

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX032620\
 Data File : VX015363.D
 Acq On : 26 Mar 2020 18:01
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 27 07:52:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X032520W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 26 02:31:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.99	128	197413	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.84	114	1106519	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	1004650	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.04	65	480232	31.13	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	103.77%
60) 4-Bromofluorobenzene	11.12	95	526065	30.60	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	102.00%
63) Toluene-d8	8.70	98	1304429	30.56	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.87%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.19	85	169895	18.021 ug/l	95
3) Chloromethane	1.31	50	213005	18.307 ug/l	98
4) Vinyl Chloride	1.39	62	208079	18.590 ug/l	98
5) Bromomethane	1.63	94	152812	25.646 ug/l	97
6) Chloroethane	1.72	64	130013	18.618 ug/l	96
7) Trichlorofluoromethane	1.92	101	297905	18.624 ug/l	98
8) Diethyl Ether	2.17	74	115289	18.733 ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	201705	19.060 ug/l	98
10) 1,1-Dichloroethene	2.36	96	203707	18.951 ug/l	96
11) Methyl Iodide	2.50	142	198893	13.923 ug/l	99
12) Methyl Acetate	2.75	43	323348	20.557 ug/l	97
13) Acrolein	2.27	56	184771	90.300 ug/l	92
14) Acrylonitrile	3.12	53	684401	101.635 ug/l	99
15) Acetone	2.42	58	174173	101.719 ug/l	89
16) Carbon Disulfide	2.55	76	592260	18.848 ug/l	98
17) Allyl chloride	2.71	41	470828	19.400 ug/l	98
18) Methylene Chloride	2.84	84	233804	19.373 ug/l	100
19) trans-1,2-Dichloroethene	3.14	96	226571	19.485 ug/l	98
20) Diisopropyl ether	3.83	45	865780	19.891 ug/l	99
21) 1,1-Dichloroethane	3.67	63	434586	19.559 ug/l	99
22) cis-1,2-Dichloroethene	4.57	96	253432	18.919 ug/l	99
23) tert-Butyl Alcohol	3.01	59	338092	102.073 ug/l	# 100
24) Methyl tert-Butyl Ether	3.17	73	781988	19.594 ug/l	99
25) Chloroform	5.18	83	420250	19.135 ug/l	94
26) Cyclohexane	5.55	56	401245	18.901 ug/l	# 99
29) 1,1-Dichloropropene	5.78	75	325215	19.563 ug/l	99
30) 2-Butanone	4.64	43	1028285	103.182 ug/l	98
31) 2,2-Dichloropropane	4.56	77	384281	19.209 ug/l	99
32) 1,1,1-Trichloroethane	5.47	97	391273	19.291 ug/l	99
33) Carbon Tetrachloride	5.76	117	349715	18.920 ug/l	98
34) Benzene	6.12	78	938107	19.579 ug/l	99
35) Methacrylonitrile	5.01	41	232796	20.599 ug/l	98
36) 1,2-Dichloroethane	6.17	62	373450	20.171 ug/l	100
37) Trichloroethene	7.19	130	260386	19.301 ug/l	100
38) Methylcyclohexane	7.44	83	389581	19.116 ug/l	99
39) 1,2-Dichloropropane	7.50	63	252108	19.590 ug/l	95
40) Dibromomethane	7.64	93	164059	19.152 ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

41) Bromodichloromethane	7.88	83	356220	19.135	ug/l	99
42) Vinyl Acetate	3.79	43	3940963	104.368	ug/l	100
43) Ethyl Acetate	4.80	43	398562	18.386	ug/l #	81
44) Isopropyl Acetate	6.42	43	703506	20.165	ug/l	98
45) 1,4-Dioxane	7.72	88	121553	378.214	ug/l	99
46) Methyl methacrylate	7.75	41	344658	19.797	ug/l	99
47) n-amyl Acetate	10.88	43	580964	19.313	ug/l	98
48) t-1,3-Dichloropropene	9.03	75	411207	19.134	ug/l	98
49) cis-1,3-Dichloropropene	8.42	75	427492	19.271	ug/l	99
50) 1,1,2-Trichloroethane	9.20	97	234746	19.096	ug/l	96
51) Ethyl methacrylate	9.16	69	413634	19.564	ug/l	99
52) 1,3-Dichloropropane	9.36	76	407121	19.174	ug/l	98
53) Dibromochloromethane	9.56	129	277823	18.333	ug/l	98
54) 1,2-Dibromoethane	9.65	107	255671	19.383	ug/l	99
55) 2-Chloroethyl vinyl ether	8.29	63	966771	96.816	ug/l	99
56) Bromoform	10.84	173	230435	18.494	ug/l	99
58) 4-Methyl-2-Pentanone	8.62	43	2041046	106.151	ug/l	99
59) 2-Hexanone	9.48	43	1529160	104.538	ug/l	100
61) Tetrachloroethene	9.32	164	247323	19.152	ug/l	97
62) Toluene	8.77	91	998700	19.626	ug/l	99
64) Chlorobenzene	10.12	112	632267	19.325	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.21	131	252831	18.911	ug/l	98
66) Ethyl Benzene	10.24	91	1150779	19.796	ug/l	98
67) m/p-Xylenes	10.34	106	856878	38.944	ug/l	99
68) o-Xylene	10.68	106	414894	19.292	ug/l	100
69) Styrene	10.70	104	718303	19.170	ug/l	99
70) Isopropylbenzene	11.00	105	1114132	19.542	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.25	83	364948	19.750	ug/l	98
72) 1,2,3-Trichloropropane	11.28	75	452546	26.173	ug/l	84
73) Bromobenzene	11.24	156	289442	18.912	ug/l	99
74) n-propylbenzene	11.34	91	1278373	19.549	ug/l	100
75) 2-Chlorotoluene	11.40	91	775083	19.488	ug/l	99
76) 1,3,5-Trimethylbenzene	11.49	105	951704	19.438	ug/l	99
77) t-1,4-Dichloro-2-butene	11.06	75	140756	18.891	ug/l	98
78) 4-Chlorotoluene	11.49	91	896241	19.478	ug/l	99
79) tert-butylbenzene	11.76	119	914024	18.679	ug/l	99
80) 1,2,4-Trimethylbenzene	11.79	105	954172	19.238	ug/l	99
81) sec-Butylbenzene	11.93	105	1080235	19.244	ug/l	99
82) p-Isopropyltoluene	12.05	119	1020483	19.289	ug/l	99
83) 1,3-Dichlorobenzene	12.01	146	499972	18.168	ug/l	98
84) 1,4-Dichlorobenzene	12.09	146	514519	18.735	ug/l	99
85) n-Butylbenzene	12.37	91	903908	19.168	ug/l	99
86) Hexachloroethane	12.58	117	191630	18.741	ug/l	96
87) 1,2-Dichlorobenzene	12.38	146	506059	18.849	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.98	75	94088	19.331	ug/l	99
89) 1,2,4-Trichlorobenzene	13.63	180	382295	17.676	ug/l	98
90) Hexachlorobutadiene	13.77	225	189622	16.643	ug/l	100
91) Naphthalene	13.82	128	1234603	19.713	ug/l	99
92) 1,2,3-Trichlorobenzene	14.01	180	383278	17.839	ug/l	99

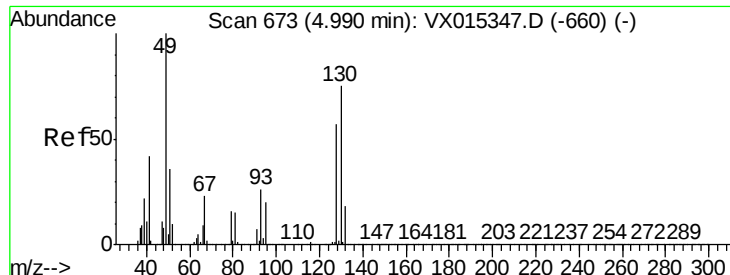
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.99 min Scan# 673

Delta R.T. -0.00 min

Lab File: VX015363.D

Acq: 26 Mar 2020 18:01

Instrument :
MSVOA_X
ClientSampleId :

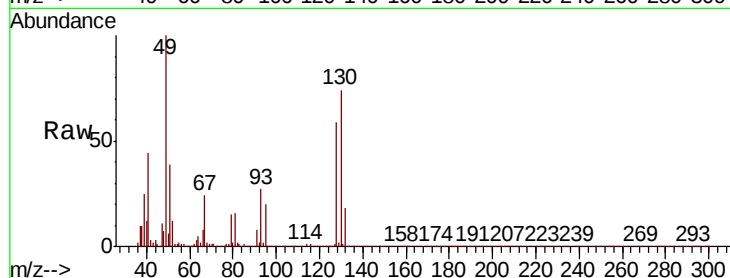
Tot Ion:128 Resp: 197413

Ion Ratio Lower Upper

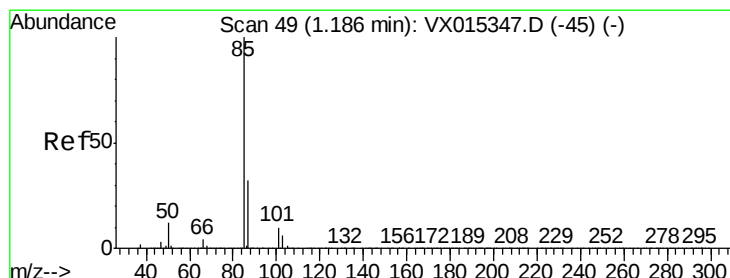
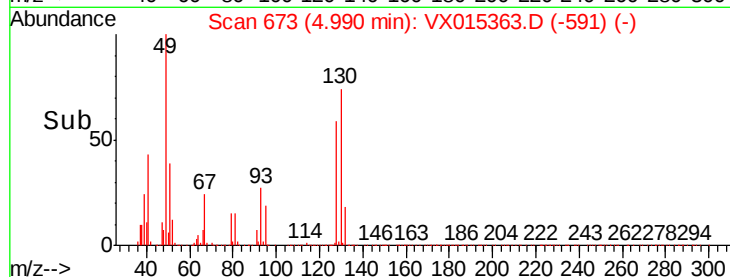
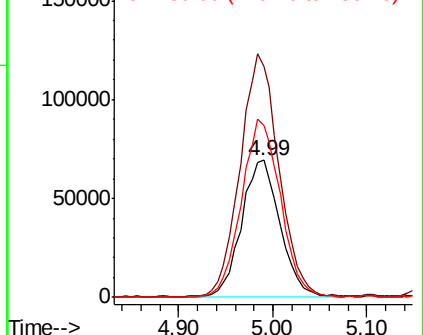
128 100

49 177.7 0.0 428.0

130 131.8 0.0 324.5



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 49.00 (48.70 to 49.70): VX0
Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 18.021 ug/l

RT: 1.19 min Scan# 49

Delta R.T. -0.00 min

Lab File: VX015363.D

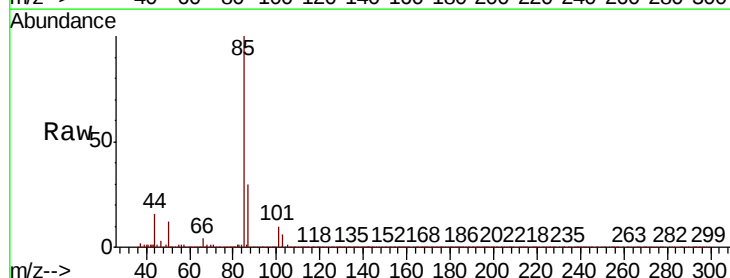
Acq: 26 Mar 2020 18:01

Tgt Ion: 85 Resp: 169895

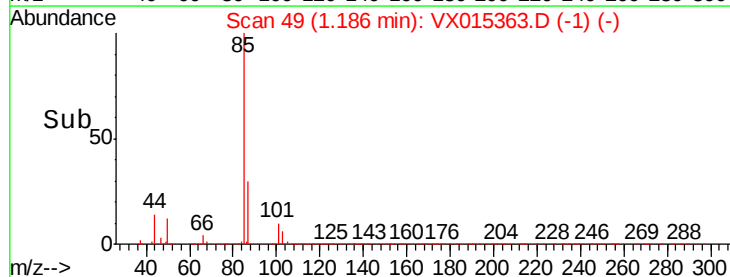
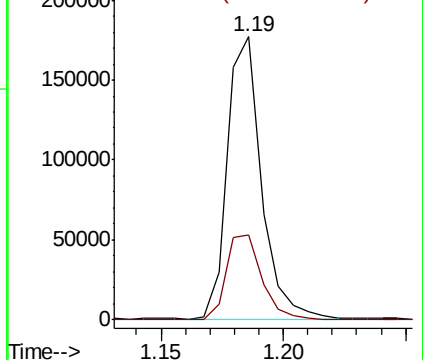
Ion Ratio Lower Upper

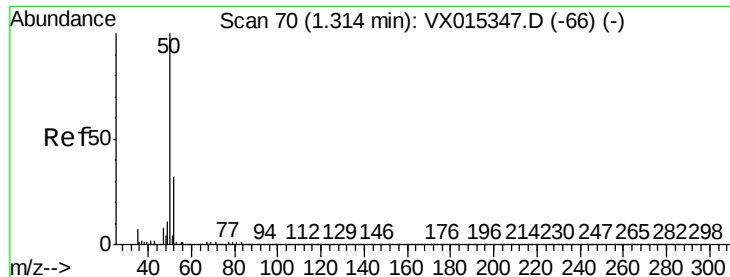
85 100

87 30.1 16.3 48.9



Abundance Ion 85.00 (84.70 to 85.70): VX0
Ion 87.00 (86.70 to 87.70): VX0

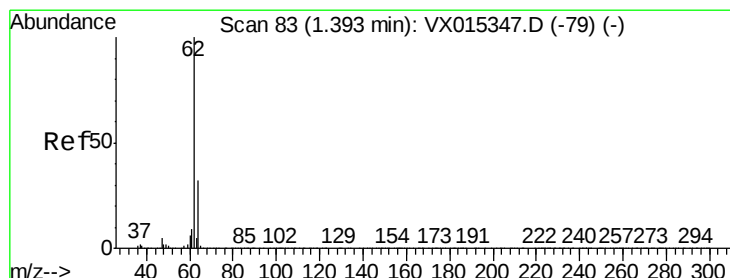
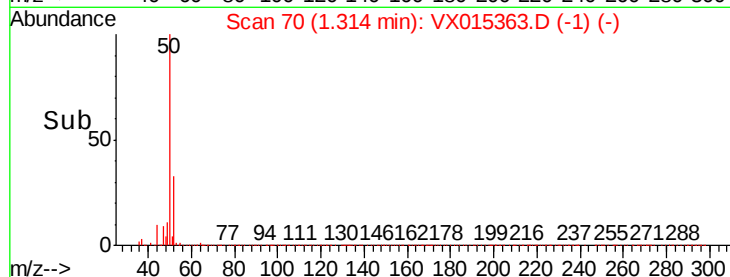
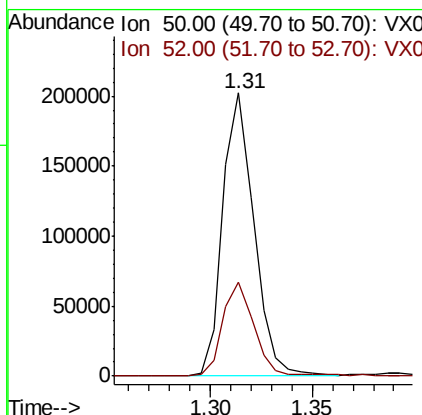
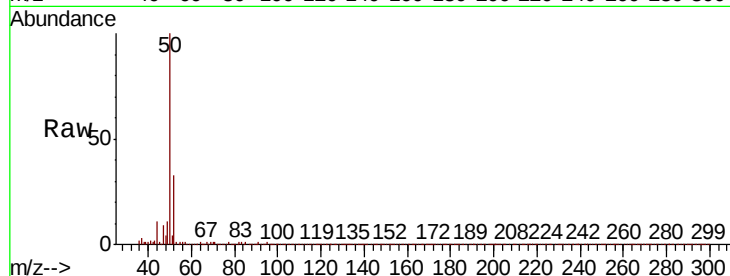




#3
Chloromethane
Concen: 18.307 ug/l
RT: 1.31 min Scan# 70
Delta R.T. -0.00 min
Lab File: VX015363.D
Acq: 26 Mar 2020 18:01

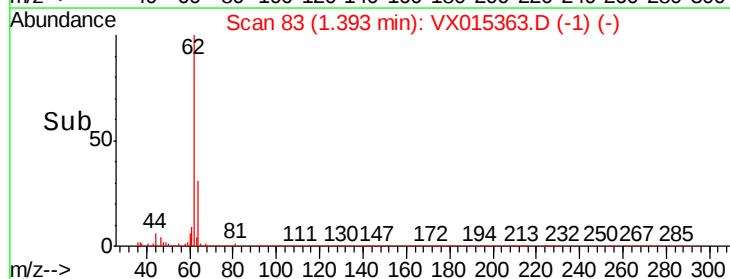
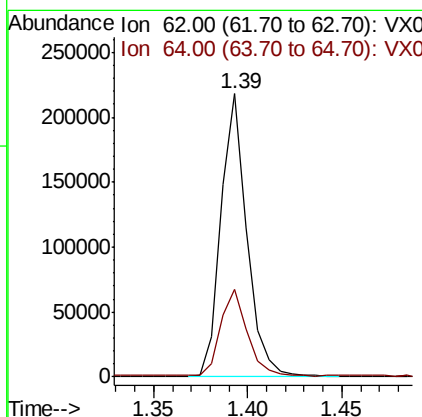
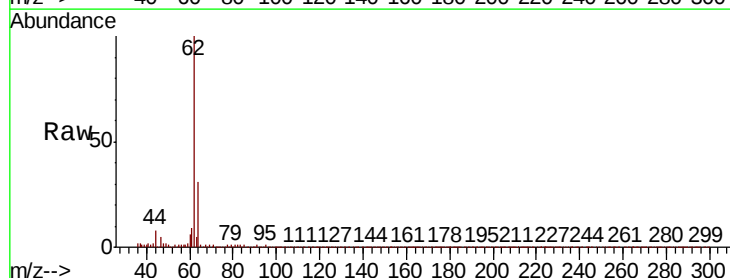
Instrument :
MSVOA_X
ClientSampleId :

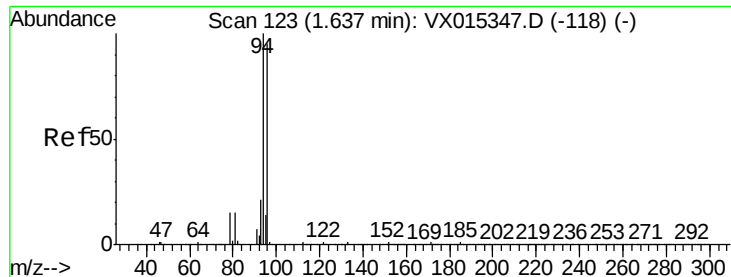
Tot Ion: 50 Resp: 213005
Ion Ratio Lower Upper
50 100
52 33.0 25.5 38.3



#4
Vinyl Chloride
Concen: 18.590 ug/l
RT: 1.39 min Scan# 83
Delta R.T. -0.00 min
Lab File: VX015363.D
Acq: 26 Mar 2020 18:01

Tgt Ion: 62 Resp: 208079
Ion Ratio Lower Upper
62 100
64 30.8 25.4 38.0





#5

Bromomethane

Concen: 25.646 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.01 min

Lab File: VX015363.D

Acq: 26 Mar 2020 18:01

Instrument :

MSVOA_X

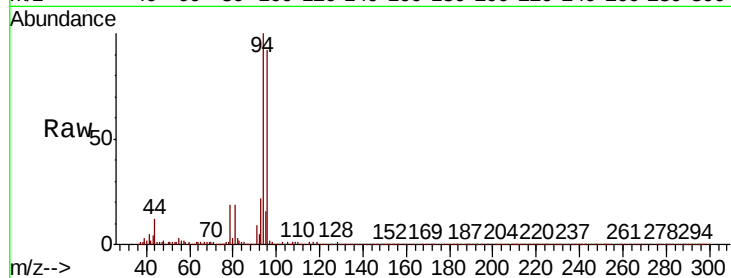
ClientSampleId :

Tot Ion: 94 Resp: 152812

Ion Ratio Lower Upper

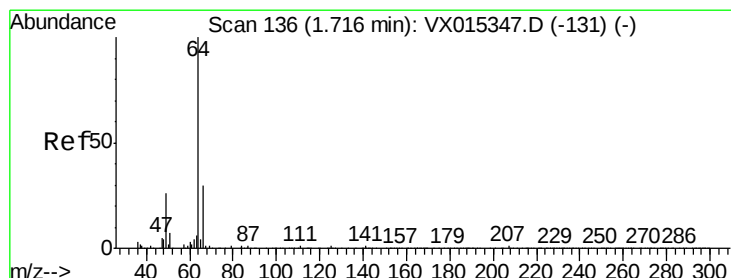
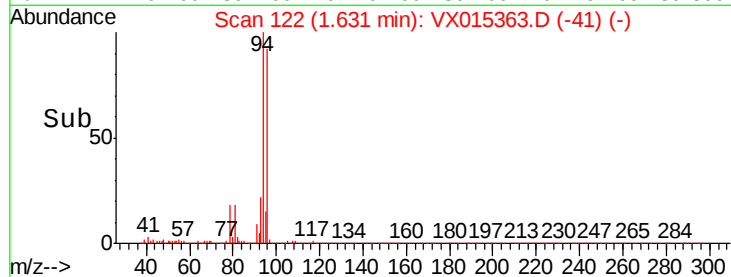
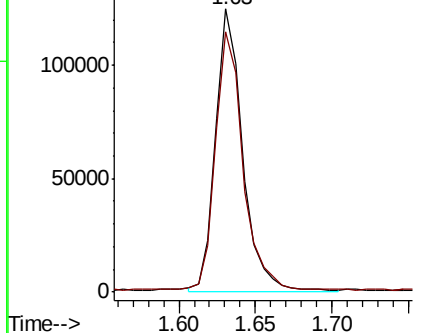
94 100

96 91.8 76.1 114.1



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0



#6

Chloroethane

Concen: 18.618 ug/l

RT: 1.72 min Scan# 136

Delta R.T. -0.00 min

Lab File: VX015363.D

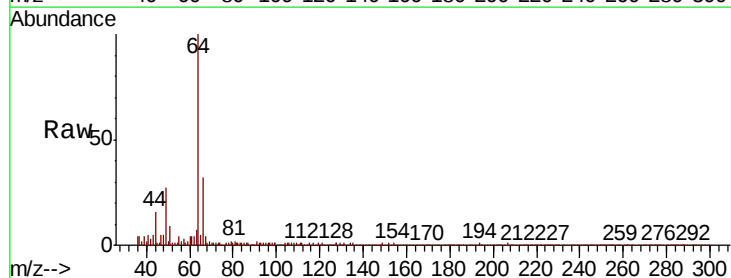
Acq: 26 Mar 2020 18:01

Tgt Ion: 64 Resp: 130013

Ion Ratio Lower Upper

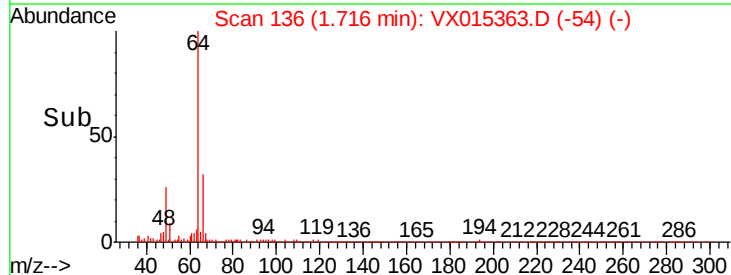
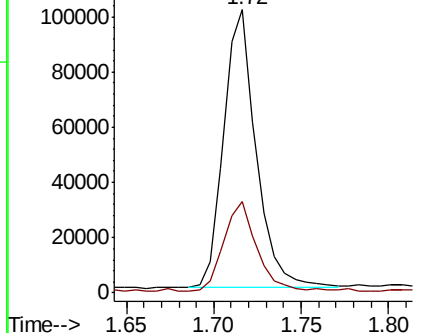
64 100

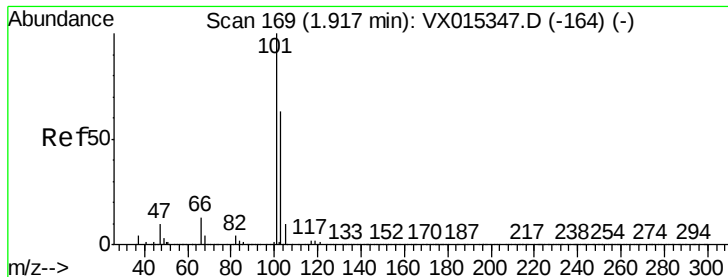
66 32.4 24.3 36.5



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0



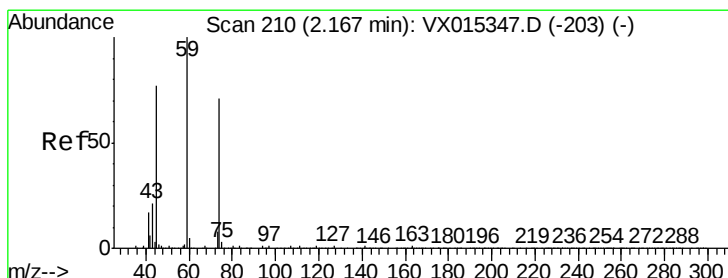
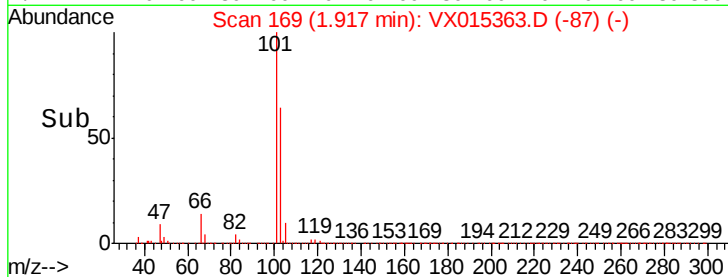
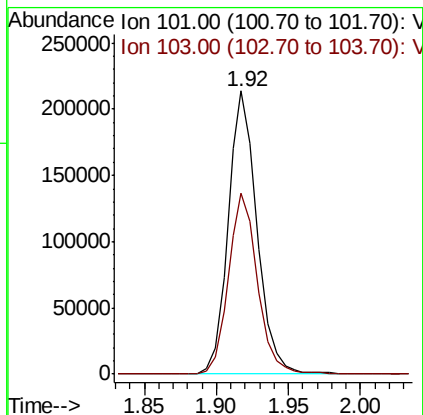
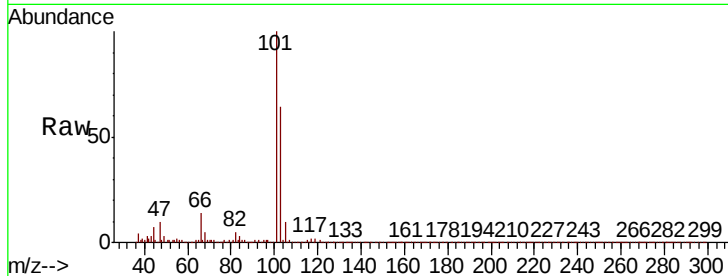


#7

Trichlorofluoromethane
Concen: 18.624 ug/l
RT: 1.92 min Scan# 169
Delta R.T. -0.00 min
Lab File: VX015363.D
Acq: 26 Mar 2020 18:01

Instrument :
MSVOA_X
ClientSampleId :

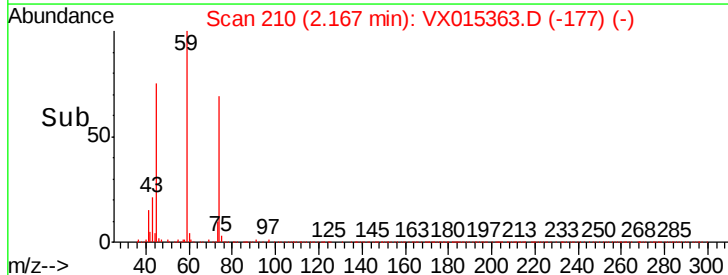
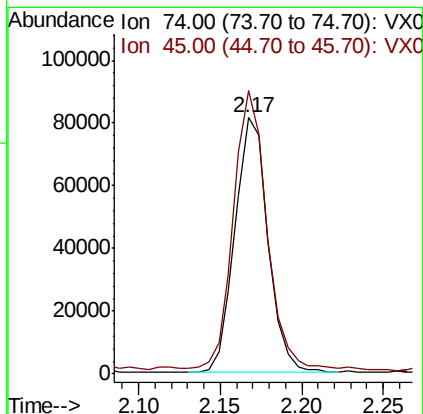
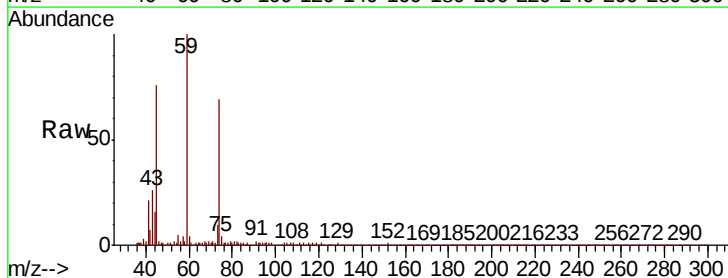
Tot Ion	Ratio	Lower	Upper
101	100		
103	64.0	49.9	74.9

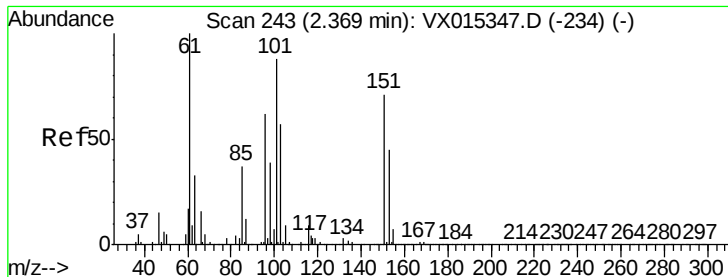


#8

Diethyl Ether
Concen: 18.733 ug/l
RT: 2.17 min Scan# 210
Delta R.T. -0.00 min
Lab File: VX015363.D
Acq: 26 Mar 2020 18:01

Tgt Ion	Ratio	Lower	Upper
74	100		
45	112.1	21.8	196.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.060 ug/l

RT: 2.37 min Scan# 243

Delta R.T. -0.00 min

Lab File: VX015363.D

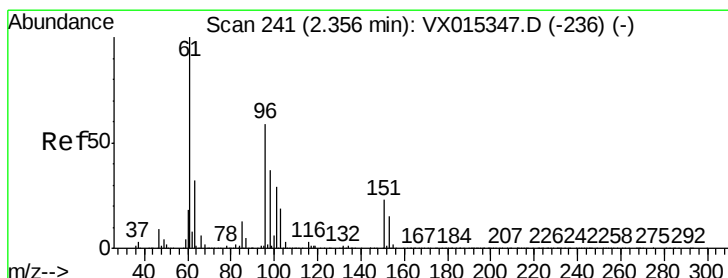
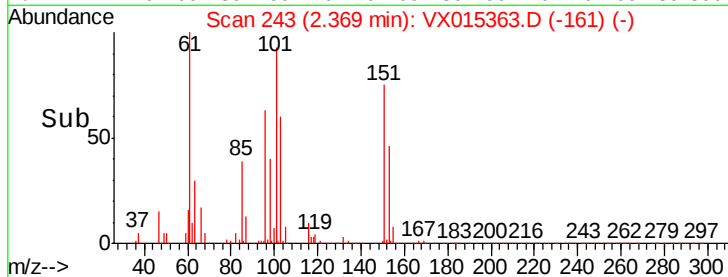
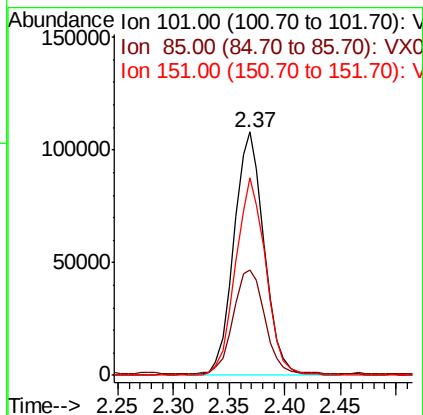
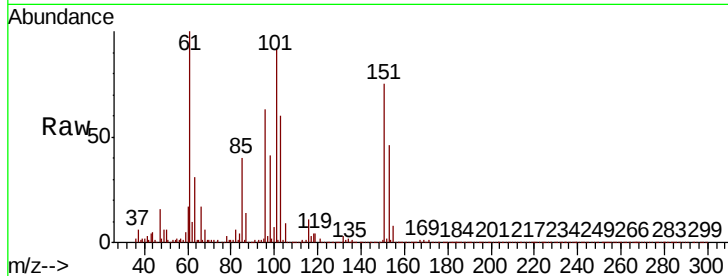
Acq: 26 Mar 2020 18:01

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion:	101	Resp:	201705
Ion	Ratio	Lower	Upper
101	100		
85	44.8	0.0	85.8
151	80.9	0.0	164.6



