concen: 56.613 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX014134.D
 Acq: 19 Dec 2019 20:30

Tgt Ion:	69	Resp:	495085
Ion	Ratio	Lower	Upper
69	100		
41	69.8	54.8	82.2
39	36.2	28.3	42.5

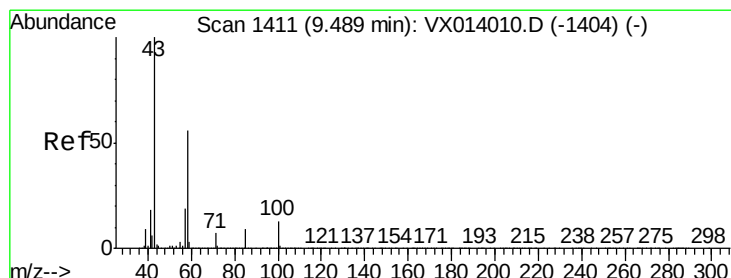
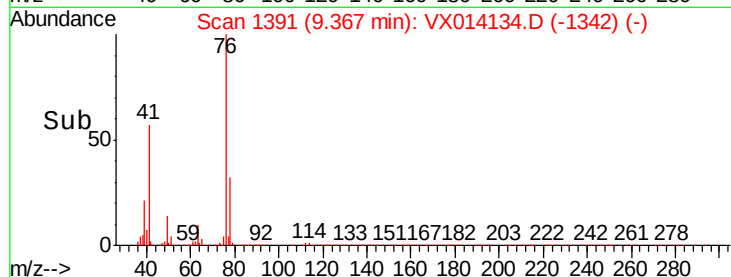
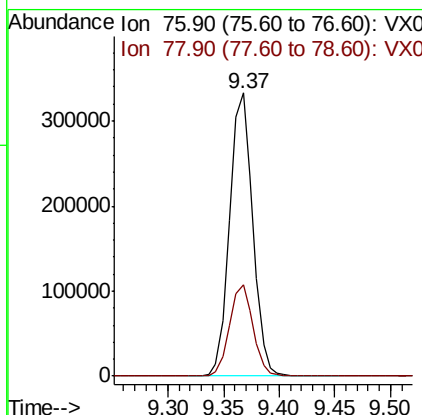
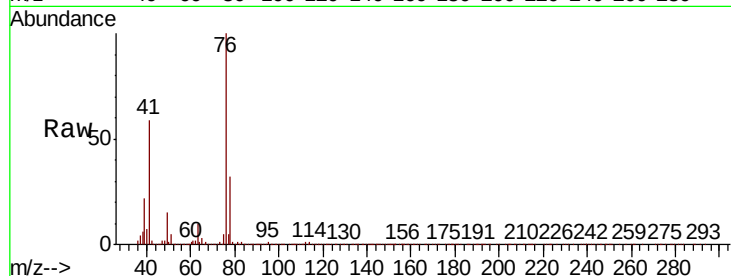




#57
 1,3-Dichloropropane
 Concen: 51.086 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VX014134.D
 Acq: 19 Dec 2019 20:30

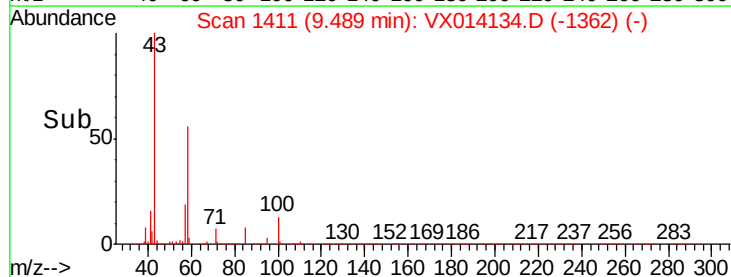
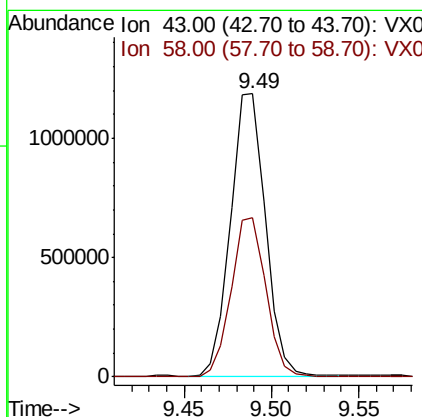
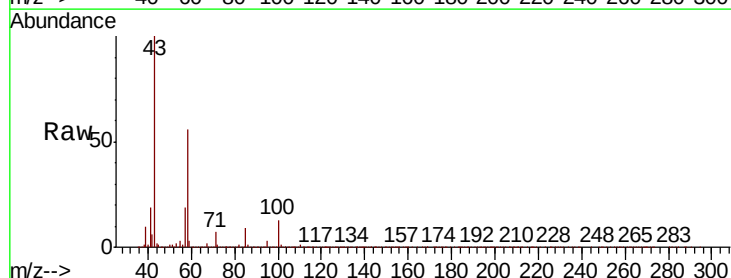
Instrument :
 MSVOA_X
 ClientSampleId :

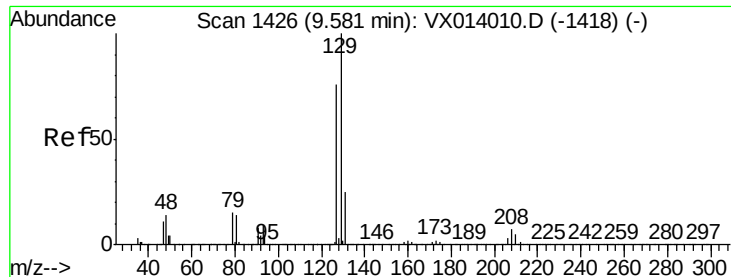
Tot Ion: 76 Resp: 478501
 Ion Ratio Lower Upper
 76 100
 78 32.6 25.8 38.6



#59
 2-Hexanone
 Concen: 249.892 ug/l
 RT: 9.49 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: VX014134.D
 Acq: 19 Dec 2019 20:30

Tgt Ion: 43 Resp: 1649016
 Ion Ratio Lower Upper
 43 100
 58 56.4 28.0 84.0





#60

Dibromochloromethane

Concen: 52.107 ug/l

RT: 9.57 min Scan# 1425

Delta R.T. -0.01 min

Lab File: VX014134.D

Acq: 19 Dec 2019 20:30

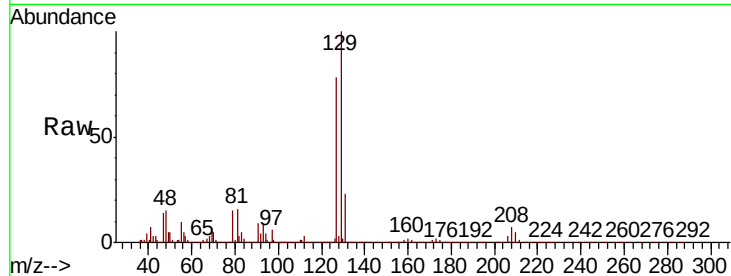
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:129 Resp: 288350

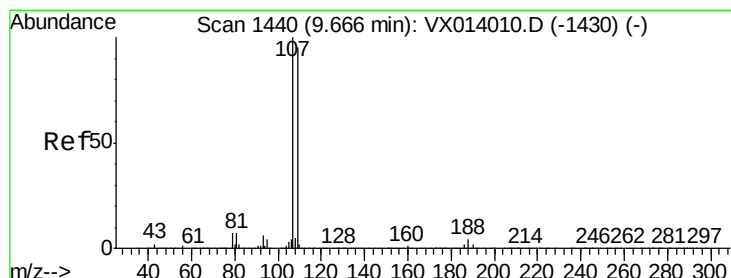
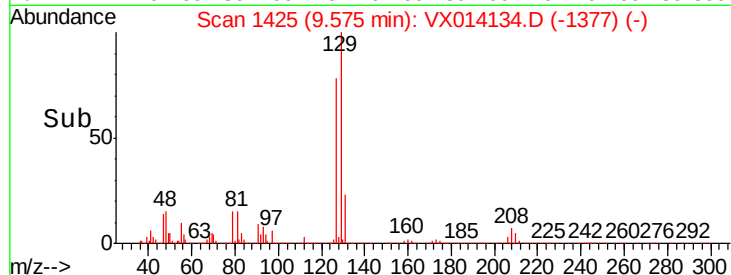
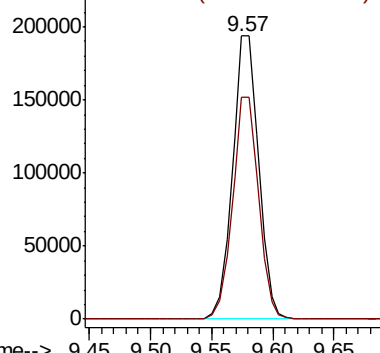
Ion Ratio Lower Upper

129 100

127 78.1 38.4 115.2



Abundance Ion 128.80 (128.50 to 129.50): V
Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 51.491 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014134.D

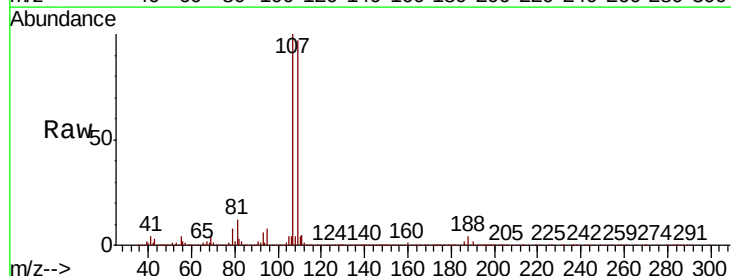
Acq: 19 Dec 2019 20:30

Tgt Ion:107 Resp: 293296

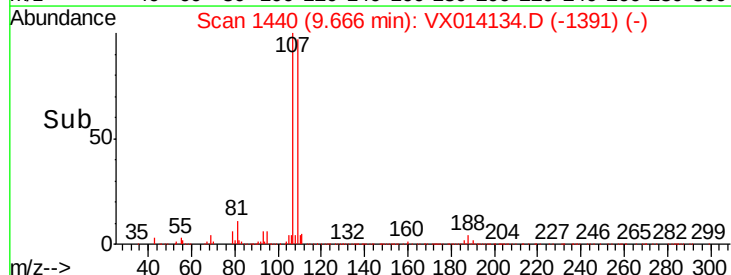
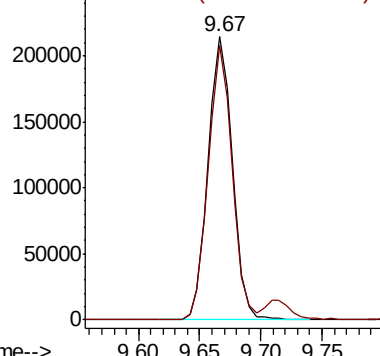
Ion Ratio Lower Upper

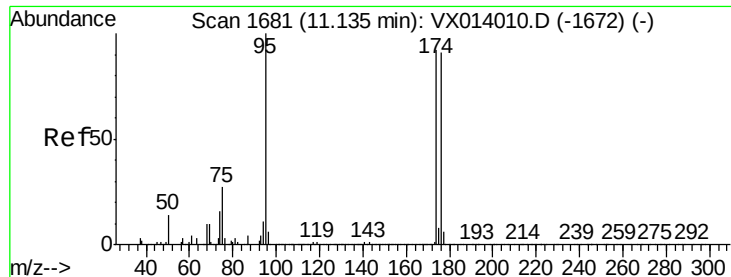
107 100

109 95.5 75.7 113.5



Abundance Ion 106.90 (106.60 to 107.60): V
Ion 108.80 (108.50 to 109.50): V

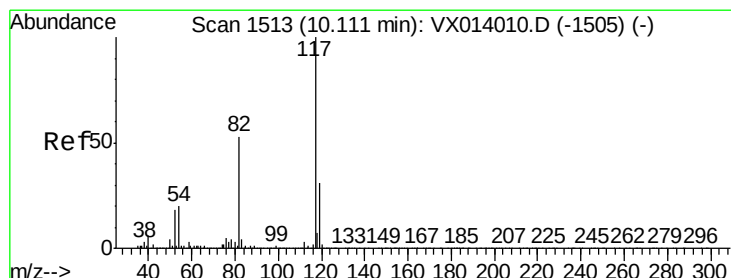
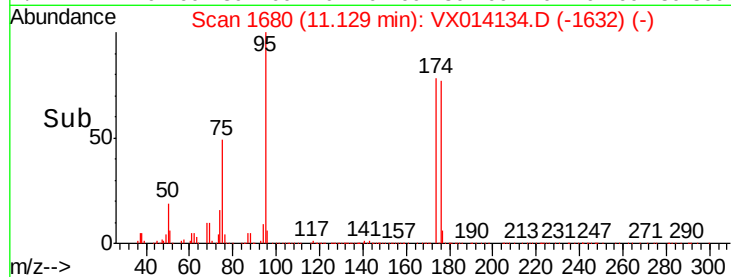
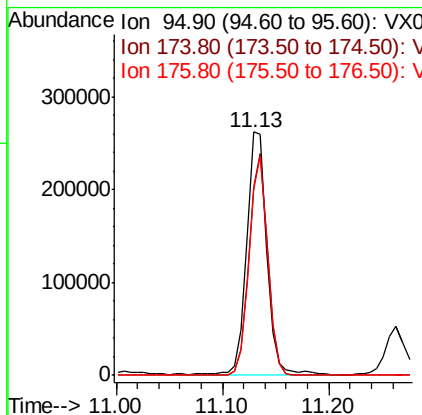
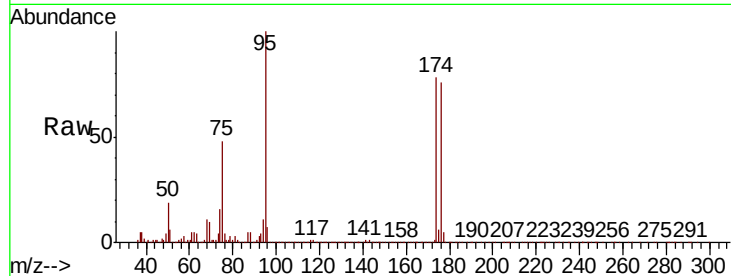




