

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX032620\
 Data File : VX015355.D
 Acq On : 26 Mar 2020 12:42
 Operator : JC/SP
 Sample : VX0326WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 27 07:47:57 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	209508	30.00	ug/l	-0.01
28) 1,4-Difluorobenzene	6.83	114	1151090	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	1032334	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	469231	28.66	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	95.53%
60) 4-Bromofluorobenzene	11.12	95	538655	30.49	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	101.63%
63) Toluene-d8	8.70	98	1335456	30.45	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.50%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.19	85	163977	16.390	ug/l 99
3) Chloromethane	1.31	50	201981	16.358	ug/l 99
4) Vinyl Chloride	1.39	62	202956	17.086	ug/l 99
5) Bromomethane	1.64	94	120845	19.110	ug/l 95
6) Chloroethane	1.72	64	129051	17.414	ug/l 98
7) Trichlorofluoromethane	1.92	101	301185	17.742	ug/l 99
8) Diethyl Ether	2.17	74	115708	17.716	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	199981	17.806	ug/l 96
10) 1,1-Dichloroethene	2.36	96	196895	17.260	ug/l 97
11) Methyl Iodide	2.49	142	254782	16.806	ug/l 99
12) Methyl Acetate	2.75	43	276830	16.584	ug/l 98
13) Acrolein	2.27	56	185325	85.342	ug/l 94
14) Acrylonitrile	3.11	53	598302	83.720	ug/l 99
15) Acetone	2.42	58	165523	91.087	ug/l 95
16) Carbon Disulfide	2.55	76	588445	17.645	ug/l 100
17) Allyl chloride	2.71	41	444365	17.253	ug/l 98
18) Methylene Chloride	2.83	84	222957	17.408	ug/l 99
19) trans-1,2-Dichloroethene	3.14	96	216180	17.518	ug/l 99
20) Diisopropyl ether	3.82	45	806804	17.466	ug/l 94
21) 1,1-Dichloroethane	3.67	63	410203	17.396	ug/l 100
22) cis-1,2-Dichloroethene	4.56	96	252073	17.731	ug/l 97
23) tert-Butyl Alcohol	3.03	59	301626	85.806	ug/l # 100
24) Methyl tert-Butyl Ether	3.17	73	739031	17.448	ug/l 99
25) Chloroform	5.18	83	407062	17.464	ug/l 97
26) Cyclohexane	5.55	56	387229	17.187	ug/l 98
29) 1,1-Dichloropropene	5.77	75	307597	17.786	ug/l 99
30) 2-Butanone	4.64	43	905045	87.299	ug/l 100
31) 2,2-Dichloropropane	4.55	77	393400	18.903	ug/l 98
32) 1,1,1-Trichloroethane	5.46	97	378113	17.920	ug/l 99
33) Carbon Tetrachloride	5.76	117	346172	18.003	ug/l 99
34) Benzene	6.11	78	907730	18.212	ug/l 98
35) Methacrylonitrile	5.00	41	206485	17.564	ug/l 96
36) 1,2-Dichloroethane	6.16	62	350997	18.224	ug/l 99
37) Trichloroethene	7.19	130	261369	18.623	ug/l 97
38) Methylcyclohexane	7.44	83	391578	18.470	ug/l 99
39) 1,2-Dichloropropane	7.49	63	236399	17.658	ug/l 97
40) Dibromomethane	7.64	93	160110	17.967	ug/l 98

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Instrument :
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 ClientSampleId :

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 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	7.87	83	344190	17.773	ug/l	99
42) Vinyl Acetate	3.78	43	3624598	92.273	ug/l	100
43) Ethyl Acetate	4.79	43	358099	15.880	ug/l	97
44) Isopropyl Acetate	6.41	43	625395	17.232	ug/l	99
45) 1,4-Dioxane	7.73	88	123294	368.776	ug/l	97
46) Methyl methacrylate	7.75	41	308605	17.040	ug/l	99
47) n-amyl Acetate	10.88	43	534308	17.075	ug/l	100
48) t-1,3-Dichloropropene	9.02	75	395962	17.711	ug/l	99
49) cis-1,3-Dichloropropene	8.42	75	417418	18.088	ug/l	97
50) 1,1,2-Trichloroethane	9.20	97	227572	17.795	ug/l	98
51) Ethyl methacrylate	9.16	69	376600	17.123	ug/l	99
52) 1,3-Dichloropropane	9.36	76	394082	17.841	ug/l	98
53) Dibromochloromethane	9.56	129	282208	17.902	ug/l	100
54) 1,2-Dibromoethane	9.65	107	244671	17.831	ug/l	99
55) 2-Chloroethyl vinyl ether	8.29	63	983016	94.631	ug/l	100
56) Bromoform	10.84	173	229533	17.708	ug/l #	97
58) 4-Methyl-2-Pentanone	8.62	43	1758860	89.022	ug/l	99
59) 2-Hexanone	9.47	43	1335715	88.865	ug/l	99
61) Tetrachloroethene	9.32	164	258124	19.453	ug/l	99
62) Toluene	8.76	91	969465	18.541	ug/l	99
64) Chlorobenzene	10.12	112	615145	18.298	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.20	131	254044	18.492	ug/l	97
66) Ethyl Benzene	10.23	91	1120296	18.755	ug/l	97
67) m/p-Xylenes	10.34	106	837240	37.032	ug/l	99
68) o-Xylene	10.68	106	408699	18.494	ug/l	99
69) Styrene	10.70	104	703938	18.283	ug/l	100
70) Isopropylbenzene	11.00	105	1113683	19.010	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.25	83	339754	17.893	ug/l	99
72) 1,2,3-Trichloropropane	11.28	75	412425	23.213	ug/l	87
73) Bromobenzene	11.24	156	297181	18.897	ug/l	94
74) n-propylbenzene	11.34	91	1265044	18.826	ug/l	100
75) 2-Chlorotoluene	11.40	91	754653	18.465	ug/l	98
76) 1,3,5-Trimethylbenzene	11.49	105	950208	18.887	ug/l	99
77) t-1,4-Dichloro-2-butene	11.06	75	132739	17.337	ug/l	99
78) 4-Chlorotoluene	11.49	91	881849	18.651	ug/l	98
79) tert-butylbenzene	11.76	119	941928	18.733	ug/l	99
80) 1,2,4-Trimethylbenzene	11.79	105	946059	18.563	ug/l	99
81) sec-Butylbenzene	11.93	105	1079773	18.720	ug/l	100
82) p-Isopropyltoluene	12.05	119	1024918	18.853	ug/l	99
83) 1,3-Dichlorobenzene	12.01	146	514151	18.182	ug/l	99
84) 1,4-Dichlorobenzene	12.08	146	517110	18.324	ug/l	99
85) n-Butylbenzene	12.37	91	915774	18.899	ug/l	100
86) Hexachloroethane	12.58	117	195097	18.568	ug/l	94
87) 1,2-Dichlorobenzene	12.38	146	505184	18.312	ug/l	100
88) 1,2-Dibromo-3-Chloropropan	12.98	75	82220	16.439	ug/l	93
89) 1,2,4-Trichlorobenzene	13.63	180	400040	18.000	ug/l	98
90) Hexachlorobutadiene	13.77	225	217319	18.563	ug/l	98
91) Naphthalene	13.82	128	1133760	17.618	ug/l	99
92) 1,2,3-Trichlorobenzene	14.01	180	392136	17.762	ug/l	100

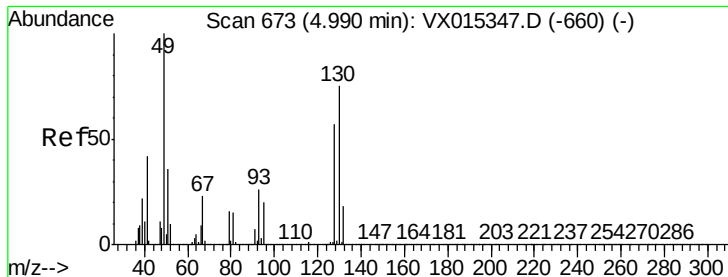
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX032620\
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Mar 26 02:31:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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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# 671

Delta R.T. -0.01 min

Lab File: VX015355.D

Acq: 26 Mar 2020 12:42

Instrument :
MSVOA_X
ClientSampleId :

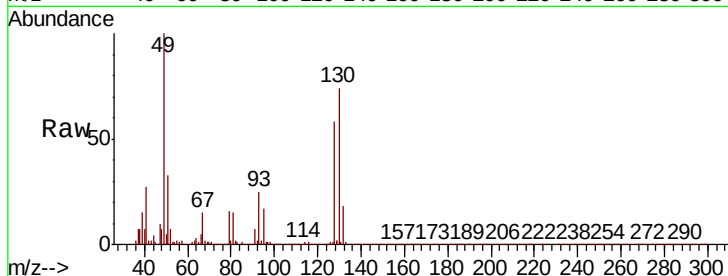
Tot Ion:128 Resp: 209508

Ion Ratio Lower Upper

128 100

49 166.6 0.0 428.0

130 126.0 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

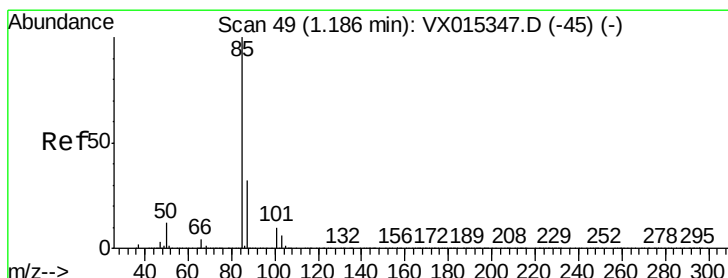
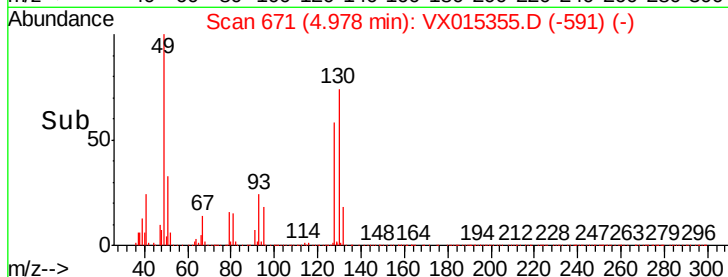
100000

50000

0

4.90 5.00 5.10

Time-->



#2

Dichlorodifluoromethane

Concen: 16.390 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.00 min

Lab File: VX015355.D

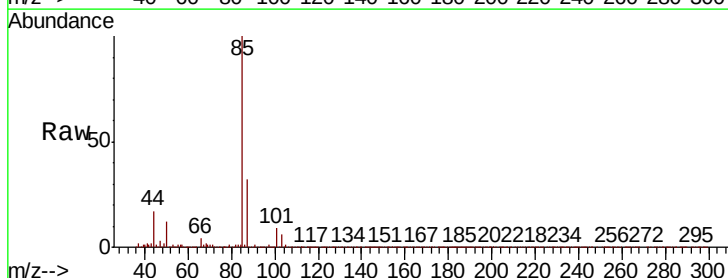
Acq: 26 Mar 2020 12:42

Tgt Ion: 85 Resp: 163977

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

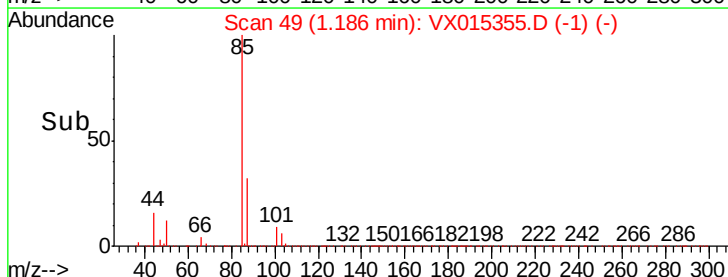
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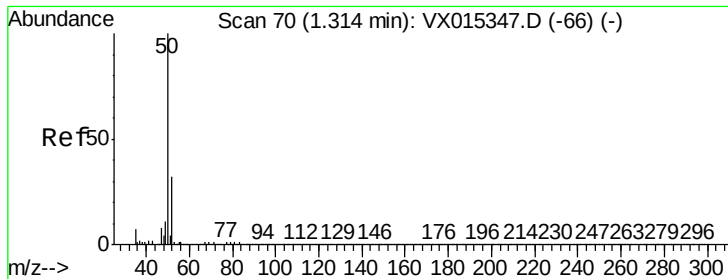
50000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 16.358 ug/l

RT: 1.31 min Scan# 70

Delta R.T. 0.00 min

Lab File: VX015355.D

Acq: 26 Mar 2020 12:42

Instrument :

MSVOA_X

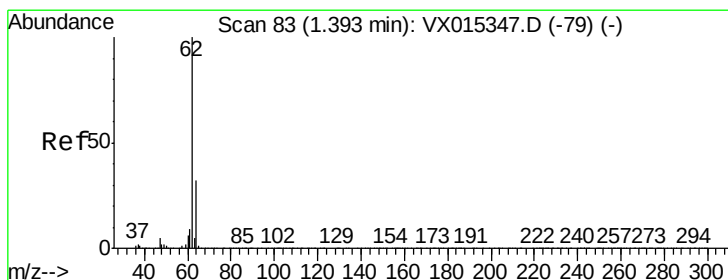
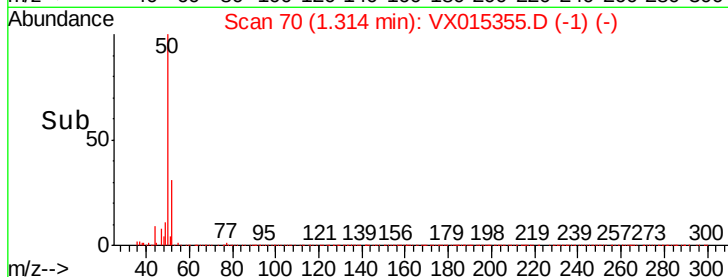
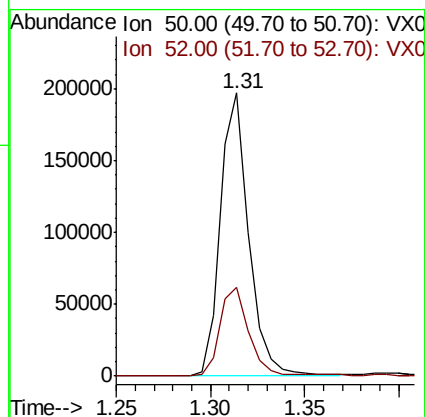
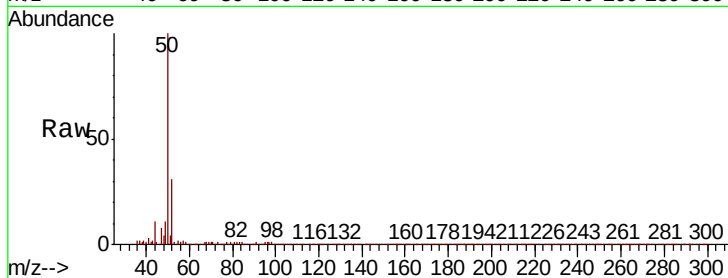
ClientSampleId :

Tot Ion: 50 Resp: 201981

Ion Ratio Lower Upper

50 100

52 31.2 25.5 38.3



#4

Vinyl Chloride

Concen: 17.086 ug/l

RT: 1.39 min Scan# 83

Delta R.T. 0.00 min

Lab File: VX015355.D

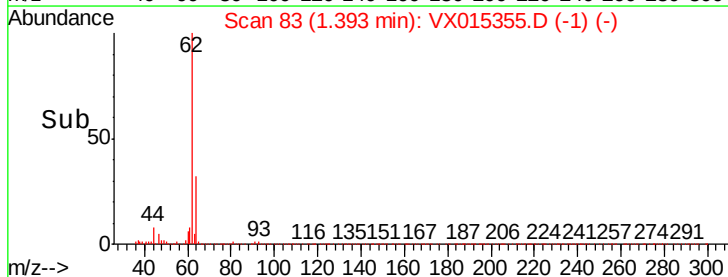
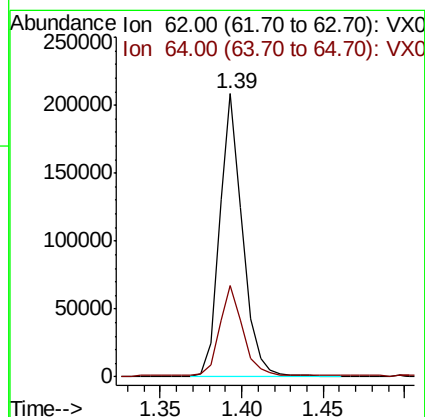
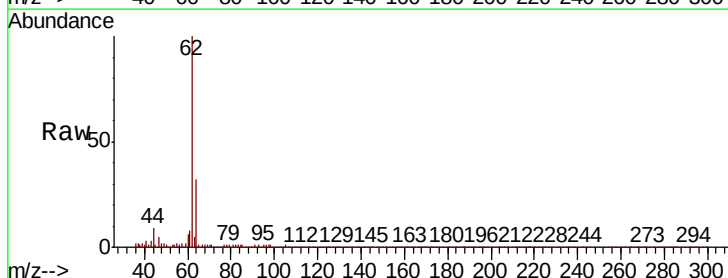
Acq: 26 Mar 2020 12:42

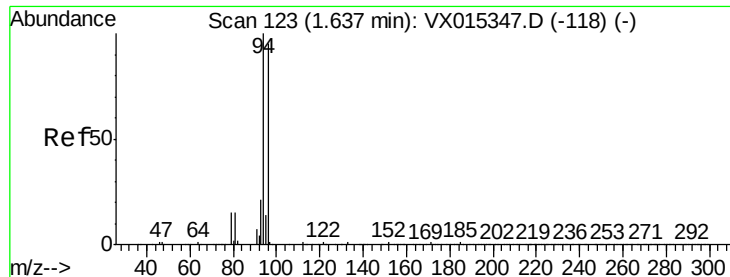
Tgt Ion: 62 Resp: 202956

Ion Ratio Lower Upper

62 100

64 32.0 25.4 38.0





#5

Bromomethane

Concen: 19.110 ug/l

RT: 1.64 min Scan# 123

Delta R.T. 0.00 min

Lab File: VX015355.D

Acq: 26 Mar 2020 12:42

Instrument :

MSVOA_X

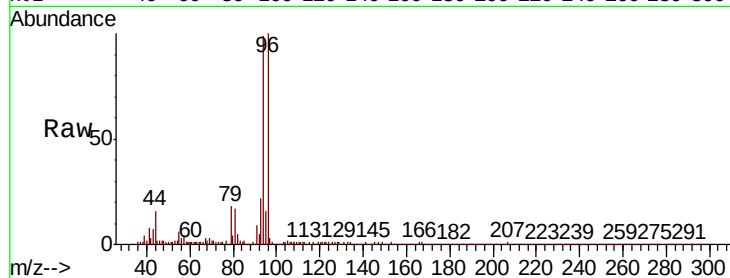
ClientSampleId :

Tot Ion: 94 Resp: 120845

Ion Ratio Lower Upper

94 100

96 99.9 76.1 114.1



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0

1.64

120000

100000

80000

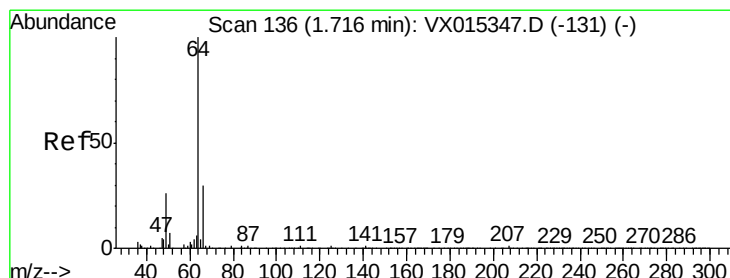
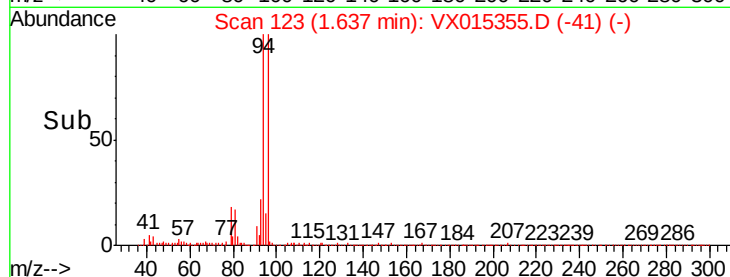
60000

40000

20000

0

Time-->



#6

Chloroethane

Concen: 17.414 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.00 min

Lab File: VX015355.D

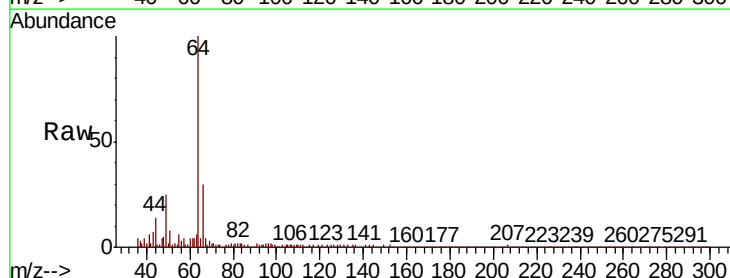
Acq: 26 Mar 2020 12:42

Tgt Ion: 64 Resp: 129051

Ion Ratio Lower Upper

64 100

66 29.4 24.3 36.5



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0

1.72

120000

100000

80000

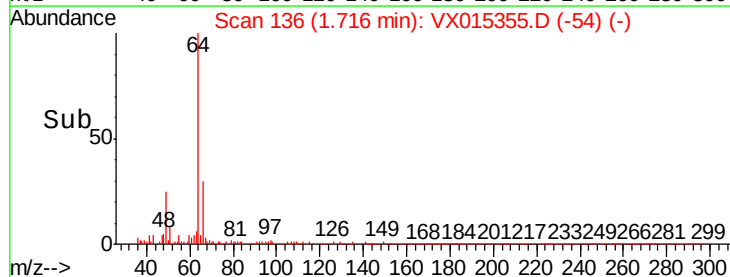
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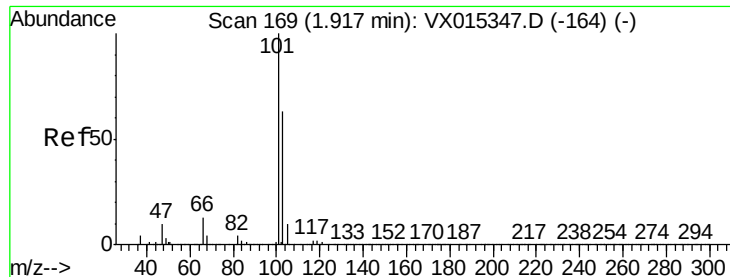
40000

20000

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Time-->



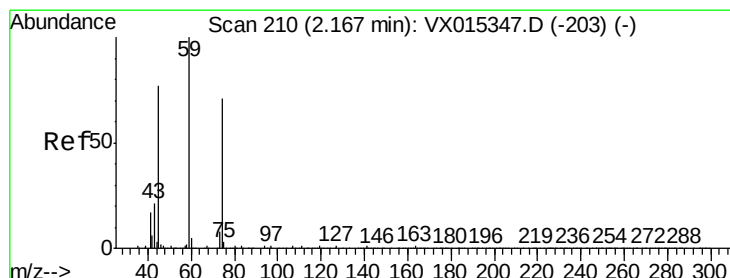
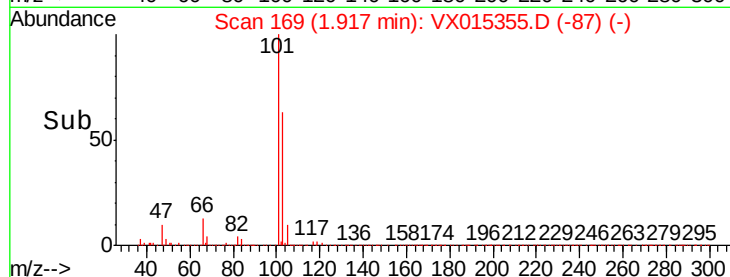
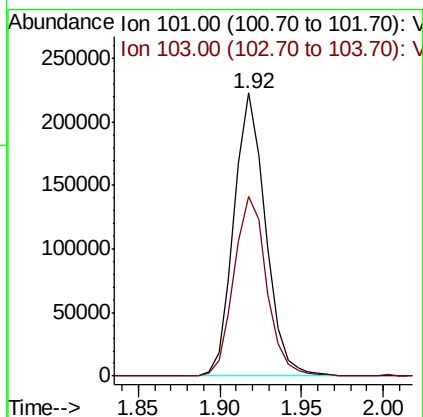
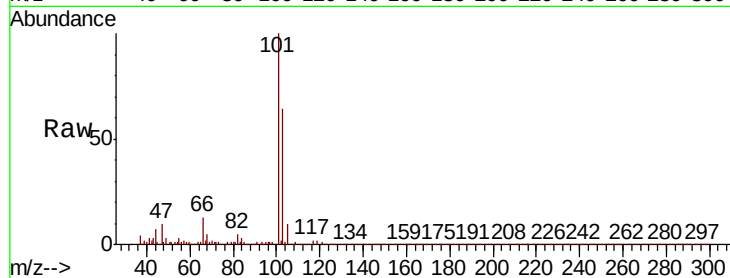


#7

Trichlorofluoromethane
Concen: 17.742 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX015355.D
Acq: 26 Mar 2020 12:42

Instrument :
MSVOA_X
ClientSampleId :

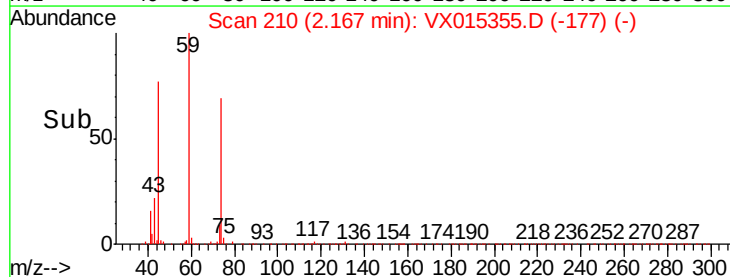
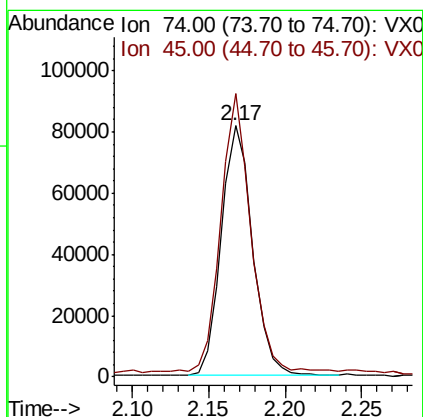
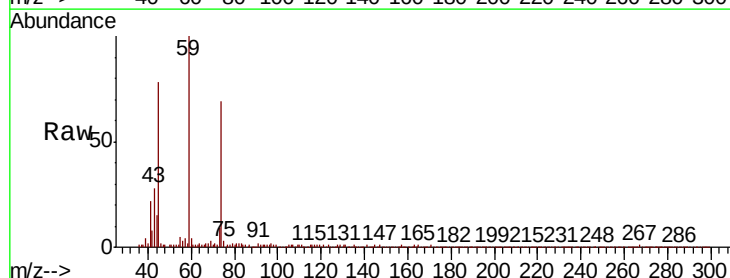
Tot Ion	Ratio	Lower	Upper
101	100		
103	63.3	49.9	74.9

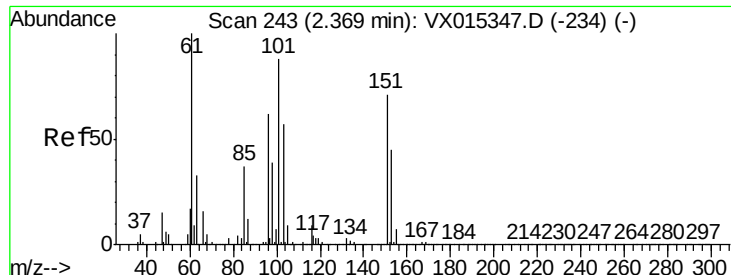


#8

Diethyl Ether
Concen: 17.716 ug/l
RT: 2.17 min Scan# 210
Delta R.T. 0.00 min
Lab File: VX015355.D
Acq: 26 Mar 2020 12:42

Tgt Ion	Ratio	Lower	Upper
74	100		
45	106.9	21.8	196.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.806 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.00 min

Lab File: VX015355.D

Acq: 26 Mar 2020 12:42

Instrument :

MSVOA_X

ClientSampled :

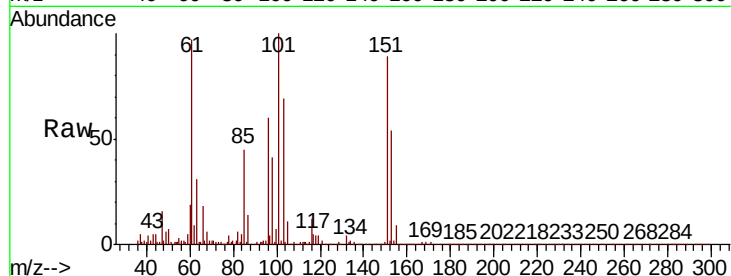
Tot Ion:101 Resp: 199981

Ion Ratio Lower Upper

101 100

85 45.0 0.0 85.8

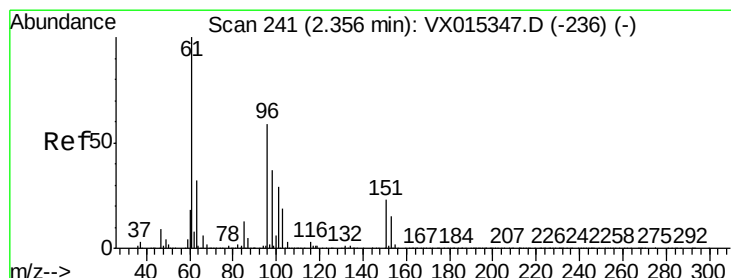
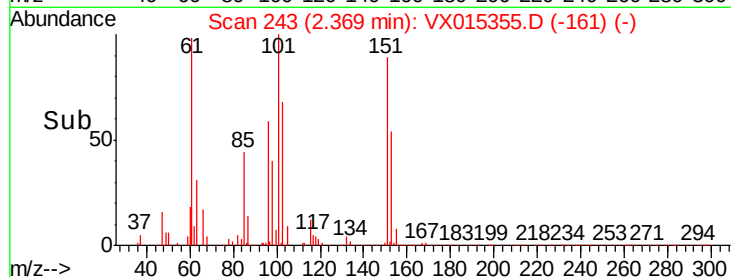
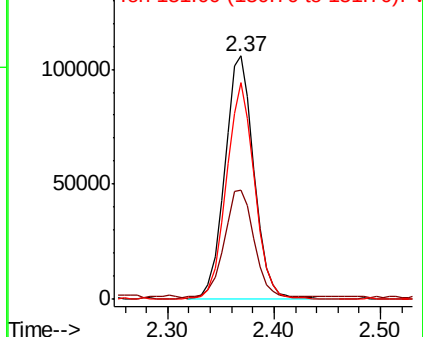
151 85.8 0.0 164.6



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: 17.260 ug/l

RT: 2.36 min Scan# 241

Delta R.T. 0.00 min

Lab File: VX015355.D

Acq: 26 Mar 2020 12:42

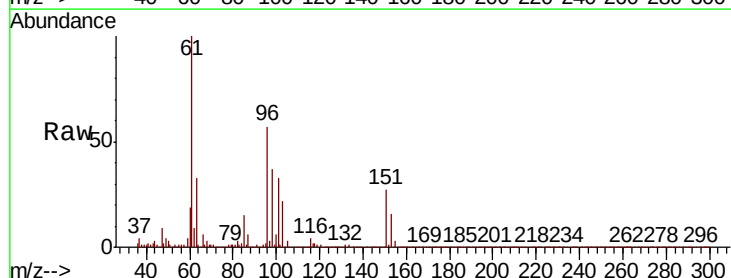
Tgt Ion: 96 Resp: 196895

Ion Ratio Lower Upper

96 100

61 175.0 135.5 203.3

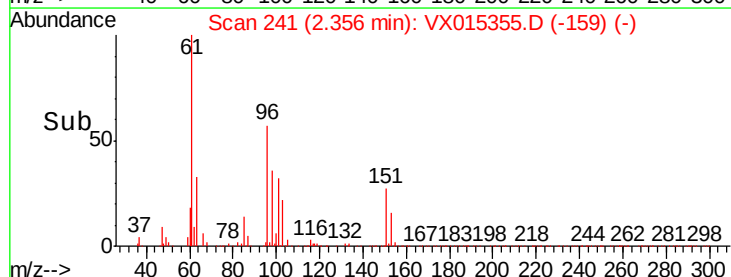
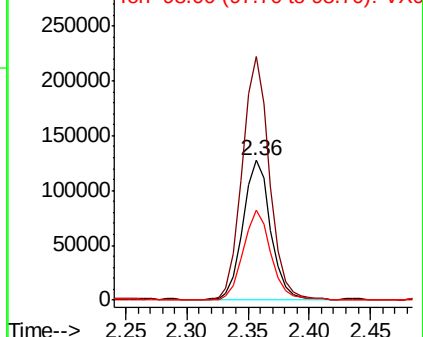
98 64.1 50.2 75.2