#10

1,1-Dichloroethene

Concen: 18.951 ug/l

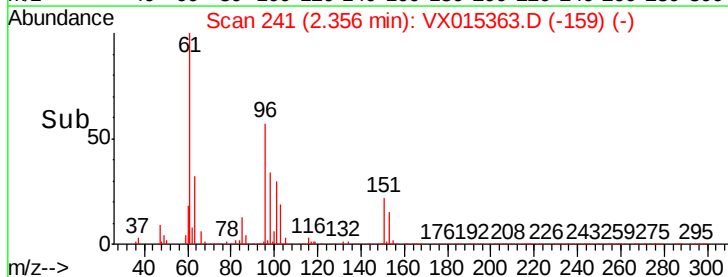
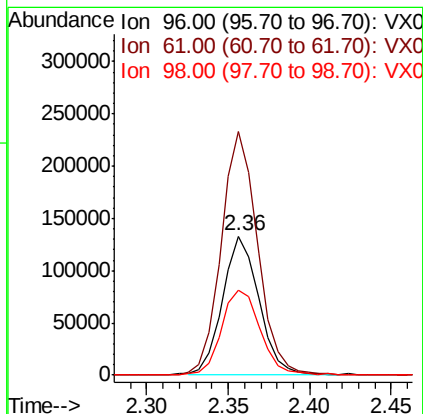
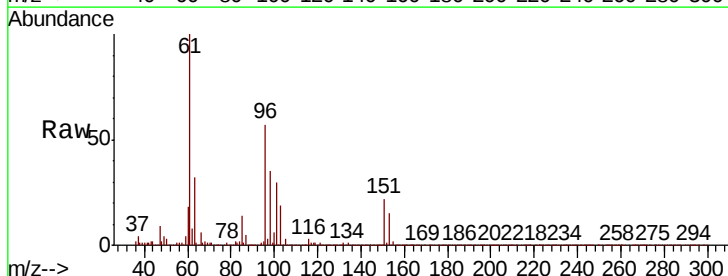
RT: 2.36 min Scan# 241

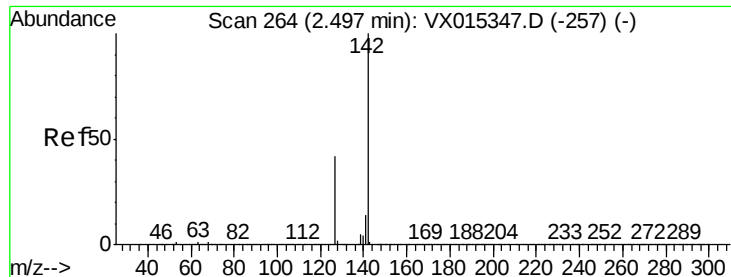
Delta R.T. -0.00 min

Lab File: VX015363.D

Acq: 26 Mar 2020 18:01

Tgt Ion:	96	Resp:	203707
Ion	Ratio	Lower	Upper
96	100		
61	175.3	135.5	203.3
98	60.5	50.2	75.2

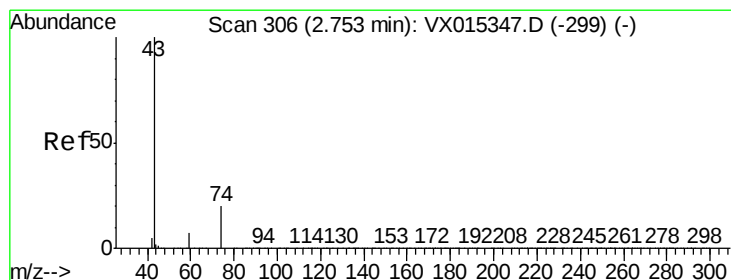
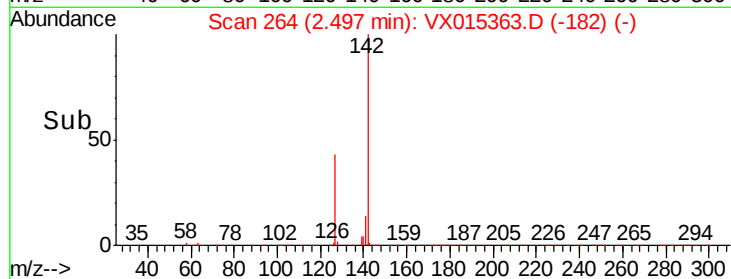
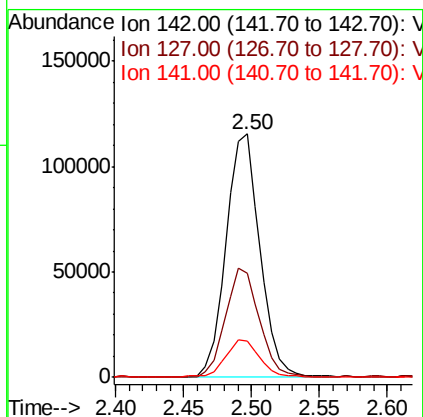
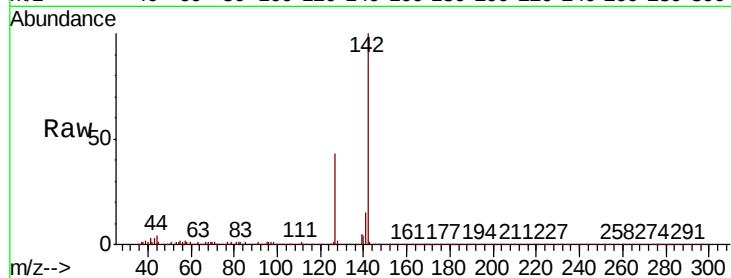




#11
Methvl Iodide
Concen: 13.923 ug/l
RT: 2.50 min Scan# 264
Delta R.T. -0.00 min
Lab File: VX015363.D
Acq: 26 Mar 2020 18:01

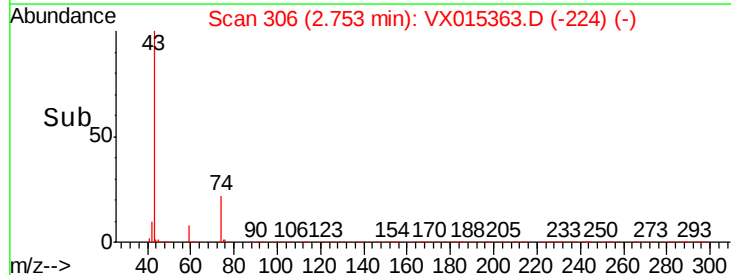
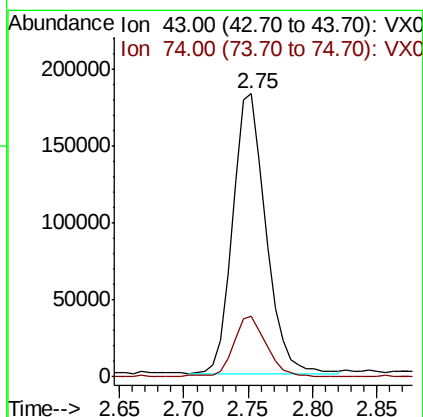
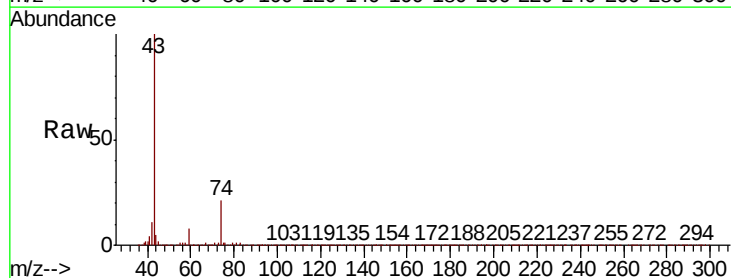
Instrument :
MSVOA_X
ClientSampleId :

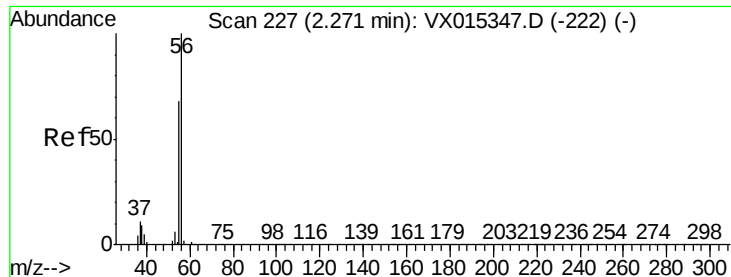
Tot Ion:142 Resp: 198893
Ion Ratio Lower Upper
142 100
127 42.6 21.0 63.0
141 14.5 6.9 20.7



#12
Methyl Acetate
Concen: 20.557 ug/l
RT: 2.75 min Scan# 306
Delta R.T. -0.00 min
Lab File: VX015363.D
Acq: 26 Mar 2020 18:01

Tgt Ion: 43 Resp: 323348
Ion Ratio Lower Upper
43 100
74 21.3 15.8 23.6

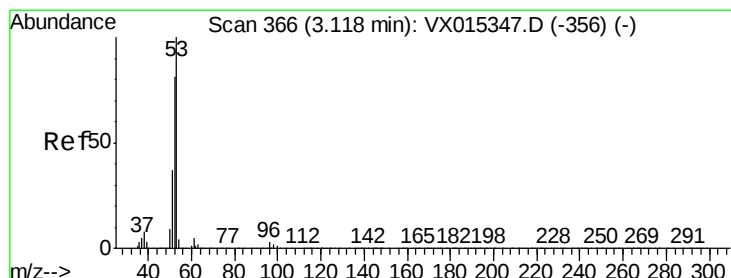
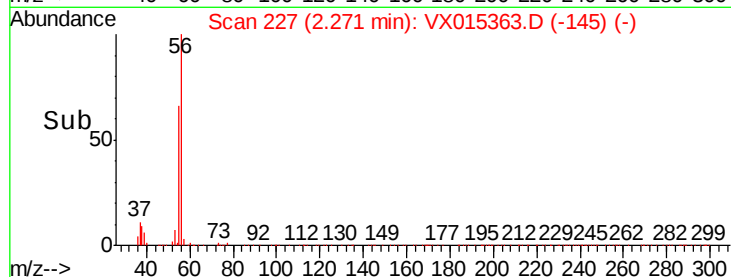
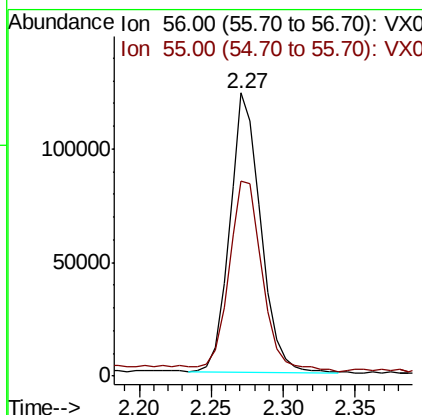
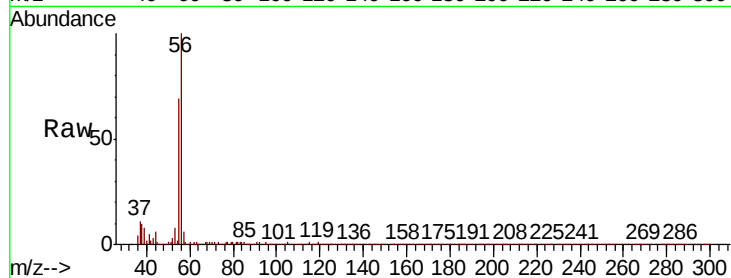




#13
Acrolein
Concen: 90.300 ug/l
RT: 2.27 min Scan# 227
Delta R.T. -0.00 min
Lab File: VX015363.D
Acq: 26 Mar 2020 18:01

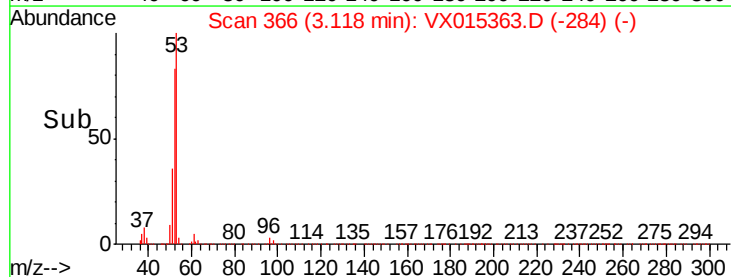
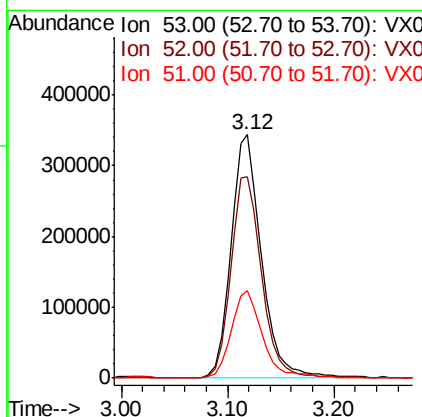
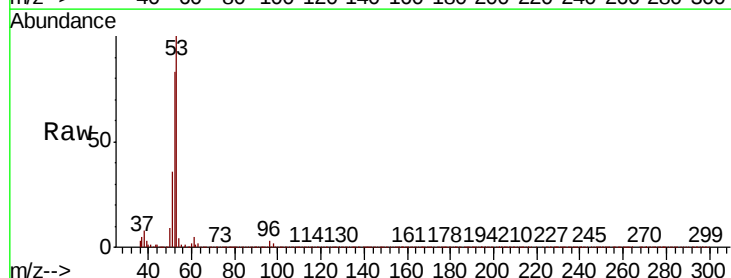
Instrument :
MSVOA_X
ClientSampled :

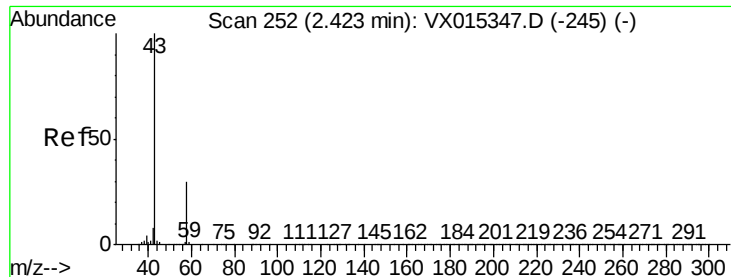
Tot Ion: 56 Resp: 184771
Ion Ratio Lower Upper
56 100
55 73.1 53.5 80.3



#14
Acrylonitrile
Concen: 101.635 ug/l
RT: 3.12 min Scan# 366
Delta R.T. -0.00 min
Lab File: VX015363.D
Acq: 26 Mar 2020 18:01

Tgt Ion: 53 Resp: 684401
Ion Ratio Lower Upper
53 100
52 83.5 41.0 123.2
51 36.5 18.4 55.4





#15

Acetone

Concen: 101.719 ug/l

RT: 2.42 min Scan# 251

Delta R.T. -0.01 min

Lab File: VX015363.D

Acq: 26 Mar 2020 18:01

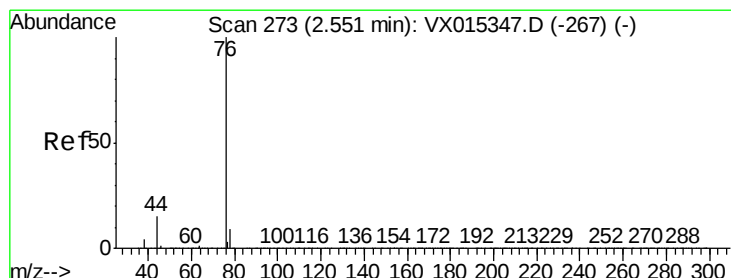
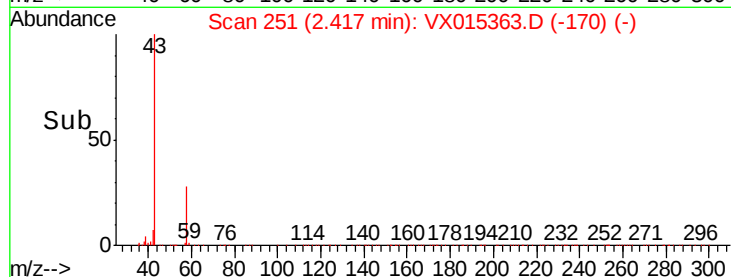
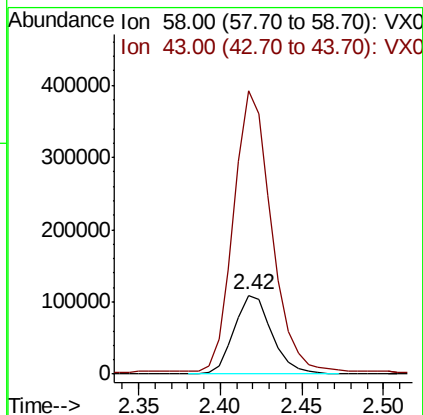
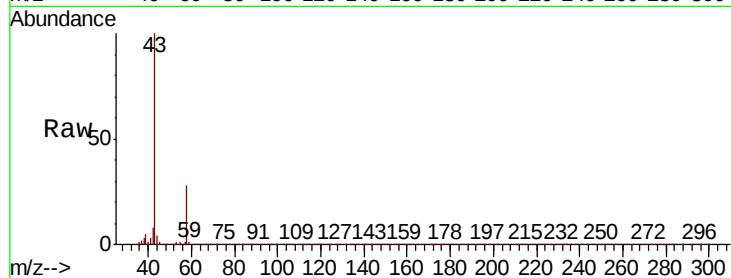
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 58 Resp: 174173

Ion Ratio Lower Upper

58 100

43 357.0 267.8 401.8



#16

Carbon Disulfide

Concen: 18.848 ug/l

RT: 2.55 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX015363.D

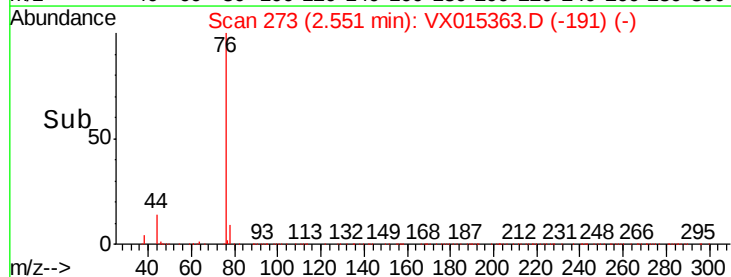
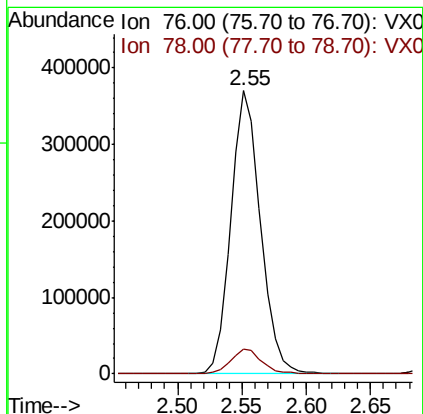
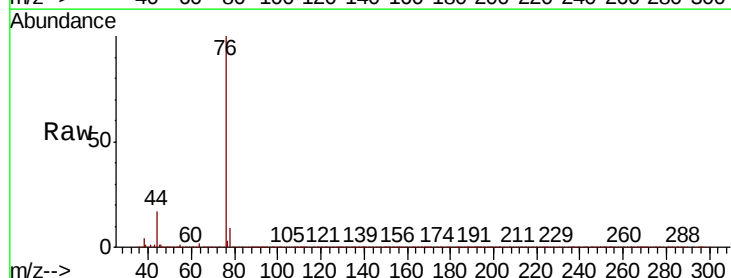
Acq: 26 Mar 2020 18:01

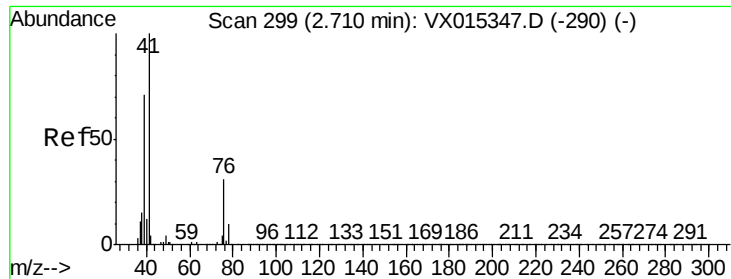
Tgt Ion: 76 Resp: 592260

Ion Ratio Lower Upper

76 100

78 8.7 7.4 11.2

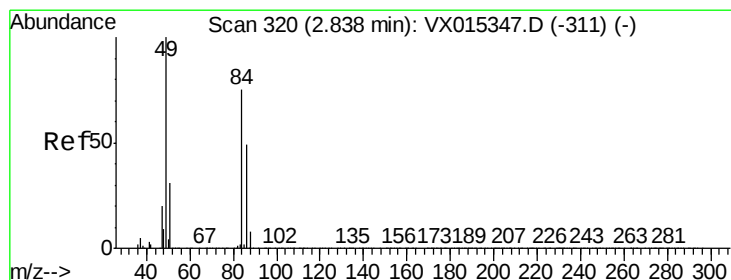
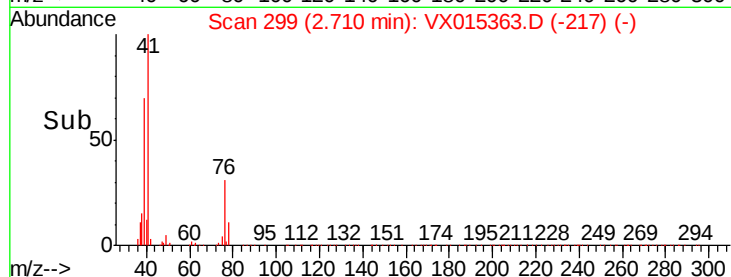
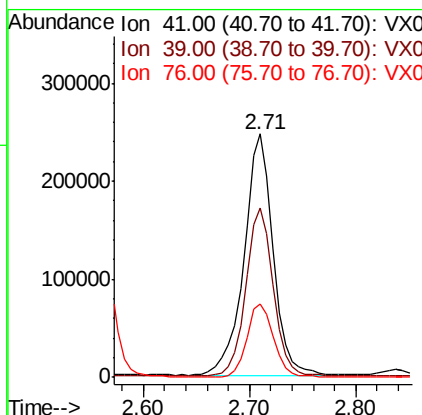
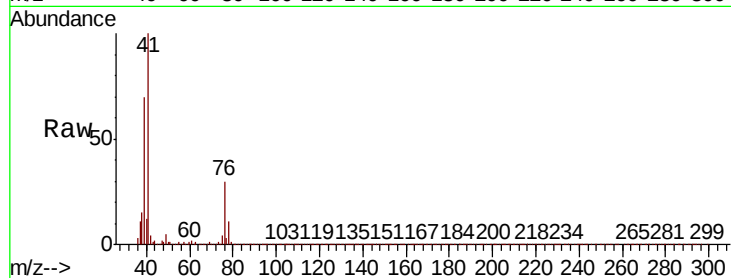




#17
Allvl chloride
Concen: 19.400 ug/l
RT: 2.71 min Scan# 299
Delta R.T. -0.00 min
Lab File: VX015363.D
Acq: 26 Mar 2020 18:01

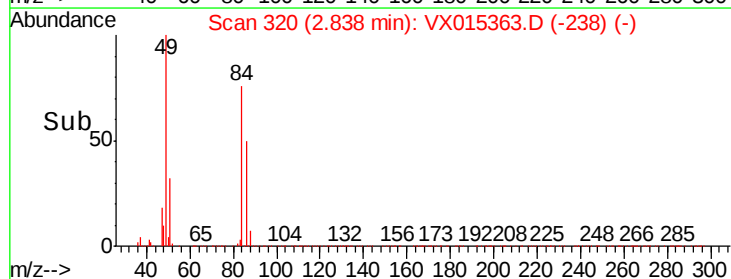
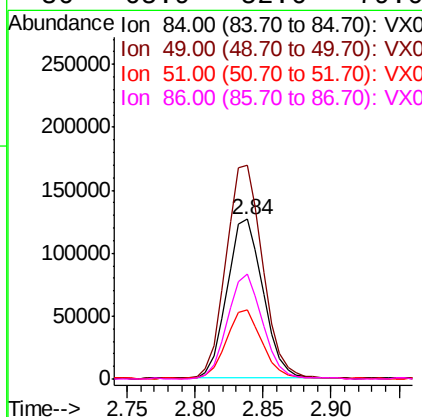
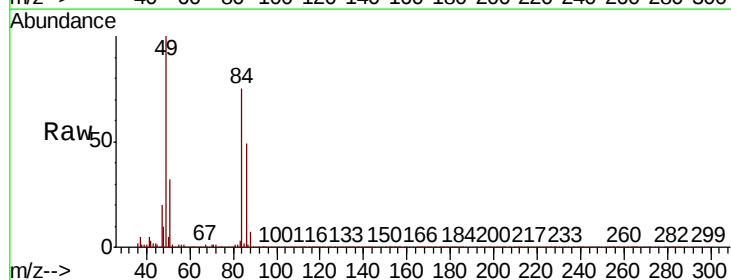
Instrument :
MSVOA_X
ClientSampleId :

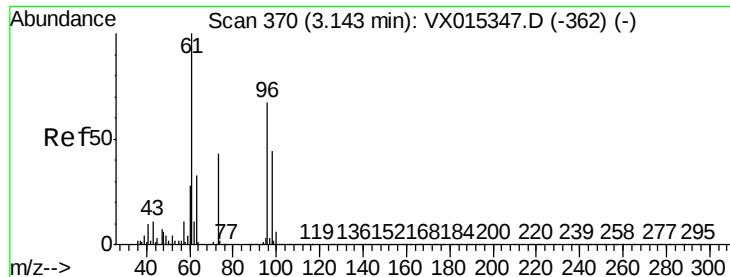
Tot Ion: 41 Resp: 470828
Ion Ratio Lower Upper
41 100
39 69.6 35.6 106.8
76 30.2 15.4 46.4



#18
Methylene Chloride
Concen: 19.373 ug/l
RT: 2.84 min Scan# 320
Delta R.T. -0.00 min
Lab File: VX015363.D
Acq: 26 Mar 2020 18:01

Tgt Ion: 84 Resp: 233804
Ion Ratio Lower Upper
84 100
49 133.7 107.0 160.4
51 42.7 33.4 50.0
86 65.9 52.6 79.0





#19

trans-1,2-Dichloroethene

Concen: 19.485 ug/l

RT: 3.14 min Scan# 370

Delta R.T. -0.00 min

Lab File: VX015363.D

Acq: 26 Mar 2020 18:01

Instrument :

MSVOA_X

ClientSampled :

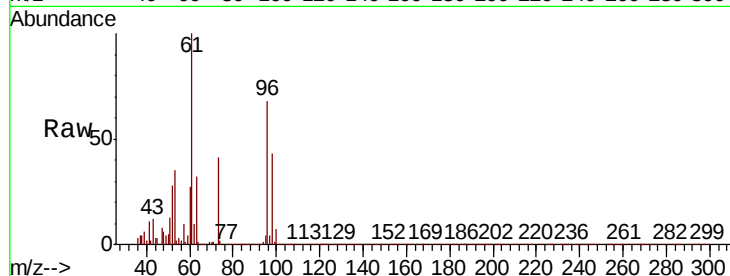
Tot Ion: 96 Resp: 226571

Ion Ratio Lower Upper

96 100

61 146.4 118.2 177.2

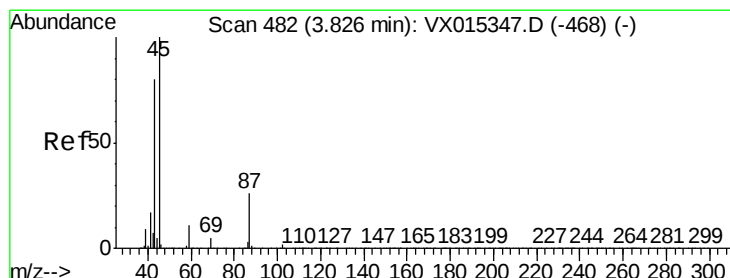
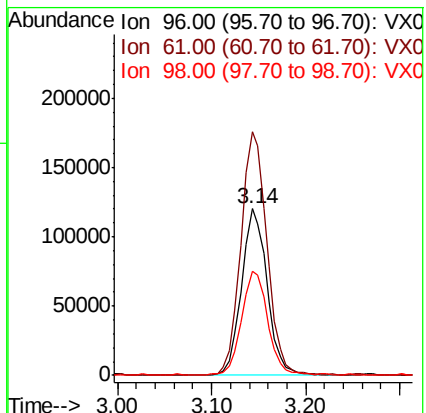
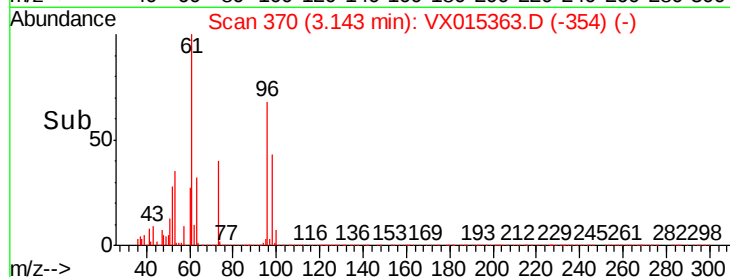
98 62.5 51.9 77.9



Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



#20

Diisopropyl ether

Concen: 19.891 ug/l

RT: 3.83 min Scan# 482

Delta R.T. -0.00 min

Lab File: VX015363.D

Acq: 26 Mar 2020 18:01

Tgt Ion: 45 Resp: 865780

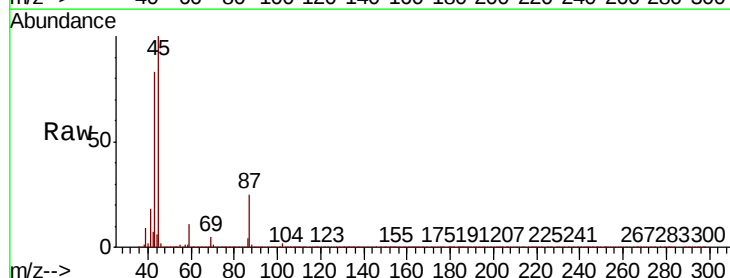
Ion Ratio Lower Upper

45 100

43 81.2 64.4 96.6

87 24.5 20.4 30.6

59 10.8 8.7 13.1

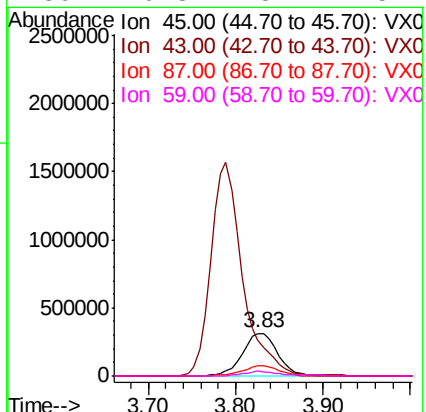
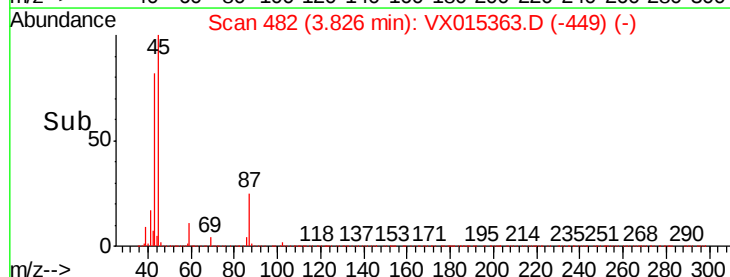


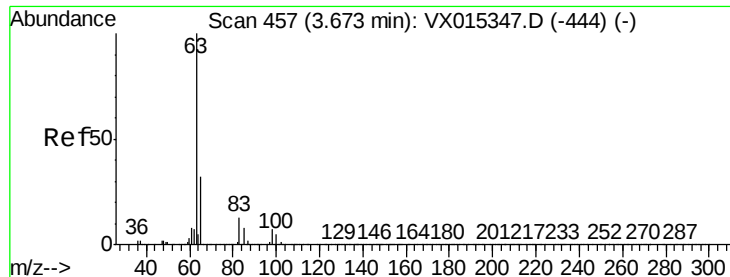
Abundance Ion 45.00 (44.70 to 45.70): VX0

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





#21

1,1-Dichloroethane

Concen: 19.559 ug/l

RT: 3.67 min Scan# 457

Delta R.T. -0.00 min

Lab File: VX015363.D

Acq: 26 Mar 2020 18:01

Instrument :

MSVOA_X

ClientSampleId :

