

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041020\
 Data File : VX015616.D
 Acq On : 10 Apr 2020 13:18
 Operator : JC/SP
 Sample : VX0410WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0410WBS02

Quant Time: Apr 11 00:19:23 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	4.98	128	199599	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.84	114	1132472	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	1047415	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.04	65	482068	30.91	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	103.03%
60) 4-Bromofluorobenzene	11.12	95	532699	29.72	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	99.07%
63) Toluene-d8	8.70	98	1324656	29.77	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	99.23%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.19	85	168044	17.630	ug/l 99
3) Chloromethane	1.31	50	224296	19.067	ug/l 100
4) Vinyl Chloride	1.39	62	222937	19.700	ug/l 99
5) Bromomethane	1.64	94	146006	24.235	ug/l 97
6) Chloroethane	1.72	64	145750	20.643	ug/l 97
7) Trichlorofluoromethane	1.92	101	331152	20.476	ug/l 97
8) Diethyl Ether	2.17	74	133748	21.494	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	214664	20.062	ug/l 99
10) 1,1-Dichloroethene	2.36	96	207369	19.080	ug/l 93
11) Methyl Iodide	2.49	142	266193	18.431	ug/l 96
12) Methyl Acetate	2.75	43	320582	20.158	ug/l 98
13) Acrolein	2.27	56	249529	120.613	ug/l 96
14) Acrylonitrile	3.11	53	710374	104.337	ug/l 99
15) Acetone	2.42	58	223993	129.382	ug/l 86
16) Carbon Disulfide	2.55	76	585588	18.431	ug/l 99
17) Allyl chloride	2.71	41	464661	18.937	ug/l 96
18) Methylene Chloride	2.84	84	246822	20.228	ug/l 98
19) trans-1,2-Dichloroethene	3.15	96	231509	19.692	ug/l 98
20) Diisopropyl ether	3.83	45	884430	20.096	ug/l 100
21) 1,1-Dichloroethane	3.67	63	453404	20.183	ug/l 99
22) cis-1,2-Dichloroethene	4.57	96	271118	20.017	ug/l 100
23) tert-Butyl Alcohol	3.01	59	307205	91.732	ug/l # 100
24) Methyl tert-Butyl Ether	3.17	73	826261	20.476	ug/l 99
25) Chloroform	5.18	83	447097	20.134	ug/l 96
26) Cyclohexane	5.55	56	407306	18.976	ug/l # 99
29) 1,1-Dichloropropene	5.78	75	341686	20.082	ug/l 98
30) 2-Butanone	4.64	43	1097832	107.636	ug/l 100
31) 2,2-Dichloropropane	4.56	77	410807	20.064	ug/l 99
32) 1,1,1-Trichloroethane	5.47	97	410479	19.774	ug/l 100
33) Carbon Tetrachloride	5.76	117	365327	19.311	ug/l 96
34) Benzene	6.12	78	976081	19.905	ug/l 96
35) Methacrylonitrile	5.01	41	235141	20.330	ug/l 98
36) 1,2-Dichloroethane	6.17	62	399330	21.074	ug/l 100
37) Trichloroethene	7.20	130	270823	19.614	ug/l 95
38) Methylcyclohexane	7.45	83	393527	18.867	ug/l 99
39) 1,2-Dichloropropane	7.50	63	267138	20.282	ug/l 97
40) Dibromomethane	7.64	93	171443	19.556	ug/l 99

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 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Quant Time: Apr 11 00:19:23 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)
41) Bromodichloromethane	7.88	83	367763	19.302	ug/l	100
42) Vinyl Acetate	3.79	43	3953569	102.302	ug/l	100
43) Ethyl Acetate	4.79	43	402511	18.142	ug/l	99
44) Isopropyl Acetate	6.42	43	702786	19.683	ug/l	100
45) 1,4-Dioxane	7.71	88	116317	353.628	ug/l	97
46) Methyl methacrylate	7.75	41	348731	19.572	ug/l	96
47) n-amyl Acetate	10.89	43	599758	19.481	ug/l	98
48) t-1,3-Dichloropropene	9.03	75	419442	19.070	ug/l	99
49) cis-1,3-Dichloropropene	8.42	75	446438	19.664	ug/l	99
50) 1,1,2-Trichloroethane	9.20	97	249840	19.858	ug/l	96
51) Ethyl methacrylate	9.16	69	422297	19.516	ug/l	99
52) 1,3-Dichloropropane	9.35	76	440673	20.278	ug/l	99
53) Dibromochloromethane	9.56	129	292574	18.864	ug/l	100
54) 1,2-Dibromoethane	9.65	107	269615	19.972	ug/l	99
55) 2-Chloroethyl vinyl ether	8.29	63	1061125	103.830	ug/l	99
56) Bromoform	10.84	173	233064	18.276	ug/l	98
58) 4-Methyl-2-Pentanone	8.62	43	2060459	102.786	ug/l	100
59) 2-Hexanone	9.48	43	1600619	104.956	ug/l	99
61) Tetrachloroethene	9.32	164	258854	19.227	ug/l	97
62) Toluene	8.77	91	1053306	19.854	ug/l	99
64) Chlorobenzene	10.12	112	667592	19.572	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.21	131	265739	19.065	ug/l	96
66) Ethyl Benzene	10.24	91	1206566	19.908	ug/l	99
67) m/p-Xylenes	10.34	106	904716	39.440	ug/l	98
68) o-Xylene	10.68	106	437090	19.494	ug/l	99
69) Styrene	10.70	104	761619	19.496	ug/l	100
70) Isopropylbenzene	11.01	105	1180767	19.865	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.25	83	390116	20.250	ug/l	100
72) 1,2,3-Trichloropropane	11.28	75	462944	25.681	ug/l	87
73) Bromobenzene	11.24	156	315068	19.746	ug/l	95
74) n-propylbenzene	11.35	91	1363833	20.004	ug/l	99
75) 2-Chlorotoluene	11.40	91	823388	19.857	ug/l	98
76) 1,3,5-Trimethylbenzene	11.49	105	1004675	19.682	ug/l	99
77) t-1,4-Dichloro-2-butene	11.06	75	133952	17.243	ug/l	98
78) 4-Chlorotoluene	11.49	91	956208	19.933	ug/l	98
79) tert-butylbenzene	11.76	119	995065	19.504	ug/l	99
80) 1,2,4-Trimethylbenzene	11.79	105	1020754	19.740	ug/l	99
81) sec-Butylbenzene	11.93	105	1155467	19.744	ug/l	99
82) p-Isopropyltoluene	12.05	119	1056065	19.146	ug/l	99
83) 1,3-Dichlorobenzene	12.01	146	573383	19.985	ug/l	99
84) 1,4-Dichlorobenzene	12.08	146	571174	19.949	ug/l	98
85) n-Butylbenzene	12.37	91	973676	19.805	ug/l	99
86) Hexachloroethane	12.58	117	186710	17.514	ug/l	96
87) 1,2-Dichlorobenzene	12.38	146	552657	19.744	ug/l	100
88) 1,2-Dibromo-3-Chloropropan	12.98	75	96672	19.051	ug/l	97
89) 1,2,4-Trichlorobenzene	13.63	180	426016	18.893	ug/l	99
90) Hexachlorobutadiene	13.77	225	203923	17.168	ug/l	99
91) Naphthalene	13.82	128	1316435	20.162	ug/l	99
92) 1,2,3-Trichlorobenzene	14.01	180	416128	18.577	ug/l	95

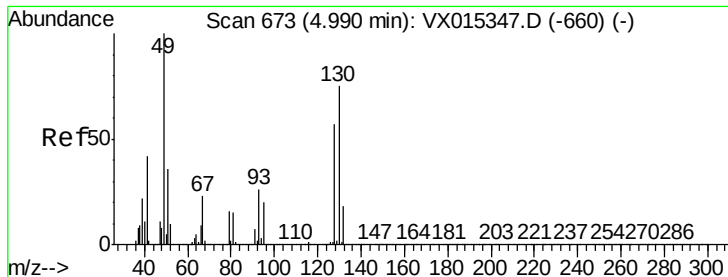
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041020\
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Acq On : 10 Apr 2020 13:18
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Sample : VX0410WBS02
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Instrument :
MSVOA_X
ClientSampleId :
VX0410WBS02

Quant Time: Apr 11 00:19:23 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
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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: 4.98 min Scan# 672

Delta R.T. -0.01 min

Lab File: VX015616.D

Acq: 10 Apr 2020 13:18

Instrument :

MSVOA_X

ClientSampleId :

VX0410WBS02

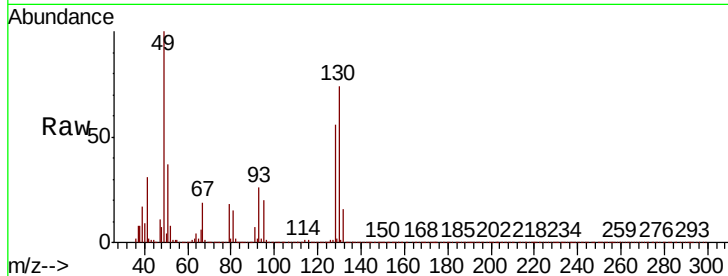
Tot Ion:128 Resp: 199599

Ion Ratio Lower Upper

128 100

49 174.1 0.0 428.0

130 132.6 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

150000

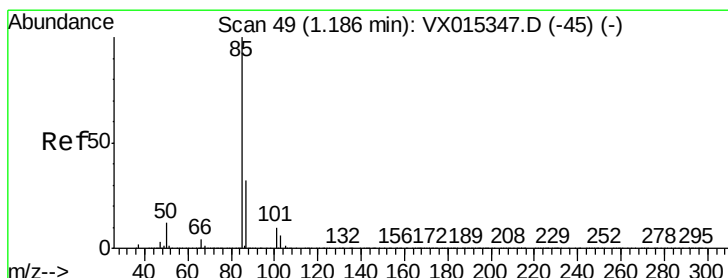
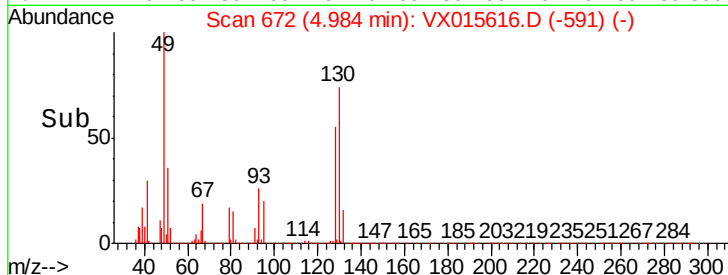
100000

50000

0

4.90 5.00 5.10

Time-->



#2

Dichlorodifluoromethane

Concen: 17.630 ug/l

RT: 1.19 min Scan# 49

Delta R.T. -0.00 min

Lab File: VX015616.D

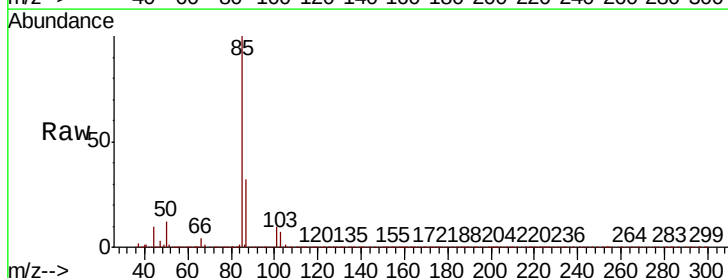
Acq: 10 Apr 2020 13:18

Tgt Ion: 85 Resp: 168044

Ion Ratio Lower Upper

85 100

87 32.1 16.3 48.9



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

200000

150000

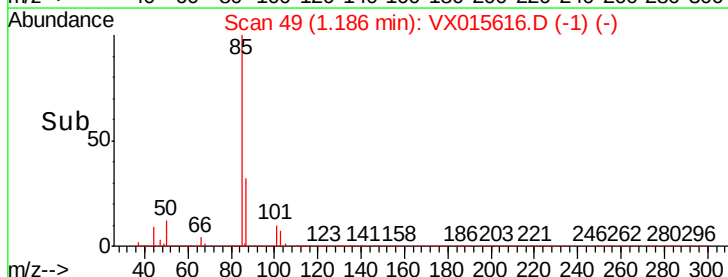
100000

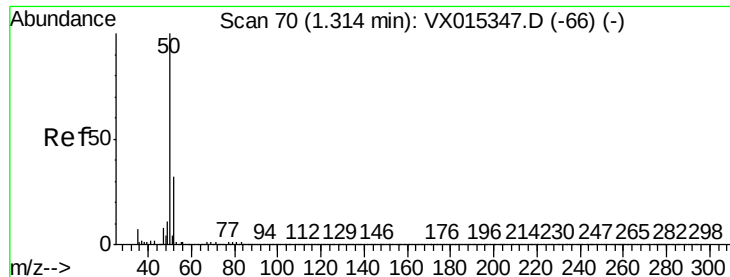
50000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 19.067 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.00 min

Lab File: VX015616.D

Acq: 10 Apr 2020 13:18

Instrument :

MSVOA_X

ClientSampleId :

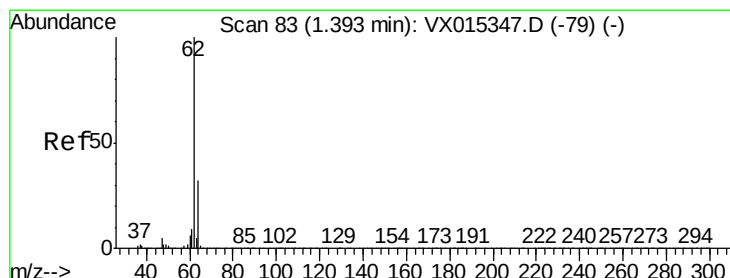
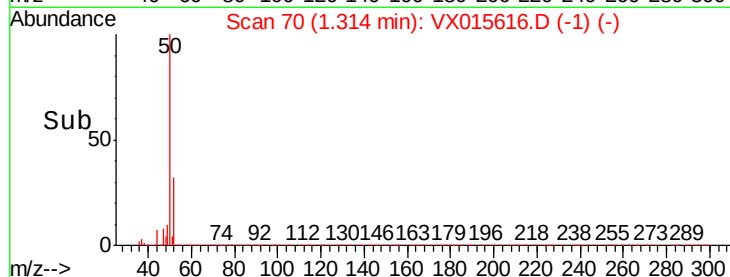
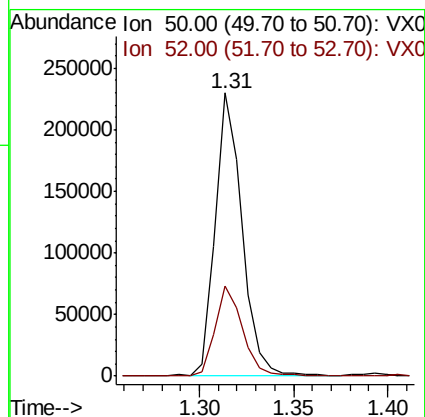
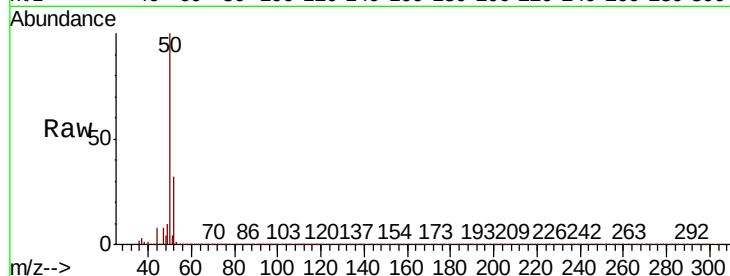
VX0410WBS02

Tot Ion: 50 Resp: 224296

Ion Ratio Lower Upper

50 100

52 31.8 25.5 38.3



#4

Vinyl Chloride

Concen: 19.700 ug/l

RT: 1.39 min Scan# 83

Delta R.T. -0.00 min

Lab File: VX015616.D

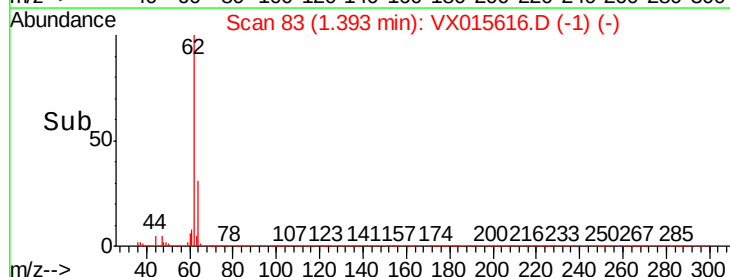
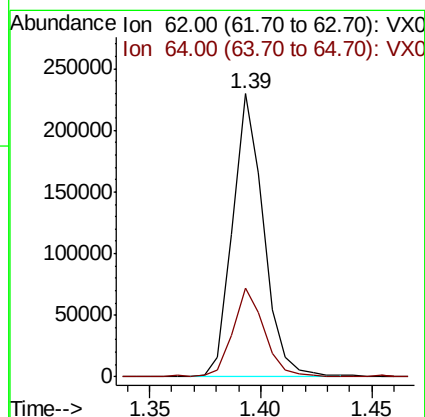
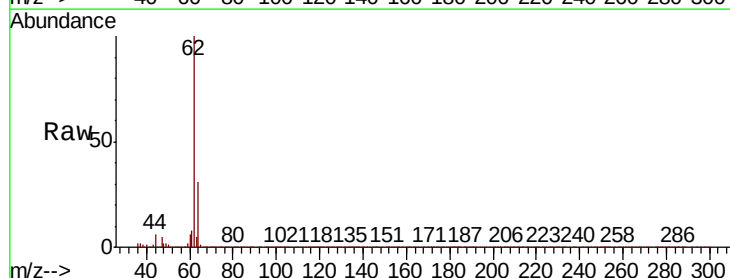
Acq: 10 Apr 2020 13:18

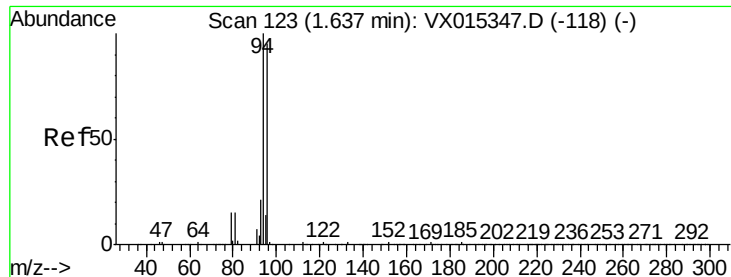
Tgt Ion: 62 Resp: 222937

Ion Ratio Lower Upper

62 100

64 31.1 25.4 38.0





#5

Bromomethane

Concen: 24.235 ug/l

RT: 1.64 min Scan# 123

Delta R.T. -0.00 min

Lab File: VX015616.D

Acq: 10 Apr 2020 13:18

Instrument :

MSVOA_X

ClientSampleId :

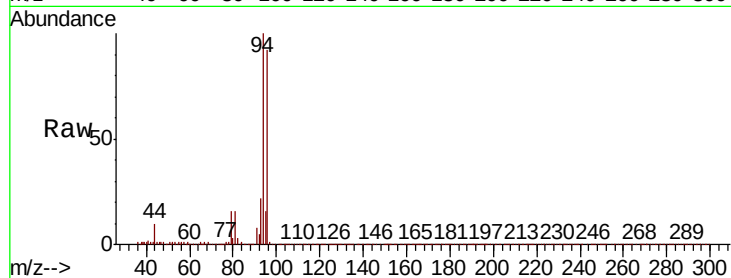
VX0410WBS02

Tot Ion: 94 Resp: 146006

Ion Ratio Lower Upper

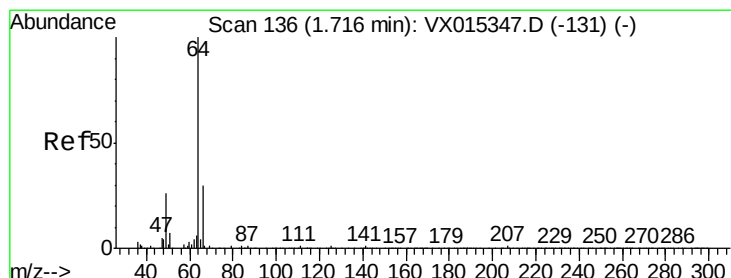
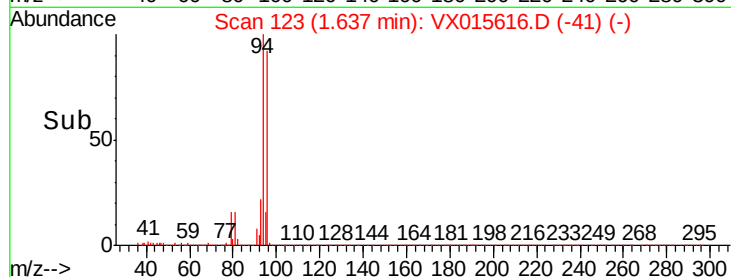
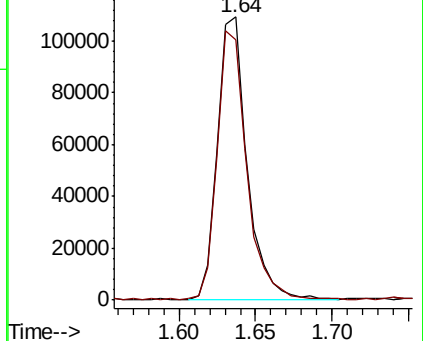
94 100

96 91.9 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: 20.643 ug/l

RT: 1.72 min Scan# 136

Delta R.T. -0.00 min

Lab File: VX015616.D

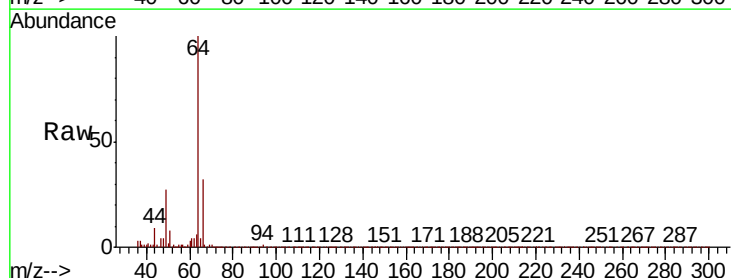
Acq: 10 Apr 2020 13:18

Tgt Ion: 64 Resp: 145750

Ion Ratio Lower Upper

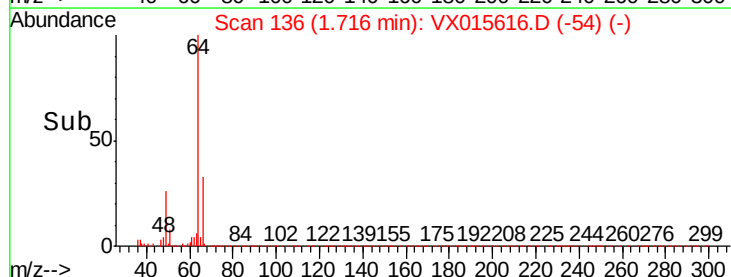
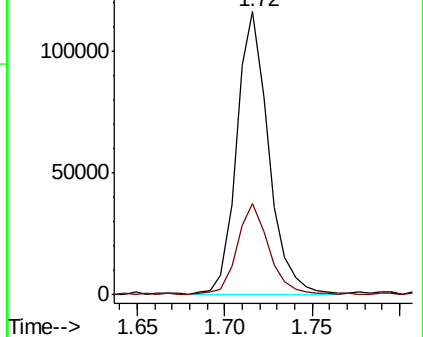
64 100

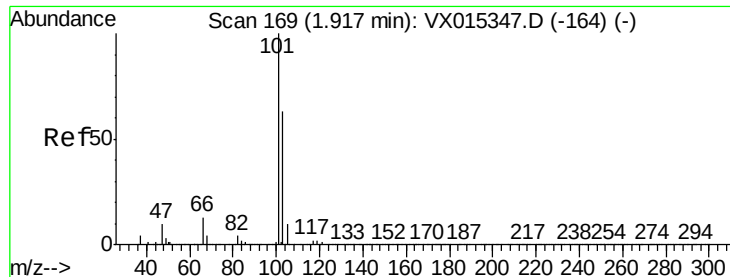
66 32.2 24.3 36.5



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0



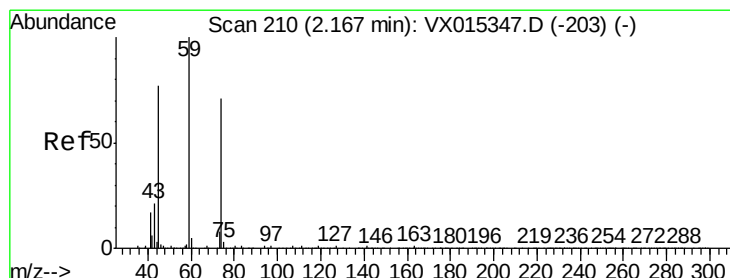
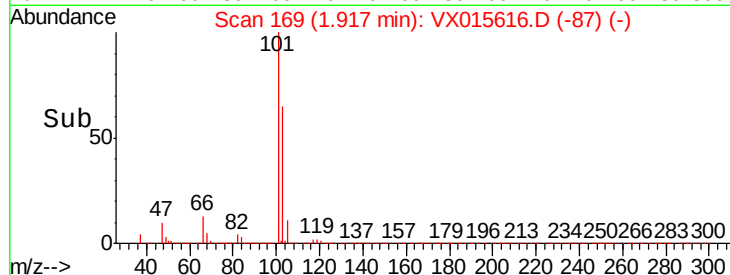
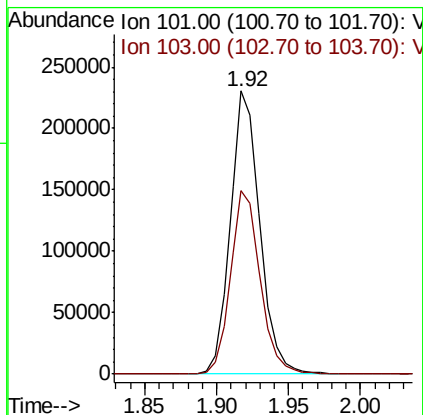
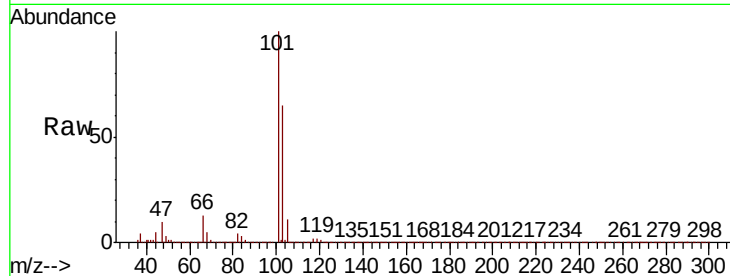


#7

Trichlorofluoromethane
Concen: 20.476 ug/l
RT: 1.92 min Scan# 169
Delta R.T. -0.00 min
Lab File: VX015616.D
Acq: 10 Apr 2020 13:18

Instrument :
MSVOA_X
ClientSampleId :
VX0410WBS02

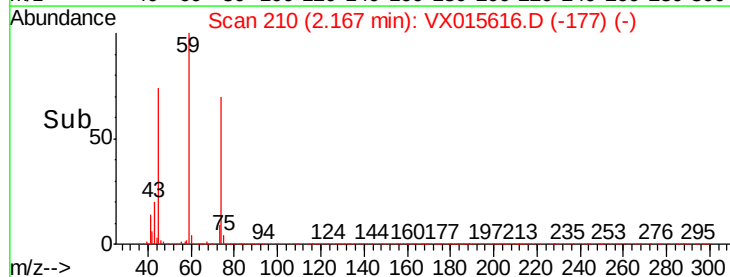
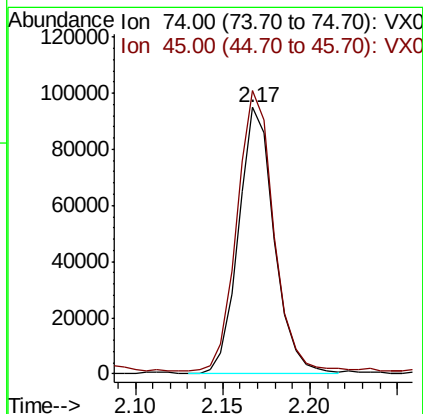
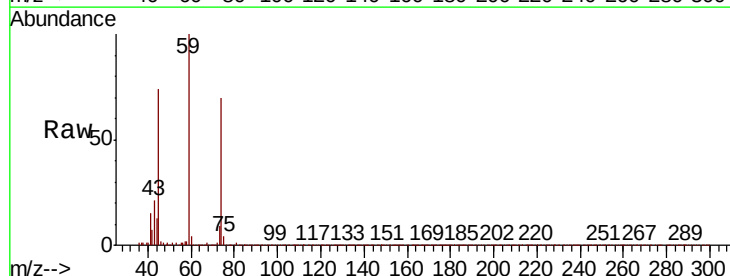
Tot Ion:101 Resp: 331152
Ion Ratio Lower Upper
101 100
103 64.5 49.9 74.9

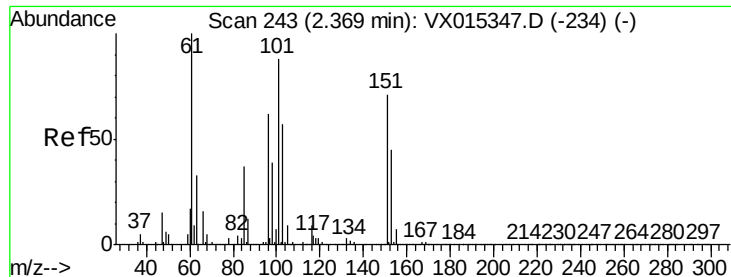


#8

Diethyl Ether
Concen: 21.494 ug/l
RT: 2.17 min Scan# 210
Delta R.T. -0.00 min
Lab File: VX015616.D
Acq: 10 Apr 2020 13:18

Tgt Ion: 74 Resp: 133748
Ion Ratio Lower Upper
74 100
45 109.2 21.8 196.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.062 ug/l

RT: 2.37 min Scan# 243

Delta R.T. -0.00 min

Lab File: VX015616.D

Acq: 10 Apr 2020 13:18

Instrument :

MSVOA_X

ClientSampleId :

VX0410WBS02

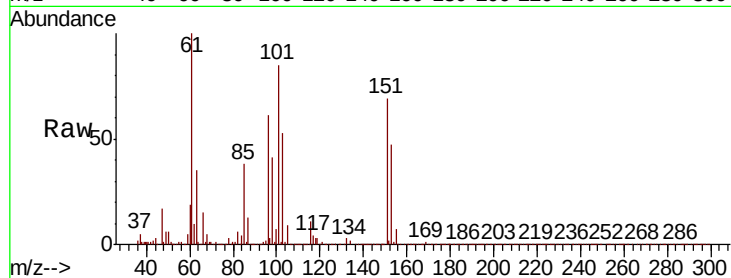
Tot Ion:101 Resp: 214664

Ion Ratio Lower Upper

101 100

85 42.3 0.0 85.8

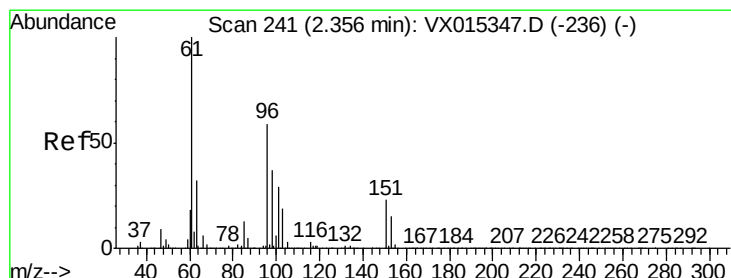
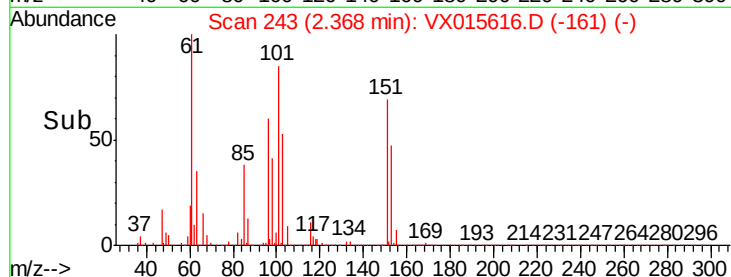
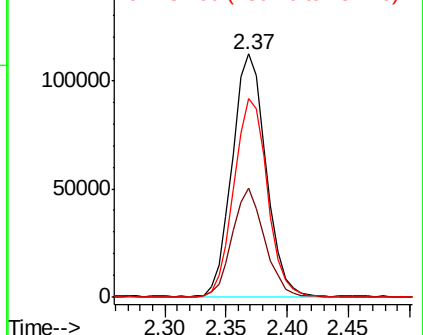
151 80.8 0.0 164.6