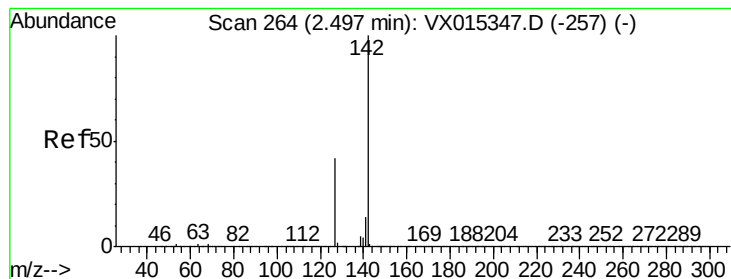


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#11

Methvl Iodide

Concen: 16.806 ug/l

RT: 2.49 min Scan# 263

Delta R.T. -0.01 min

Lab File: VX015355.D

Acq: 26 Mar 2020 12:42

Instrument :

MSVOA_X

ClientSampleId :

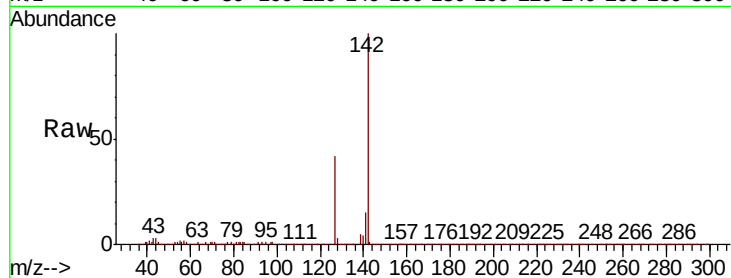
Tot Ion:142 Resp: 254782

Ion Ratio Lower Upper

142 100

127 42.0 21.0 63.0

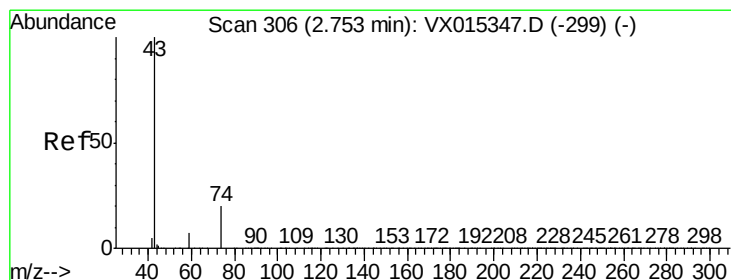
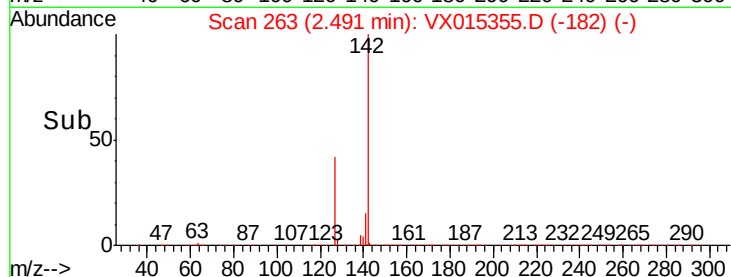
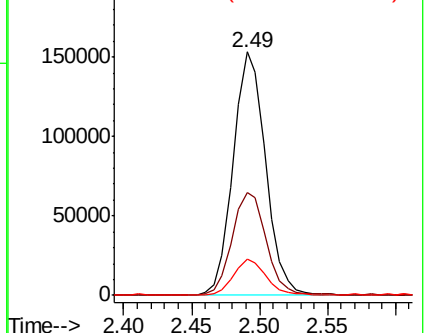
141 14.7 6.9 20.7



Abundance Ion 142.00 (141.70 to 142.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 141.00 (140.70 to 141.70): V



#12

Methyl Acetate

Concen: 16.584 ug/l

RT: 2.75 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX015355.D

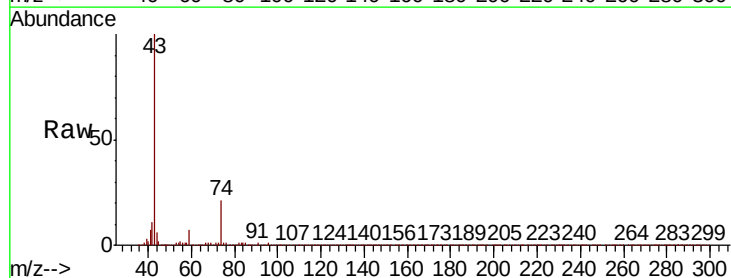
Acq: 26 Mar 2020 12:42

Tgt Ion: 43 Resp: 276830

Ion Ratio Lower Upper

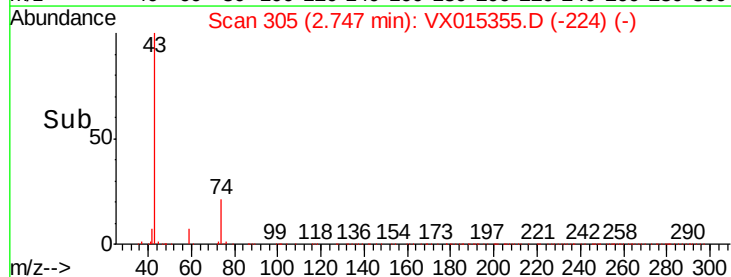
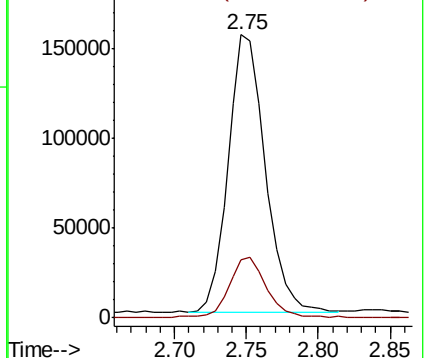
43 100

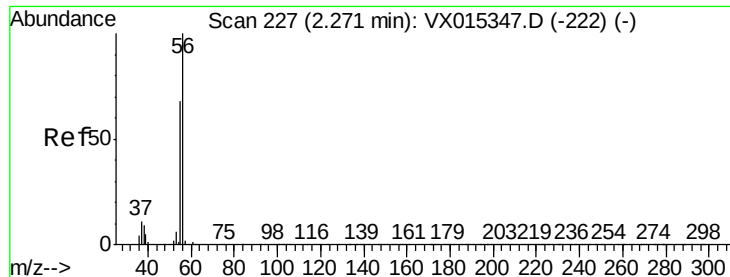
74 20.5 15.8 23.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

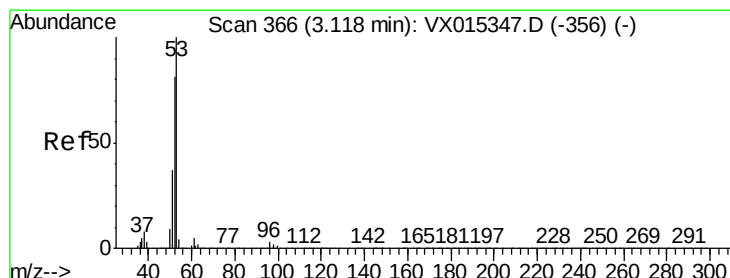
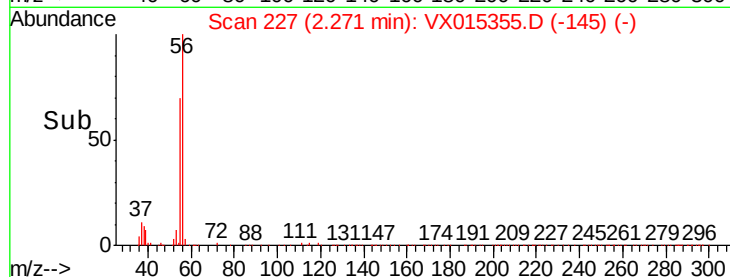
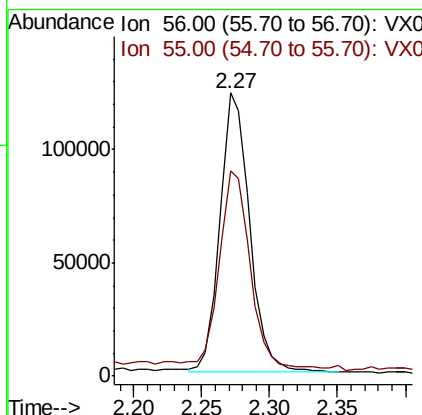
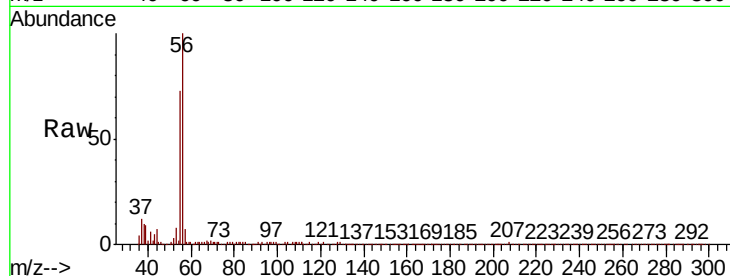




#13
Acrolein
Concen: 85.342 ug/l
RT: 2.27 min Scan# 227
Delta R.T. 0.00 min
Lab File: VX015355.D
Acq: 26 Mar 2020 12:42

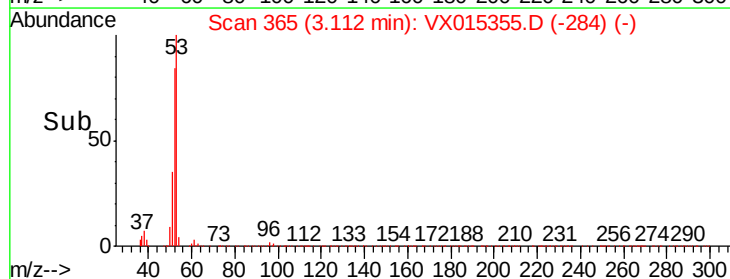
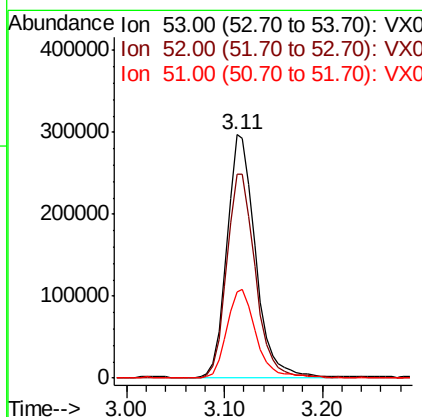
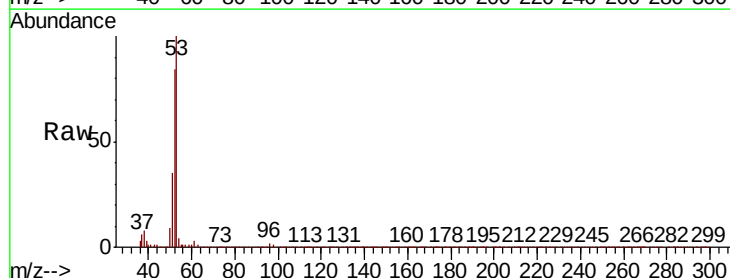
Instrument :
MSVOA_X
ClientSampleId :

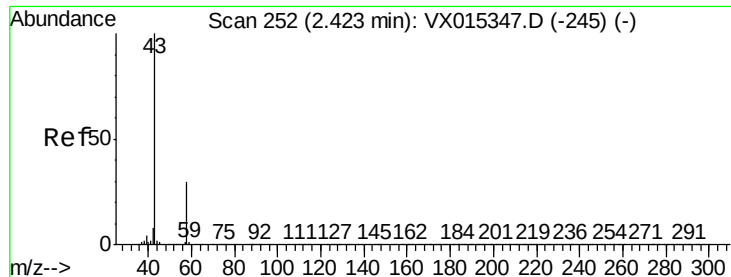
Tot Ion: 56 Resp: 185325
Ion Ratio Lower Upper
56 100
55 71.9 53.5 80.3



#14
Acrylonitrile
Concen: 83.720 ug/l
RT: 3.11 min Scan# 365
Delta R.T. -0.01 min
Lab File: VX015355.D
Acq: 26 Mar 2020 12:42

Tgt Ion: 53 Resp: 598302
Ion Ratio Lower Upper
53 100
52 83.6 41.0 123.2
51 37.0 18.4 55.4





#15

Acetone

Concen: 91.087 ug/l

RT: 2.42 min Scan# 252

Delta R.T. 0.00 min

Lab File: VX015355.D

Acq: 26 Mar 2020 12:42

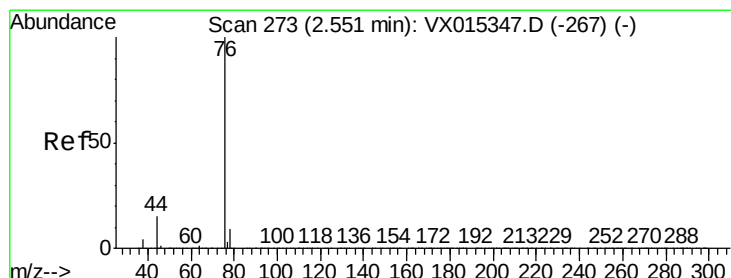
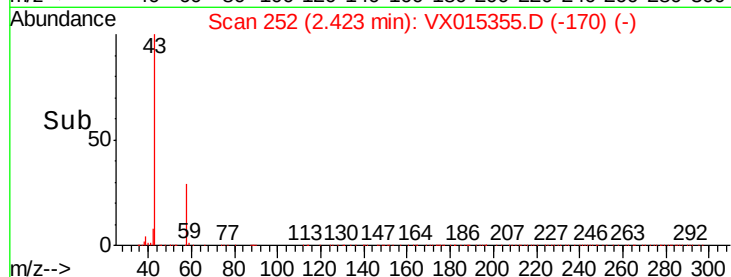
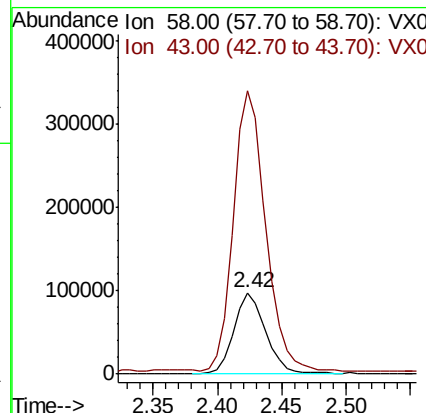
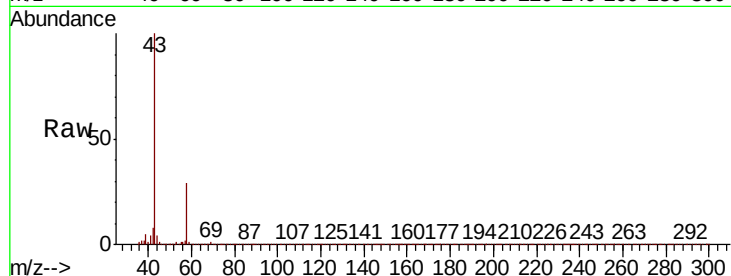
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 58 Resp: 165523

Ion Ratio Lower Upper

58 100

43 345.0 267.8 401.8



#16

Carbon Disulfide

Concen: 17.645 ug/l

RT: 2.55 min Scan# 273

Delta R.T. 0.00 min

Lab File: VX015355.D

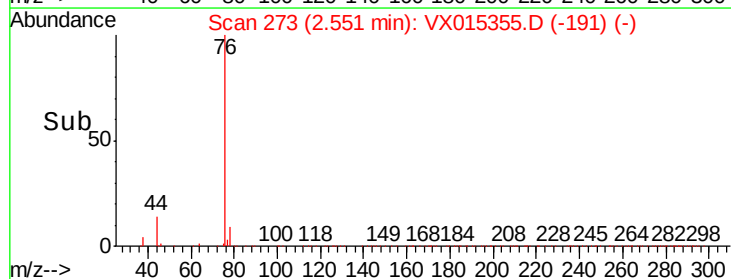
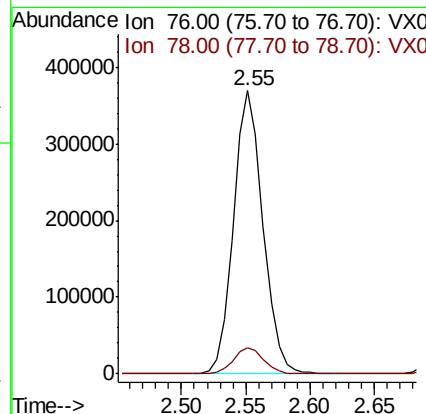
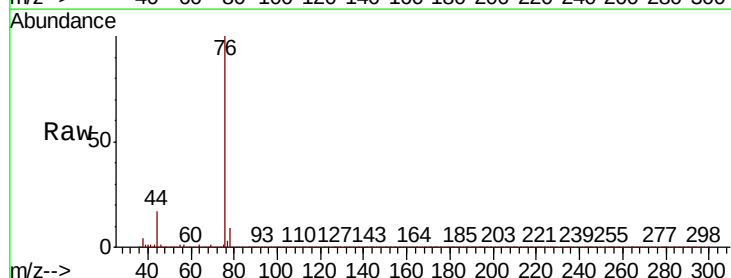
Acq: 26 Mar 2020 12:42

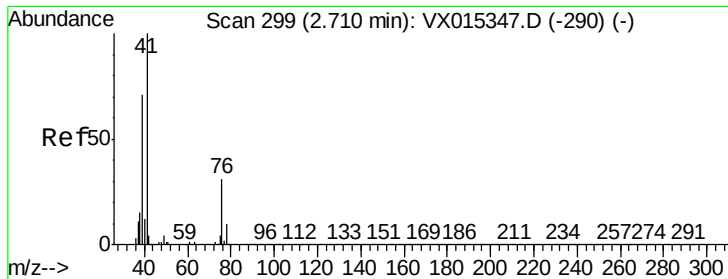
Tgt Ion: 76 Resp: 588445

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.2

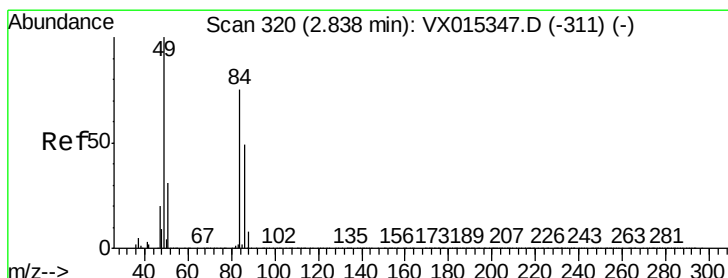
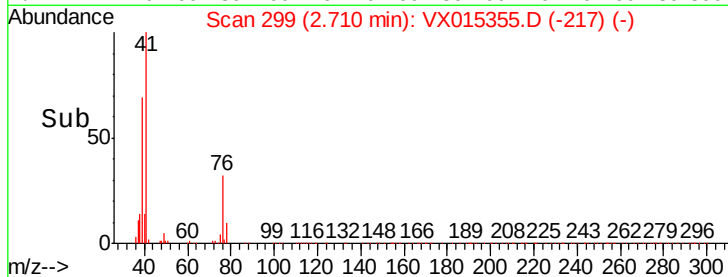
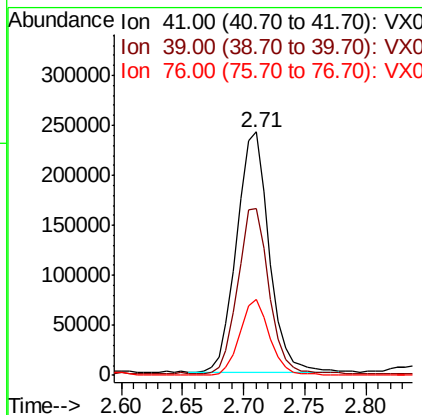
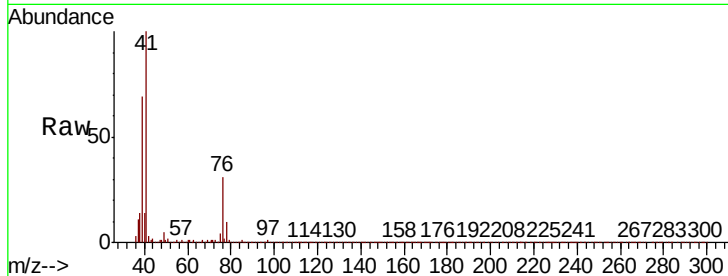




#17
Allvl chloride
Concen: 17.253 ug/l
RT: 2.71 min Scan# 299
Delta R.T. 0.00 min
Lab File: VX015355.D
Acq: 26 Mar 2020 12:42

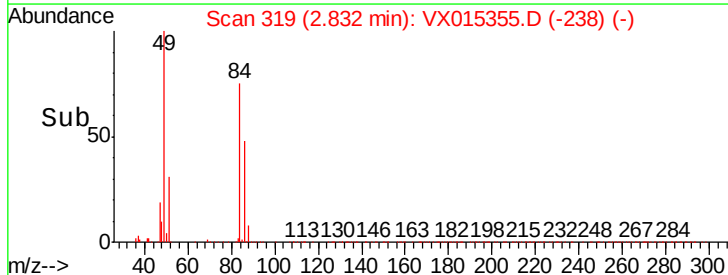
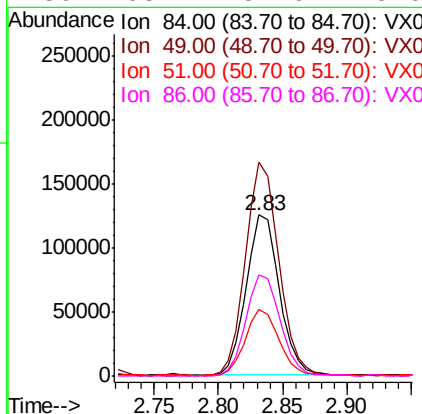
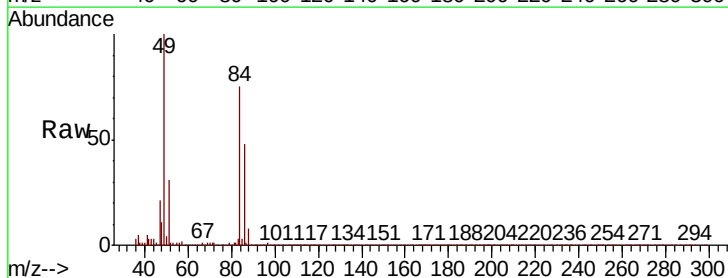
Instrument :
MSVOA_X
ClientSampleId :

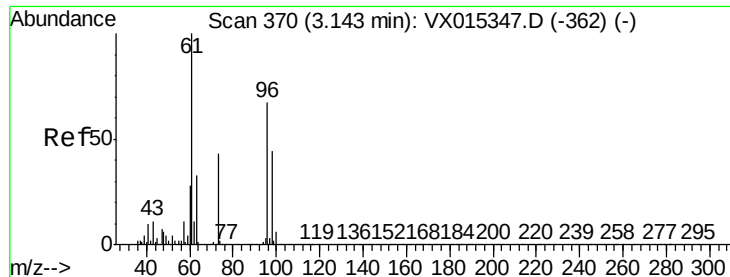
Tot Ion	Ratio	Lower	Upper
41	100		
39	68.8	35.6	106.8
76	31.6	15.4	46.4



#18
Methylene Chloride
Concen: 17.408 ug/l
RT: 2.83 min Scan# 319
Delta R.T. -0.01 min
Lab File: VX015355.D
Acq: 26 Mar 2020 12:42

Tgt Ion	Ratio	Lower	Upper
84	100		
49	133.1	107.0	160.4
51	40.7	33.4	50.0
86	63.2	52.6	79.0





#19

trans-1,2-Dichloroethene

Concen: 17.518 ug/l

RT: 3.14 min Scan# 370

Delta R.T. 0.00 min

Lab File: VX015355.D

Acq: 26 Mar 2020 12:42

Instrument :

MSVOA_X

ClientSampleId :

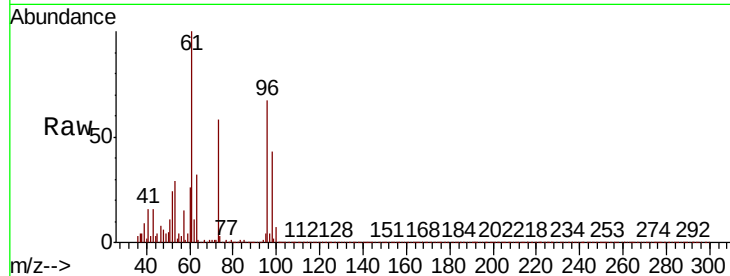
Tot Ion: 96 Resp: 216180

Ion Ratio Lower Upper

96 100

61 149.3 118.2 177.2

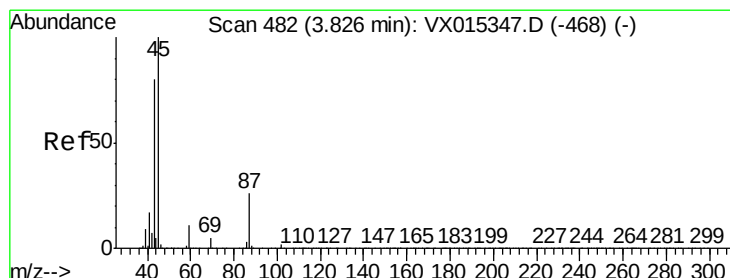
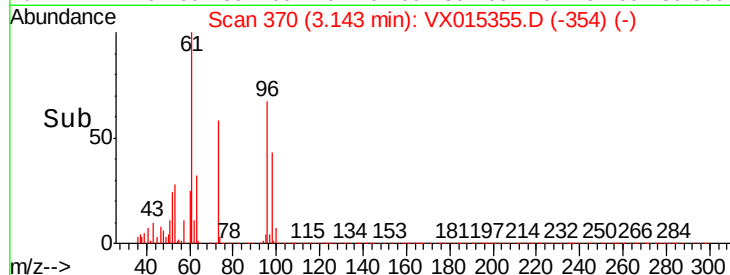
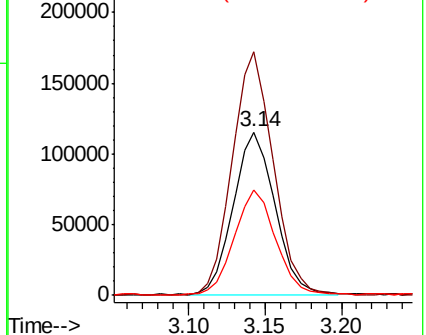
98 63.8 51.9 77.9



Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



#20

Diisopropyl ether

Concen: 17.466 ug/l

RT: 3.82 min Scan# 481

Delta R.T. -0.01 min

Lab File: VX015355.D

Acq: 26 Mar 2020 12:42

Tgt Ion: 45 Resp: 806804

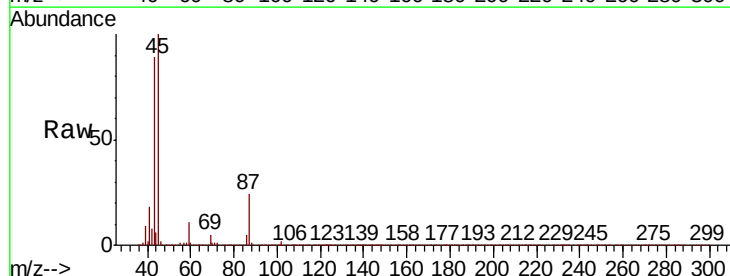
Ion Ratio Lower Upper

45 100

43 87.7 64.4 96.6

87 23.9 20.4 30.6

59 10.5 8.7 13.1

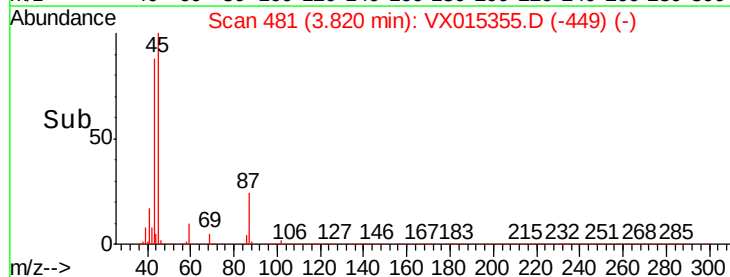
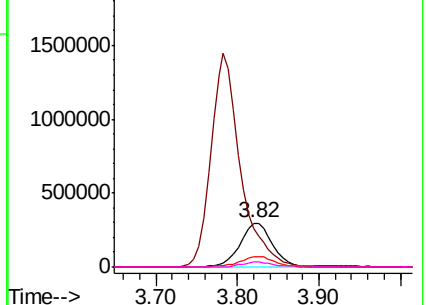


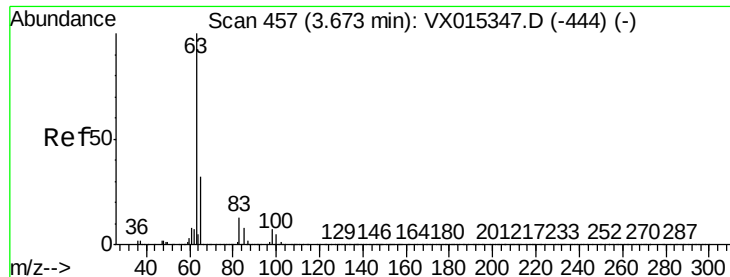
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#21

1,1-Dichloroethane

Concen: 17.396 ug/l

RT: 3.67 min Scan# 456

Delta R.T. -0.01 min

Lab File: VX015355.D

Acq: 26 Mar 2020 12:42

Instrument :

MSVOA_X

ClientSampleId :

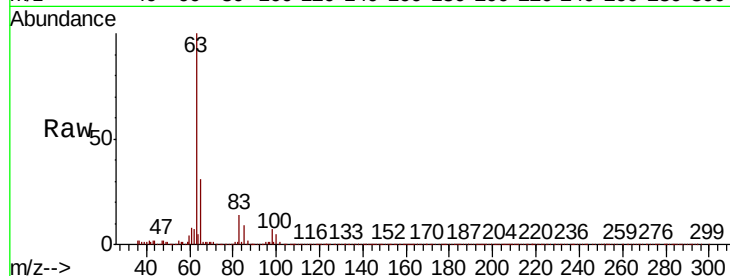
Tot Ion: 63 Resp: 410203

Ion Ratio Lower Upper

63 100

98 6.5 3.3 9.9

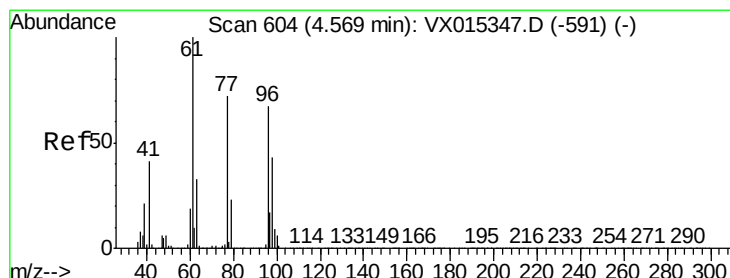
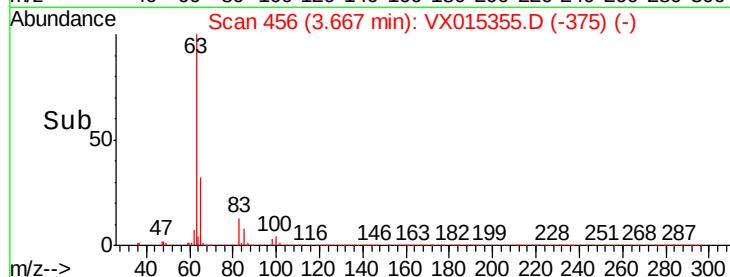
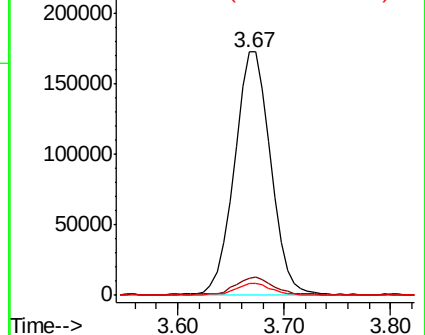
100 4.6 2.3 6.8



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: 17.731 ug/l

RT: 4.56 min Scan# 603

Delta R.T. -0.01 min

Lab File: VX015355.D

Acq: 26 Mar 2020 12:42

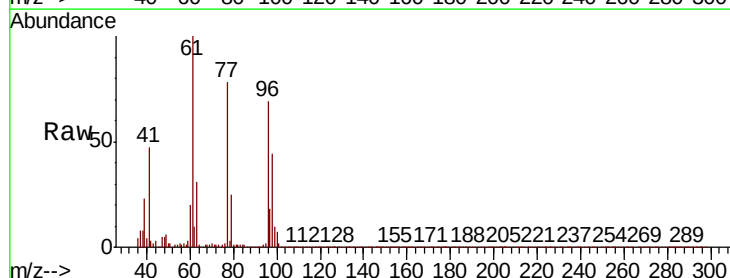
Tgt Ion: 96 Resp: 252073

Ion Ratio Lower Upper

96 100

61 154.3 127.2 190.8

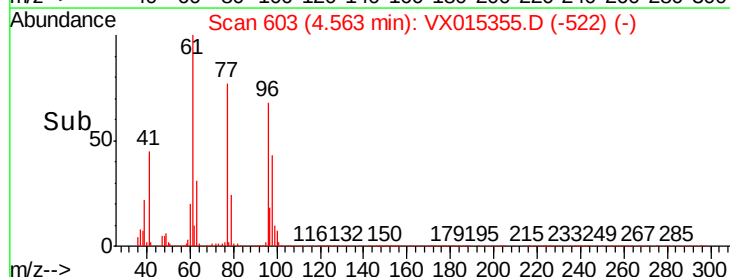
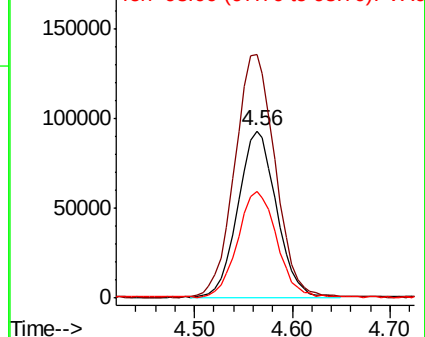
98 64.5 51.8 77.6