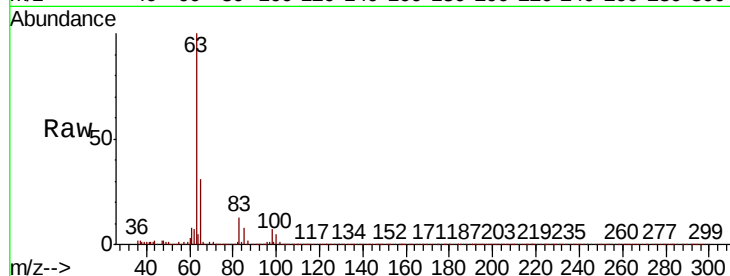
Tot Ion: 63 Resp: 434586

Ion Ratio Lower Upper

63 100

98 6.9 3.3 9.9

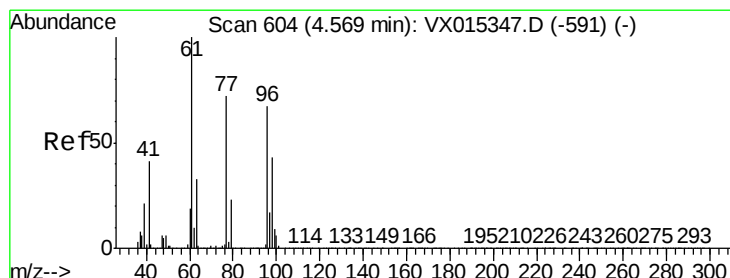
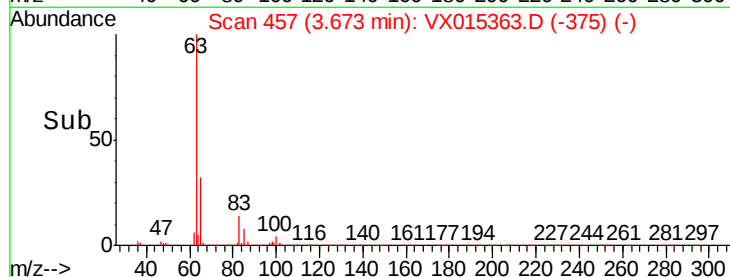
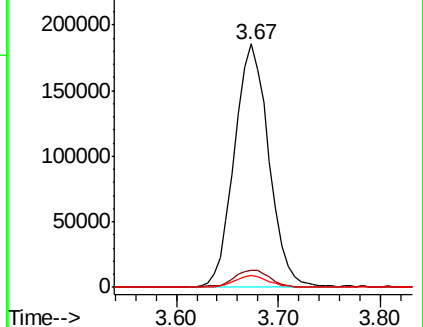
100 4.6 2.3 6.8



Abundance Ion 63.00 (62.70 to 63.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0



#22

cis-1,2-Dichloroethene

Concen: 18.919 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX015363.D

Acq: 26 Mar 2020 18:01

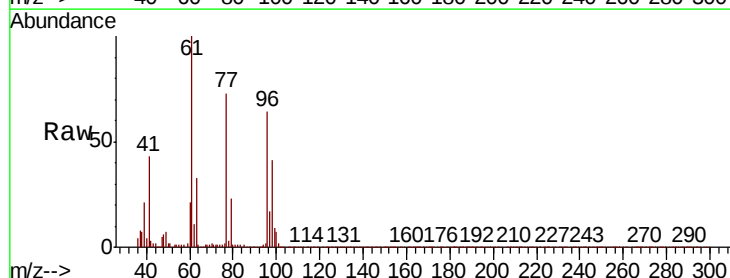
Tgt Ion: 96 Resp: 253432

Ion Ratio Lower Upper

96 100

61 160.1 127.2 190.8

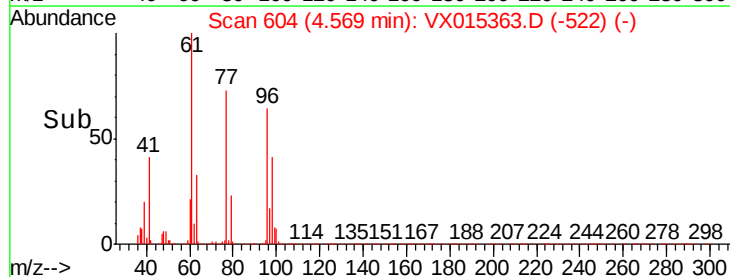
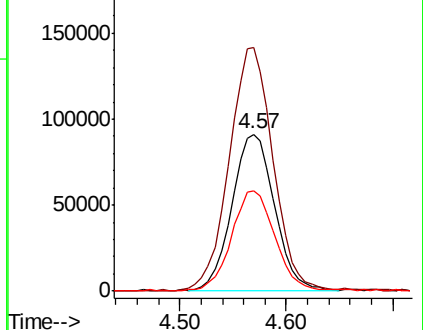
98 64.5 51.8 77.6

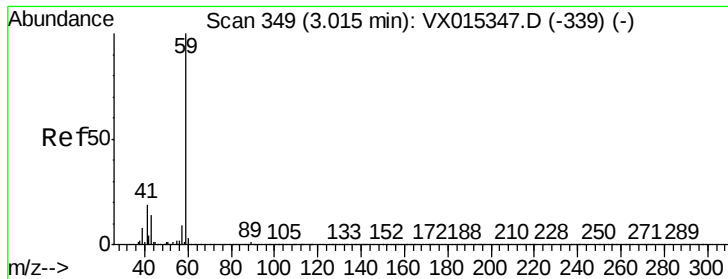


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



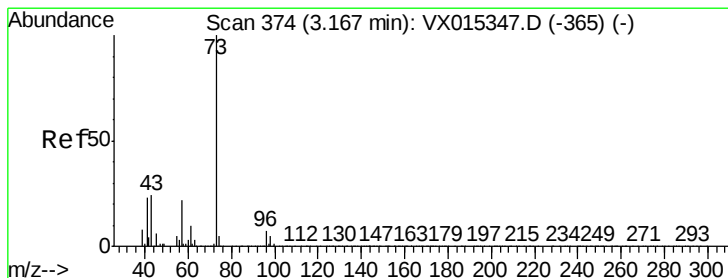
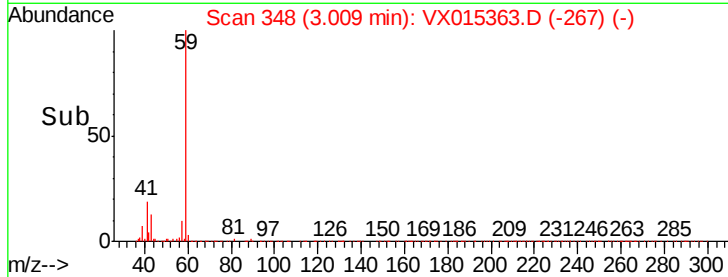
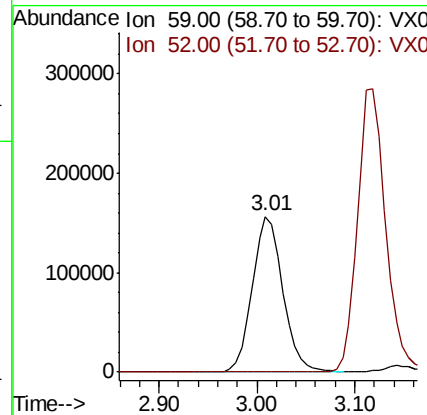
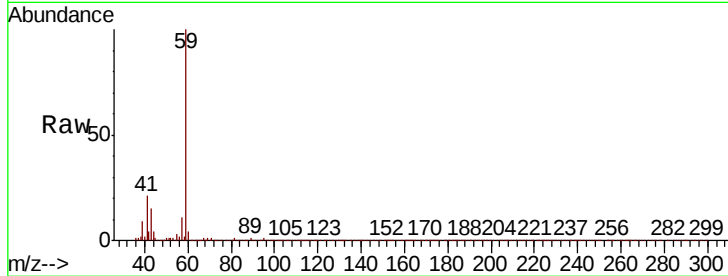


#23

tert-Butyl Alcohol
Concen: 102.073 ug/l
RT: 3.01 min Scan# 348
Delta R.T. -0.01 min
Lab File: VX015363.D
Acq: 26 Mar 2020 18:01

Instrument :
MSVOA_X
ClientSampleId :

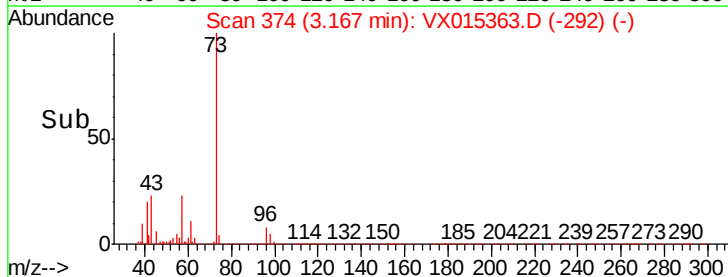
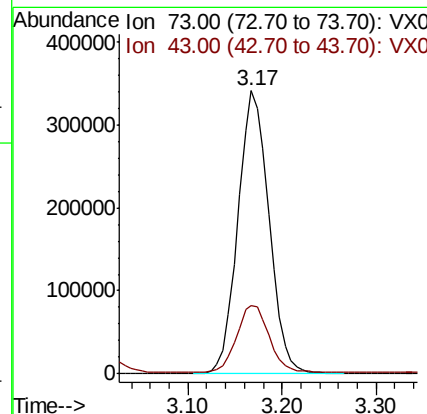
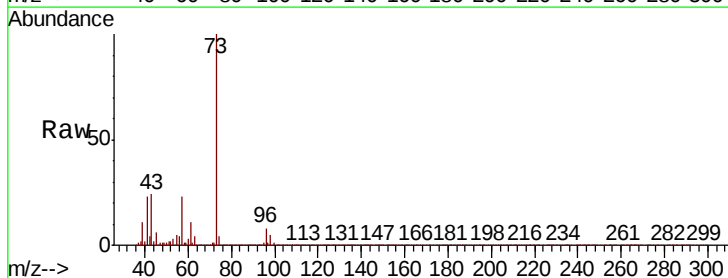
Tot Ion: 59 Resp: 338092
Ion Ratio Lower Upper
59 100
52 0.3 0.2 0.2#

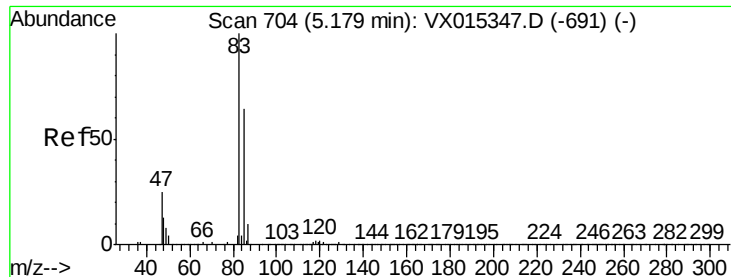


#24

Methyl tert-Butyl Ether
Concen: 19.594 ug/l
RT: 3.17 min Scan# 374
Delta R.T. -0.00 min
Lab File: VX015363.D
Acq: 26 Mar 2020 18:01

Tgt Ion: 73 Resp: 781988
Ion Ratio Lower Upper
73 100
43 24.4 19.2 28.8

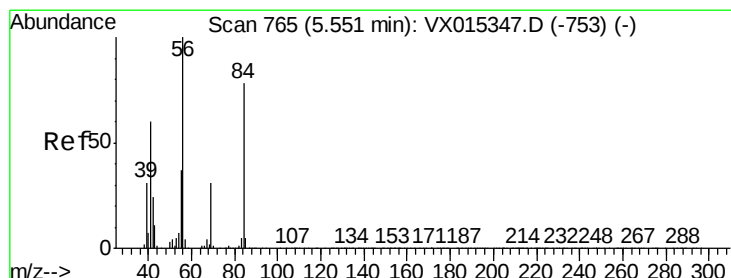
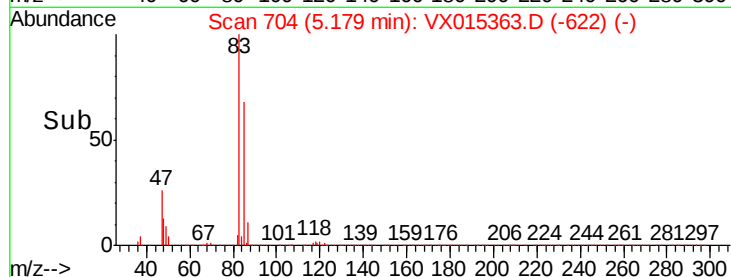
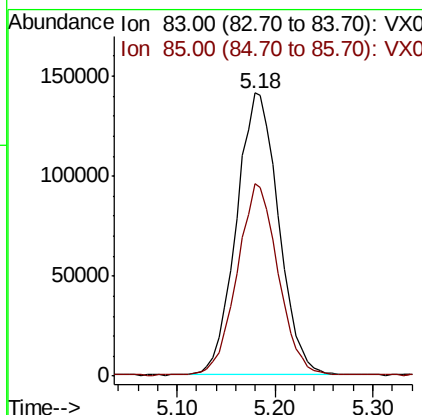
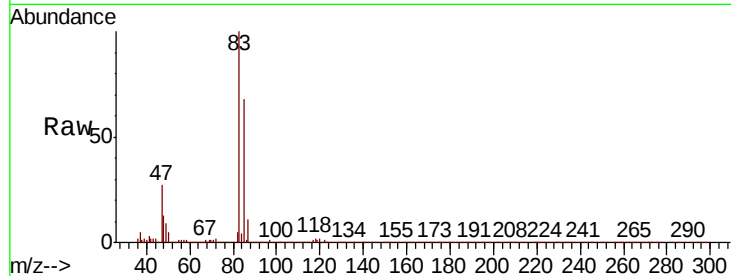




#25
Chloroform
Concen: 19.135 ug/l
RT: 5.18 min Scan# 704
Delta R.T. -0.00 min
Lab File: VX015363.D
Acq: 26 Mar 2020 18:01

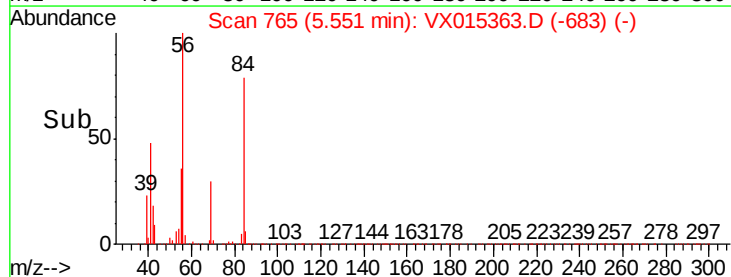
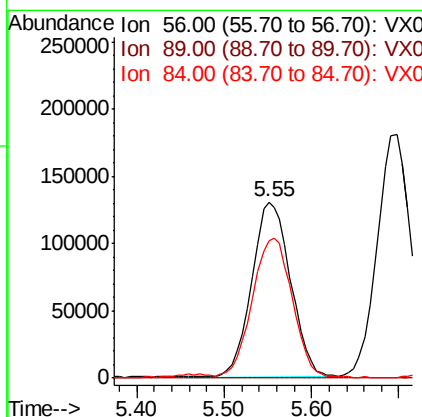
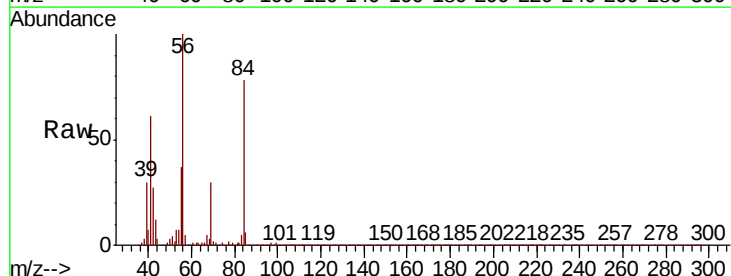
Instrument :
MSVOA_X
ClientSampleId :

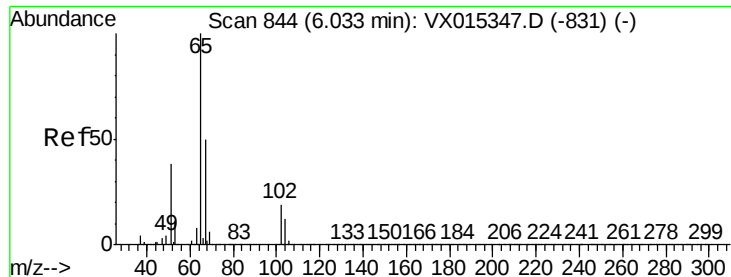
Tot Ion: 83 Resp: 420250
Ion Ratio Lower Upper
83 100
85 67.7 50.5 75.7



#26
Cyclohexane
Concen: 18.901 ug/l
RT: 5.55 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX015363.D
Acq: 26 Mar 2020 18:01

Tgt Ion: 56 Resp: 401245
Ion Ratio Lower Upper
56 100
89 0.1 0.1 0.1#
84 81.9 66.1 99.1





#27

1,2-Dichloroethane-d4

Concen: 31.131 ug/l

RT: 6.04 min Scan# 845

Delta R.T. 0.01 min

Lab File: VX015363.D

Acq: 26 Mar 2020 18:01

Instrument :

MSVOA_X

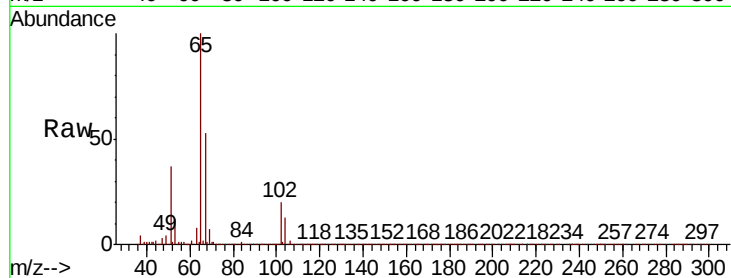
ClientSampleId :

Tot Ion: 65 Resp: 480232

Ion Ratio Lower Upper

65 100

67 50.4 40.9 61.3



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

6.04

200000

150000

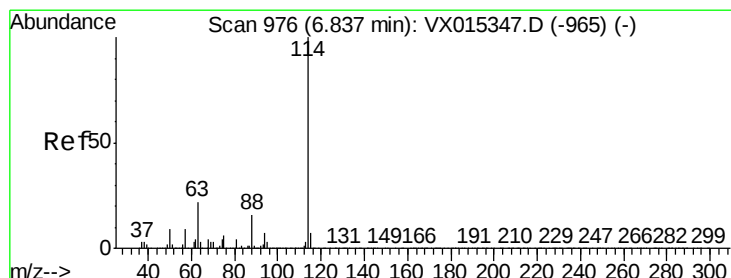
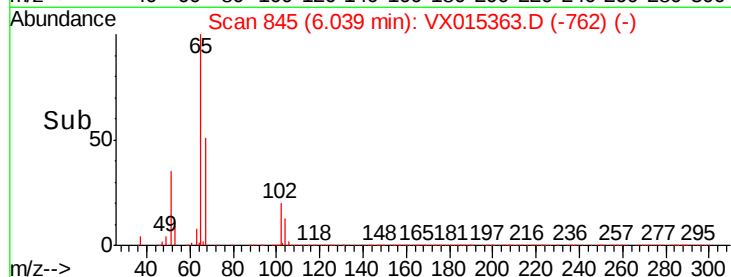
100000

50000

0

5.90 6.00 6.10

Time-->



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.84 min Scan# 976

Delta R.T. -0.00 min

Lab File: VX015363.D

Acq: 26 Mar 2020 18:01

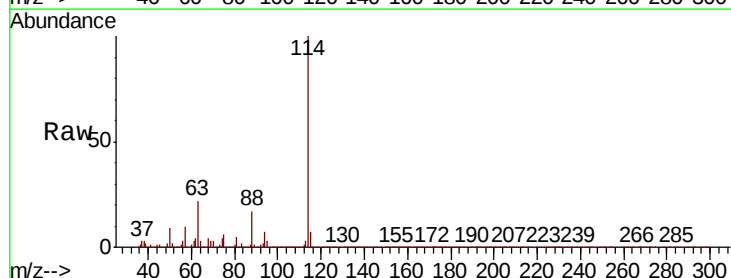
Tgt Ion: 114 Resp: 1106519

Ion Ratio Lower Upper

114 100

63 22.4 17.4 26.2

88 16.9 12.9 19.3



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0

600000

500000

400000

300000

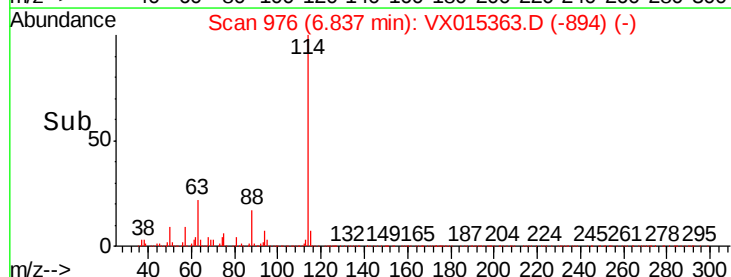
200000

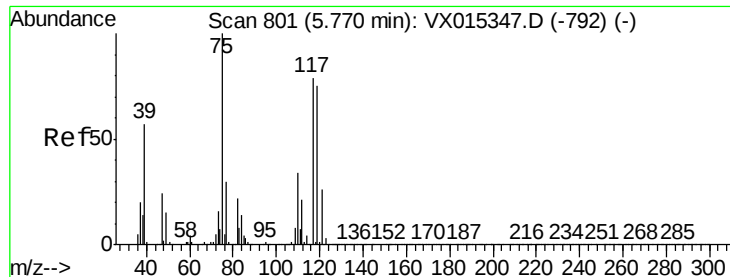
100000

0

6.70 6.80 6.90

Time-->

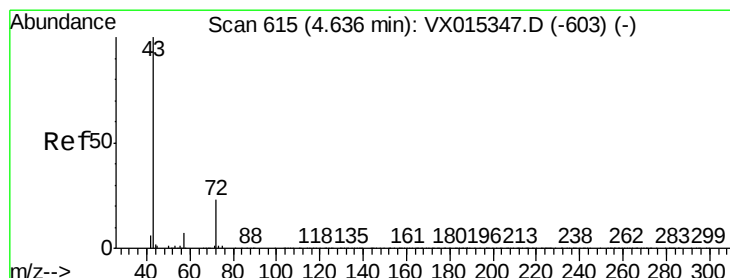
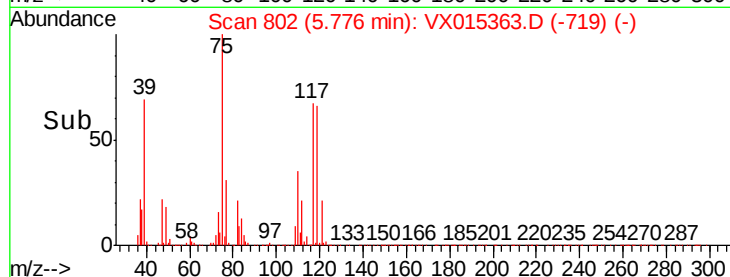
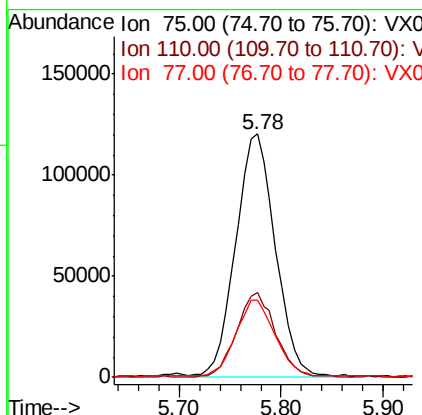
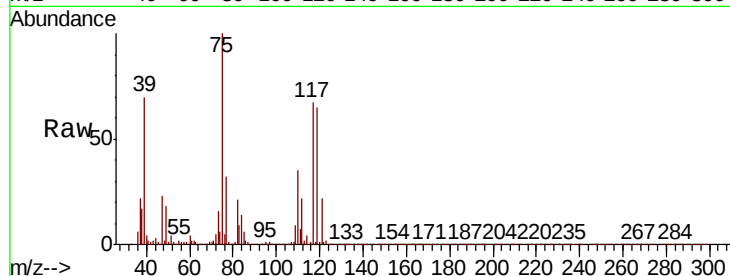




#29
 1,1-Dichloropropene
 Concen: 19.563 ug/l
 RT: 5.78 min Scan# 802
 Delta R.T. 0.01 min
 Lab File: VX015363.D
 Acq: 26 Mar 2020 18:01

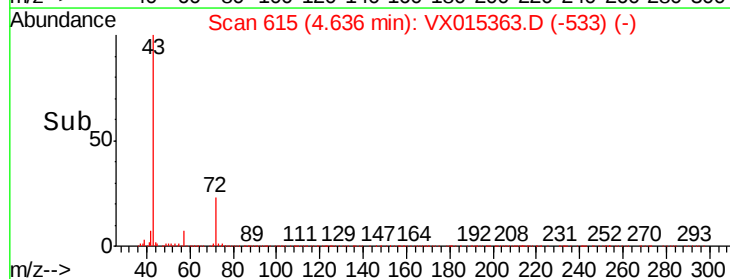
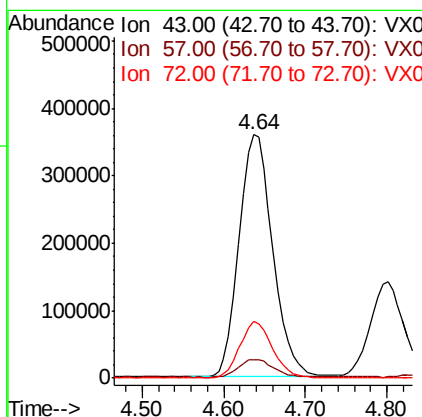
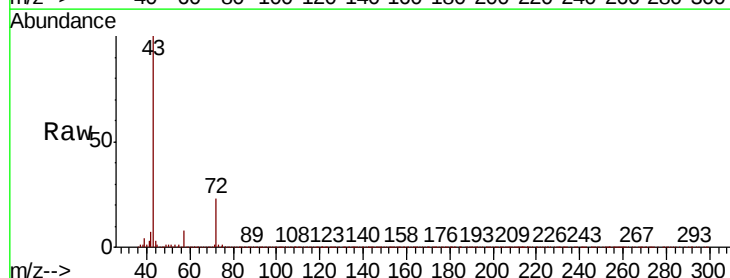
Instrument :
 MSVOA_X
 ClientSampleId :

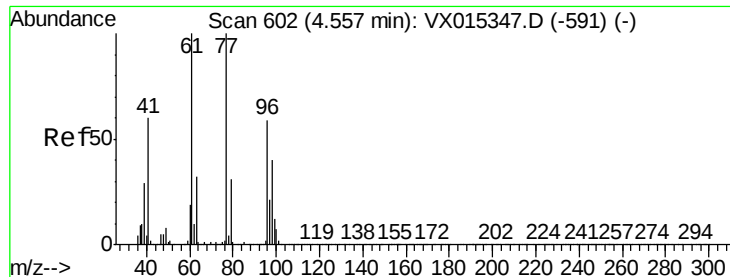
Tot Ion	Ratio	Lower	Upper
75	100		
110	34.6	0.0	71.2
77	31.1	0.0	62.2



#30
 2-Butanone
 Concen: 103.182 ug/l
 RT: 4.64 min Scan# 615
 Delta R.T. -0.00 min
 Lab File: VX015363.D
 Acq: 26 Mar 2020 18:01

Tgt Ion	Ratio	Lower	Upper
43	100		
57	7.7	5.9	8.9
72	22.2	18.6	27.8





#31

2,2-Dichloropropane

Concen: 19.209 ug/l

RT: 4.56 min Scan# 602

Delta R.T. -0.00 min

Lab File: VX015363.D

Acq: 26 Mar 2020 18:01

Instrument :

MSVOA_X

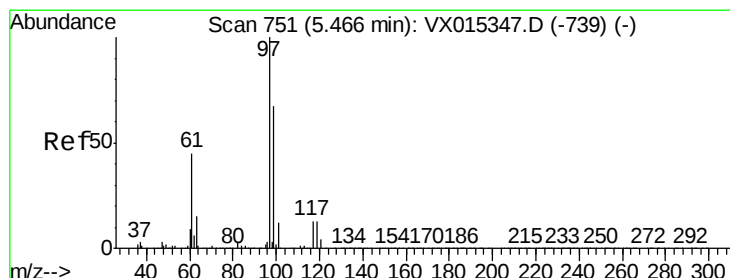
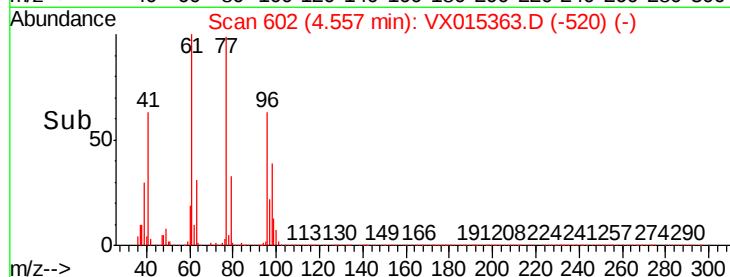
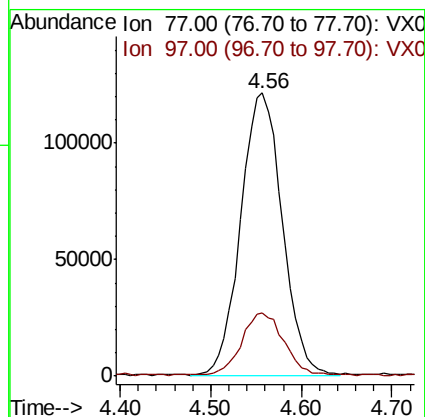
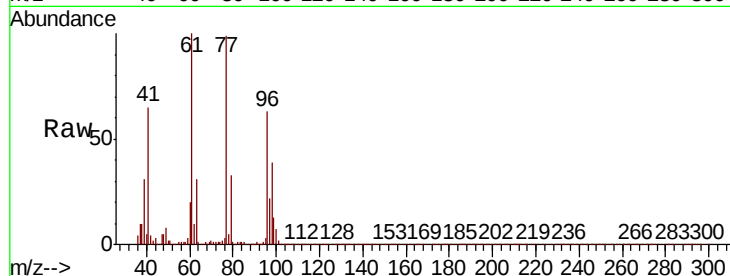
ClientSampleId :

Tot Ion: 77 Resp: 384281

Ion Ratio Lower Upper

77 100

97 21.9 17.8 26.8



#32

1,1,1-Trichloroethane

Concen: 19.291 ug/l

RT: 5.47 min Scan# 752

Delta R.T. 0.01 min

Lab File: VX015363.D

Acq: 26 Mar 2020 18:01

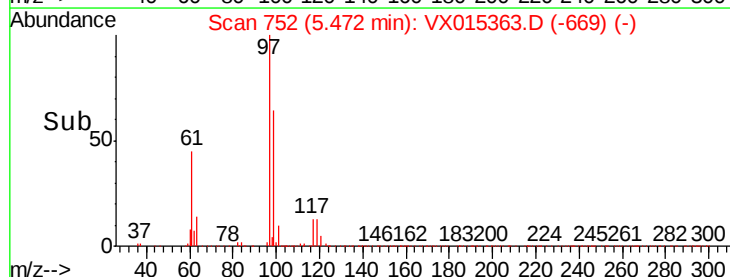
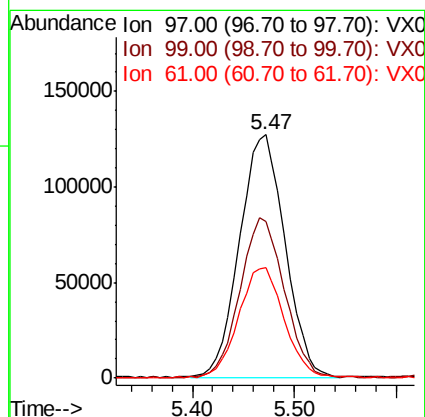
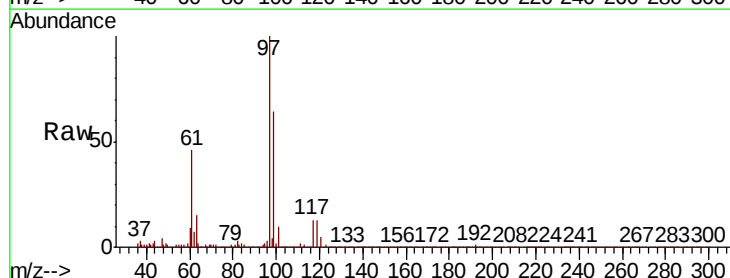
Tgt Ion: 97 Resp: 391273

