

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX020520\
 Data File : VX014829.D
 Acq On : 05 Feb 2020 17:50
 Operator : JC/SP
 Sample : VX0205WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 06 02:56:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 22 12:35:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	408191	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	616857	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	562226	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	283033	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	229090	48.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.12%	
35) Dibromofluoromethane	5.49	113	188899	48.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.06%	
50) Toluene-d8	8.71	98	712202	47.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.20%	
62) 4-Bromofluorobenzene	11.13	95	251564	47.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.38%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.19	85	93564	17.427	ug/l	98
3) Chloromethane	1.32	50	94747	17.158	ug/l	99
4) Vinyl Chloride	1.40	62	108456	18.165	ug/l	98
5) Bromomethane	1.64	94	66201	16.324	ug/l	99
6) Chloroethane	1.72	64	65663	18.346	ug/l	97
7) Trichlorofluoromethane	1.92	101	129811	18.672	ug/l	99
8) Diethyl Ether	2.18	74	58371	19.236	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.38	101	74785	18.324	ug/l	98
10) Methyl Iodide	2.50	142	98143	18.327	ug/l	99
11) Tert butyl alcohol	3.03	59	93595	87.457	ug/l	99
12) 1,1-Dichloroethene	2.37	96	73526	18.120	ug/l	100
13) Acrolein	2.28	56	69642	82.533	ug/l	96
14) Allyl chloride	2.72	41	136149	18.667	ug/l	98
15) Acrylonitrile	3.13	53	228953	92.464	ug/l	99
16) Acetone	2.43	43	242342	92.858	ug/l	99
17) Carbon Disulfide	2.56	76	176384	15.904	ug/l	99
18) Methyl Acetate	2.76	43	145357	19.492	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	264242	19.881	ug/l	99
20) Methylene Chloride	2.85	84	88109	18.226	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	81416	18.223	ug/l	96
22) Diisopropyl ether	3.84	45	280787	19.350	ug/l	97
23) Vinyl Acetate	3.80	43	1046943	94.647	ug/l	100
24) 1,1-Dichloroethane	3.69	63	150283	19.070	ug/l	99
25) 2-Butanone	4.65	43	334469	89.358	ug/l	99
26) 2,2-Dichloropropane	4.58	77	119383	18.926	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	94904	18.979	ug/l	99
28) Bromochloromethane	5.00	49	56890	16.428	ug/l	96
29) Tetrahydrofuran	5.12	42	199957	90.008	ug/l	98
30) Chloroform	5.20	83	150940	19.335	ug/l	98
31) Cyclohexane	5.57	56	129430	17.462	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	127409	19.308	ug/l	98
36) 1,1-Dichloropropene	5.79	75	107798	18.807	ug/l	98
37) Ethyl Acetate	4.82	43	122641	18.681	ug/l	99
38) Carbon Tetrachloride	5.78	117	106994	19.545	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX020520\
 Data File : VX014829.D
 Acq On : 05 Feb 2020 17:50
 Operator : JC/SP
 Sample : VX0205WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 06 02:56:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 22 12:35:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	128794	17.936	ug/l	97
40) Benzene	6.14	78	336680	19.011	ug/l	98
41) Methacrylonitrile	5.03	41	70914	18.775	ug/l	98
42) 1,2-Dichloroethane	6.18	62	124773	20.402	ug/l	99
43) Isopropyl Acetate	6.43	43	202500	18.837	ug/l	99
44) Trichloroethene	7.21	130	94085	18.808	ug/l	97
45) 1,2-Dichloropropane	7.51	63	88346	19.363	ug/l	99
46) Dibromomethane	7.65	93	59511	20.139	ug/l	97
47) Bromodichloromethane	7.89	83	115574	19.942	ug/l	98
48) Methyl methacrylate	7.76	41	97740	19.029	ug/l	96
49) 1,4-Dioxane	7.73	88	39172	359.772	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	641000	94.473	ug/l	100
52) Toluene	8.78	92	212008	19.474	ug/l	95
53) t-1,3-Dichloropropene	9.03	75	124129	19.891	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	137283	19.997	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	89718	20.129	ug/l	98
56) Ethyl methacrylate	9.17	69	134251	18.917	ug/l	99
57) 1,3-Dichloropropane	9.37	76	153085	20.091	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	214072	95.501	ug/l	100
59) 2-Hexanone	9.48	43	484655	92.051	ug/l	99
60) Dibromochloromethane	9.57	129	92553	19.894	ug/l	100
61) 1,2-Dibromoethane	9.67	107	93054	19.746	ug/l	99
64) Tetrachloroethene	9.33	164	107193	19.261	ug/l	98
65) Chlorobenzene	10.14	112	233977	19.456	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	88100	19.869	ug/l	99
67) Ethyl Benzene	10.25	91	399430	19.452	ug/l	99
68) m/p-Xylenes	10.35	106	304158	39.099	ug/l	98
69) o-Xylene	10.70	106	147835	19.685	ug/l	99
70) Styrene	10.71	104	254068	20.168	ug/l	100
71) Bromoform	10.85	173	69362	19.671	ug/l #	97
73) Isopropylbenzene	11.01	105	397450	19.971	ug/l	100
74) N-amyl acetate	10.89	43	171278	19.640	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	132079	18.588	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	148278	22.518	ug/l	90
77) Bromobenzene	11.25	156	106864	19.988	ug/l	98
78) n-propylbenzene	11.35	91	446759	19.777	ug/l	100
79) 2-Chlorotoluene	11.42	91	264363	19.342	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	333202	20.173	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	40509	17.507	ug/l	94
82) 4-Chlorotoluene	11.51	91	309618	19.898	ug/l	99
83) tert-Butylbenzene	11.76	119	310638	20.014	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	332551	20.073	ug/l	99
85) sec-Butylbenzene	11.94	105	383829	20.187	ug/l	100
86) p-Isopropyltoluene	12.06	119	352293	20.049	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	187100	19.473	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	185272	19.250	ug/l	98
89) n-Butylbenzene	12.39	91	291633	19.056	ug/l	99
90) Hexachloroethane	12.59	117	60329	18.484	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	186925	19.588	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	28124	18.422	ug/l	98

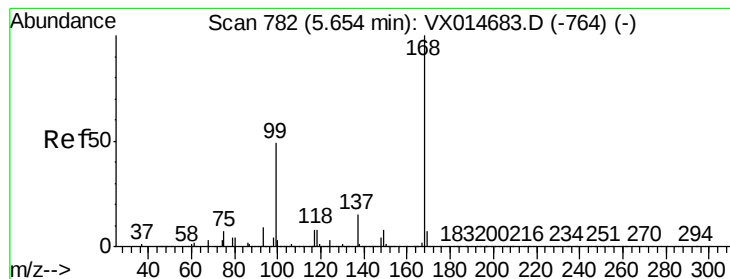
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX020520\
Data File : VX014829.D
Acq On : 05 Feb 2020 17:50
Operator : JC/SP
Sample : VX0205WBSD02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Feb 06 02:56:08 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012220W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 22 12:35:15 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	121621	19.768	ug/l	98
94) Hexachlorobutadiene	13.77	225	61291	19.355	ug/l	96
95) Naphthalene	13.83	128	371486	19.307	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	128624	20.675	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.00 min

Lab File: VX014829.D

Acq: 05 Feb 2020 17:50

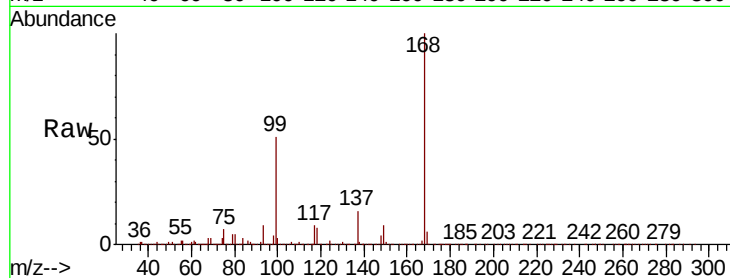
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 408191

Ion Ratio Lower Upper

168 100

99 51.2 39.8 59.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

150000

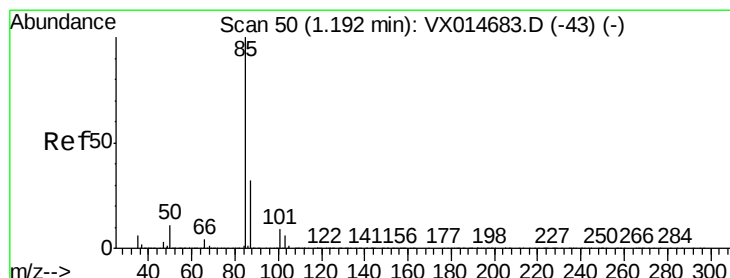
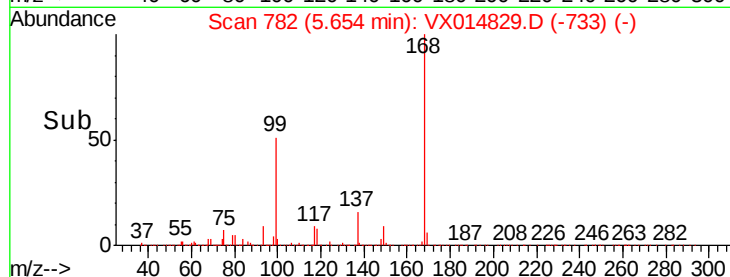
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 17.427 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014829.D

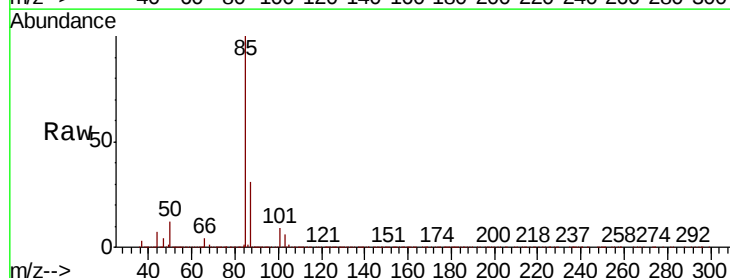
Acq: 05 Feb 2020 17:50

Tgt Ion: 85 Resp: 93564

Ion Ratio Lower Upper

85 100

87 31.1 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

100000

80000

60000

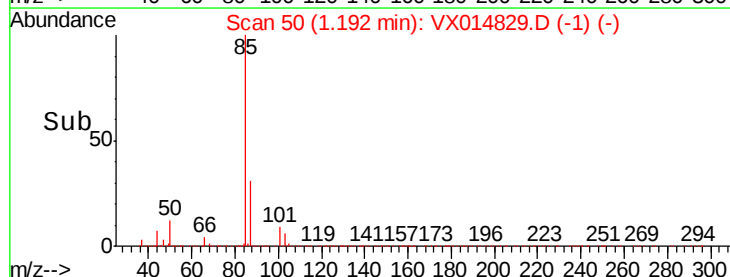
40000

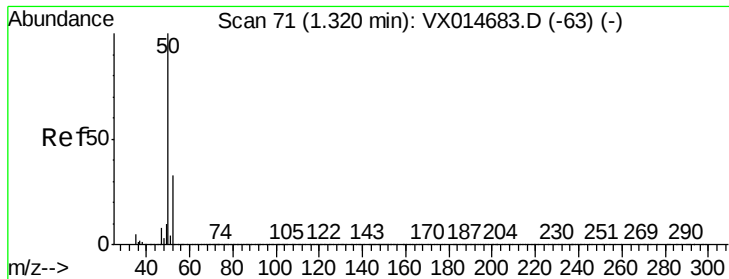
20000

0

Time-->

1.10 1.15 1.20 1.25 1.30

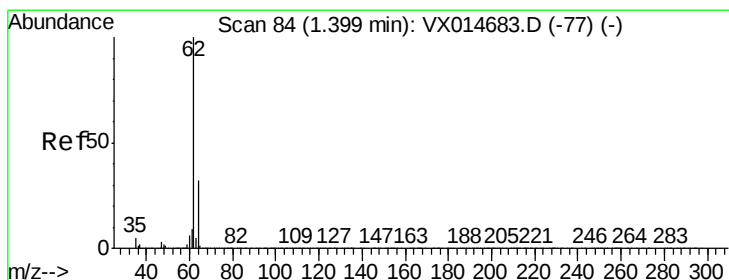
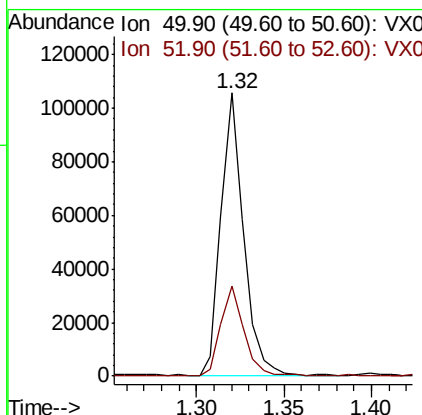
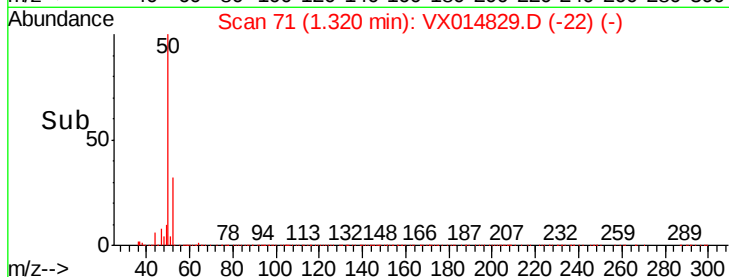
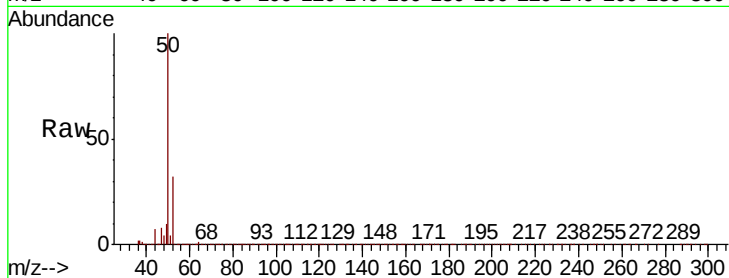




#3
Chloromethane
Concen: 17.158 ug/l
RT: 1.32 min Scan# 71
Delta R.T. 0.00 min
Lab File: VX014829.D
Acq: 05 Feb 2020 17:50

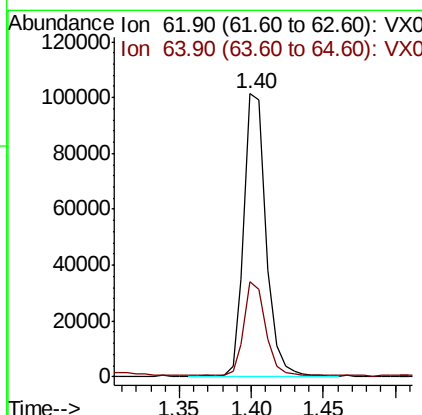
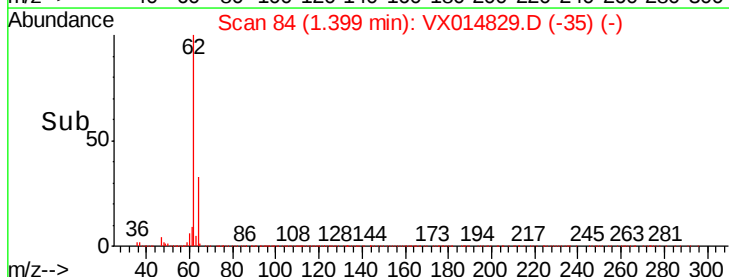
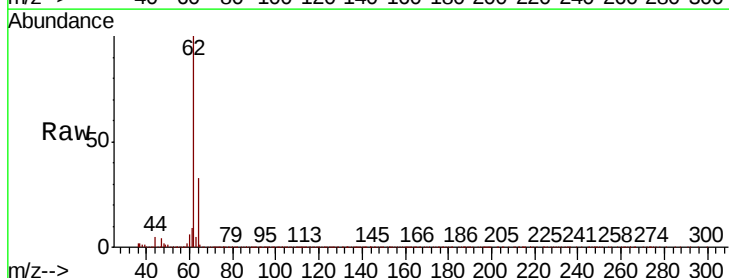
Instrument :
MSVOA_X
ClientSampleId :

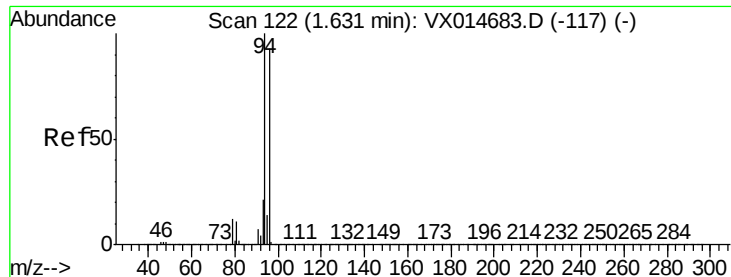
Tot Ion: 50 Resp: 94747
Ion Ratio Lower Upper
50 100
52 31.9 26.2 39.2



#4
Vinyl Chloride
Concen: 18.165 ug/l
RT: 1.40 min Scan# 84
Delta R.T. 0.00 min
Lab File: VX014829.D
Acq: 05 Feb 2020 17:50

Tgt Ion: 62 Resp: 108456
Ion Ratio Lower Upper
62 100
64 33.0 25.4 38.2





#5

Bromomethane

Concen: 16.324 ug/l

RT: 1.64 min Scan# 123

Delta R.T. 0.01 min

Lab File: VX014829.D

Acq: 05 Feb 2020 17:50

Instrument :

MSVOA_X

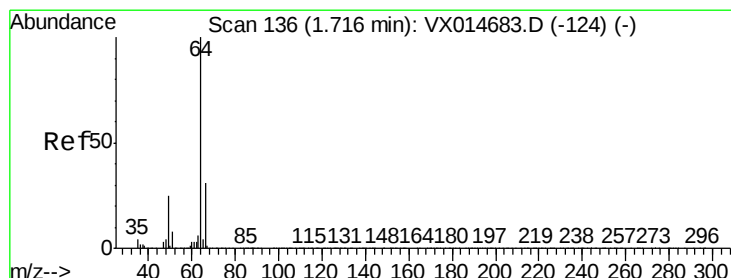
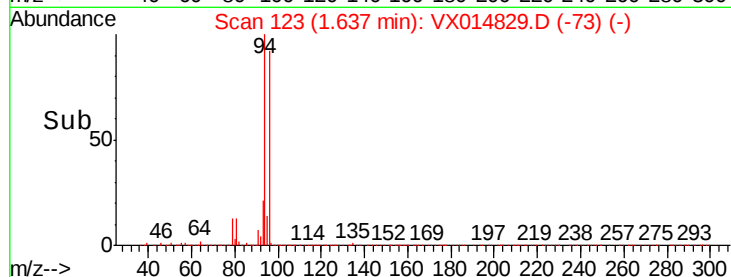
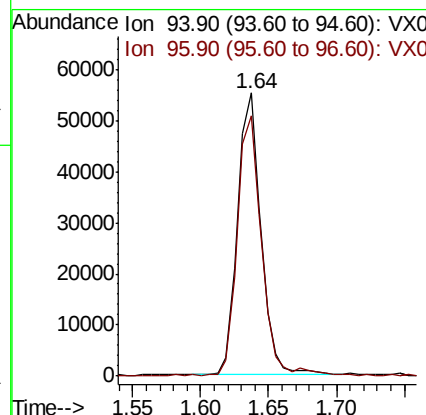
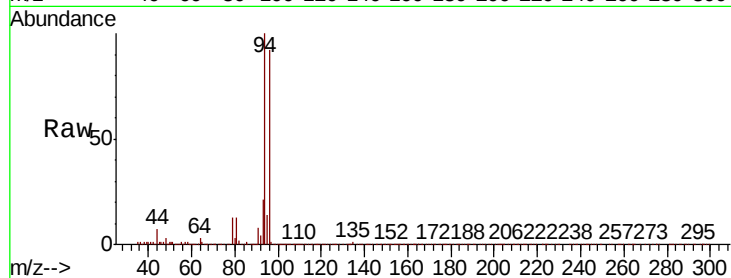
ClientSampleId :

Tot Ion: 94 Resp: 66201

Ion Ratio Lower Upper

94 100

96 92.1 74.7 112.1



#6

Chloroethane

Concen: 18.346 ug/l

RT: 1.72 min Scan# 137

Delta R.T. 0.01 min

Lab File: VX014829.D

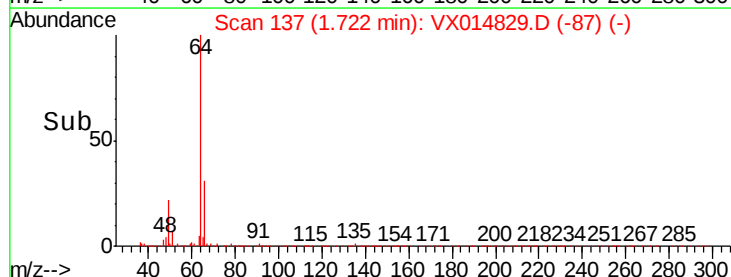
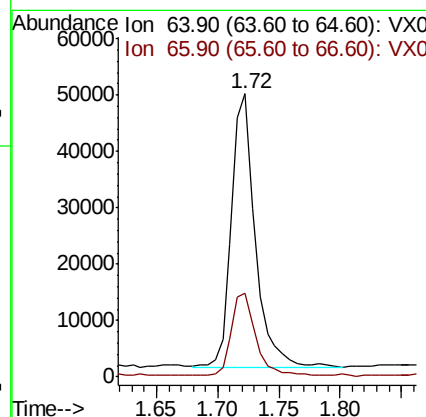
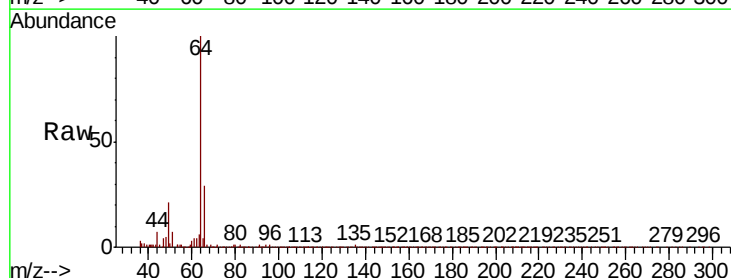
Acq: 05 Feb 2020 17:50

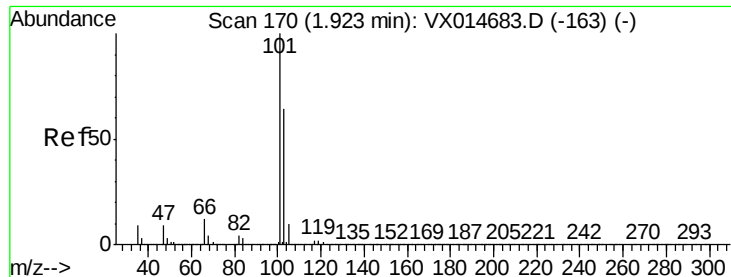
Tgt Ion: 64 Resp: 65663

Ion Ratio Lower Upper

64 100

66 29.9 25.2 37.8



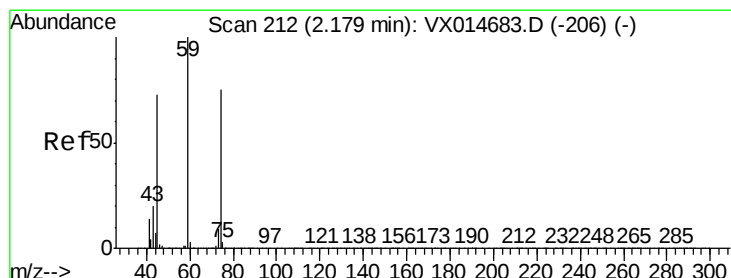
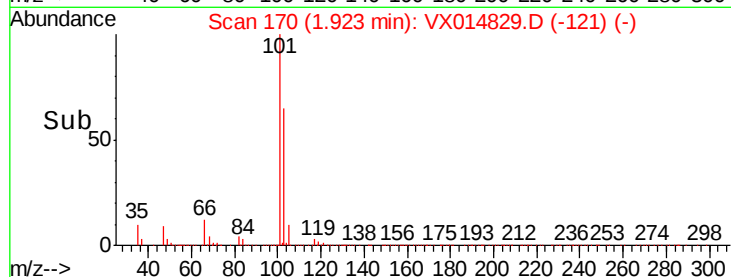
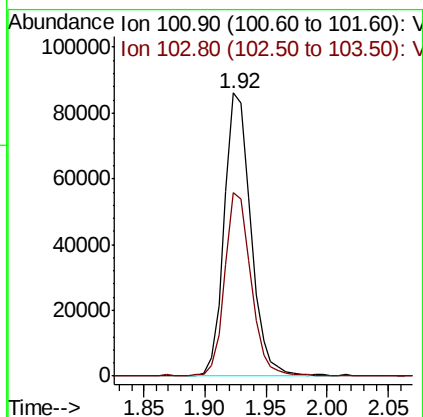
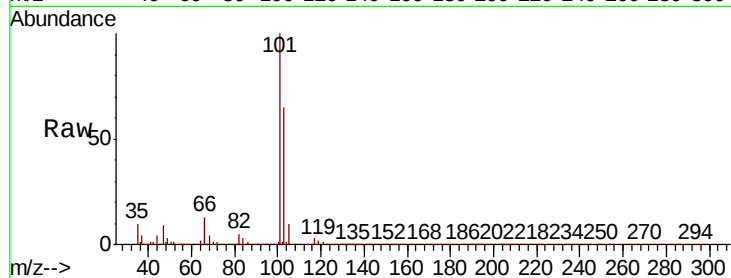


#7

Trichlorofluoromethane
Concen: 18.672 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX014829.D
Acq: 05 Feb 2020 17:50

Instrument :
MSVOA_X
ClientSampleId :

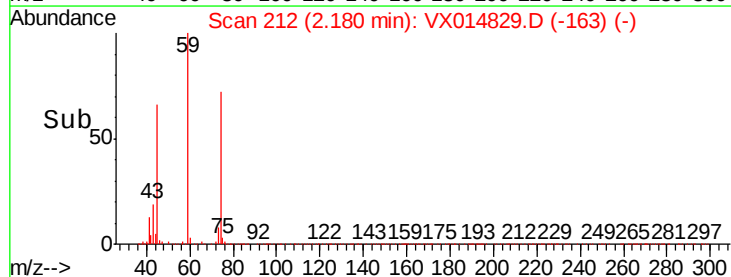
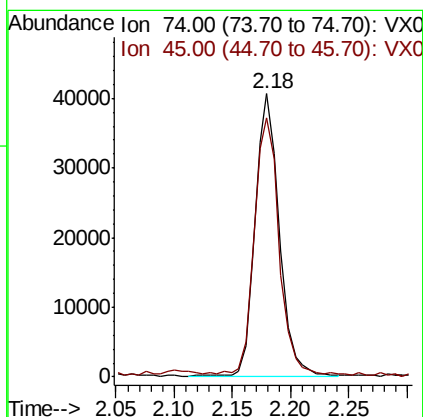
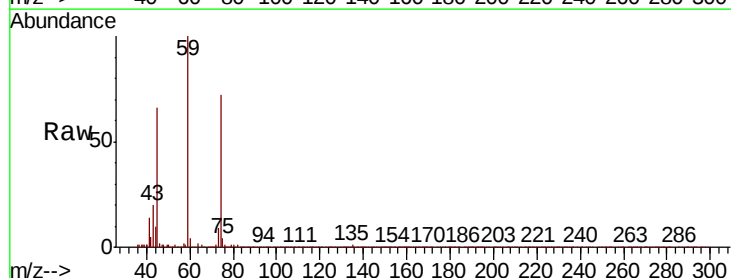
Tot Ion:101 Resp: 129811
Ion Ratio Lower Upper
101 100
103 64.8 51.0 76.6

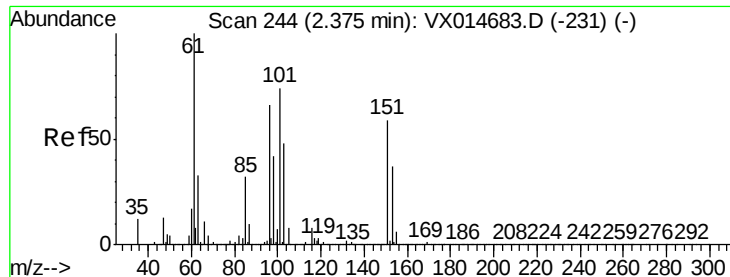


#8

Diethyl Ether
Concen: 19.236 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014829.D
Acq: 05 Feb 2020 17:50

Tgt Ion: 74 Resp: 58371
Ion Ratio Lower Upper
74 100
45 94.2 49.4 148.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.324 ug/l

RT: 2.38 min Scan# 245

Delta R.T. 0.01 min

Lab File: VX014829.D

Acq: 05 Feb 2020 17:50

Instrument :

MSVOA_X

ClientSampleId :

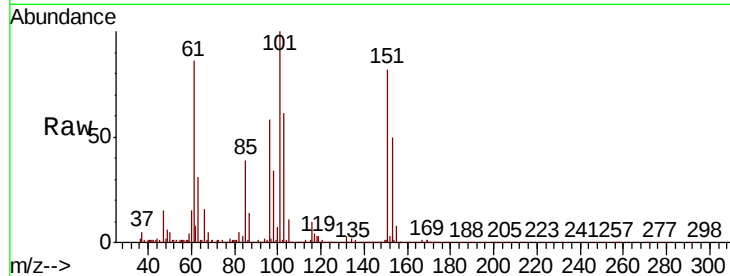
Tot Ion:101 Resp: 74785

Ion Ratio Lower Upper

101 100

85 41.8 34.7 52.1

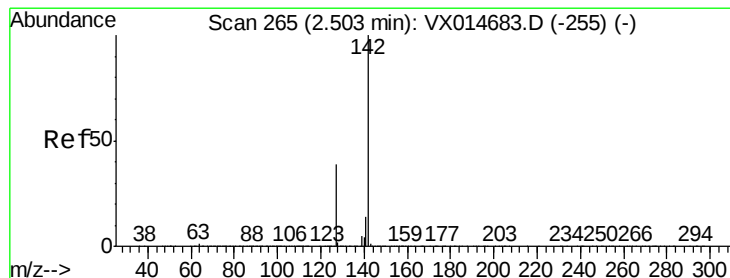
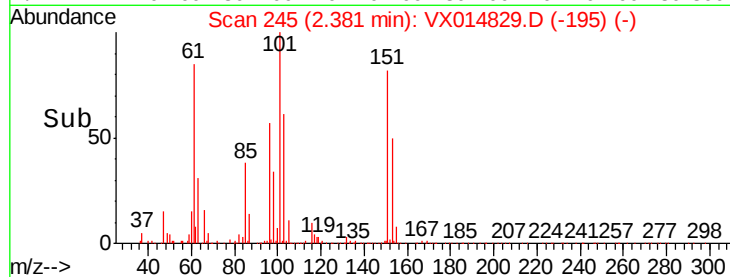
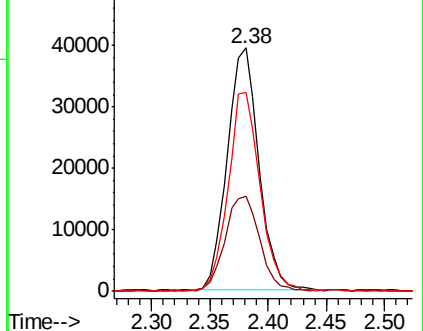
151 83.0 64.7 97.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.327 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX014829.D

Acq: 05 Feb 2020 17:50

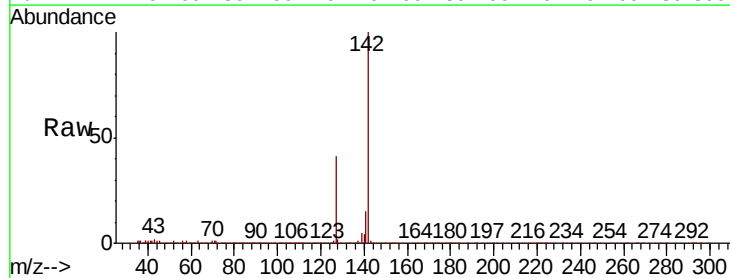
Tgt Ion:142 Resp: 98143

Ion Ratio Lower Upper

142 100

127 39.7 31.1 46.7

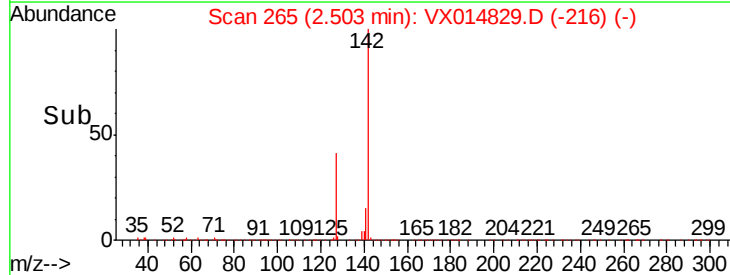
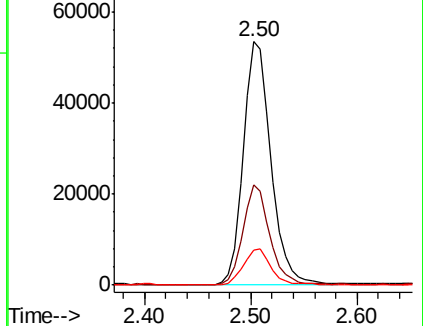
141 14.7 11.3 16.9