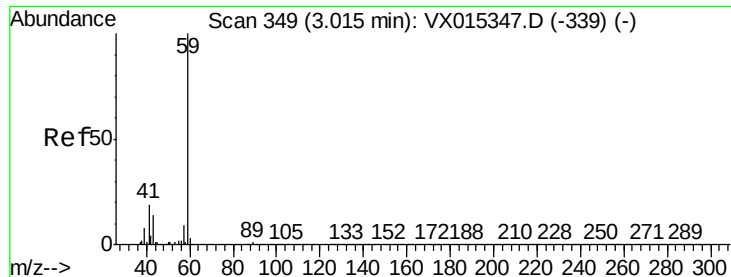


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

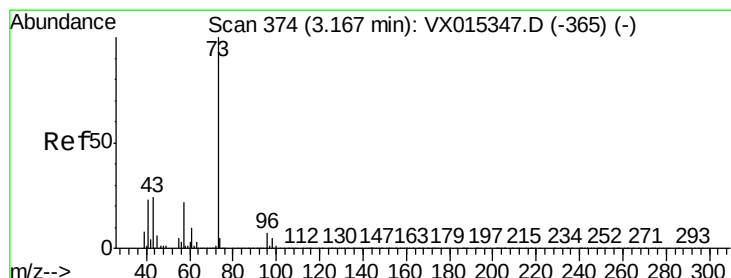
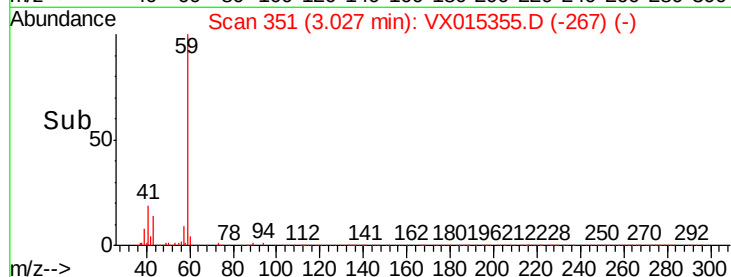
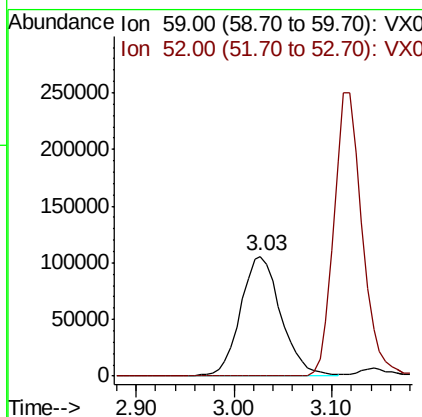
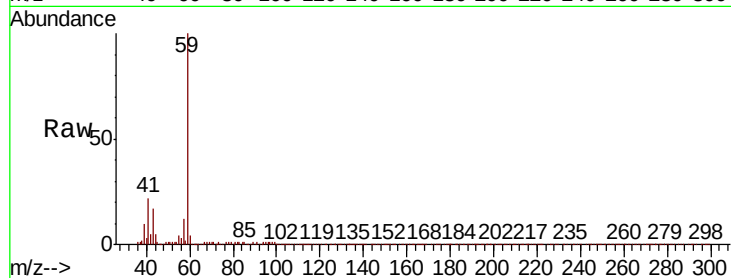




#23
tert-Butyl Alcohol
Concen: 85.806 ug/l
RT: 3.03 min Scan# 351
Delta R.T. 0.01 min
Lab File: VX015355.D
Acq: 26 Mar 2020 12:42

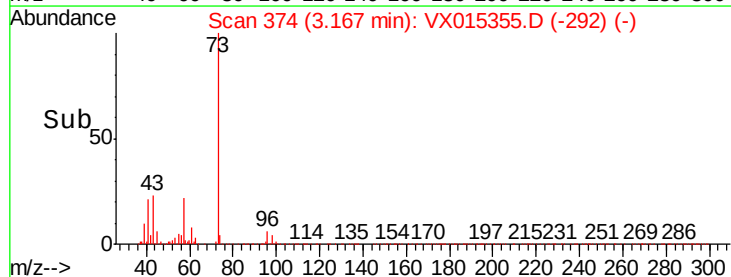
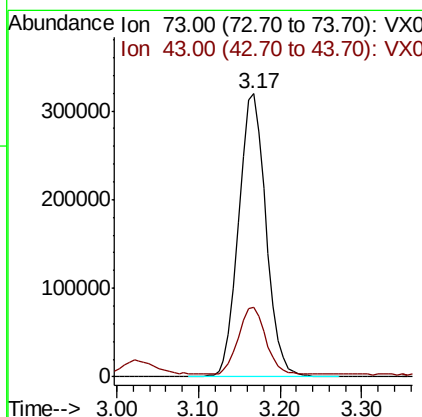
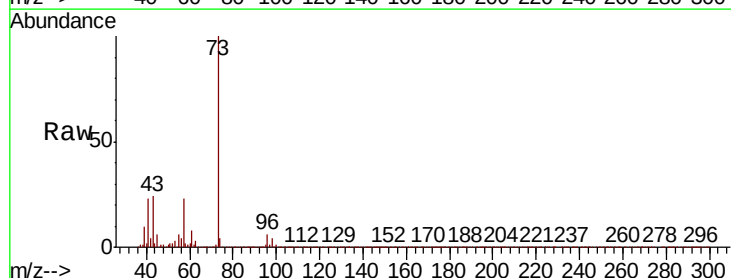
Instrument :
MSVOA_X
ClientSampled :

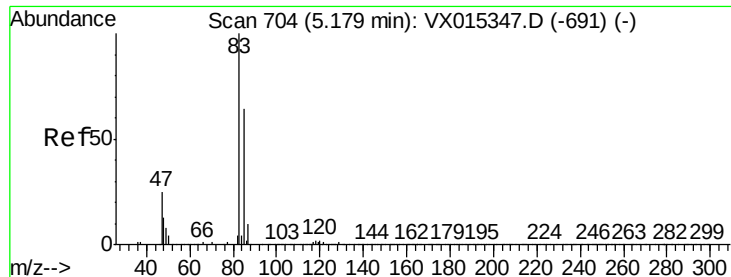
Tot Ion: 59 Resp: 301626
Ion Ratio Lower Upper
59 100
52 0.0 0.2 0.2#



#24
Methyl tert-Butyl Ether
Concen: 17.448 ug/l
RT: 3.17 min Scan# 374
Delta R.T. 0.00 min
Lab File: VX015355.D
Acq: 26 Mar 2020 12:42

Tgt Ion: 73 Resp: 739031
Ion Ratio Lower Upper
73 100
43 23.7 19.2 28.8

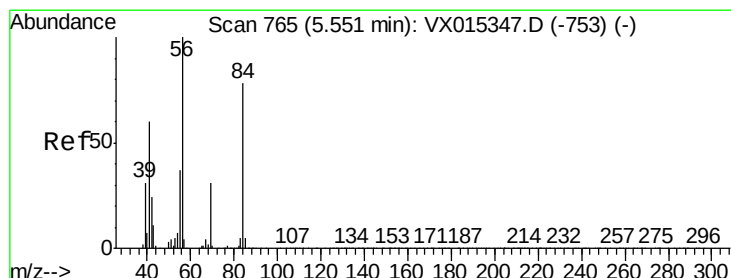
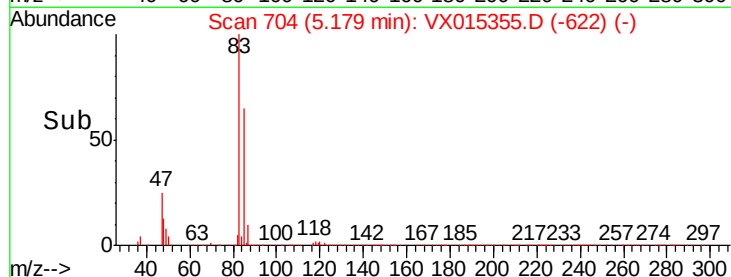
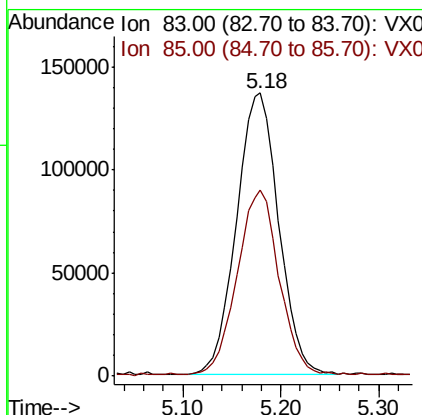
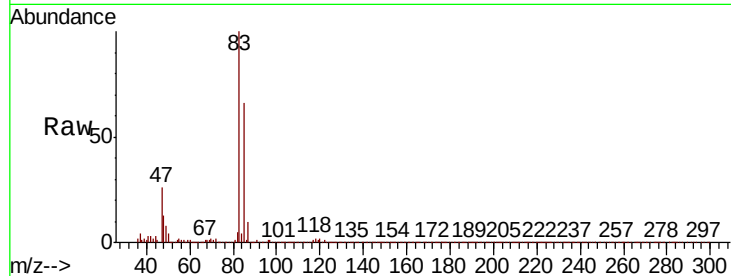




#25
Chloroform
Concen: 17.464 ug/l
RT: 5.18 min Scan# 704
Delta R.T. 0.00 min
Lab File: VX015355.D
Acq: 26 Mar 2020 12:42

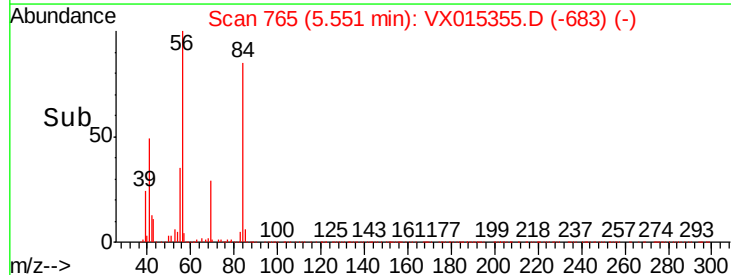
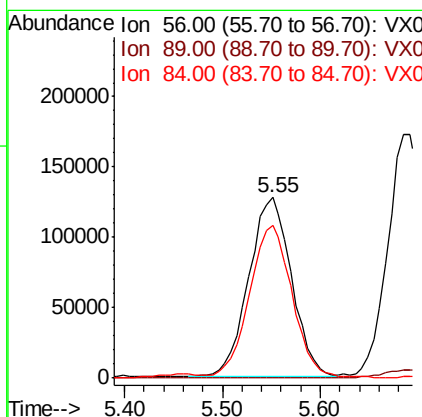
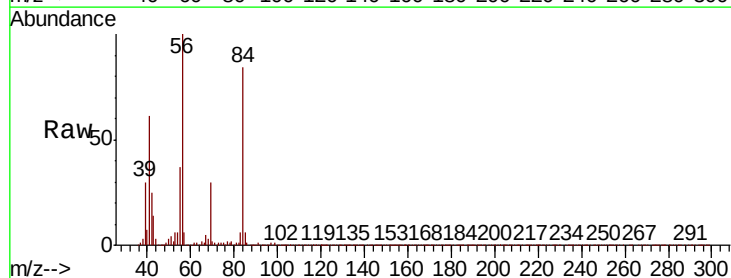
Instrument :
MSVOA_X
ClientSampleId :

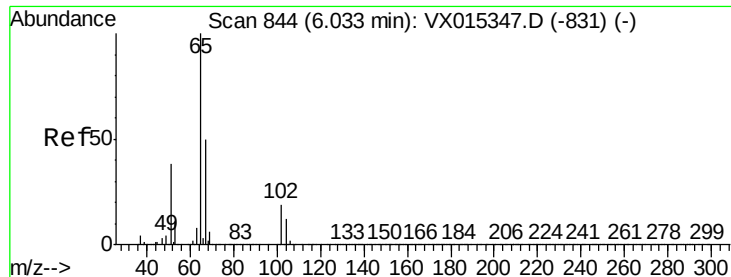
Tot Ion: 83 Resp: 407062
Ion Ratio Lower Upper
83 100
85 65.8 50.5 75.7



#26
Cyclohexane
Concen: 17.187 ug/l
RT: 5.55 min Scan# 765
Delta R.T. 0.00 min
Lab File: VX015355.D
Acq: 26 Mar 2020 12:42

Tgt Ion: 56 Resp: 387229
Ion Ratio Lower Upper
56 100
89 0.1 0.1 0.1
84 84.1 66.1 99.1





#27

1,2-Dichloroethane-d4

Concen: 28.661 ug/l

RT: 6.03 min Scan# 844

Delta R.T. 0.00 min

Lab File: VX015355.D

Acq: 26 Mar 2020 12:42

Instrument :

MSVOA_X

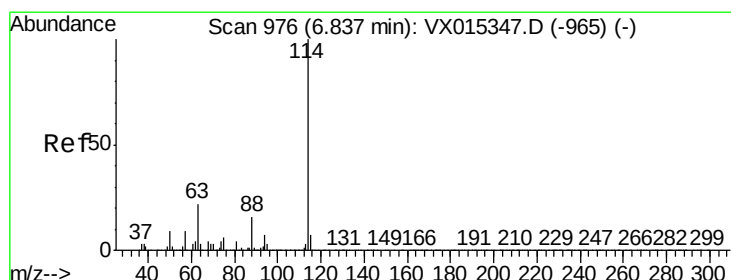
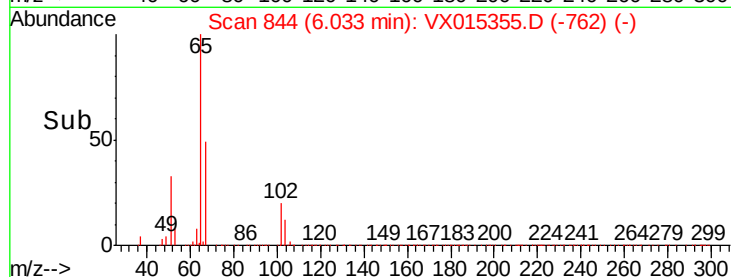
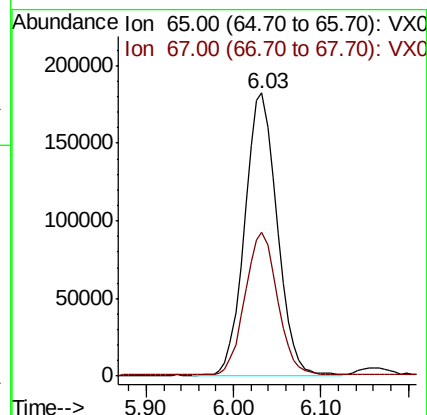
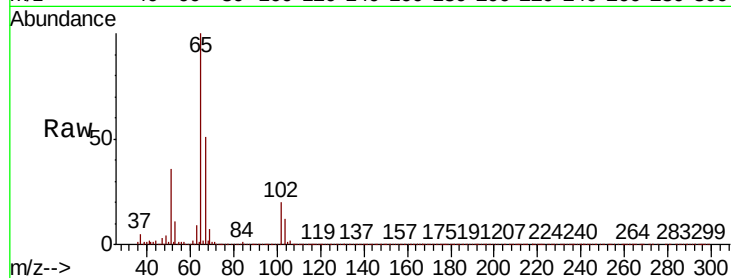
ClientSampled :

Tot Ion: 65 Resp: 469231

Ion Ratio Lower Upper

65 100

67 50.6 40.9 61.3



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.83 min Scan# 975

Delta R.T. -0.01 min

Lab File: VX015355.D

Acq: 26 Mar 2020 12:42

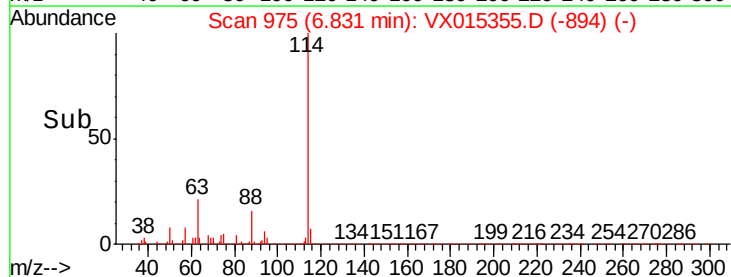
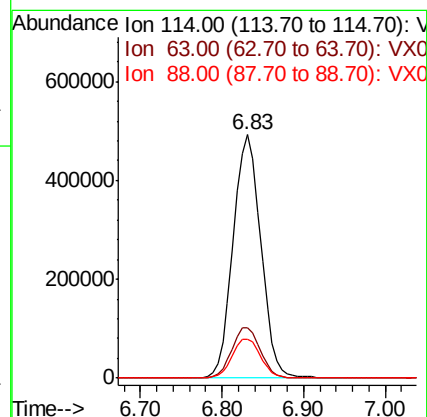
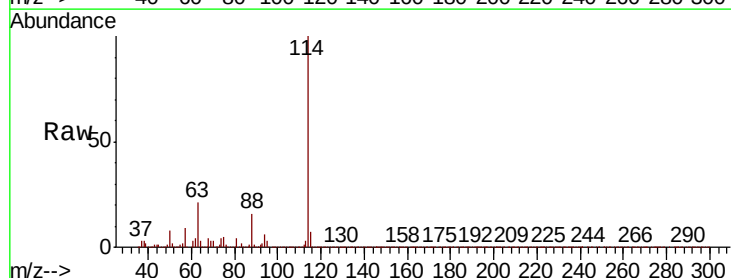
Tgt Ion: 114 Resp: 1151090

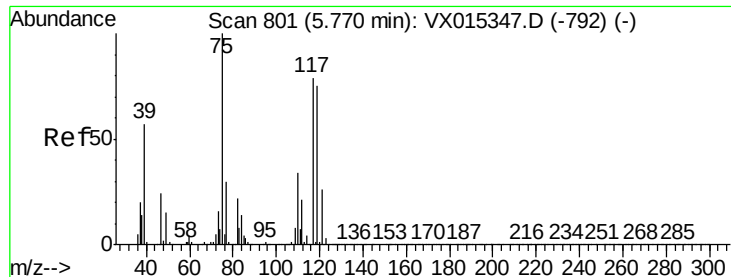
Ion Ratio Lower Upper

114 100

63 21.4 17.4 26.2

88 16.6 12.9 19.3





#29

1,1-Dichloropropene

Concen: 17.786 ug/l

RT: 5.77 min Scan# 801

Delta R.T. 0.00 min

Lab File: VX015355.D

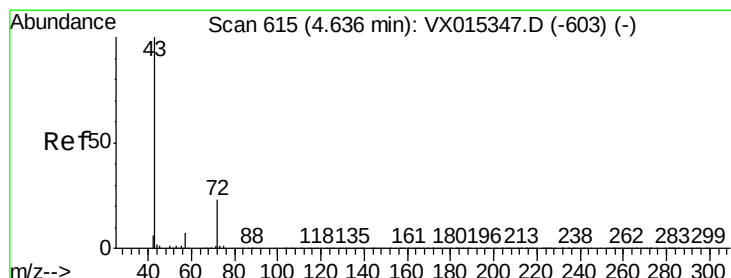
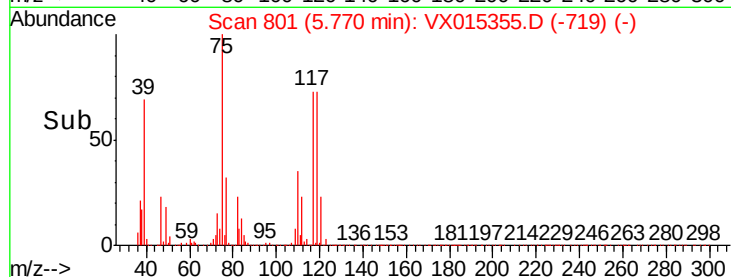
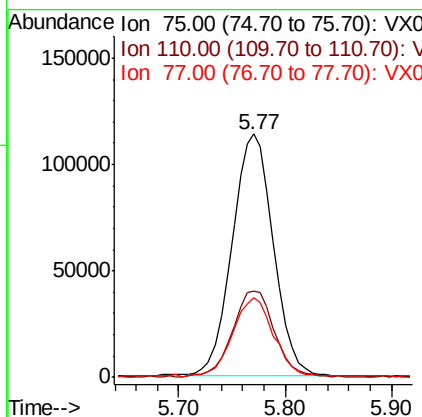
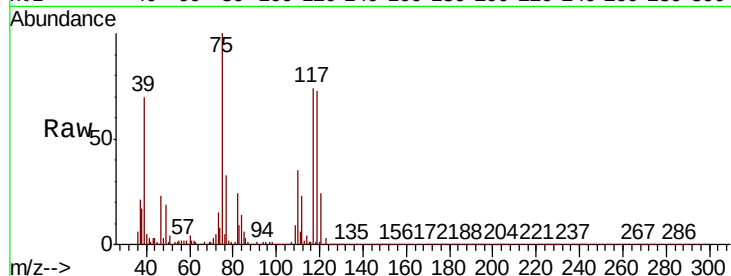
Acq: 26 Mar 2020 12:42

Instrument :

MSVOA_X

ClientSampled :

Tot Ion:	75	Resp:	307597
Ion	Ratio	Lower	Upper
75	100		
110	35.9	0.0	71.2
77	32.2	0.0	62.2



#30

2-Butanone

Concen: 87.299 ug/l

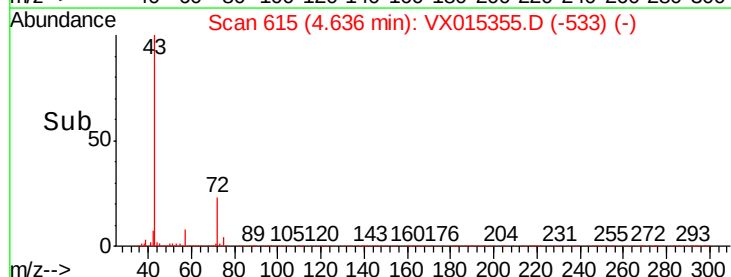
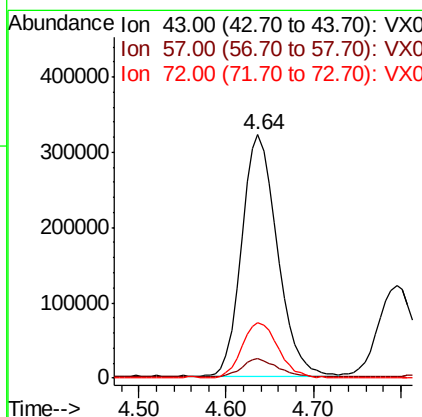
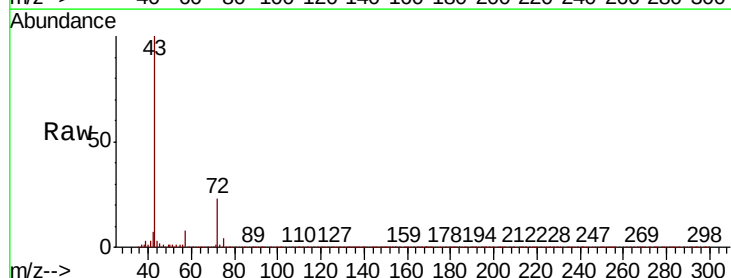
RT: 4.64 min Scan# 615

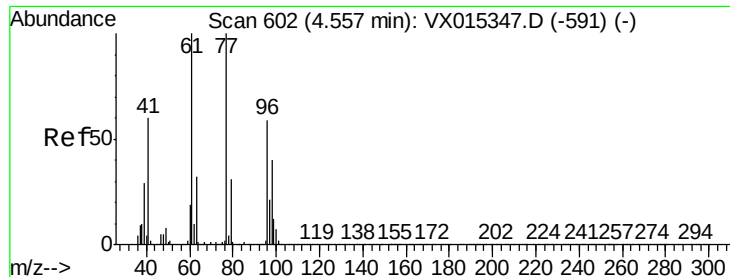
Delta R.T. 0.00 min

Lab File: VX015355.D

Acq: 26 Mar 2020 12:42

Tgt Ion:	43	Resp:	905045
Ion	Ratio	Lower	Upper
43	100		
57	7.5	5.9	8.9
72	23.0	18.6	27.8

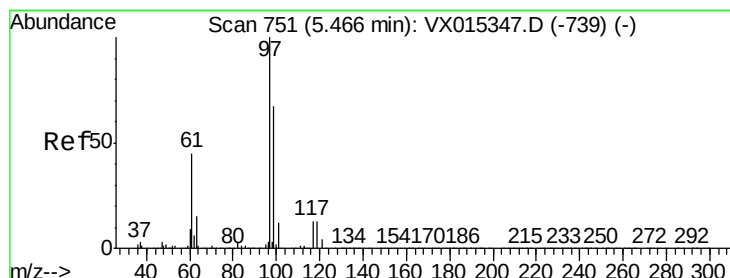
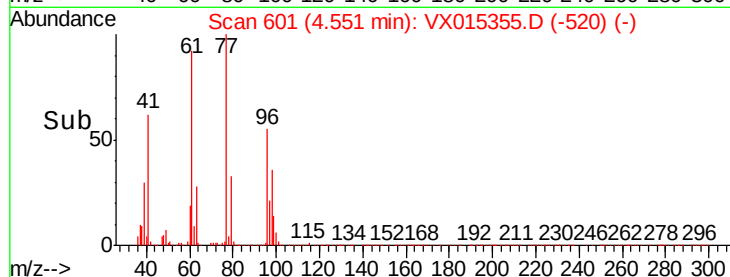
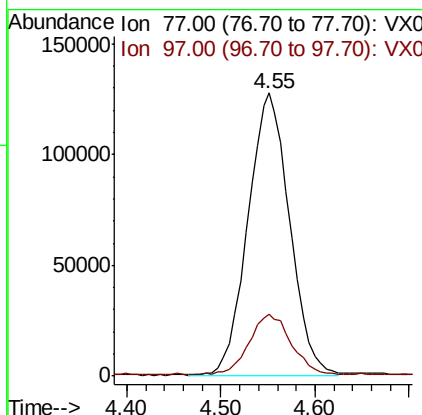
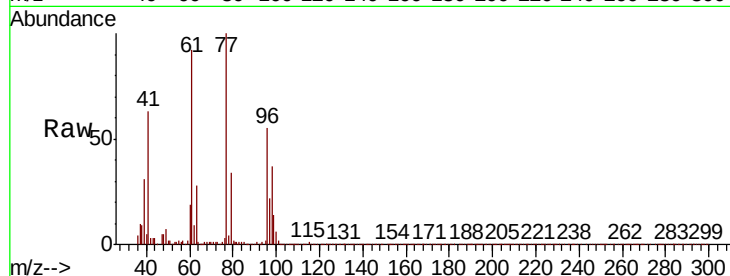




#31
 2,2-Dichloropropane
 Concen: 18.903 ug/l
 RT: 4.55 min Scan# 601
 Delta R.T. -0.01 min
 Lab File: VX015355.D
 Acq: 26 Mar 2020 12:42

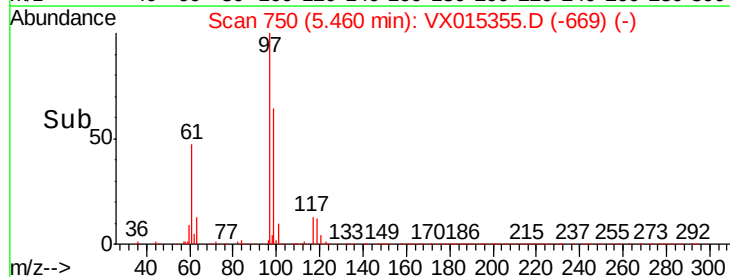
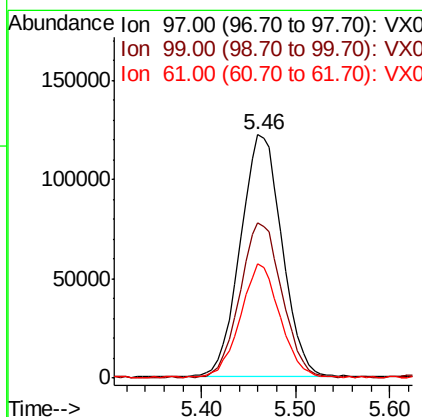
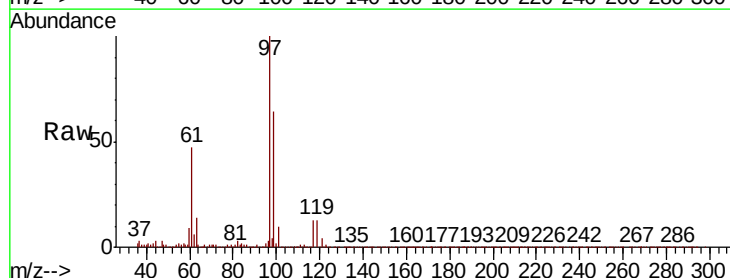
Instrument :
 MSVOA_X
 ClientSampled :

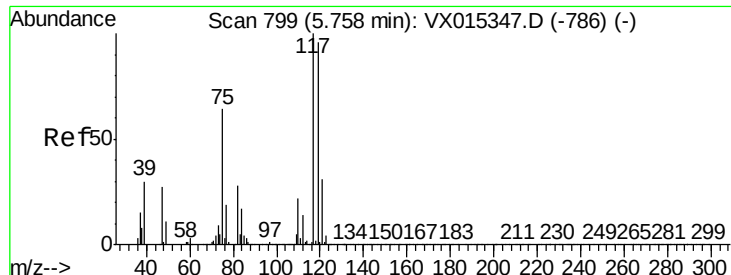
Tot Ion: 77 Resp: 393400
 Ion Ratio Lower Upper
 77 100
 97 21.5 17.8 26.8



#32
 1,1,1-Trichloroethane
 Concen: 17.920 ug/l
 RT: 5.46 min Scan# 750
 Delta R.T. -0.01 min
 Lab File: VX015355.D
 Acq: 26 Mar 2020 12:42

Tgt Ion: 97 Resp: 378113
 Ion Ratio Lower Upper
 97 100
 99 64.2 51.0 76.4
 61 44.3 35.8 53.8

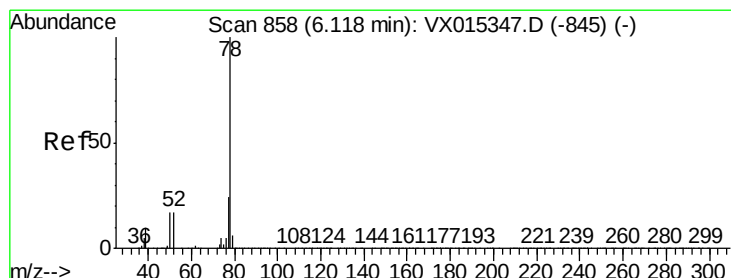
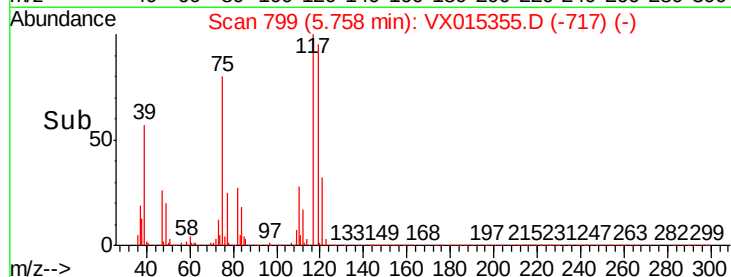
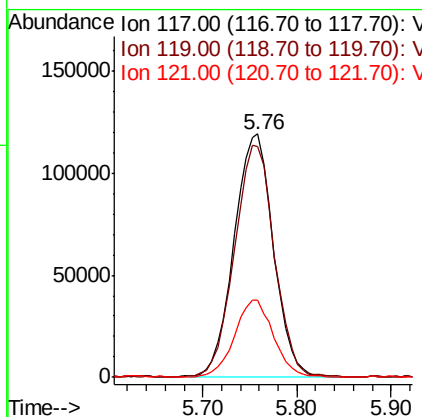
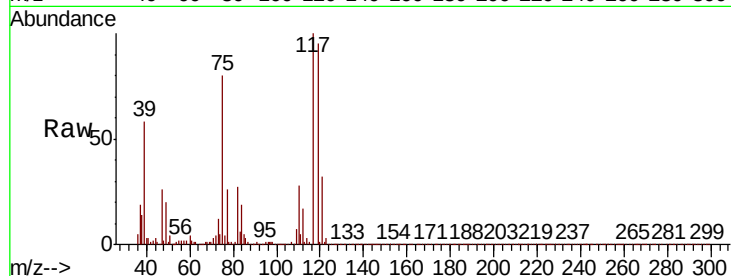