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 19.080 ug/l

RT: 2.36 min Scan# 241

Delta R.T. -0.00 min

Lab File: VX015616.D

Acq: 10 Apr 2020 13:18

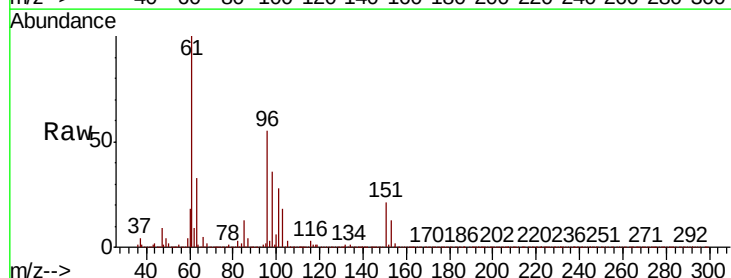
Tgt Ion: 96 Resp: 207369

Ion Ratio Lower Upper

96 100

61 181.4 135.5 203.3

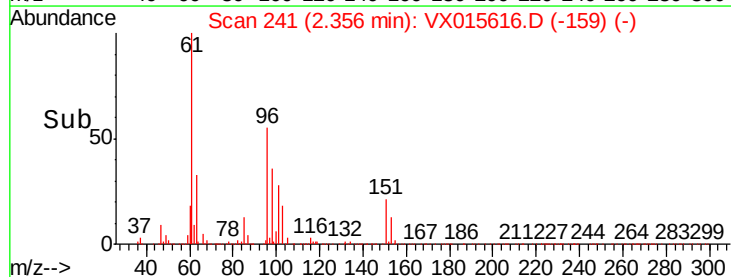
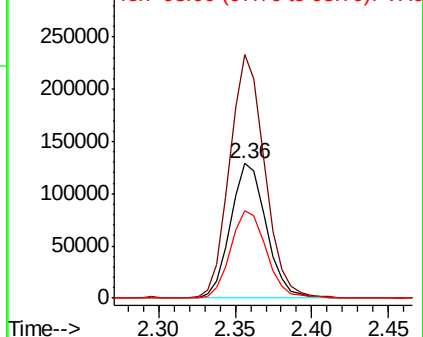
98 64.9 50.2 75.2

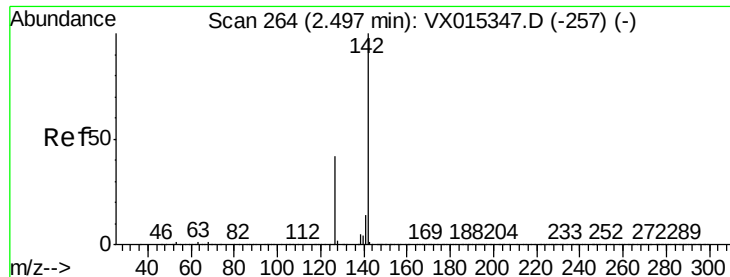


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

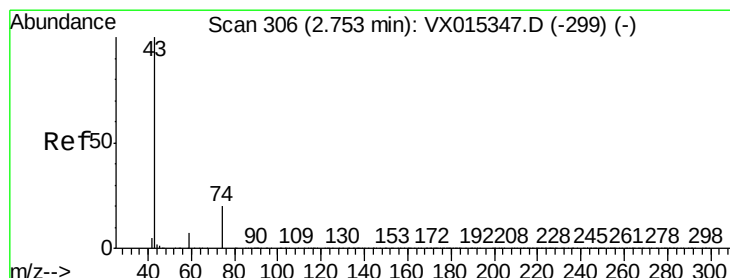
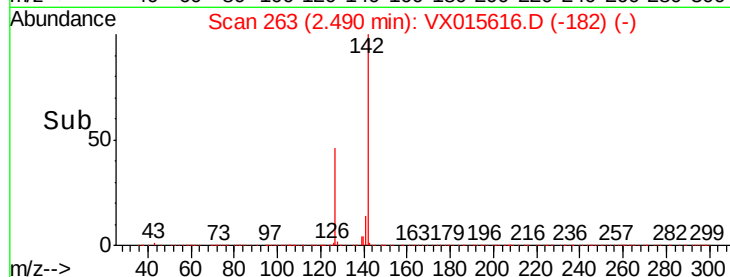
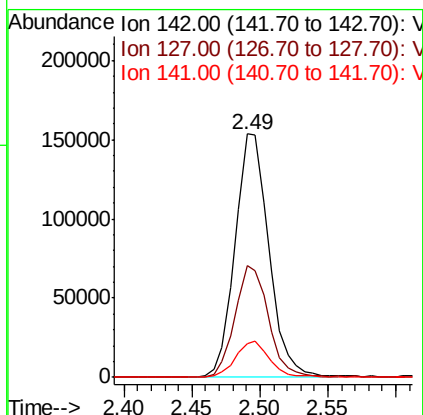
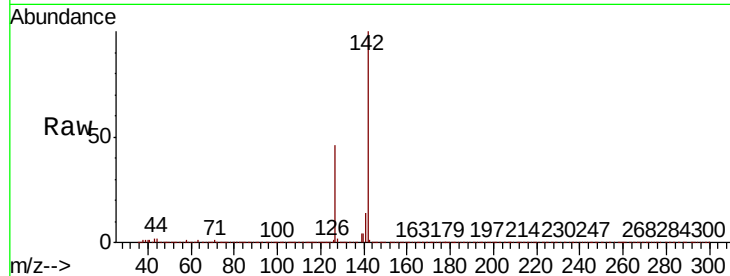




#11
Methvl Iodide
Concen: 18.431 ug/l
RT: 2.49 min Scan# 263
Delta R.T. -0.01 min
Lab File: VX015616.D
Acq: 10 Apr 2020 13:18

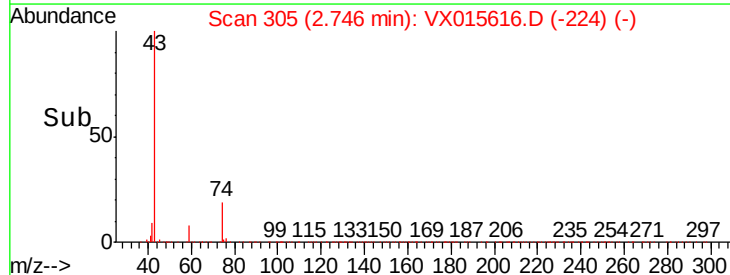
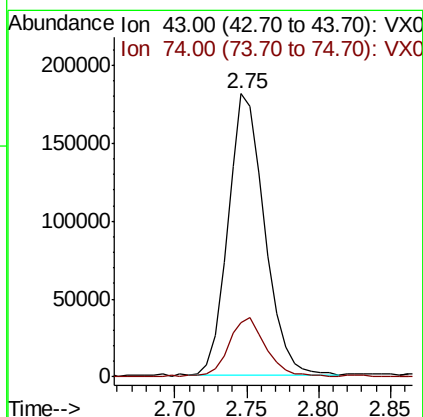
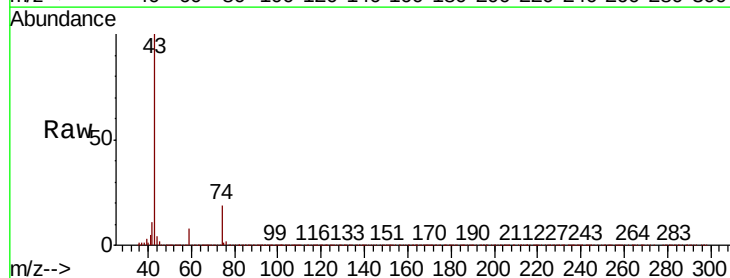
Instrument :
MSVOA_X
ClientSampleId :
VX0410WBS02

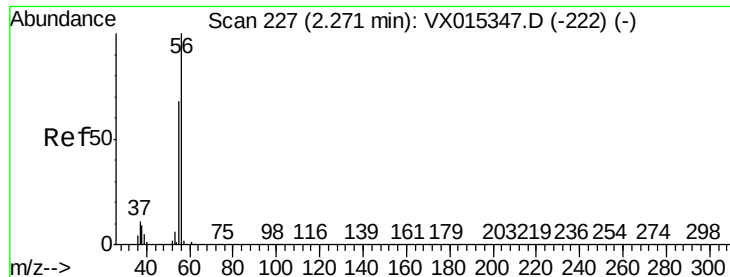
Tot Ion	Ratio	Lower	Upper
142	100		
127	45.5	21.0	63.0
141	13.9	6.9	20.7



#12
Methyl Acetate
Concen: 20.158 ug/l
RT: 2.75 min Scan# 305
Delta R.T. -0.01 min
Lab File: VX015616.D
Acq: 10 Apr 2020 13:18

Tgt Ion	Ratio	Lower	Upper
43	100		
74	18.8	15.8	23.6

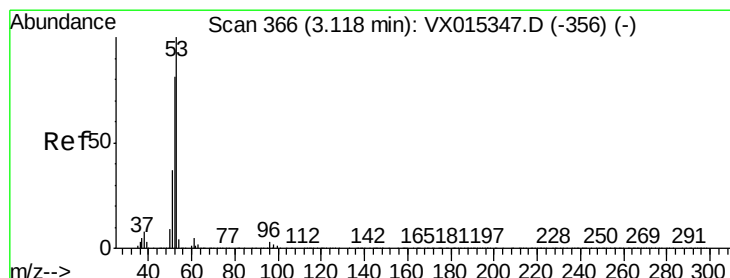
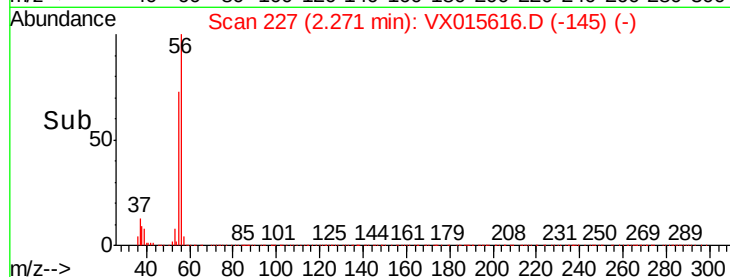
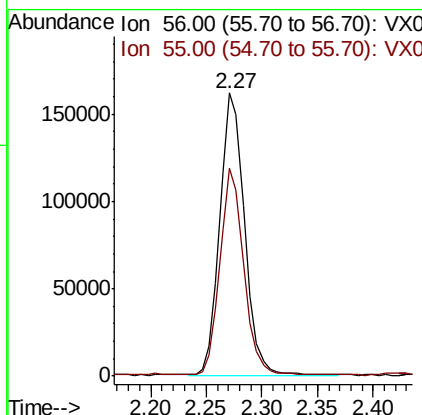
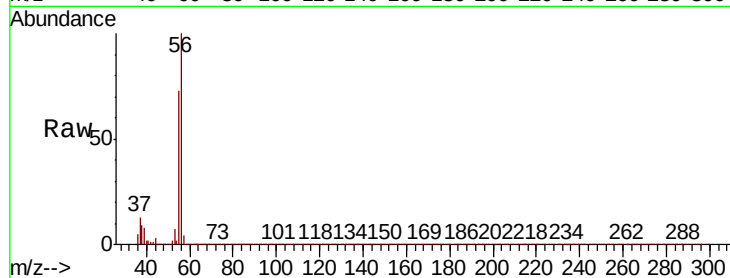




#13
Acrolein
Concen: 120.613 ug/l
RT: 2.27 min Scan# 227
Delta R.T. -0.00 min
Lab File: VX015616.D
Acq: 10 Apr 2020 13:18

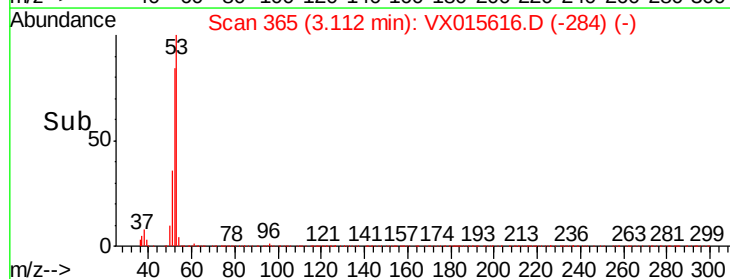
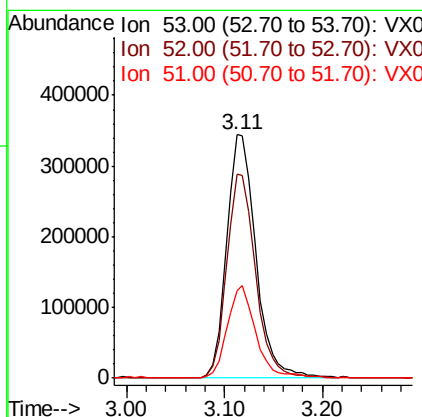
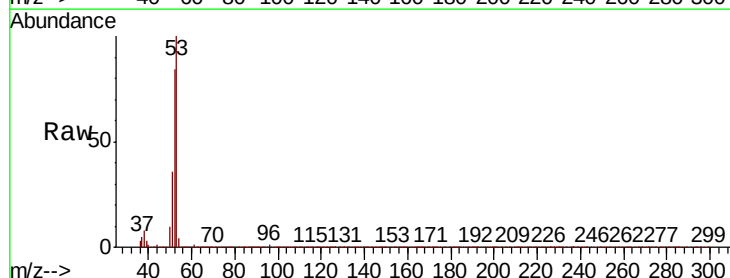
Instrument :
MSVOA_X
ClientSampleId :
VX0410WBS02

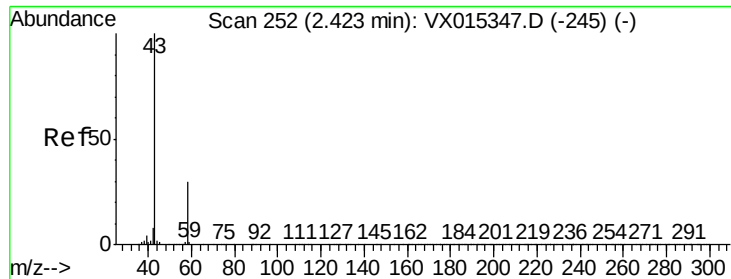
Tot Ion: 56 Resp: 249529
Ion Ratio Lower Upper
56 100
55 69.8 53.5 80.3



#14
Acrylonitrile
Concen: 104.337 ug/l
RT: 3.11 min Scan# 365
Delta R.T. -0.01 min
Lab File: VX015616.D
Acq: 10 Apr 2020 13:18

Tgt Ion: 53 Resp: 710374
Ion Ratio Lower Upper
53 100
52 82.9 41.0 123.2
51 37.1 18.4 55.4





#15

Acetone

Concen: 129.382 ug/l

RT: 2.42 min Scan# 251

Delta R.T. -0.01 min

Lab File: VX015616.D

Acq: 10 Apr 2020 13:18

Instrument :

MSVOA_X

ClientSampleId :

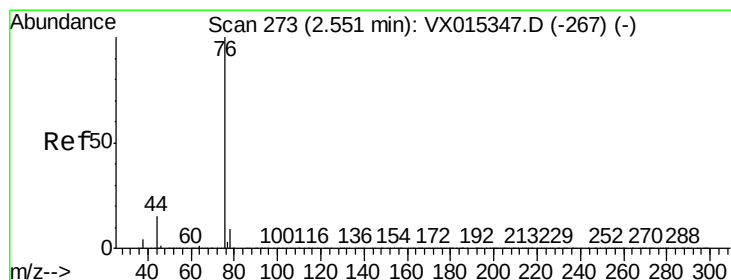
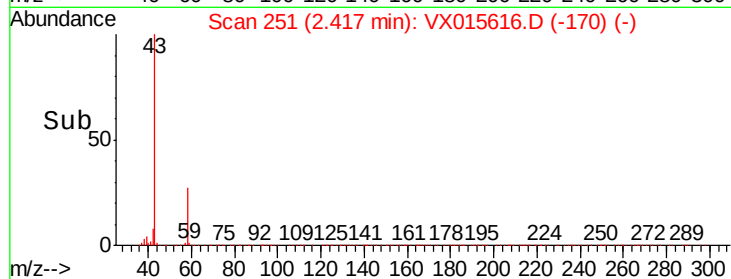
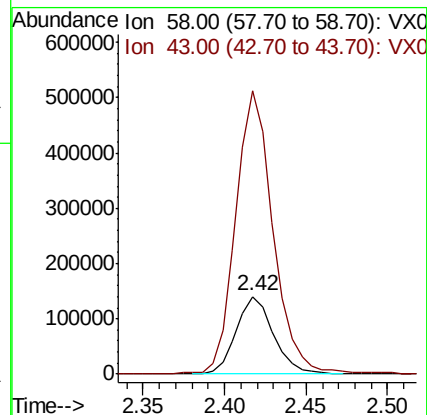
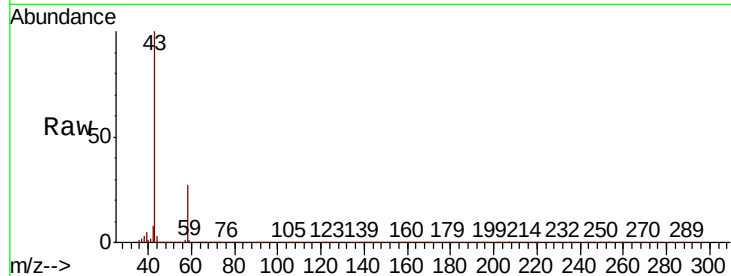
VX0410WBS02

Tot Ion: 58 Resp: 223993

Ion Ratio Lower Upper

58 100

43 364.1 267.8 401.8



#16

Carbon Disulfide

Concen: 18.431 ug/l

RT: 2.55 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX015616.D

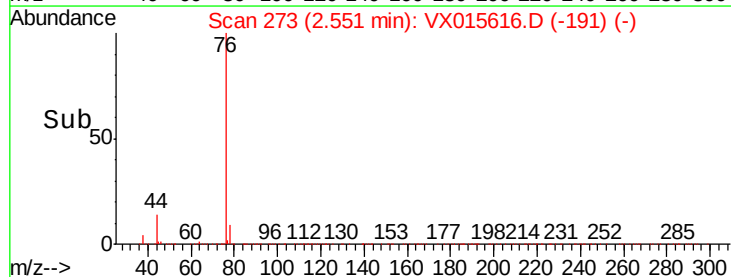
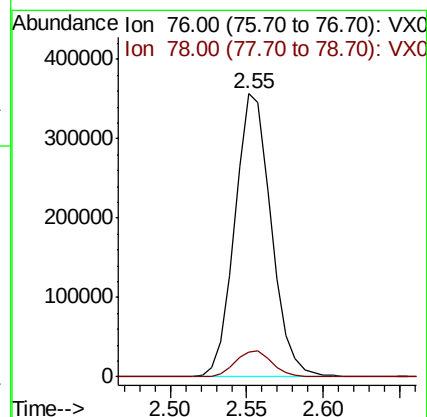
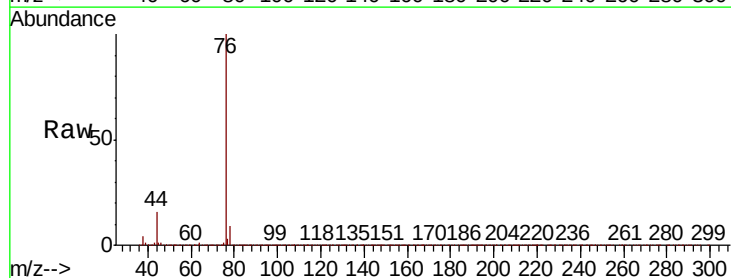
Acq: 10 Apr 2020 13:18

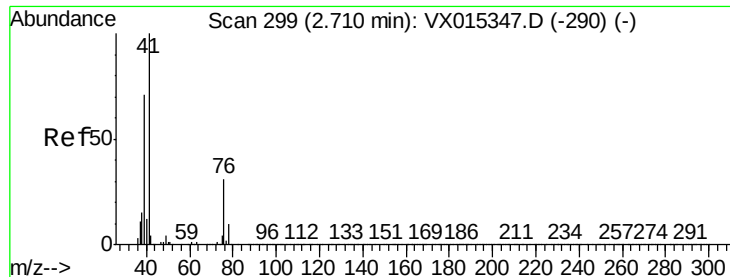
Tgt Ion: 76 Resp: 585588

Ion Ratio Lower Upper

76 100

78 8.9 7.4 11.2

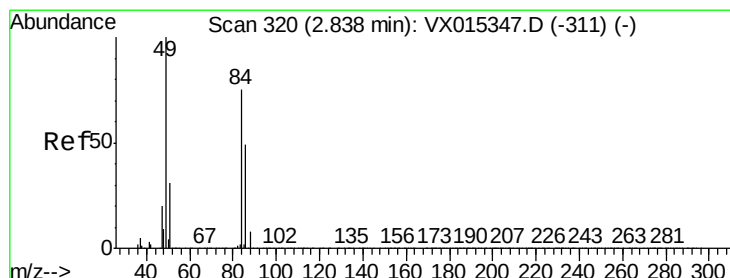
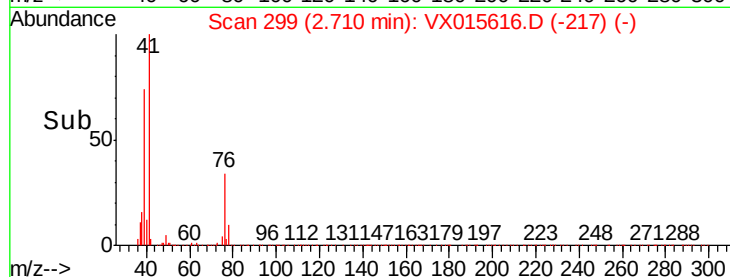
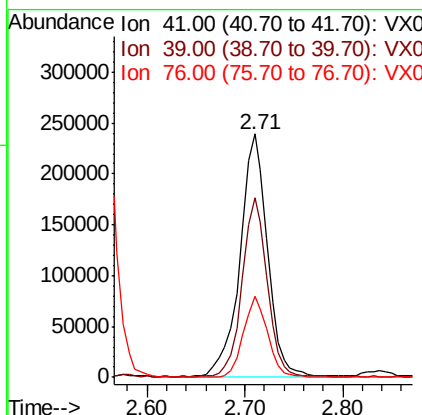
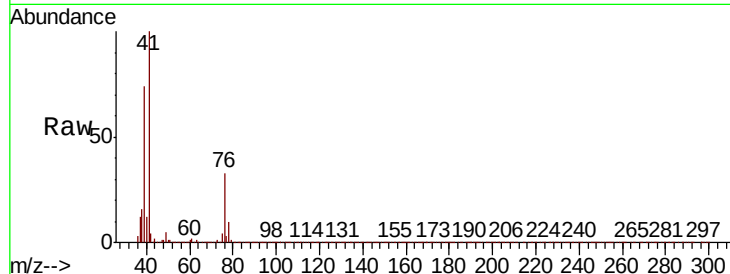




#17
Allvl chloride
Concen: 18.937 ug/l
RT: 2.71 min Scan# 299
Delta R.T. -0.00 min
Lab File: VX015616.D
Acq: 10 Apr 2020 13:18

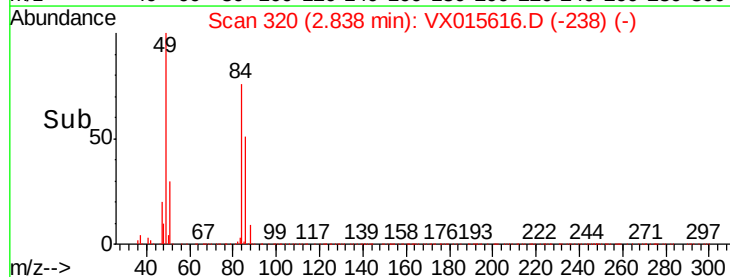
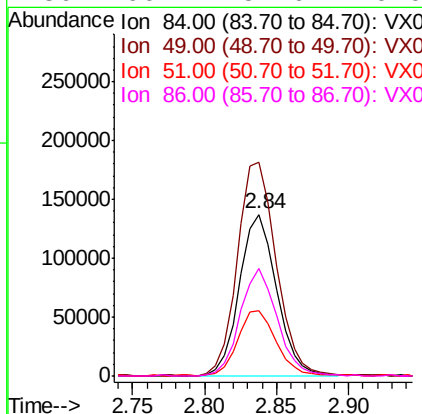
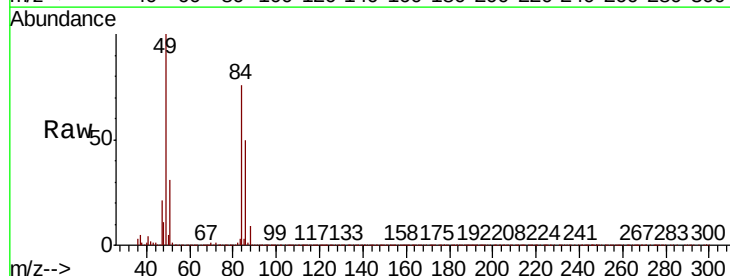
Instrument :
MSVOA_X
ClientSampleId :
VX0410WBS02

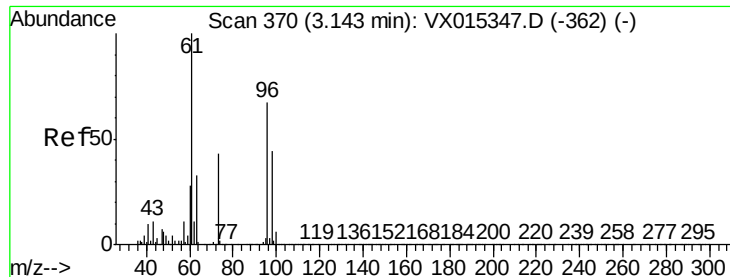
Tot Ion	Ratio	Lower	Upper
41	100		
39	73.8	35.6	106.8
76	33.3	15.4	46.4



#18
Methylene Chloride
Concen: 20.228 ug/l
RT: 2.84 min Scan# 320
Delta R.T. -0.00 min
Lab File: VX015616.D
Acq: 10 Apr 2020 13:18

Tgt Ion	Ratio	Lower	Upper
84	100		
49	131.7	107.0	160.4
51	40.0	33.4	50.0
86	66.4	52.6	79.0

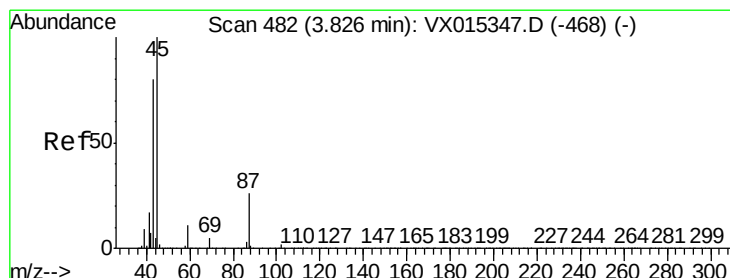
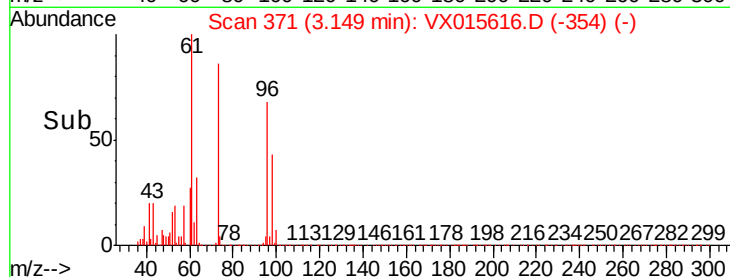
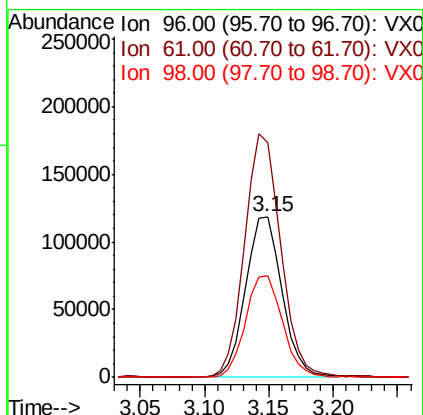
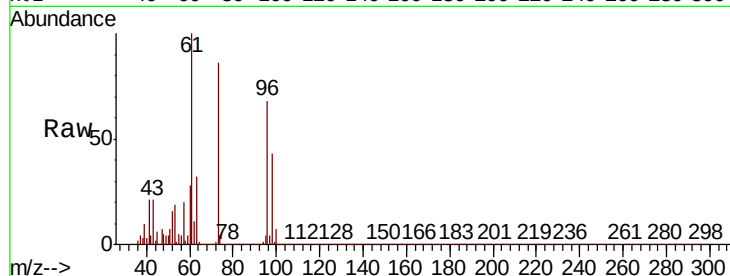




#19
trans-1,2-Dichloroethene
Concen: 19.692 ug/l
RT: 3.15 min Scan# 371
Delta R.T. 0.01 min
Lab File: VX015616.D
Acq: 10 Apr 2020 13:18

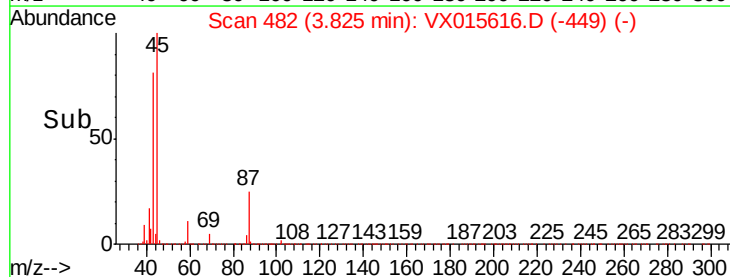
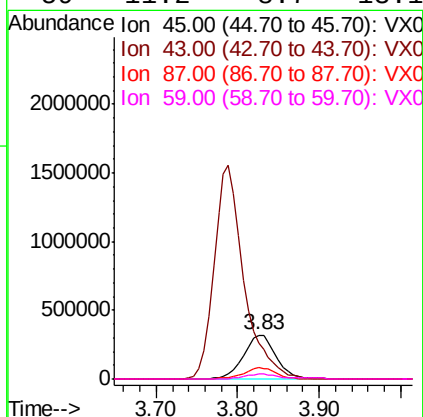
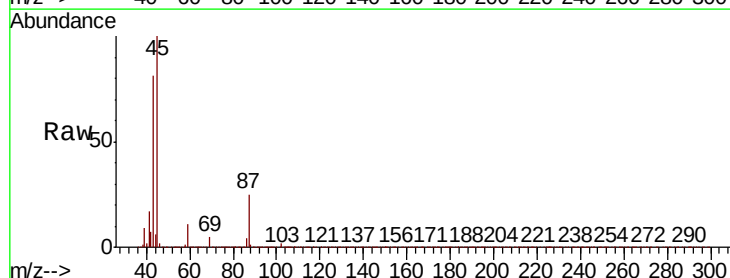
Instrument :
MSVOA_X
ClientSampleId :
VX0410WBS02

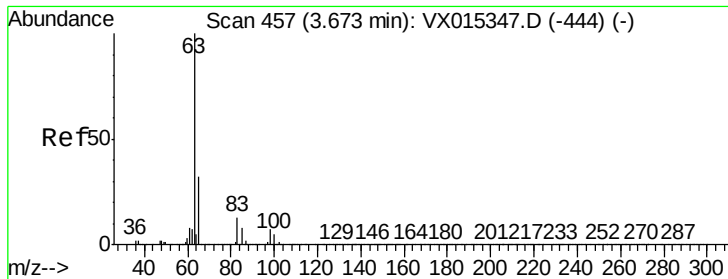
Tot Ion	Ratio	Lower	Upper
96	100		
61	145.9	118.2	177.2
98	62.8	51.9	77.9



#20
Diisopropyl ether
Concen: 20.096 ug/l
RT: 3.83 min Scan# 482
Delta R.T. -0.00 min
Lab File: VX015616.D
Acq: 10 Apr 2020 13:18

Tgt Ion	Ratio	Lower	Upper
45	100		
43	80.2	64.4	96.6
87	25.3	20.4	30.6
59	11.2	8.7	13.1





#21

1,1-Dichloroethane

Concen: 20.183 ug/l

RT: 3.67 min Scan# 457

Delta R.T. -0.00 min

Lab File: VX015616.D

Acq: 10 Apr 2020 13:18

Instrument :

MSVOA_X

ClientSampleId :

VX0410WBS02

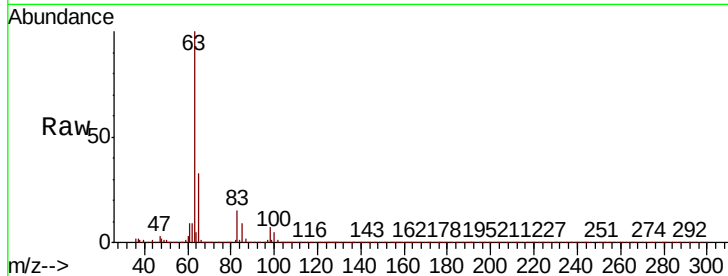
Tot Ion: 63 Resp: 453404

Ion Ratio Lower Upper

63 100

98 6.8 3.3 9.9

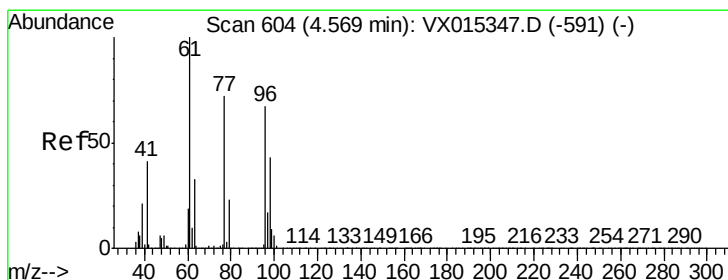
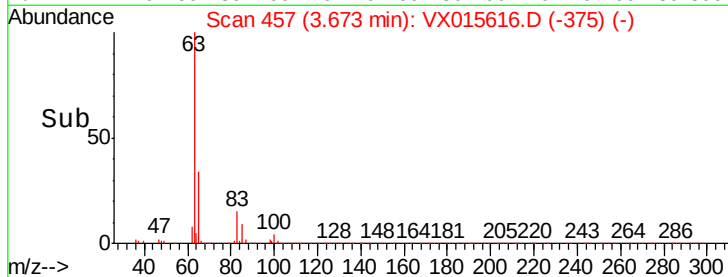
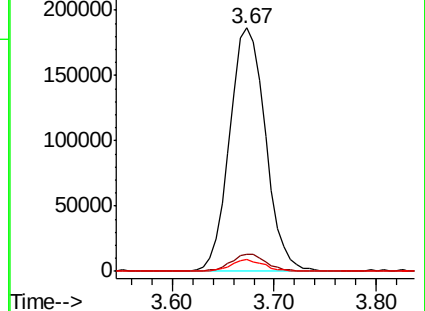
100 4.6 2.3 6.8