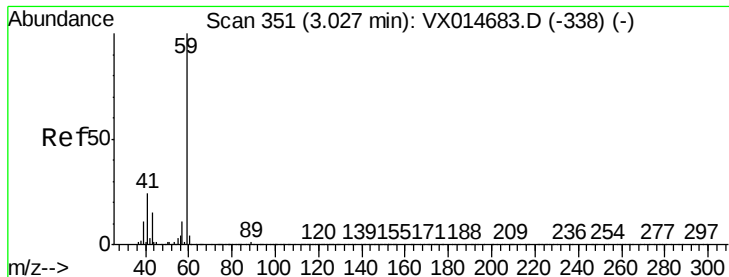


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



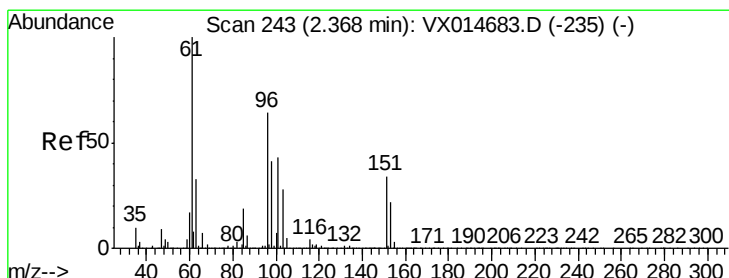
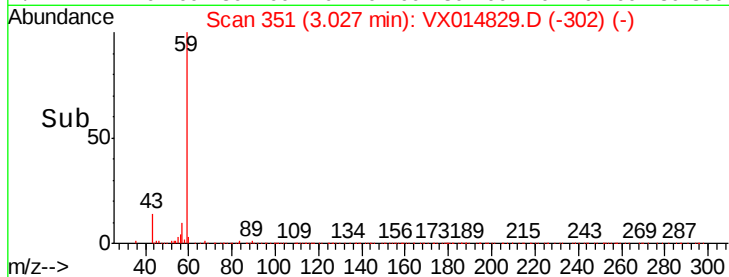
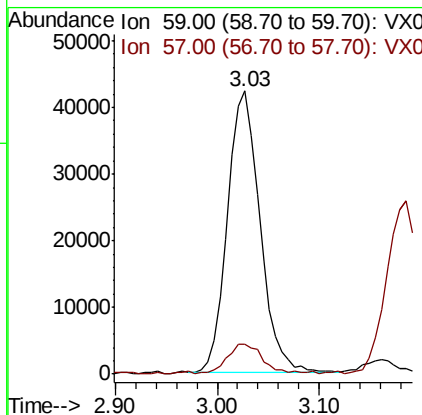
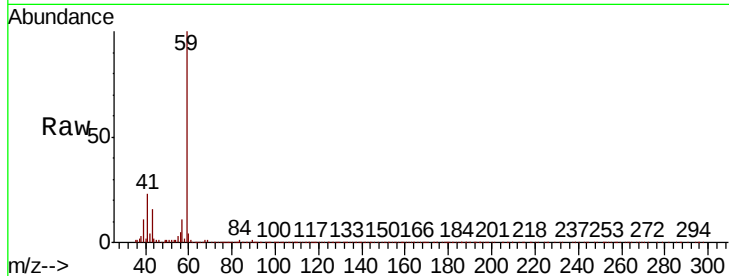


#11

Tert butyl alcohol
Concen: 87.457 ug/l
RT: 3.03 min Scan# 351
Delta R.T. 0.00 min
Lab File: VX014829.D
Acq: 05 Feb 2020 17:50

Instrument :
MSVOA_X
ClientSampled :

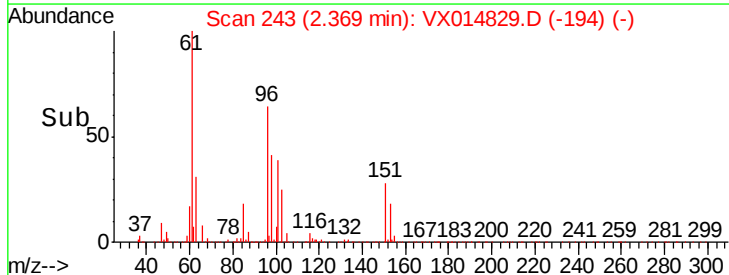
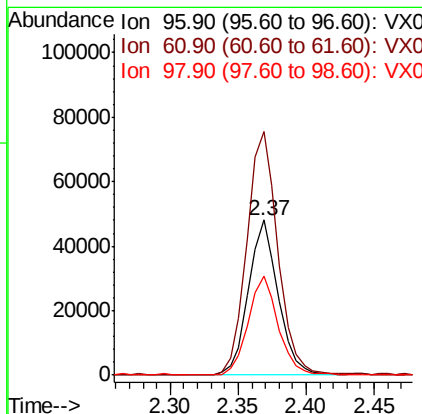
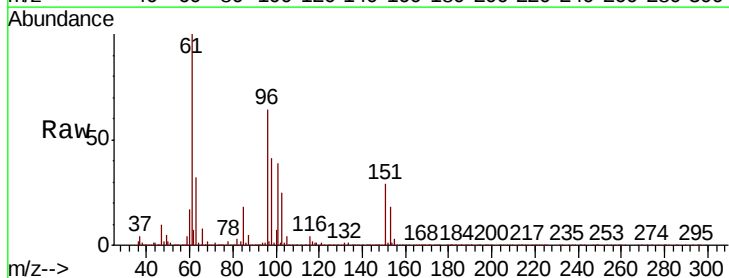
Tot Ion: 59 Resp: 93595
Ion Ratio Lower Upper
59 100
57 10.7 8.3 12.5

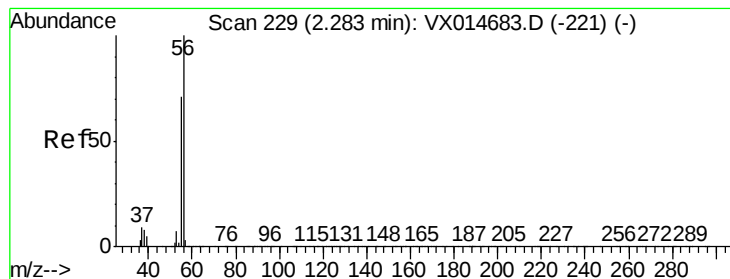


#12

1,1-Dichloroethene
Concen: 18.120 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.00 min
Lab File: VX014829.D
Acq: 05 Feb 2020 17:50

Tgt Ion: 96 Resp: 73526
Ion Ratio Lower Upper
96 100
61 157.3 125.8 188.8
98 63.9 51.5 77.3





#13

Acrolein

Concen: 82.533 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX014829.D

Acq: 05 Feb 2020 17:50

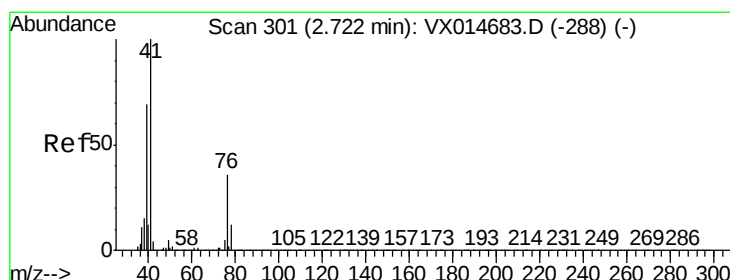
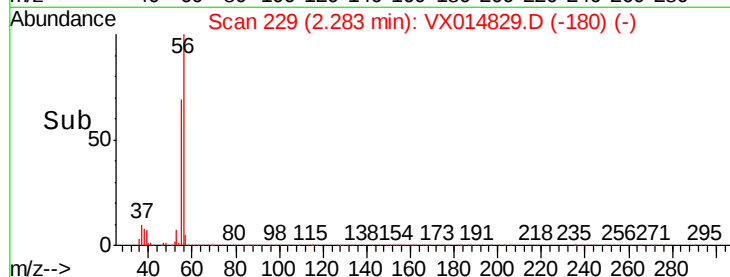
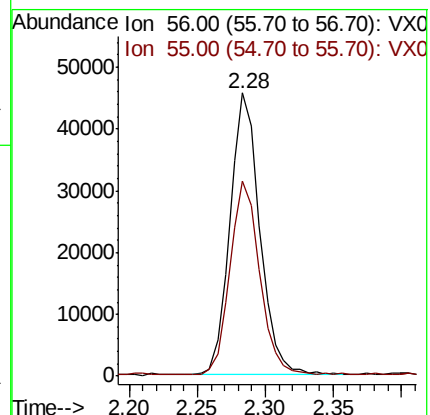
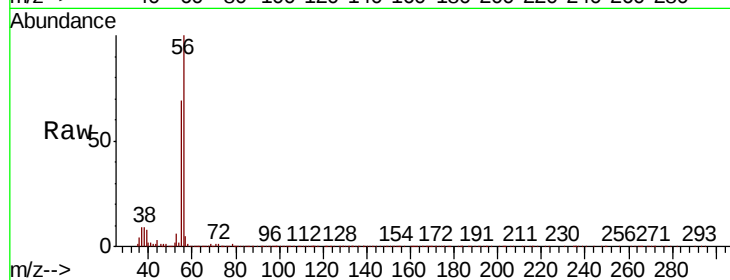
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 56 Resp: 69642

Ion Ratio Lower Upper

56 100

55 67.5 56.6 84.8



#14

Allyl chloride

Concen: 18.667 ug/l

RT: 2.72 min Scan# 301

Delta R.T. 0.00 min

Lab File: VX014829.D

Acq: 05 Feb 2020 17:50

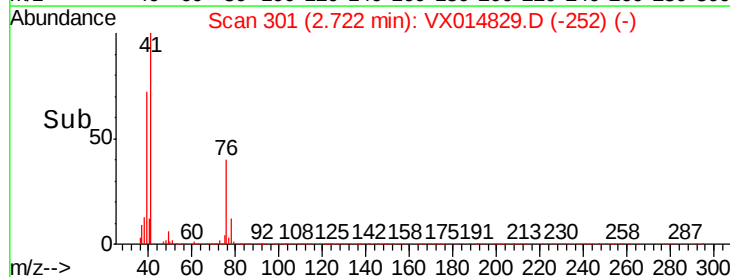
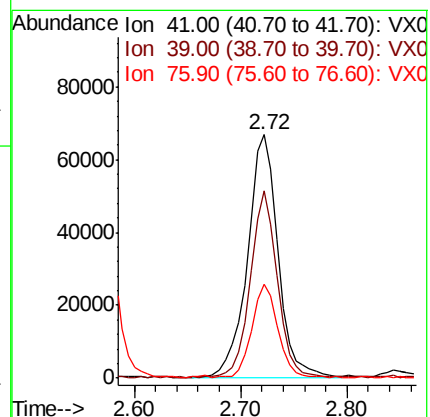
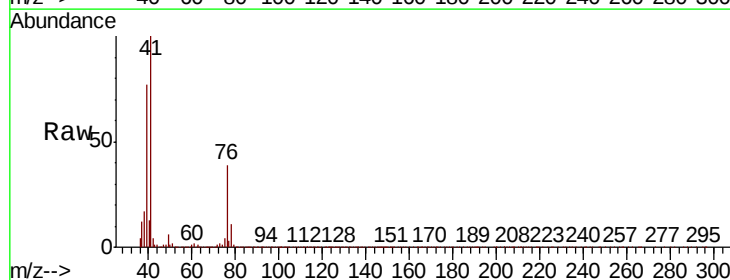
Tgt Ion: 41 Resp: 136149

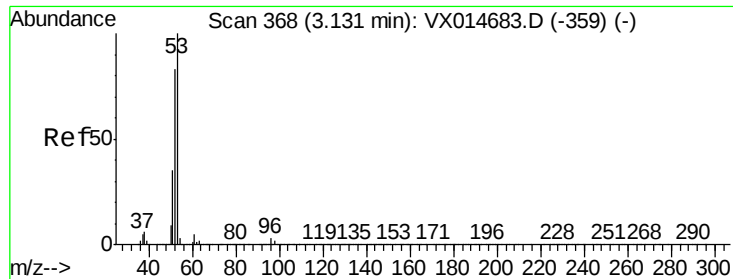
Ion Ratio Lower Upper

41 100

39 66.8 52.0 78.0

76 32.5 26.0 39.0

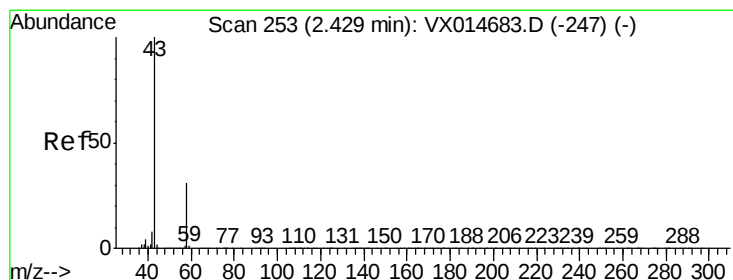
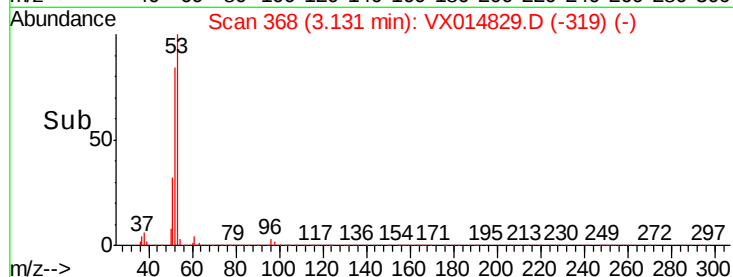
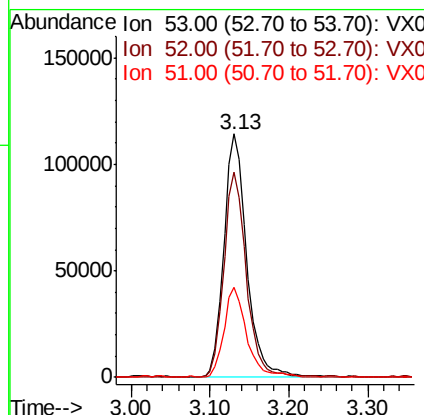
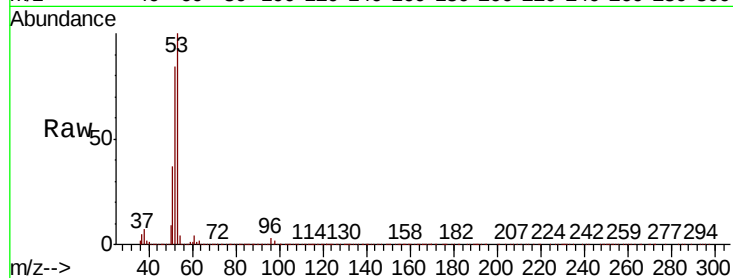




#15
 Acrylonitrile
 Concen: 92.464 ug/l
 RT: 3.13 min Scan# 368
 Delta R.T. 0.00 min
 Lab File: VX014829.D
 Acq: 05 Feb 2020 17:50

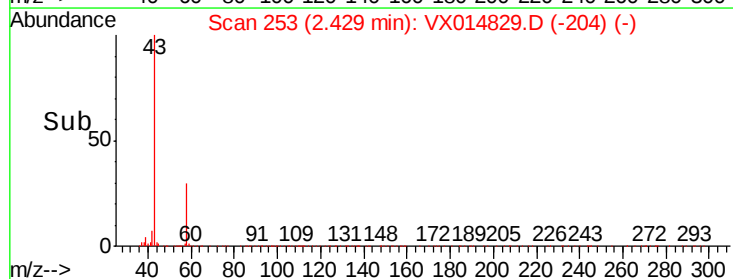
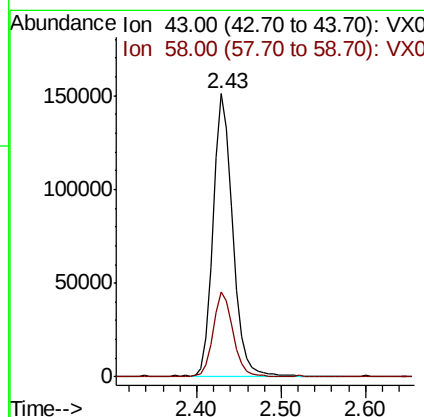
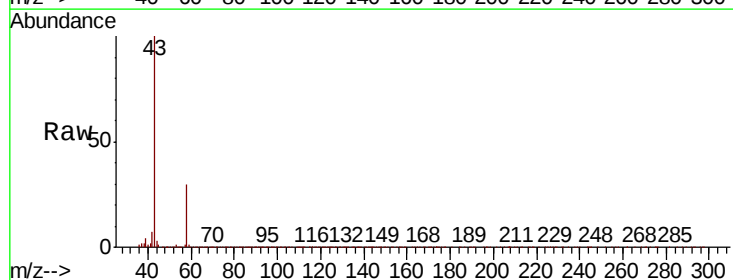
Instrument :
 MSVOA_X
 ClientSampleId :

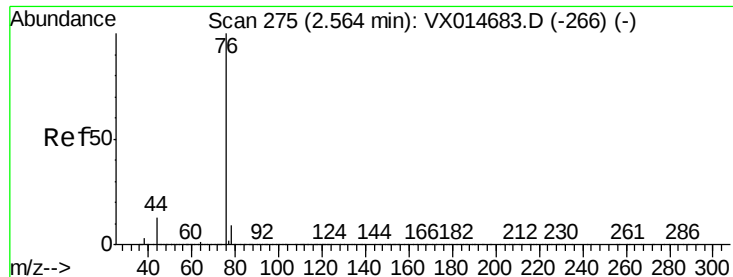
Tot Ion:	53	Resp:	228953
Ion	Ratio	Lower	Upper
53	100		
52	82.9	66.4	99.6
51	36.8	28.7	43.1



#16
 Acetone
 Concen: 92.858 ug/l
 RT: 2.43 min Scan# 253
 Delta R.T. 0.00 min
 Lab File: VX014829.D
 Acq: 05 Feb 2020 17:50

Tgt Ion:	43	Resp:	242342
Ion	Ratio	Lower	Upper
43	100		
58	29.9	24.5	36.7





#17

Carbon Disulfide

Concen: 15.904 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.00 min

Lab File: VX014829.D

Acq: 05 Feb 2020 17:50

Instrument :

MSVOA_X

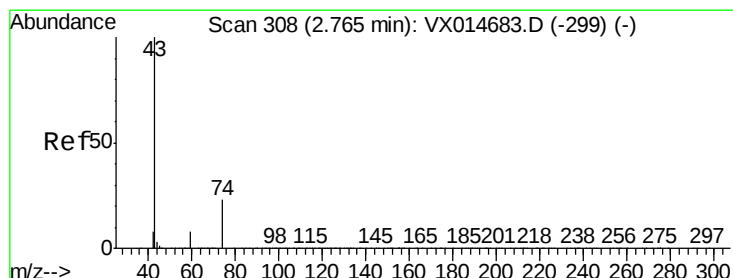
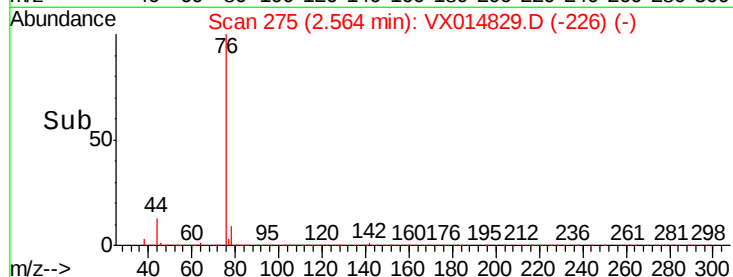
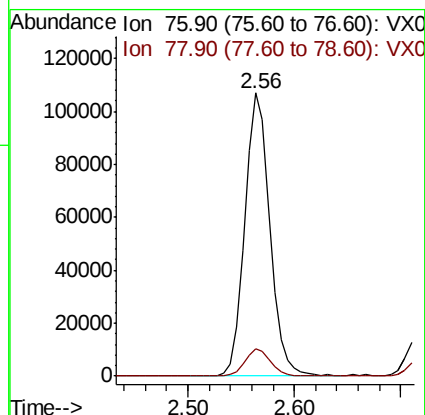
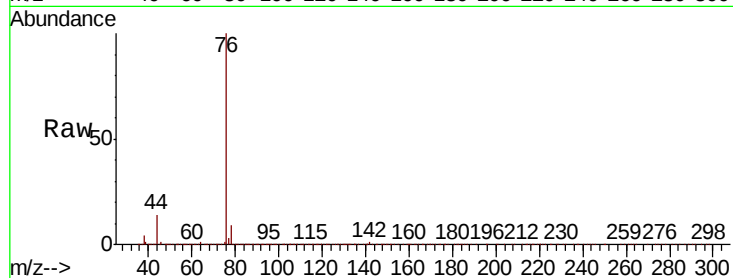
ClientSampleId :

Tot Ion: 76 Resp: 176384

Ion Ratio Lower Upper

76 100

78 9.2 7.2 10.8



#18

Methyl Acetate

Concen: 19.492 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.00 min

Lab File: VX014829.D

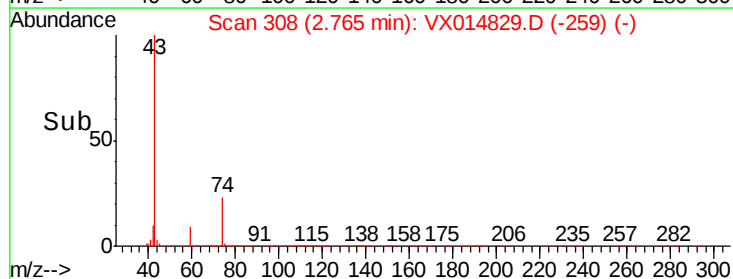
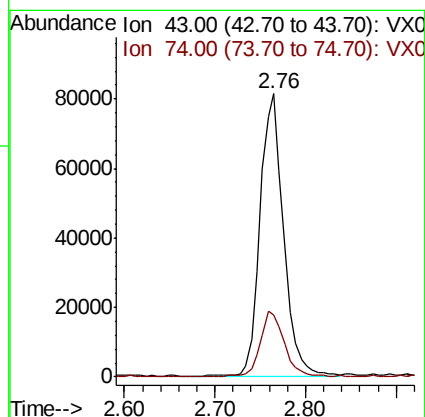
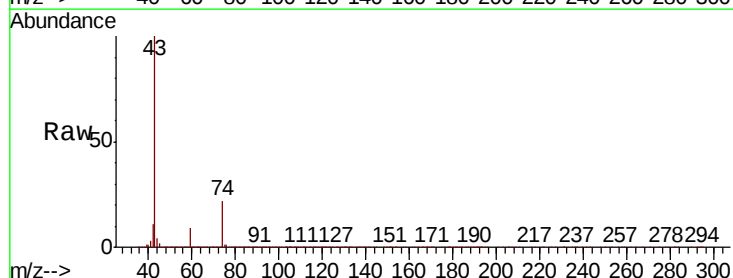
Acq: 05 Feb 2020 17:50

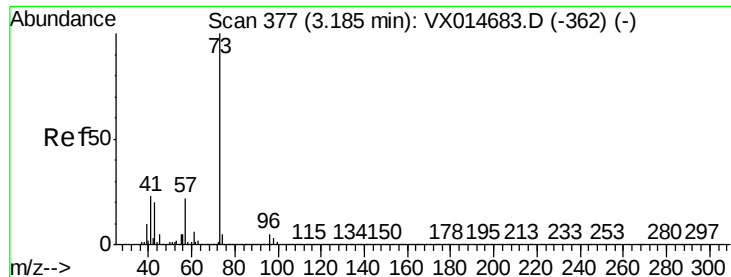
Tgt Ion: 43 Resp: 145357

Ion Ratio Lower Upper

43 100

74 24.1 18.5 27.7

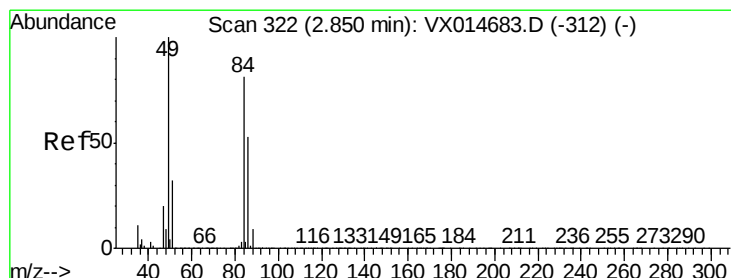
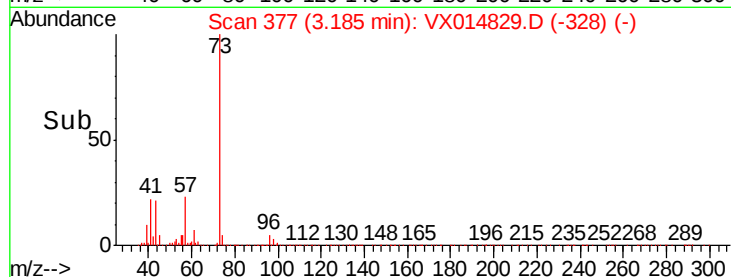
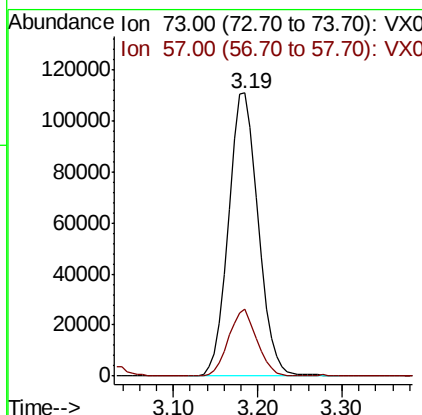
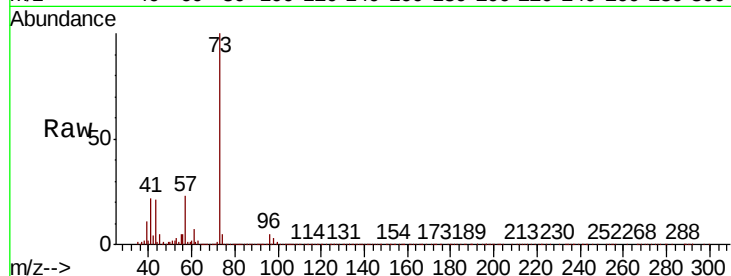




#19
Methvl tert-butvl Ether
Concen: 19.881 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.00 min
Lab File: VX014829.D
Acq: 05 Feb 2020 17:50

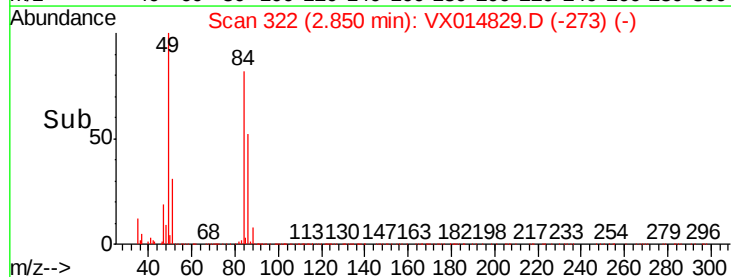
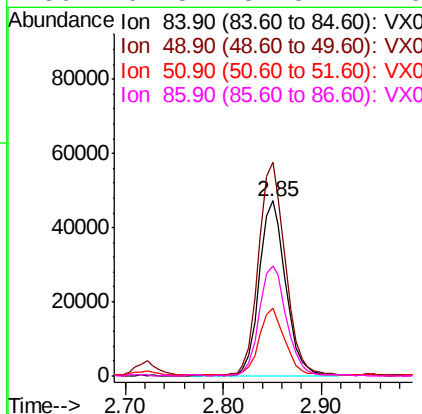
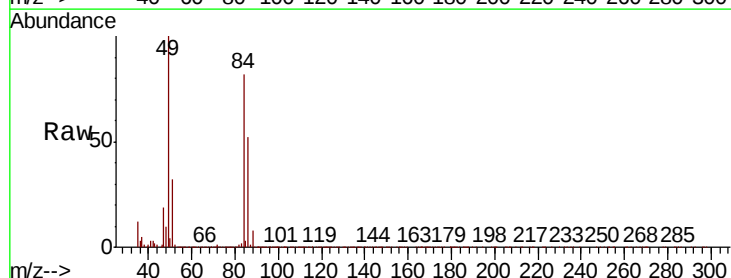
Instrument :
MSVOA_X
ClientSampleId :

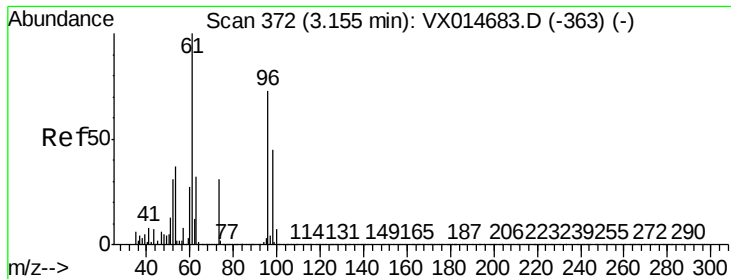
Tot Ion: 73 Resp: 264242
Ion Ratio Lower Upper
73 100
57 23.2 18.0 27.0



#20
Methylene Chloride
Concen: 18.226 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX014829.D
Acq: 05 Feb 2020 17:50

Tgt Ion: 84 Resp: 88109
Ion Ratio Lower Upper
84 100
49 121.7 98.2 147.4
51 38.2 31.3 46.9
86 62.8 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 18.223 ug/l

RT: 3.16 min Scan# 373

Delta R.T. 0.01 min

Lab File: VX014829.D

Acq: 05 Feb 2020 17:50

Instrument :
MSVOA_X
ClientSampleId :

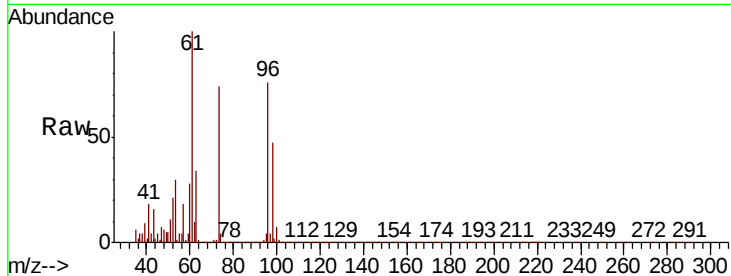
Tot Ion: 96 Resp: 81416

Ion Ratio Lower Upper

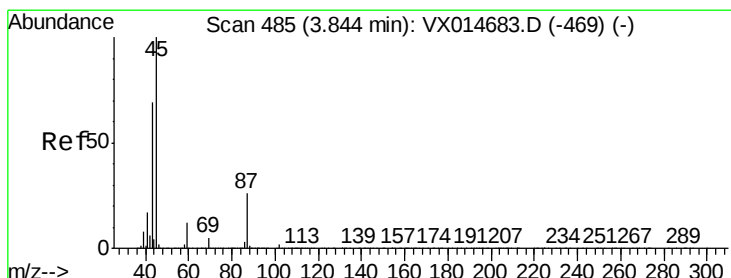
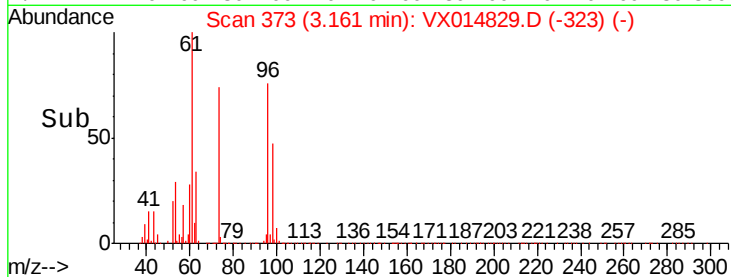
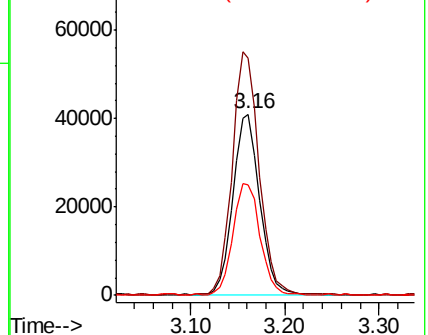
96 100

61 130.5 109.8 164.6

98 60.8 49.6 74.4



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



#22

Diisopropyl ether

Concen: 19.350 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX014829.D

Acq: 05 Feb 2020 17:50

Tgt Ion: 45 Resp: 280787

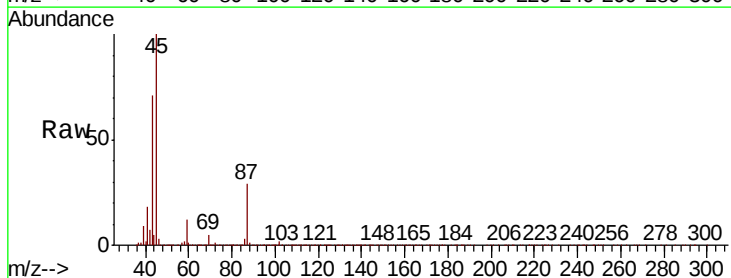
Ion Ratio Lower Upper

45 100

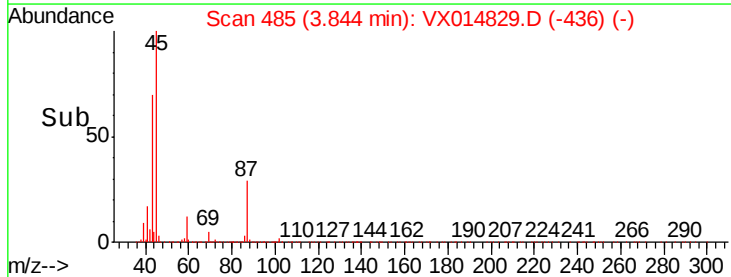
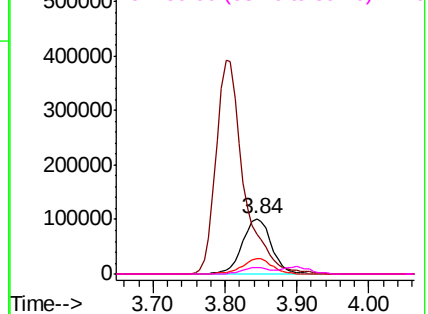
43 70.2 55.1 82.7