#33
Carbon Tetrachloride
Concen: 18.003 ug/l
RT: 5.76 min Scan# 799
Delta R.T. 0.00 min
Lab File: VX015355.D
Acq: 26 Mar 2020 12:42

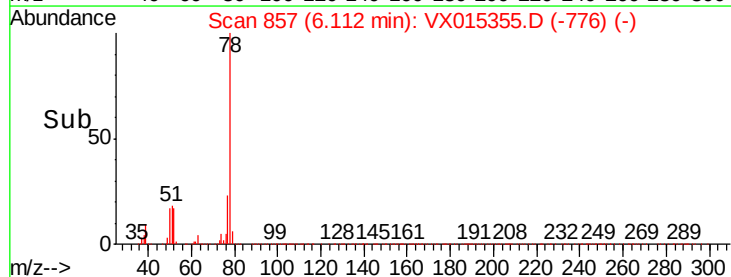
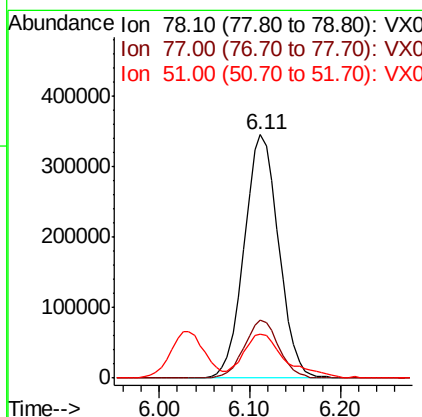
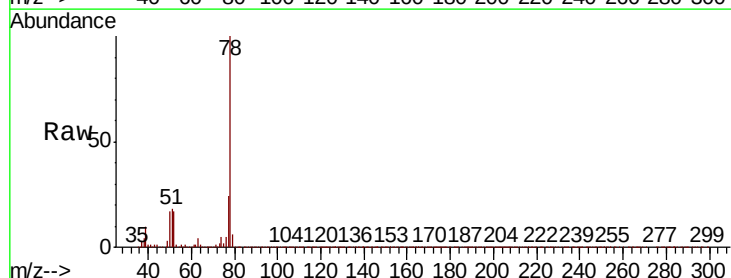
Instrument :
MSVOA_X
ClientSampleId :

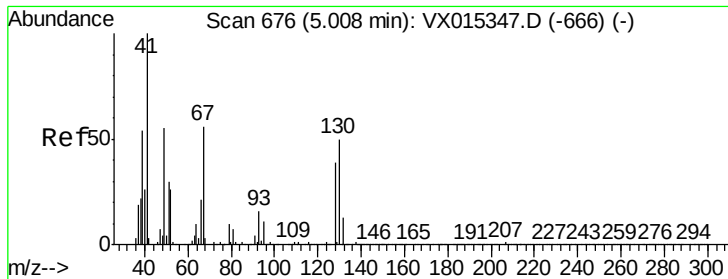
Tot Ion	Ratio	Lower	Upper
117	100		
119	94.5	76.6	114.8
121	31.7	25.0	37.4



#34
Benzene
Concen: 18.212 ug/l
RT: 6.11 min Scan# 857
Delta R.T. -0.01 min
Lab File: VX015355.D
Acq: 26 Mar 2020 12:42

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.4	29.2
51	17.6	14.6	21.8

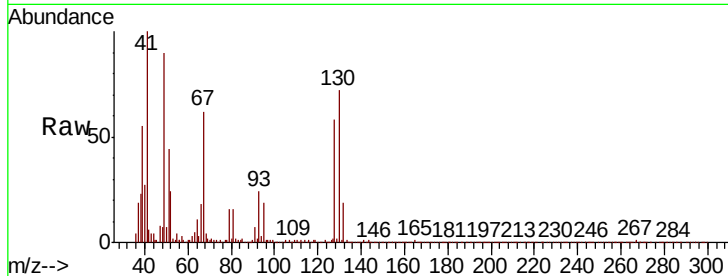




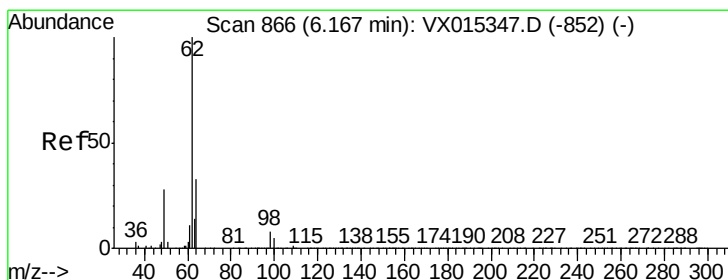
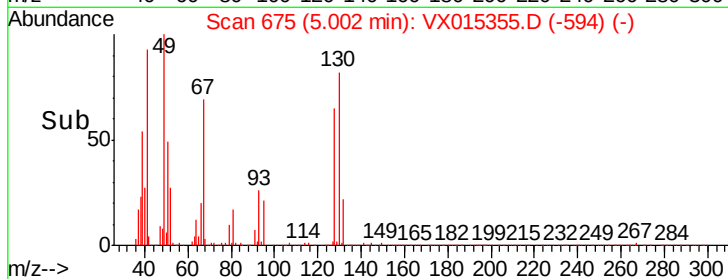
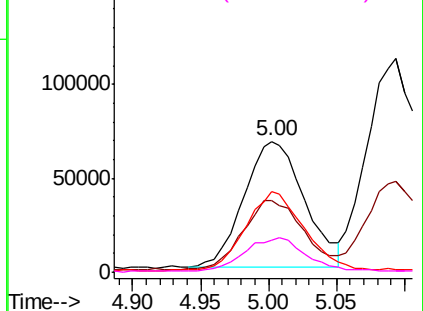
#35
Methacrylonitrile
Concen: 17.564 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX015355.D
Acq: 26 Mar 2020 12:42

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	41	Resp:	206485
Ion	Ratio	Lower	Upper
41	100		
39	55.0	27.0	81.0
67	62.4	28.2	84.6
52	24.1	12.8	38.3

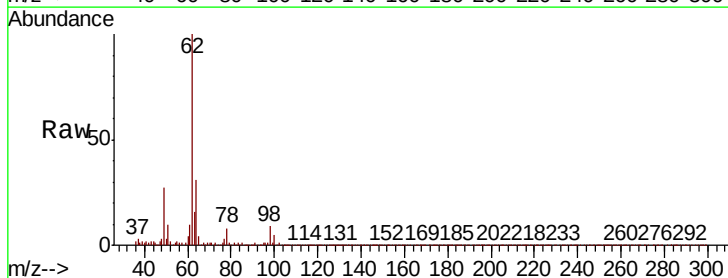


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

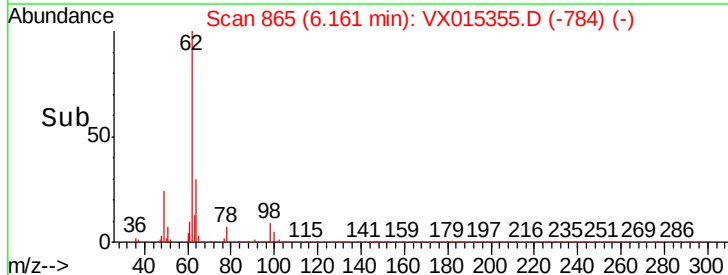
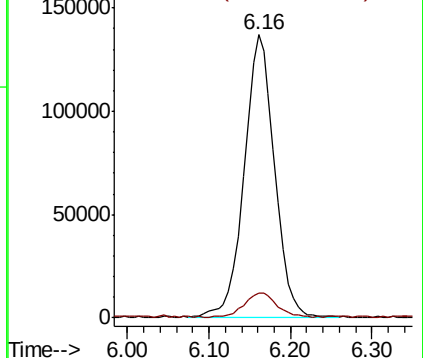


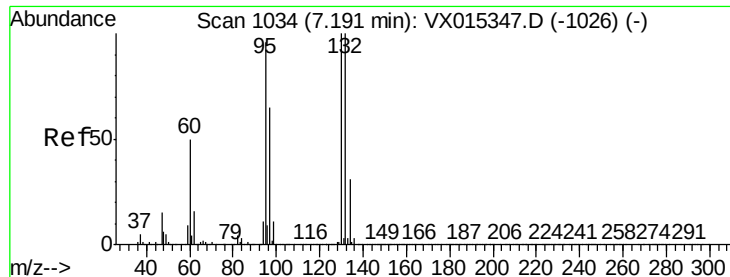
#36
1,2-Dichloroethane
Concen: 18.224 ug/l
RT: 6.16 min Scan# 865
Delta R.T. -0.01 min
Lab File: VX015355.D
Acq: 26 Mar 2020 12:42

Tgt Ion:	62	Resp:	350997
Ion	Ratio	Lower	Upper
62	100		
98	8.9	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: 18.623 ug/l

RT: 7.19 min Scan# 1034

Delta R.T. 0.00 min

Lab File: VX015355.D

Acq: 26 Mar 2020 12:42

Instrument :

MSVOA_X

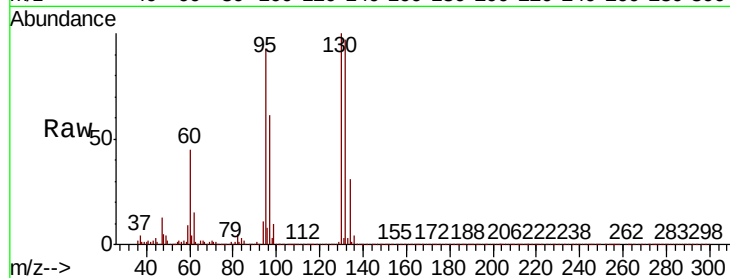
ClientSampled :

Tot Ion:130 Resp: 261369

Ion Ratio Lower Upper

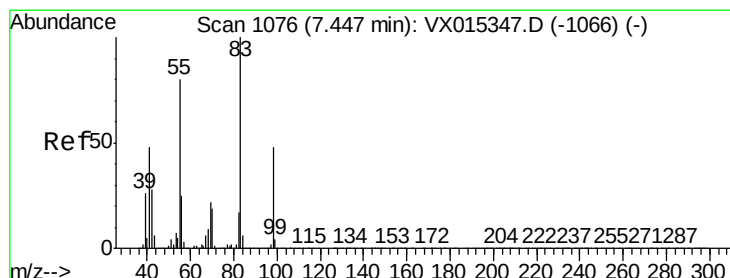
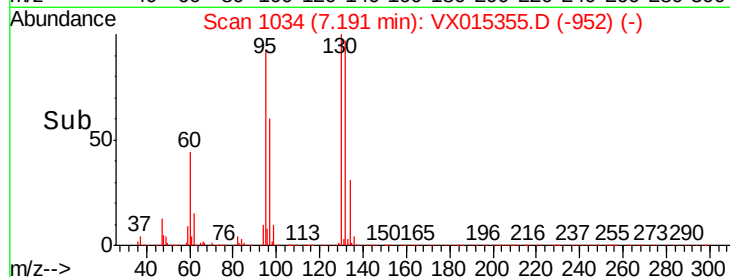
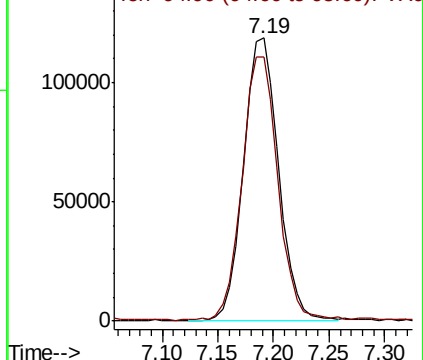
130 100

95 92.6 76.4 114.6



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0



#38

Methylcyclohexane

Concen: 18.470 ug/l

RT: 7.44 min Scan# 1075

Delta R.T. -0.01 min

Lab File: VX015355.D

Acq: 26 Mar 2020 12:42

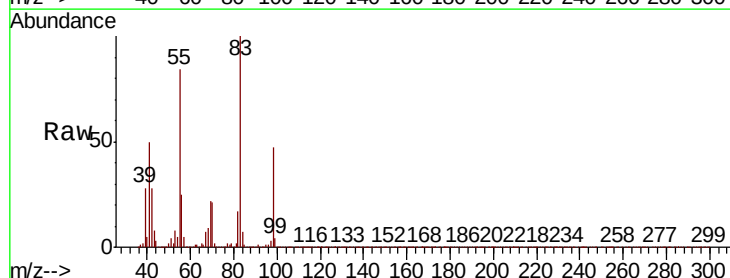
Tgt Ion: 83 Resp: 391578

Ion Ratio Lower Upper

83 100

55 82.7 41.3 124.1

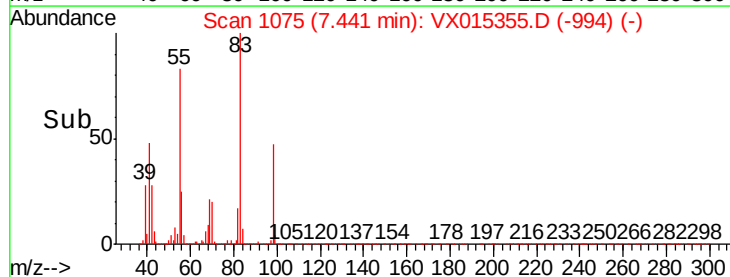
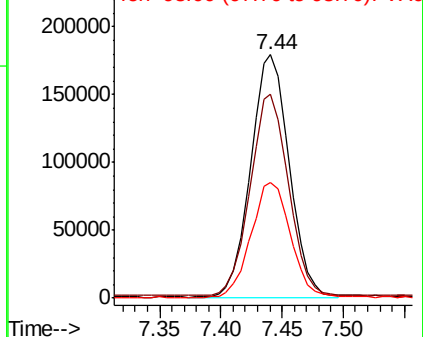
98 49.1 24.0 72.0

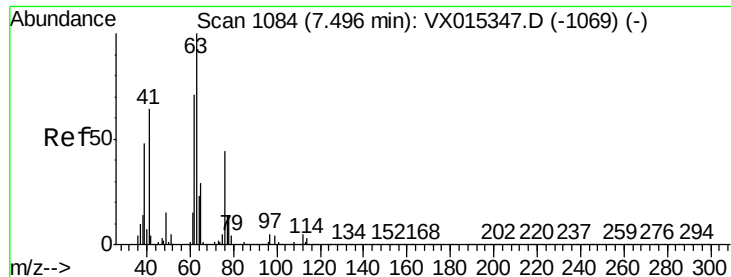


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

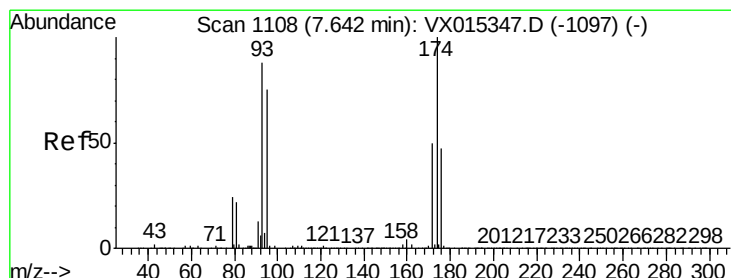
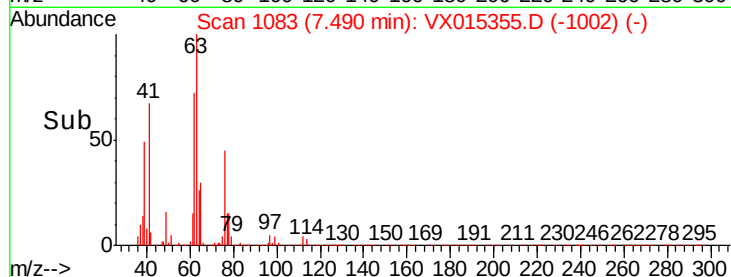
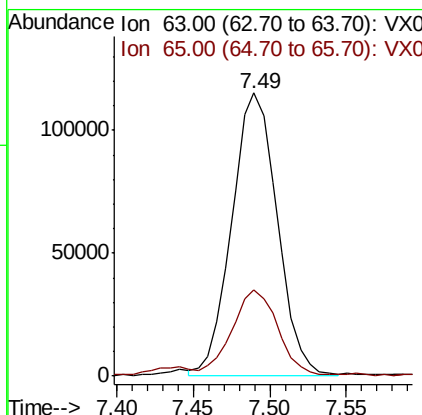
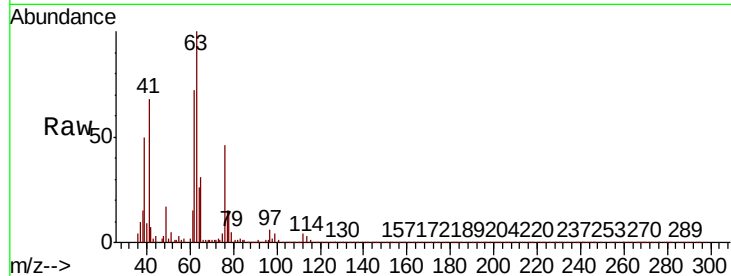




#39
 1,2-Dichloropropane
 Concen: 17.658 ug/l
 RT: 7.49 min Scan# 1083
 Delta R.T. -0.01 min
 Lab File: VX015355.D
 Acq: 26 Mar 2020 12:42

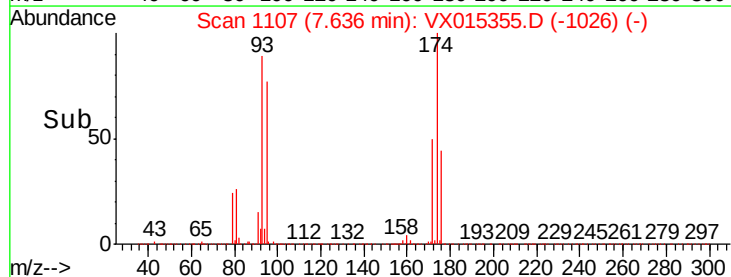
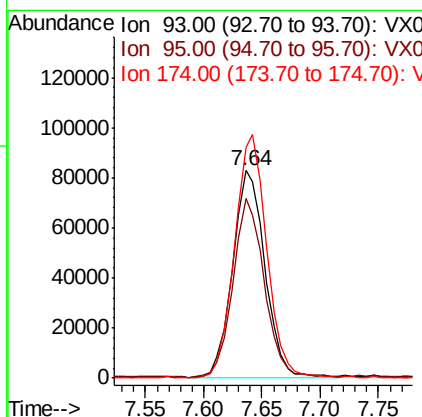
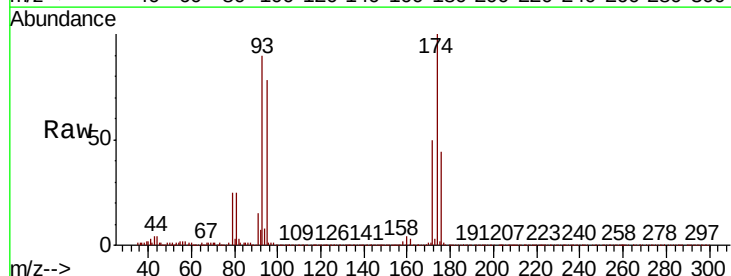
Instrument :
 MSVOA_X
 ClientSampleId :

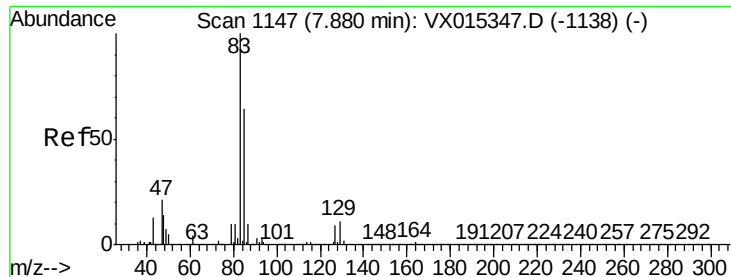
Tot Ion: 63 Resp: 236399
 Ion Ratio Lower Upper
 63 100
 65 30.3 23.0 34.4



#40
 Dibromomethane
 Concen: 17.967 ug/l
 RT: 7.64 min Scan# 1107
 Delta R.T. -0.01 min
 Lab File: VX015355.D
 Acq: 26 Mar 2020 12:42

Tgt Ion: 93 Resp: 160110
 Ion Ratio Lower Upper
 93 100
 95 83.1 0.0 166.4
 174 116.2 0.0 225.4





#41

Bromodichloromethane

Concen: 17.773 ug/l

RT: 7.87 min Scan# 1146

Delta R.T. -0.01 min

Lab File: VX015355.D

Acq: 26 Mar 2020 12:42

Instrument :

MSVOA_X

ClientSampleId :

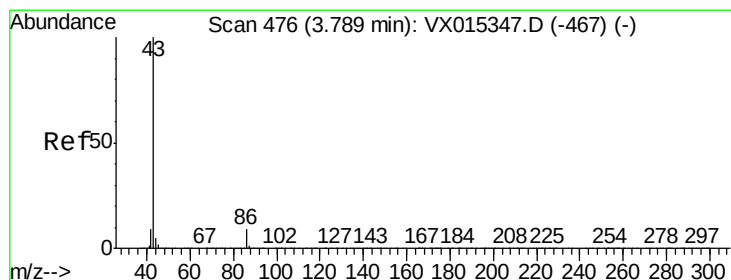
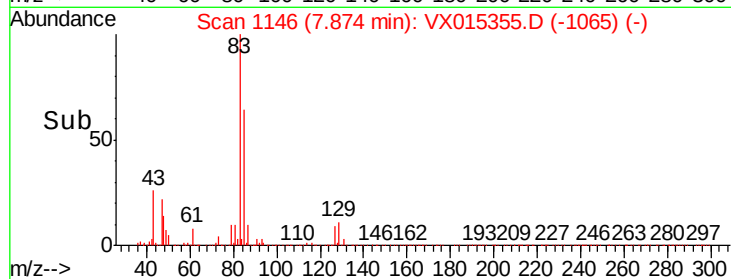
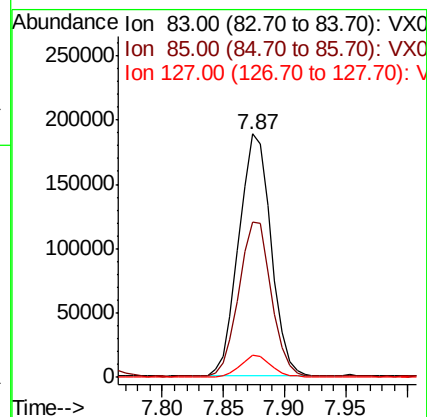
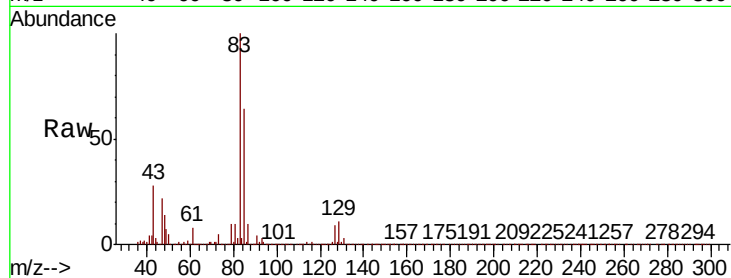
Tot Ion: 83 Resp: 344190

Ion Ratio Lower Upper

83 100

85 63.4 51.6 77.4

127 8.9 7.0 10.4



#42

Vinyl Acetate

Concen: 92.273 ug/l

RT: 3.78 min Scan# 475

Delta R.T. -0.01 min

Lab File: VX015355.D

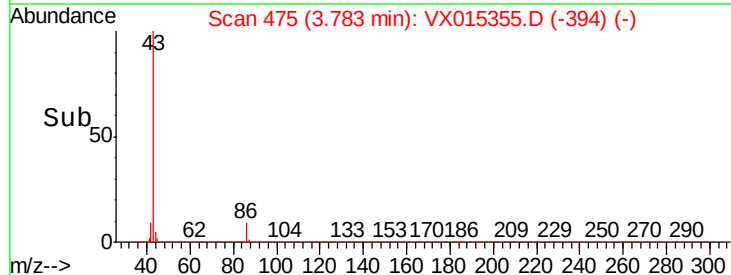
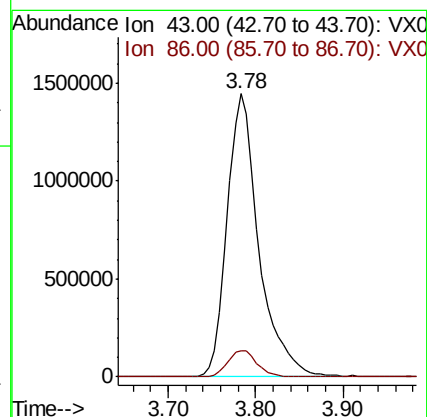
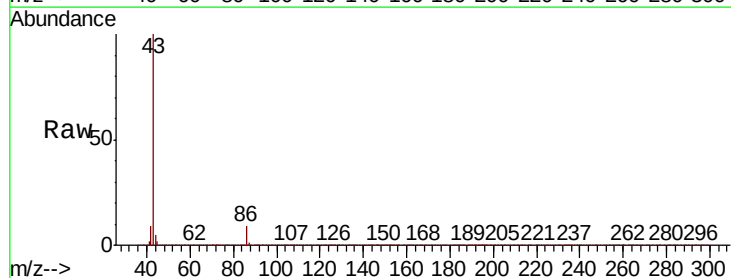
Acq: 26 Mar 2020 12:42

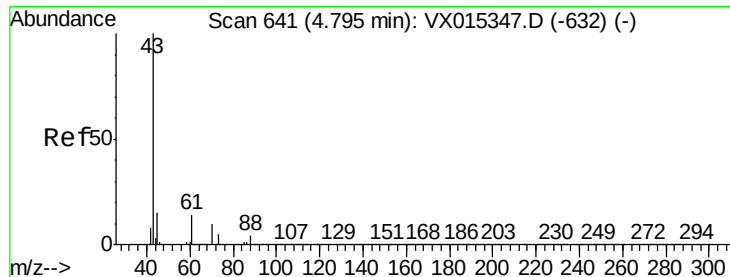
Tgt Ion: 43 Resp: 3624598

Ion Ratio Lower Upper

43 100

86 8.6 6.9 10.3

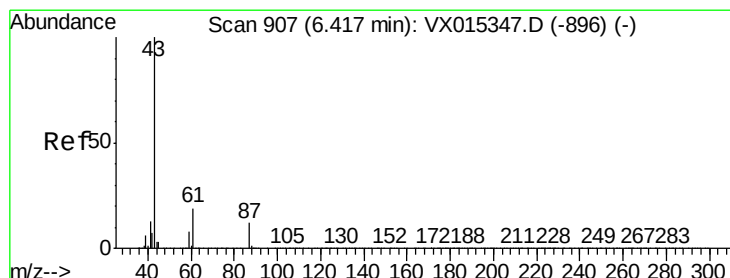
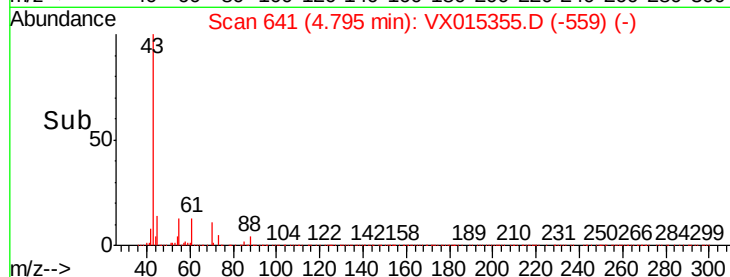
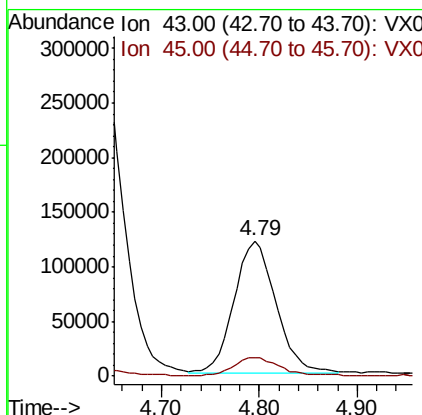
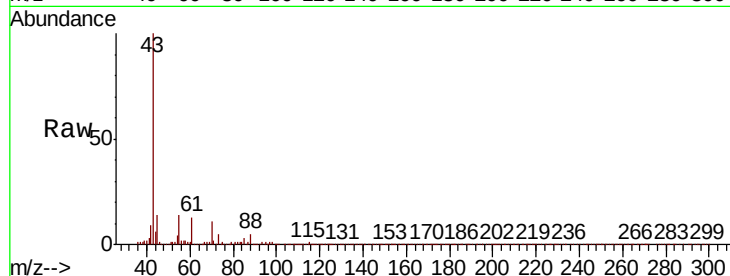




#43
Ethyl Acetate
Concen: 15.880 ug/l
RT: 4.79 min Scan# 641
Delta R.T. 0.00 min
Lab File: VX015355.D
Acq: 26 Mar 2020 12:42

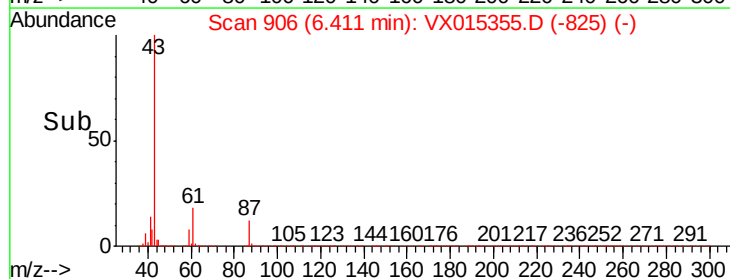
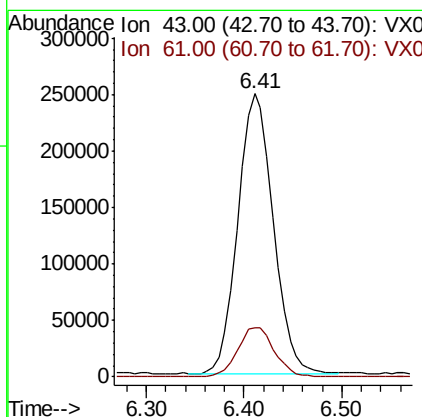
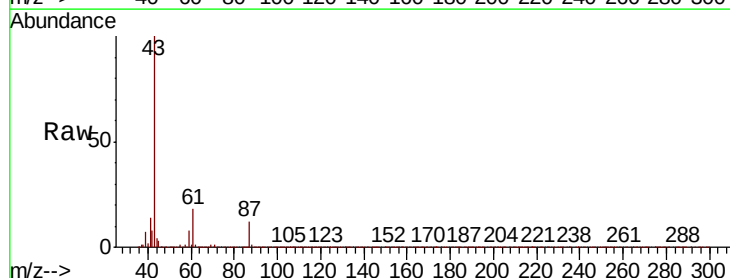
Instrument :
MSVOA_X
ClientSampleId :

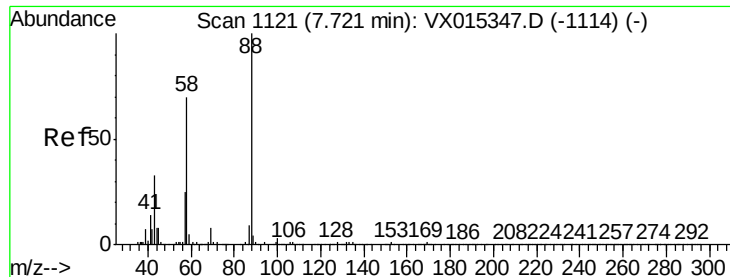
Tot Ion: 43 Resp: 358099
Ion Ratio Lower Upper
43 100
45 14.1 12.2 18.4



#44
Isopropyl Acetate
Concen: 17.232 ug/l
RT: 6.41 min Scan# 906
Delta R.T. -0.01 min
Lab File: VX015355.D
Acq: 26 Mar 2020 12:42

