

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\WX032720\
 Data File : VX015365.D
 Acq On : 26 Mar 2020 19:31
 Operator : JC/SP
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Quant Time: Apr 23 13:41:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:35:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	1175472	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1854110	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1676582	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	845537	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	17566	1.06	ug/l	0.00
Spiked Amount			Recovery	=	2.12%	
35) Dibromofluoromethane	5.47	113	11118	0.94	ug/l	0.00
Spiked Amount			Recovery	=	1.88%	
50) Toluene-d8	8.70	98	43433	1.00	ug/l	0.00
Spiked Amount			Recovery	=	2.00%	
62) 4-Bromofluorobenzene	11.12	95	19473	1.10	ug/l	0.00
Spiked Amount			Recovery	=	2.20%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	10075	0.97	ug/l	91
3) Chloromethane	1.31	50	12413	0.94	ug/l	99
4) Vinyl Chloride	1.39	62	12401	1.02	ug/l	94
5) Bromomethane	1.63	94	9314	Below Cal		90
6) Chloroethane	1.72	64	8242	1.10	ug/l	96
7) Trichlorofluoromethane	1.92	101	16960	1.04	ug/l	94
8) Diethyl Ether	2.17	74	7656	1.12	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.37	101	11468	1.08	ug/l #	93
10) Methyl Iodide	2.49	142	10062	0.70	ug/l	95
11) Tert butyl alcohol	3.01	59	28832	7.27	ug/l	96
12) 1,1-Dichloroethene	2.36	96	11391	1.03	ug/l	97
13) Acrolein	2.27	56	13103	5.80	ug/l	98
14) Allyl chloride	2.70	41	25911	1.00	ug/l #	96
15) Acrylonitrile	3.12	53	37537	4.96	ug/l	97
16) Acetone	2.42	43	38422	5.39	ug/l	98
17) Carbon Disulfide	2.55	76	36200	1.07	ug/l	100
18) Methyl Acetate	2.75	43	18355	1.01	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	42342	0.98	ug/l	94
20) Methylene Chloride	2.84	84	14734	1.11	ug/l #	85
21) trans-1,2-Dichloroethene	3.14	96	12787	1.04	ug/l	93
22) Diisopropyl ether	3.83	45	42806	0.93	ug/l #	85
23) Vinyl Acetate	3.79	43	205883	4.95	ug/l	99
24) 1,1-Dichloroethane	3.67	63	25335	1.05	ug/l #	91
25) 2-Butanone	4.65	43	59157	5.16	ug/l #	88
26) 2,2-Dichloropropane	4.56	77	21009	1.06	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	14554	1.02	ug/l	95
28) Bromochloromethane	4.99	49	10611	0.92	ug/l #	81
29) Tetrahydrofuran	5.10	42	36445	4.95	ug/l	93
30) Chloroform	5.18	83	23121	0.99	ug/l	84
31) Cyclohexane	5.55	56	22381	1.07	ug/l #	88
32) 1,1,1-Trichloroethane	5.47	97	21128	1.00	ug/l #	51
36) 1,1-Dichloropropene	5.77	75	17552	1.03	ug/l	93
37) Ethyl Acetate	4.80	43	23830	1.07	ug/l #	86
38) Carbon Tetrachloride	5.76	117	19379	1.05	ug/l #	93

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	20500	1.04	ug/l	90
40) Benzene	6.12	78	49986	1.00	ug/l	99
41) Methacrylonitrile	5.00	41	11530	0.93	ug/l #	76
42) 1,2-Dichloroethane	6.17	62	19869	0.99	ug/l	88
43) Isopropyl Acetate	6.42	43	36223	0.96	ug/l #	91
44) Trichloroethene	7.19	130	13880	1.02	ug/l	94
45) 1,2-Dichloropropane	7.49	63	14183	1.04	ug/l #	88
46) Dibromomethane	7.64	93	9176	1.02	ug/l	95
47) Bromodichloromethane	7.88	83	18285	0.96	ug/l #	89
48) Methyl methacrylate	7.75	41	18004	0.96	ug/l	99
49) 1,4-Dioxane	7.73	88	6743	19.27	ug/l	90
51) 4-Methyl-2-Pentanone	8.62	43	106166	4.99	ug/l	98
52) Toluene	8.77	92	30088	0.98	ug/l	95
53) t-1,3-Dichloropropene	9.03	75	23450	1.04	ug/l	96
54) cis-1,3-Dichloropropene	8.42	75	21659	0.95	ug/l #	89
55) 1,1,2-Trichloroethane	9.20	97	12067	0.95	ug/l #	85
56) Ethyl methacrylate	9.16	69	22190	1.00	ug/l	93
57) 1,3-Dichloropropane	9.36	76	24683	1.08	ug/l	96
58) 2-Chloroethyl Vinyl ether	8.29	63	52819	4.87	ug/l	93
59) 2-Hexanone	9.48	43	75696	4.71	ug/l	98
60) Dibromochloromethane	9.57	129	13813	0.91	ug/l	100
61) 1,2-Dibromoethane	9.65	107	13257	0.96	ug/l	97
64) Tetrachloroethene	9.32	164	14059	1.11	ug/l	95
65) Chlorobenzene	10.12	112	35522	1.06	ug/l	94
66) 1,1,1,2-Tetrachloroethane	10.20	131	13589	1.02	ug/l #	67
67) Ethyl Benzene	10.24	91	60133	1.01	ug/l	99
68) m/p-Xylenes	10.34	106	44814	2.03	ug/l	94
69) o-Xylene	10.68	106	21219	0.97	ug/l	96
70) Styrene	10.70	104	39343	1.02	ug/l	96
71) Bromoform	10.84	173	12161	1.00	ug/l #	99
73) Isopropylbenzene	11.00	105	59625	1.08	ug/l	96
74) N-amyl acetate	10.89	43	30917	1.00	ug/l #	95
75) 1,1,2,2-Tetrachloroethane	11.25	83	19789	1.04	ug/l	97
76) 1,2,3-Trichloropropane	11.28	75	22592	1.30	ug/l	91
77) Bromobenzene	11.25	156	15431	1.04	ug/l	95
78) n-propylbenzene	11.35	91	67308	1.06	ug/l	99
79) 2-Chlorotoluene	11.41	91	41090	1.06	ug/l	97
80) 1,3,5-Trimethylbenzene	11.49	105	49590	1.05	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.06	75	7273	1.00	ug/l	97
82) 4-Chlorotoluene	11.49	91	48746	1.07	ug/l	99
83) tert-Butylbenzene	11.76	119	48024	1.04	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	50200	1.04	ug/l	97
85) sec-Butylbenzene	11.93	105	57430	1.07	ug/l	100
86) p-Isopropyltoluene	12.05	119	50168	1.01	ug/l	90
87) 1,3-Dichlorobenzene	12.01	146	27653	1.05	ug/l	97
88) 1,4-Dichlorobenzene	12.01	146	27653	1.03	ug/l	98
89) n-Butylbenzene	12.37	91	47221	1.05	ug/l	99
90) Hexachloroethane	12.58	117	9916	1.03	ug/l	92
91) 1,2-Dichlorobenzene	12.38	146	26131	1.01	ug/l	94
92) 1,2-Dibromo-3-Chloropropan	12.98	75	6822	1.27	ug/l	79

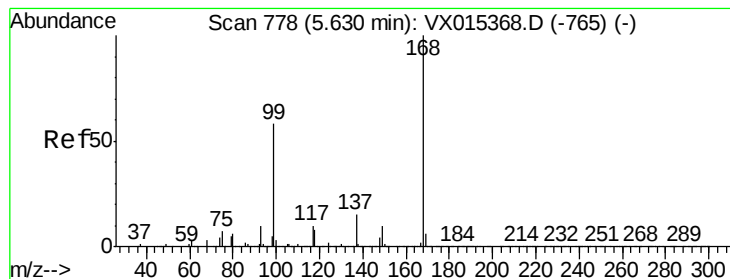
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032720\
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MSVOA_X
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	22429	1.10	ug/l	96
94) Hexachlorobutadiene	13.77	225	11429	1.17	ug/l	97
95) Naphthalene	13.82	128	63512	1.02	ug/l	98
96) 1,2,3-Trichlorobenzene	14.01	180	19249	0.98	ug/l	93

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.64 min Scan# 779

Delta R.T. 0.01 min

Lab File: VX015365.D

Acq: 26 Mar 2020 19:31

Instrument :

MSVOA_X

ClientSampleId :

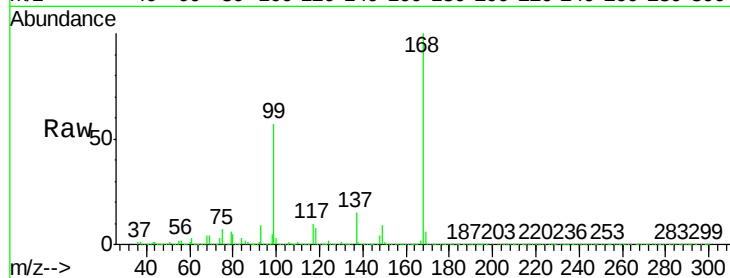
VSTDIC001

Tgt Ion:168 Resp: 1175472

Ion Ratio Lower Upper

168 100

99 56.7 46.4 69.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

400000

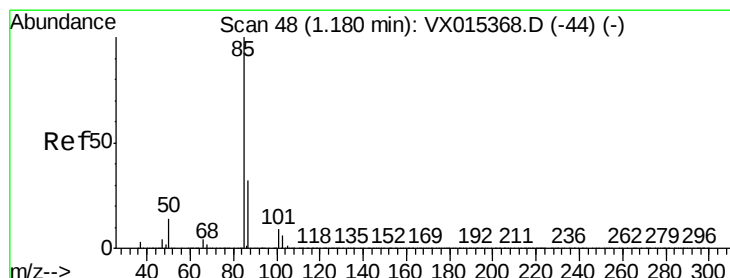
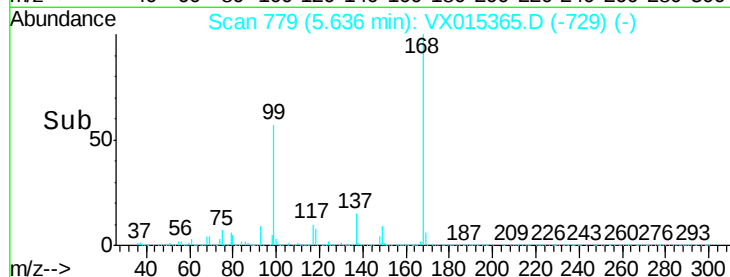
300000

200000

100000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 0.97 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.01 min

Lab File: VX015365.D

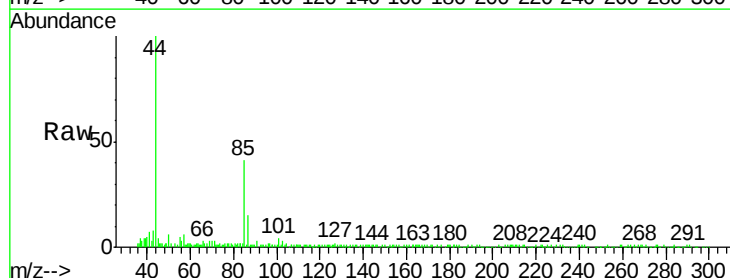
Acq: 26 Mar 2020 19:31

Tgt Ion: 85 Resp: 10075

Ion Ratio Lower Upper

85 100

87 36.8 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

12000

10000

8000

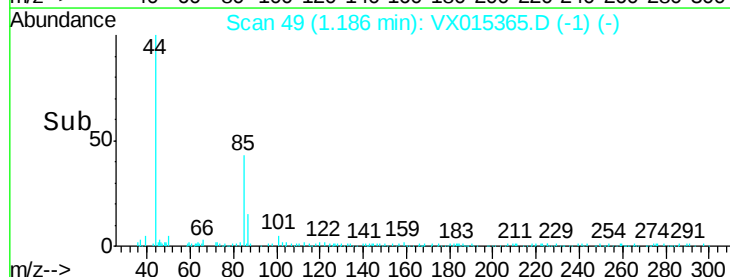
6000

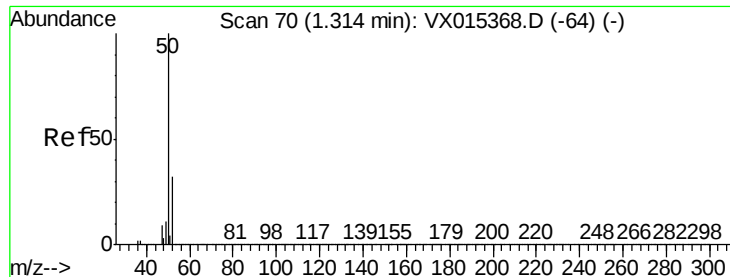
4000

2000

0

Time-->





#3

Chloromethane

Concen: 0.94 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.00 min

Lab File: VX015365.D

Acq: 26 Mar 2020 19:31

Instrument :

MSVOA_X

ClientSampleId :

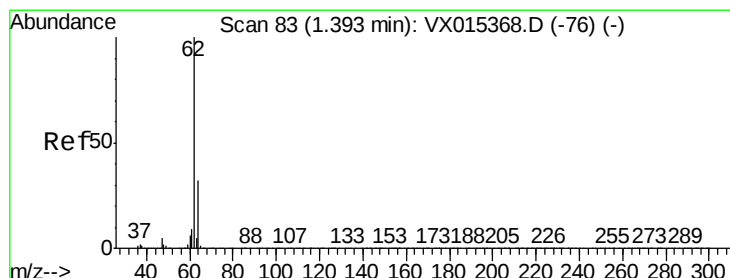
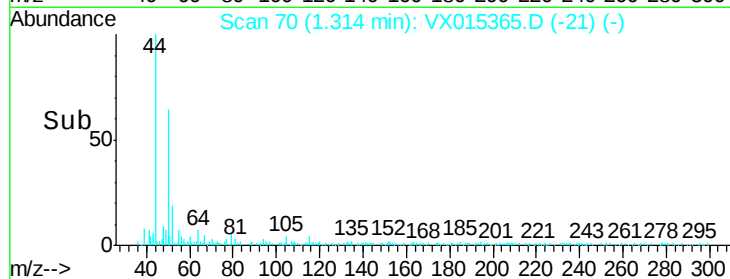
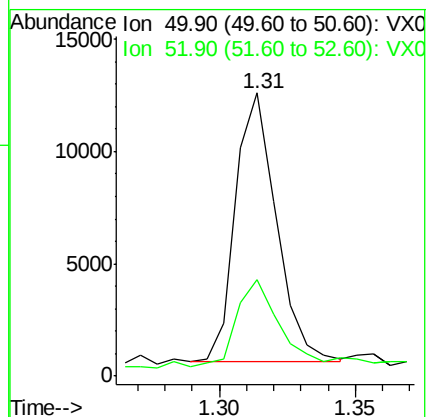
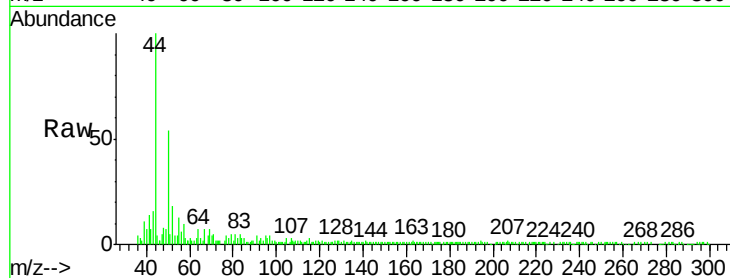
VSTDIC001

Tgt Ion: 50 Resp: 12413

Ion Ratio Lower Upper

50 100

52 32.3 25.3 37.9



#4

Vinyl Chloride

Concen: 1.02 ug/l

RT: 1.39 min Scan# 83

Delta R.T. -0.00 min

Lab File: VX015365.D

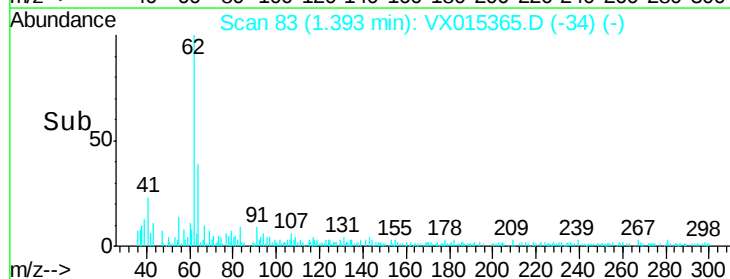
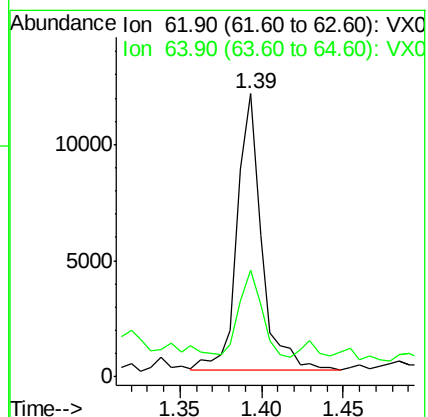
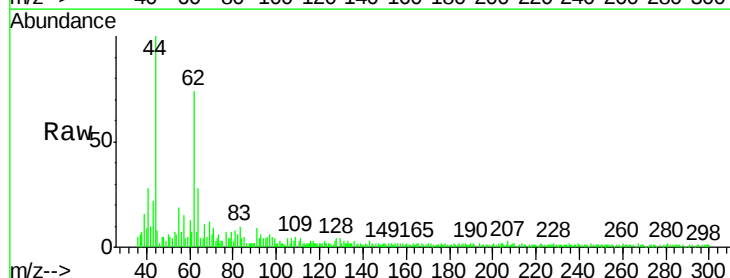
Acq: 26 Mar 2020 19:31

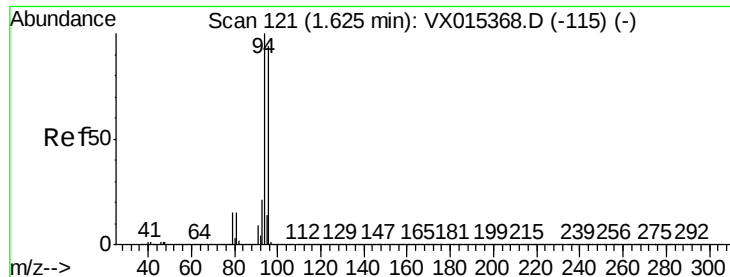
Tgt Ion: 62 Resp: 12401

Ion Ratio Lower Upper

62 100

64 29.3 26.0 39.0





#5

Bromomethane

Concen: Below Cal

RT: 1.63 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX015365.D

Acq: 26 Mar 2020 19:31

Instrument :

MSVOA_X

ClientSampleId :

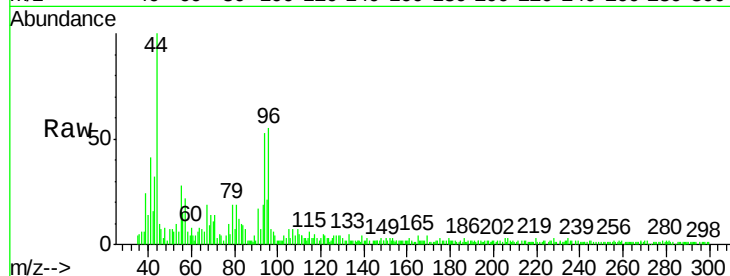
VSTDIC001

Tgt Ion: 94 Resp: 9314

Ion Ratio Lower Upper

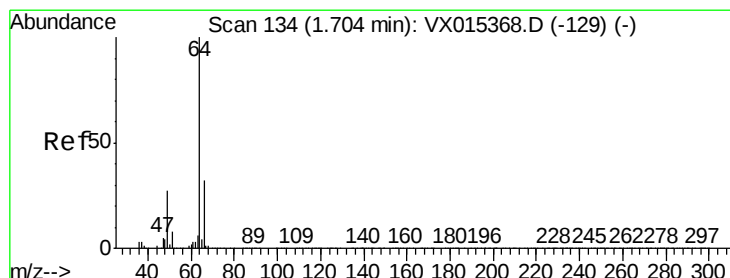
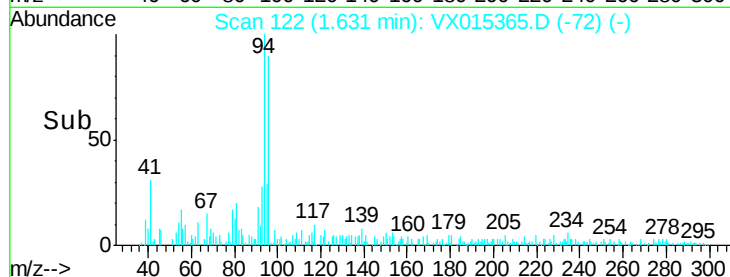
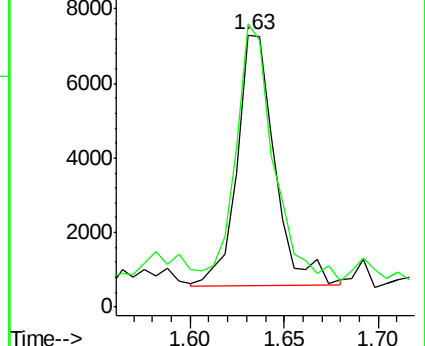
94 100

96 103.4 74.8 112.2



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 1.10 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX015365.D

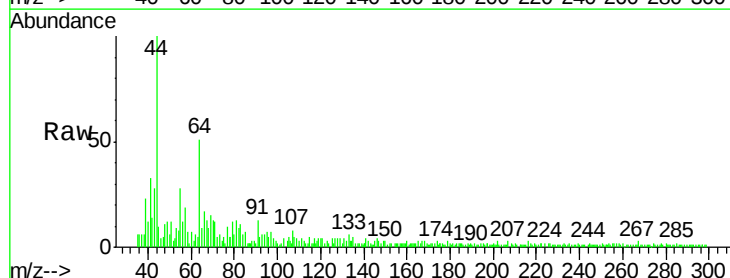
Acq: 26 Mar 2020 19:31

Tgt Ion: 64 Resp: 8242

Ion Ratio Lower Upper

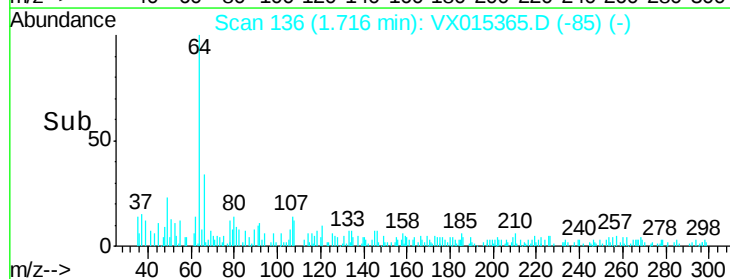
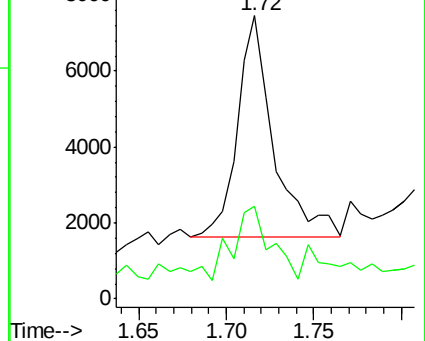
64 100

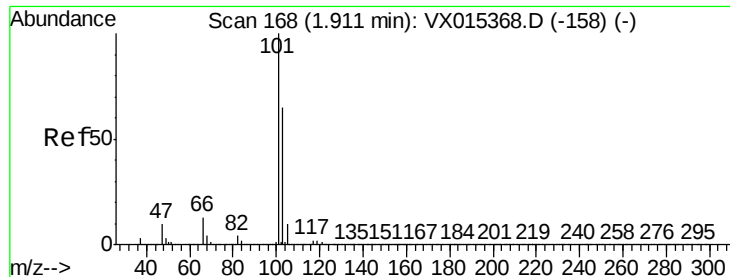
66 29.8 25.4 38.2



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

Trichlorofluoromethane

Concen: 1.04 ug/l

RT: 1.92 min Scan# 169

Delta R.T. 0.01 min

Lab File: VX015365.D

Acq: 26 Mar 2020 19:31

Instrument :

MSVOA_X

ClientSampleId :

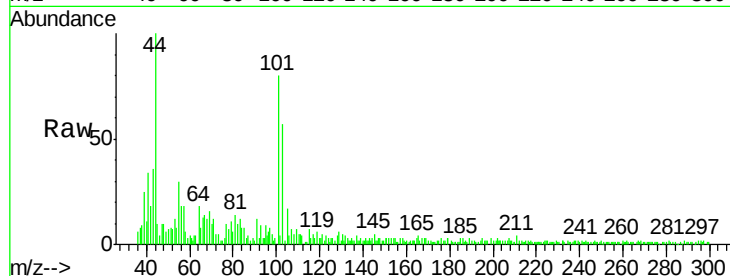
VSTDIC001

Tgt Ion: 101 Resp: 16960

Ion Ratio Lower Upper

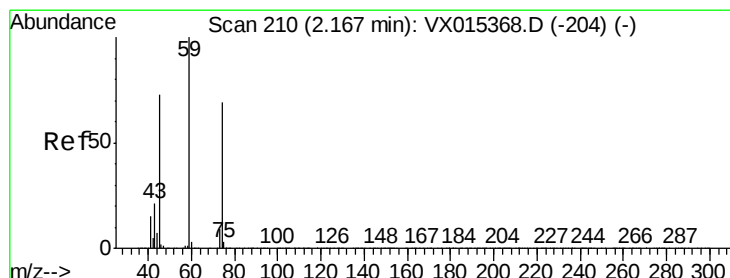
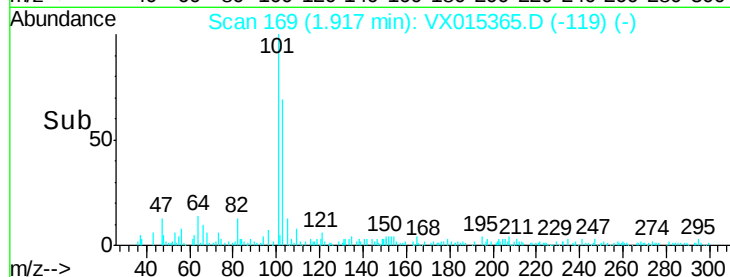
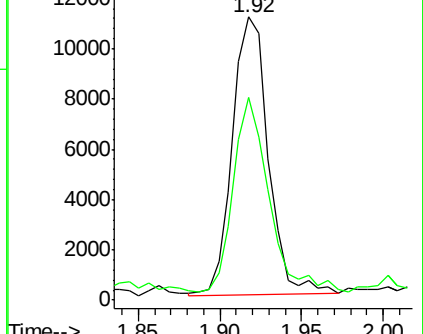
101 100

103 70.1 52.3 78.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 1.12 ug/l

RT: 2.17 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX015365.D

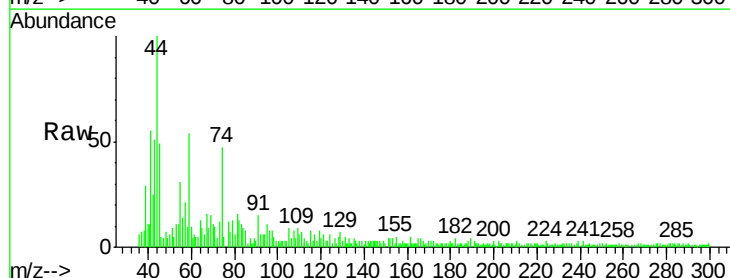
Acq: 26 Mar 2020 19:31

Tgt Ion: 74 Resp: 7656

Ion Ratio Lower Upper

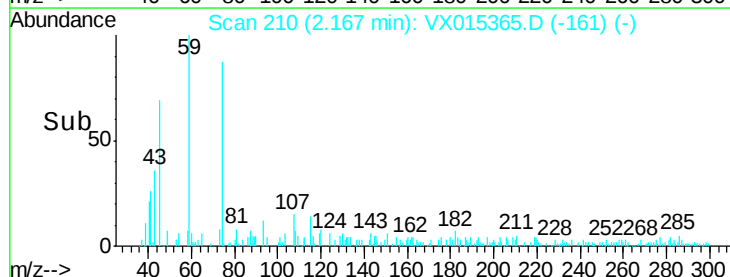
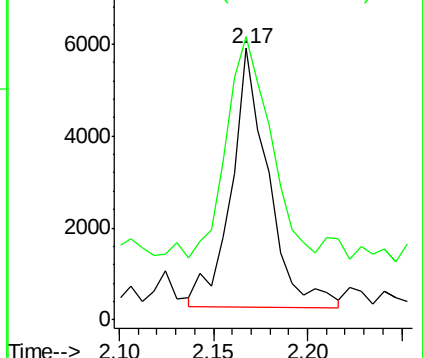
74 100

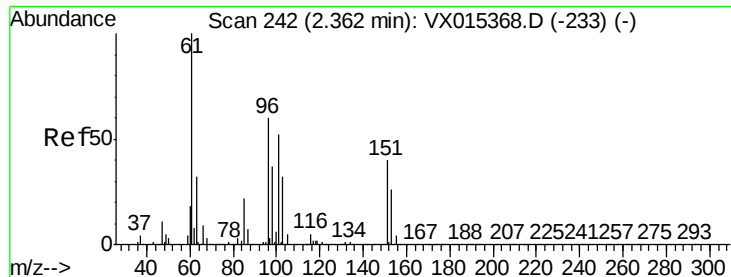
45 100.2 53.8 161.4



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.08 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.01 min

Lab File: VX015365.D

Acq: 26 Mar 2020 19:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

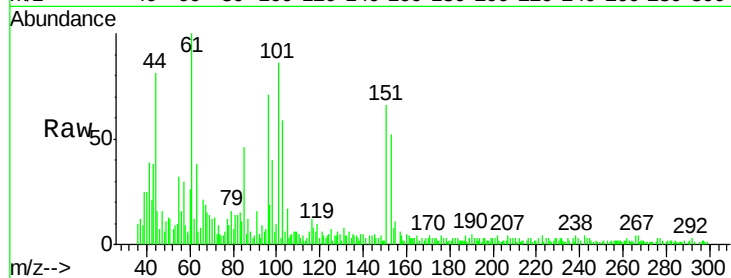
Tgt Ion:101 Resp: 11468

Ion Ratio Lower Upper

101 100

85 54.6 35.0 52.4#

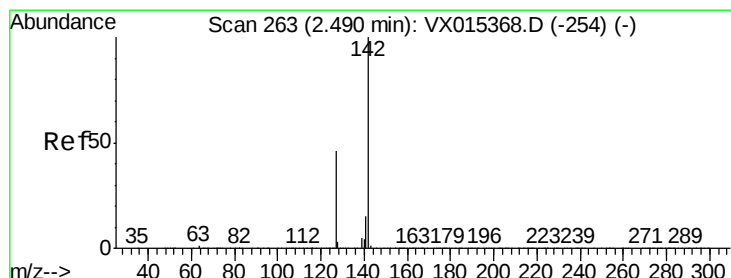
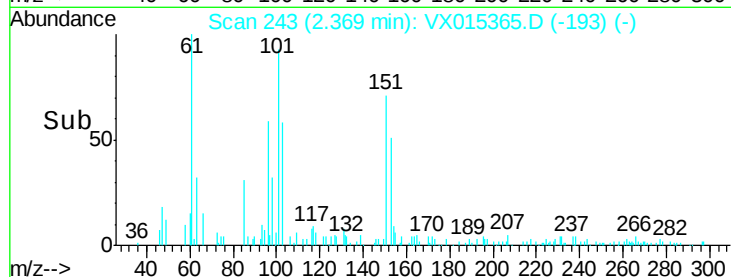
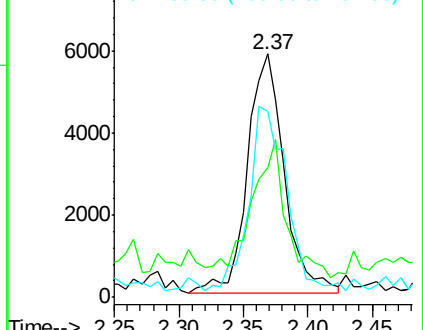
151 78.6 64.1 96.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 0.70 ug/l

RT: 2.49 min Scan# 263

Delta R.T. -0.00 min

Lab File: VX015365.D

Acq: 26 Mar 2020 19:31

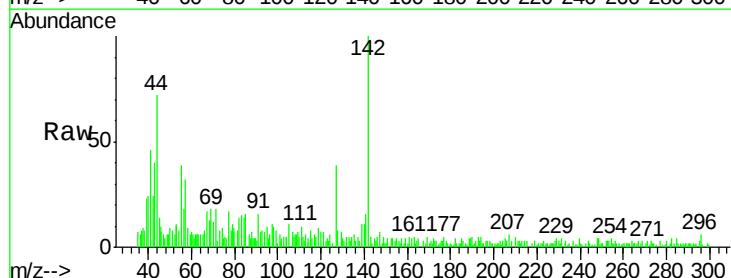
Tgt Ion:142 Resp: 10062

Ion Ratio Lower Upper

142 100

127 41.3 35.9 53.9

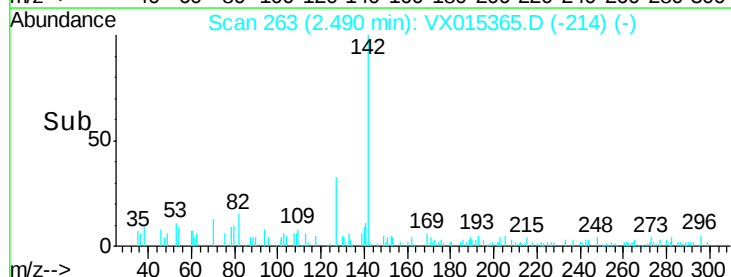
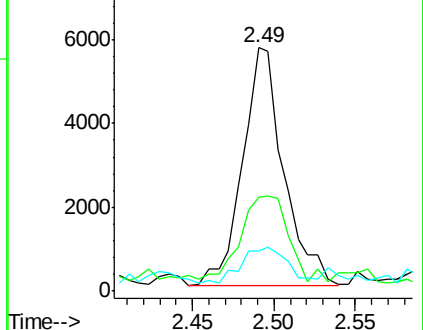
141 16.2 11.6 17.4

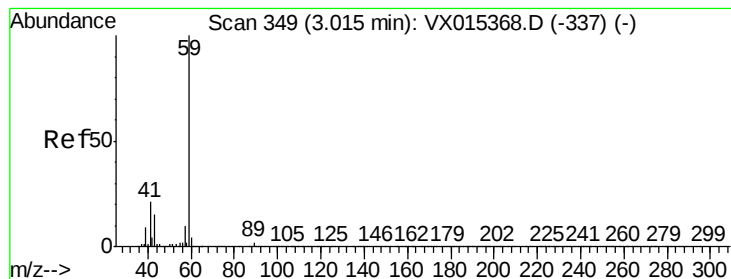


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 7.27 ug/l

RT: 3.01 min Scan# 348

Delta R.T. -0.01 min

Lab File: VX015365.D

Acq: 26 Mar 2020 19:31

Instrument :

