

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX030420\
 Data File : VX015079.D
 Acq On : 04 Mar 2020 08:39
 Operator : JC/SP
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Quant Time: Mar 04 13:15:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 04 13:12:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	419961	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	636369	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	571667	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	274889	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	8803	1.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	3.54%	
35) Dibromofluoromethane	5.50	113	6449	1.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	3.22%	
50) Toluene-d8	8.71	98	17702	1.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.32%	
62) 4-Bromofluorobenzene	11.13	95	7117	1.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	4084	1.11	ug/l	85
3) Chloromethane	1.32	50	5836	1.12	ug/l	97
4) Vinyl Chloride	1.40	62	6150	1.16	ug/l	96
5) Bromomethane	1.65	94	4516	1.39	ug/l	86
6) Chloroethane	1.72	64	3503	1.11	ug/l #	79
7) Trichlorofluoromethane	1.93	101	6693	1.06	ug/l	92
8) Diethyl Ether	2.02	74	455	0.16	ug/l	65
9) 1,1,2-Trichlorotrifluoroet	2.38	101	4315	1.09	ug/l #	91
10) Methyl Iodide	2.51	142	3998	0.89	ug/l #	87
11) Tert butyl alcohol	3.04	59	4445	5.14	ug/l #	87
12) 1,1-Dichloroethene	2.37	96	4608	1.13	ug/l #	79
13) Acrolein	2.29	56	4546	5.60	ug/l	95
14) Allyl chloride	2.72	41	7297	1.03	ug/l	87
15) Acrylonitrile	3.14	53	10231	4.75	ug/l	98
16) Acetone	2.45	43	11795	5.85	ug/l	95
17) Carbon Disulfide	2.57	76	12071	1.07	ug/l #	95
18) Methyl Acetate	2.76	43	5970	1.21	ug/l	93
19) Methyl tert-butyl Ether	3.18	73	12042	0.94	ug/l #	90
20) Methylene Chloride	2.85	84	5736	1.21	ug/l #	89
21) trans-1,2-Dichloroethene	3.16	96	4553	1.04	ug/l #	73
22) Diisopropyl ether	3.84	45	13127	0.93	ug/l #	81
23) Vinyl Acetate	3.81	43	48541	4.17	ug/l	98
24) 1,1-Dichloroethane	3.69	63	7727	0.98	ug/l #	89
25) 2-Butanone	4.67	43	13455	4.55	ug/l #	87
26) 2,2-Dichloropropane	4.56	77	6473	1.04	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	5053	1.03	ug/l	97
28) Bromochloromethane	5.01	49	3036	0.85	ug/l #	79
29) Tetrahydrofuran	5.12	42	9754	5.12	ug/l #	87
30) Chloroform	5.20	83	7702	1.00	ug/l	89
31) Cyclohexane	5.56	56	6472	0.92	ug/l #	90
32) 1,1,1-Trichloroethane	5.47	97	5930	0.93	ug/l #	38
36) 1,1-Dichloropropene	5.79	75	6310	1.07	ug/l #	91
37) Ethyl Acetate	4.83	43	4053	0.74	ug/l #	78
38) Carbon Tetrachloride	5.76	117	5958	1.07	ug/l	85

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 MSVOA_X
 ClientSampleId :
 VSTDIC001

Quant Time: Mar 04 13:15:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 04 13:12:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	6450	0.94	ug/l	97
40) Benzene	6.13	78	17296	0.99	ug/l #	90
41) Methacrylonitrile	5.03	41	1875	0.62	ug/l #	24
42) 1,2-Dichloroethane	6.18	62	5699	0.95	ug/l	91
43) Isopropyl Acetate	6.43	43	9162	0.95	ug/l #	96
44) Trichloroethene	7.20	130	5037	1.04	ug/l	96
45) 1,2-Dichloropropane	7.51	63	4300	0.95	ug/l #	86
46) Dibromomethane	7.66	93	3075	1.04	ug/l	93
47) Bromodichloromethane	7.89	83	5788	0.99	ug/l	91
48) Methyl methacrylate	7.76	41	5193	1.06	ug/l #	78
49) 1,4-Dioxane	7.77	88	2330	22.09	ug/l #	51
51) 4-Methyl-2-Pentanone	8.64	43	23877	4.20	ug/l	99
52) Toluene	8.78	92	9669	0.91	ug/l	92
53) t-1,3-Dichloropropene	9.04	75	5124	0.82	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	6488	0.93	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	4407	1.00	ug/l #	86
56) Ethyl methacrylate	9.17	69	4775	0.76	ug/l #	86
57) 1,3-Dichloropropane	9.36	76	7173	0.97	ug/l	94
58) 2-Chloroethyl Vinyl ether	8.31	63	15550	4.55	ug/l	93
59) 2-Hexanone	9.49	43	15949	3.79	ug/l	96
60) Dibromochloromethane	9.57	129	4618	1.00	ug/l	96
61) 1,2-Dibromoethane	9.67	107	4688	1.02	ug/l	83
64) Tetrachloroethene	9.33	164	5087	1.08	ug/l #	91
65) Chlorobenzene	10.14	112	11420	1.00	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.21	131	4626	1.07	ug/l #	63
67) Ethyl Benzene	10.25	91	17484	0.90	ug/l	94
68) m/p-Xylenes	10.36	106	12409	1.67	ug/l	94
69) o-Xylene	10.70	106	6532	0.92	ug/l	98
70) Styrene	10.71	104	10605	0.87	ug/l	97
71) Bromoform	10.85	173	2945	0.88	ug/l #	98
73) Isopropylbenzene	11.01	105	15769	0.90	ug/l	97
74) N-amyl acetate	10.89	43	6714	0.91	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	11.26	83	6011	1.03	ug/l #	78
76) 1,2,3-Trichloropropane	11.29	75	6246	1.16	ug/l	75
77) Bromobenzene	11.25	156	5321	1.09	ug/l	88
78) n-propylbenzene	11.35	91	17050	0.85	ug/l	92
79) 2-Chlorotoluene	11.42	91	11028	0.92	ug/l	95
80) 1,3,5-Trimethylbenzene	11.50	105	12665	0.87	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.07	75	1383	0.72	ug/l #	77
82) 4-Chlorotoluene	11.51	91	13692	0.97	ug/l	98
83) tert-Butylbenzene	11.76	119	12377	0.88	ug/l	92
84) 1,2,4-Trimethylbenzene	11.81	105	12684	0.86	ug/l	96
85) sec-Butylbenzene	11.94	105	14555	0.85	ug/l	91
86) p-Isopropyltoluene	12.06	119	13431	0.85	ug/l #	89
87) 1,3-Dichlorobenzene	12.02	146	8776	1.02	ug/l	94
88) 1,4-Dichlorobenzene	12.02	146	8776	1.01	ug/l	95
89) n-Butylbenzene	12.38	91	11473	0.82	ug/l	97
90) Hexachloroethane	12.59	117	3298	1.11	ug/l	83
91) 1,2-Dichlorobenzene	12.39	146	8950	1.05	ug/l	92
92) 1,2-Dibromo-3-Chloropropan	13.00	75	1087	0.93	ug/l	94

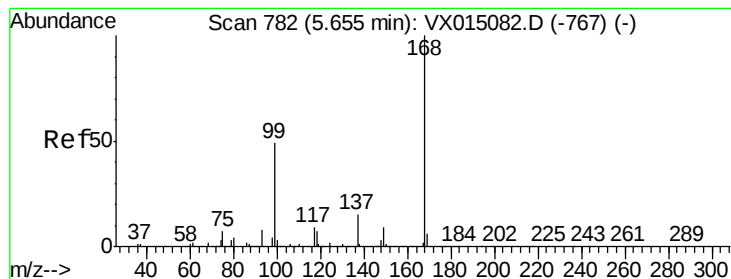
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX030420\
Data File : VX015079.D
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Quant Title : SW846 8260
QLast Update : Wed Mar 04 13:12:07 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	5721	0.96	ug/l	92
94) Hexachlorobutadiene	13.78	225	3464	1.14	ug/l	95
95) Naphthalene	13.83	128	11702	0.72	ug/l #	97
96) 1,2,3-Trichlorobenzene	14.01	180	5192	0.88	ug/l	90

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.01 min

Lab File: VX015079.D

Acq: 04 Mar 2020 08:39

Instrument :

MSVOA_X

ClientSampleId :

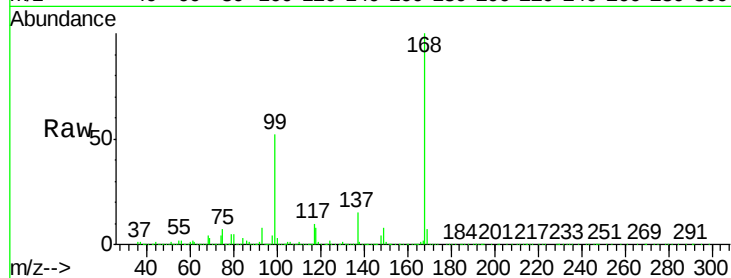
VSTDIC001

Tgt Ion:168 Resp: 419961

Ion Ratio Lower Upper

168 100

99 51.5 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

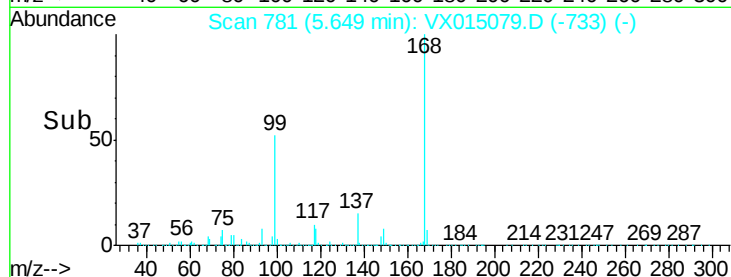
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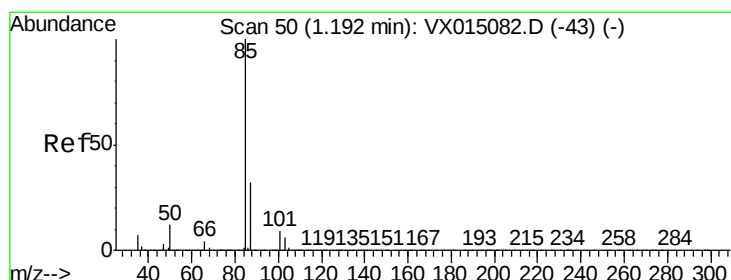
50000

0

5.50 5.60 5.70 5.80



Time-->



#2

Dichlorodifluoromethane

Concen: 1.11 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX015079.D

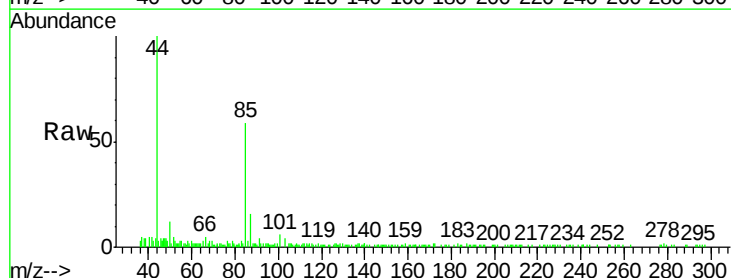
Acq: 04 Mar 2020 08:39

Tgt Ion: 85 Resp: 4084

Ion Ratio Lower Upper

85 100

87 24.0 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

5000

4000

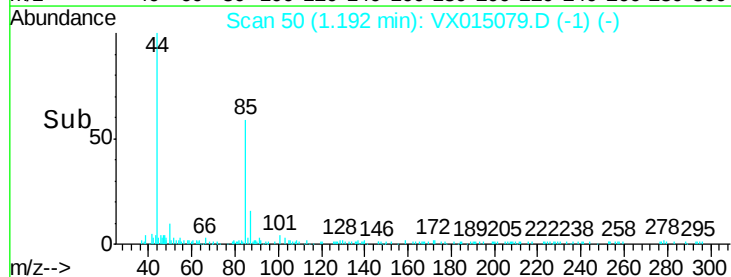
3000

2000

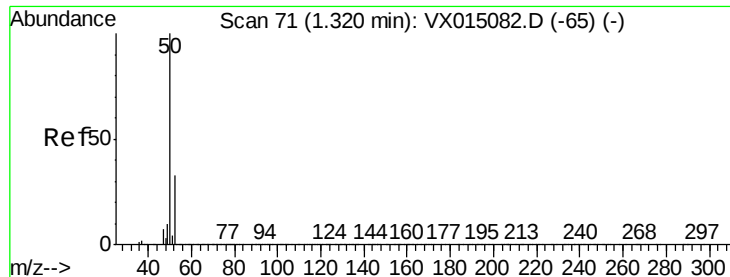
1000

0

1.15 1.20 1.25



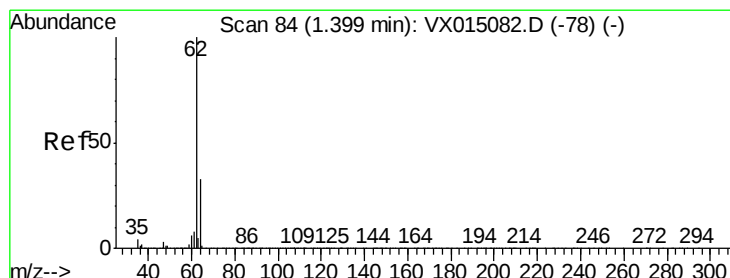
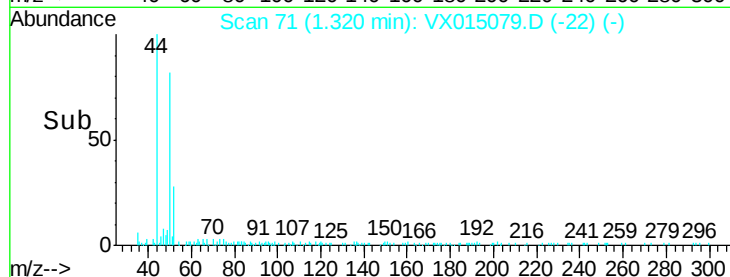
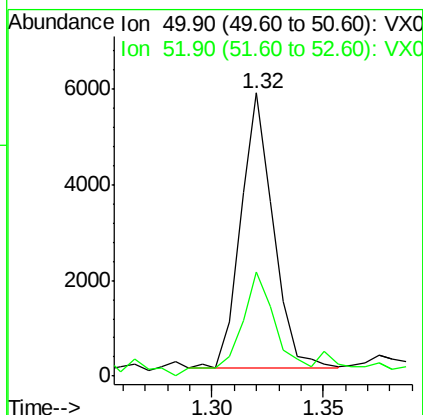
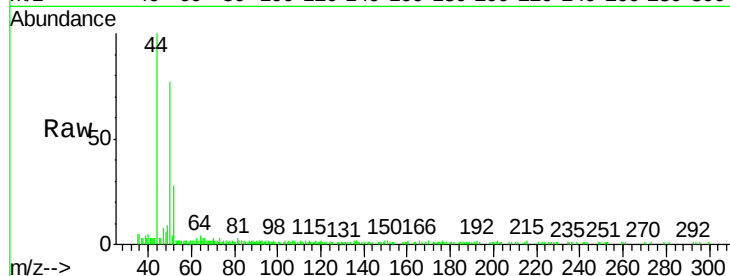
Time-->



#3
Chloromethane
Concen: 1.12 ug/l
RT: 1.32 min Scan# 71
Delta R.T. 0.00 min
Lab File: VX015079.D
Acq: 04 Mar 2020 08:39

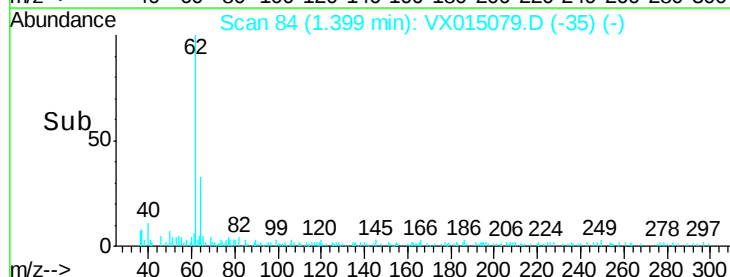
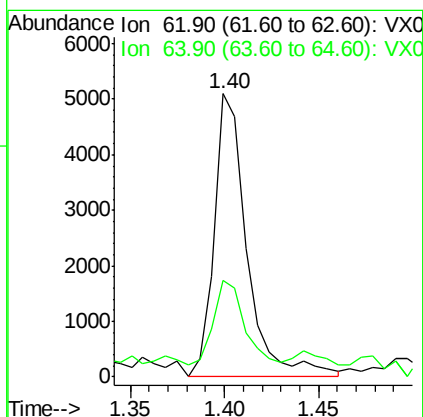
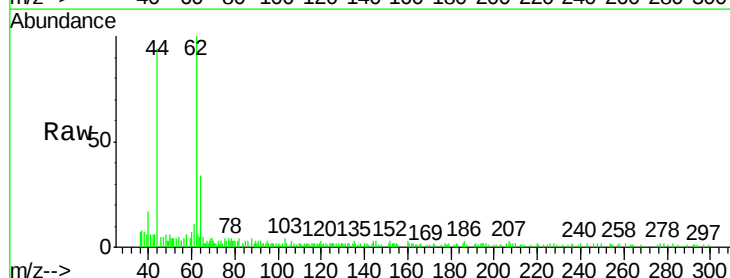
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion: 50 Resp: 5836
Ion Ratio Lower Upper
50 100
52 34.5 26.2 39.2



#4
Vinyl Chloride
Concen: 1.16 ug/l
RT: 1.40 min Scan# 84
Delta R.T. 0.00 min
Lab File: VX015079.D
Acq: 04 Mar 2020 08:39

Tgt Ion: 62 Resp: 6150
Ion Ratio Lower Upper
62 100
64 30.6 26.1 39.1





#5

Bromomethane

Concen: 1.39 ug/l

RT: 1.65 min Scan# 125

Delta R.T. 0.01 min

Lab File: VX015079.D

Acq: 04 Mar 2020 08:39

Instrument :

MSVOA_X

ClientSampleId :

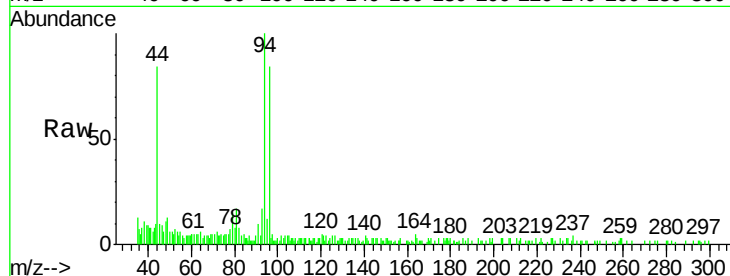
VSTDIC001

Tgt Ion: 94 Resp: 4516

Ion Ratio Lower Upper

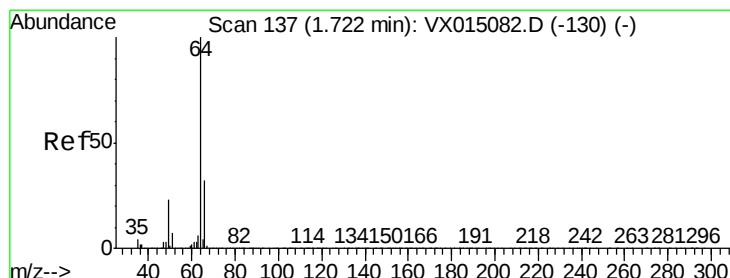
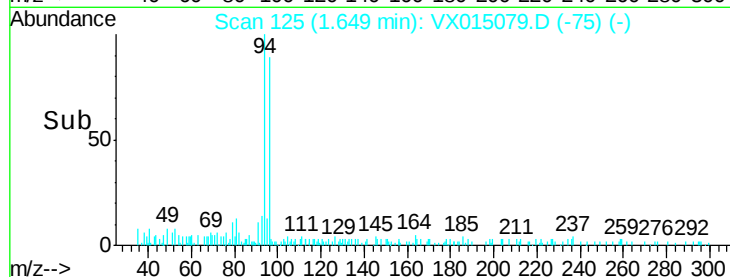
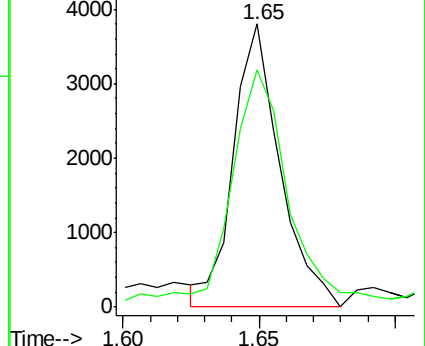
94 100

96 79.3 74.6 111.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 1.11 ug/l

RT: 1.72 min Scan# 137

Delta R.T. 0.00 min

Lab File: VX015079.D

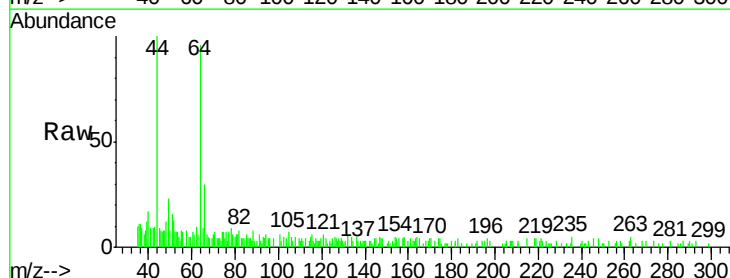
Acq: 04 Mar 2020 08:39

Tgt Ion: 64 Resp: 3503

Ion Ratio Lower Upper

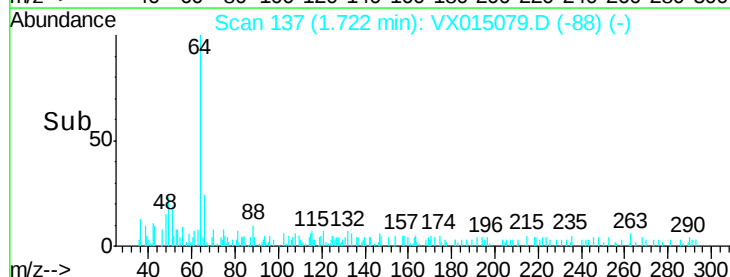
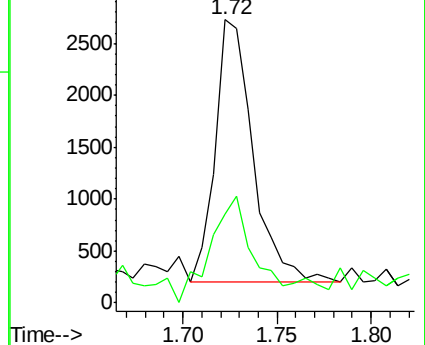
64 100

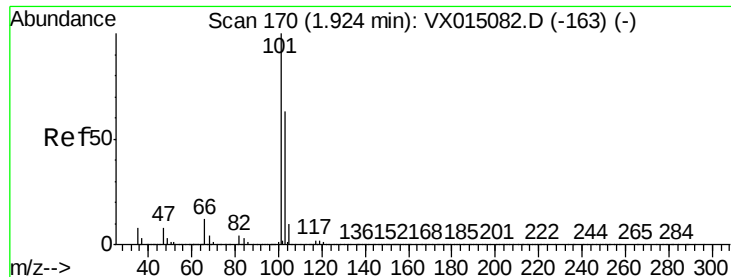
66 20.4 25.8 38.8#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



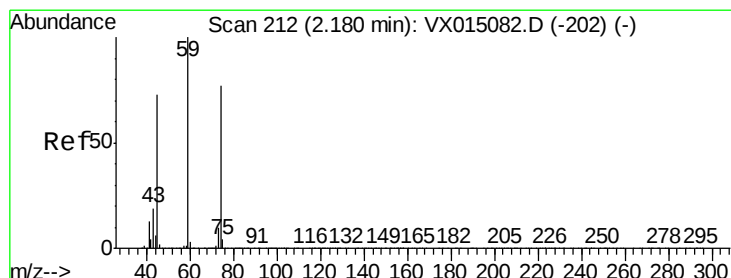
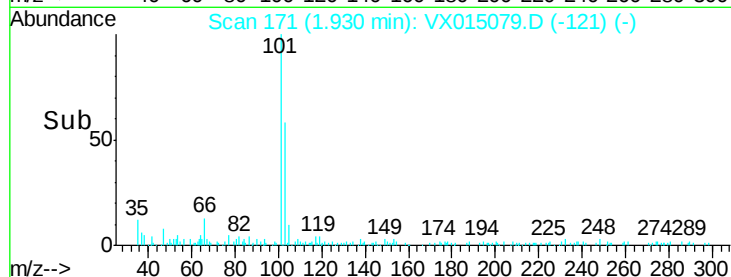
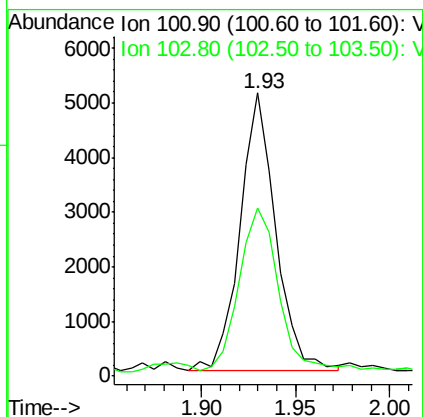
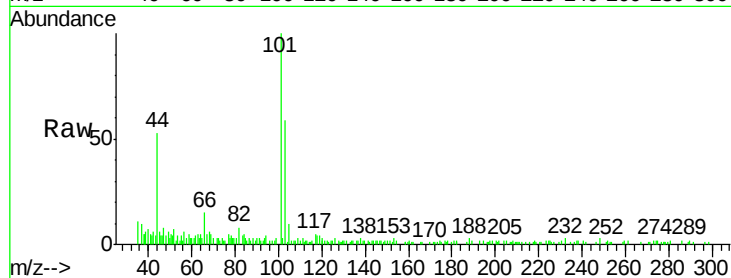


#7

Trichlorofluoromethane
Concen: 1.06 ug/l
RT: 1.93 min Scan# 171
Delta R.T. 0.01 min
Lab File: VX015079.D
Acq: 04 Mar 2020 08:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

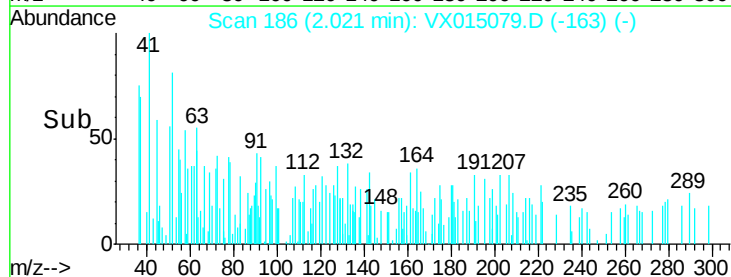
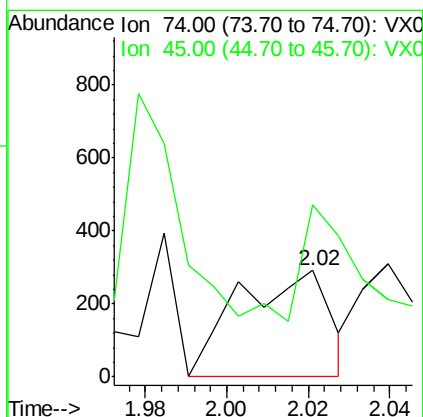
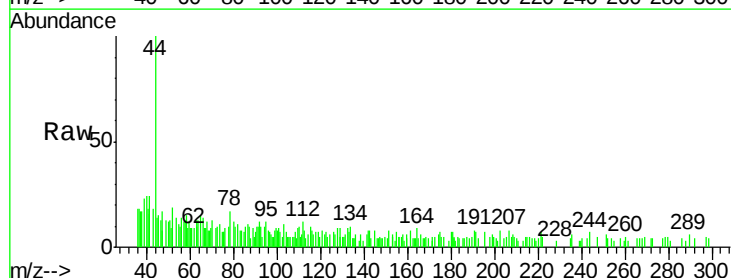
Tgt Ion:101 Resp: 6693
Ion Ratio Lower Upper
101 100
103 56.9 50.4 75.6

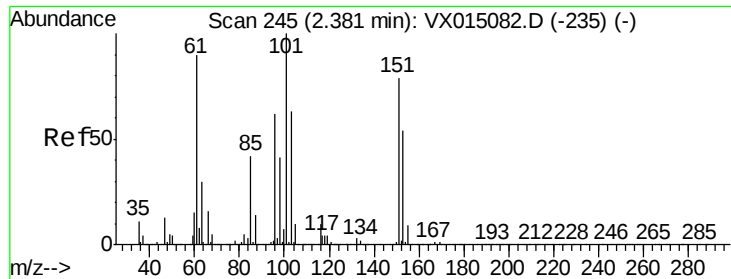


#8

Diethyl Ether
Concen: 0.16 ug/l
RT: 2.02 min Scan# 186
Delta R.T. -0.16 min
Lab File: VX015079.D
Acq: 04 Mar 2020 08:39

Tgt Ion: 74 Resp: 455
Ion Ratio Lower Upper
74 100
45 63.7 49.2 147.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.09 ug/l

RT: 2.38 min Scan# 245

Delta R.T. 0.00 min

Lab File: VX015079.D

Acq: 04 Mar 2020 08:39

Instrument :

MSVOA_X

ClientSampled :

VSTDIC001

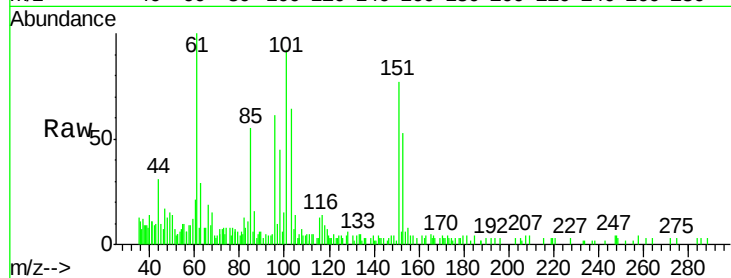
Tgt Ion:101 Resp: 4315

Ion Ratio Lower Upper

101 100

85 54.4 33.7 50.5#

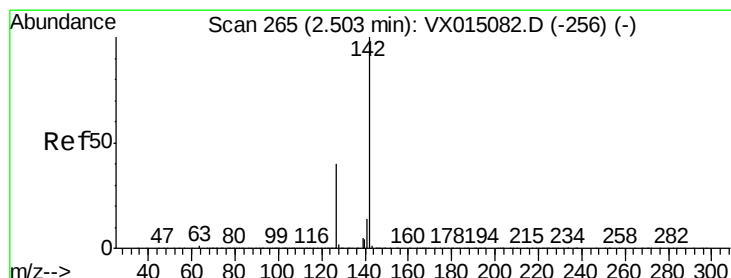
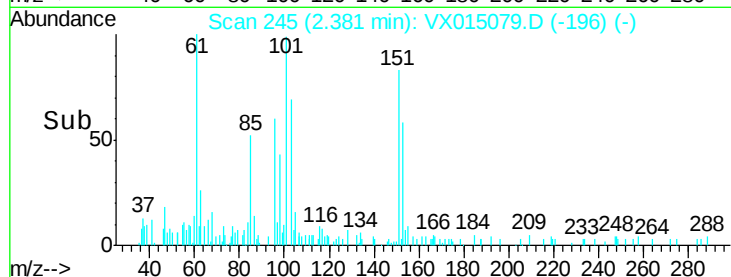
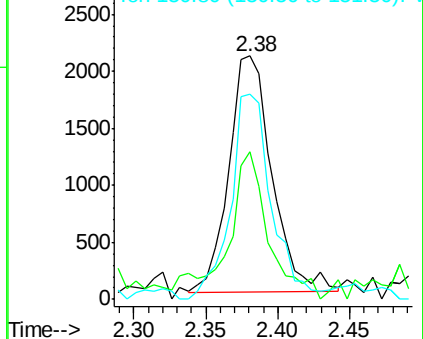
151 82.6 64.0 96.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 0.89 ug/l

RT: 2.51 min Scan# 266

Delta R.T. 0.01 min

Lab File: VX015079.D

Acq: 04 Mar 2020 08:39

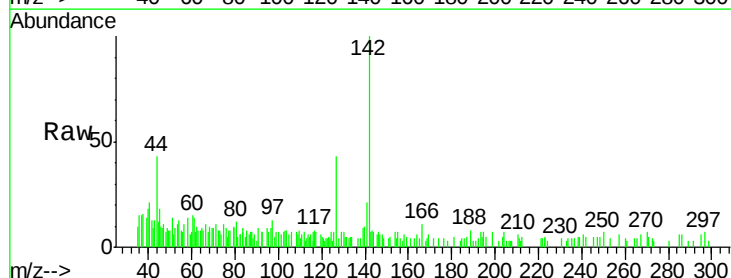
Tgt Ion:142 Resp: 3998

Ion Ratio Lower Upper

142 100

127 48.3 31.7 47.5#

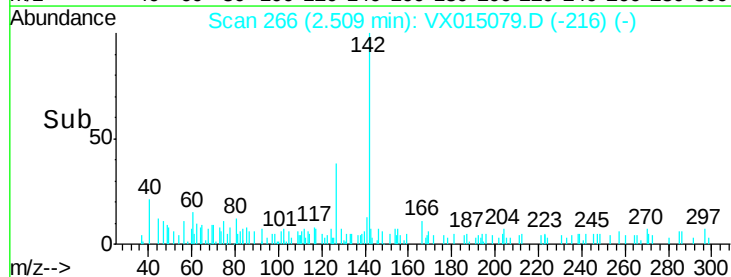
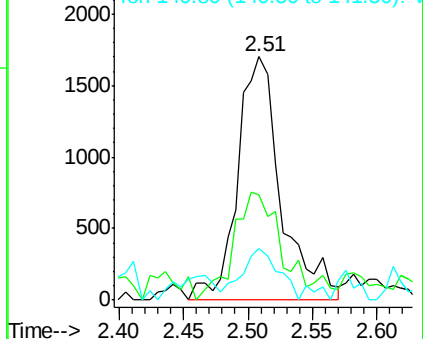
141 17.6 11.3 16.9#