#62
4-Bromofluorobenzene
Concen: 51.728 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.01 min
Lab File: VX014134.D
Acq: 19 Dec 2019 20:30

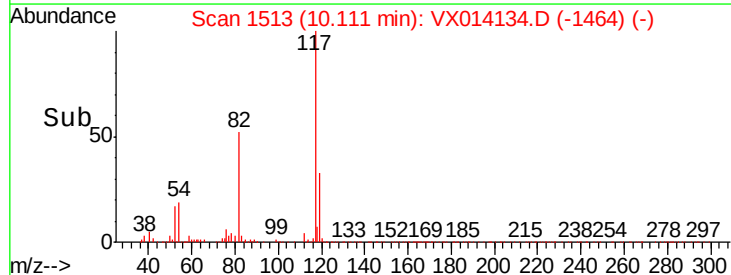
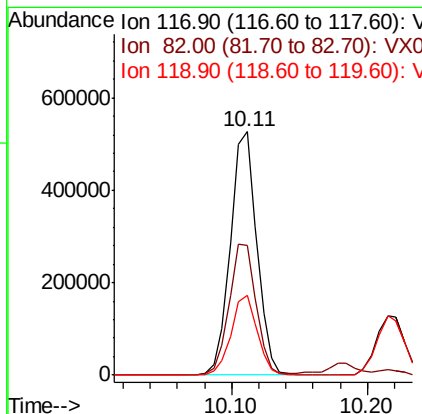
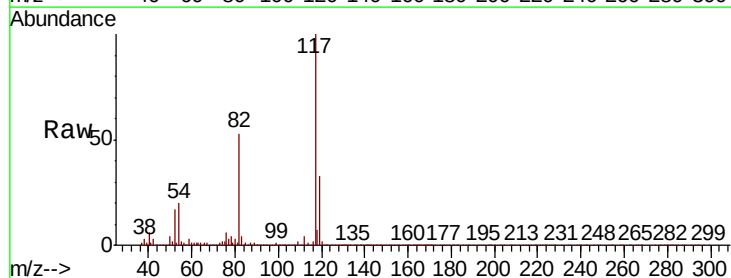
Instrument :
MSVOA_X
ClientSampleId :

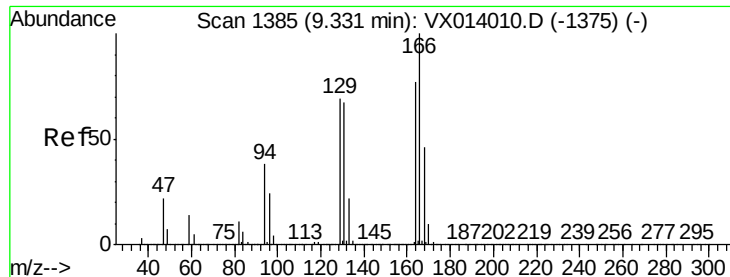
Tot Ion	Ratio	Lower	Upper
95	100		
174	84.6	0.0	175.8
176	82.8	0.0	173.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014134.D
Acq: 19 Dec 2019 20:30

Tgt Ion	Ratio	Lower	Upper
117	100		
82	52.8	42.2	63.4
119	32.6	25.1	37.7





#64

Tetrachloroethene

Concen: 42.852 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VX014134.D

Acq: 19 Dec 2019 20:30

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion:164 Resp: 269713

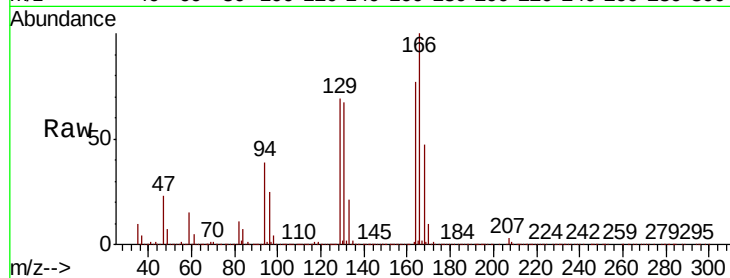
Ion Ratio Lower Upper

164 100

166 129.8 104.0 156.0

129 89.3 72.2 108.4

131 87.5 69.6 104.4

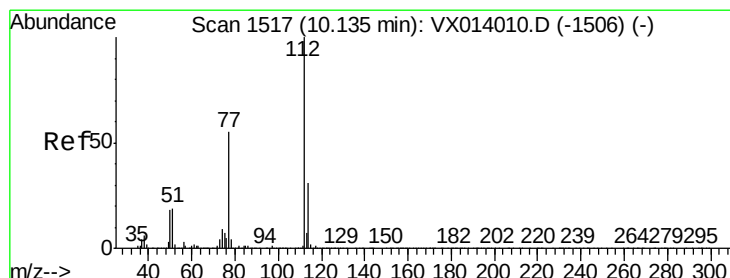
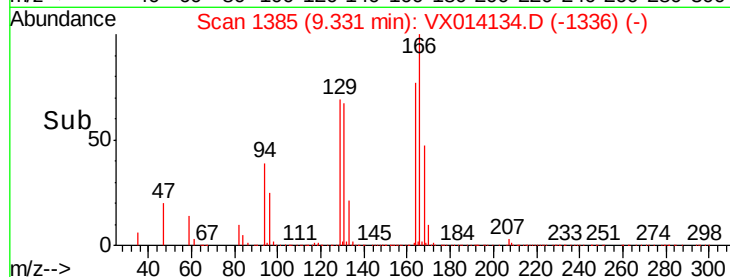
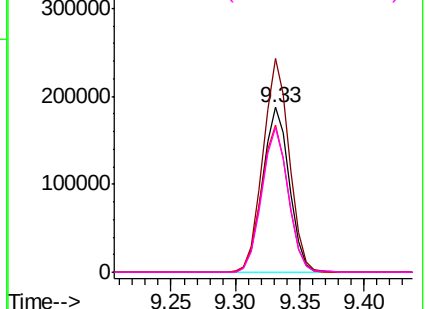


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 49.078 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX014134.D

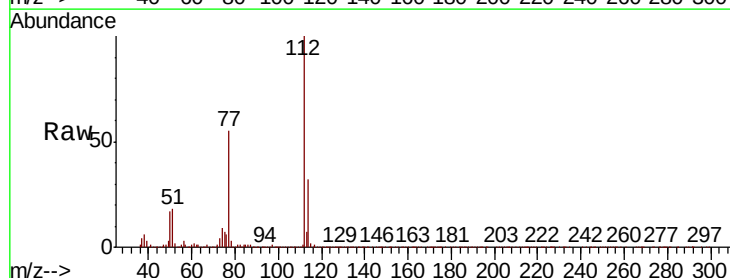
Acq: 19 Dec 2019 20:30

Tgt Ion:112 Resp: 742233

Ion Ratio Lower Upper

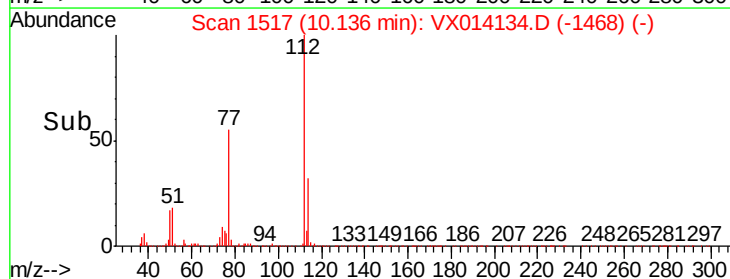
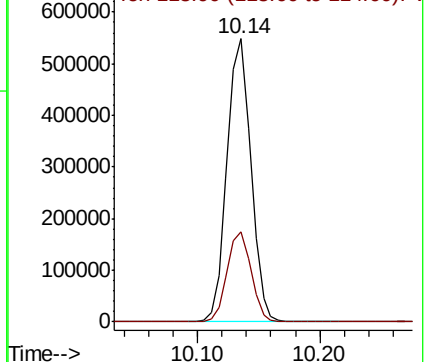
112 100

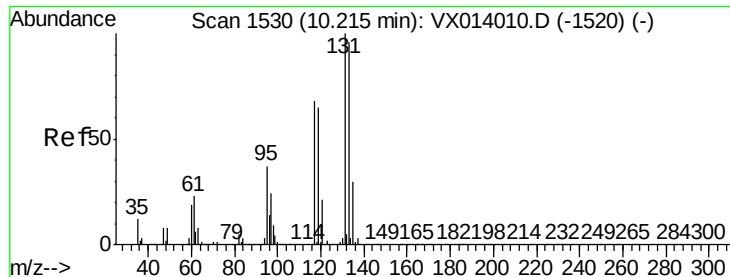
114 31.7 24.9 37.3



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

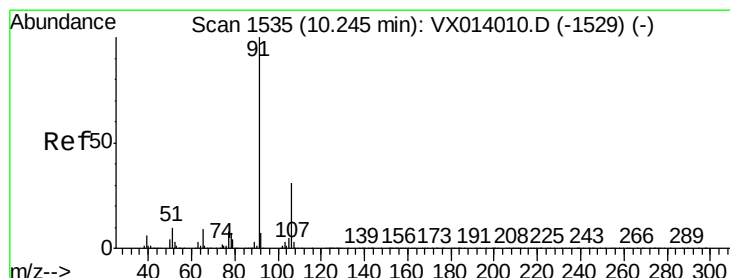
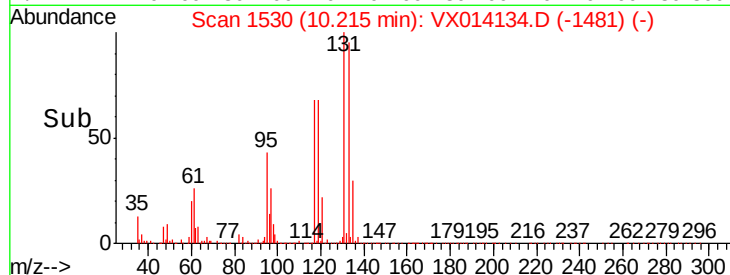
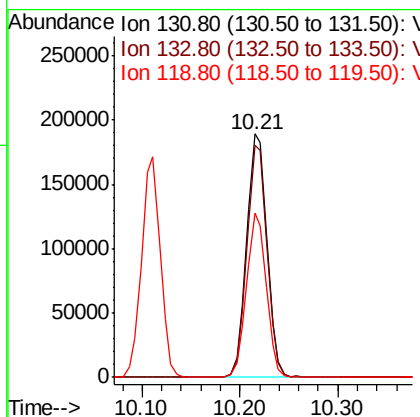
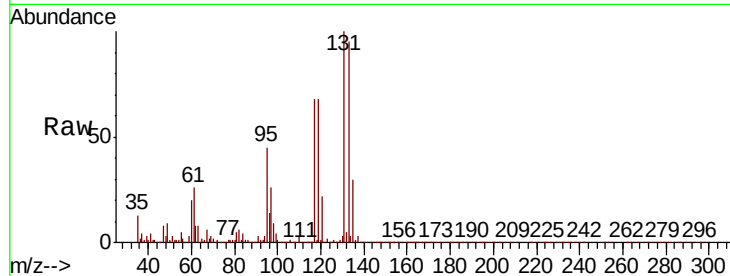




#66
 1,1,1,2-Tetrachloroethane
 Concen: 50.370 ug/l
 RT: 10.21 min Scan# 1530
 Delta R.T. 0.00 min
 Lab File: VX014134.D
 Acq: 19 Dec 2019 20:30

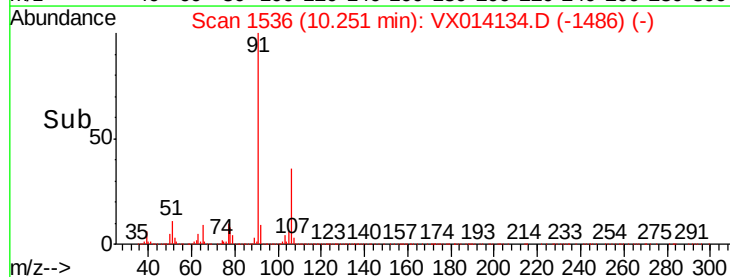
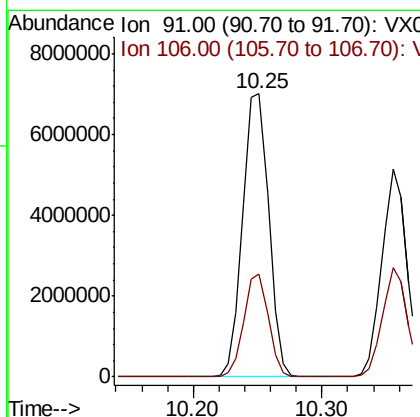
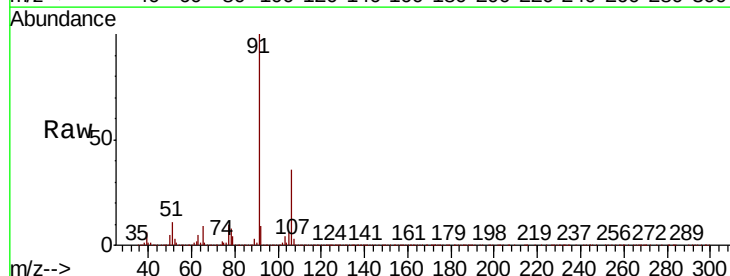
Instrument :
 MSVOA_X
 ClientSampleId :