MSVOA_X

ClientSampled :

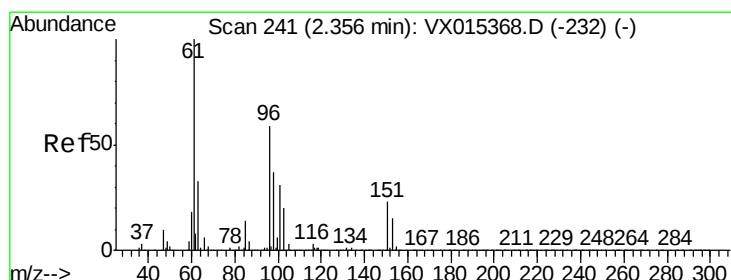
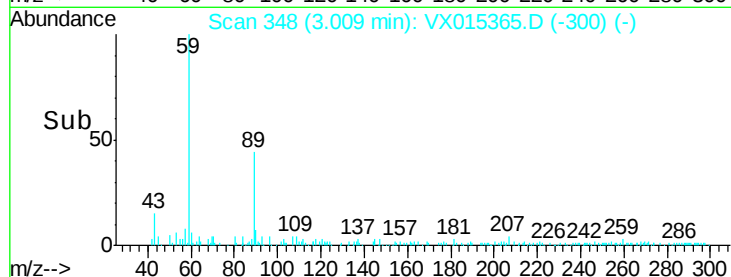
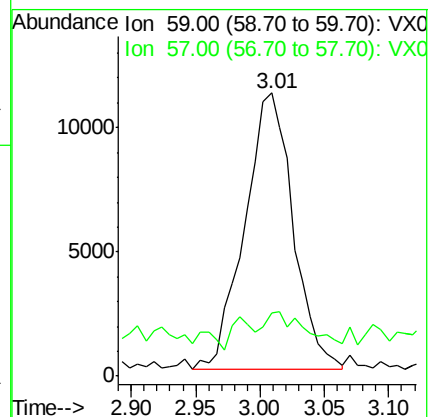
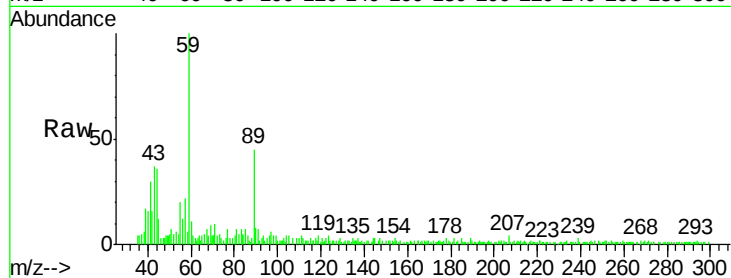
VSTDIC001

Tgt Ion: 59 Resp: 28832

Ion Ratio Lower Upper

59 100

57 8.5 8.1 12.1



#12

1,1-Dichloroethene

Concen: 1.03 ug/l

RT: 2.36 min Scan# 241

Delta R.T. -0.00 min

Lab File: VX015365.D

Acq: 26 Mar 2020 19:31

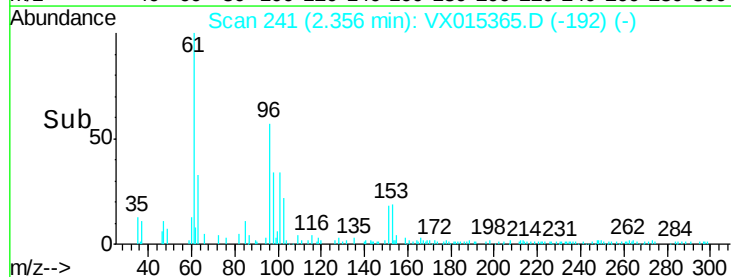
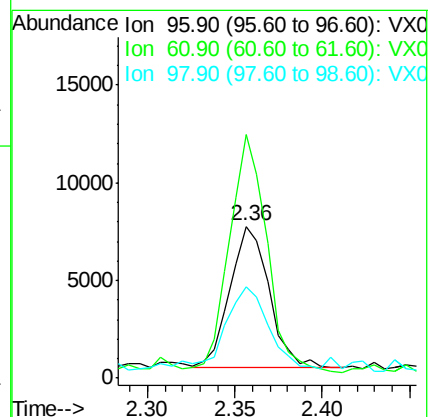
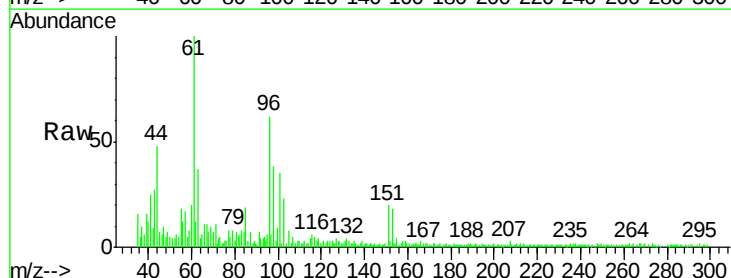
Tgt Ion: 96 Resp: 11391

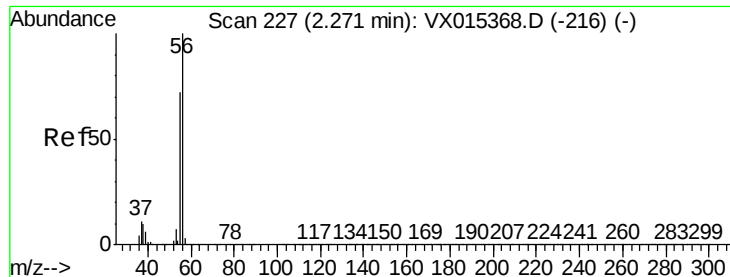
Ion Ratio Lower Upper

96 100

61 167.6 135.7 203.5

98 58.1 50.6 75.8

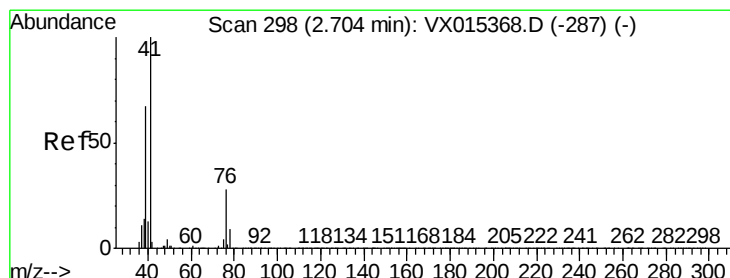
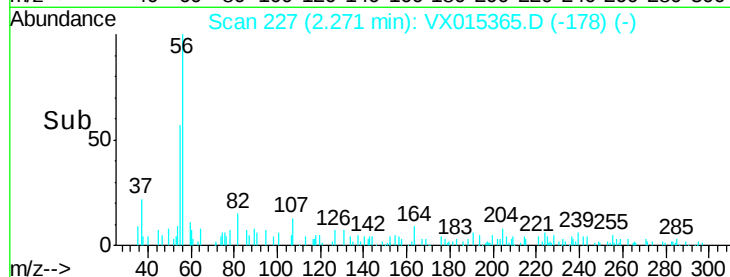
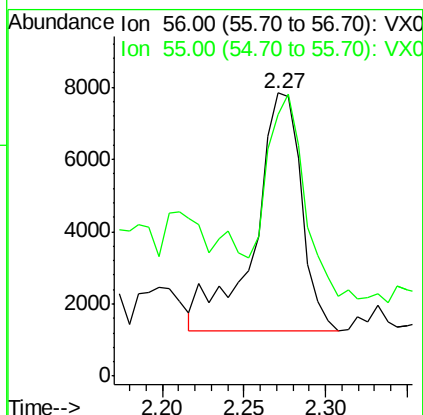
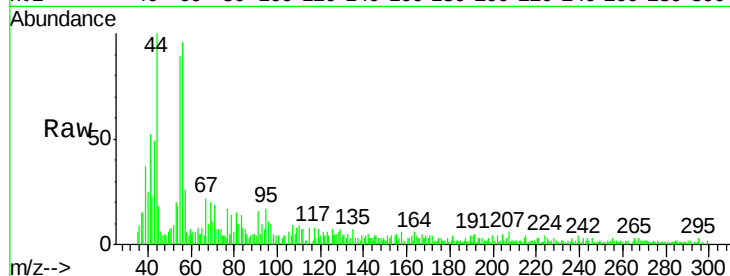




#13
Acrolein
Concen: 5.80 ug/l
RT: 2.27 min Scan# 227
Delta R.T. -0.00 min
Lab File: VX015365.D
Acq: 26 Mar 2020 19:31

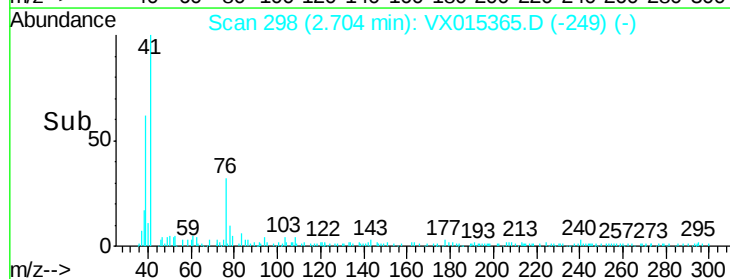
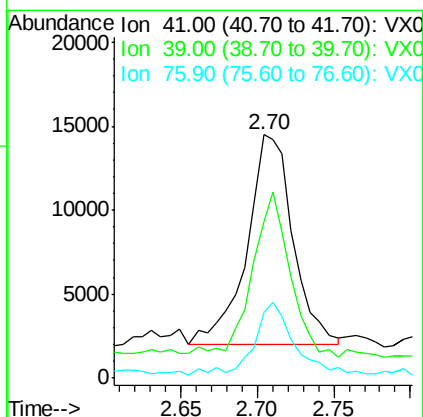
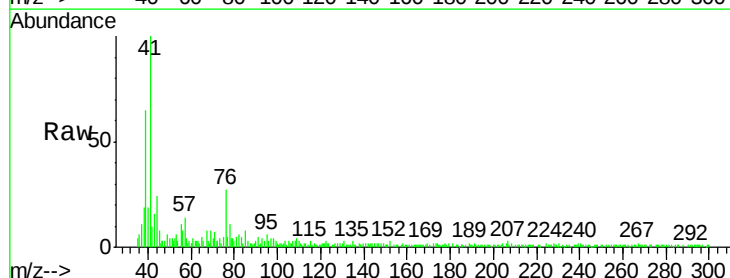
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

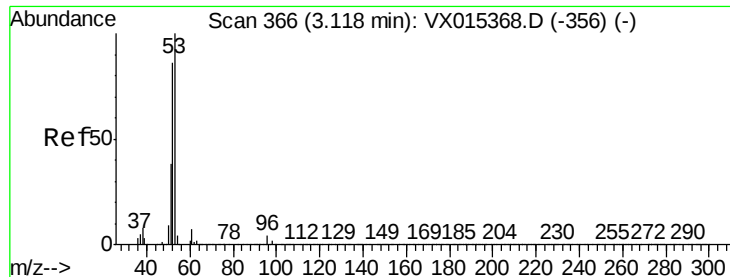
Tgt Ion: 56 Resp: 13103
Ion Ratio Lower Upper
56 100
55 69.2 57.0 85.4



#14
Allyl chloride
Concen: 1.00 ug/l
RT: 2.70 min Scan# 298
Delta R.T. -0.00 min
Lab File: VX015365.D
Acq: 26 Mar 2020 19:31

Tgt Ion: 41 Resp: 25911
Ion Ratio Lower Upper
41 100
39 65.2 51.4 77.0
76 33.0 21.8 32.8#





#15

Acrylonitrile

Concen: 4.96 ug/l

RT: 3.12 min Scan# 366

Delta R.T. -0.00 min

Lab File: VX015365.D

Acq: 26 Mar 2020 19:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

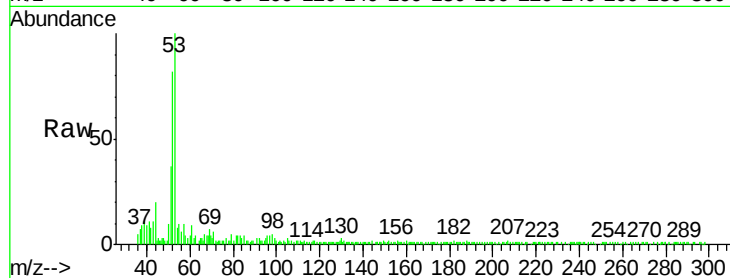
Tgt Ion: 53 Resp: 37537

Ion Ratio Lower Upper

53 100

52 87.9 66.8 100.2

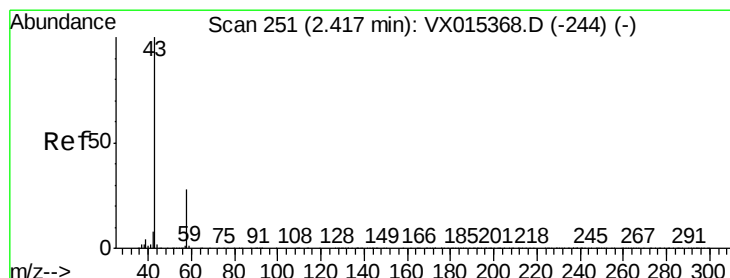
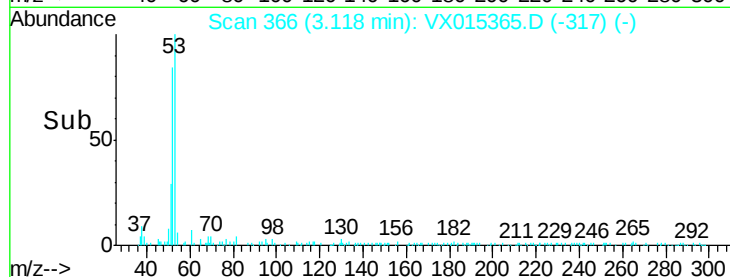
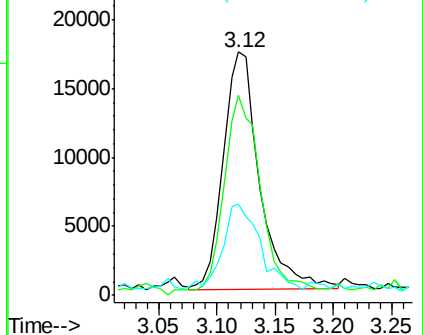
51 36.7 29.5 44.3



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 5.39 ug/l

RT: 2.42 min Scan# 251

Delta R.T. -0.00 min

Lab File: VX015365.D

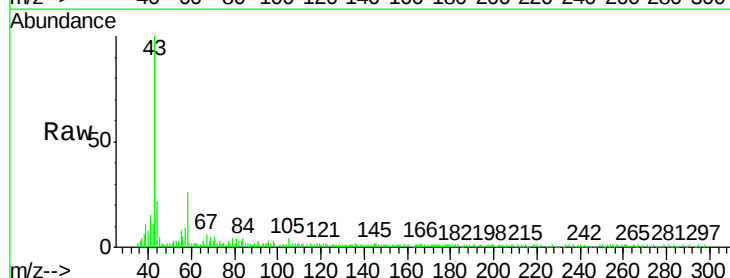
Acq: 26 Mar 2020 19:31

Tgt Ion: 43 Resp: 38422

Ion Ratio Lower Upper

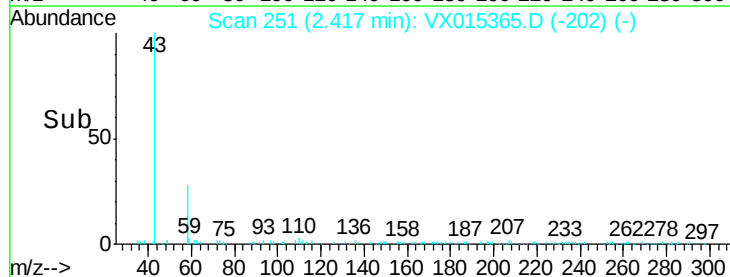
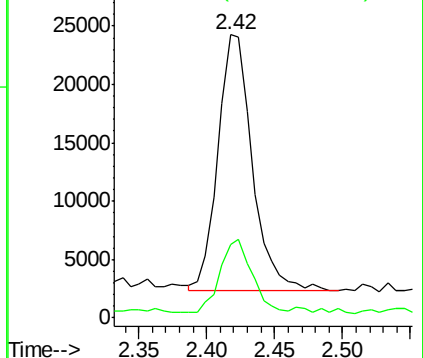
43 100

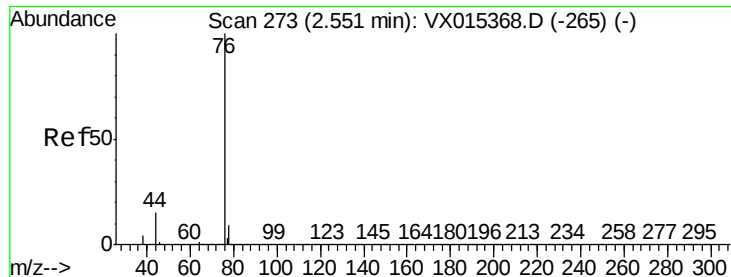
58 26.7 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

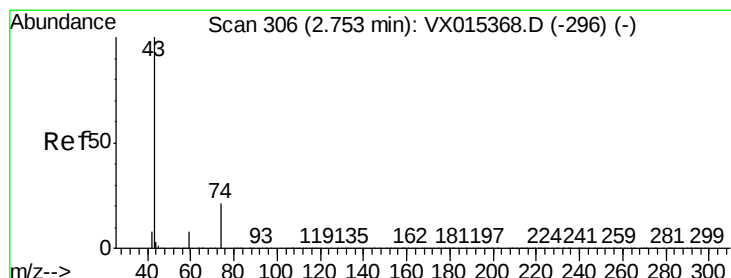
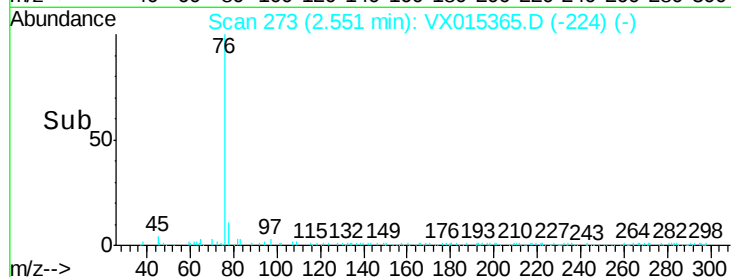
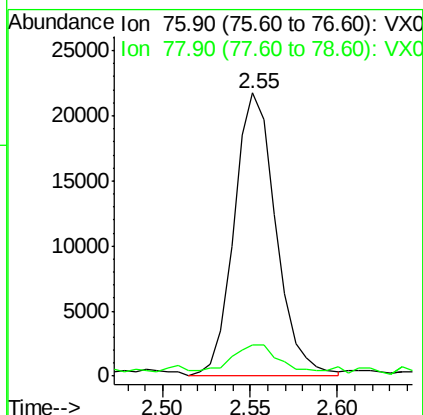
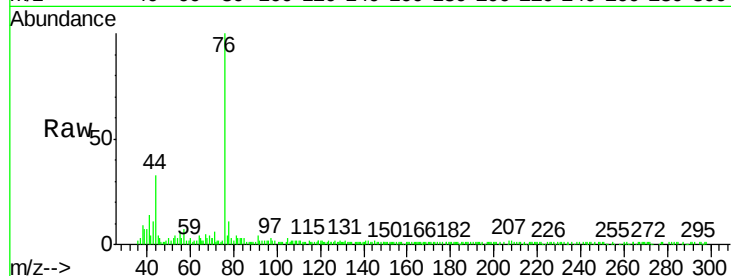




#17
Carbon Disulfide
Concen: 1.07 ug/l
RT: 2.55 min Scan# 273
Delta R.T. -0.00 min
Lab File: VX015365.D
Acq: 26 Mar 2020 19:31

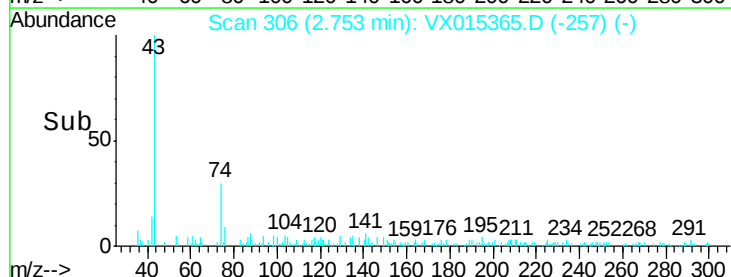
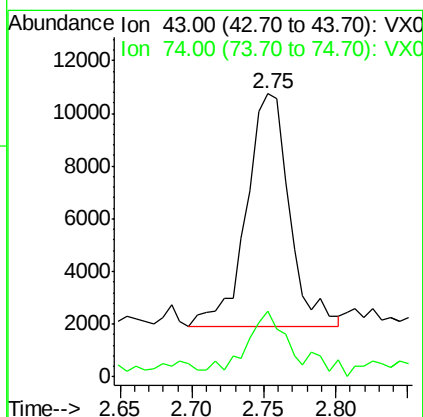
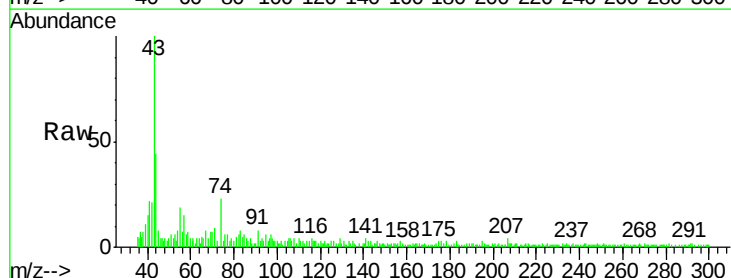
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

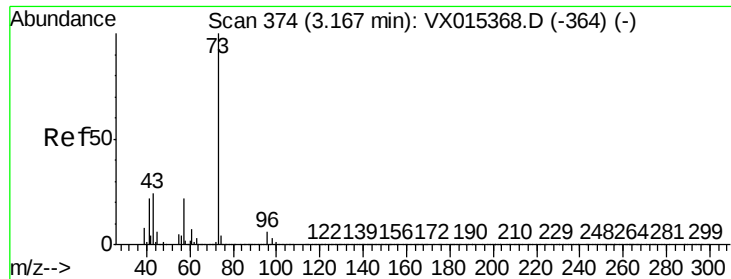
Tgt Ion: 76 Resp: 36200
Ion Ratio Lower Upper
76 100
78 8.9 7.1 10.7



#18
Methyl Acetate
Concen: 1.01 ug/l
RT: 2.75 min Scan# 306
Delta R.T. -0.00 min
Lab File: VX015365.D
Acq: 26 Mar 2020 19:31

Tgt Ion: 43 Resp: 18355
Ion Ratio Lower Upper
43 100
74 19.8 16.5 24.7

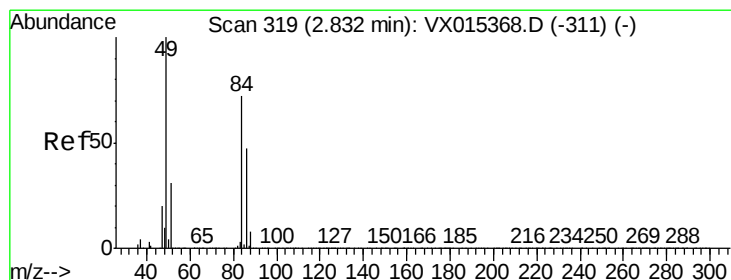
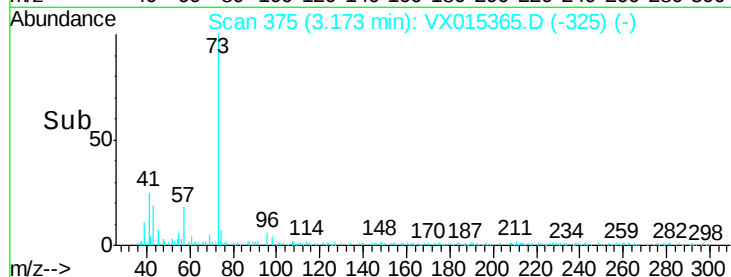
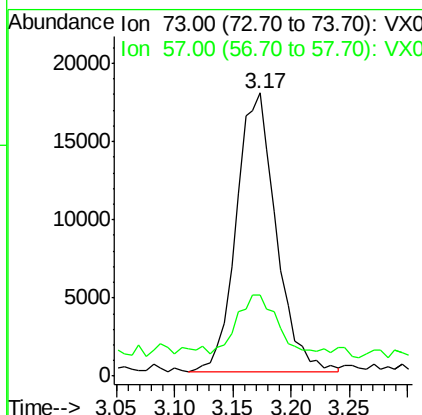
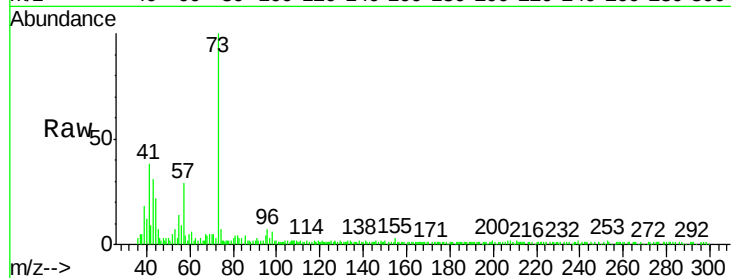




#19
Methyl tert-butyl Ether
Concen: 0.98 ug/l
RT: 3.17 min Scan# 375
Delta R.T. 0.01 min
Lab File: VX015365.D
Acq: 26 Mar 2020 19:31

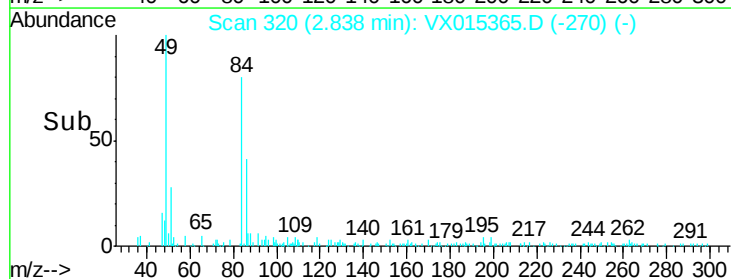
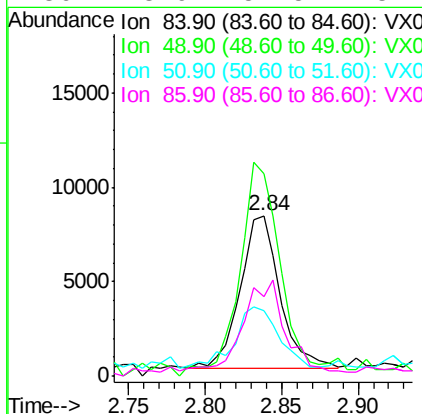
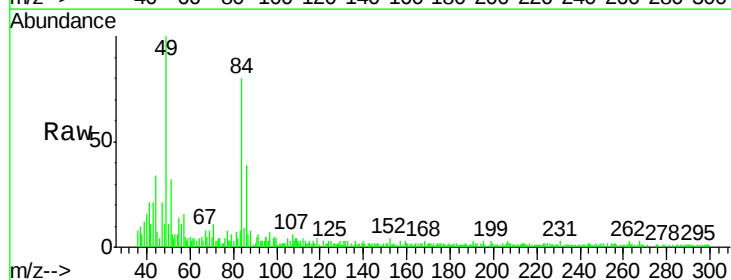
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

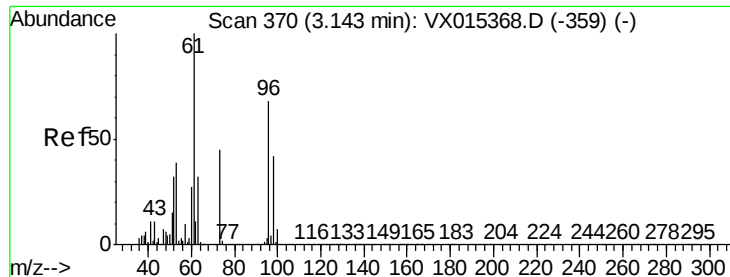
Tgt Ion: 73 Resp: 42342
Ion Ratio Lower Upper
73 100
57 19.5 17.9 26.9



#20
Methylene Chloride
Concen: 1.11 ug/l
RT: 2.84 min Scan# 320
Delta R.T. 0.01 min
Lab File: VX015365.D
Acq: 26 Mar 2020 19:31

Tgt Ion: 84 Resp: 14734
Ion Ratio Lower Upper
84 100
49 125.1 111.3 166.9
51 32.8 34.0 51.0#
86 48.9 52.5 78.7#





#21

trans-1,2-Dichloroethene

Concen: 1.04 ug/l

RT: 3.14 min Scan# 370

Delta R.T. -0.00 min

Lab File: VX015365.D

Acq: 26 Mar 2020 19:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

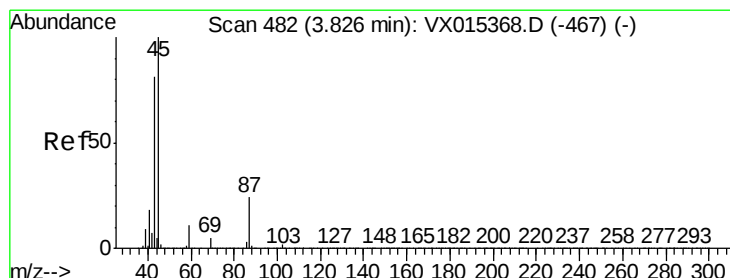
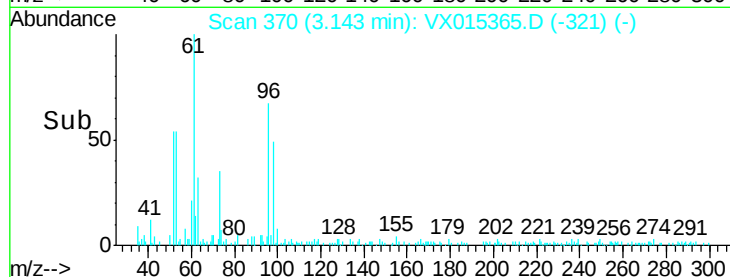
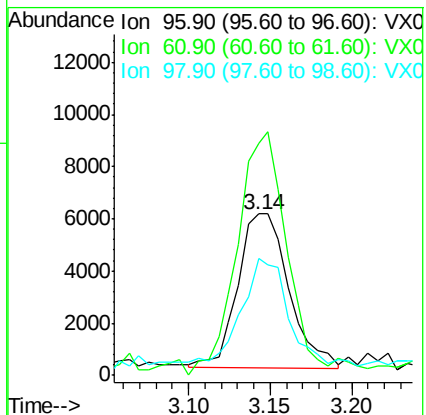
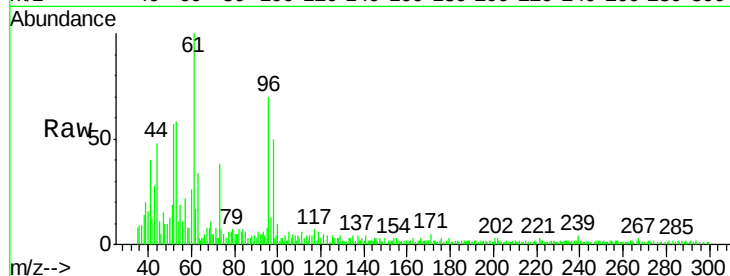
Tgt Ion: 96 Resp: 12787

Ion Ratio Lower Upper

96 100

61 153.8 116.9 175.3

98 68.6 48.6 73.0



#22

Diisopropyl ether

Concen: 0.93 ug/l

RT: 3.83 min Scan# 482

Delta R.T. -0.00 min

Lab File: VX015365.D

Acq: 26 Mar 2020 19:31

Tgt Ion: 45 Resp: 42806

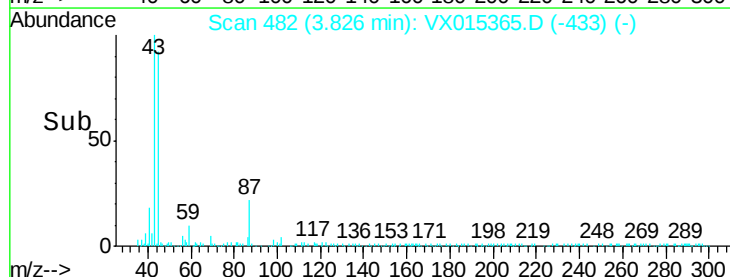
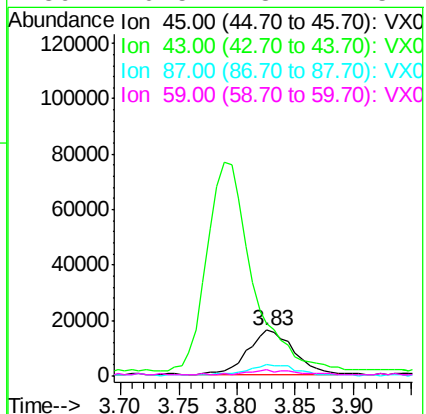
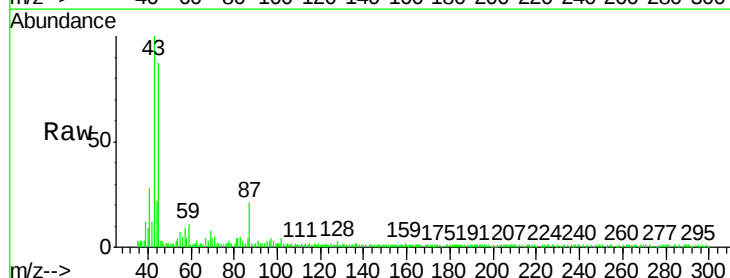
Ion Ratio Lower Upper

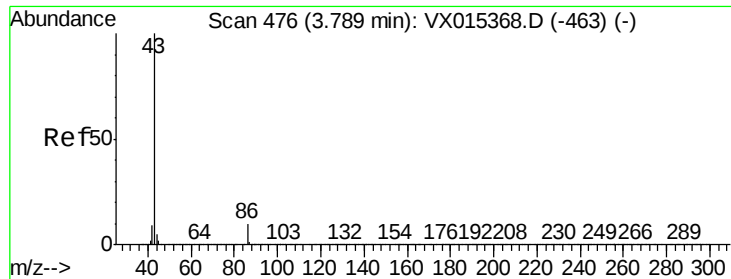
45 100

43 99.2 64.7 97.1#

87 22.0 19.4 29.0

59 10.5 8.7 13.1





#23

Vinyl Acetate

Concen: 4.95 ug/l

RT: 3.79 min Scan# 476

Delta R.T. -0.00 min

Lab File: VX015365.D

Acq: 26 Mar 2020 19:31

Instrument :