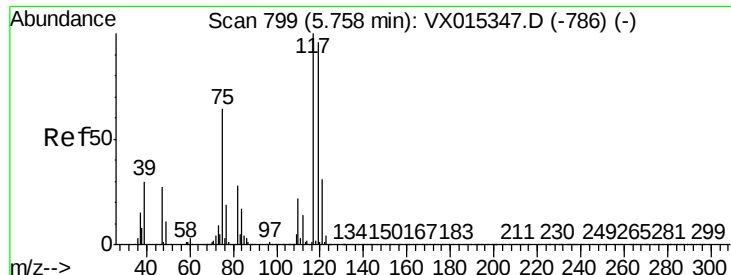
Ion Ratio Lower Upper

97 100

99 64.4 51.0 76.4

61 44.9 35.8 53.8

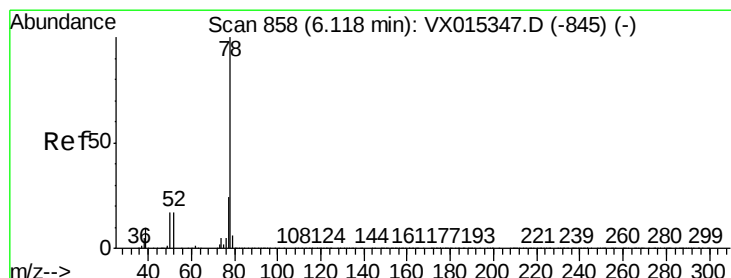
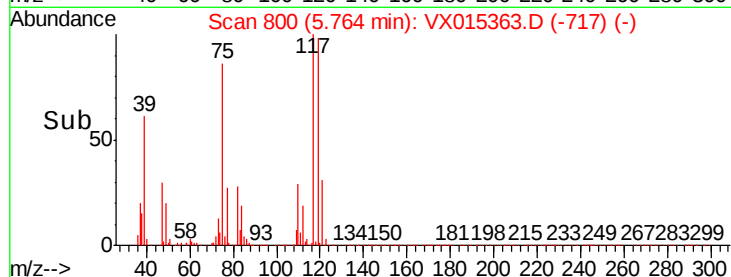
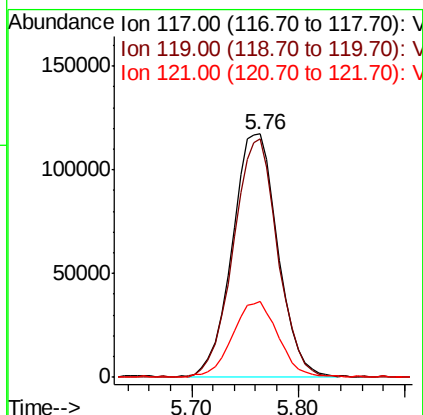
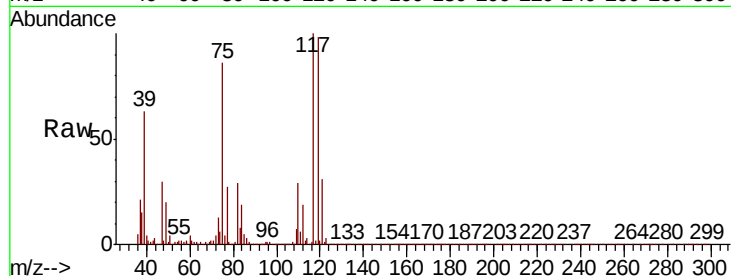




#33
Carbon Tetrachloride
Concen: 18.920 ug/l
RT: 5.76 min Scan# 800
Delta R.T. 0.01 min
Lab File: VX015363.D
Acq: 26 Mar 2020 18:01

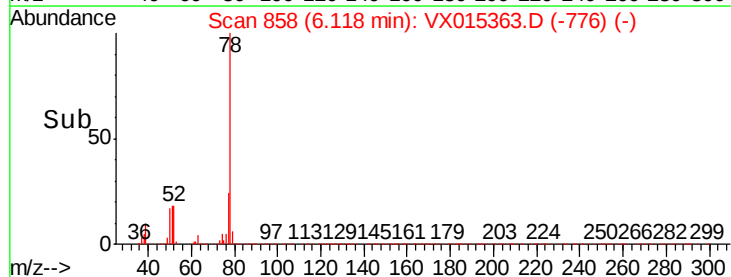
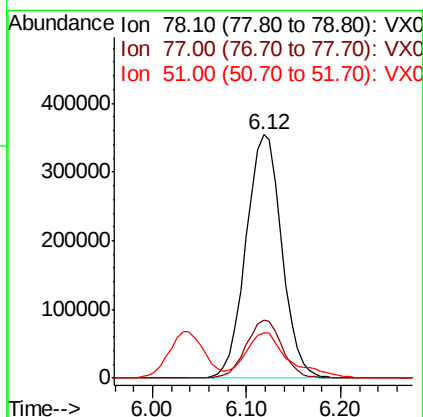
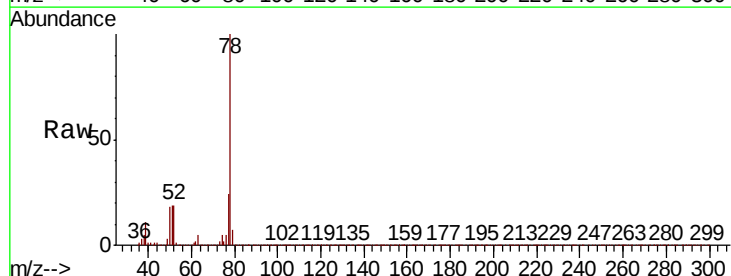
Instrument :
MSVOA_X
ClientSampleId :

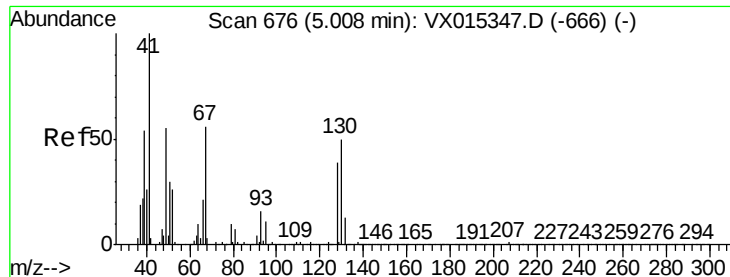
Tot Ion	Ratio	Lower	Upper
117	100		
119	98.1	76.6	114.8
121	30.8	25.0	37.4



#34
Benzene
Concen: 19.579 ug/l
RT: 6.12 min Scan# 858
Delta R.T. -0.00 min
Lab File: VX015363.D
Acq: 26 Mar 2020 18:01

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.4	29.2
51	17.5	14.6	21.8

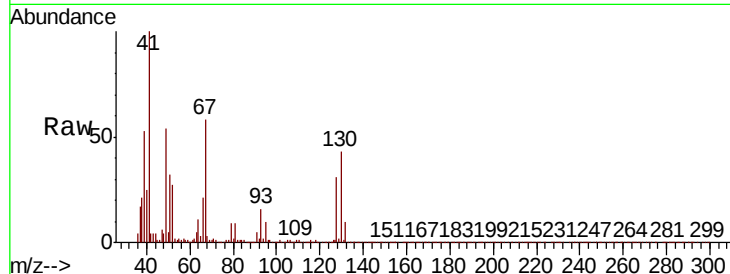




#35
Methacrylonitrile
Concen: 20.599 ug/l
RT: 5.01 min Scan# 677
Delta R.T. 0.01 min
Lab File: VX015363.D
Acq: 26 Mar 2020 18:01

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	41	Resp:	232796
Ion	Ratio	Lower	Upper
41	100		
39	52.1	27.0	81.0
67	58.1	28.2	84.6
52	26.8	12.8	38.3



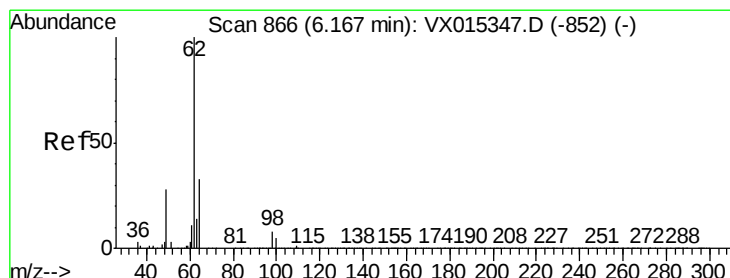
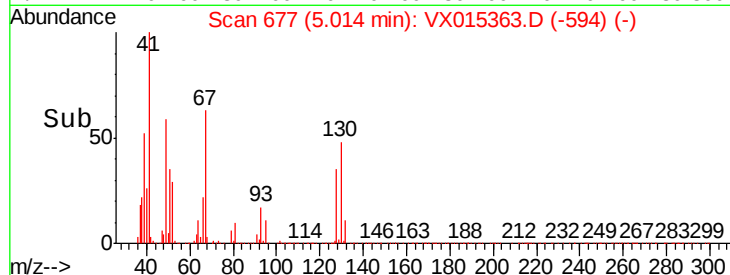
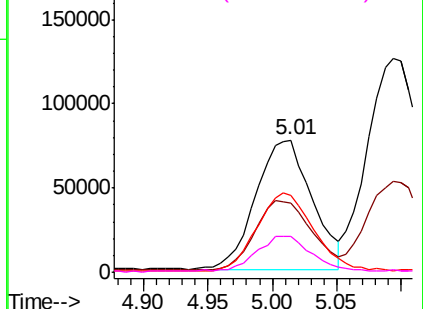
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

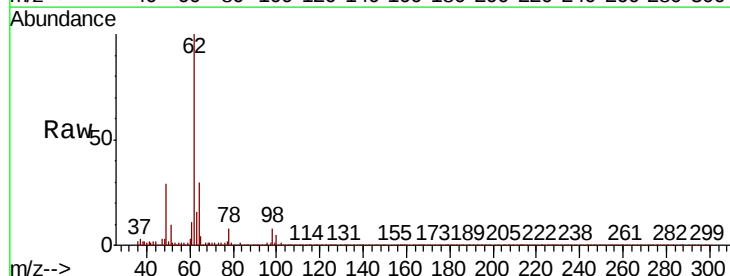
Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#36
1,2-Dichloroethane
Concen: 20.171 ug/l
RT: 6.17 min Scan# 866
Delta R.T. -0.00 min
Lab File: VX015363.D
Acq: 26 Mar 2020 18:01

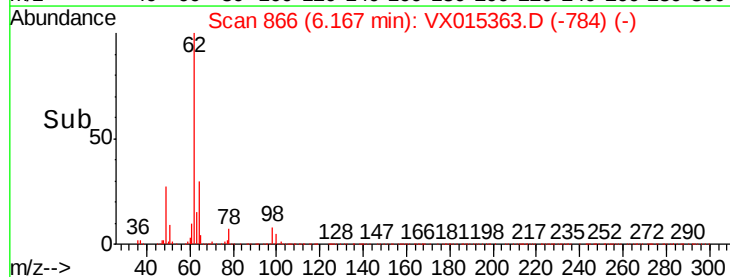
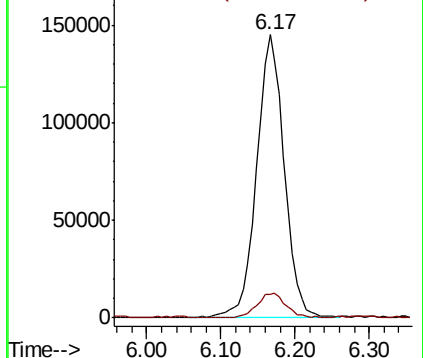
Tgt Ion:	62	Resp:	373450
Ion	Ratio	Lower	Upper
62	100		
98	8.6	6.9	10.3

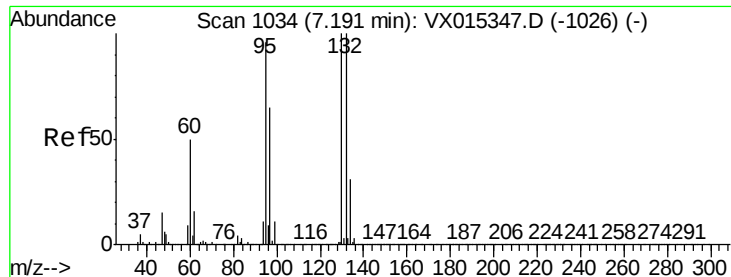


Abundance

Ion 62.00 (61.70 to 62.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#37

Trichloroethene

Concen: 19.301 ug/l

RT: 7.19 min Scan# 1034

Delta R.T. -0.00 min

Lab File: VX015363.D

Acq: 26 Mar 2020 18:01

Instrument :

MSVOA_X

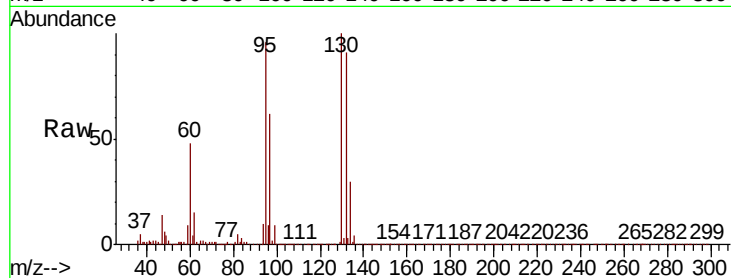
ClientSampled :

Tot Ion:130 Resp: 260386

Ion Ratio Lower Upper

130 100

95 95.8 76.4 114.6



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0

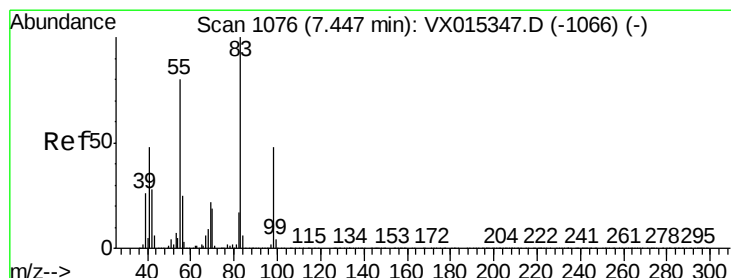
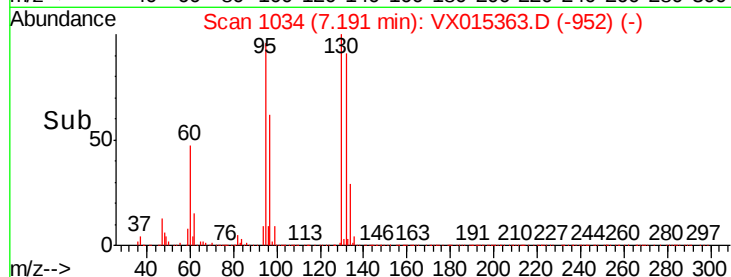
7.19

100000

50000

0

Time--> 7.10 7.15 7.20 7.25 7.30



#38

Methylcyclohexane

Concen: 19.116 ug/l

RT: 7.44 min Scan# 1075

Delta R.T. -0.01 min

Lab File: VX015363.D

Acq: 26 Mar 2020 18:01

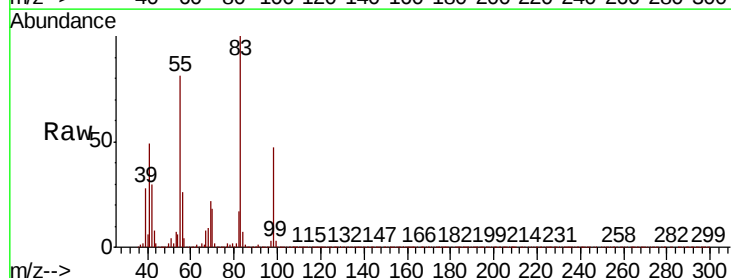
Tgt Ion: 83 Resp: 389581

Ion Ratio Lower Upper

83 100

55 83.5 41.3 124.1

98 49.4 24.0 72.0



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

250000

200000

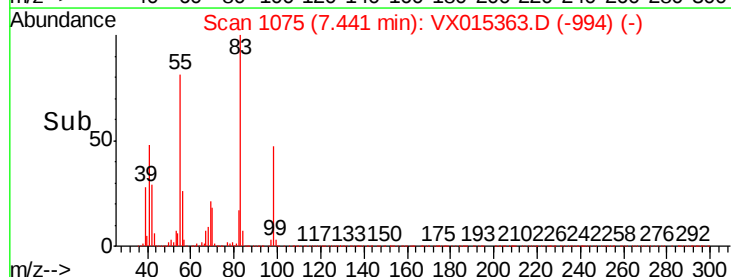
150000

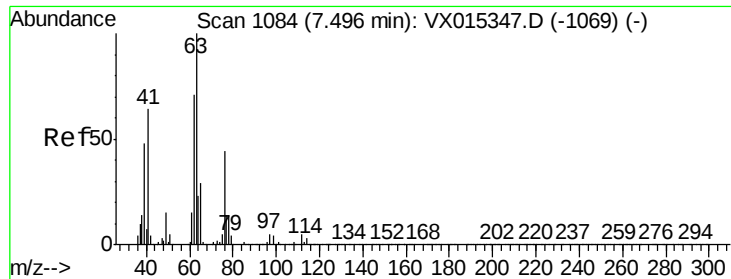
100000

50000

0

Time--> 7.35 7.40 7.45 7.50 7.55

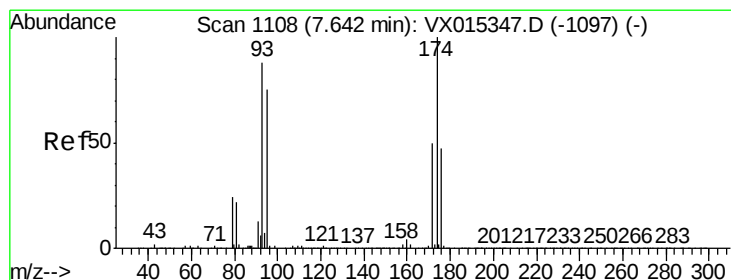
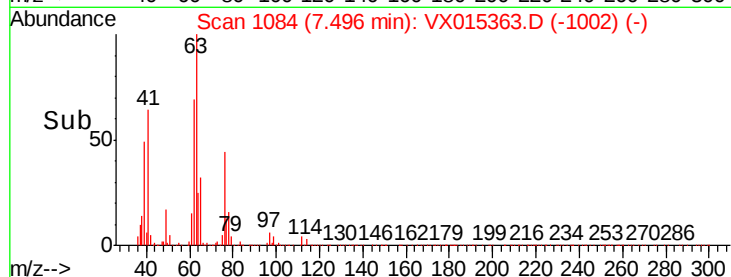
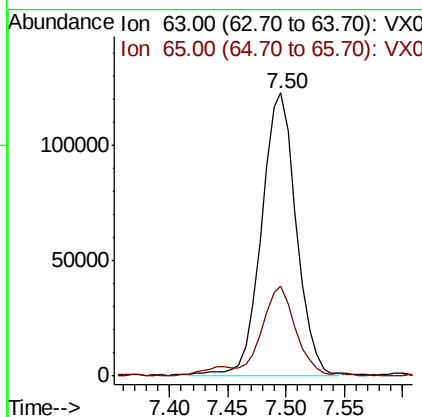
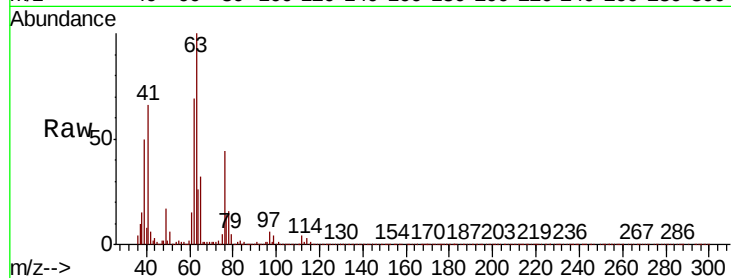




#39
 1,2-Dichloropropane
 Concen: 19.590 ug/l
 RT: 7.50 min Scan# 1084
 Delta R.T. -0.00 min
 Lab File: VX015363.D
 Acq: 26 Mar 2020 18:01

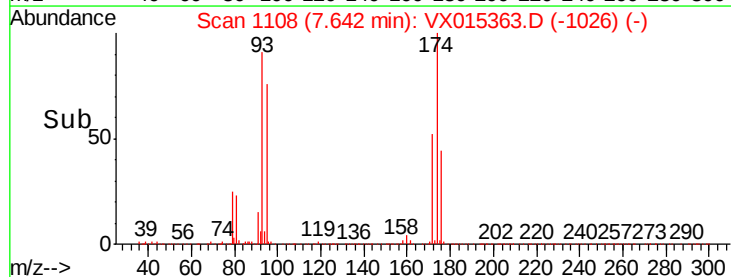
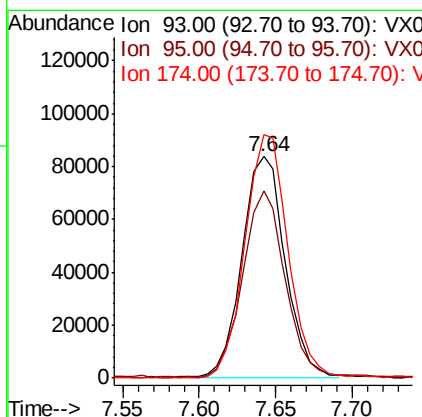
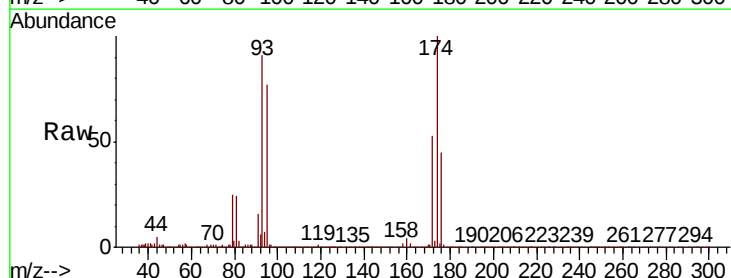
Instrument :
 MSVOA_X
 ClientSampleId :

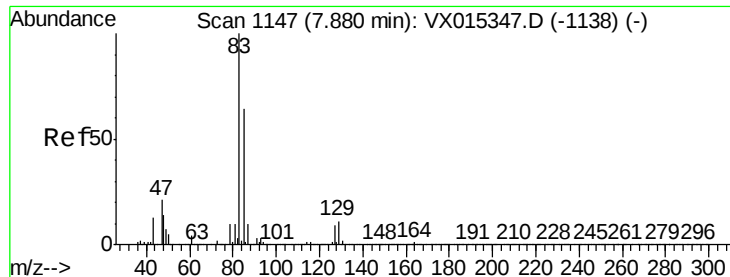
Tot Ion: 63 Resp: 252108
 Ion Ratio Lower Upper
 63 100
 65 31.5 23.0 34.4



#40
 Dibromomethane
 Concen: 19.152 ug/l
 RT: 7.64 min Scan# 1108
 Delta R.T. -0.00 min
 Lab File: VX015363.D
 Acq: 26 Mar 2020 18:01

Tgt Ion: 93 Resp: 164059
 Ion Ratio Lower Upper
 93 100
 95 82.2 0.0 166.4
 174 109.2 0.0 225.4





#41

Bromodichloromethane

Concen: 19.135 ug/l

RT: 7.88 min Scan# 1147

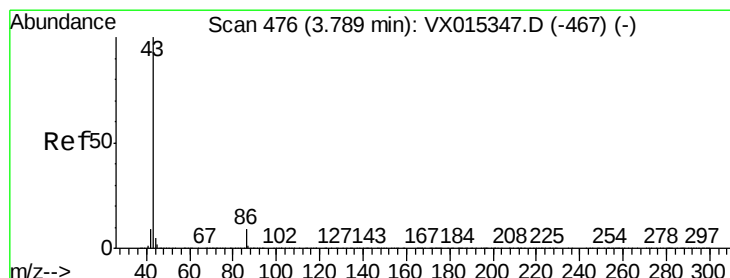
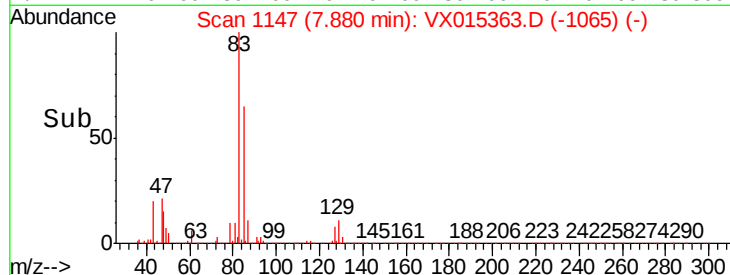
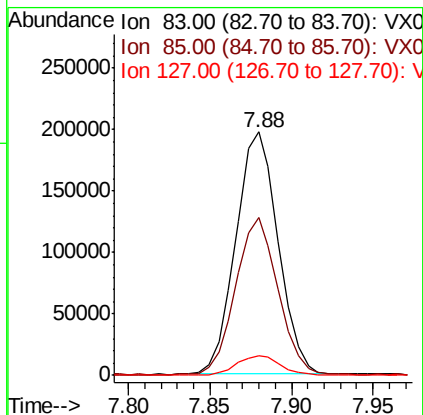
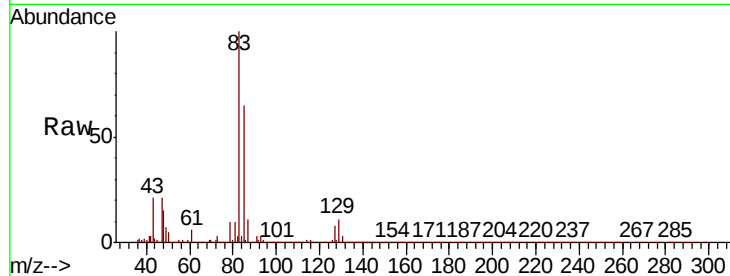
Delta R.T. -0.00 min

Lab File: VX015363.D

Acq: 26 Mar 2020 18:01

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	83	Resp:	356220
Ion	Ratio	Lower	Upper
83	100		
85	64.7	51.6	77.4
127	7.9	7.0	10.4



#42

Vinyl Acetate

Concen: 104.368 ug/l

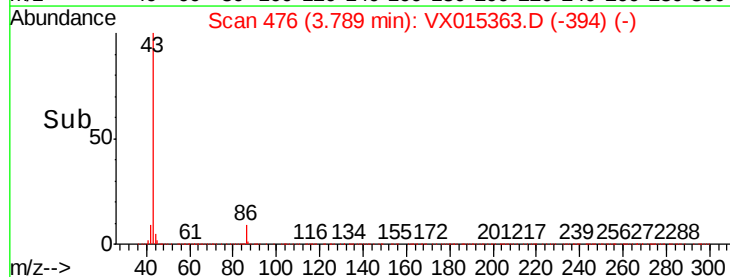
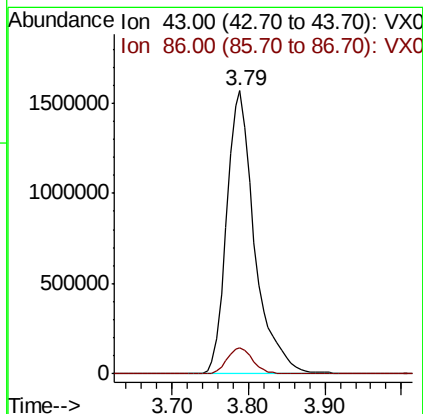
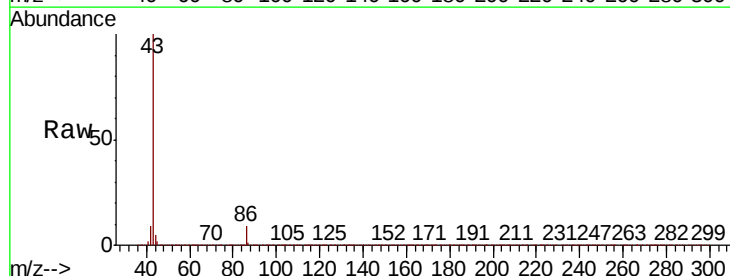
RT: 3.79 min Scan# 476

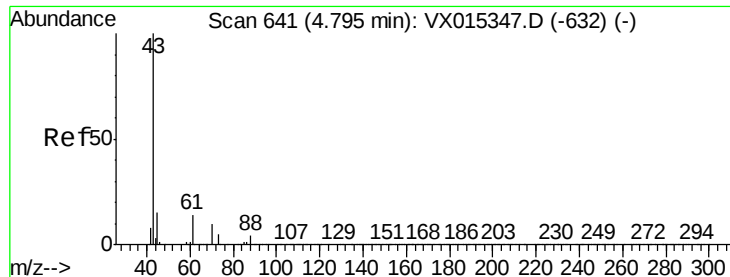
Delta R.T. -0.00 min

Lab File: VX015363.D

Acq: 26 Mar 2020 18:01

Tgt Ion:	43	Resp:	3940963
Ion	Ratio	Lower	Upper
43	100		
86	8.4	6.9	10.3





#43

Ethyl Acetate

Concen: 18.386 ug/l

RT: 4.80 min Scan# 642

Delta R.T. 0.01 min

Lab File: VX015363.D

Acq: 26 Mar 2020 18:01

Instrument :

MSVOA_X

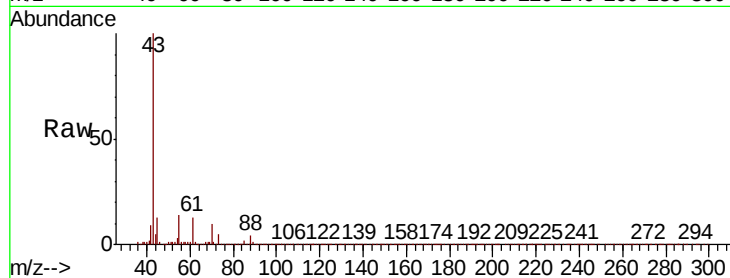
ClientSampleId :

Tot Ion: 43 Resp: 398562

Ion Ratio Lower Upper

43 100

45 7.4 12.2 18.4#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

150000

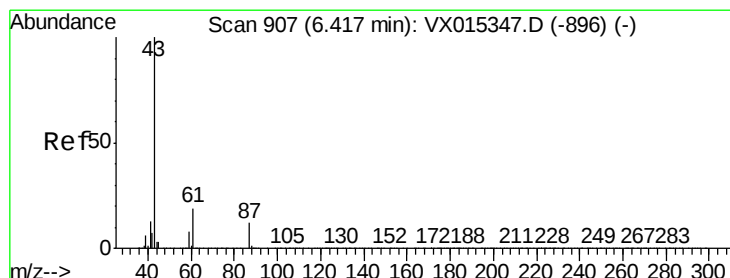
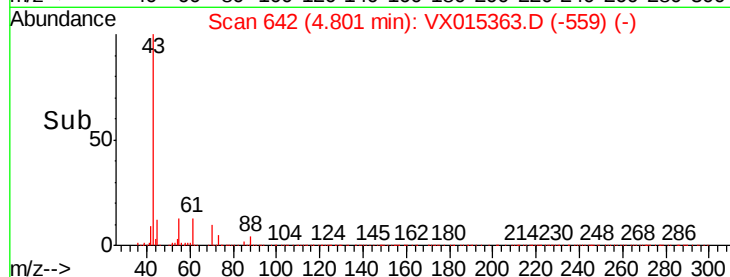
100000

50000

0

4.70 4.80 4.90

Time-->



#44

Isopropyl Acetate

Concen: 20.165 ug/l

RT: 6.42 min Scan# 907

Delta R.T. -0.00 min

Lab File: VX015363.D

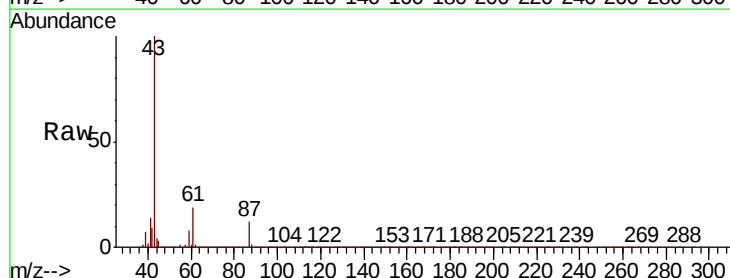
Acq: 26 Mar 2020 18:01

Tgt Ion: 43 Resp: 703506

Ion Ratio Lower Upper

43 100

61 19.0 14.6 22.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

300000

250000

200000

150000

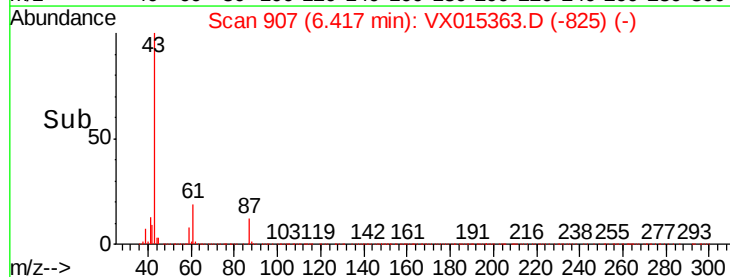
100000

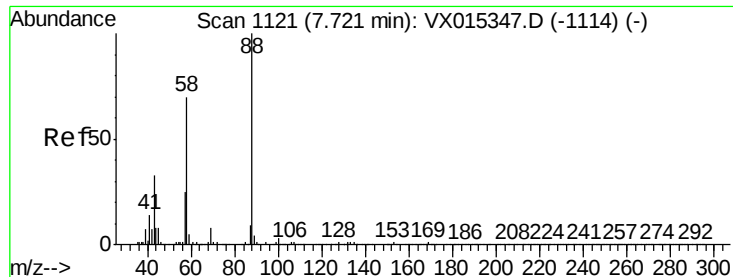
50000

0

6.30 6.40 6.50

Time-->

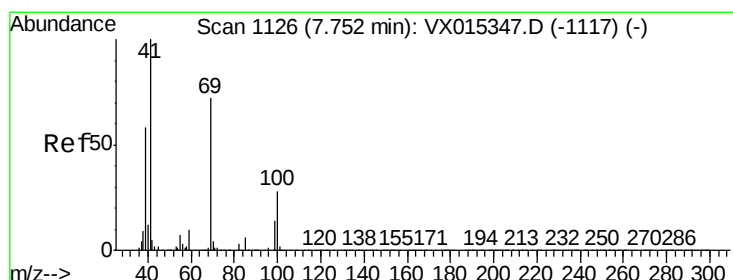
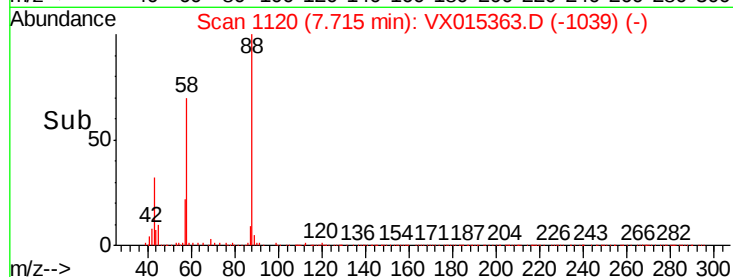
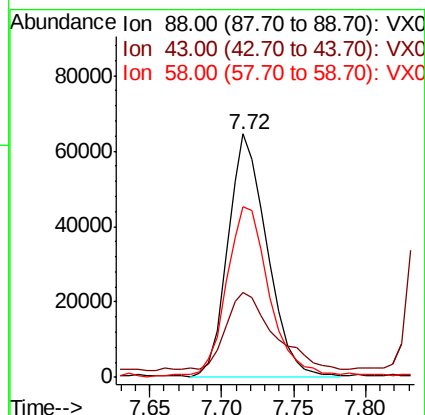
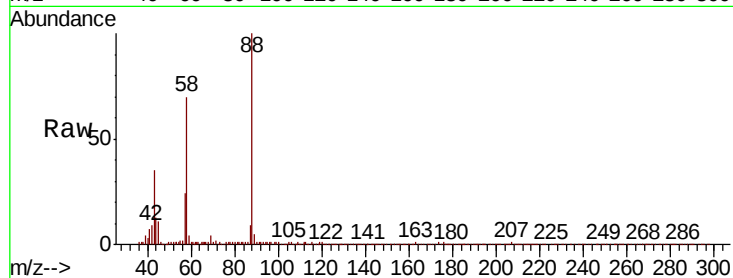