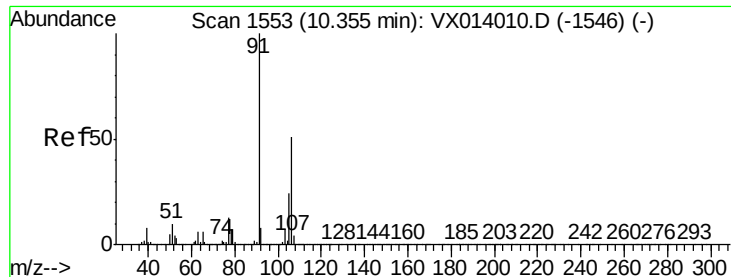
Tot Ion:131 Resp: 272000
 Ion Ratio Lower Upper
 131 100
 133 94.6 48.0 144.0
 119 65.9 33.4 100.2



#67
 Ethyl Benzene
 Concen: 376.874 ug/l
 RT: 10.25 min Scan# 1536
 Delta R.T. 0.01 min
 Lab File: VX014134.D
 Acq: 19 Dec 2019 20:30

Tgt Ion: 91 Resp: 9799191
 Ion Ratio Lower Upper
 91 100
 106 36.2 25.0 37.6





#68

m/p-Xylenes

Concen: 355.803 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX014134.D

Acq: 19 Dec 2019 20:30

Instrument :

MSVOA_X

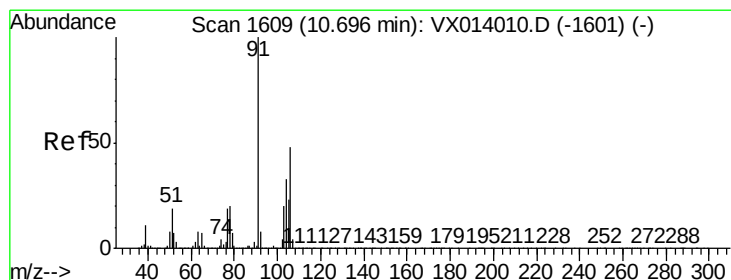
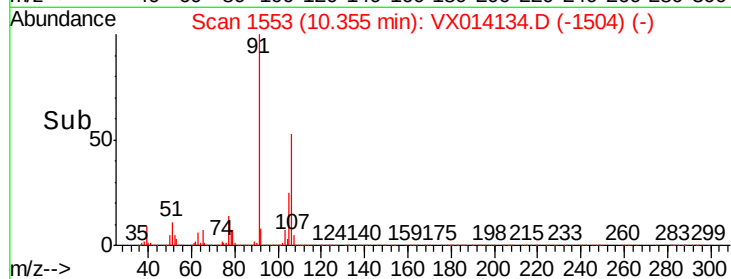
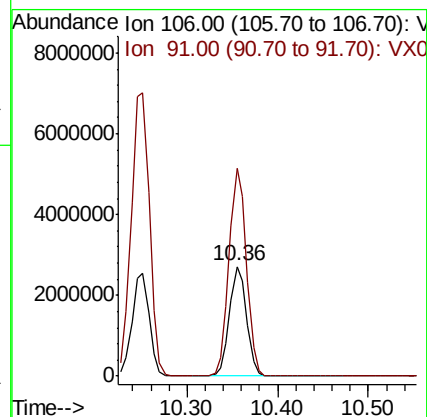
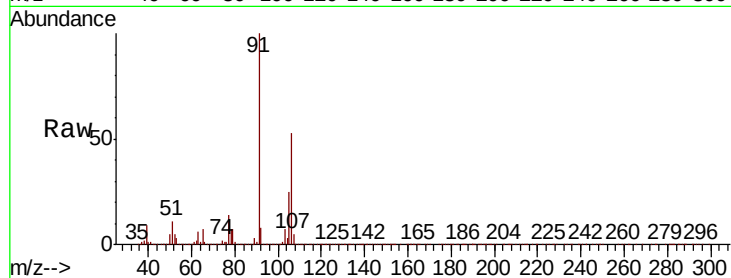
ClientSampleId :

Tot Ion:106 Resp: 3558182

Ion Ratio Lower Upper

106 100

91 192.9 158.6 238.0



#69

o-Xylene

Concen: 96.240 ug/l

RT: 10.70 min Scan# 1609

Delta R.T. 0.00 min

Lab File: VX014134.D

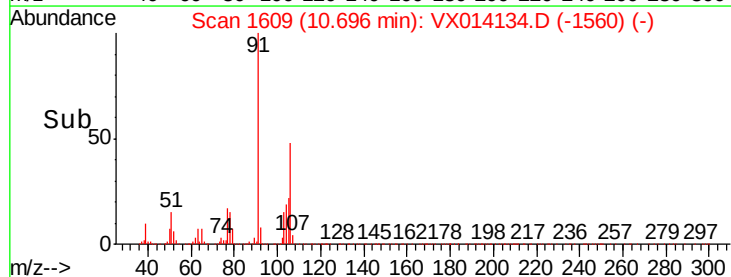
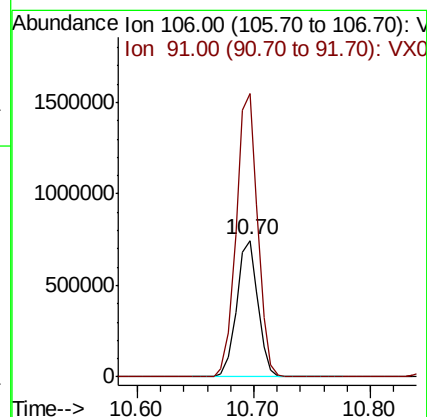
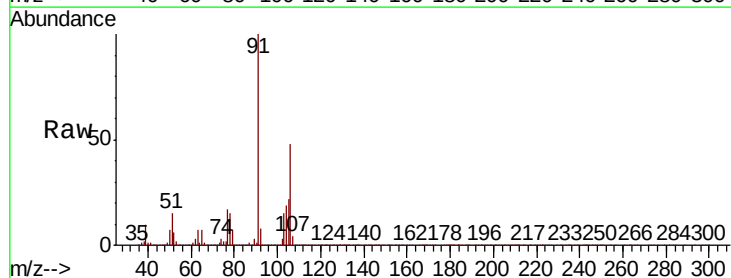
Acq: 19 Dec 2019 20:30

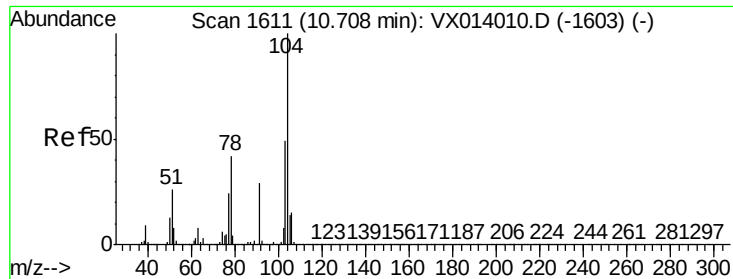
Tgt Ion:106 Resp: 943920

Ion Ratio Lower Upper

106 100

91 209.6 104.2 312.6

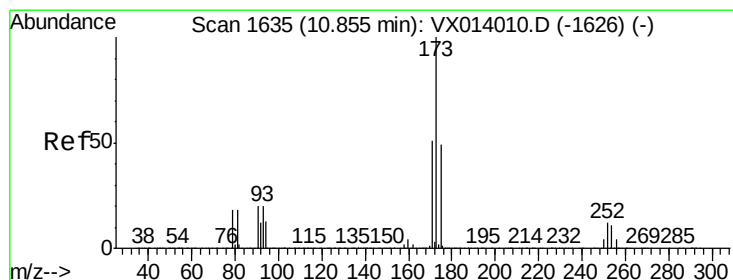
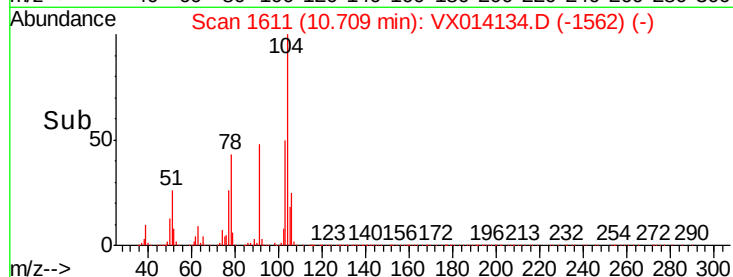
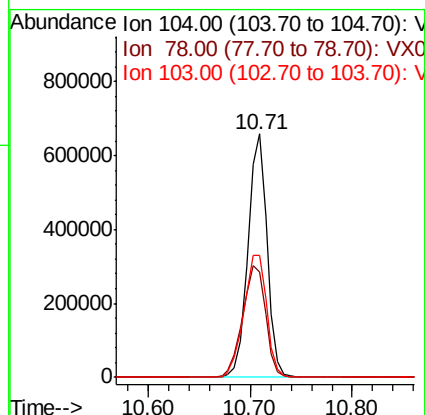
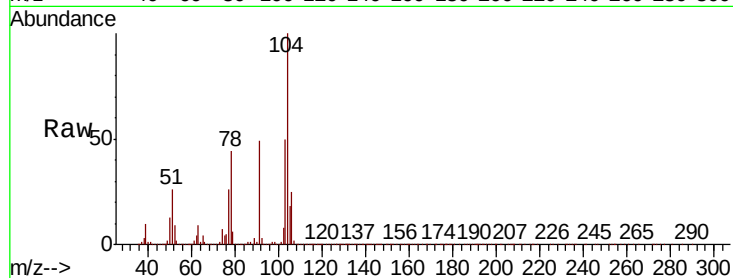




#70
Stvrene
Concen: 51.400 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014134.D
Acq: 19 Dec 2019 20:30

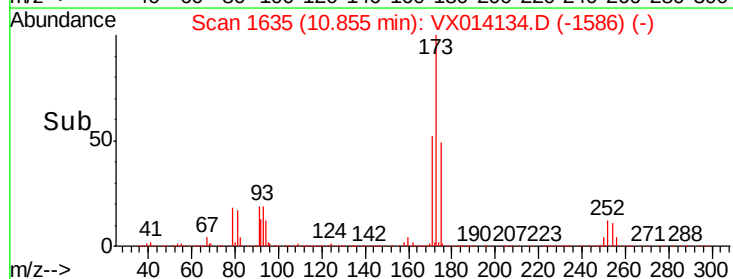
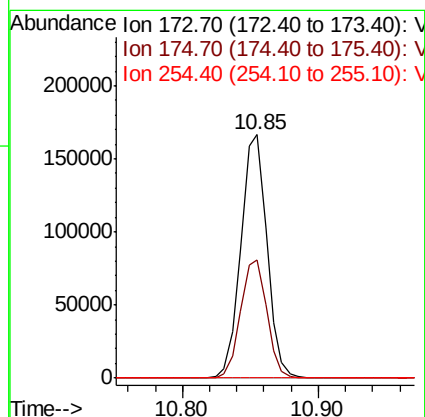
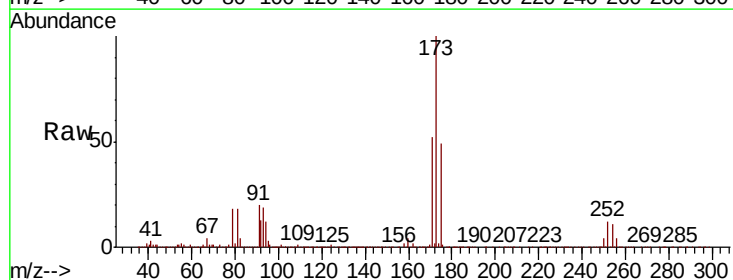
Instrument :
MSVOA_X
ClientSampleId :

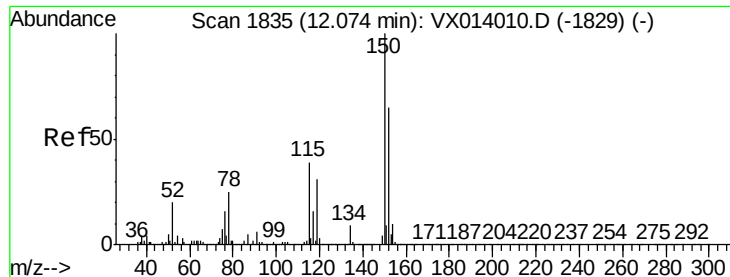
Tot Ion:104 Resp: 852468
Ion Ratio Lower Upper
104 100
78 54.9 38.5 57.7
103 59.9 42.9 64.3



#71
Bromoform
Concen: 51.334 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX014134.D
Acq: 19 Dec 2019 20:30

Tgt Ion:173 Resp: 222827
Ion Ratio Lower Upper
173 100
175 49.3 24.4 73.4
254 0.3 0.2 0.2#



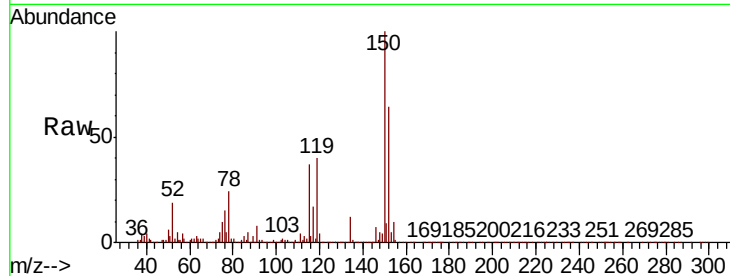


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014134.D
Acq: 19 Dec 2019 20:30

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
115	81.0	38.3	114.9
150	171.2	0.0	345.4