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: 20.017 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX015616.D

Acq: 10 Apr 2020 13:18

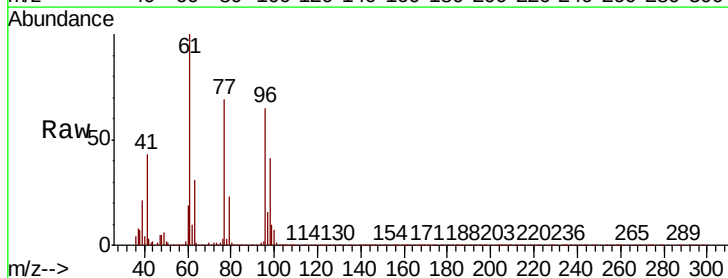
Tgt Ion: 96 Resp: 271118

Ion Ratio Lower Upper

96 100

61 158.5 127.2 190.8

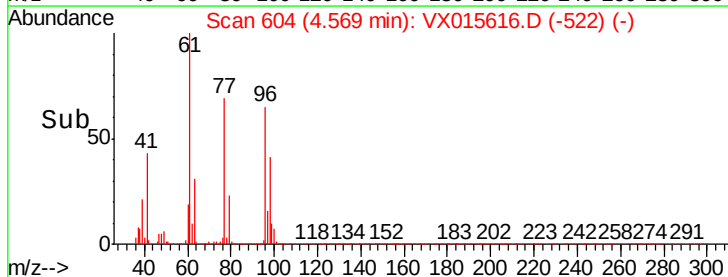
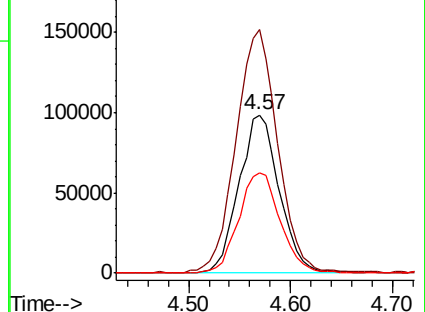
98 65.3 51.8 77.6

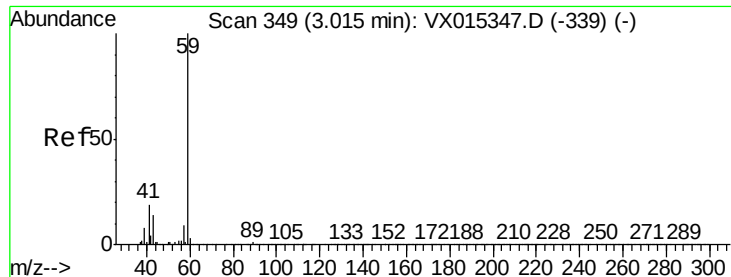


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#23

tert-Butyl Alcohol

Concen: 91.732 ug/l

RT: 3.01 min Scan# 348

Delta R.T. -0.01 min

Lab File: VX015616.D

Acq: 10 Apr 2020 13:18

Instrument :

MSVOA_X

ClientSampleId :

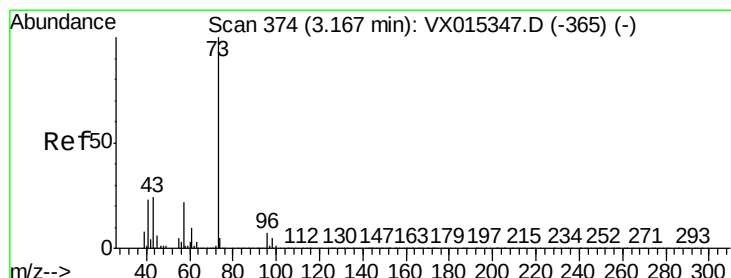
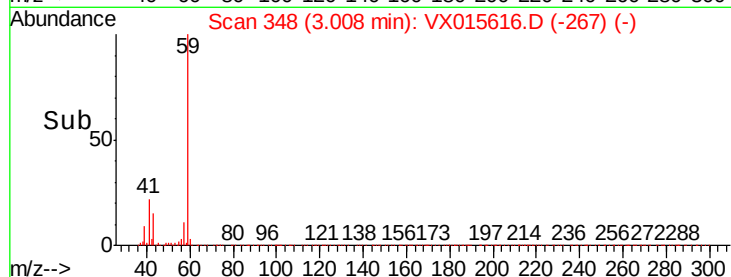
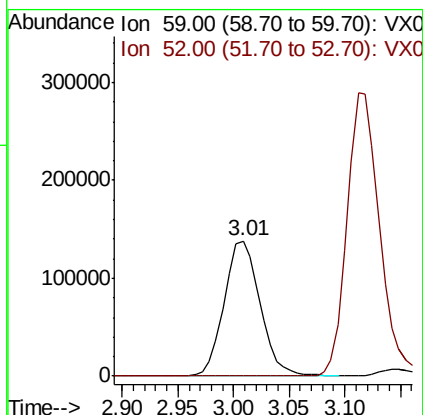
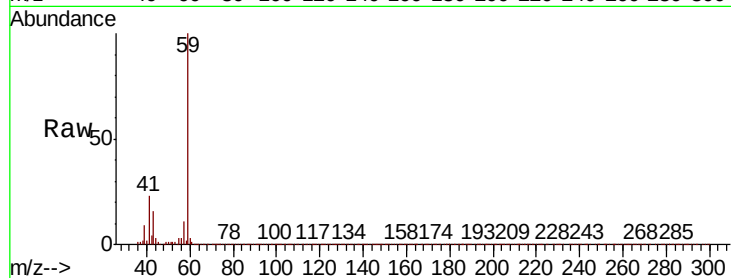
VX0410WBS02

Tot Ion: 59 Resp: 307205

Ion Ratio Lower Upper

59 100

52 0.1 0.2 0.2#



#24

Methyl tert-Butyl Ether

Concen: 20.476 ug/l

RT: 3.17 min Scan# 374

Delta R.T. -0.00 min

Lab File: VX015616.D

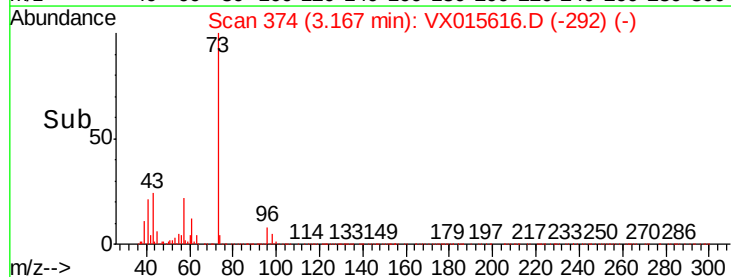
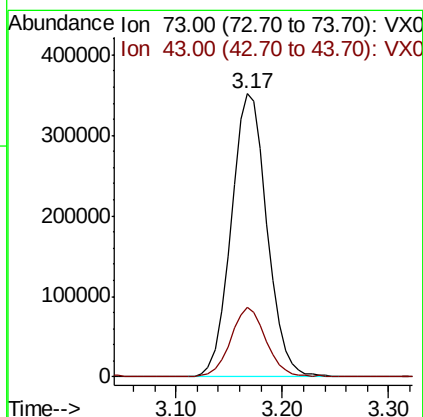
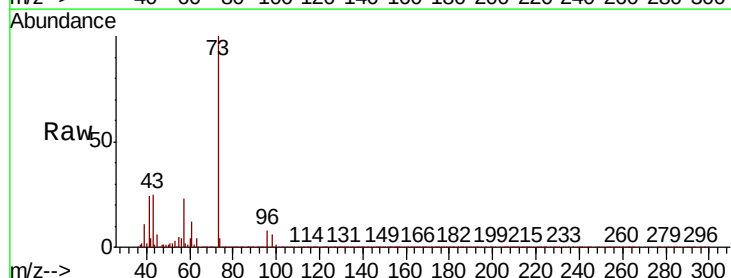
Acq: 10 Apr 2020 13:18

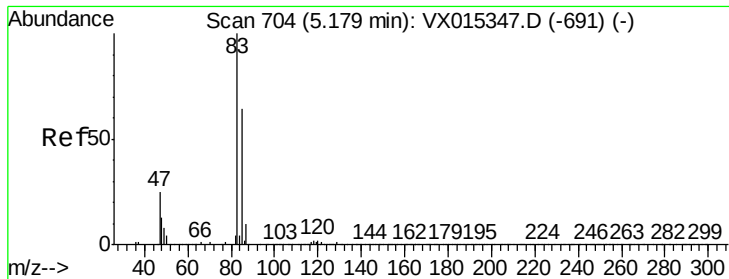
Tgt Ion: 73 Resp: 826261

Ion Ratio Lower Upper

73 100

43 23.7 19.2 28.8

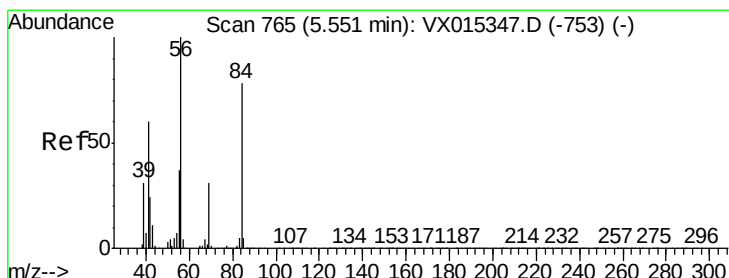
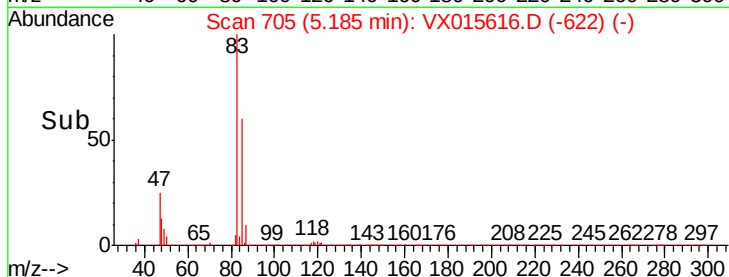
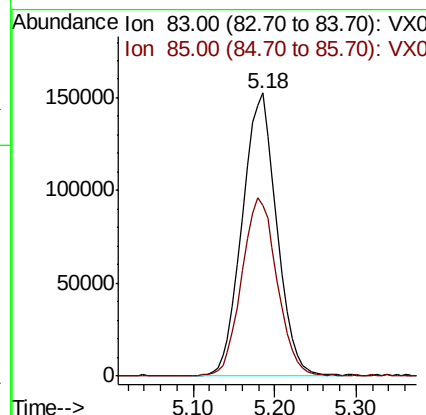
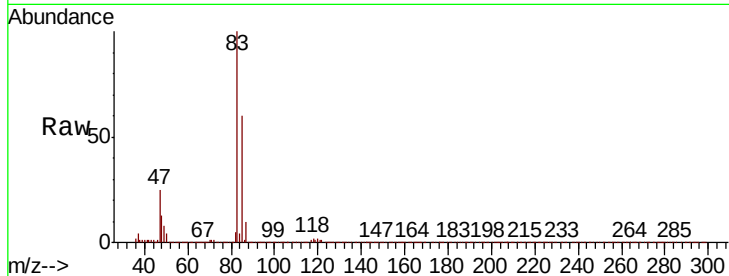




#25
Chloroform
Concen: 20.134 ug/l
RT: 5.18 min Scan# 705
Delta R.T. 0.01 min
Lab File: VX015616.D
Acq: 10 Apr 2020 13:18

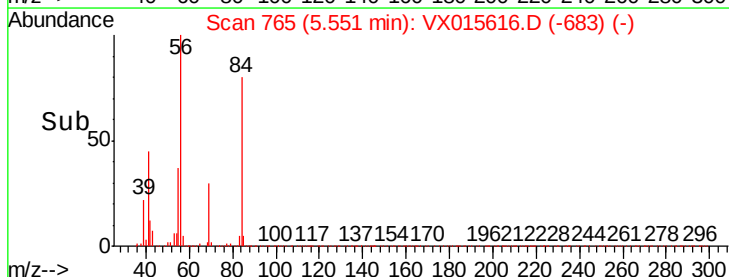
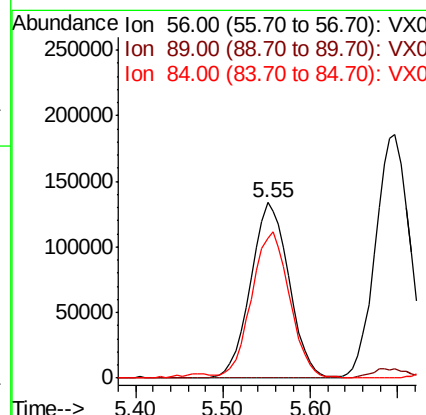
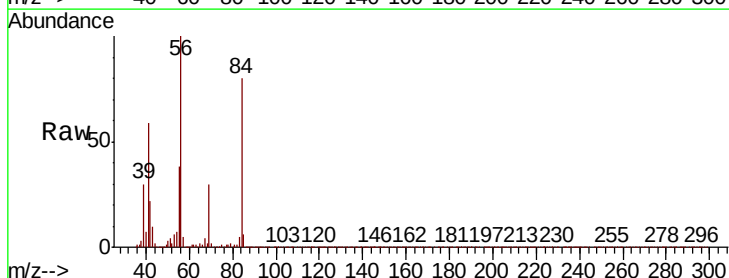
Instrument :
MSVOA_X
ClientSampleId :
VX0410WBS02

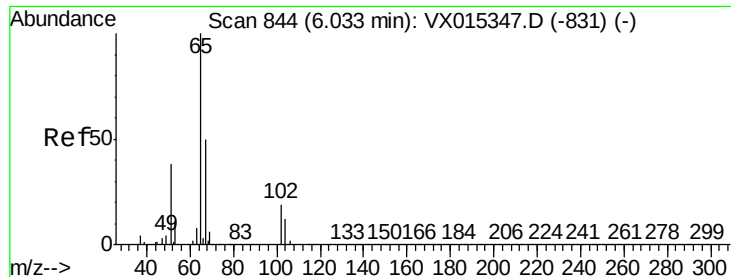
Tot Ion: 83 Resp: 447097
Ion Ratio Lower Upper
83 100
85 60.1 50.5 75.7



#26
Cyclohexane
Concen: 18.976 ug/l
RT: 5.55 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX015616.D
Acq: 10 Apr 2020 13:18

Tgt Ion: 56 Resp: 407306
Ion Ratio Lower Upper
56 100
89 0.1 0.1 0.1#
84 83.1 66.1 99.1

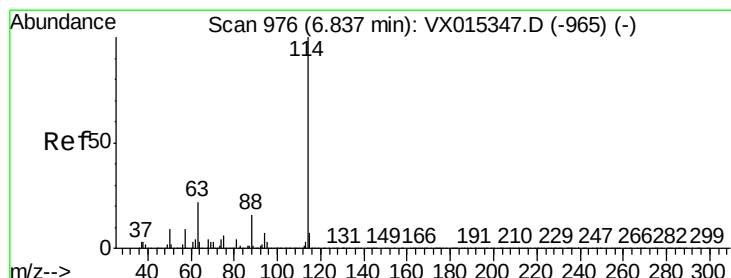
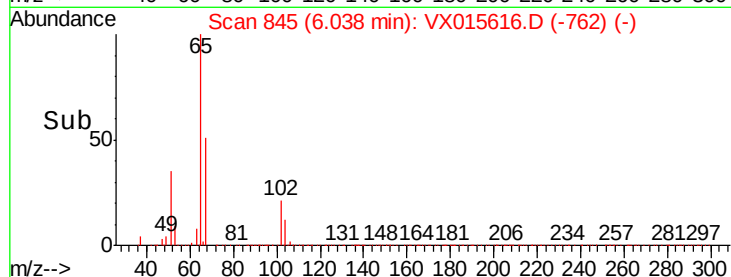
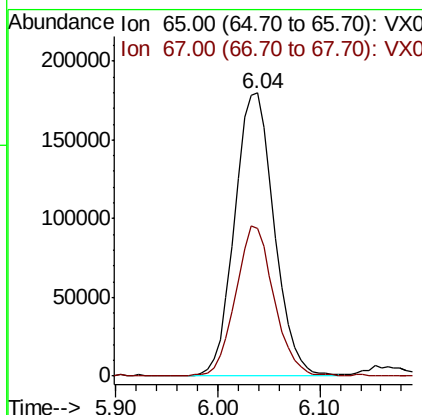
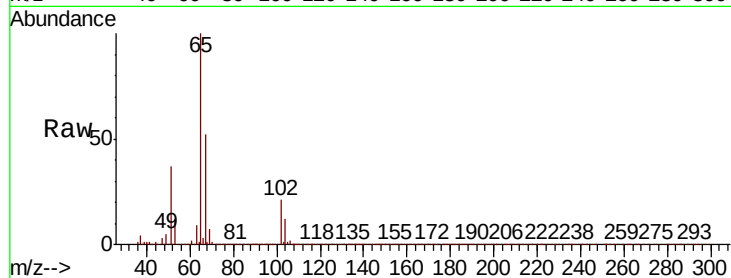




#27
 1,2-Dichloroethane-d4
 Concen: 30.907 ug/l
 RT: 6.04 min Scan# 845
 Delta R.T. 0.01 min
 Lab File: VX015616.D
 Acq: 10 Apr 2020 13:18

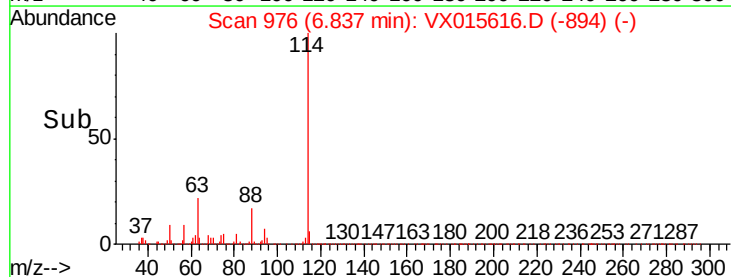
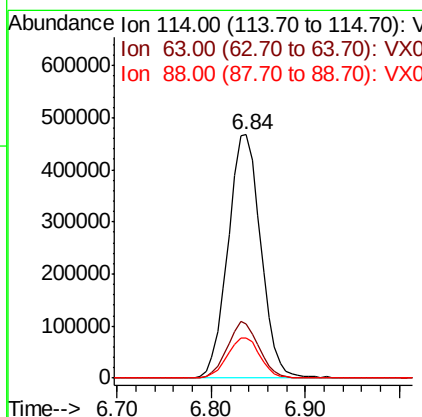
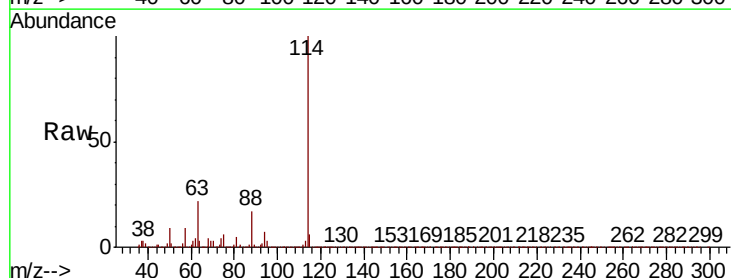
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0410WBS02

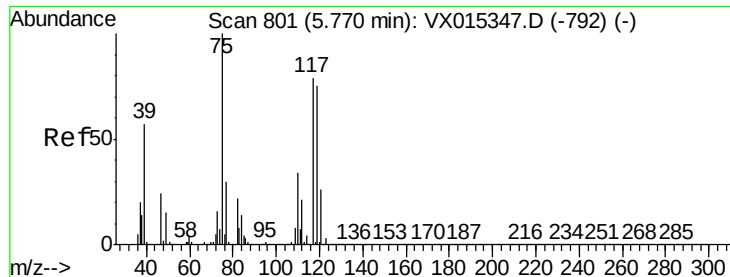
Tot Ion: 65 Resp: 482068
 Ion Ratio Lower Upper
 65 100
 67 51.4 40.9 61.3



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.84 min Scan# 976
 Delta R.T. -0.00 min
 Lab File: VX015616.D
 Acq: 10 Apr 2020 13:18

Tgt Ion: 114 Resp: 1132472
 Ion Ratio Lower Upper
 114 100
 63 22.0 17.4 26.2
 88 16.4 12.9 19.3

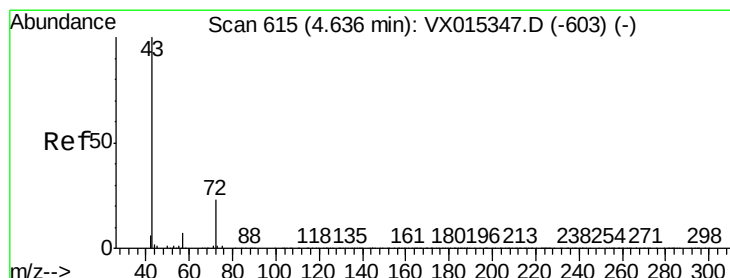
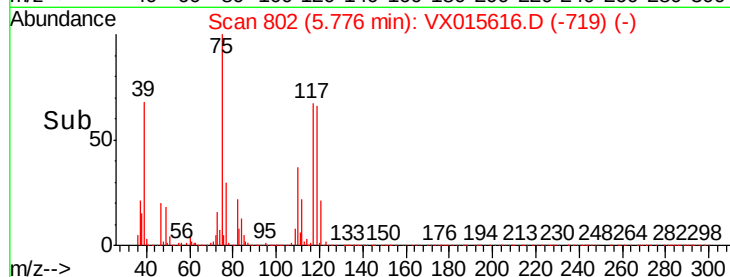
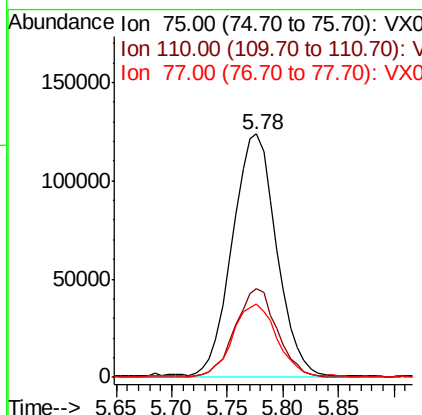
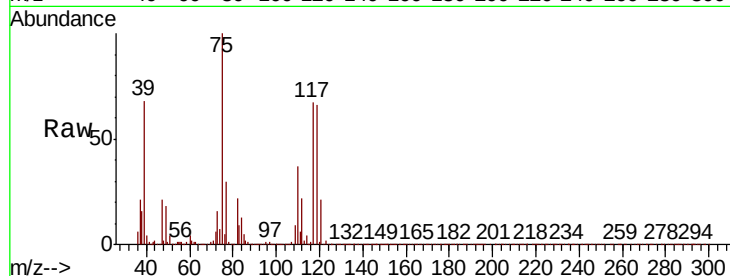




#29
 1,1-Dichloropropene
 Concen: 20.082 ug/l
 RT: 5.78 min Scan# 802
 Delta R.T. 0.01 min
 Lab File: VX015616.D
 Acq: 10 Apr 2020 13:18

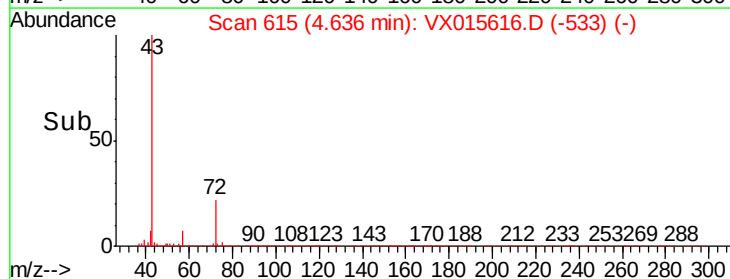
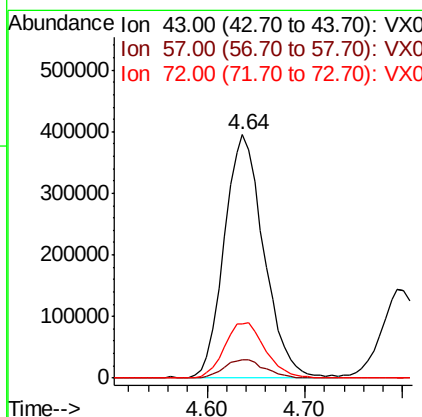
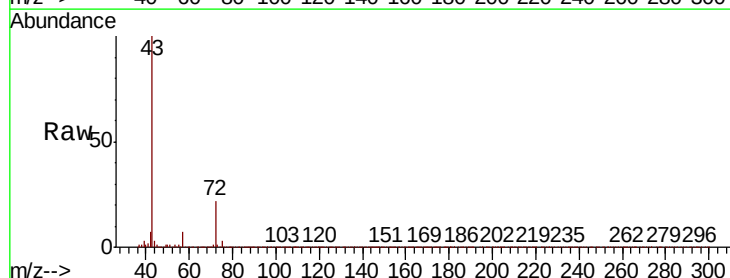
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0410WBS02

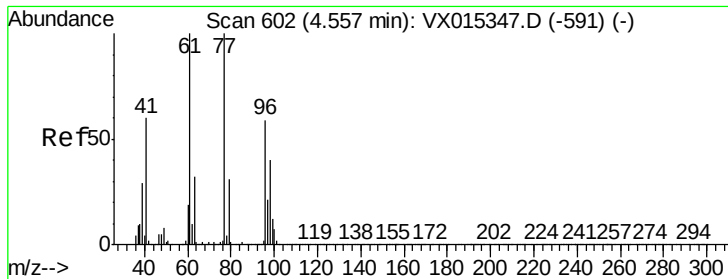
Tot Ion	Ratio	Lower	Upper
75	100		
110	34.6	0.0	71.2
77	29.8	0.0	62.2



#30
 2-Butanone
 Concen: 107.636 ug/l
 RT: 4.64 min Scan# 615
 Delta R.T. -0.00 min
 Lab File: VX015616.D
 Acq: 10 Apr 2020 13:18

Tgt Ion	Ratio	Lower	Upper
43	100		
57	7.5	5.9	8.9
72	23.4	18.6	27.8

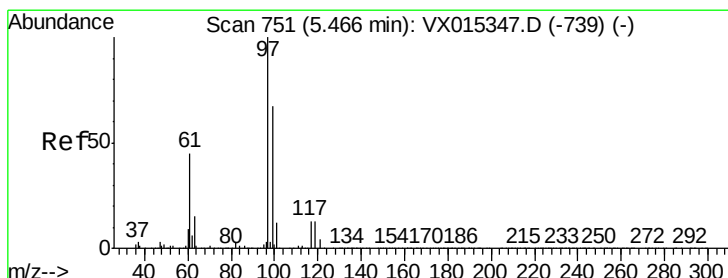
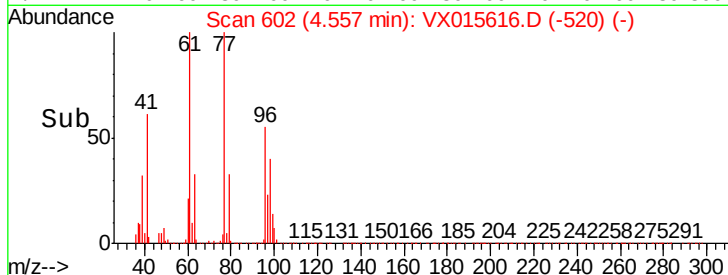
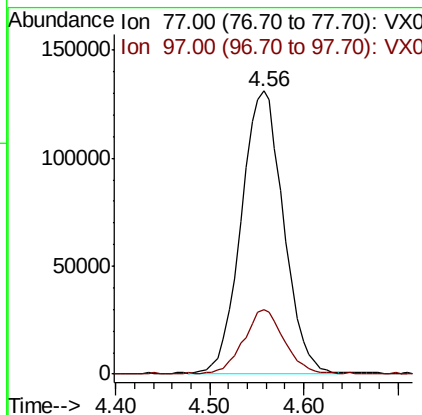
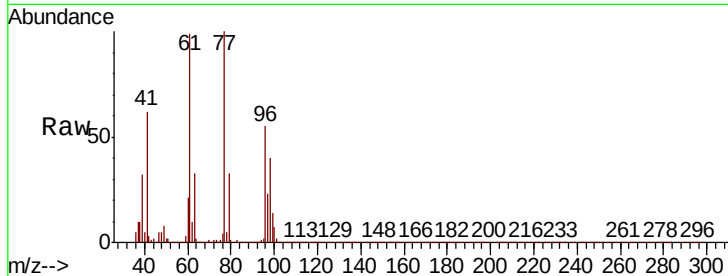




#31
 2,2-Dichloropropane
 Concen: 20.064 ug/l
 RT: 4.56 min Scan# 602
 Delta R.T. -0.00 min
 Lab File: VX015616.D
 Acq: 10 Apr 2020 13:18

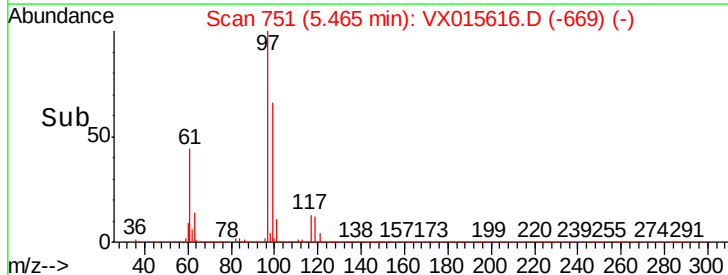
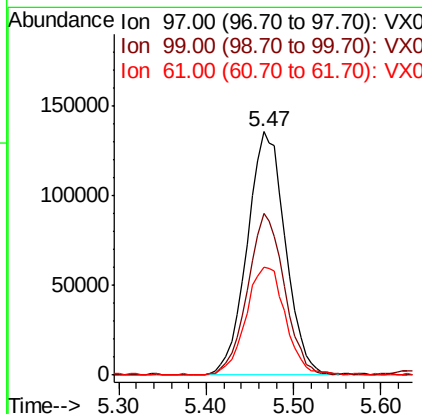
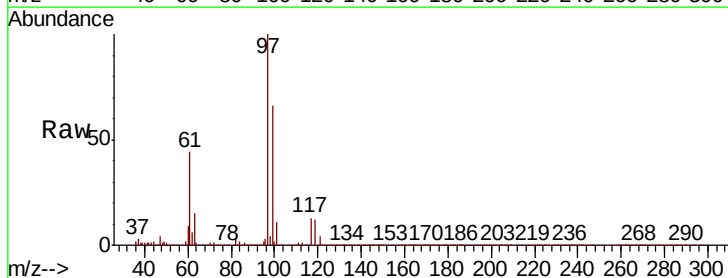
Instrument :
 MSVOA_X
 ClientSampled :
 VX0410WBS02

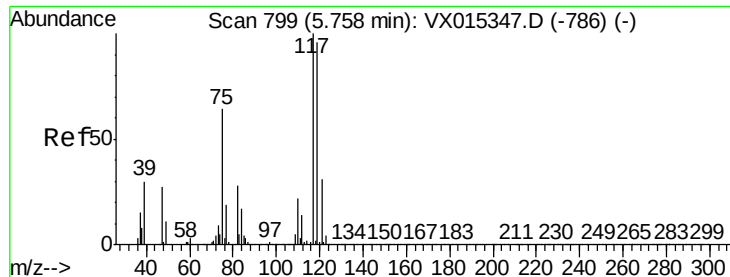
Tot Ion: 77 Resp: 410807
 Ion Ratio Lower Upper
 77 100
 97 21.8 17.8 26.8



#32
 1,1,1-Trichloroethane
 Concen: 19.774 ug/l
 RT: 5.47 min Scan# 751
 Delta R.T. -0.00 min
 Lab File: VX015616.D
 Acq: 10 Apr 2020 13:18

Tgt Ion: 97 Resp: 410479
 Ion Ratio Lower Upper
 97 100
 99 63.6 51.0 76.4
 61 45.3 35.8 53.8

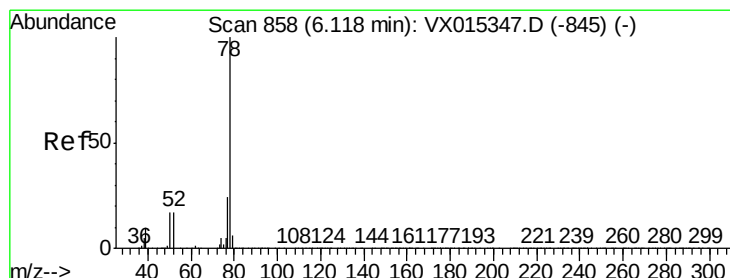
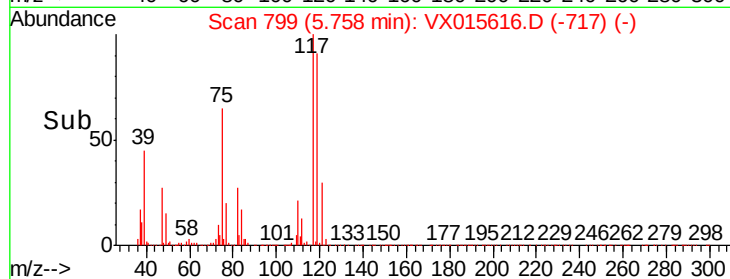
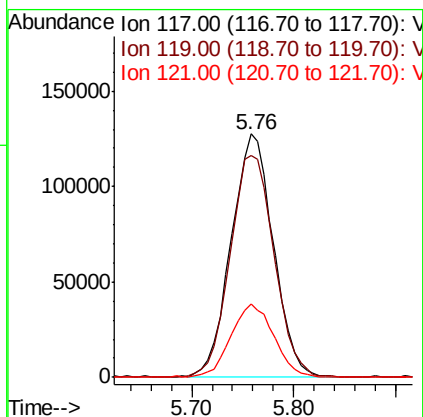
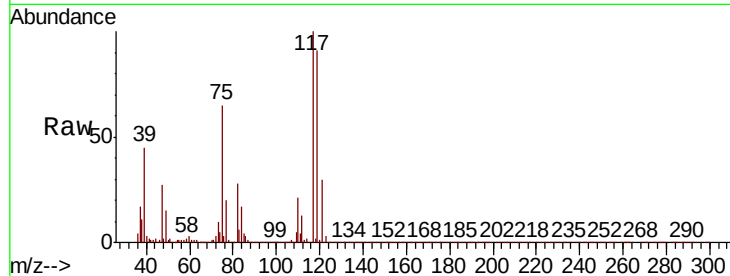