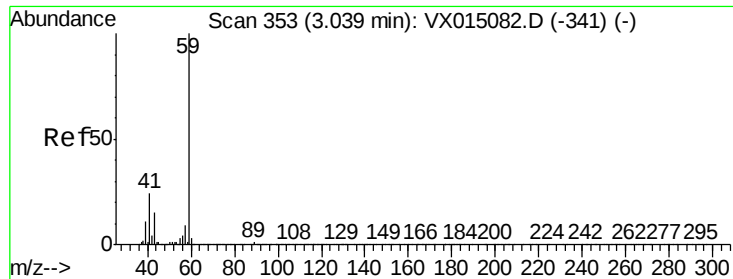


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



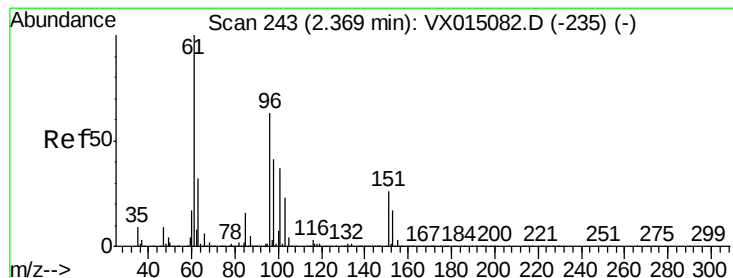
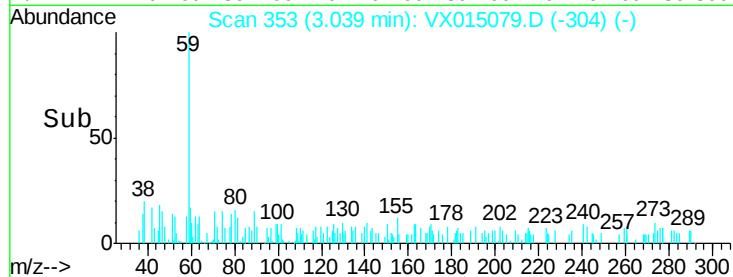
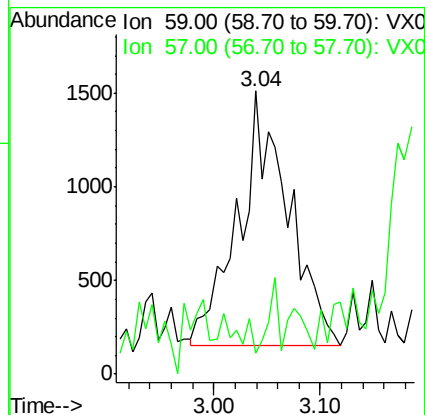
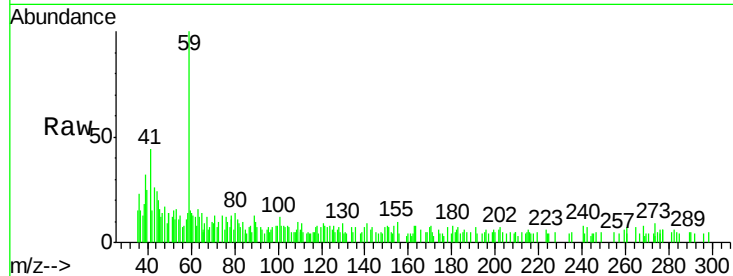


#11

Tert butyl alcohol
Concen: 5.14 ug/l
RT: 3.04 min Scan# 353
Delta R.T. 0.00 min
Lab File: VX015079.D
Acq: 04 Mar 2020 08:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

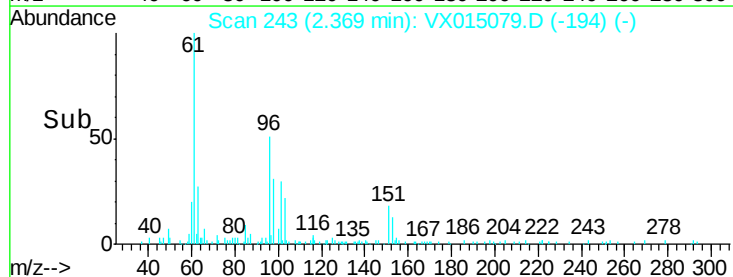
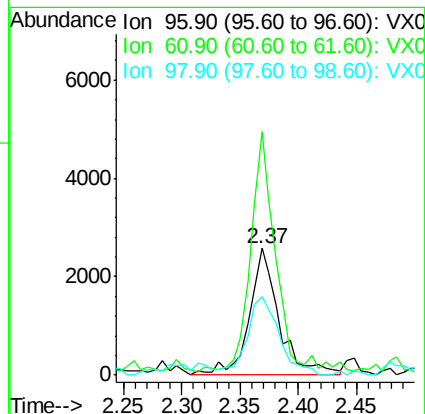
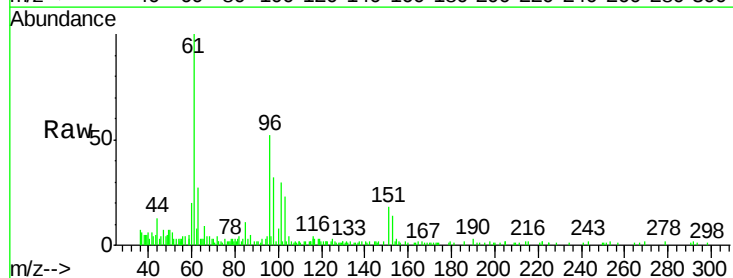
Tgt Ion: 59 Resp: 4445
Ion Ratio Lower Upper
59 100
57 5.3 8.2 12.4#

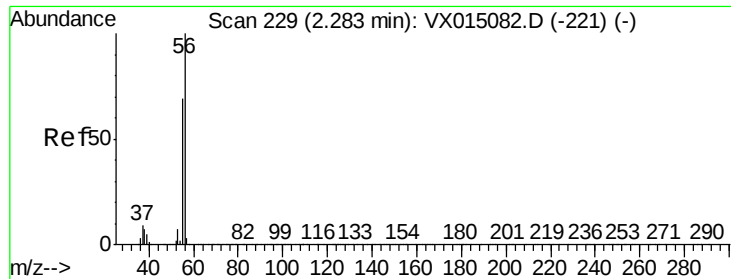


#12

1,1-Dichloroethene
Concen: 1.13 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.00 min
Lab File: VX015079.D
Acq: 04 Mar 2020 08:39

Tgt Ion: 96 Resp: 4608
Ion Ratio Lower Upper
96 100
61 193.8 126.2 189.4#
98 60.6 51.4 77.0

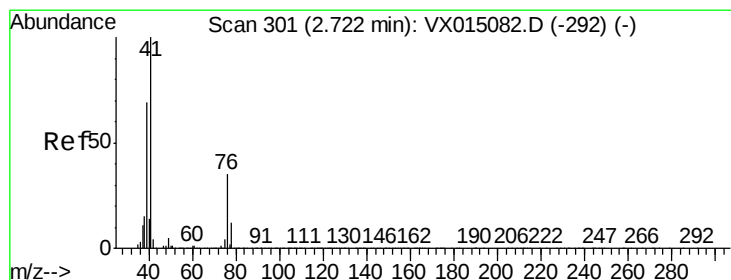
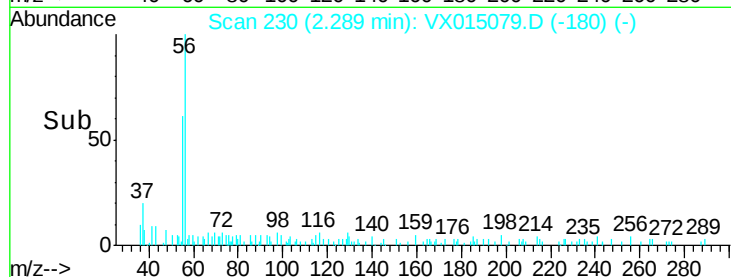
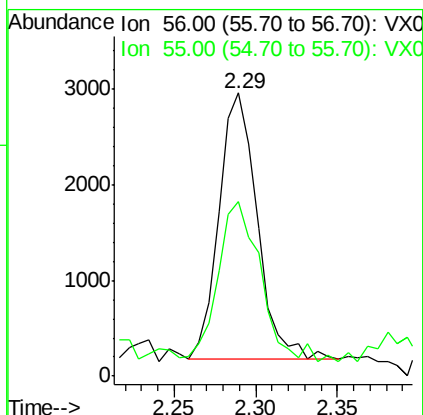
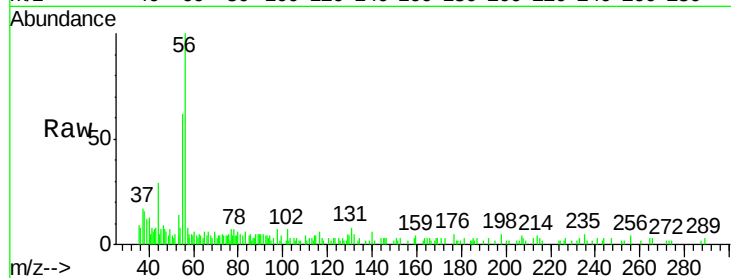




#13
Acrolein
Concen: 5.60 ug/l
RT: 2.29 min Scan# 230
Delta R.T. 0.01 min
Lab File: VX015079.D
Acq: 04 Mar 2020 08:39

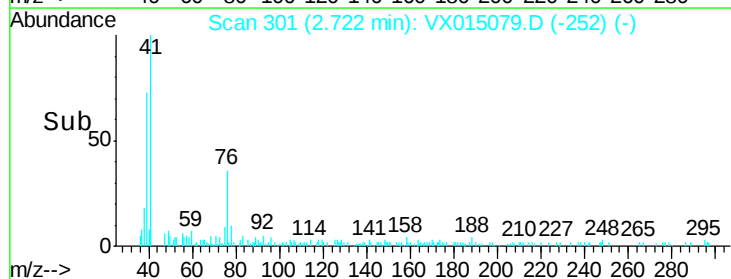
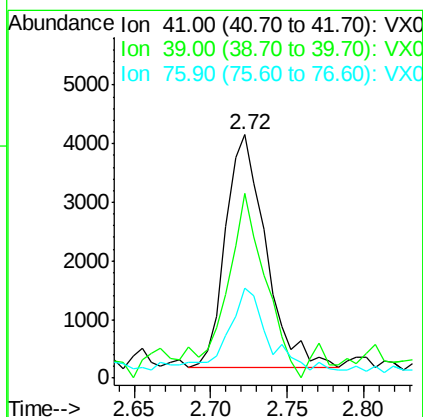
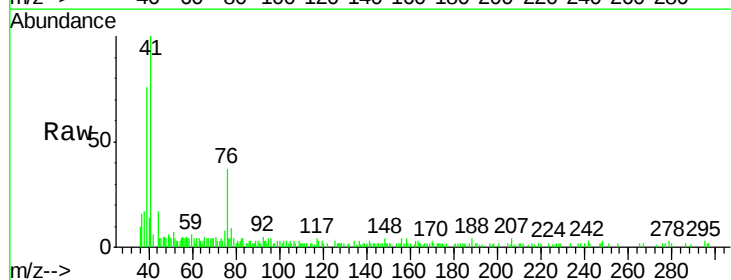
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

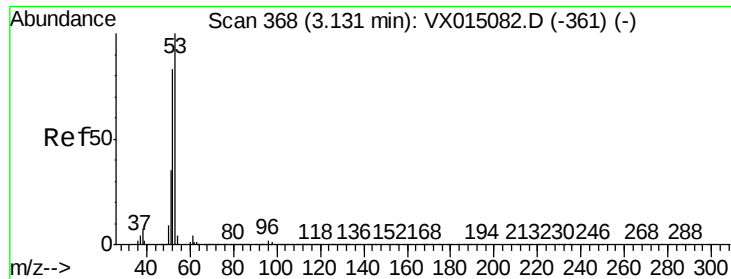
Tgt Ion: 56 Resp: 4546
Ion Ratio Lower Upper
56 100
55 64.9 55.4 83.0



#14
Allyl chloride
Concen: 1.03 ug/l
RT: 2.72 min Scan# 301
Delta R.T. 0.00 min
Lab File: VX015079.D
Acq: 04 Mar 2020 08:39

Tgt Ion: 41 Resp: 7297
Ion Ratio Lower Upper
41 100
39 78.2 52.9 79.3
76 38.6 26.8 40.2

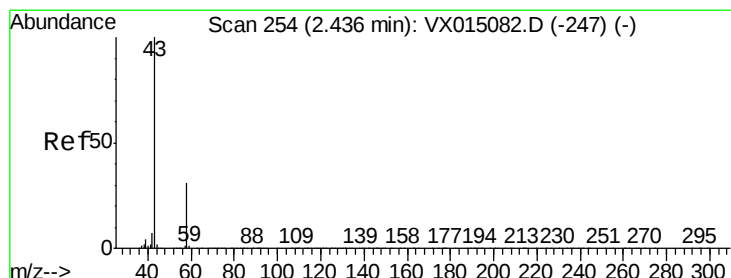
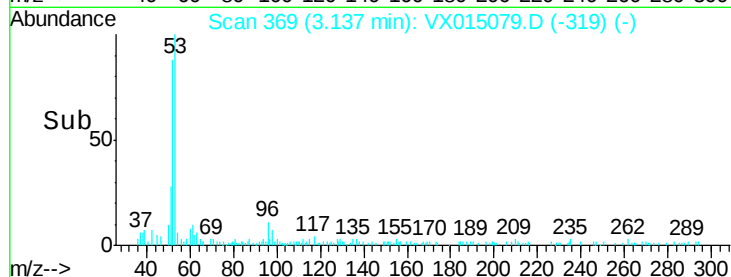
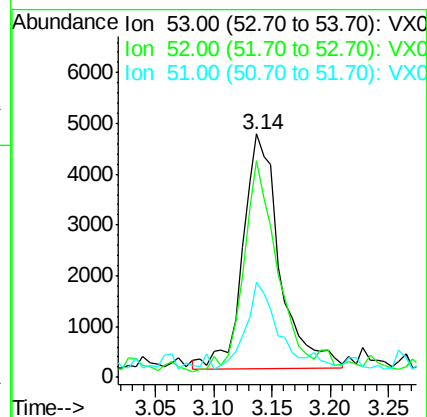
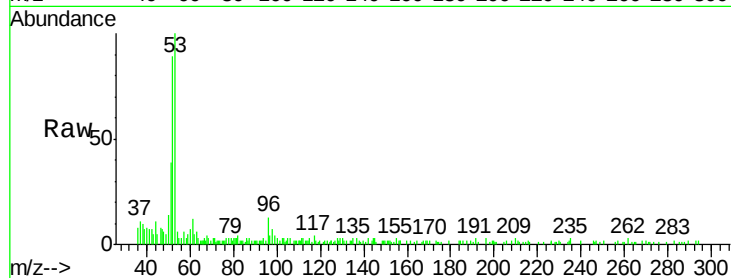




#15
Acrylonitrile
Concen: 4.75 ug/l
RT: 3.14 min Scan# 369
Delta R.T. 0.01 min
Lab File: VX015079.D
Acq: 04 Mar 2020 08:39

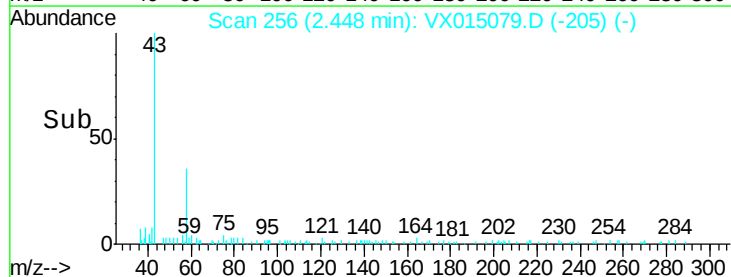
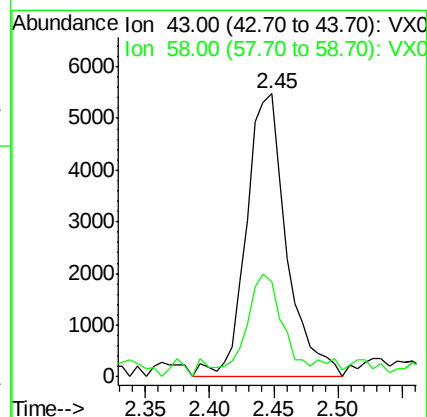
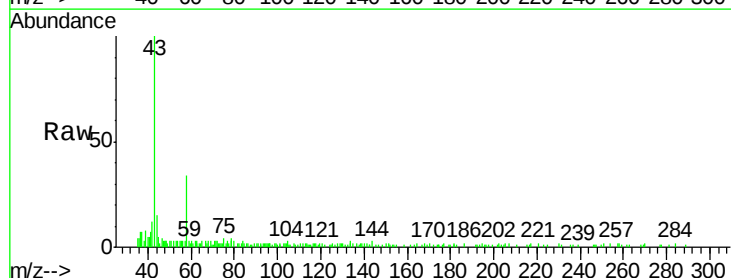
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

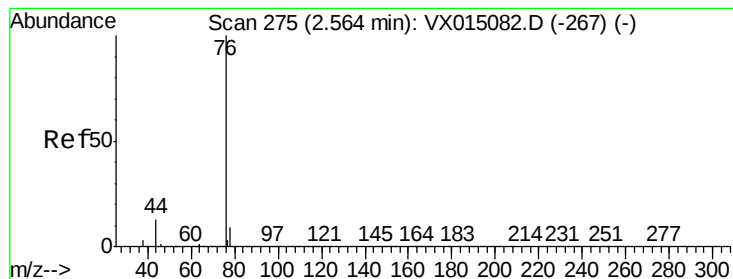
Tgt Ion: 53 Resp: 10231
Ion Ratio Lower Upper
53 100
52 81.5 66.6 100.0
51 34.7 29.0 43.6



#16
Acetone
Concen: 5.85 ug/l
RT: 2.45 min Scan# 256
Delta R.T. 0.01 min
Lab File: VX015079.D
Acq: 04 Mar 2020 08:39

Tgt Ion: 43 Resp: 11795
Ion Ratio Lower Upper
43 100
58 33.6 24.8 37.2





#17

Carbon Disulfide

Concen: 1.07 ug/l

RT: 2.57 min Scan# 276

Delta R.T. 0.01 min

Lab File: VX015079.D

Acq: 04 Mar 2020 08:39

Instrument :

MSVOA_X

ClientSampleId :

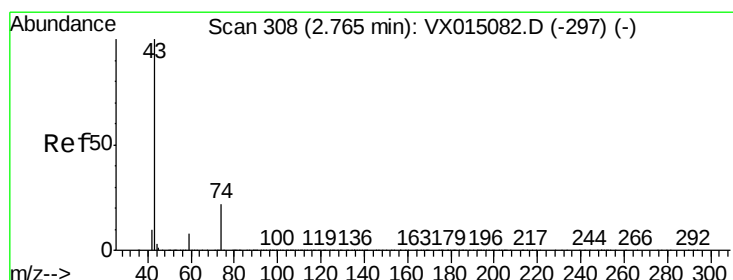
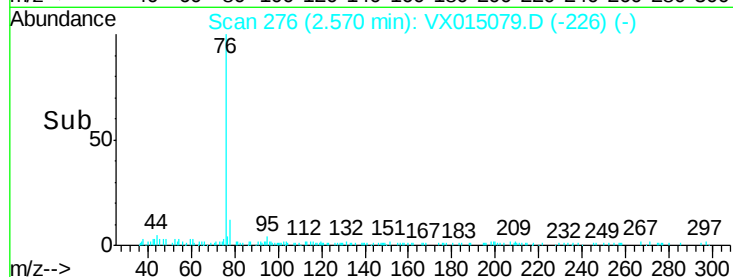
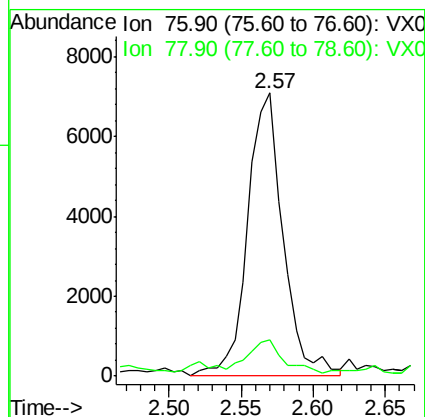
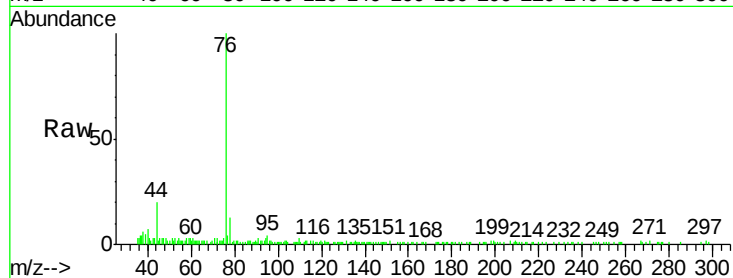
VSTDIC001

Tgt Ion: 76 Resp: 12071

Ion Ratio Lower Upper

76 100

78 10.9 7.3 10.9#



#18

Methyl Acetate

Concen: 1.21 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.00 min

Lab File: VX015079.D

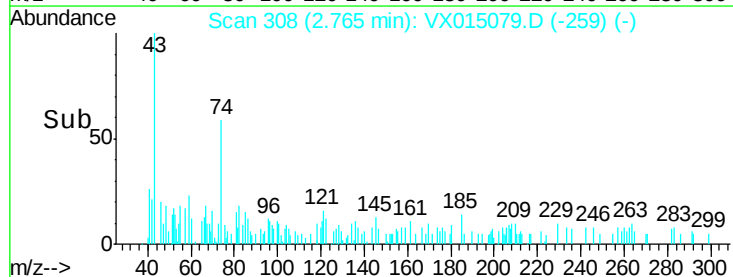
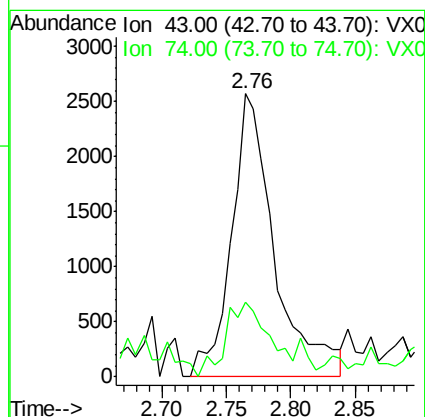
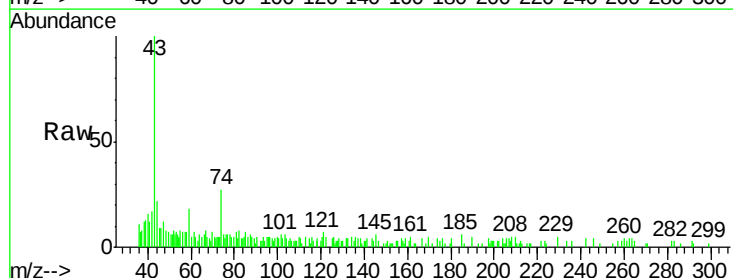
Acq: 04 Mar 2020 08:39

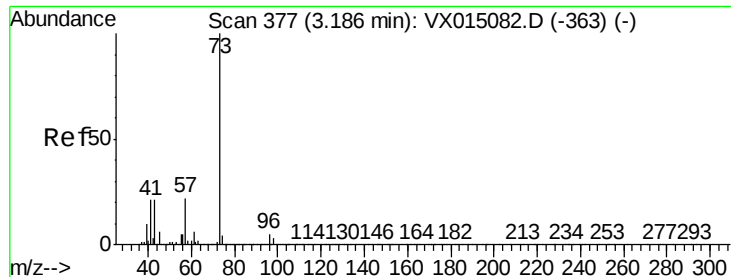
Tgt Ion: 43 Resp: 5970

Ion Ratio Lower Upper

43 100

74 26.9 18.8 28.2

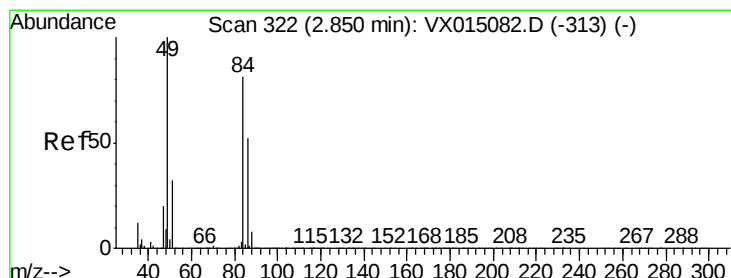
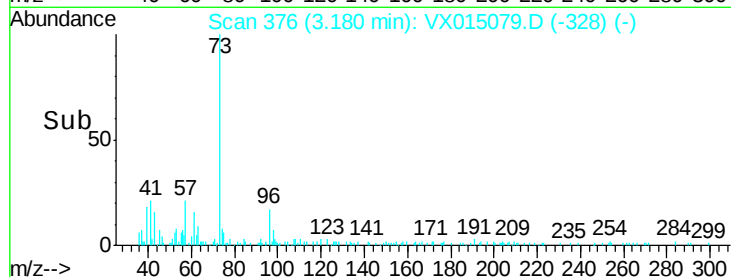
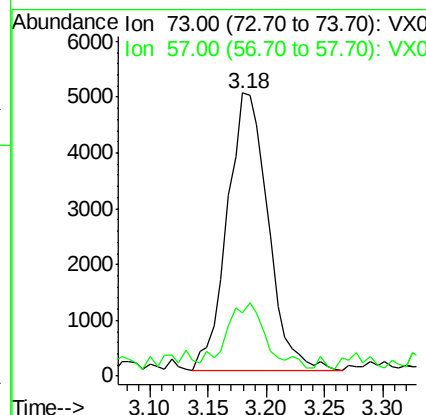
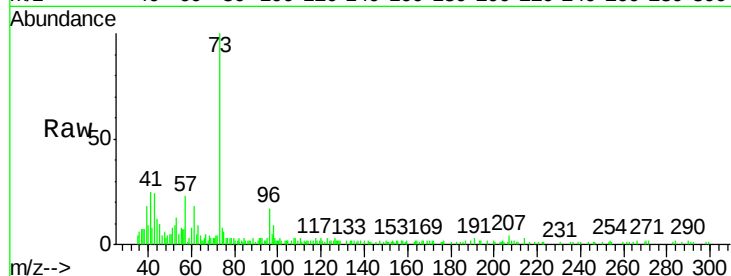




#19
Methyl tert-butyl Ether
Concen: 0.94 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX015079.D
Acq: 04 Mar 2020 08:39

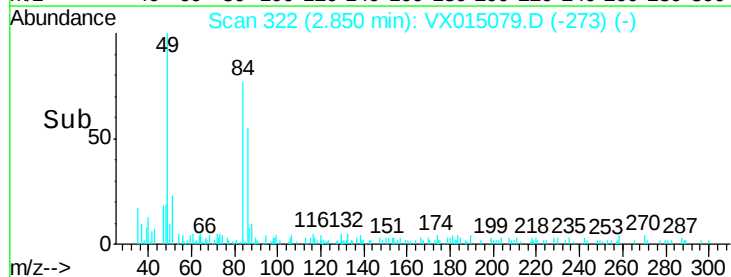
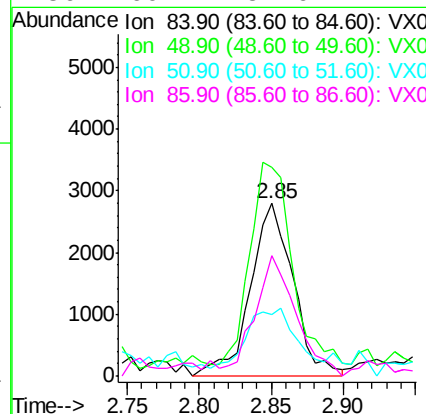
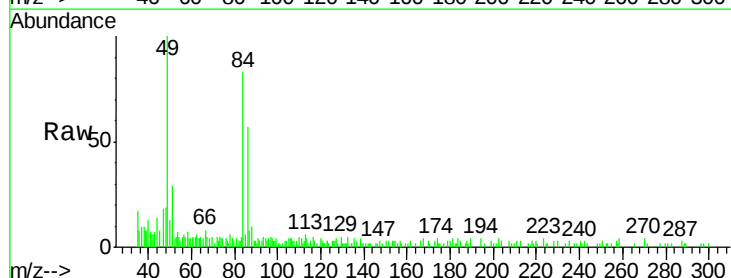
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

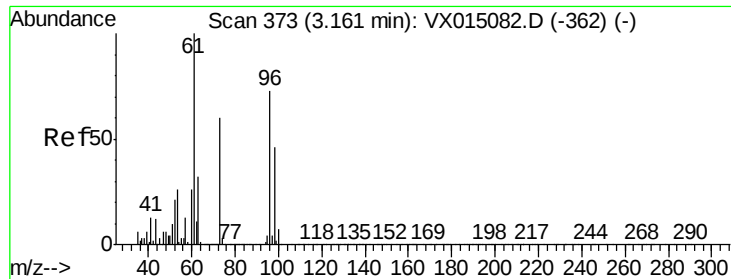
Tgt Ion: 73 Resp: 12042
Ion Ratio Lower Upper
73 100
57 17.5 17.8 26.6#



#20
Methylene Chloride
Concen: 1.21 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX015079.D
Acq: 04 Mar 2020 08:39

Tgt Ion: 84 Resp: 5736
Ion Ratio Lower Upper
84 100
49 113.5 99.4 149.2
51 24.8 31.5 47.3#
86 69.4 51.6 77.4





#21

trans-1,2-Dichloroethene

Concen: 1.04 ug/l

RT: 3.16 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX015079.D

Acq: 04 Mar 2020 08:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

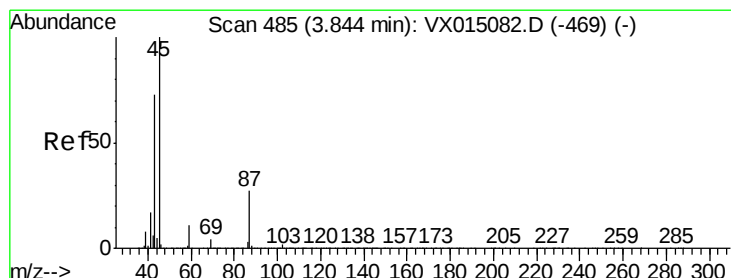
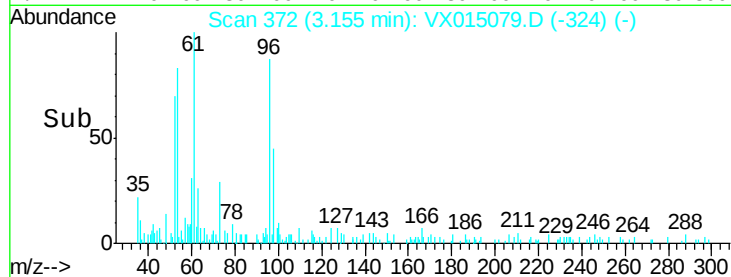
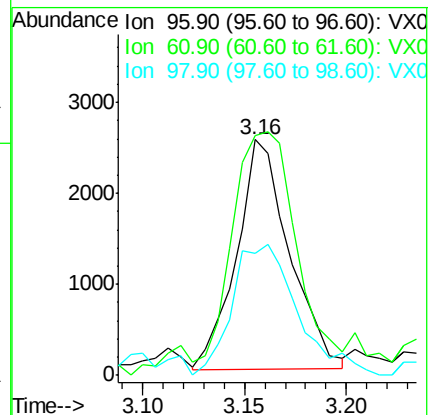
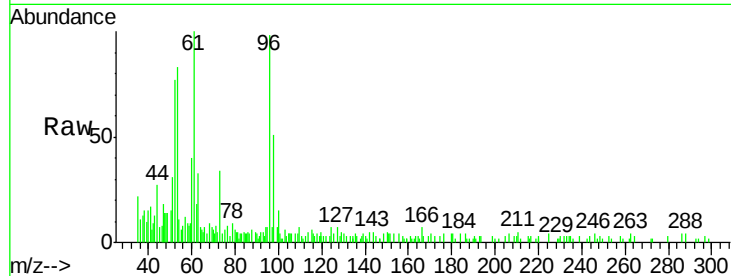
Tgt Ion: 96 Resp: 4553

Ion Ratio Lower Upper

96 100

61 99.2 109.9 164.9#

98 48.6 50.2 75.2#



#22

Diisopropyl ether

Concen: 0.93 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX015079.D

Acq: 04 Mar 2020 08:39

Tgt Ion: 45 Resp: 13127

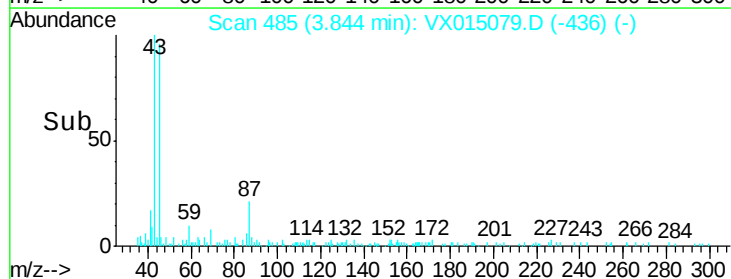
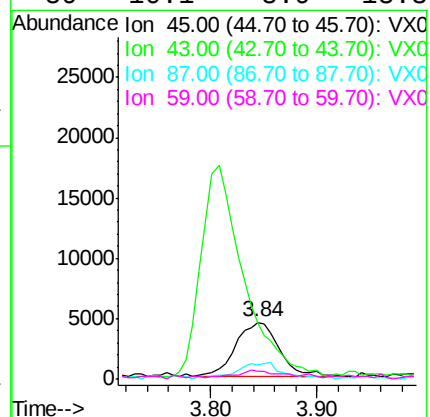
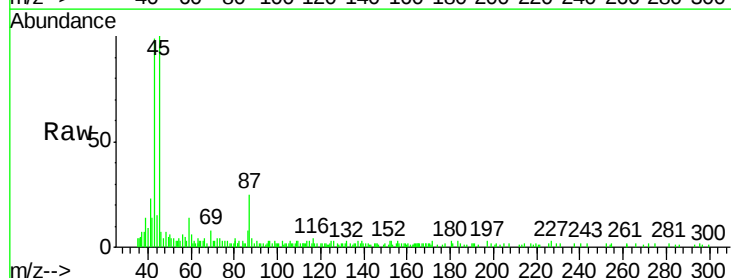
Ion Ratio Lower Upper