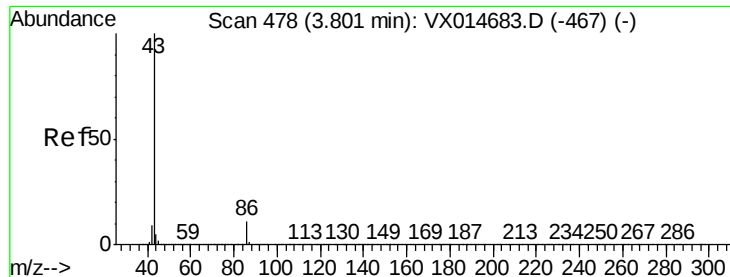
87 28.8 20.7 31.1

59 11.9 9.2 13.8



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 94.647 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014829.D

Acq: 05 Feb 2020 17:50

Instrument :

MSVOA_X

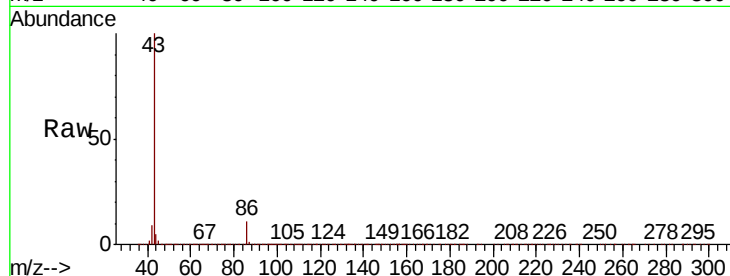
ClientSampleId :

Tot Ion: 43 Resp: 1046943

Ion Ratio Lower Upper

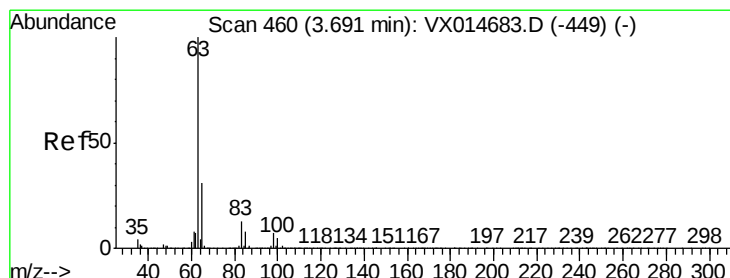
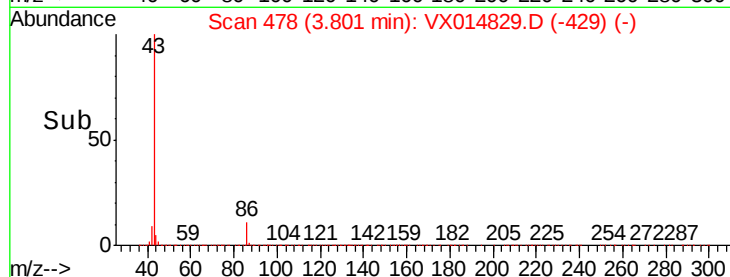
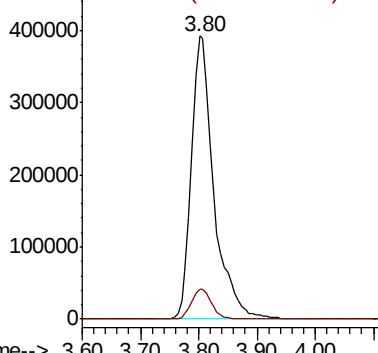
43 100

86 10.5 8.4 12.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 19.070 ug/l

RT: 3.69 min Scan# 460

Delta R.T. 0.00 min

Lab File: VX014829.D

Acq: 05 Feb 2020 17:50

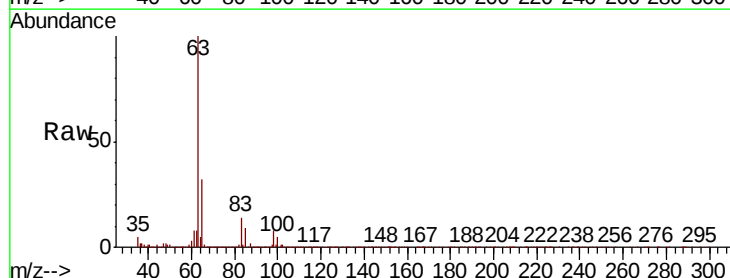
Tgt Ion: 63 Resp: 150283

Ion Ratio Lower Upper

63 100

98 7.5 3.6 10.8

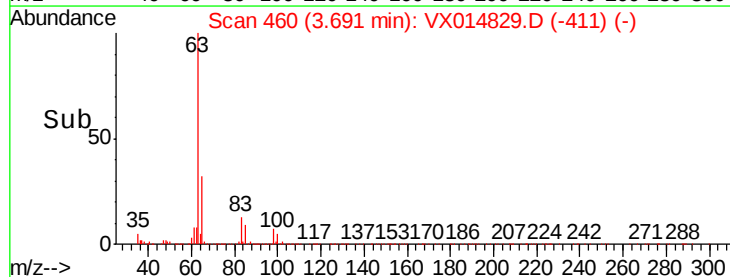
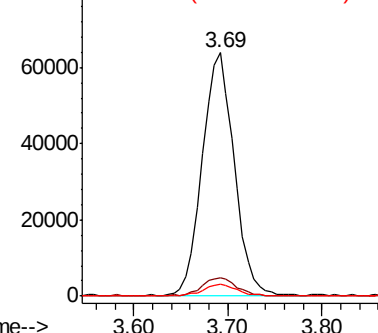
100 4.7 2.2 6.6

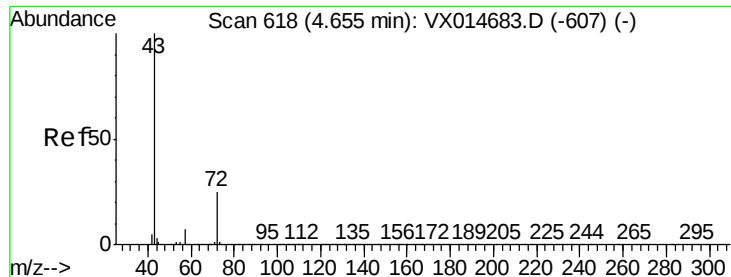


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 89.358 ug/l

RT: 4.65 min Scan# 618

Delta R.T. 0.00 min

Lab File: VX014829.D

Acq: 05 Feb 2020 17:50

Instrument :

MSVOA_X

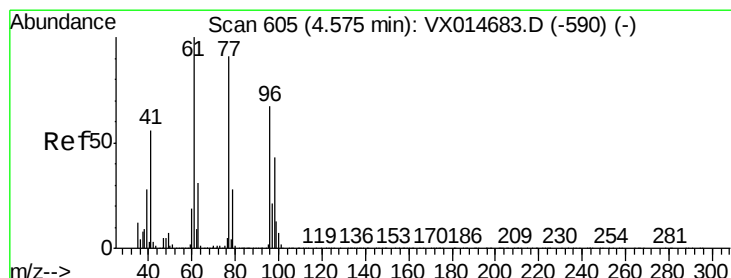
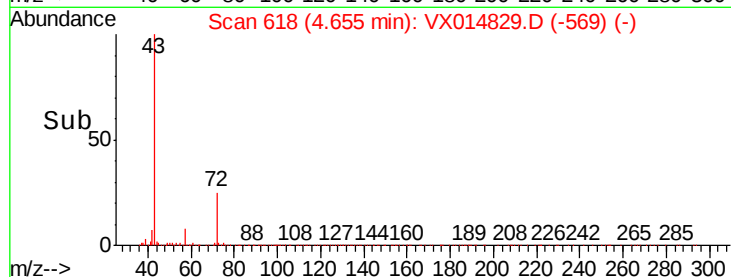
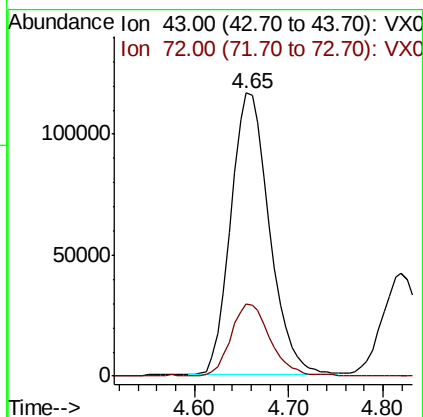
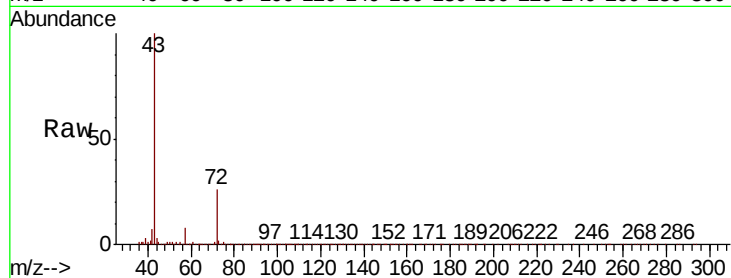
ClientSampleId :

Tot Ion: 43 Resp: 334469

Ion Ratio Lower Upper

43 100

72 25.2 19.9 29.9



#26

2,2-Dichloropropane

Concen: 18.926 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.00 min

Lab File: VX014829.D

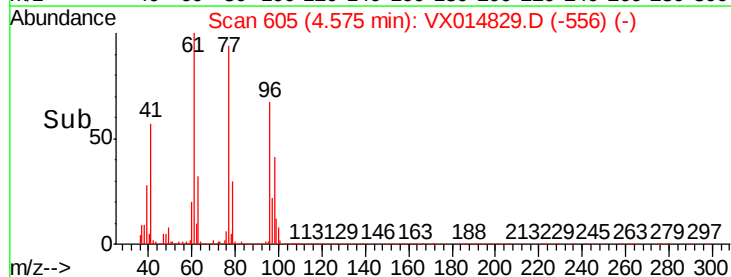
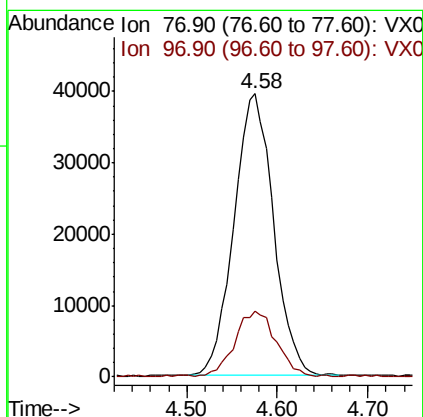
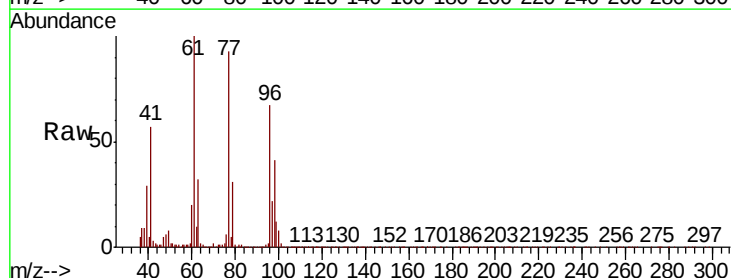
Acq: 05 Feb 2020 17:50

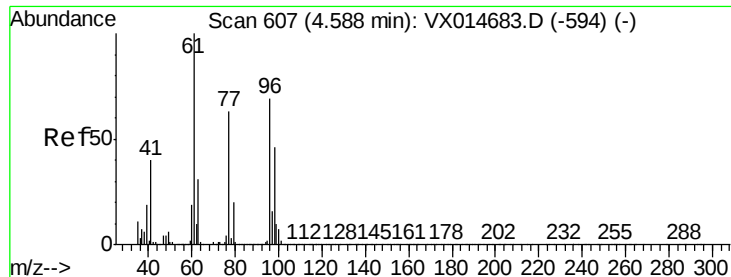
Tgt Ion: 77 Resp: 119383

Ion Ratio Lower Upper

77 100

97 24.3 11.8 35.3



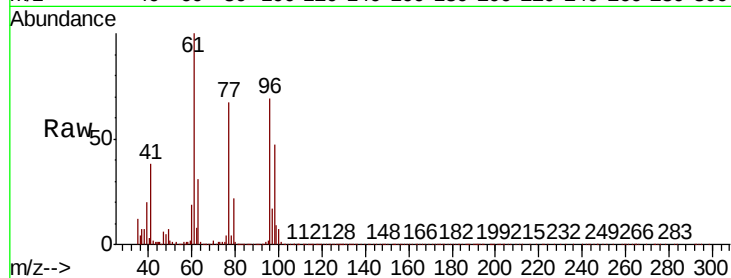


#27

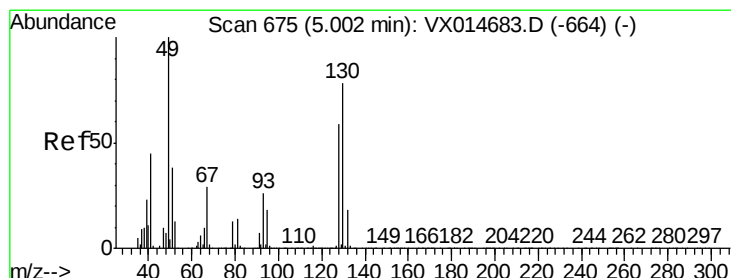
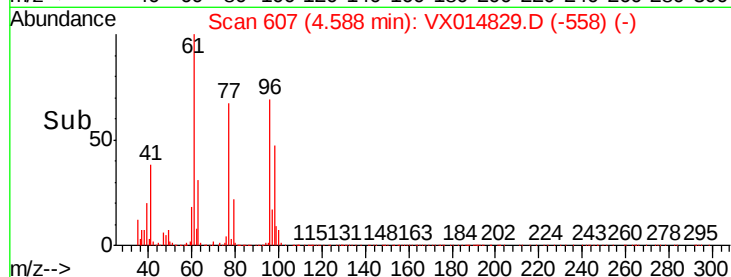
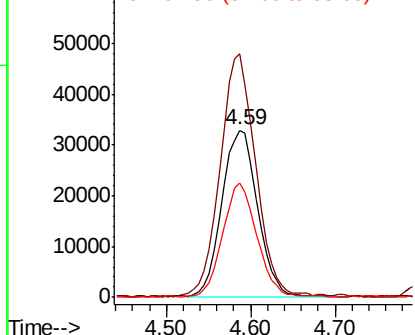
cis-1,2-Dichloroethene
Concen: 18.979 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX014829.D
Acq: 05 Feb 2020 17:50

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 96 Resp: 94904
Ion Ratio Lower Upper
96 100
61 144.1 0.0 291.0
98 64.5 0.0 129.8



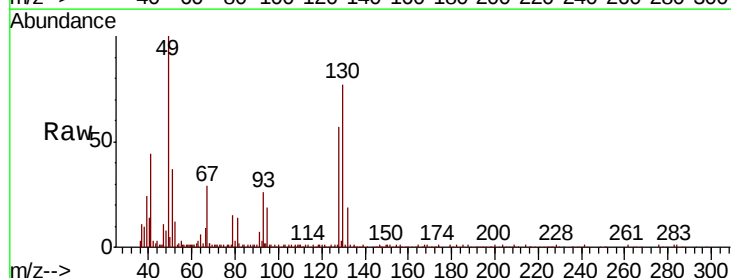
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



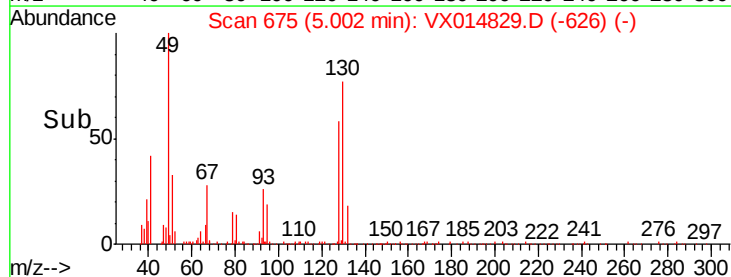
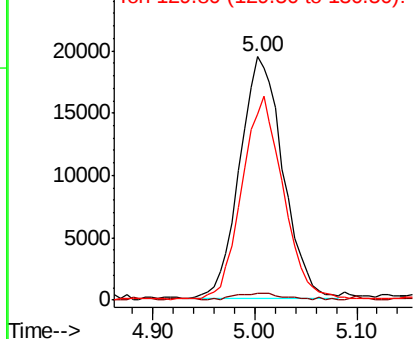
#28

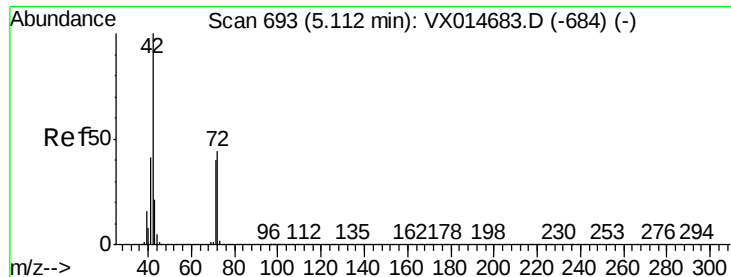
Bromochloromethane
Concen: 16.428 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX014829.D
Acq: 05 Feb 2020 17:50

Tgt Ion: 49 Resp: 56890
Ion Ratio Lower Upper
49 100
129 3.4 0.0 4.8
130 82.0 62.4 93.6



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: 90.008 ug/l

RT: 5.12 min Scan# 694

Delta R.T. 0.01 min

Lab File: VX014829.D

Acq: 05 Feb 2020 17:50

Instrument :

MSVOA_X

ClientSampleId :

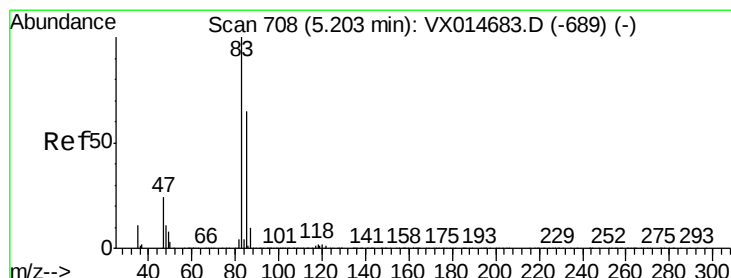
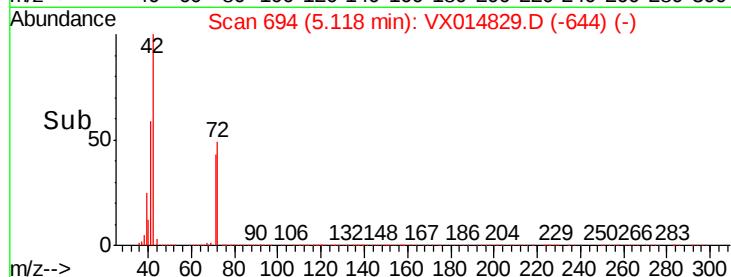
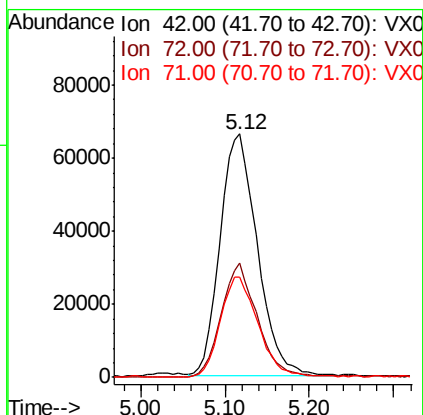
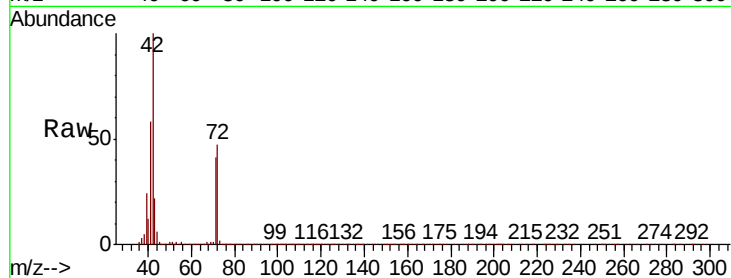
Tot Ion: 42 Resp: 199957

Ion Ratio Lower Upper

42 100

72 45.8 35.3 52.9

71 41.8 33.1 49.7



#30

Chloroform

Concen: 19.335 ug/l

RT: 5.20 min Scan# 708

Delta R.T. 0.00 min

Lab File: VX014829.D

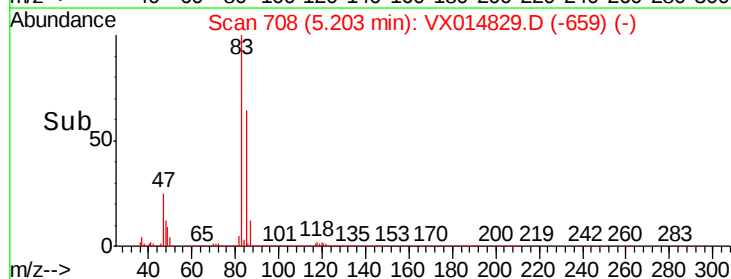
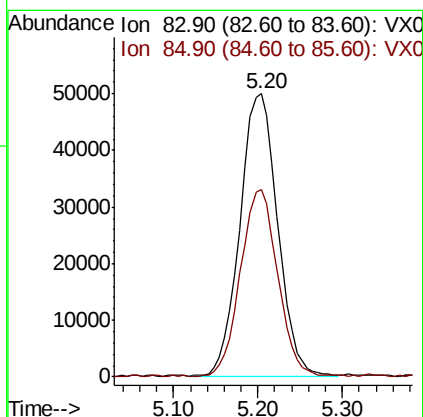
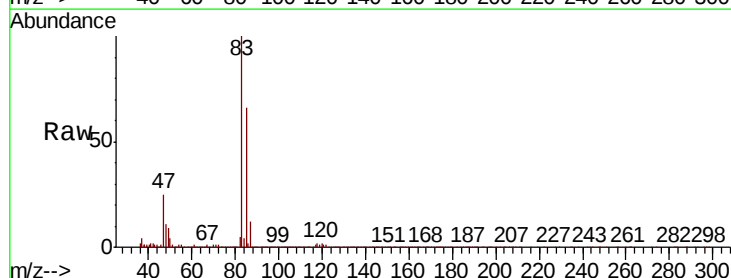
Acq: 05 Feb 2020 17:50

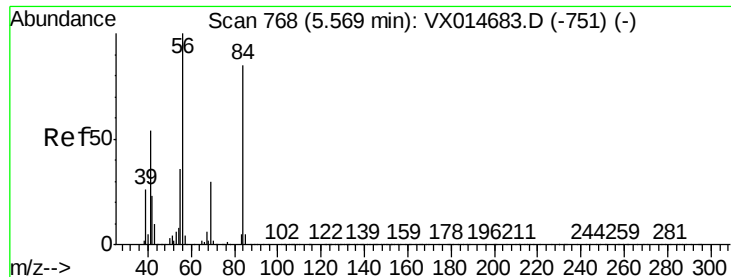
Tgt Ion: 83 Resp: 150940

Ion Ratio Lower Upper

83 100

85 66.2 51.7 77.5

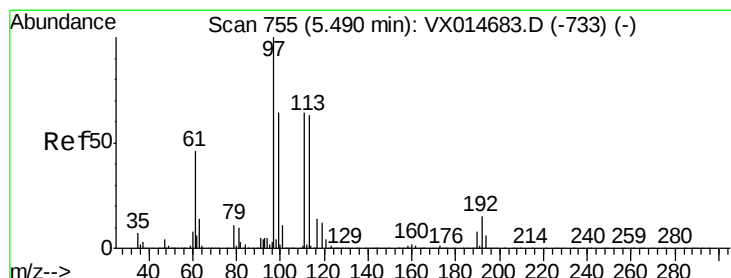
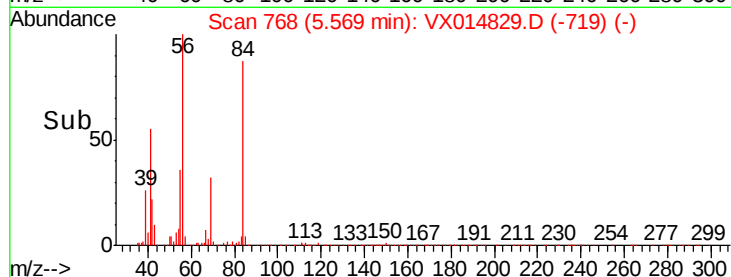
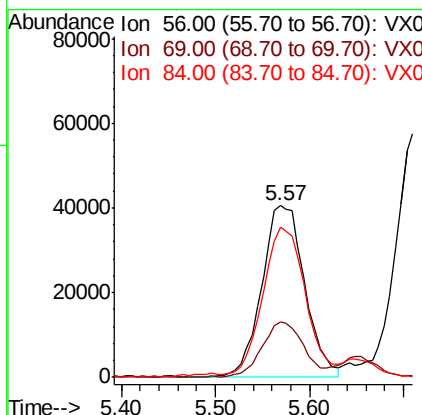
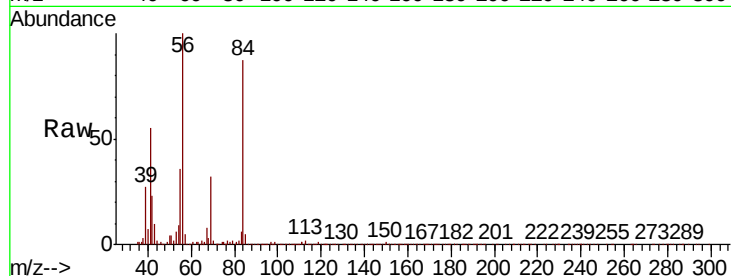




#31
Cyclohexane
Concen: 17.462 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX014829.D
Acq: 05 Feb 2020 17:50

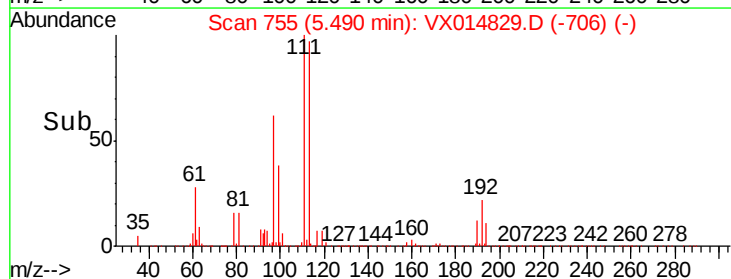
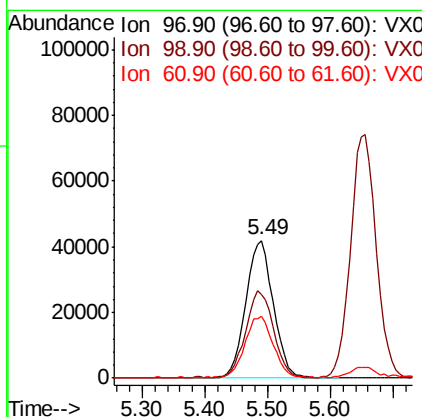
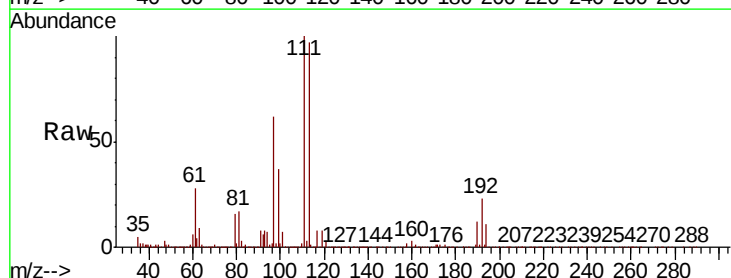
Instrument :
MSVOA_X
ClientSampleId :

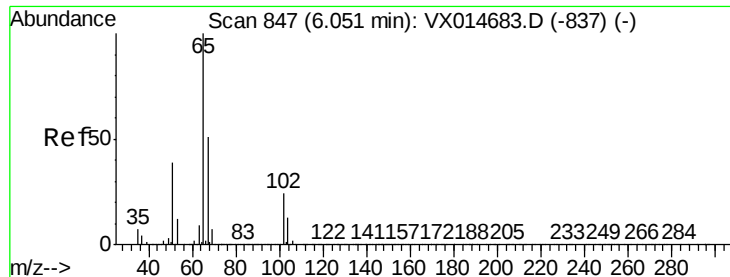
Tot Ion: 56 Resp: 129430
Ion Ratio Lower Upper
56 100
69 31.8 23.4 35.2
84 86.3 68.4 102.6



#32
1,1,1-Trichloroethane
Concen: 19.308 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX014829.D
Acq: 05 Feb 2020 17:50

Tgt Ion: 97 Resp: 127409
Ion Ratio Lower Upper
97 100
99 63.6 52.3 78.5
61 45.2 37.2 55.8

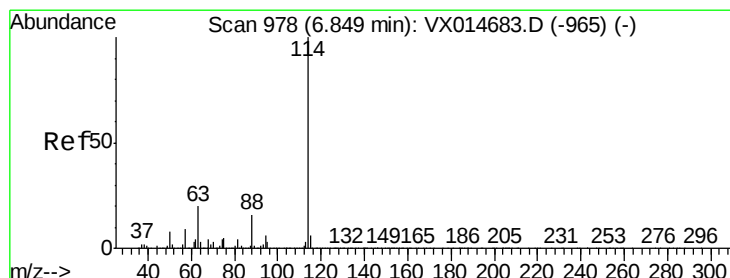
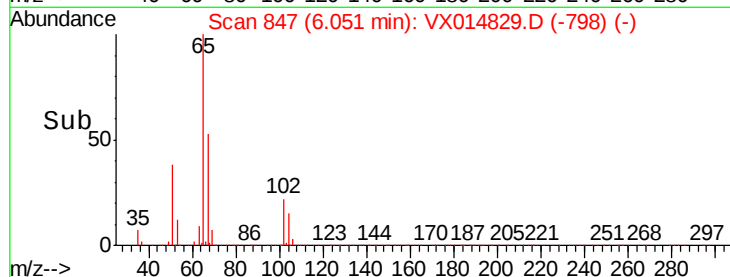
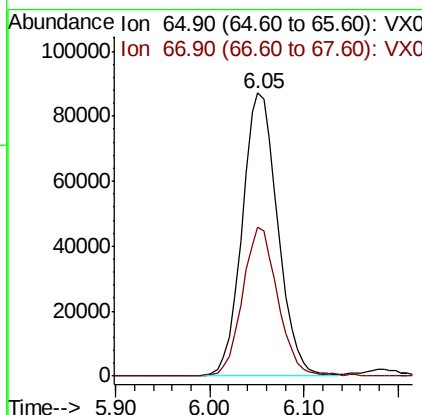
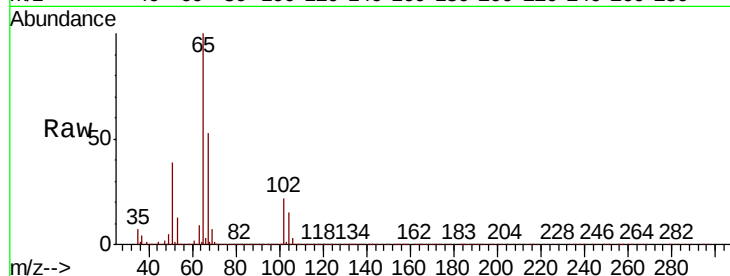




#33
 1,2-Dichloroethane-d4
 Concen: 48.060 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX014829.D
 Acq: 05 Feb 2020 17:50

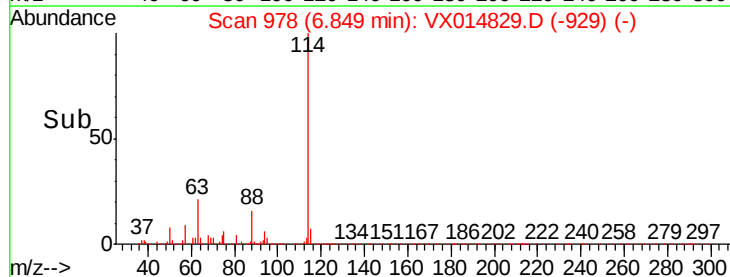
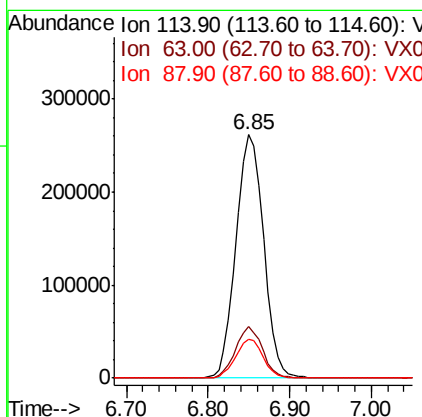
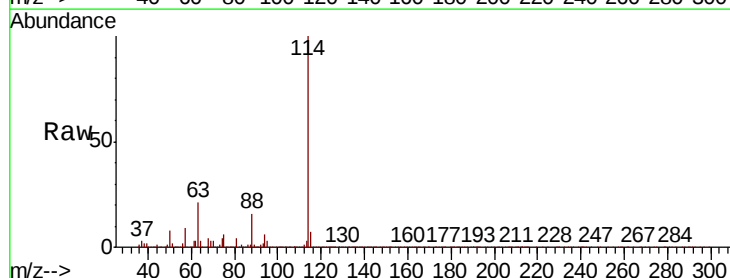
Instrument :
 MSVOA_X
 ClientSampleId :

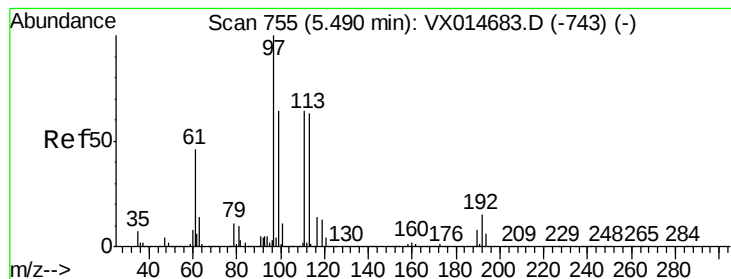
Tot Ion: 65 Resp: 229090
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX014829.D
 Acq: 05 Feb 2020 17:50