#33
Carbon Tetrachloride
Concen: 19.311 ug/l
RT: 5.76 min Scan# 799
Delta R.T. -0.00 min
Lab File: VX015616.D
Acq: 10 Apr 2020 13:18

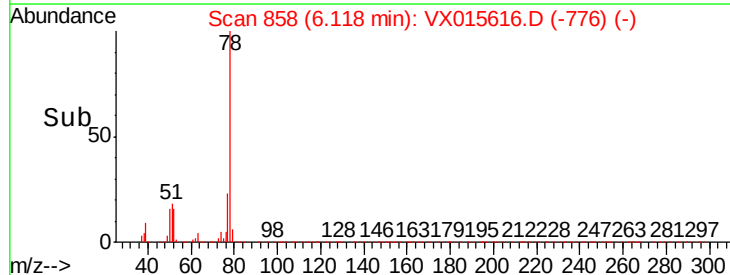
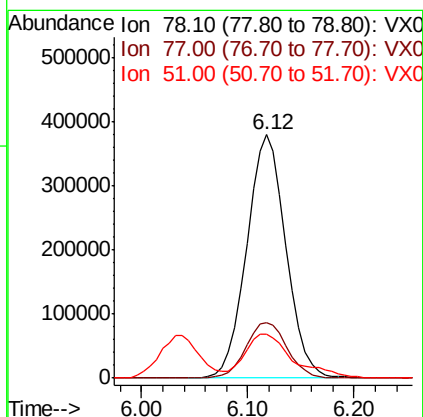
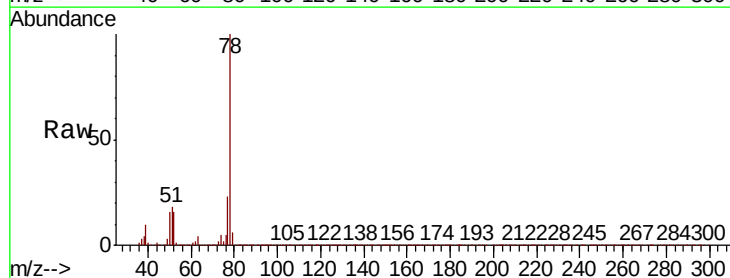
Instrument :
MSVOA_X
ClientSampleId :
VX0410WBS02

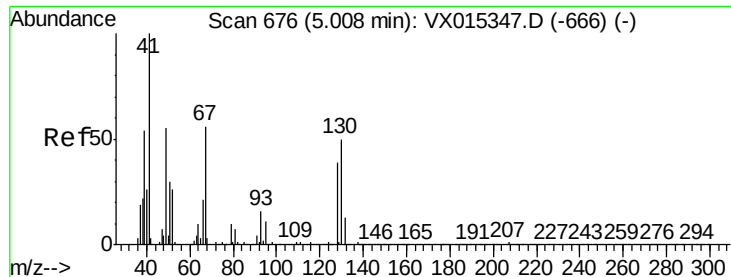
Tot Ion	Ratio	Lower	Upper
117	100		
119	91.2	76.6	114.8
121	29.7	25.0	37.4



#34
Benzene
Concen: 19.905 ug/l
RT: 6.12 min Scan# 858
Delta R.T. -0.00 min
Lab File: VX015616.D
Acq: 10 Apr 2020 13:18

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.8	19.4	29.2
51	16.2	14.6	21.8

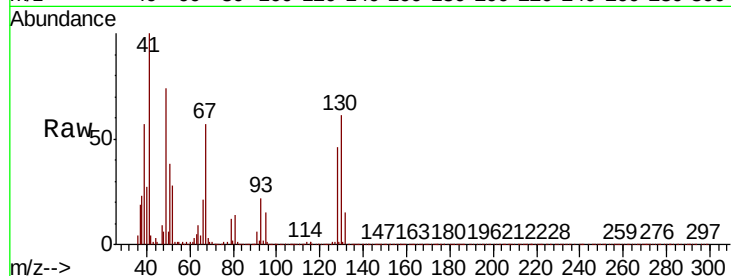




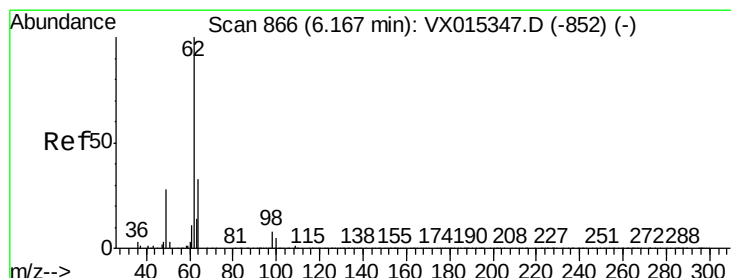
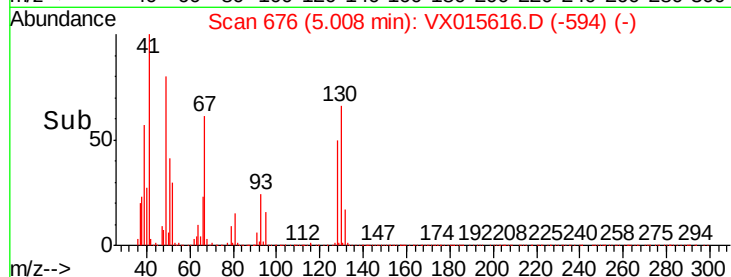
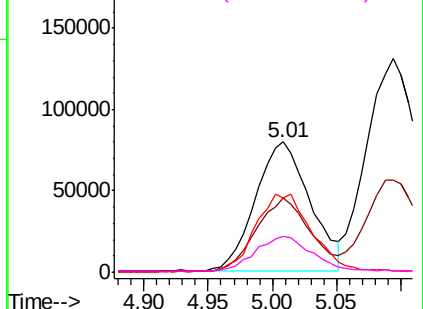
#35
Methacrylonitrile
Concen: 20.330 ug/l
RT: 5.01 min Scan# 676
Delta R.T. -0.00 min
Lab File: VX015616.D
Acq: 10 Apr 2020 13:18

Instrument :
MSVOA_X
ClientSampleId :
VX0410WBS02

Tot Ion:	41	Resp:	235141
Ion	Ratio	Lower	Upper
41	100		
39	56.2	27.0	81.0
67	57.0	28.2	84.6
52	27.4	12.8	38.3

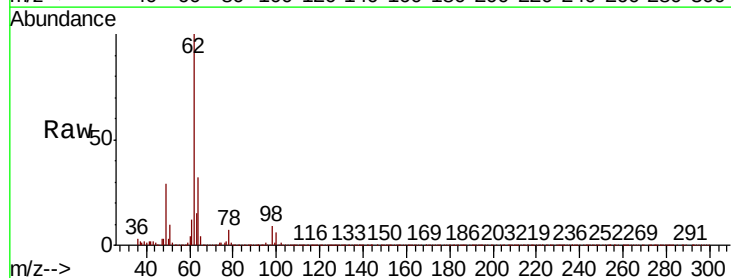


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

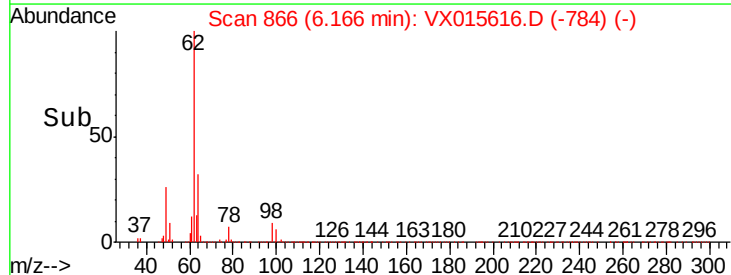
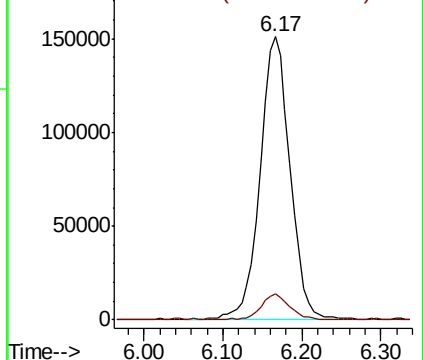


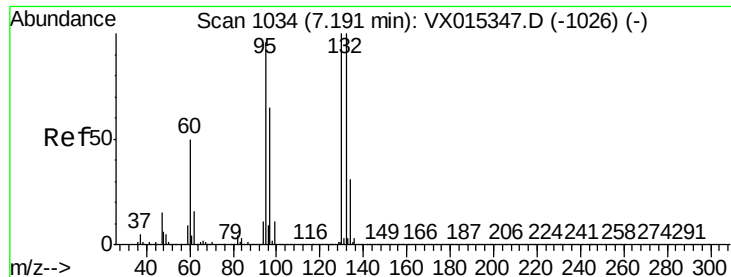
#36
1,2-Dichloroethane
Concen: 21.074 ug/l
RT: 6.17 min Scan# 866
Delta R.T. -0.00 min
Lab File: VX015616.D
Acq: 10 Apr 2020 13:18

Tgt Ion:	62	Resp:	399330
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

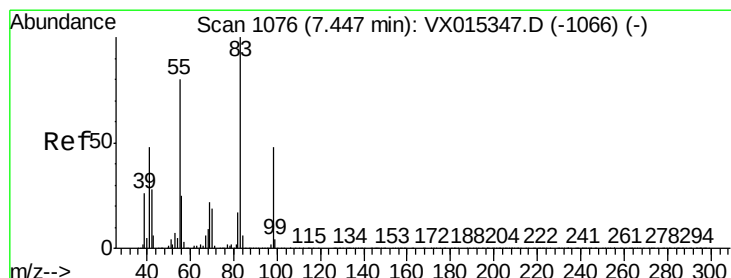
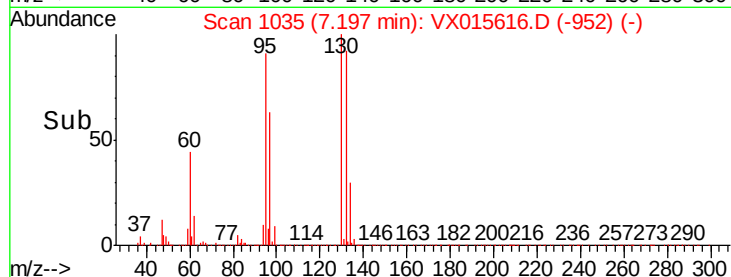
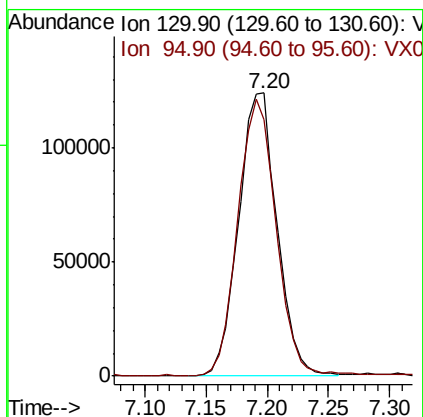
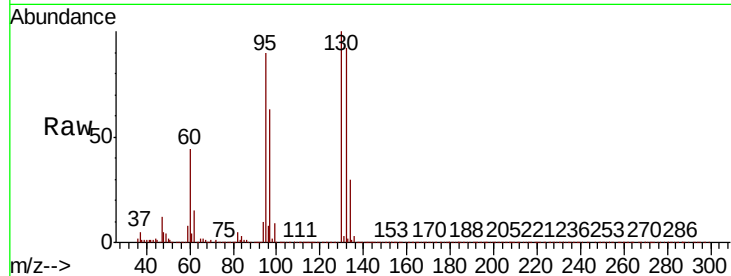




#37
 Trichloroethene
 Concen: 19.614 ug/l
 RT: 7.20 min Scan# 1035
 Delta R.T. 0.01 min
 Lab File: VX015616.D
 Acq: 10 Apr 2020 13:18

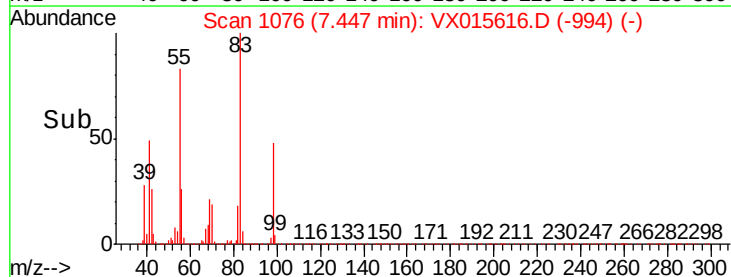
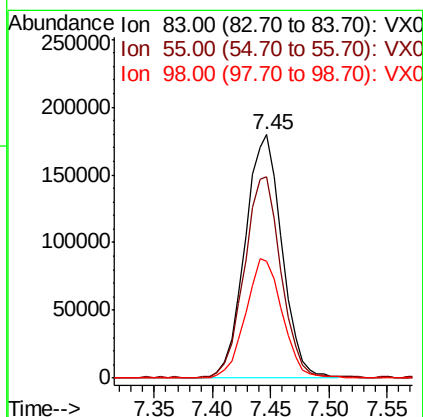
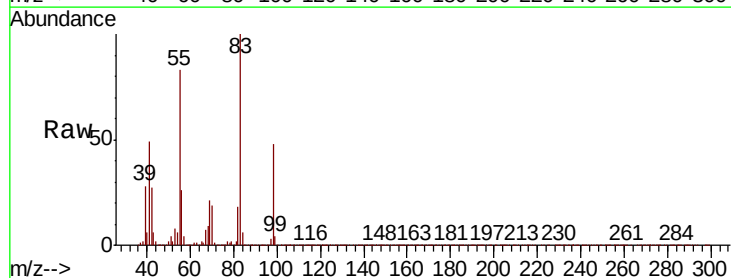
Instrument :
 MSVOA_X
 ClientSampled :
 VX0410WBS02

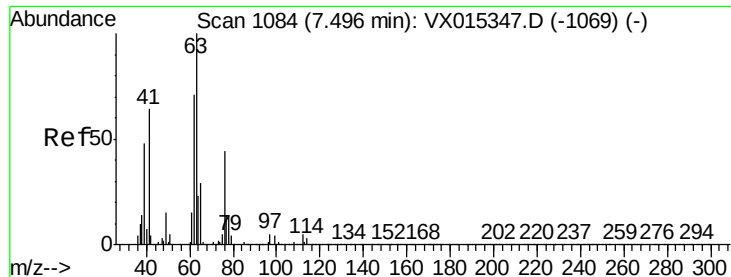
Tot Ion:130 Resp: 270823
 Ion Ratio Lower Upper
 130 100
 95 90.2 76.4 114.6



#38
 Methylcyclohexane
 Concen: 18.867 ug/l
 RT: 7.45 min Scan# 1076
 Delta R.T. -0.00 min
 Lab File: VX015616.D
 Acq: 10 Apr 2020 13:18

Tgt Ion: 83 Resp: 393527
 Ion Ratio Lower Upper
 83 100
 55 82.2 41.3 124.1
 98 48.5 24.0 72.0

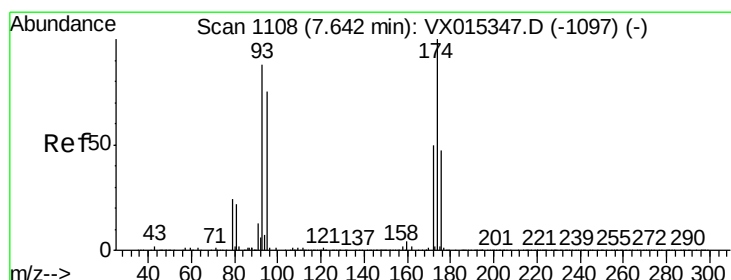
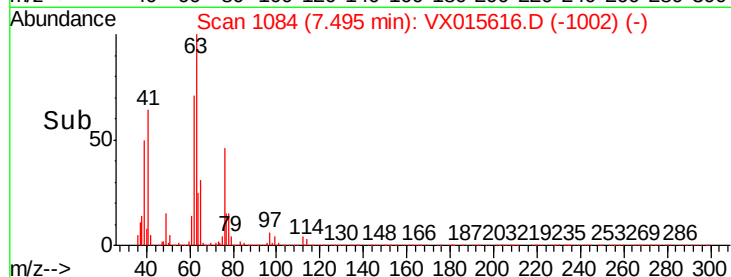
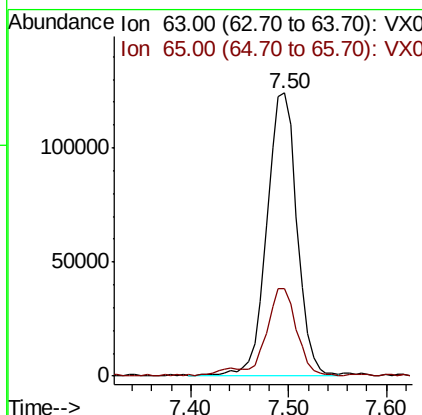
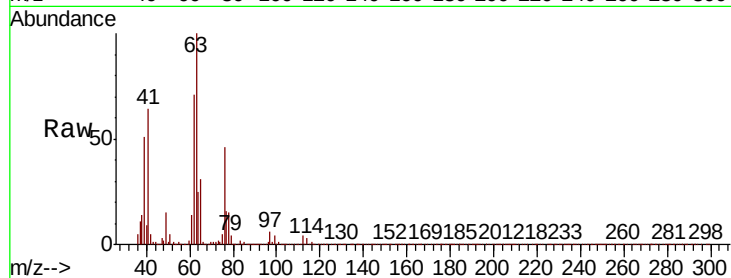




#39
 1,2-Dichloropropane
 Concen: 20.282 ug/l
 RT: 7.50 min Scan# 1084
 Delta R.T. -0.00 min
 Lab File: VX015616.D
 Acq: 10 Apr 2020 13:18

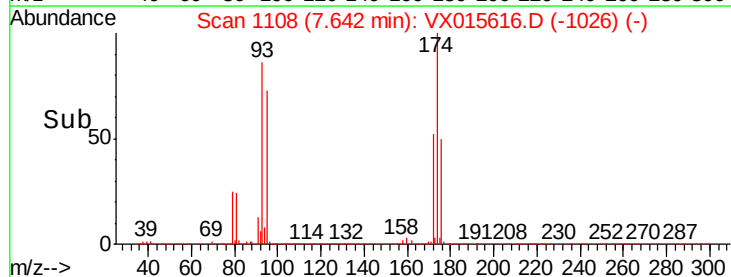
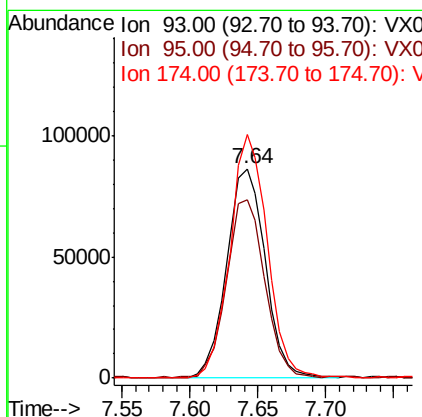
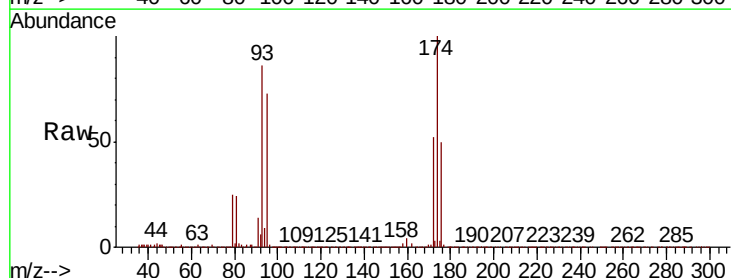
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0410WBS02

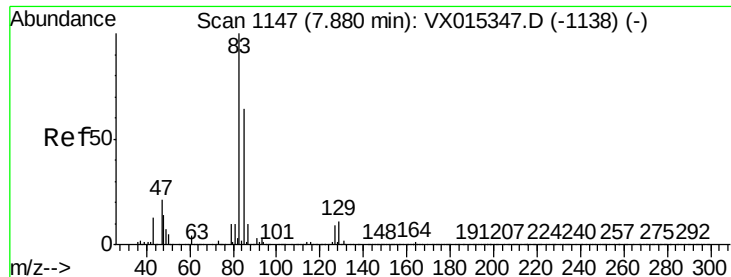
Tot Ion: 63 Resp: 267138
 Ion Ratio Lower Upper
 63 100
 65 30.5 23.0 34.4



#40
 Dibromomethane
 Concen: 19.556 ug/l
 RT: 7.64 min Scan# 1108
 Delta R.T. -0.00 min
 Lab File: VX015616.D
 Acq: 10 Apr 2020 13:18

Tgt Ion: 93 Resp: 171443
 Ion Ratio Lower Upper
 93 100
 95 84.2 0.0 166.4
 174 112.5 0.0 225.4





#41

Bromodichloromethane

Concen: 19.302 ug/l

RT: 7.88 min Scan# 1147

Delta R.T. -0.00 min

Lab File: VX015616.D

Acq: 10 Apr 2020 13:18

Instrument :

MSVOA_X

ClientSampleId :

VX0410WBS02

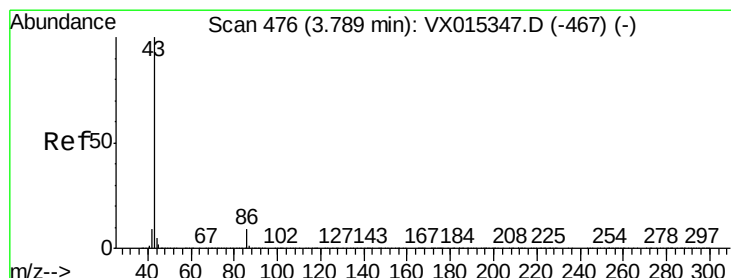
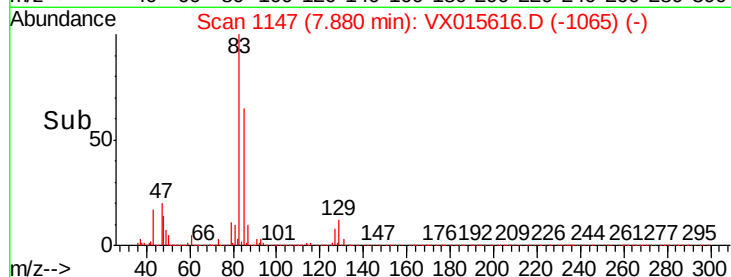
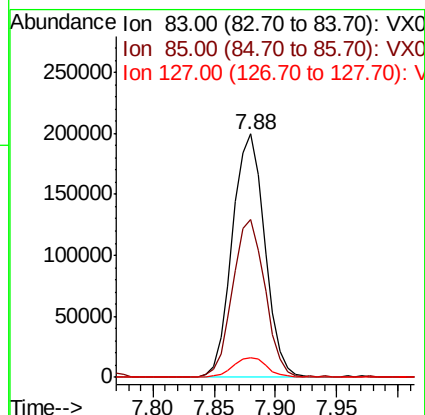
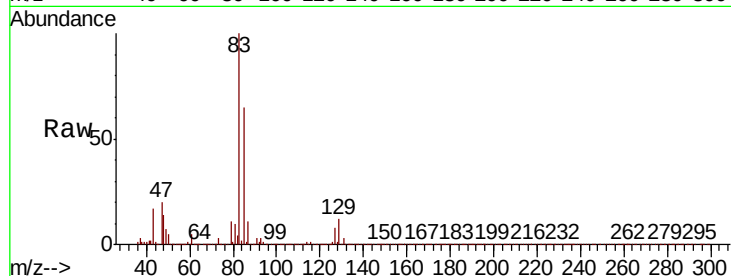
Tot Ion: 83 Resp: 367763

Ion Ratio Lower Upper

83 100

85 64.5 51.6 77.4

127 8.0 7.0 10.4



#42

Vinyl Acetate

Concen: 102.302 ug/l

RT: 3.79 min Scan# 476

Delta R.T. -0.00 min

Lab File: VX015616.D

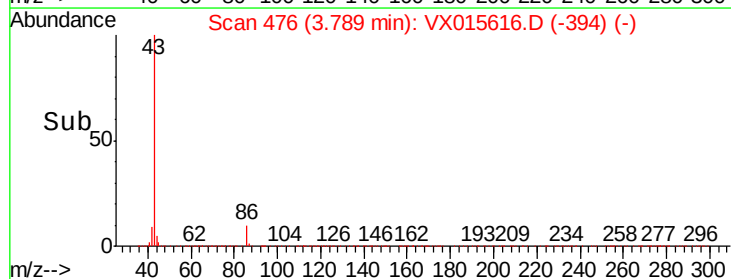
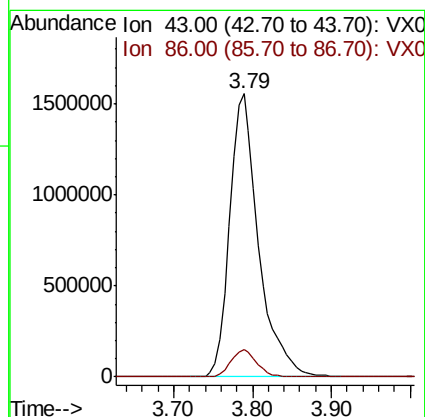
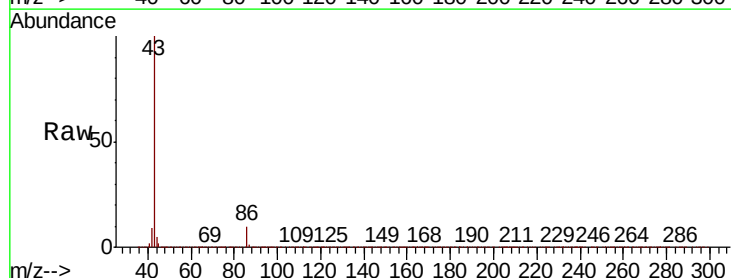
Acq: 10 Apr 2020 13:18

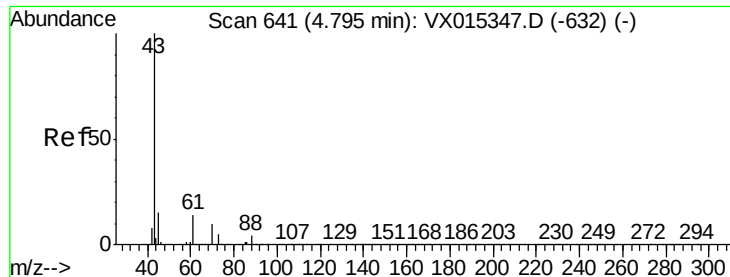
Tgt Ion: 43 Resp: 3953569

Ion Ratio Lower Upper

43 100

86 8.7 6.9 10.3

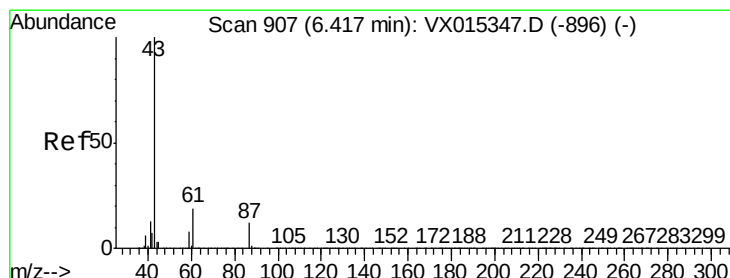
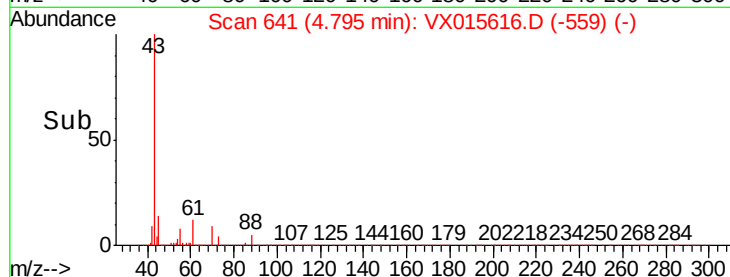
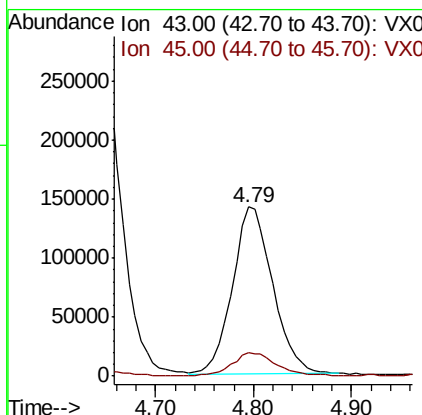
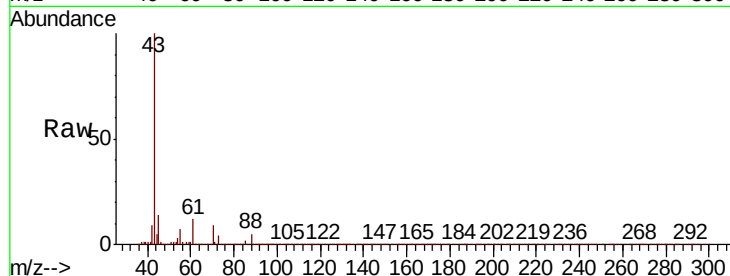




#43
Ethyl Acetate
Concen: 18.142 ug/l
RT: 4.79 min Scan# 641
Delta R.T. -0.00 min
Lab File: VX015616.D
Acq: 10 Apr 2020 13:18

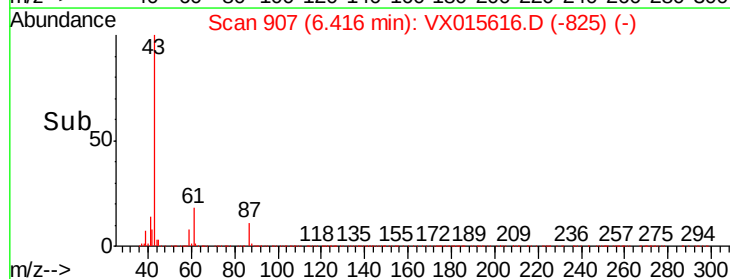
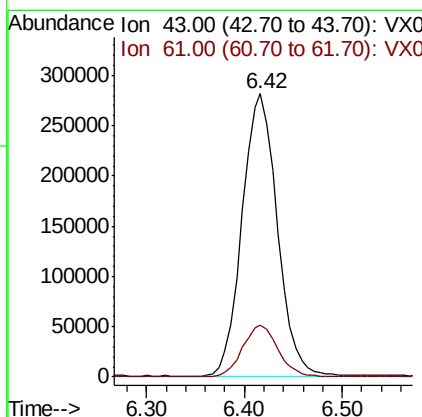
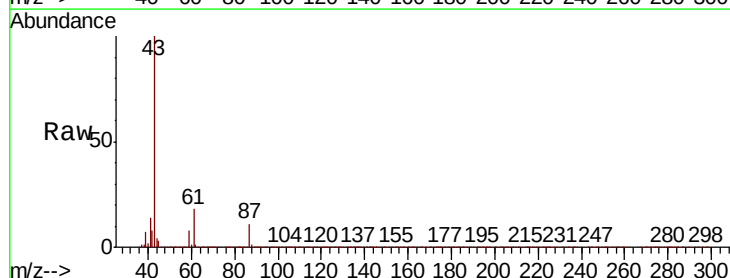
Instrument :
MSVOA_X
ClientSampleId :
VX0410WBS02

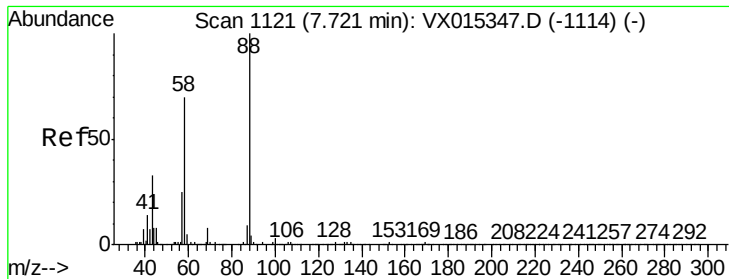
Tot Ion: 43 Resp: 402511
Ion Ratio Lower Upper
43 100
45 15.0 12.2 18.4



#44
Isopropyl Acetate
Concen: 19.683 ug/l
RT: 6.42 min Scan# 907
Delta R.T. -0.00 min
Lab File: VX015616.D
Acq: 10 Apr 2020 13:18

Tgt Ion: 43 Resp: 702786
Ion Ratio Lower Upper
43 100
61 18.3 14.6 22.0





#45

1,4-Dioxane

Concen: 353.628 ug/l

RT: 7.71 min Scan# 1120

Delta R.T. -0.01 min

Lab File: VX015616.D

Acq: 10 Apr 2020 13:18

Instrument :

MSVOA_X

ClientSampleId :