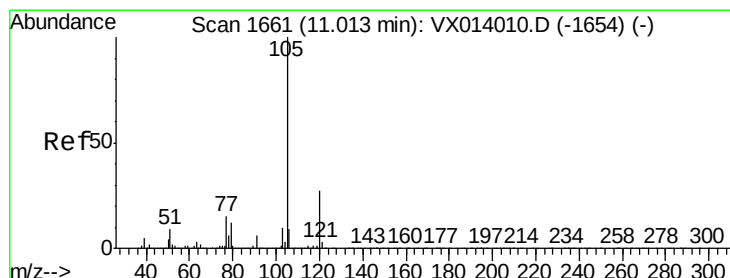
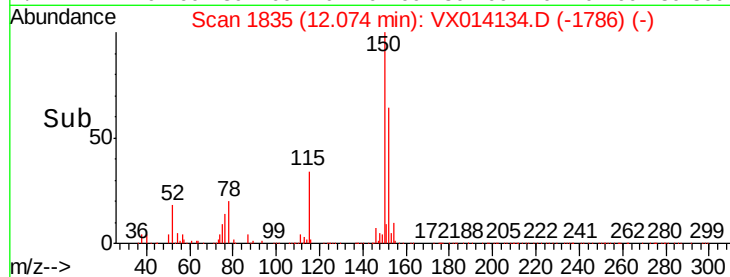
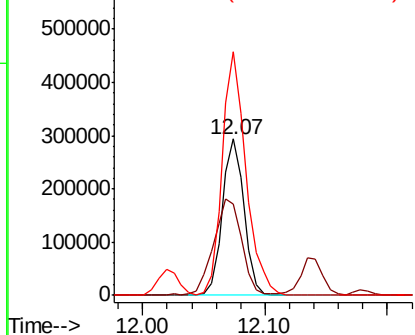


Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

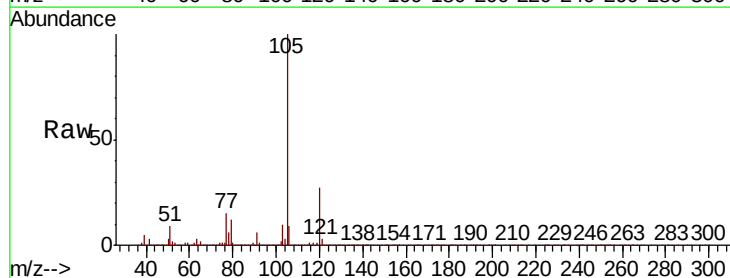
Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene
Concen: 73.473 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX014134.D
Acq: 19 Dec 2019 20:30

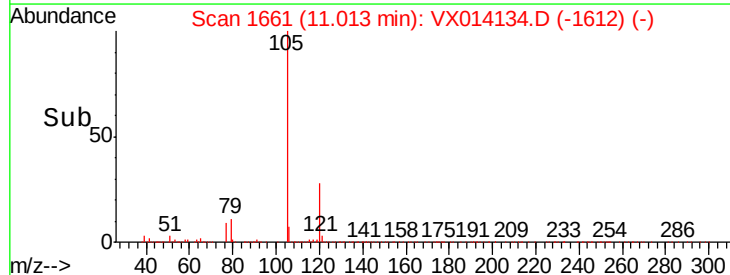
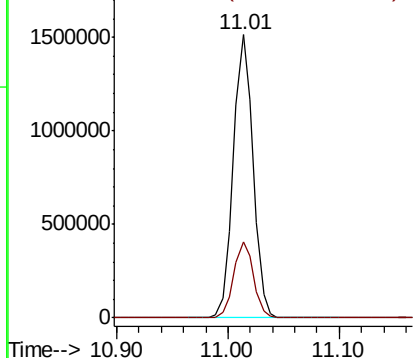
Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.0	13.5	40.4

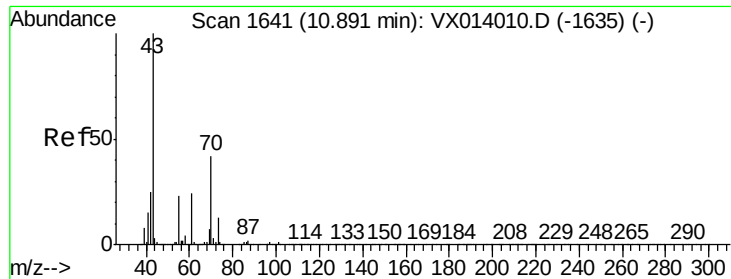


Abundance

Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 51.479 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014134.D

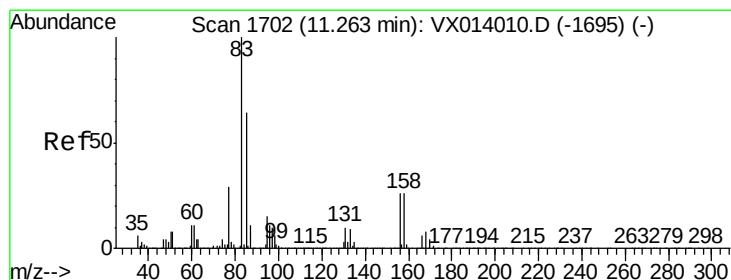
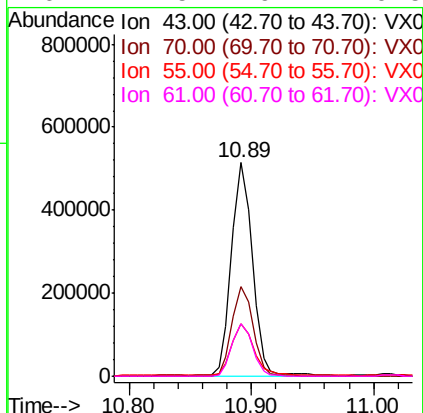
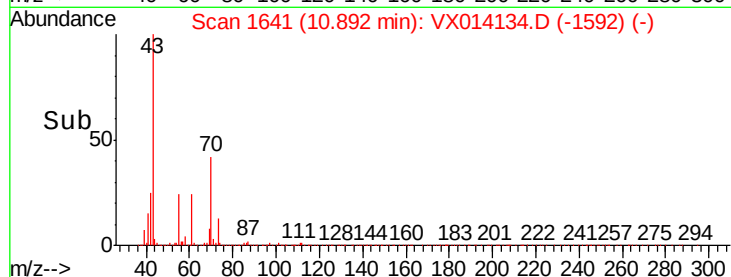
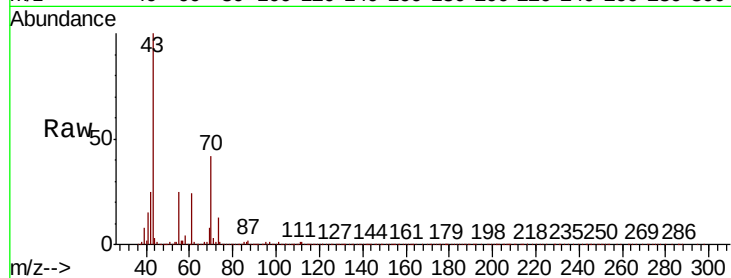
Acq: 19 Dec 2019 20:30

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion:	43	Resp:	608919
Ion	Ratio	Lower	Upper
43	100		
70	42.9	34.4	51.6
55	26.8	19.1	28.7
61	24.5	19.7	29.5



#75

1,1,2,2-Tetrachloroethane

Concen: 51.128 ug/l

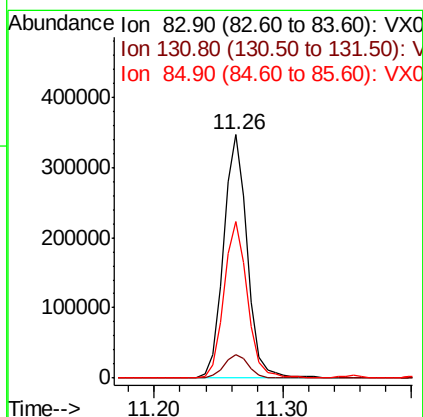
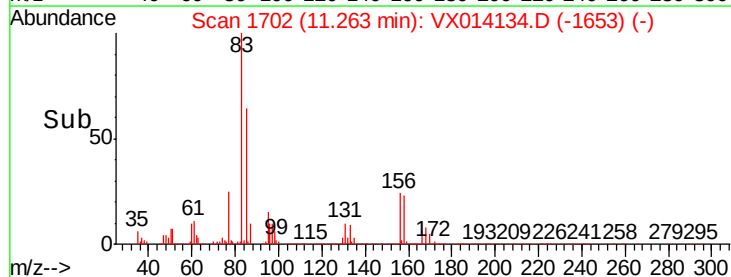
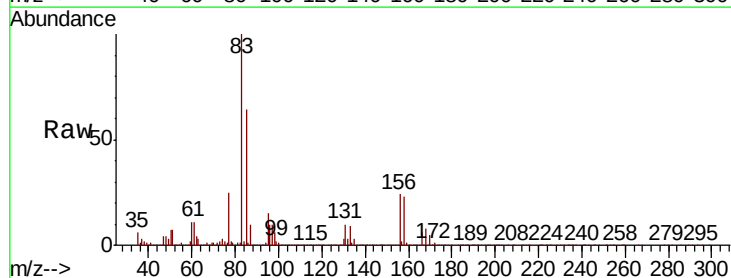
RT: 11.26 min Scan# 1702

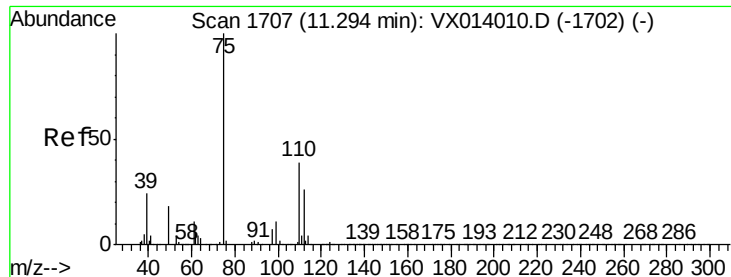
Delta R.T. 0.00 min

Lab File: VX014134.D

Acq: 19 Dec 2019 20:30

Tgt Ion:	83	Resp:	447303
Ion	Ratio	Lower	Upper
83	100		
131	9.9	5.1	15.2
85	64.1	31.9	95.7

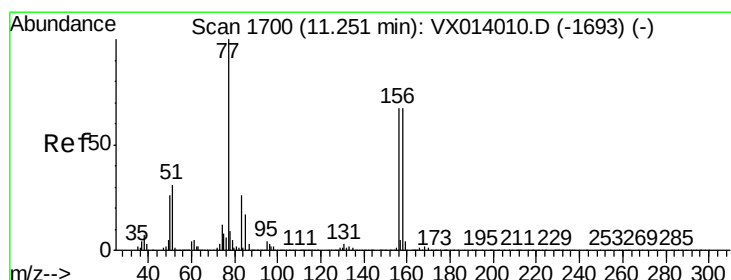
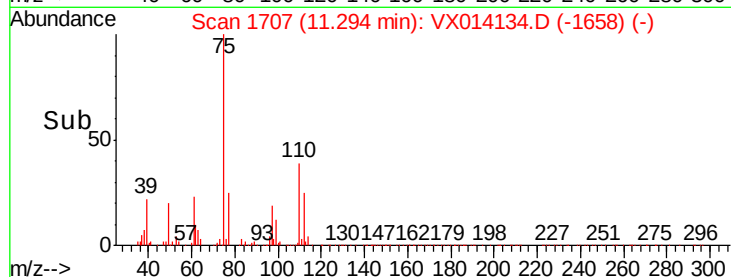
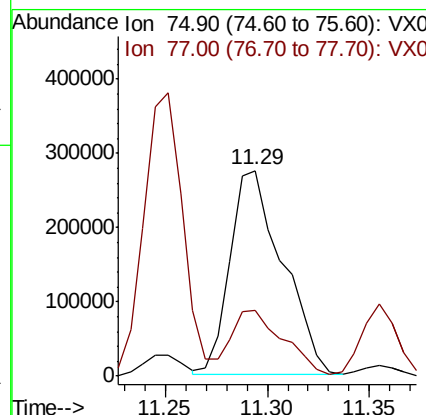
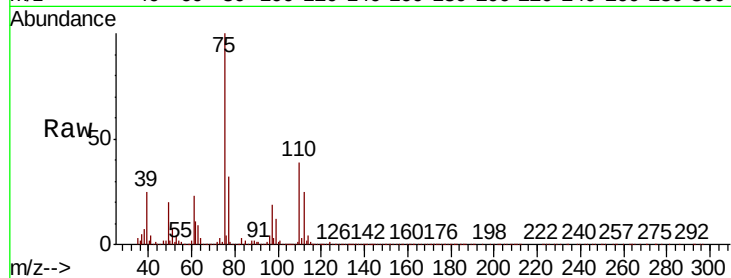




#76
 1,2,3-Trichloropropane
 Concen: 63.251 ug/l
 RT: 11.29 min Scan# 1707
 Delta R.T. 0.00 min
 Lab File: VX014134.D
 Acq: 19 Dec 2019 20:30

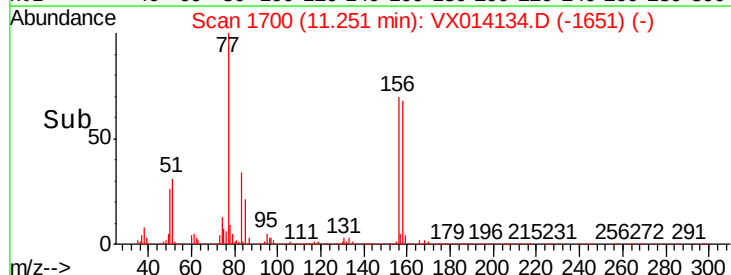
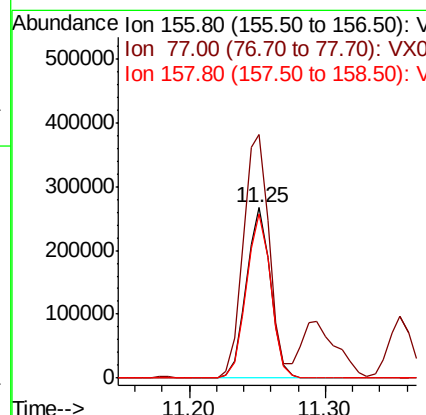
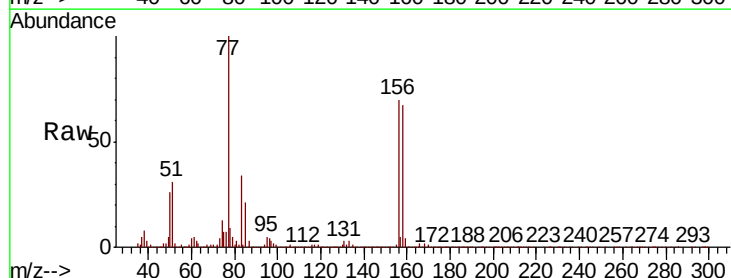
Instrument :
 MSVOA_X
 ClientSampled :