Tgt Ion: 114 Resp: 616857
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 40.6
 88 15.7 0.0 31.2





#35

Dibromofluoromethane

Concen: 48.531 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX014829.D

Acq: 05 Feb 2020 17:50

Instrument :

MSVOA_X

ClientSampleId :

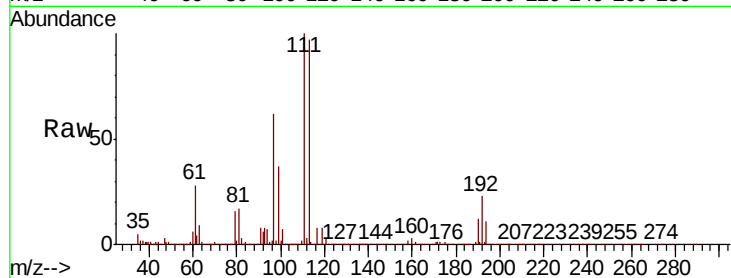
Tot Ion:113 Resp: 188899

Ion Ratio Lower Upper

113 100

111 102.6 80.7 121.1

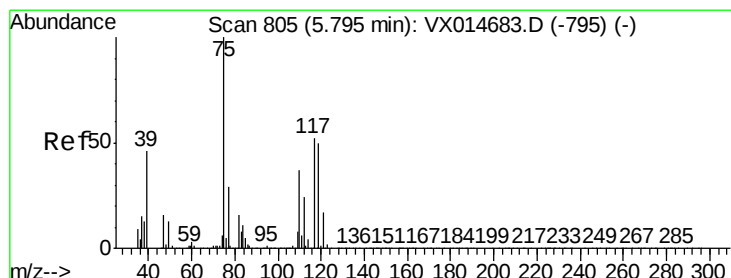
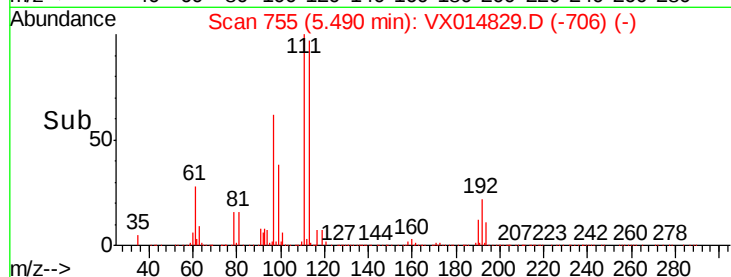
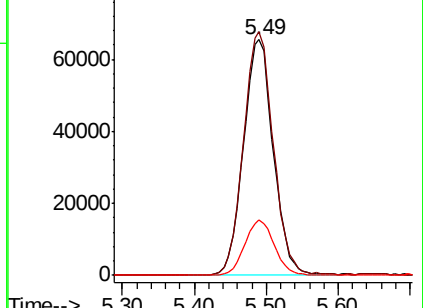
192 23.2 18.5 27.7



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 18.807 ug/l

RT: 5.79 min Scan# 804

Delta R.T. -0.01 min

Lab File: VX014829.D

Acq: 05 Feb 2020 17:50

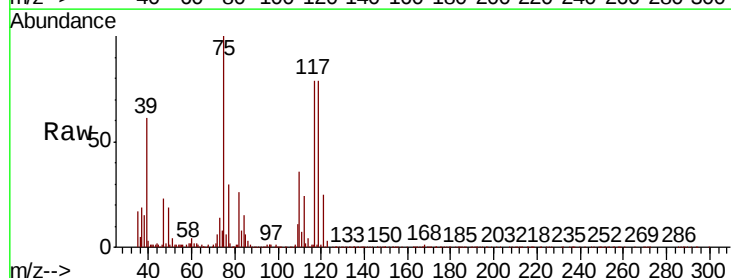
Tgt Ion: 75 Resp: 107798

Ion Ratio Lower Upper

75 100

110 36.5 17.9 53.7

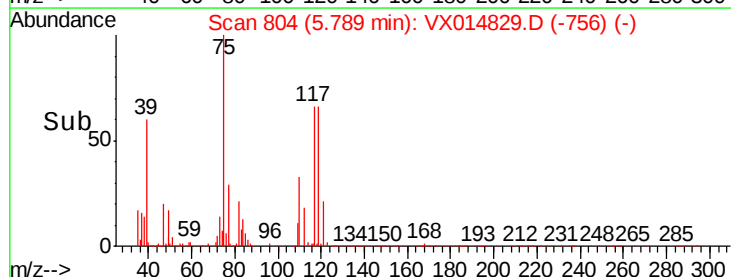
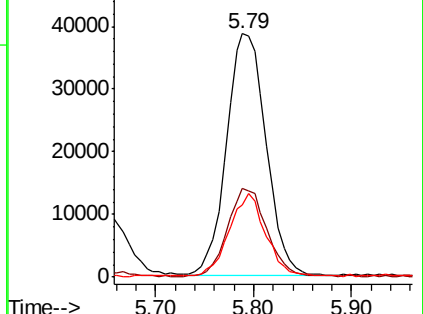
77 31.5 24.1 36.1

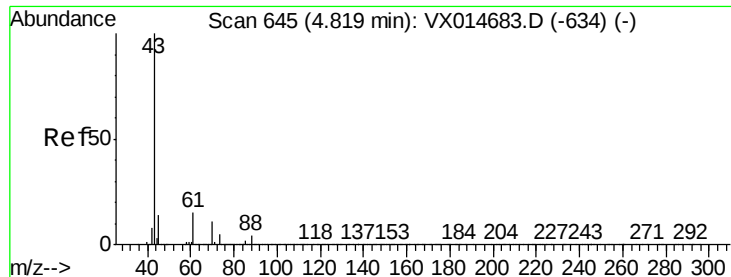


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

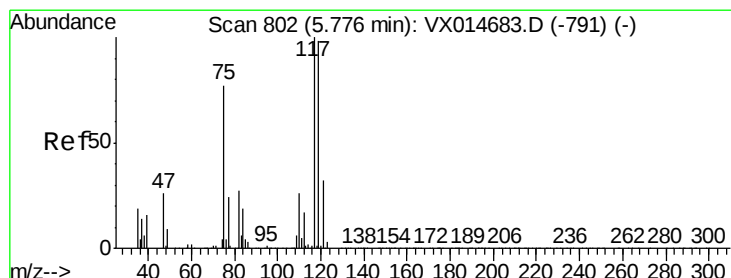
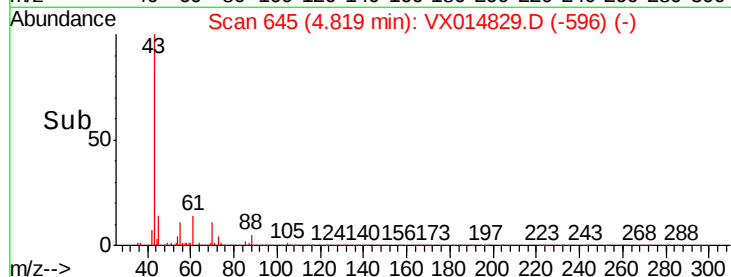
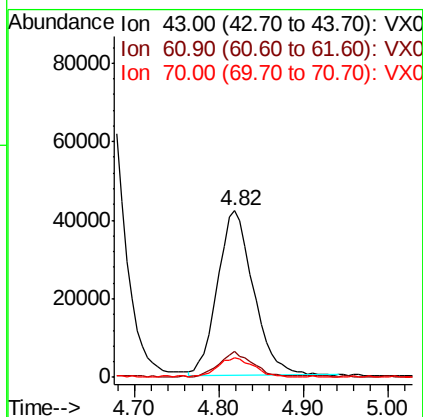
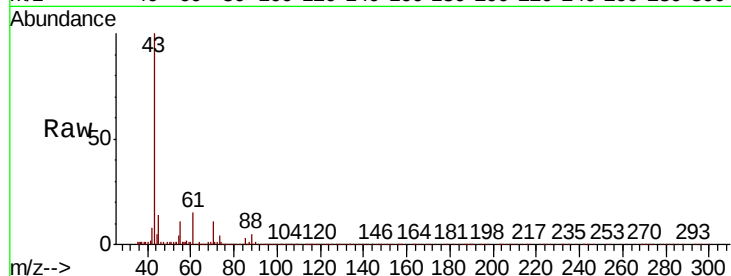




#37
Ethyl Acetate
Concen: 18.681 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX014829.D
Acq: 05 Feb 2020 17:50

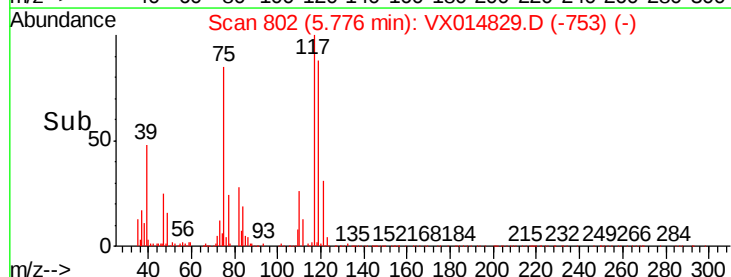
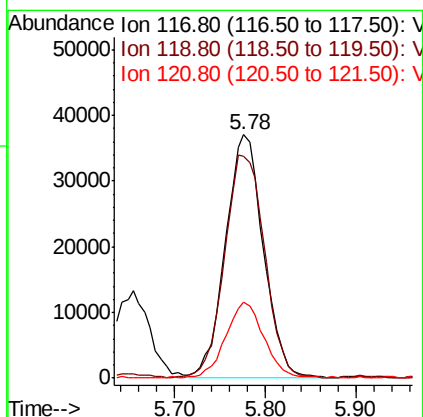
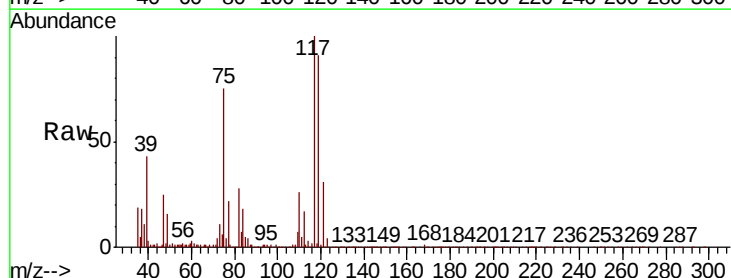
Instrument :
MSVOA_X
ClientSampled :

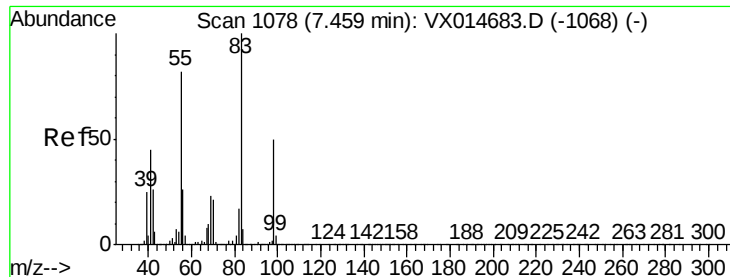
Tot Ion	Ratio	Lower	Upper
43	100		
61	13.3	11.0	16.4
70	10.9	8.5	12.7



#38
Carbon Tetrachloride
Concen: 19.545 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX014829.D
Acq: 05 Feb 2020 17:50

Tgt Ion	Ratio	Lower	Upper
117	100		
119	90.9	77.9	116.9
121	31.0	25.4	38.2

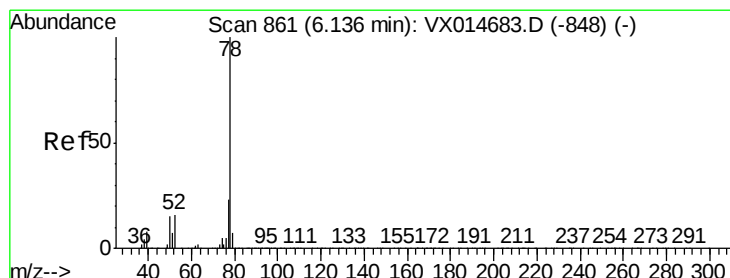
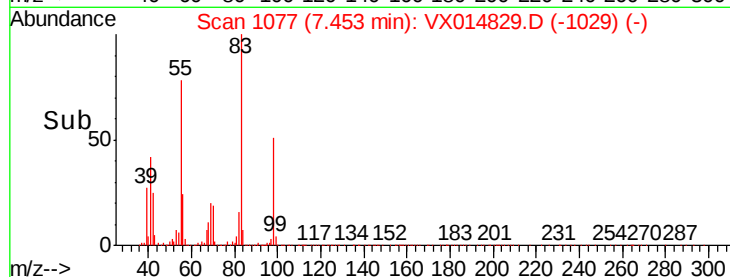
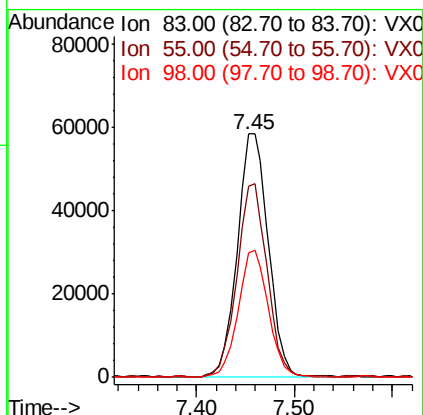
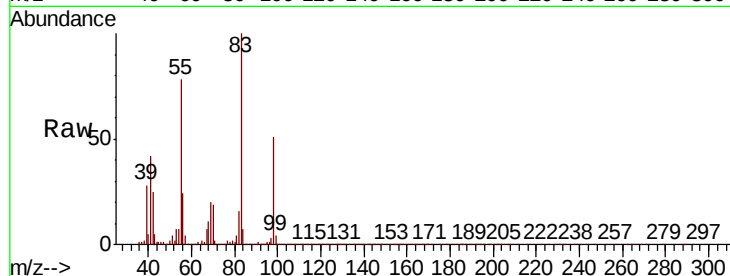




#39
Methvlcvclohexane
Concen: 17.936 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX014829.D
Acq: 05 Feb 2020 17:50

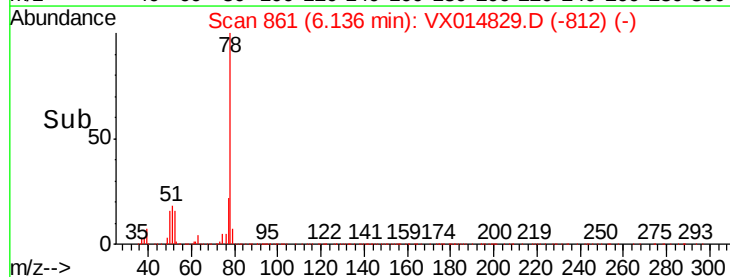
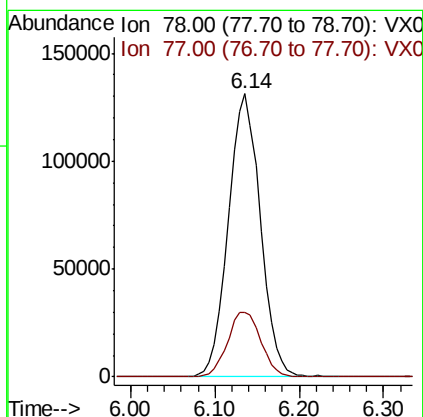
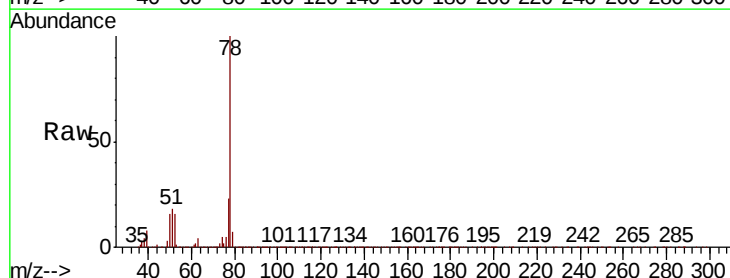
Instrument :
MSVOA_X
ClientSampleId :

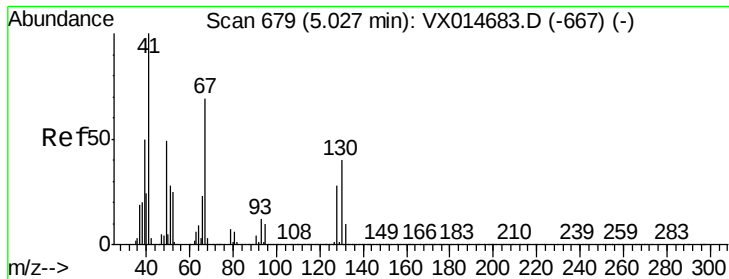
Tot Ion	83	Resp	128794
Ion Ratio	Lower	Upper	
83	100		
55	78.0	65.6	98.4
98	51.2	40.2	60.4



#40
Benzene
Concen: 19.011 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.00 min
Lab File: VX014829.D
Acq: 05 Feb 2020 17:50

Tgt Ion	78	Resp	336680
Ion Ratio	Lower	Upper	
78	100		
77	22.5	18.7	28.1





#41

Methacrylonitrile

Concen: 18.775 ug/l

RT: 5.03 min Scan# 680

Delta R.T. 0.01 min

Lab File: VX014829.D

Acq: 05 Feb 2020 17:50

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 41 Resp: 70914

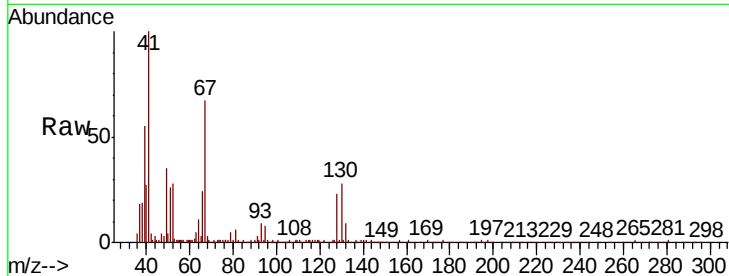
Ion Ratio Lower Upper

41 100

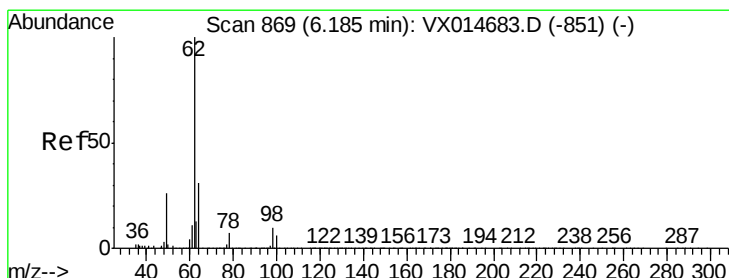
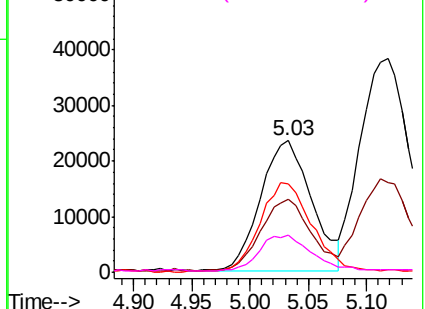
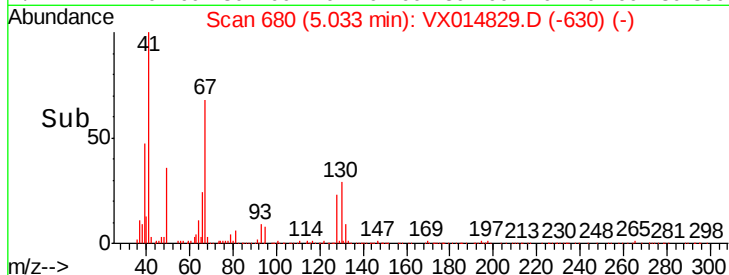
39 53.5 42.2 63.2

67 72.0 55.4 83.0

52 28.5 22.1 33.1



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: 20.402 ug/l

RT: 6.18 min Scan# 869

Delta R.T. 0.00 min

Lab File: VX014829.D

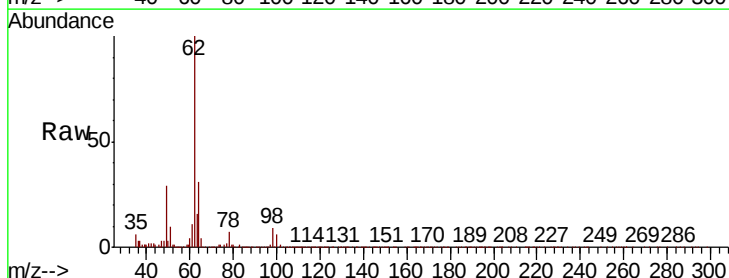
Acq: 05 Feb 2020 17:50

Tgt Ion: 62 Resp: 124773

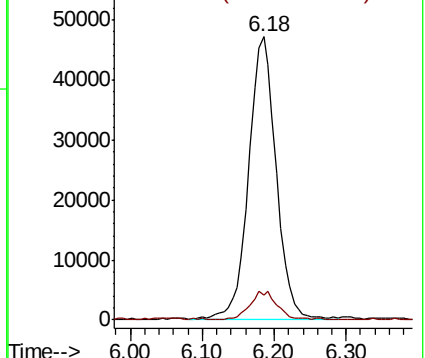
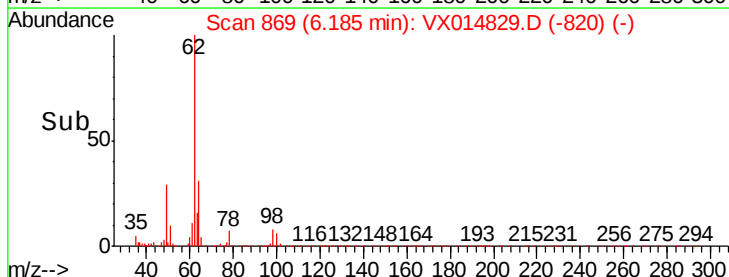
Ion Ratio Lower Upper

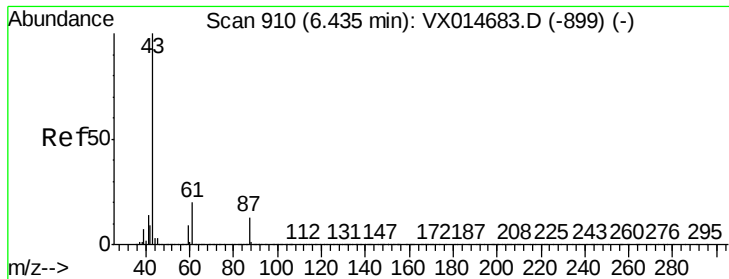
62 100

98 9.5 0.0 20.0



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



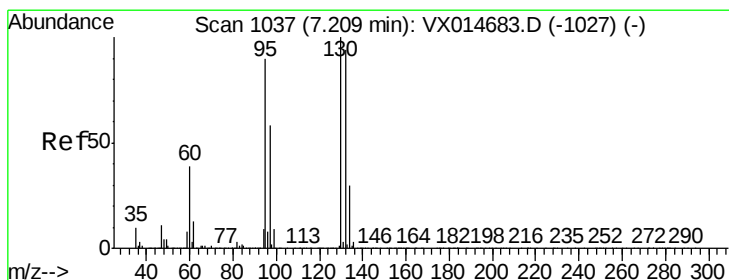
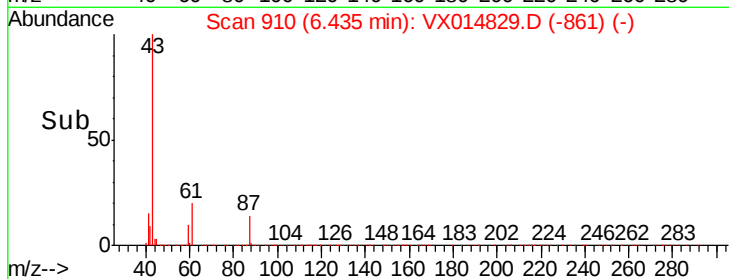
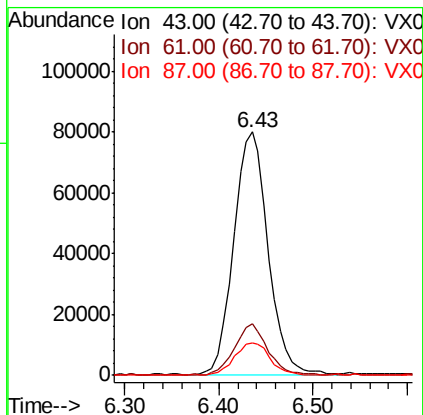
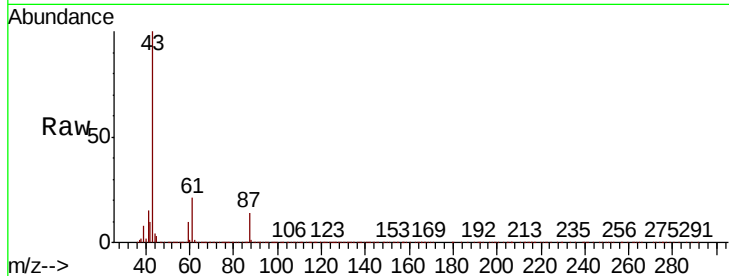


#43

Isopropyl Acetate
 Concen: 18.837 ug/l
 RT: 6.43 min Scan# 910
 Delta R.T. 0.00 min
 Lab File: VX014829.D
 Acq: 05 Feb 2020 17:50

Instrument :
 MSVOA_X
 ClientSampleId :

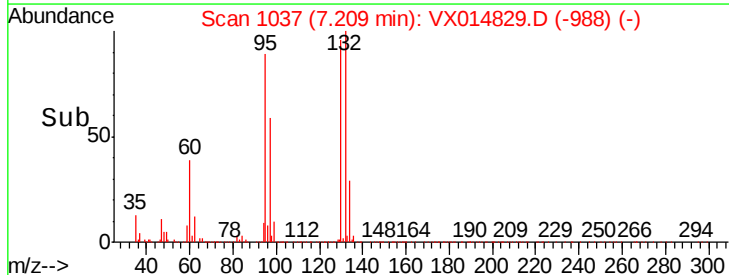
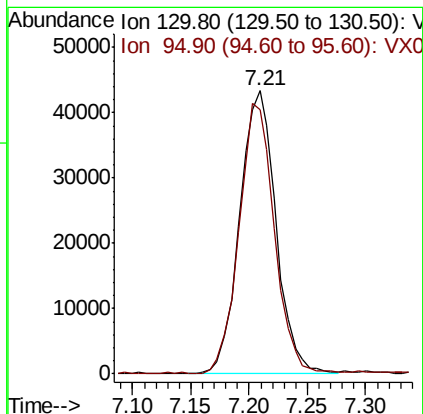
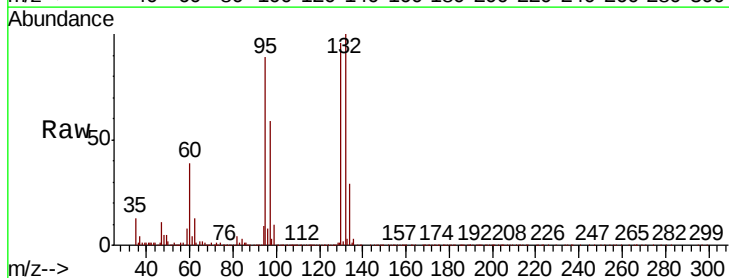
Tot Ion	Ratio	Lower	Upper
43	100		
61	19.9	16.2	24.4
87	14.1	10.5	15.7

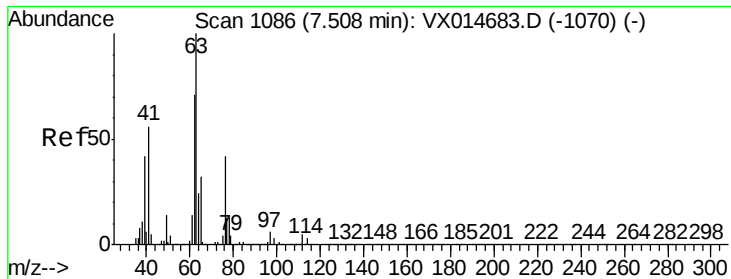


#44

Trichloroethene
 Concen: 18.808 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. 0.00 min
 Lab File: VX014829.D
 Acq: 05 Feb 2020 17:50

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.0	0.0	179.8

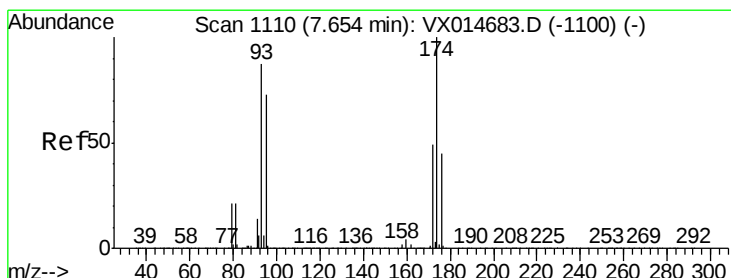
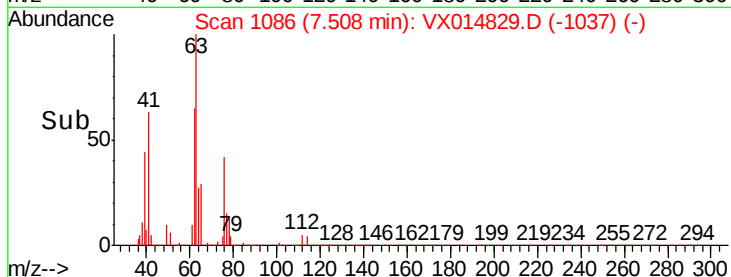
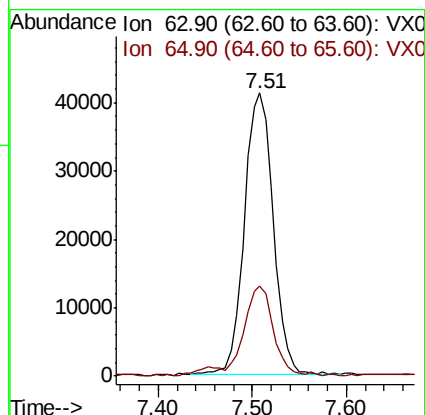
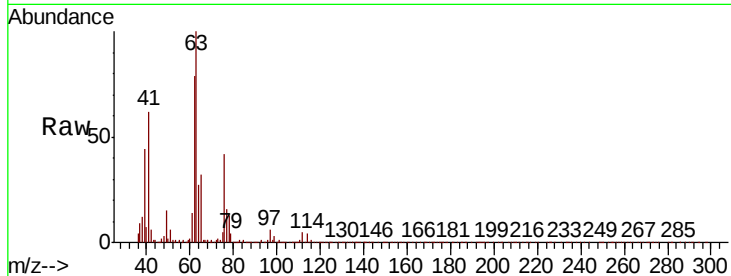




#45
 1,2-Dichloropropane
 Concen: 19.363 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX014829.D
 Acq: 05 Feb 2020 17:50

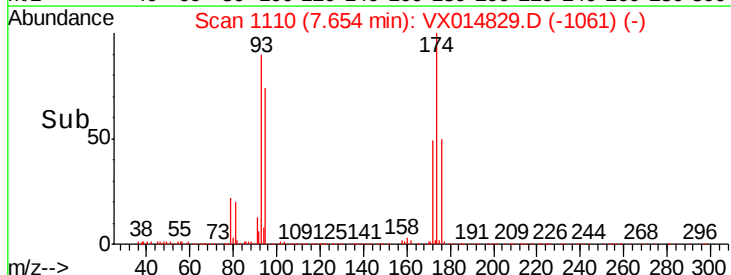
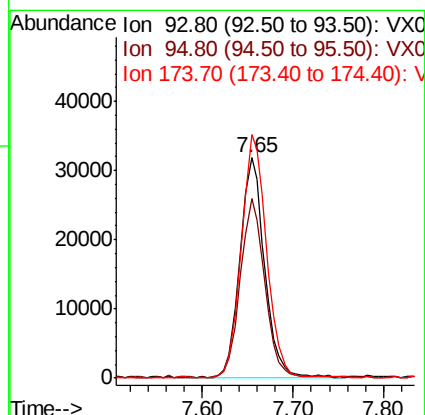
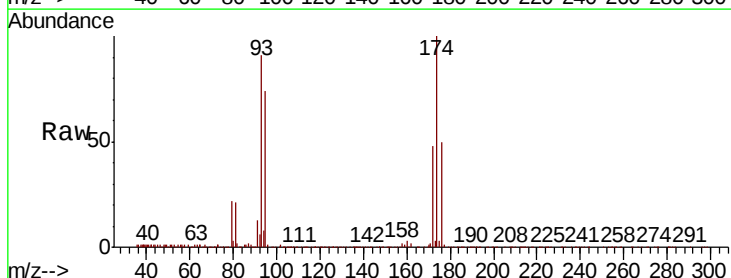
Instrument :
 MSVOA_X
 ClientSampleId :

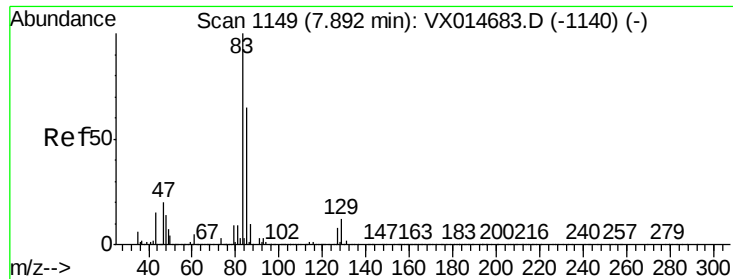
Tot Ion: 63 Resp: 88346
 Ion Ratio Lower Upper
 63 100
 65 31.8 25.2 37.8