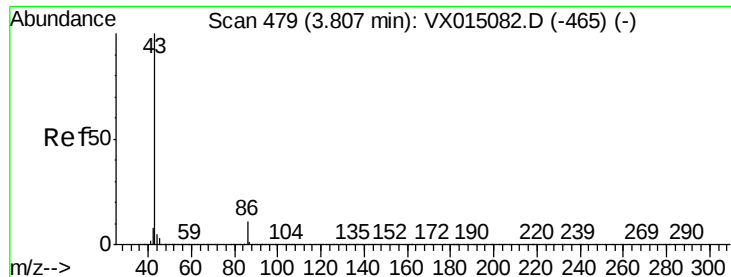
45 100

43 95.0 58.2 87.2#

87 23.7 21.2 31.8

59 10.1 8.9 13.3





#23

Vinyl Acetate

Concen: 4.17 ug/l

RT: 3.81 min Scan# 479

Delta R.T. 0.00 min

Lab File: VX015079.D

Acq: 04 Mar 2020 08:39

Instrument :

MSVOA_X

ClientSampleId :

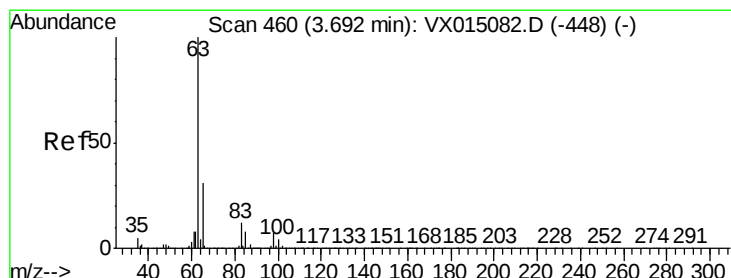
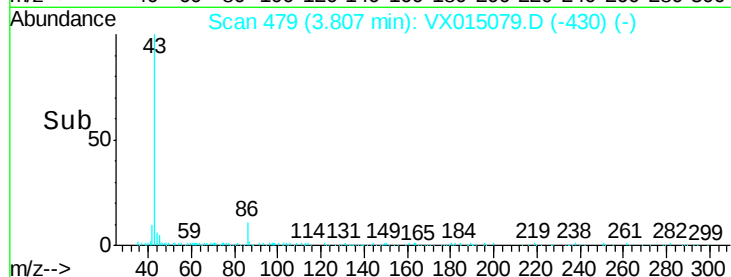
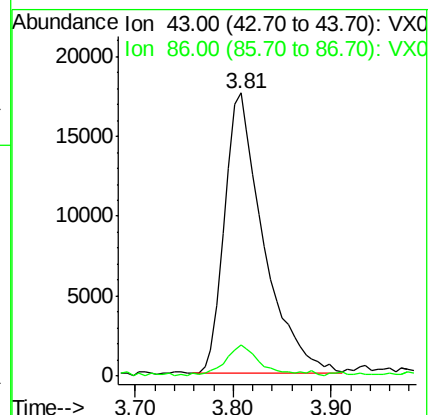
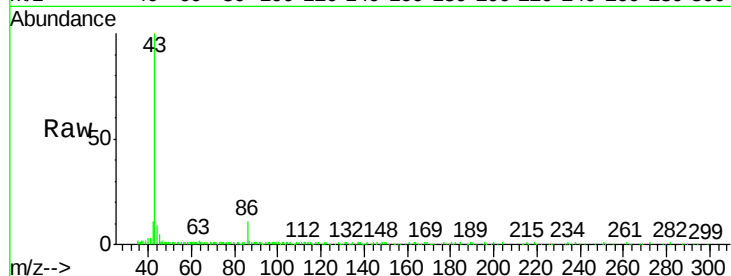
VSTDIC001

Tgt Ion: 43 Resp: 48541

Ion Ratio Lower Upper

43 100

86 9.8 8.6 12.8



#24

1,1-Dichloroethane

Concen: 0.98 ug/l

RT: 3.69 min Scan# 460

Delta R.T. 0.00 min

Lab File: VX015079.D

Acq: 04 Mar 2020 08:39

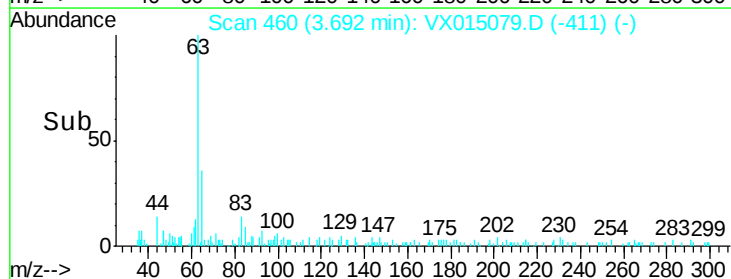
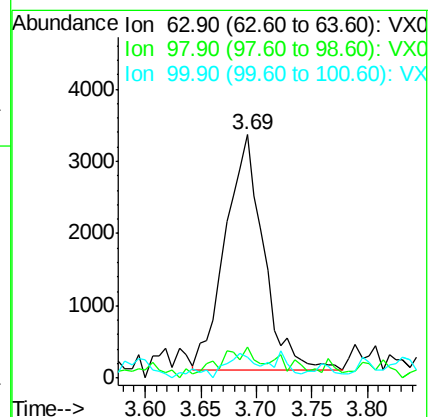
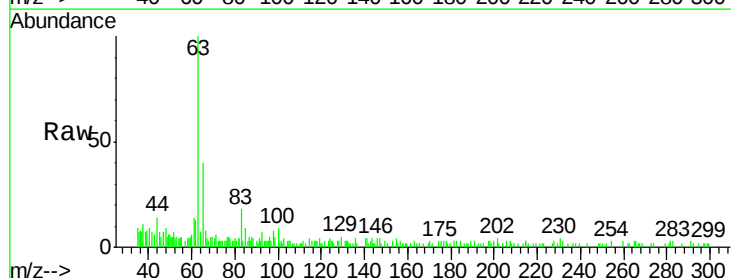
Tgt Ion: 63 Resp: 7727

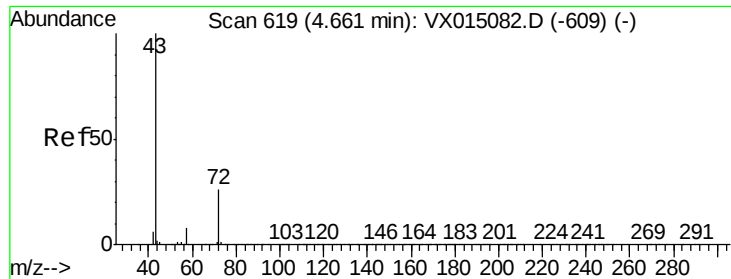
Ion Ratio Lower Upper

63 100

98 11.6 3.7 11.1#

100 7.1 2.1 6.5#





#25

2-Butanone

Concen: 4.55 ug/l

RT: 4.67 min Scan# 621

Delta R.T. 0.01 min

Lab File: VX015079.D

Acq: 04 Mar 2020 08:39

Instrument :

MSVOA_X

ClientSampleId :

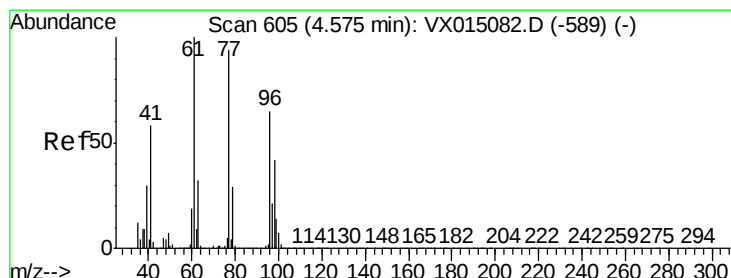
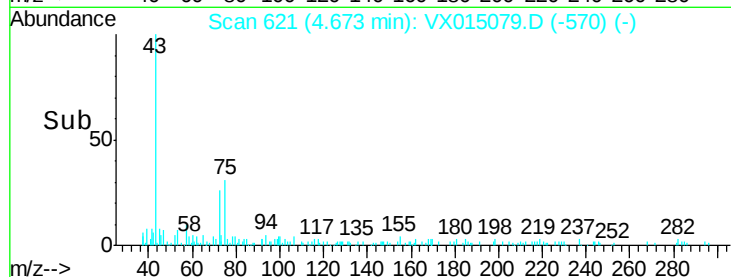
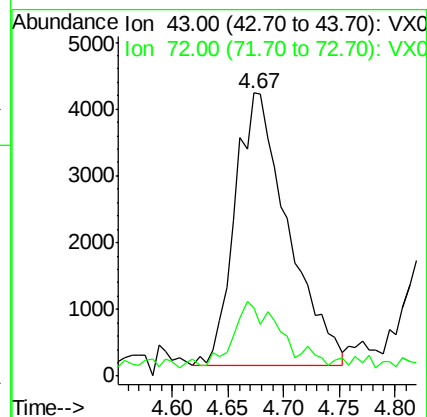
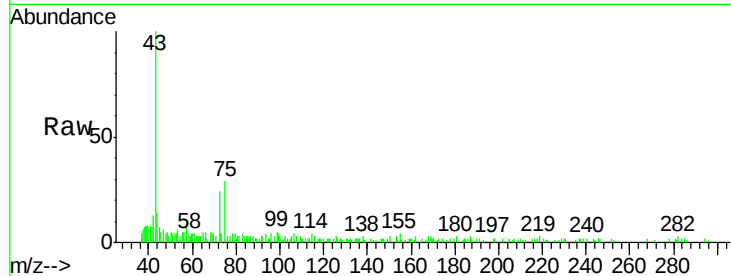
VSTDIC001

Tgt Ion: 43 Resp: 13455

Ion Ratio Lower Upper

43 100

72 19.0 20.6 30.8#



#26

2,2-Dichloropropane

Concen: 1.04 ug/l

RT: 4.56 min Scan# 603

Delta R.T. -0.01 min

Lab File: VX015079.D

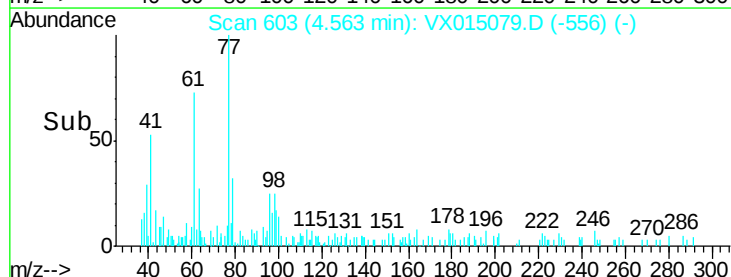
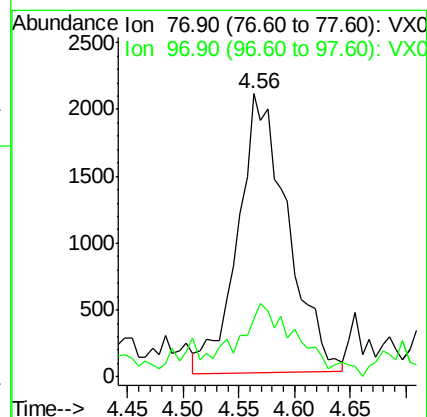
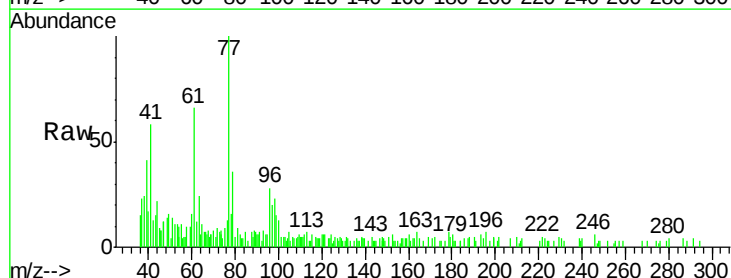
Acq: 04 Mar 2020 08:39

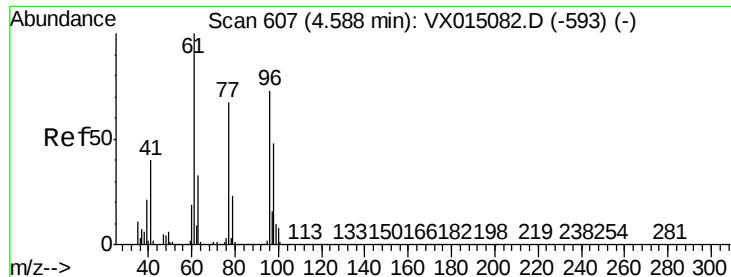
Tgt Ion: 77 Resp: 6473

Ion Ratio Lower Upper

77 100

97 24.7 11.8 35.4





#27

cis-1,2-Dichloroethene

Concen: 1.03 ug/l

RT: 4.58 min Scan# 606

Delta R.T. -0.01 min

Lab File: VX015079.D

Acq: 04 Mar 2020 08:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

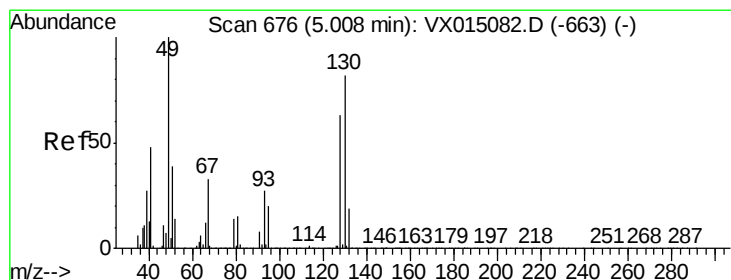
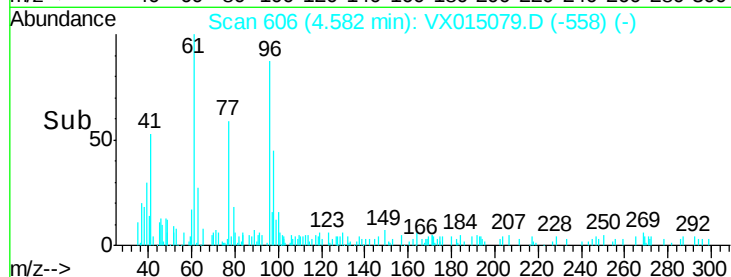
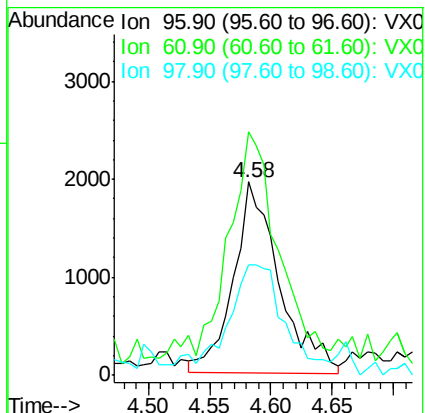
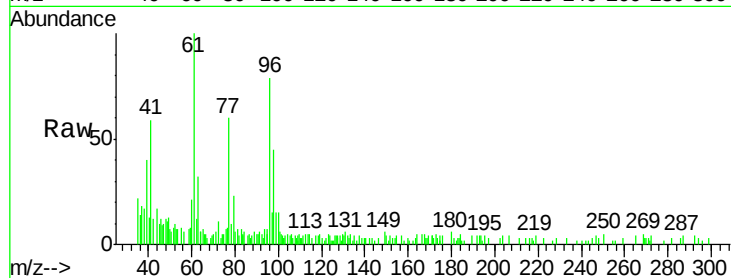
Tgt Ion: 96 Resp: 5053

Ion Ratio Lower Upper

96 100

61 147.2 0.0 286.8

98 67.1 0.0 128.4



#28

Bromochloromethane

Concen: 0.85 ug/l

RT: 5.01 min Scan# 676

Delta R.T. 0.00 min

Lab File: VX015079.D

Acq: 04 Mar 2020 08:39

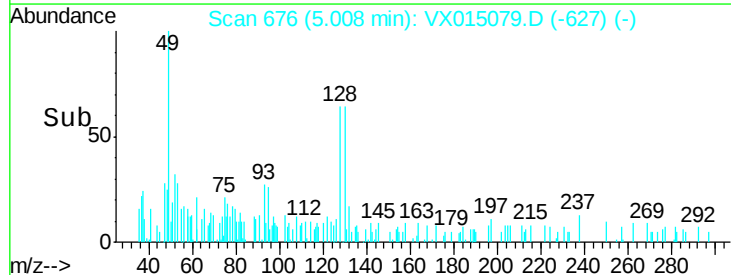
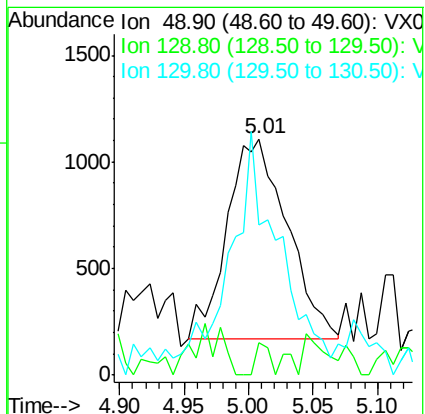
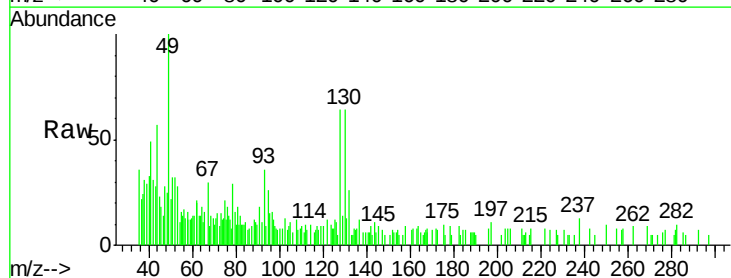
Tgt Ion: 49 Resp: 3036

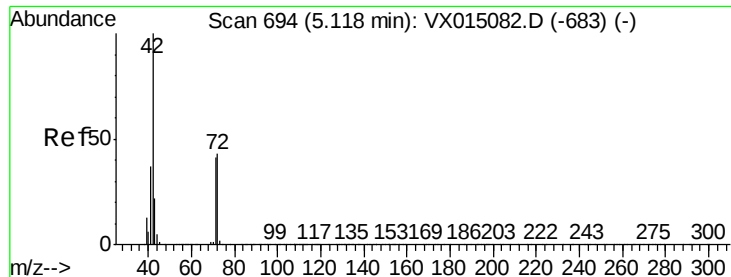
Ion Ratio Lower Upper

49 100

129 3.4 0.0 4.4

130 100.8 65.0 97.6#





#29

Tetrahydrofuran

Concen: 5.12 ug/l

RT: 5.12 min Scan# 695

Delta R.T. 0.01 min

Lab File: VX015079.D

Acq: 04 Mar 2020 08:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

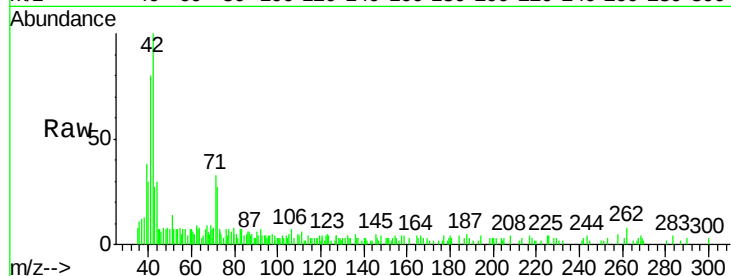
Tgt Ion: 42 Resp: 9754

Ion Ratio Lower Upper

42 100

72 40.3 36.4 54.6

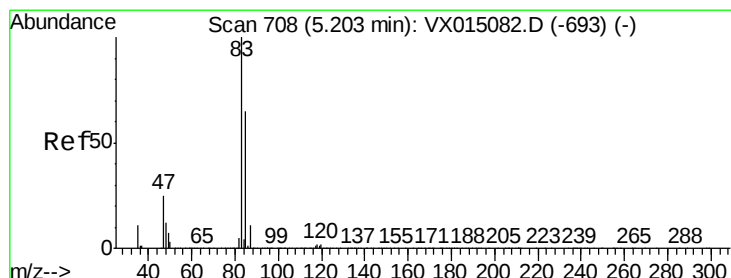
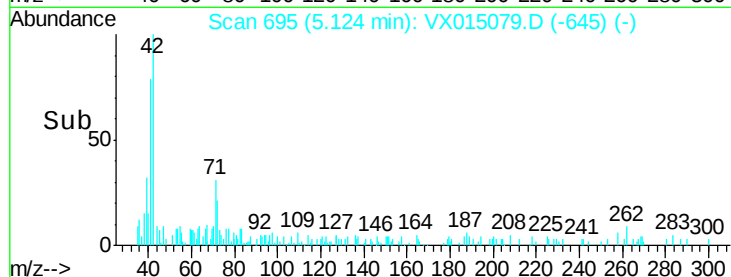
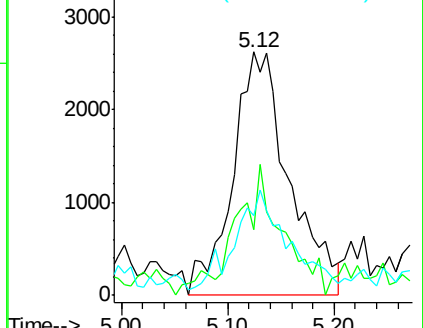
71 29.4 33.3 49.9#



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 1.00 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.01 min

Lab File: VX015079.D

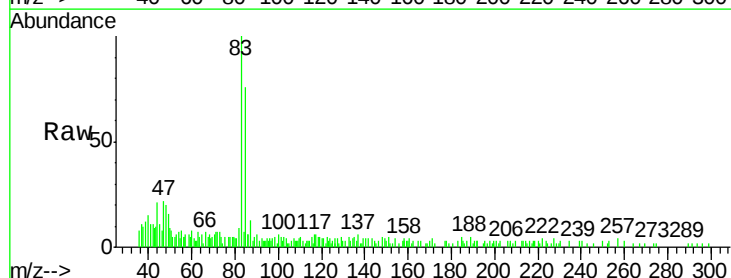
Acq: 04 Mar 2020 08:39

Tgt Ion: 83 Resp: 7702

Ion Ratio Lower Upper

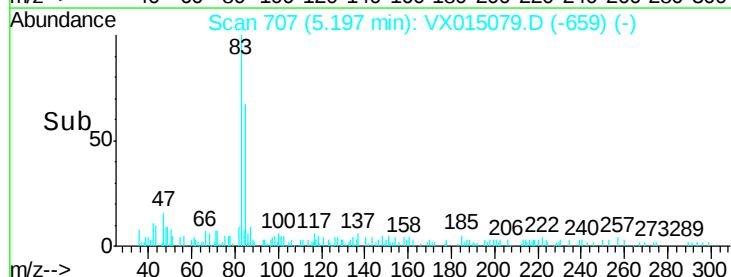
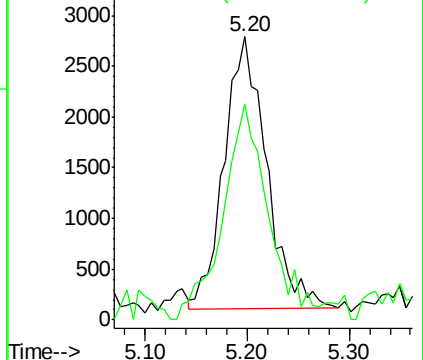
83 100

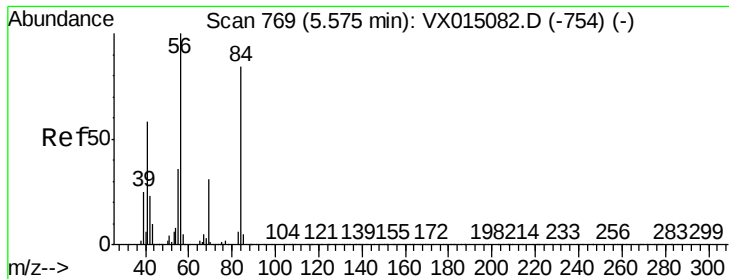
85 73.9 52.0 78.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

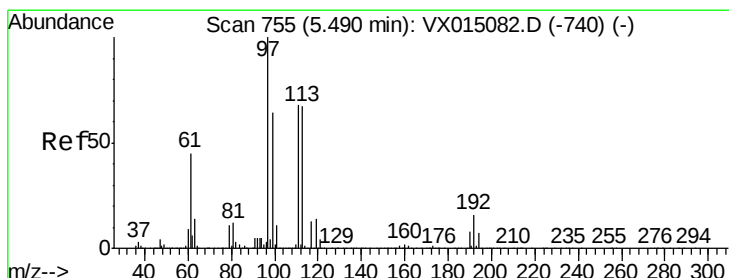
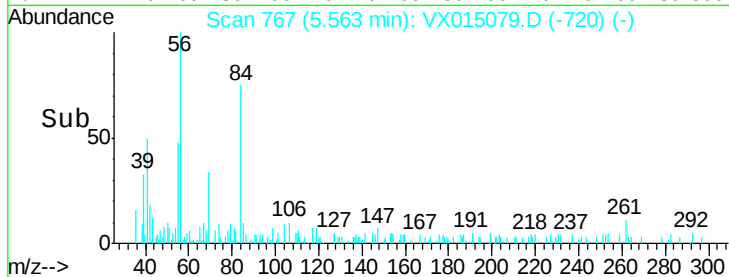
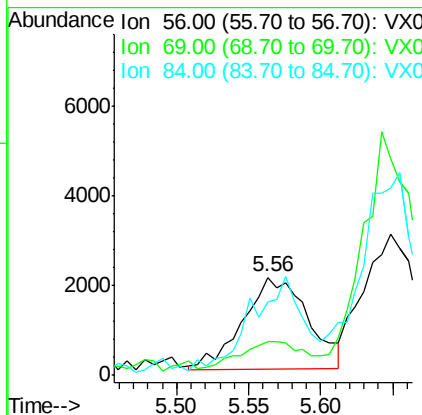
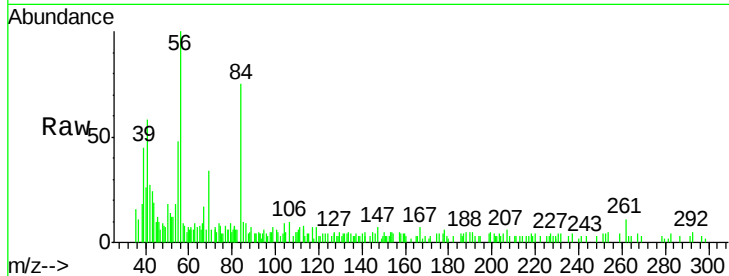




#31
Cyclohexane
Concen: 0.92 ug/l
RT: 5.56 min Scan# 767
Delta R.T. -0.01 min
Lab File: VX015079.D
Acq: 04 Mar 2020 08:39

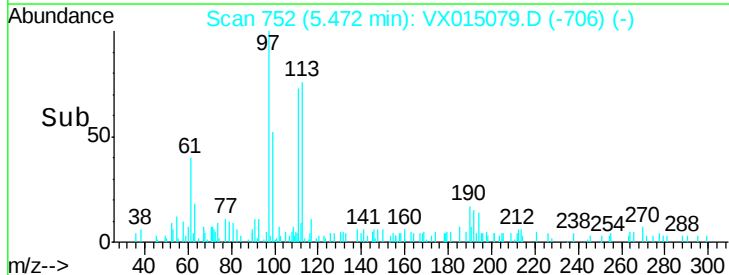
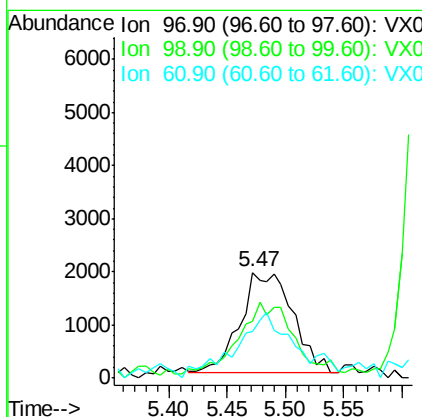
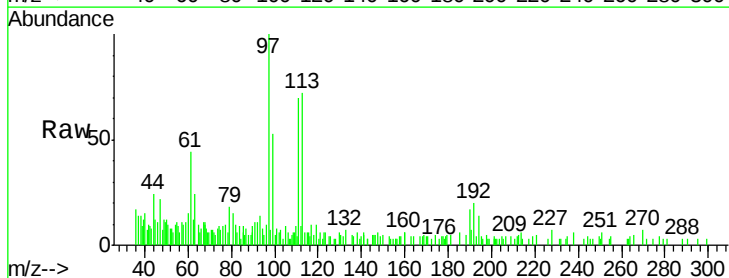
Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

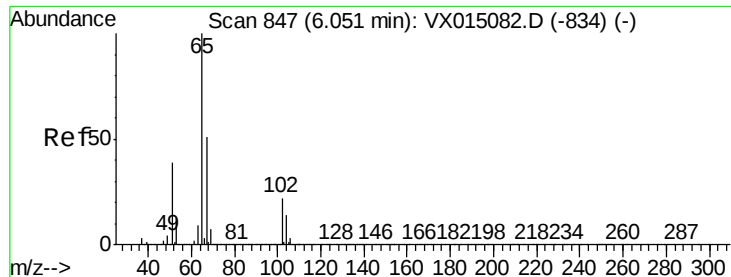
Tgt Ion: 56 Resp: 6472
Ion Ratio Lower Upper
56 100
69 21.7 25.0 37.6#
84 78.2 67.6 101.4



#32
1,1,1-Trichloroethane
Concen: 0.93 ug/l
RT: 5.47 min Scan# 752
Delta R.T. -0.02 min
Lab File: VX015079.D
Acq: 04 Mar 2020 08:39

Tgt Ion: 97 Resp: 5930
Ion Ratio Lower Upper
97 100
99 0.0 52.8 79.2#
61 66.1 36.6 54.8#





#33

1,2-Dichloroethane-d4

Concen: 1.77 ug/l

RT: 6.06 min Scan# 848

Delta R.T. 0.01 min

Lab File: VX015079.D

Acq: 04 Mar 2020 08:39

Instrument :

MSVOA_X

ClientSampleId :

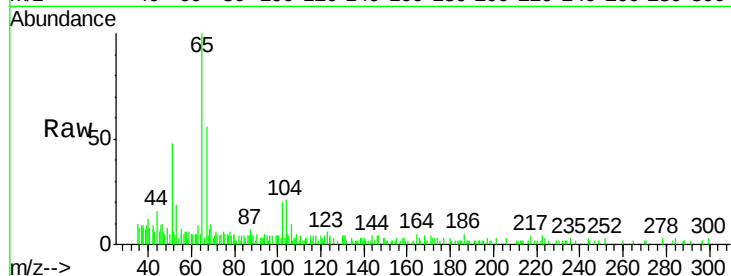
VSTDIC001

Tgt Ion: 65 Resp: 8803

Ion Ratio Lower Upper

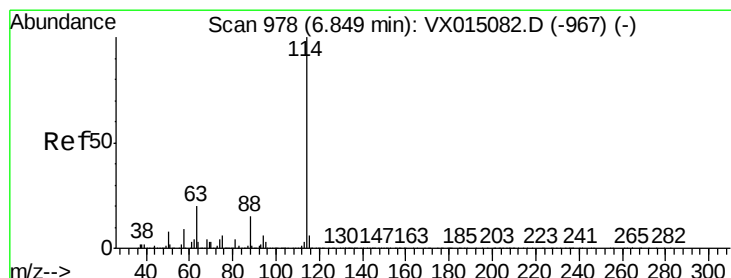
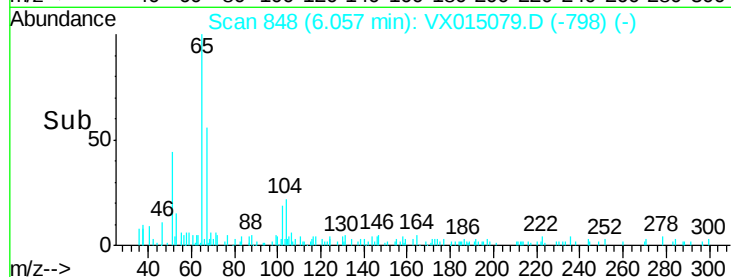
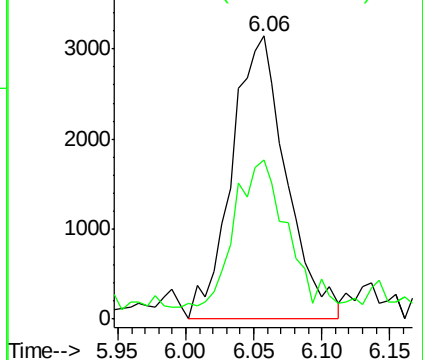
65 100

67 49.9 0.0 105.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX015079.D

Acq: 04 Mar 2020 08:39

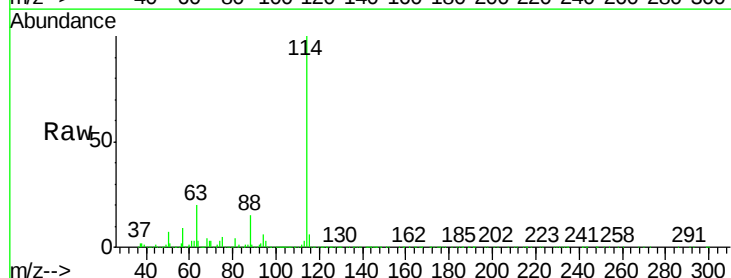
Tgt Ion: 114 Resp: 636369

Ion Ratio Lower Upper

114 100

63 19.5 0.0 40.0

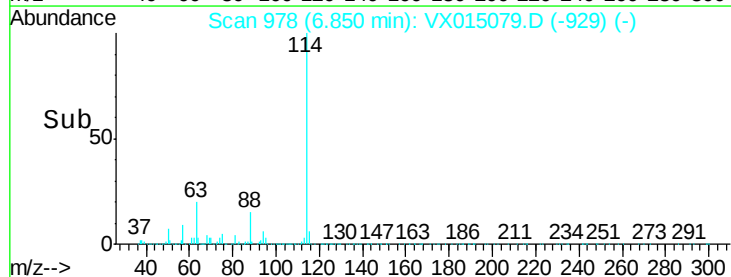
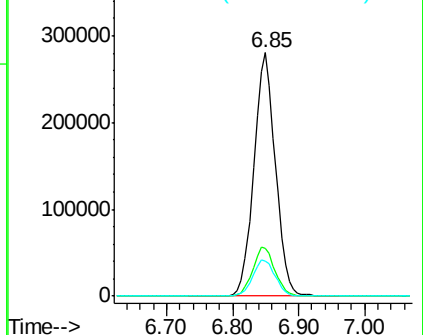
88 14.6 0.0 30.6