Tgt Ion: 43 Resp: 625395
Ion Ratio Lower Upper
43 100
61 17.9 14.6 22.0





#45

1,4-Dioxane

Concen: 368.776 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. 0.01 min

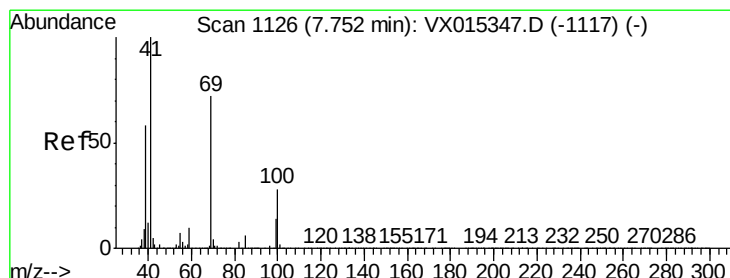
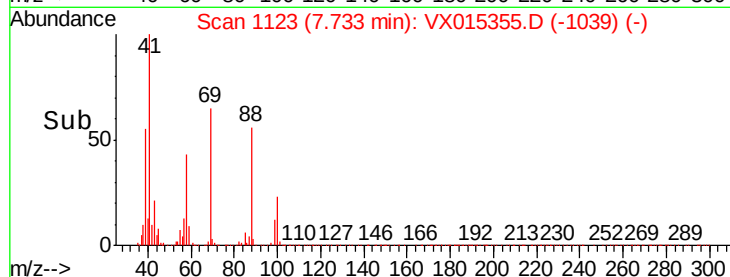
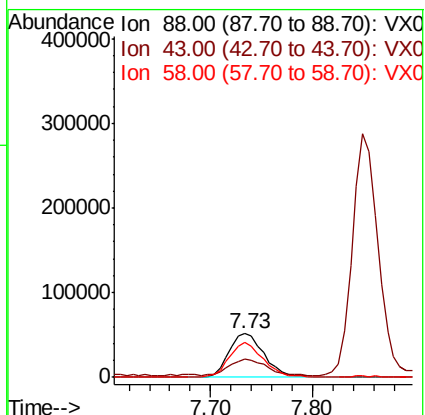
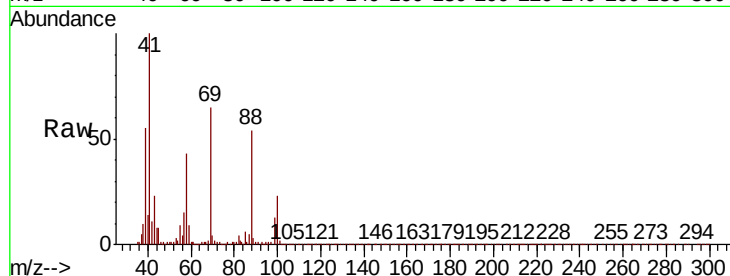
Lab File: VX015355.D

Acq: 26 Mar 2020 12:42

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 88 Resp: 123294

Ion	Ratio	Lower	Upper
88	100		
43	36.8	32.1	48.1
58	75.1	59.4	89.0



#46

Methyl methacrylate

Concen: 17.040 ug/l

RT: 7.75 min Scan# 1125

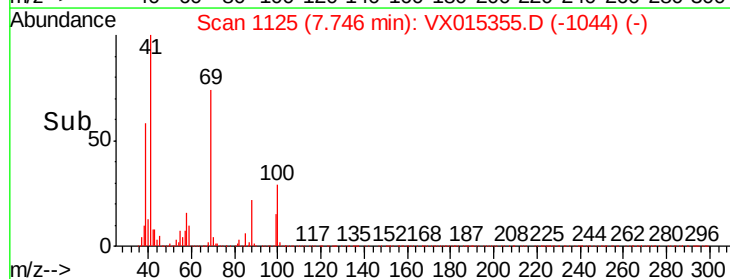
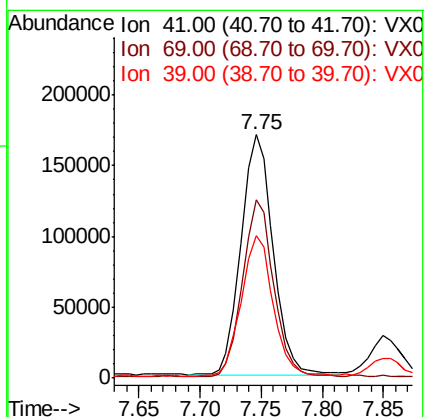
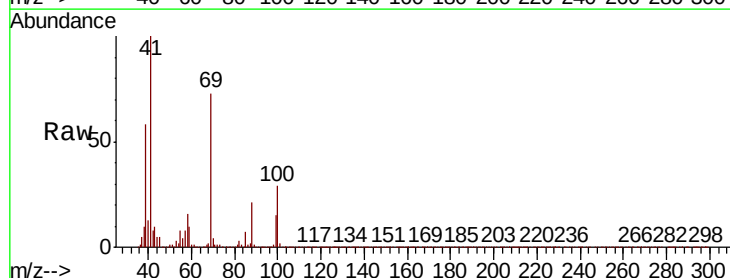
Delta R.T. -0.01 min

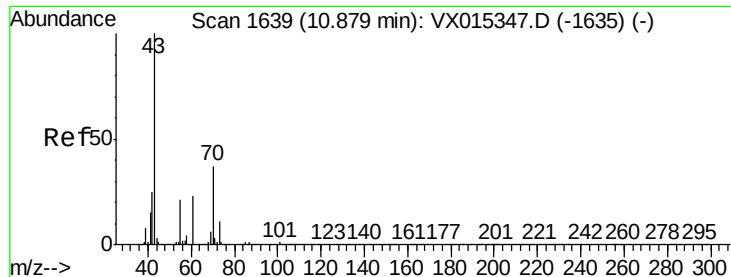
Lab File: VX015355.D

Acq: 26 Mar 2020 12:42

Tgt Ion: 41 Resp: 308605

Ion	Ratio	Lower	Upper
41	100		
69	73.4	35.8	107.4
39	58.4	28.9	86.8

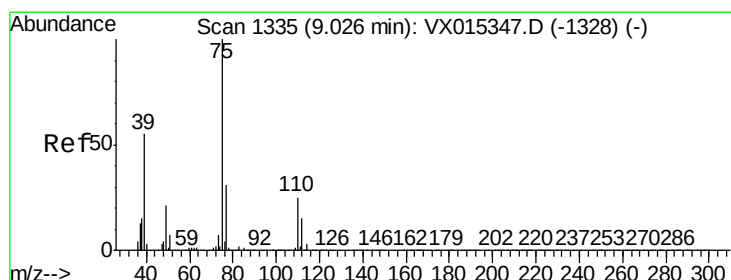
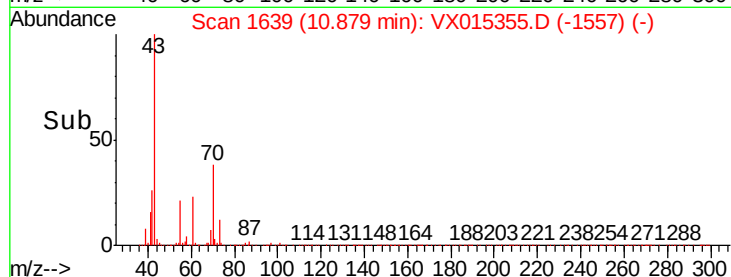
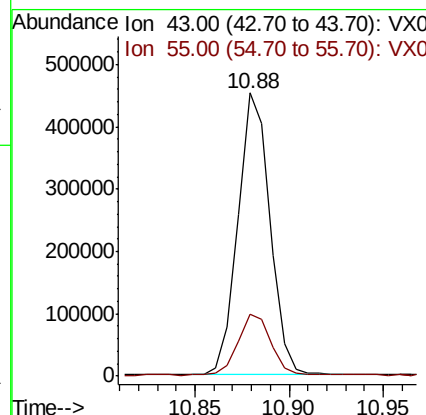
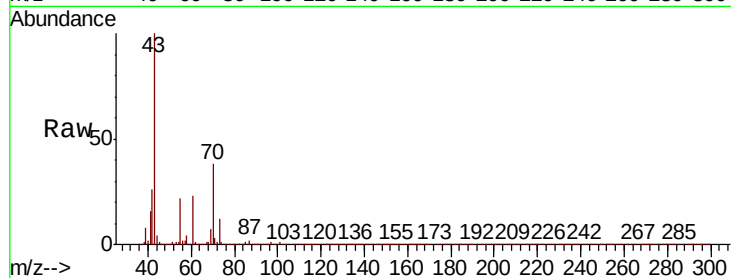




#47
n-amvl Acetate
Concen: 17.075 ug/l
RT: 10.88 min Scan# 1639
Delta R.T. 0.00 min
Lab File: VX015355.D
Acq: 26 Mar 2020 12:42

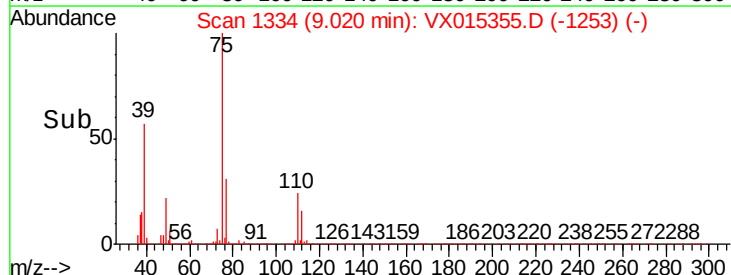
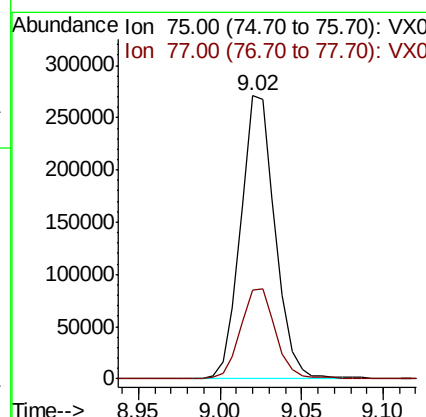
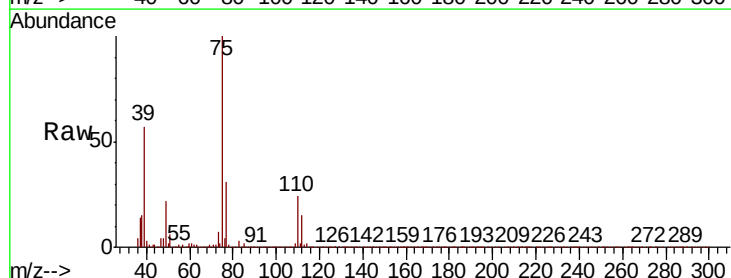
Instrument :
MSVOA_X
ClientSampled :

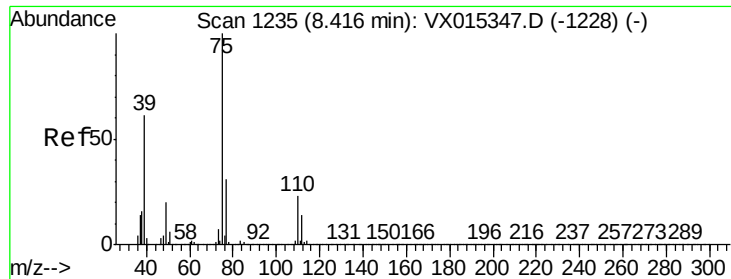
Tot Ion: 43 Resp: 534308
Ion Ratio Lower Upper
43 100
55 21.5 17.0 25.6



#48
t-1,3-Dichloropropene
Concen: 17.711 ug/l
RT: 9.02 min Scan# 1334
Delta R.T. -0.01 min
Lab File: VX015355.D
Acq: 26 Mar 2020 12:42

Tgt Ion: 75 Resp: 395962
Ion Ratio Lower Upper
75 100
77 31.1 24.6 37.0



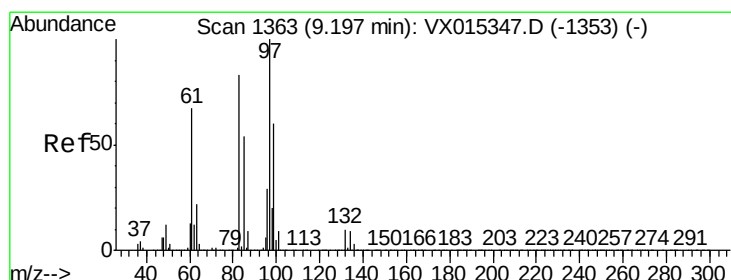
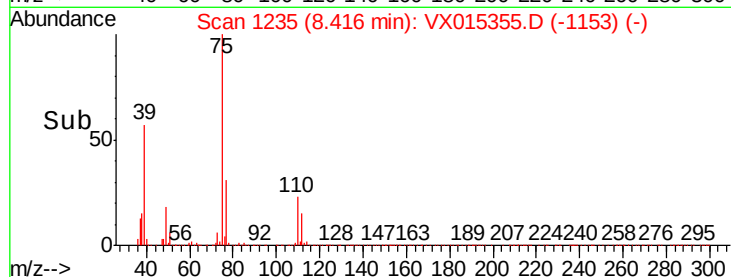
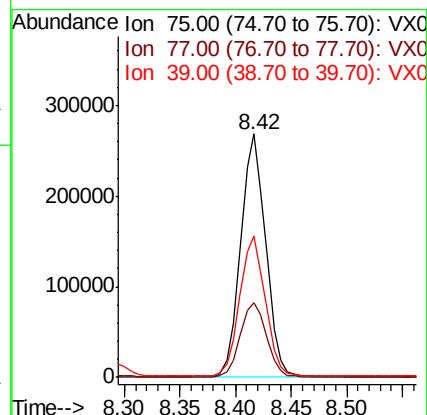
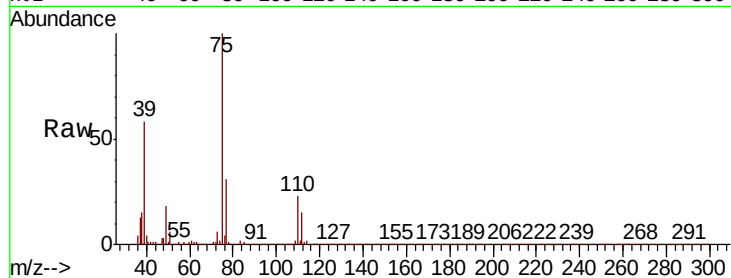


#49

cis-1,3-Dichloropropene
Concen: 18.088 ug/l
RT: 8.42 min Scan# 1235
Delta R.T. 0.00 min
Lab File: VX015355.D
Acq: 26 Mar 2020 12:42

Instrument :
MSVOA_X
ClientSampleId :

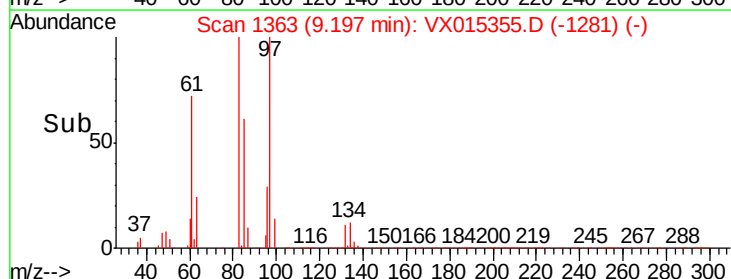
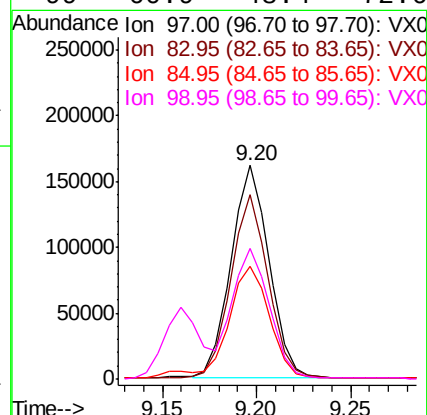
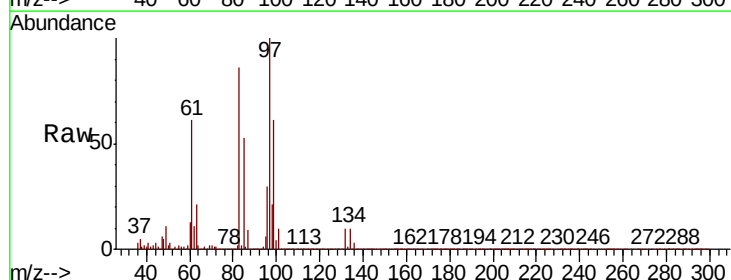
Tot Ion	Ratio	Lower	Upper
75	100		
77	30.6	24.6	36.8
39	57.6	48.9	73.3

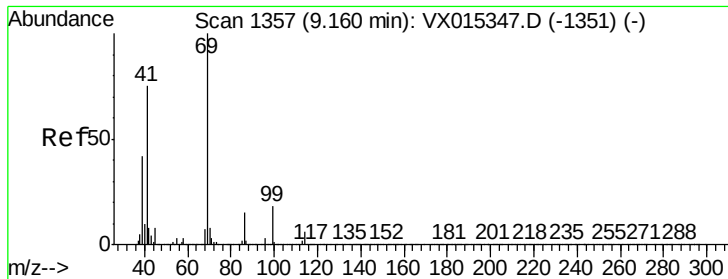


#50

1,1,2-Trichloroethane
Concen: 17.795 ug/l
RT: 9.20 min Scan# 1363
Delta R.T. 0.00 min
Lab File: VX015355.D
Acq: 26 Mar 2020 12:42

Tgt Ion	Ratio	Lower	Upper
97	100		
83	85.8	66.8	100.2
85	52.4	43.3	64.9
99	60.9	48.4	72.6





#51

Ethyl methacrylate

Concen: 17.123 ug/l

RT: 9.16 min Scan# 1357

Delta R.T. 0.00 min

Lab File: VX015355.D

Acq: 26 Mar 2020 12:42

Instrument :

MSVOA_X

ClientSampleId :

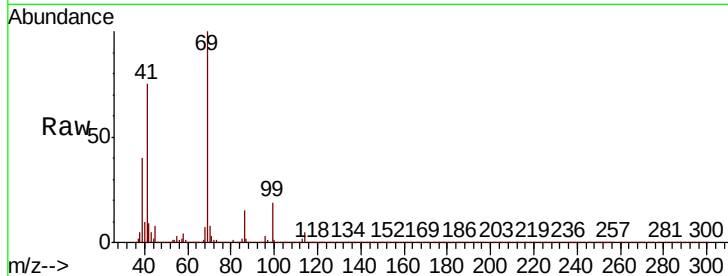
Tot Ion: 69 Resp: 376600

Ion Ratio Lower Upper

69 100

41 74.7 37.4 112.2

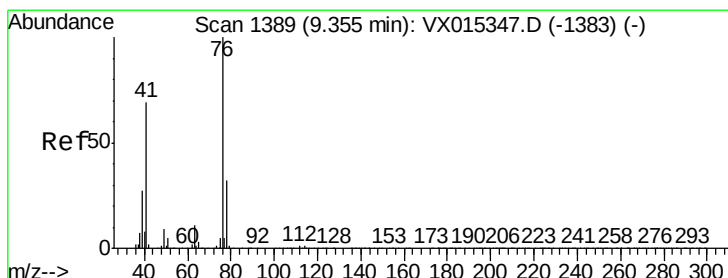
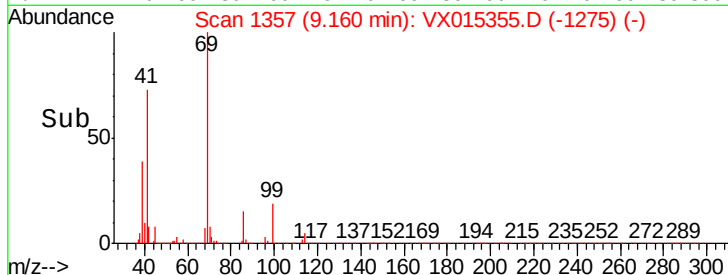
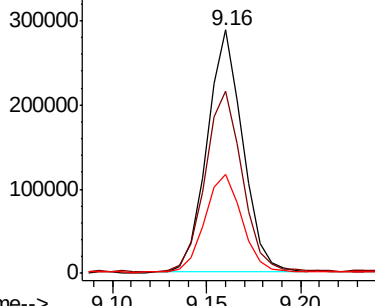
39 40.1 21.1 63.1



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: 17.841 ug/l

RT: 9.36 min Scan# 1389

Delta R.T. 0.00 min

Lab File: VX015355.D

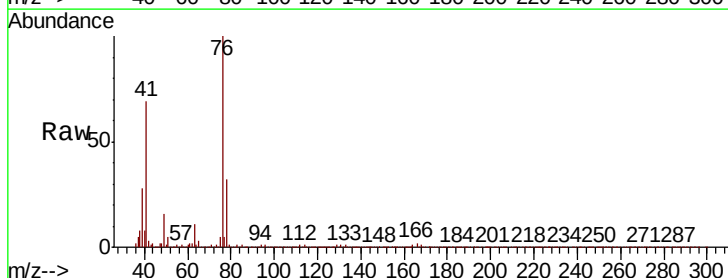
Acq: 26 Mar 2020 12:42

Tgt Ion: 76 Resp: 394082

Ion Ratio Lower Upper

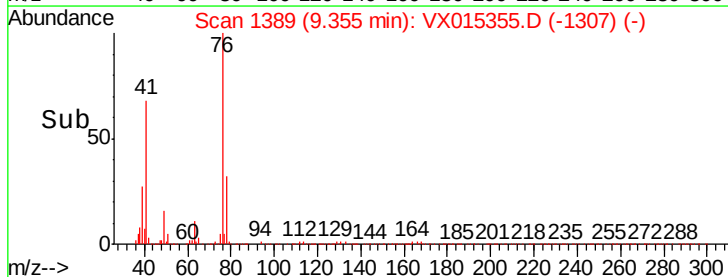
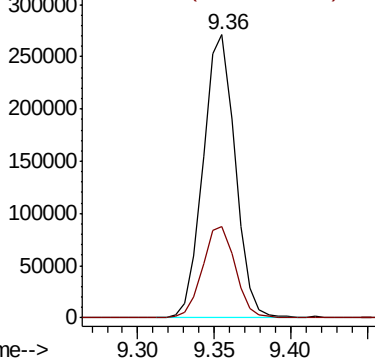
76 100

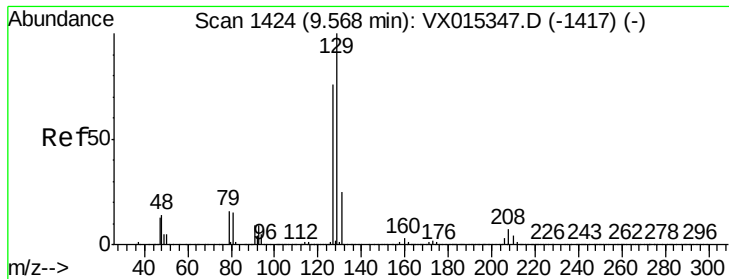
78 32.6 0.0 63.2



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0

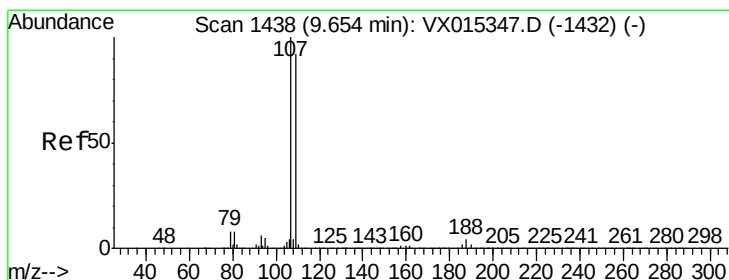
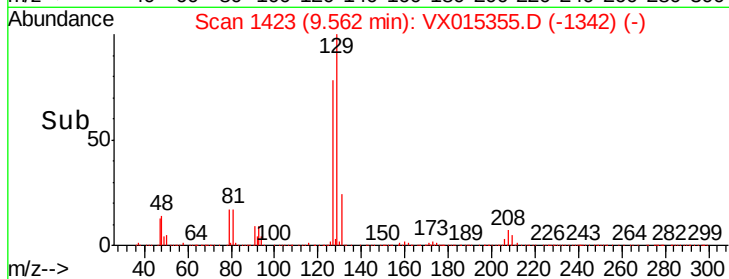
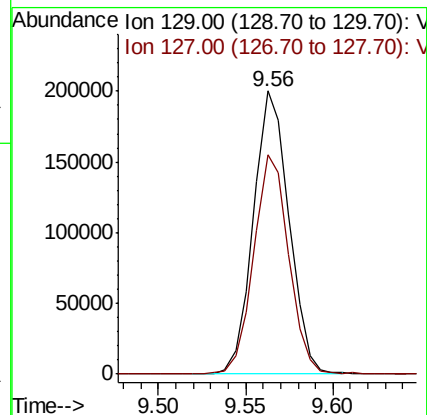
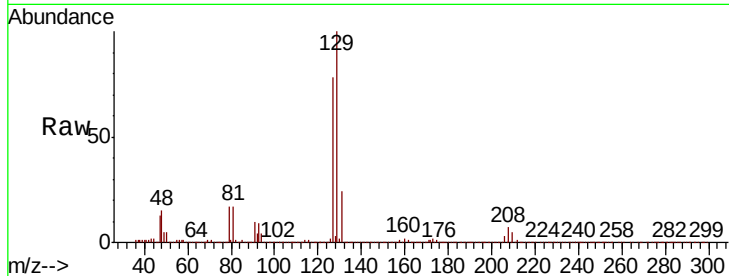




#53
Dibromochloromethane
Concen: 17.902 ug/l
RT: 9.56 min Scan# 1423
Delta R.T. -0.01 min
Lab File: VX015355.D
Acq: 26 Mar 2020 12:42

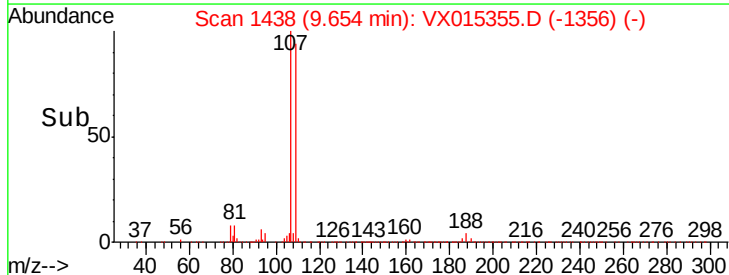
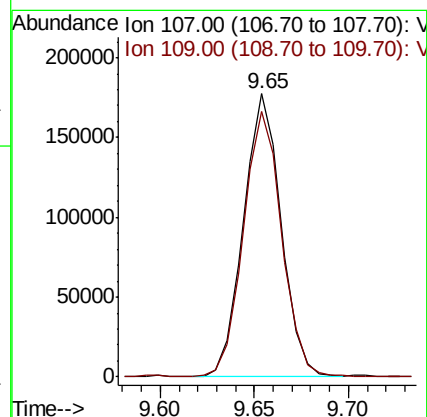
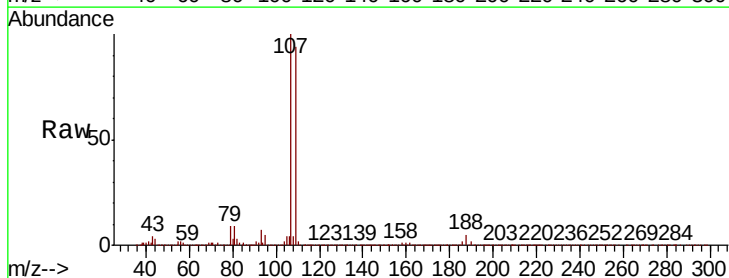
Instrument :
MSVOA_X
ClientSampleId :

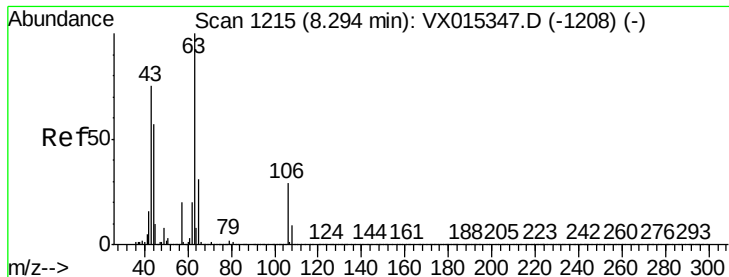
Tot Ion:129 Resp: 282208
Ion Ratio Lower Upper
129 100
127 76.8 38.6 115.7



#54
1,2-Dibromoethane
Concen: 17.831 ug/l
RT: 9.65 min Scan# 1438
Delta R.T. 0.00 min
Lab File: VX015355.D
Acq: 26 Mar 2020 12:42

Tgt Ion:107 Resp: 244671
Ion Ratio Lower Upper
107 100
109 95.0 75.0 112.6





#55

2-Chloroethyl vinyl ether

Concen: 94.631 ug/l

RT: 8.29 min Scan# 1214

Delta R.T. -0.01 min

Lab File: VX015355.D

Acq: 26 Mar 2020 12:42

Instrument :

MSVOA_X

ClientSampleId :

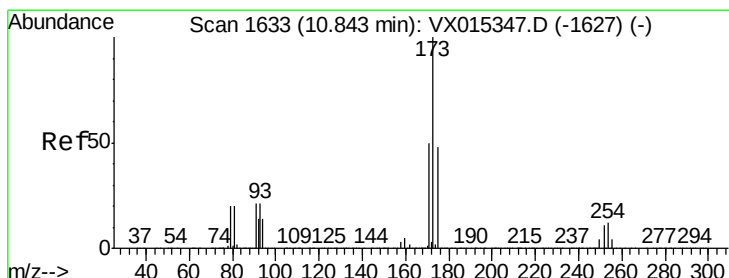
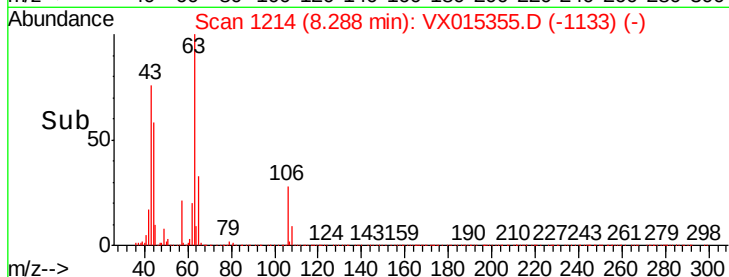
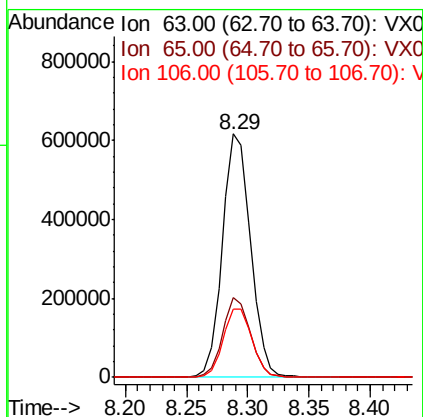
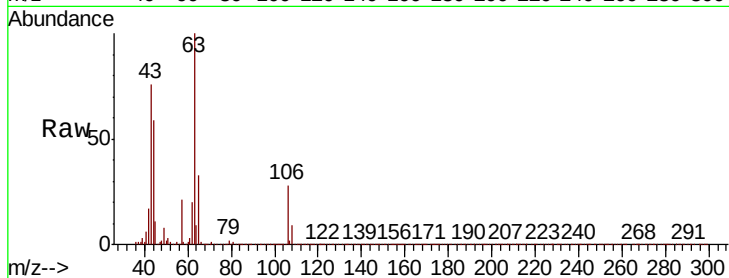
Tot Ion: 63 Resp: 983016

Ion Ratio Lower Upper

63 100

65 32.3 25.5 38.3

106 28.9 23.1 34.7



#56

Bromoform

Concen: 17.708 ug/l

RT: 10.84 min Scan# 1633

Delta R.T. 0.00 min

Lab File: VX015355.D

Acq: 26 Mar 2020 12:42

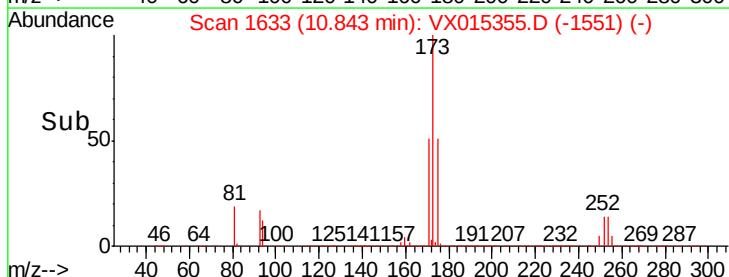
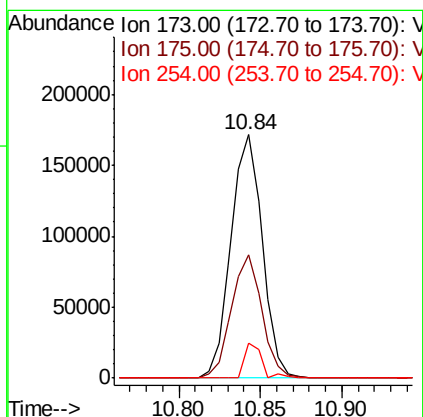
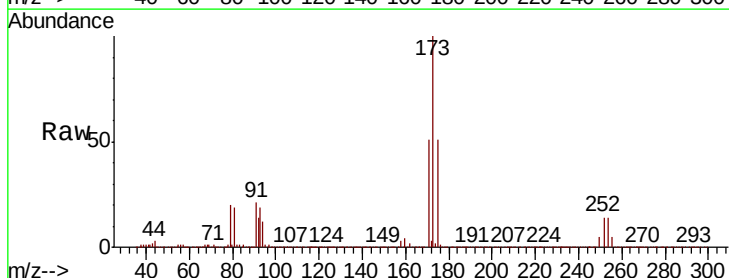
Tgt Ion: 173 Resp: 229533