MSVOA_X

ClientSampleId :

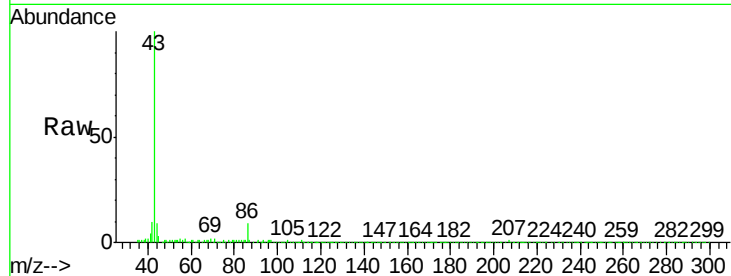
VSTDIC001

Tgt Ion: 43 Resp: 205883

Ion Ratio Lower Upper

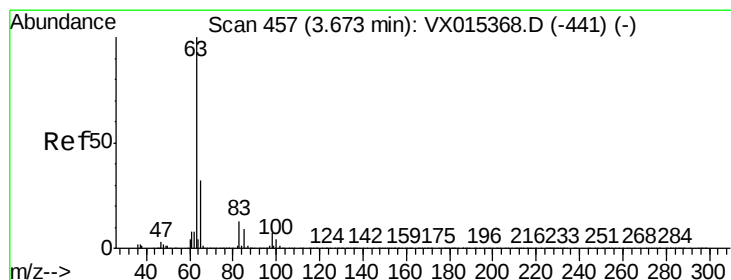
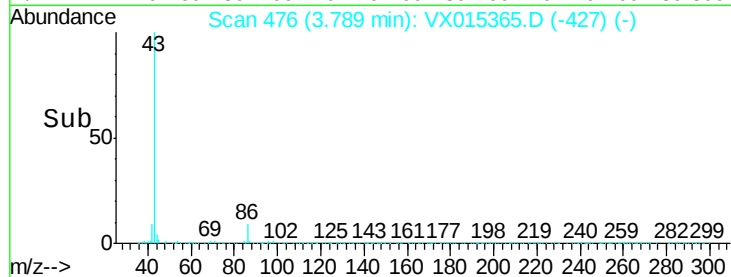
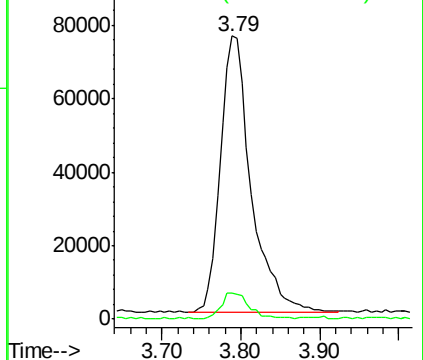
43 100

86 9.2 7.8 11.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 1.05 ug/l

RT: 3.67 min Scan# 457

Delta R.T. -0.00 min

Lab File: VX015365.D

Acq: 26 Mar 2020 19:31

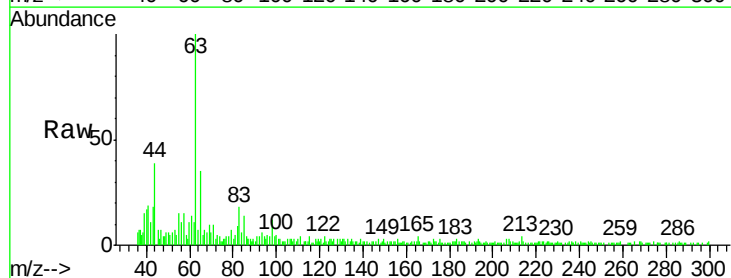
Tgt Ion: 63 Resp: 25335

Ion Ratio Lower Upper

63 100

98 9.0 3.3 9.8

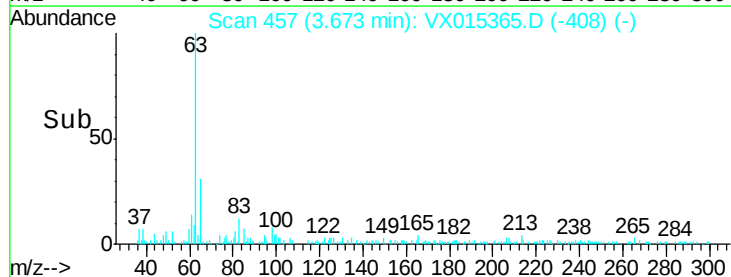
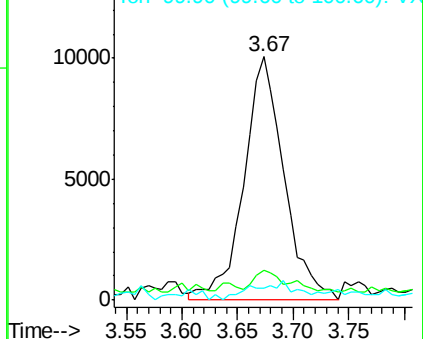
100 0.3 2.1 6.5#

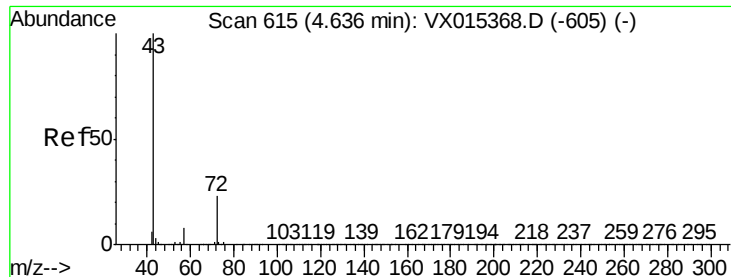


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 5.16 ug/l

RT: 4.65 min Scan# 617

Delta R.T. 0.01 min

Lab File: VX015365.D

Acq: 26 Mar 2020 19:31

Instrument :

MSVOA_X

ClientSampleId :

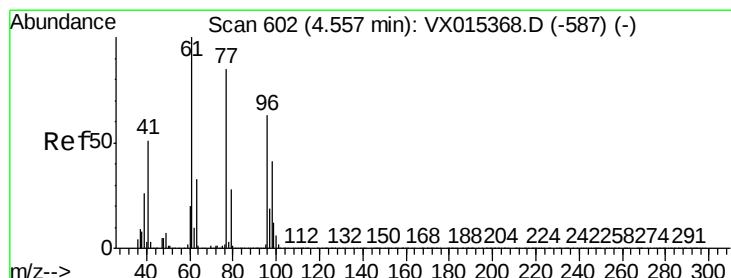
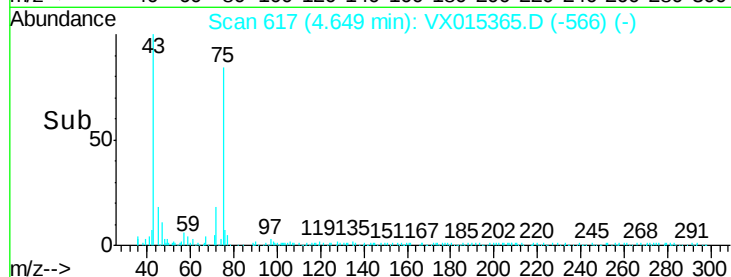
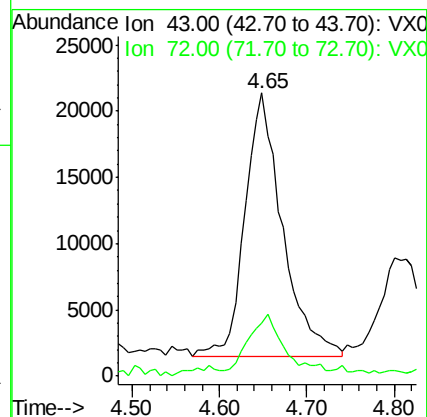
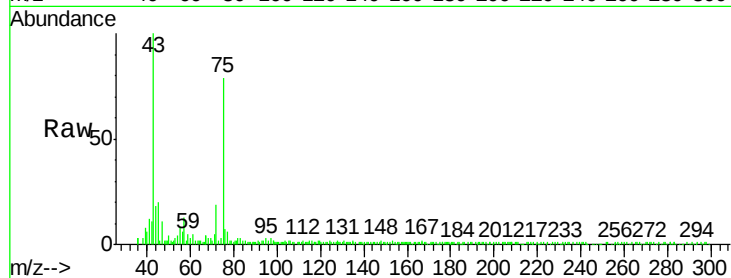
VSTDIC001

Tgt Ion: 43 Resp: 59157

Ion Ratio Lower Upper

43 100

72 17.7 19.0 28.4#



#26

2,2-Dichloropropane

Concen: 1.06 ug/l

RT: 4.56 min Scan# 602

Delta R.T. -0.00 min

Lab File: VX015365.D

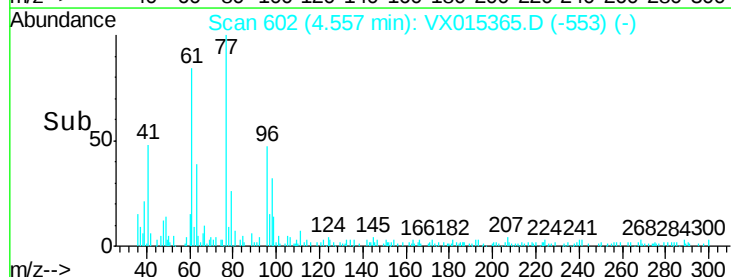
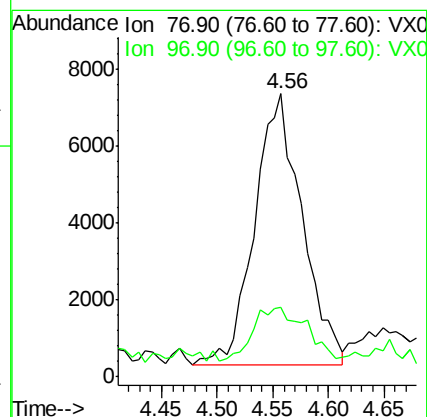
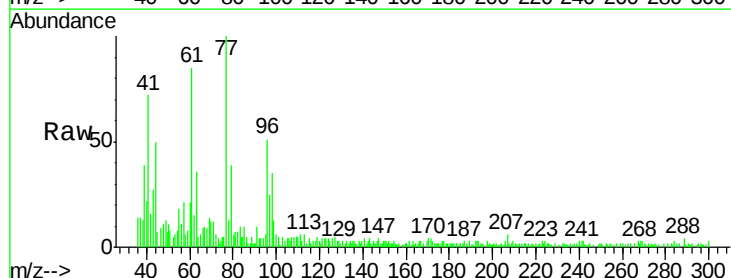
Acq: 26 Mar 2020 19:31

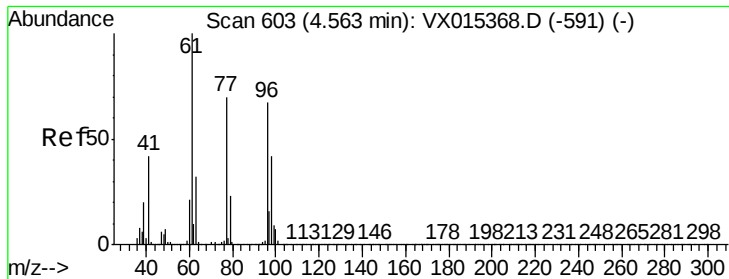
Tgt Ion: 77 Resp: 21009

Ion Ratio Lower Upper

77 100

97 22.1 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 1.02 ug/l

RT: 4.56 min Scan# 603

Delta R.T. -0.00 min

Lab File: VX015365.D

Acq: 26 Mar 2020 19:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

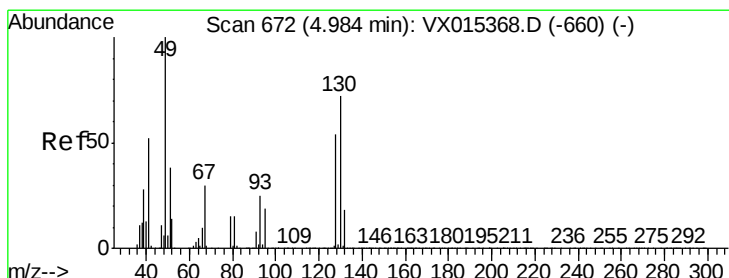
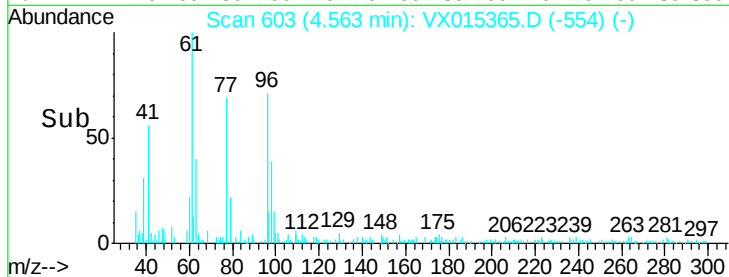
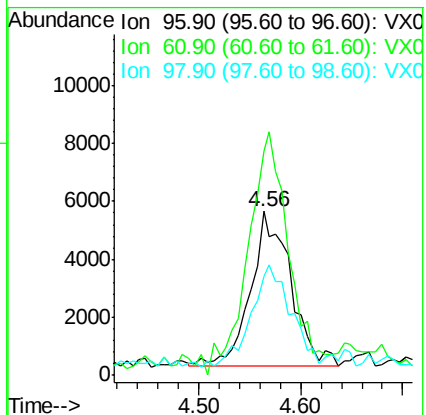
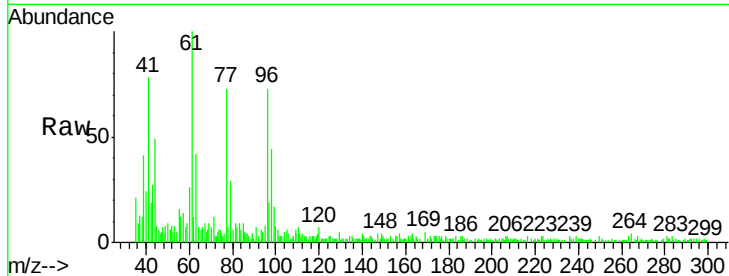
Tgt Ion: 96 Resp: 14554

Ion Ratio Lower Upper

96 100

61 161.4 0.0 308.4

98 68.6 0.0 129.2



#28

Bromochloromethane

Concen: 0.92 ug/l

RT: 4.99 min Scan# 673

Delta R.T. 0.01 min

Lab File: VX015365.D

Acq: 26 Mar 2020 19:31

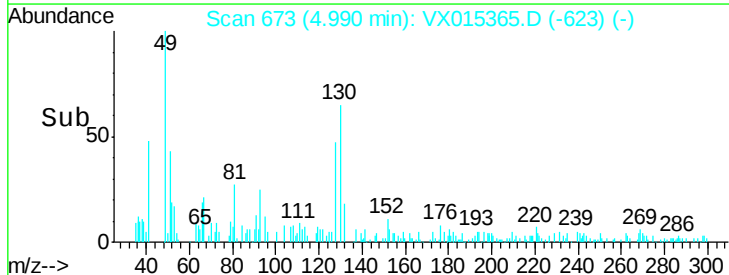
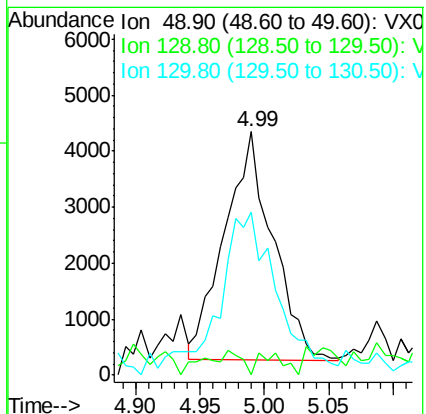
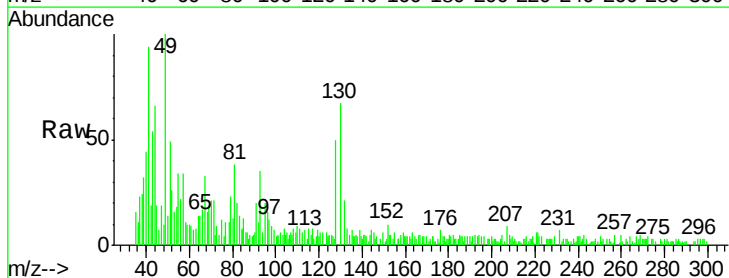
Tgt Ion: 49 Resp: 10611

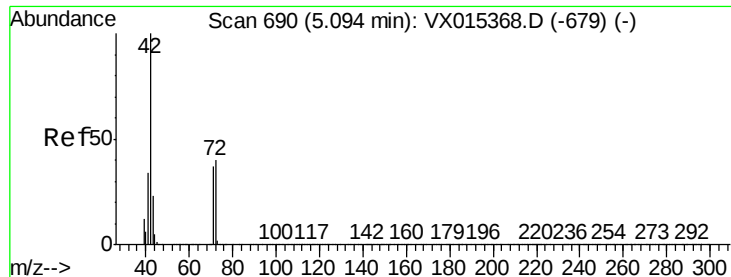
Ion Ratio Lower Upper

49 100

129 5.0 0.0 4.4#

130 88.2 57.7 86.5#





#29

Tetrahydrofuran

Concen: 4.95 ug/l

RT: 5.10 min Scan# 691

Delta R.T. 0.01 min

Lab File: VX015365.D

Acq: 26 Mar 2020 19:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

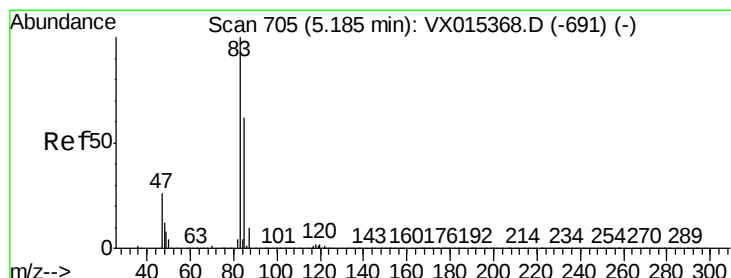
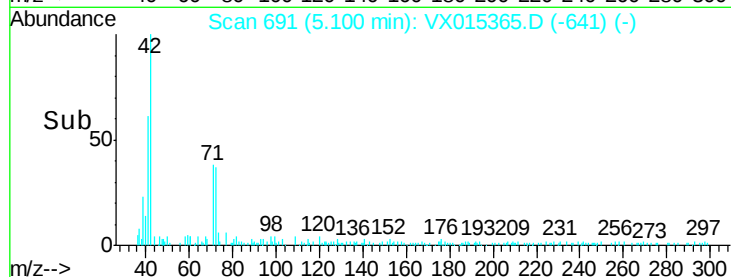
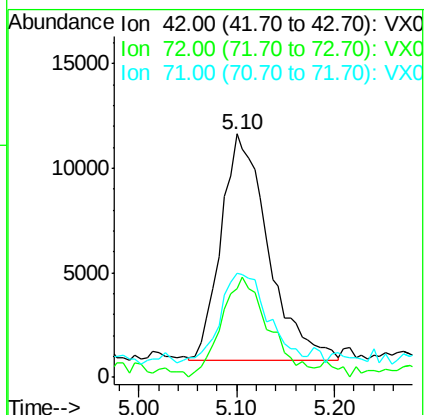
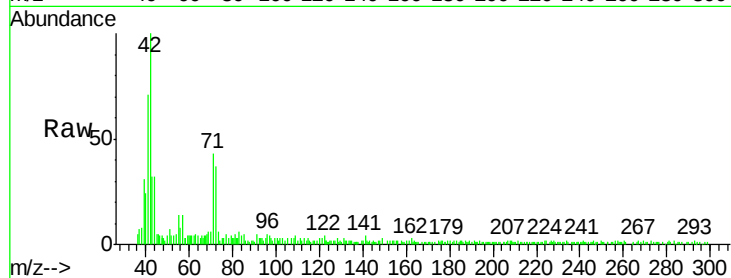
Tgt Ion: 42 Resp: 36445

Ion Ratio Lower Upper

42 100

72 44.5 31.7 47.5

71 41.2 29.6 44.4



#30

Chloroform

Concen: 0.99 ug/l

RT: 5.18 min Scan# 704

Delta R.T. -0.01 min

Lab File: VX015365.D

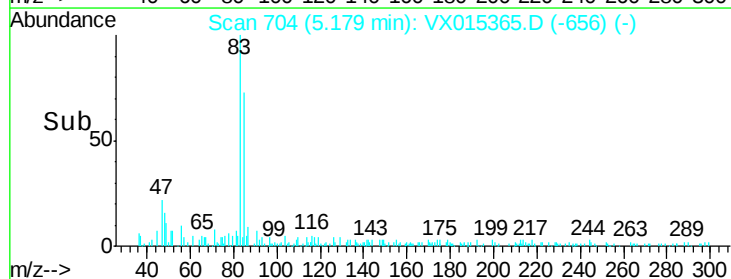
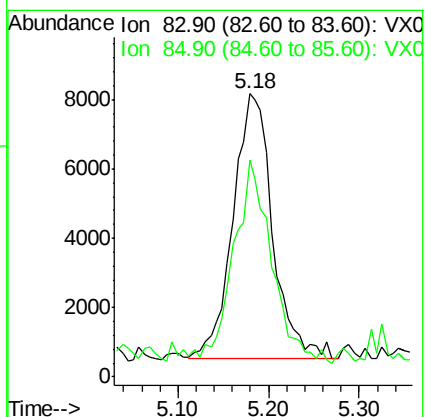
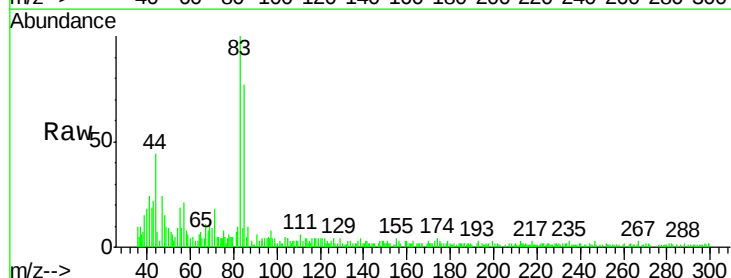
Acq: 26 Mar 2020 19:31

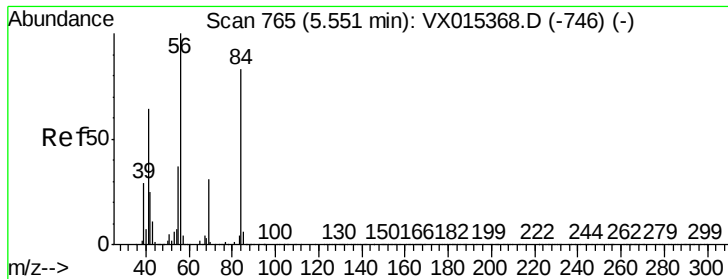
Tgt Ion: 83 Resp: 23121

Ion Ratio Lower Upper

83 100

85 74.0 49.5 74.3

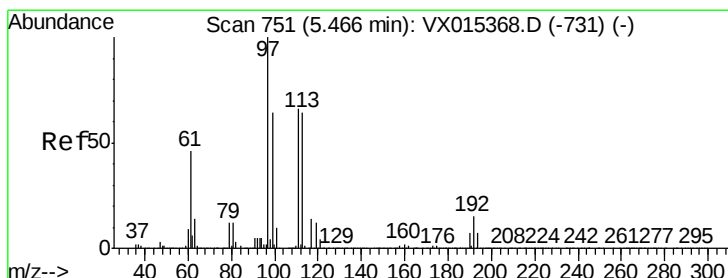
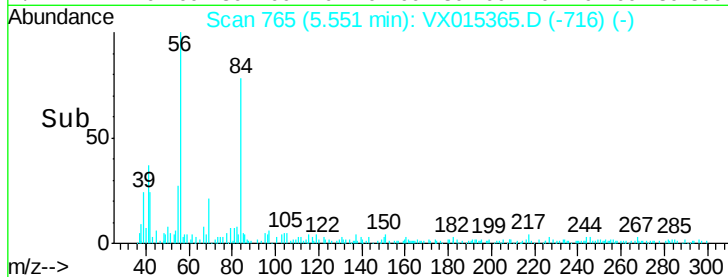
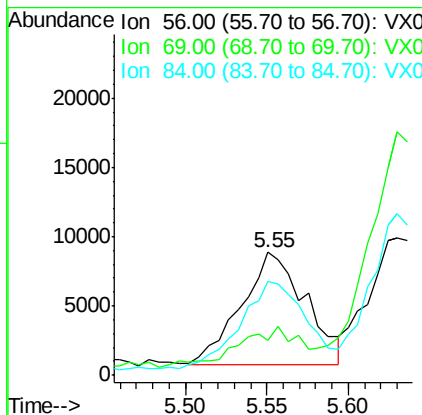
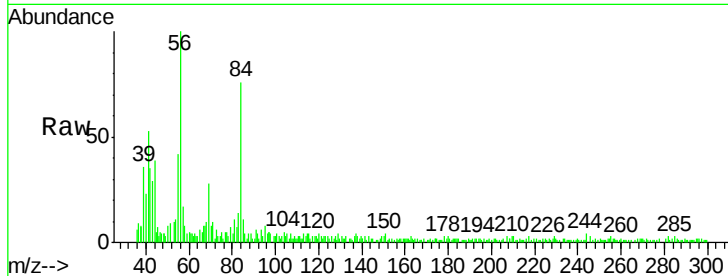




#31
Cyclohexane
Concen: 1.07 ug/l
RT: 5.55 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX015365.D
Acq: 26 Mar 2020 19:31

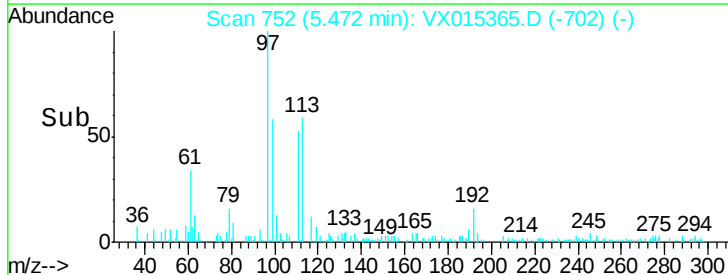
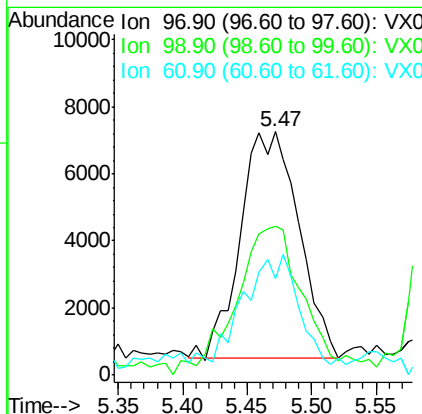
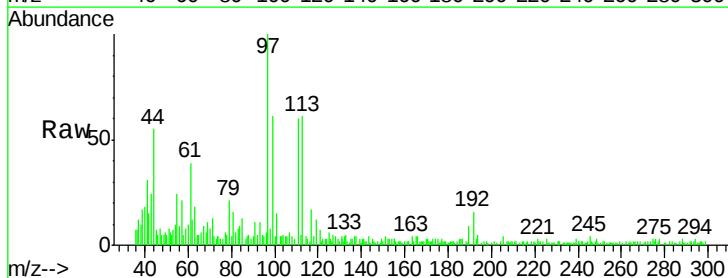
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

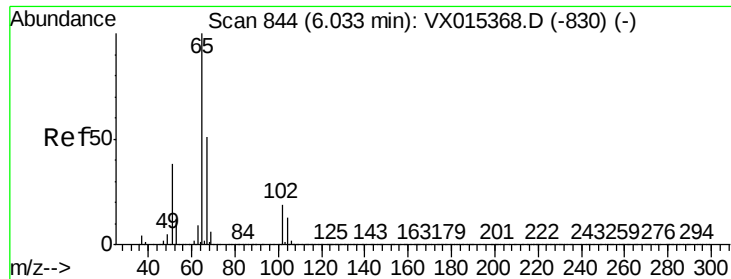
Tgt Ion: 56 Resp: 22381
Ion Ratio Lower Upper
56 100
69 19.7 24.6 36.8#
84 74.1 66.1 99.1



#32
1,1,1-Trichloroethane
Concen: 1.00 ug/l
RT: 5.47 min Scan# 752
Delta R.T. 0.01 min
Lab File: VX015365.D
Acq: 26 Mar 2020 19:31

Tgt Ion: 97 Resp: 21128
Ion Ratio Lower Upper
97 100
99 0.0 51.0 76.4#
61 47.7 36.1 54.1

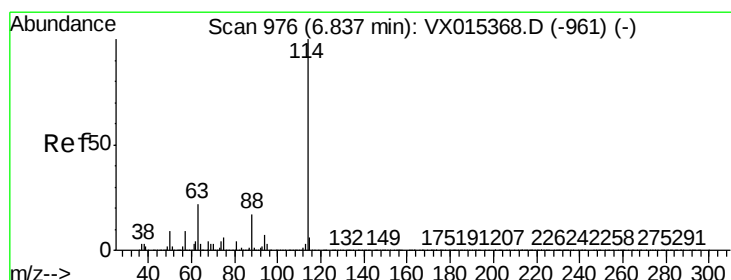
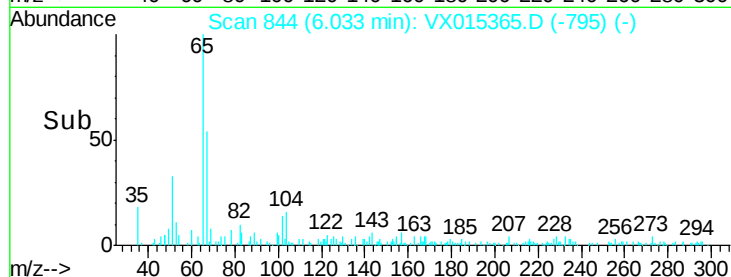
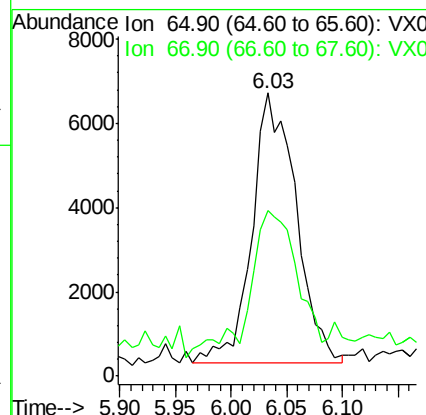
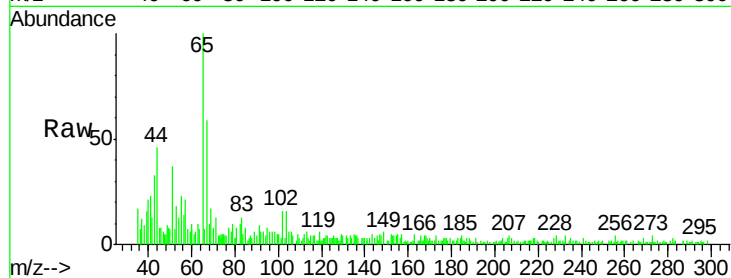




#33
 1,2-Dichloroethane-d4
 Concen: 1.06 ug/l
 RT: 6.03 min Scan# 844
 Delta R.T. -0.00 min
 Lab File: VX015365.D
 Acq: 26 Mar 2020 19:31

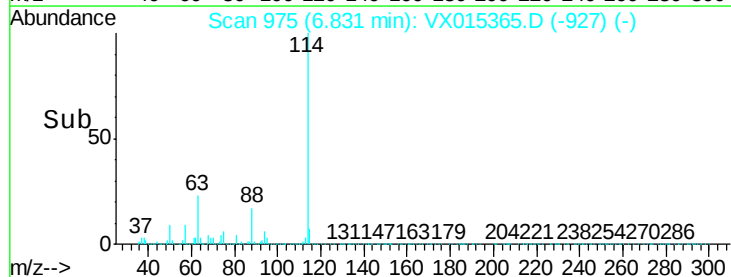
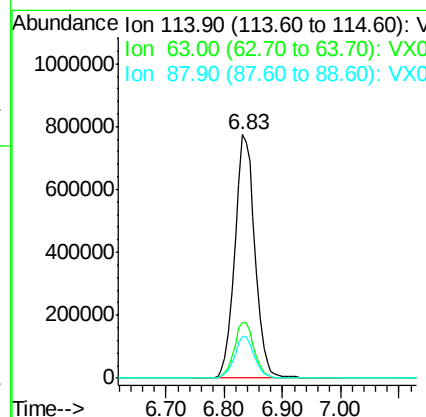
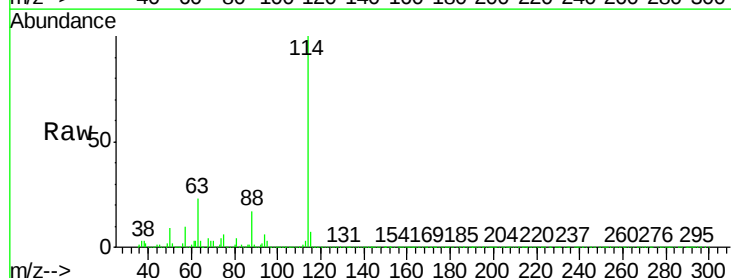
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

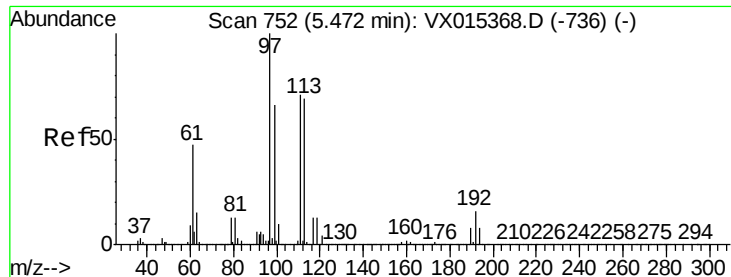
Tgt Ion: 65 Resp: 17566
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.83 min Scan# 975
 Delta R.T. -0.01 min
 Lab File: VX015365.D
 Acq: 26 Mar 2020 19:31

Tgt Ion: 114 Resp: 1854110
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 44.2
 88 17.0 0.0 33.8