#46
 Dibromomethane
 Concen: 20.139 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX014829.D
 Acq: 05 Feb 2020 17:50

Tgt Ion: 93 Resp: 59511
 Ion Ratio Lower Upper
 93 100
 95 80.7 67.0 100.4
 174 114.8 90.2 135.2





#47

Bromodichloromethane

Concen: 19.942 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX014829.D

Acq: 05 Feb 2020 17:50

Instrument :

MSVOA_X

ClientSampleId :

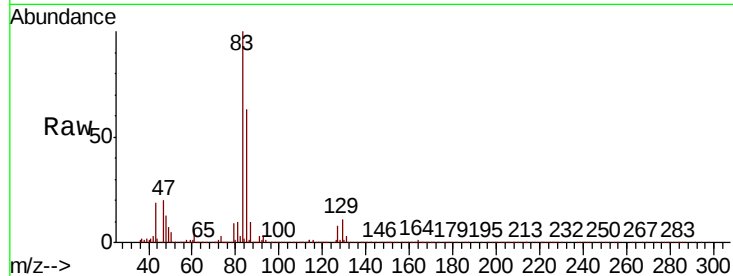
Tot Ion: 83 Resp: 115574

Ion Ratio Lower Upper

83 100

85 63.2 52.2 78.2

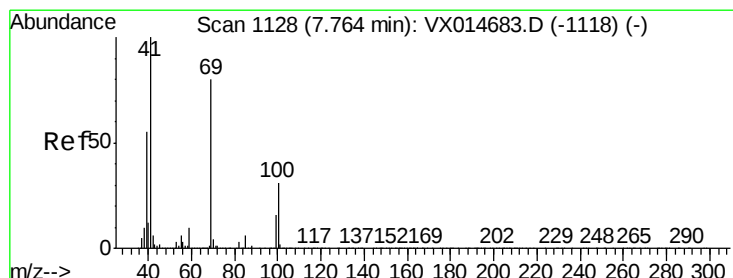
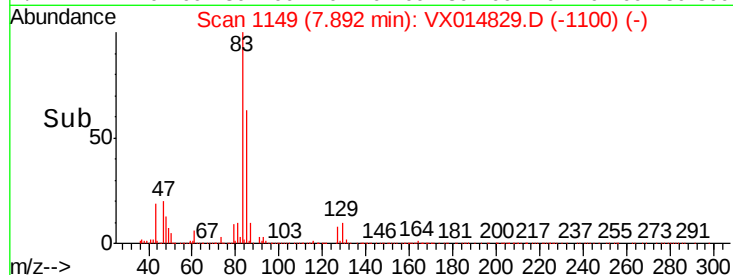
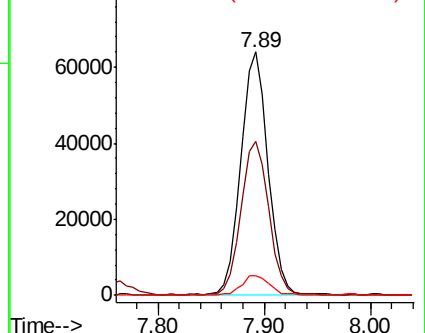
127 8.2 6.4 9.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 19.029 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX014829.D

Acq: 05 Feb 2020 17:50

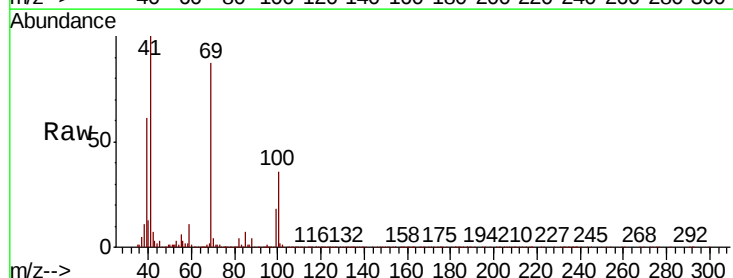
Tgt Ion: 41 Resp: 97740

Ion Ratio Lower Upper

41 100

69 82.3 63.5 95.3

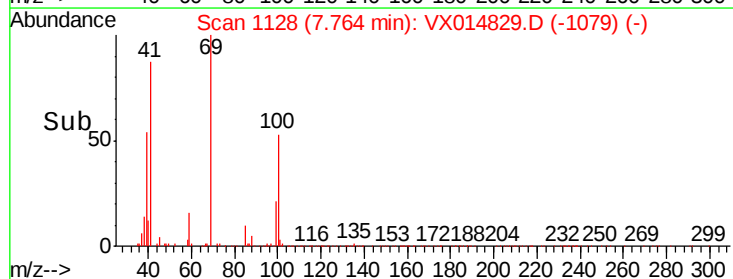
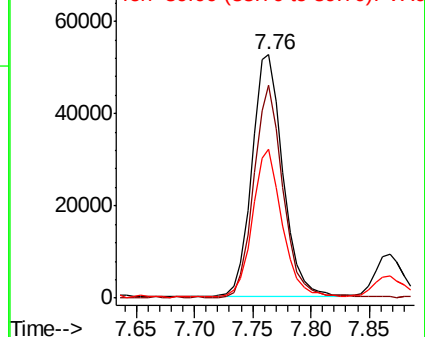
39 58.4 43.7 65.5

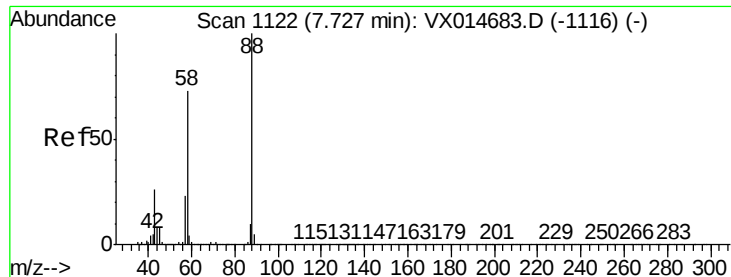


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 359.772 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. 0.01 min

Lab File: VX014829.D

Acq: 05 Feb 2020 17:50

Instrument :
MSVOA_X
ClientSampled :

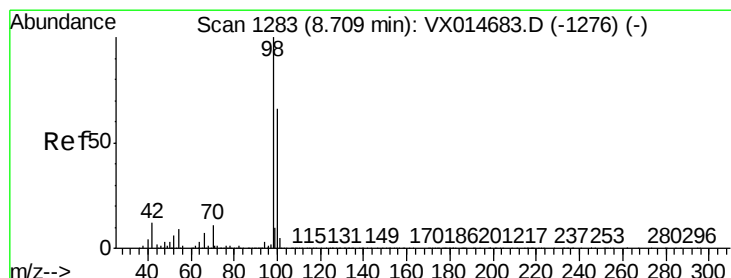
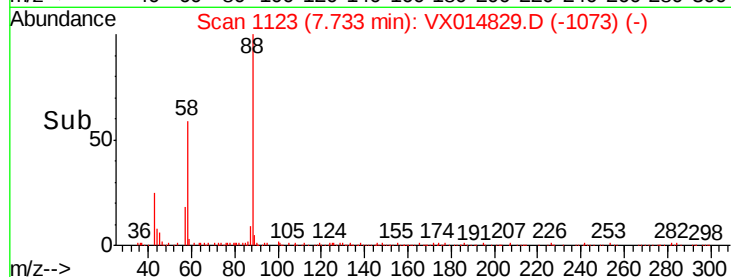
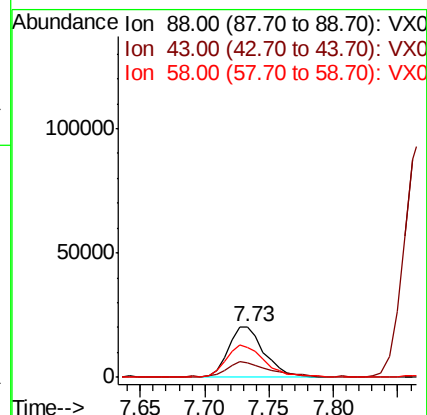
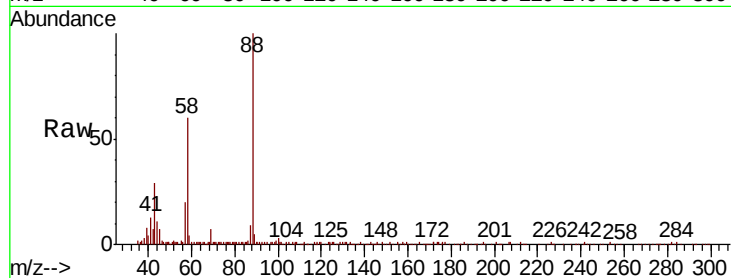
Tot Ion: 88 Resp: 39172

Ion Ratio Lower Upper

88 100

43 35.2 26.2 39.2

58 70.0 56.6 85.0



#50

Toluene-d8

Concen: 47.595 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014829.D

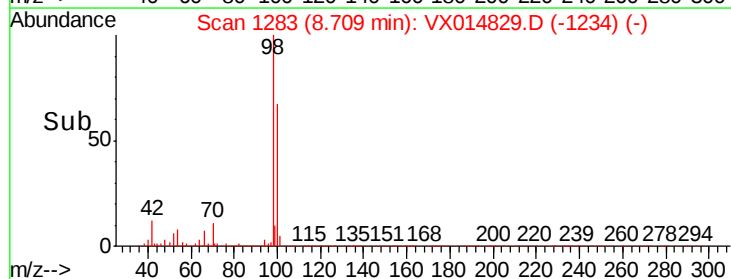
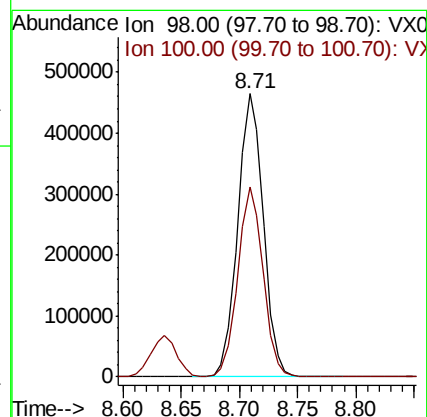
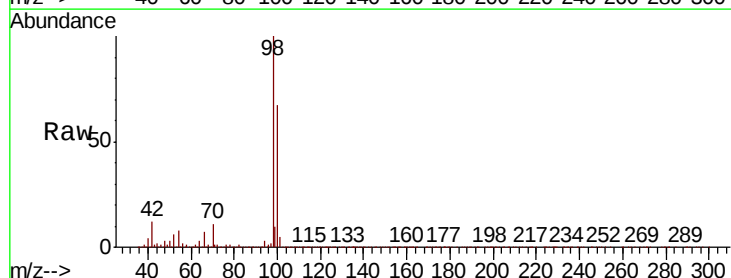
Acq: 05 Feb 2020 17:50

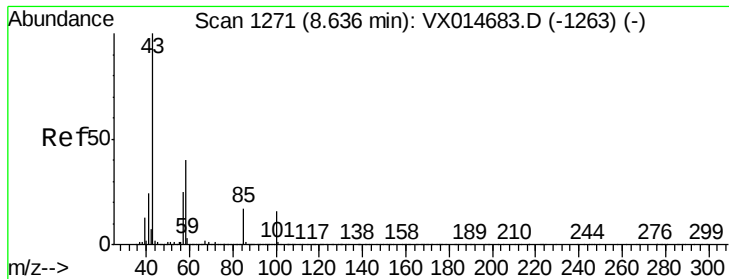
Tgt Ion: 98 Resp: 712202

Ion Ratio Lower Upper

98 100

100 66.1 53.0 79.6





#51

4-Methyl-2-Pentanone

Concen: 94.473 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX014829.D

Acq: 05 Feb 2020 17:50

Instrument :

MSVOA_X

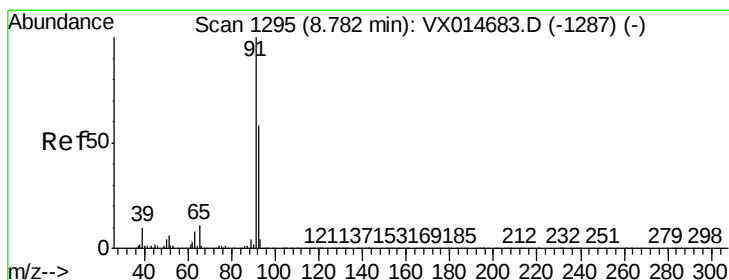
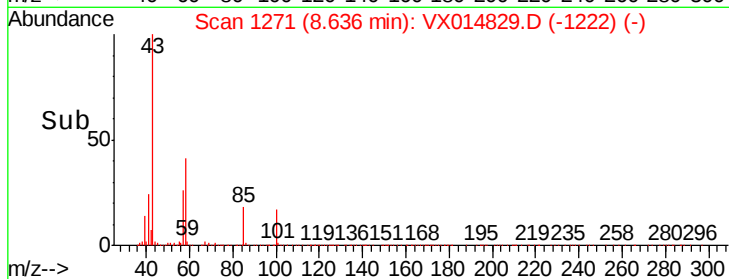
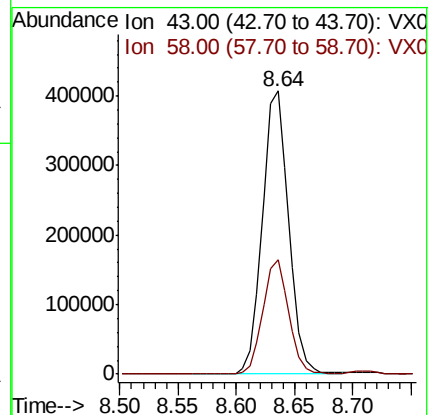
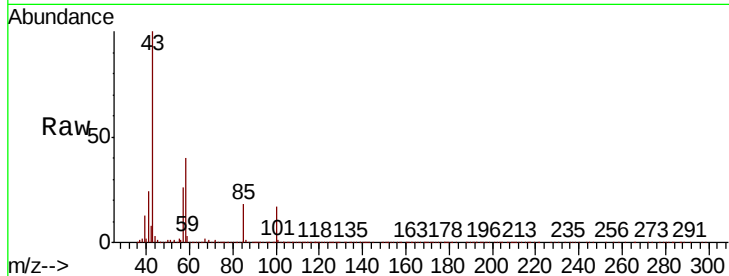
ClientSampleId :

Tot Ion: 43 Resp: 641000

Ion Ratio Lower Upper

43 100

58 39.6 31.6 47.4



#52

Toluene

Concen: 19.474 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX014829.D

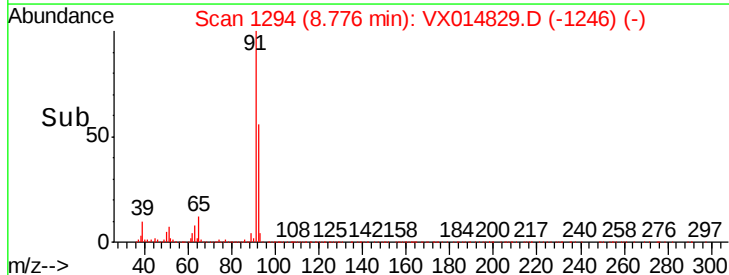
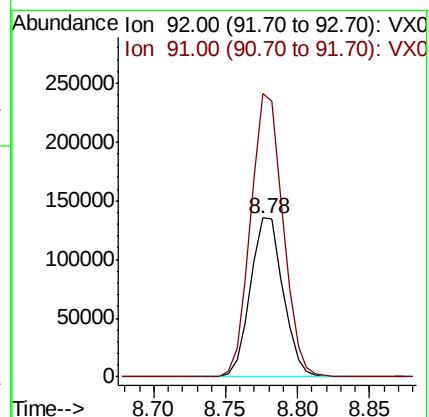
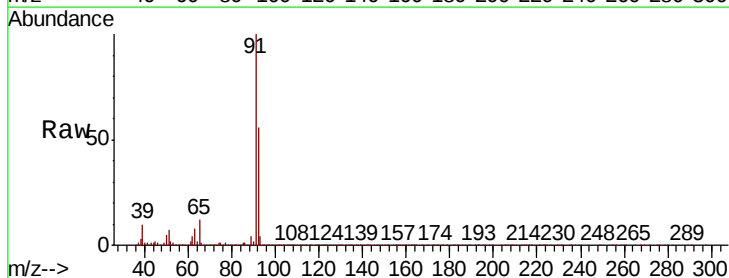
Acq: 05 Feb 2020 17:50

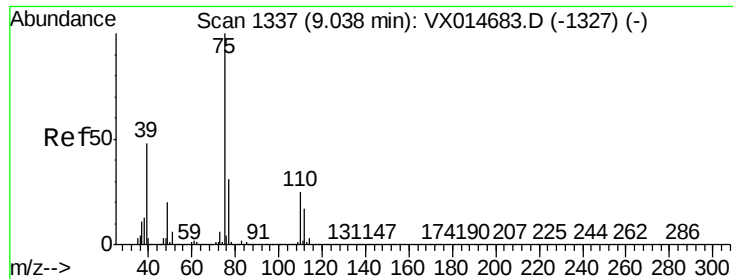
Tgt Ion: 92 Resp: 212008

Ion Ratio Lower Upper

92 100

91 176.4 135.9 203.9

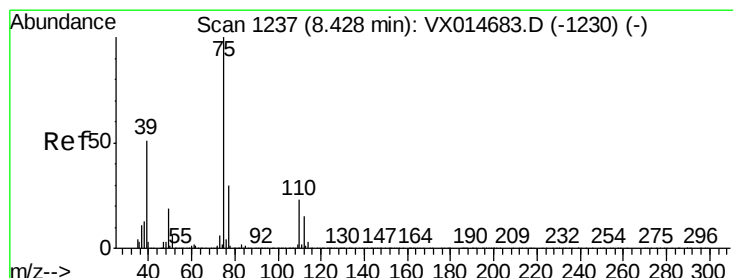
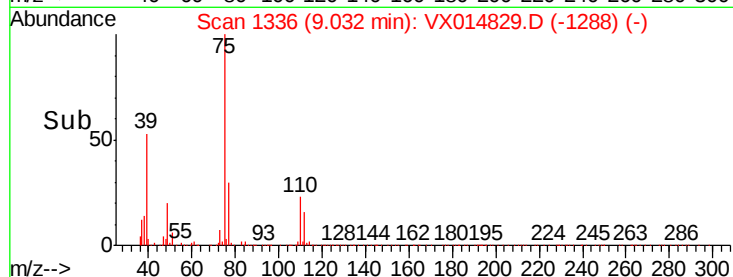
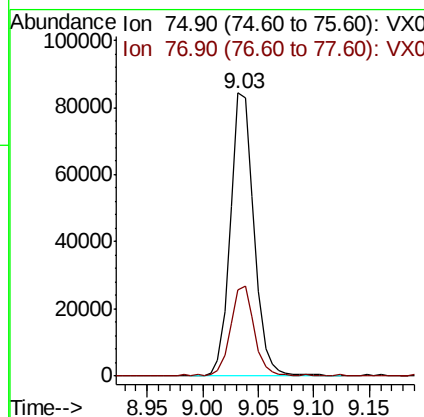
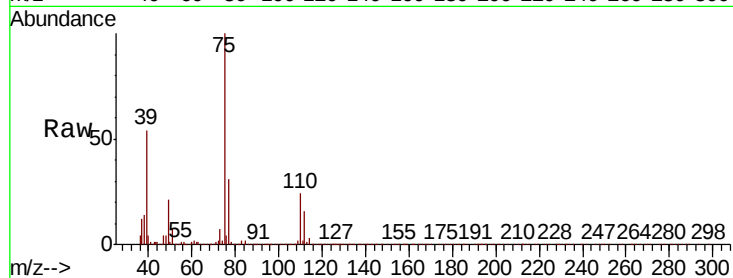




#53
t-1,3-Dichloropropene
Concen: 19.891 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. -0.01 min
Lab File: VX014829.D
Acq: 05 Feb 2020 17:50

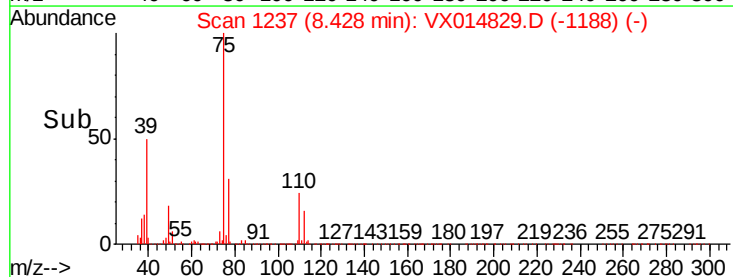
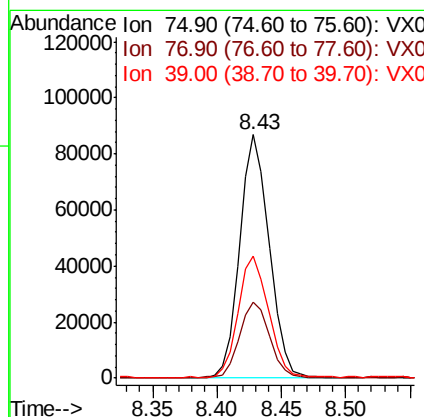
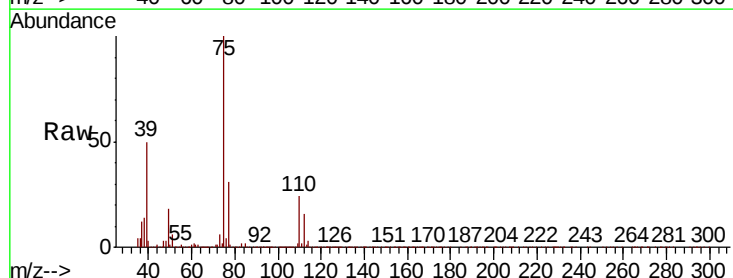
Instrument :
MSVOA_X
ClientSampleId :

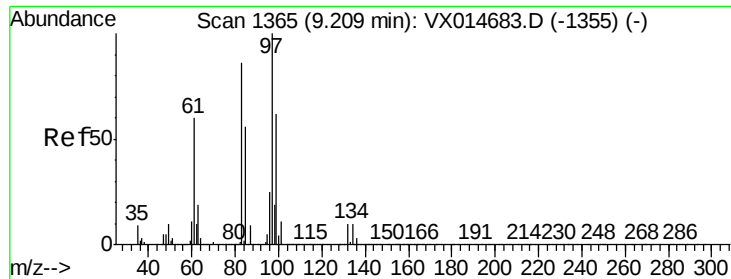
Tot Ion: 75 Resp: 124129
Ion Ratio Lower Upper
75 100
77 30.4 24.9 37.3



#54
cis-1,3-Dichloropropene
Concen: 19.997 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX014829.D
Acq: 05 Feb 2020 17:50

Tgt Ion: 75 Resp: 137283
Ion Ratio Lower Upper
75 100
77 30.9 23.9 35.9
39 49.7 40.9 61.3





#55

1,1,2-Trichloroethane

Concen: 20.129 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. 0.00 min

Lab File: VX014829.D

Acq: 05 Feb 2020 17:50

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 97 Resp: 89718

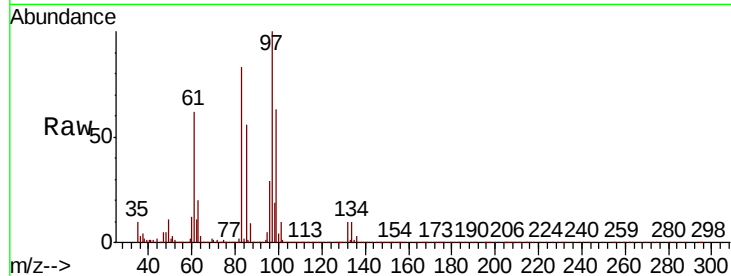
Ion Ratio Lower Upper

97 100

83 83.1 69.2 103.8

85 55.9 44.6 67.0

99 62.2 50.1 75.1

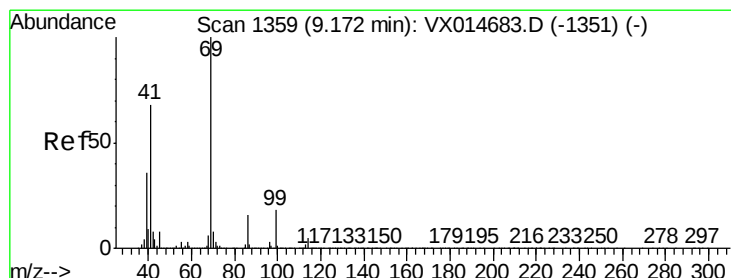
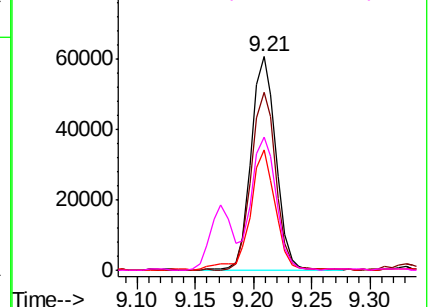
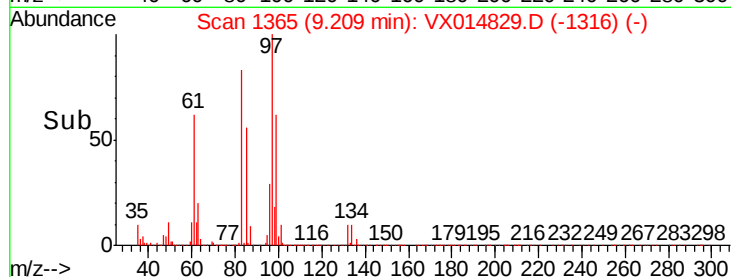


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 18.917 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX014829.D

Acq: 05 Feb 2020 17:50

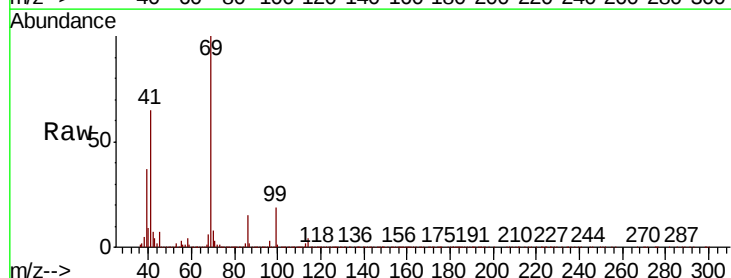
Tgt Ion: 69 Resp: 134251

Ion Ratio Lower Upper

69 100

41 67.9 54.9 82.3

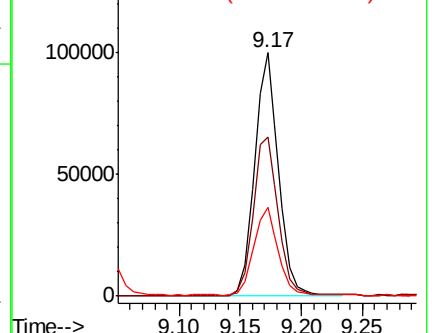
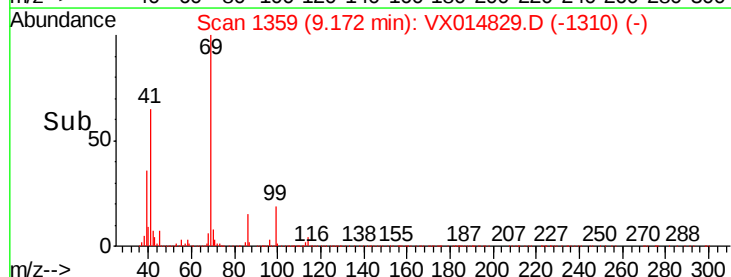
39 36.8 29.3 43.9

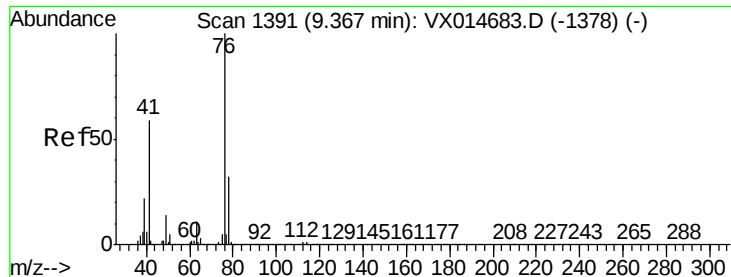


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 20.091 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX014829.D

Acq: 05 Feb 2020 17:50

Instrument :

MSVOA_X

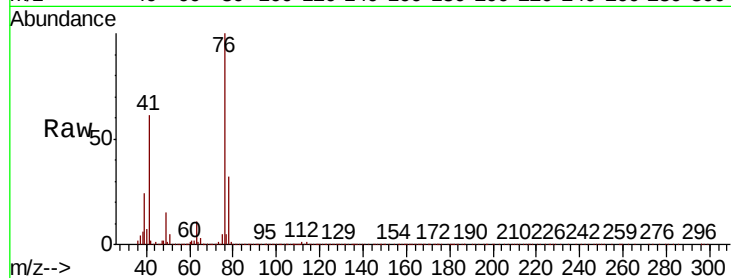
ClientSampleId :

Tot Ion: 76 Resp: 153085

Ion Ratio Lower Upper

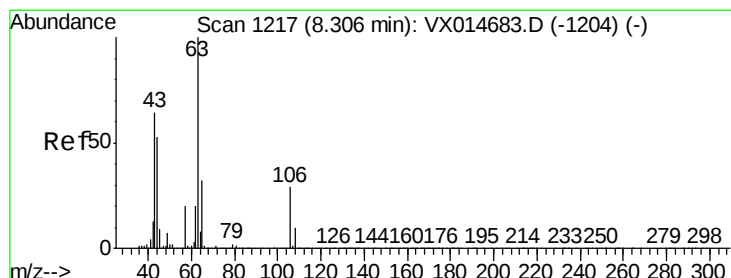
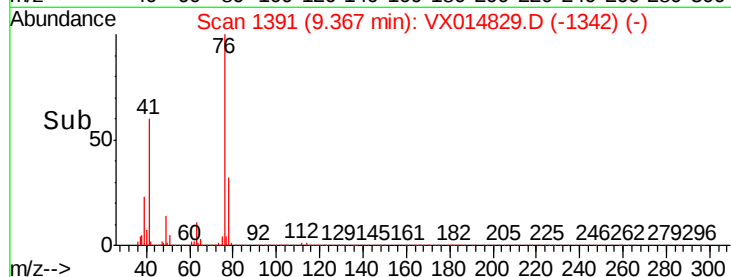
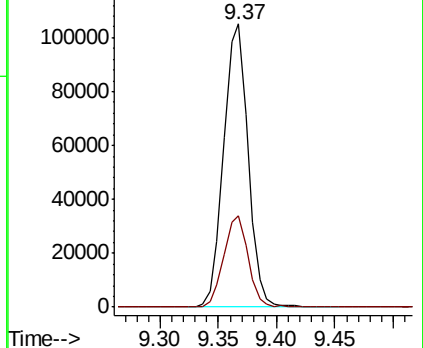
76 100

78 31.6 26.0 39.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 95.501 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX014829.D

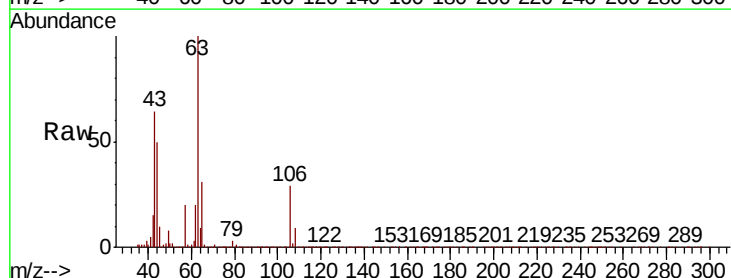
Acq: 05 Feb 2020 17:50

Tgt Ion: 63 Resp: 214072

Ion Ratio Lower Upper

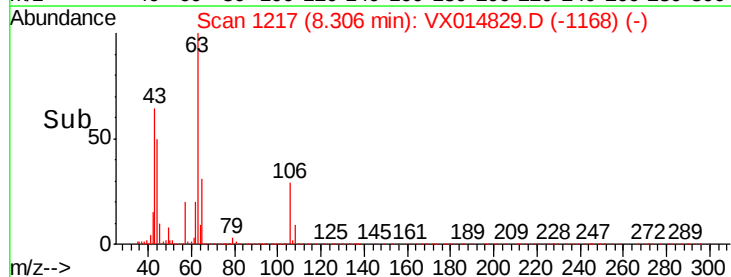
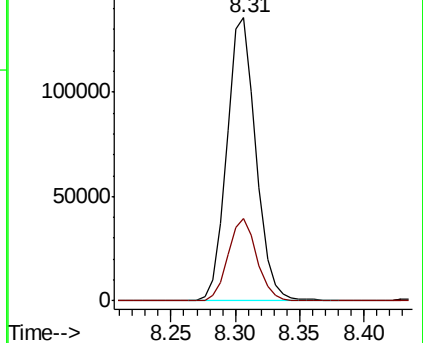
63 100

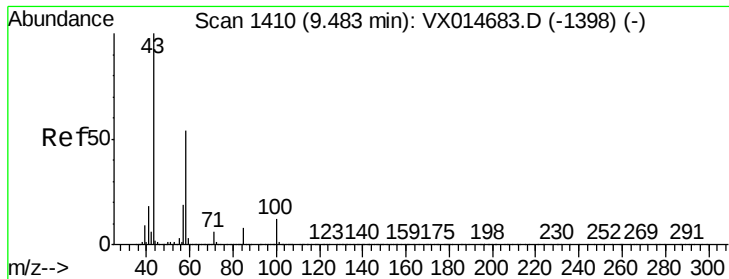
106 28.7 22.7 34.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