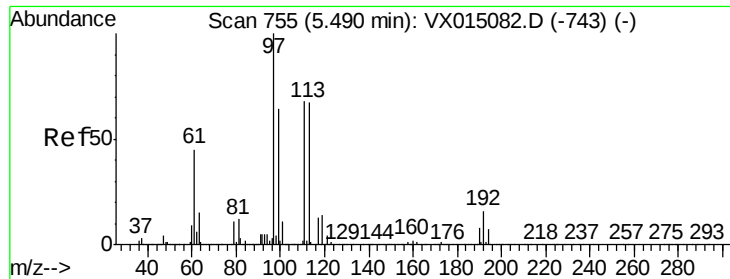


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

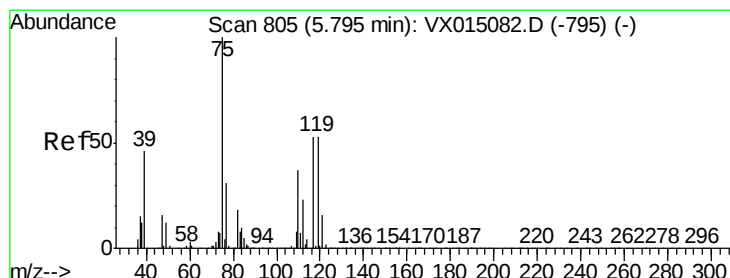
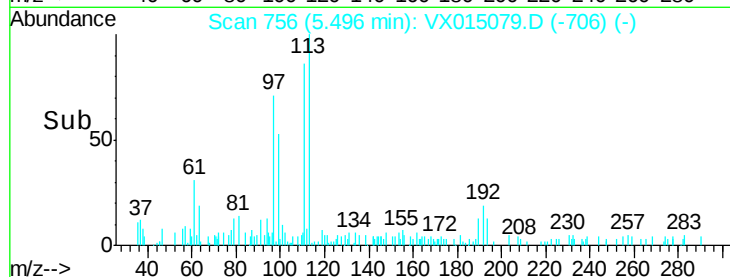
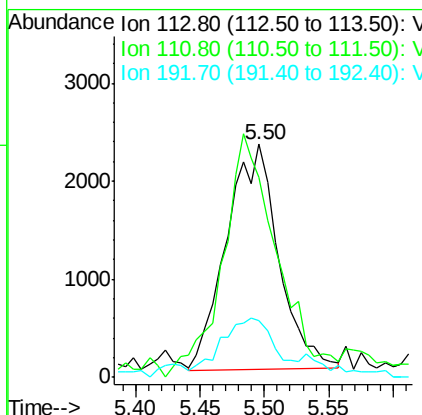
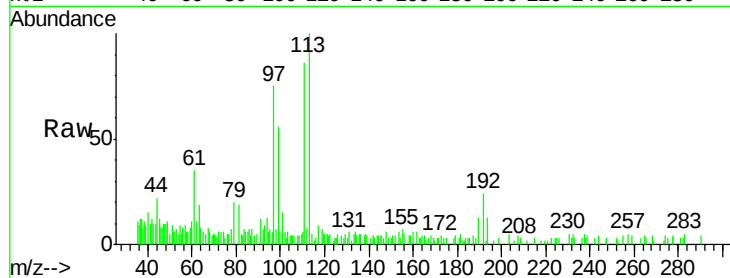




#35
 Dibromofluoromethane
 Concen: 1.61 ug/l
 RT: 5.50 min Scan# 756
 Delta R.T. 0.01 min
 Lab File: VX015079.D
 Acq: 04 Mar 2020 08:39

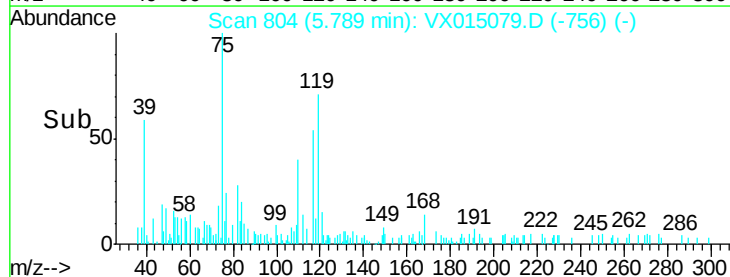
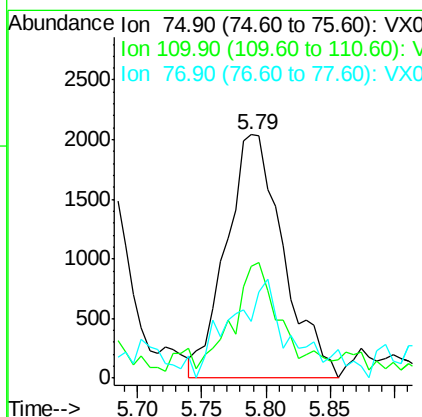
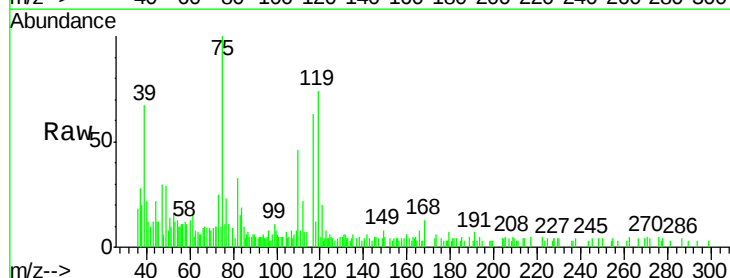
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

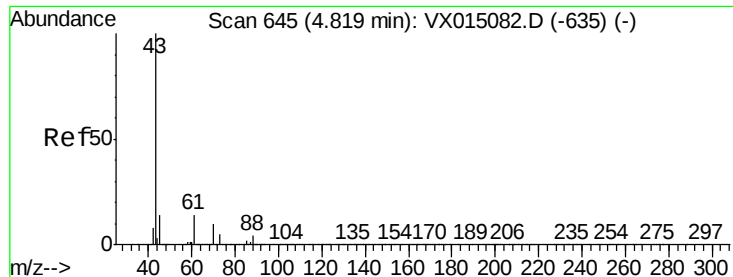
Tgt Ion: 113 Resp: 6449
 Ion Ratio Lower Upper
 113 100
 111 113.0 82.6 123.8
 192 22.0 18.6 28.0



#36
 1,1-Dichloropropene
 Concen: 1.07 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: VX015079.D
 Acq: 04 Mar 2020 08:39

Tgt Ion: 75 Resp: 6310
 Ion Ratio Lower Upper
 75 100
 110 34.4 17.9 53.8
 77 40.1 24.8 37.2#

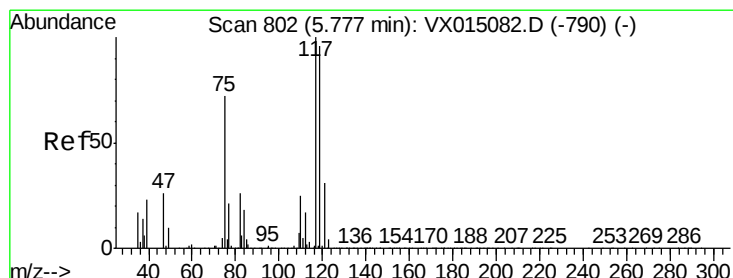
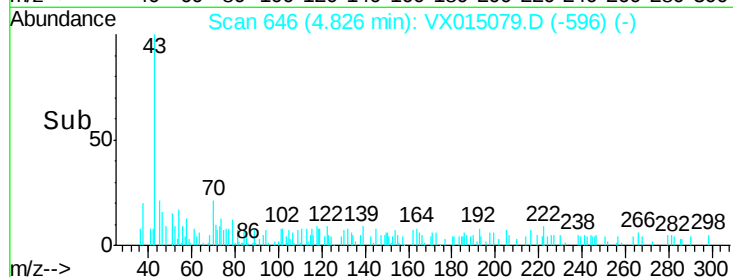
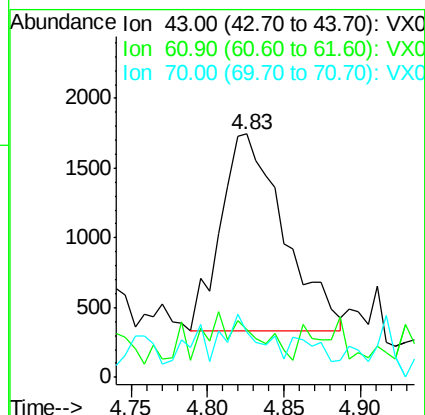
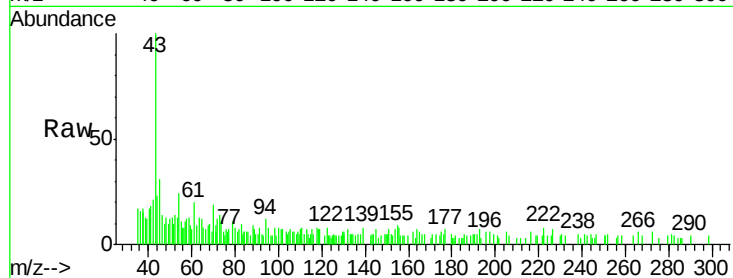




#37
Ethyl Acetate
Concen: 0.74 ug/l
RT: 4.83 min Scan# 646
Delta R.T. 0.01 min
Lab File: VX015079.D
Acq: 04 Mar 2020 08:39

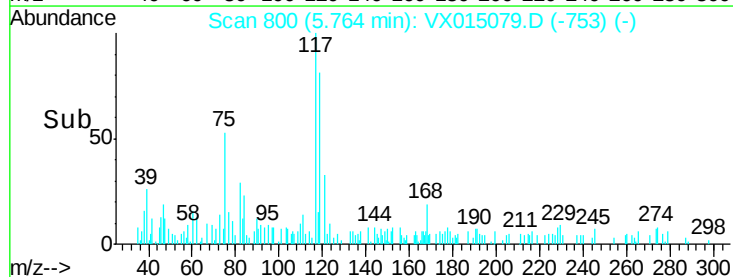
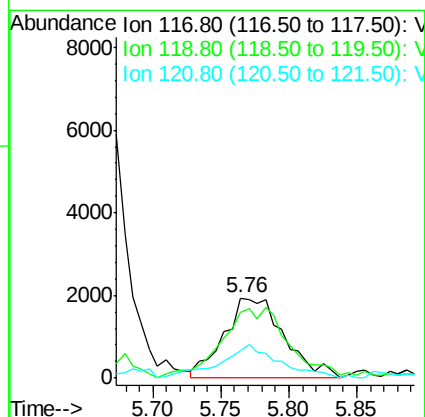
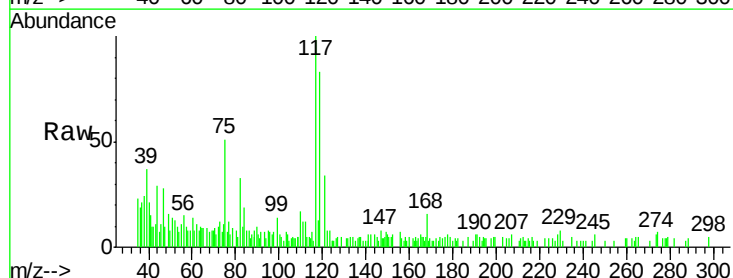
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

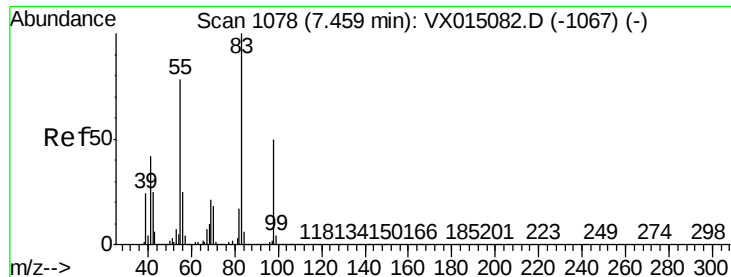
Tgt Ion: 43 Resp: 4053
Ion Ratio Lower Upper
43 100
61 0.0 11.0 16.4#
70 12.5 8.1 12.1#



#38
Carbon Tetrachloride
Concen: 1.07 ug/l
RT: 5.76 min Scan# 800
Delta R.T. -0.01 min
Lab File: VX015079.D
Acq: 04 Mar 2020 08:39

Tgt Ion: 117 Resp: 5958
Ion Ratio Lower Upper
117 100
119 78.6 76.9 115.3
121 34.0 24.6 37.0

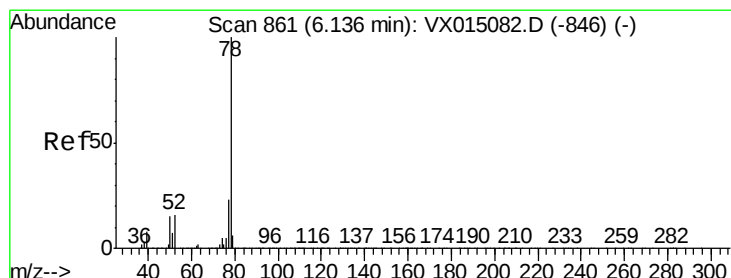
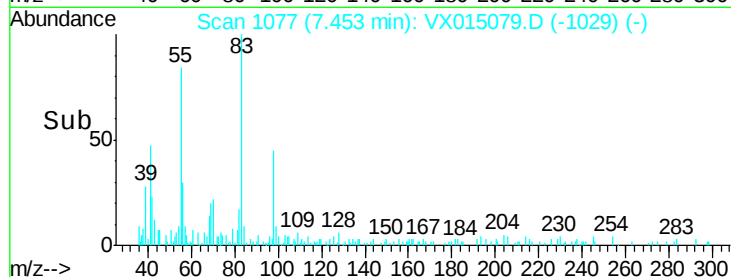
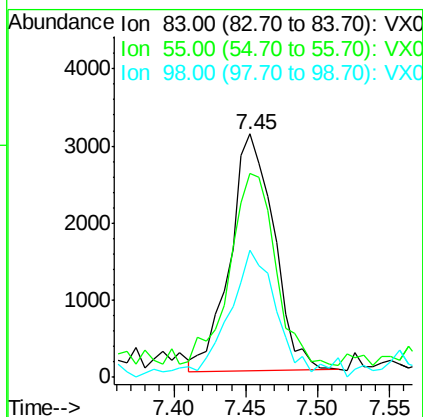
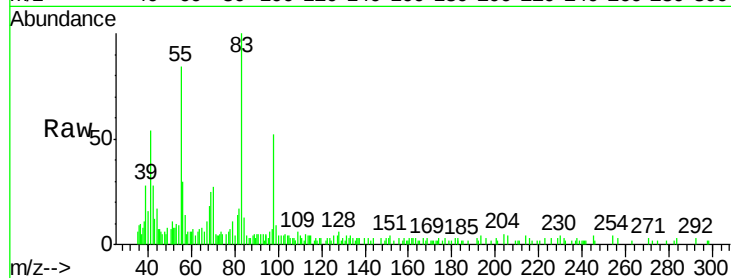




#39
Methylcyclohexane
Concen: 0.94 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX015079.D
Acq: 04 Mar 2020 08:39

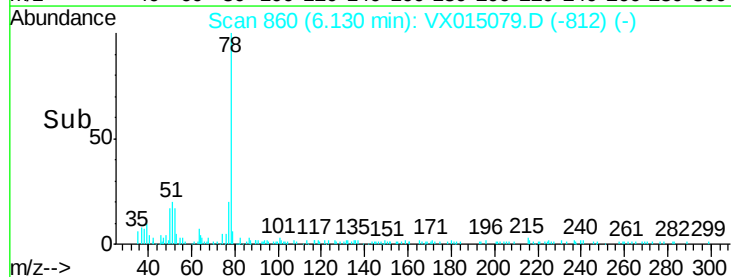
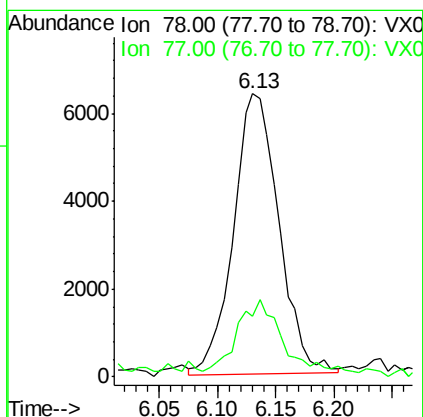
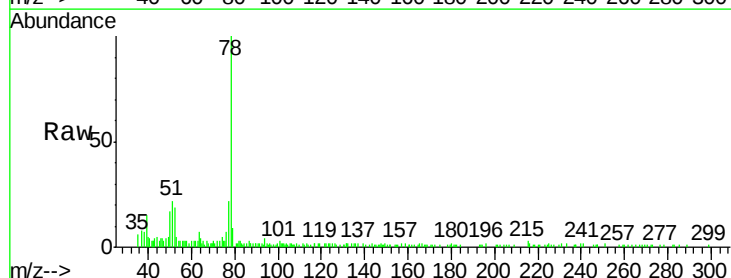
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

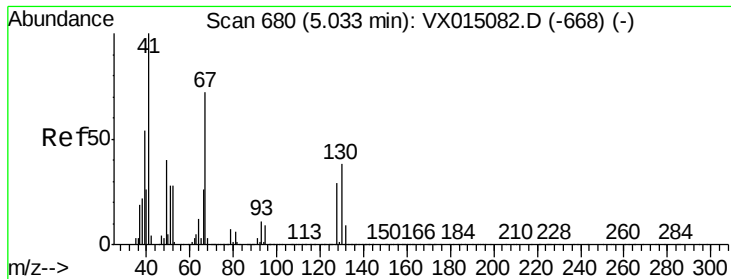
Tgt Ion: 83 Resp: 6450
Ion Ratio Lower Upper
83 100
55 81.8 62.4 93.6
98 49.6 39.7 59.5



#40
Benzene
Concen: 0.99 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX015079.D
Acq: 04 Mar 2020 08:39

Tgt Ion: 78 Resp: 17296
Ion Ratio Lower Upper
78 100
77 18.5 18.6 28.0#





#41

Methacrylonitrile

Concen: 0.62 ug/l

RT: 5.03 min Scan# 680

Delta R.T. 0.00 min

Lab File: VX015079.D

Acq: 04 Mar 2020 08:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tgt Ion: 41 Resp: 1875

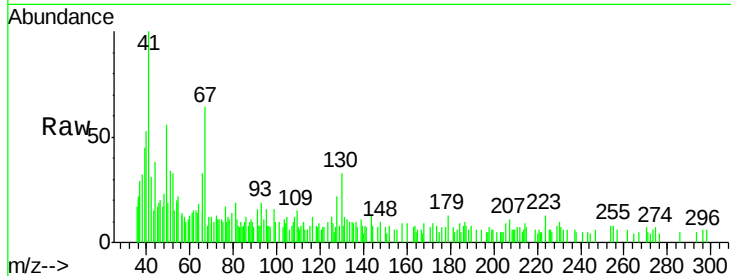
Ion Ratio Lower Upper

41 100

39 86.8 43.9 65.9#

67 175.4 57.8 86.8#

52 18.1 22.6 34.0#

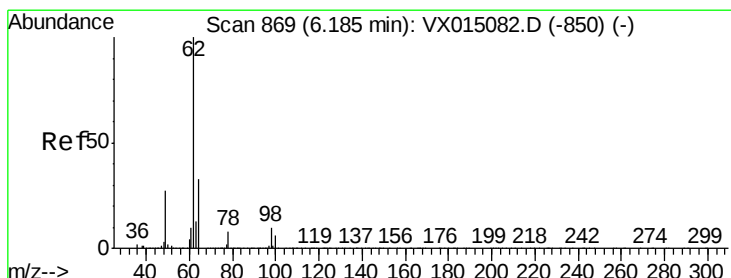
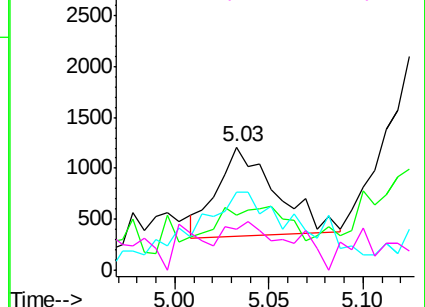
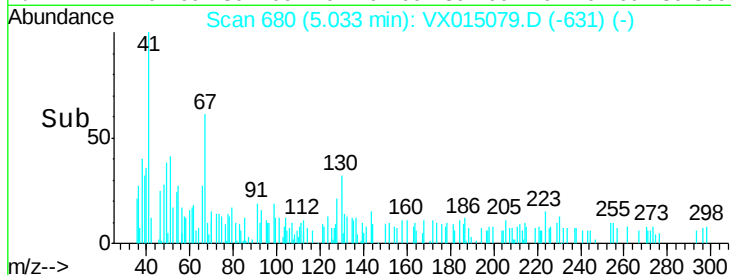


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 0.95 ug/l

RT: 6.18 min Scan# 868

Delta R.T. -0.01 min

Lab File: VX015079.D

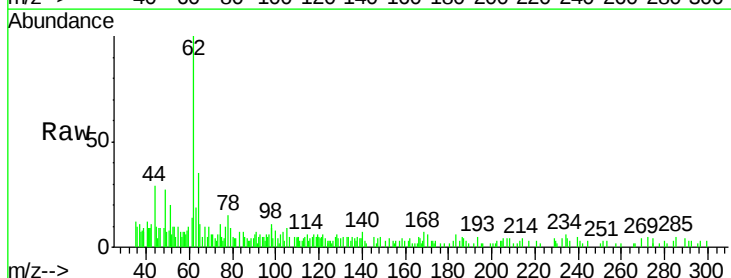
Acq: 04 Mar 2020 08:39

Tgt Ion: 62 Resp: 5699

Ion Ratio Lower Upper

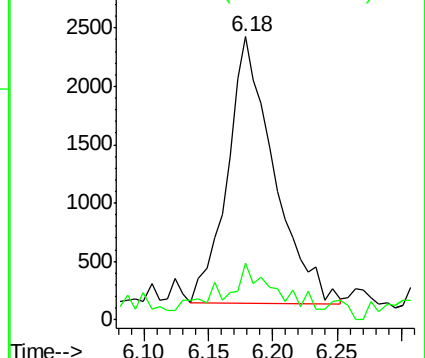
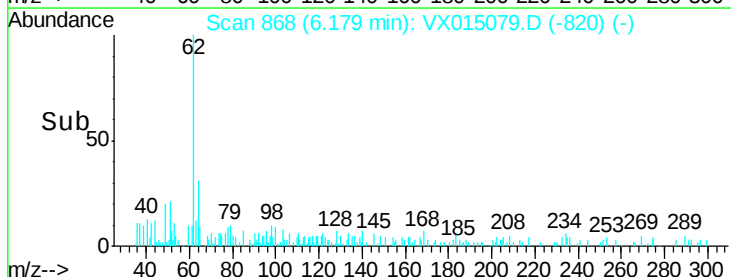
62 100

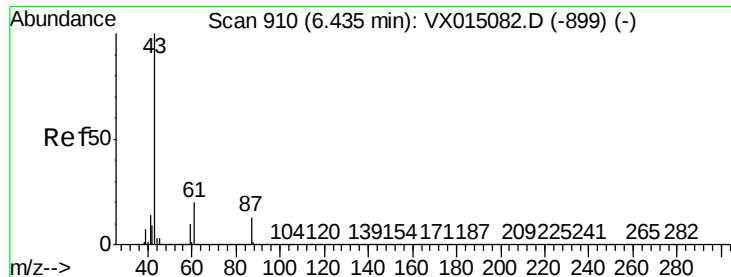
98 13.6 0.0 20.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 0.95 ug/l

RT: 6.43 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX015079.D

Acq: 04 Mar 2020 08:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

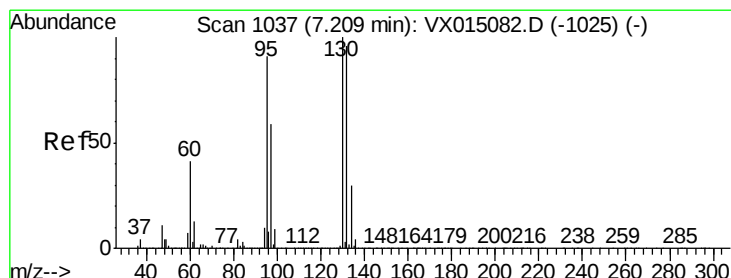
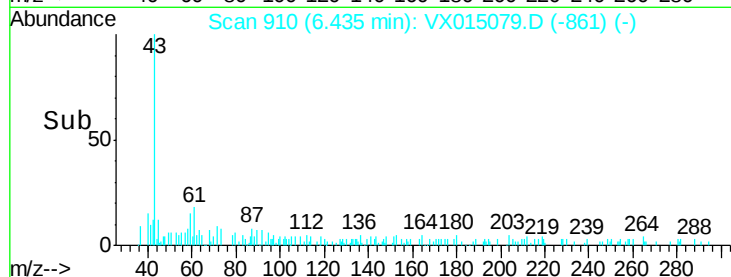
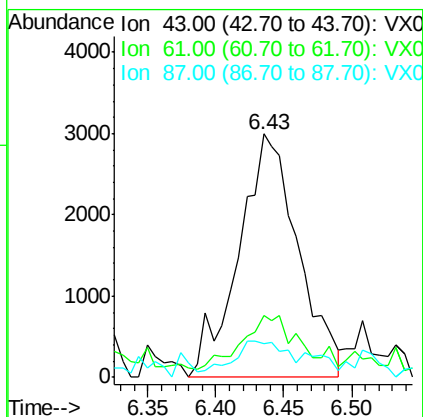
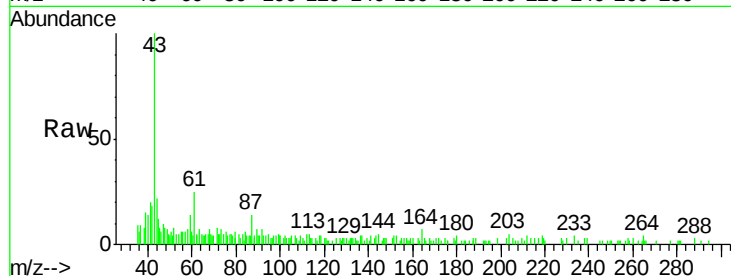
Tgt Ion: 43 Resp: 9162

Ion Ratio Lower Upper

43 100

61 19.6 16.1 24.1

87 9.7 10.6 16.0#



#44

Trichloroethene

Concen: 1.04 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VX015079.D

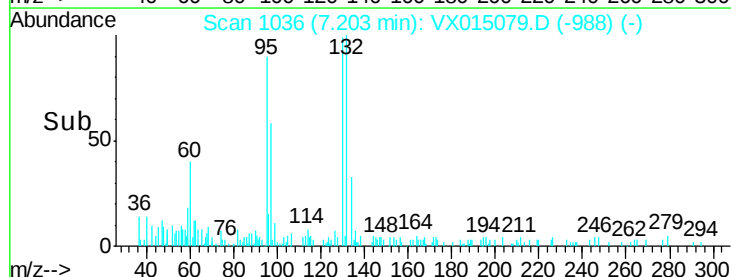
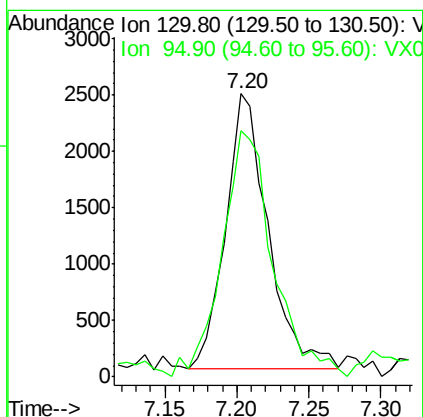
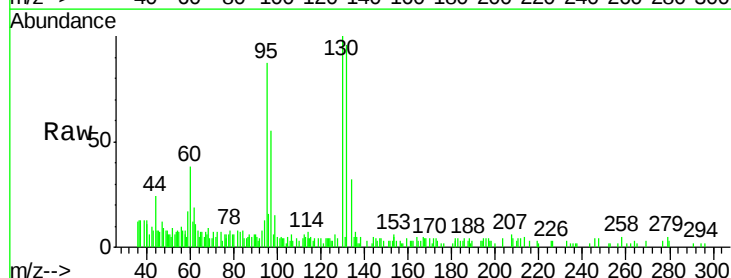
Acq: 04 Mar 2020 08:39

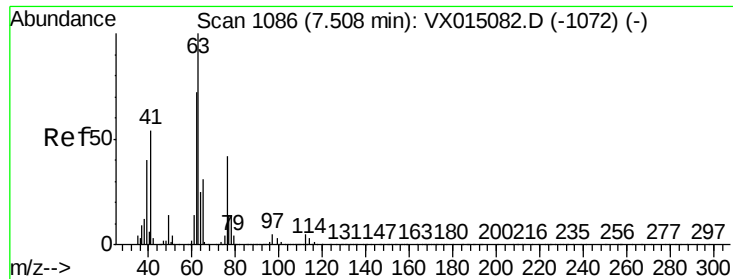
Tgt Ion: 130 Resp: 5037

Ion Ratio Lower Upper

130 100

95 86.6 0.0 181.2





#45

1,2-Dichloropropane

Concen: 0.95 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX015079.D

Acq: 04 Mar 2020 08:39

Instrument :

MSVOA_X

ClientSampled :

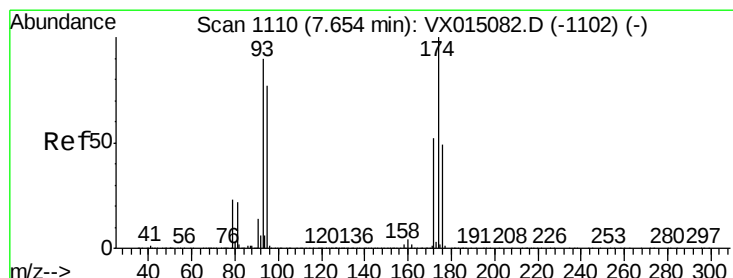
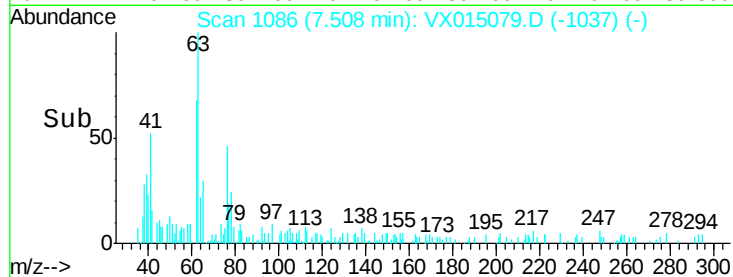
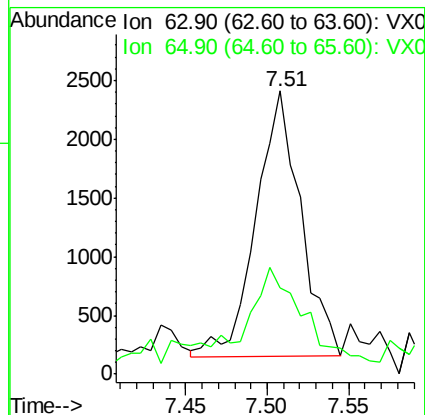
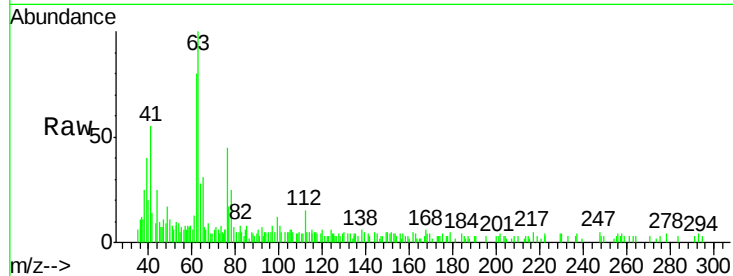
VSTDIC001

Tgt Ion: 63 Resp: 4300

Ion Ratio Lower Upper

63 100

65 22.9 24.6 36.8#



#46

Dibromomethane

Concen: 1.04 ug/l

RT: 7.66 min Scan# 1111

Delta R.T. 0.01 min

Lab File: VX015079.D

Acq: 04 Mar 2020 08:39

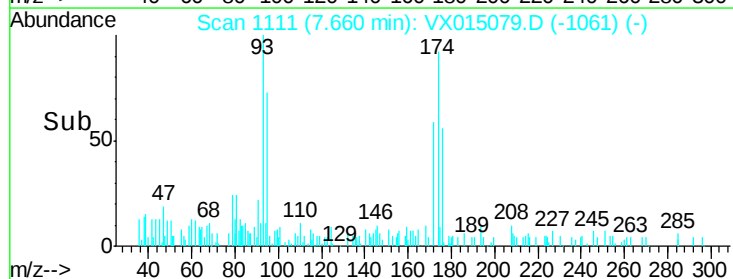
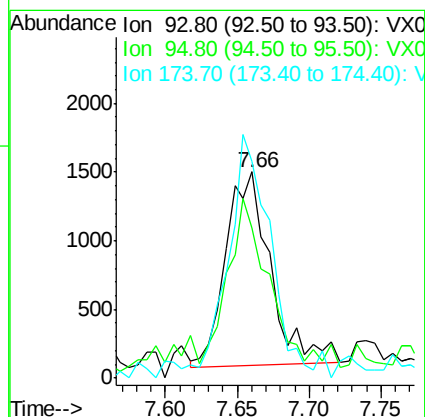
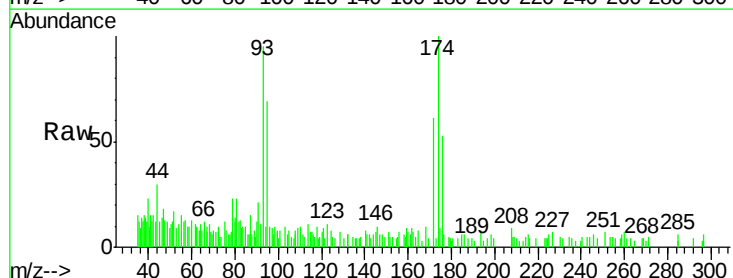
Tgt Ion: 93 Resp: 3075