#35

Dibromofluoromethane

Concen: 0.94 ug/l

RT: 5.47 min Scan# 752

Delta R.T. -0.00 min

Lab File: VX015365.D

Acq: 26 Mar 2020 19:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

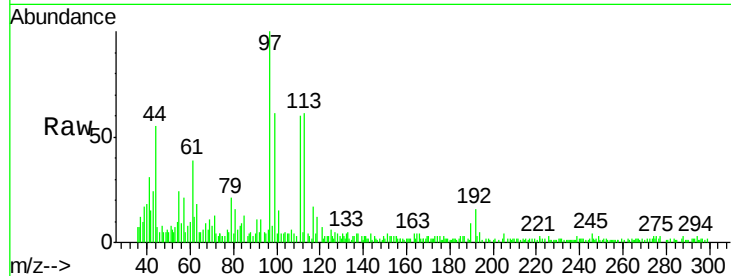
Tgt Ion: 113 Resp: 11118

Ion Ratio Lower Upper

113 100

111 119.5 81.5 122.3

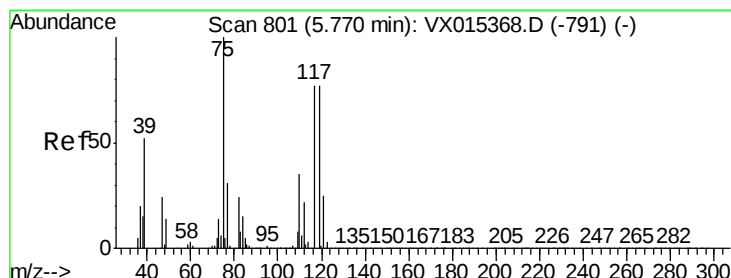
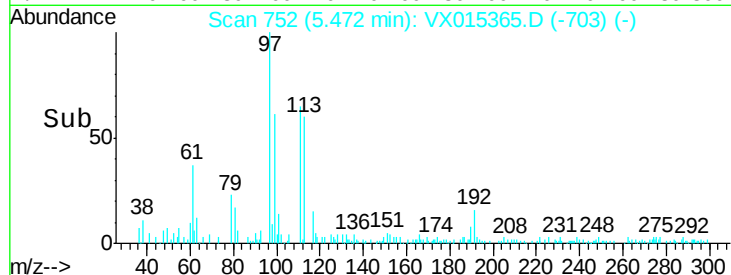
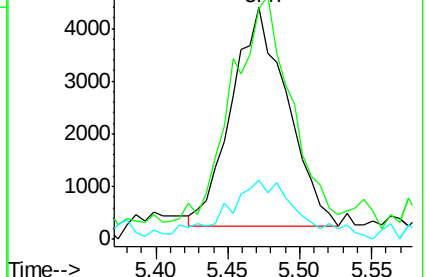
192 29.6 17.8 26.6#



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 1.03 ug/l

RT: 5.77 min Scan# 801

Delta R.T. -0.00 min

Lab File: VX015365.D

Acq: 26 Mar 2020 19:31

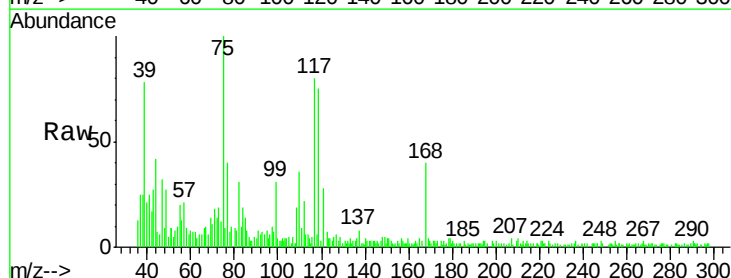
Tgt Ion: 75 Resp: 17552

Ion Ratio Lower Upper

75 100

110 39.0 17.1 51.3

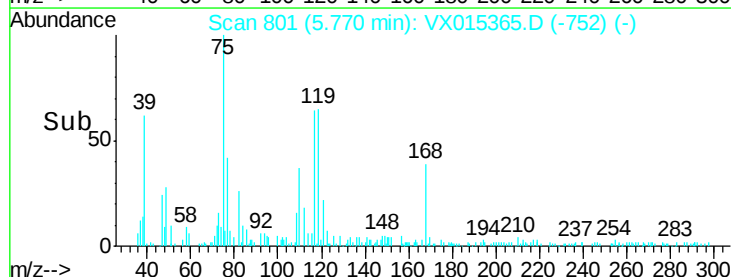
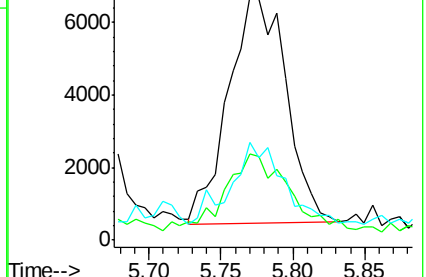
77 33.3 24.6 36.8

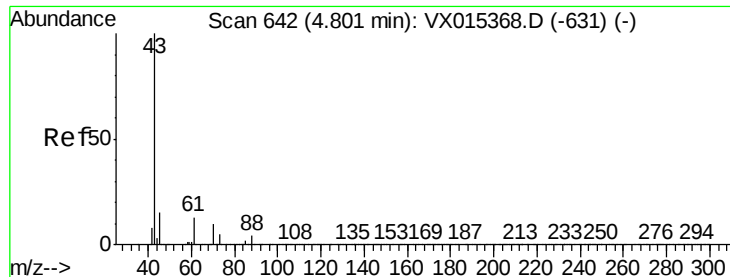


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

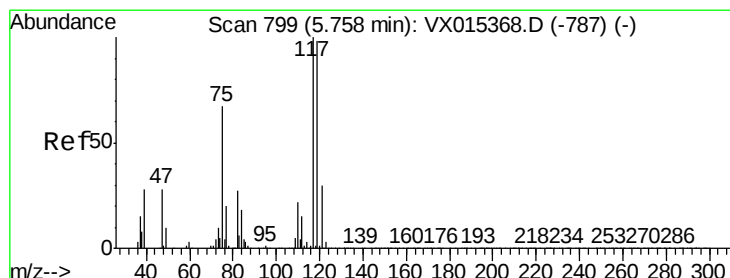
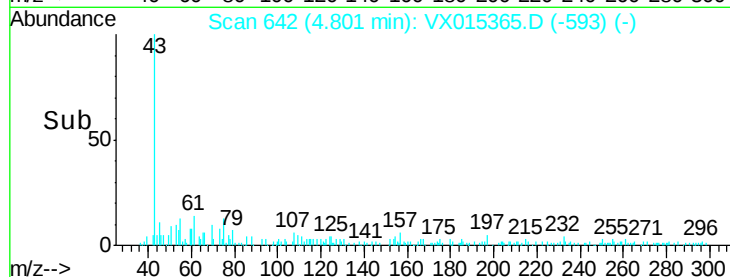
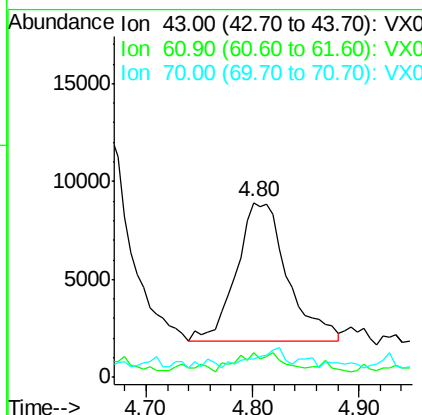
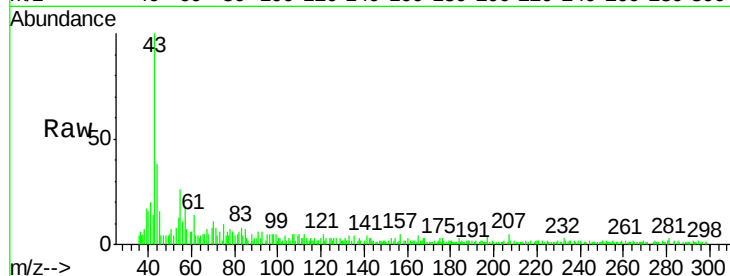




#37
Ethyl Acetate
Concen: 1.07 ug/l
RT: 4.80 min Scan# 642
Delta R.T. -0.00 min
Lab File: VX015365.D
Acq: 26 Mar 2020 19:31

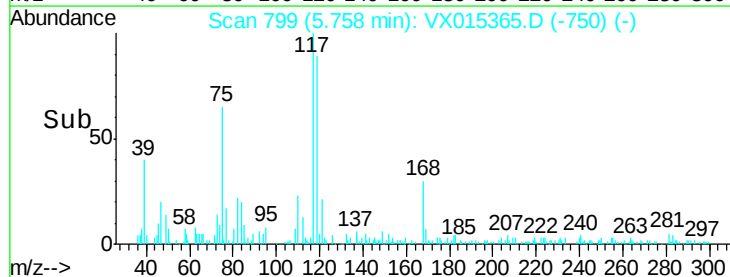
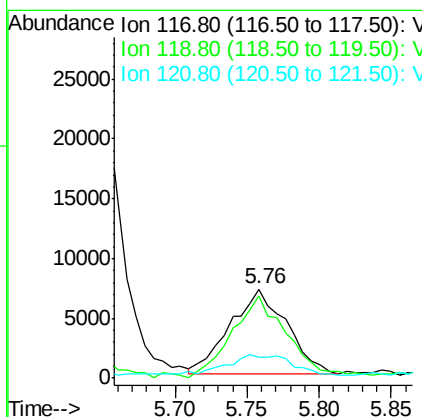
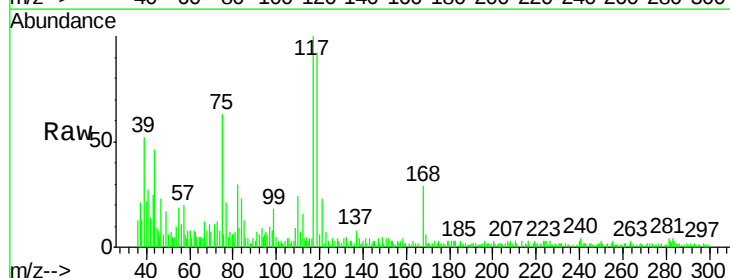
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

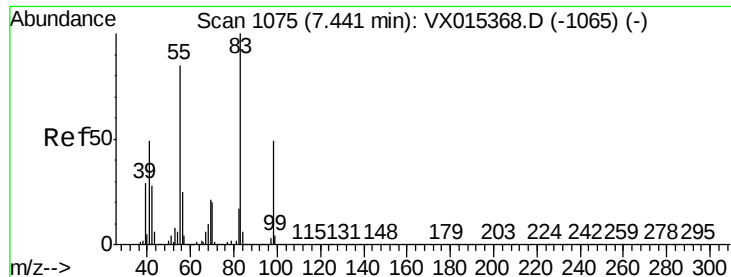
Tgt Ion: 43 Resp: 23830
Ion Ratio Lower Upper
43 100
61 11.5 9.9 14.9
70 0.0 8.1 12.1#



#38
Carbon Tetrachloride
Concen: 1.05 ug/l
RT: 5.76 min Scan# 799
Delta R.T. -0.00 min
Lab File: VX015365.D
Acq: 26 Mar 2020 19:31

Tgt Ion: 117 Resp: 19379
Ion Ratio Lower Upper
117 100
119 101.2 78.0 117.0
121 21.2 23.8 35.8#

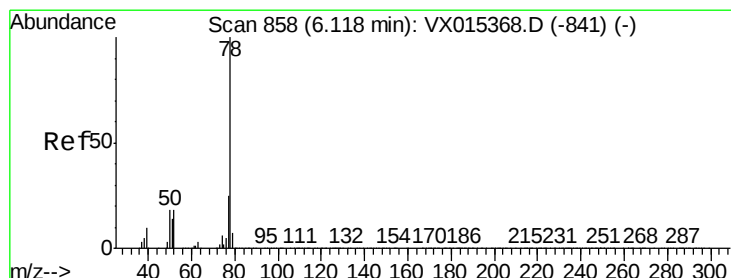
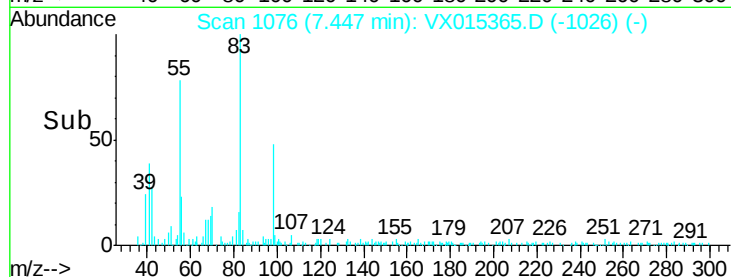
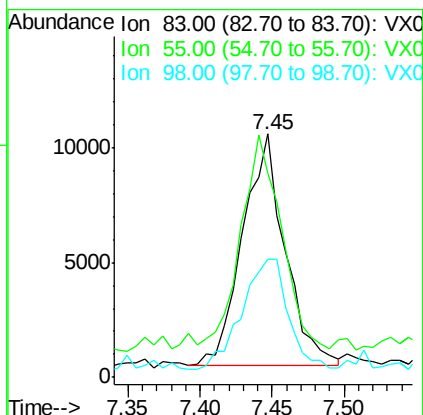
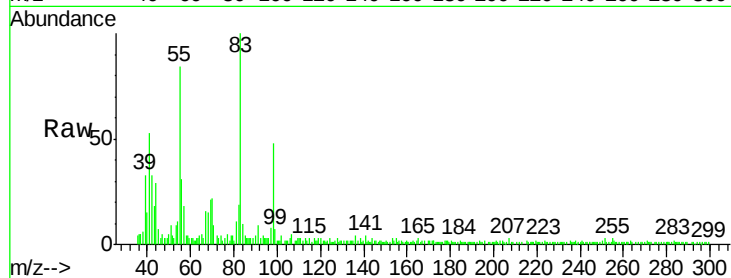




#39
Methylcyclohexane
Concen: 1.04 ug/l
RT: 7.45 min Scan# 1076
Delta R.T. 0.01 min
Lab File: VX015365.D
Acq: 26 Mar 2020 19:31

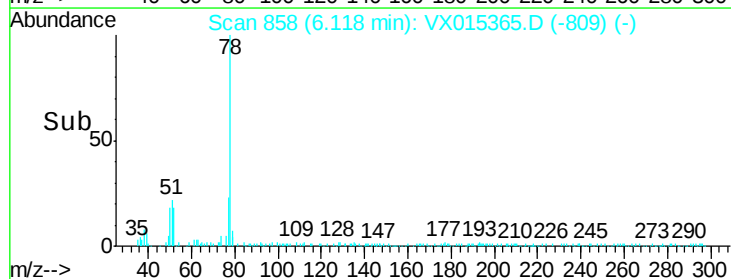
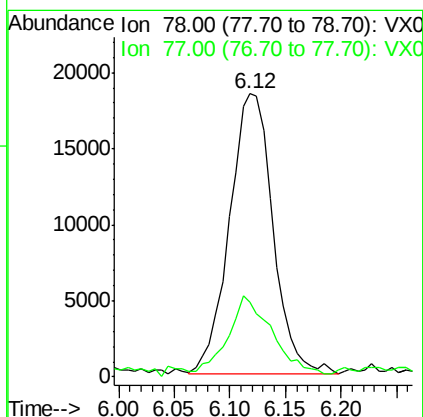
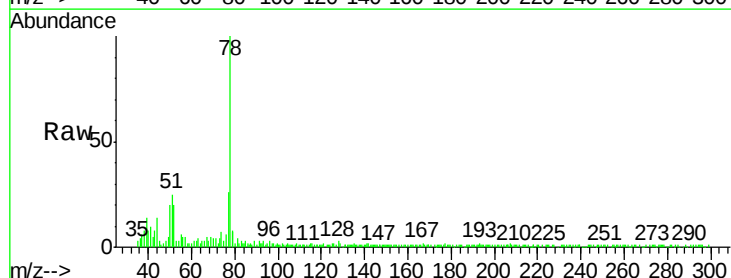
Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

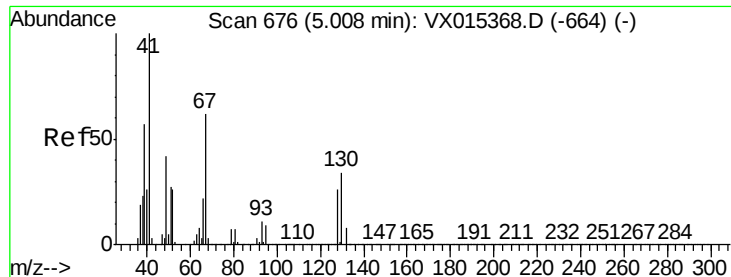
Tgt Ion	Ratio	Lower	Upper
83	100		
55	72.2	67.8	101.6
98	47.2	39.3	58.9



#40
Benzene
Concen: 1.00 ug/l
RT: 6.12 min Scan# 858
Delta R.T. -0.00 min
Lab File: VX015365.D
Acq: 26 Mar 2020 19:31

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.4	19.8	29.8

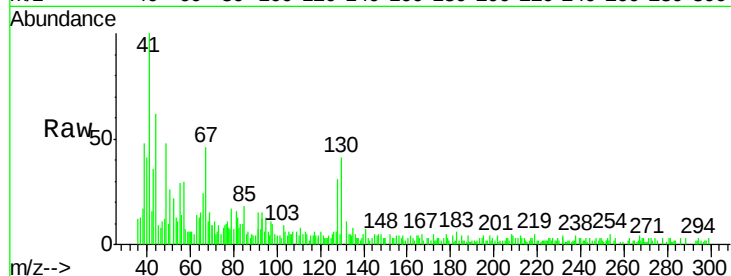




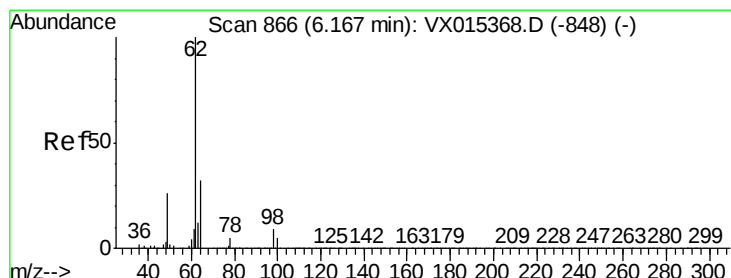
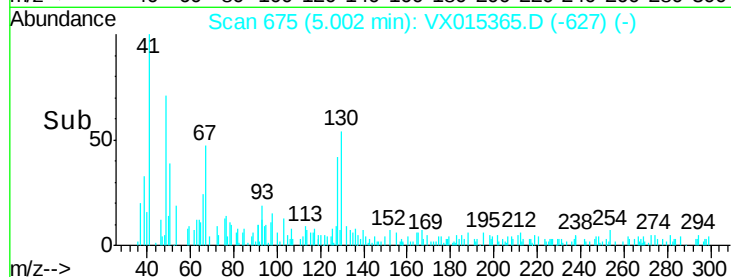
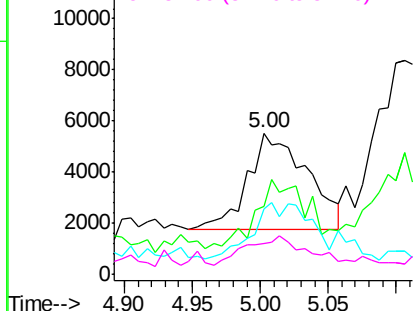
#41
Methacrylonitrile
Concen: 0.93 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX015365.D
Acq: 26 Mar 2020 19:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion:	41	Resp:	11530
Ion	Ratio	Lower	Upper
41	100		
39	65.1	44.5	66.7
67	28.2	48.9	73.3
52	29.9	21.8	32.6

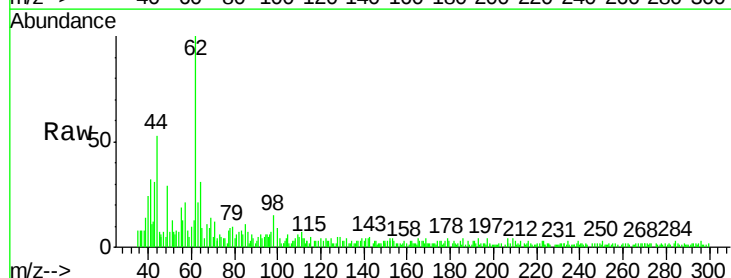


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

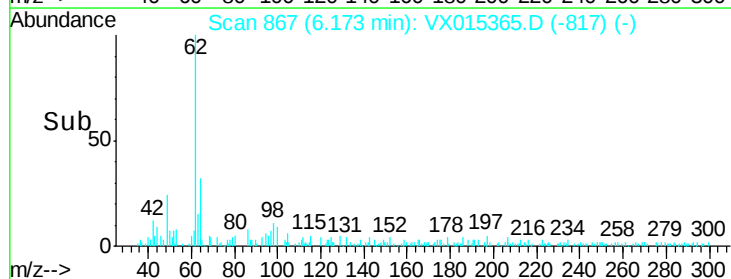
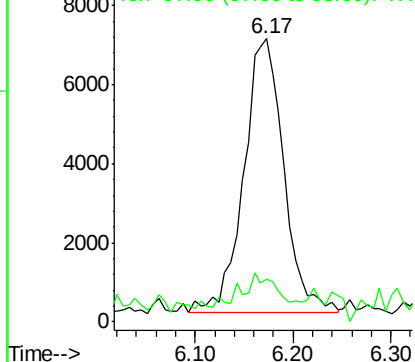


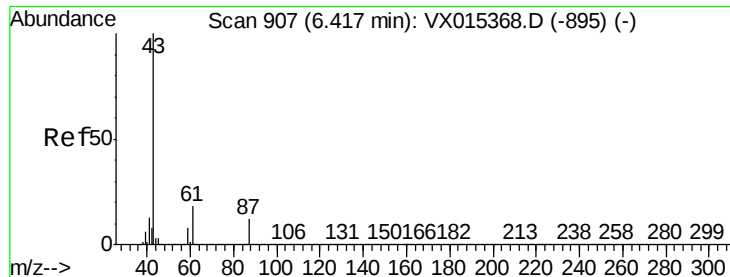
#42
1,2-Dichloroethane
Concen: 0.99 ug/l
RT: 6.17 min Scan# 867
Delta R.T. 0.01 min
Lab File: VX015365.D
Acq: 26 Mar 2020 19:31

Tgt Ion:	62	Resp:	19869
Ion	Ratio	Lower	Upper
62	100		
98	13.0	0.0	17.6



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





#43

Isopropyl Acetate

Concen: 0.96 ug/l

RT: 6.42 min Scan# 907

Delta R.T. -0.00 min

Lab File: VX015365.D

Acq: 26 Mar 2020 19:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

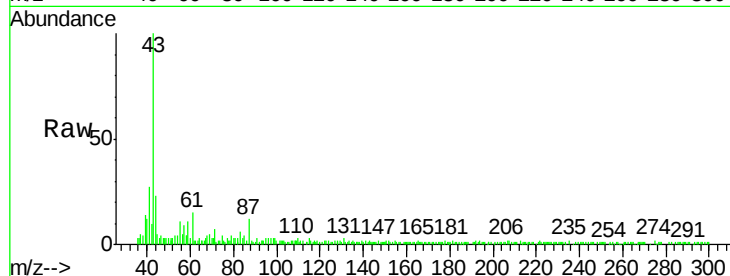
Tgt Ion: 43 Resp: 36223

Ion Ratio Lower Upper

43 100

61 23.2 14.8 22.2#

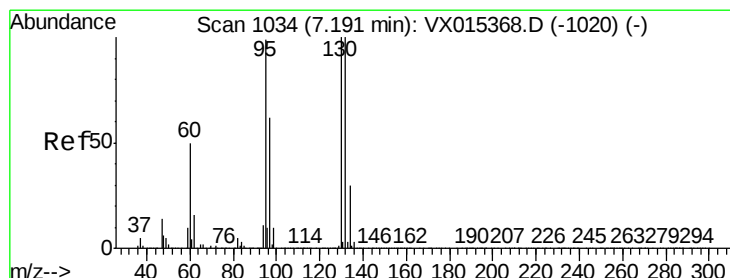
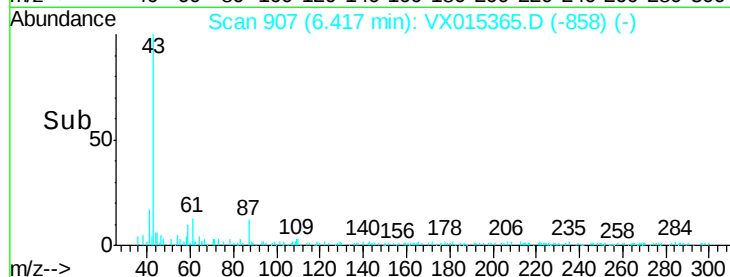
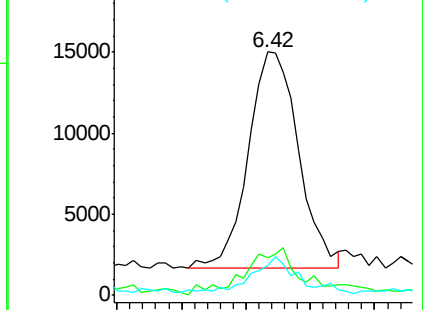
87 13.8 9.4 14.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 1.02 ug/l

RT: 7.19 min Scan# 1034

Delta R.T. -0.00 min

Lab File: VX015365.D

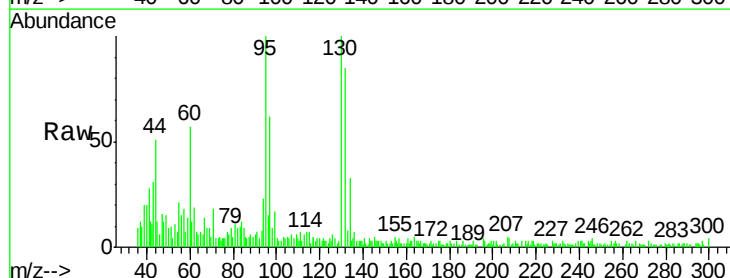
Acq: 26 Mar 2020 19:31

Tgt Ion: 130 Resp: 13880

Ion Ratio Lower Upper

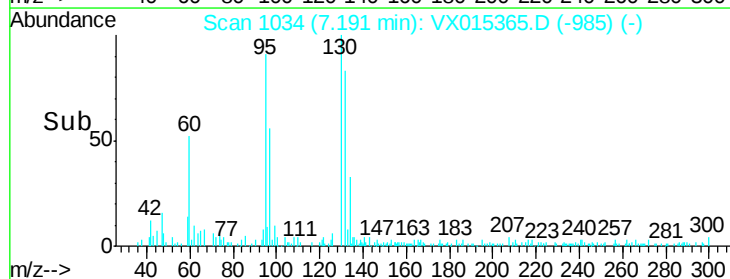
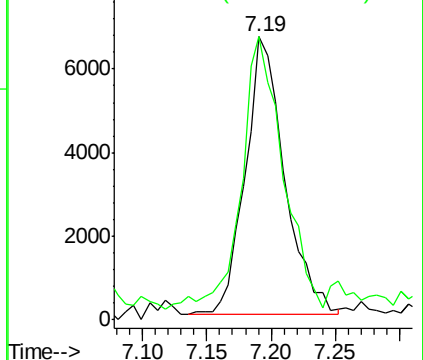
130 100

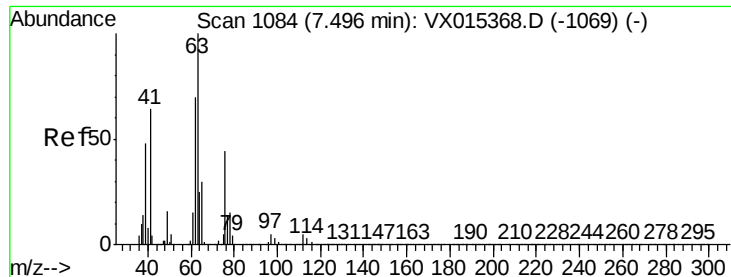
95 93.6 0.0 199.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 1.04 ug/l

RT: 7.49 min Scan# 1083

Delta R.T. -0.01 min

Lab File: VX015365.D

Acq: 26 Mar 2020 19:31

Instrument :

MSVOA_X

ClientSampleId :

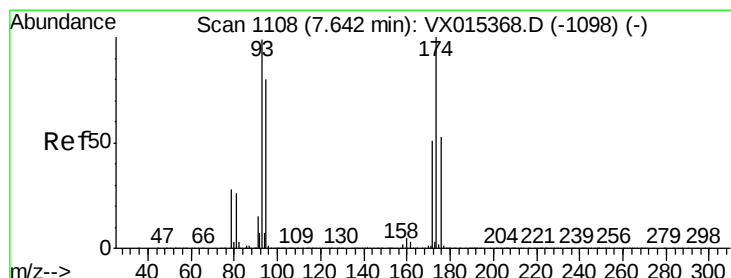
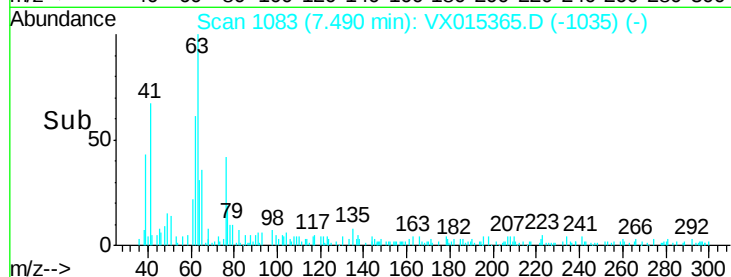
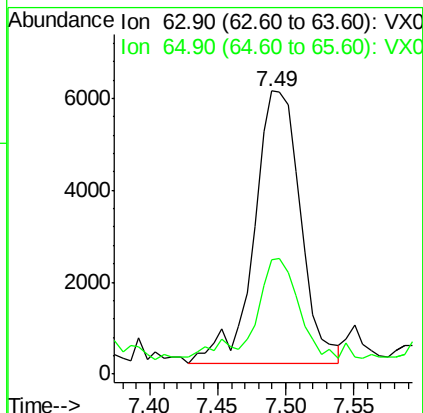
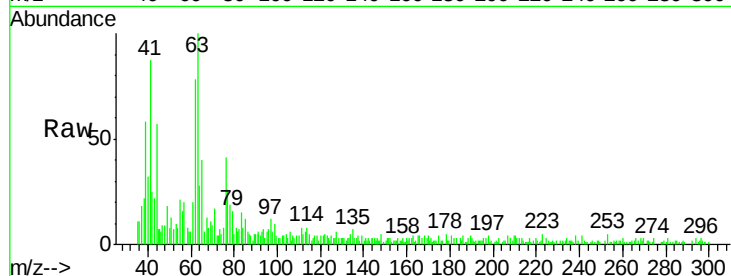
VSTDIC001

Tgt Ion: 63 Resp: 14183

Ion Ratio Lower Upper

63 100

65 36.2 23.9 35.9#



#46

Dibromomethane

Concen: 1.02 ug/l

RT: 7.64 min Scan# 1108

Delta R.T. -0.00 min

Lab File: VX015365.D

Acq: 26 Mar 2020 19:31

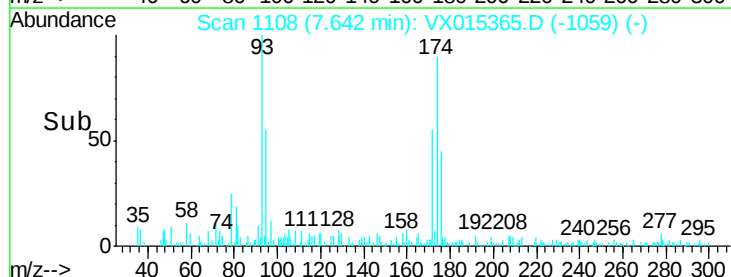
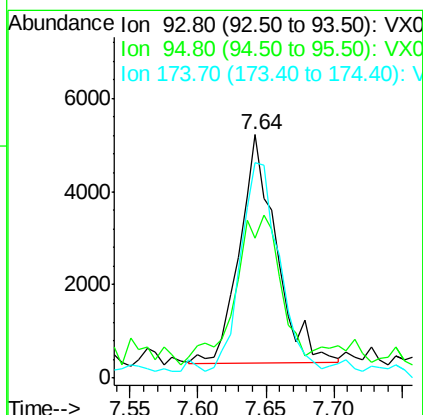
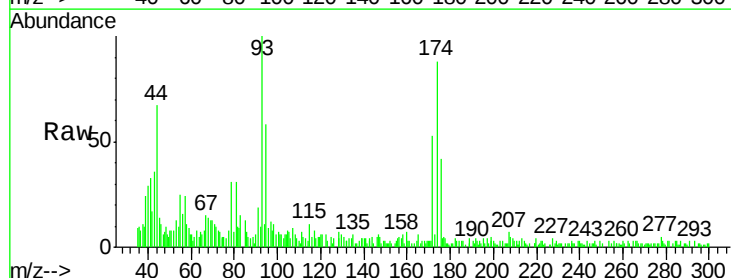
Tgt Ion: 93 Resp: 9176

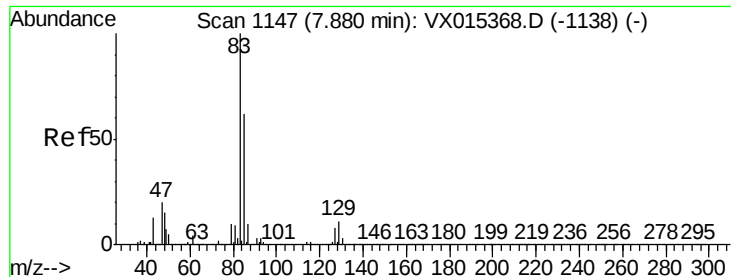
Ion Ratio Lower Upper

93 100

95 82.6 65.8 98.8

174 99.1 86.2 129.2





#47

Bromodichloromethane

Concen: 0.96 ug/l

RT: 7.88 min Scan# 1147

Delta R.T. -0.00 min

Lab File: VX015365.D

Acq: 26 Mar 2020 19:31

Instrument :

MSVOA_X

ClientSampled :