#45
1,4-Dioxane
Concen: 378.214 ug/l
RT: 7.72 min Scan# 1120
Delta R.T. -0.01 min
Lab File: VX015363.D
Acq: 26 Mar 2020 18:01

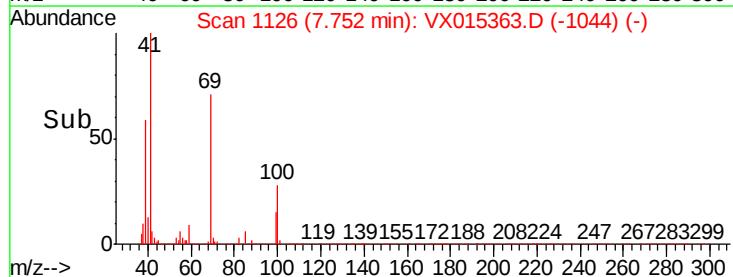
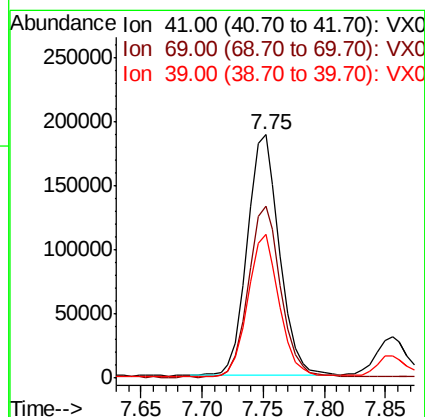
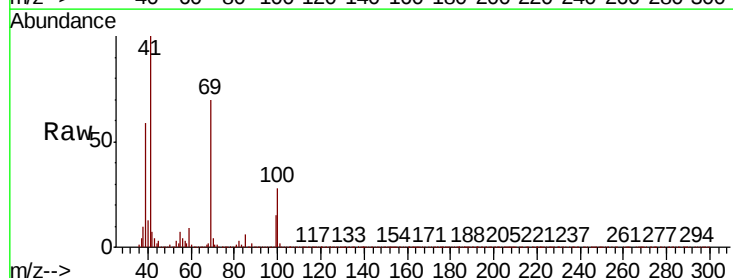
Instrument :
MSVOA_X
ClientSampleId :

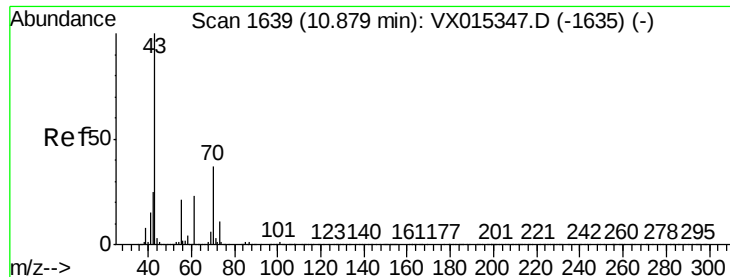
Tot Ion	Ratio	Lower	Upper
88	100		
43	38.7	32.1	48.1
58	73.6	59.4	89.0



#46
Methyl methacrylate
Concen: 19.797 ug/l
RT: 7.75 min Scan# 1126
Delta R.T. -0.00 min
Lab File: VX015363.D
Acq: 26 Mar 2020 18:01

Tgt Ion	Ratio	Lower	Upper
41	100		
69	70.8	35.8	107.4
39	58.7	28.9	86.8





#47

n-amvl Acetate

Concen: 19.313 ug/l

RT: 10.88 min Scan# 1639

Delta R.T. -0.00 min

Lab File: VX015363.D

Acq: 26 Mar 2020 18:01

Instrument :

MSVOA_X

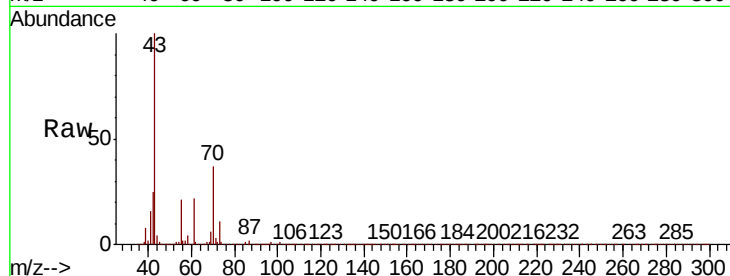
ClientSampleId :

Tot Ion: 43 Resp: 580964

Ion Ratio Lower Upper

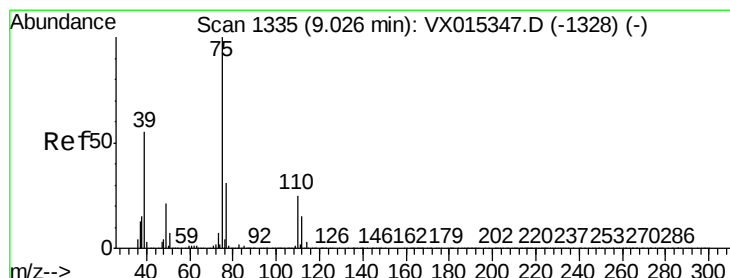
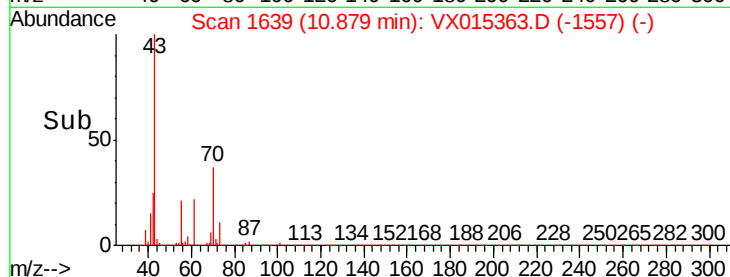
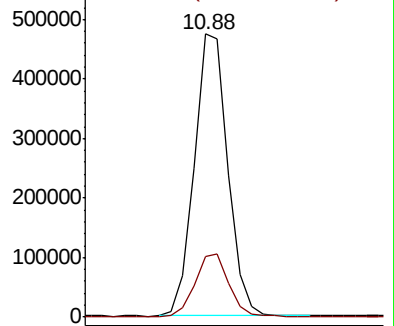
43 100

55 22.1 17.0 25.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#48

t-1,3-Dichloropropene

Concen: 19.134 ug/l

RT: 9.03 min Scan# 1335

Delta R.T. -0.00 min

Lab File: VX015363.D

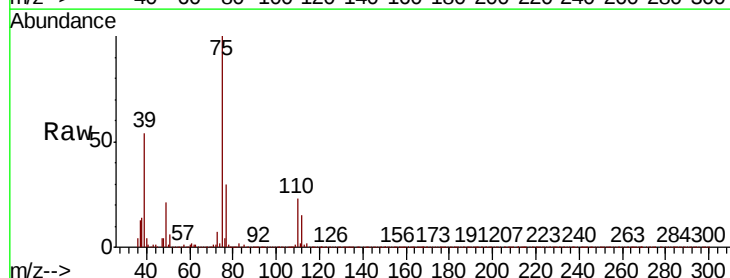
Acq: 26 Mar 2020 18:01

Tgt Ion: 75 Resp: 411207

Ion Ratio Lower Upper

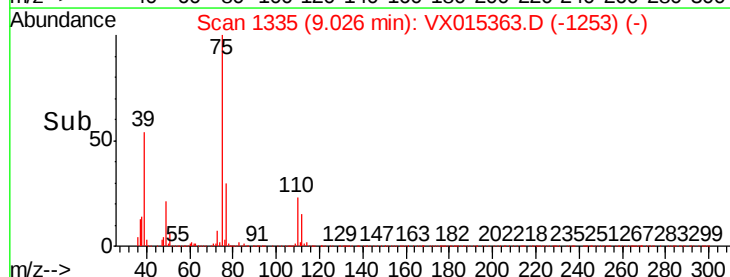
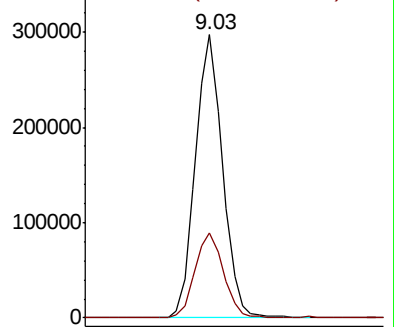
75 100

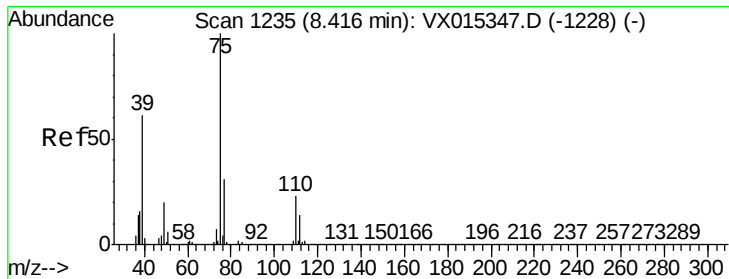
77 29.7 24.6 37.0



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



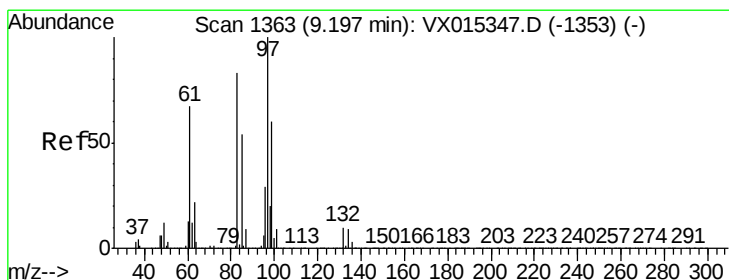
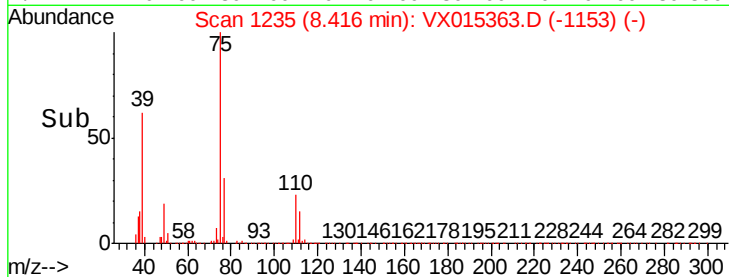
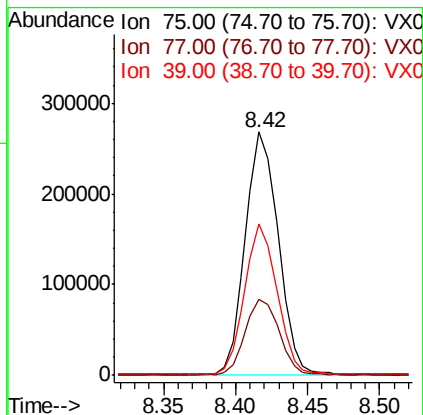
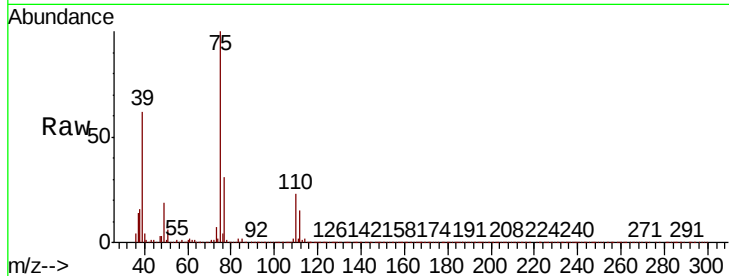


#49

cis-1,3-Dichloropropene
Concen: 19.271 ug/l
RT: 8.42 min Scan# 1235
Delta R.T. -0.00 min
Lab File: VX015363.D
Acq: 26 Mar 2020 18:01

Instrument :
MSVOA_X
ClientSampleId :

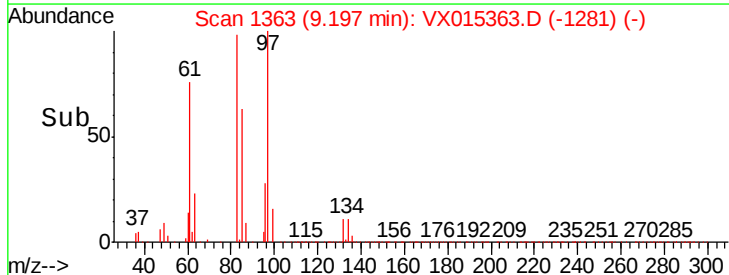
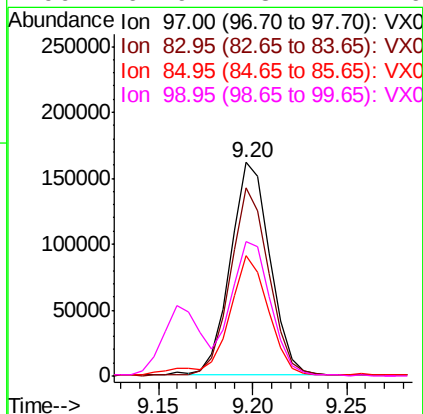
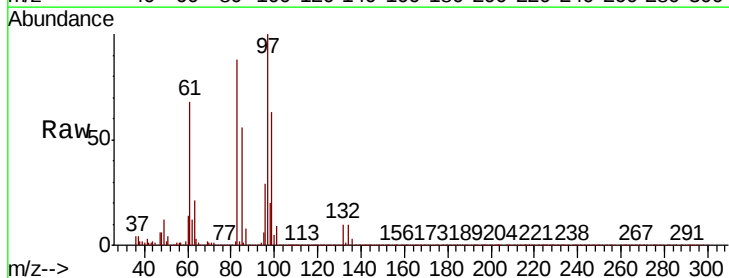
Tot Ion	Ratio	Lower	Upper
75	100		
77	30.8	24.6	36.8
39	61.6	48.9	73.3

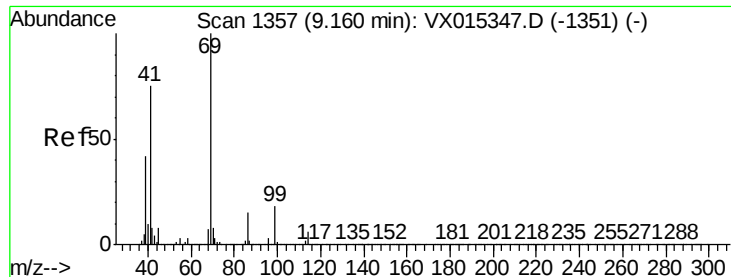


#50

1,1,2-Trichloroethane
Concen: 19.096 ug/l
RT: 9.20 min Scan# 1363
Delta R.T. -0.00 min
Lab File: VX015363.D
Acq: 26 Mar 2020 18:01

Tgt Ion	Ratio	Lower	Upper
97	100		
83	87.7	66.8	100.2
85	56.1	43.3	64.9
99	62.9	48.4	72.6





#51

Ethyl methacrylate

Concen: 19.564 ug/l

RT: 9.16 min Scan# 1357

Delta R.T. -0.00 min

Lab File: VX015363.D

Acq: 26 Mar 2020 18:01

Instrument :

MSVOA_X

ClientSampleId :

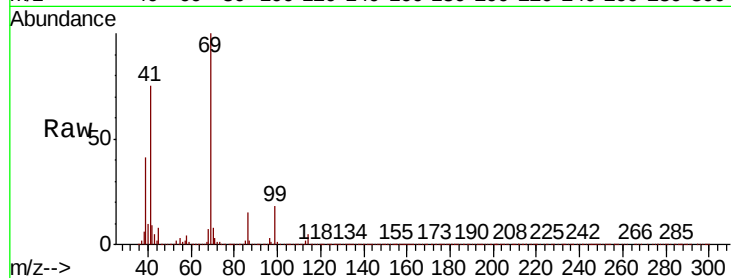
Tot Ion: 69 Resp: 413634

Ion Ratio Lower Upper

69 100

41 74.3 37.4 112.2

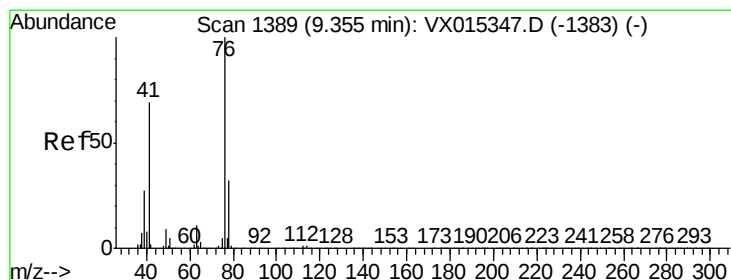
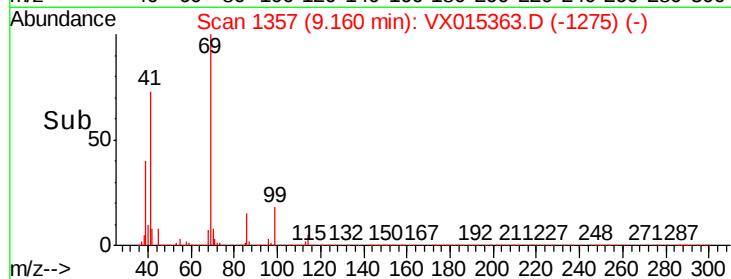
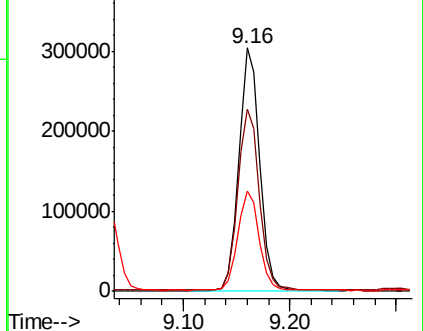
39 40.9 21.1 63.1



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#52

1,3-Dichloropropane

Concen: 19.174 ug/l

RT: 9.36 min Scan# 1389

Delta R.T. -0.00 min

Lab File: VX015363.D

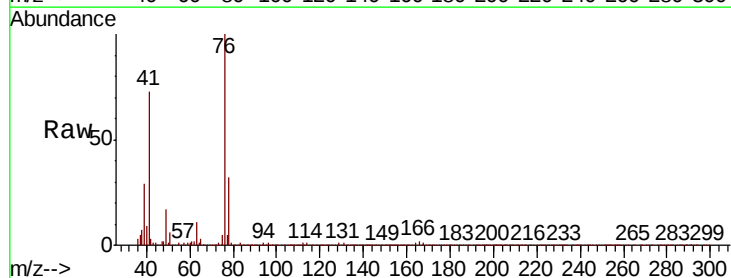
Acq: 26 Mar 2020 18:01

Tgt Ion: 76 Resp: 407121

Ion Ratio Lower Upper

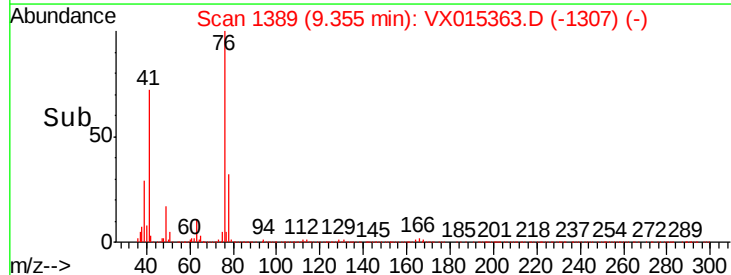
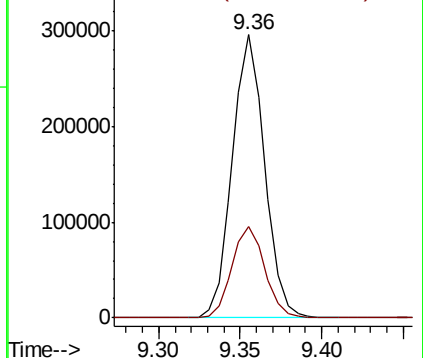
76 100

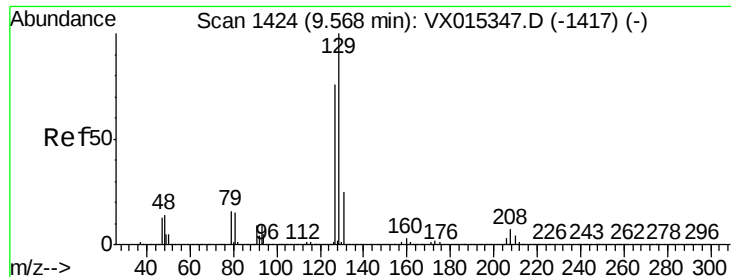
78 32.7 0.0 63.2



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





#53

Dibromochloromethane

Concen: 18.333 ug/l

RT: 9.56 min Scan# 1423

Delta R.T. -0.01 min

Lab File: VX015363.D

Acq: 26 Mar 2020 18:01

Instrument :

MSVOA_X

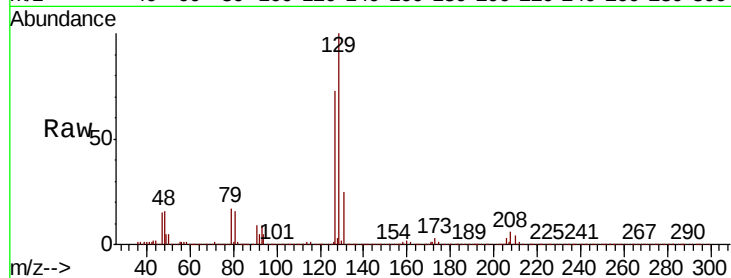
ClientSampleId :

Tot Ion:129 Resp: 277823

Ion Ratio Lower Upper

129 100

127 78.7 38.6 115.7



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

9.56

200000

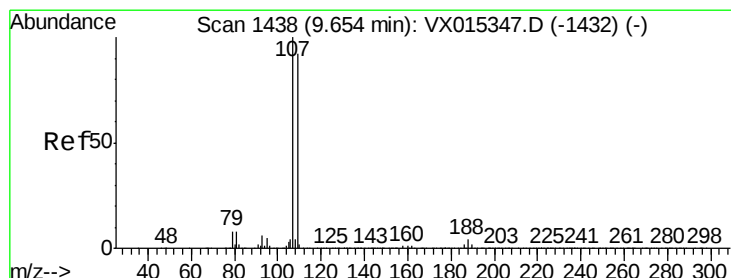
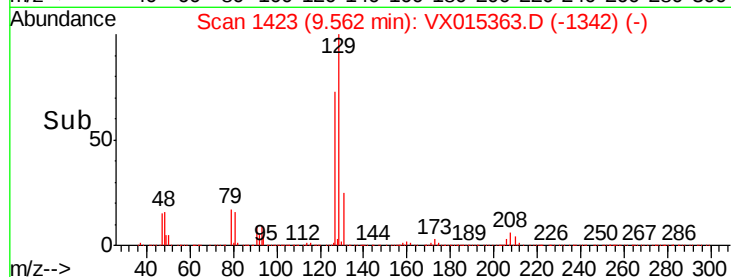
150000

100000

50000

0

Time-->



#54

1,2-Dibromoethane

Concen: 19.383 ug/l

RT: 9.65 min Scan# 1438

Delta R.T. -0.00 min

Lab File: VX015363.D

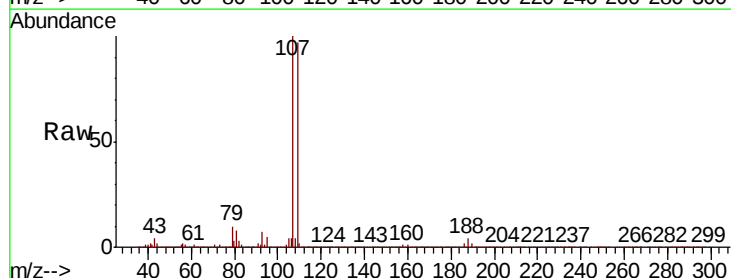
Acq: 26 Mar 2020 18:01

Tgt Ion:107 Resp: 255671

Ion Ratio Lower Upper

107 100

109 94.5 75.0 112.6



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

9.65

200000

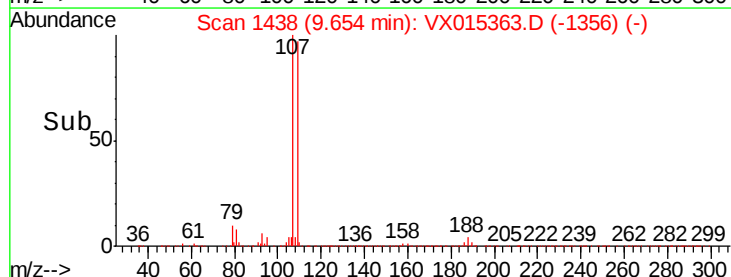
150000

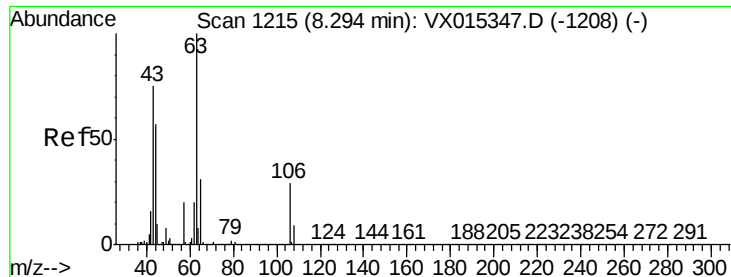
100000

50000

0

Time-->

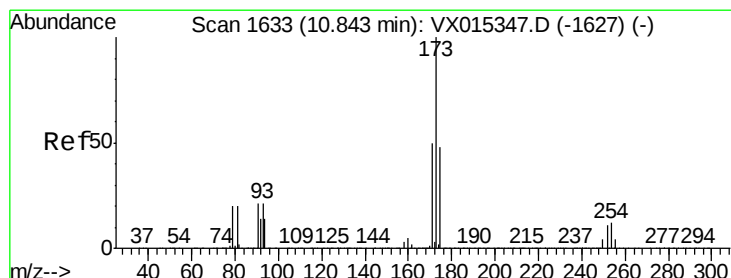
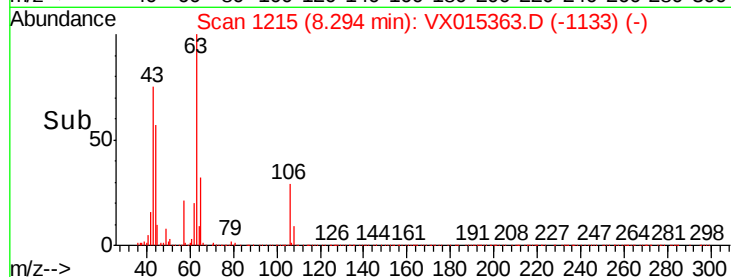
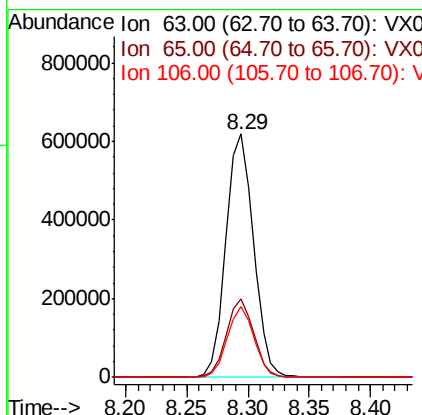
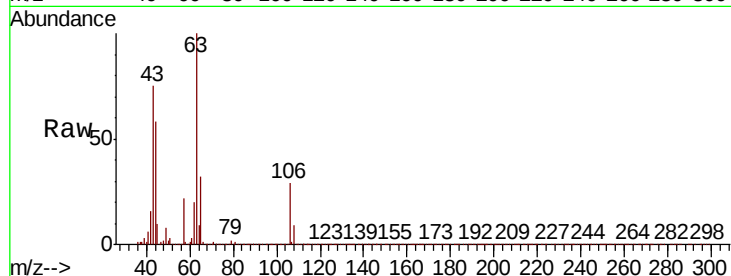




#55
2-Chloroethyl vinyl ether
Concen: 96.816 ug/l
RT: 8.29 min Scan# 1215
Delta R.T. -0.00 min
Lab File: VX015363.D
Acq: 26 Mar 2020 18:01

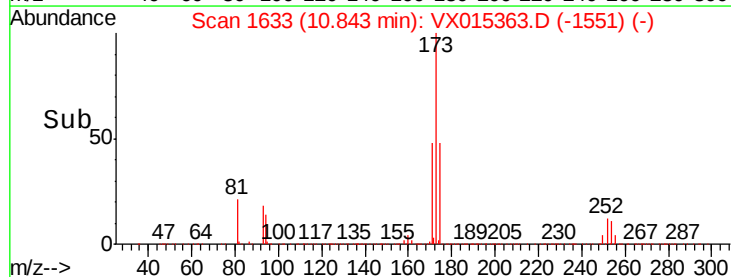
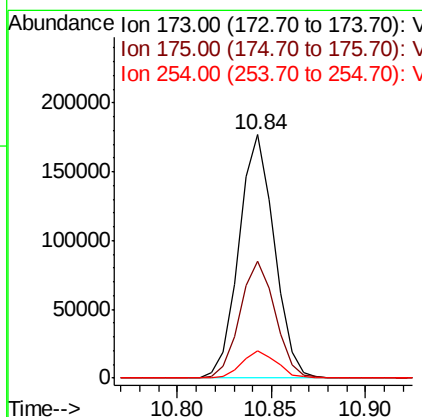
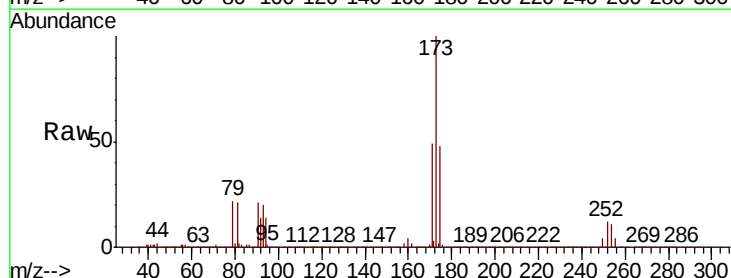
Instrument :
MSVOA_X
ClientSampleId :

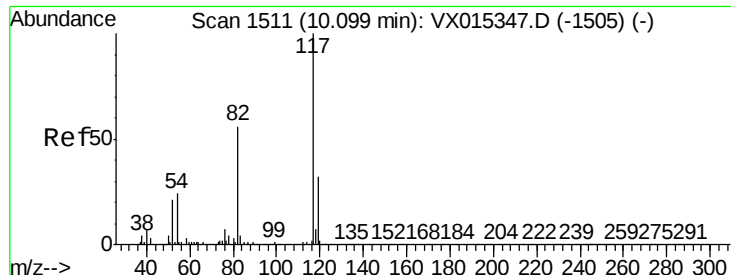
Tot Ion	Ratio	Lower	Upper
63	100		
65	31.9	25.5	38.3
106	28.1	23.1	34.7



#56
Bromoform
Concen: 18.494 ug/l
RT: 10.84 min Scan# 1633
Delta R.T. -0.00 min
Lab File: VX015363.D
Acq: 26 Mar 2020 18:01

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.4	39.0	58.4
254	11.2	9.4	14.2