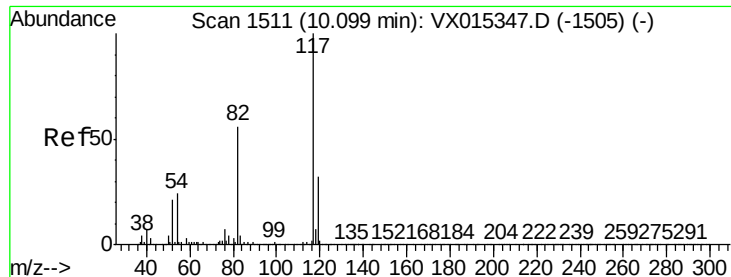
Ion Ratio Lower Upper

173 100

175 49.3 39.0 58.4

254 7.1 9.4 14.2#

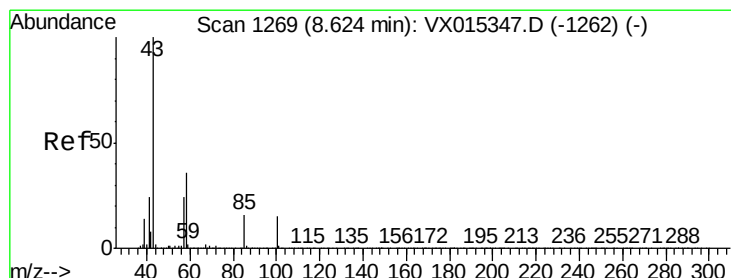
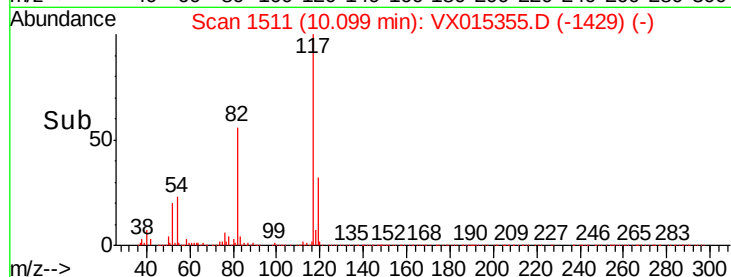
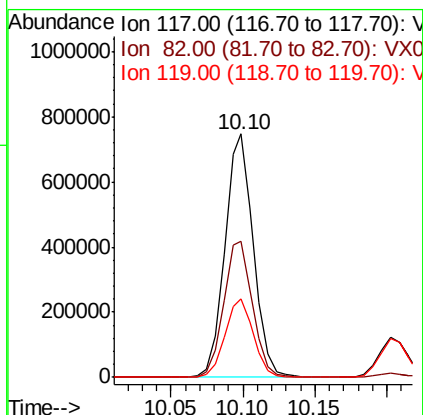
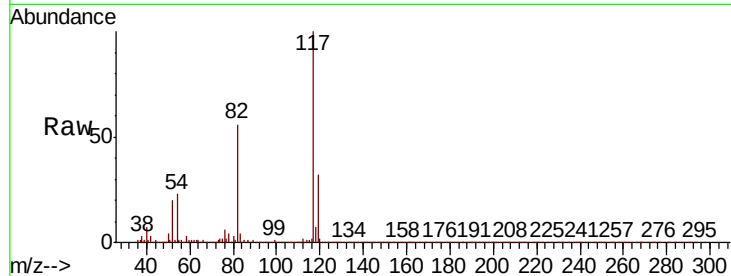




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. 0.00 min
Lab File: VX015355.D
Acq: 26 Mar 2020 12:42

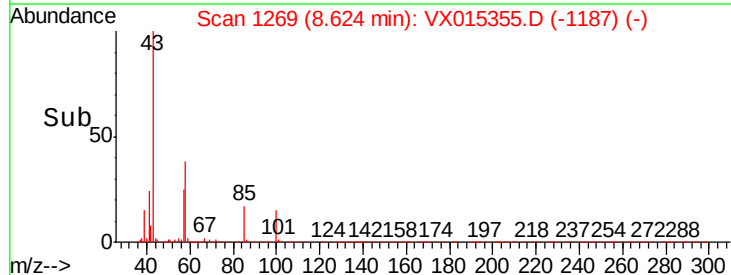
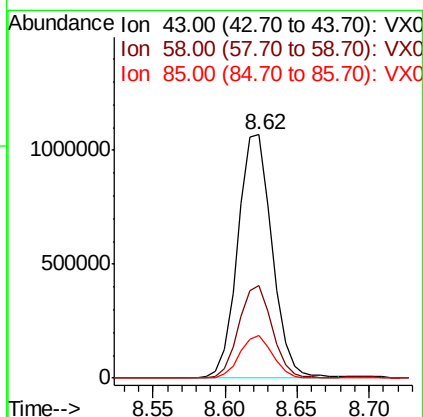
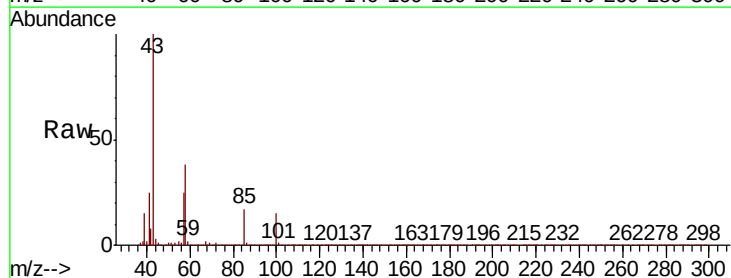
Instrument :
MSVOA_X
ClientSampled :

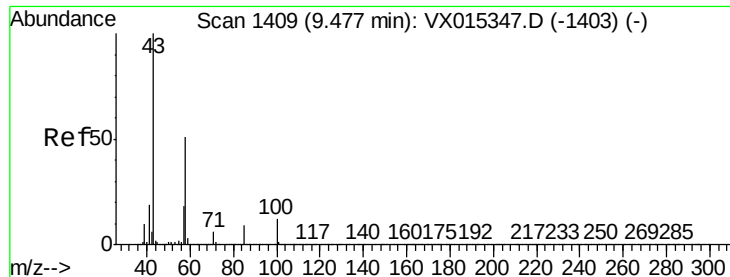
Tot Ion:117 Resp: 1032334
Ion Ratio Lower Upper
117 100
82 56.5 45.0 67.6
119 32.1 25.5 38.3



#58
4-Methyl-2-Pentanone
Concen: 89.022 ug/l
RT: 8.62 min Scan# 1269
Delta R.T. 0.00 min
Lab File: VX015355.D
Acq: 26 Mar 2020 12:42

Tgt Ion: 43 Resp: 1758860
Ion Ratio Lower Upper
43 100
58 37.0 29.4 44.0
85 16.7 13.0 19.4

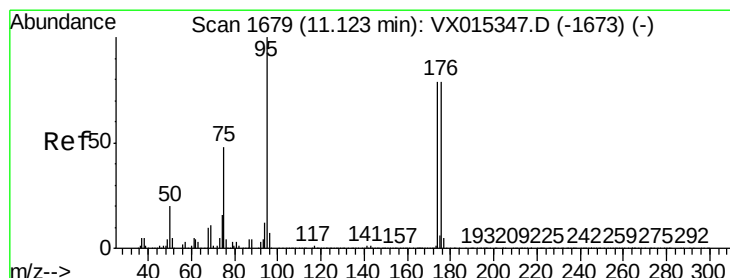
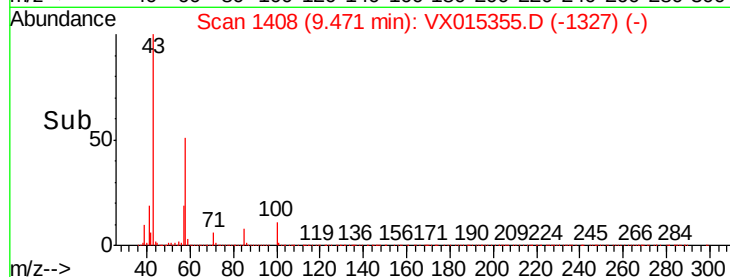
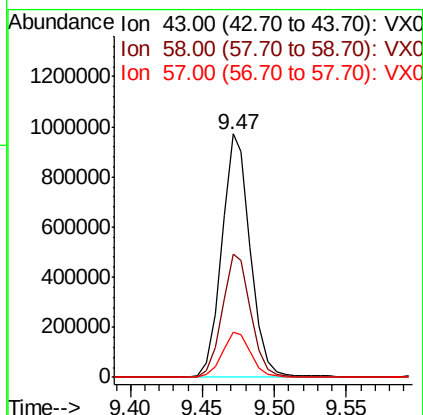
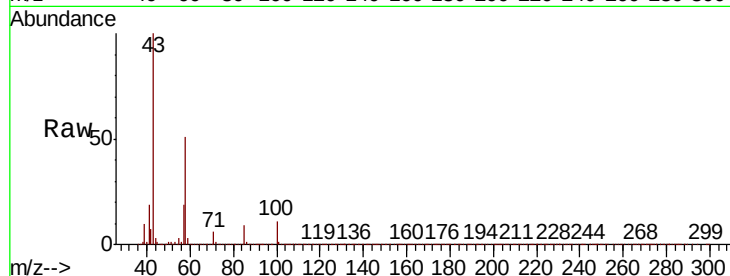




#59
2-Hexanone
Concen: 88.865 ug/l
RT: 9.47 min Scan# 1408
Delta R.T. -0.01 min
Lab File: VX015355.D
Acq: 26 Mar 2020 12:42

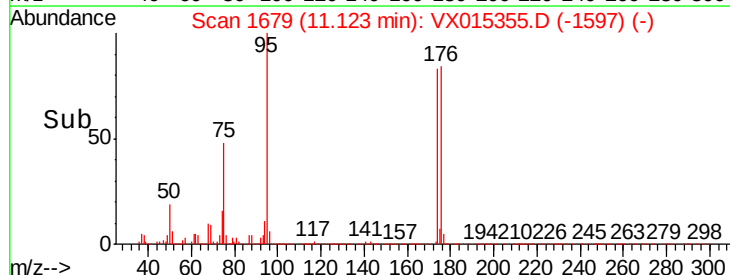
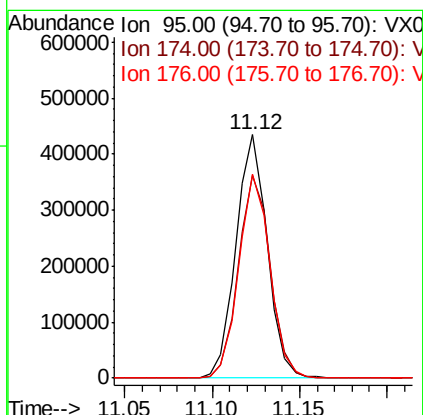
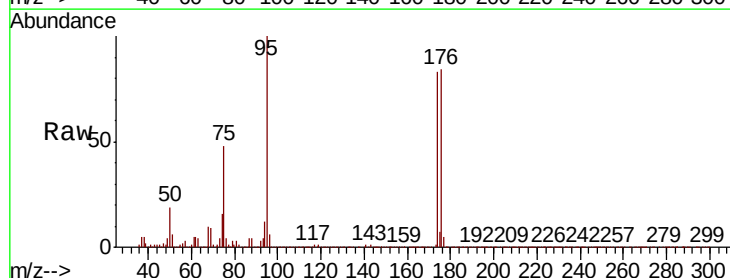
Instrument :
MSVOA_X
ClientSampleId :

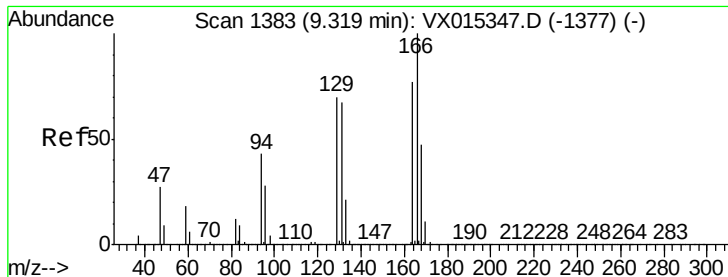
Tot Ion: 43 Resp: 1335715
Ion Ratio Lower Upper
43 100
58 51.0 40.2 60.4
57 18.4 14.6 22.0



#60
4-Bromofluorobenzene
Concen: 30.489 ug/l
RT: 11.12 min Scan# 1679
Delta R.T. 0.00 min
Lab File: VX015355.D
Acq: 26 Mar 2020 12:42

Tgt Ion: 95 Resp: 538655
Ion Ratio Lower Upper
95 100
174 85.2 66.4 99.6
176 83.6 64.1 96.1





#61

Tetrachloroethene

Concen: 19.453 ug/l

RT: 9.32 min Scan# 1383

Delta R.T. 0.00 min

Lab File: VX015355.D

Acq: 26 Mar 2020 12:42

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:164 Resp: 258124

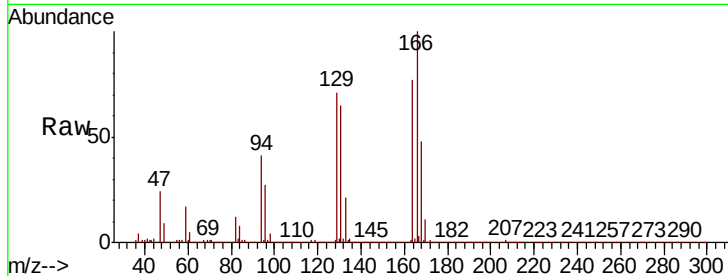
Ion Ratio Lower Upper

164 100

166 129.0 103.6 155.4

129 91.6 72.6 108.8

131 84.1 69.8 104.6

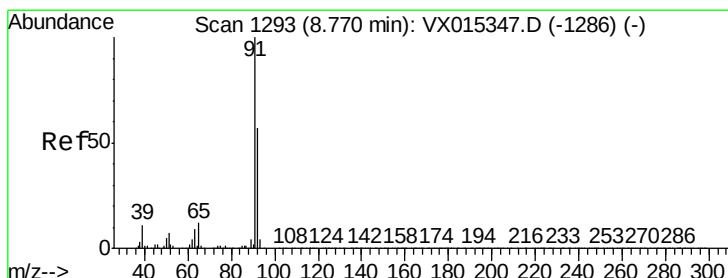
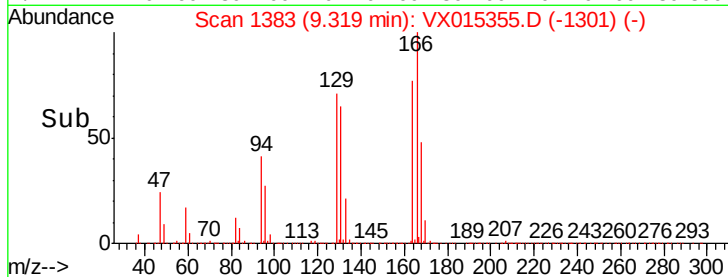
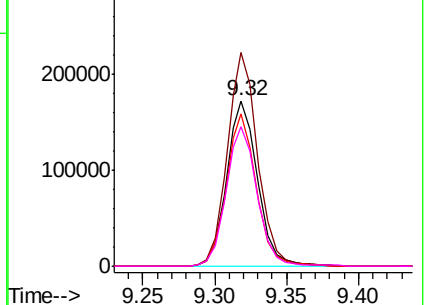


Abundance Ion 163.85 (163.55 to 164.55): V

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: 18.541 ug/l

RT: 8.76 min Scan# 1292

Delta R.T. -0.01 min

Lab File: VX015355.D

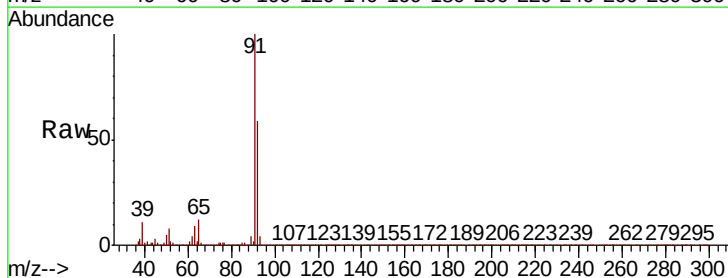
Acq: 26 Mar 2020 12:42

Tgt Ion: 91 Resp: 969465

Ion Ratio Lower Upper

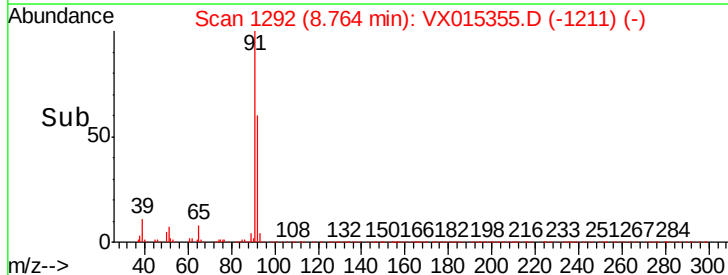
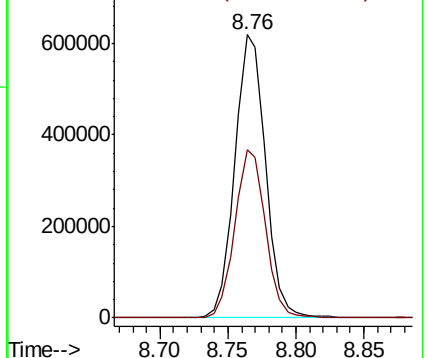
91 100

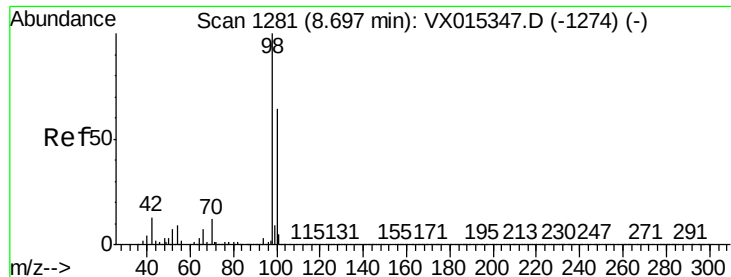
92 59.2 46.7 70.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 30.448 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. 0.00 min

Lab File: VX015355.D

Acq: 26 Mar 2020 12:42

Instrument :

MSVOA_X

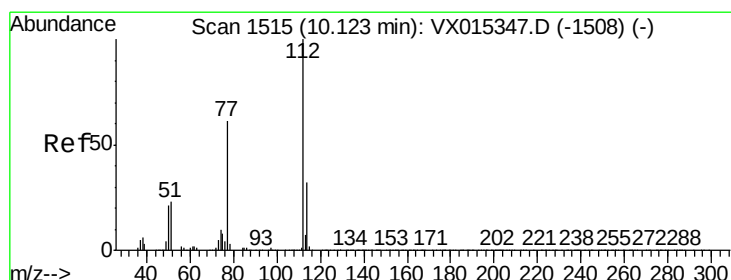
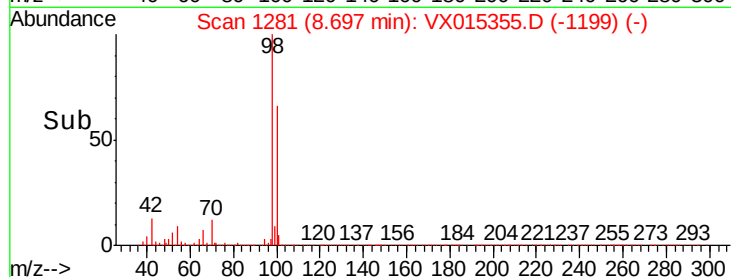
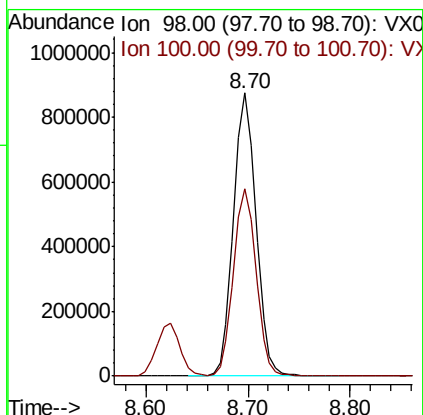
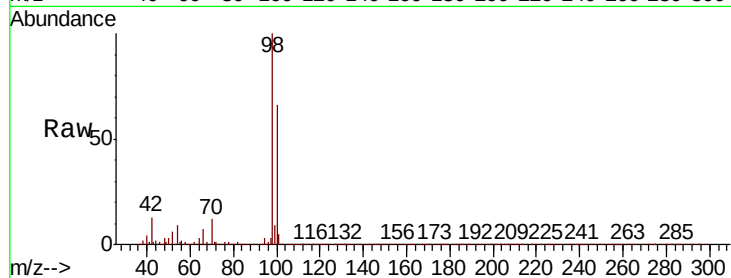
ClientSampleId :

Tot Ion: 98 Resp: 1335456

Ion Ratio Lower Upper

98 100

100 66.4 52.2 78.2



#64

Chlorobenzene

Concen: 18.298 ug/l

RT: 10.12 min Scan# 1515

Delta R.T. 0.00 min

Lab File: VX015355.D

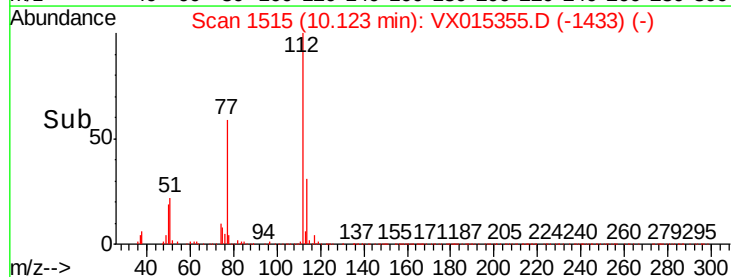
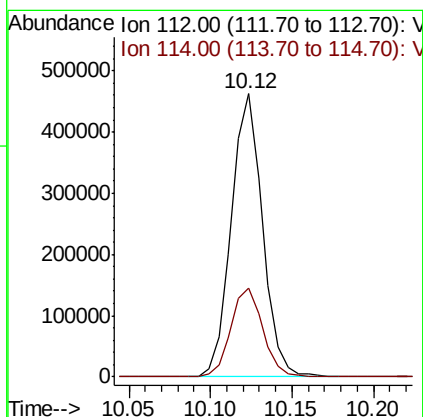
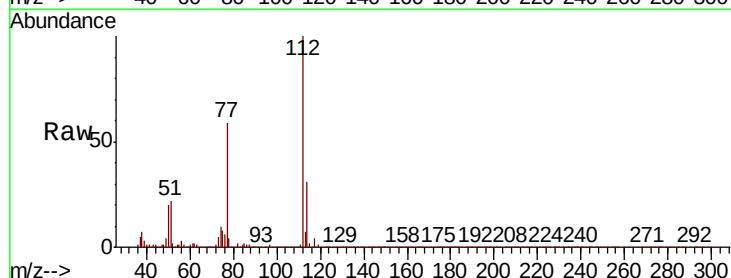
Acq: 26 Mar 2020 12:42

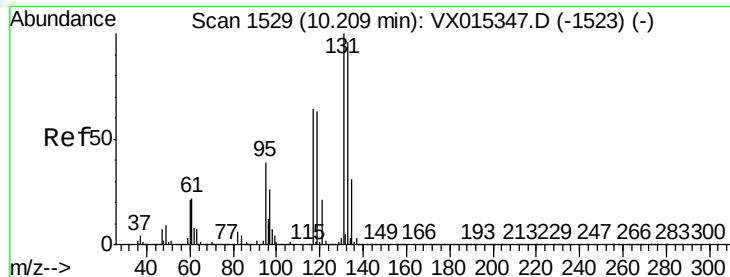
Tgt Ion: 112 Resp: 615145

Ion Ratio Lower Upper

112 100

114 31.2 25.8 38.8





#65

1,1,1,2-Tetrachloroethane

Concen: 18.492 ug/l

RT: 10.20 min Scan# 1528

Delta R.T. -0.01 min

Lab File: VX015355.D

Acq: 26 Mar 2020 12:42

Instrument :

MSVOA_X

ClientSampleId :

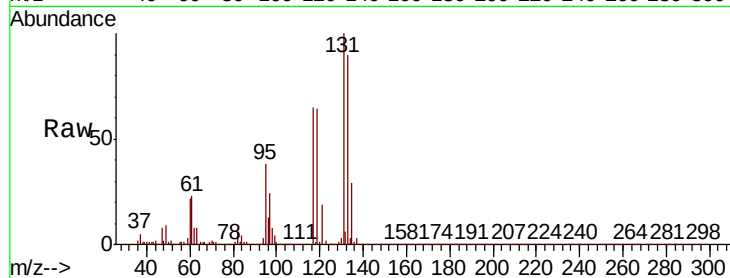
Tot Ion:131 Resp: 254044

Ion Ratio Lower Upper

131 100

133 93.5 0.0 193.6

119 63.0 0.0 128.0

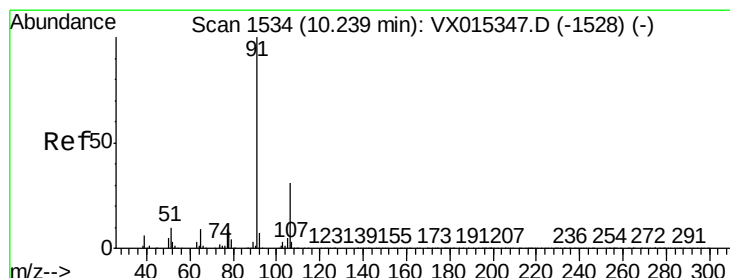
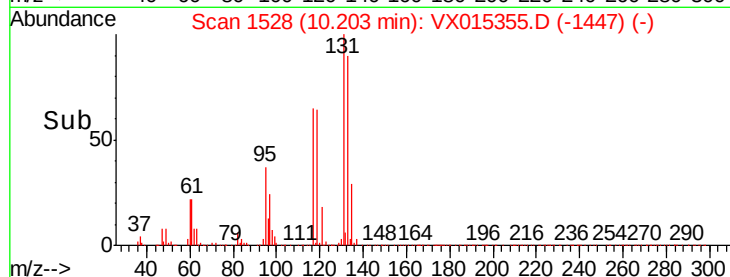
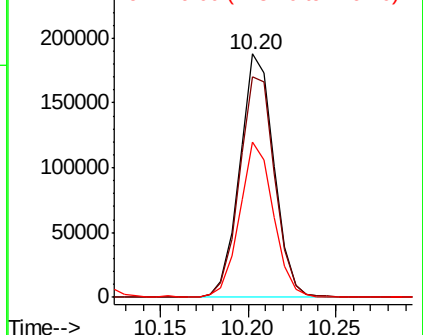


Abundance

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: 18.755 ug/l

RT: 10.23 min Scan# 1533

Delta R.T. -0.01 min

Lab File: VX015355.D

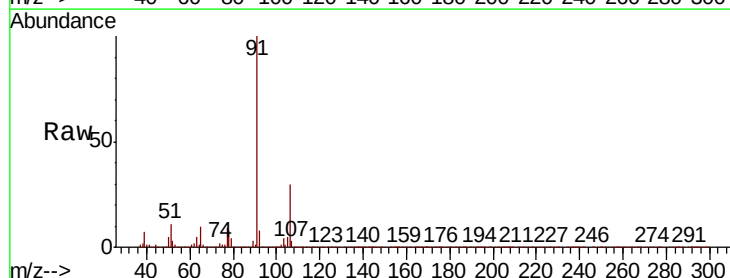
Acq: 26 Mar 2020 12:42

Tgt Ion: 91 Resp: 1120296

Ion Ratio Lower Upper

91 100

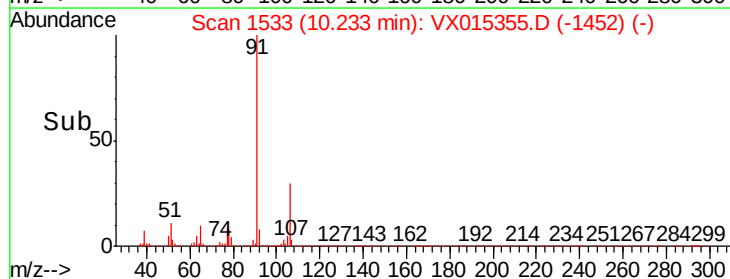
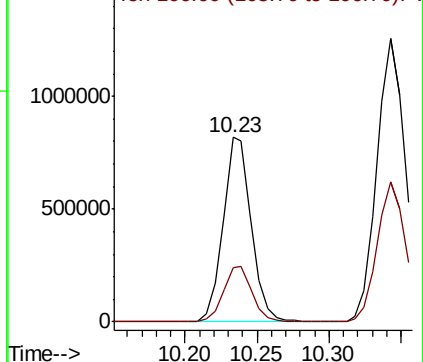
106 29.7 25.0 37.6

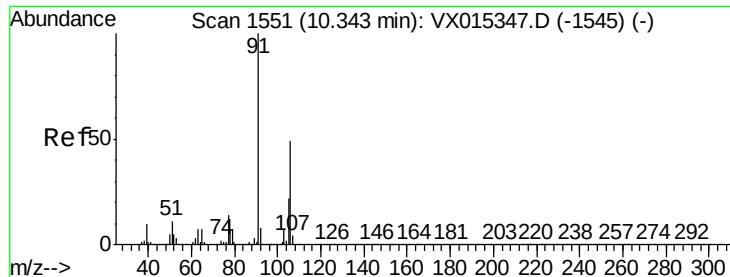


Abundance

Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

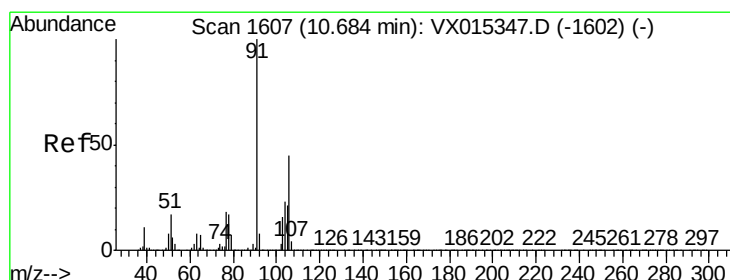
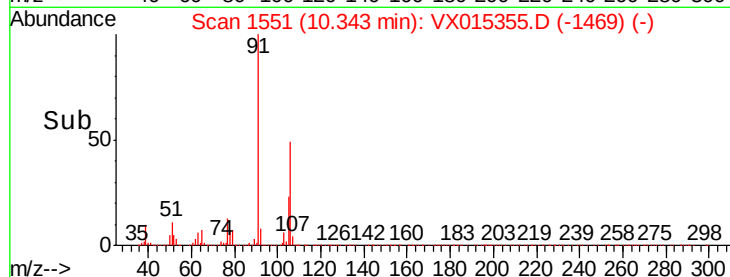
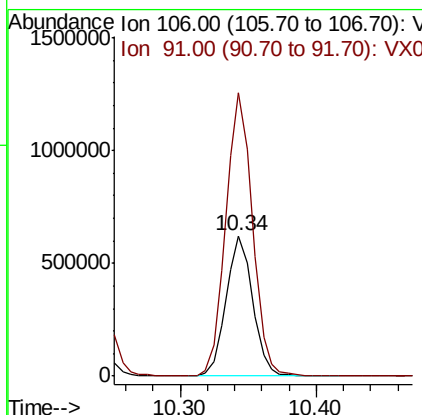
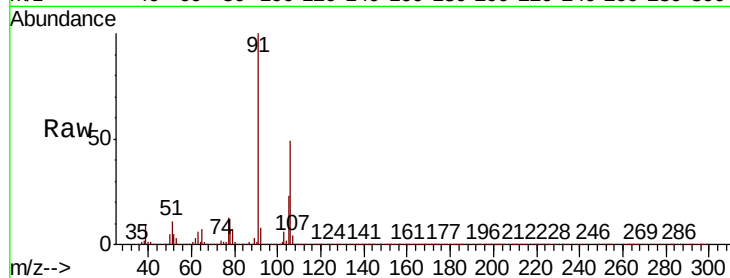




#67
m/p-Xylenes
Concen: 37.032 ug/l
RT: 10.34 min Scan# 1551
Delta R.T. 0.00 min
Lab File: VX015355.D
Acq: 26 Mar 2020 12:42

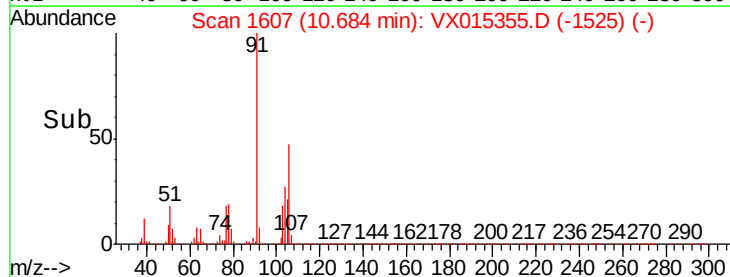
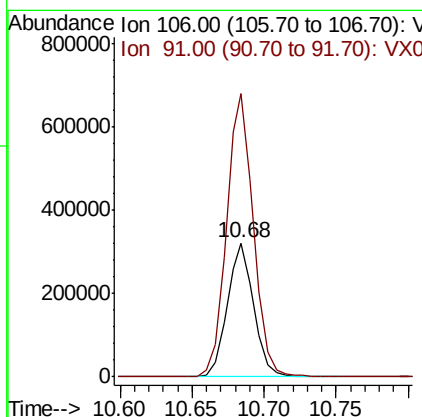
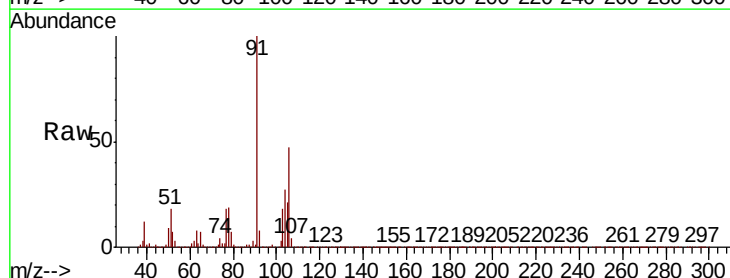
Instrument :
MSVOA_X
ClientSampleId :