VSTDIC001

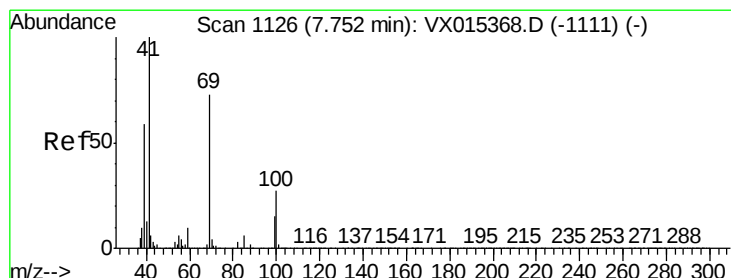
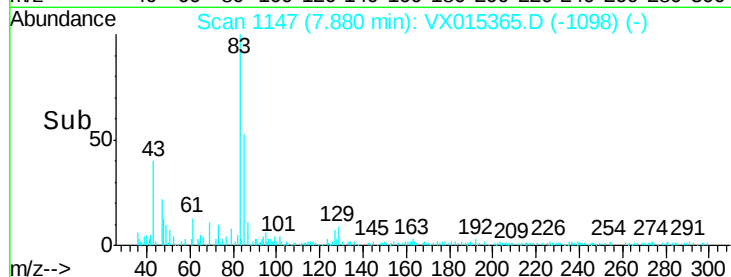
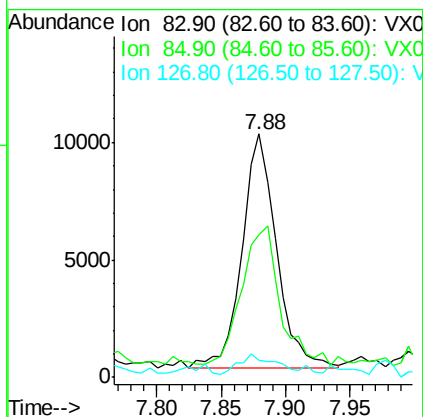
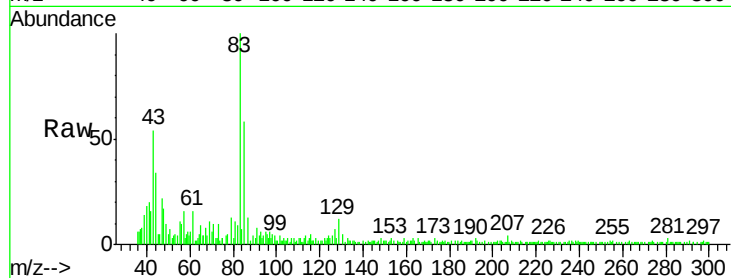
Tgt Ion: 83 Resp: 18285

Ion Ratio Lower Upper

83 100

85 54.1 49.7 74.5

127 4.2 6.7 10.1#



#48

Methyl methacrylate

Concen: 0.96 ug/l

RT: 7.75 min Scan# 1126

Delta R.T. -0.00 min

Lab File: VX015365.D

Acq: 26 Mar 2020 19:31

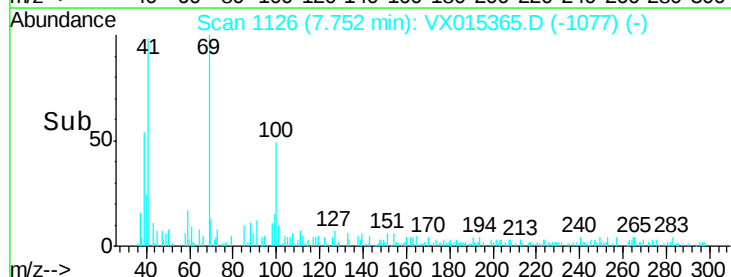
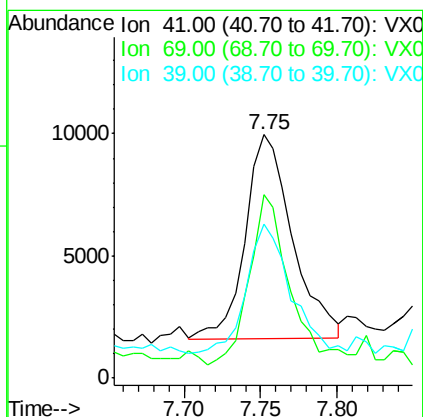
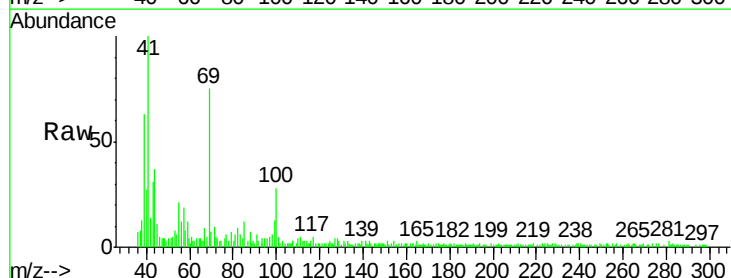
Tgt Ion: 41 Resp: 18004

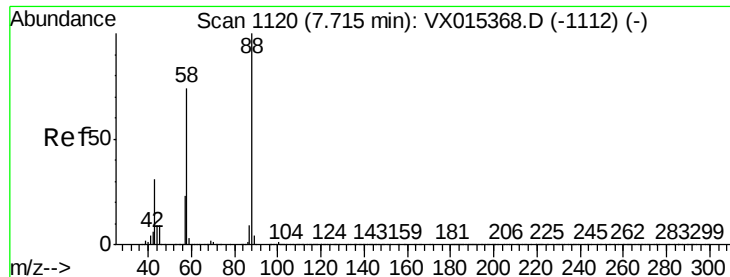
Ion Ratio Lower Upper

41 100

69 72.2 56.7 85.1

39 59.0 46.5 69.7





#49

1,4-Dioxane

Concen: 19.27 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. 0.01 min

Lab File: VX015365.D

Acq: 26 Mar 2020 19:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

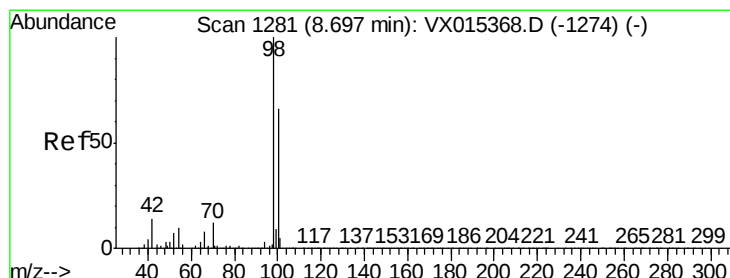
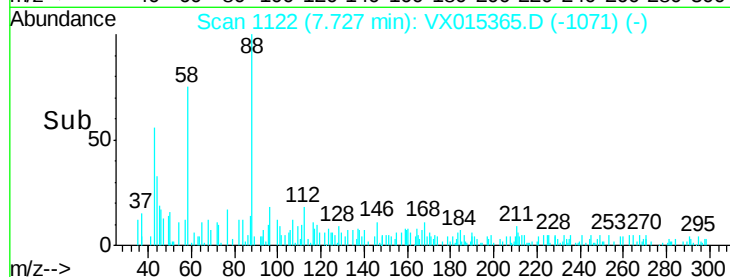
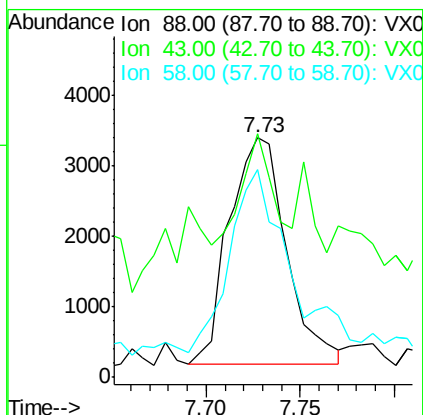
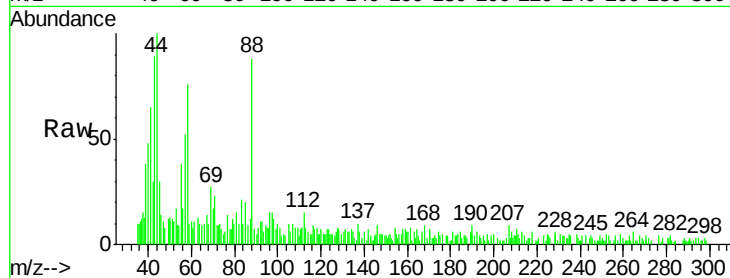
Tgt Ion: 88 Resp: 6743

Ion Ratio Lower Upper

88 100

43 43.5 30.1 45.1

58 84.0 60.6 90.8



#50

Toluene-d8

Concen: 1.00 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. -0.00 min

Lab File: VX015365.D

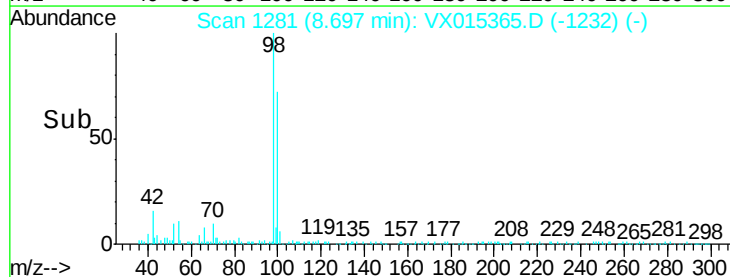
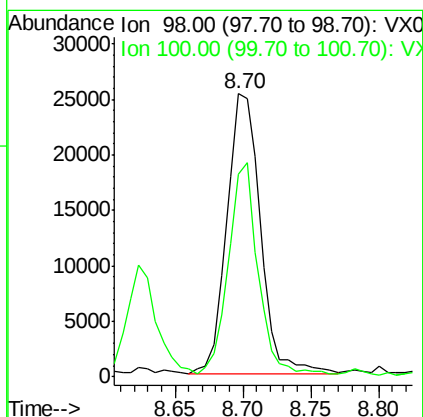
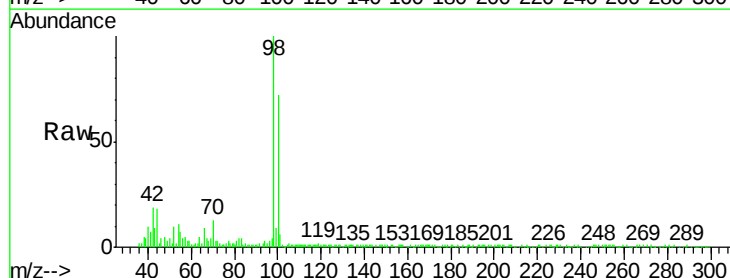
Acq: 26 Mar 2020 19:31

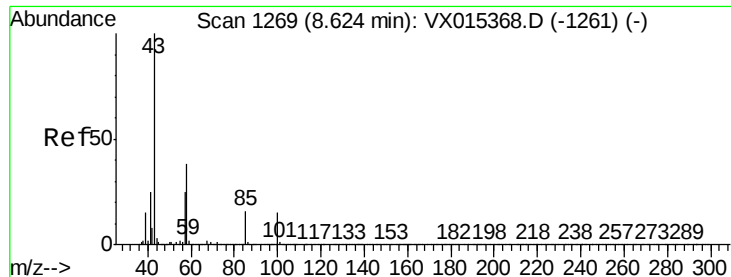
Tgt Ion: 98 Resp: 43433

Ion Ratio Lower Upper

98 100

100 66.2 53.5 80.3

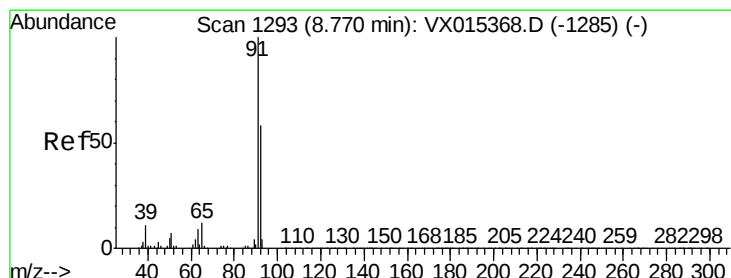
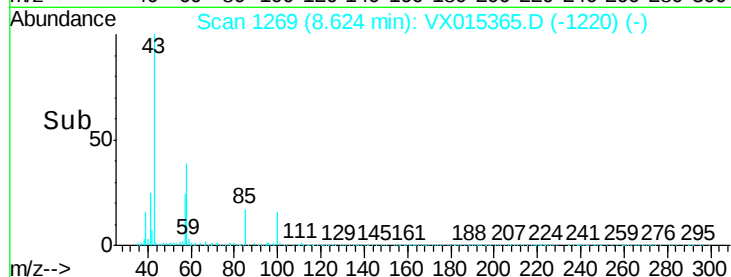
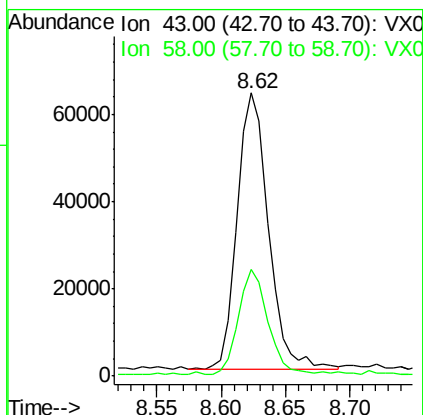
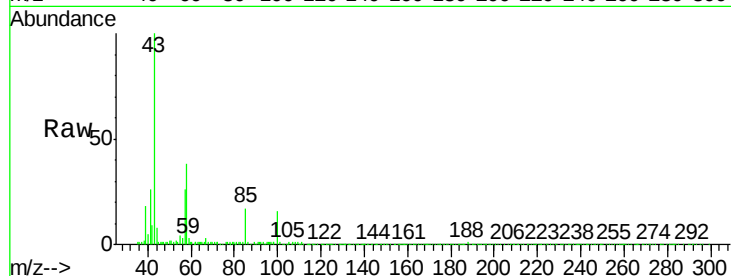




#51
 4-Methyl-2-Pentanone
 Concen: 4.99 ug/l
 RT: 8.62 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VX015365.D
 Acq: 26 Mar 2020 19:31

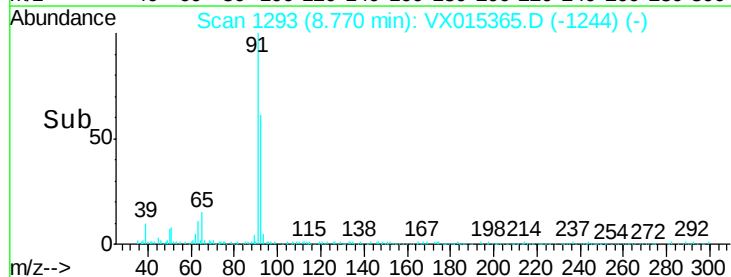
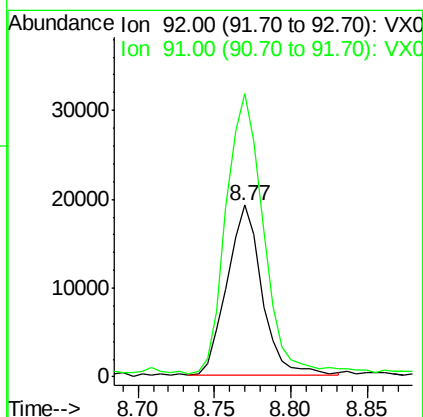
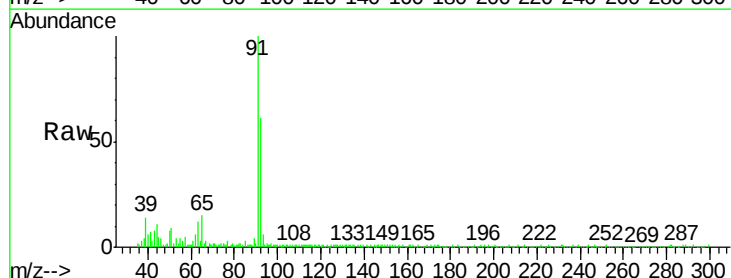
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

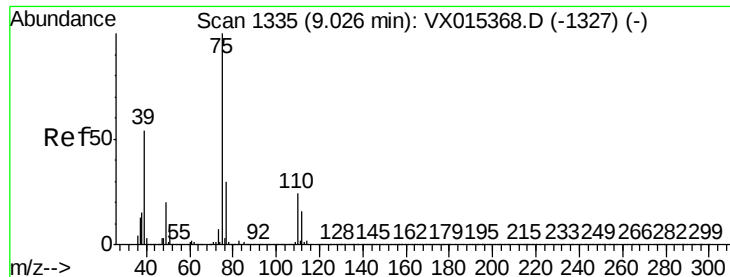
Tgt Ion: 43 Resp: 106166
 Ion Ratio Lower Upper
 43 100
 58 36.1 29.7 44.5



#52
 Toluene
 Concen: 0.98 ug/l
 RT: 8.77 min Scan# 1293
 Delta R.T. -0.00 min
 Lab File: VX015365.D
 Acq: 26 Mar 2020 19:31

Tgt Ion: 92 Resp: 30088
 Ion Ratio Lower Upper
 92 100
 91 177.8 136.6 205.0





#53

t-1,3-Dichloropropene

Concen: 1.04 ug/l

RT: 9.03 min Scan# 1335

Delta R.T. -0.00 min

Lab File: VX015365.D

Acq: 26 Mar 2020 19:31

Instrument :

MSVOA_X

ClientSampleId :

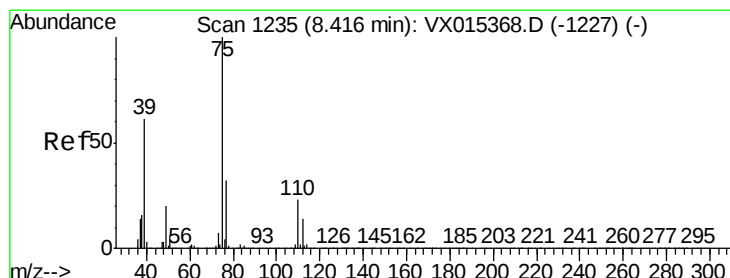
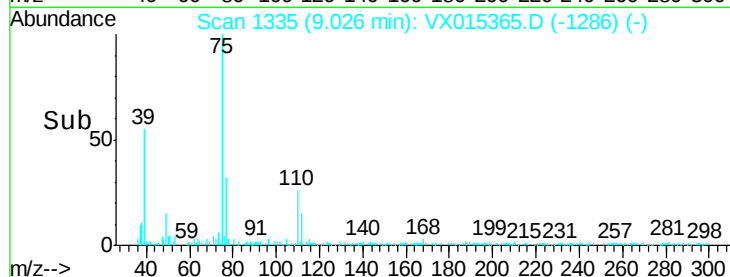
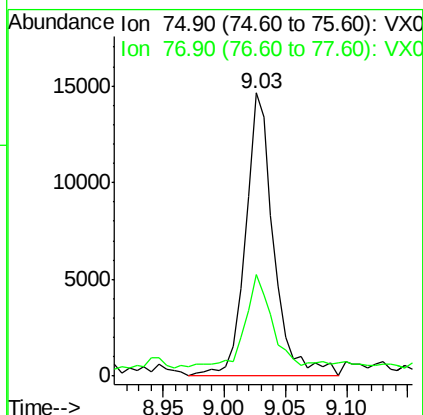
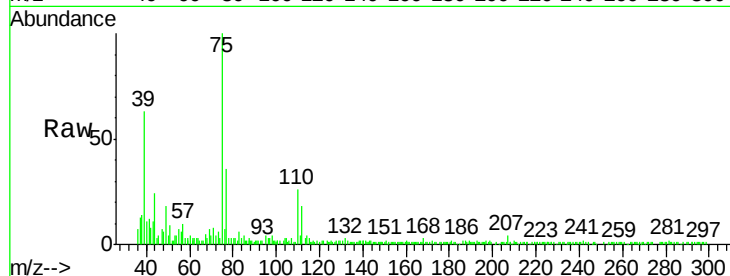
VSTDIC001

Tgt Ion: 75 Resp: 23450

Ion Ratio Lower Upper

75 100

77 32.3 24.1 36.1



#54

cis-1,3-Dichloropropene

Concen: 0.95 ug/l

RT: 8.42 min Scan# 1236

Delta R.T. 0.01 min

Lab File: VX015365.D

Acq: 26 Mar 2020 19:31

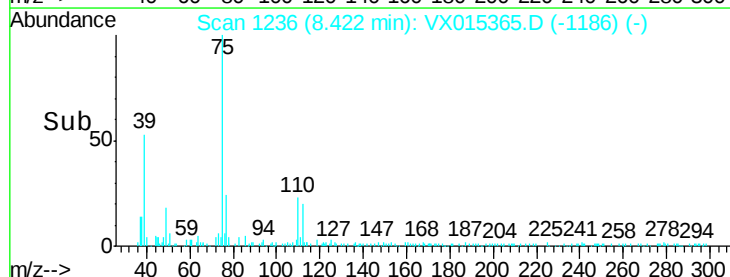
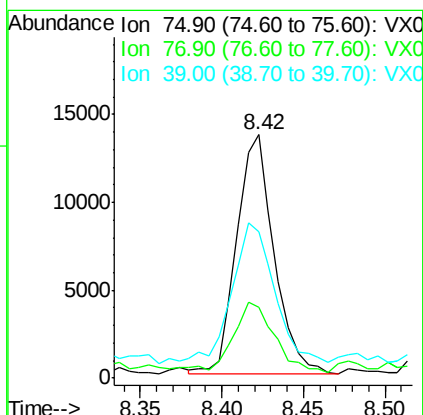
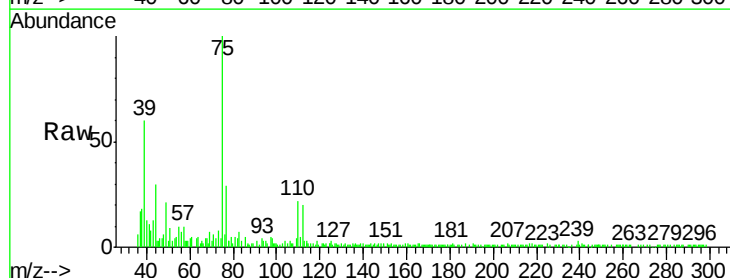
Tgt Ion: 75 Resp: 21659

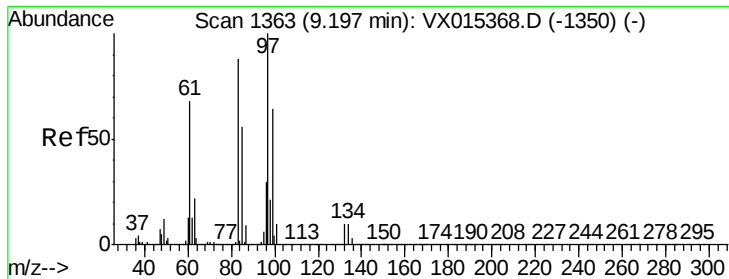
Ion Ratio Lower Upper

75 100

77 25.6 25.8 38.6#

39 53.0 49.0 73.4





#55

1,1,2-Trichloroethane

Concen: 0.95 ug/l

RT: 9.20 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VX015365.D

Acq: 26 Mar 2020 19:31

Instrument :

MSVOA_X

ClientSampled :

VSTDIC001

Tgt Ion: 97 Resp: 12067

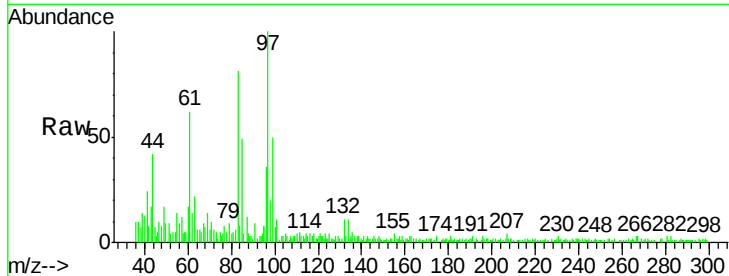
Ion Ratio Lower Upper

97 100

83 81.1 70.2 105.4

85 42.1 44.7 67.1#

99 46.2 51.1 76.7#

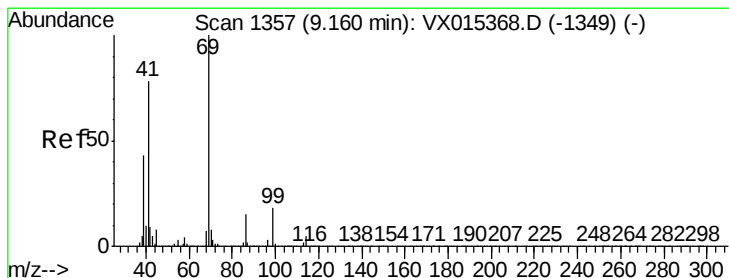
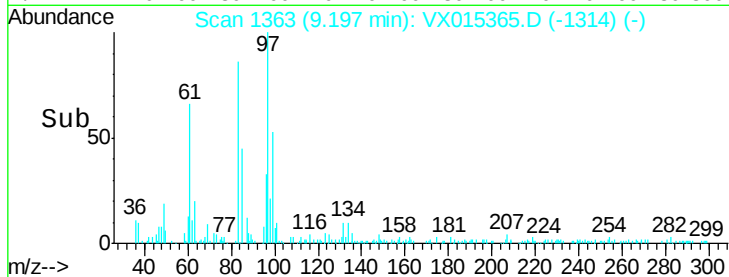
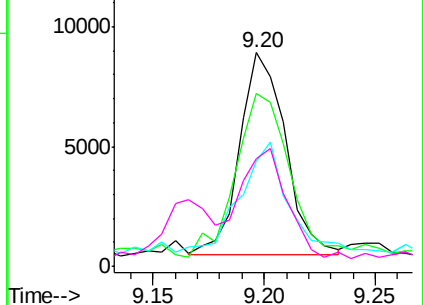


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 1.00 ug/l

RT: 9.16 min Scan# 1357

Delta R.T. -0.00 min

Lab File: VX015365.D

Acq: 26 Mar 2020 19:31

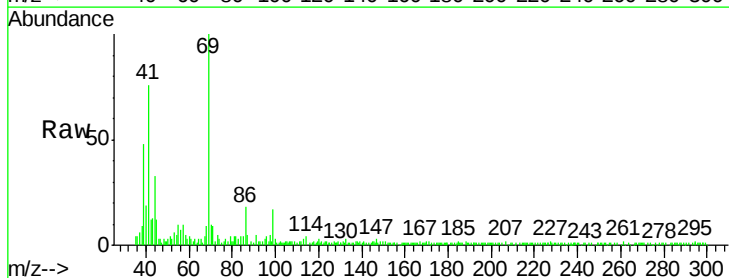
Tgt Ion: 69 Resp: 22190

Ion Ratio Lower Upper

69 100

41 72.4 61.6 92.4

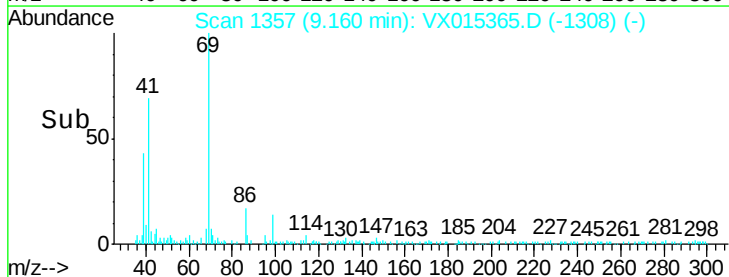
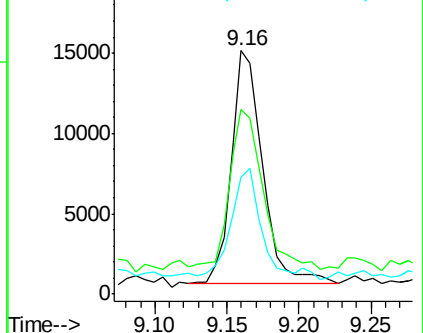
39 49.2 34.0 51.0

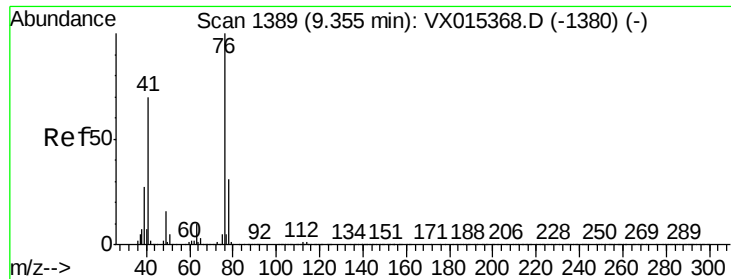


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 1.08 ug/l

RT: 9.36 min Scan# 1389

Delta R.T. -0.00 min

Lab File: VX015365.D

Acq: 26 Mar 2020 19:31

Instrument :

MSVOA_X

ClientSampleId :

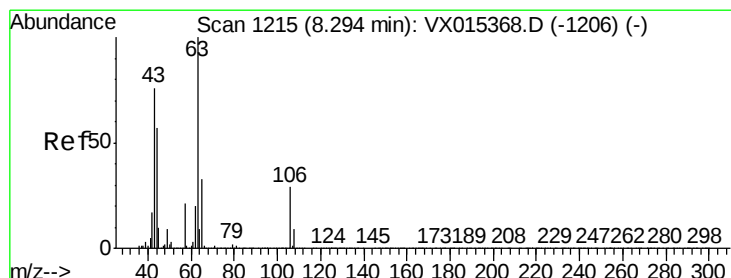
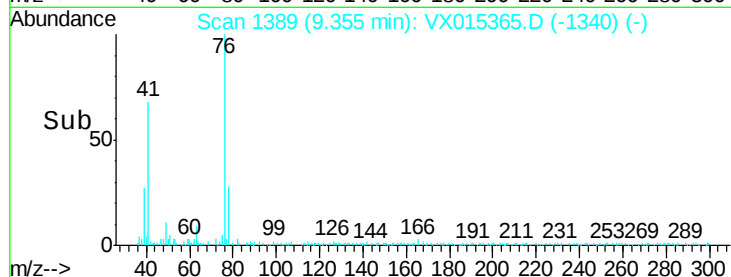
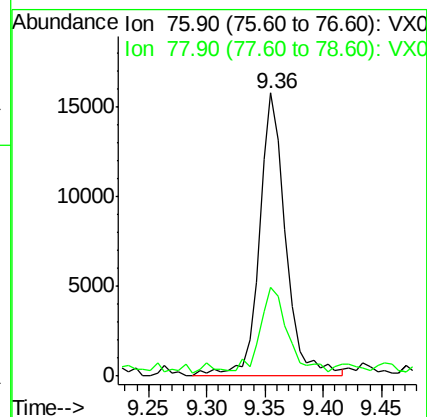
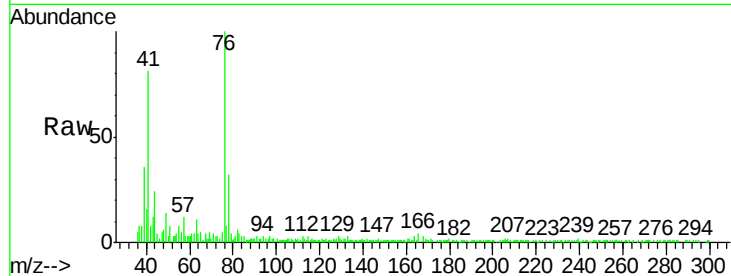
VSTDIC001

Tgt Ion: 76 Resp: 24683

Ion Ratio Lower Upper

76 100

78 30.3 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 4.87 ug/l

RT: 8.29 min Scan# 1215

Delta R.T. -0.00 min

Lab File: VX015365.D

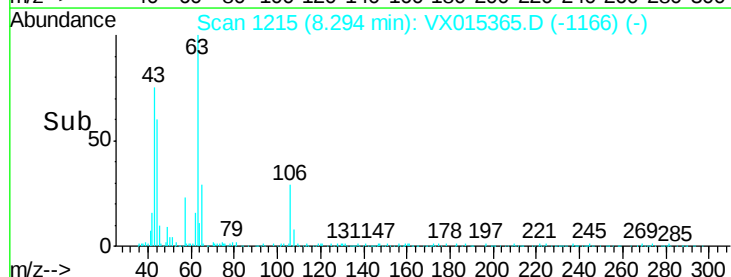
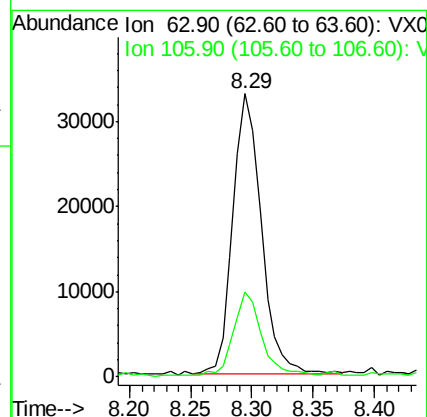
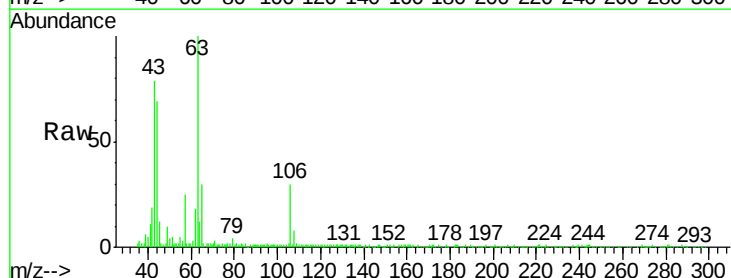
Acq: 26 Mar 2020 19:31

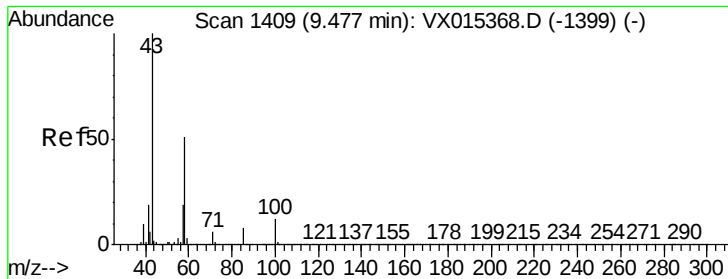
Tgt Ion: 63 Resp: 52819

Ion Ratio Lower Upper

63 100

106 32.0 22.7 34.1

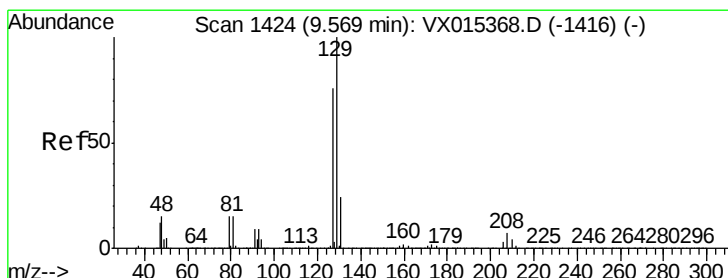
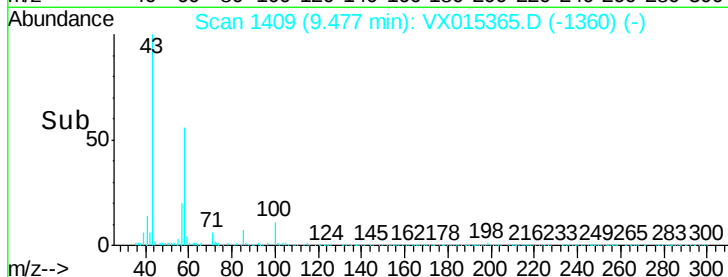
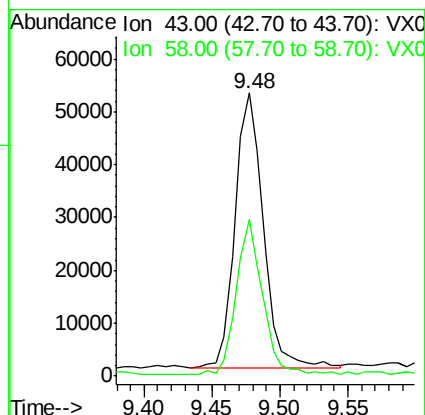
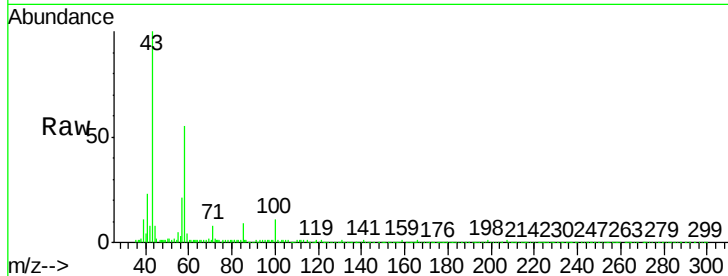