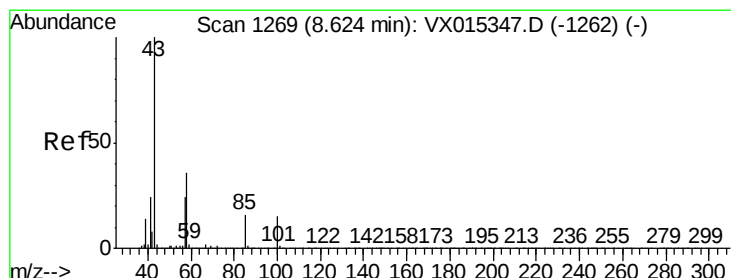
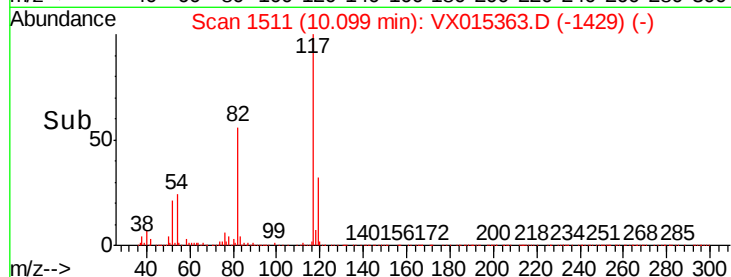
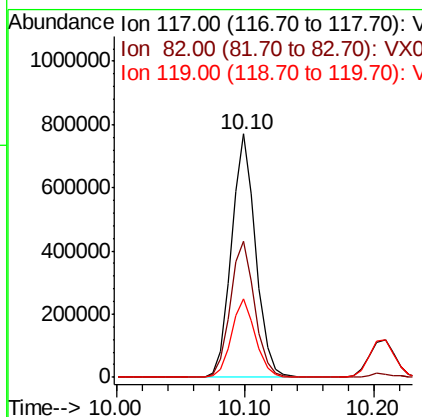
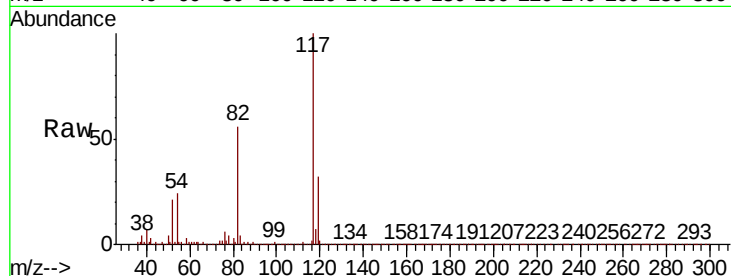




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. -0.00 min
Lab File: VX015363.D
Acq: 26 Mar 2020 18:01

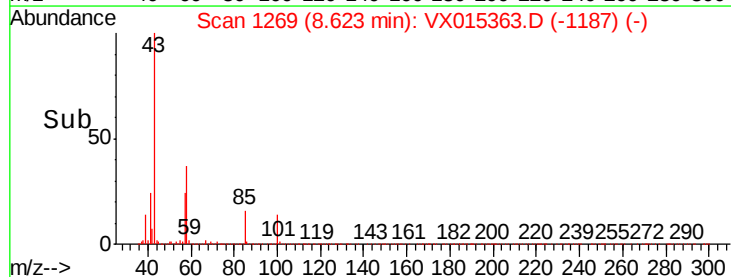
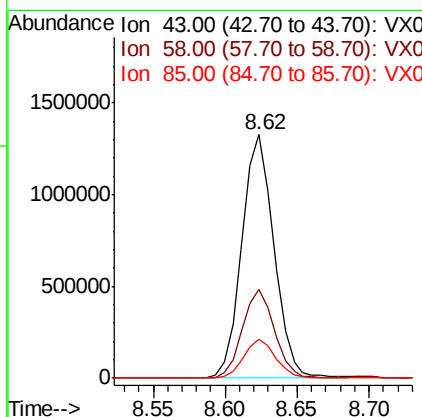
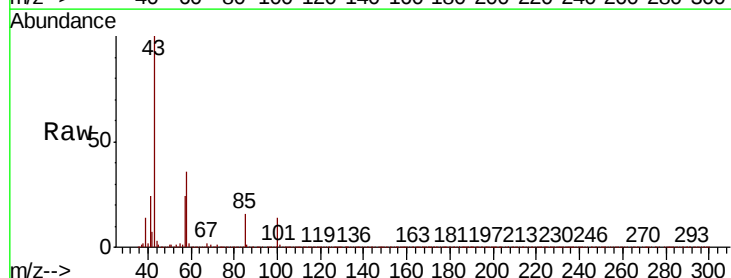
Instrument :
MSVOA_X
ClientSampled :

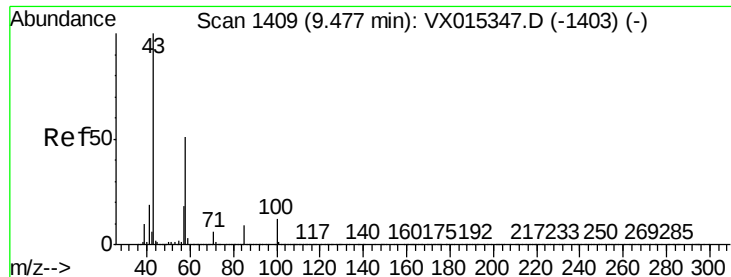
Tot Ion:117 Resp: 1004650
Ion Ratio Lower Upper
117 100
82 56.7 45.0 67.6
119 32.0 25.5 38.3



#58
4-Methyl-2-Pentanone
Concen: 106.151 ug/l
RT: 8.62 min Scan# 1269
Delta R.T. -0.00 min
Lab File: VX015363.D
Acq: 26 Mar 2020 18:01

Tgt Ion: 43 Resp: 2041046
Ion Ratio Lower Upper
43 100
58 36.3 29.4 44.0
85 15.9 13.0 19.4

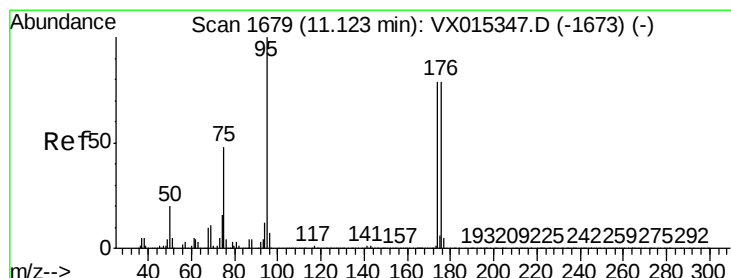
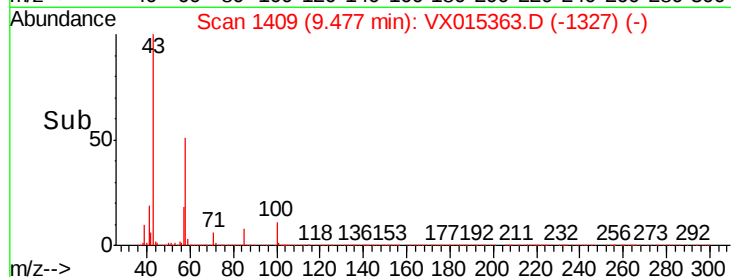
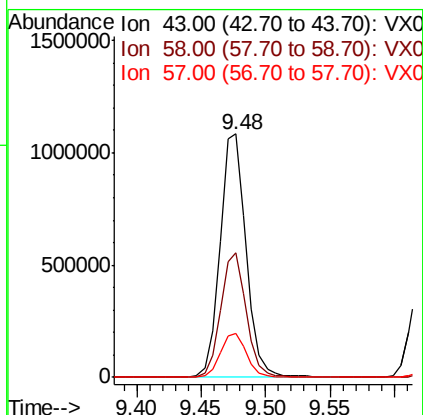
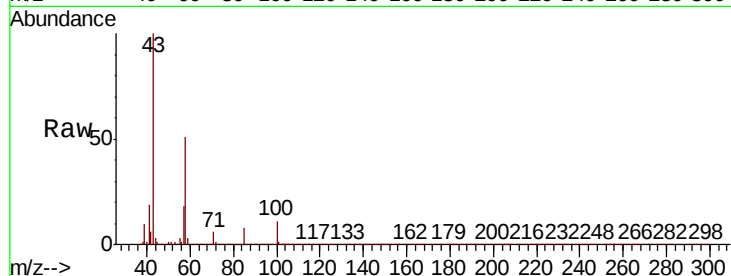




#59
2-Hexanone
Concen: 104.538 ug/l
RT: 9.48 min Scan# 1409
Delta R.T. -0.00 min
Lab File: VX015363.D
Acq: 26 Mar 2020 18:01

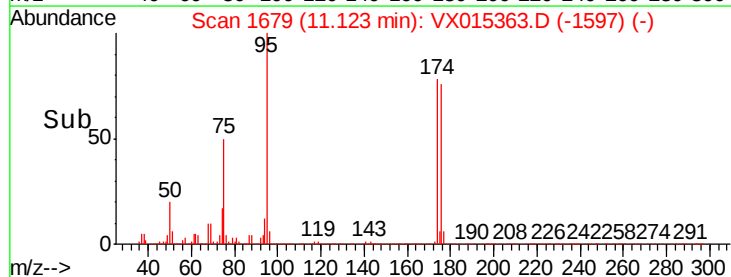
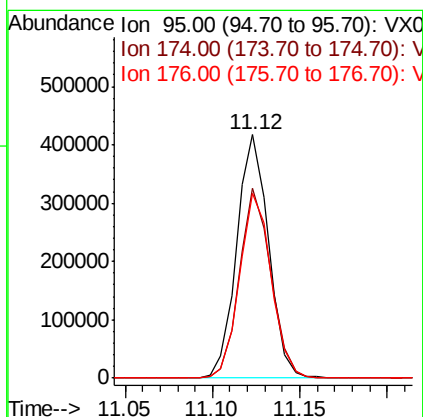
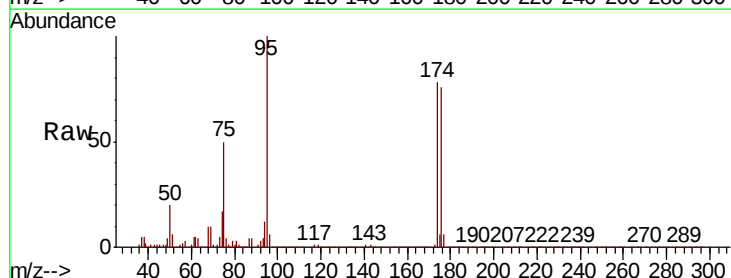
Instrument :
MSVOA_X
ClientSampleId :

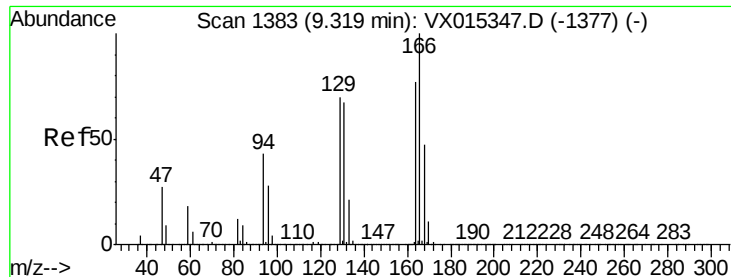
Tot Ion: 43 Resp: 1529160
Ion Ratio Lower Upper
43 100
58 50.4 40.2 60.4
57 18.2 14.6 22.0



#60
4-Bromofluorobenzene
Concen: 30.597 ug/l
RT: 11.12 min Scan# 1679
Delta R.T. -0.00 min
Lab File: VX015363.D
Acq: 26 Mar 2020 18:01

Tgt Ion: 95 Resp: 526065
Ion Ratio Lower Upper
95 100
174 77.6 66.4 99.6
176 76.0 64.1 96.1

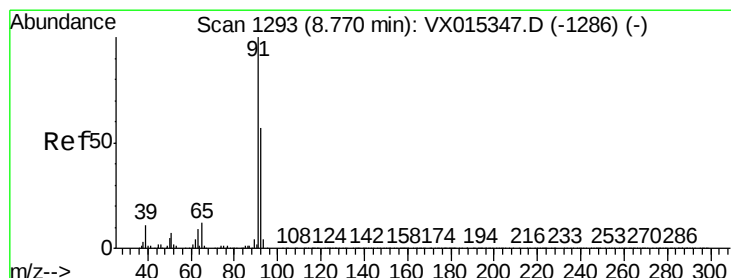
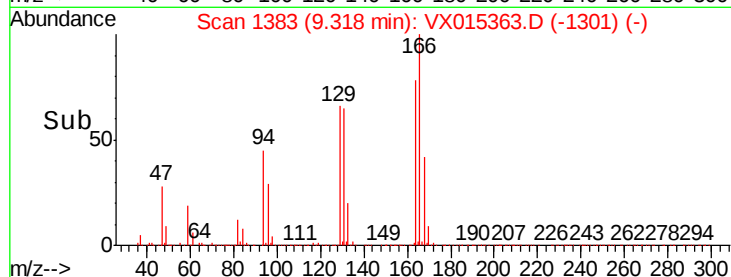
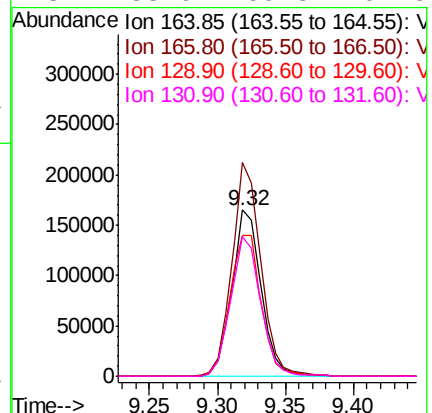
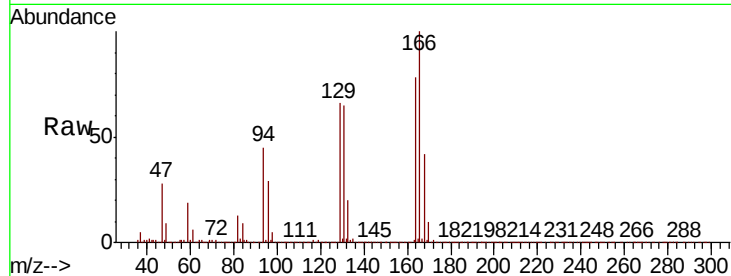




#61
Tetrachloroethene
Concen: 19.152 ug/l
RT: 9.32 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX015363.D
Acq: 26 Mar 2020 18:01

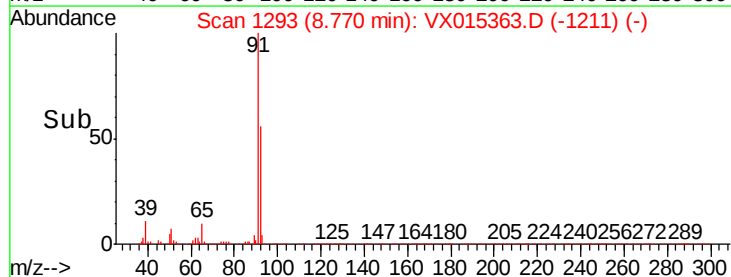
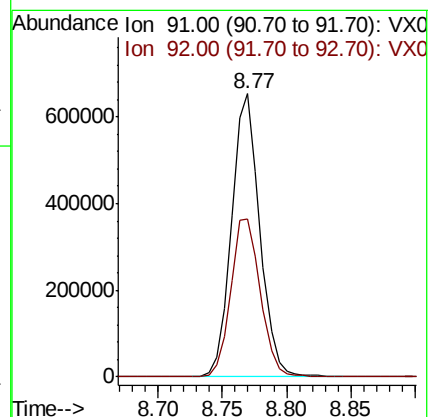
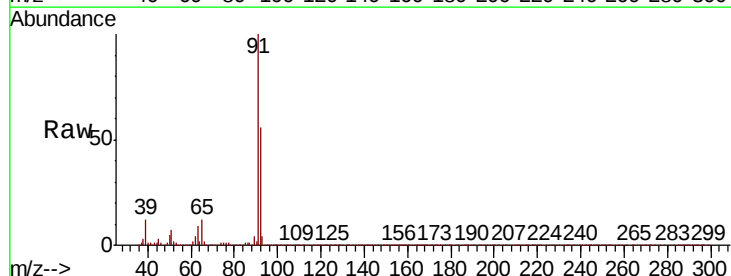
Instrument :
MSVOA_X
ClientSampleId :

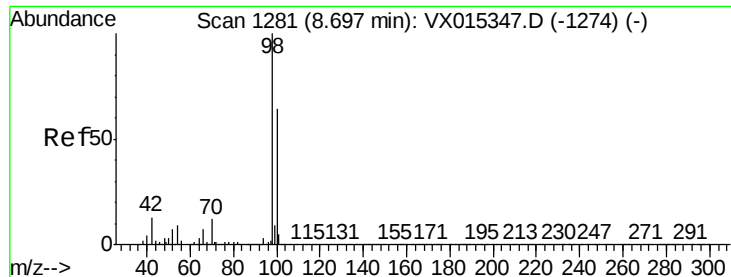
Tot Ion	Ratio	Lower	Upper
164	100		
166	128.5	103.6	155.4
129	84.3	72.6	108.8
131	83.9	69.8	104.6



#62
Toluene
Concen: 19.626 ug/l
RT: 8.77 min Scan# 1293
Delta R.T. -0.00 min
Lab File: VX015363.D
Acq: 26 Mar 2020 18:01

Tgt Ion	Ratio	Lower	Upper
91	100		
92	58.8	46.7	70.1





#63

Toluene-d8

Concen: 30.560 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. -0.00 min

Lab File: VX015363.D

Acq: 26 Mar 2020 18:01

Instrument :

MSVOA_X

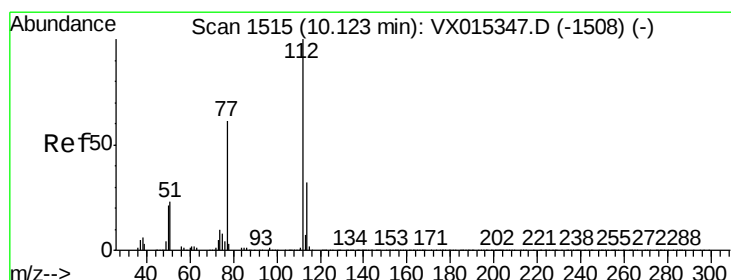
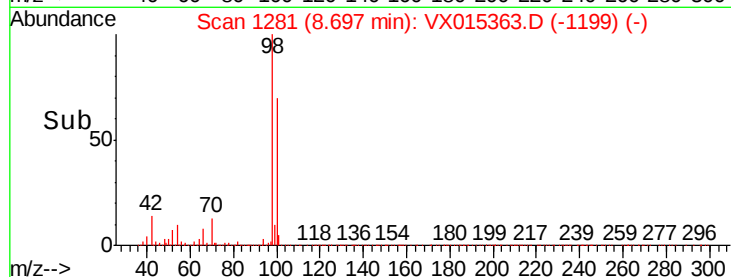
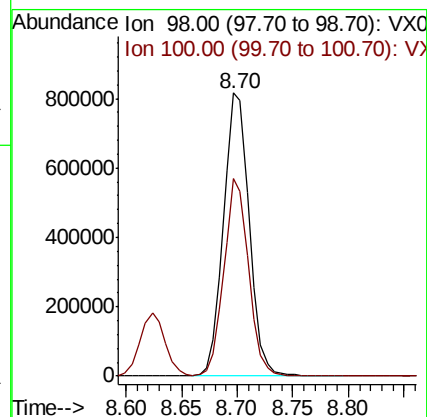
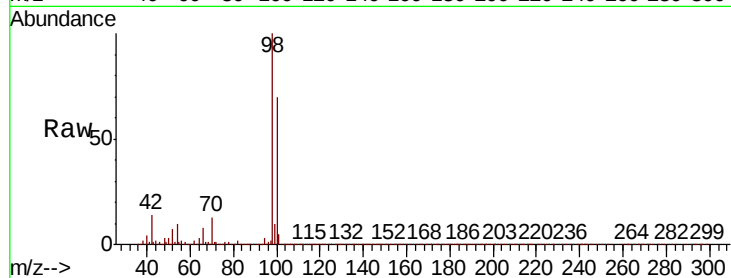
ClientSampleId :

Tot Ion: 98 Resp: 1304429

Ion Ratio Lower Upper

98 100

100 66.7 52.2 78.2



#64

Chlorobenzene

Concen: 19.325 ug/l

RT: 10.12 min Scan# 1515

Delta R.T. -0.00 min

Lab File: VX015363.D

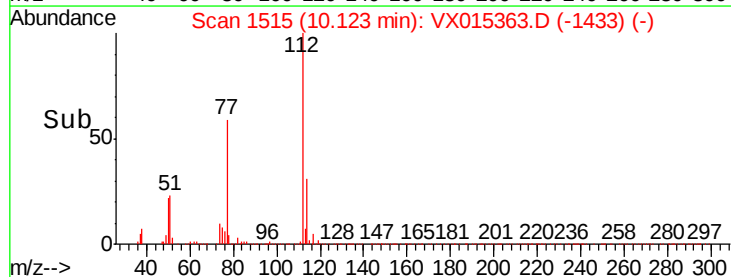
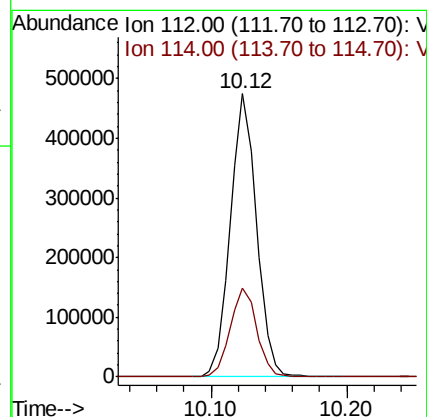
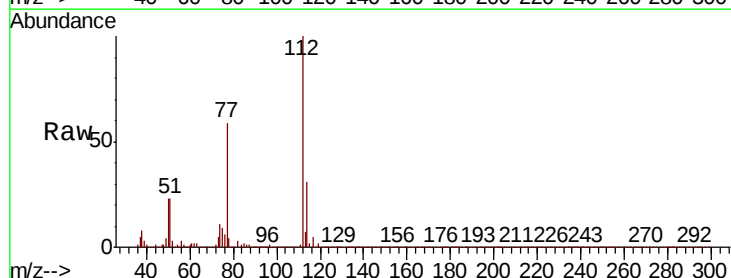
Acq: 26 Mar 2020 18:01

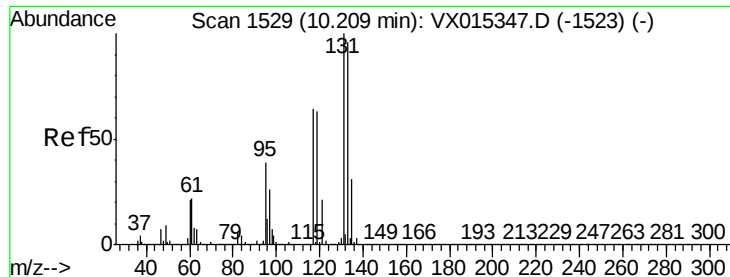
Tgt Ion: 112 Resp: 632267

Ion Ratio Lower Upper

112 100

114 31.2 25.8 38.8





#65

1,1,1,2-Tetrachloroethane

Concen: 18.911 ug/l

RT: 10.21 min Scan# 1529

Delta R.T. -0.00 min

Lab File: VX015363.D

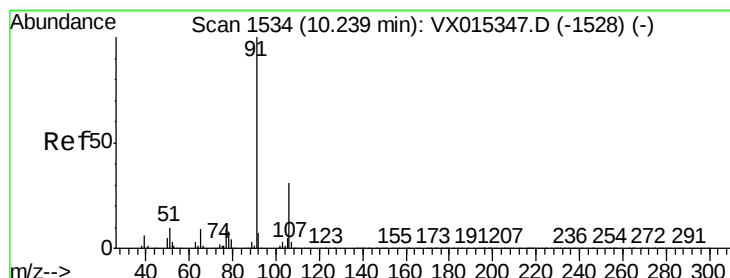
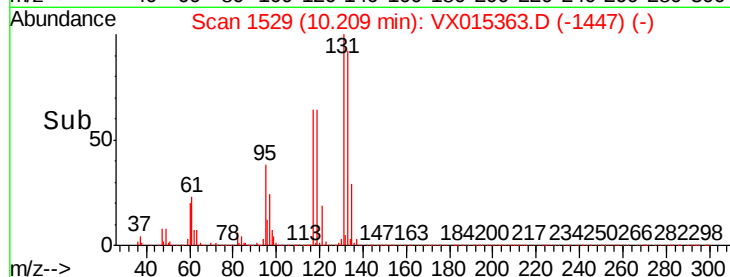
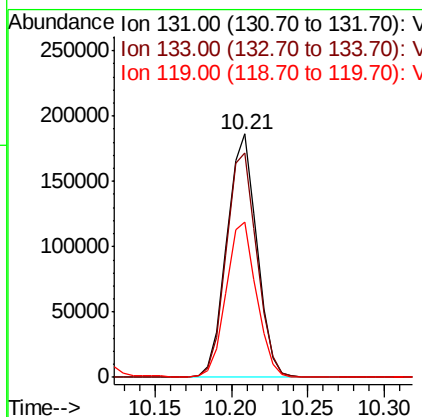
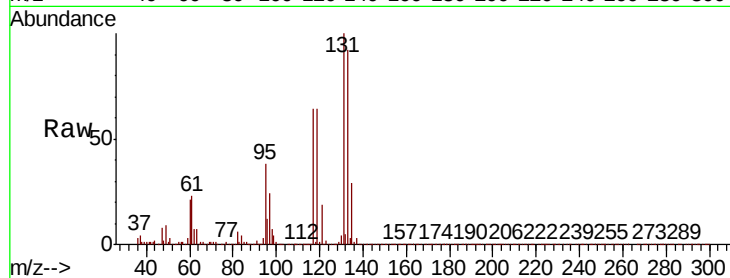
Acq: 26 Mar 2020 18:01

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion:	131	Resp:	252831
Ion	Ratio	Lower	Upper
131	100		
133	94.3	0.0	193.6
119	64.5	0.0	128.0



#66

Ethyl Benzene

Concen: 19.796 ug/l

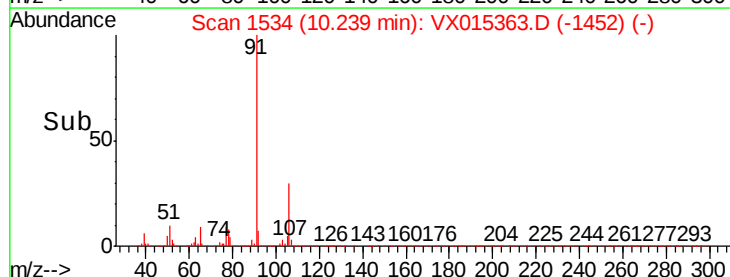
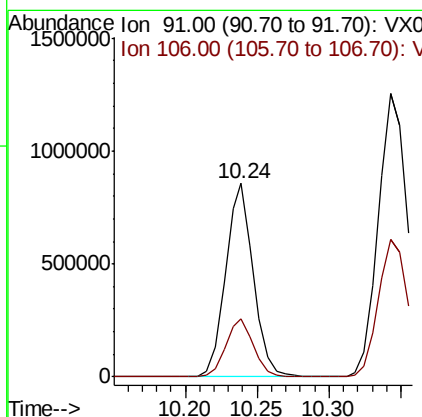
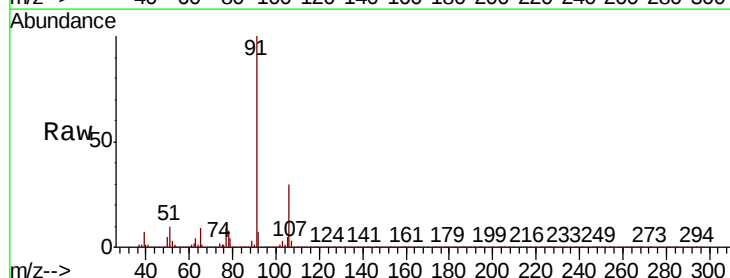
RT: 10.24 min Scan# 1534

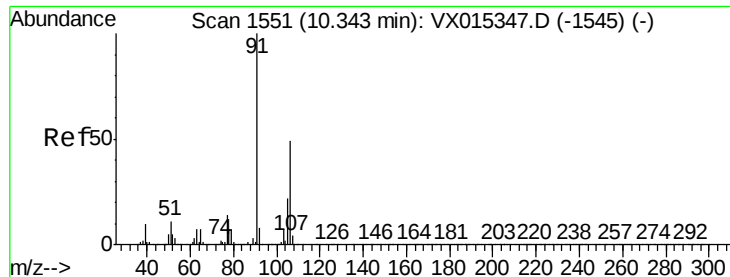
Delta R.T. -0.00 min

Lab File: VX015363.D

Acq: 26 Mar 2020 18:01

Tgt Ion:	91	Resp:	1150779
Ion	Ratio	Lower	Upper
91	100		
106	30.3	25.0	37.6

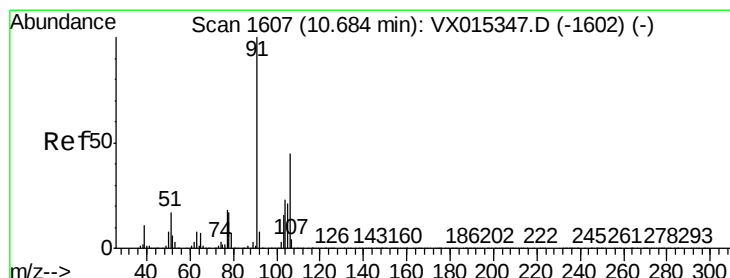
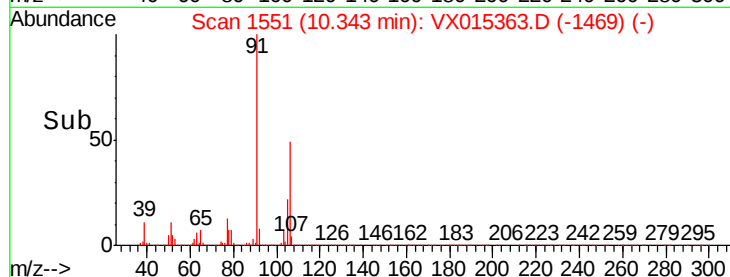
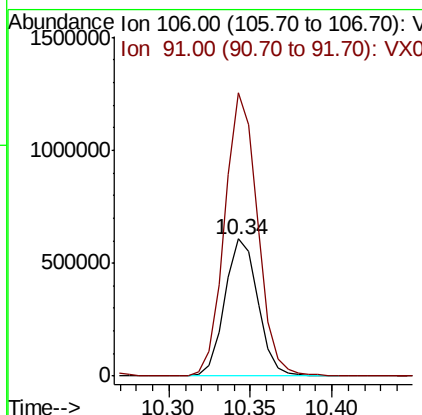
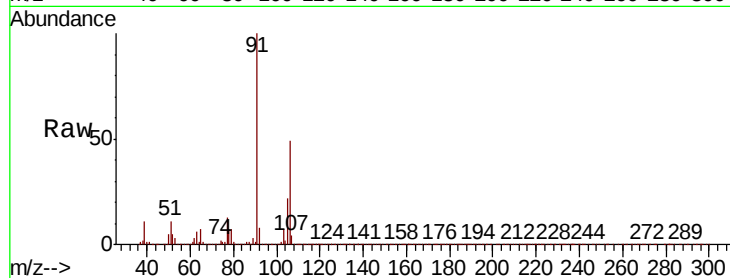




#67
m/p-Xylenes
Concen: 38.944 ug/l
RT: 10.34 min Scan# 1551
Delta R.T. -0.00 min
Lab File: VX015363.D
Acq: 26 Mar 2020 18:01

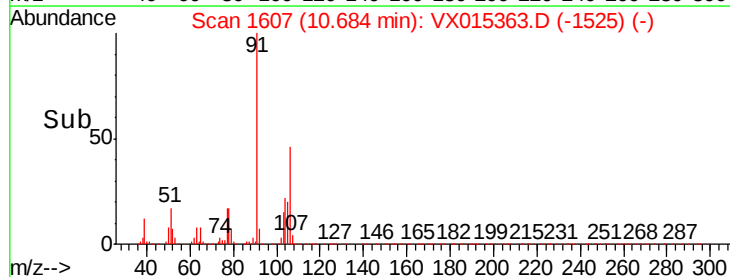
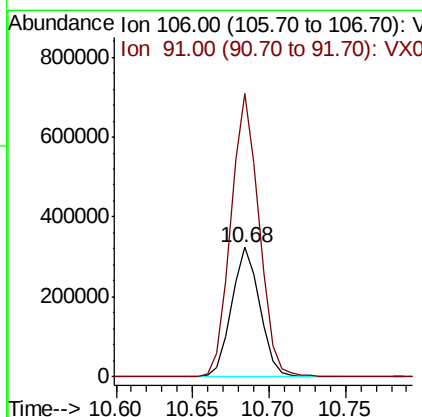
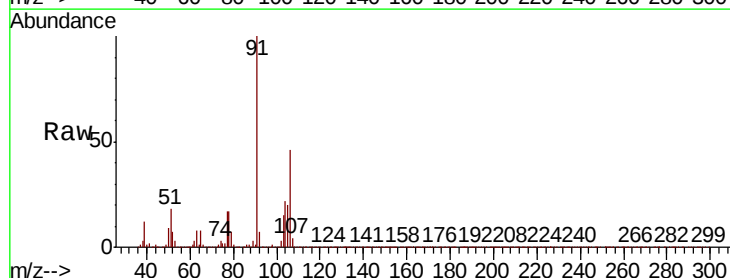
Instrument :
MSVOA_X
ClientSampleId :