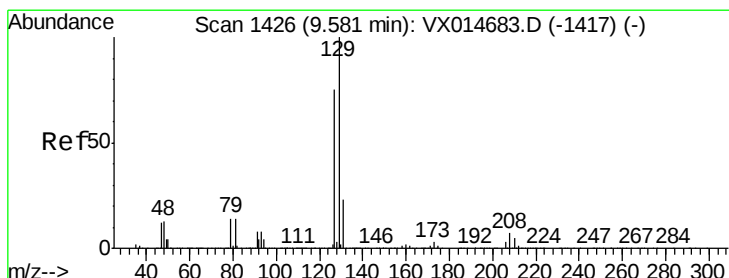
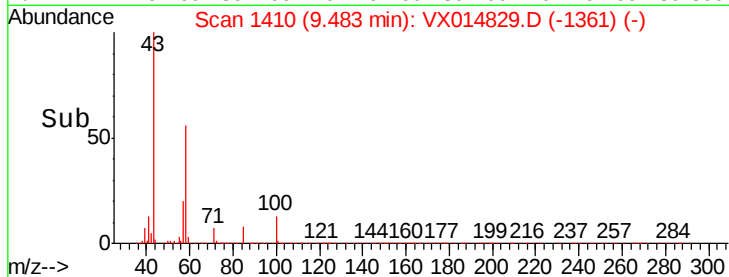
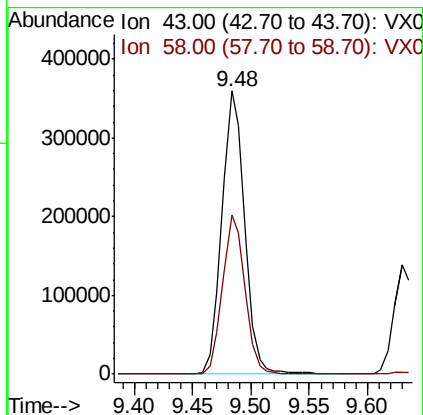
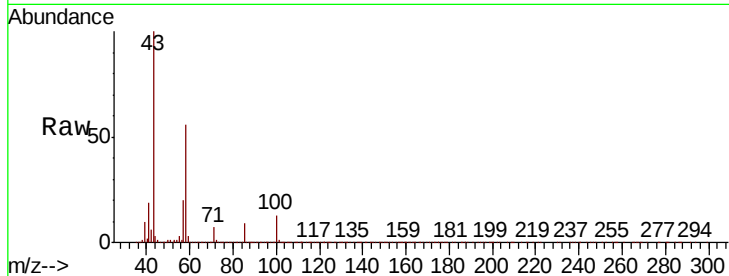




#59
2-Hexanone
Concen: 92.051 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX014829.D
Acq: 05 Feb 2020 17:50

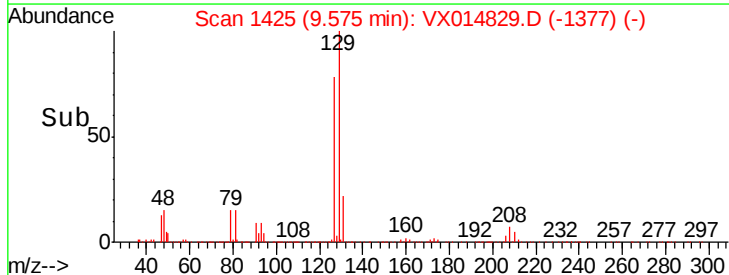
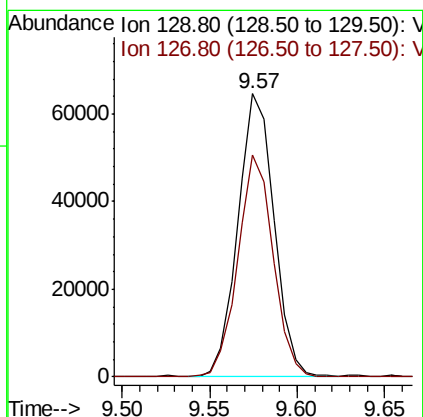
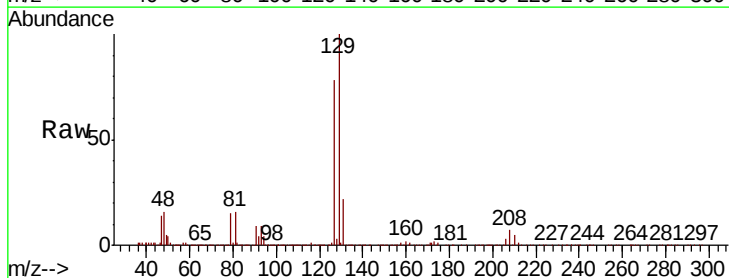
Instrument :
MSVOA_X
ClientSampleId :

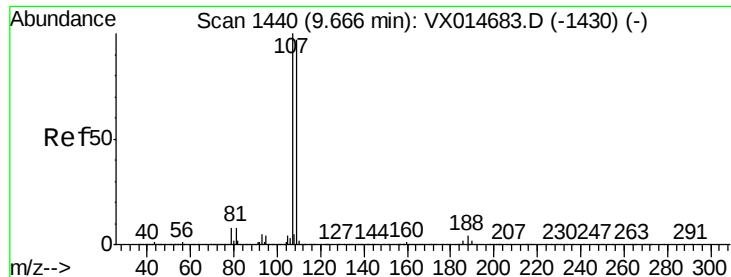
Tot Ion: 43 Resp: 484655
Ion Ratio Lower Upper
43 100
58 55.3 27.2 81.5



#60
Dibromochloromethane
Concen: 19.894 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014829.D
Acq: 05 Feb 2020 17:50

Tgt Ion: 129 Resp: 92553
Ion Ratio Lower Upper
129 100
127 77.1 38.5 115.5





#61

1,2-Dibromoethane

Concen: 19.746 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014829.D

Acq: 05 Feb 2020 17:50

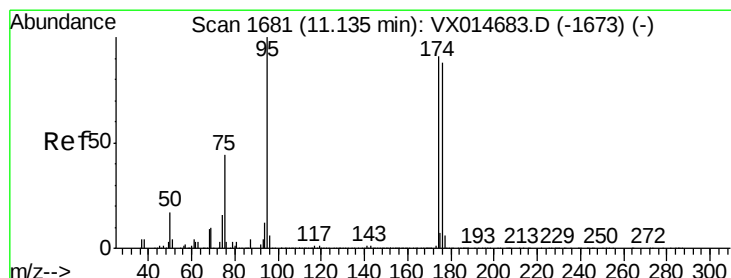
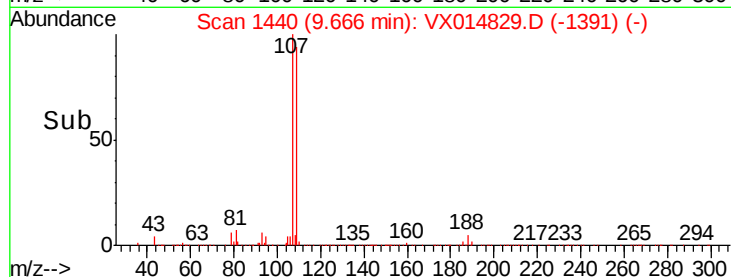
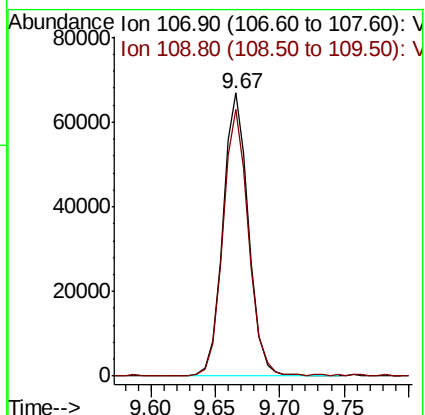
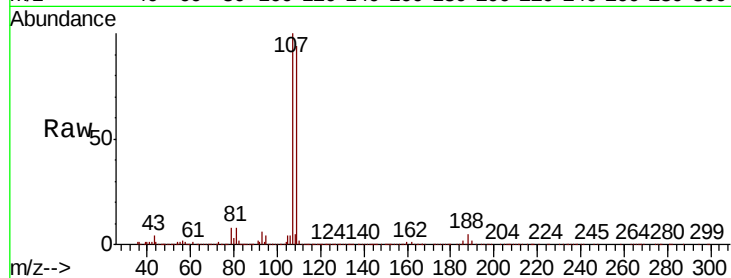
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:107 Resp: 93054

Ion Ratio Lower Upper

107 100

109 94.2 76.2 114.2



#62

4-Bromofluorobenzene

Concen: 47.194 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014829.D

Acq: 05 Feb 2020 17:50

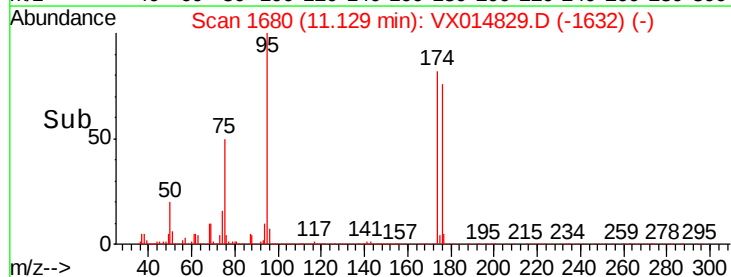
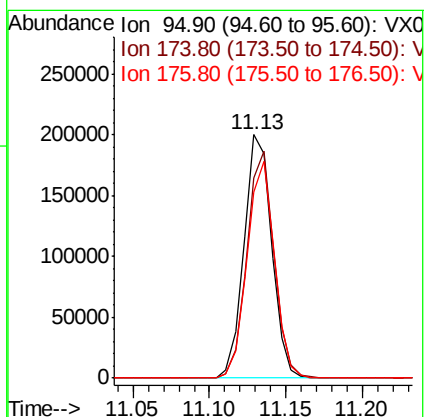
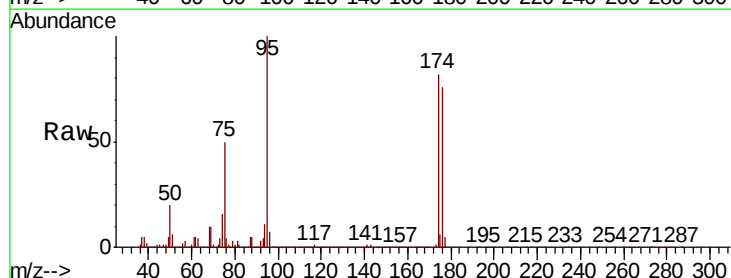
Tgt Ion: 95 Resp: 251564

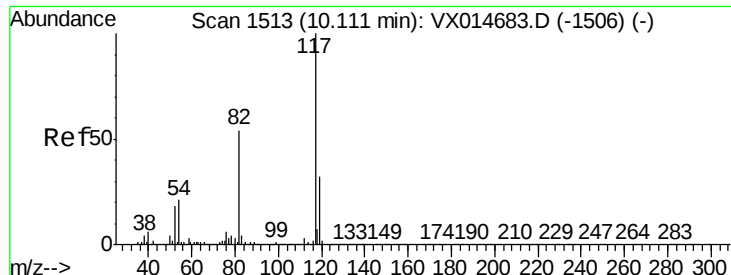
Ion Ratio Lower Upper

95 100

174 91.3 0.0 176.0

176 88.0 0.0 172.2

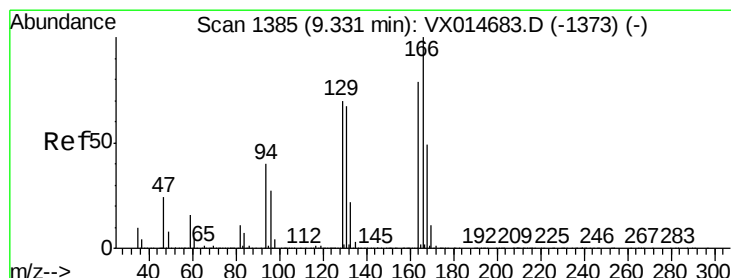
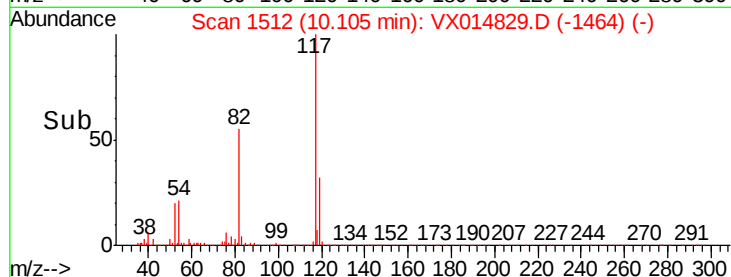
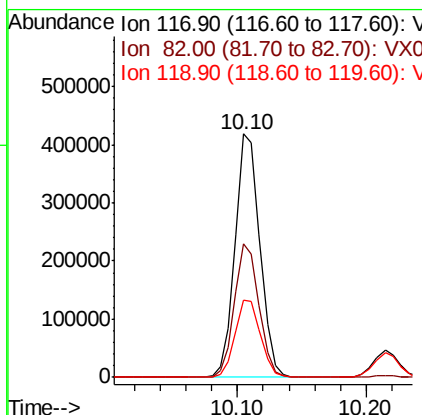
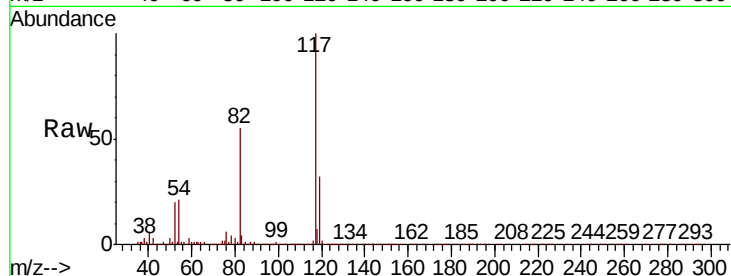




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014829.D
Acq: 05 Feb 2020 17:50

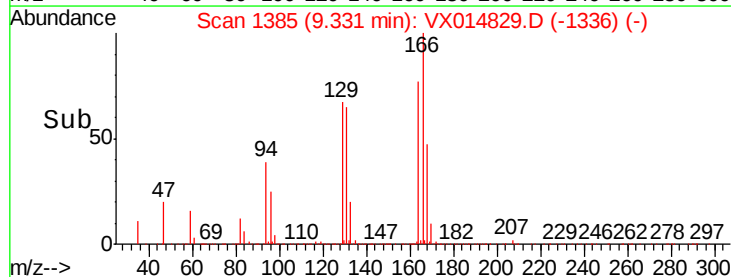
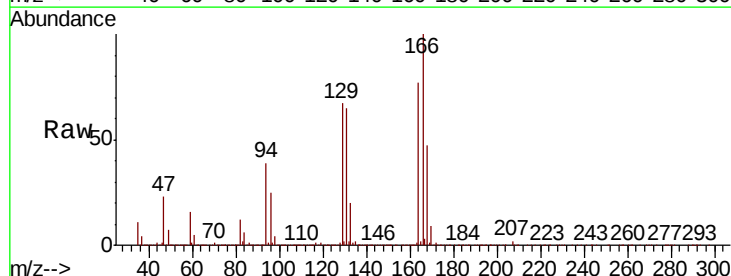
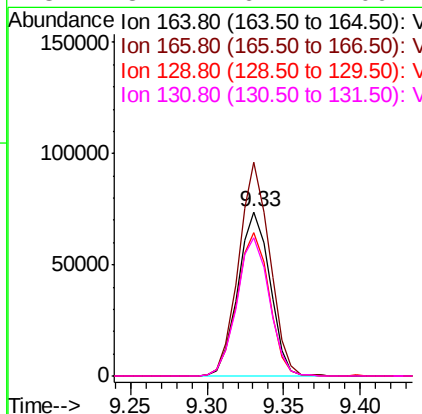
Instrument :
MSVOA_X
ClientSampled :

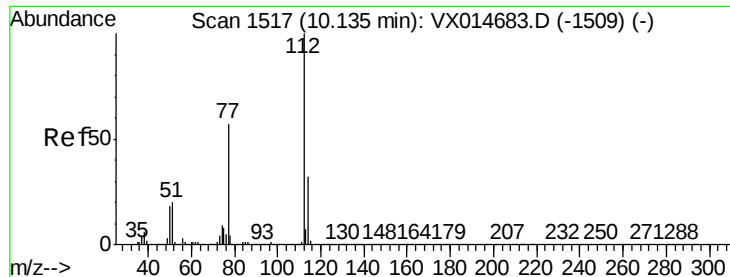
Tot Ion	Ratio	Lower	Upper
117	100		
82	54.6	43.2	64.8
119	31.8	25.8	38.6



#64
Tetrachloroethene
Concen: 19.261 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014829.D
Acq: 05 Feb 2020 17:50

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.0	100.9	151.3
129	87.7	71.0	106.6
131	84.4	67.1	100.7





#65

Chlorobenzene

Concen: 19.456 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX014829.D

Acq: 05 Feb 2020 17:50

Instrument :

MSVOA_X

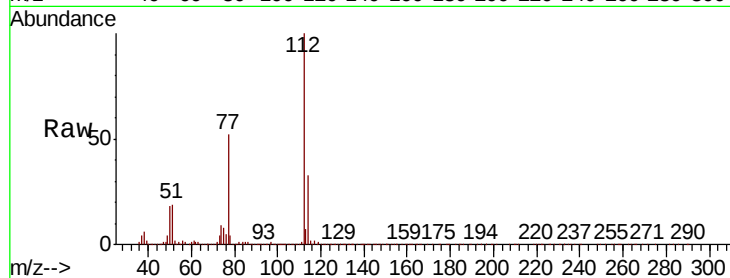
ClientSampleId :

Tot Ion:112 Resp: 233977

Ion Ratio Lower Upper

112 100

114 33.2 25.8 38.8



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

200000

150000

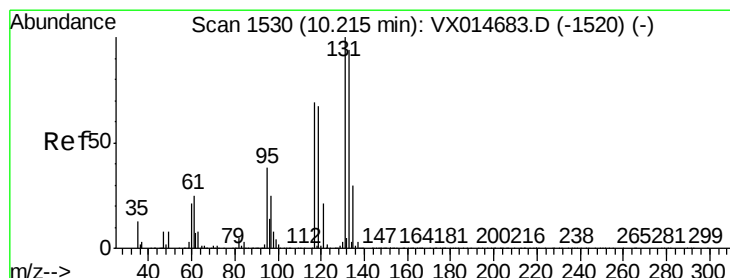
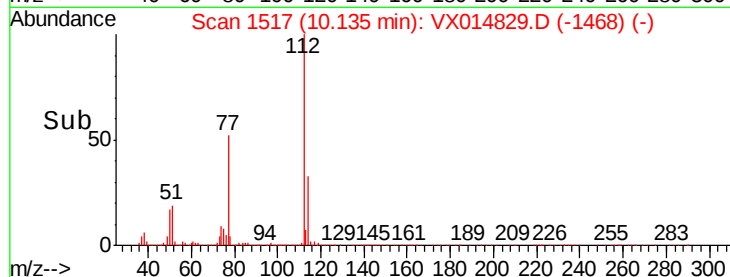
100000

50000

0

10.10 10.14 10.20

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 19.869 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX014829.D

Acq: 05 Feb 2020 17:50

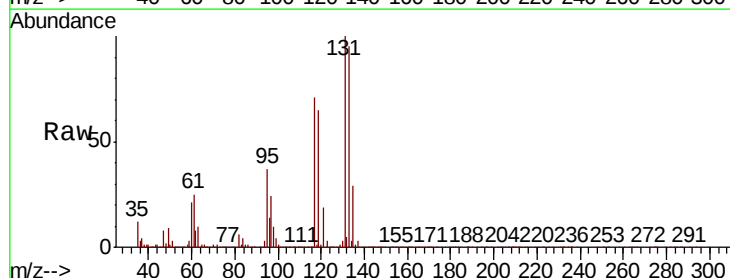
Tgt Ion:131 Resp: 88100

Ion Ratio Lower Upper

131 100

133 95.1 47.4 142.3

119 64.8 33.3 99.8



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

150000

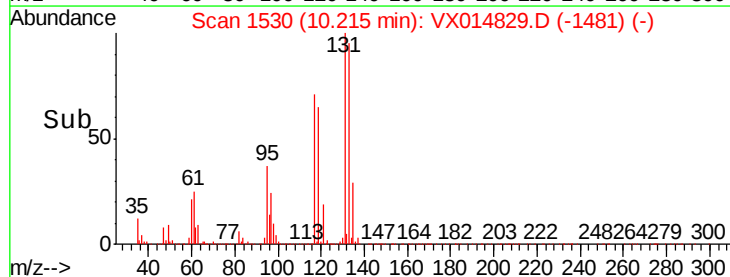
100000

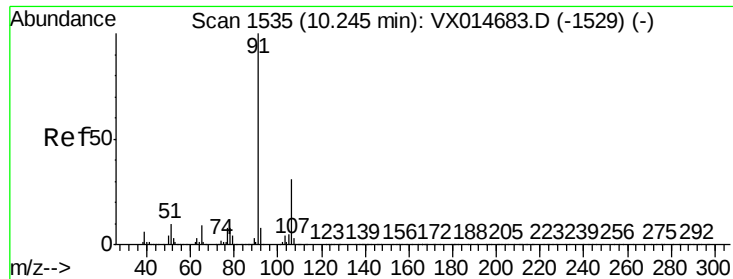
50000

0

10.15 10.20 10.25

Time-->

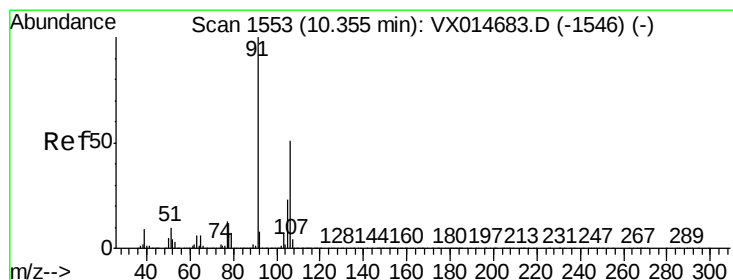
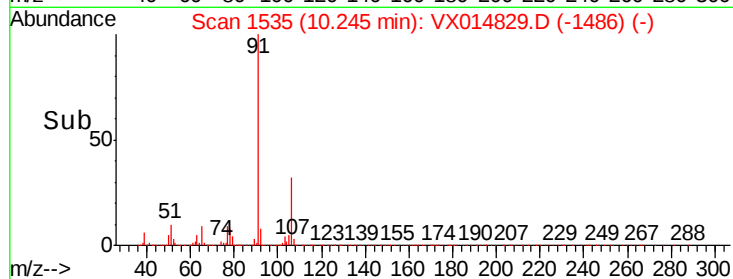
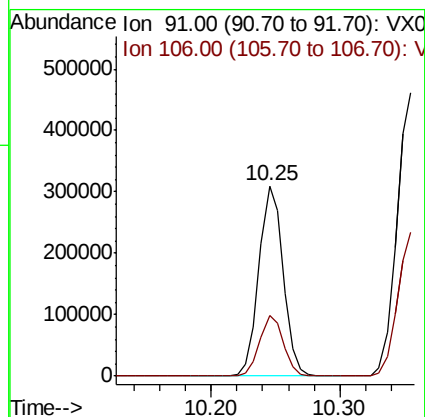
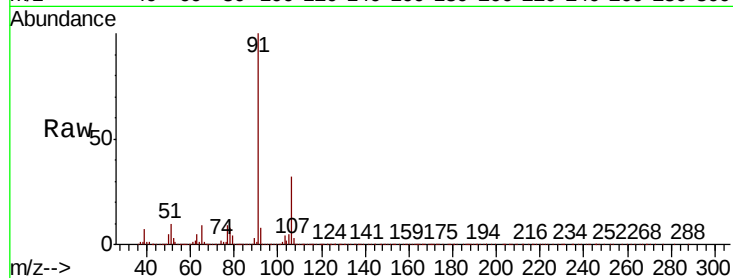




#67
Ethyl Benzene
Concen: 19.452 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX014829.D
Acq: 05 Feb 2020 17:50

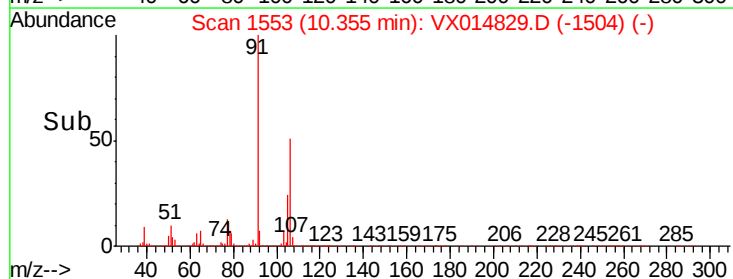
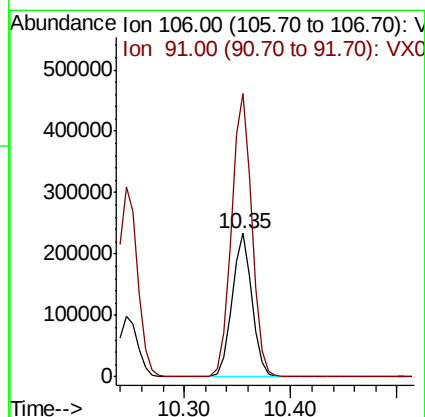
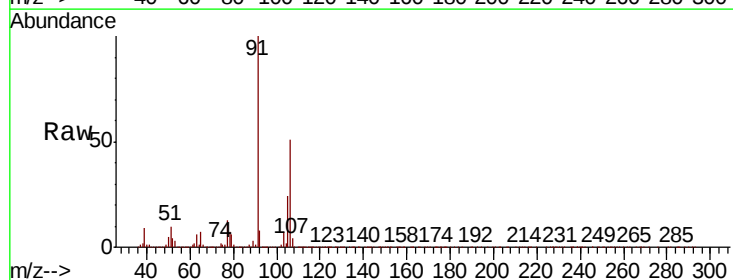
Instrument :
MSVOA_X
ClientSampleId :

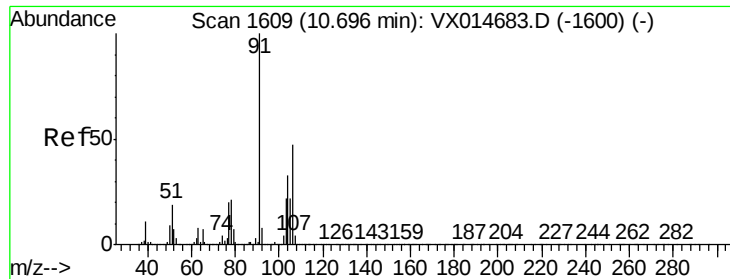
Tot Ion: 91 Resp: 399430
Ion Ratio Lower Upper
91 100
106 31.9 24.9 37.3



#68
m/p-Xylenes
Concen: 39.099 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX014829.D
Acq: 05 Feb 2020 17:50

Tgt Ion: 106 Resp: 304158
Ion Ratio Lower Upper
106 100
91 202.7 159.4 239.2

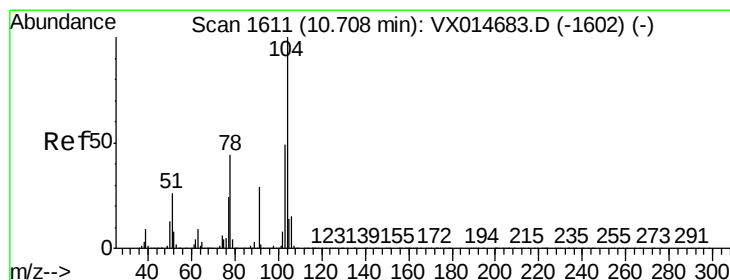
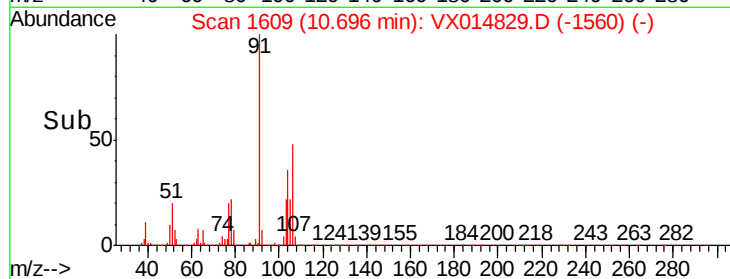
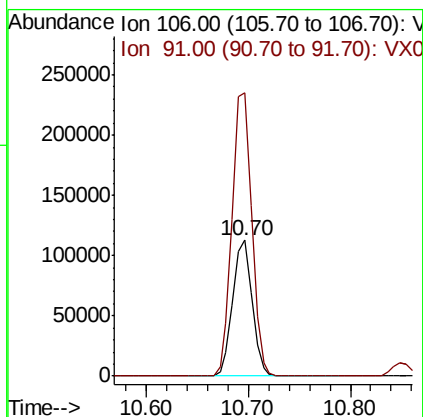
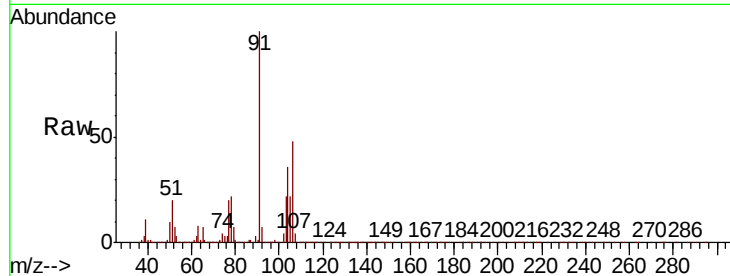




#69
o-Xylene
Concen: 19.685 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014829.D
Acq: 05 Feb 2020 17:50

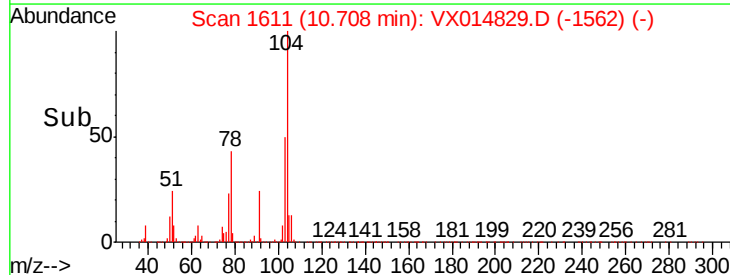
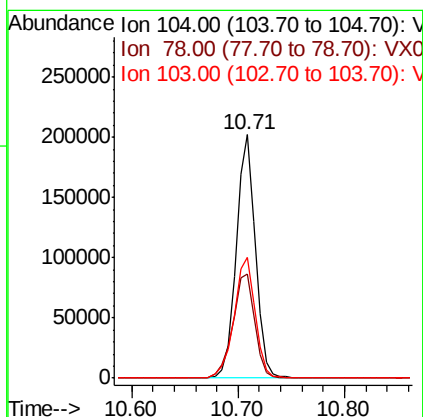
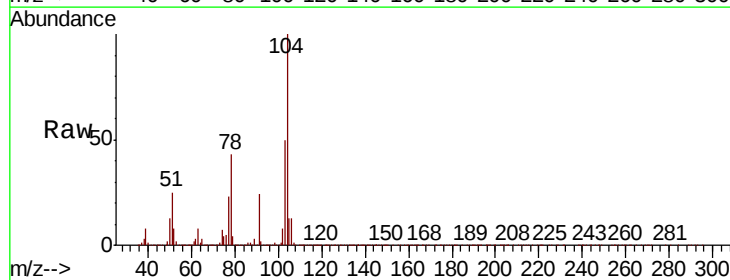
Instrument :
MSVOA_X
ClientSampled :

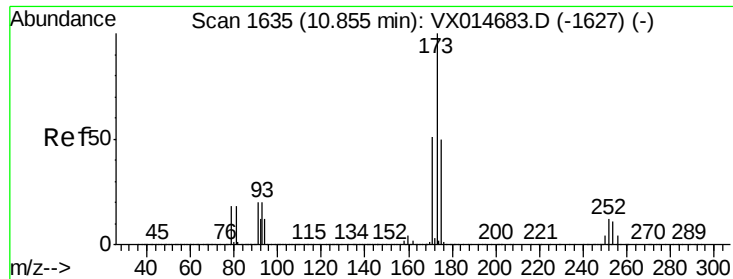
Tot Ion:106 Resp: 147835
Ion Ratio Lower Upper
106 100
91 211.1 106.2 318.6



#70
Styrene
Concen: 20.168 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014829.D
Acq: 05 Feb 2020 17:50

Tgt Ion:104 Resp: 254068
Ion Ratio Lower Upper
104 100
78 49.1 39.3 58.9
103 54.7 43.5 65.3

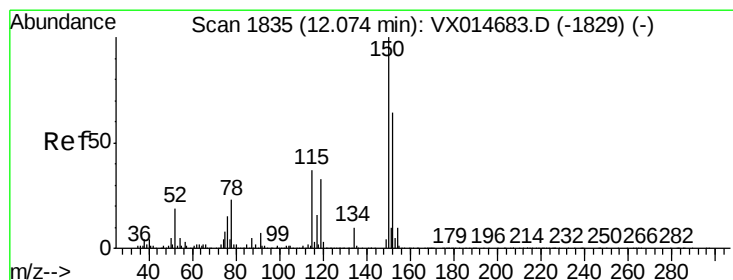
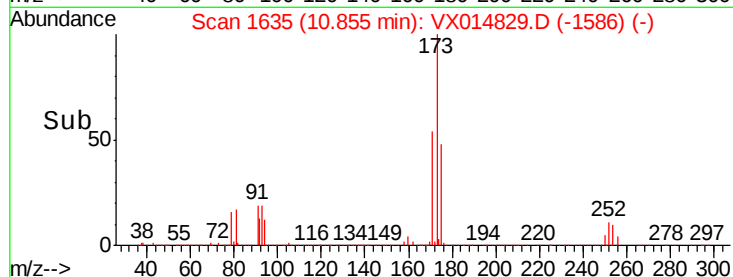
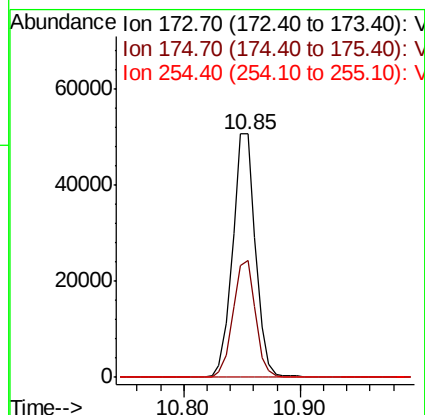
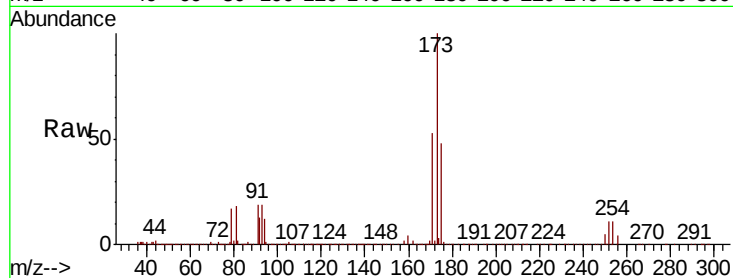