Ion Ratio Lower Upper

93 100

95 73.4 67.8 101.8

174 116.2 91.0 136.4





#47

Bromodichloromethane

Concen: 0.99 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX015079.D

Acq: 04 Mar 2020 08:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

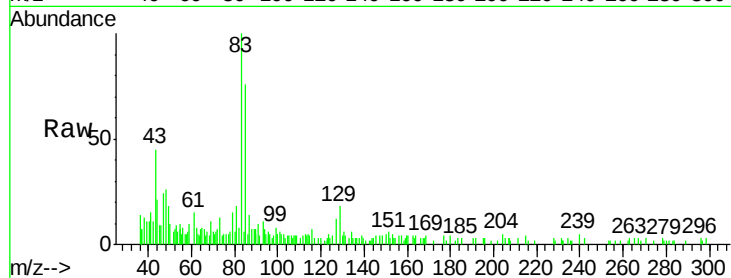
Tgt Ion: 83 Resp: 5788

Ion Ratio Lower Upper

83 100

85 71.4 50.6 75.8

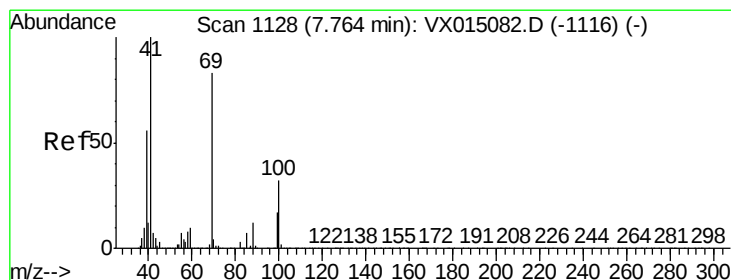
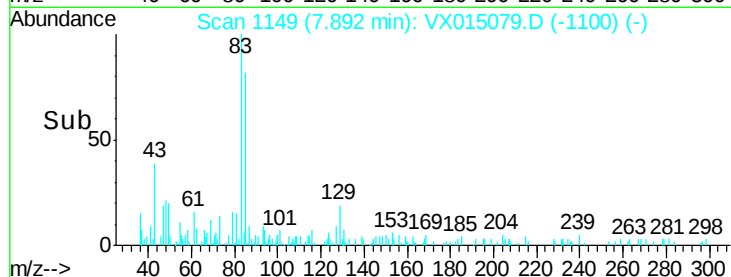
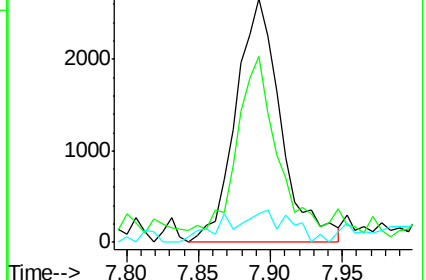
127 9.6 7.1 10.7



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 1.06 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX015079.D

Acq: 04 Mar 2020 08:39

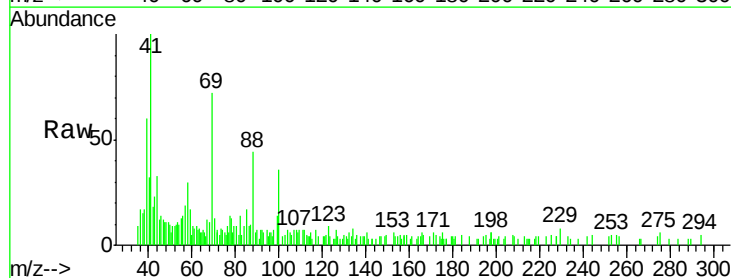
Tgt Ion: 41 Resp: 5193

Ion Ratio Lower Upper

41 100

69 61.8 65.4 98.2#

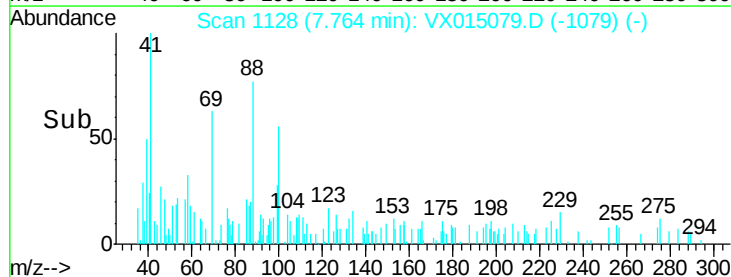
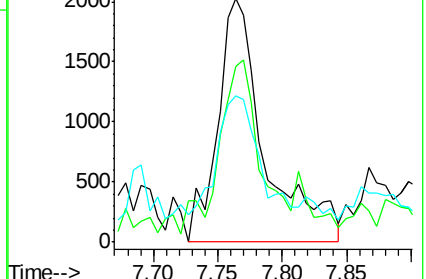
39 40.6 44.6 67.0#

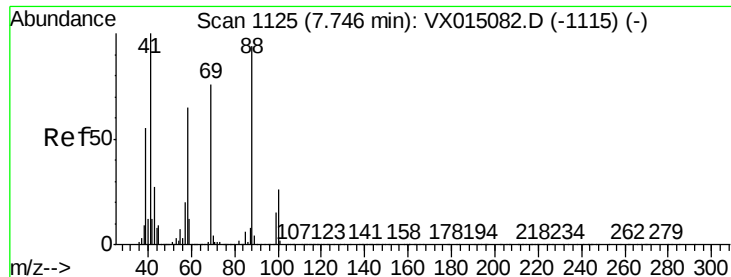


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

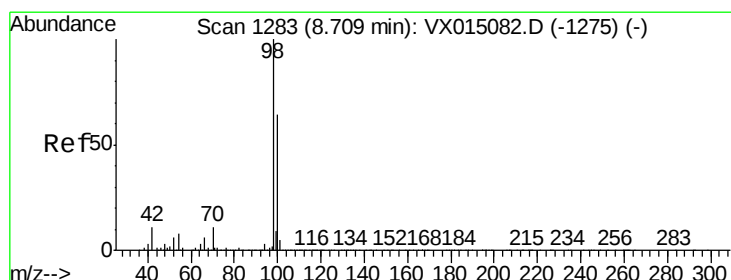
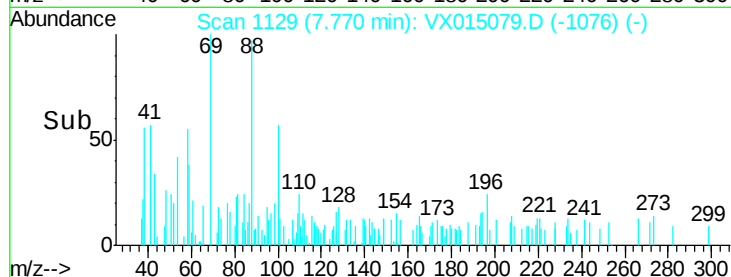
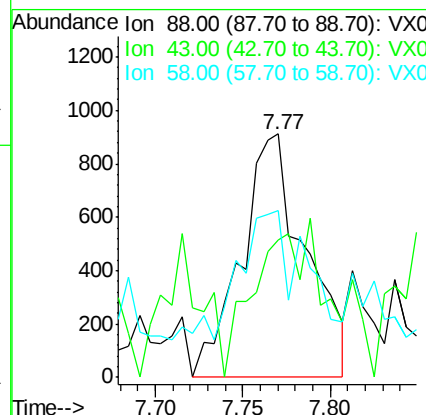
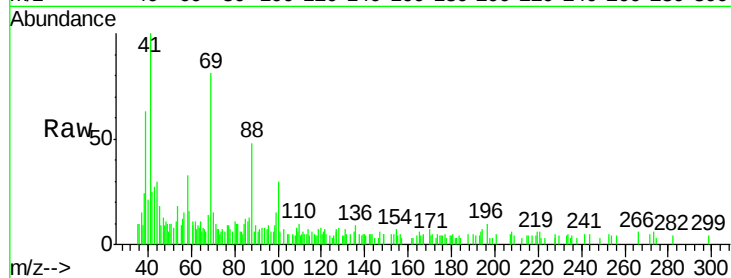




#49
1,4-Dioxane
Concen: 22.09 ug/l
RT: 7.77 min Scan# 1129
Delta R.T. 0.02 min
Lab File: VX015079.D
Acq: 04 Mar 2020 08:39

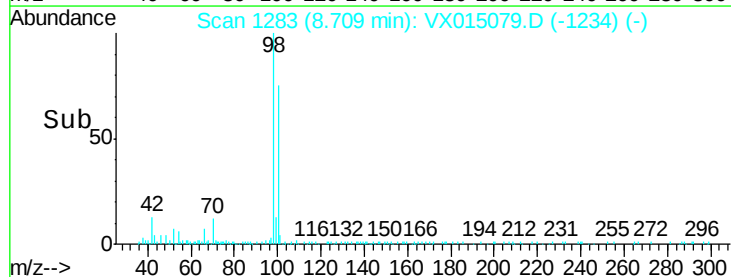
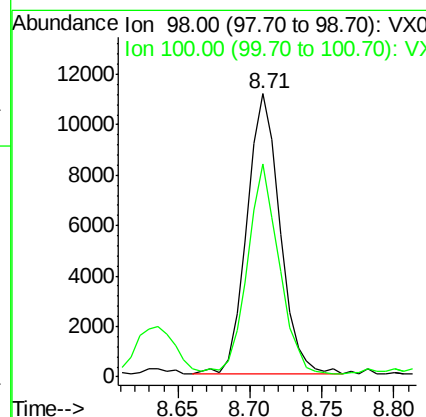
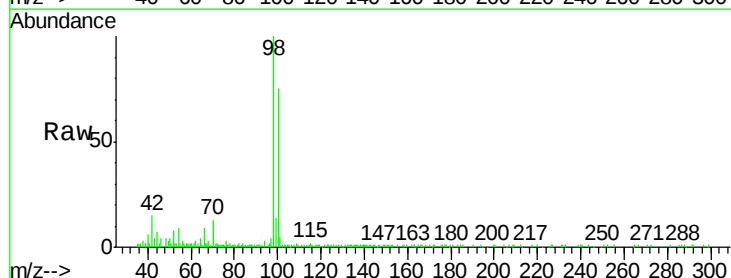
Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

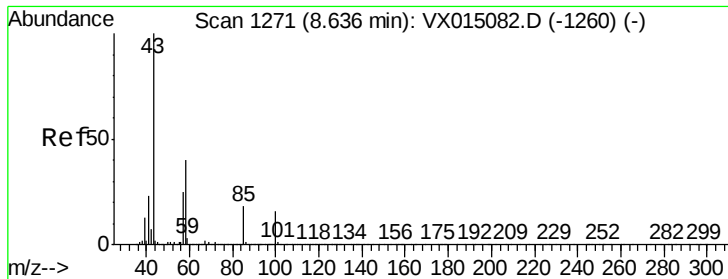
Tgt Ion: 88 Resp: 2330
Ion Ratio Lower Upper
88 100
43 74.2 27.0 40.4#
58 37.9 55.6 83.4#



#50
Toluene-d8
Concen: 1.16 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX015079.D
Acq: 04 Mar 2020 08:39

Tgt Ion: 98 Resp: 17702
Ion Ratio Lower Upper
98 100
100 71.8 52.4 78.6

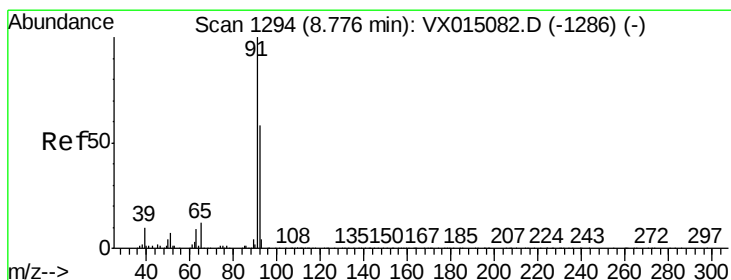
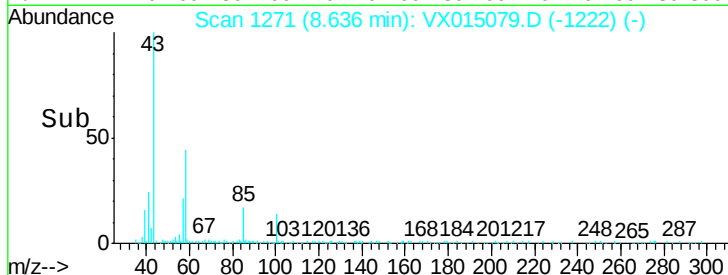
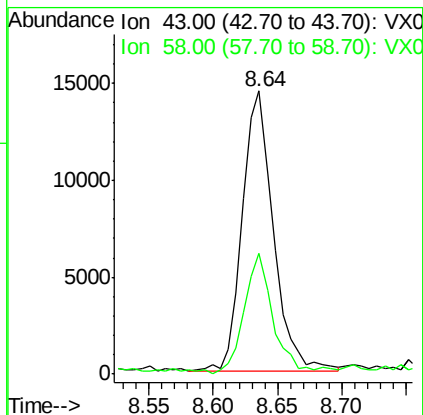
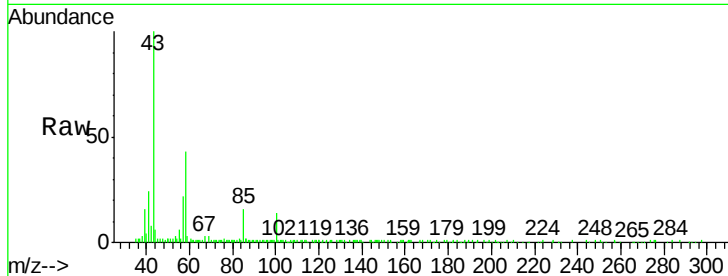




#51
 4-Methyl-2-Pentanone
 Concen: 4.20 ug/l
 RT: 8.64 min Scan# 1271
 Delta R.T. 0.00 min
 Lab File: VX015079.D
 Acq: 04 Mar 2020 08:39

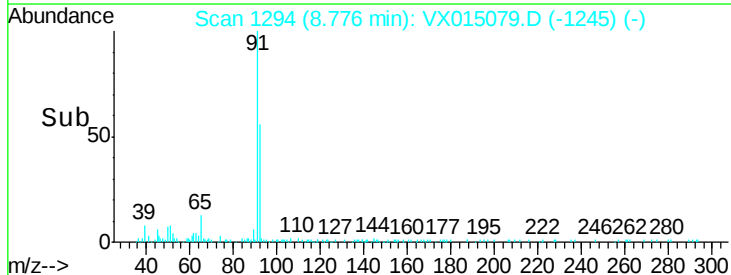
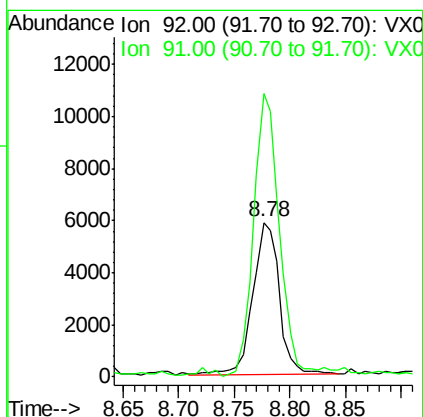
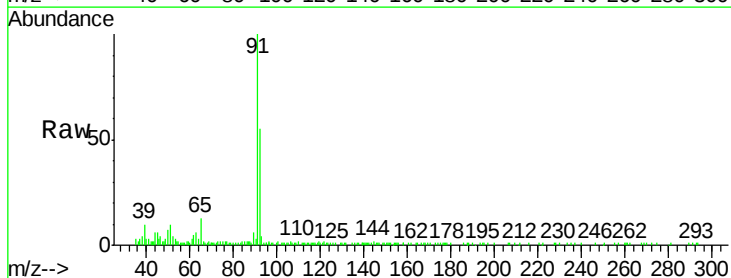
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

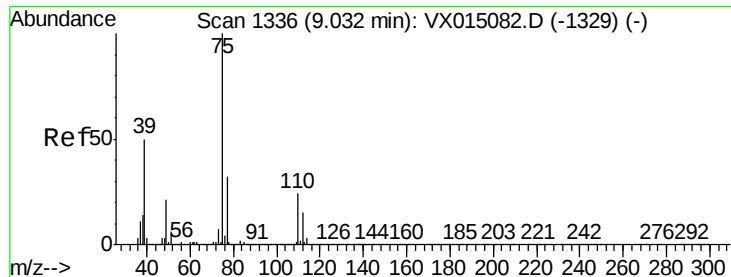
Tgt Ion: 43 Resp: 23877
 Ion Ratio Lower Upper
 43 100
 58 40.2 31.6 47.4



#52
 Toluene
 Concen: 0.91 ug/l
 RT: 8.78 min Scan# 1294
 Delta R.T. 0.00 min
 Lab File: VX015079.D
 Acq: 04 Mar 2020 08:39

Tgt Ion: 92 Resp: 9669
 Ion Ratio Lower Upper
 92 100
 91 182.0 136.9 205.3





#53

t-1,3-Dichloropropene

Concen: 0.82 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. 0.01 min

Lab File: VX015079.D

Acq: 04 Mar 2020 08:39

Instrument :

MSVOA_X

ClientSampleId :

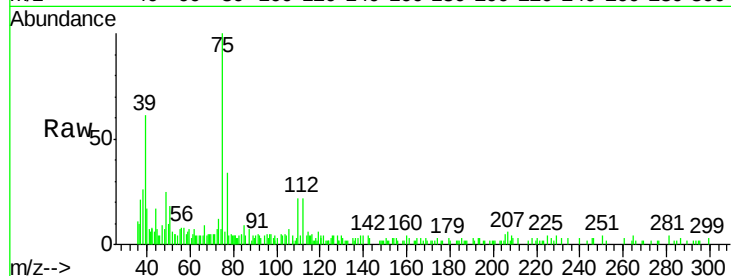
VSTDIC001

Tgt Ion: 75 Resp: 5124

Ion Ratio Lower Upper

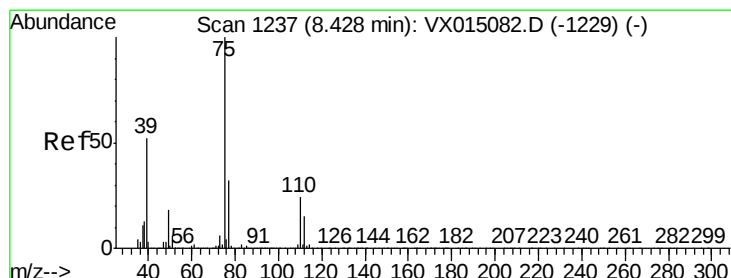
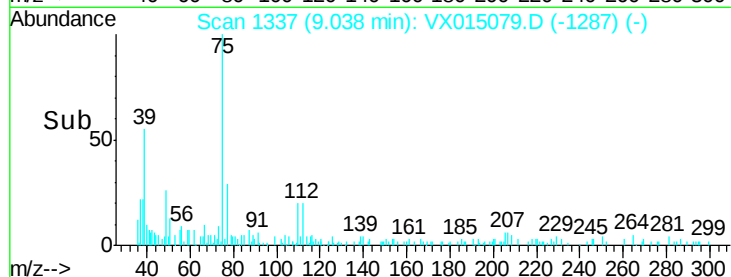
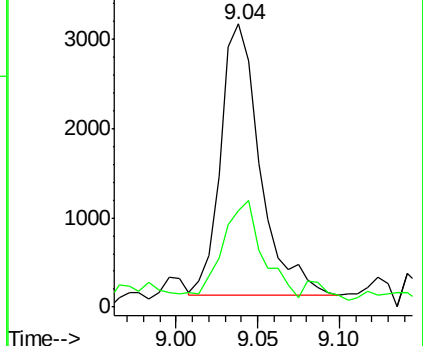
75 100

77 31.2 25.4 38.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 0.93 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX015079.D

Acq: 04 Mar 2020 08:39

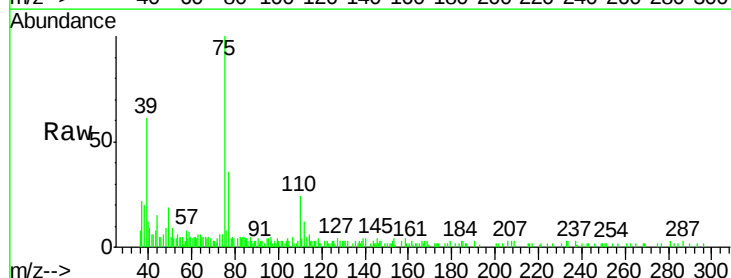
Tgt Ion: 75 Resp: 6488

Ion Ratio Lower Upper

75 100

77 33.9 25.8 38.6

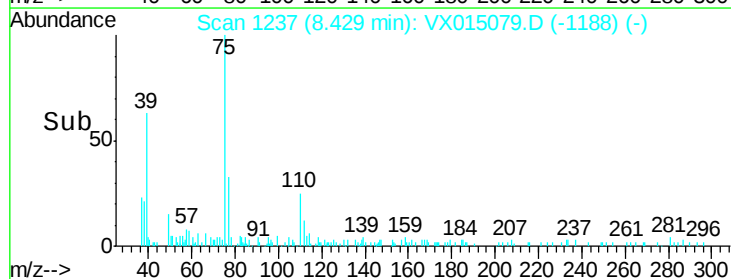
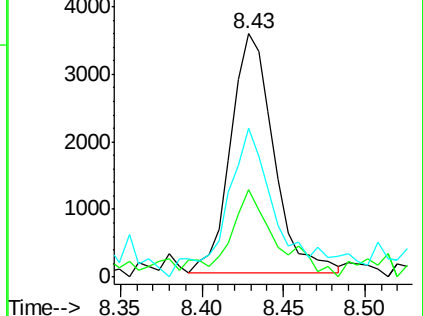
39 54.7 41.3 61.9

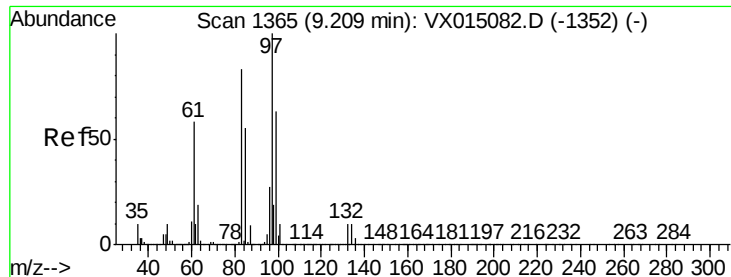


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

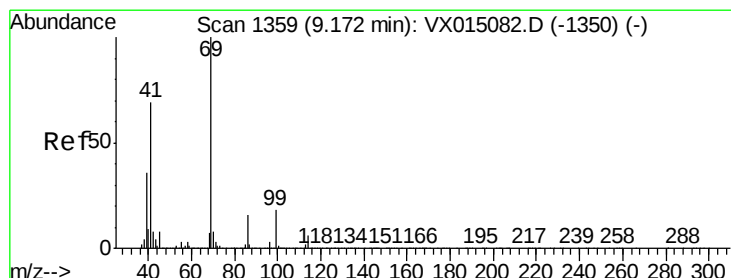
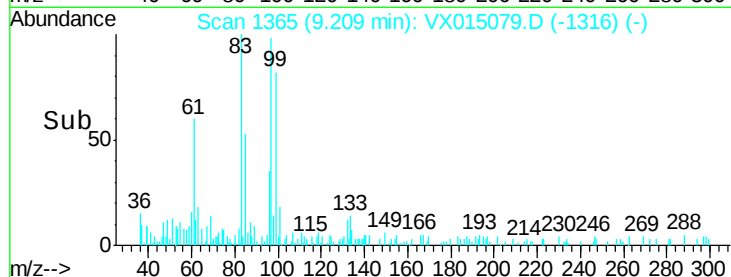
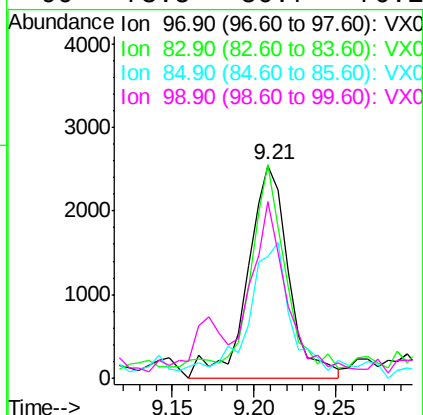
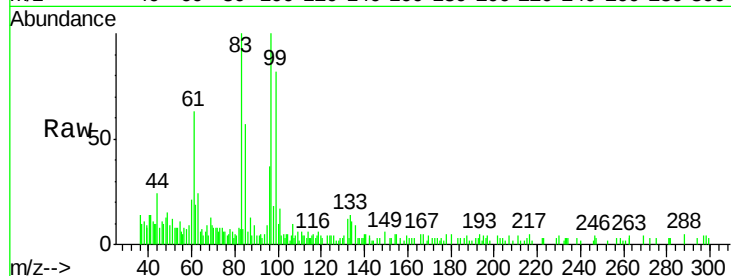




#55
 1,1,2-Trichloroethane
 Concen: 1.00 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX015079.D
 Acq: 04 Mar 2020 08:39

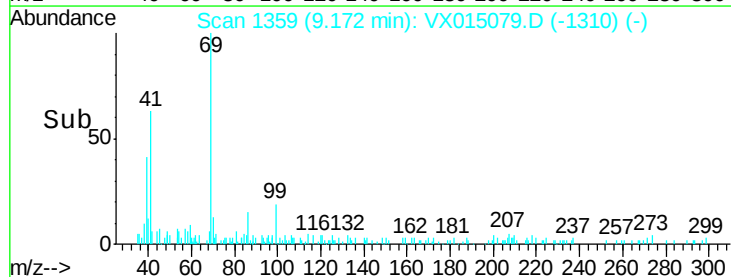
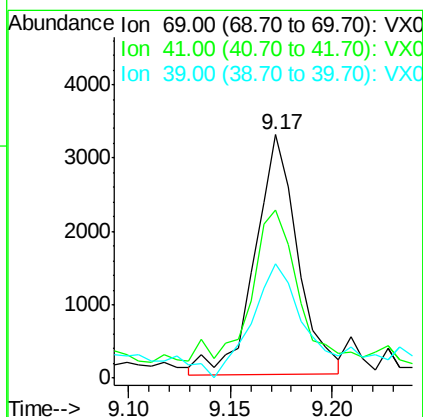
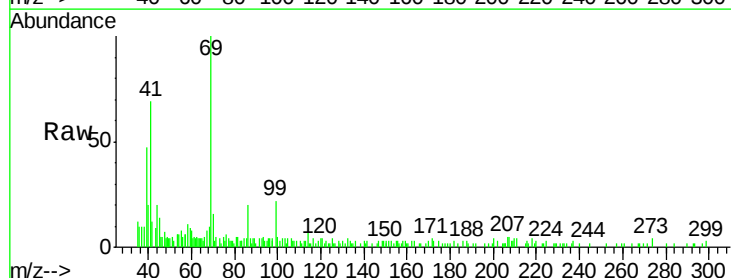
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

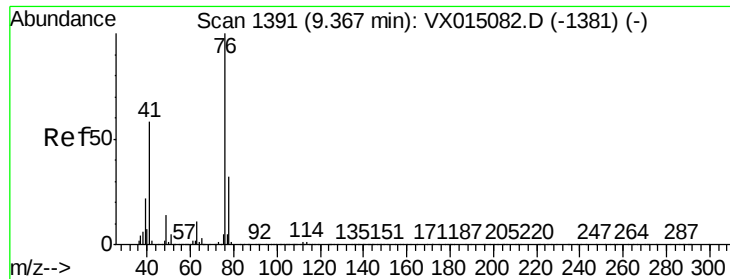
Tgt Ion:	97	Resp:	4407
Ion	Ratio	Lower	Upper
97	100		
83	99.7	66.4	99.6#
85	54.2	43.5	65.3
99	78.5	50.7	76.1#



#56
 Ethyl methacrylate
 Concen: 0.76 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX015079.D
 Acq: 04 Mar 2020 08:39

Tgt Ion:	69	Resp:	4775
Ion	Ratio	Lower	Upper
69	100		
41	67.6	55.8	83.8
39	57.7	29.4	44.2#





#57

1,3-Dichloropropane

Concen: 0.97 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX015079.D

Acq: 04 Mar 2020 08:39

Instrument :

MSVOA_X

ClientSampleId :

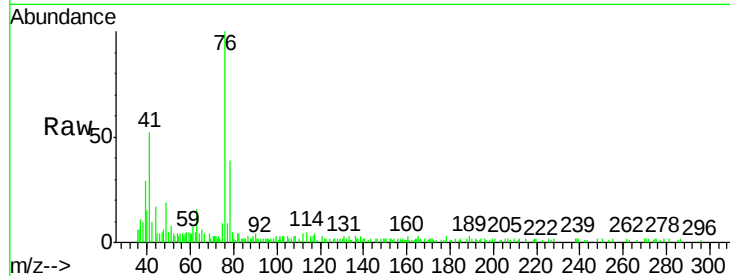
VSTDIC001

Tgt Ion: 76 Resp: 7173

Ion Ratio Lower Upper

76 100

78 35.3 25.6 38.4



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.36

4000

3000

2000

1000

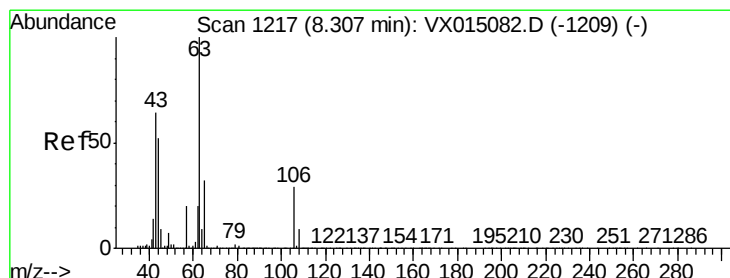
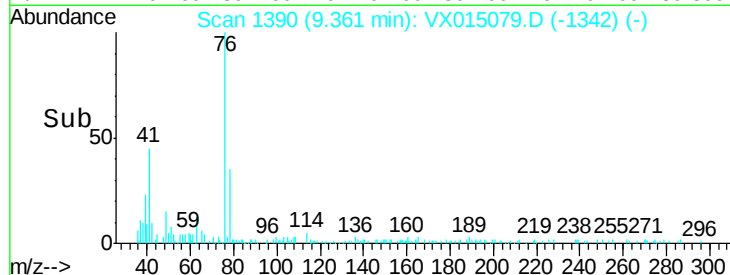
0

9.30

9.35

9.40

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 4.55 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX015079.D

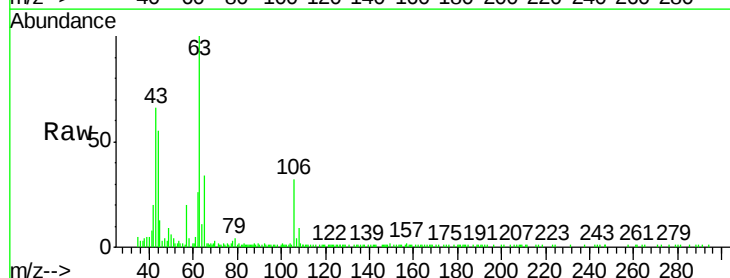
Acq: 04 Mar 2020 08:39

Tgt Ion: 63 Resp: 15550

Ion Ratio Lower Upper

63 100

106 32.3 22.8 34.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.31

10000

8000

6000

4000

2000

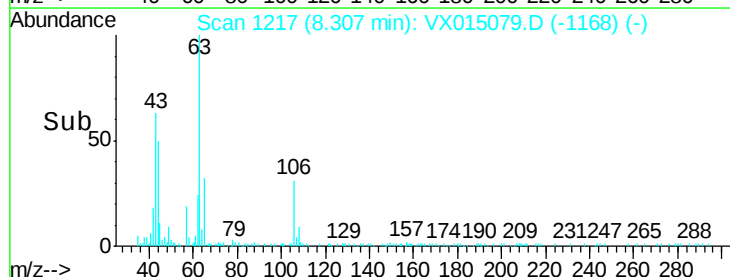
0

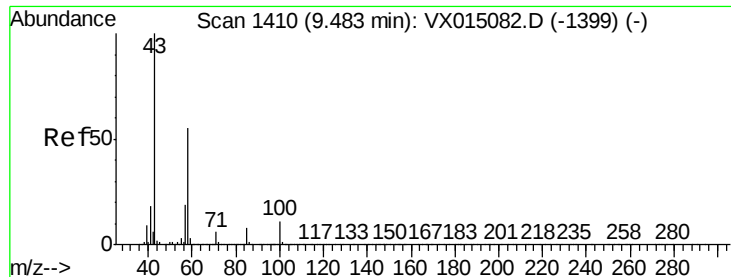
8.25

8.30

8.35

Time-->





#59

2-Hexanone

Concen: 3.79 ug/l

RT: 9.49 min Scan# 1411

Delta R.T. 0.01 min

Lab File: VX015079.D

Acq: 04 Mar 2020 08:39

Instrument :

MSVOA_X

ClientSampleId :

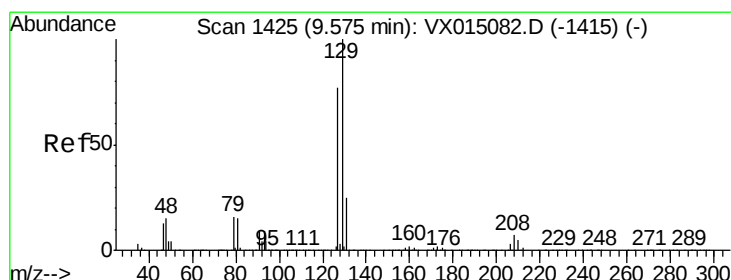
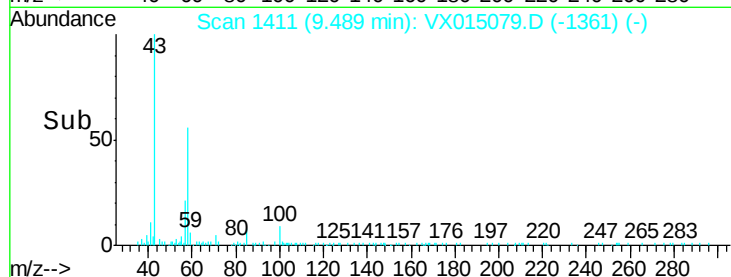
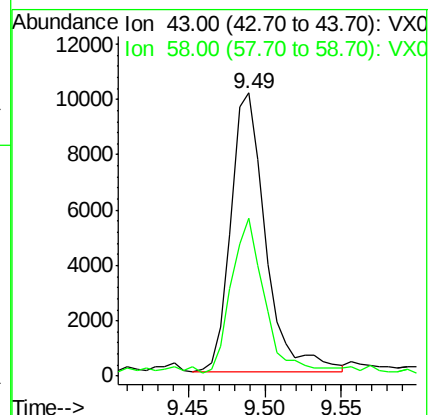
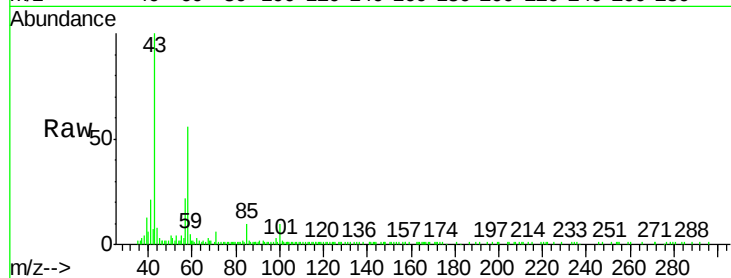
VSTDIC001