VX0410WBS02

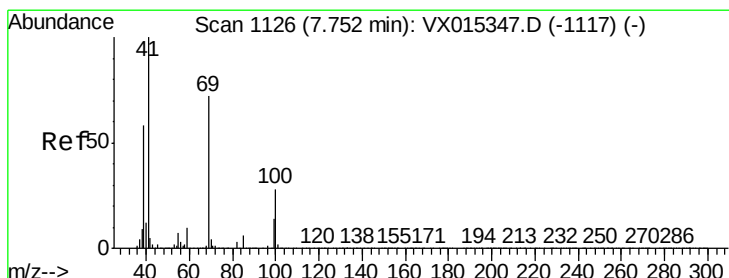
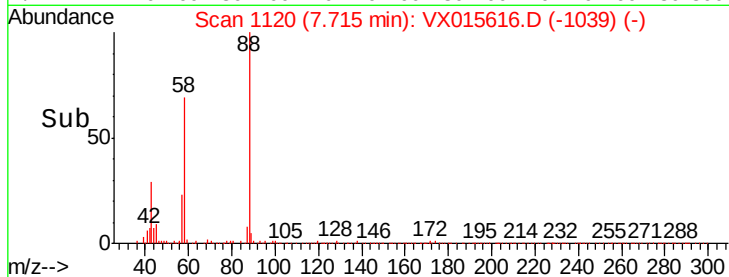
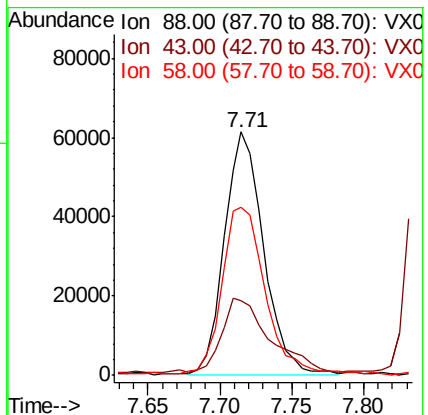
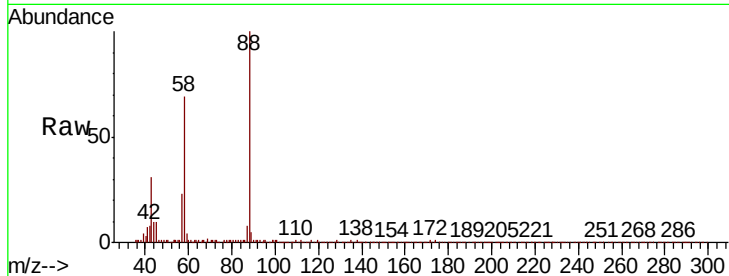
Tot Ion: 88 Resp: 116317

Ion Ratio Lower Upper

88 100

43 36.4 32.1 48.1

58 74.9 59.4 89.0



#46

Methyl methacrylate

Concen: 19.572 ug/l

RT: 7.75 min Scan# 1126

Delta R.T. -0.00 min

Lab File: VX015616.D

Acq: 10 Apr 2020 13:18

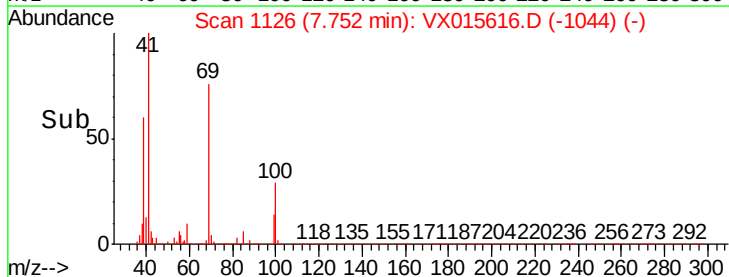
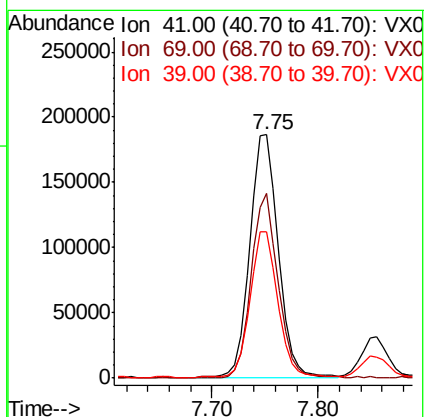
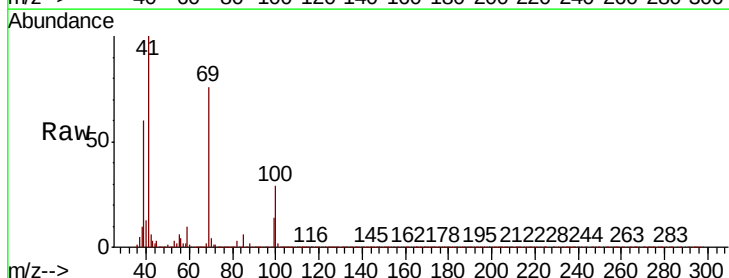
Tgt Ion: 41 Resp: 348731

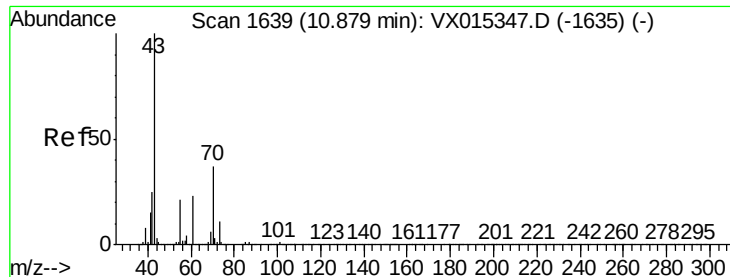
Ion Ratio Lower Upper

41 100

69 76.0 35.8 107.4

39 60.2 28.9 86.8





#47

n-amvl Acetate

Concen: 19.481 ug/l

RT: 10.89 min Scan# 1640

Delta R.T. 0.01 min

Lab File: VX015616.D

Acq: 10 Apr 2020 13:18

Instrument :

MSVOA_X

ClientSampleId :

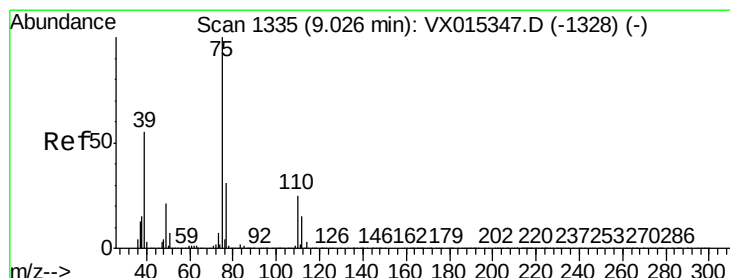
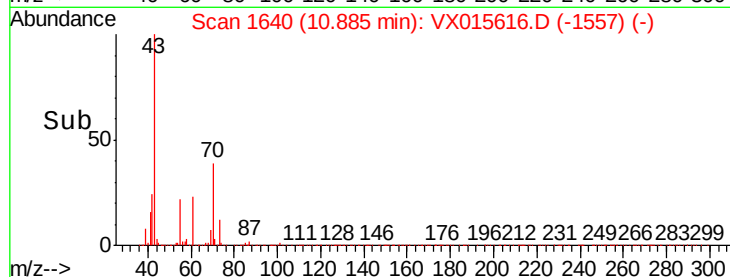
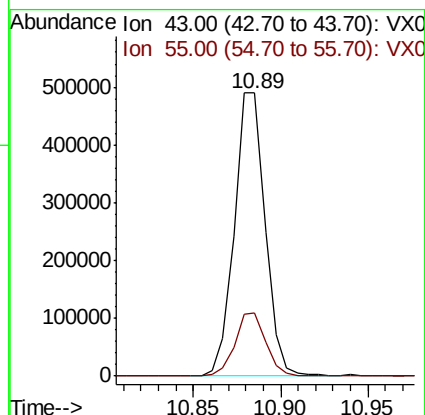
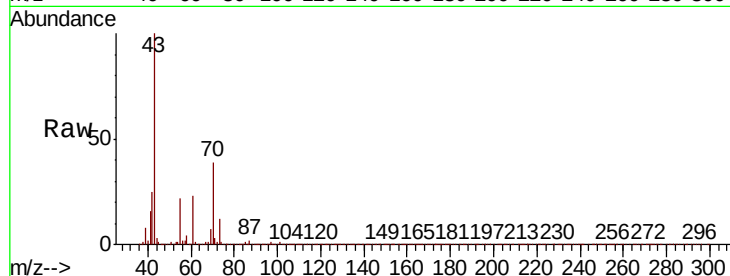
VX0410WBS02

Tot Ion: 43 Resp: 599758

Ion Ratio Lower Upper

43 100

55 22.3 17.0 25.6



#48

t-1,3-Dichloropropene

Concen: 19.070 ug/l

RT: 9.03 min Scan# 1335

Delta R.T. -0.00 min

Lab File: VX015616.D

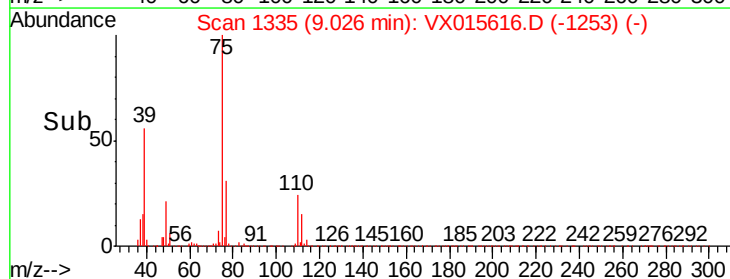
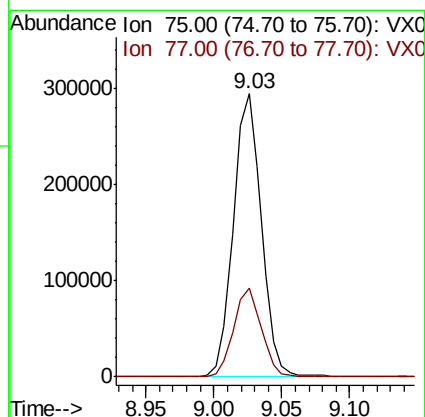
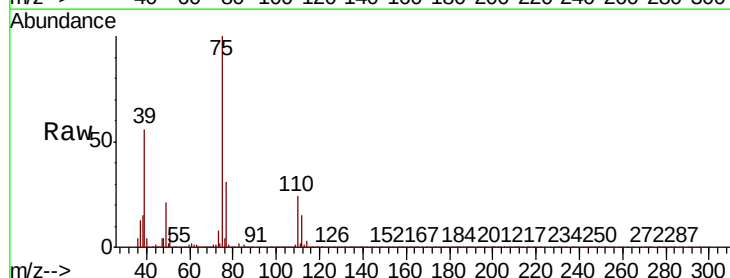
Acq: 10 Apr 2020 13:18

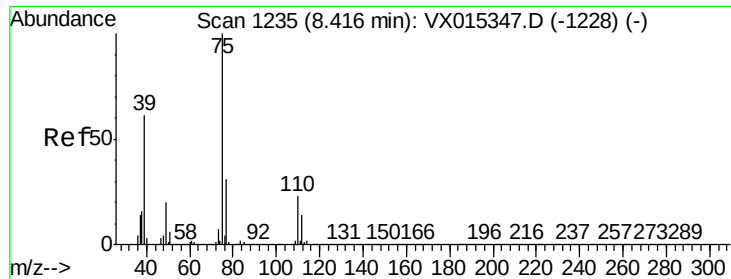
Tgt Ion: 75 Resp: 419442

Ion Ratio Lower Upper

75 100

77 31.3 24.6 37.0



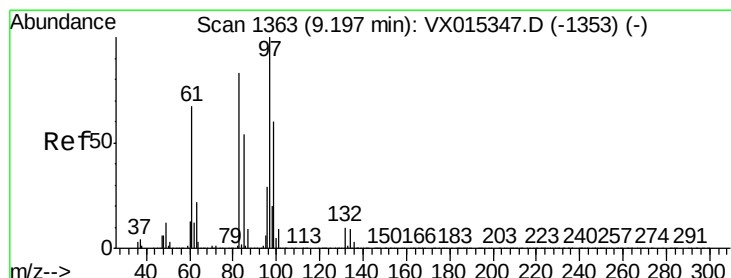
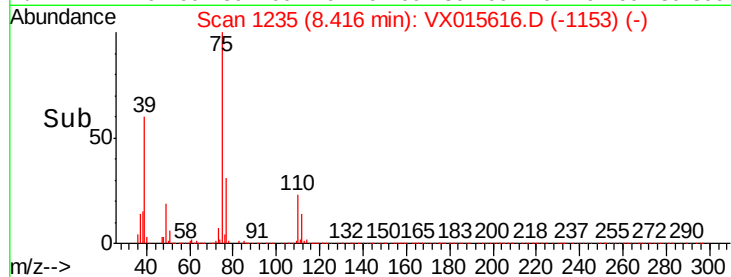
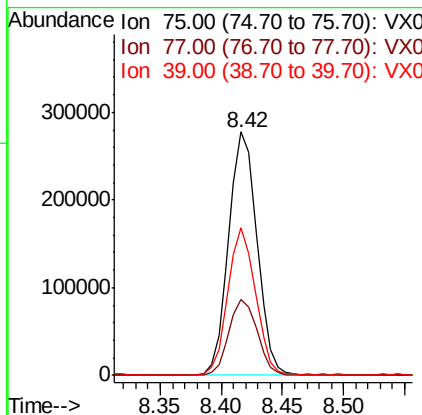
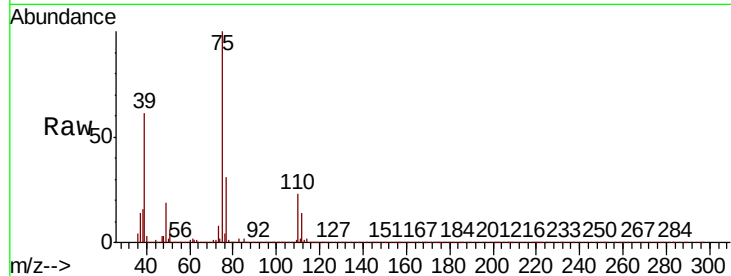


#49

cis-1,3-Dichloropropene
 Concen: 19.664 ug/l
 RT: 8.42 min Scan# 1235
 Delta R.T. -0.00 min
 Lab File: VX015616.D
 Acq: 10 Apr 2020 13:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0410WBS02

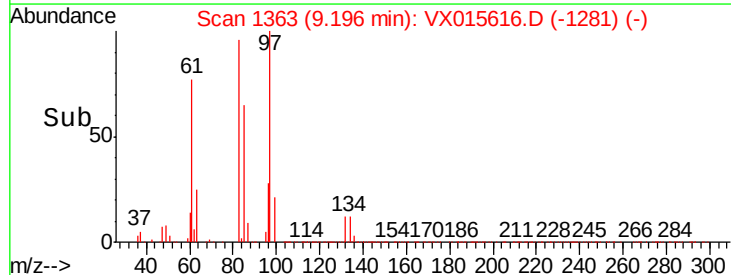
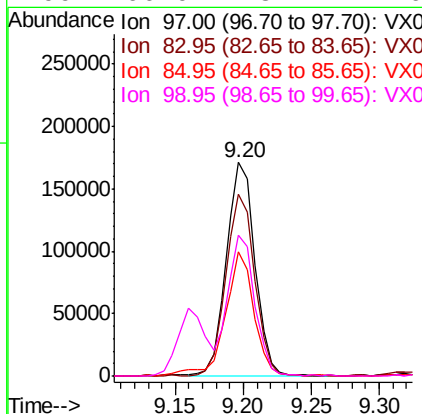
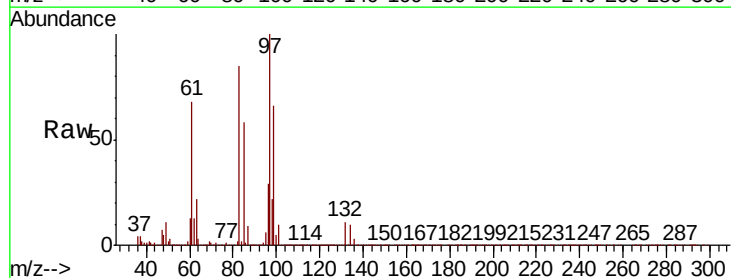
Tot Ion	Ratio	Lower	Upper
75	100		
77	31.3	24.6	36.8
39	60.5	48.9	73.3

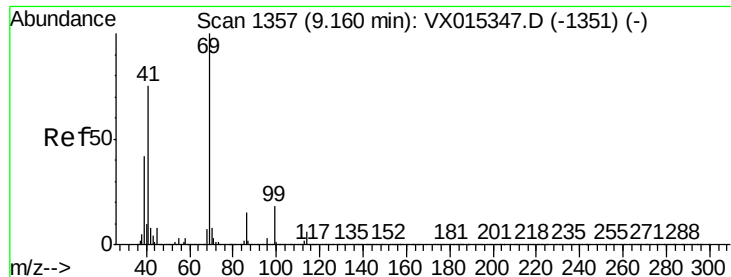


#50

1,1,2-Trichloroethane
 Concen: 19.858 ug/l
 RT: 9.20 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VX015616.D
 Acq: 10 Apr 2020 13:18

Tgt Ion	Ratio	Lower	Upper
97	100		
83	85.0	66.8	100.2
85	57.8	43.3	64.9
99	66.0	48.4	72.6





#51

Ethyl methacrylate

Concen: 19.516 ug/l

RT: 9.16 min Scan# 1357

Delta R.T. -0.00 min

Lab File: VX015616.D

Acq: 10 Apr 2020 13:18

Instrument :

MSVOA_X

ClientSampleId :

VX0410WBS02

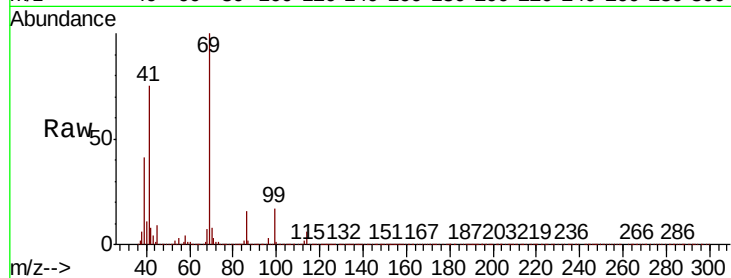
Tot Ion: 69 Resp: 422297

Ion Ratio Lower Upper

69 100

41 74.4 37.4 112.2

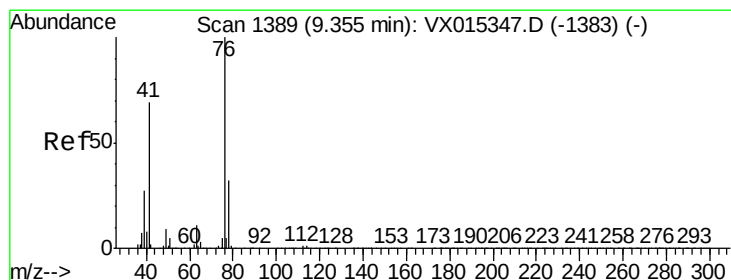
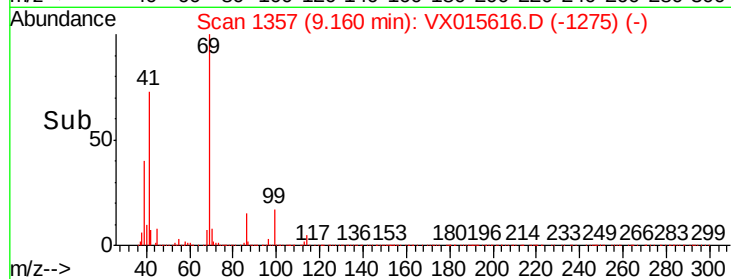
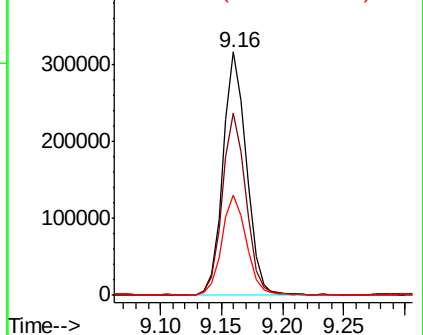
39 41.0 21.1 63.1



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: 20.278 ug/l

RT: 9.35 min Scan# 1389

Delta R.T. -0.00 min

Lab File: VX015616.D

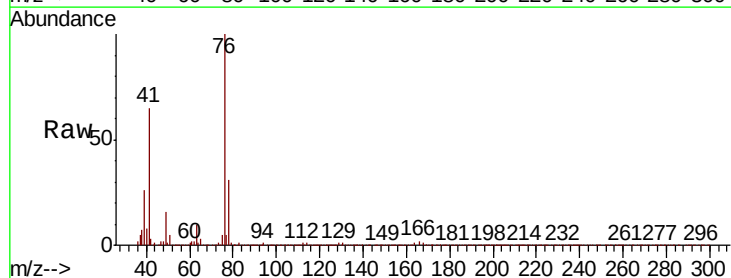
Acq: 10 Apr 2020 13:18

Tgt Ion: 76 Resp: 440673

Ion Ratio Lower Upper

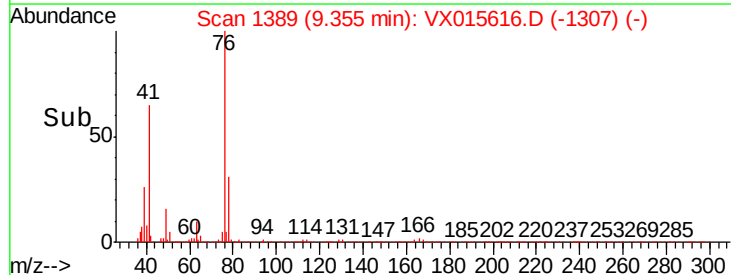
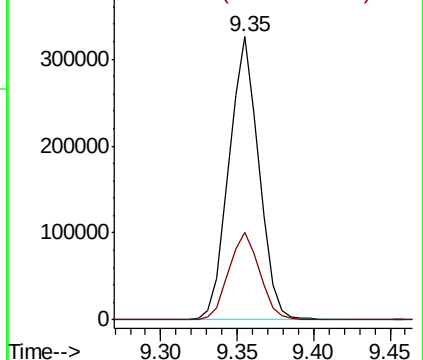
76 100

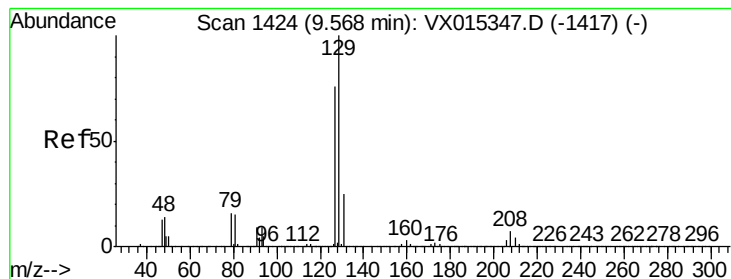
78 31.9 0.0 63.2



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





#53

Dibromochloromethane

Concen: 18.864 ug/l

RT: 9.56 min Scan# 1423

Delta R.T. -0.01 min

Lab File: VX015616.D

Acq: 10 Apr 2020 13:18

Instrument :

MSVOA_X

ClientSampleId :

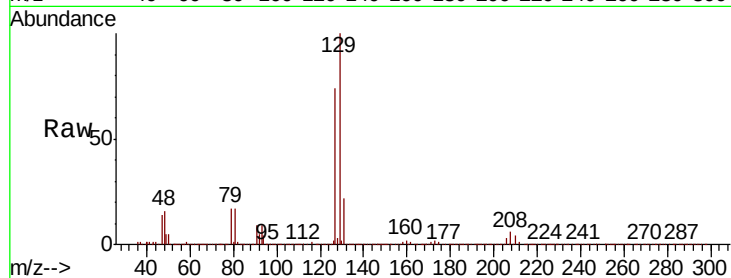
VX0410WBS02

Tot Ion:129 Resp: 292574

Ion Ratio Lower Upper

129 100

127 77.4 38.6 115.7



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

200000

150000

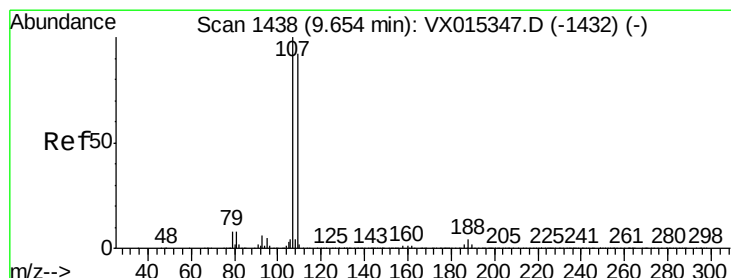
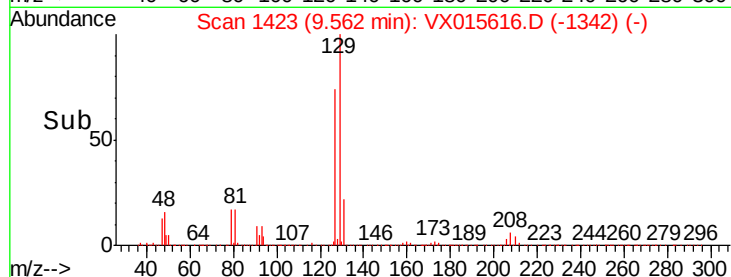
100000

50000

0

9.50 9.55 9.60

Time-->



#54

1,2-Dibromoethane

Concen: 19.972 ug/l

RT: 9.65 min Scan# 1438

Delta R.T. -0.00 min

Lab File: VX015616.D

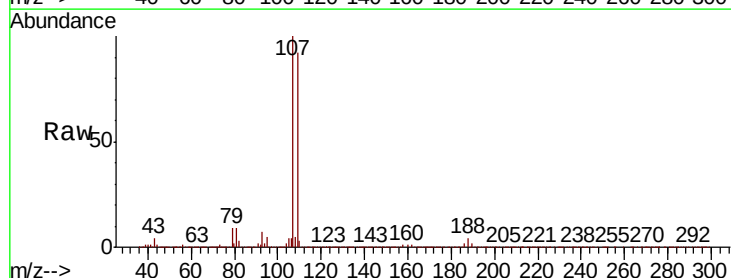
Acq: 10 Apr 2020 13:18

Tgt Ion:107 Resp: 269615

Ion Ratio Lower Upper

107 100

109 92.8 75.0 112.6



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

200000

150000

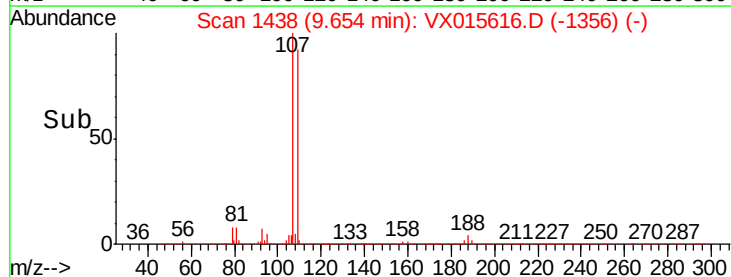
100000

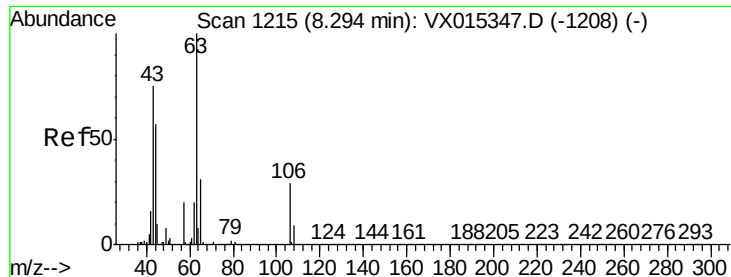
50000

0

9.60 9.65 9.70

Time-->

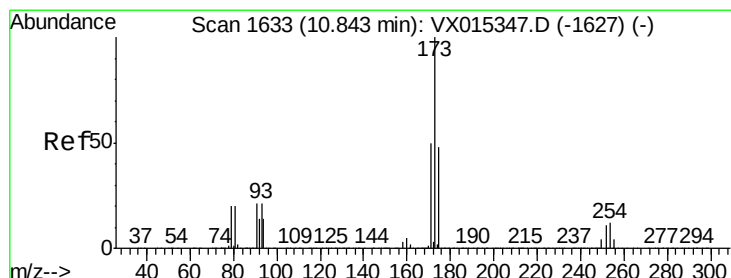
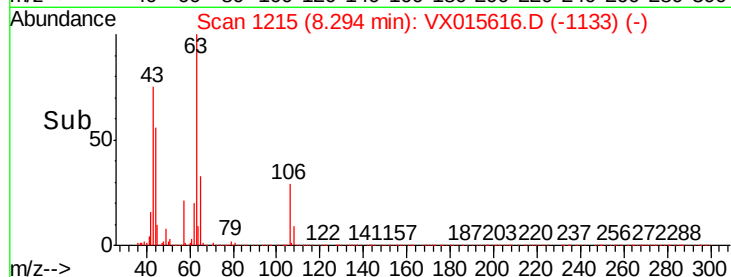
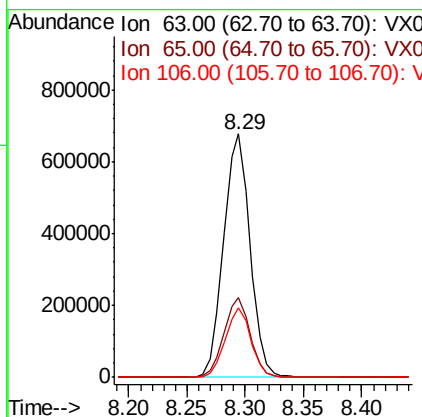
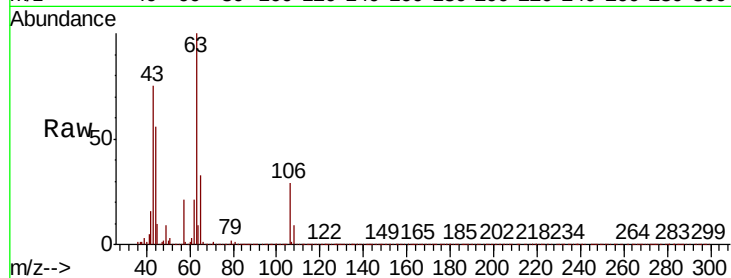




#55
2-Chloroethyl vinyl ether
Concen: 103.830 ug/l
RT: 8.29 min Scan# 1215
Delta R.T. -0.00 min
Lab File: VX015616.D
Acq: 10 Apr 2020 13:18

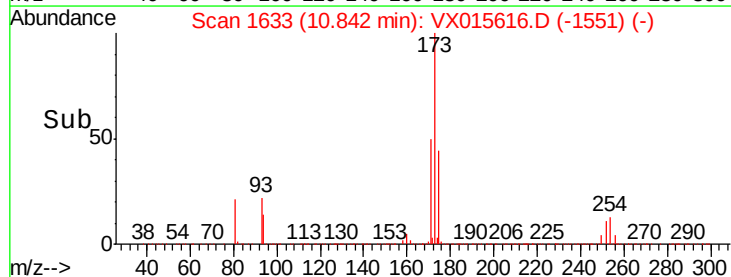
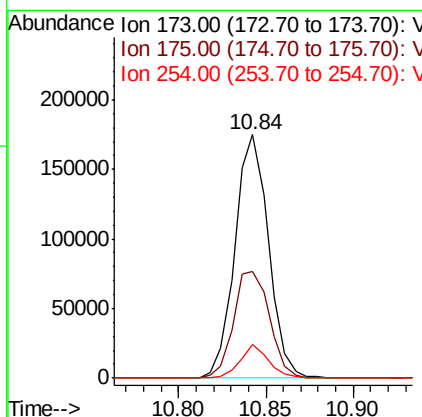
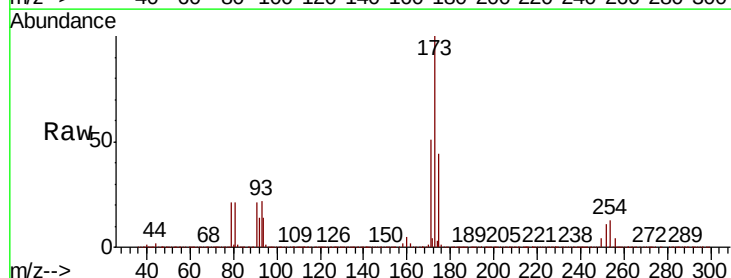
Instrument :
MSVOA_X
ClientSampleId :
VX0410WBS02

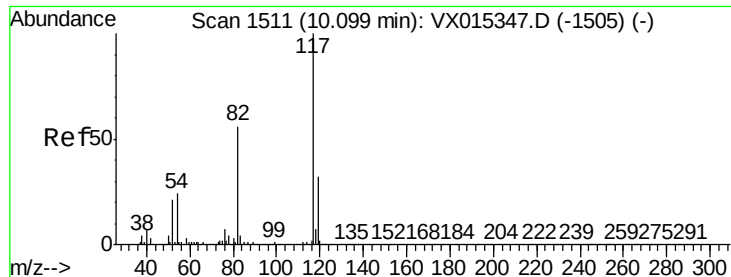
Tot Ion: 63 Resp: 1061125
Ion Ratio Lower Upper
63 100
65 32.4 25.5 38.3
106 28.0 23.1 34.7



#56
Bromoform
Concen: 18.276 ug/l
RT: 10.84 min Scan# 1633
Delta R.T. -0.00 min
Lab File: VX015616.D
Acq: 10 Apr 2020 13:18

Tgt Ion: 173 Resp: 233064
Ion Ratio Lower Upper
173 100
175 46.9 39.0 58.4
254 11.7 9.4 14.2