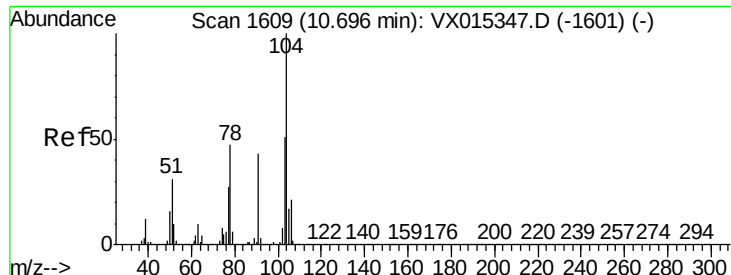
Tot Ion:106 Resp: 837240
Ion Ratio Lower Upper
106 100
91 204.1 165.0 247.4



#68
o-Xylene
Concen: 18.494 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. 0.00 min
Lab File: VX015355.D
Acq: 26 Mar 2020 12:42

Tgt Ion:106 Resp: 408699
Ion Ratio Lower Upper
106 100
91 215.7 109.1 327.2

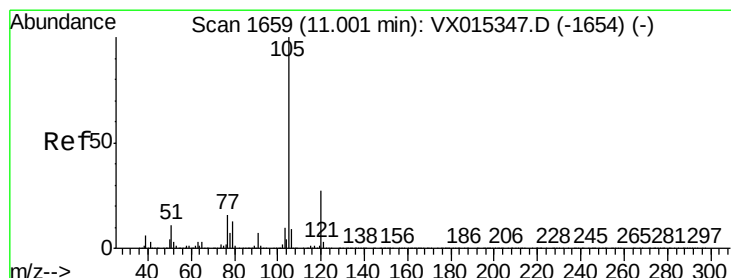
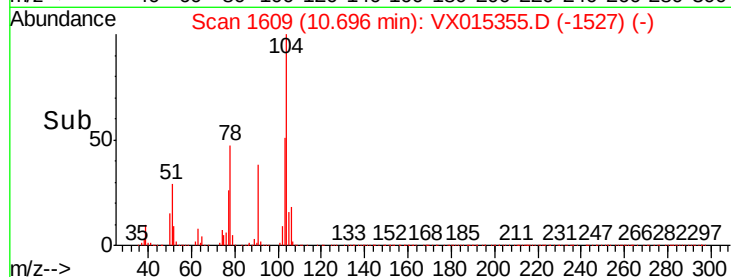
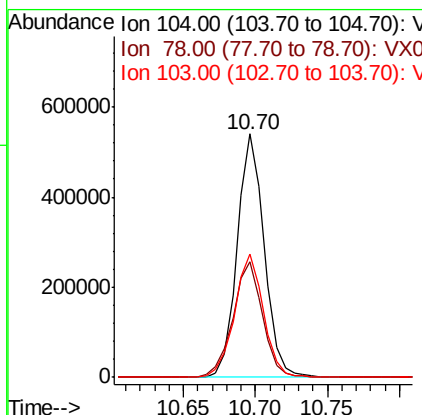
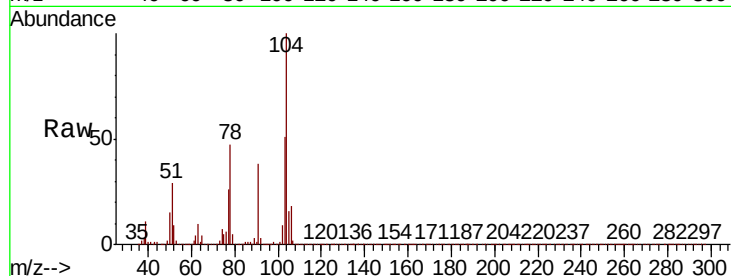




#69
Stvrene
Concen: 18.283 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX015355.D
Acq: 26 Mar 2020 12:42

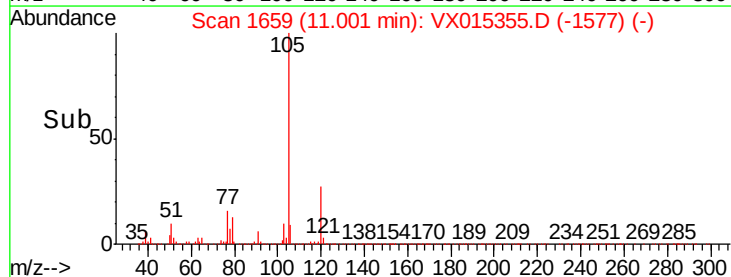
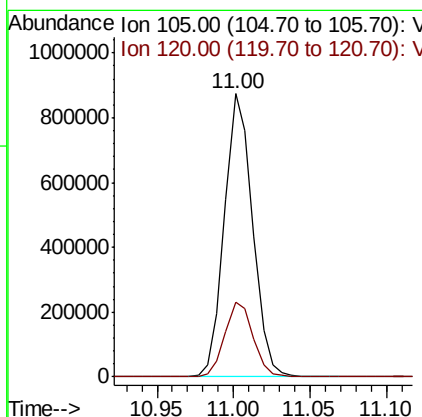
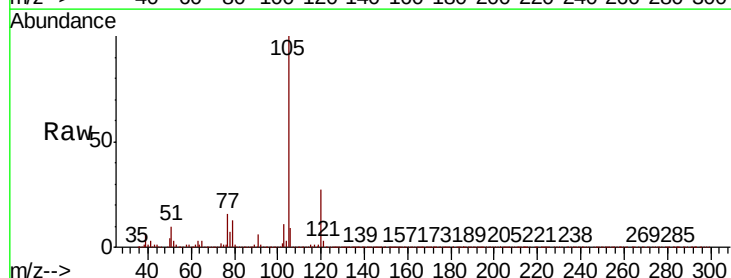
Instrument :
MSVOA_X
ClientSampleId :

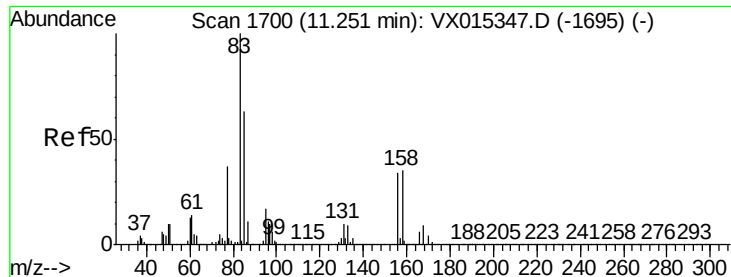
Tot Ion	Ratio	Lower	Upper
104	100		
78	52.0	41.5	62.3
103	54.4	43.4	65.2



#70
Isopropylbenzene
Concen: 19.010 ug/l
RT: 11.00 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX015355.D
Acq: 26 Mar 2020 12:42

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.7	18.8	34.8





#71

1,1,2,2-Tetrachloroethane

Concen: 17.893 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX015355.D

Acq: 26 Mar 2020 12:42

Instrument :

MSVOA_X

ClientSampleId :

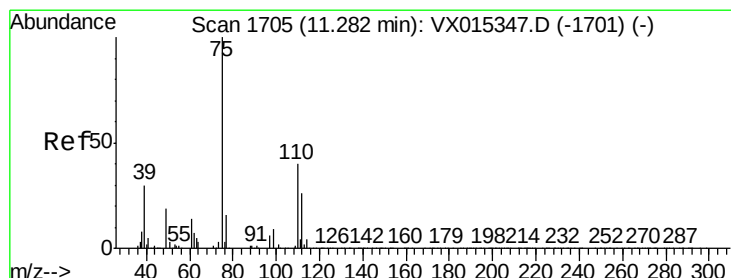
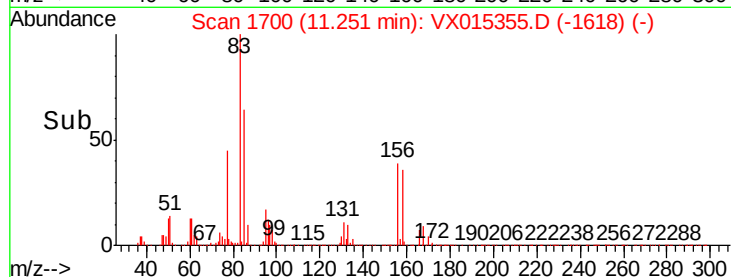
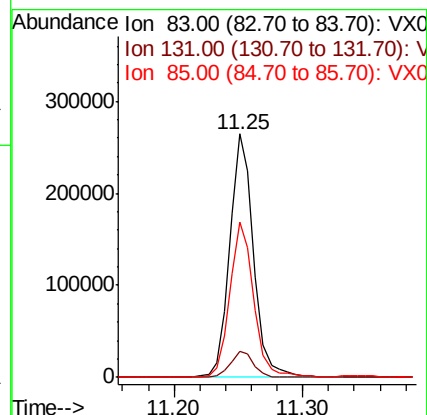
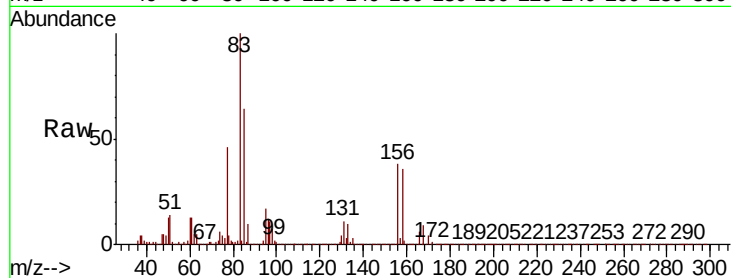
Tot Ion: 83 Resp: 339754

Ion Ratio Lower Upper

83 100

131 10.6 5.3 15.9

85 63.4 32.0 96.2



#72

1,2,3-Trichloropropane

Concen: 23.213 ug/l

RT: 11.28 min Scan# 1705

Delta R.T. 0.00 min

Lab File: VX015355.D

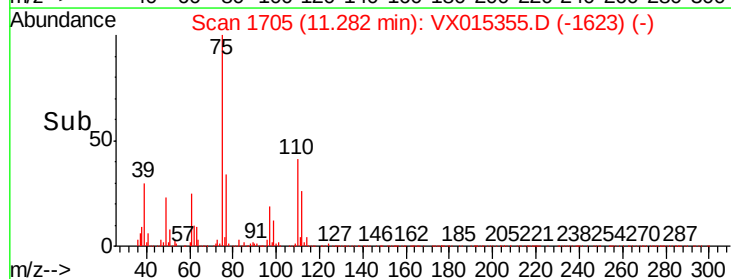
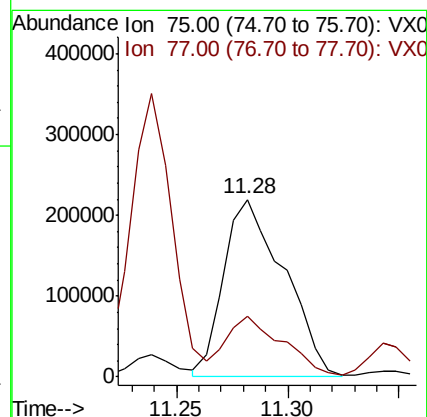
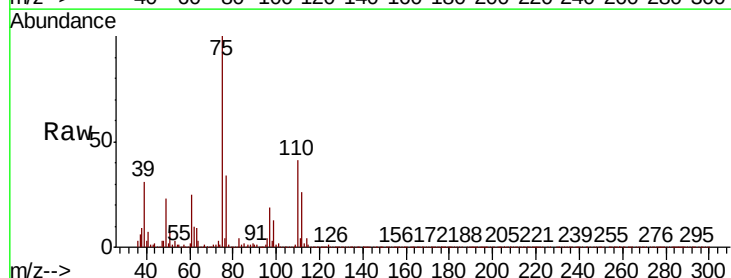
Acq: 26 Mar 2020 12:42

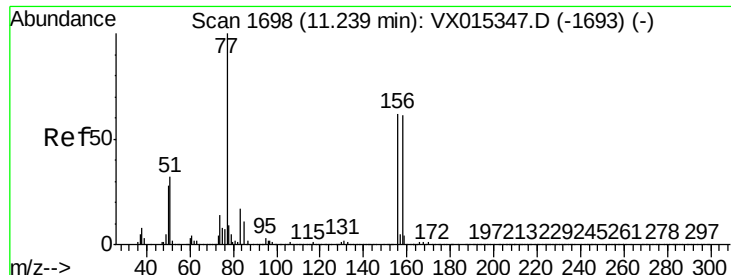
Tgt Ion: 75 Resp: 412425

Ion Ratio Lower Upper

75 100

77 31.9 0.0 80.0





#73

Bromobenzene

Concen: 18.897 ug/l

RT: 11.24 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX015355.D

Acq: 26 Mar 2020 12:42

Instrument :

MSVOA_X

ClientSampleId :

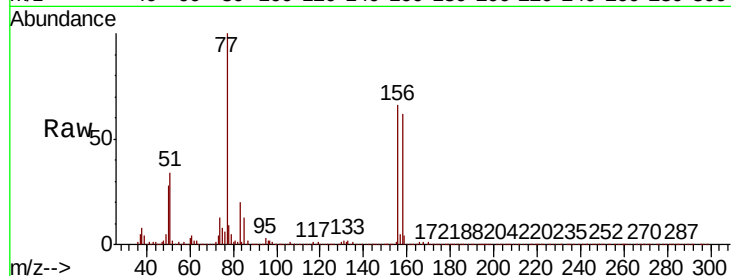
Tot Ion:156 Resp: 297181

Ion Ratio Lower Upper

156 100

77 152.7 0.0 324.4

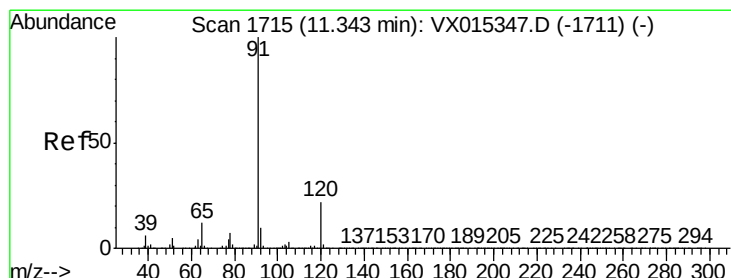
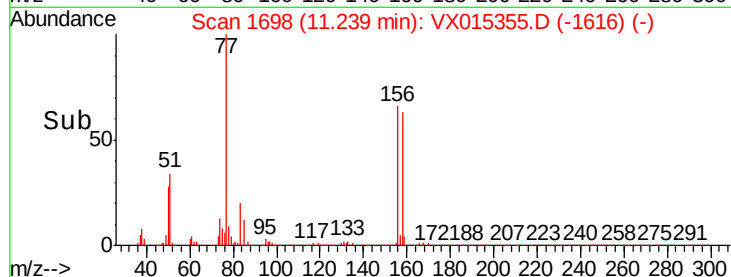
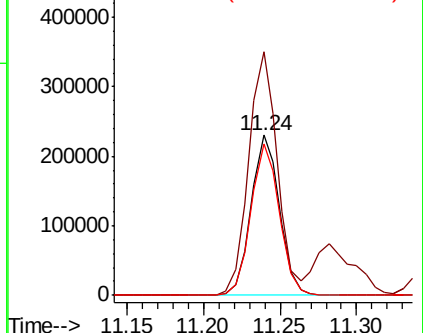
158 94.6 0.0 200.0



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: 18.826 ug/l

RT: 11.34 min Scan# 1715

Delta R.T. 0.00 min

Lab File: VX015355.D

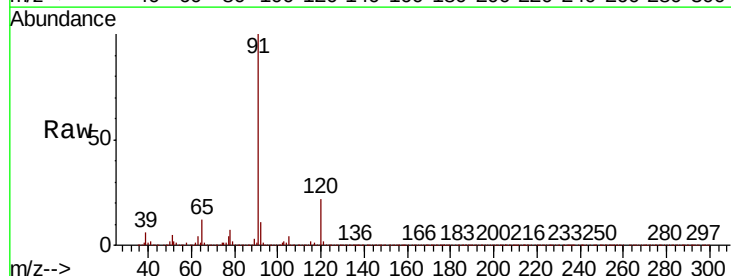
Acq: 26 Mar 2020 12:42

Tgt Ion: 91 Resp: 1265044

Ion Ratio Lower Upper

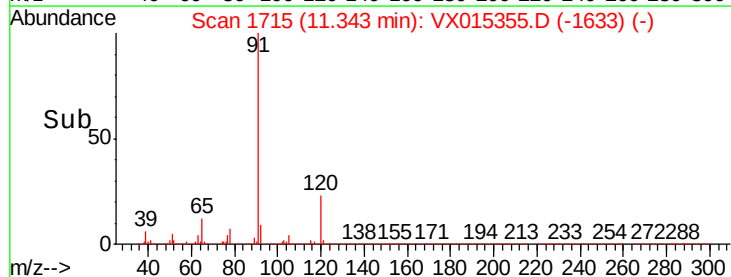
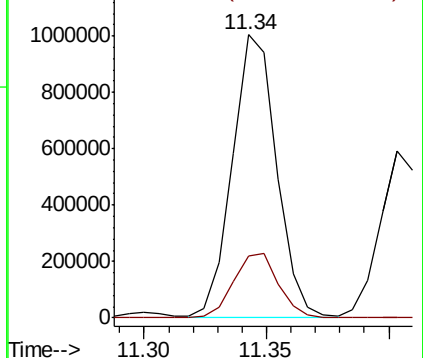
91 100

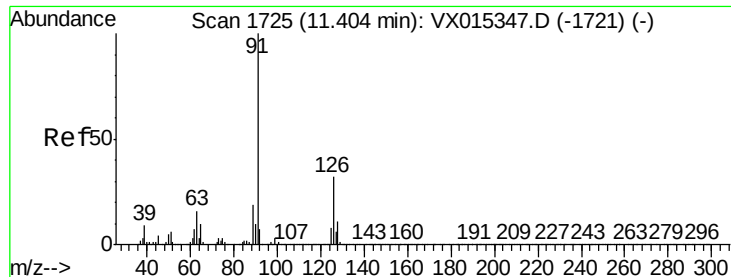
120 23.1 0.0 46.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 18.465 ug/l

RT: 11.40 min Scan# 1725

Delta R.T. 0.00 min

Lab File: VX015355.D

Acq: 26 Mar 2020 12:42

Instrument :

MSVOA_X

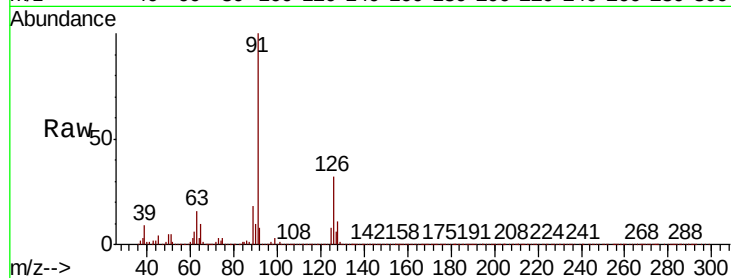
ClientSampled :

Tot Ion: 91 Resp: 754653

Ion Ratio Lower Upper

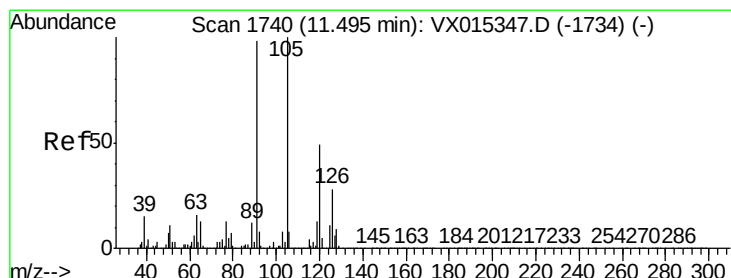
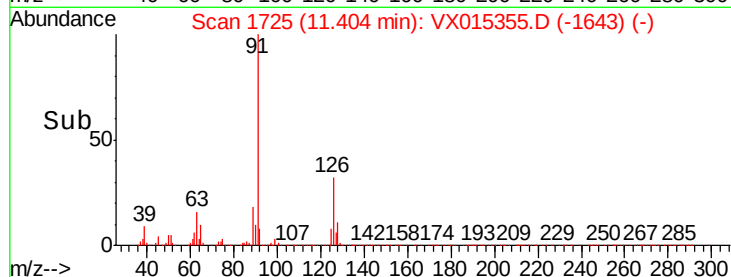
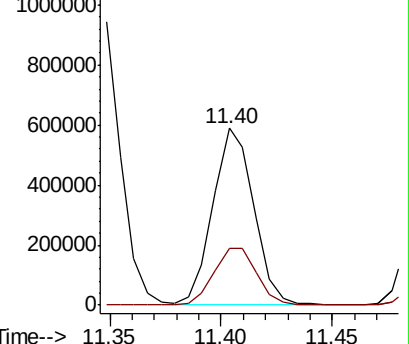
91 100

126 33.6 0.0 65.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V



#76

1,3,5-Trimethylbenzene

Concen: 18.887 ug/l

RT: 11.49 min Scan# 1739

Delta R.T. -0.01 min

Lab File: VX015355.D

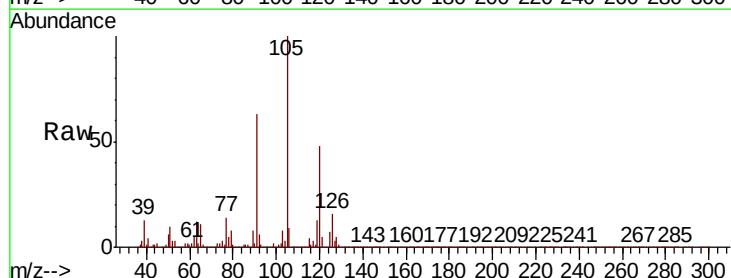
Acq: 26 Mar 2020 12:42

Tgt Ion: 105 Resp: 950208

Ion Ratio Lower Upper

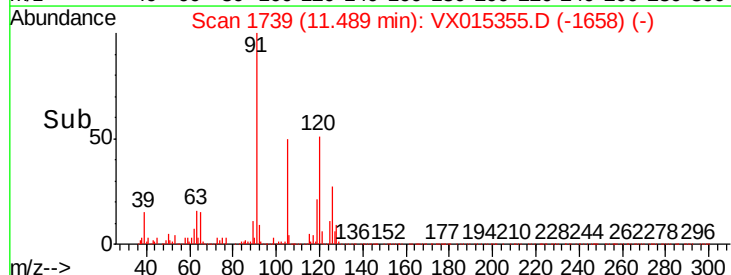
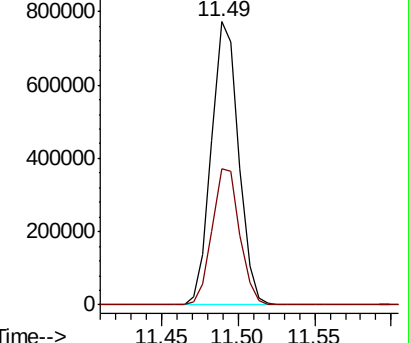
105 100

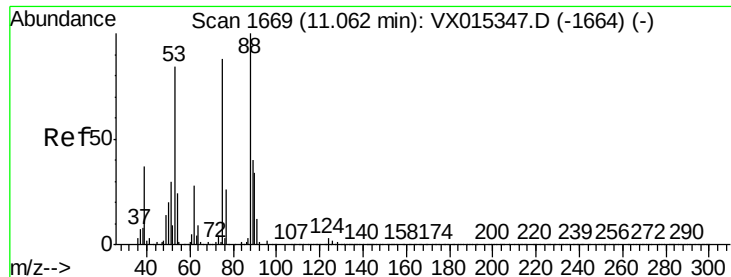
120 48.6 0.0 98.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#77

t-1,4-Dichloro-2-butene

Concen: 17.337 ug/l

RT: 11.06 min Scan# 1669

Delta R.T. 0.00 min

Lab File: VX015355.D

Acq: 26 Mar 2020 12:42

Instrument :

MSVOA_X

ClientSampled :

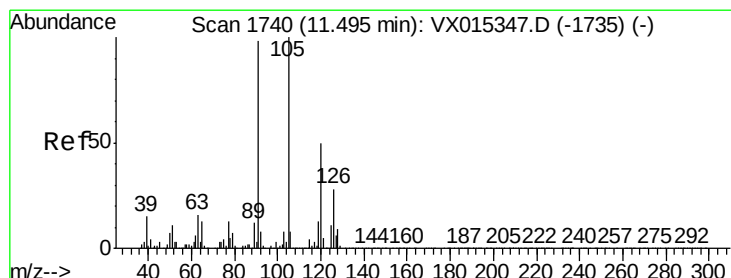
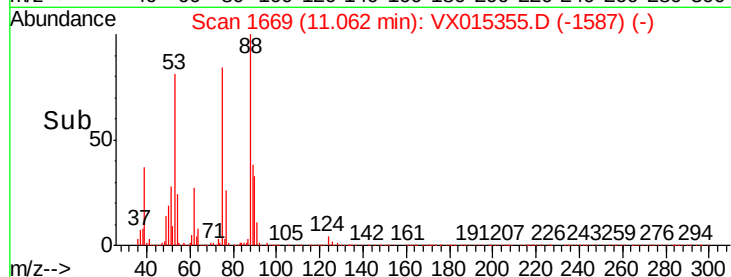
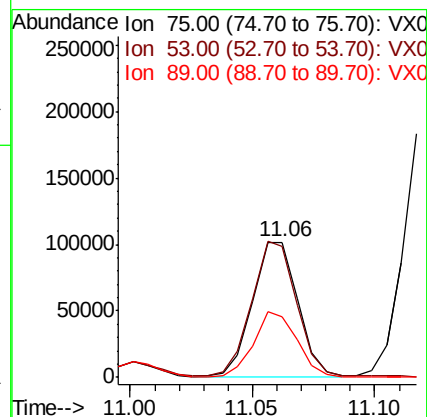
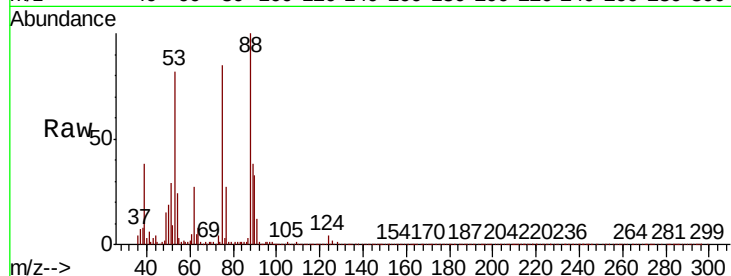
Tot Ion: 75 Resp: 132739

Ion Ratio Lower Upper

75 100

53 96.3 47.5 142.6

89 44.7 22.8 68.3



#78

4-Chlorotoluene

Concen: 18.651 ug/l

RT: 11.49 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VX015355.D

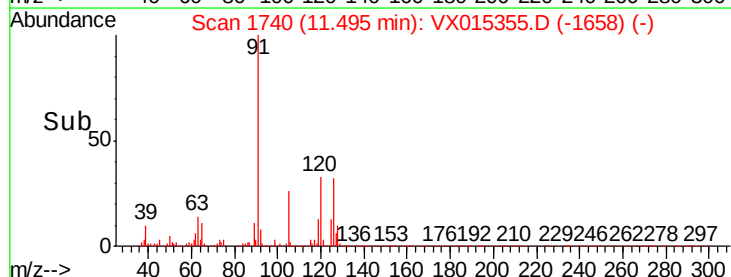
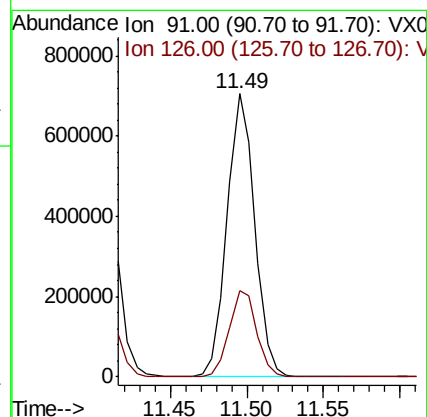
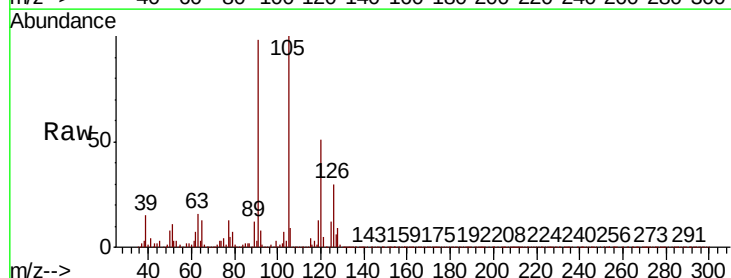
Acq: 26 Mar 2020 12:42

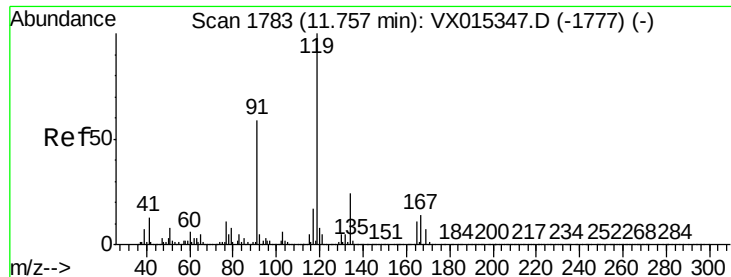
Tgt Ion: 91 Resp: 881849

Ion Ratio Lower Upper

91 100

126 30.2 0.0 57.8

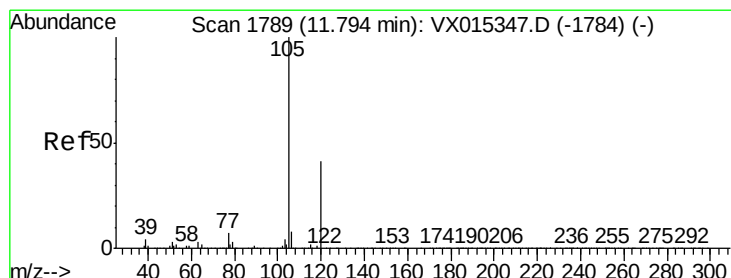
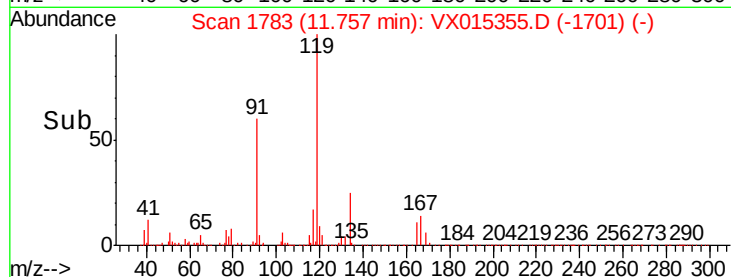
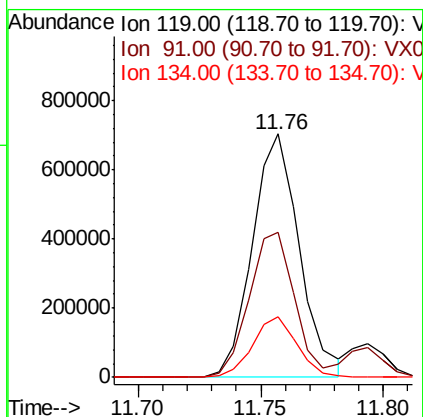
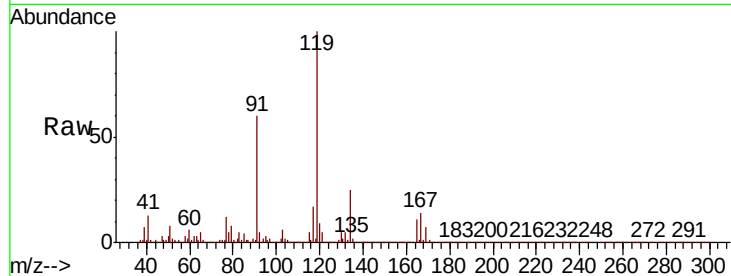




#79
tert-butylbenzene
Concen: 18.733 ug/l
RT: 11.76 min Scan# 1783
Delta R.T. 0.00 min
Lab File: VX015355.D
Acq: 26 Mar 2020 12:42