Tgt Ion: 43 Resp: 15949

Ion Ratio Lower Upper

43 100

58 51.9 27.3 81.8



#60

Dibromochloromethane

Concen: 1.00 ug/l

RT: 9.57 min Scan# 1425

Delta R.T. 0.00 min

Lab File: VX015079.D

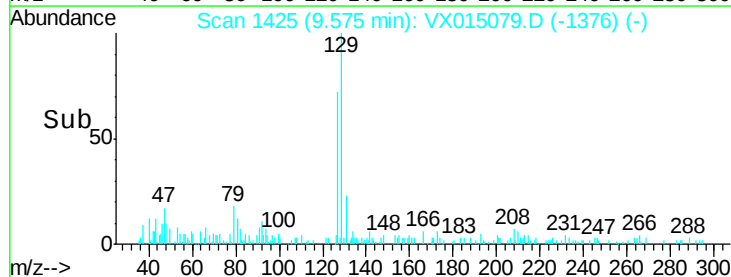
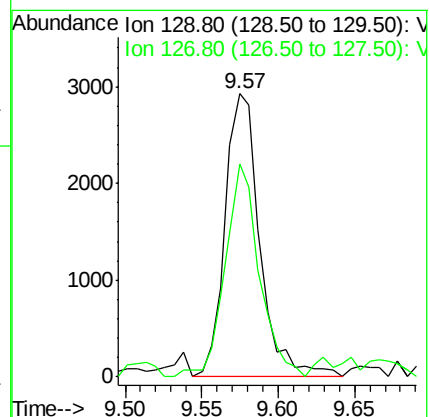
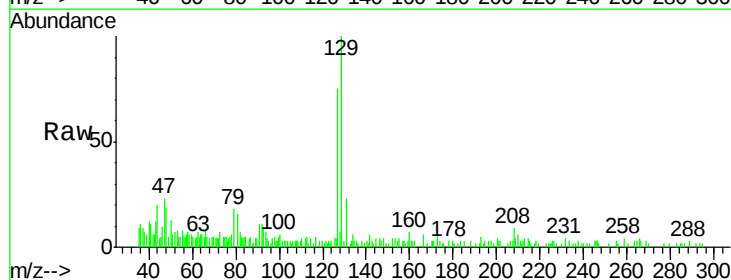
Acq: 04 Mar 2020 08:39

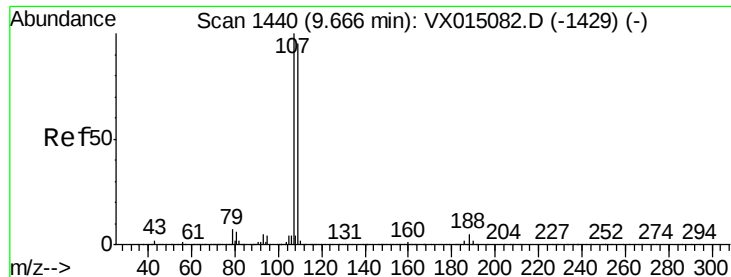
Tgt Ion: 129 Resp: 4618

Ion Ratio Lower Upper

129 100

127 73.6 38.8 116.3

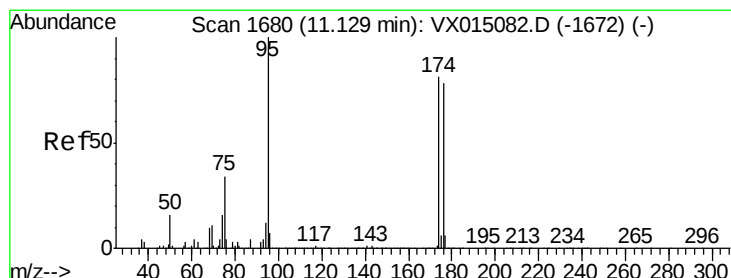
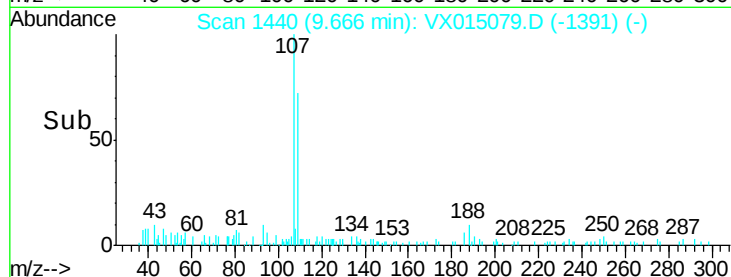
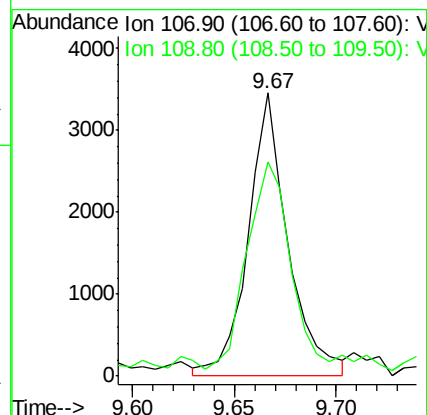
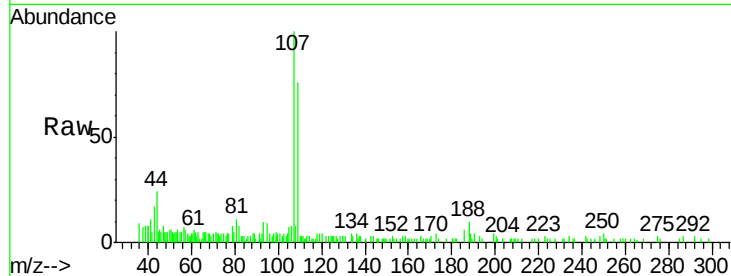




#61
 1,2-Dibromoethane
 Concen: 1.02 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: VX015079.D
 Acq: 04 Mar 2020 08:39

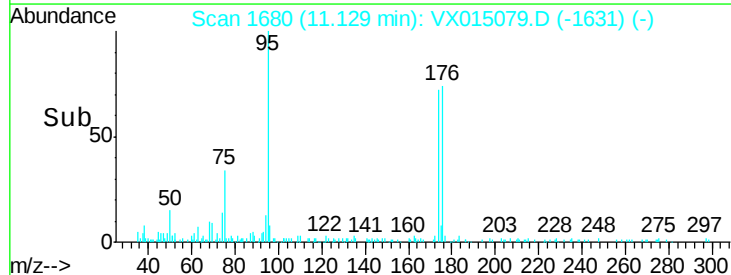
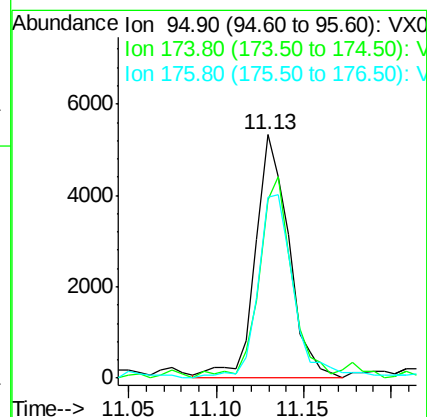
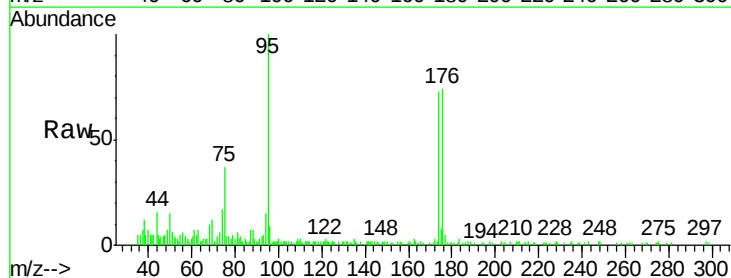
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

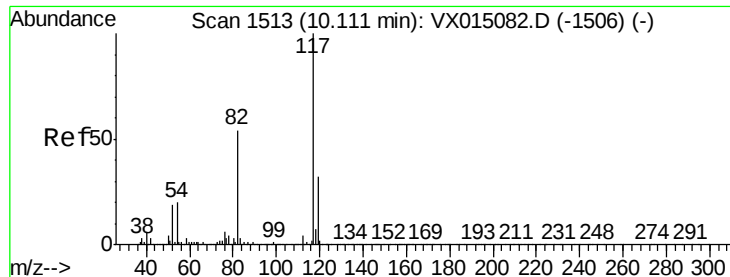
Tgt Ion: 107 Resp: 4688
 Ion Ratio Lower Upper
 107 100
 109 78.5 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 1.31 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. 0.00 min
 Lab File: VX015079.D
 Acq: 04 Mar 2020 08:39

Tgt Ion: 95 Resp: 7117
 Ion Ratio Lower Upper
 95 100
 174 81.1 0.0 177.6
 176 81.0 0.0 170.2

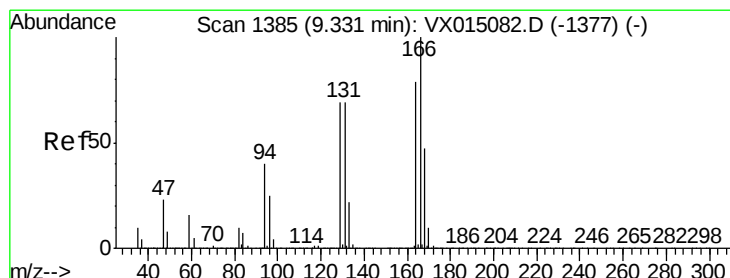
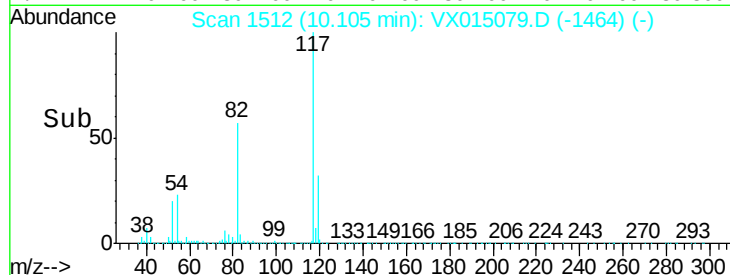
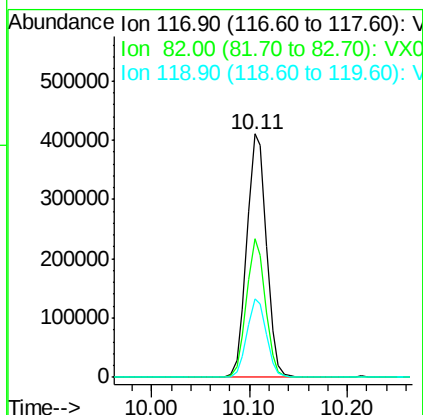
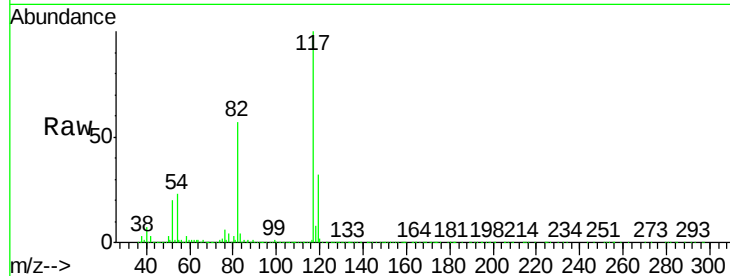




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX015079.D
Acq: 04 Mar 2020 08:39

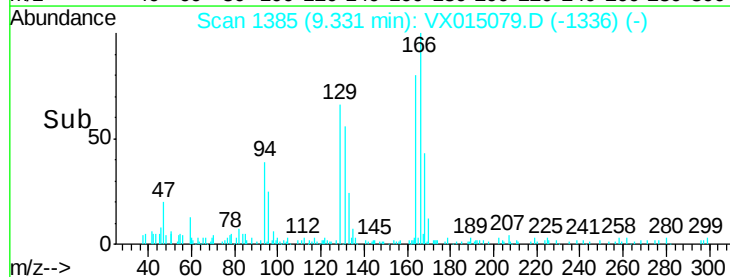
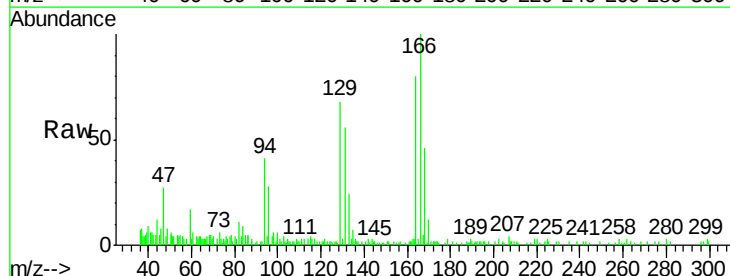
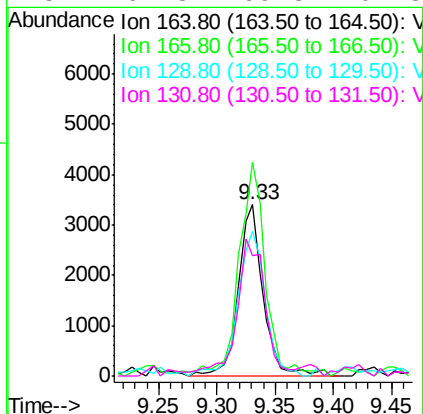
Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

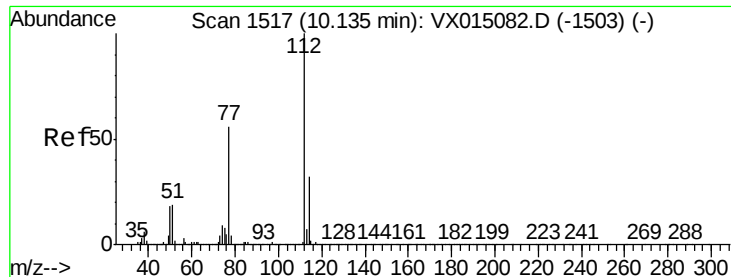
Tgt Ion	Ratio	Lower	Upper
117	100		
82	57.1	43.3	64.9
119	32.3	25.8	38.8



#64
Tetrachloroethene
Concen: 1.08 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX015079.D
Acq: 04 Mar 2020 08:39

Tgt Ion	Ratio	Lower	Upper
164	100		
166	122.7	101.1	151.7
129	82.1	69.4	104.0
131	67.8	69.8	104.8





#65

Chlorobenzene

Concen: 1.00 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX015079.D

Acq: 04 Mar 2020 08:39

Instrument :

MSVOA_X

ClientSampleId :

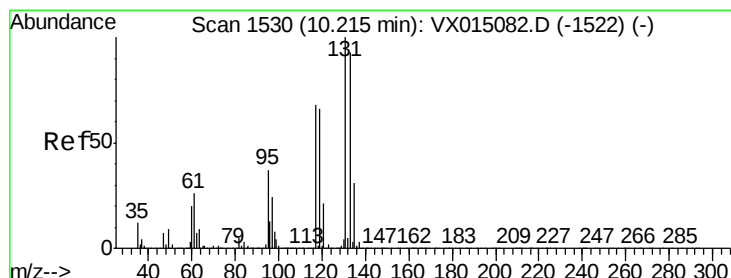
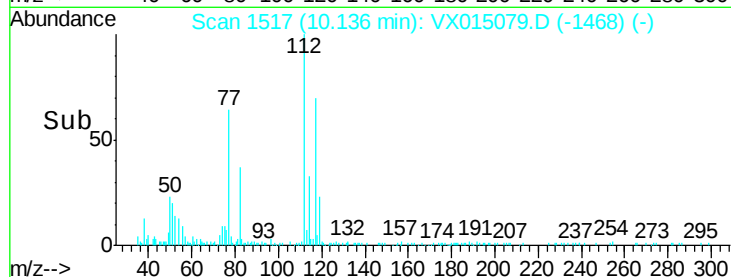
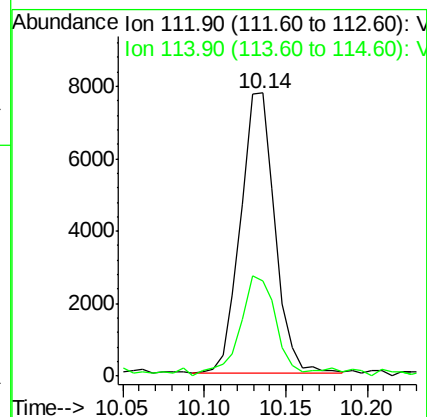
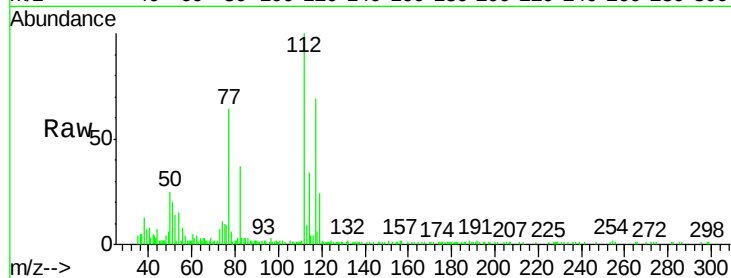
VSTDIC001

Tgt Ion:112 Resp: 11420

Ion Ratio Lower Upper

112 100

114 34.0 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 1.07 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX015079.D

Acq: 04 Mar 2020 08:39

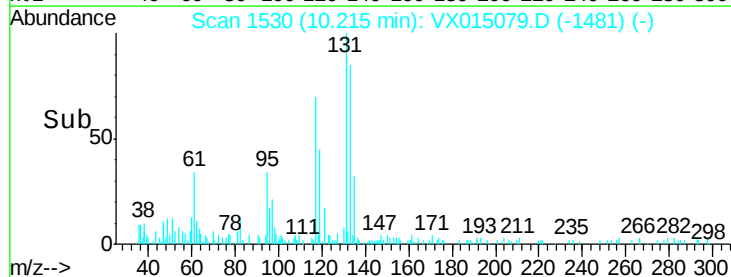
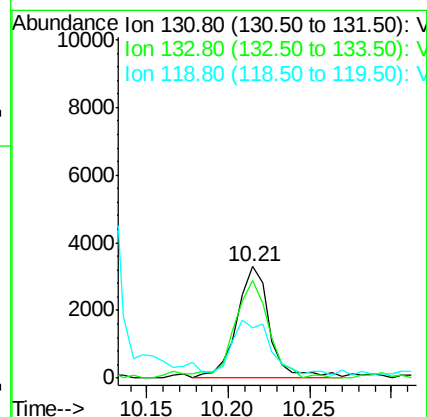
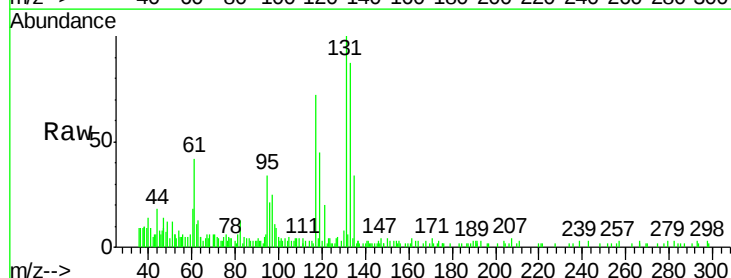
Tgt Ion:131 Resp: 4626

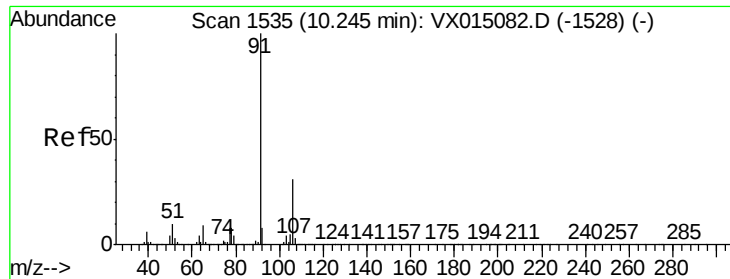
Ion Ratio Lower Upper

131 100

133 91.4 47.5 142.5

119 0.0 33.4 100.1#





#67

Ethyl Benzene

Concen: 0.90 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX015079.D

Acq: 04 Mar 2020 08:39

Instrument :

MSVOA_X

ClientSampleId :

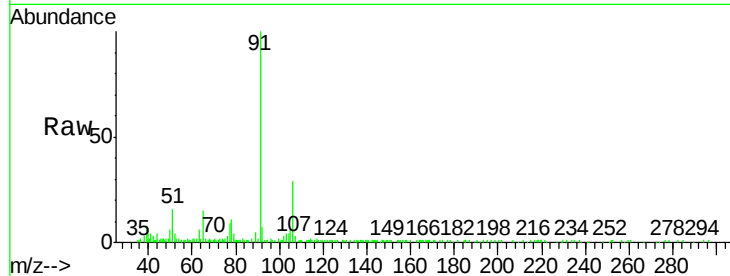
VSTDIC001

Tgt Ion: 91 Resp: 17484

Ion Ratio Lower Upper

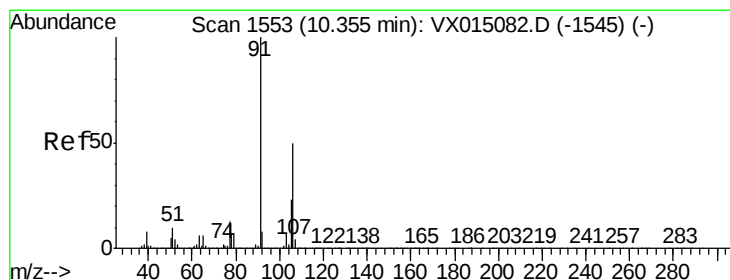
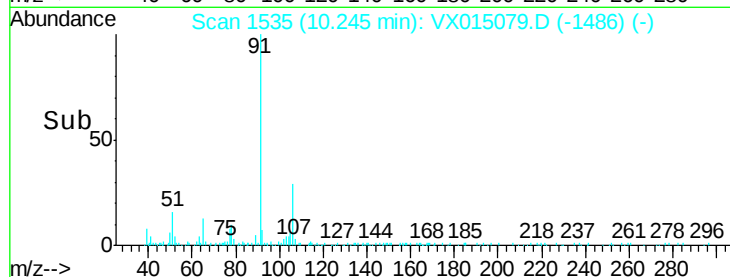
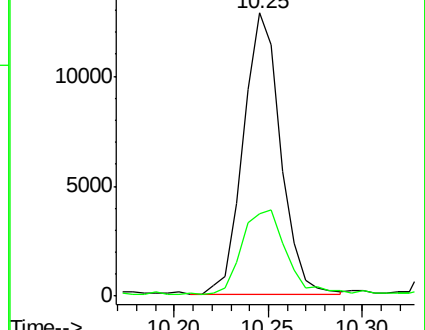
91 100

106 28.1 24.9 37.3



Abundance Ion 91.00 (90.70 to 91.70): VX015082.D (-1528) (-)

Ion 106.00 (105.70 to 106.70): VX015082.D (-1528) (-)



#68

m/p-Xylenes

Concen: 1.67 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX015079.D

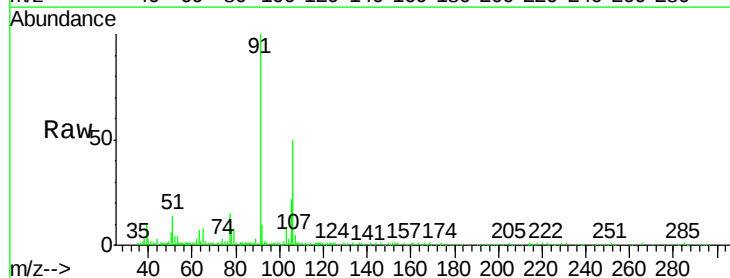
Acq: 04 Mar 2020 08:39

Tgt Ion: 106 Resp: 12409

Ion Ratio Lower Upper

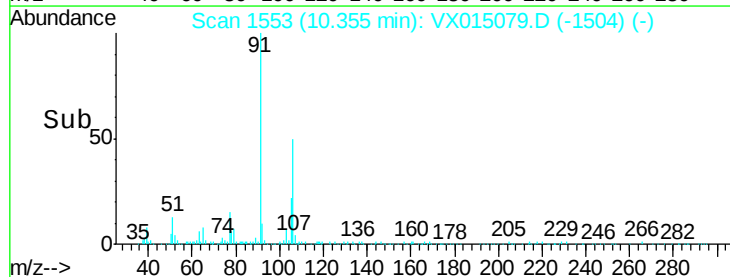
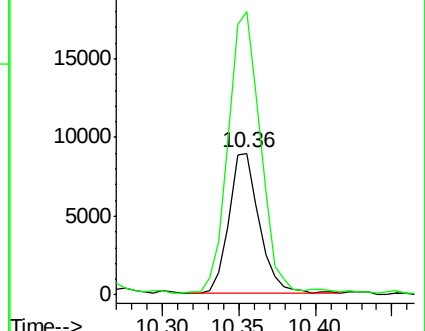
106 100

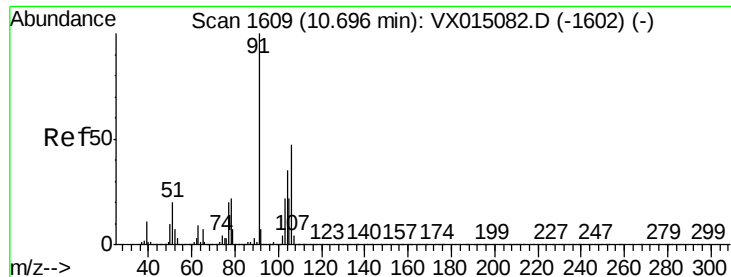
91 208.1 159.4 239.2



Abundance Ion 106.00 (105.70 to 106.70): VX015082.D (-1545) (-)

Ion 91.00 (90.70 to 91.70): VX015082.D (-1545) (-)

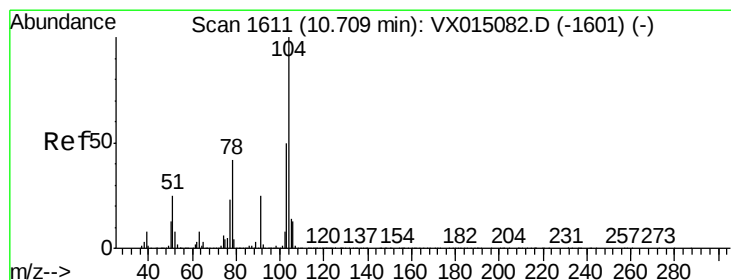
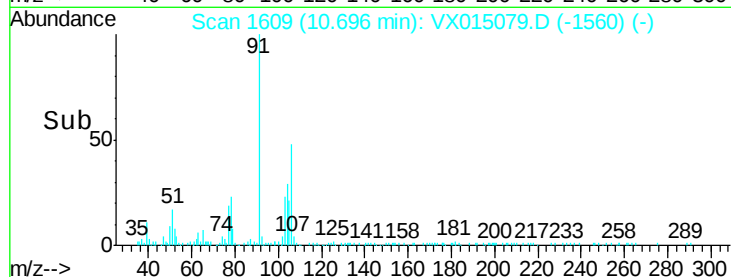
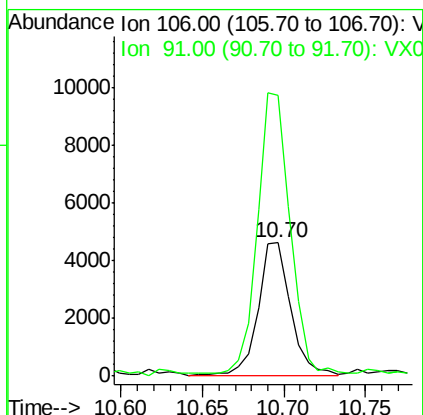
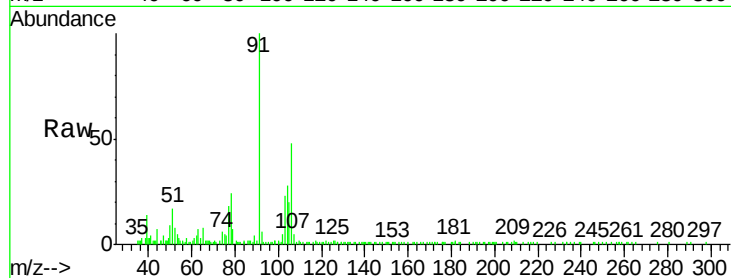




#69
o-Xylene
Concen: 0.92 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX015079.D
Acq: 04 Mar 2020 08:39

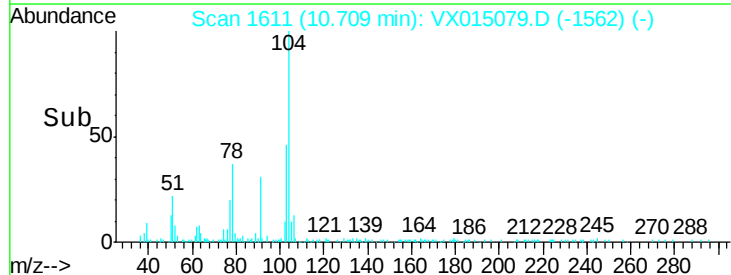
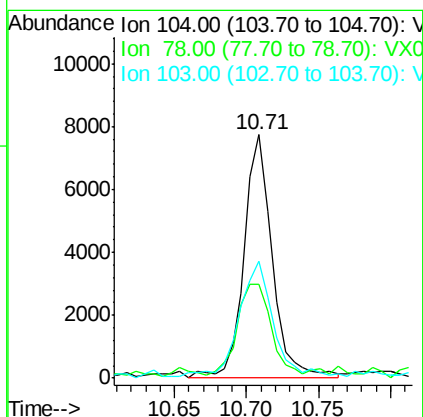
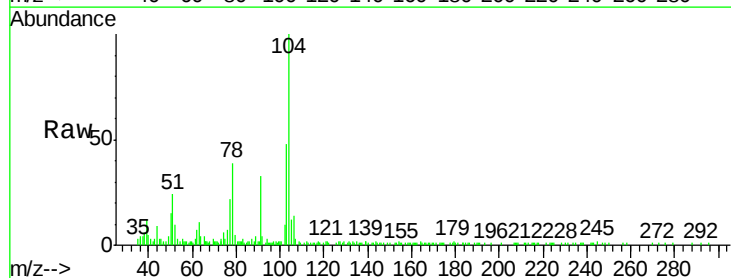
Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

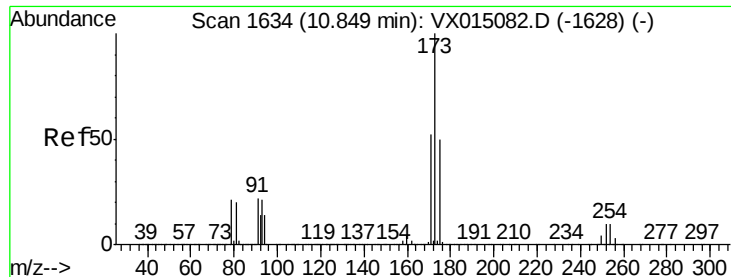
Tgt Ion:106 Resp: 6532
Ion Ratio Lower Upper
106 100
91 207.5 105.4 316.1



#70
Styrene
Concen: 0.87 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX015079.D
Acq: 04 Mar 2020 08:39

Tgt Ion:104 Resp: 10605
Ion Ratio Lower Upper
104 100
78 44.5 39.0 58.4
103 55.2 43.7 65.5





#71

Bromoform

Concen: 0.88 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.01 min

Lab File: VX015079.D

Acq: 04 Mar 2020 08:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

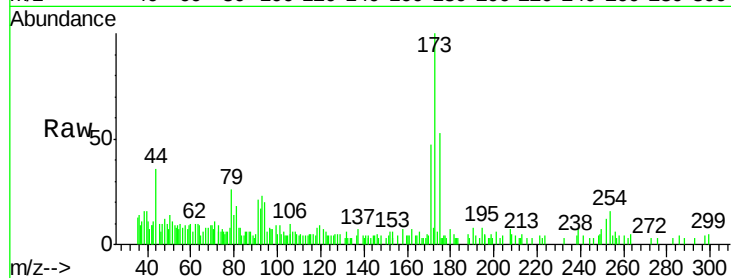
Tgt Ion:173 Resp: 2945

Ion Ratio Lower Upper

173 100

175 51.0 24.9 74.7

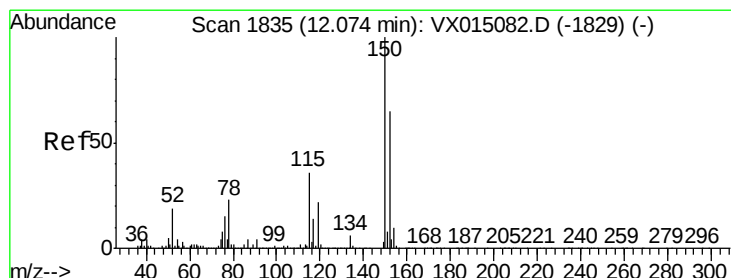
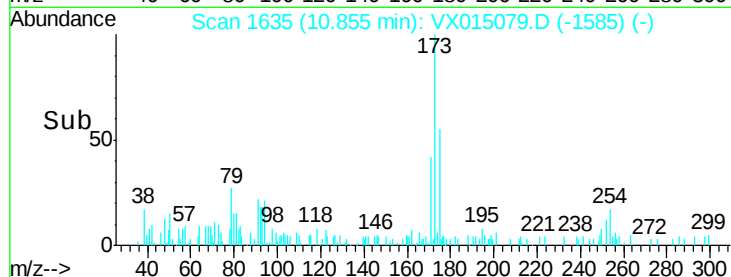
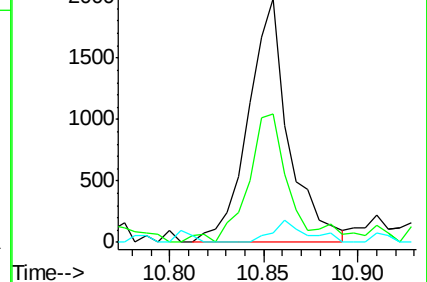
254 7.5 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX015079.D