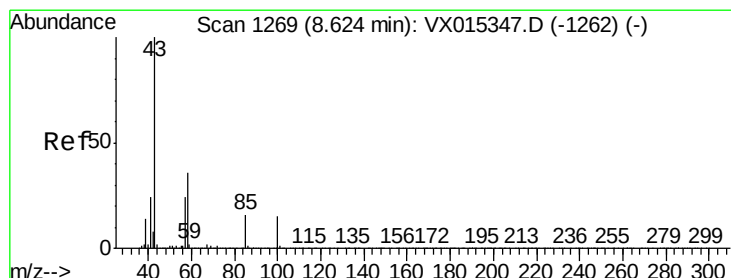
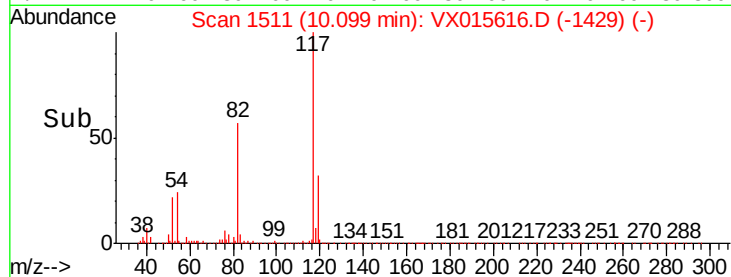
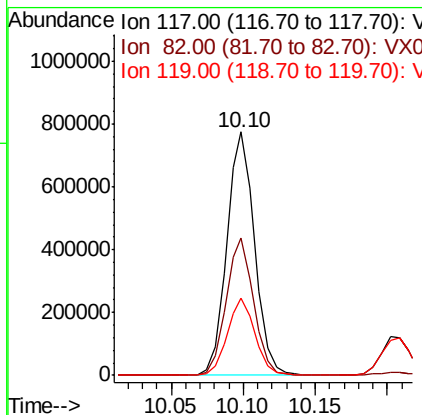
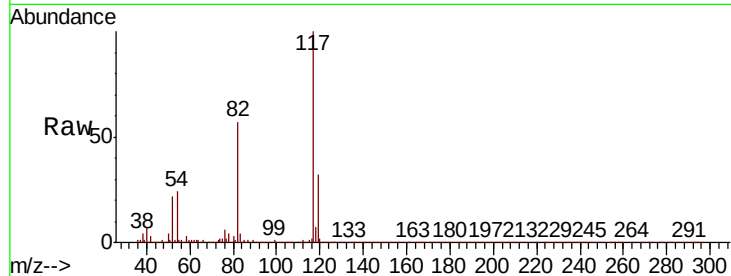




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. -0.00 min
Lab File: VX015616.D
Acq: 10 Apr 2020 13:18

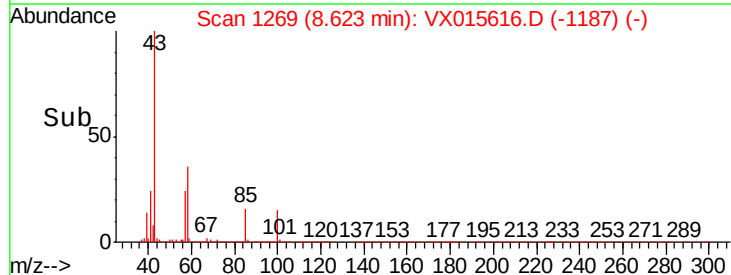
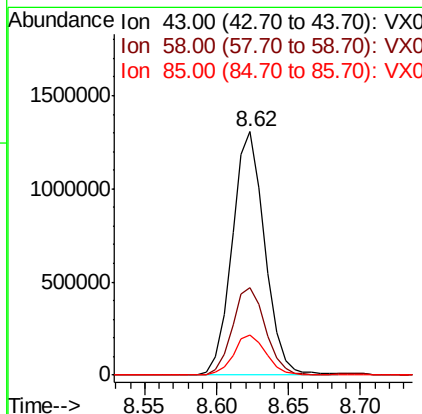
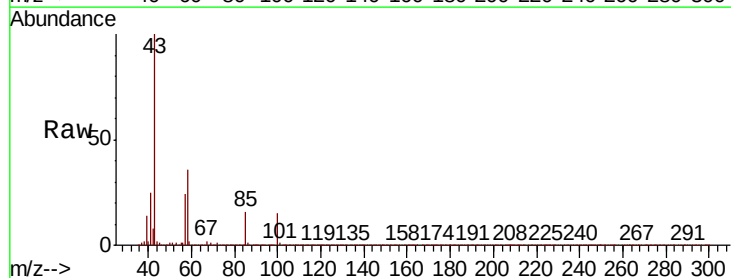
Instrument :
MSVOA_X
ClientSampleId :
VX0410WBS02

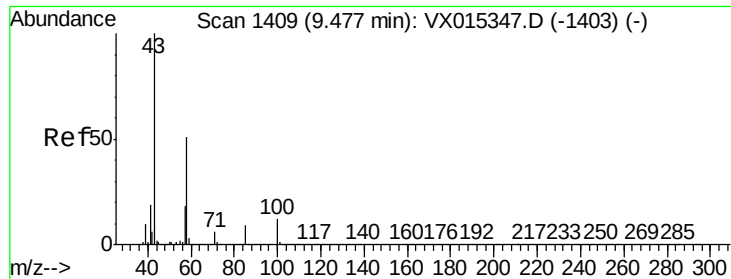
Tot Ion:117 Resp: 1047415
Ion Ratio Lower Upper
117 100
82 56.0 45.0 67.6
119 31.6 25.5 38.3



#58
4-Methyl-2-Pentanone
Concen: 102.786 ug/l
RT: 8.62 min Scan# 1269
Delta R.T. -0.00 min
Lab File: VX015616.D
Acq: 10 Apr 2020 13:18

Tgt Ion: 43 Resp: 2060459
Ion Ratio Lower Upper
43 100
58 36.4 29.4 44.0
85 16.3 13.0 19.4

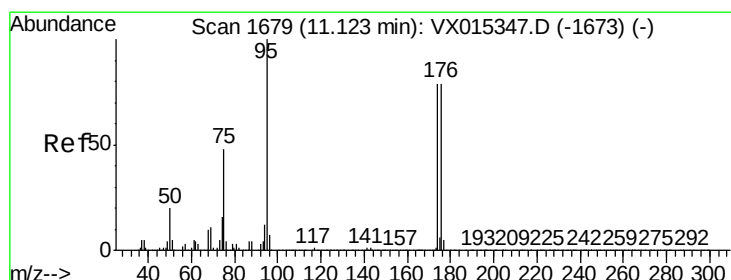
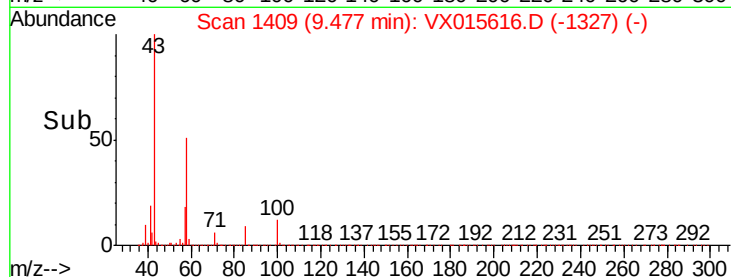
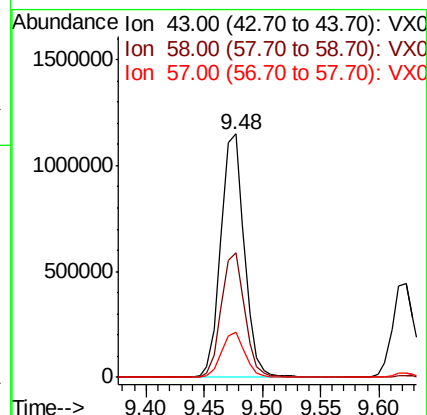
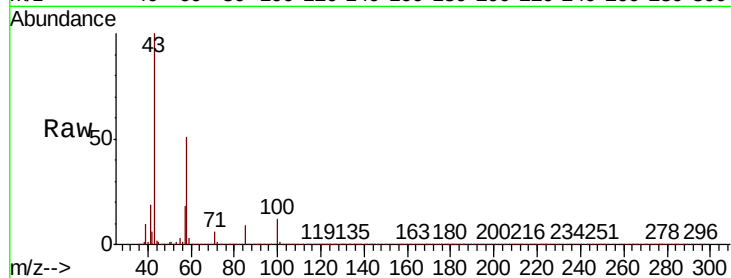




#59
2-Hexanone
Concen: 104.956 ug/l
RT: 9.48 min Scan# 1409
Delta R.T. -0.00 min
Lab File: VX015616.D
Acq: 10 Apr 2020 13:18

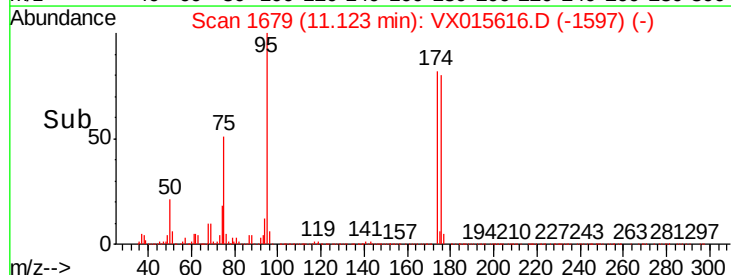
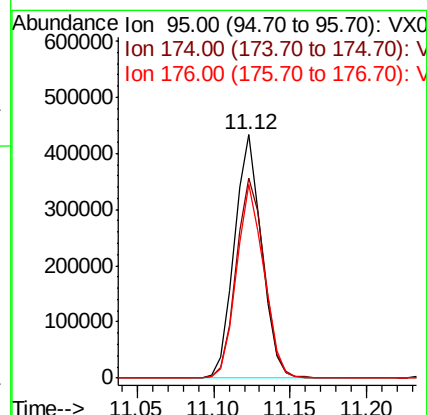
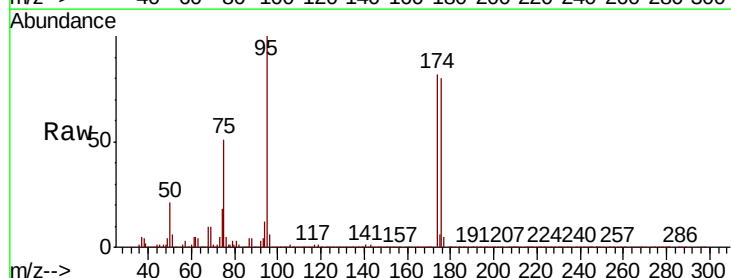
Instrument :
MSVOA_X
ClientSampleId :
VX0410WBS02

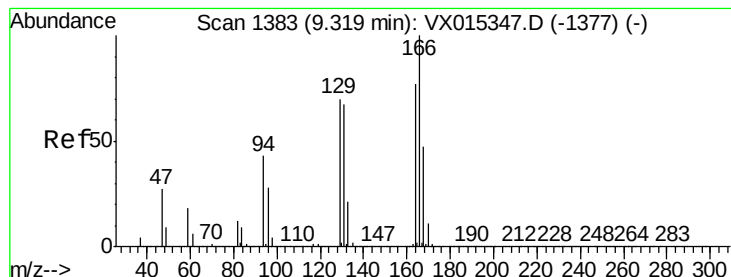
Tot Ion: 43 Resp: 1600619
Ion Ratio Lower Upper
43 100
58 50.8 40.2 60.4
57 18.4 14.6 22.0



#60
4-Bromofluorobenzene
Concen: 29.718 ug/l
RT: 11.12 min Scan# 1679
Delta R.T. -0.00 min
Lab File: VX015616.D
Acq: 10 Apr 2020 13:18

Tgt Ion: 95 Resp: 532699
Ion Ratio Lower Upper
95 100
174 84.8 66.4 99.6
176 80.3 64.1 96.1





#61

Tetrachloroethene

Concen: 19.227 ug/l

RT: 9.32 min Scan# 1383

Delta R.T. -0.00 min

Lab File: VX015616.D

Acq: 10 Apr 2020 13:18

Instrument :

MSVOA_X

ClientSampleId :

VX0410WBS02

Tot Ion:164 Resp: 258854

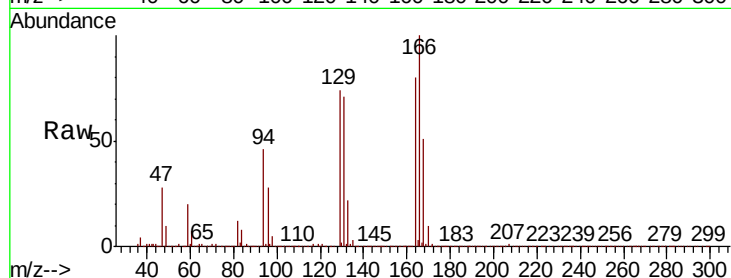
Ion Ratio Lower Upper

164 100

166 124.7 103.6 155.4

129 91.8 72.6 108.8

131 88.7 69.8 104.6

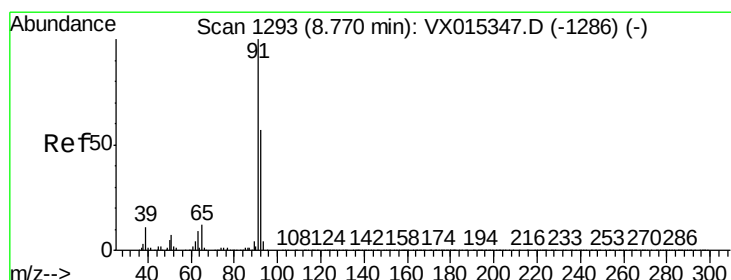
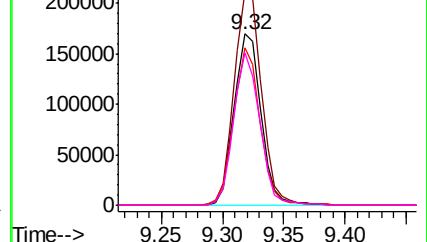
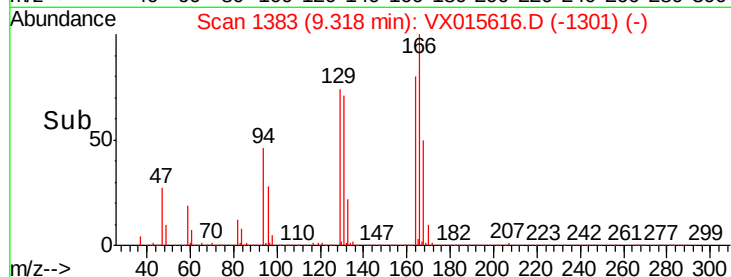


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 19.854 ug/l

RT: 8.77 min Scan# 1293

Delta R.T. -0.00 min

Lab File: VX015616.D

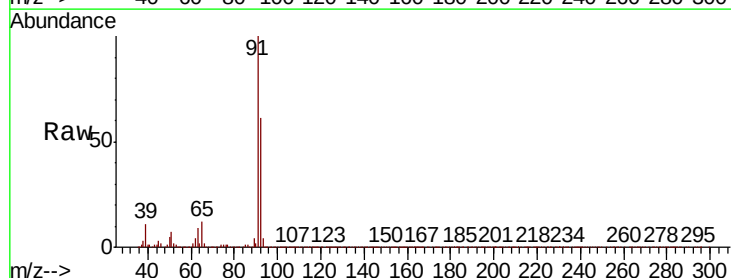
Acq: 10 Apr 2020 13:18

Tgt Ion: 91 Resp: 1053306

Ion Ratio Lower Upper

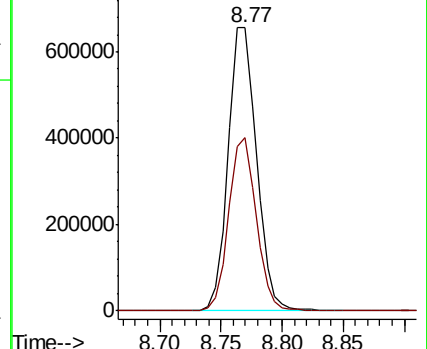
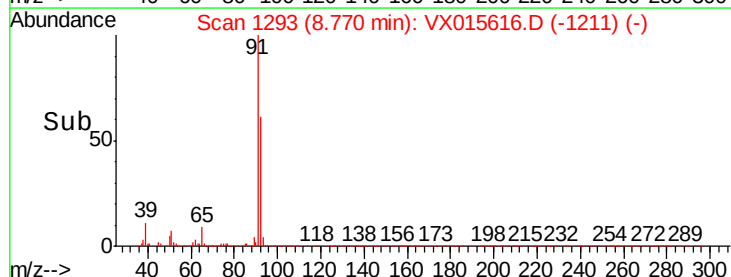
91 100

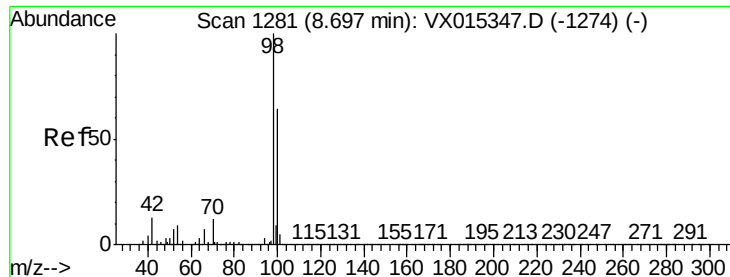
92 59.4 46.7 70.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 29.767 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. -0.00 min

Lab File: VX015616.D

Acq: 10 Apr 2020 13:18

Instrument :

MSVOA_X

ClientSampleId :

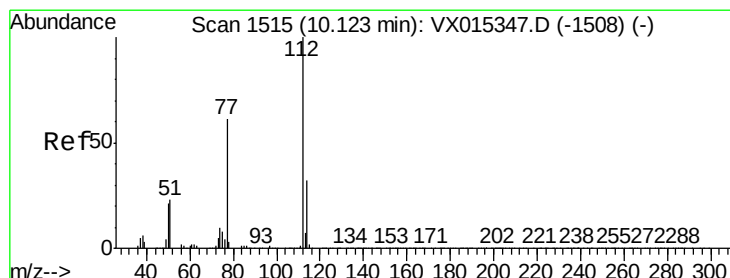
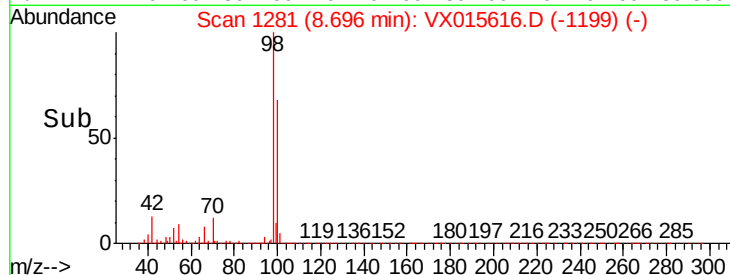
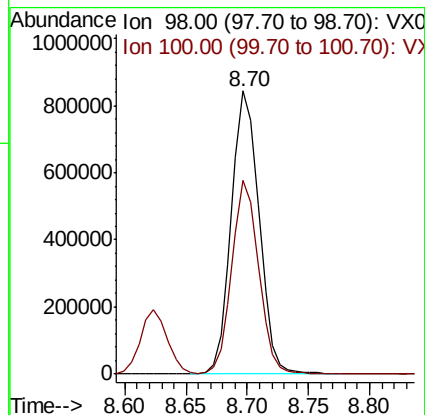
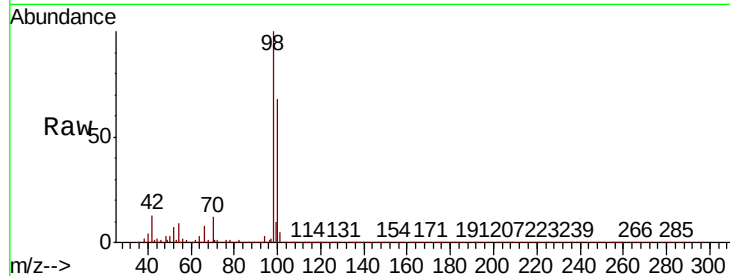
VX0410WBS02

Tot Ion: 98 Resp: 1324656

Ion Ratio Lower Upper

98 100

100 65.8 52.2 78.2



#64

Chlorobenzene

Concen: 19.572 ug/l

RT: 10.12 min Scan# 1515

Delta R.T. -0.00 min

Lab File: VX015616.D

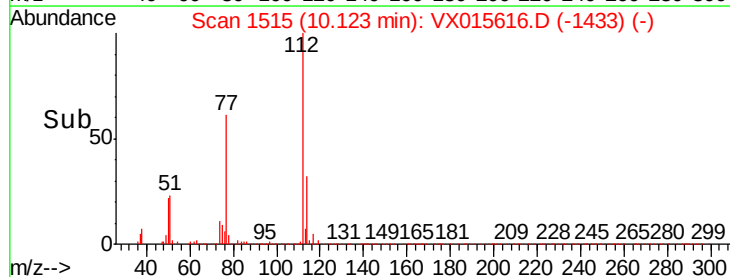
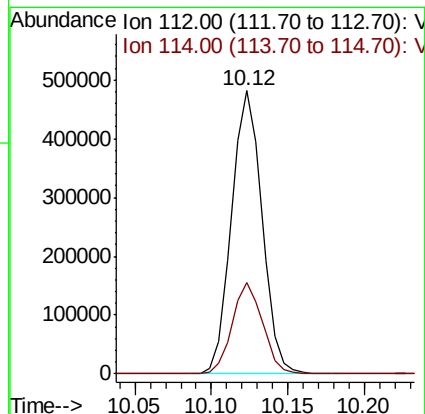
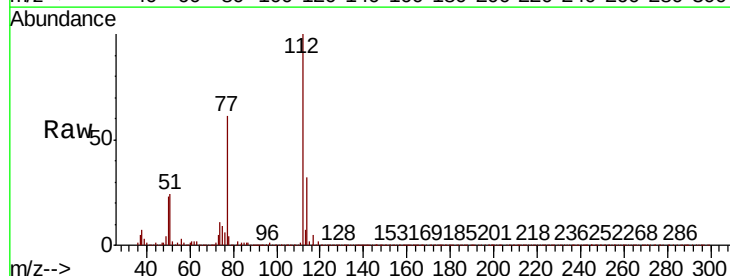
Acq: 10 Apr 2020 13:18

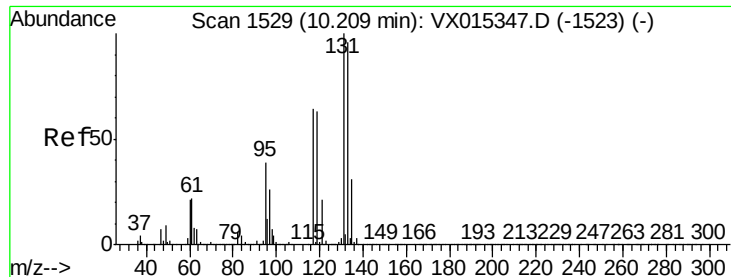
Tgt Ion: 112 Resp: 667592

Ion Ratio Lower Upper

112 100

114 32.3 25.8 38.8





#65

1,1,1,2-Tetrachloroethane

Concen: 19.065 ug/l

RT: 10.21 min Scan# 1529

Delta R.T. -0.00 min

Lab File: VX015616.D

Acq: 10 Apr 2020 13:18

Instrument :

MSVOA_X

ClientSampleId :

VX0410WBS02

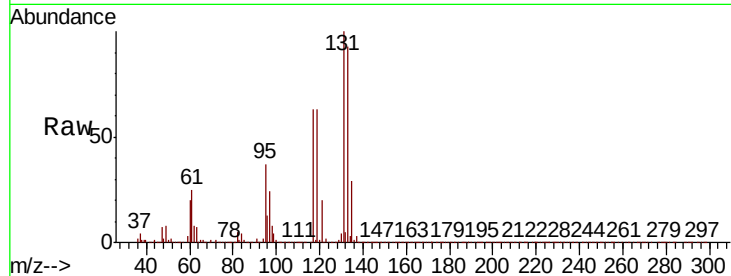
Tot Ion:131 Resp: 265739

Ion Ratio Lower Upper

131 100

133 91.8 0.0 193.6

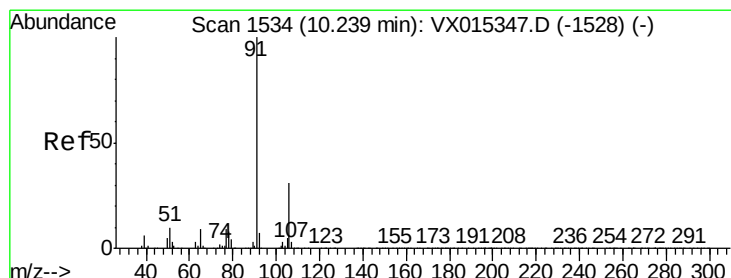
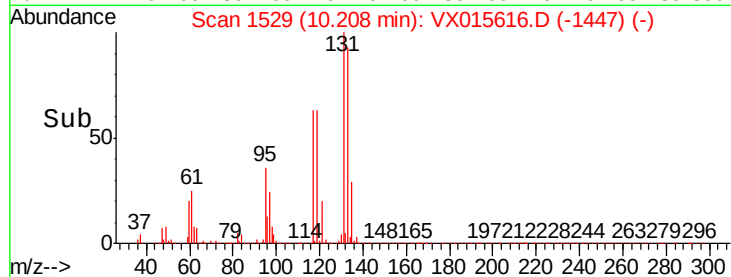
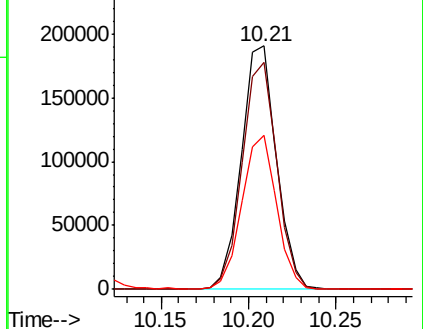
119 62.6 0.0 128.0



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 19.908 ug/l

RT: 10.24 min Scan# 1534

Delta R.T. -0.00 min

Lab File: VX015616.D

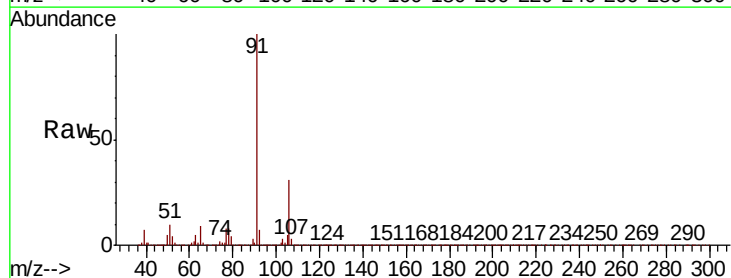
Acq: 10 Apr 2020 13:18

Tgt Ion: 91 Resp: 1206566

Ion Ratio Lower Upper

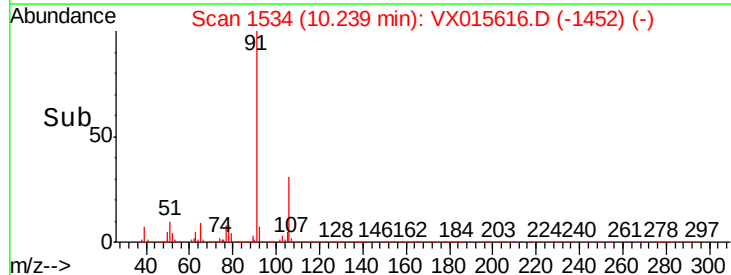
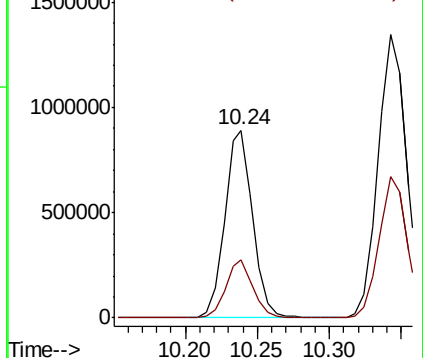
91 100

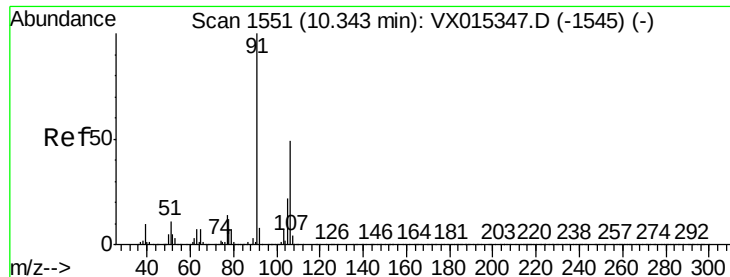
106 30.6 25.0 37.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

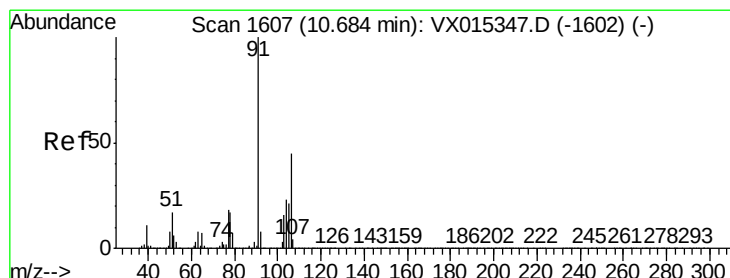
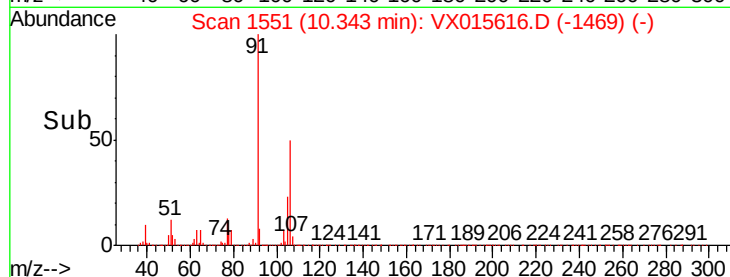
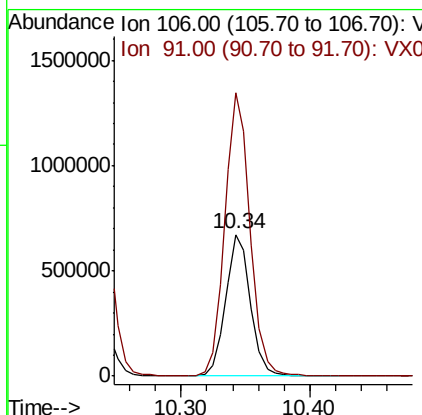
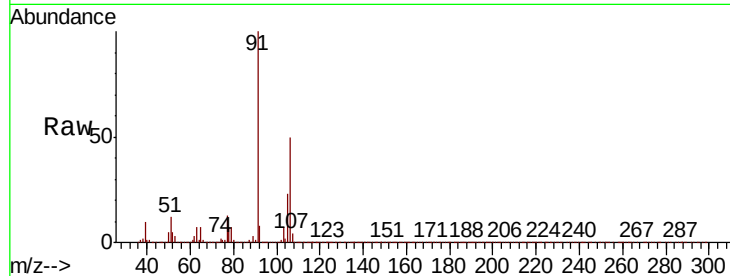




#67
m/p-Xylenes
Concen: 39.440 ug/l
RT: 10.34 min Scan# 1551
Delta R.T. -0.00 min
Lab File: VX015616.D
Acq: 10 Apr 2020 13:18

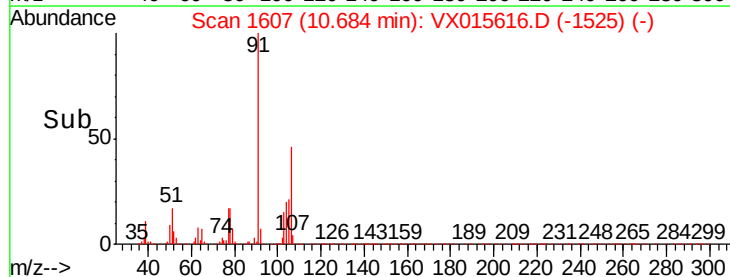
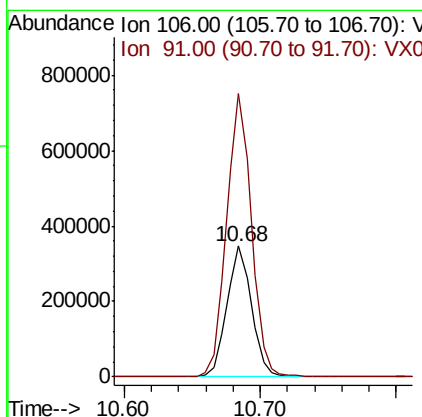
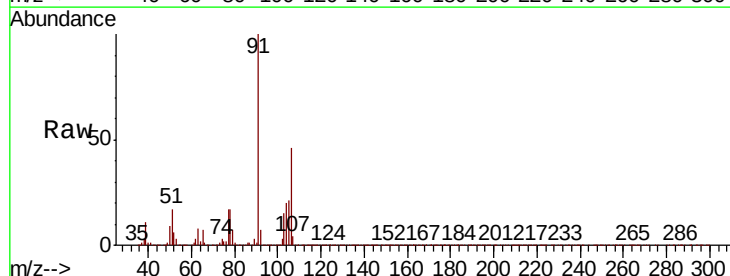
Instrument :
MSVOA_X
ClientSampleId :
VX0410WBS02

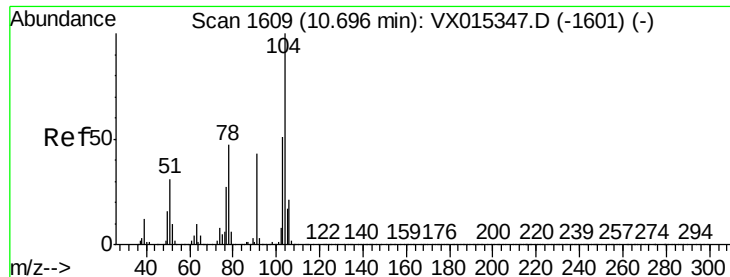
Tot Ion:106 Resp: 904716
Ion Ratio Lower Upper
106 100
91 203.7 165.0 247.4