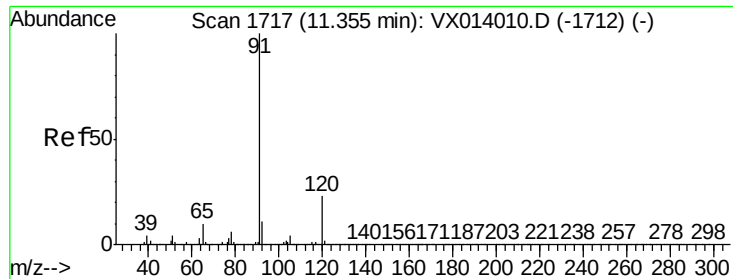
Tot Ion: 75 Resp: 492152
 Ion Ratio Lower Upper
 75 100
 77 31.2 19.3 57.8



#77
 Bromobenzene
 Concen: 47.871 ug/l
 RT: 11.25 min Scan# 1700
 Delta R.T. 0.00 min
 Lab File: VX014134.D
 Acq: 19 Dec 2019 20:30

Tgt Ion: 156 Resp: 332369
 Ion Ratio Lower Upper
 156 100
 77 153.6 76.5 229.5
 158 97.0 49.3 147.9





#78

n-propylbenzene

Concen: 104.425 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX014134.D

Acq: 19 Dec 2019 20:30

Instrument :

MSVOA_X

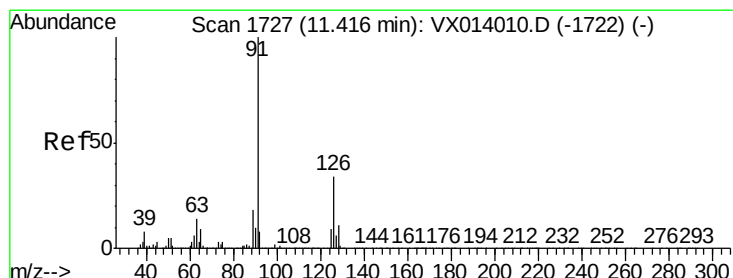
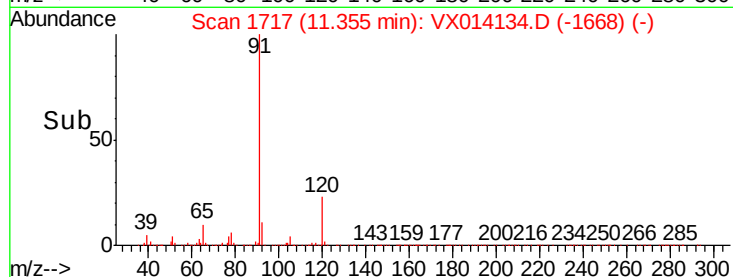
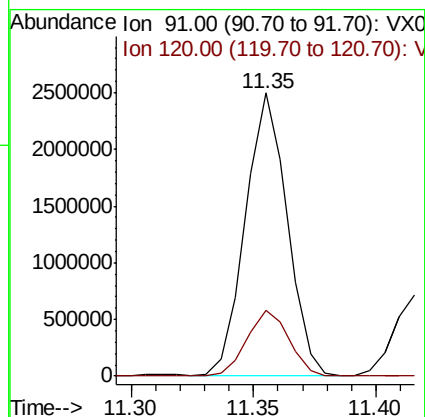
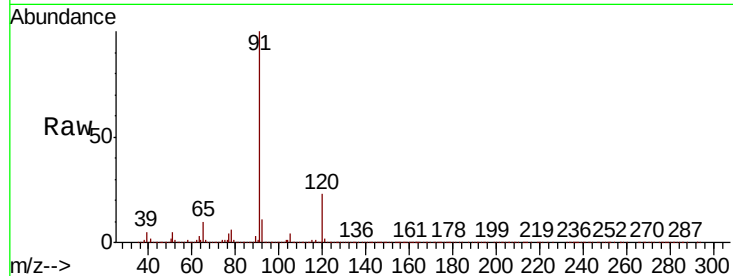
ClientSampled :

Tot Ion: 91 Resp: 2955750

Ion Ratio Lower Upper

91 100

120 23.5 11.7 35.0



#79

2-Chlorotoluene

Concen: 51.070 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX014134.D

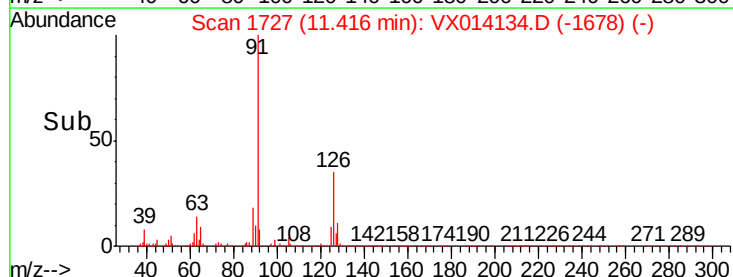
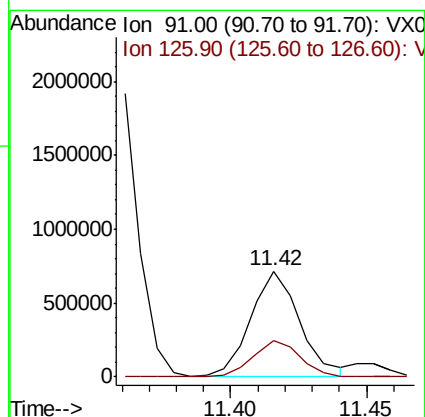
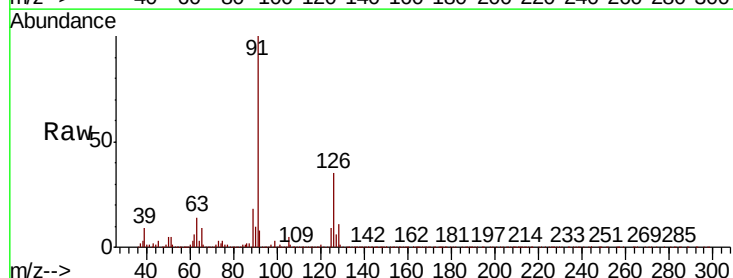
Acq: 19 Dec 2019 20:30

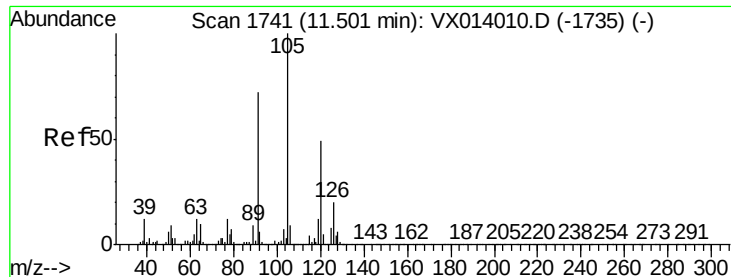
Tgt Ion: 91 Resp: 878702

Ion Ratio Lower Upper

91 100

126 34.1 17.2 51.6





#80

1,3,5-Trimethylbenzene

Concen: 69.803 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX014134.D

Acq: 19 Dec 2019 20:30

Instrument :

MSVOA_X

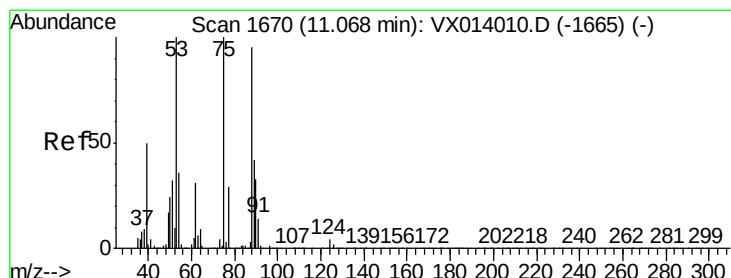
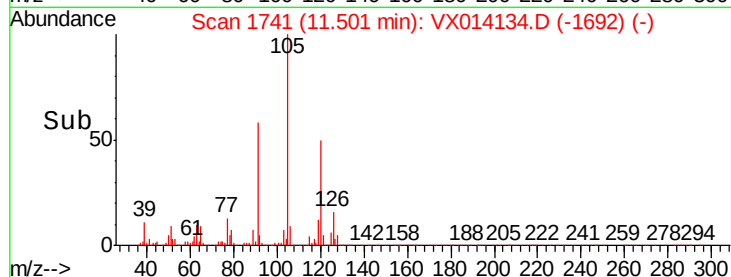
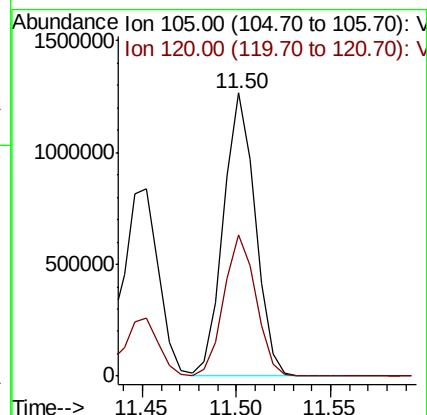
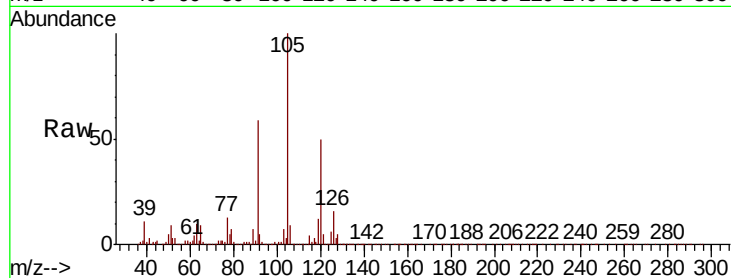
ClientSampleId :

Tot Ion:105 Resp: 1482437

Ion Ratio Lower Upper

105 100

120 50.0 25.3 75.8



#81

trans-1,4-Dichloro-2-butene

Concen: 50.239 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX014134.D

Acq: 19 Dec 2019 20:30

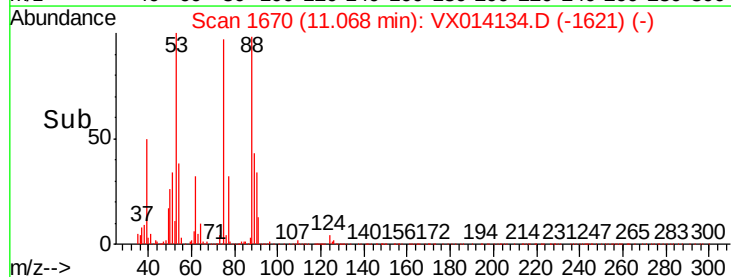
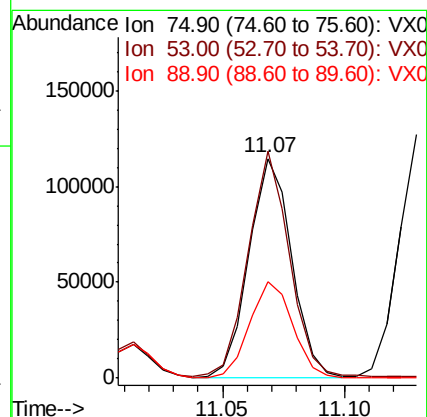
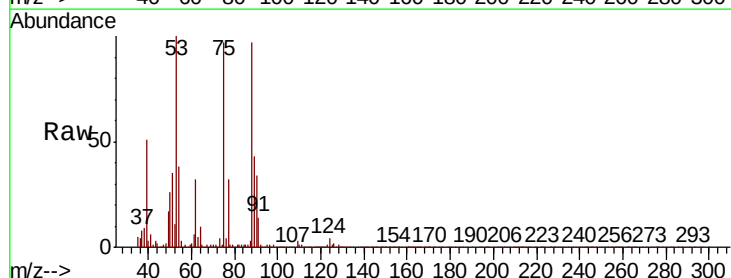
Tgt Ion: 75 Resp: 138496

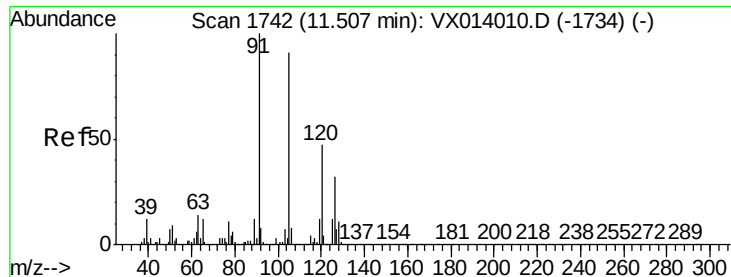
Ion Ratio Lower Upper

75 100

53 98.9 76.7 115.1

89 45.0 34.6 51.8





#82

4-Chlorotoluene

Concen: 51.839 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX014134.D

Acq: 19 Dec 2019 20:30

Instrument :