Acq: 04 Mar 2020 08:39

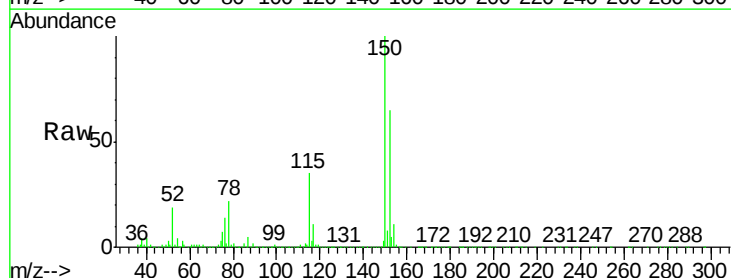
Tgt Ion:152 Resp: 274889

Ion Ratio Lower Upper

152 100

115 56.3 38.2 114.6

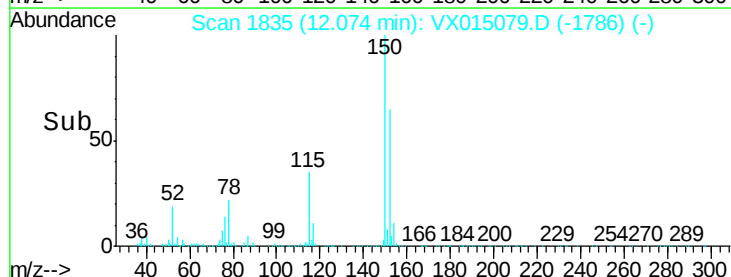
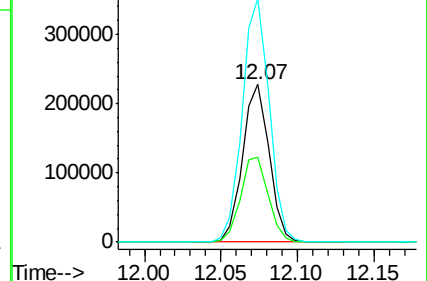
150 156.0 0.0 343.8

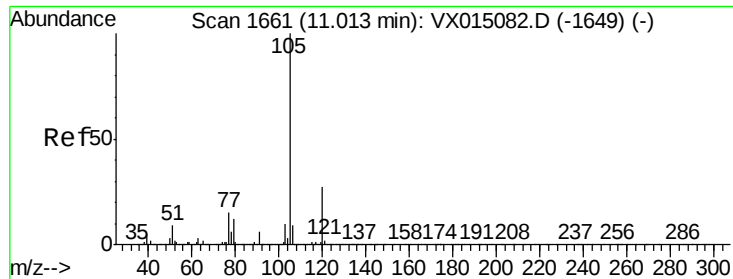


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 0.90 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX015079.D

Acq: 04 Mar 2020 08:39

Instrument :

MSVOA_X

ClientSampleId :

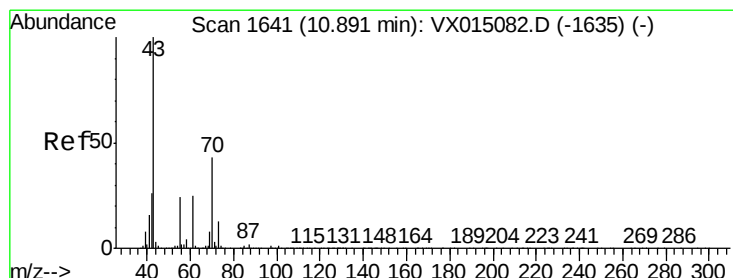
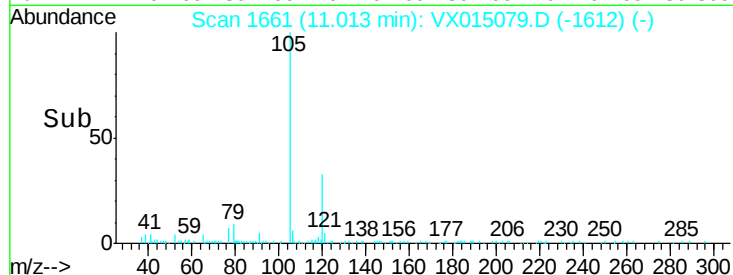
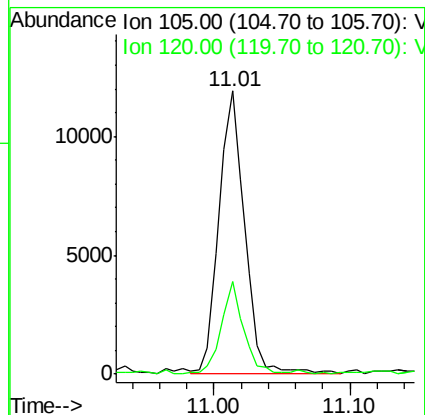
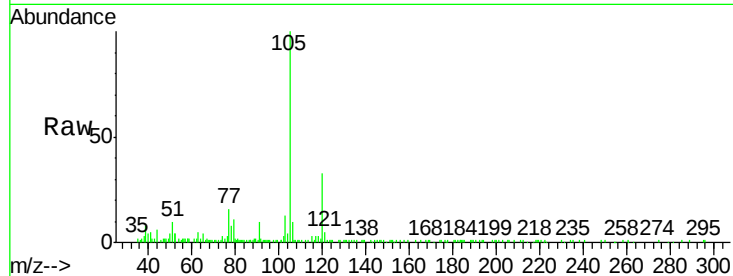
VSTDIC001

Tgt Ion:105 Resp: 15769

Ion Ratio Lower Upper

105 100

120 28.4 13.5 40.5



#74

N-ethyl acetate

Concen: 0.91 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX015079.D

Acq: 04 Mar 2020 08:39

Tgt Ion: 43 Resp: 6714

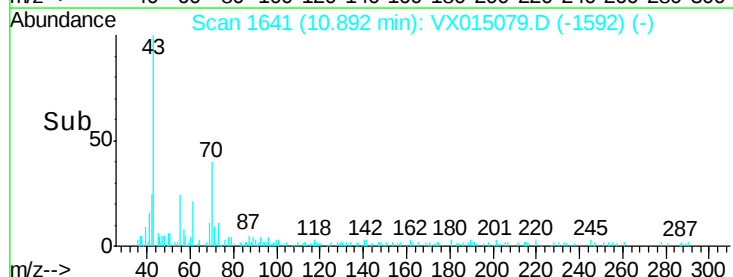
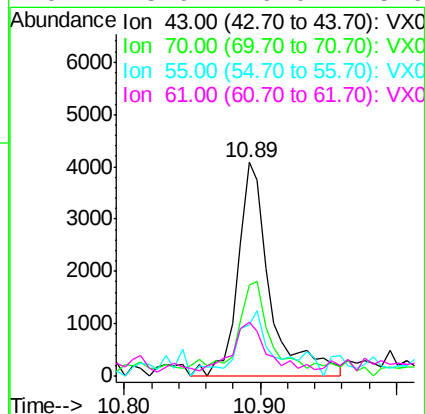
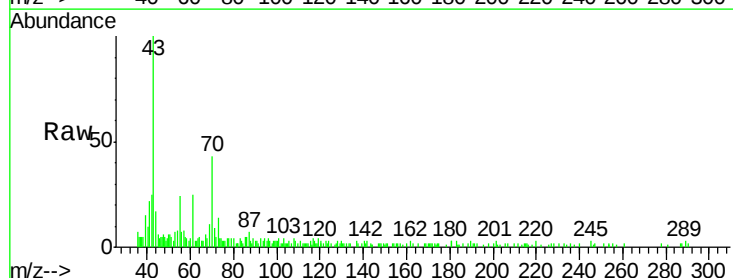
Ion Ratio Lower Upper

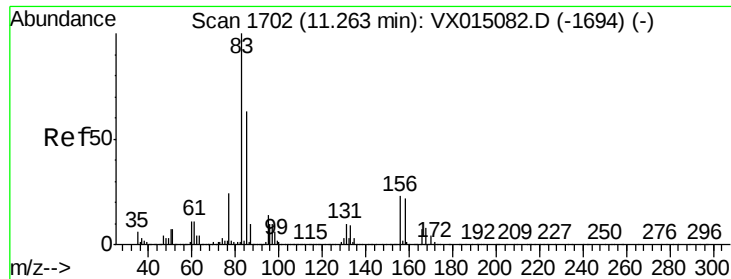
43 100

70 33.2 34.7 52.1#

55 18.8 19.4 29.0#

61 23.9 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 1.03 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX015079.D

Acq: 04 Mar 2020 08:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

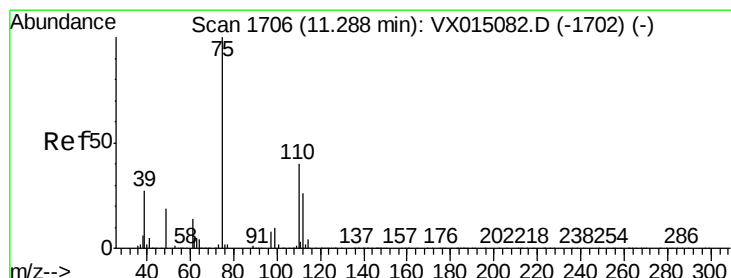
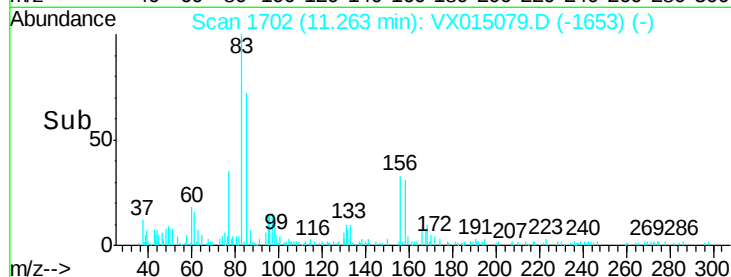
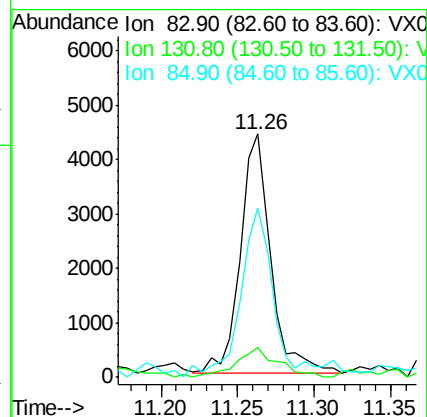
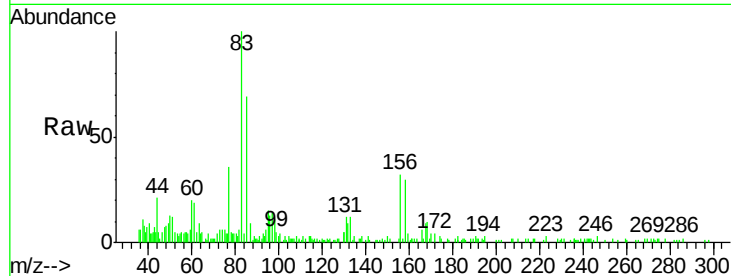
Tgt Ion: 83 Resp: 6011

Ion Ratio Lower Upper

83 100

131 17.4 5.0 14.9#

85 81.1 31.9 95.9



#76

1,2,3-Trichloropropane

Concen: 1.16 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VX015079.D

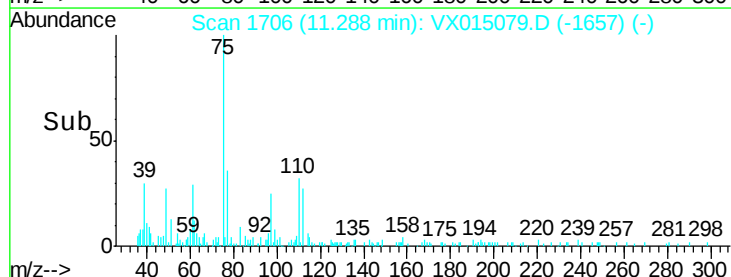
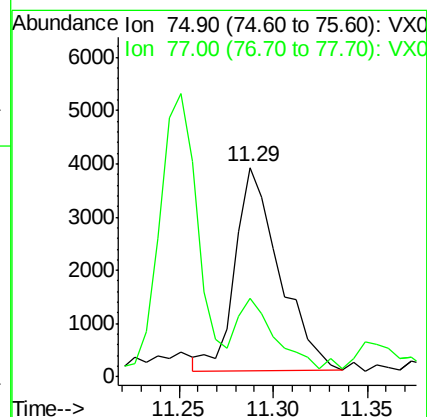
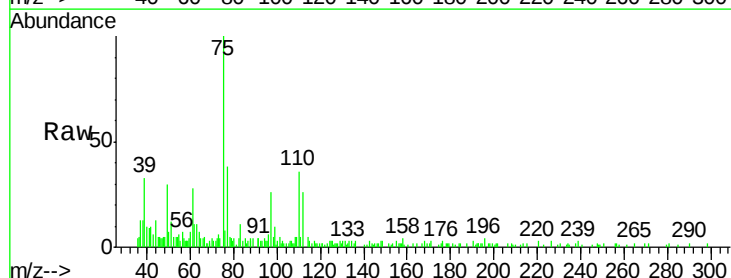
Acq: 04 Mar 2020 08:39

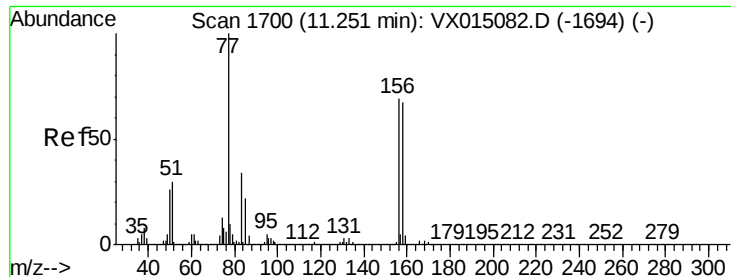
Tgt Ion: 75 Resp: 6246

Ion Ratio Lower Upper

75 100

77 28.5 22.6 67.8





#77

Bromobenzene

Concen: 1.09 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX015079.D

Acq: 04 Mar 2020 08:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

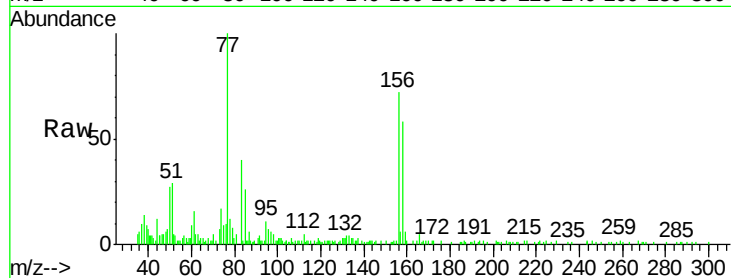
Tgt Ion:156 Resp: 5321

Ion Ratio Lower Upper

156 100

77 134.3 75.3 225.9

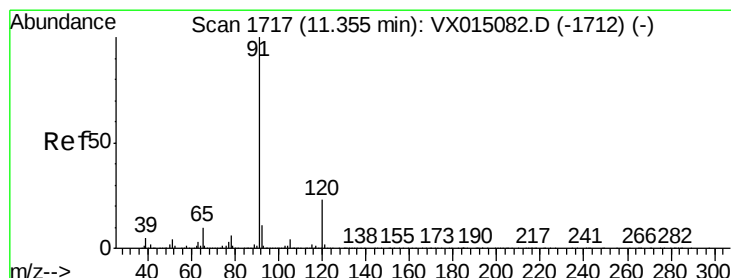
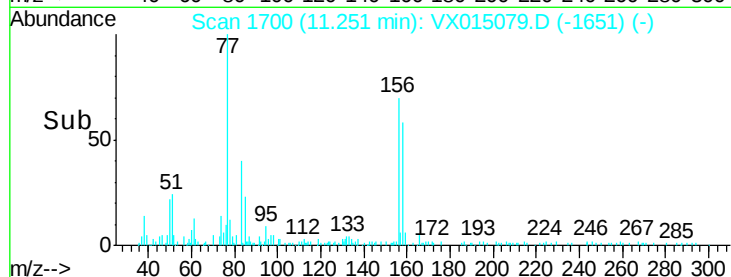
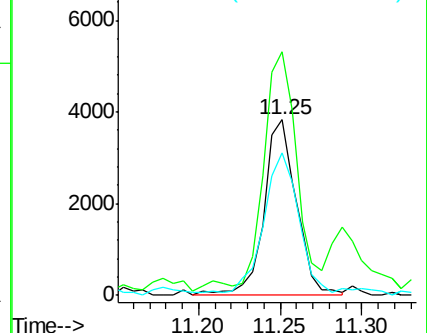
158 86.7 48.5 145.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 0.85 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX015079.D

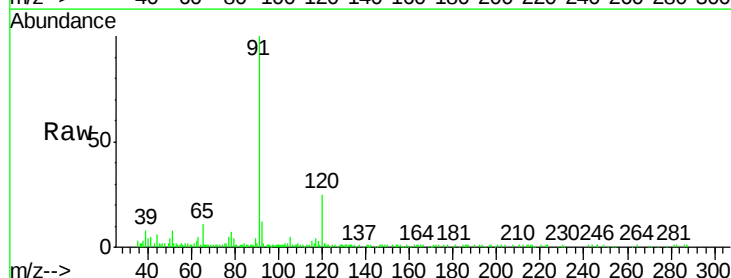
Acq: 04 Mar 2020 08:39

Tgt Ion: 91 Resp: 17050

Ion Ratio Lower Upper

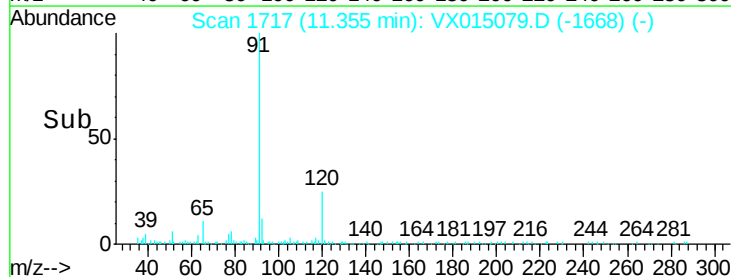
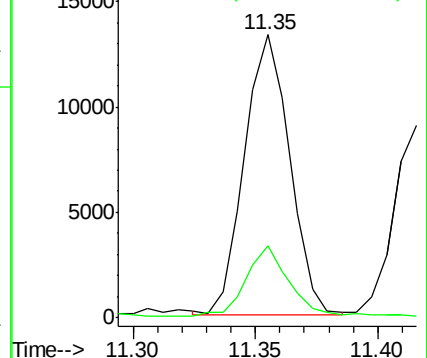
91 100

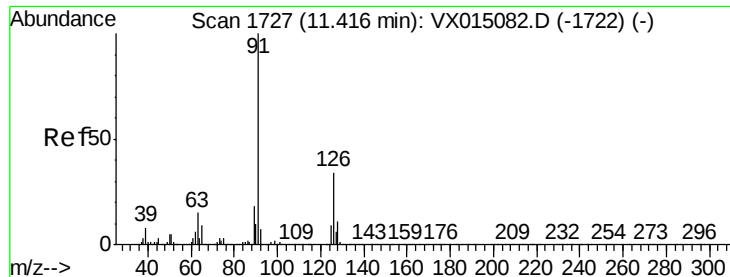
120 27.2 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 0.92 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX015079.D

Acq: 04 Mar 2020 08:39

Instrument :

MSVOA_X

ClientSampleId :

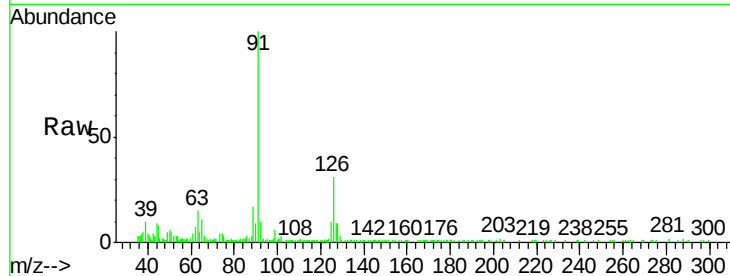
VSTDIC001

Tgt Ion: 91 Resp: 11028

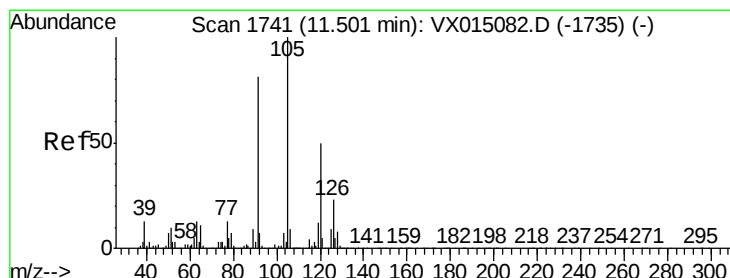
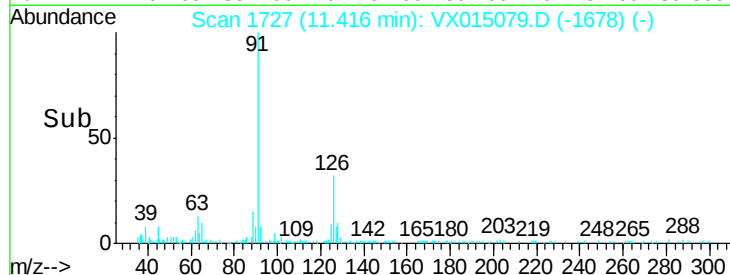
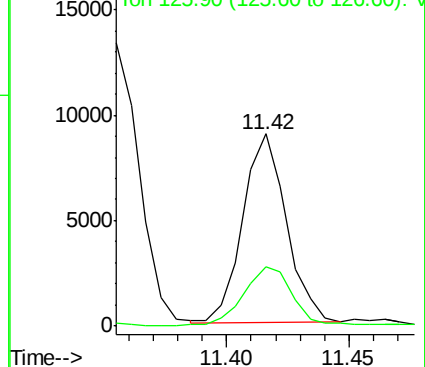
Ion Ratio Lower Upper

91 100

126 37.3 17.3 52.0



Abundance Ion 91.00 (90.70 to 91.70): VX015079.D (-1678) (-)



#80

1,3,5-Trimethylbenzene

Concen: 0.87 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX015079.D

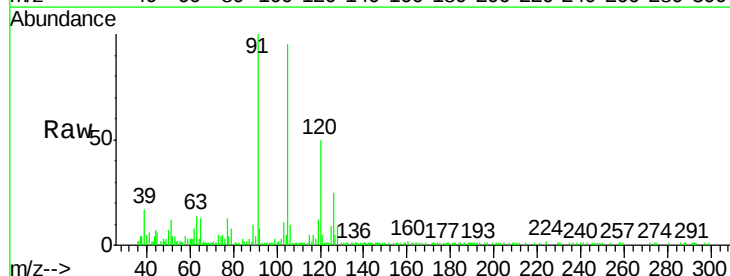
Acq: 04 Mar 2020 08:39

Tgt Ion: 105 Resp: 12665

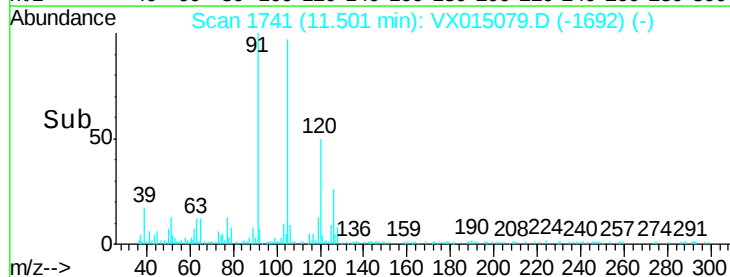
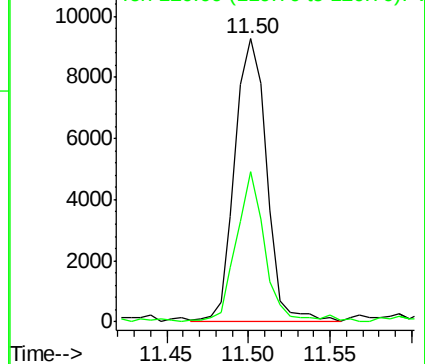
Ion Ratio Lower Upper

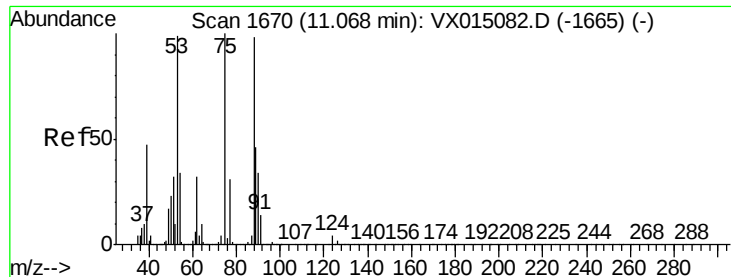
105 100

120 47.4 25.1 75.4



Abundance Ion 105.00 (104.70 to 105.70): VX015079.D (-1692) (-)

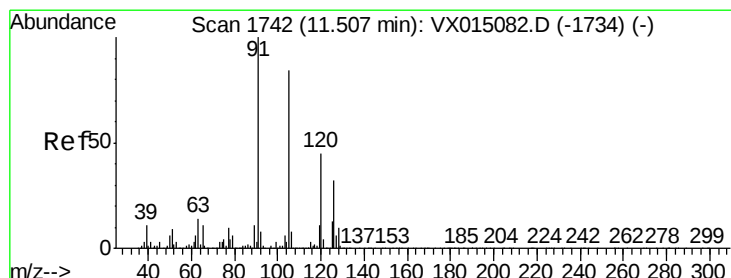
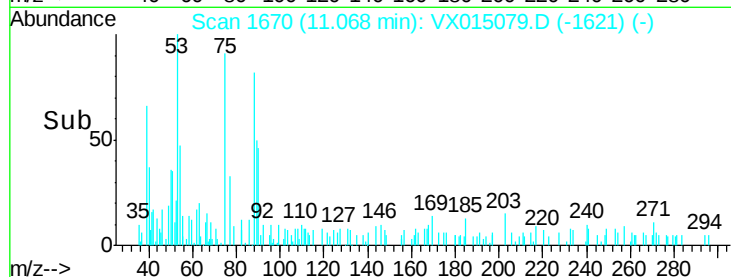
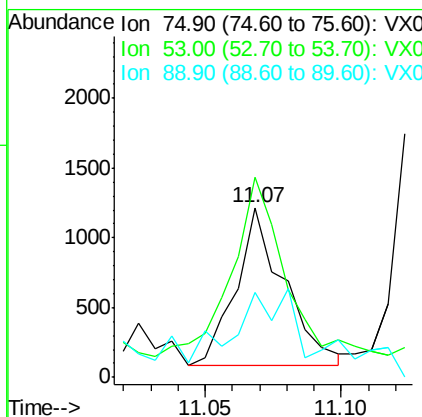
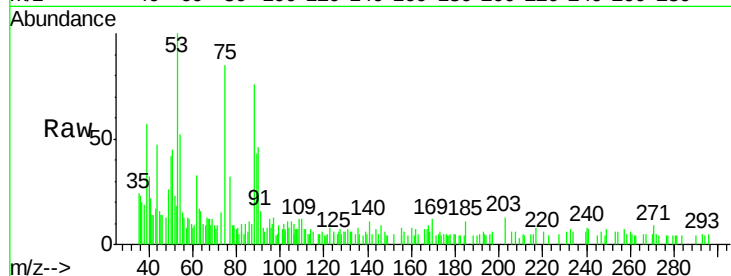




#81
trans-1,4-Dichloro-2-butene
Concen: 0.72 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX015079.D
Acq: 04 Mar 2020 08:39

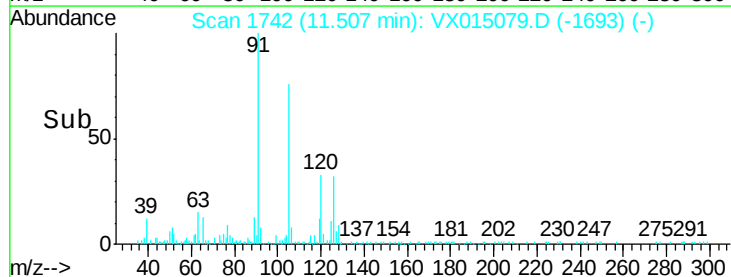
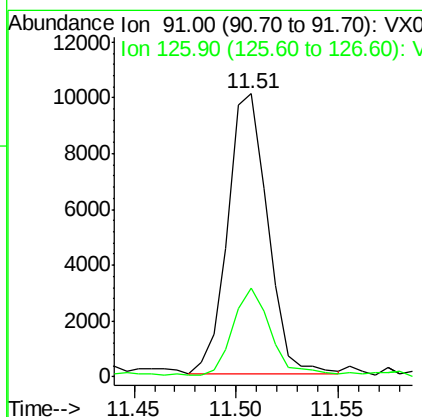
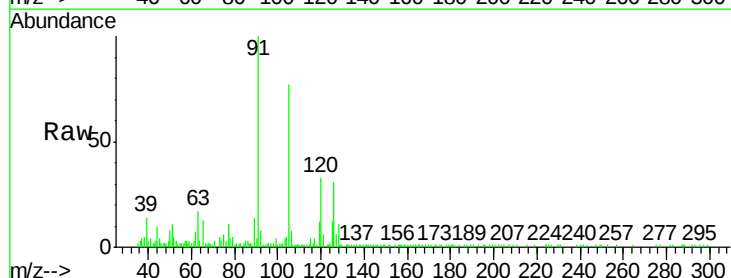
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion: 75 Resp: 1383
Ion Ratio Lower Upper
75 100
53 125.9 77.9 116.9#
89 52.5 36.2 54.2



#82
4-Chlorotoluene
Concen: 0.97 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX015079.D
Acq: 04 Mar 2020 08:39

Tgt Ion: 91 Resp: 13692
Ion Ratio Lower Upper
91 100
126 29.7 15.4 46.2

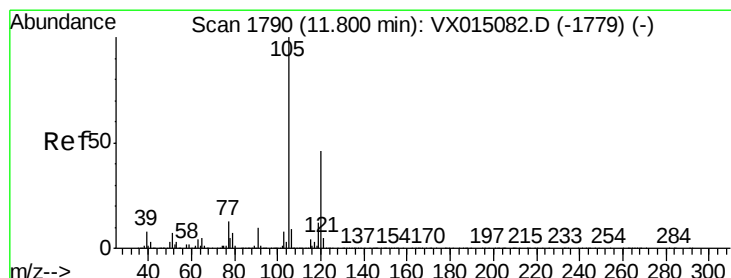
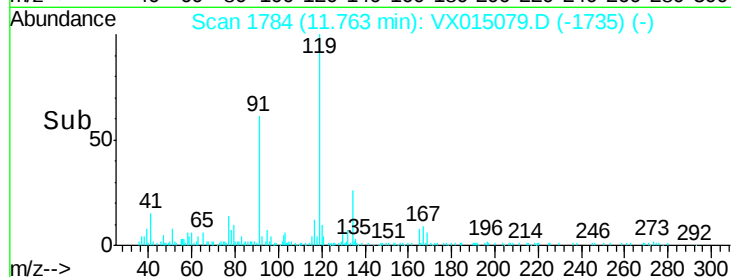
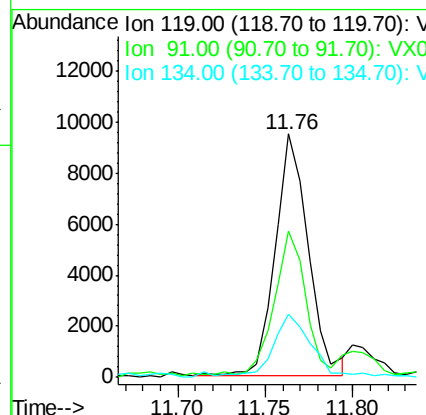
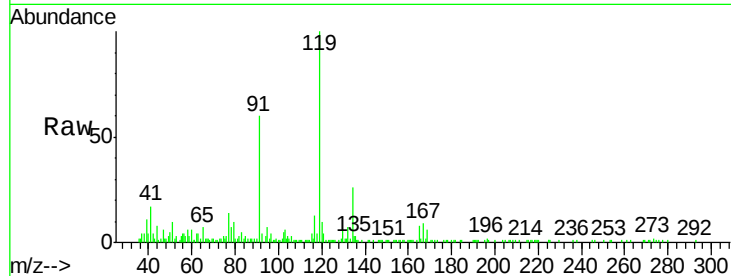




#83
 tert-Butylbenzene
 Concen: 0.88 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. 0.00 min
 Lab File: VX015079.D
 Acq: 04 Mar 2020 08:39