#68
o-Xylene
Concen: 19.494 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. -0.00 min
Lab File: VX015616.D
Acq: 10 Apr 2020 13:18

Tgt Ion:106 Resp: 437090
Ion Ratio Lower Upper
106 100
91 216.9 109.1 327.2

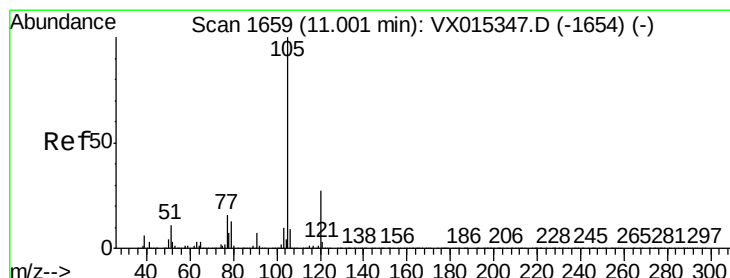
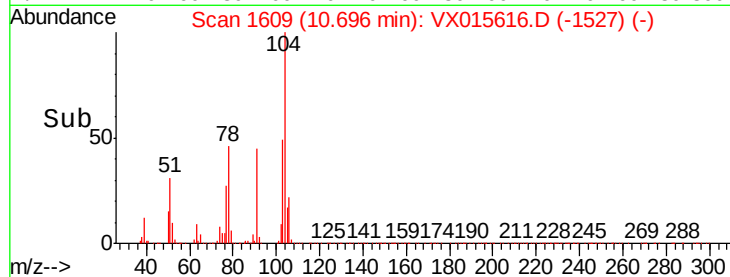
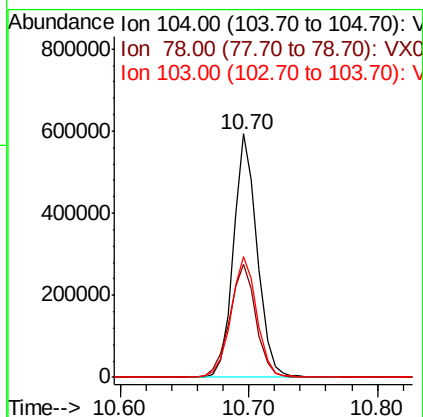
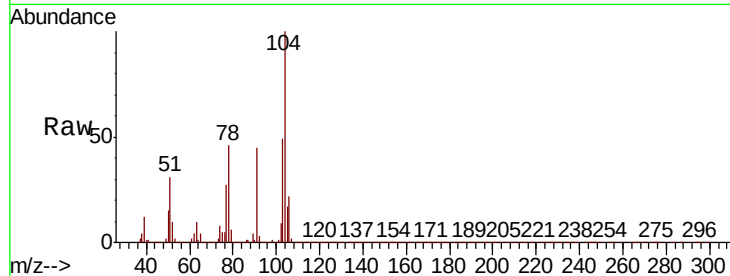




#69
Stvrene
Concen: 19.496 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX015616.D
Acq: 10 Apr 2020 13:18

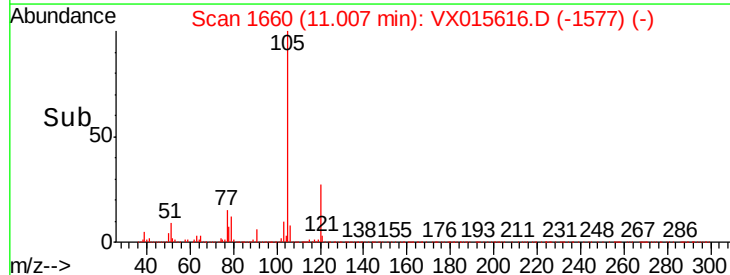
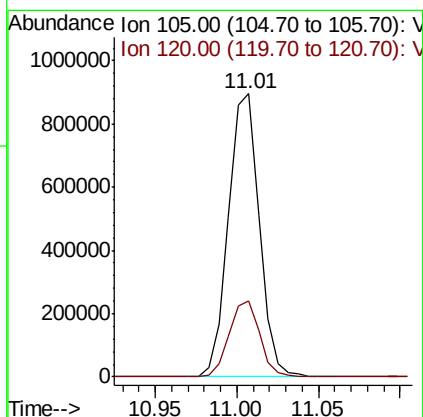
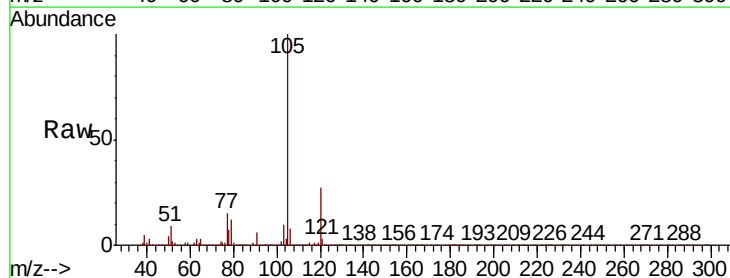
Instrument :
MSVOA_X
ClientSampleId :
VX0410WBS02

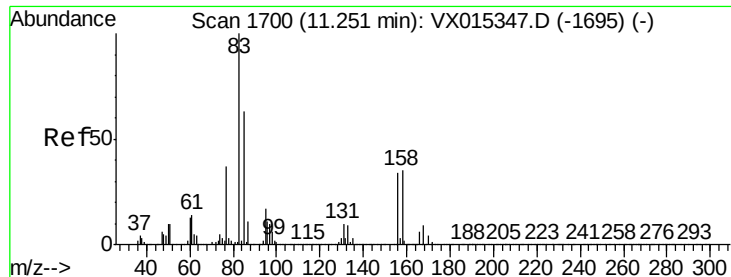
Tot Ion	Ratio	Lower	Upper
104	100		
78	51.9	41.5	62.3
103	53.9	43.4	65.2



#70
Isopropylbenzene
Concen: 19.865 ug/l
RT: 11.01 min Scan# 1660
Delta R.T. 0.01 min
Lab File: VX015616.D
Acq: 10 Apr 2020 13:18

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.5	18.8	34.8





#71

1,1,2,2-Tetrachloroethane

Concen: 20.250 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX015616.D

Acq: 10 Apr 2020 13:18

Instrument :

MSVOA_X

ClientSampleId :

VX0410WBS02

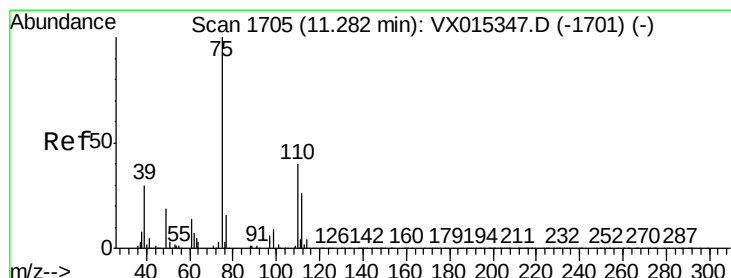
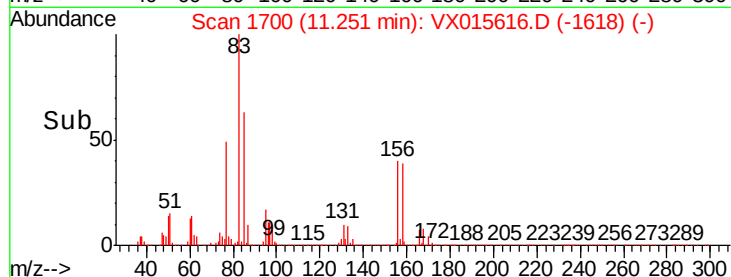
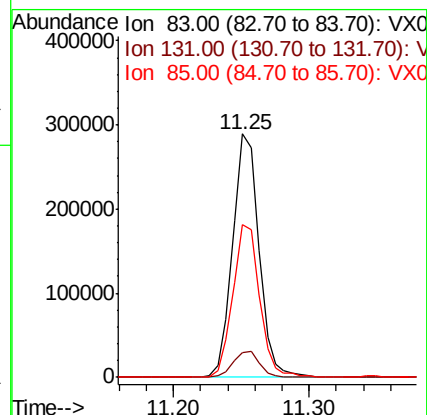
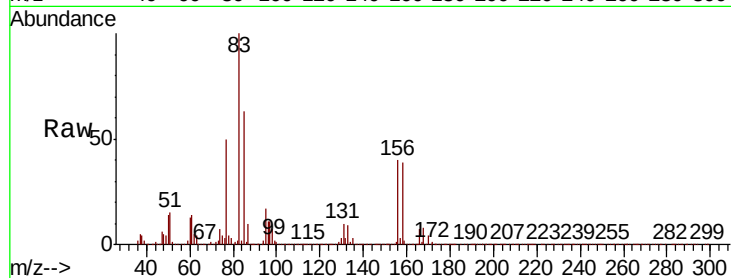
Tot Ion: 83 Resp: 390116

Ion Ratio Lower Upper

83 100

131 10.7 5.3 15.9

85 63.9 32.0 96.2



#72

1,2,3-Trichloropropane

Concen: 25.681 ug/l

RT: 11.28 min Scan# 1705

Delta R.T. -0.00 min

Lab File: VX015616.D

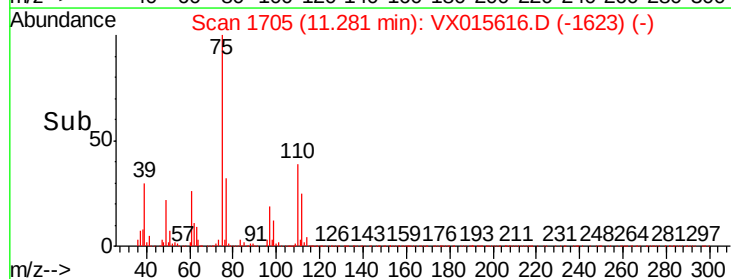
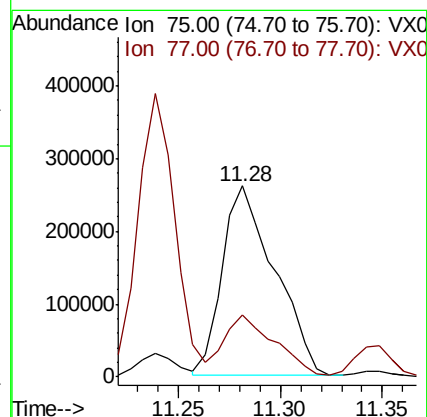
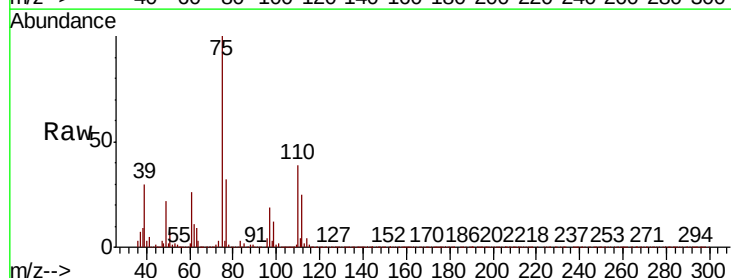
Acq: 10 Apr 2020 13:18

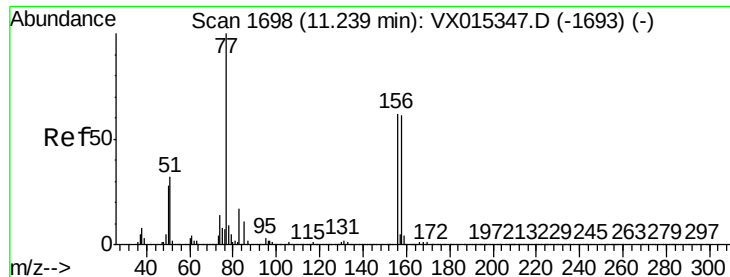
Tgt Ion: 75 Resp: 462944

Ion Ratio Lower Upper

75 100

77 31.7 0.0 80.0





#73

Bromobenzene

Concen: 19.746 ug/l

RT: 11.24 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX015616.D

Acq: 10 Apr 2020 13:18

Instrument :

MSVOA_X

ClientSampleId :

VX0410WBS02

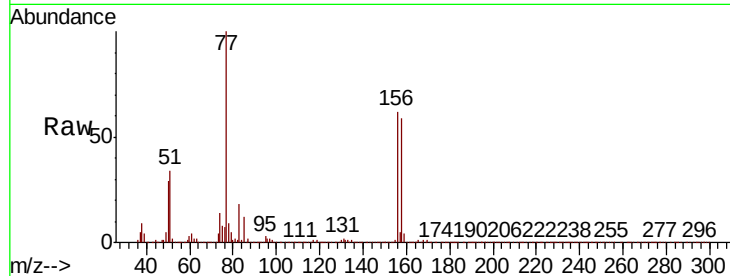
Tot Ion:156 Resp: 315068

Ion Ratio Lower Upper

156 100

77 155.9 0.0 324.4

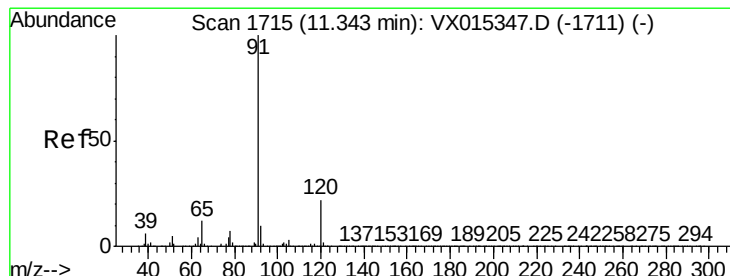
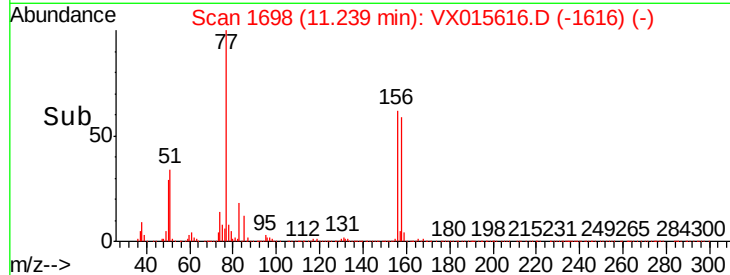
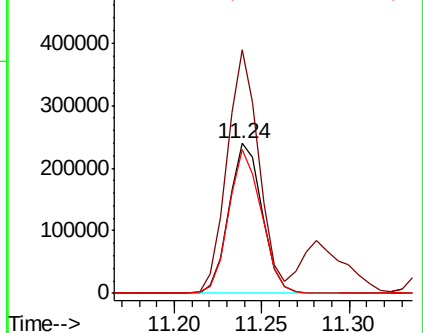
158 95.2 0.0 200.0



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: 20.004 ug/l

RT: 11.35 min Scan# 1716

Delta R.T. 0.01 min

Lab File: VX015616.D

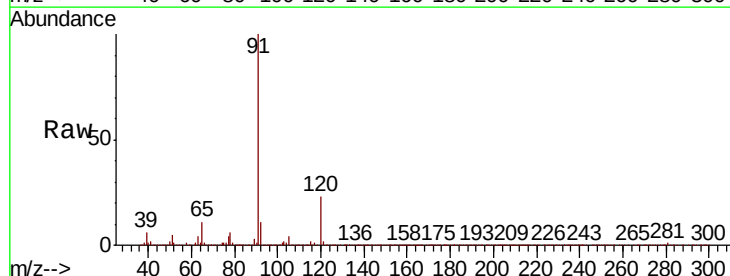
Acq: 10 Apr 2020 13:18

Tgt Ion: 91 Resp: 1363833

Ion Ratio Lower Upper

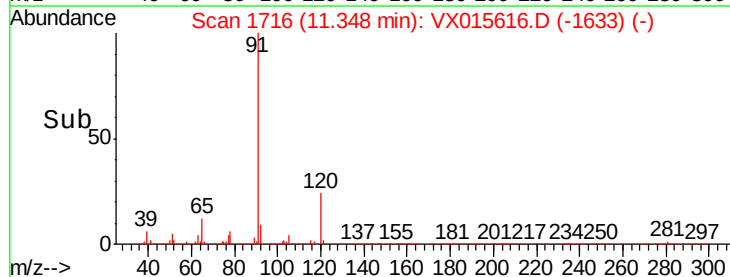
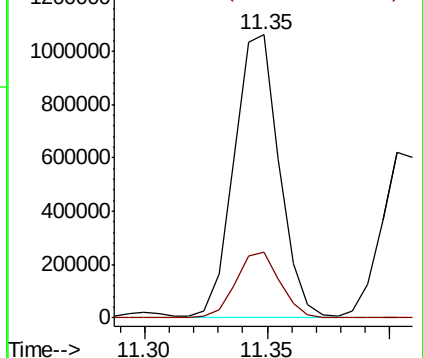
91 100

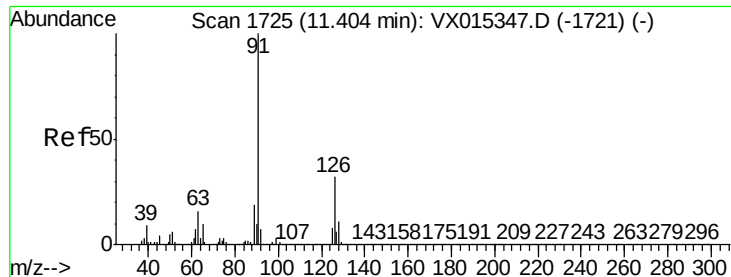
120 22.8 0.0 46.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 19.857 ug/l

RT: 11.40 min Scan# 1725

Delta R.T. -0.00 min

Lab File: VX015616.D

Acq: 10 Apr 2020 13:18

Instrument :

MSVOA_X

ClientSampleId :

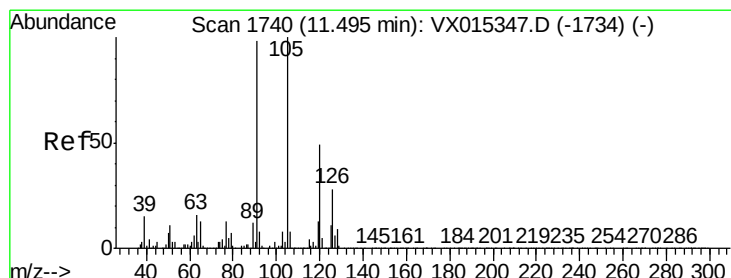
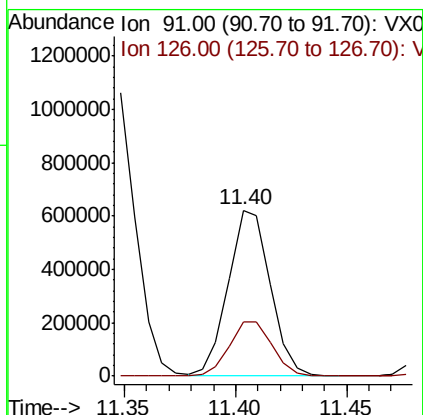
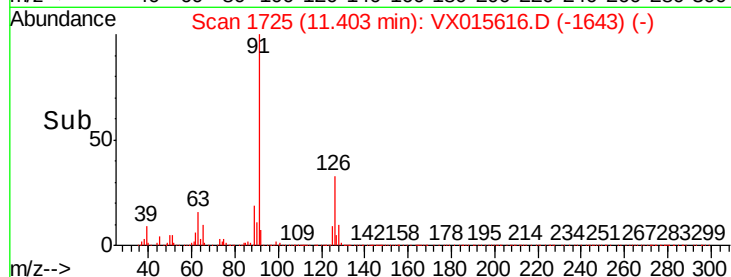
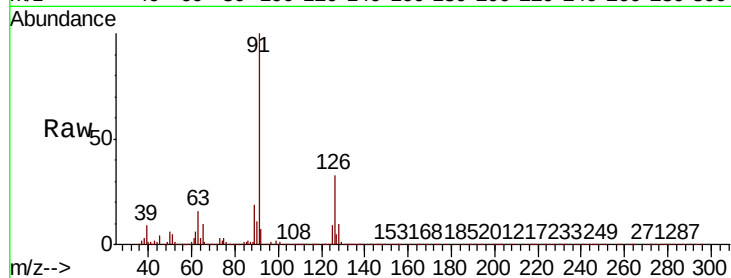
VX0410WBS02

Tot Ion: 91 Resp: 823388

Ion Ratio Lower Upper

91 100

126 33.5 0.0 65.2



#76

1,3,5-Trimethylbenzene

Concen: 19.682 ug/l

RT: 11.49 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VX015616.D

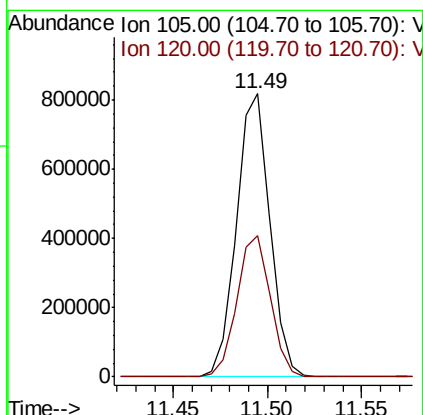
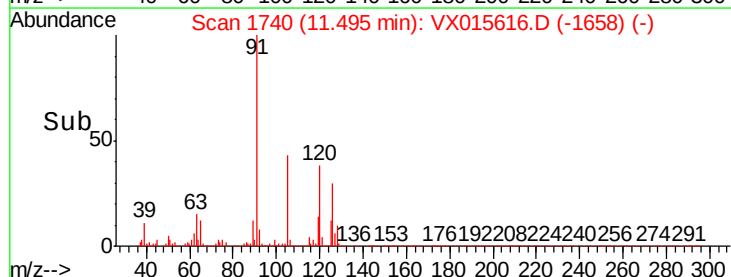
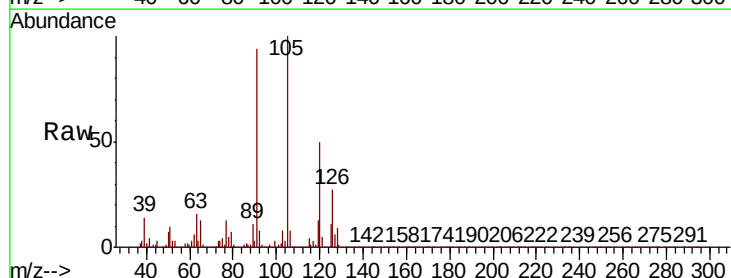
Acq: 10 Apr 2020 13:18

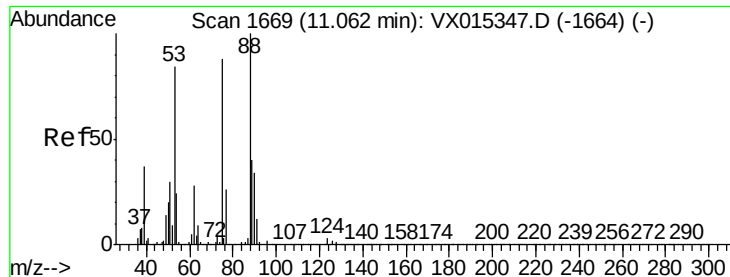
Tgt Ion: 105 Resp: 1004675

Ion Ratio Lower Upper

105 100

120 50.0 0.0 98.0

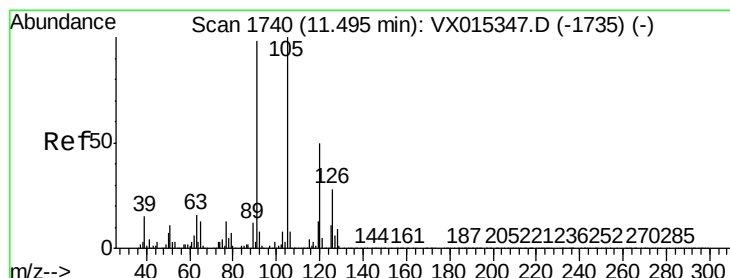
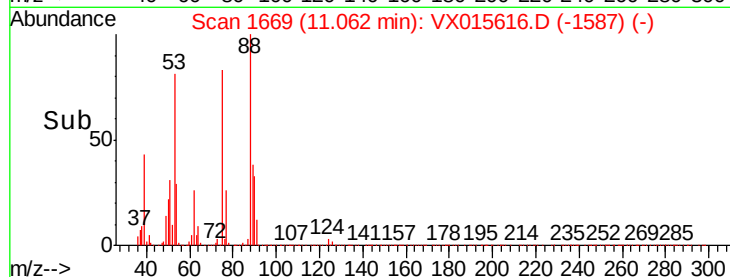
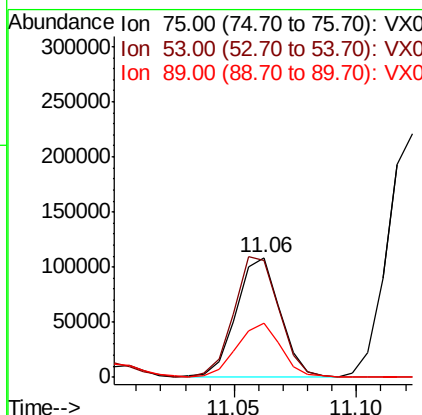
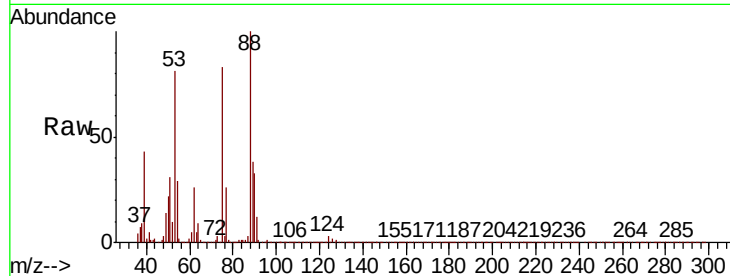




#77
t-1,4-Dichloro-2-butene
Concen: 17.243 ug/l
RT: 11.06 min Scan# 1669
Delta R.T. -0.00 min
Lab File: VX015616.D
Acq: 10 Apr 2020 13:18

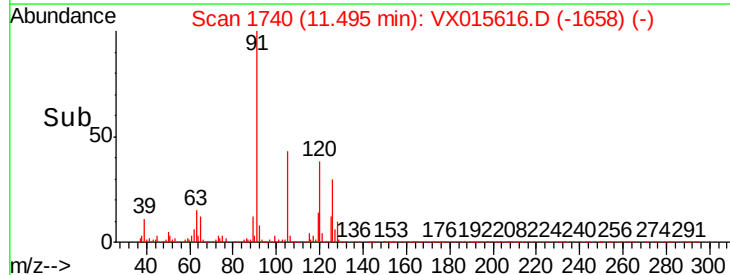
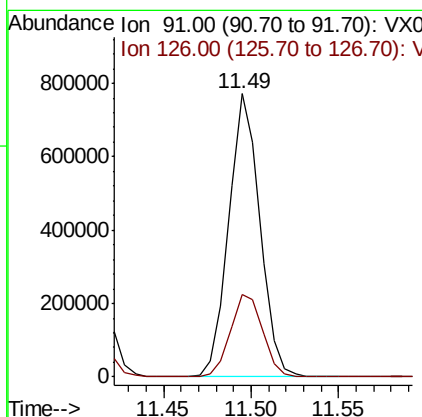
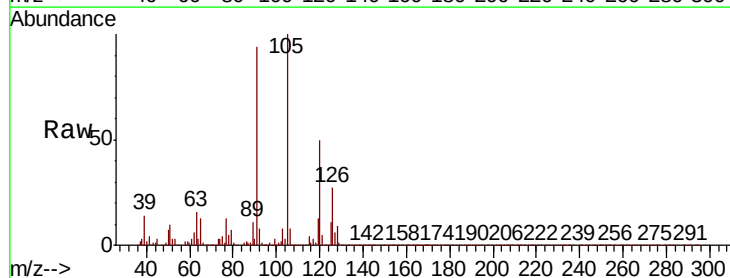
Instrument :
MSVOA_X
ClientSampleId :
VX0410WBS02

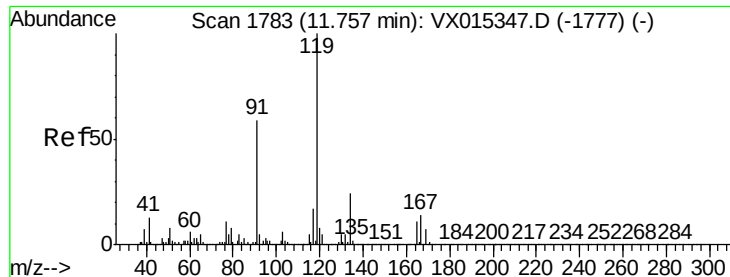
Tot Ion: 75 Resp: 133952
Ion Ratio Lower Upper
75 100
53 98.2 47.5 142.6
89 45.7 22.8 68.3



#78
4-Chlorotoluene
Concen: 19.933 ug/l
RT: 11.49 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VX015616.D
Acq: 10 Apr 2020 13:18

Tgt Ion: 91 Resp: 956208
Ion Ratio Lower Upper
91 100
126 30.2 0.0 57.8

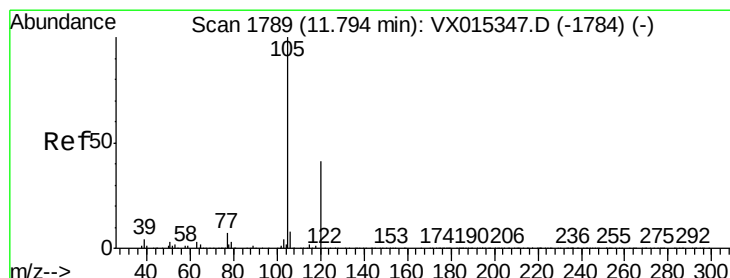
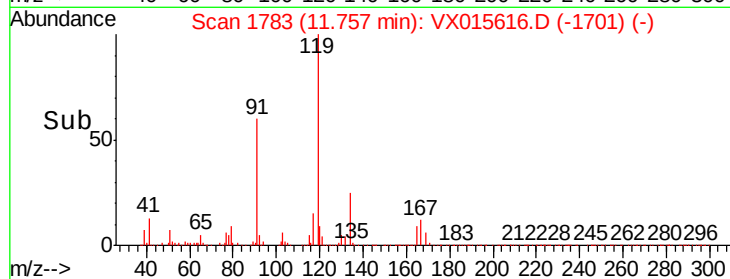
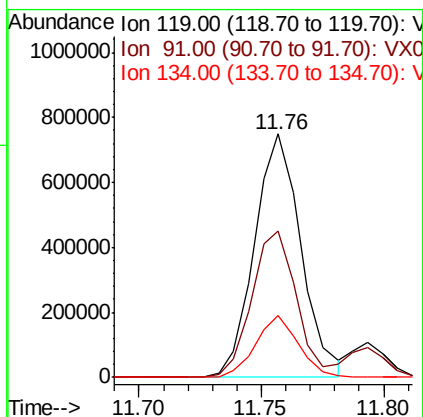
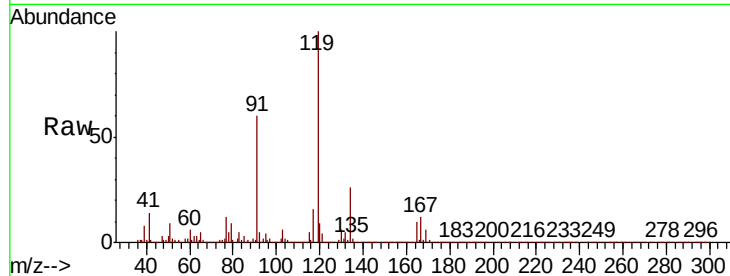




#79
tert-butylbenzene
Concen: 19.504 ug/l
RT: 11.76 min Scan# 1783
Delta R.T. -0.00 min
Lab File: VX015616.D
Acq: 10 Apr 2020 13:18

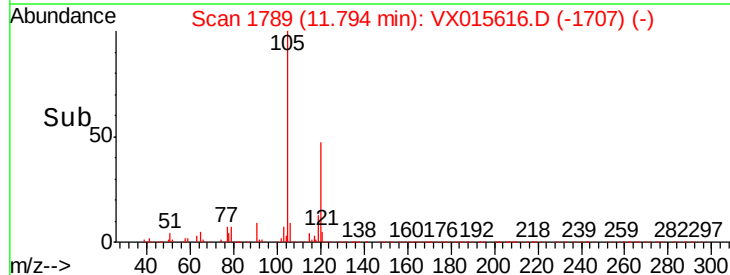
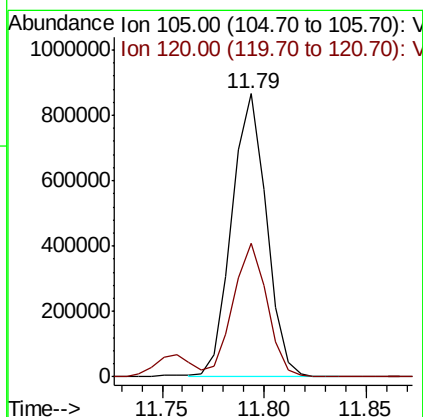
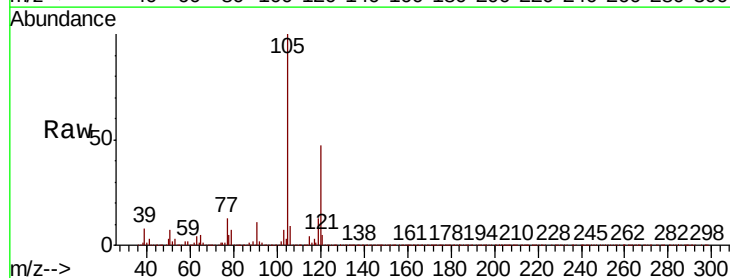
Instrument :
MSVOA_X
ClientSampleId :
VX0410WBS02