#59
2-Hexanone
Concen: 4.71 ug/l
RT: 9.48 min Scan# 1409
Delta R.T. -0.00 min
Lab File: VX015365.D
Acq: 26 Mar 2020 19:31

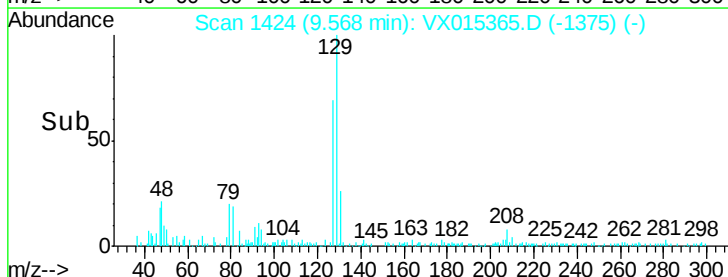
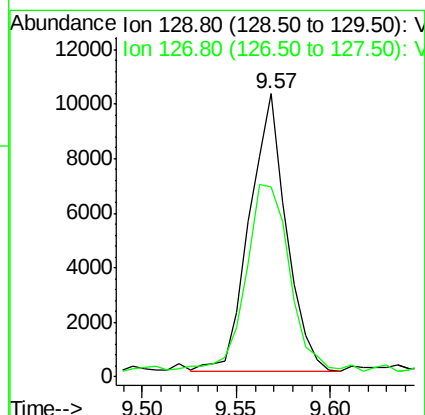
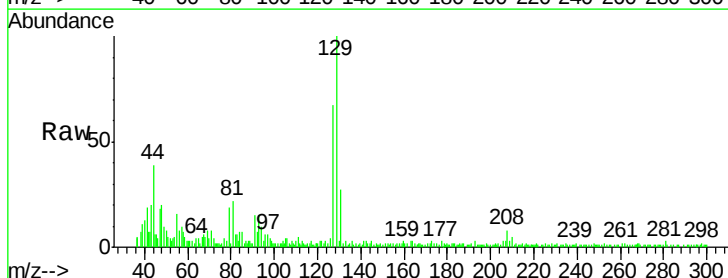
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

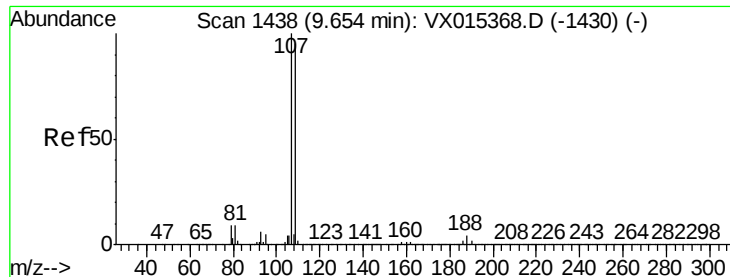
Tgt Ion: 43 Resp: 75696
Ion Ratio Lower Upper
43 100
58 52.5 25.6 76.6



#60
Dibromochloromethane
Concen: 0.91 ug/l
RT: 9.57 min Scan# 1424
Delta R.T. -0.00 min
Lab File: VX015365.D
Acq: 26 Mar 2020 19:31

Tgt Ion: 129 Resp: 13813
Ion Ratio Lower Upper
129 100
127 76.4 38.2 114.6





#61

1,2-Dibromoethane

Concen: 0.96 ug/l

RT: 9.65 min Scan# 1438

Delta R.T. -0.00 min

Lab File: VX015365.D

Acq: 26 Mar 2020 19:31

Instrument :

MSVOA_X

ClientSampleId :

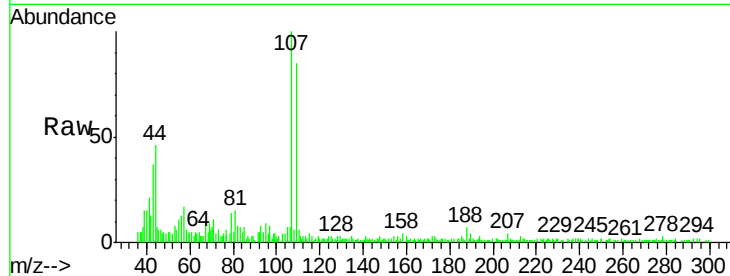
VSTDIC001

Tgt Ion: 107 Resp: 13257

Ion Ratio Lower Upper

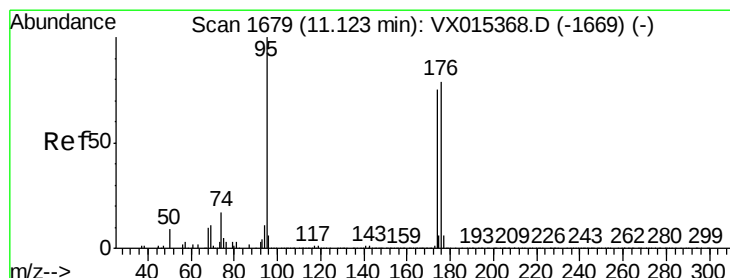
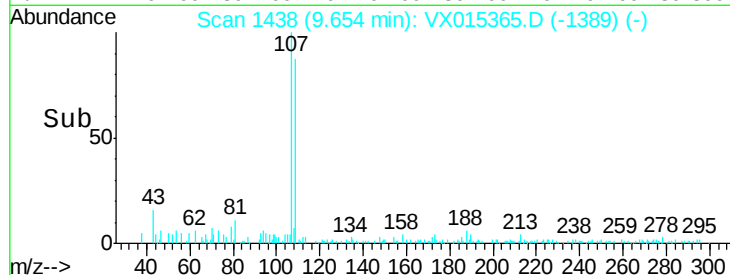
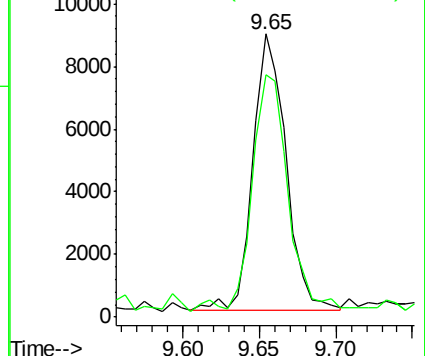
107 100

109 90.5 74.8 112.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 1.10 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. -0.00 min

Lab File: VX015365.D

Acq: 26 Mar 2020 19:31

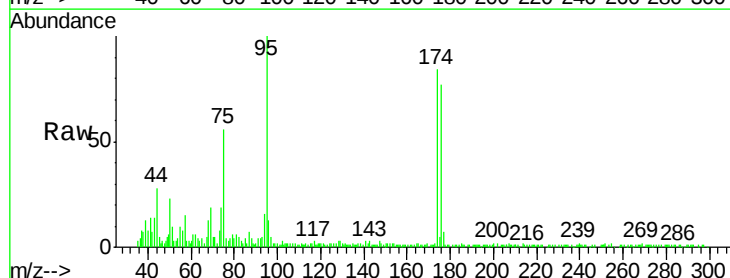
Tgt Ion: 95 Resp: 19473

Ion Ratio Lower Upper

95 100

174 78.5 0.0 158.6

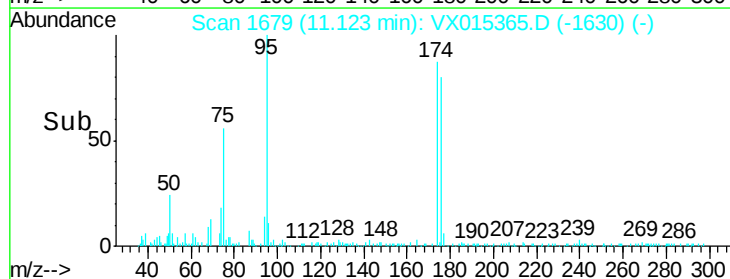
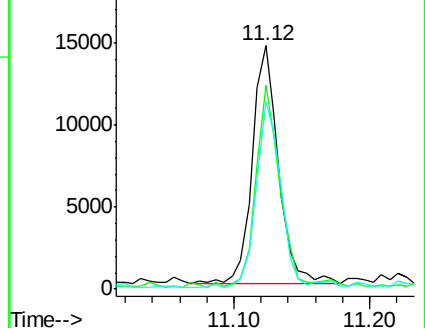
176 73.7 0.0 159.0

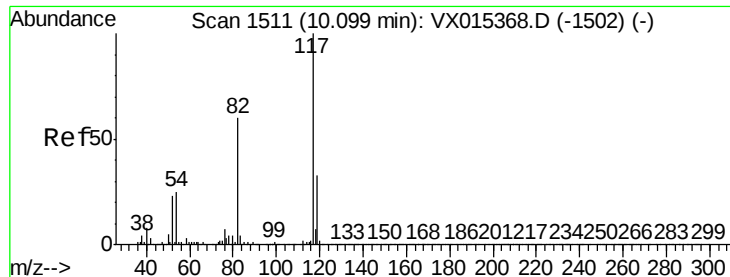


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

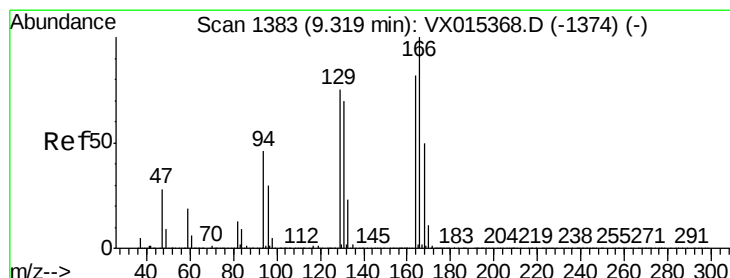
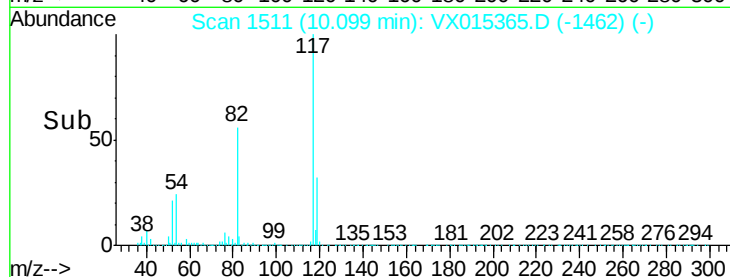
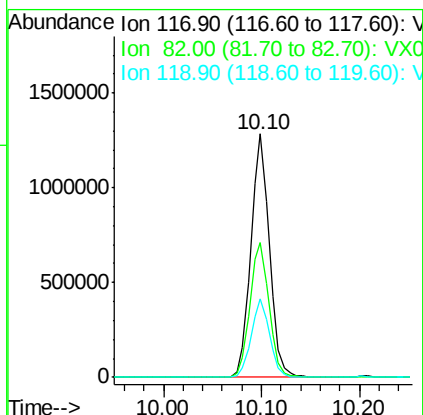
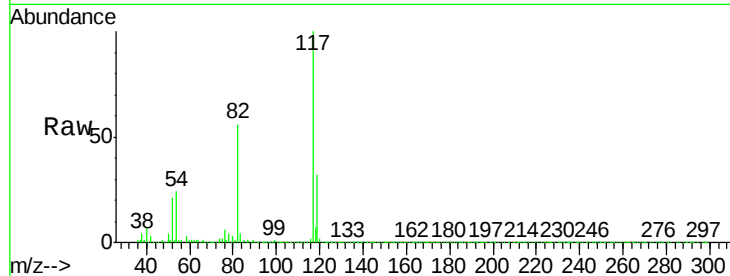




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. -0.00 min
Lab File: VX015365.D
Acq: 26 Mar 2020 19:31

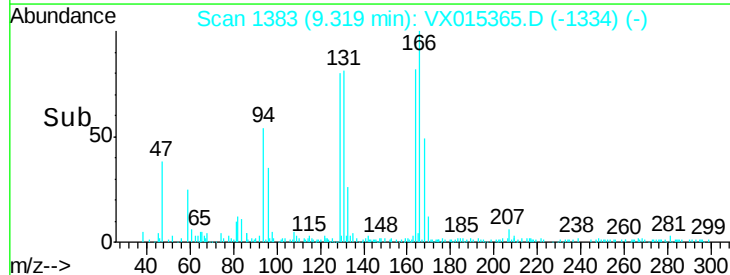
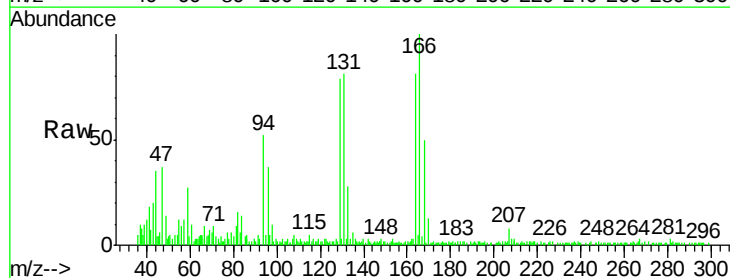
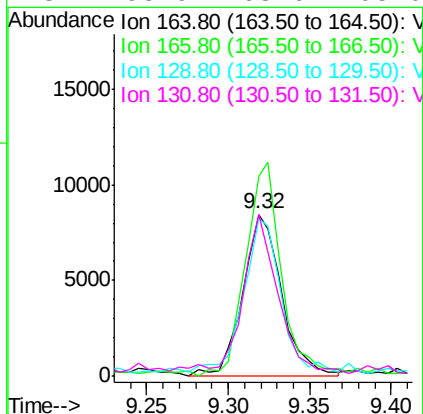
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

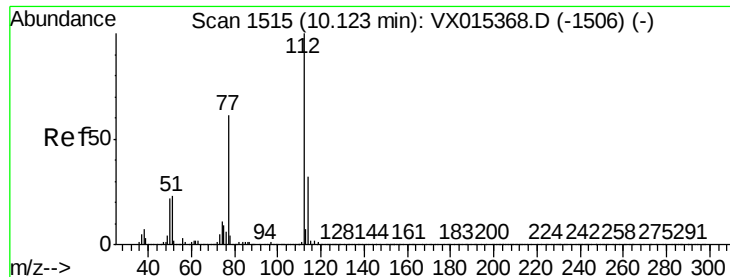
Tgt Ion:117 Resp: 1676582
Ion Ratio Lower Upper
117 100
82 55.6 47.8 71.8
119 32.2 26.8 40.2



#64
Tetrachloroethene
Concen: 1.11 ug/l
RT: 9.32 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX015365.D
Acq: 26 Mar 2020 19:31

Tgt Ion:164 Resp: 14059
Ion Ratio Lower Upper
164 100
166 120.0 97.8 146.6
129 95.2 73.0 109.4
131 95.9 68.6 103.0





#65

Chlorobenzene

Concen: 1.06 ug/l

RT: 10.12 min Scan# 1515

Delta R.T. -0.00 min

Lab File: VX015365.D

Acq: 26 Mar 2020 19:31

Instrument :

MSVOA_X

ClientSampled :

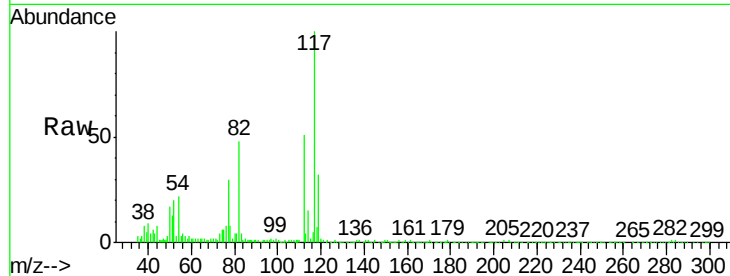
VSTDIC001

Tgt Ion:112 Resp: 35522

Ion Ratio Lower Upper

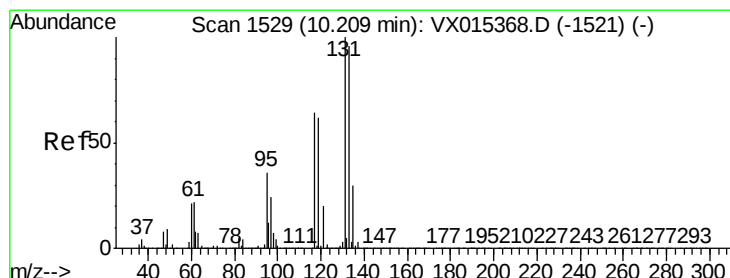
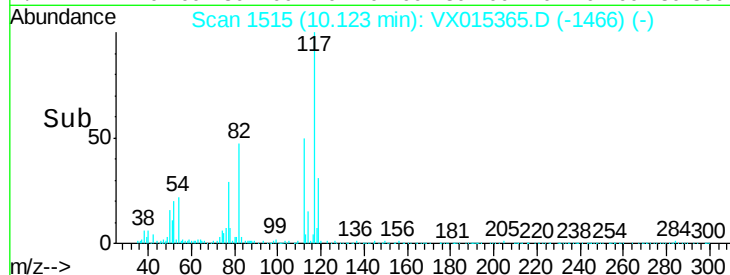
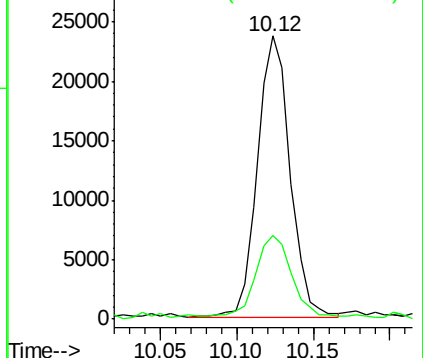
112 100

114 28.6 25.5 38.3



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 1.02 ug/l

RT: 10.20 min Scan# 1528

Delta R.T. -0.01 min

Lab File: VX015365.D

Acq: 26 Mar 2020 19:31

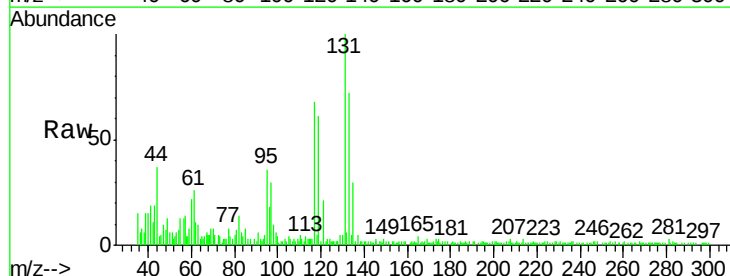
Tgt Ion:131 Resp: 13589

Ion Ratio Lower Upper

131 100

133 92.7 47.6 142.9

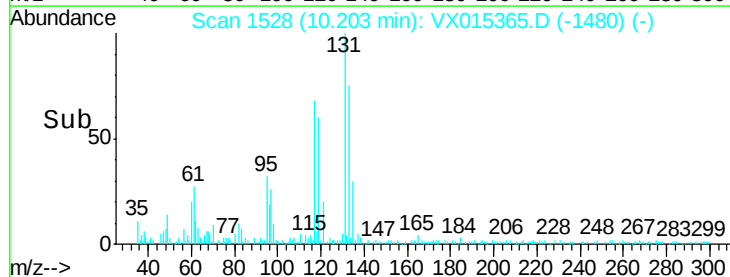
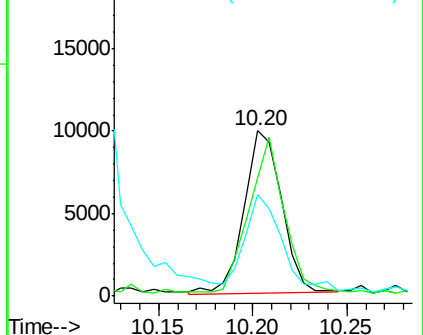
119 0.0 31.1 93.3#

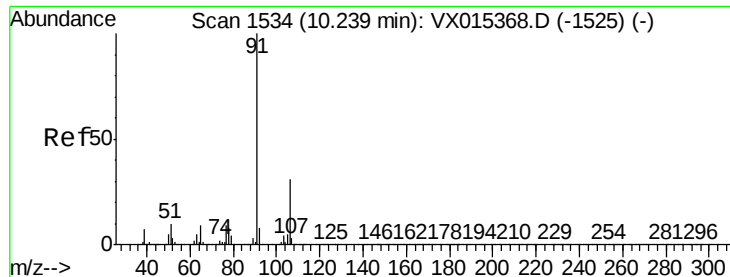


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 1.01 ug/l

RT: 10.24 min Scan# 1534

Delta R.T. -0.00 min

Lab File: VX015365.D

Acq: 26 Mar 2020 19:31

Instrument :

MSVOA_X

ClientSampleId :

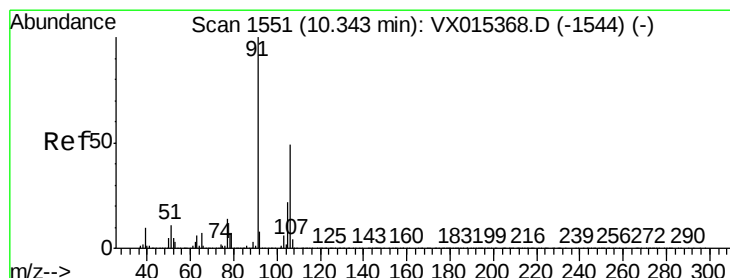
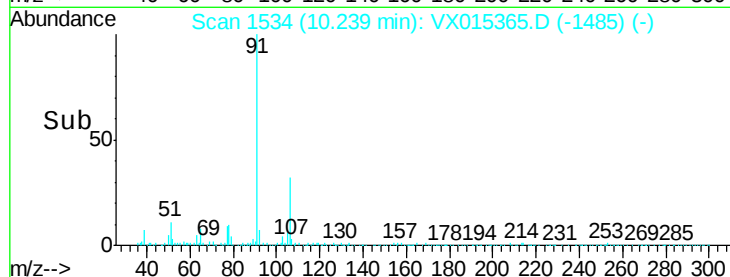
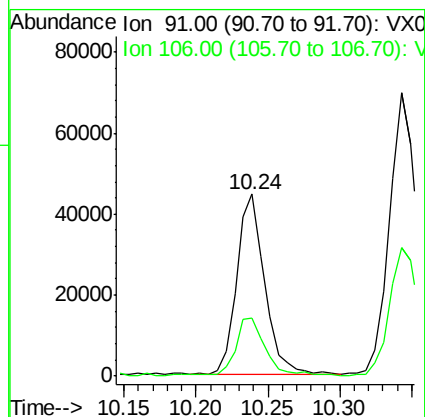
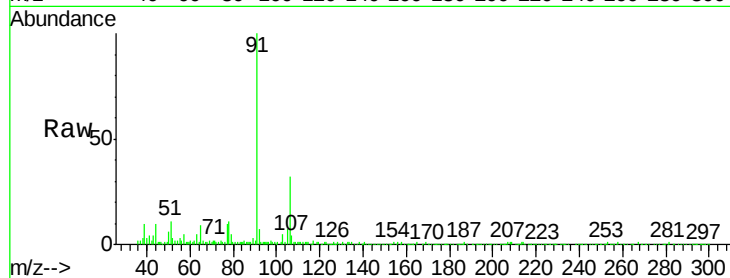
VSTDIC001

Tgt Ion: 91 Resp: 60133

Ion Ratio Lower Upper

91 100

106 31.7 24.8 37.2



#68

m/p-Xylenes

Concen: 2.03 ug/l

RT: 10.34 min Scan# 1551

Delta R.T. -0.00 min

Lab File: VX015365.D

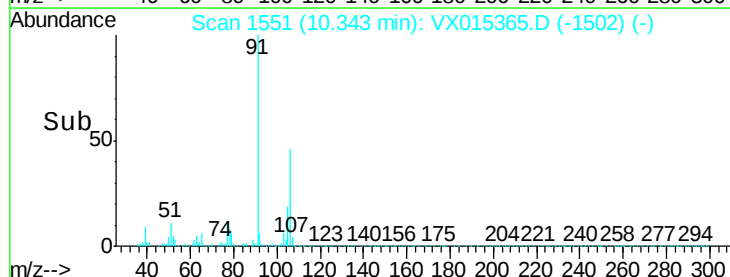
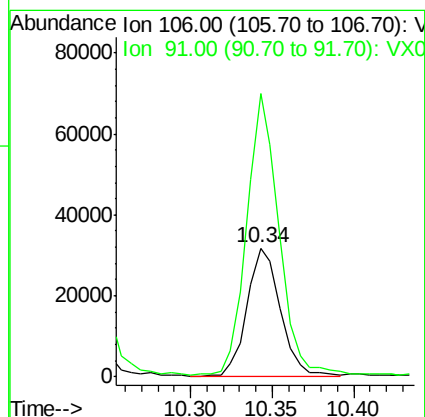
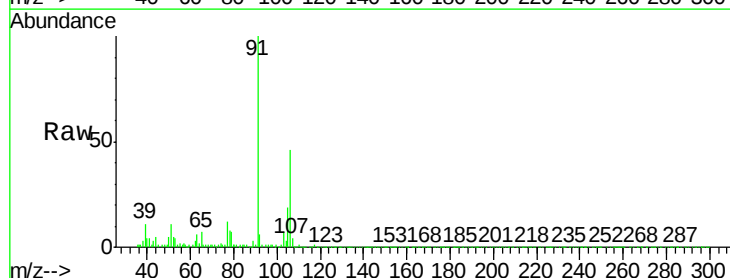
Acq: 26 Mar 2020 19:31

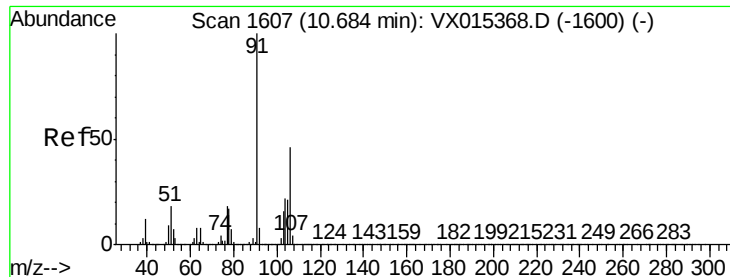
Tgt Ion: 106 Resp: 44814

Ion Ratio Lower Upper

106 100

91 213.3 163.4 245.0

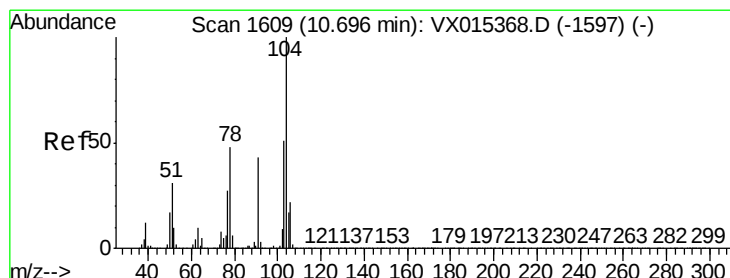
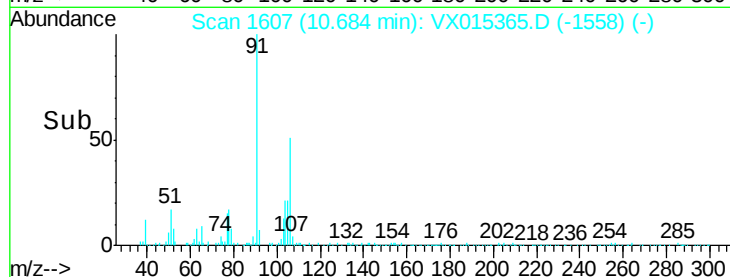
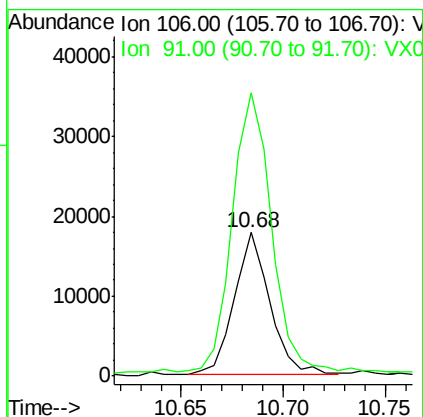
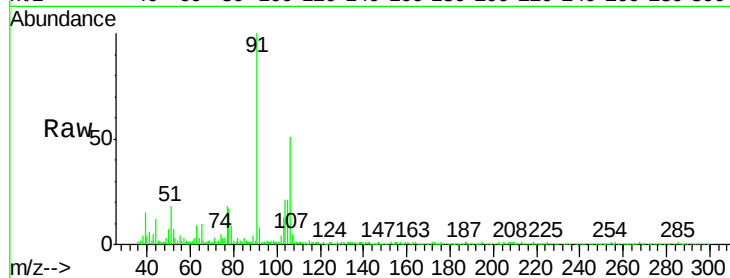




#69
o-Xylene
Concen: 0.97 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. -0.00 min
Lab File: VX015365.D
Acq: 26 Mar 2020 19:31

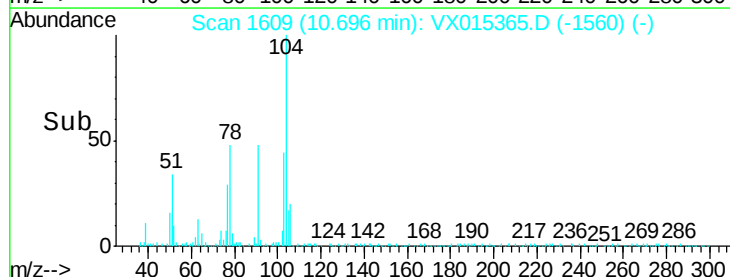
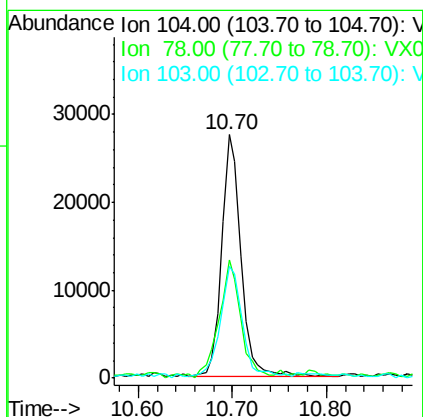
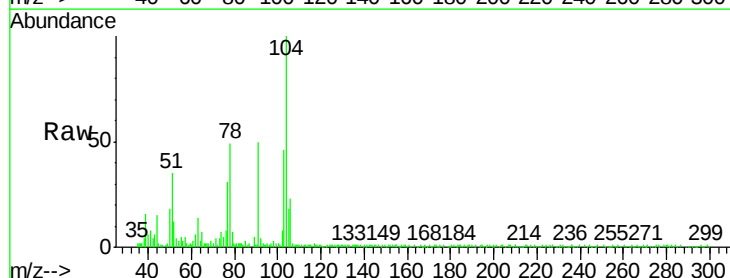
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

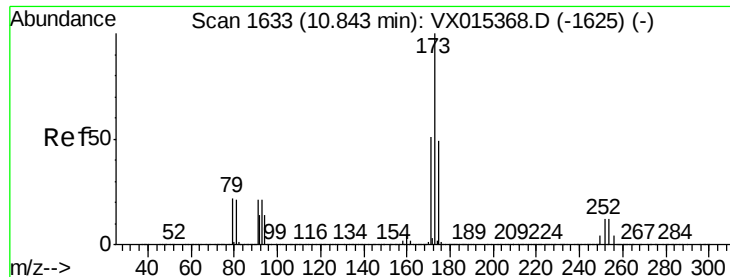
Tgt Ion:106 Resp: 21219
Ion Ratio Lower Upper
106 100
91 220.4 107.1 321.3



#70
Styrene
Concen: 1.02 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX015365.D
Acq: 26 Mar 2020 19:31

Tgt Ion:104 Resp: 39343
Ion Ratio Lower Upper
104 100
78 54.8 42.0 63.0
103 50.5 43.4 65.0





#71

Bromoform

Concen: 1.00 ug/l

RT: 10.84 min Scan# 1633

Delta R.T. -0.00 min

Lab File: VX015365.D

Acq: 26 Mar 2020 19:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

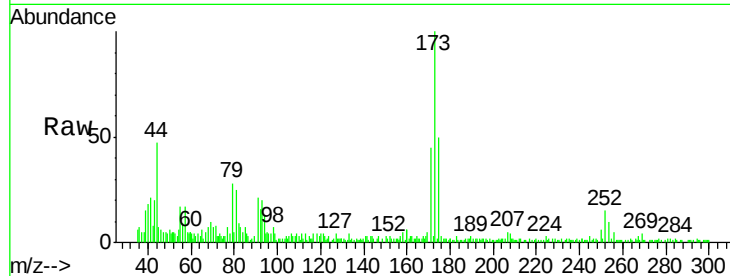
Tgt Ion:173 Resp: 12161

Ion Ratio Lower Upper

173 100

175 48.5 23.9 71.7

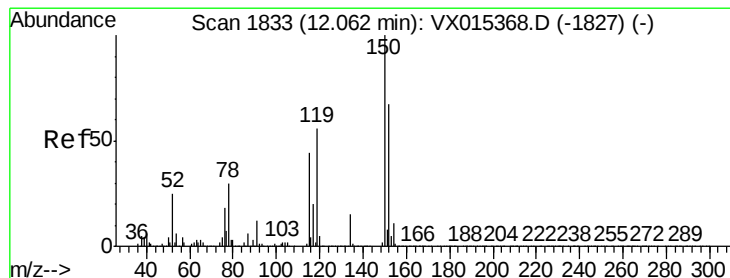
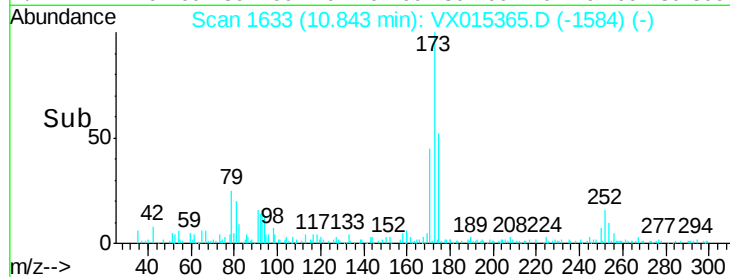
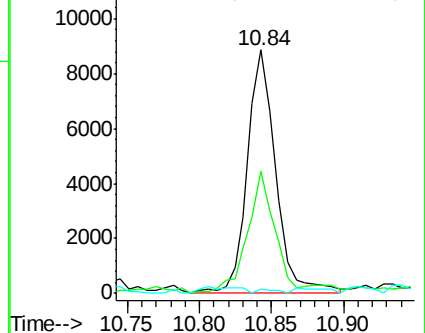
254 1.2 0.1 0.1#