#71
Bromoform
Concen: 19.671 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX014829.D
Acq: 05 Feb 2020 17:50

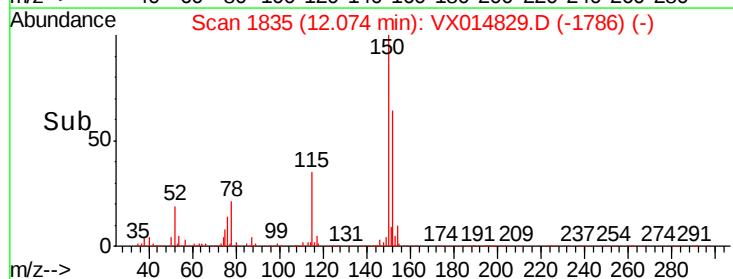
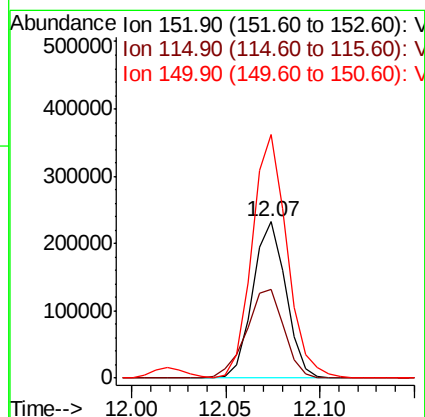
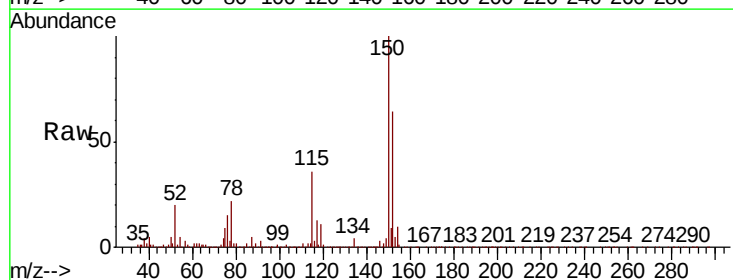
Instrument :
MSVOA_X
ClientSampleId :

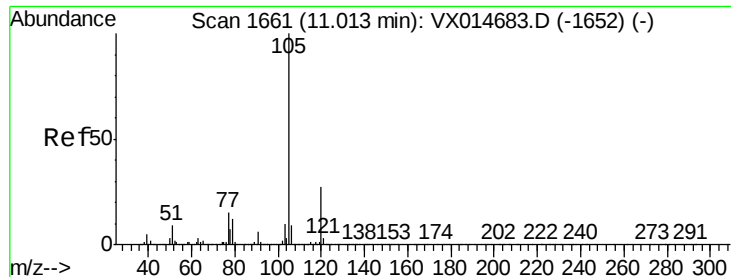
Tot Ion:173 Resp: 69362
Ion Ratio Lower Upper
173 100
175 47.2 24.6 73.6
254 0.4 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014829.D
Acq: 05 Feb 2020 17:50

Tgt Ion:152 Resp: 283033
Ion Ratio Lower Upper
152 100
115 64.7 39.4 118.1
150 163.3 0.0 351.2





#73

Isopropylbenzene

Concen: 19.971 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014829.D

Acq: 05 Feb 2020 17:50

Instrument :

MSVOA_X

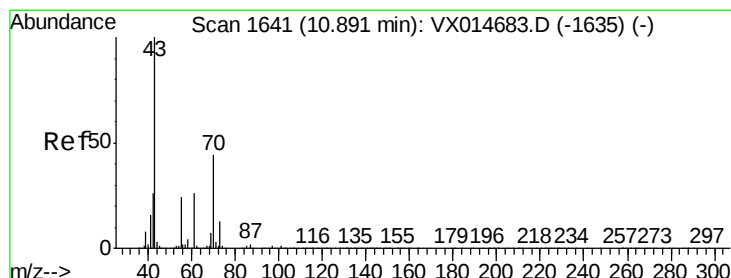
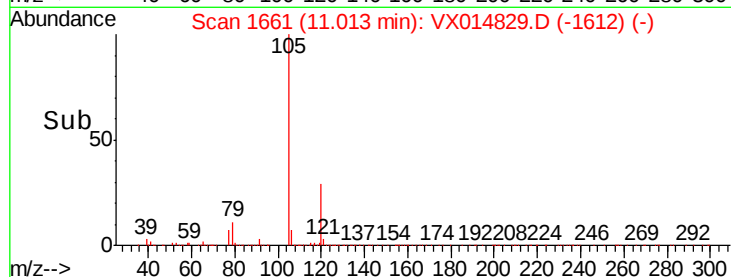
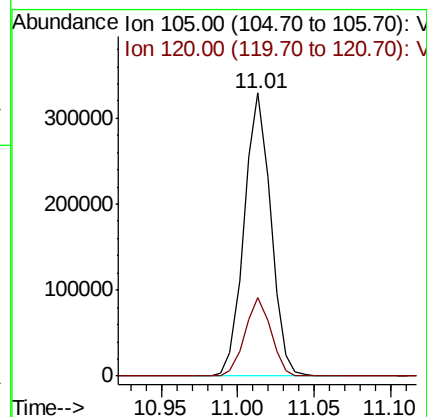
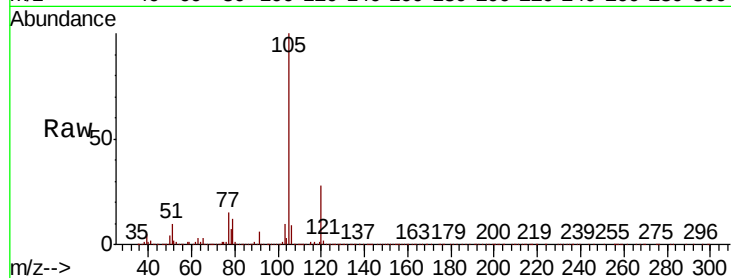
ClientSampleId :

Tot Ion:105 Resp: 397450

Ion Ratio Lower Upper

105 100

120 27.0 13.5 40.5



#74

N-ethyl acetate

Concen: 19.640 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014829.D

Acq: 05 Feb 2020 17:50

Tgt Ion: 43 Resp: 171278

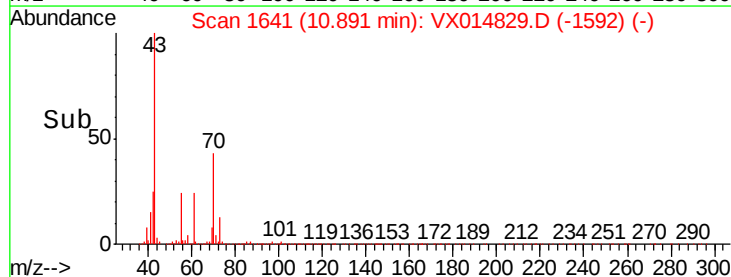
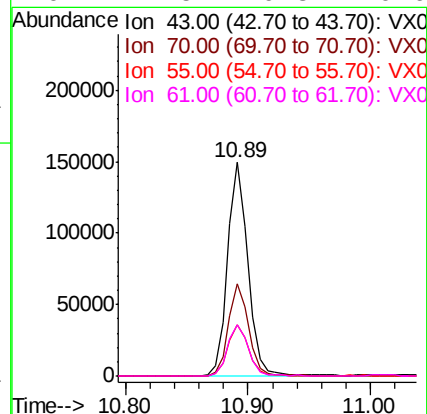
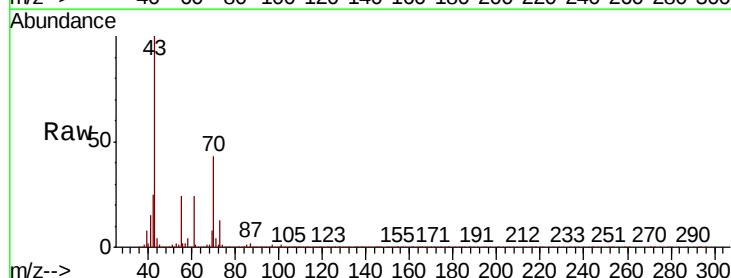
Ion Ratio Lower Upper

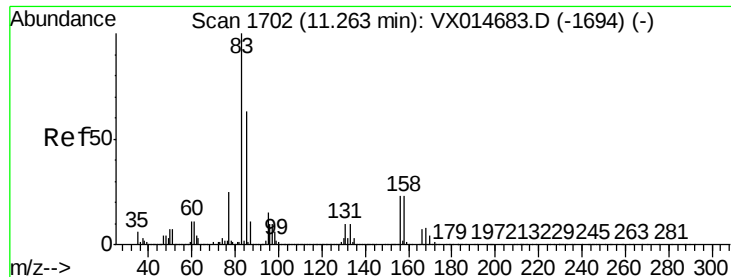
43 100

70 43.4 34.6 52.0

55 24.6 19.4 29.2

61 24.5 19.8 29.6





#75

1,1,2,2-Tetrachloroethane

Concen: 18.588 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014829.D

Acq: 05 Feb 2020 17:50

Instrument :

MSVOA_X

ClientSampleId :

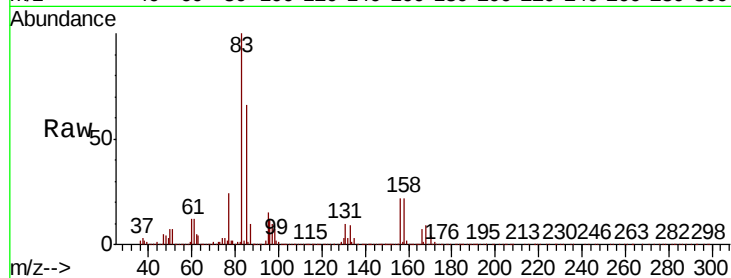
Tot Ion: 83 Resp: 132079

Ion Ratio Lower Upper

83 100

131 10.4 5.0 15.0

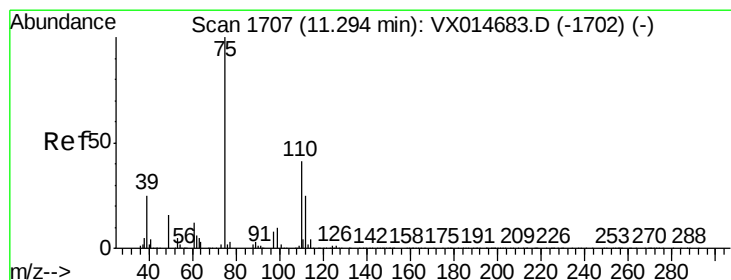
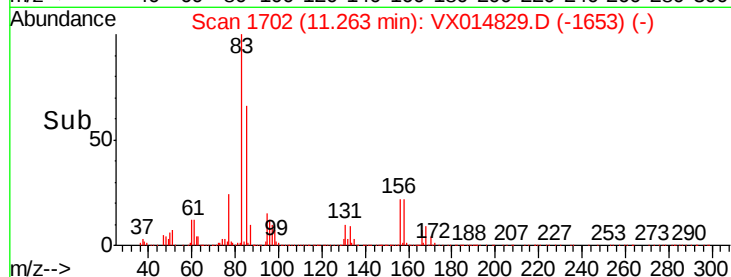
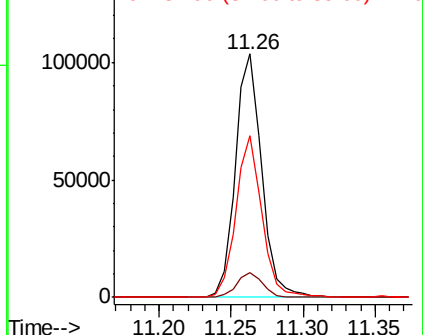
85 65.5 31.7 95.1



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 22.518 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014829.D

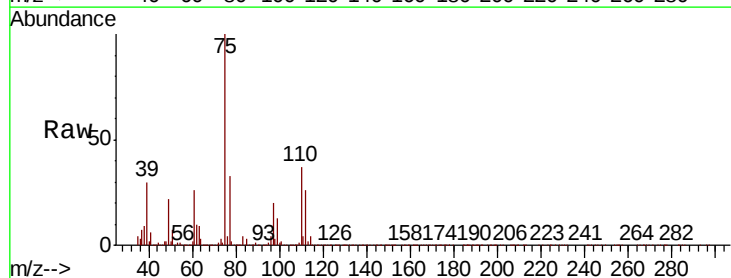
Acq: 05 Feb 2020 17:50

Tgt Ion: 75 Resp: 148278

Ion Ratio Lower Upper

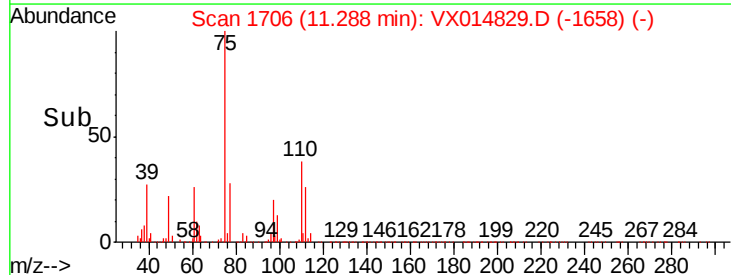
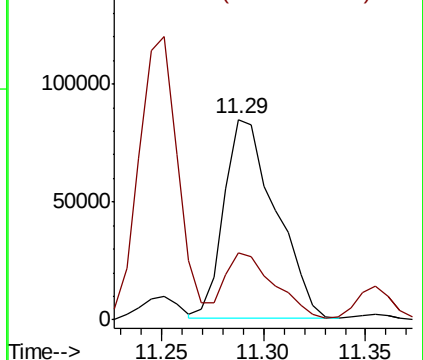
75 100

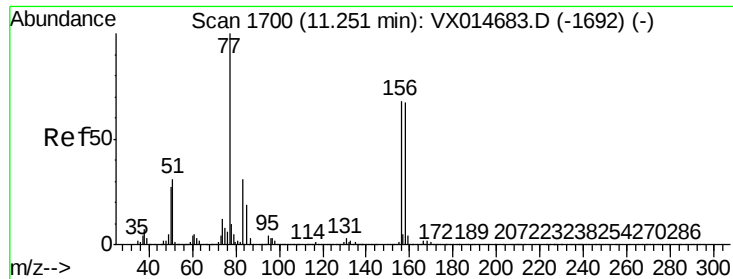
77 31.3 18.7 56.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.988 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014829.D

Acq: 05 Feb 2020 17:50

Instrument :

MSVOA_X

ClientSampled :

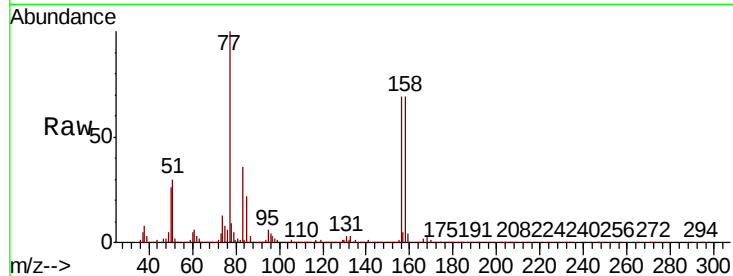
Tot Ion:156 Resp: 106864

Ion Ratio Lower Upper

156 100

77 150.2 77.5 232.5

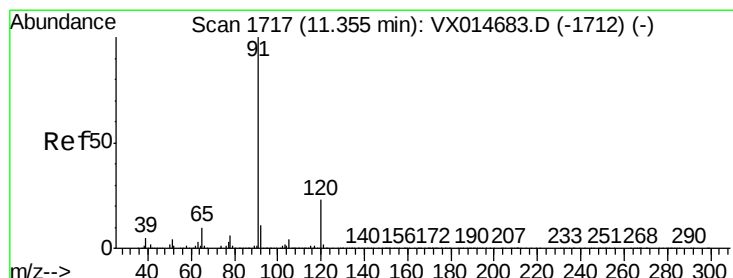
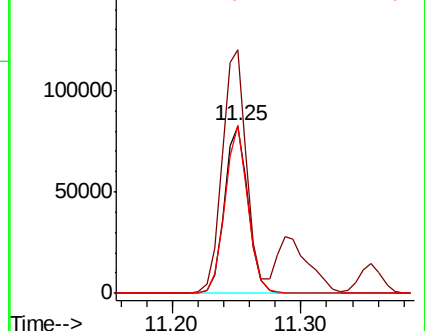
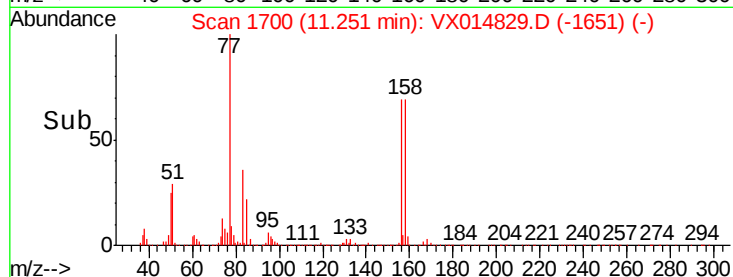
158 97.6 49.1 147.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.777 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX014829.D

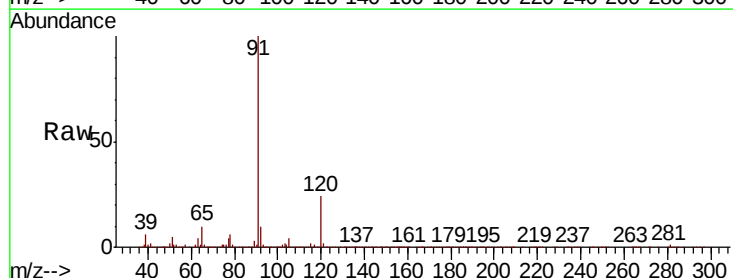
Acq: 05 Feb 2020 17:50

Tgt Ion: 91 Resp: 446759

Ion Ratio Lower Upper

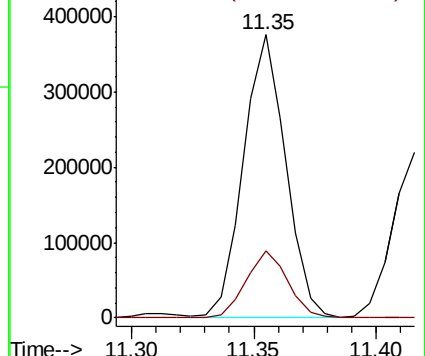
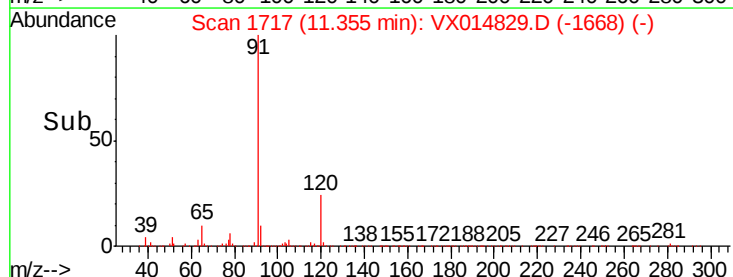
91 100

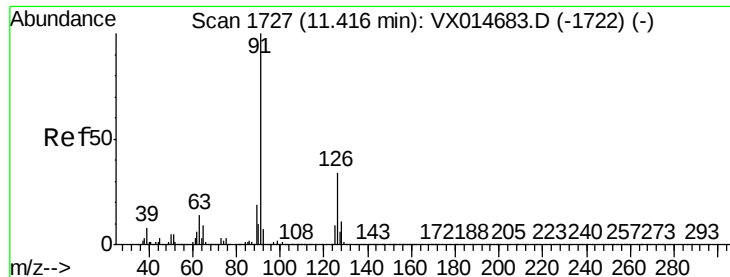
120 23.5 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

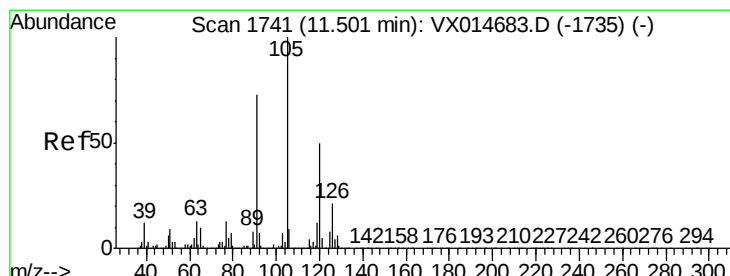
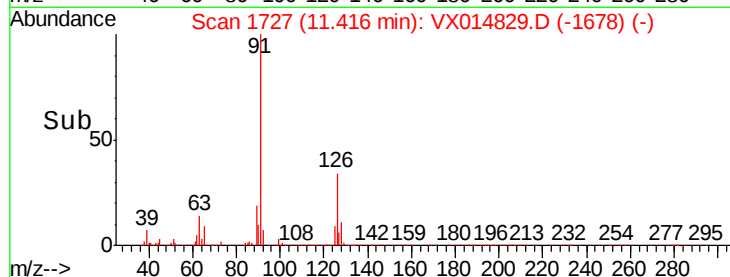
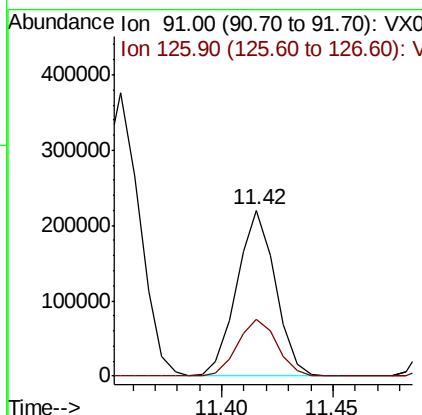
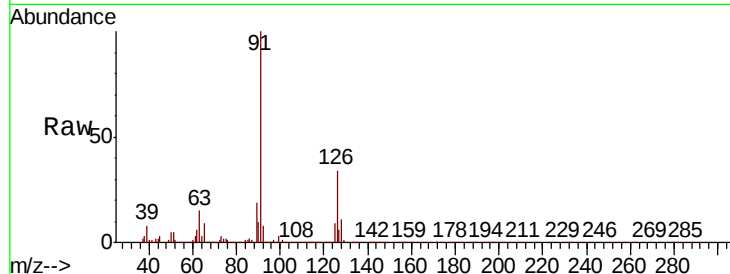




#79
2-Chlorotoluene
Concen: 19.342 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. 0.00 min
Lab File: VX014829.D
Acq: 05 Feb 2020 17:50

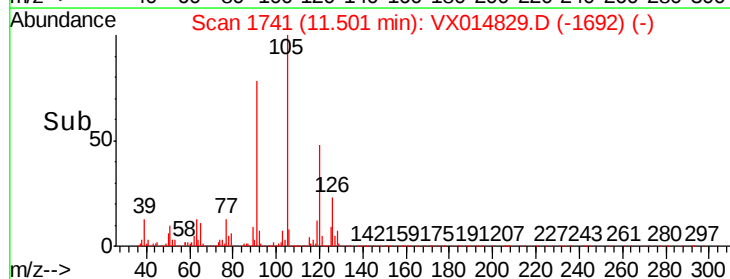
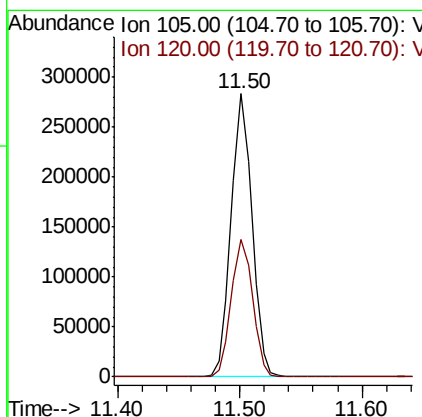
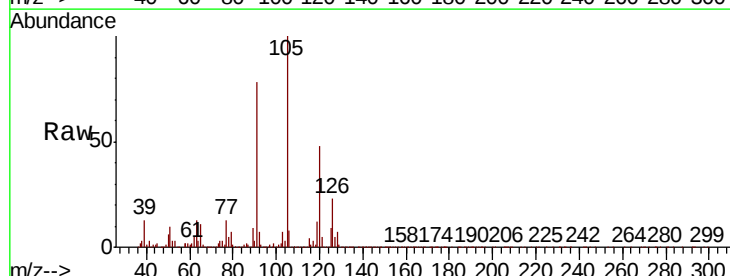
Instrument :
MSVOA_X
ClientSampleId :

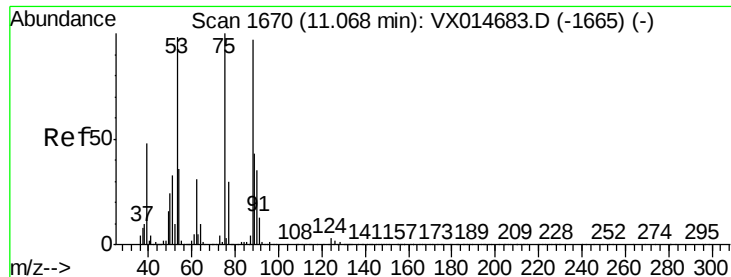
Tot Ion: 91 Resp: 264363
Ion Ratio Lower Upper
91 100
126 35.4 17.3 51.9



#80
1,3,5-Trimethylbenzene
Concen: 20.173 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX014829.D
Acq: 05 Feb 2020 17:50

Tgt Ion: 105 Resp: 333202
Ion Ratio Lower Upper
105 100
120 50.0 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 17.507 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX014829.D

Acq: 05 Feb 2020 17:50

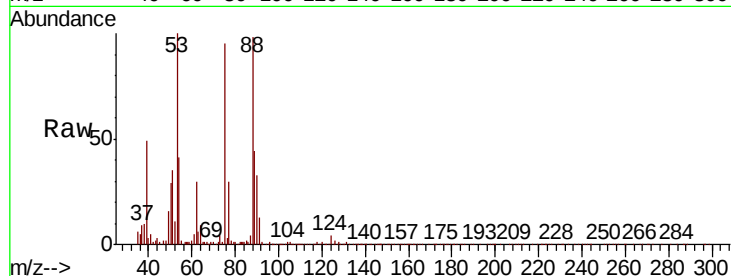
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 75 Resp: 40509

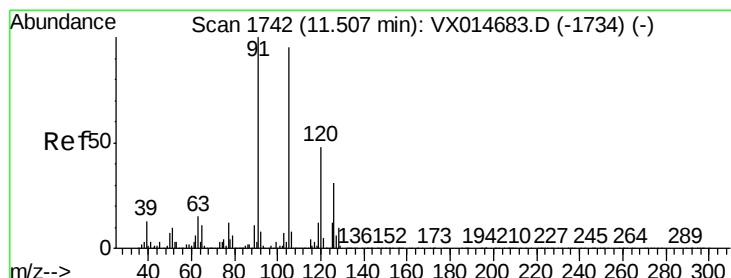
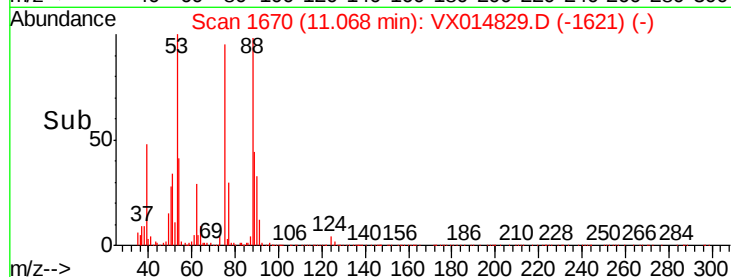
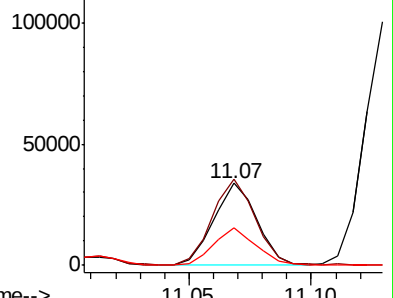
Ion	Ratio	Lower	Upper
75	100		
53	106.4	78.8	118.2
89	46.3	35.4	53.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 19.898 ug/l

RT: 11.51 min Scan# 1742

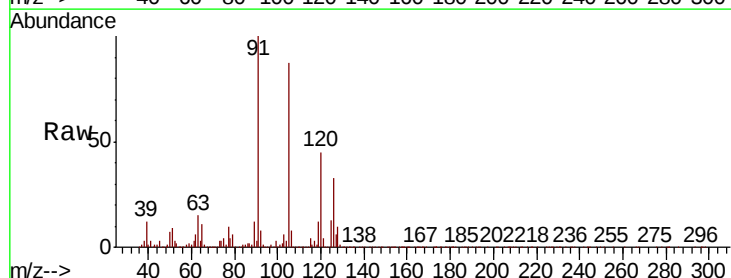
Delta R.T. 0.00 min

Lab File: VX014829.D

Acq: 05 Feb 2020 17:50

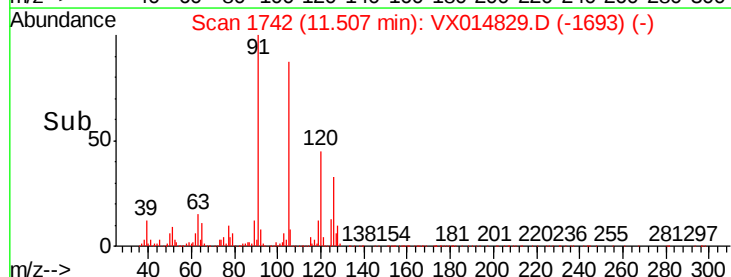
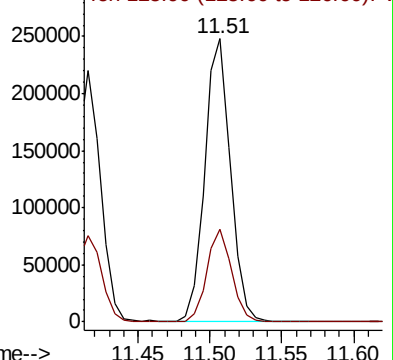
Tgt Ion: 91 Resp: 309618

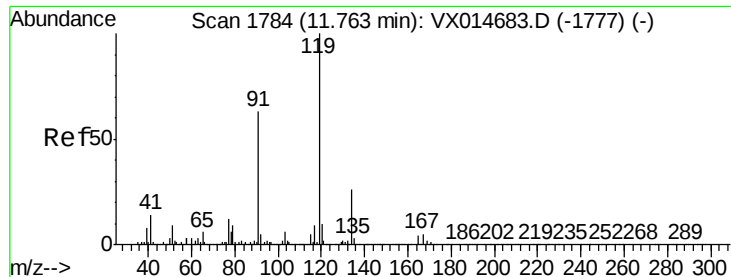
Ion	Ratio	Lower	Upper
91	100		
126	31.4	15.4	46.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 20.014 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VX014829.D

Acq: 05 Feb 2020 17:50

Instrument :

MSVOA_X

ClientSampleId :

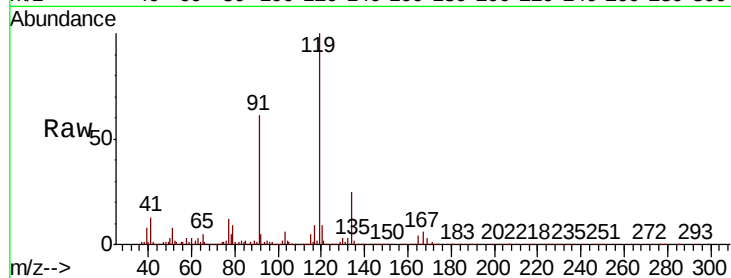
Tot Ion:119 Resp: 310638

Ion Ratio Lower Upper

119 100

91 58.7 30.0 90.0

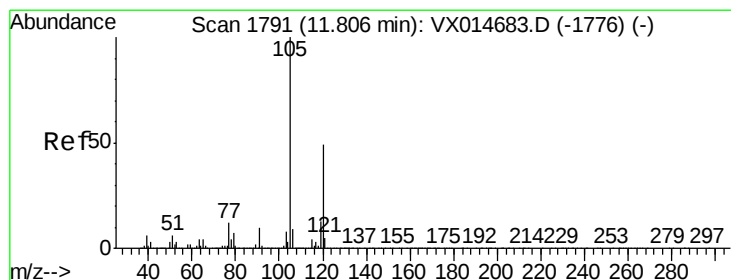
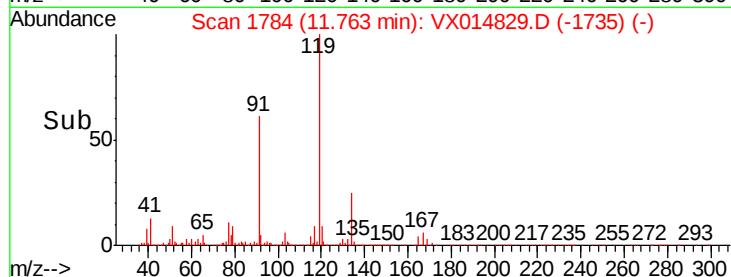
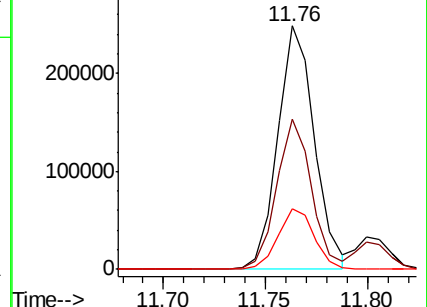
134 24.8 12.7 38.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 20.073 ug/l