MSVOA_X

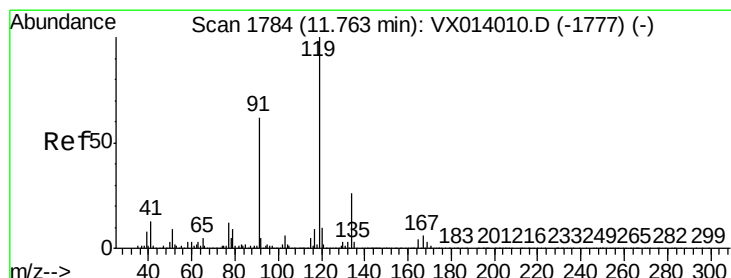
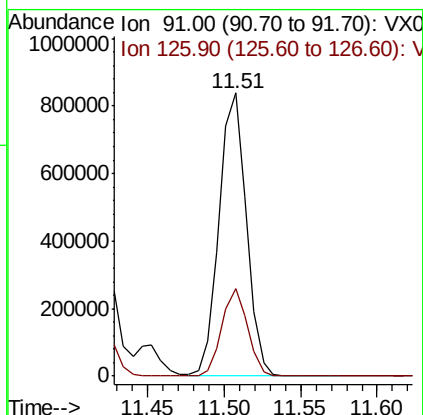
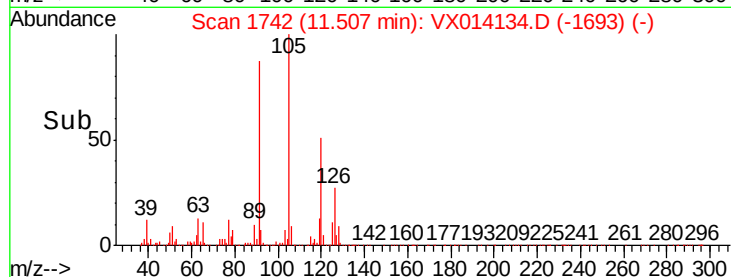
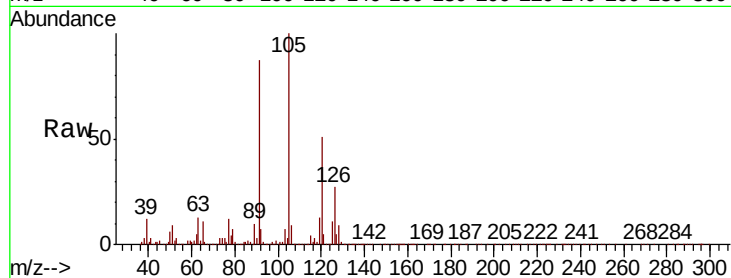
ClientSampleId :

Tot Ion: 91 Resp: 1034625

Ion Ratio Lower Upper

91 100

126 29.0 15.6 46.8



#83

tert-Butylbenzene

Concen: 53.078 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VX014134.D

Acq: 19 Dec 2019 20:30

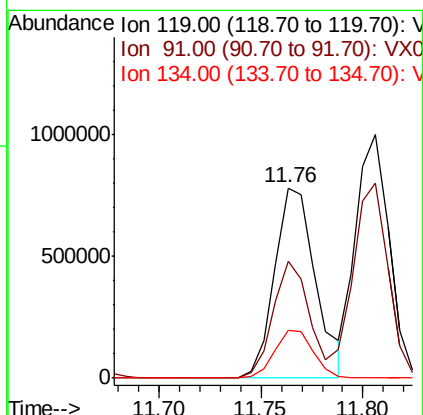
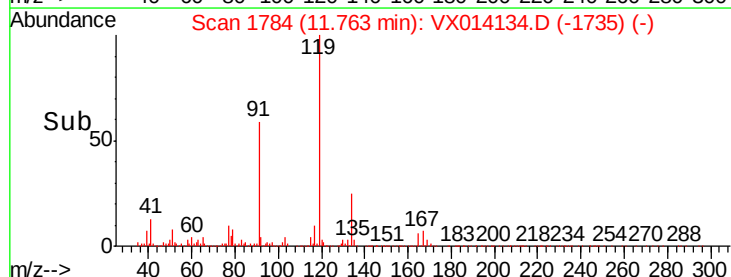
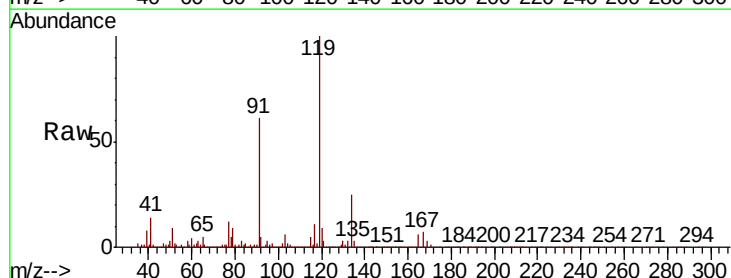
Tgt Ion: 119 Resp: 1096989

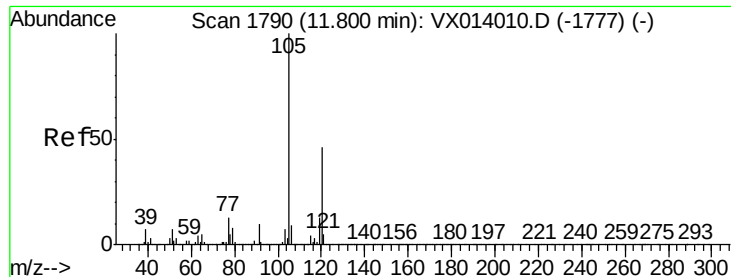
Ion Ratio Lower Upper

119 100

91 54.0 28.5 85.6

134 23.9 12.2 36.6

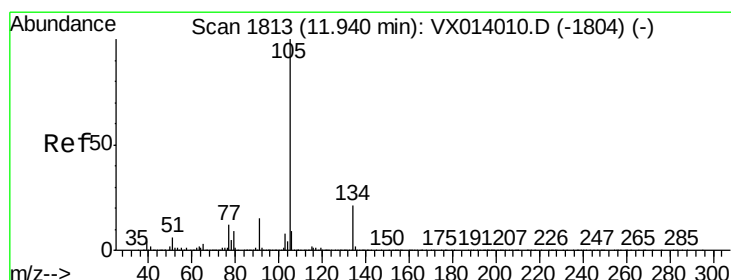
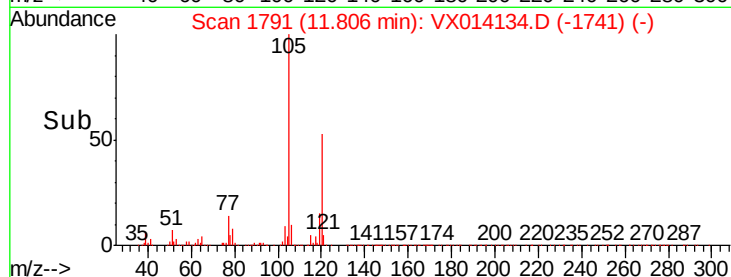
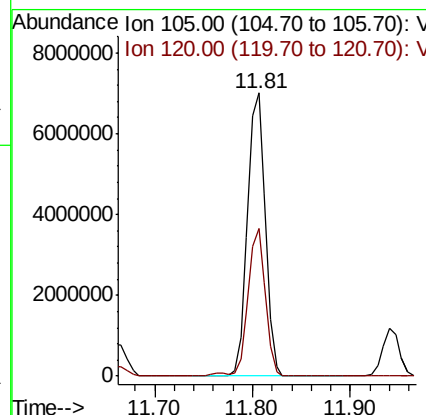
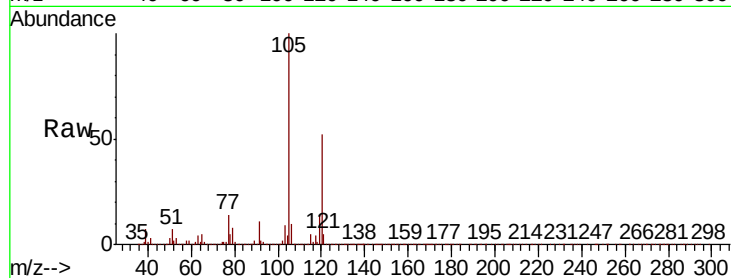




#84
 1,2,4-Trimethylbenzene
 Concen: 417.504 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. 0.01 min
 Lab File: VX014134.D
 Acq: 19 Dec 2019 20:30

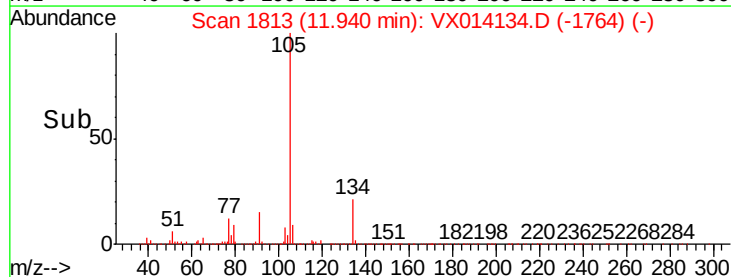
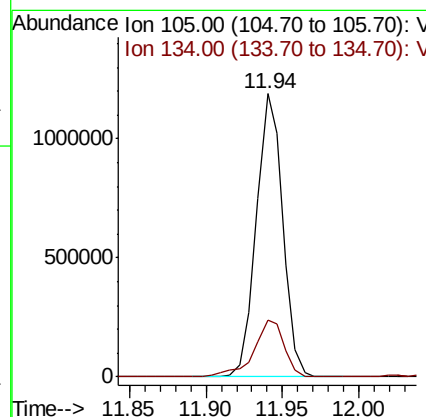
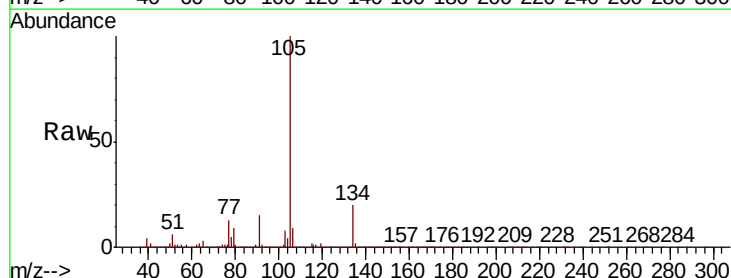
Instrument :
 MSVOA_X
 ClientSampleId :

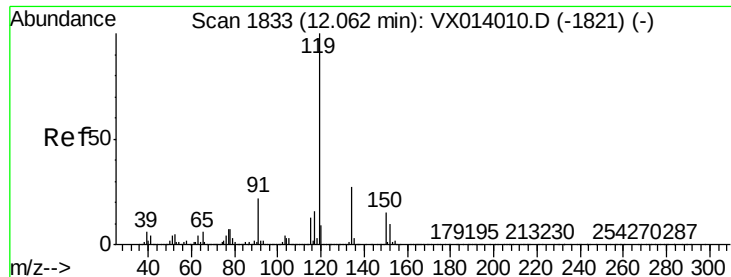
Tot Ion:105 Resp: 8879566
 Ion Ratio Lower Upper
 105 100
 120 49.9 23.1 69.2



#85
 sec-Butylbenzene
 Concen: 58.337 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX014134.D
 Acq: 19 Dec 2019 20:30

Tgt Ion:105 Resp: 1423351
 Ion Ratio Lower Upper
 105 100
 134 23.1 10.4 31.1

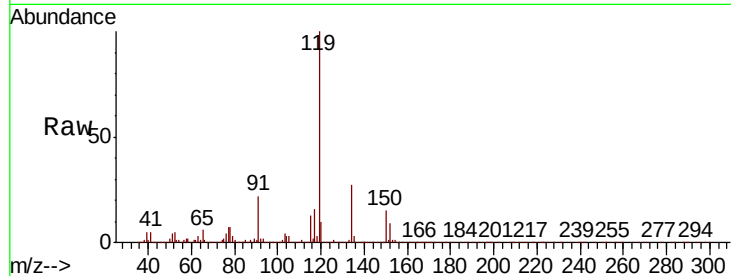




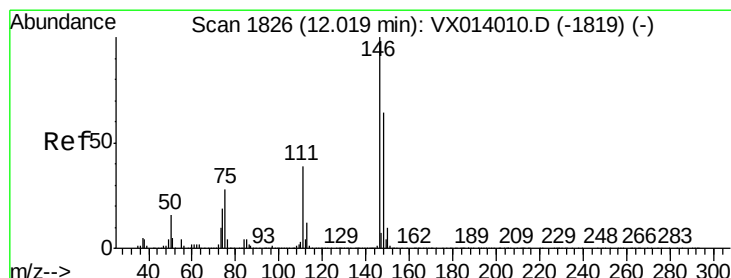
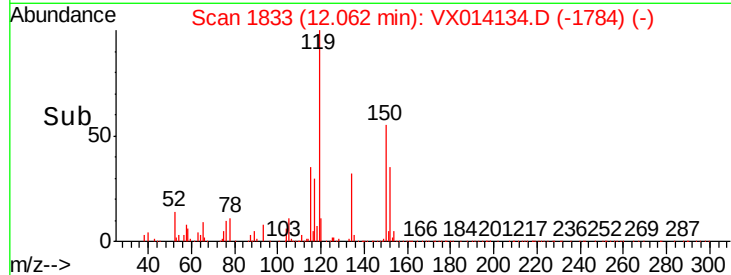
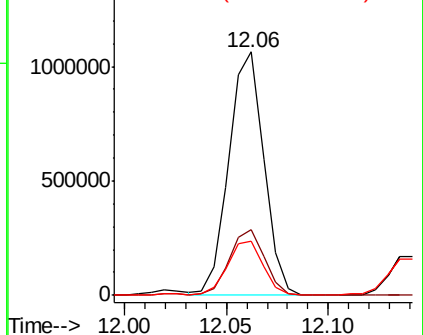
#86
 p-Isopropyltoluene
 Concen: 56.588 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. 0.00 min
 Lab File: VX014134.D
 Acq: 19 Dec 2019 20:30