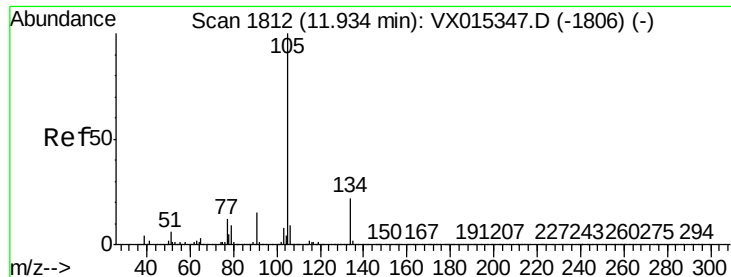
Tot Ion	Ratio	Lower	Upper
119	100		
91	57.3	0.0	115.8
134	23.2	0.0	47.0



#80
1,2,4-Trimethylbenzene
Concen: 19.740 ug/l
RT: 11.79 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VX015616.D
Acq: 10 Apr 2020 13:18

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.2	0.0	91.0





#81

sec-Butylbenzene

Concen: 19.744 ug/l

RT: 11.93 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VX015616.D

Acq: 10 Apr 2020 13:18

Instrument :

MSVOA_X

ClientSampleId :

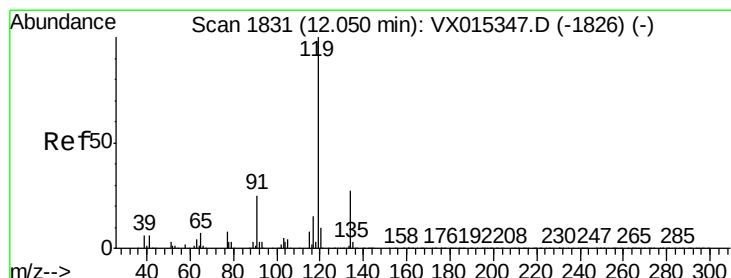
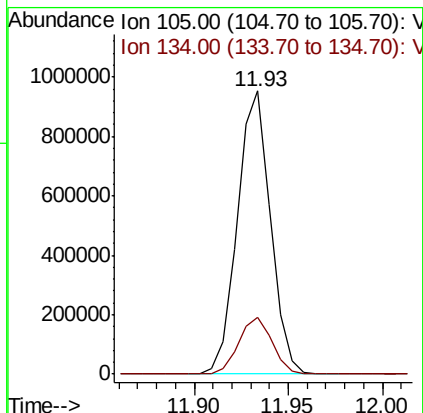
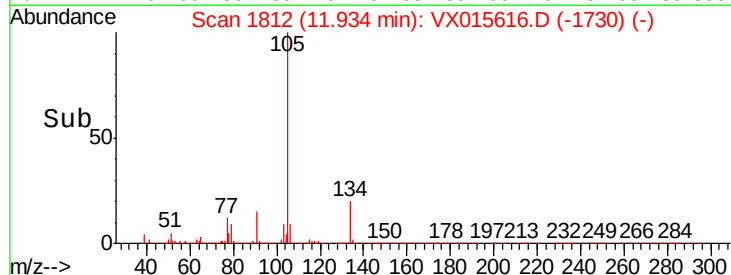
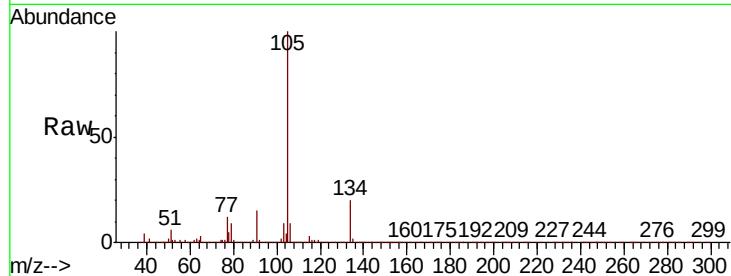
VX0410WBS02

Tot Ion:105 Resp: 1155467

Ion Ratio Lower Upper

105 100

134 20.4 0.0 41.6



#82

p-Isopropyltoluene

Concen: 19.146 ug/l

RT: 12.05 min Scan# 1831

Delta R.T. -0.00 min

Lab File: VX015616.D

Acq: 10 Apr 2020 13:18

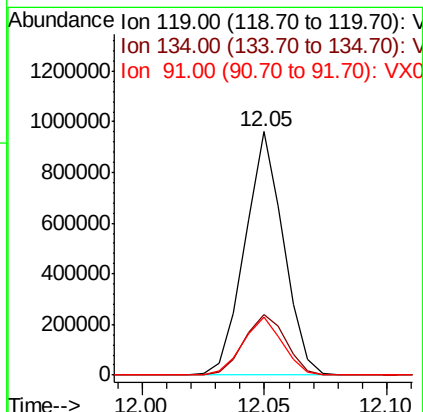
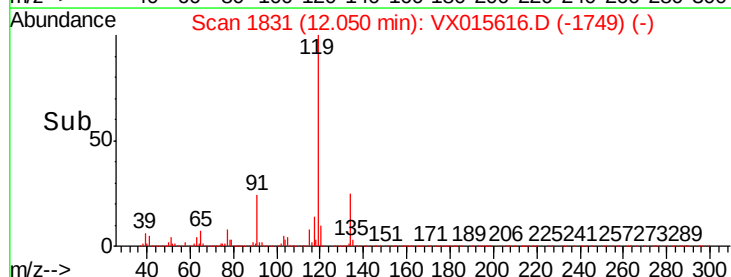
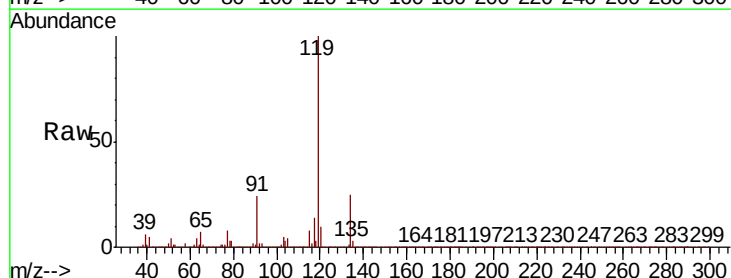
Tgt Ion:119 Resp: 1056065

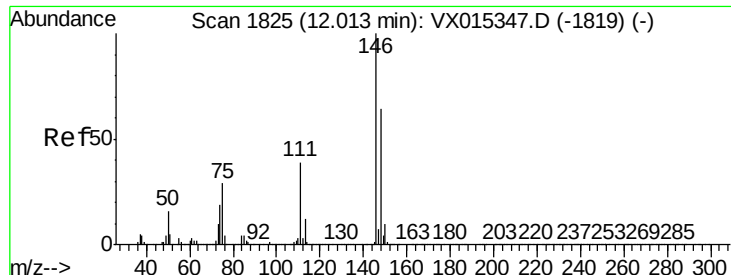
Ion Ratio Lower Upper

119 100

134 26.9 0.0 53.2

91 24.5 0.0 48.2

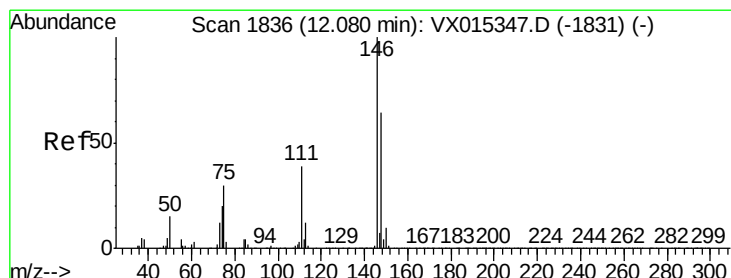
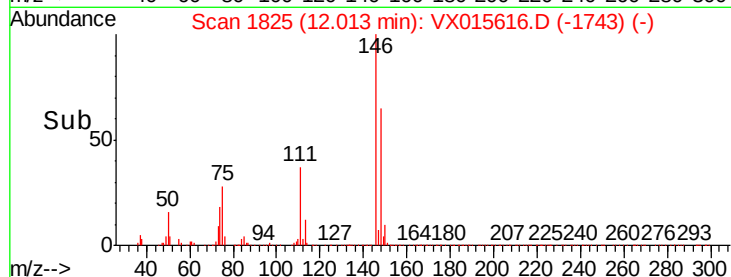
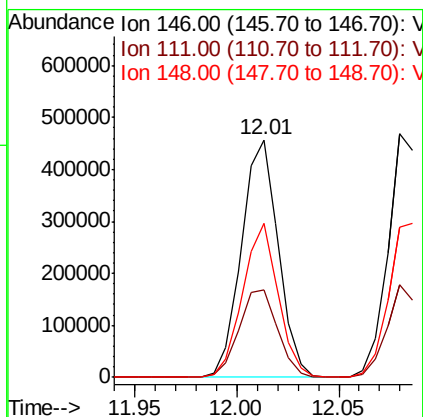
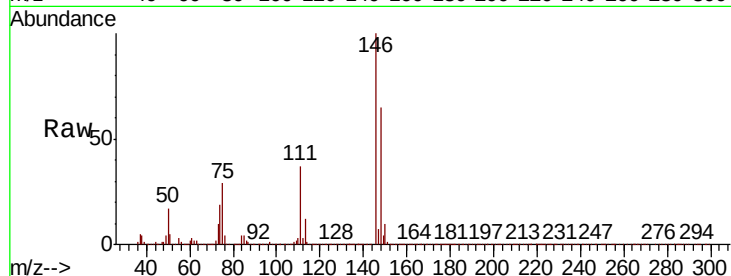




#83
 1,3-Dichlorobenzene
 Concen: 19.985 ug/l
 RT: 12.01 min Scan# 1825
 Delta R.T. -0.00 min
 Lab File: VX015616.D
 Acq: 10 Apr 2020 13:18

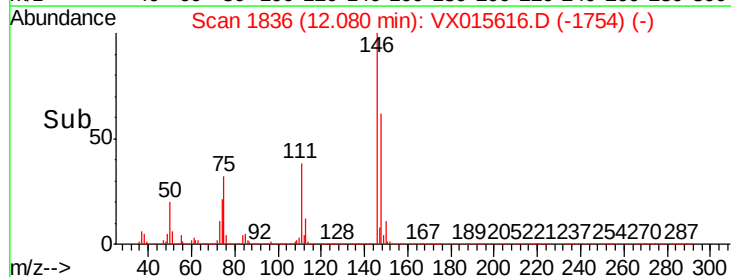
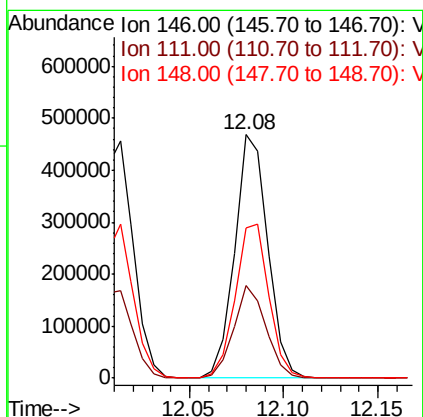
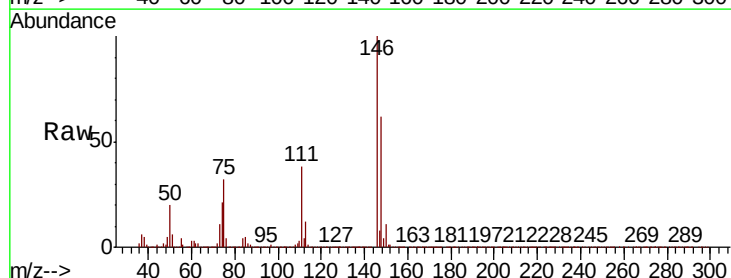
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0410WBS02

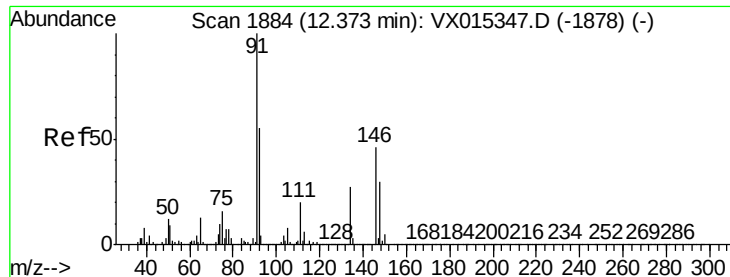
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.8	20.1	60.2
148	62.5	31.4	94.2



#84
 1,4-Dichlorobenzene
 Concen: 19.949 ug/l
 RT: 12.08 min Scan# 1836
 Delta R.T. -0.00 min
 Lab File: VX015616.D
 Acq: 10 Apr 2020 13:18

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.9	18.9	56.9
148	64.1	31.4	94.3





#85

n-Butylbenzene

Concen: 19.805 ug/l

RT: 12.37 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VX015616.D

Acq: 10 Apr 2020 13:18

Instrument :

MSVOA_X

ClientSampled :

VX0410WBS02

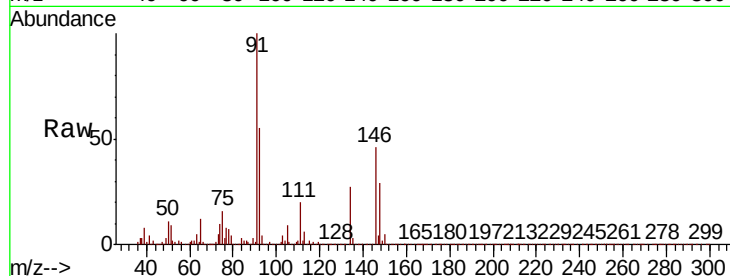
Tot Ion: 91 Resp: 973676

Ion Ratio Lower Upper

91 100

92 54.0 0.0 109.0

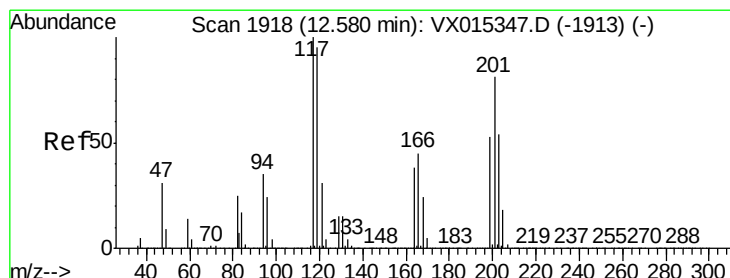
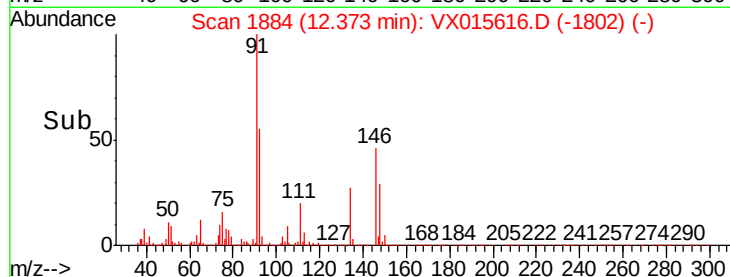
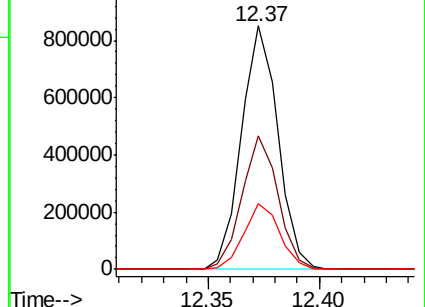
134 26.8 0.0 54.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V



#86

Hexachloroethane

Concen: 17.514 ug/l

RT: 12.58 min Scan# 1918

Delta R.T. -0.00 min

Lab File: VX015616.D

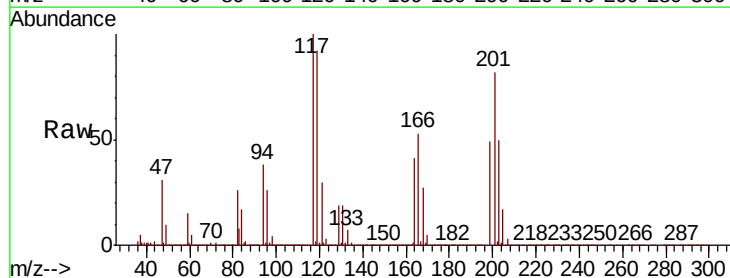
Acq: 10 Apr 2020 13:18

Tgt Ion: 117 Resp: 186710

Ion Ratio Lower Upper

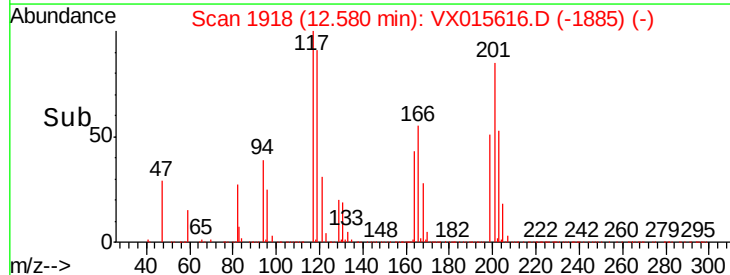
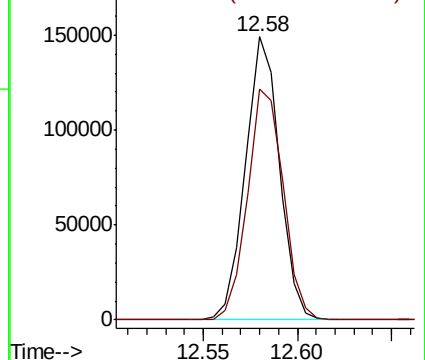
117 100

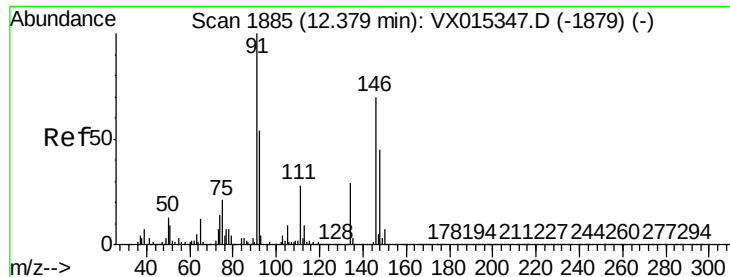
201 85.9 44.9 134.5



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 201.00 (200.70 to 201.70): V





#87

1,2-Dichlorobenzene

Concen: 19.744 ug/l

RT: 12.38 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX015616.D

Acq: 10 Apr 2020 13:18

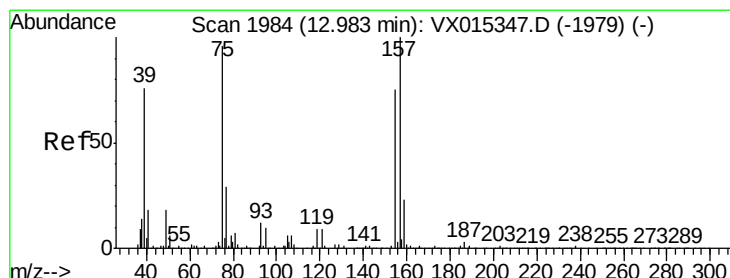
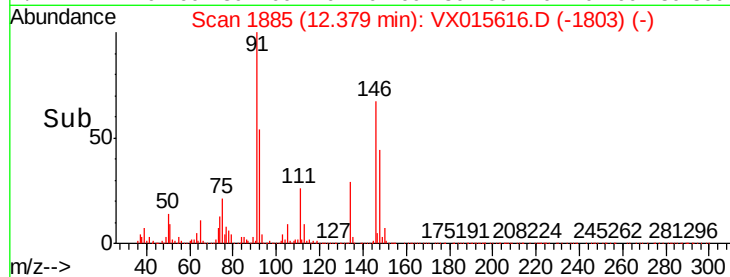
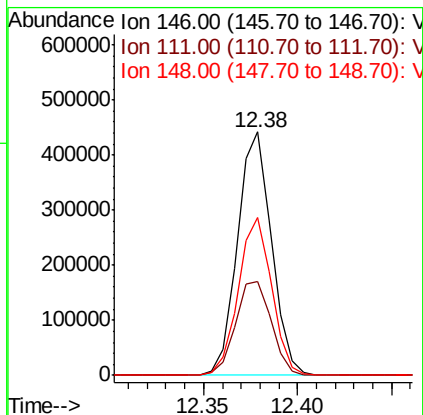
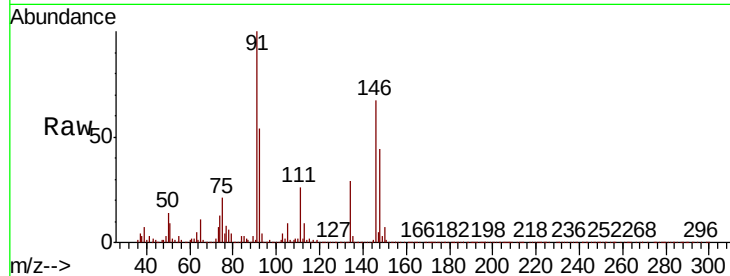
Instrument :

MSVOA_X

ClientSampleId :

VX0410WBS02

Tot Ion:	146	Resp:	552657
Ion	Ratio	Lower	Upper
146	100		
111	40.6	20.4	61.2
148	63.7	31.9	95.9



#88

1,2-Dibromo-3-Chloropropane

Concen: 19.051 ug/l

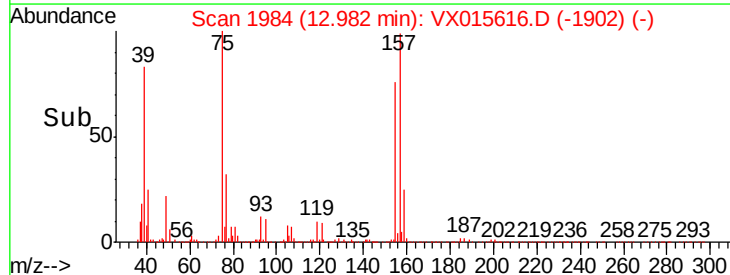
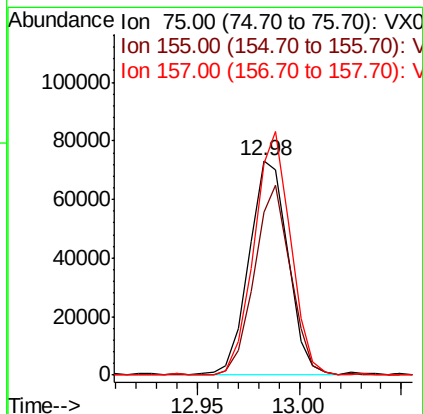
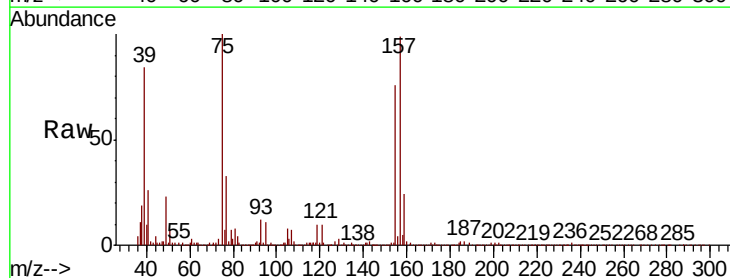
RT: 12.98 min Scan# 1984

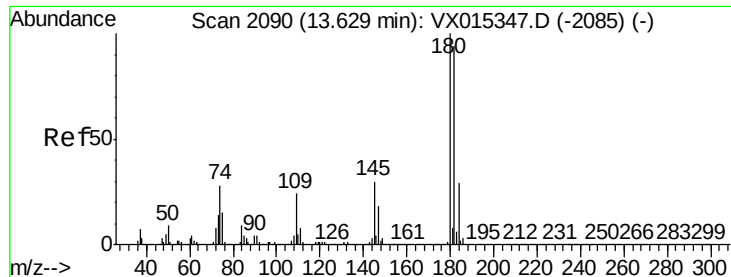
Delta R.T. -0.00 min

Lab File: VX015616.D

Acq: 10 Apr 2020 13:18

Tgt Ion:	75	Resp:	96672
Ion	Ratio	Lower	Upper
75	100		
155	82.9	67.7	101.5
157	106.5	88.5	132.7

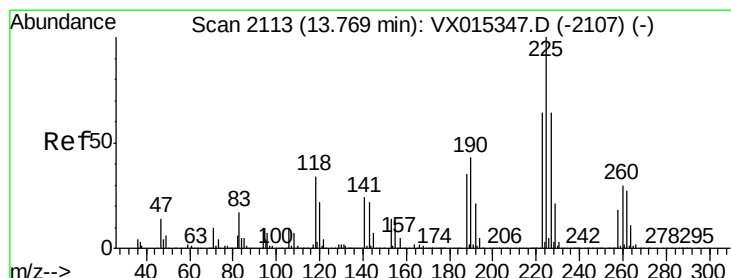
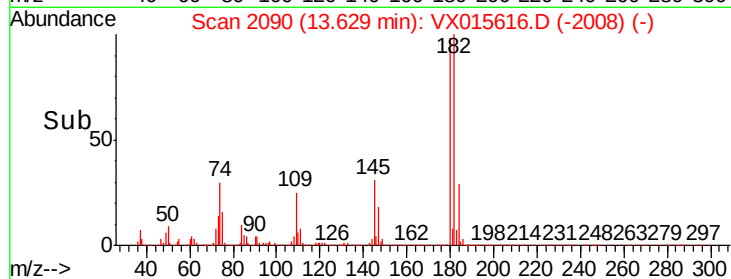
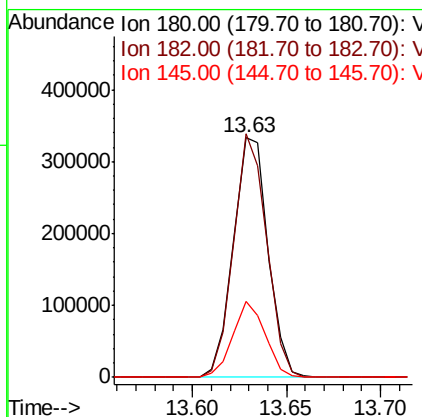
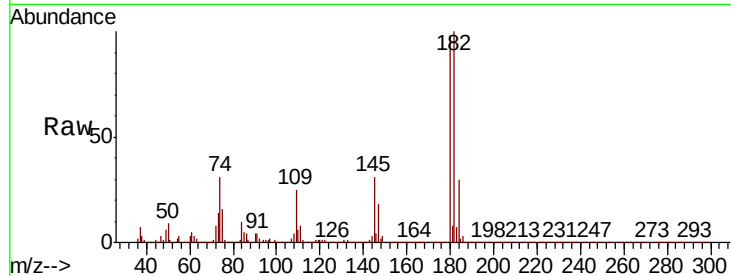




#89
 1,2,4-Trichlorobenzene
 Concen: 18.893 ug/l
 RT: 13.63 min Scan# 2090
 Delta R.T. -0.00 min
 Lab File: VX015616.D
 Acq: 10 Apr 2020 13:18

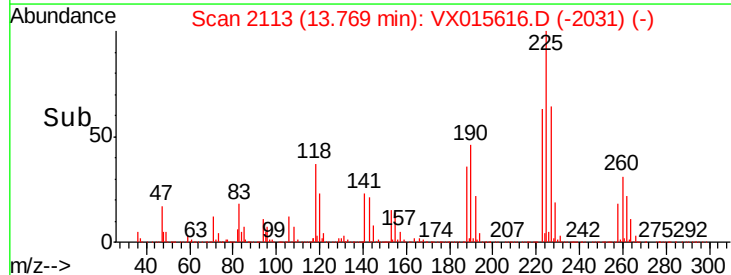
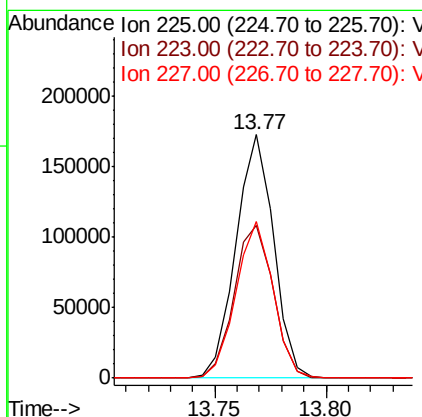
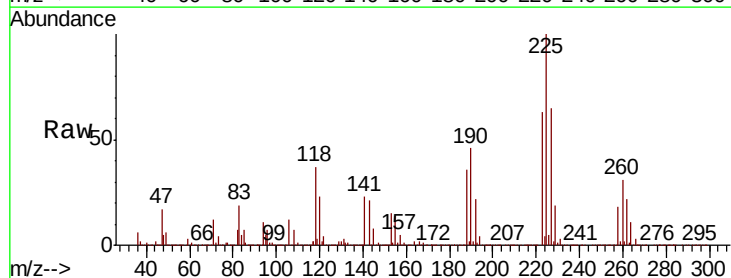
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0410WBS02

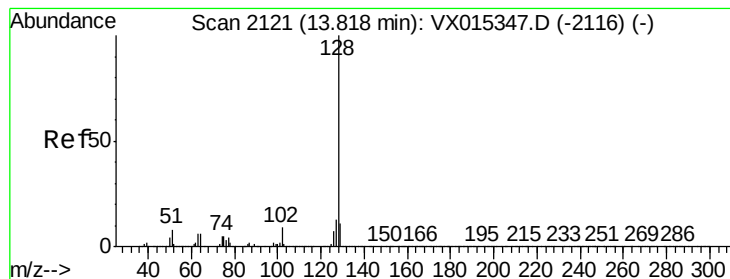
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.6	76.9	115.3
145	29.6	24.3	36.5



#90
 Hexachlorobutadiene
 Concen: 17.168 ug/l
 RT: 13.77 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VX015616.D
 Acq: 10 Apr 2020 13:18

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.1	0.0	127.0
227	63.8	0.0	126.8





#91

Naphthalene

Concen: 20.162 ug/l

RT: 13.82 min Scan# 2121

Delta R.T. -0.00 min

Lab File: VX015616.D

Acq: 10 Apr 2020 13:18

Instrument :

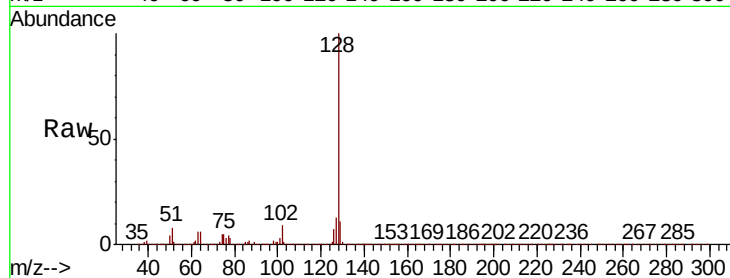
MSVOA_X

ClientSampleId :

VX0410WBS02

Tot Ion:128 Resp: 1316435

Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.3	15.5
129	10.7	8.9	13.3

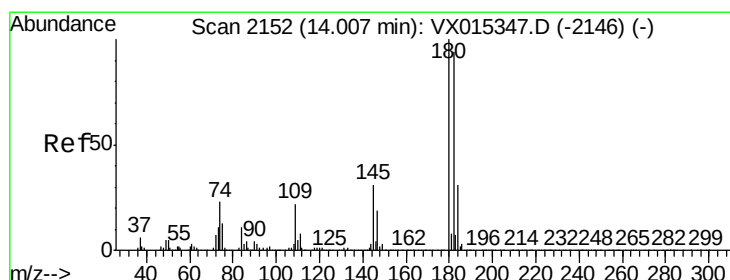
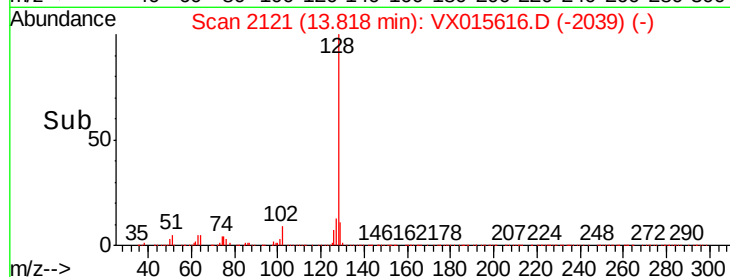
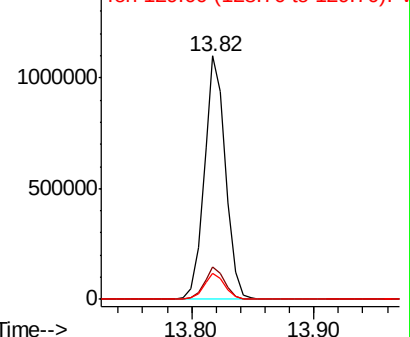


Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#92

1,2,3-Trichlorobenzene

Concen: 18.577 ug/l

RT: 14.01 min Scan# 2152

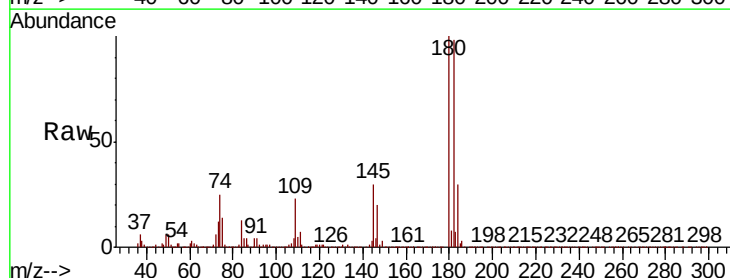
Delta R.T. -0.00 min

Lab File: VX015616.D

Acq: 10 Apr 2020 13:18

Tgt Ion:180 Resp: 416128

Ion	Ratio	Lower	Upper
180	100		
182	101.5	0.0	191.0
145	32.1	0.0	62.2



Abundance

Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