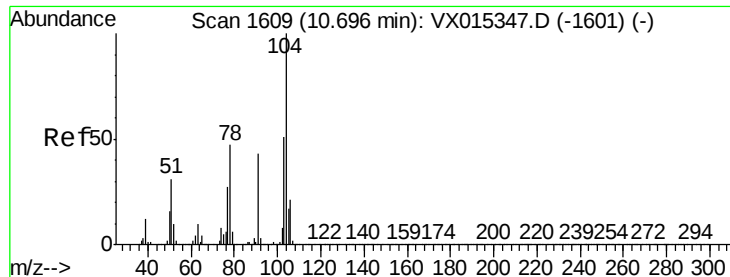
Tot Ion:106 Resp: 856878
Ion Ratio Lower Upper
106 100
91 205.0 165.0 247.4



#68
o-Xylene
Concen: 19.292 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. -0.00 min
Lab File: VX015363.D
Acq: 26 Mar 2020 18:01

Tgt Ion:106 Resp: 414894
Ion Ratio Lower Upper
106 100
91 217.3 109.1 327.2

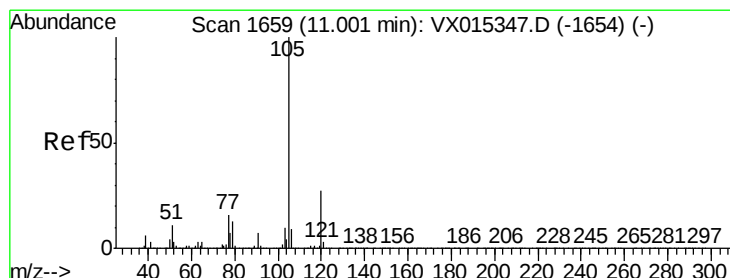
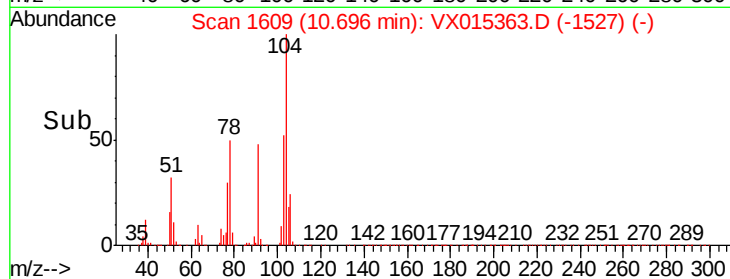
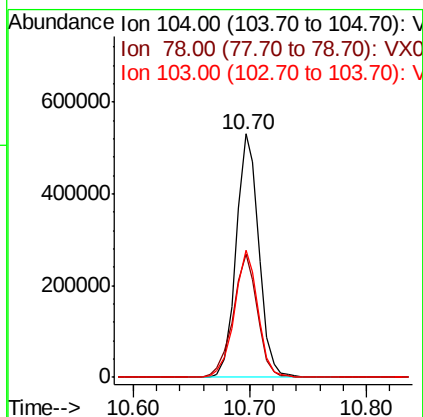
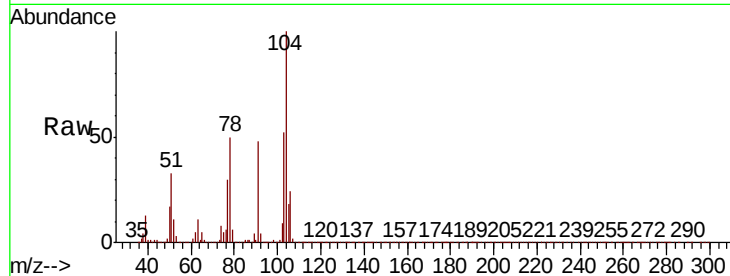




#69
Stvrene
Concen: 19.170 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX015363.D
Acq: 26 Mar 2020 18:01

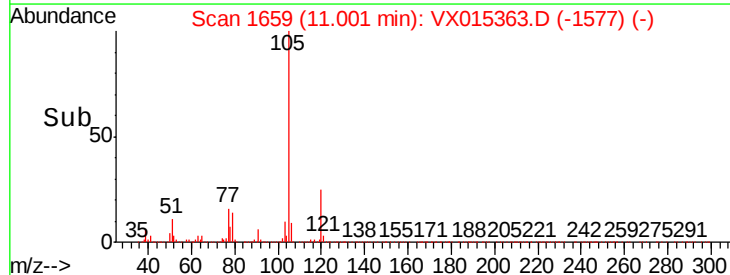
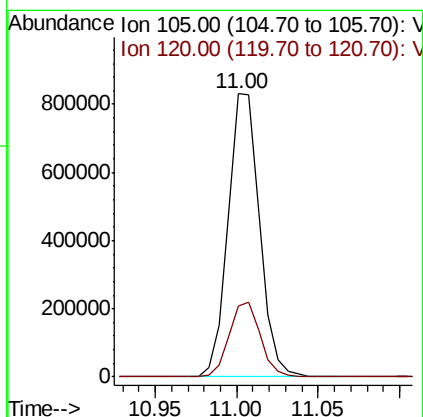
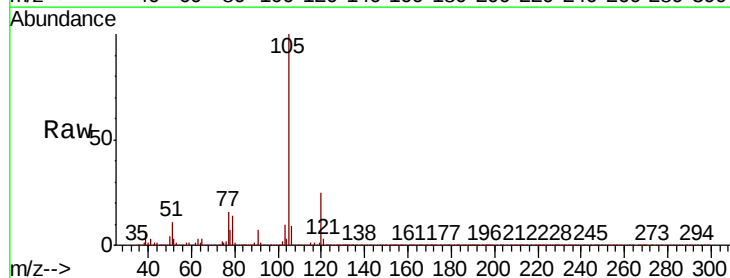
Instrument :
MSVOA_X
ClientSampleId :

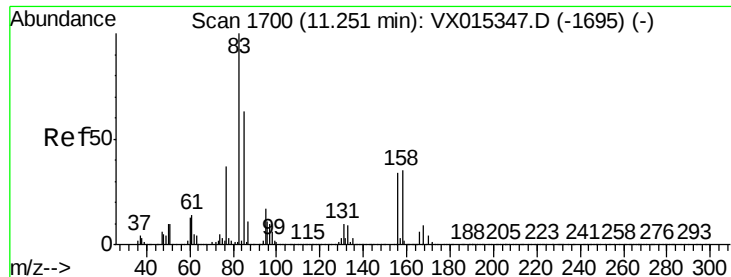
Tot Ion	Ratio	Lower	Upper
104	100		
78	53.8	41.5	62.3
103	54.1	43.4	65.2



#70
Isopropylbenzene
Concen: 19.542 ug/l
RT: 11.00 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX015363.D
Acq: 26 Mar 2020 18:01

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.2	18.8	34.8





#71

1,1,2,2-Tetrachloroethane

Concen: 19.750 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX015363.D

Acq: 26 Mar 2020 18:01

Instrument :

MSVOA_X

ClientSampleId :

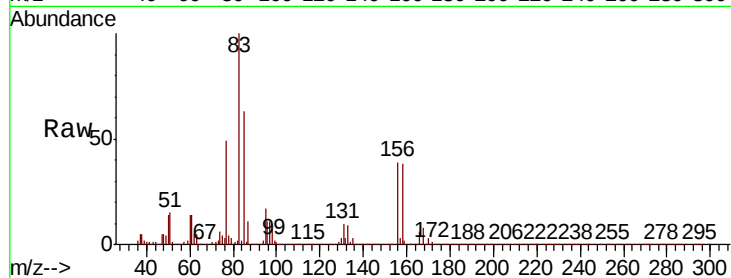
Tot Ion: 83 Resp: 364948

Ion Ratio Lower Upper

83 100

131 11.0 5.3 15.9

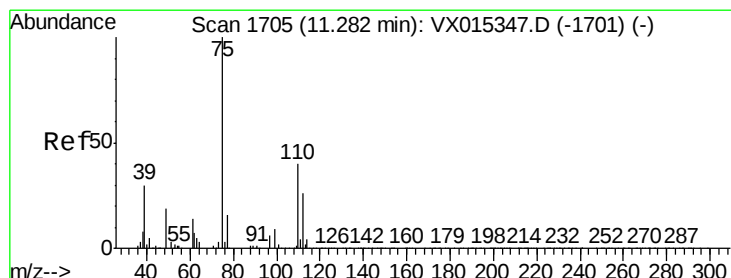
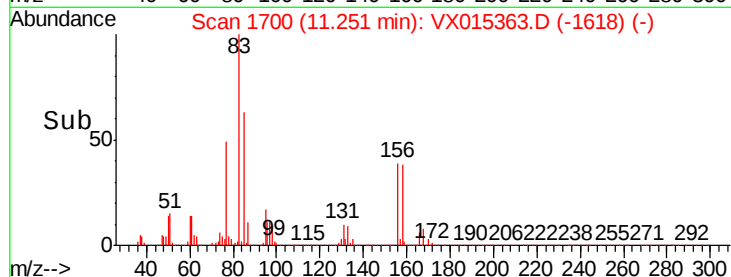
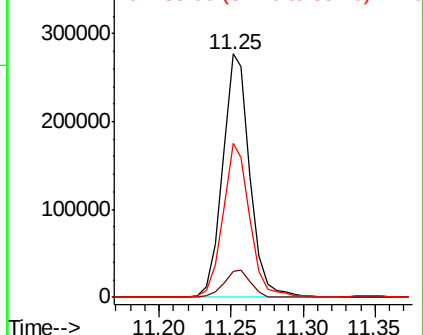
85 62.4 32.0 96.2



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VX0



#72

1,2,3-Trichloropropane

Concen: 26.173 ug/l

RT: 11.28 min Scan# 1705

Delta R.T. -0.00 min

Lab File: VX015363.D

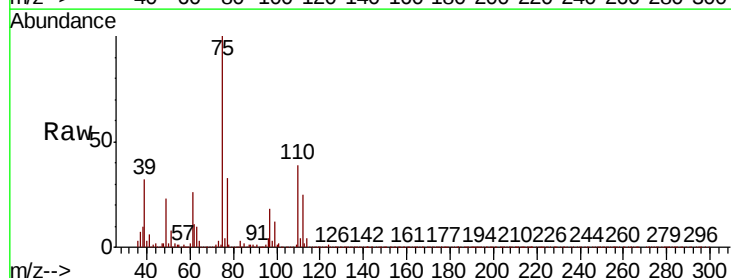
Acq: 26 Mar 2020 18:01

Tgt Ion: 75 Resp: 452546

Ion Ratio Lower Upper

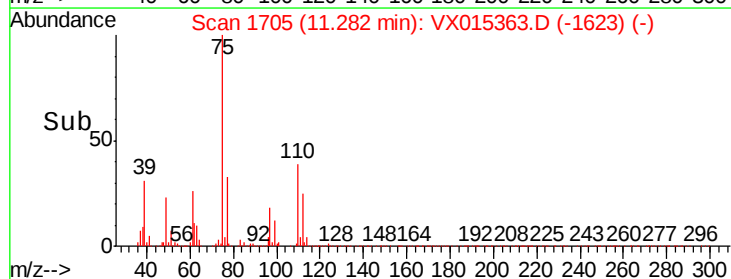
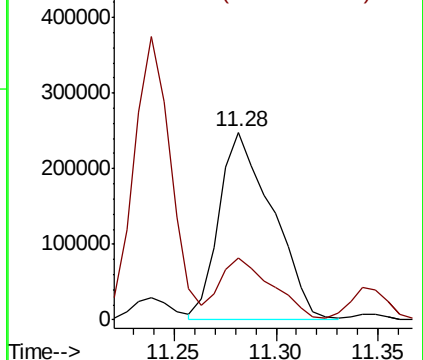
75 100

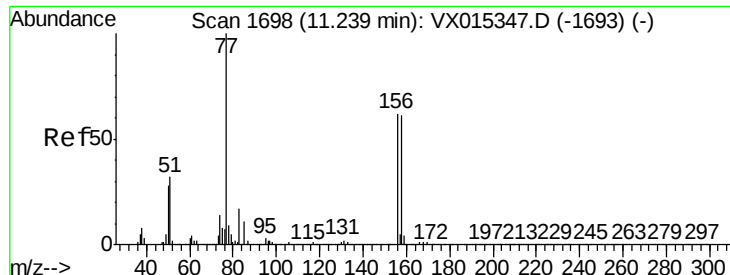
77 30.0 0.0 80.0



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#73

Bromobenzene

Concen: 18.912 ug/l

RT: 11.24 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX015363.D

Acq: 26 Mar 2020 18:01

Instrument :

MSVOA_X

ClientSampleId :

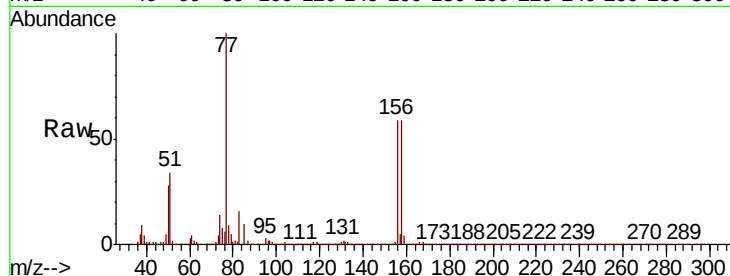
Tot Ion:156 Resp: 289442

Ion Ratio Lower Upper

156 100

77 162.3 0.0 324.4

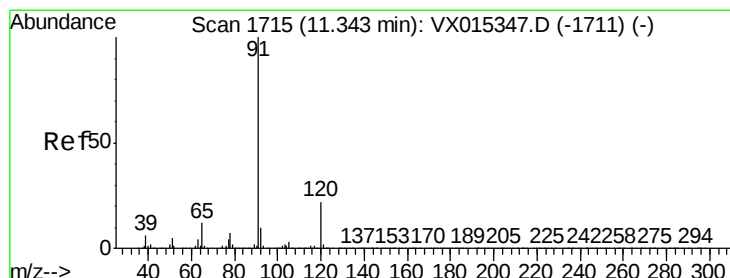
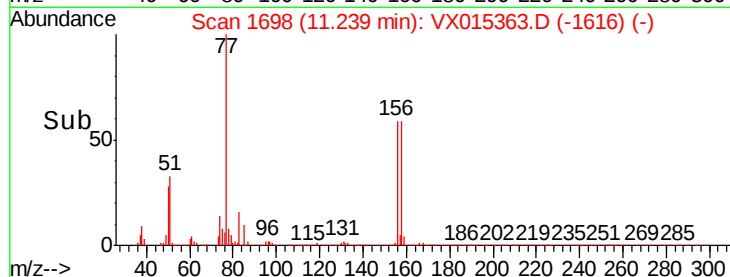
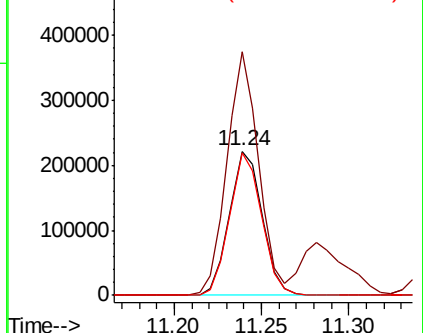
158 97.1 0.0 200.0



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 19.549 ug/l

RT: 11.34 min Scan# 1715

Delta R.T. -0.00 min

Lab File: VX015363.D

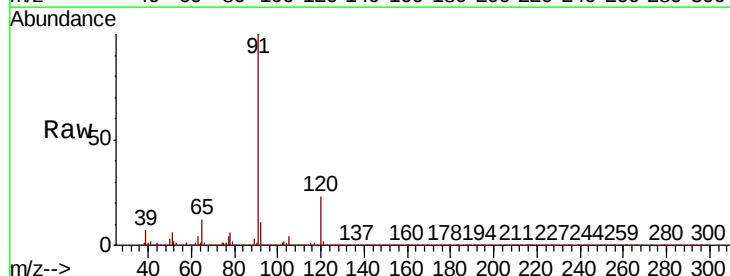
Acq: 26 Mar 2020 18:01

Tgt Ion: 91 Resp: 1278373

Ion Ratio Lower Upper

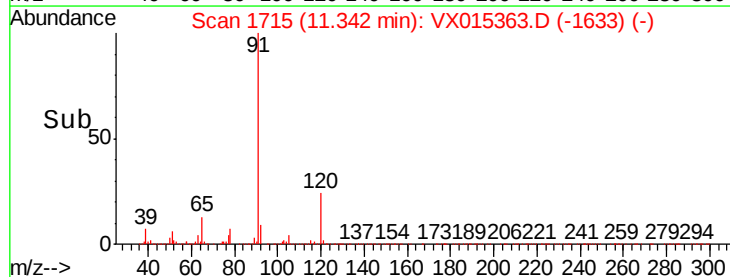
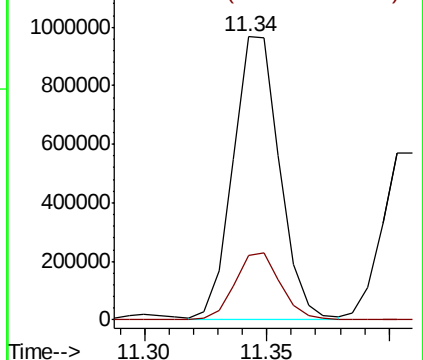
91 100

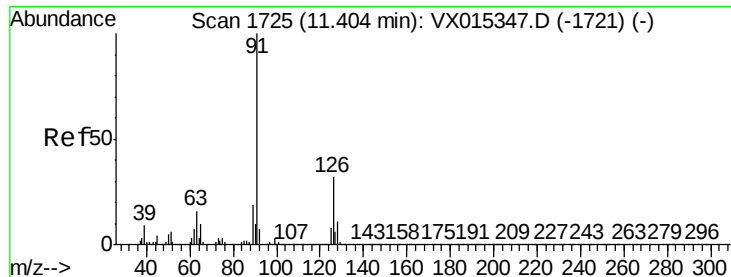
120 23.0 0.0 46.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 19.488 ug/l

RT: 11.40 min Scan# 1725

Delta R.T. -0.00 min

Lab File: VX015363.D

Acq: 26 Mar 2020 18:01

Instrument :

MSVOA_X

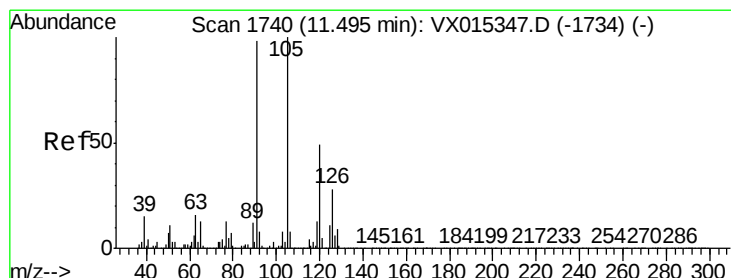
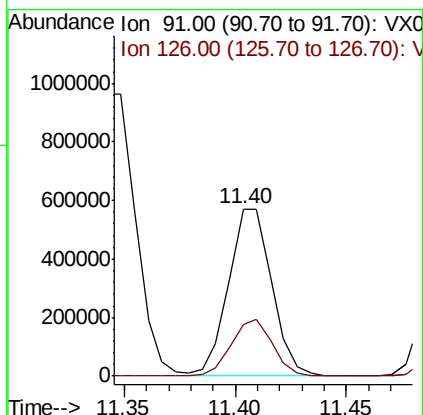
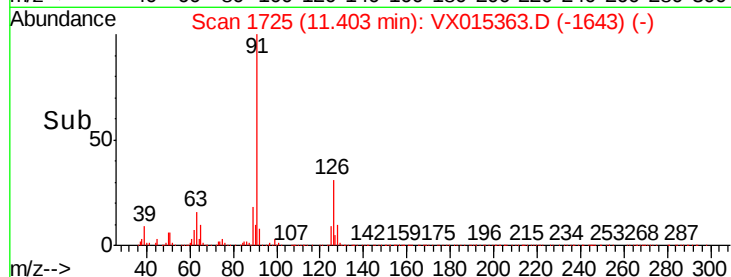
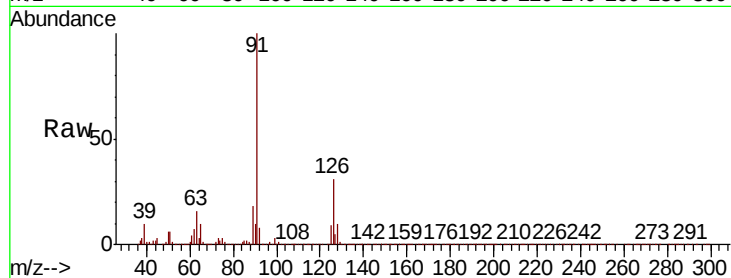
ClientSampleId :

Tot Ion: 91 Resp: 775083

Ion Ratio Lower Upper

91 100

126 32.9 0.0 65.2



#76

1,3,5-Trimethylbenzene

Concen: 19.438 ug/l

RT: 11.49 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VX015363.D

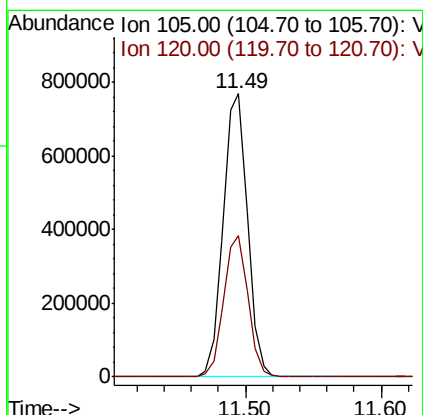
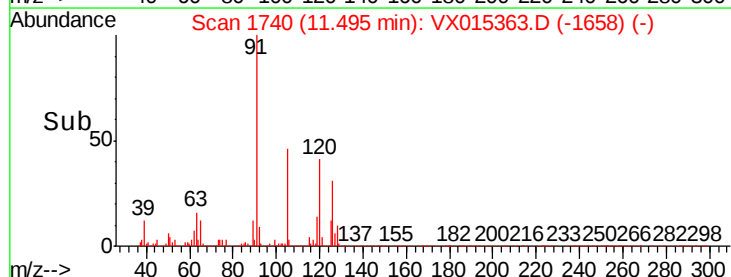
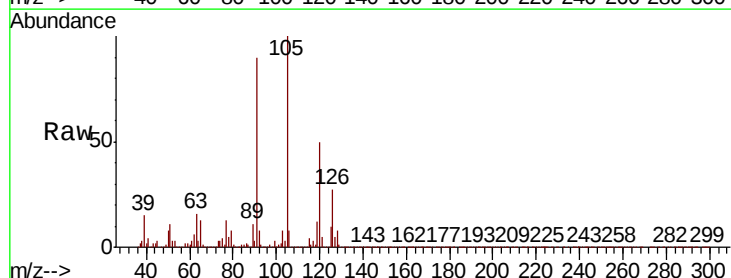
Acq: 26 Mar 2020 18:01

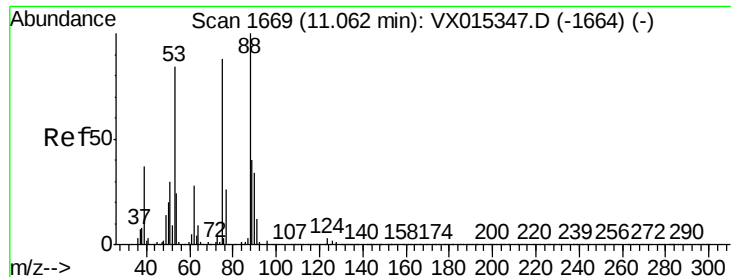
Tgt Ion: 105 Resp: 951704

Ion Ratio Lower Upper

105 100

120 49.6 0.0 98.0

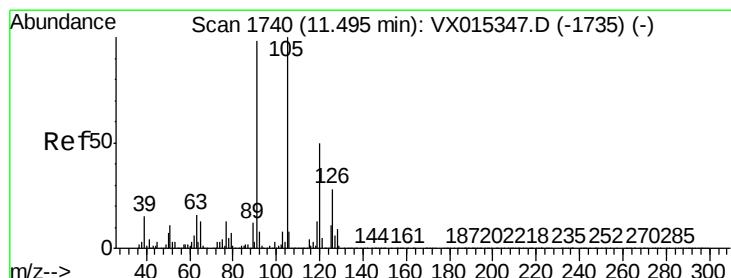
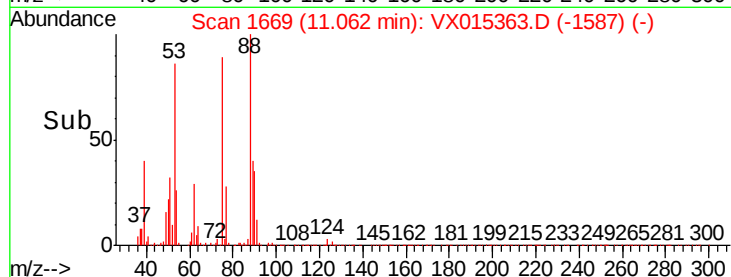
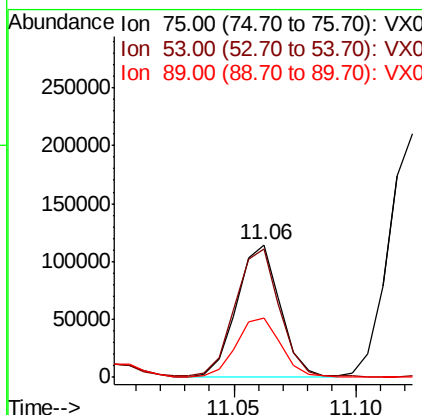
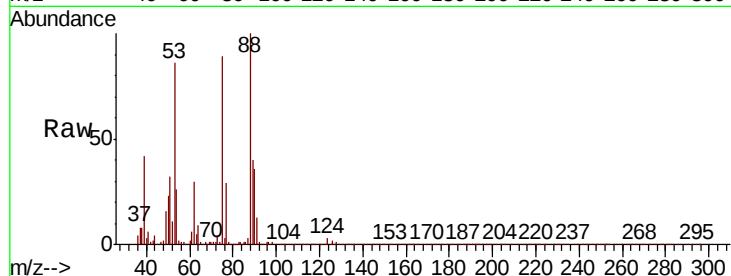




#77
t-1,4-Dichloro-2-butene
Concen: 18.891 ug/l
RT: 11.06 min Scan# 1669
Delta R.T. -0.00 min
Lab File: VX015363.D
Acq: 26 Mar 2020 18:01

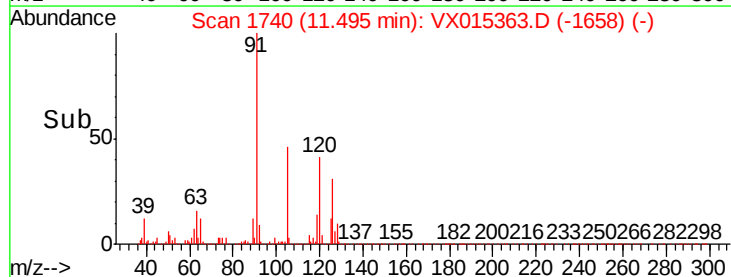
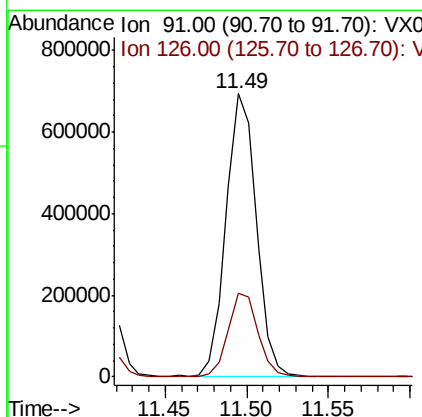
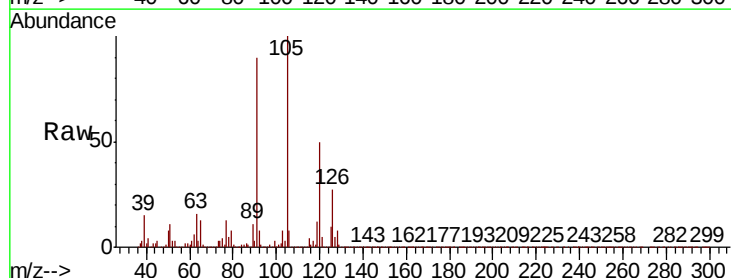
Instrument :
MSVOA_X
ClientSampleId :

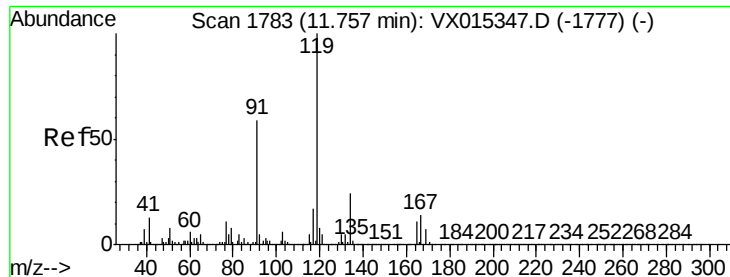
Tot Ion	Ratio	Lower	Upper
75	100		
53	96.8	47.5	142.6
89	44.8	22.8	68.3



#78
4-Chlorotoluene
Concen: 19.478 ug/l
RT: 11.49 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VX015363.D
Acq: 26 Mar 2020 18:01

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.3	0.0	57.8





#79

tert-butylbenzene

Concen: 18.679 ug/l

RT: 11.76 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX015363.D

Acq: 26 Mar 2020 18:01

Instrument :

MSVOA_X

ClientSampled :

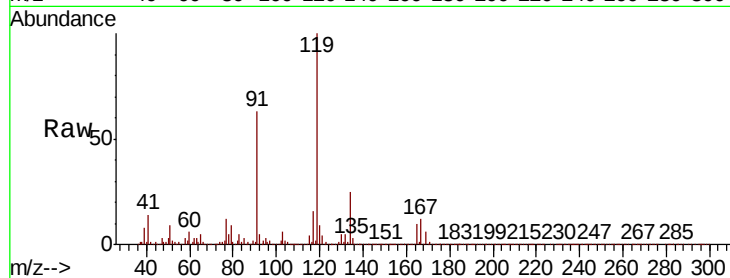
Tot Ion:119 Resp: 914024

Ion Ratio Lower Upper

119 100

91 59.1 0.0 115.8

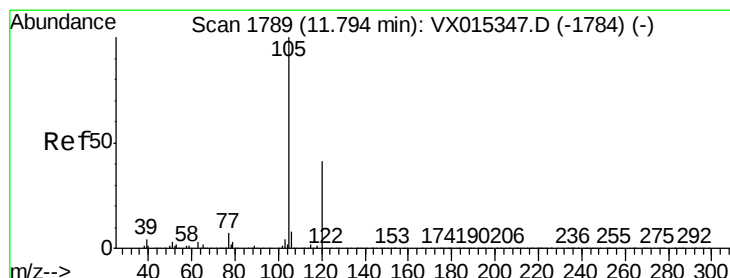
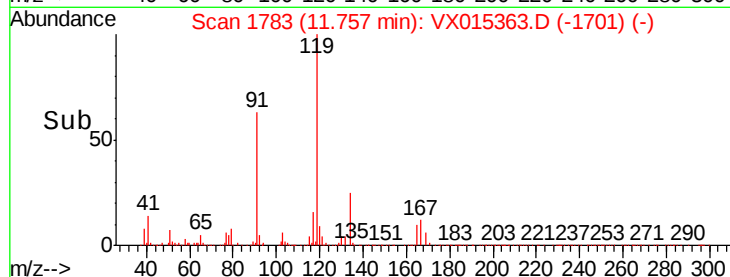
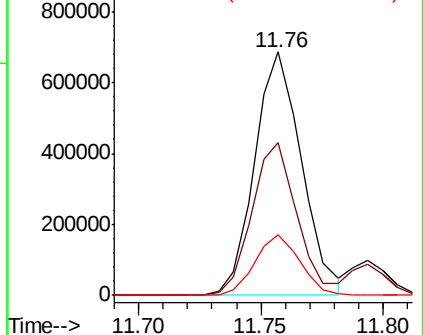
134 23.7 0.0 47.0



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



#80

1,2,4-Trimethylbenzene

Concen: 19.238 ug/l

RT: 11.79 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX015363.D

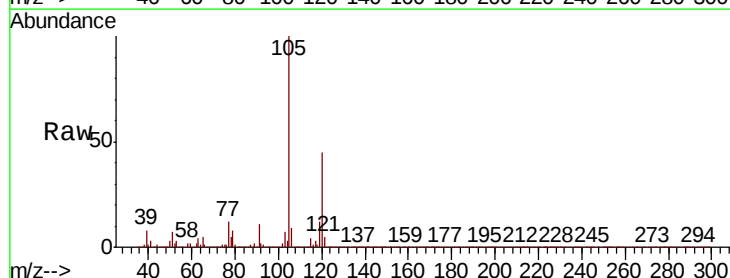
Acq: 26 Mar 2020 18:01

Tgt Ion:105 Resp: 954172

Ion Ratio Lower Upper

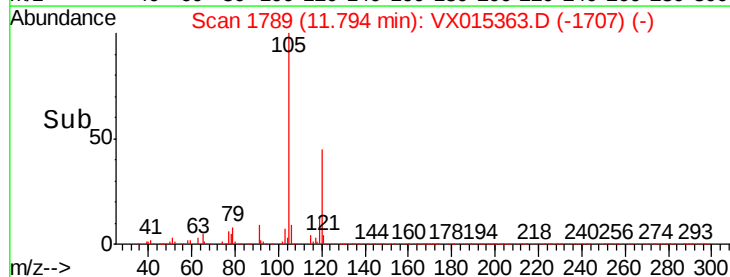
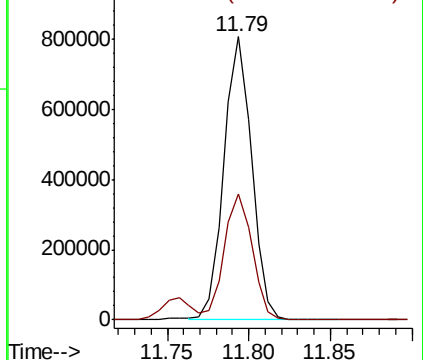
105 100