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:119 Resp: 1262942
 Ion Ratio Lower Upper
 119 100
 134 27.1 13.4 40.1
 91 22.4 11.4 34.1

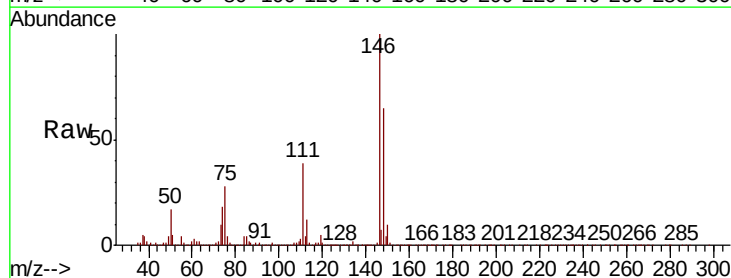


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 134.00 (133.70 to 134.70): V
 Ion 91.00 (90.70 to 91.70): V

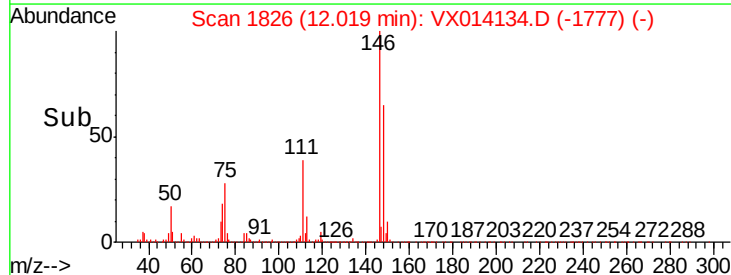
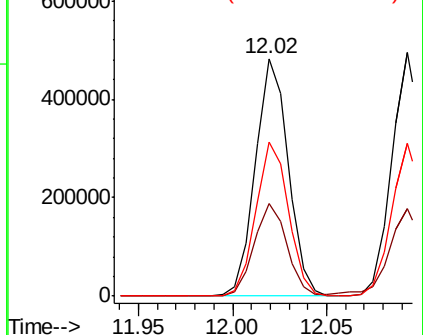


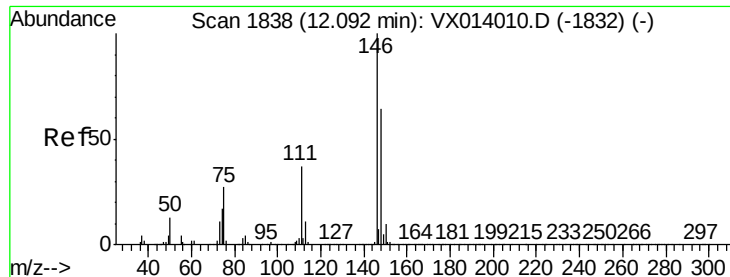
#87
 1,3-Dichlorobenzene
 Concen: 48.060 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX014134.D
 Acq: 19 Dec 2019 20:30

Tgt Ion:146 Resp: 584803
 Ion Ratio Lower Upper
 146 100
 111 38.9 19.1 57.1
 148 64.3 32.3 96.9



Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V





#88

1,4-Dichlorobenzene

Concen: 47.565 ug/l

RT: 12.09 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VX014134.D

Acq: 19 Dec 2019 20:30

Instrument :

MSVOA_X

ClientSampleId :

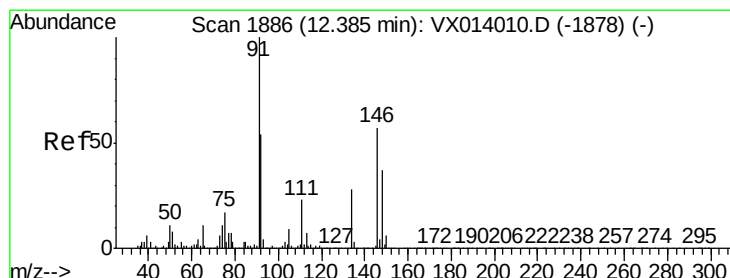
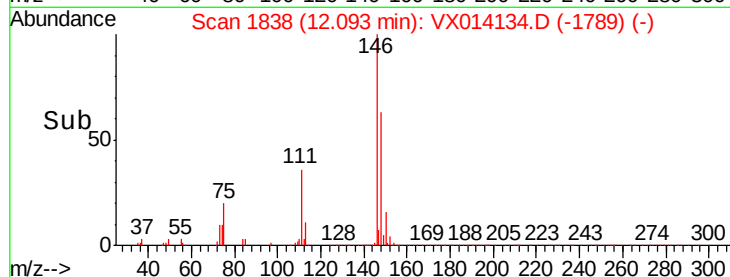
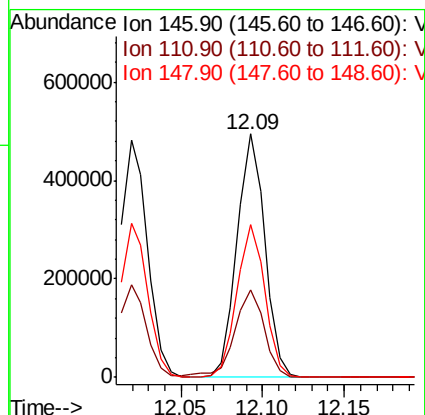
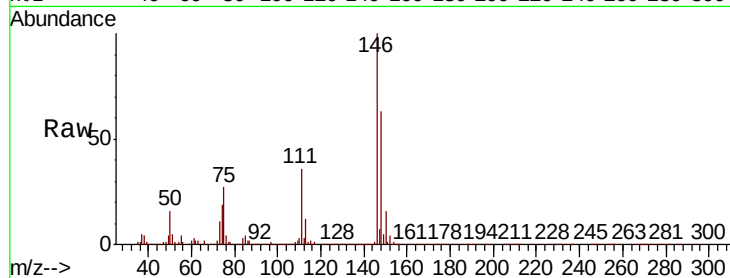
Tot Ion:146 Resp: 588513

Ion Ratio Lower Upper

146 100

111 38.1 18.7 56.1

148 63.1 31.9 95.9



#89

n-Butylbenzene

Concen: 71.057 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014134.D

Acq: 19 Dec 2019 20:30

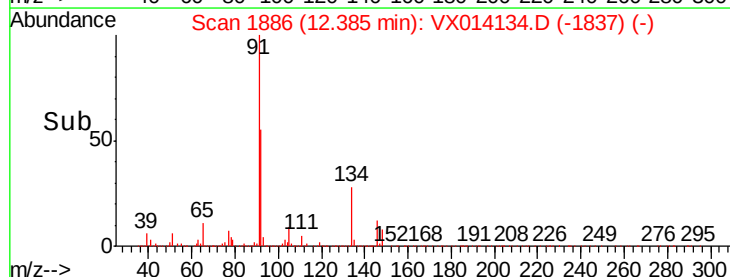
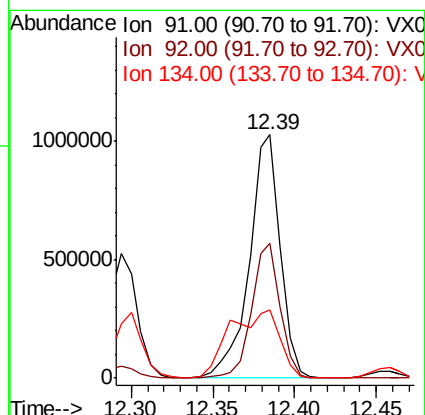
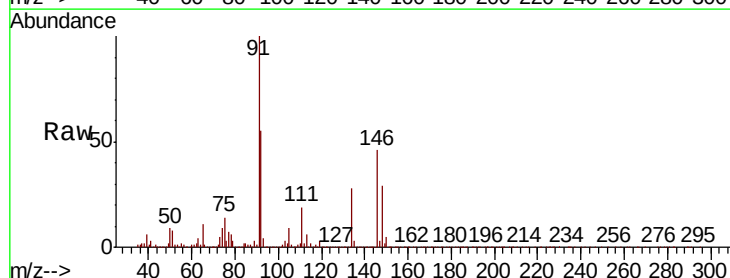
Tgt Ion: 91 Resp: 1353181

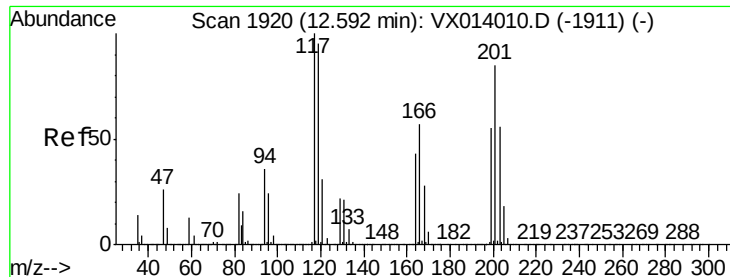
Ion Ratio Lower Upper

91 100

92 51.1 27.2 81.6

134 45.6 13.4 40.1#





#90

Hexachloroethane

Concen: 82.981 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VX014134.D

Acq: 19 Dec 2019 20:30

Instrument :

MSVOA_X

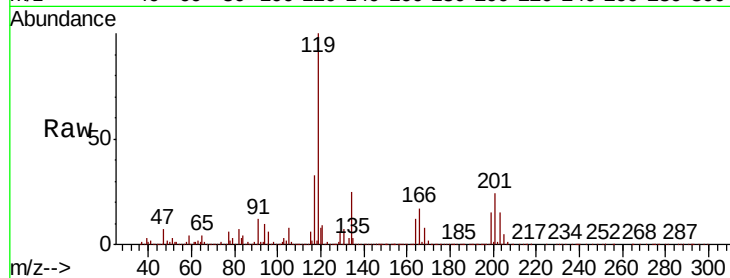
ClientSampled :

Tot Ion:117 Resp: 332652

Ion Ratio Lower Upper

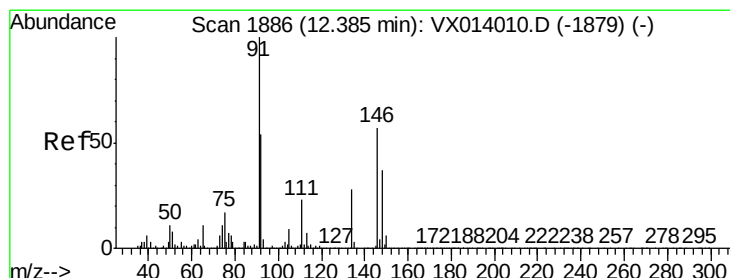
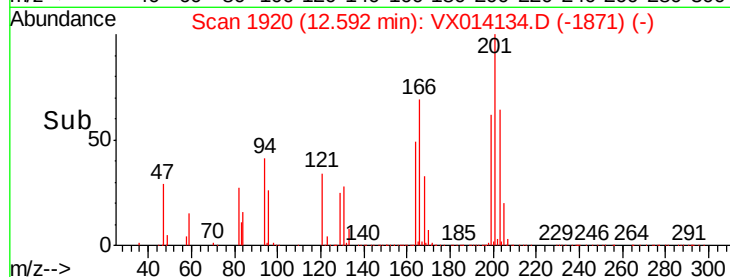
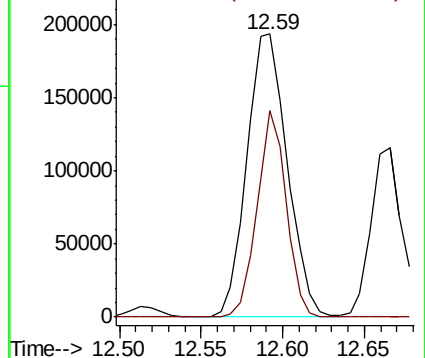
117 100

201 52.9 43.1 129.3



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#91

1,2-Dichlorobenzene

Concen: 48.178 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014134.D

Acq: 19 Dec 2019 20:30

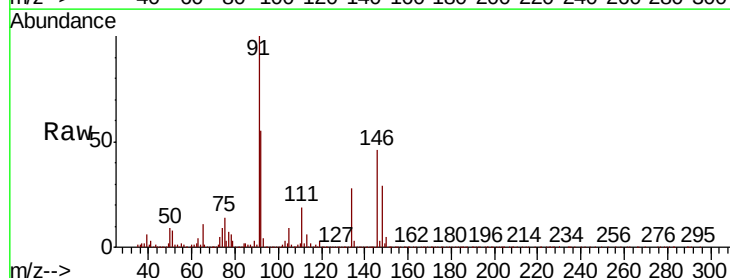
Tgt Ion:146 Resp: 590153

Ion Ratio Lower Upper

146 100

111 39.3 19.7 59.1

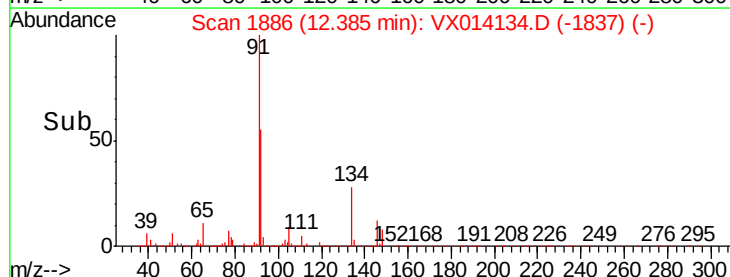
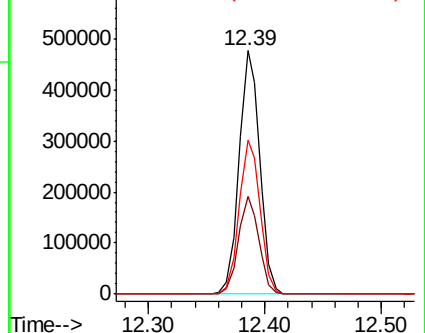
148 63.9 32.1 96.5