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: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX015365.D

Acq: 26 Mar 2020 19:31

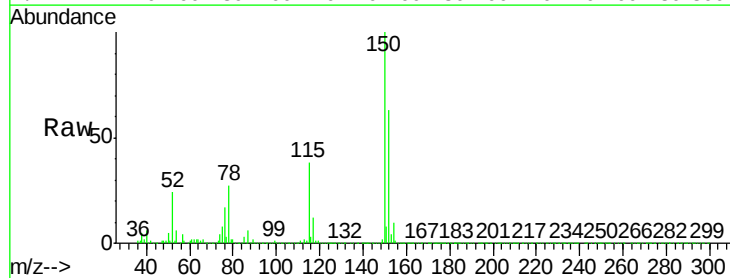
Tgt Ion:152 Resp: 845537

Ion Ratio Lower Upper

152 100

115 59.4 39.0 116.9

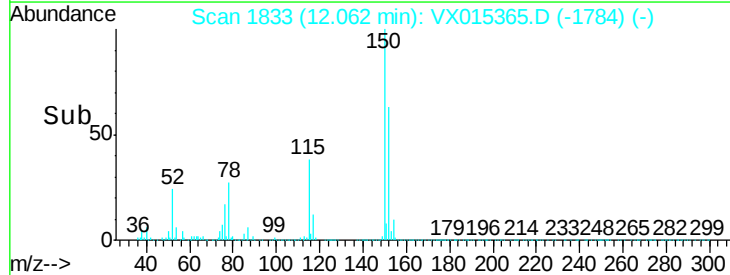
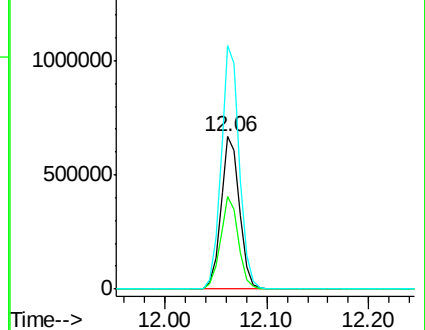
150 157.7 0.0 340.8

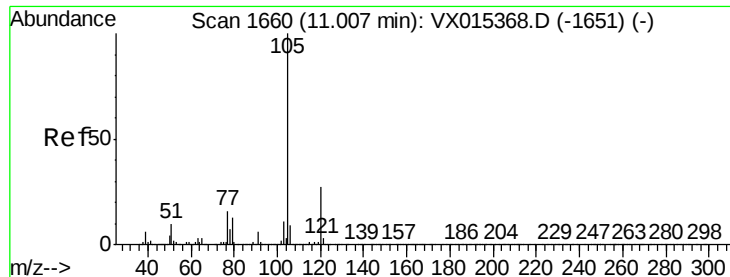


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 1.08 ug/l

RT: 11.00 min Scan# 1659

Delta R.T. -0.01 min

Lab File: VX015365.D

Acq: 26 Mar 2020 19:31

Instrument :

MSVOA_X

ClientSampleId :

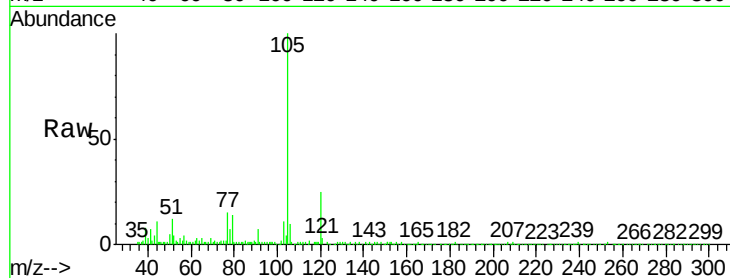
VSTDIC001

Tgt Ion: 105 Resp: 59625

Ion Ratio Lower Upper

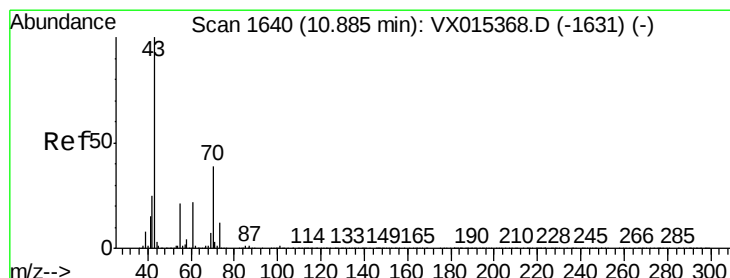
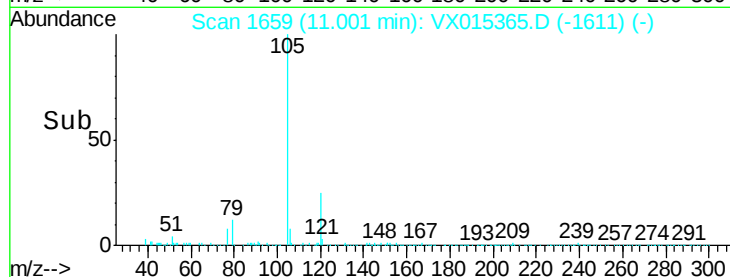
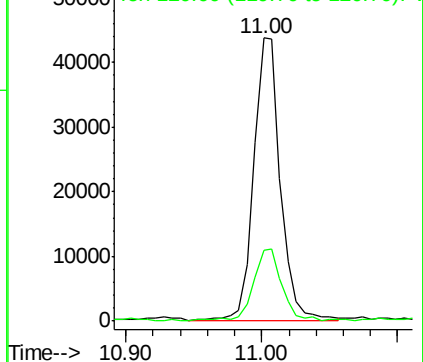
105 100

120 28.3 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 1.00 ug/l

RT: 10.89 min Scan# 1640

Delta R.T. -0.00 min

Lab File: VX015365.D

Acq: 26 Mar 2020 19:31

Tgt Ion: 43 Resp: 30917

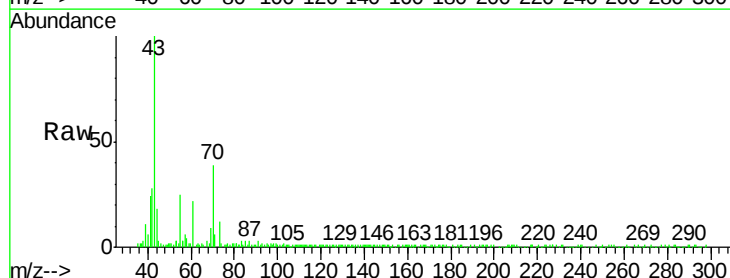
Ion Ratio Lower Upper

43 100

70 41.3 30.2 45.4

55 25.3 16.8 25.2#

61 22.4 18.2 27.2

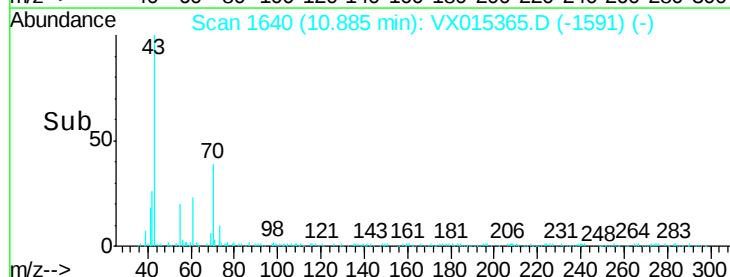
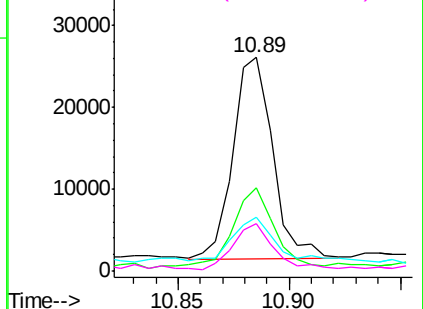


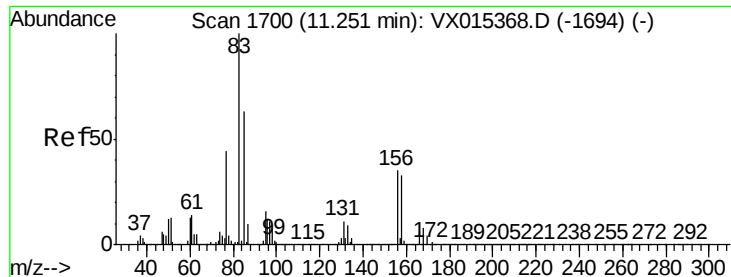
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 1.04 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX015365.D

Acq: 26 Mar 2020 19:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

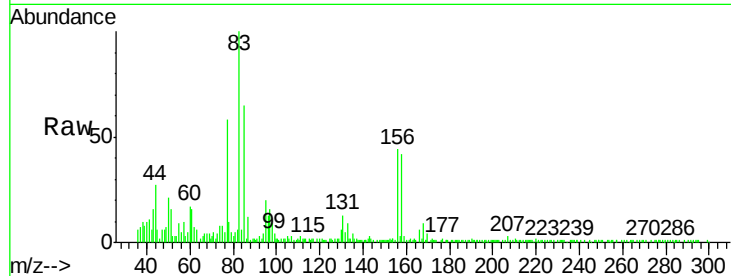
Tgt Ion: 83 Resp: 19789

Ion Ratio Lower Upper

83 100

131 15.3 5.3 16.1

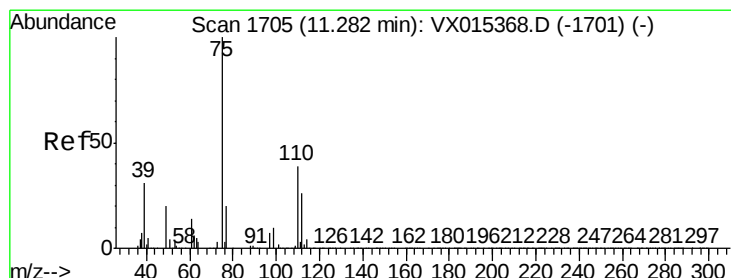
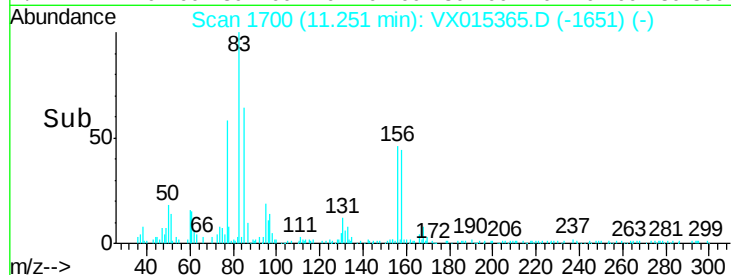
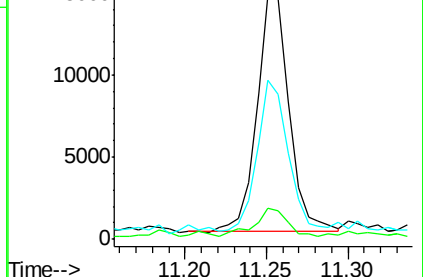
85 62.5 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 1.30 ug/l

RT: 11.28 min Scan# 1705

Delta R.T. -0.00 min

Lab File: VX015365.D

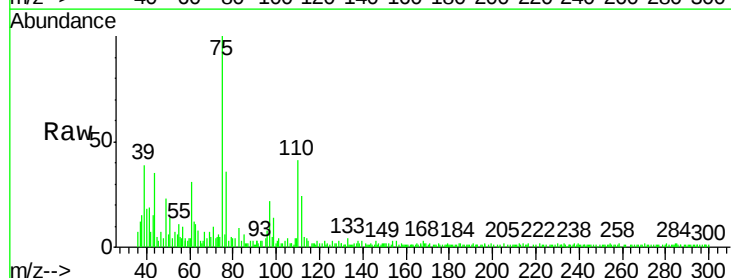
Acq: 26 Mar 2020 19:31

Tgt Ion: 75 Resp: 22592

Ion Ratio Lower Upper

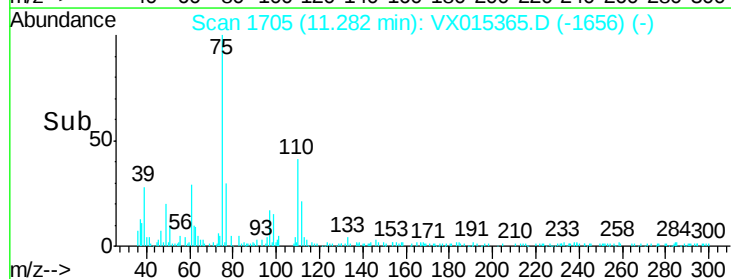
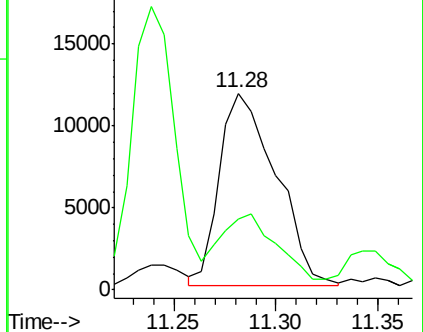
75 100

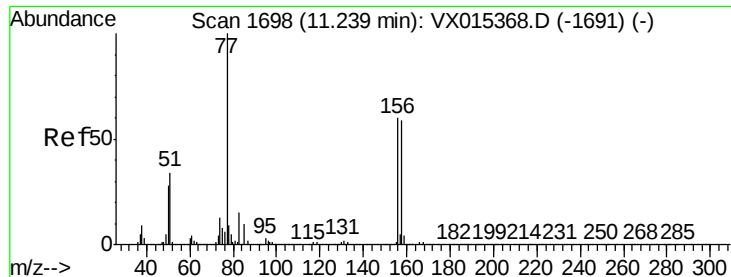
77 36.5 21.2 63.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 1.04 ug/l

RT: 11.25 min Scan# 1699

Delta R.T. 0.01 min

Lab File: VX015365.D

Acq: 26 Mar 2020 19:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

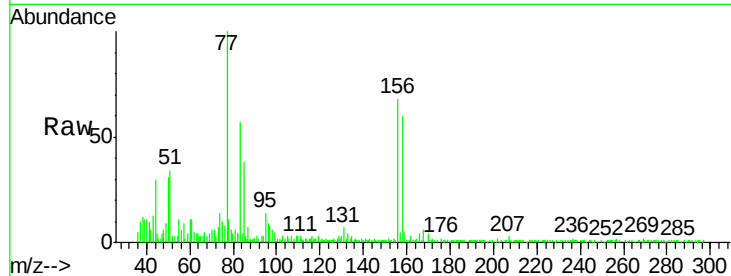
Tgt Ion:156 Resp: 15431

Ion Ratio Lower Upper

156 100

77 157.4 82.2 246.5

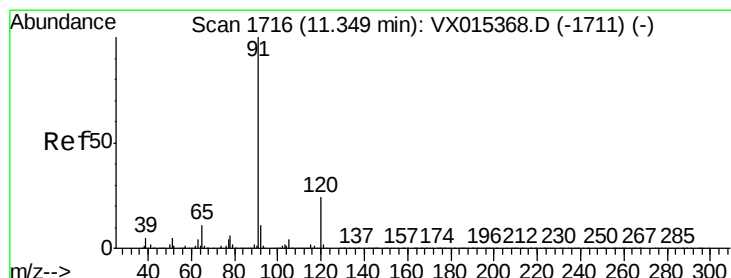
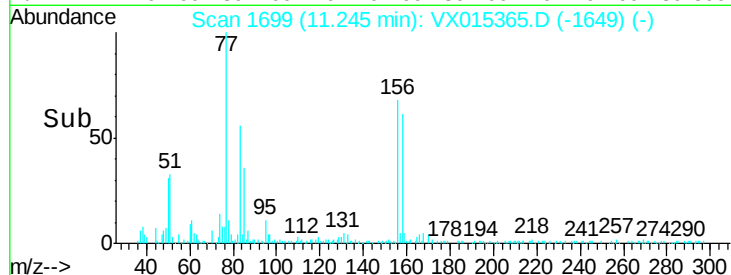
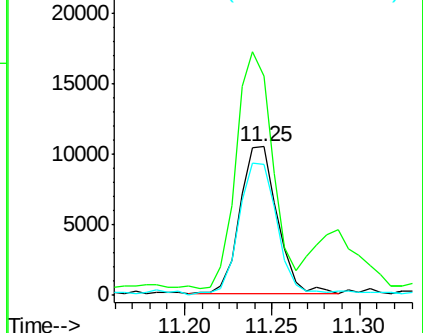
158 92.9 49.3 147.9



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: 1.06 ug/l

RT: 11.35 min Scan# 1716

Delta R.T. -0.00 min

Lab File: VX015365.D

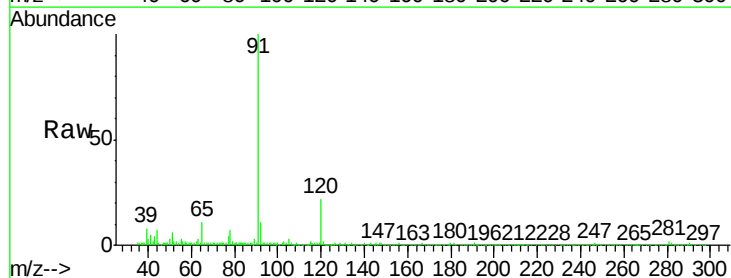
Acq: 26 Mar 2020 19:31

Tgt Ion: 91 Resp: 67308

Ion Ratio Lower Upper

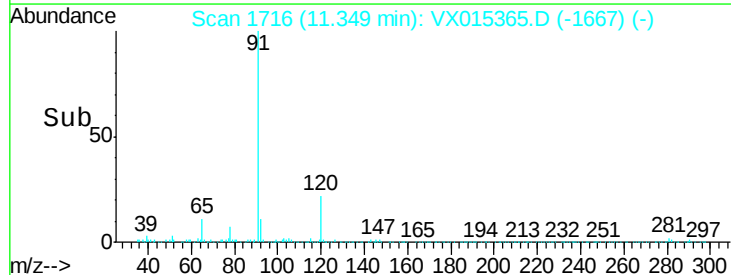
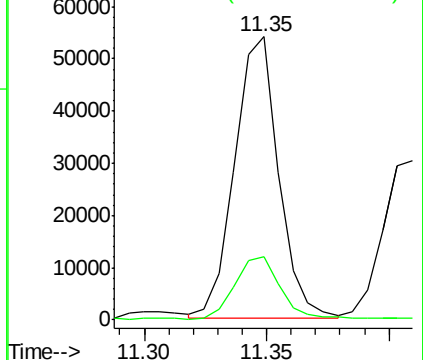
91 100

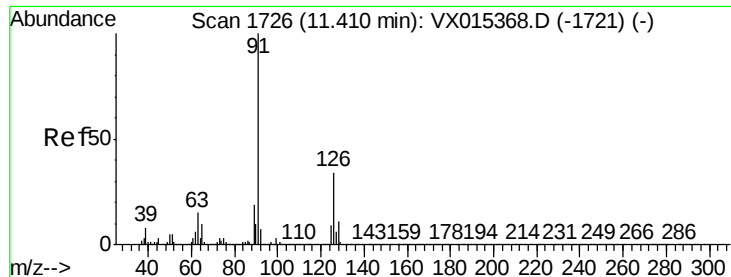
120 22.7 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 1.06 ug/l

RT: 11.41 min Scan# 1726

Delta R.T. -0.00 min

Lab File: VX015365.D

Acq: 26 Mar 2020 19:31

Instrument :

MSVOA_X

ClientSampleId :

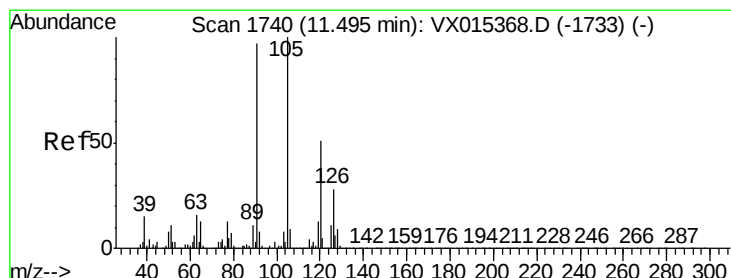
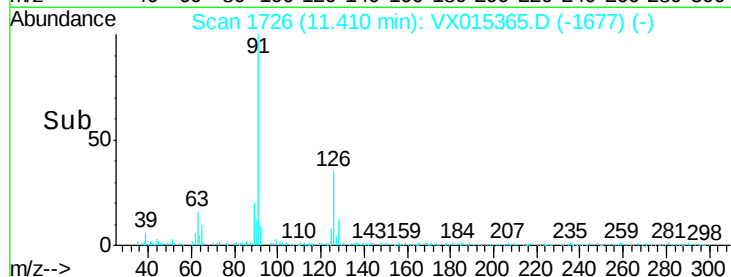
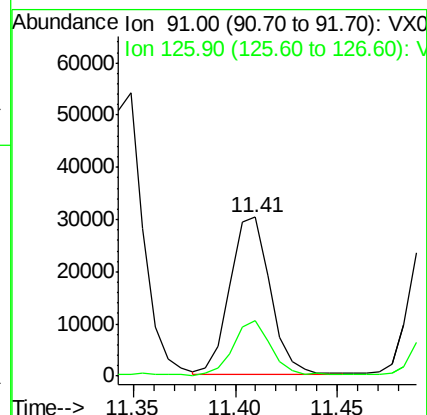
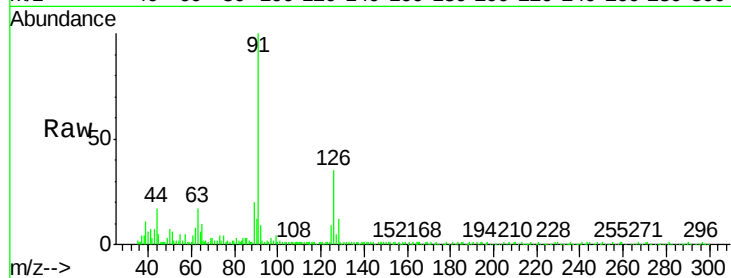
VSTDIC001

Tgt Ion: 91 Resp: 41090

Ion Ratio Lower Upper

91 100

126 34.4 16.5 49.5



#80

1,3,5-Trimethylbenzene

Concen: 1.05 ug/l

RT: 11.49 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VX015365.D

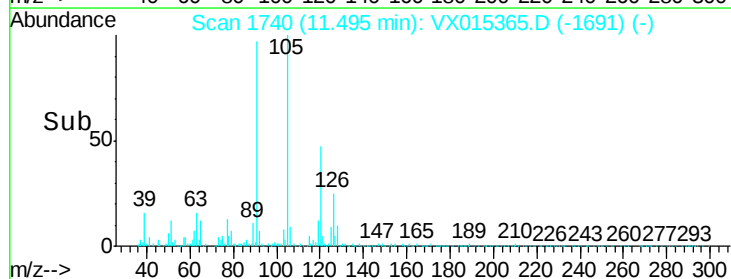
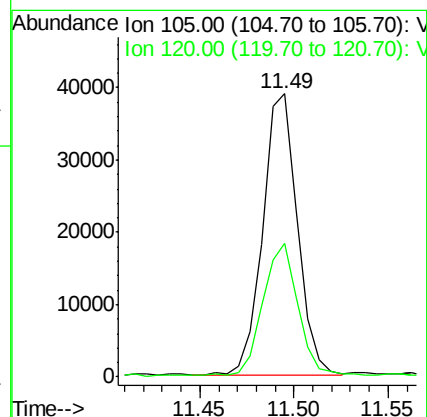
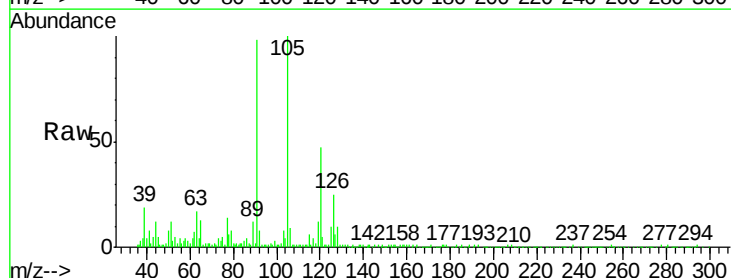
Acq: 26 Mar 2020 19:31

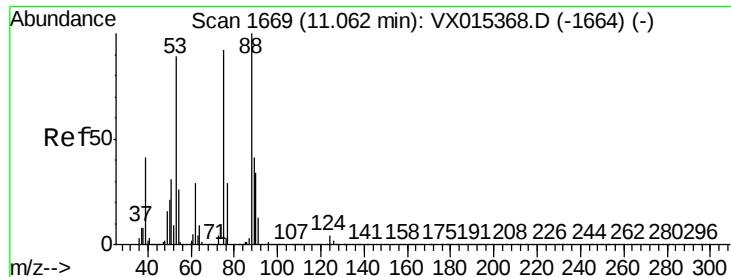
Tgt Ion: 105 Resp: 49590

Ion Ratio Lower Upper

105 100

120 47.4 24.8 74.4





#81

trans-1,4-Dichloro-2-butene

Concen: 1.00 ug/l

RT: 11.06 min Scan# 1668

Delta R.T. -0.01 min

Lab File: VX015365.D

Acq: 26 Mar 2020 19:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

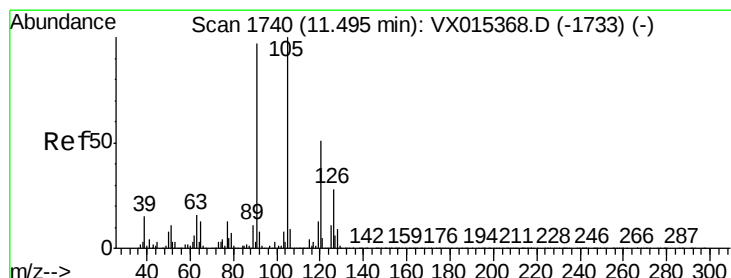
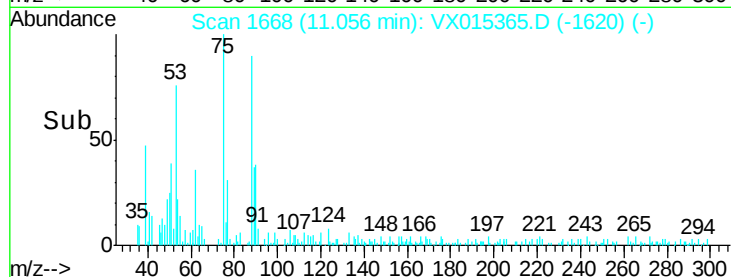
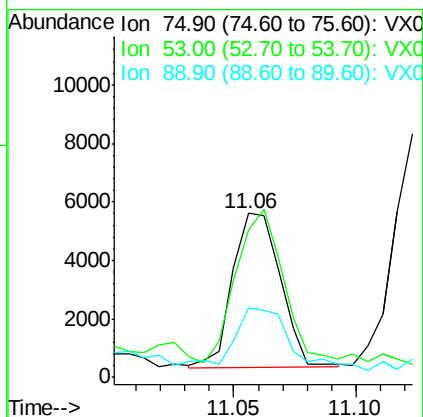
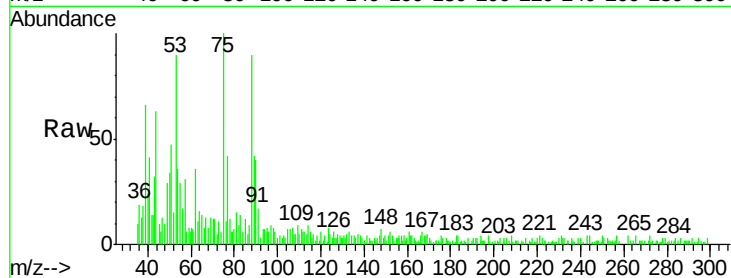
Tgt Ion: 75 Resp: 7273

Ion Ratio Lower Upper

75 100

53 97.6 80.1 120.1

89 47.7 36.1 54.1



#82

4-Chlorotoluene

Concen: 1.07 ug/l

RT: 11.49 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VX015365.D

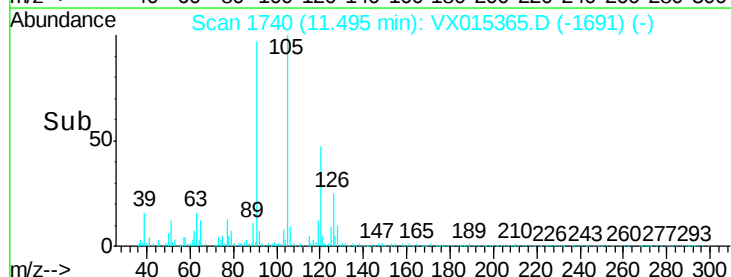
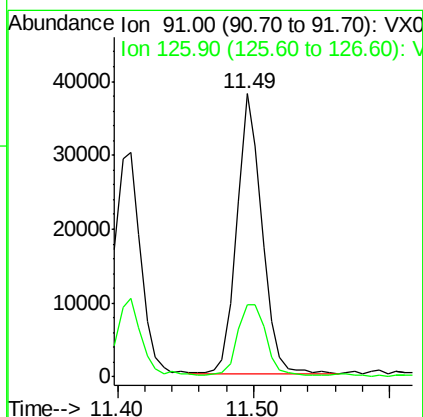
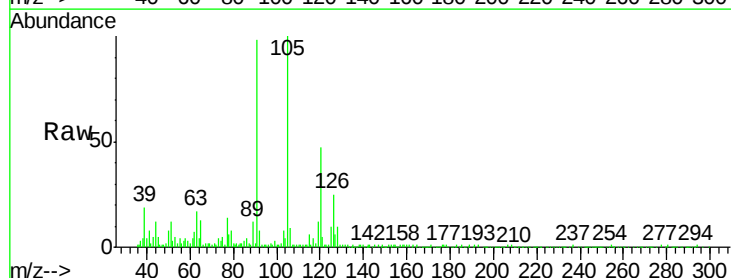
Acq: 26 Mar 2020 19:31

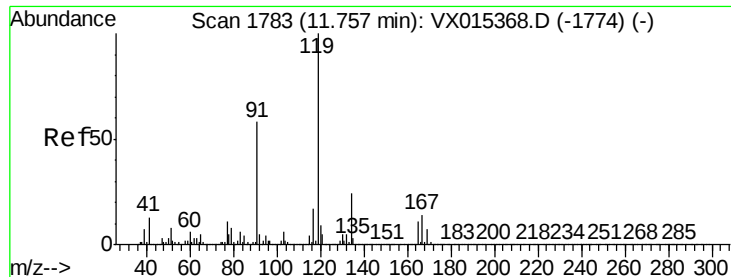
Tgt Ion: 91 Resp: 48746

Ion Ratio Lower Upper

91 100

126 29.9 14.7 44.1

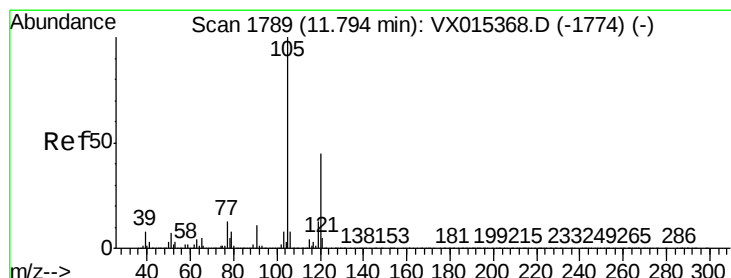
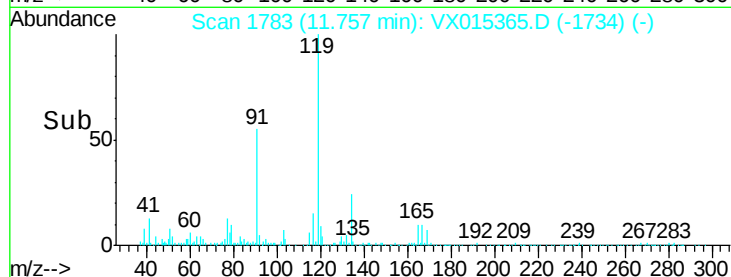
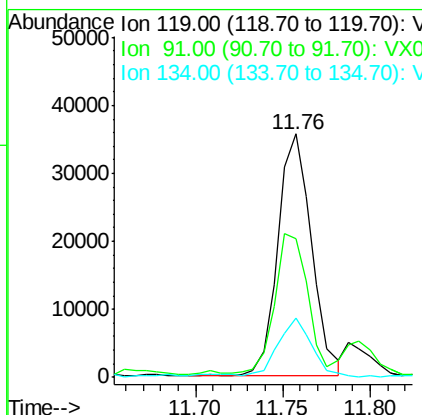
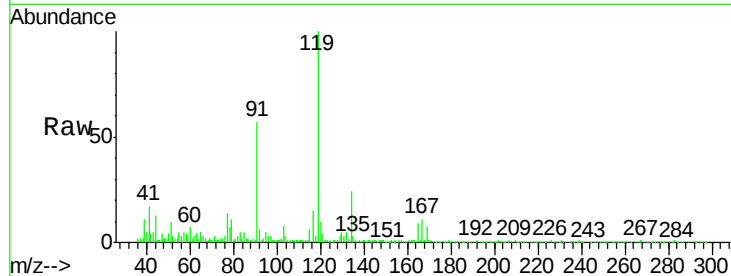




#83
 tert-Butylbenzene
 Concen: 1.04 ug/l
 RT: 11.76 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX015365.D
 Acq: 26 Mar 2020 19:31