RT: 11.80 min Scan# 1790

Delta R.T. -0.01 min

Lab File: VX014829.D

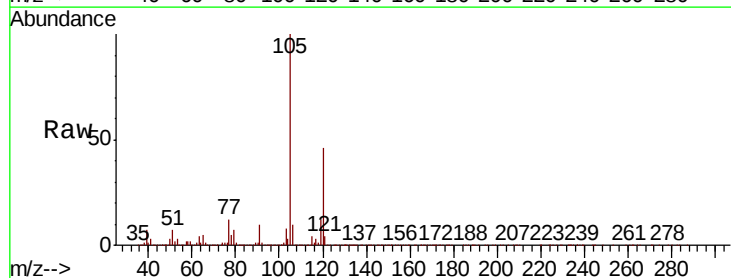
Acq: 05 Feb 2020 17:50

Tgt Ion:105 Resp: 332551

Ion Ratio Lower Upper

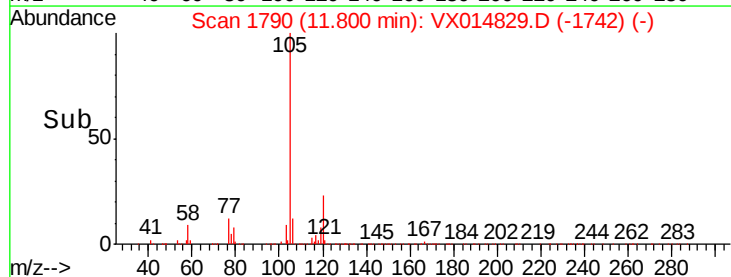
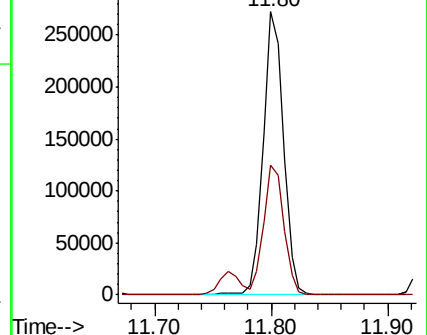
105 100

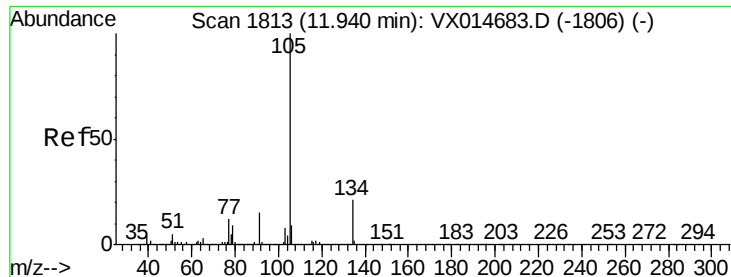
120 46.0 23.4 70.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 20.187 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014829.D

Acq: 05 Feb 2020 17:50

Instrument :

MSVOA_X

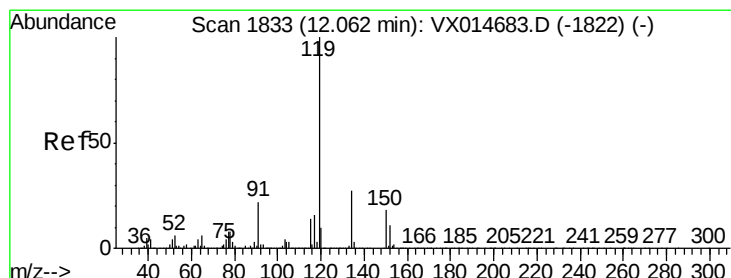
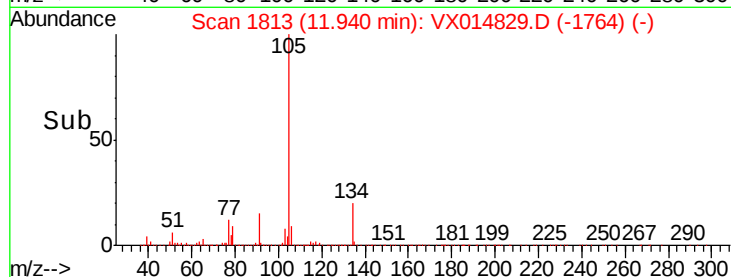
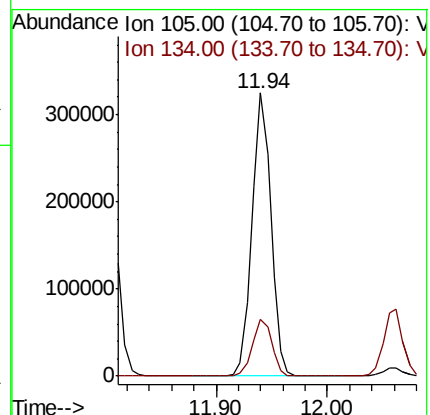
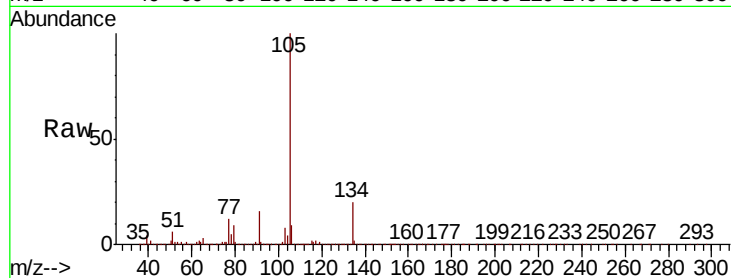
ClientSampleId :

Tot Ion:105 Resp: 383829

Ion Ratio Lower Upper

105 100

134 20.7 10.3 30.8



#86

p-Isopropyltoluene

Concen: 20.049 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX014829.D

Acq: 05 Feb 2020 17:50

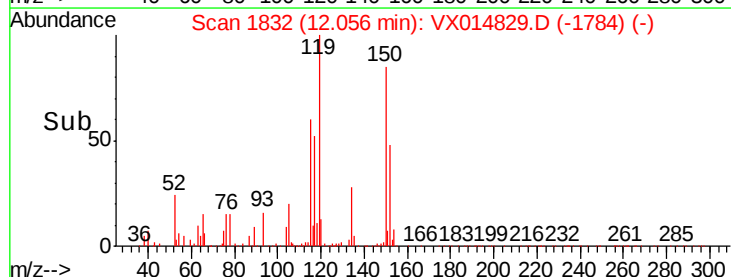
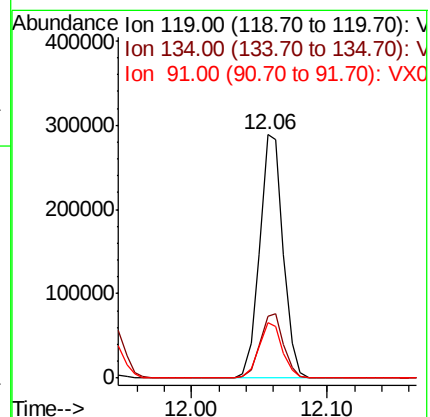
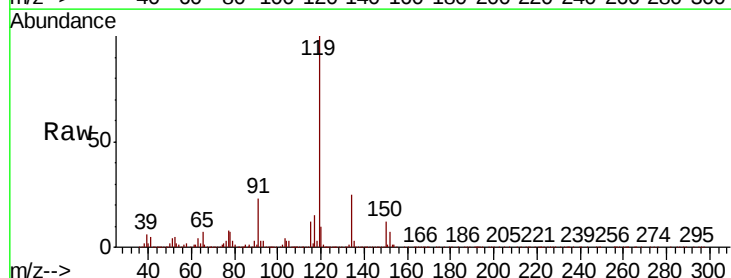
Tgt Ion:119 Resp: 352293

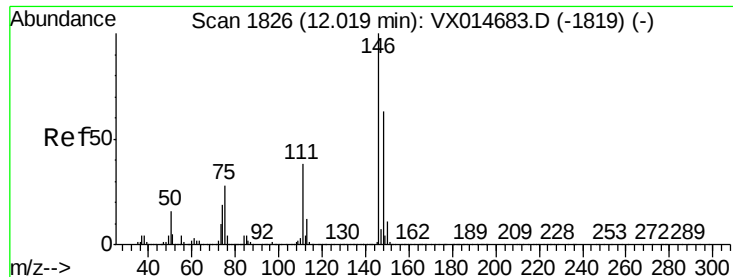
Ion Ratio Lower Upper

119 100

134 26.6 13.5 40.4

91 22.7 11.3 33.8

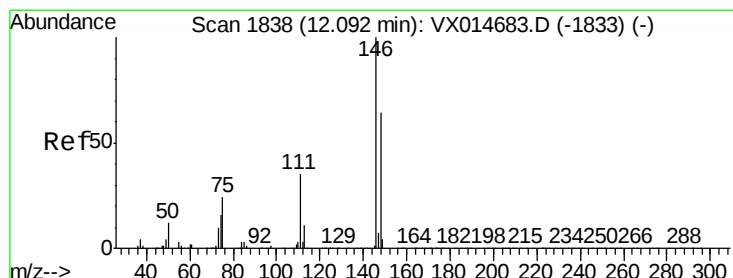
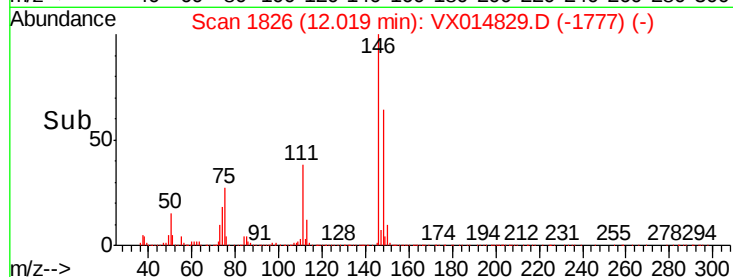
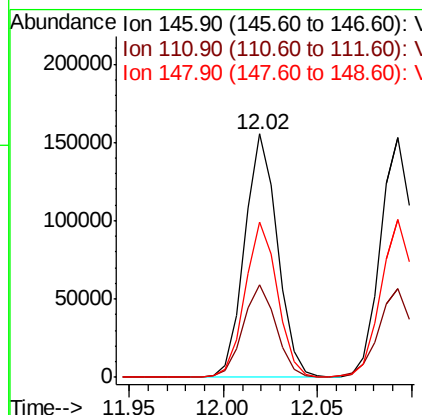
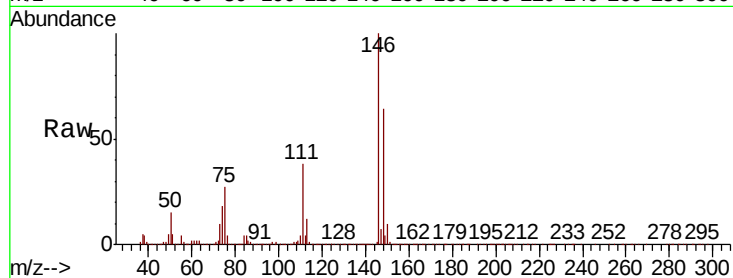




#87
 1,3-Dichlorobenzene
 Concen: 19.473 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX014829.D
 Acq: 05 Feb 2020 17:50

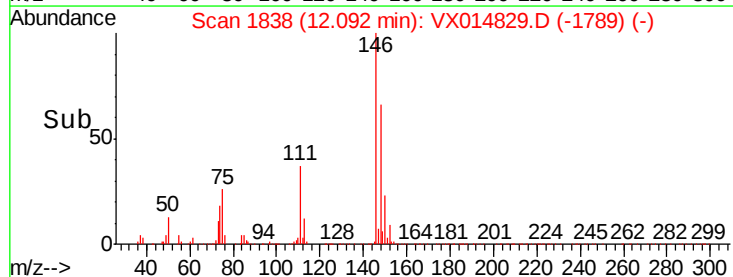
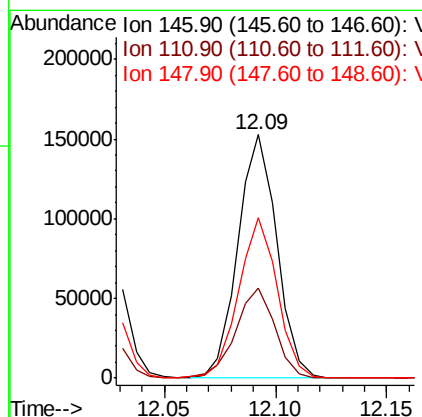
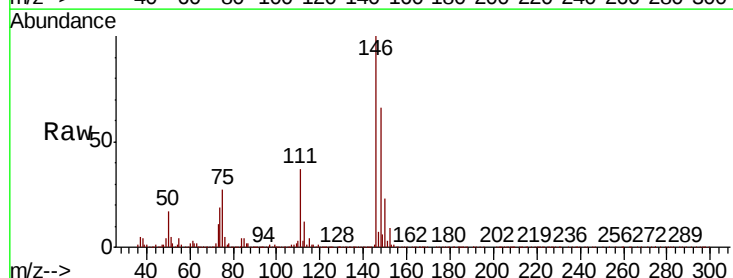
Instrument :
 MSVOA_X
 ClientSampleId :

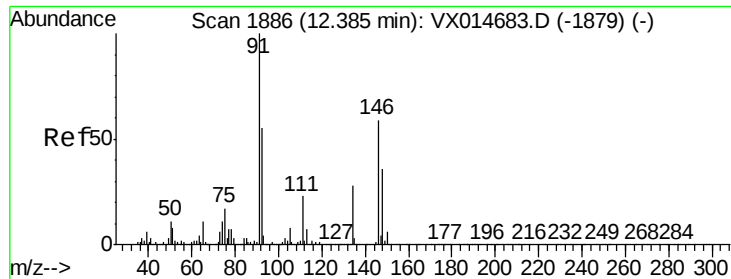
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.2	19.0	57.0
148	63.0	31.6	95.0



#88
 1,4-Dichlorobenzene
 Concen: 19.250 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX014829.D
 Acq: 05 Feb 2020 17:50

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.8	18.6	55.8
148	65.6	32.0	96.2





#89

n-Butylbenzene

Concen: 19.056 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014829.D

Acq: 05 Feb 2020 17:50

Instrument :

MSVOA_X

ClientSampleId :

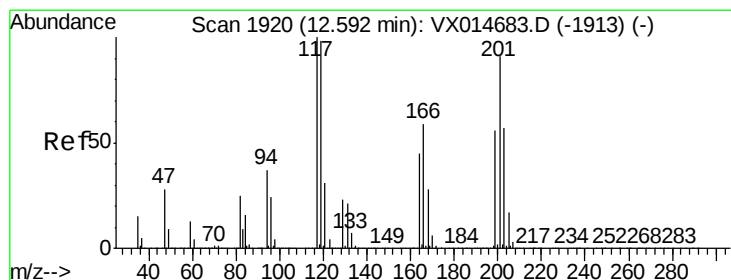
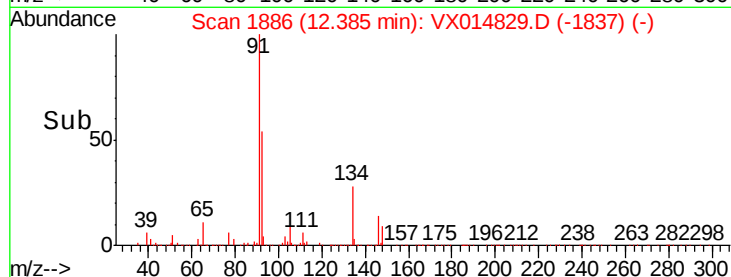
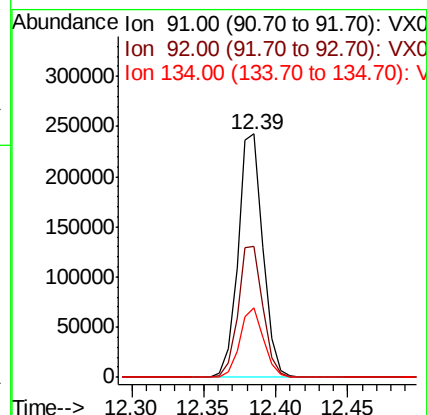
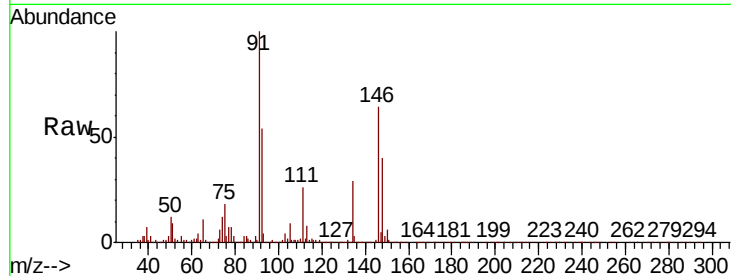
Tot Ion: 91 Resp: 291633

Ion Ratio Lower Upper

91 100

92 54.3 27.6 82.7

134 27.5 13.3 39.8



#90

Hexachloroethane

Concen: 18.484 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VX014829.D

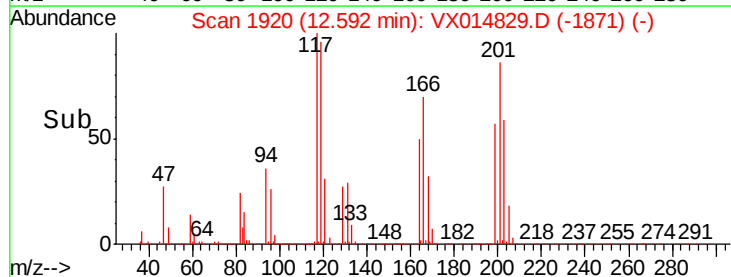
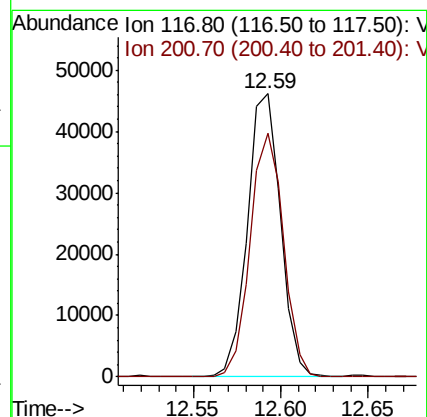
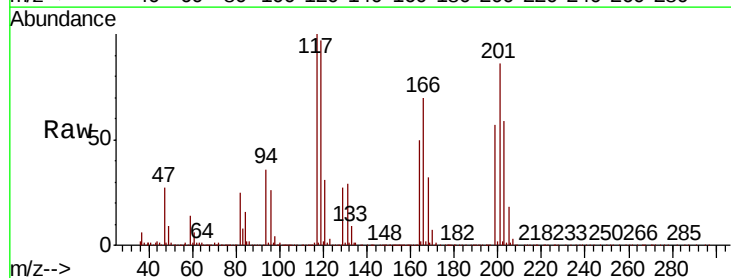
Acq: 05 Feb 2020 17:50

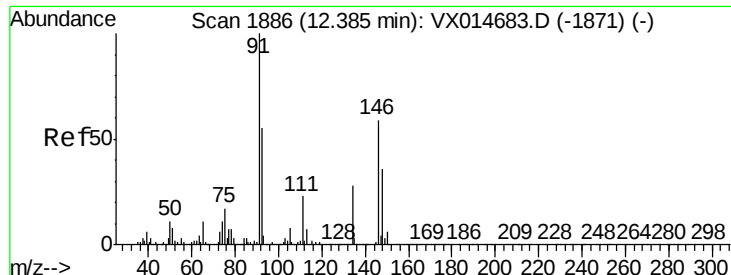
Tgt Ion: 117 Resp: 60329

Ion Ratio Lower Upper

117 100

201 87.1 44.4 133.1





#91

1,2-Dichlorobenzene

Concen: 19.588 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014829.D

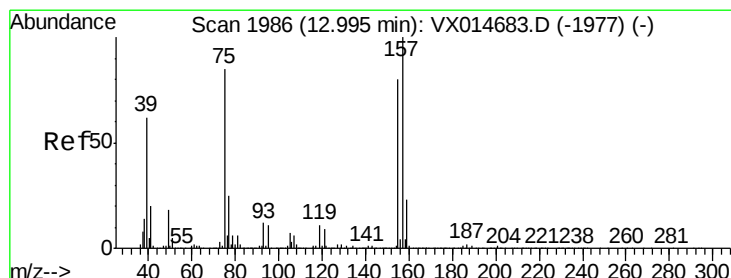
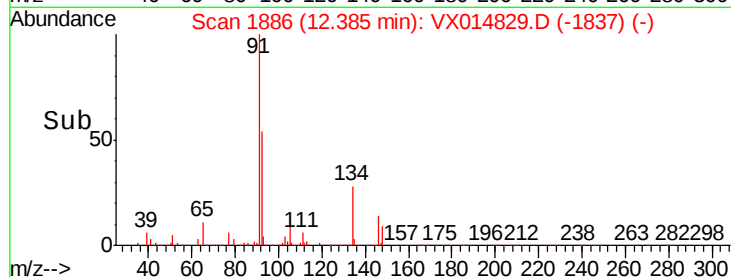
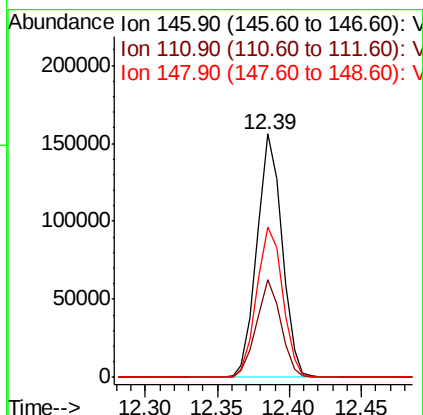
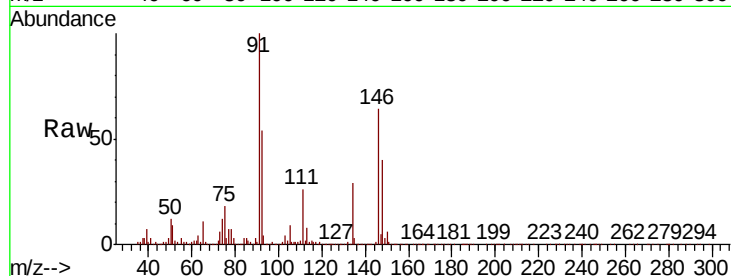
Acq: 05 Feb 2020 17:50

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion:	146	Resp:	186925
Ion	Ratio	Lower	Upper
146	100		
111	39.1	19.6	58.8
148	64.2	31.9	95.9



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.422 ug/l

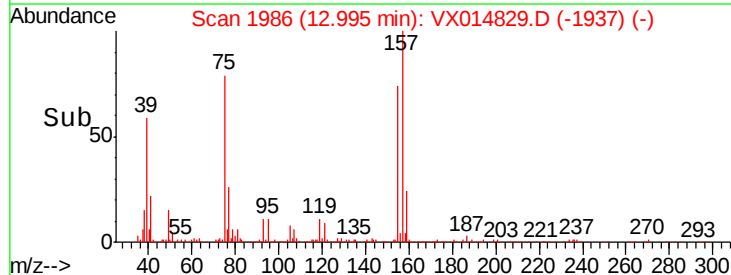
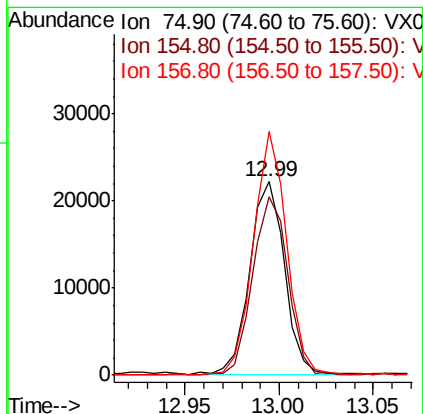
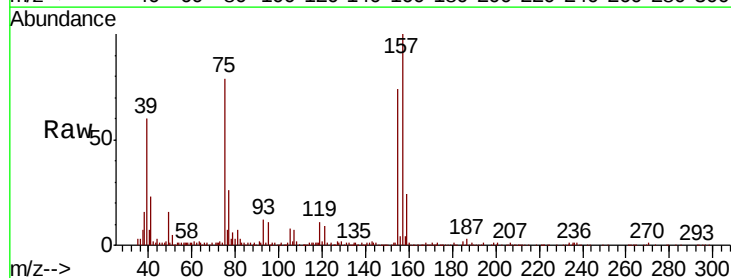
RT: 12.99 min Scan# 1986

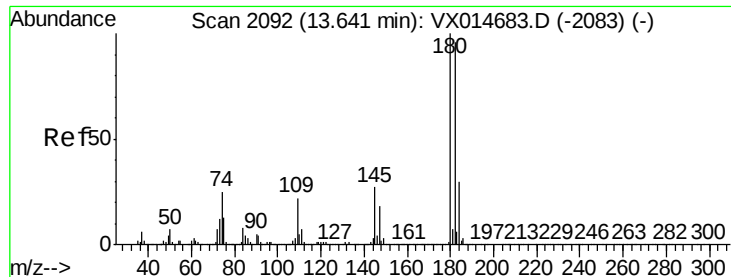
Delta R.T. 0.00 min

Lab File: VX014829.D

Acq: 05 Feb 2020 17:50

Tgt Ion:	75	Resp:	28124
Ion	Ratio	Lower	Upper
75	100		
155	94.5	45.6	136.9
157	121.6	60.3	180.9

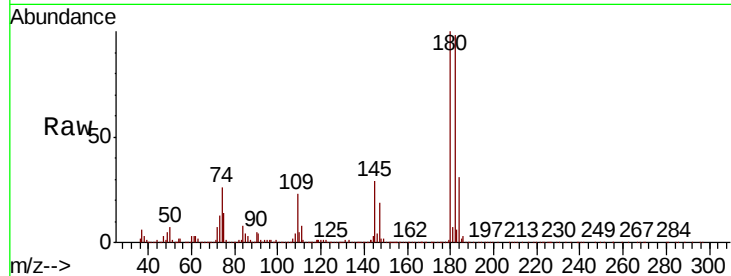




#93
 1,2,4-Trichlorobenzene
 Concen: 19.768 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014829.D
 Acq: 05 Feb 2020 17:50

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
180	100		
182	98.8	48.5	145.6
145	28.9	14.0	41.9

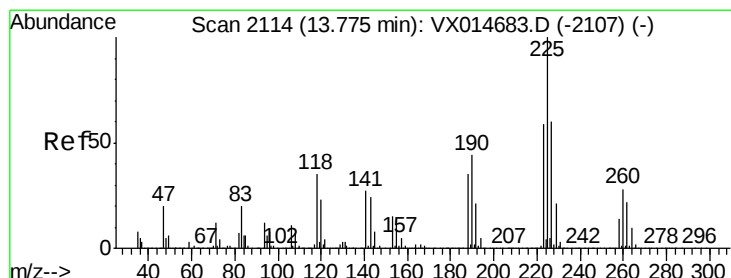
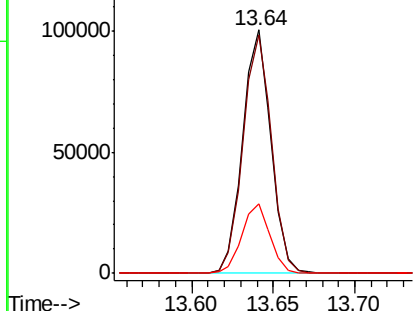
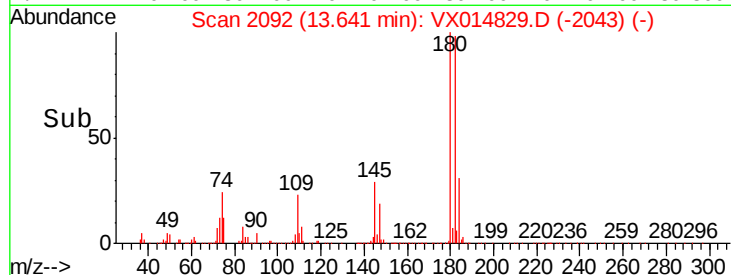


Abundance

Ion 179.80 (179.50 to 180.50): V

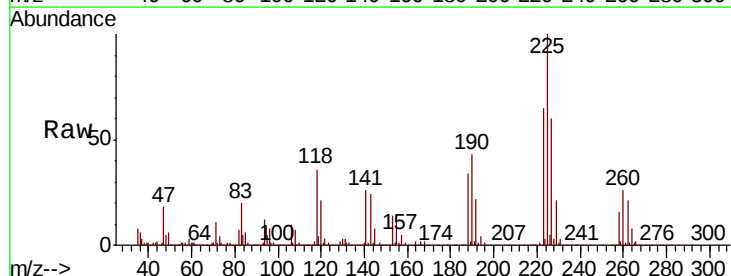
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 19.355 ug/l
 RT: 13.77 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014829.D
 Acq: 05 Feb 2020 17:50

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.0	30.6	91.8
227	60.8	31.4	94.0

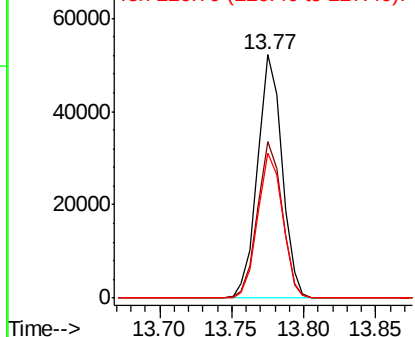
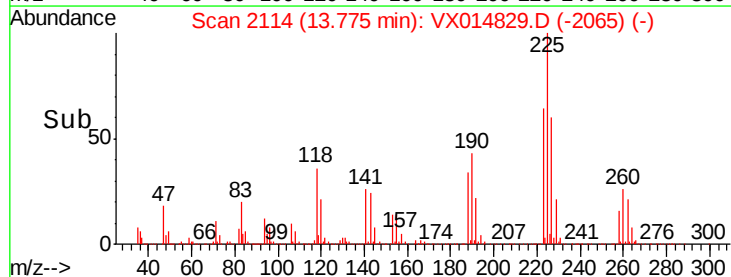


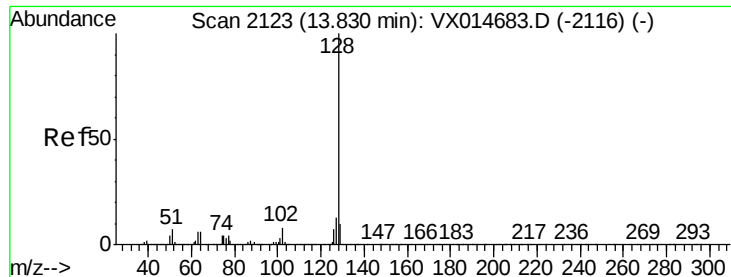
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

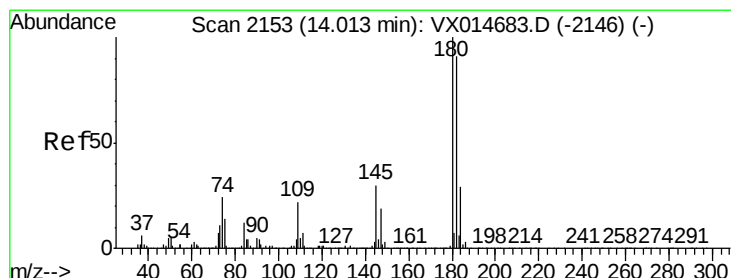
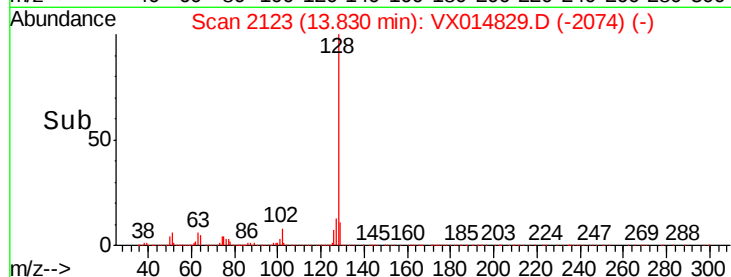
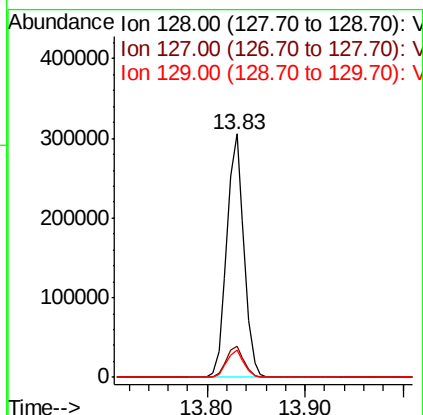
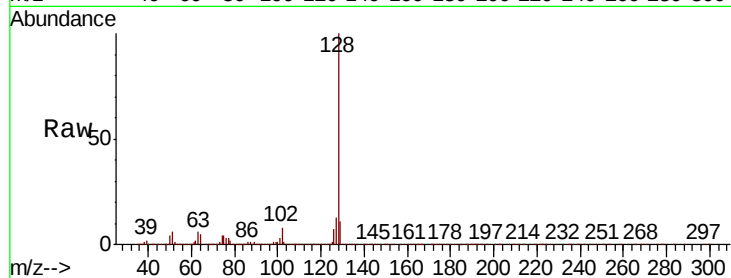




#95
Naphthalene
Concen: 19.307 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014829.D
Acq: 05 Feb 2020 17:50

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.3	15.5
129	11.1	8.6	12.8



#96
1,2,3-Trichlorobenzene
Concen: 20.675 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014829.D
Acq: 05 Feb 2020 17:50

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.0	46.6	139.7
145	29.6	14.7	44.1