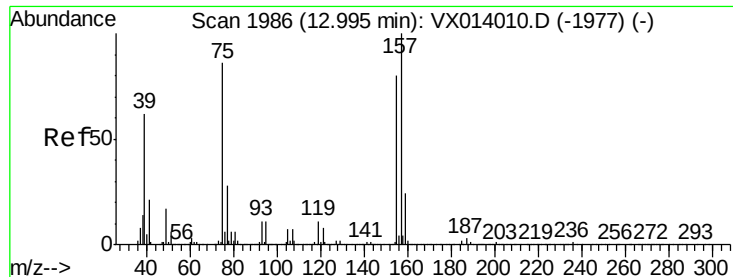


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#92

1,2-Dibromo-3-Chloropropane

Concen: 61.941 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VX014134.D

Acq: 19 Dec 2019 20:30

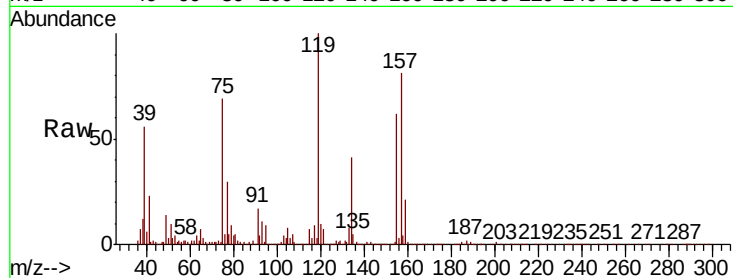
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 75 Resp: 119919

Ion	Ratio	Lower	Upper
75	100		
155	76.8	46.9	140.6
157	97.5	60.8	182.4

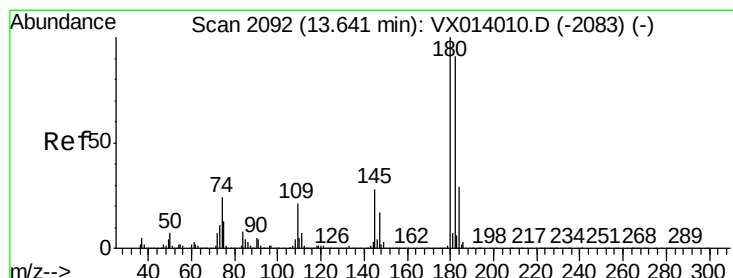
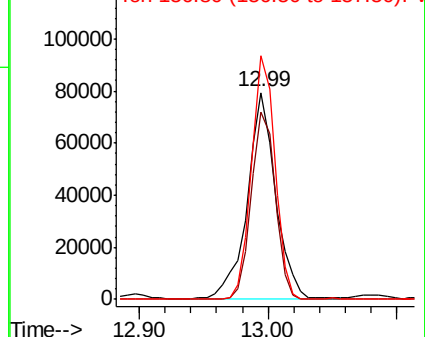
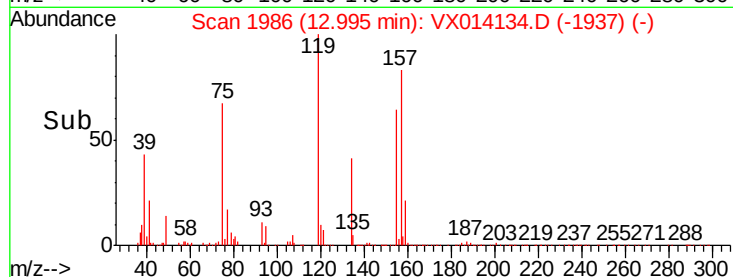


Abundance

Ion 74.90 (74.60 to 75.60): VX014134.D (-1937) (-)

Ion 154.80 (154.50 to 155.50): VX014134.D (-1937) (-)

Ion 156.80 (156.50 to 157.50): VX014134.D (-1937) (-)



#93

1,2,4-Trichlorobenzene

Concen: 51.464 ug/l

RT: 13.64 min Scan# 2092

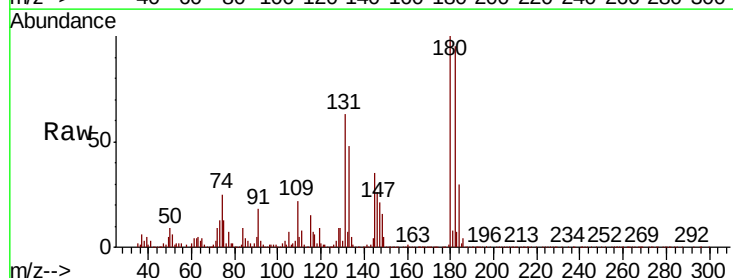
Delta R.T. 0.00 min

Lab File: VX014134.D

Acq: 19 Dec 2019 20:30

Tgt Ion: 180 Resp: 409732

Ion	Ratio	Lower	Upper
180	100		
182	97.2	46.6	139.8
145	35.1	14.2	42.6

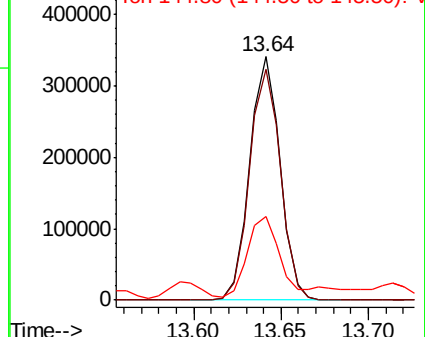
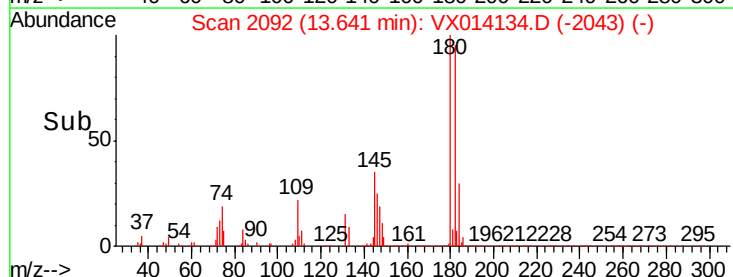


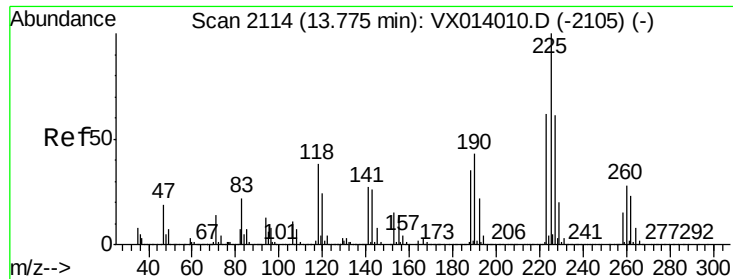
Abundance

Ion 179.80 (179.50 to 180.50): VX014134.D (-2043) (-)

Ion 181.80 (181.50 to 182.50): VX014134.D (-2043) (-)

Ion 144.80 (144.50 to 145.50): VX014134.D (-2043) (-)

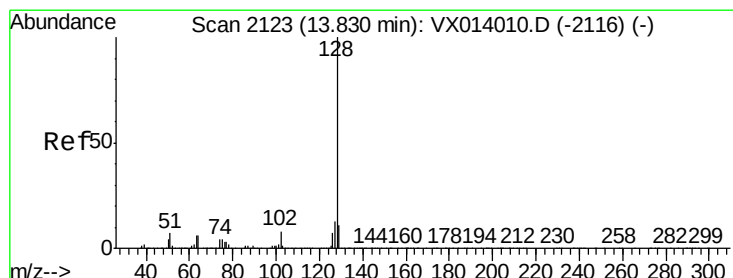
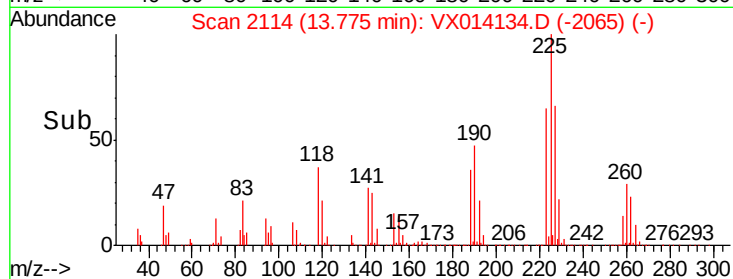
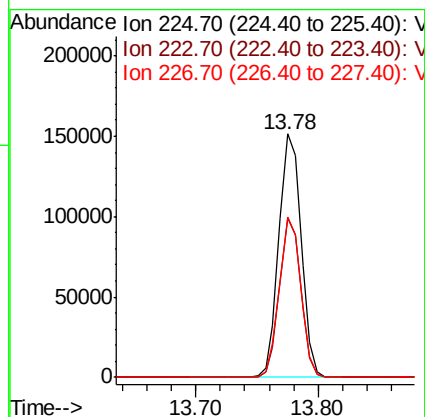
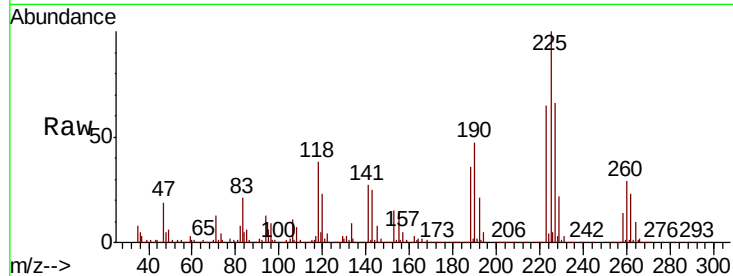




#94
Hexachlorobutadiene
Concen: 49.894 ug/l
RT: 13.78 min Scan# 2114
Delta R.T. 0.00 min
Lab File: VX014134.D
Acq: 19 Dec 2019 20:30

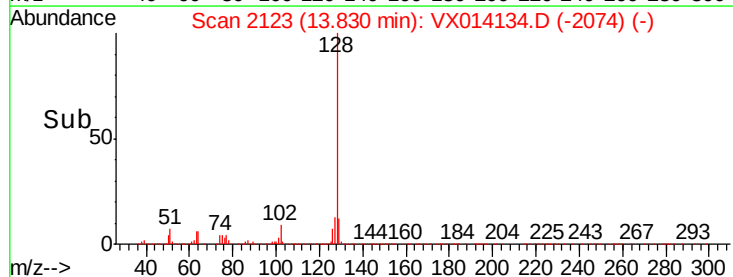
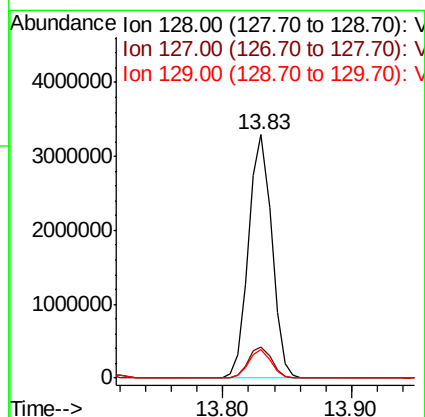
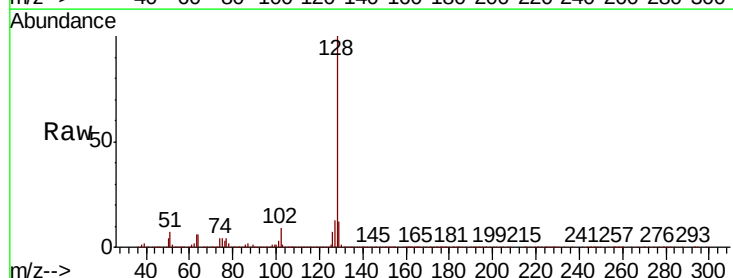
Instrument :
MSVOA_X
ClientSampleId :

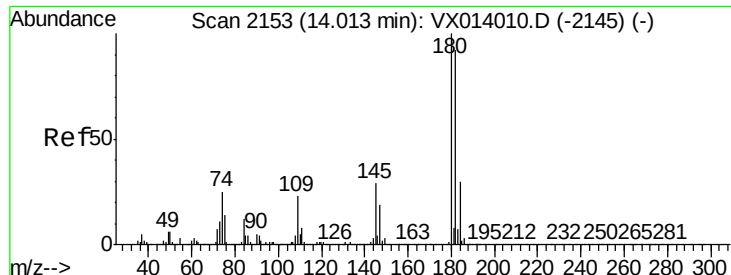
Tot Ion	Ratio	Lower	Upper
225	100		
223	63.1	30.9	92.5
227	63.0	30.9	92.7



#95
Naphthalene
Concen: 174.132 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014134.D
Acq: 19 Dec 2019 20:30

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.2	15.4
129	11.6	8.7	13.1

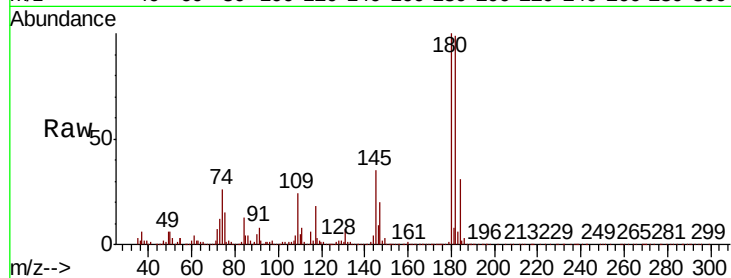




#96
 1,2,3-Trichlorobenzene
 Concen: 53.086 ug/l
 RT: 14.01 min Scan# 2153
 Delta R.T. 0.00 min
 Lab File: VX014134.D
 Acq: 19 Dec 2019 20:30

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.9	46.8	140.3
145	34.5	14.8	44.4



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