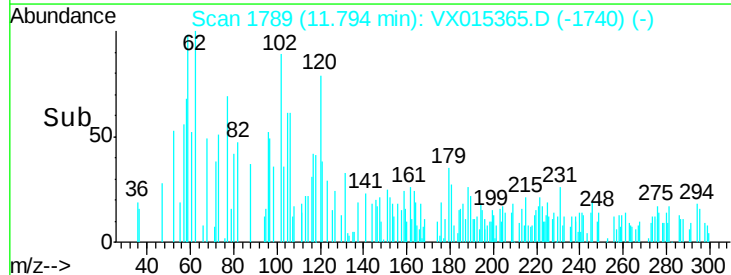
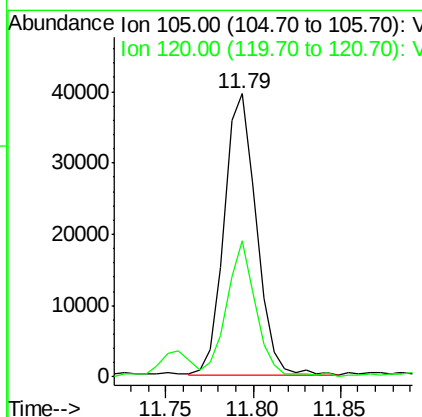
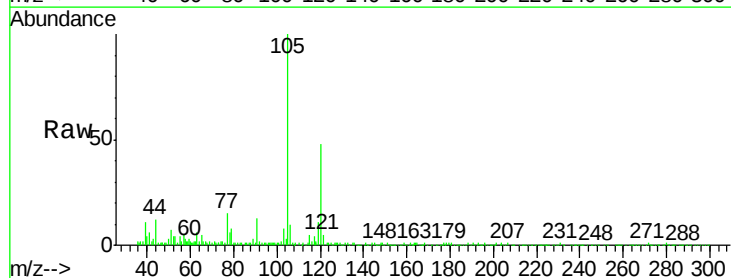
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

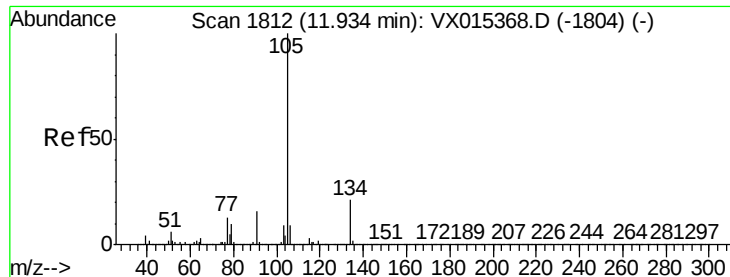
Tgt Ion:119 Resp: 48024
 Ion Ratio Lower Upper
 119 100
 91 55.6 28.6 85.8
 134 24.8 11.8 35.3



#84
 1,2,4-Trimethylbenzene
 Concen: 1.04 ug/l
 RT: 11.79 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VX015365.D
 Acq: 26 Mar 2020 19:31

Tgt Ion:105 Resp: 50200
 Ion Ratio Lower Upper
 105 100
 120 43.5 22.7 68.1

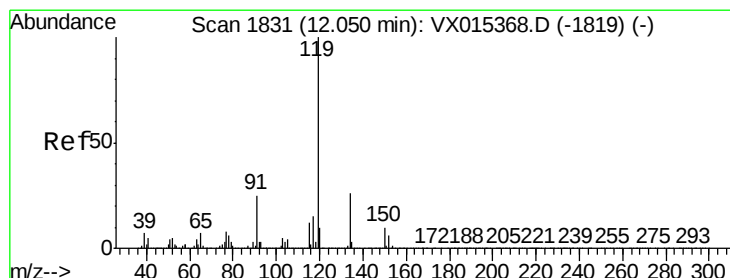
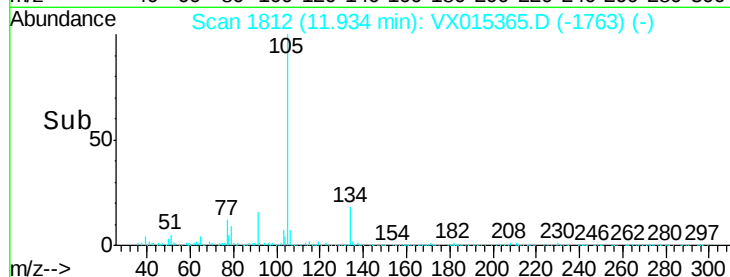
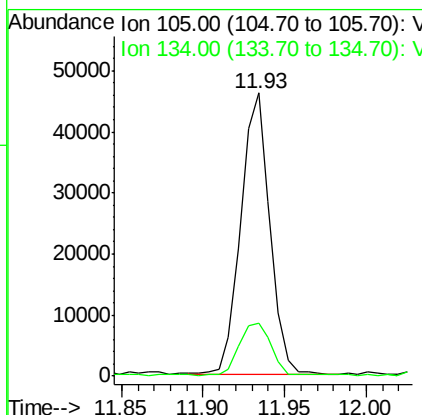
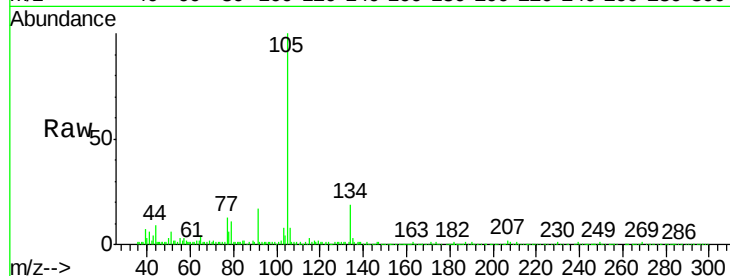




#85
 sec-Butylbenzene
 Concen: 1.07 ug/l
 RT: 11.93 min Scan# 1812
 Delta R.T. -0.00 min
 Lab File: VX015365.D
 Acq: 26 Mar 2020 19:31

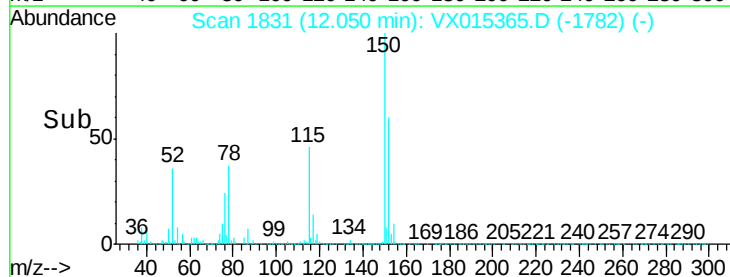
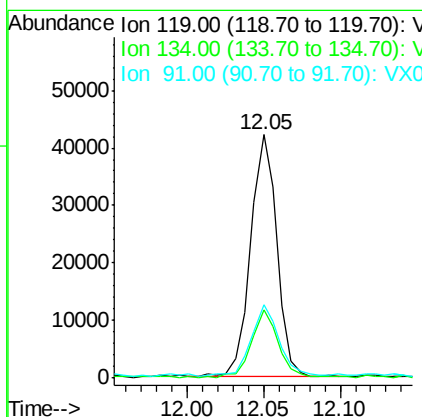
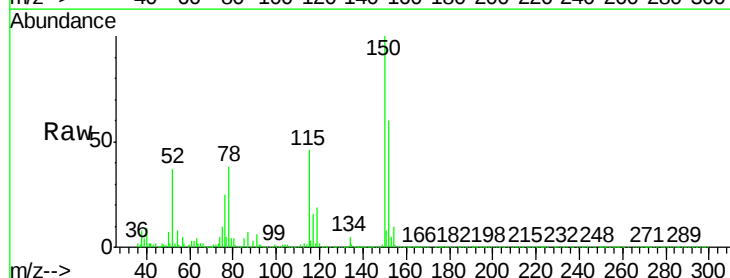
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

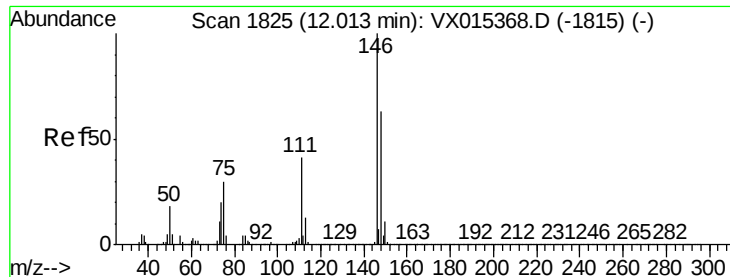
Tgt Ion:105 Resp: 57430
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 1.01 ug/l
 RT: 12.05 min Scan# 1831
 Delta R.T. -0.00 min
 Lab File: VX015365.D
 Acq: 26 Mar 2020 19:31

Tgt Ion:119 Resp: 50168
 Ion Ratio Lower Upper
 119 100
 134 29.8 13.1 39.3
 91 31.3 12.4 37.4

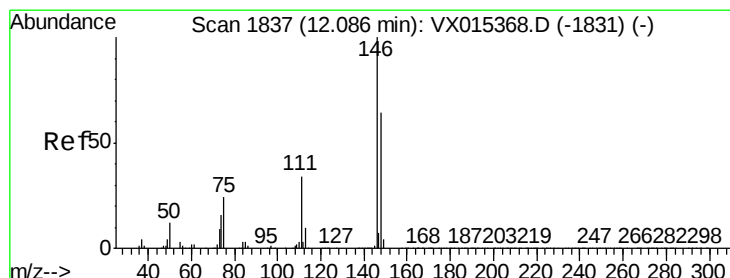
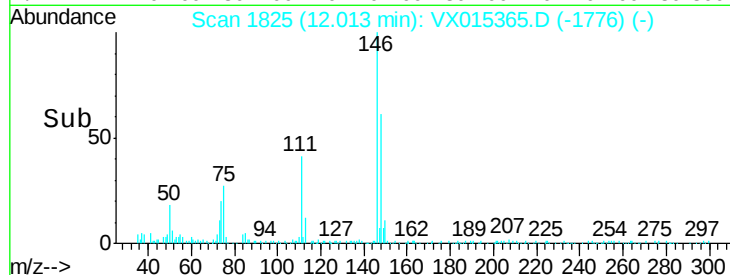
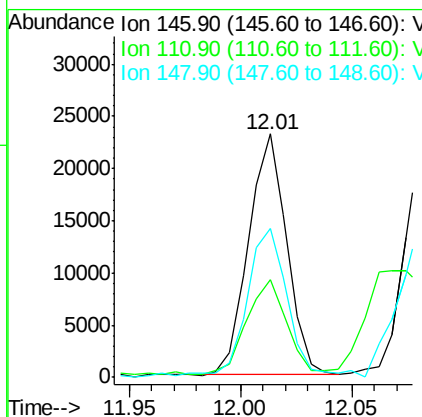
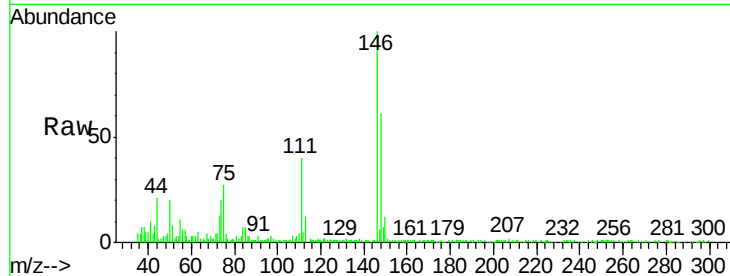




#87
 1,3-Dichlorobenzene
 Concen: 1.05 ug/l
 RT: 12.01 min Scan# 1825
 Delta R.T. -0.00 min
 Lab File: VX015365.D
 Acq: 26 Mar 2020 19:31

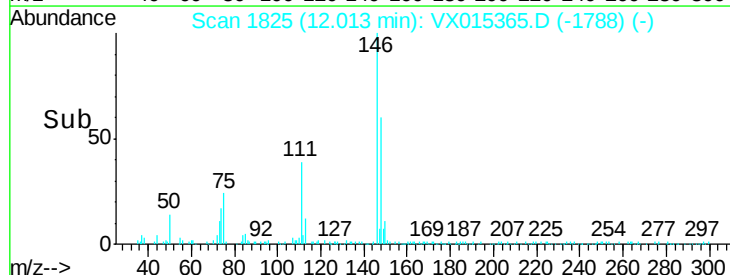
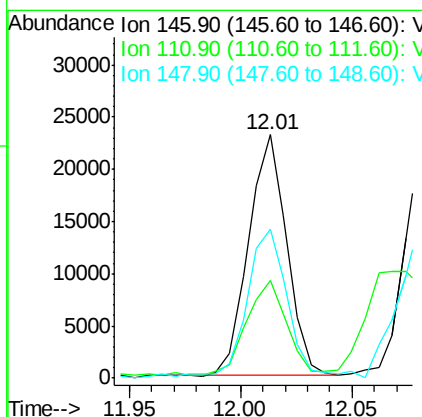
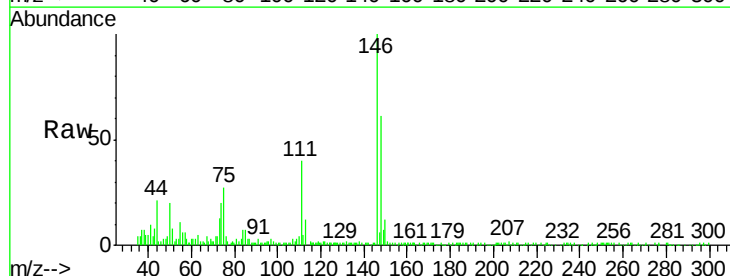
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

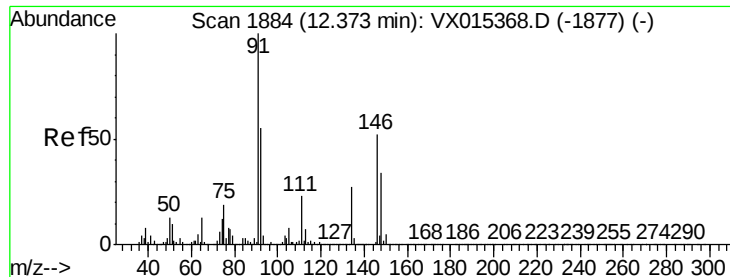
Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.8	20.3	60.9
148	65.0	31.3	93.9



#88
 1,4-Dichlorobenzene
 Concen: 1.03 ug/l
 RT: 12.01 min Scan# 1825
 Delta R.T. -0.07 min
 Lab File: VX015365.D
 Acq: 26 Mar 2020 19:31

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.8	19.1	57.5
148	65.0	32.4	97.2

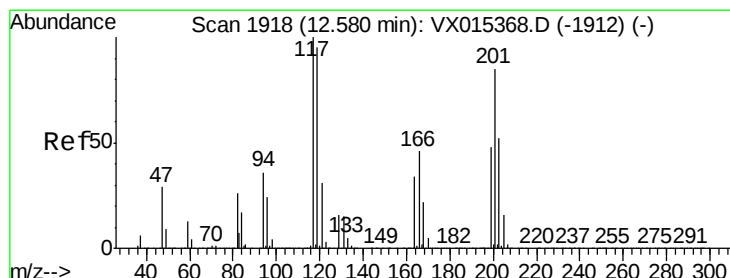
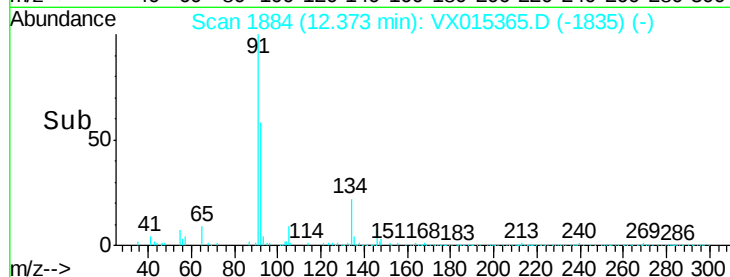
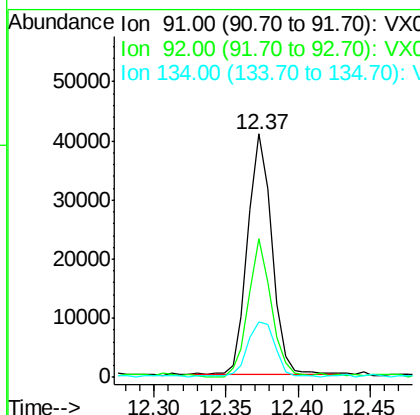
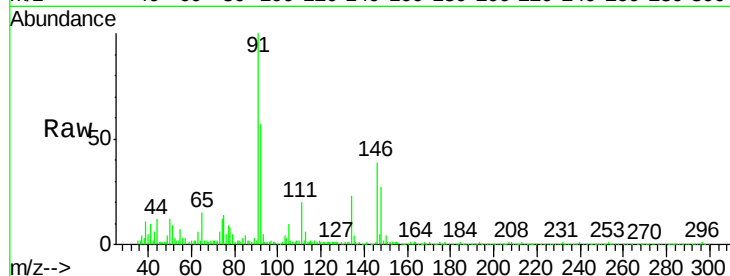




#89
n-Butylbenzene
Concen: 1.05 ug/l
RT: 12.37 min Scan# 1884
Delta R.T. -0.00 min
Lab File: VX015365.D
Acq: 26 Mar 2020 19:31

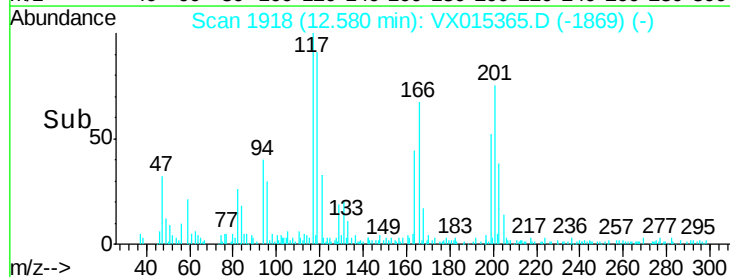
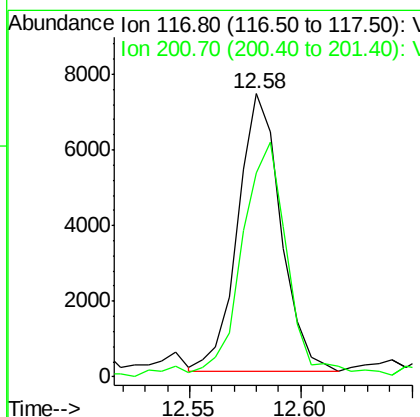
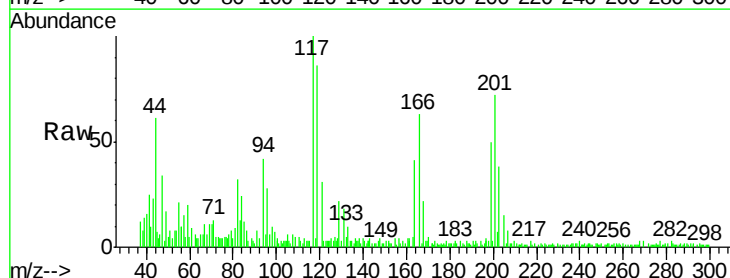
Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

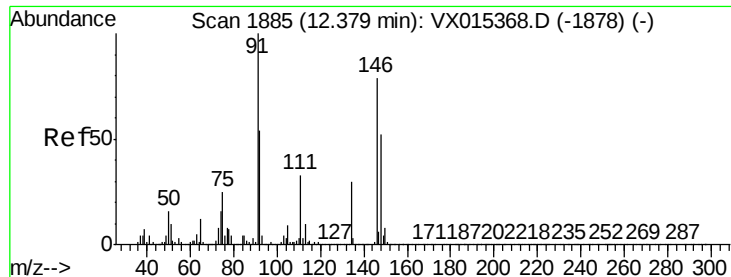
Tgt Ion: 91 Resp: 47221
Ion Ratio Lower Upper
91 100
92 55.3 27.2 81.5
134 26.9 13.4 40.2



#90
Hexachloroethane
Concen: 1.03 ug/l
RT: 12.58 min Scan# 1918
Delta R.T. -0.00 min
Lab File: VX015365.D
Acq: 26 Mar 2020 19:31

Tgt Ion: 117 Resp: 9916
Ion Ratio Lower Upper
117 100
201 92.3 42.6 128.0

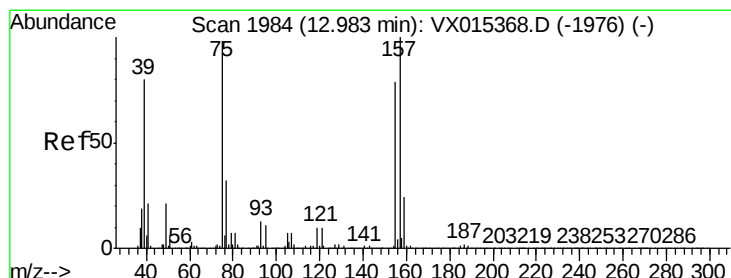
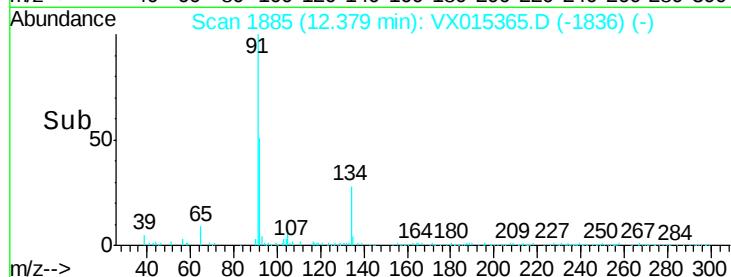
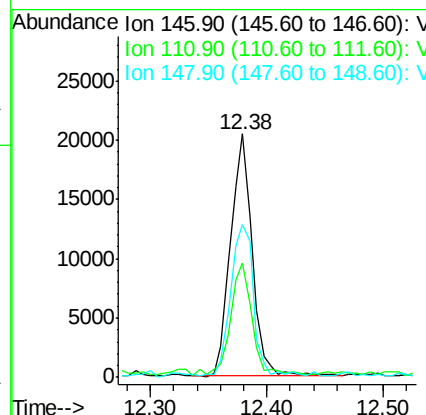
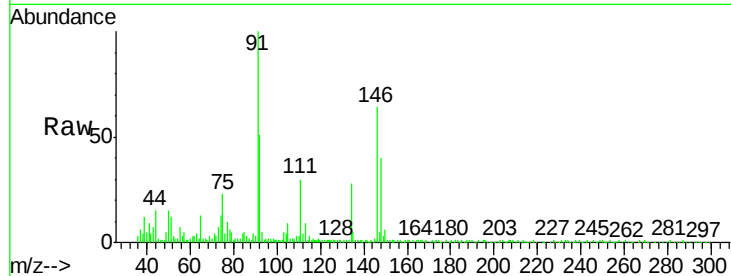




#91
 1,2-Dichlorobenzene
 Concen: 1.01 ug/l
 RT: 12.38 min Scan# 1885
 Delta R.T. -0.00 min
 Lab File: VX015365.D
 Acq: 26 Mar 2020 19:31

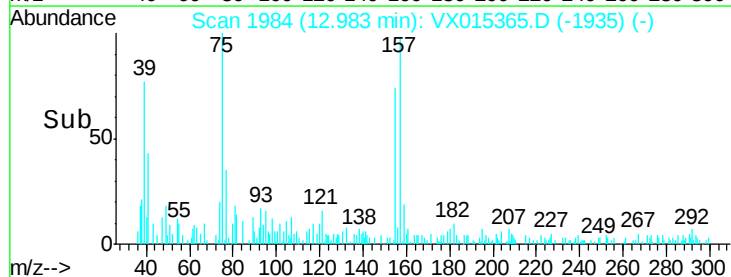
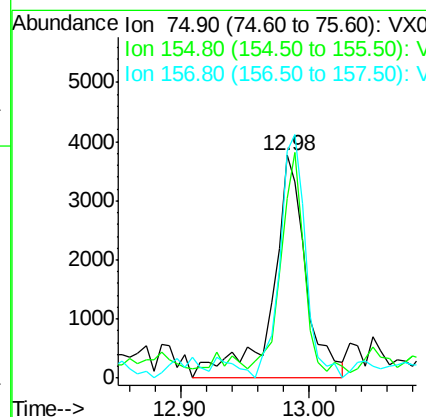
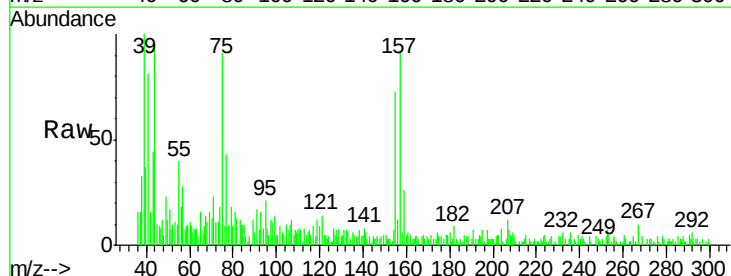
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC001

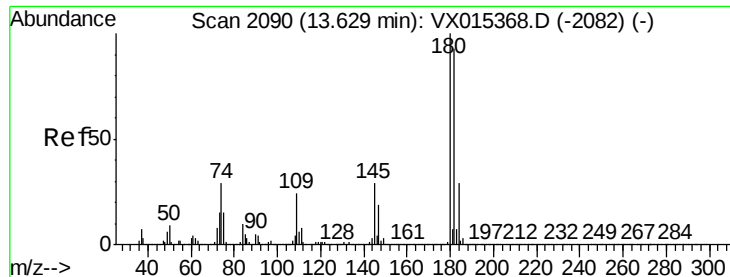
Tgt Ion: 146 Resp: 26131
 Ion Ratio Lower Upper
 146 100
 111 48.9 21.0 63.0
 148 66.9 32.4 97.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.27 ug/l
 RT: 12.98 min Scan# 1984
 Delta R.T. -0.00 min
 Lab File: VX015365.D
 Acq: 26 Mar 2020 19:31

Tgt Ion: 75 Resp: 6822
 Ion Ratio Lower Upper
 75 100
 155 68.3 42.8 128.4
 157 84.3 53.4 160.3

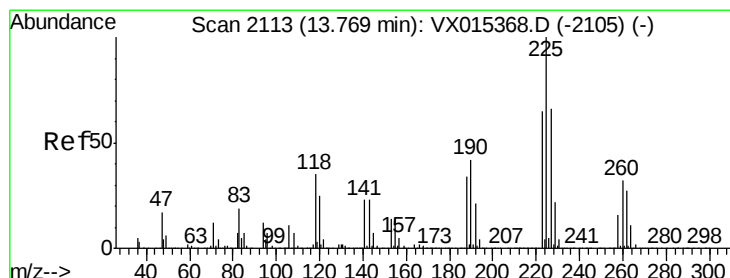
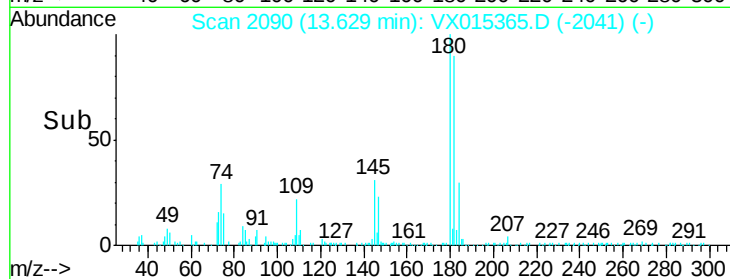
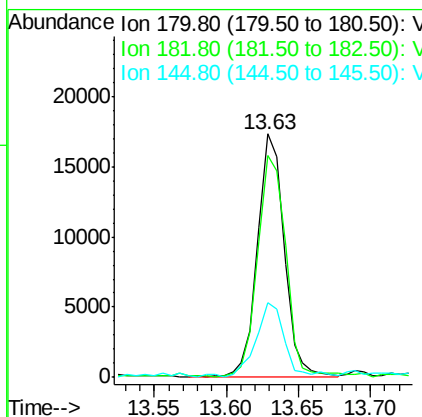
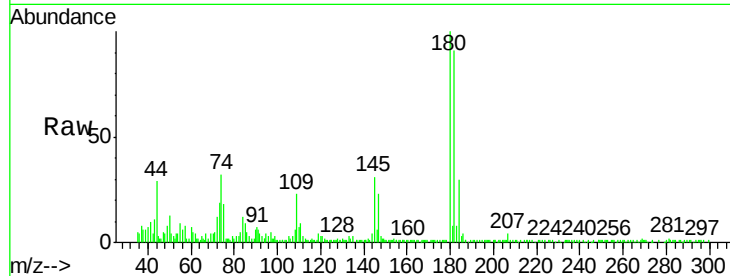




#93
 1,2,4-Trichlorobenzene
 Concen: 1.10 ug/l
 RT: 13.63 min Scan# 2090
 Delta R.T. -0.00 min
 Lab File: VX015365.D
 Acq: 26 Mar 2020 19:31

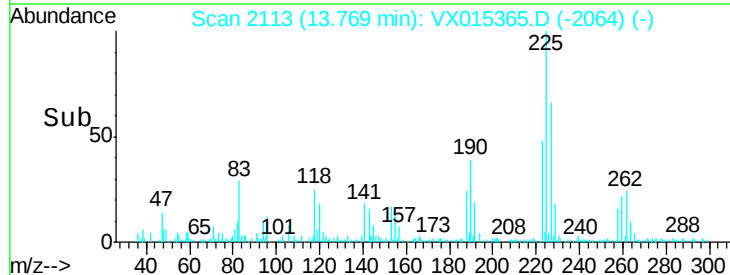
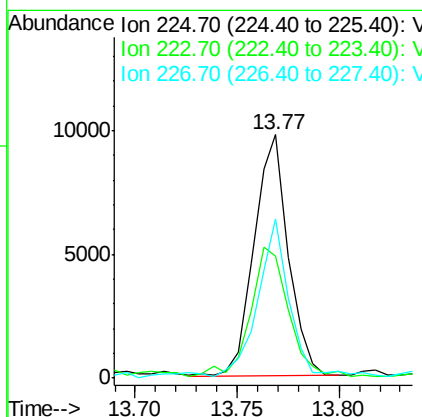
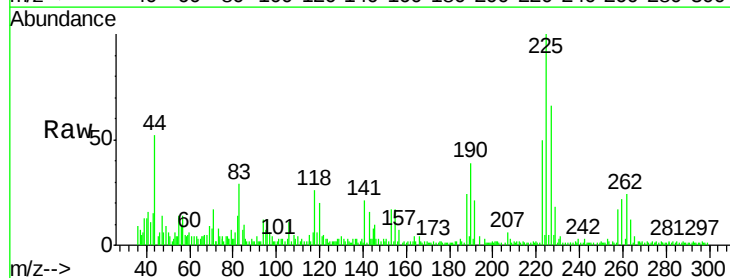
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

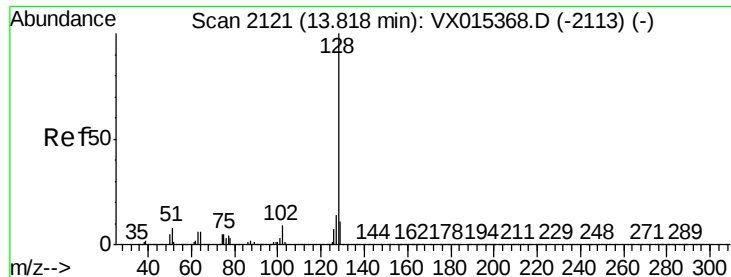
Tgt Ion:180 Resp: 22429
 Ion Ratio Lower Upper
 180 100
 182 96.8 46.9 140.7
 145 33.4 14.9 44.5



#94
 Hexachlorobutadiene
 Concen: 1.17 ug/l
 RT: 13.77 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VX015365.D
 Acq: 26 Mar 2020 19:31

Tgt Ion:225 Resp: 11429
 Ion Ratio Lower Upper
 225 100
 223 59.5 31.9 95.7
 227 60.2 30.4 91.3





#95

Naphthalene

Concen: 1.02 ug/l

RT: 13.82 min Scan# 2121

Delta R.T. -0.00 min

Lab File: VX015365.D

Acq: 26 Mar 2020 19:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

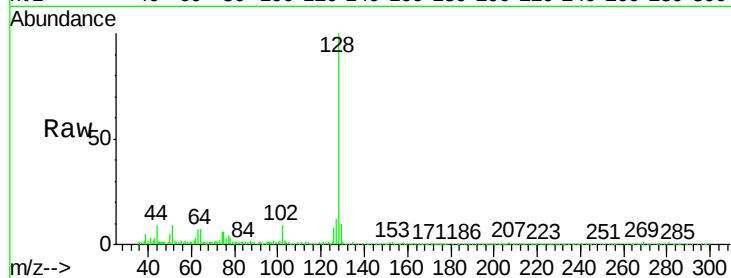
Tgt Ion:128 Resp: 63512

Ion Ratio Lower Upper

128 100

127 12.9 10.6 15.8

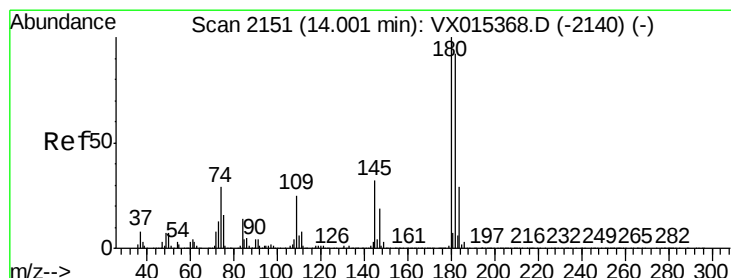
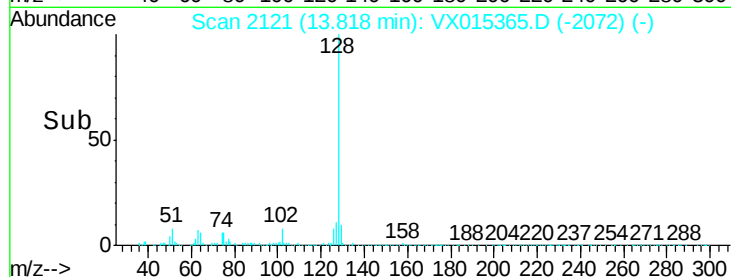
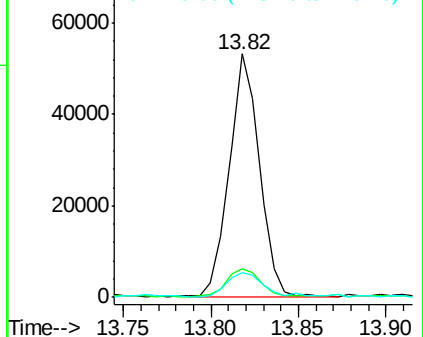
129 12.0 8.8 13.2



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: 0.98 ug/l

RT: 14.01 min Scan# 2152

Delta R.T. 0.01 min

Lab File: VX015365.D

Acq: 26 Mar 2020 19:31

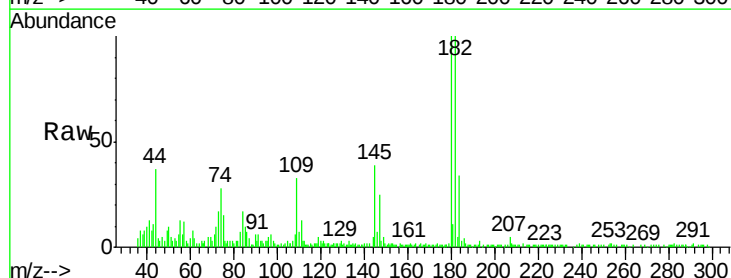
Tgt Ion:180 Resp: 19249

Ion Ratio Lower Upper

180 100

182 96.3 46.7 140.0

145 41.7 15.8 47.3



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