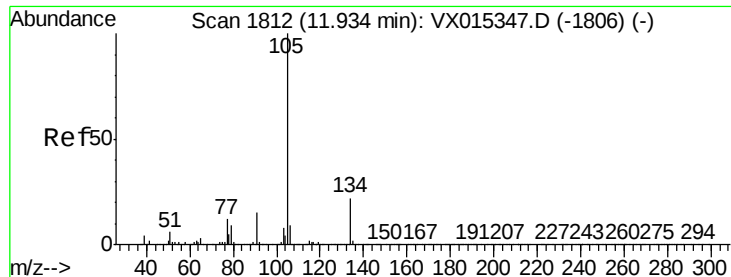
120 45.1 0.0 91.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

sec-Butylbenzene

Concen: 19.244 ug/l

RT: 11.93 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VX015363.D

Acq: 26 Mar 2020 18:01

Instrument :

MSVOA_X

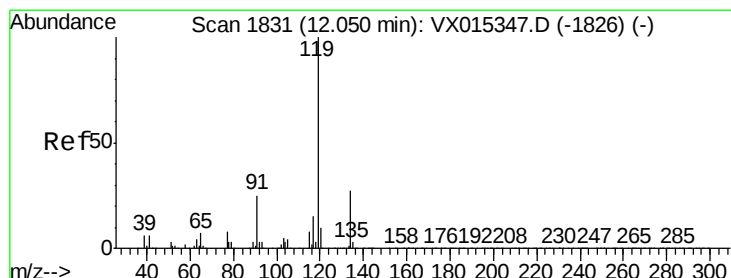
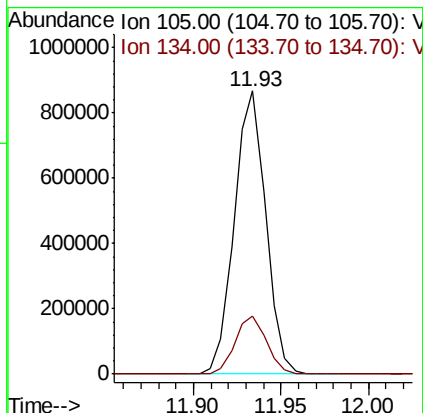
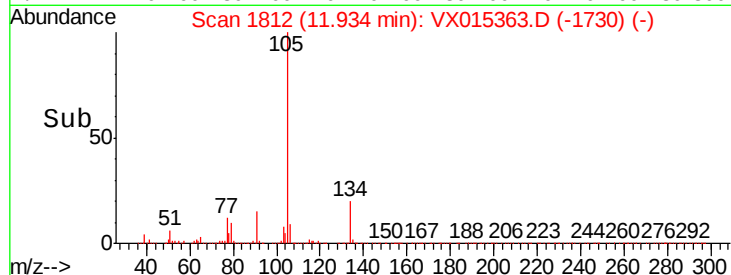
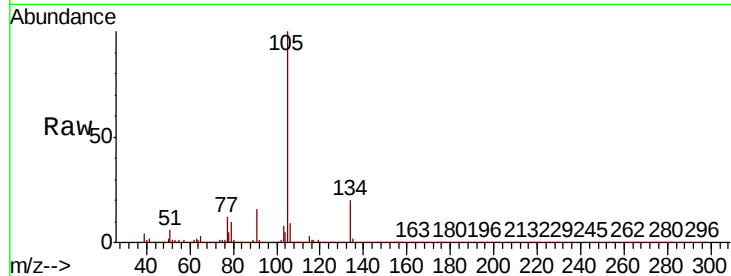
ClientSampleId :

Tot Ion:105 Resp: 1080235

Ion Ratio Lower Upper

105 100

134 20.5 0.0 41.6



#82

p-Isopropyltoluene

Concen: 19.289 ug/l

RT: 12.05 min Scan# 1831

Delta R.T. -0.00 min

Lab File: VX015363.D

Acq: 26 Mar 2020 18:01

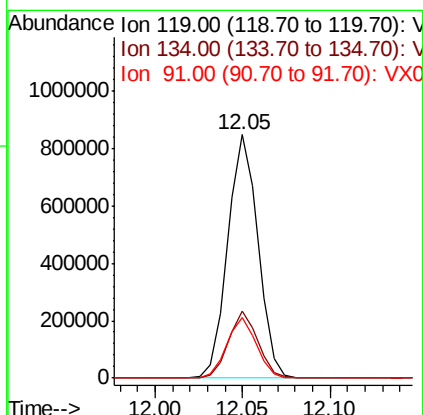
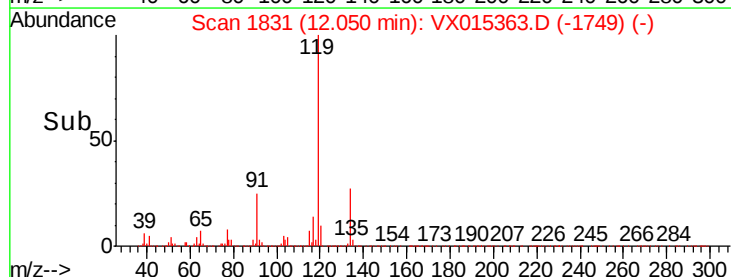
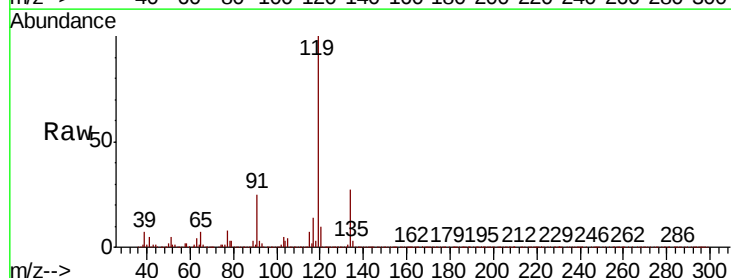
Tgt Ion:119 Resp: 1020483

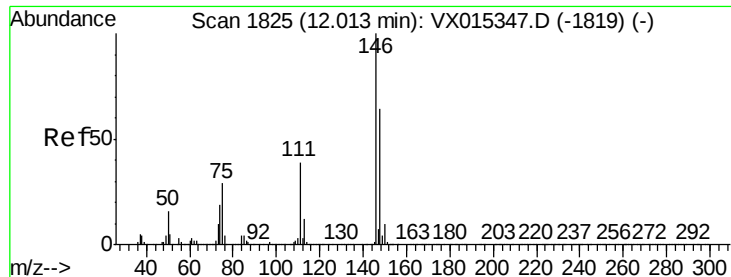
Ion Ratio Lower Upper

119 100

134 26.3 0.0 53.2

91 24.3 0.0 48.2

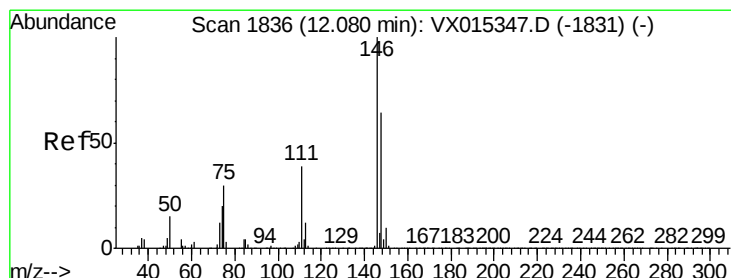
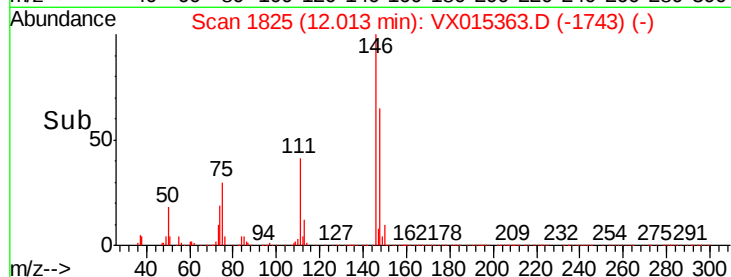
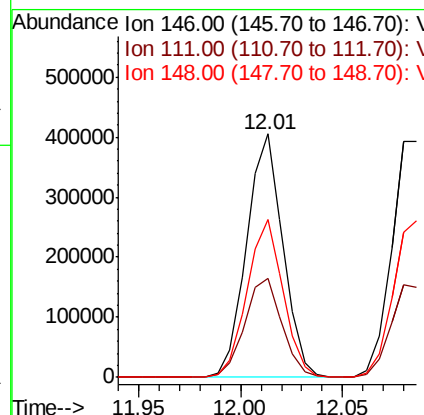
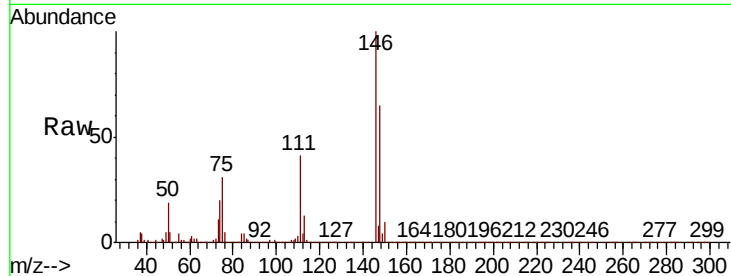




#83
 1,3-Dichlorobenzene
 Concen: 18.168 ug/l
 RT: 12.01 min Scan# 1825
 Delta R.T. -0.00 min
 Lab File: VX015363.D
 Acq: 26 Mar 2020 18:01

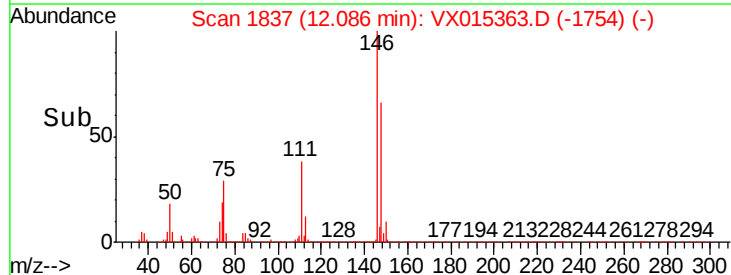
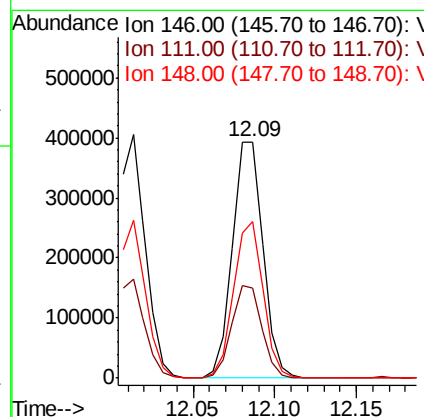
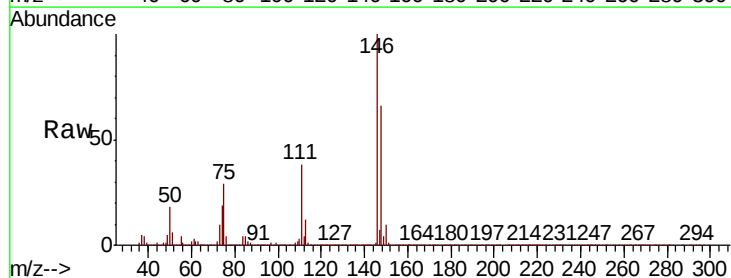
Instrument :
 MSVOA_X
 ClientSampleId :

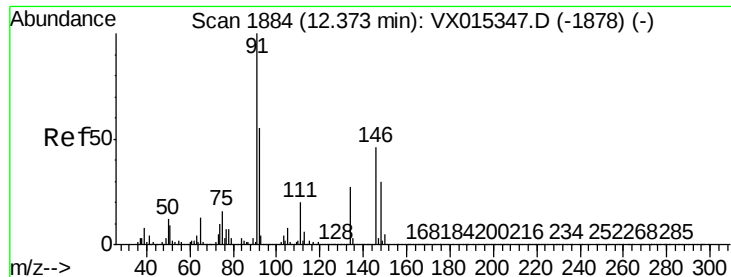
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.3	20.1	60.2
148	64.3	31.4	94.2



#84
 1,4-Dichlorobenzene
 Concen: 18.735 ug/l
 RT: 12.09 min Scan# 1837
 Delta R.T. 0.01 min
 Lab File: VX015363.D
 Acq: 26 Mar 2020 18:01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.7	18.9	56.9
148	63.6	31.4	94.3

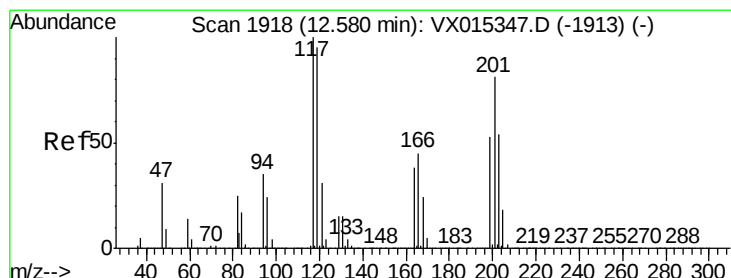
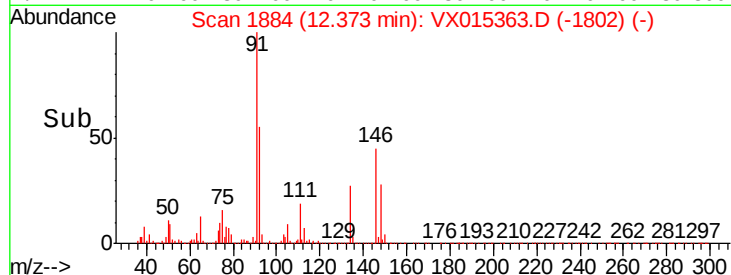
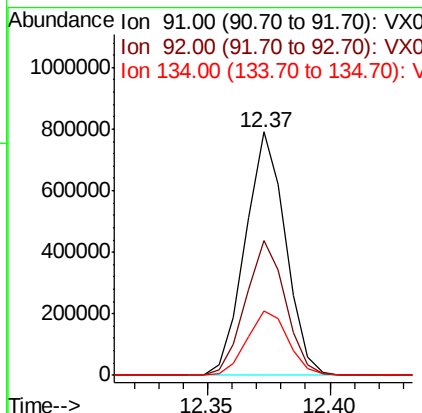
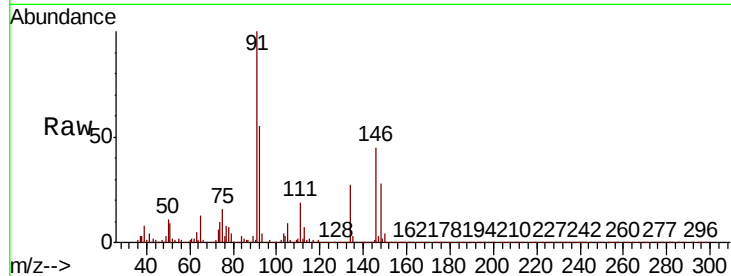




#85
n-Butylbenzene
Concen: 19.168 ug/l
RT: 12.37 min Scan# 1884
Delta R.T. -0.00 min
Lab File: VX015363.D
Acq: 26 Mar 2020 18:01

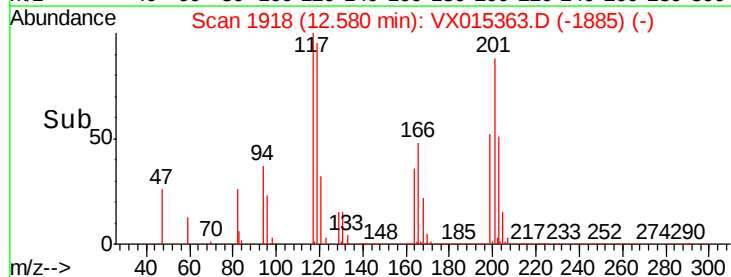
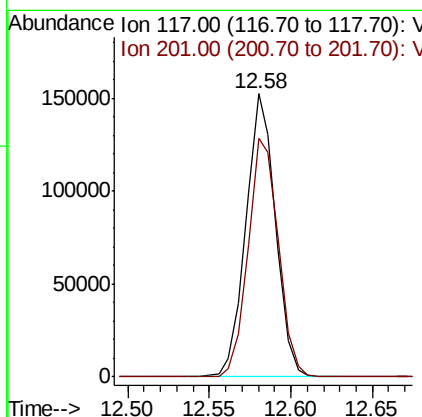
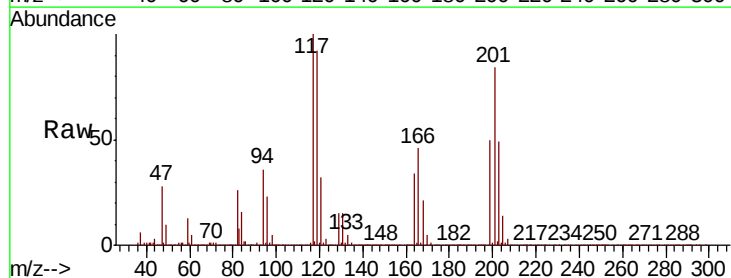
Instrument :
MSVOA_X
ClientSampleId :

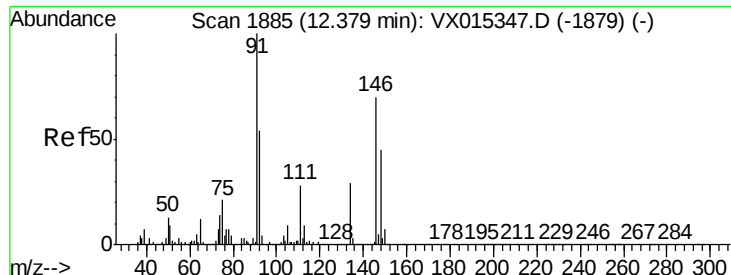
Tot Ion	Ratio	Lower	Upper
91	100		
92	54.9	0.0	109.0
134	27.2	0.0	54.0



#86
Hexachloroethane
Concen: 18.741 ug/l
RT: 12.58 min Scan# 1918
Delta R.T. -0.00 min
Lab File: VX015363.D
Acq: 26 Mar 2020 18:01

Tgt Ion	Ratio	Lower	Upper
117	100		
201	86.4	44.9	134.5





#87

1,2-Dichlorobenzene

Concen: 18.849 ug/l

RT: 12.38 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX015363.D

Acq: 26 Mar 2020 18:01

Instrument :

MSVOA_X

ClientSampled :

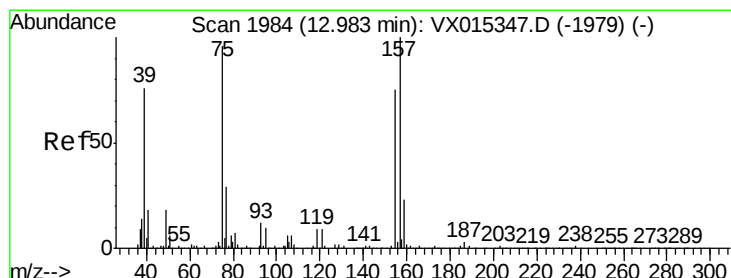
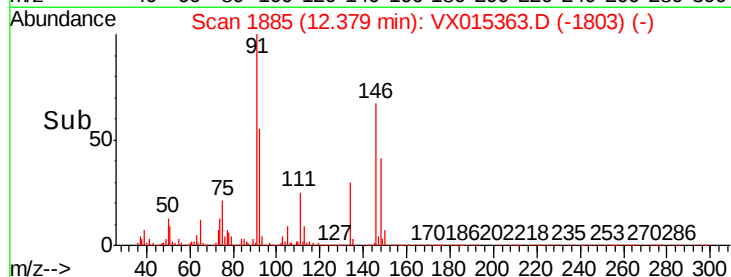
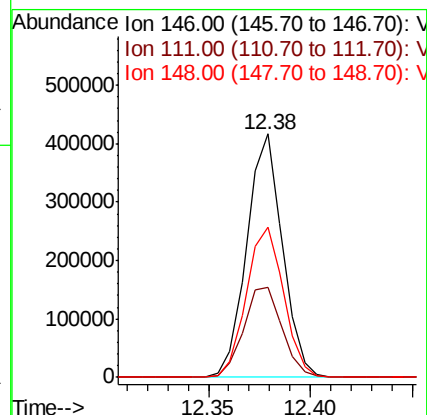
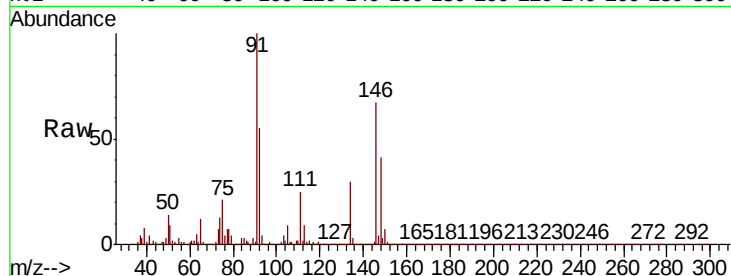
Tot Ion:146 Resp: 506059

Ion Ratio Lower Upper

146 100

111 39.9 20.4 61.2

148 64.3 31.9 95.9



#88

1,2-Dibromo-3-Chloropropane

Concen: 19.331 ug/l

RT: 12.98 min Scan# 1984

Delta R.T. -0.00 min

Lab File: VX015363.D

Acq: 26 Mar 2020 18:01

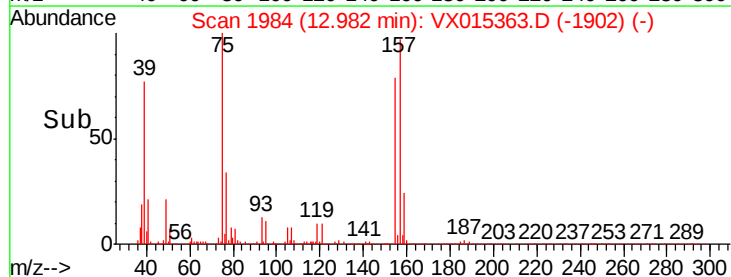
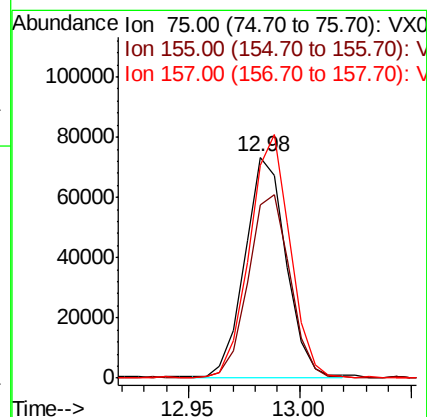
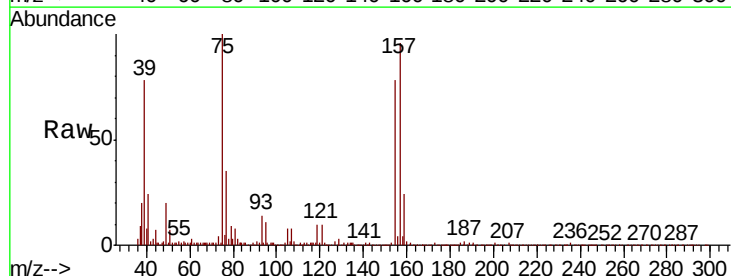
Tgt Ion: 75 Resp: 94088

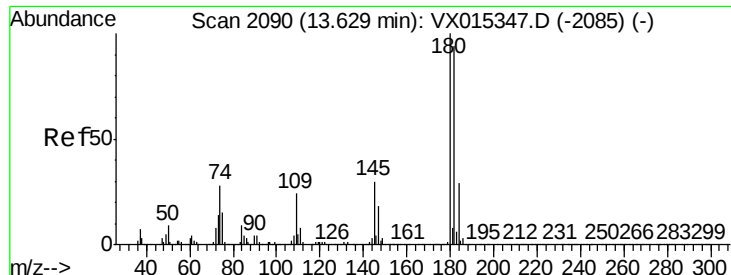
Ion Ratio Lower Upper

75 100

155 84.8 67.7 101.5

157 108.6 88.5 132.7

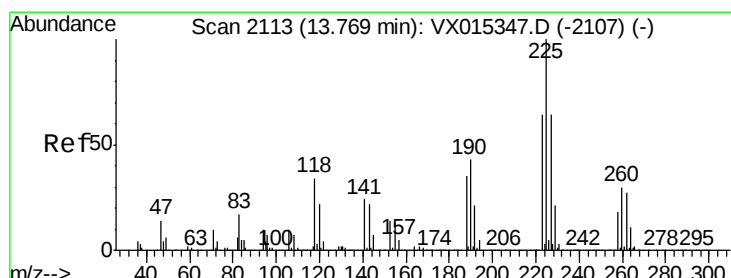
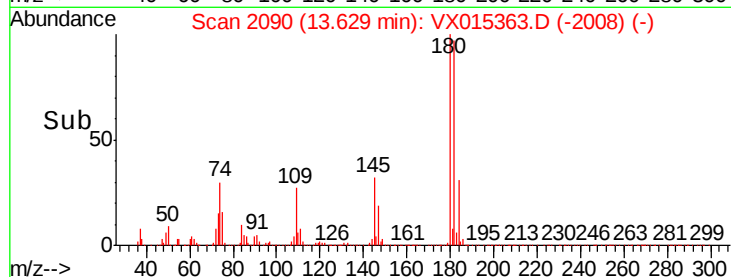
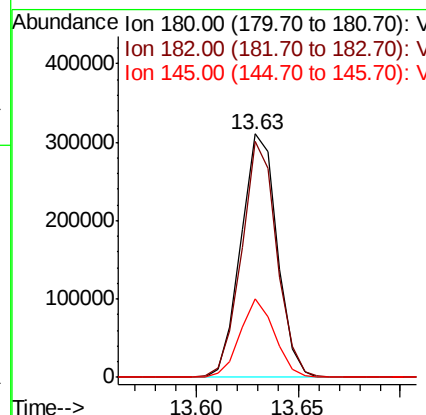
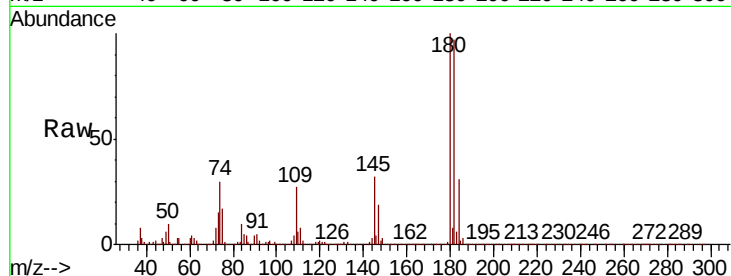




#89
 1,2,4-Trichlorobenzene
 Concen: 17.676 ug/l
 RT: 13.63 min Scan# 2090
 Delta R.T. -0.00 min
 Lab File: VX015363.D
 Acq: 26 Mar 2020 18:01

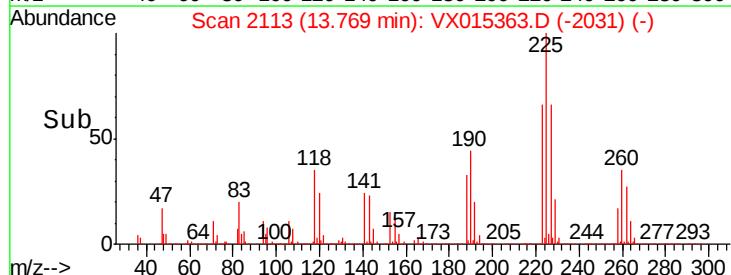
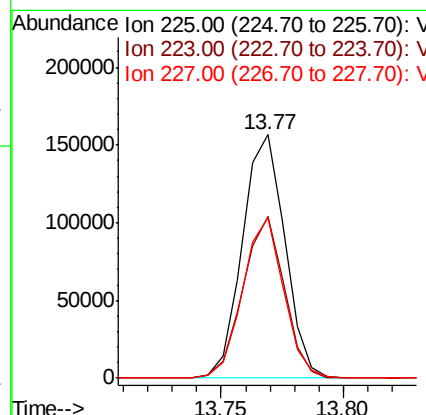
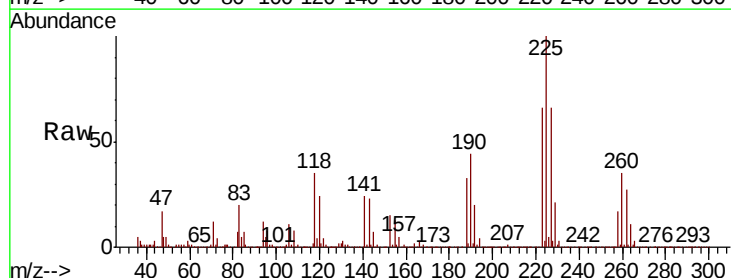
Instrument :
 MSVOA_X
 ClientSampleId :

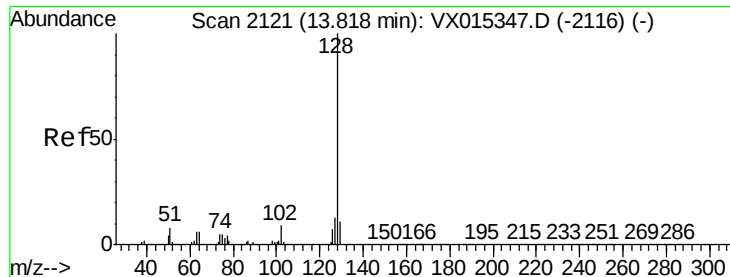
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.0	76.9	115.3
145	30.4	24.3	36.5



#90
 Hexachlorobutadiene
 Concen: 16.643 ug/l
 RT: 13.77 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VX015363.D
 Acq: 26 Mar 2020 18:01

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.1	0.0	127.0
227	63.5	0.0	126.8

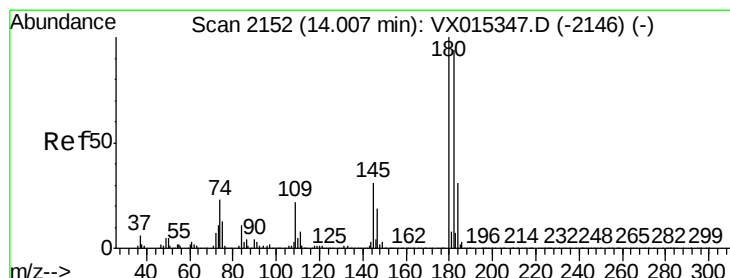
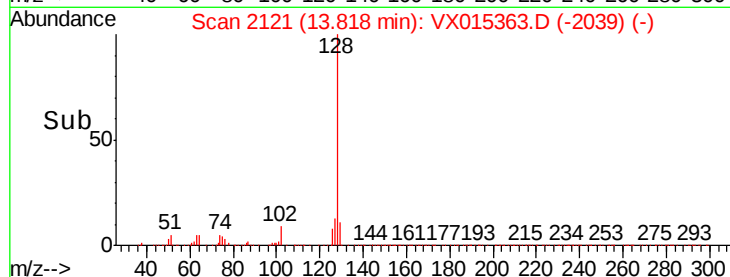
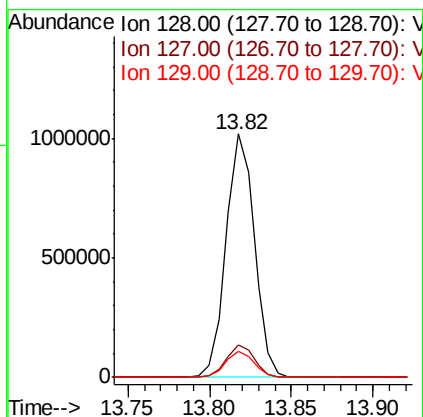
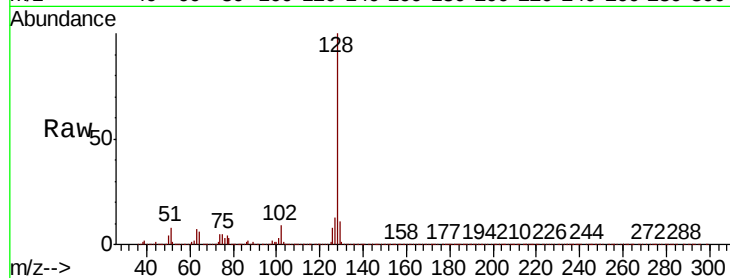




#91
Naphthalene
Concen: 19.713 ug/l
RT: 13.82 min Scan# 2121
Delta R.T. -0.00 min
Lab File: VX015363.D
Acq: 26 Mar 2020 18:01

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 1234603
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 10.6 8.9 13.3



#92
1,2,3-Trichlorobenzene
Concen: 17.839 ug/l
RT: 14.01 min Scan# 2152
Delta R.T. -0.00 min
Lab File: VX015363.D
Acq: 26 Mar 2020 18:01

Tgt Ion:180 Resp: 383278
Ion Ratio Lower Upper
180 100
182 94.3 0.0 191.0
145 30.9 0.0 62.2