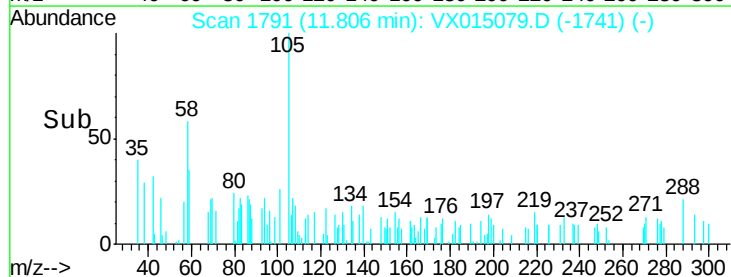
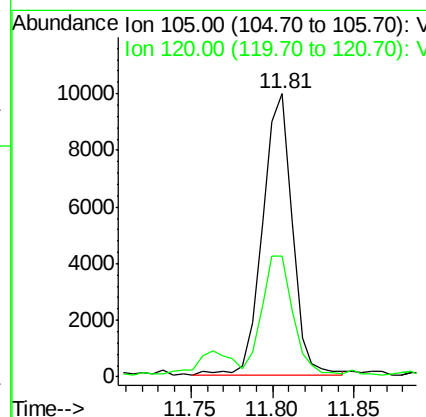
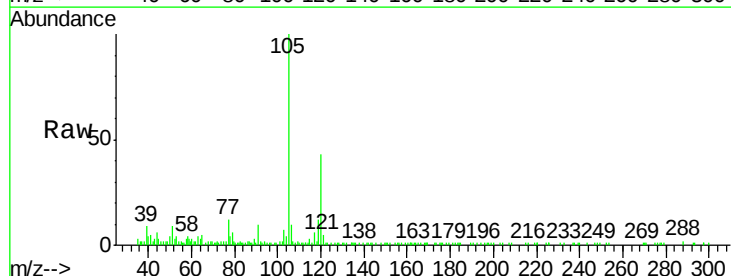
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

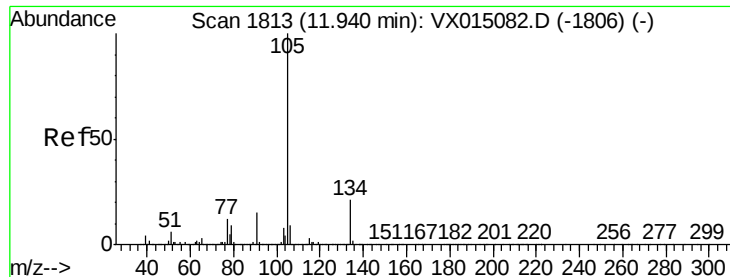
Tgt Ion:	119	Resp:	12377
Ion	Ratio	Lower	Upper
119	100		
91	60.9	28.5	85.6
134	30.8	11.9	35.7



#84
 1,2,4-Trimethylbenzene
 Concen: 0.86 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. 0.01 min
 Lab File: VX015079.D
 Acq: 04 Mar 2020 08:39

Tgt Ion:	105	Resp:	12684
Ion	Ratio	Lower	Upper
105	100		
120	42.9	22.9	68.5

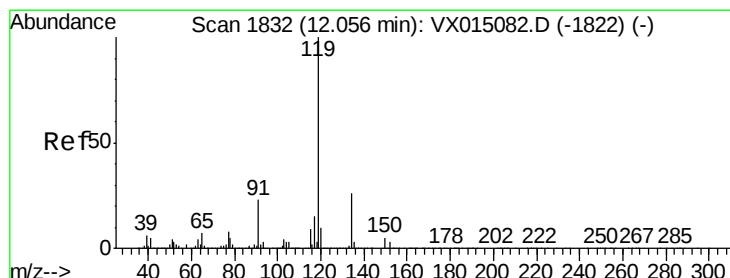
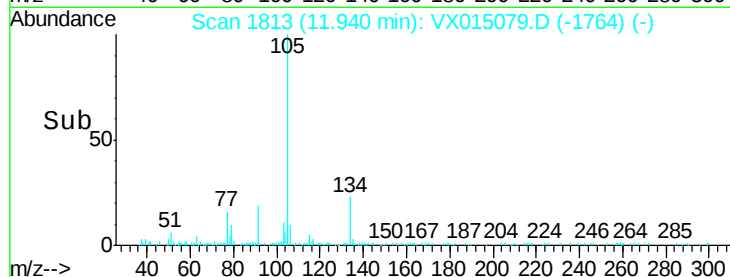
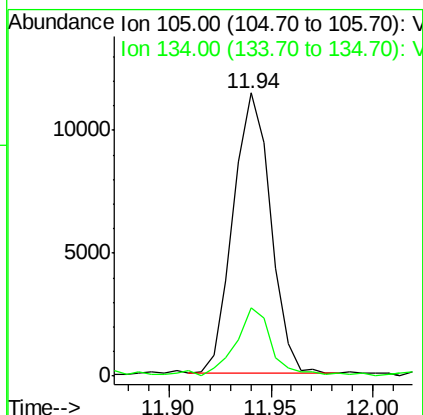
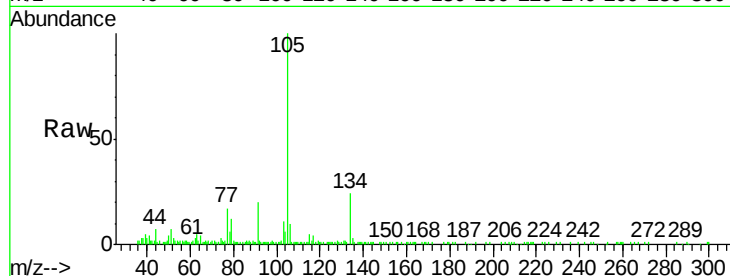




#85
 sec-Butylbenzene
 Concen: 0.85 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX015079.D
 Acq: 04 Mar 2020 08:39

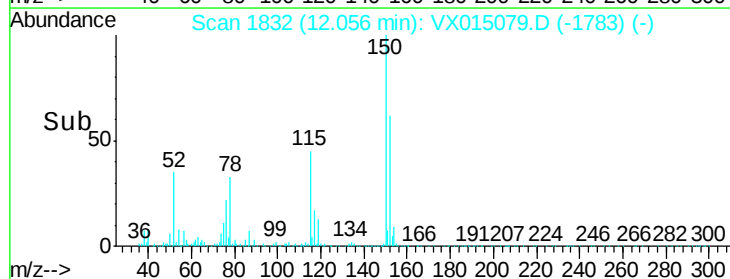
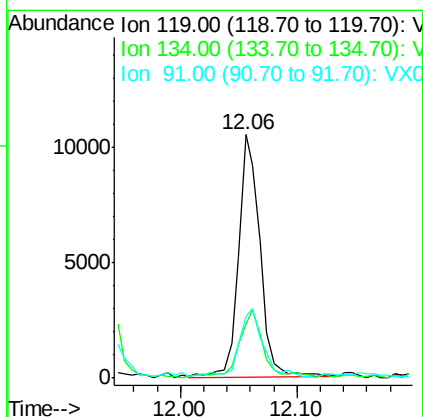
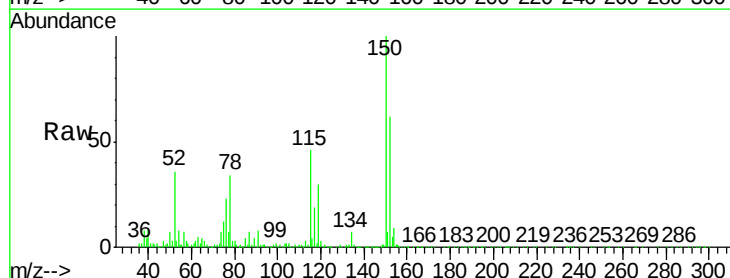
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC001

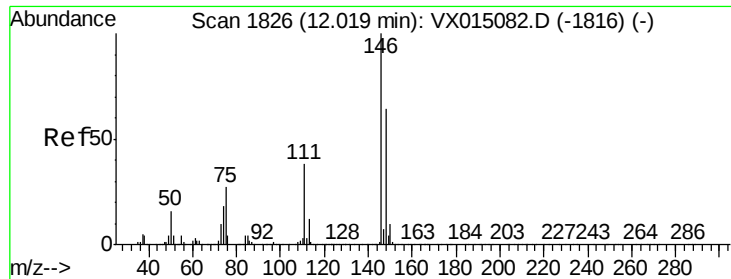
Tgt Ion:105 Resp: 14555
 Ion Ratio Lower Upper
 105 100
 134 24.9 10.4 31.2



#86
 p-Isopropyltoluene
 Concen: 0.85 ug/l
 RT: 12.06 min Scan# 1832
 Delta R.T. 0.00 min
 Lab File: VX015079.D
 Acq: 04 Mar 2020 08:39

Tgt Ion:119 Resp: 13431
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.4 40.1
 91 34.0 11.3 33.8#

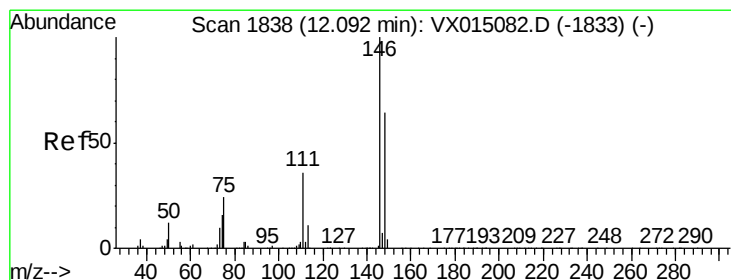
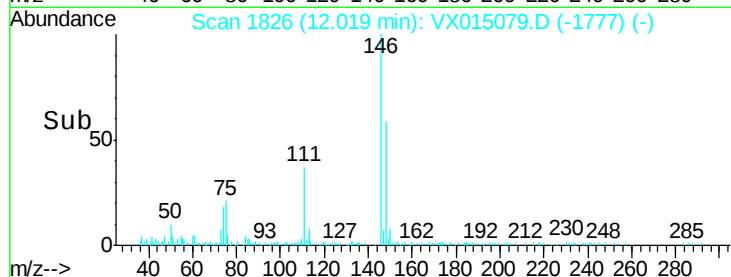
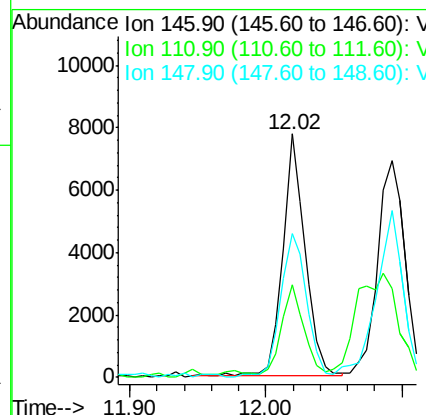
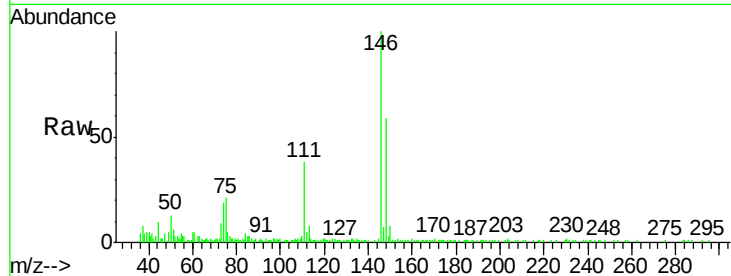




#87
 1,3-Dichlorobenzene
 Concen: 1.02 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX015079.D
 Acq: 04 Mar 2020 08:39

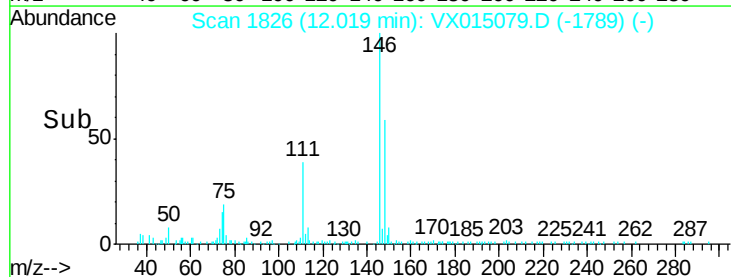
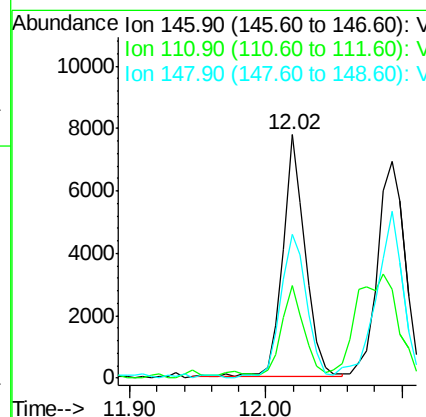
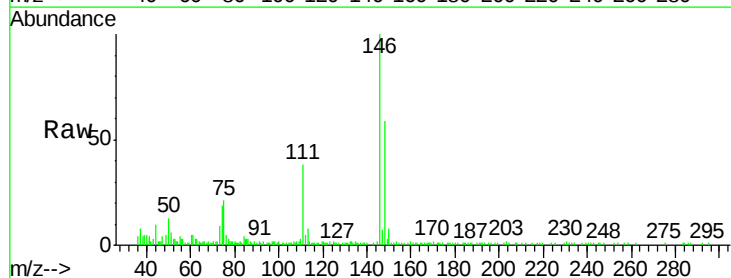
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

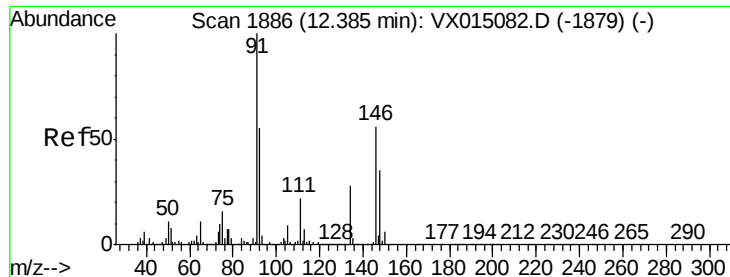
Tgt Ion:146 Resp: 8776
 Ion Ratio Lower Upper
 146 100
 111 39.7 19.1 57.1
 148 70.4 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 1.01 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.07 min
 Lab File: VX015079.D
 Acq: 04 Mar 2020 08:39

Tgt Ion:146 Resp: 8776
 Ion Ratio Lower Upper
 146 100
 111 38.9 18.7 56.1
 148 70.4 32.5 97.4





#89

n-Butylbenzene

Concen: 0.82 ug/l

RT: 12.38 min Scan# 1885

Delta R.T. -0.01 min

Lab File: VX015079.D

Acq: 04 Mar 2020 08:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

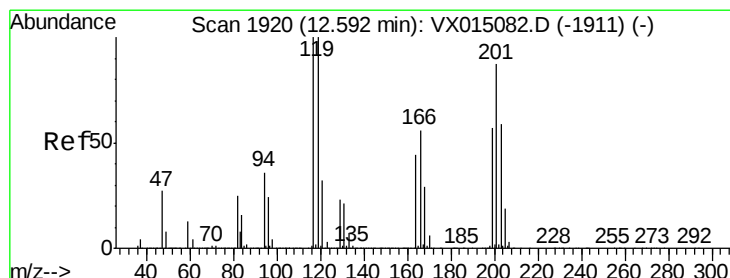
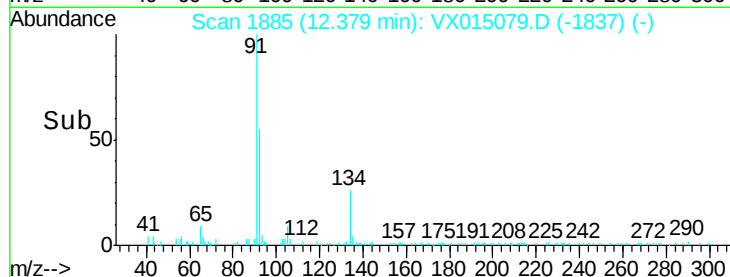
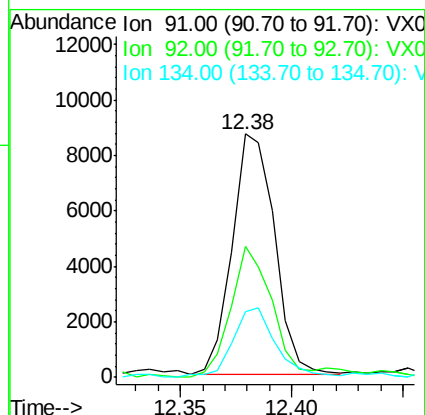
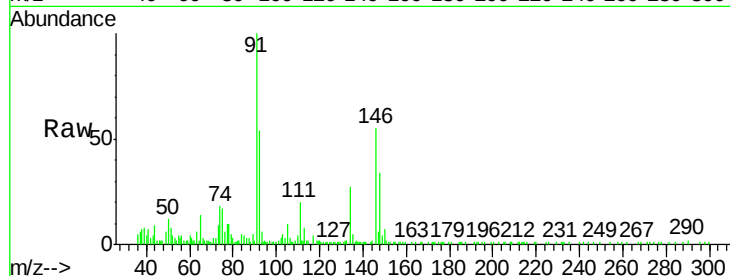
Tgt Ion: 91 Resp: 11473

Ion Ratio Lower Upper

91 100

92 53.0 27.2 81.6

134 29.6 13.5 40.5



#90

Hexachloroethane

Concen: 1.11 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VX015079.D

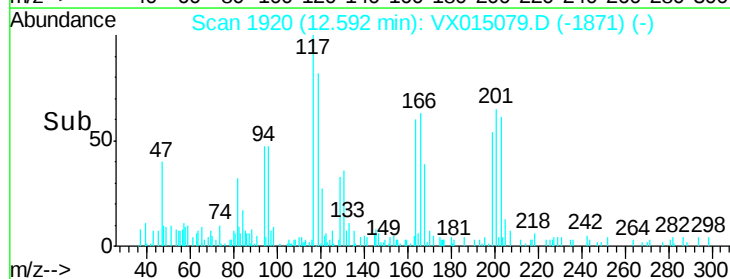
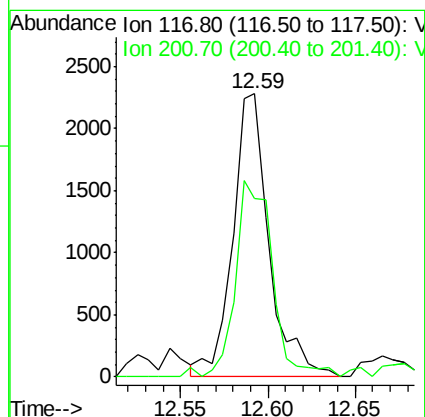
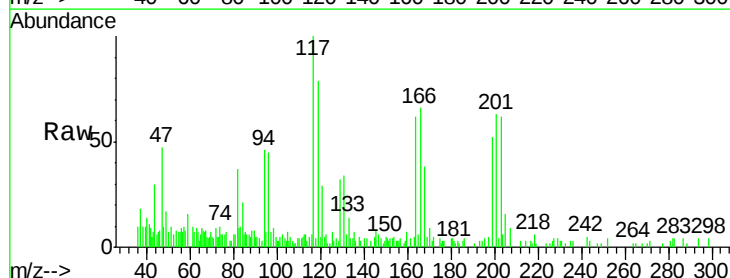
Acq: 04 Mar 2020 08:39

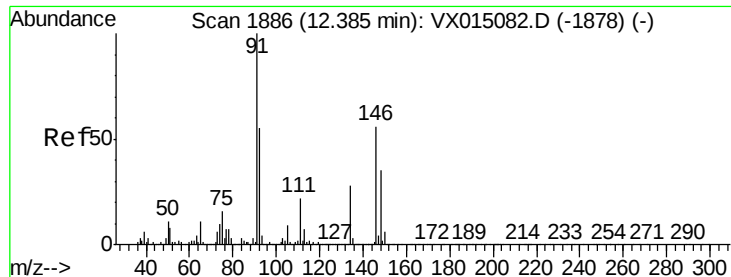
Tgt Ion: 117 Resp: 3298

Ion Ratio Lower Upper

117 100

201 71.0 43.5 130.7

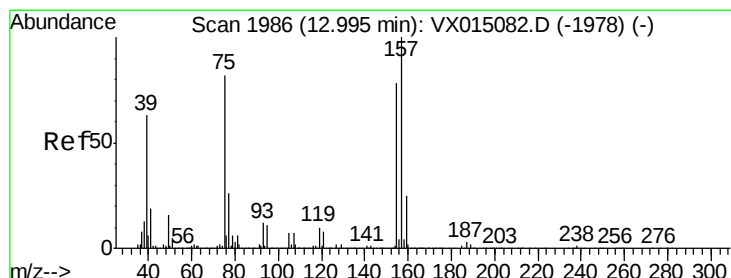
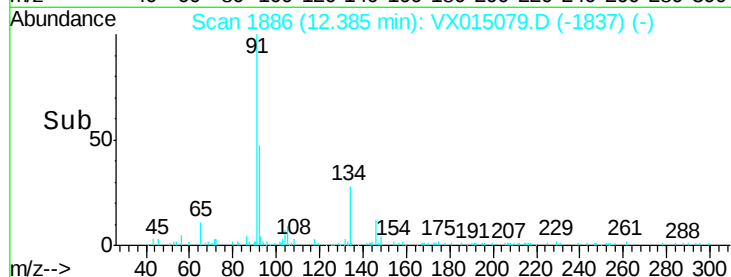
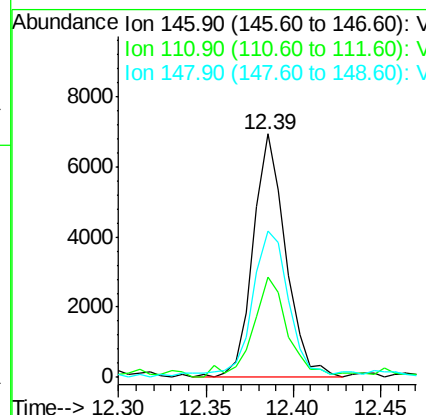
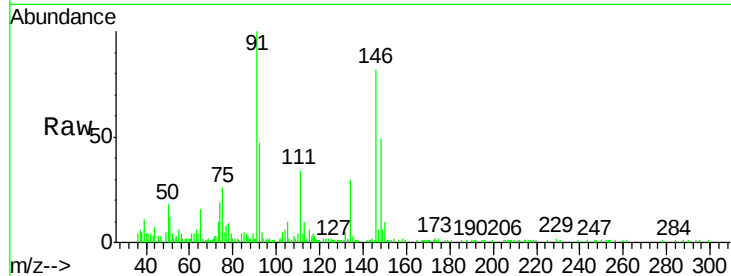




#91
 1,2-Dichlorobenzene
 Concen: 1.05 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX015079.D
 Acq: 04 Mar 2020 08:39

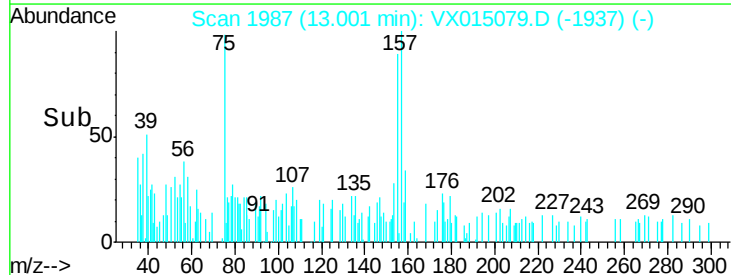
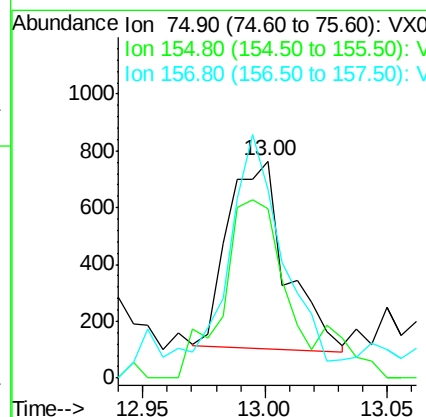
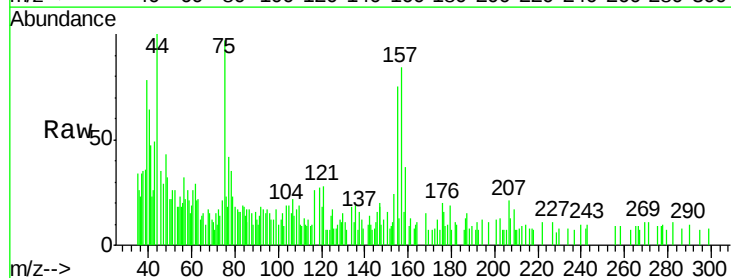
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

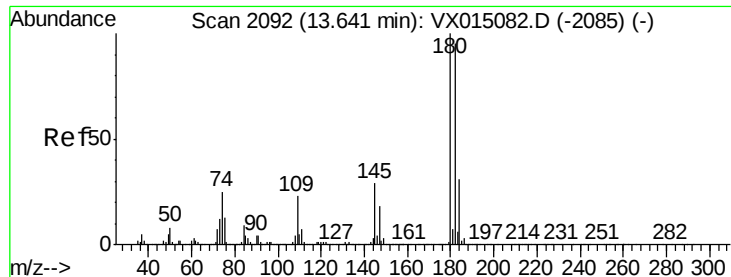
Tgt Ion: 146 Resp: 8950
 Ion Ratio Lower Upper
 146 100
 111 44.7 19.9 59.7
 148 70.3 32.3 96.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.93 ug/l
 RT: 13.00 min Scan# 1987
 Delta R.T. 0.01 min
 Lab File: VX015079.D
 Acq: 04 Mar 2020 08:39

Tgt Ion: 75 Resp: 1087
 Ion Ratio Lower Upper
 75 100
 155 100.3 46.6 139.7
 157 123.6 59.2 177.5

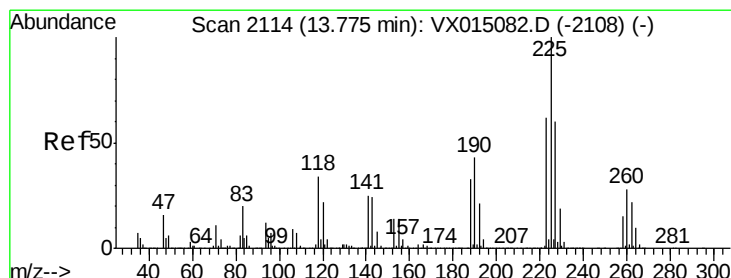
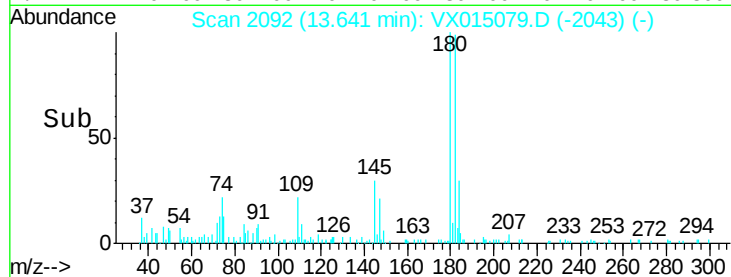
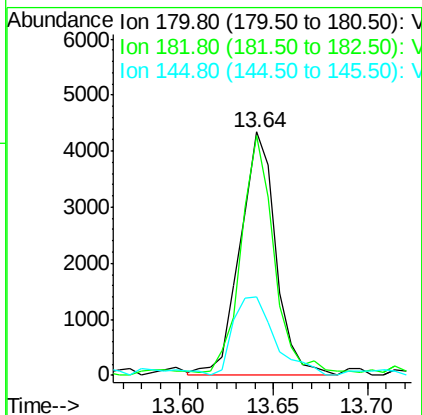
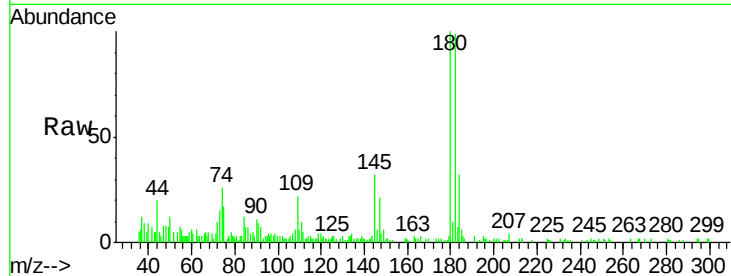




#93
 1,2,4-Trichlorobenzene
 Concen: 0.96 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX015079.D
 Acq: 04 Mar 2020 08:39

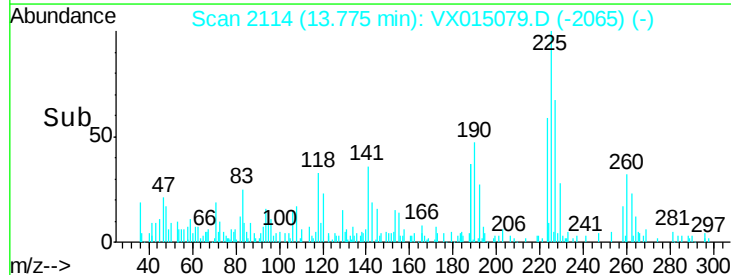
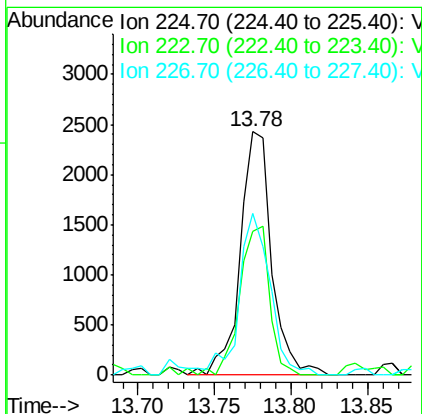
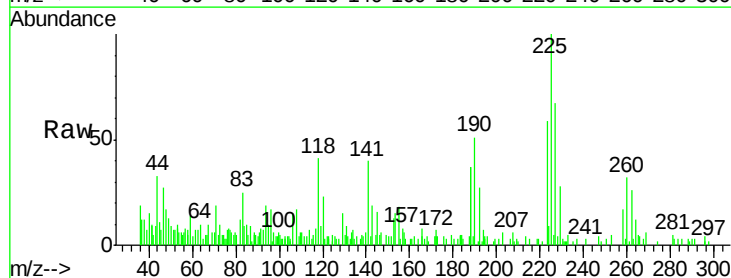
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

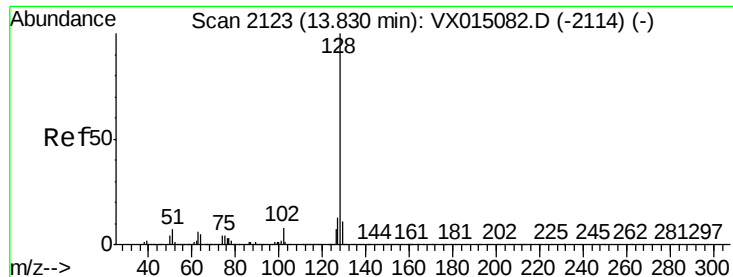
Tgt Ion:180 Resp: 5721
 Ion Ratio Lower Upper
 180 100
 182 89.7 47.6 142.8
 145 37.4 14.1 42.2



#94
 Hexachlorobutadiene
 Concen: 1.14 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX015079.D
 Acq: 04 Mar 2020 08:39

Tgt Ion:225 Resp: 3464
 Ion Ratio Lower Upper
 225 100
 223 57.8 31.3 93.9
 227 65.7 31.1 93.2





#95

Naphthalene

Concen: 0.72 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX015079.D

Acq: 04 Mar 2020 08:39

Instrument :

MSVOA_X

ClientSampled :

VSTDIC001

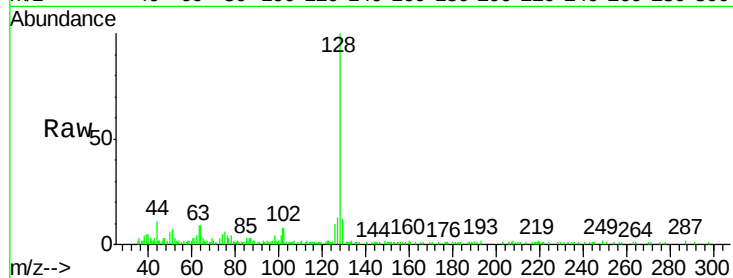
Tgt Ion:128 Resp: 11702

Ion Ratio Lower Upper

128 100

127 13.1 10.3 15.5

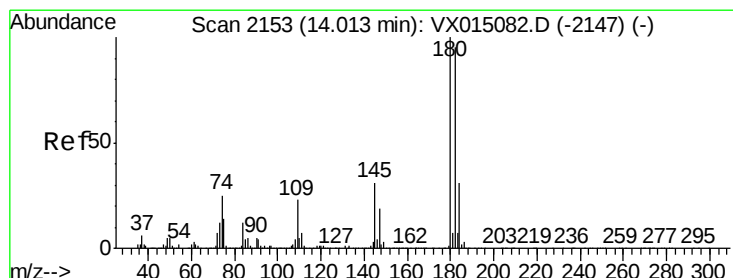
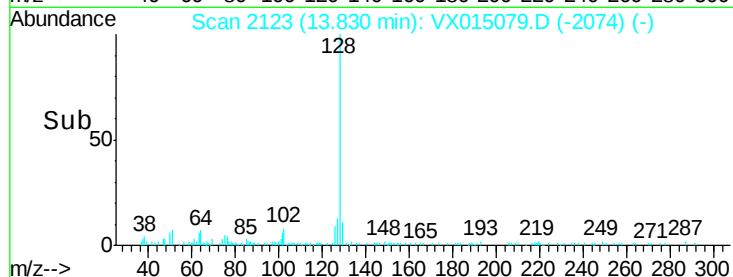
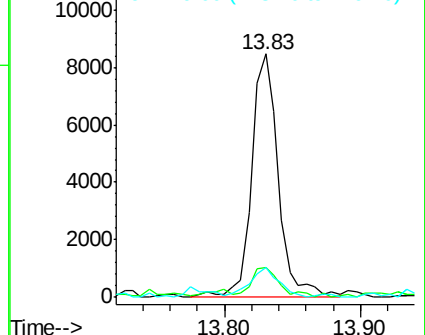
129 13.1 8.6 13.0#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 0.88 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. 0.00 min

Lab File: VX015079.D

Acq: 04 Mar 2020 08:39

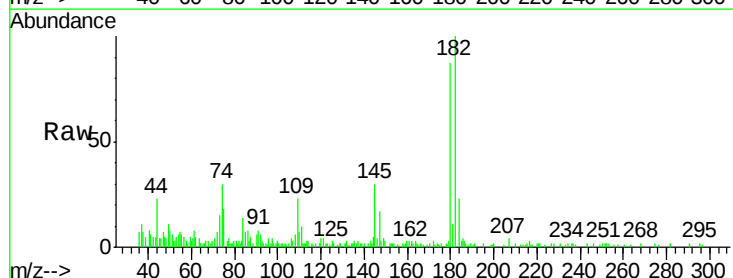
Tgt Ion:180 Resp: 5192

Ion Ratio Lower Upper

180 100

182 105.5 47.8 143.4

145 35.8 15.1 45.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