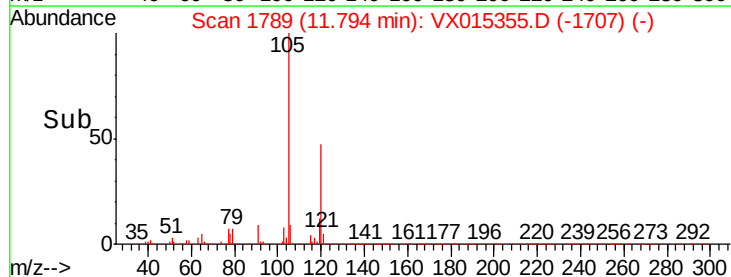
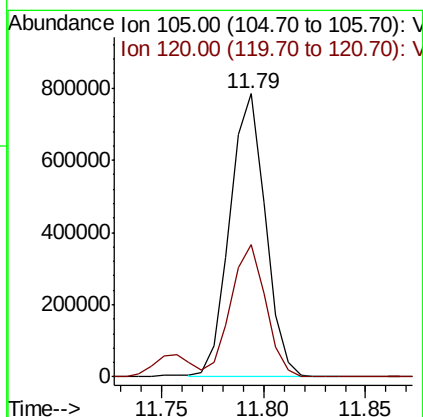
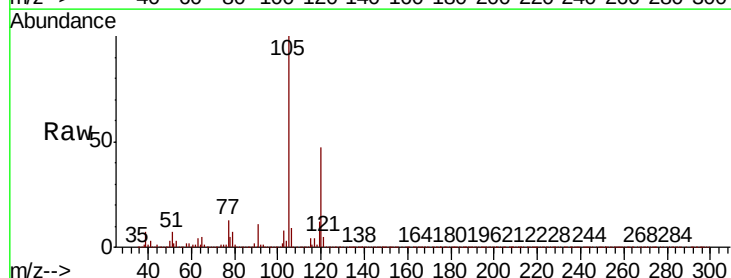
Instrument :
MSVOA_X
ClientSampleId :

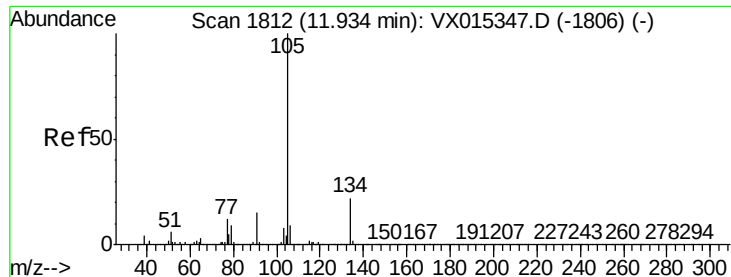
Tot Ion:119 Resp: 941928
Ion Ratio Lower Upper
119 100
91 57.4 0.0 115.8
134 23.5 0.0 47.0



#80
1,2,4-Trimethylbenzene
Concen: 18.563 ug/l
RT: 11.79 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VX015355.D
Acq: 26 Mar 2020 12:42

Tgt Ion:105 Resp: 946059
Ion Ratio Lower Upper
105 100
120 45.8 0.0 91.0





#81

sec-Butylbenzene

Concen: 18.720 ug/l

RT: 11.93 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VX015355.D

Acq: 26 Mar 2020 12:42

Instrument :

MSVOA_X

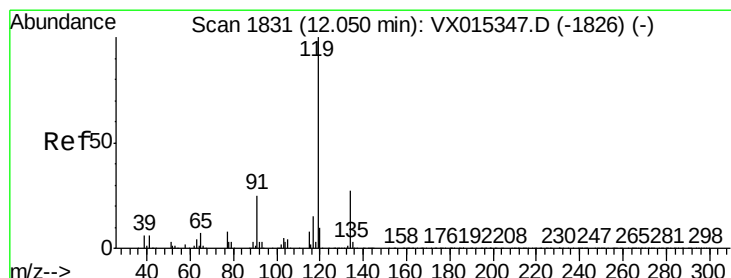
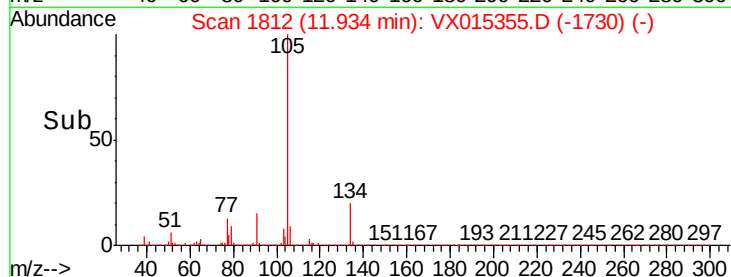
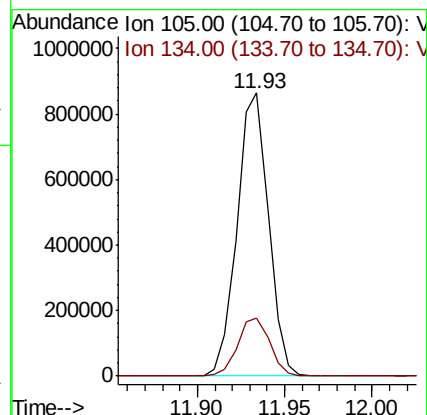
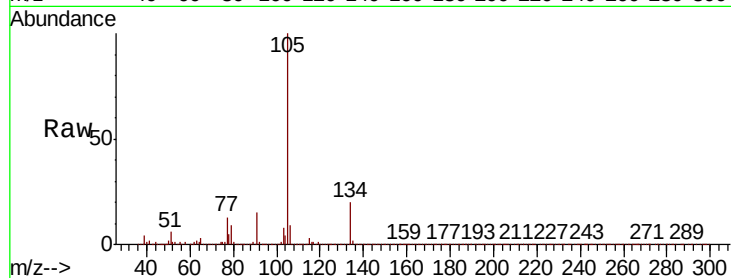
ClientSampleId :

Tot Ion:105 Resp: 1079773

Ion Ratio Lower Upper

105 100

134 20.8 0.0 41.6



#82

p-Isopropyltoluene

Concen: 18.853 ug/l

RT: 12.05 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VX015355.D

Acq: 26 Mar 2020 12:42

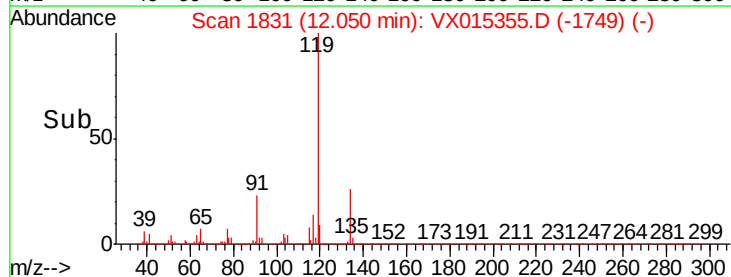
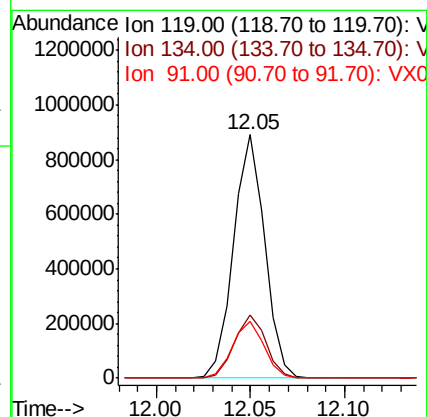
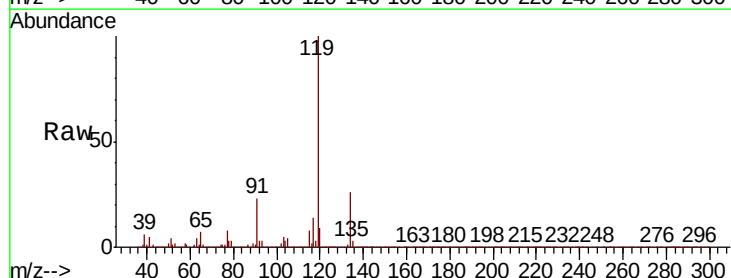
Tgt Ion:119 Resp: 1024918

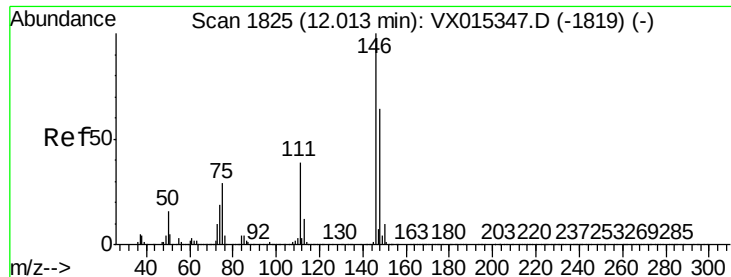
Ion Ratio Lower Upper

119 100

134 26.2 0.0 53.2

91 23.7 0.0 48.2





#83

1,3-Dichlorobenzene

Concen: 18.182 ug/l

RT: 12.01 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VX015355.D

Acq: 26 Mar 2020 12:42

Instrument :

MSVOA_X

ClientSampleId :

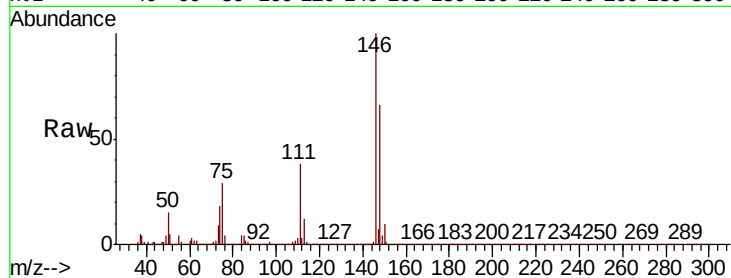
Tot Ion:146 Resp: 514151

Ion Ratio Lower Upper

146 100

111 39.4 20.1 60.2

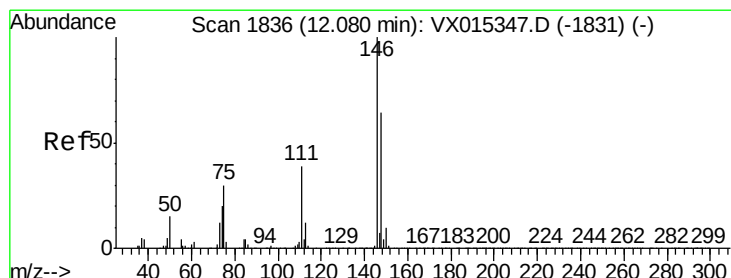
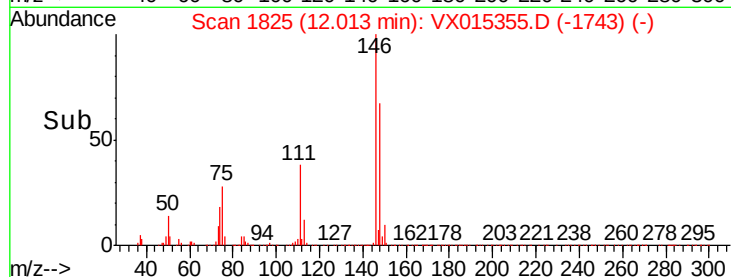
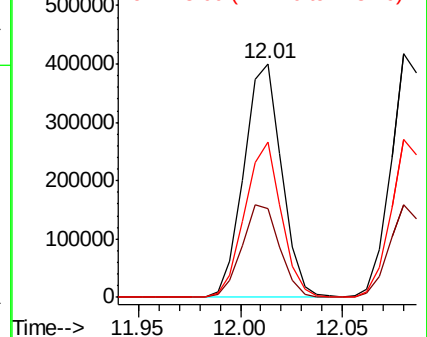
148 63.9 31.4 94.2



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#84

1,4-Dichlorobenzene

Concen: 18.324 ug/l

RT: 12.08 min Scan# 1836

Delta R.T. 0.00 min

Lab File: VX015355.D

Acq: 26 Mar 2020 12:42

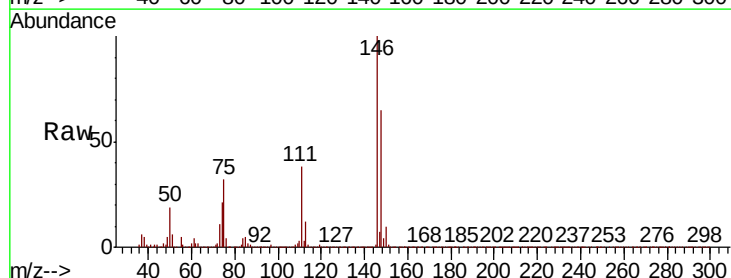
Tgt Ion:146 Resp: 517110

Ion Ratio Lower Upper

146 100

111 37.5 18.9 56.9

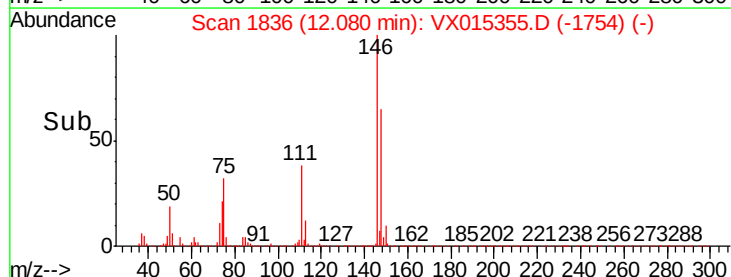
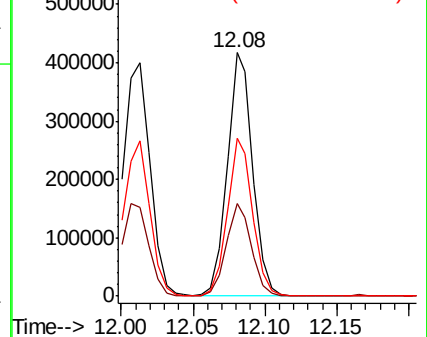
148 64.3 31.4 94.3

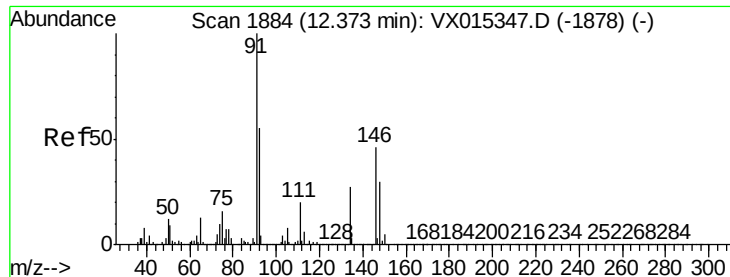


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#85

n-Butylbenzene

Concen: 18.899 ug/l

RT: 12.37 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VX015355.D

Acq: 26 Mar 2020 12:42

Instrument :

MSVOA_X

ClientSampled :

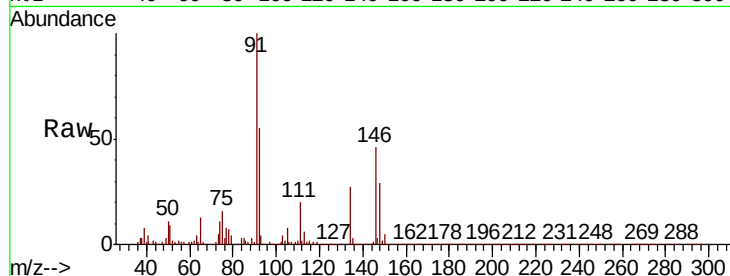
Tot Ion: 91 Resp: 915774

Ion Ratio Lower Upper

91 100

92 54.6 0.0 109.0

134 27.0 0.0 54.0



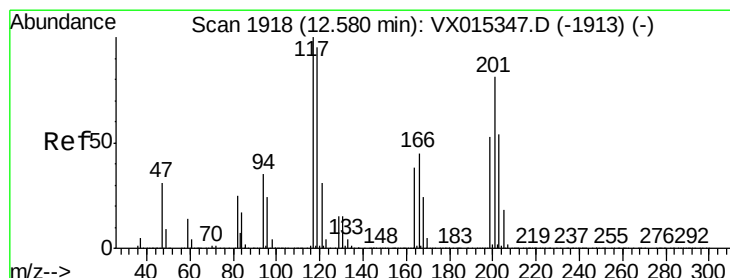
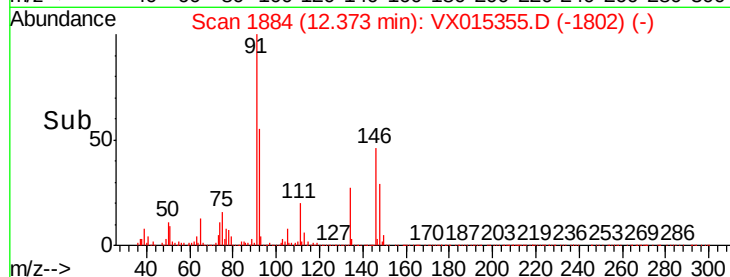
Abundance Ion 91.00 (90.70 to 91.70): VX015347.D (-1878) (-)

Ion 92.00 (91.70 to 92.70): VX015347.D (-1878) (-)

Ion 134.00 (133.70 to 134.70): VX015347.D (-1878) (-)

12.37

Time-->



#86

Hexachloroethane

Concen: 18.568 ug/l

RT: 12.58 min Scan# 1918

Delta R.T. 0.00 min

Lab File: VX015355.D

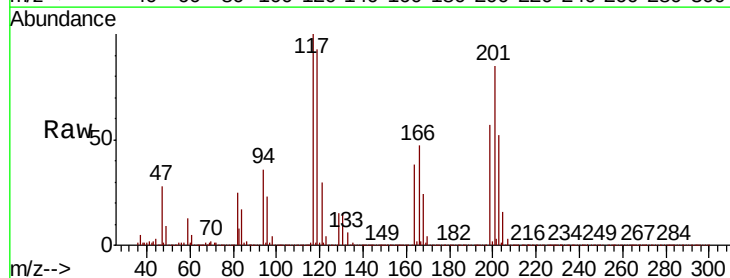
Acq: 26 Mar 2020 12:42

Tgt Ion: 117 Resp: 195097

Ion Ratio Lower Upper

117 100

201 94.9 44.9 134.5

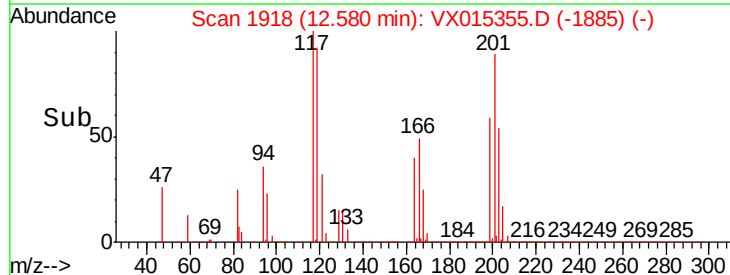


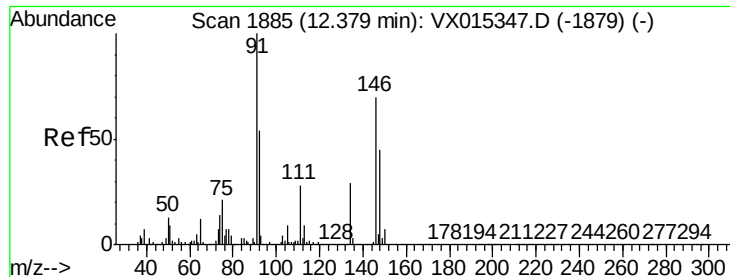
Abundance Ion 117.00 (116.70 to 117.70): VX015347.D (-1913) (-)

Ion 201.00 (200.70 to 201.70): VX015347.D (-1913) (-)

12.58

Time-->





#87

1,2-Dichlorobenzene

Concen: 18.312 ug/l

RT: 12.38 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX015355.D

Acq: 26 Mar 2020 12:42

Instrument :

MSVOA_X

ClientSampled :

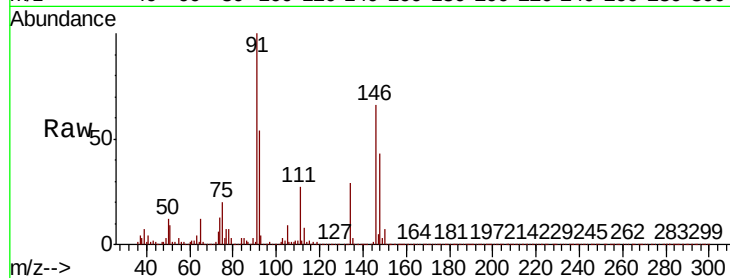
Tot Ion:146 Resp: 505184

Ion Ratio Lower Upper

146 100

111 40.8 20.4 61.2

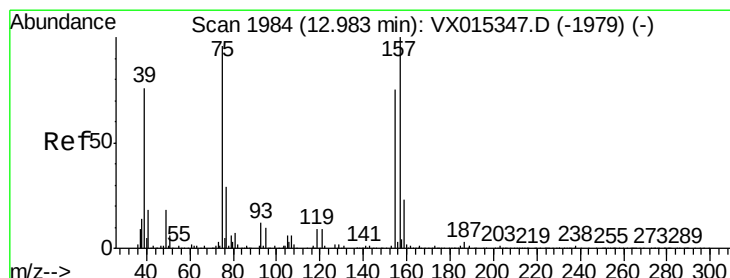
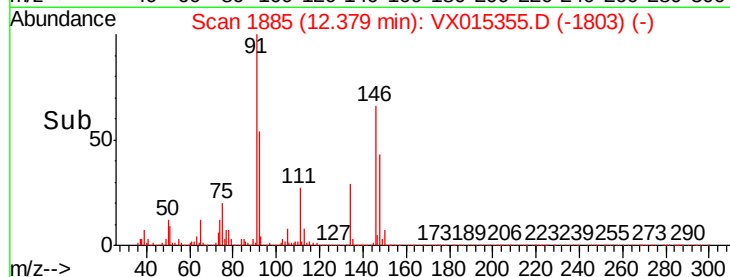
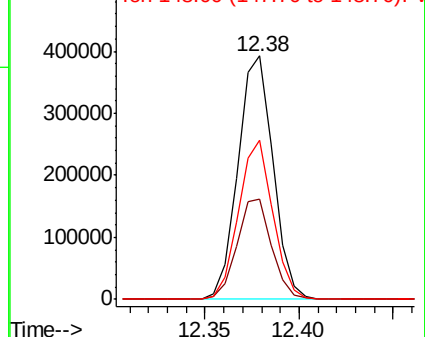
148 64.0 31.9 95.9



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#88

1,2-Dibromo-3-Chloropropane

Concen: 16.439 ug/l

RT: 12.98 min Scan# 1984

Delta R.T. 0.00 min

Lab File: VX015355.D

Acq: 26 Mar 2020 12:42

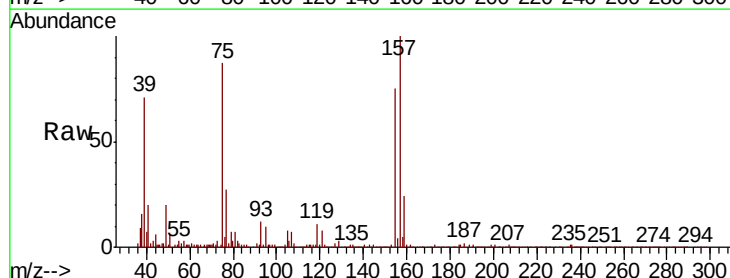
Tgt Ion: 75 Resp: 82220

Ion Ratio Lower Upper

75 100

155 88.7 67.7 101.5

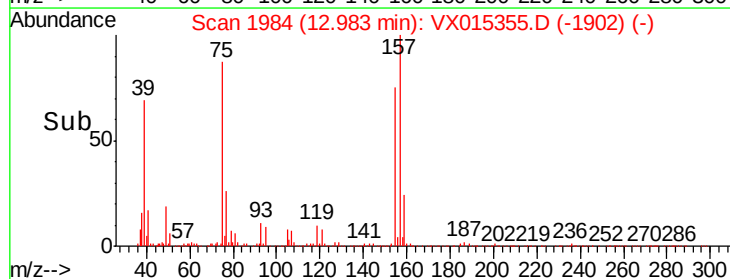
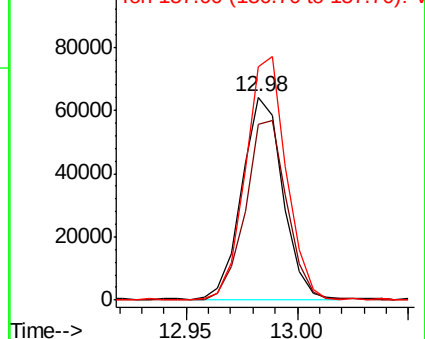
157 119.4 88.5 132.7

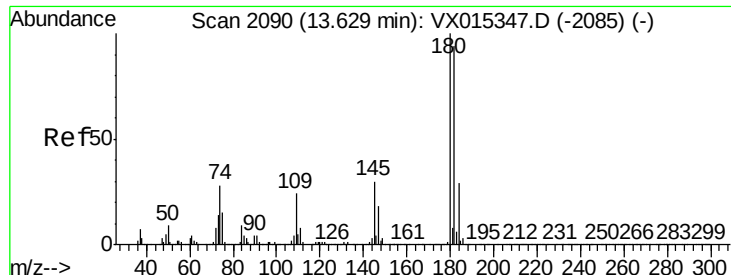


Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

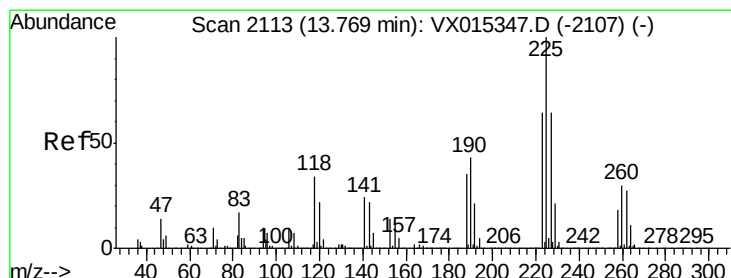
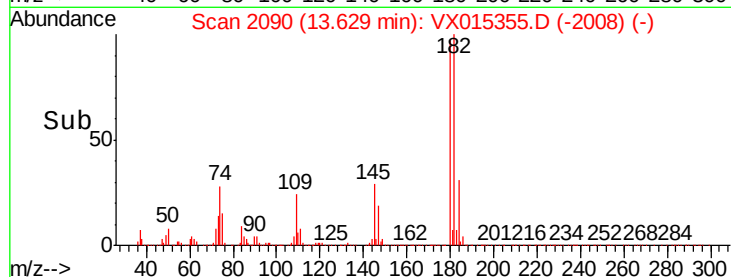
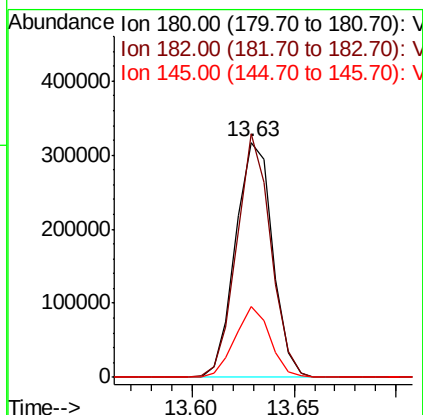
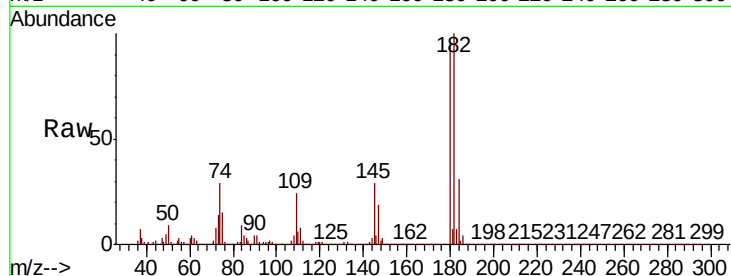




#89
 1,2,4-Trichlorobenzene
 Concen: 18.000 ug/l
 RT: 13.63 min Scan# 2090
 Delta R.T. 0.00 min
 Lab File: VX015355.D
 Acq: 26 Mar 2020 12:42

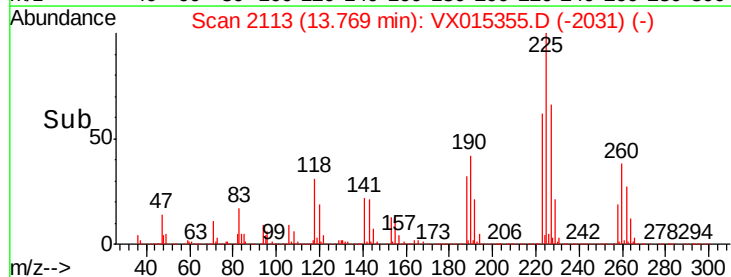
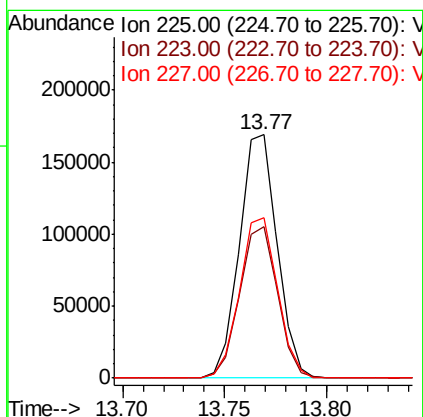
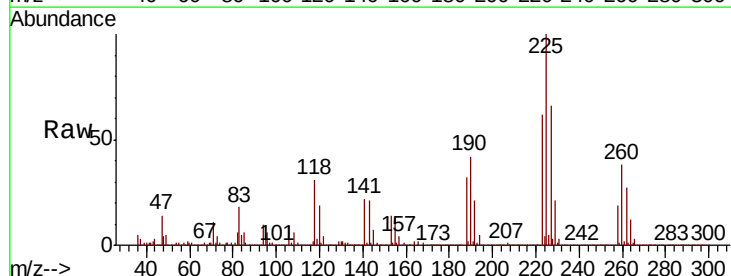
Instrument :
 MSVOA_X
 ClientSampled :

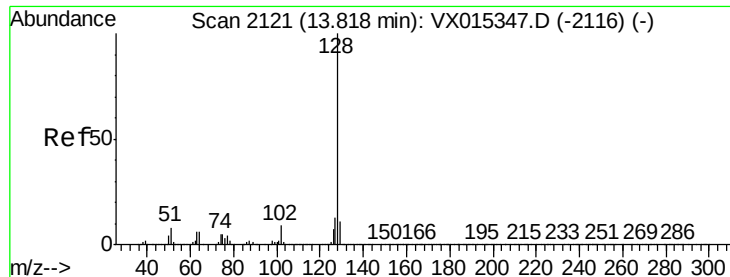
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.8	76.9	115.3
145	28.4	24.3	36.5



#90
 Hexachlorobutadiene
 Concen: 18.563 ug/l
 RT: 13.77 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VX015355.D
 Acq: 26 Mar 2020 12:42

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.4	0.0	127.0
227	65.8	0.0	126.8

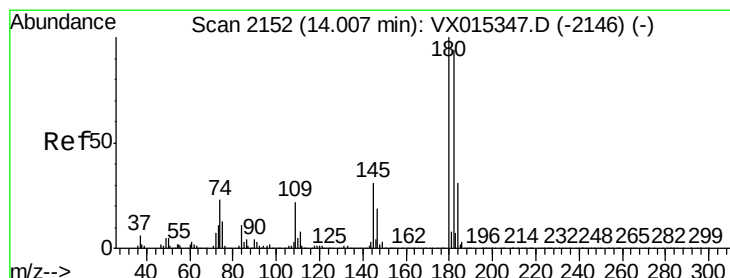
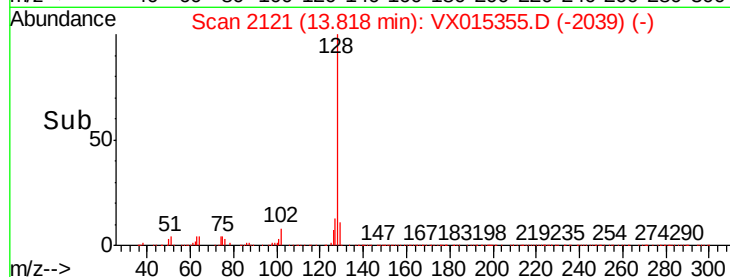
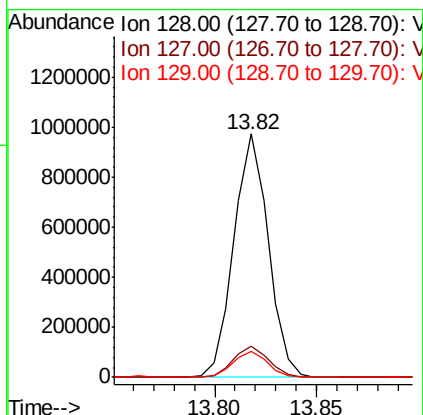
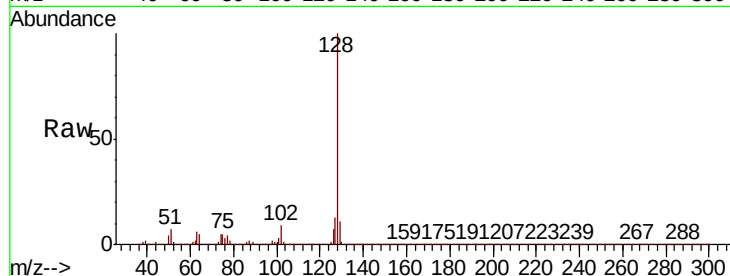




#91
Naphthalene
Concen: 17.618 ug/l
RT: 13.82 min Scan# 2121
Delta R.T. 0.00 min
Lab File: VX015355.D
Acq: 26 Mar 2020 12:42

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 1133760
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 10.7 8.9 13.3



#92
1,2,3-Trichlorobenzene
Concen: 17.762 ug/l
RT: 14.01 min Scan# 2152
Delta R.T. 0.00 min
Lab File: VX015355.D
Acq: 26 Mar 2020 12:42

Tgt Ion:180 Resp: 392136
Ion Ratio Lower Upper
180 100
182 95.8 0.0 191.0
145 30.8 0.0 62.2

