

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX032720\
 Data File : VX015366.D
 Acq On : 26 Mar 2020 19:53
 Operator : JC/SP
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Quant Time: Mar 27 08:58:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 08:55:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	1147512	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1804826	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1624748	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	823599	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	80003	5.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.70%	
35) Dibromofluoromethane	5.47	113	56451	4.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.58%	
50) Toluene-d8	8.70	98	218382	5.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.20%	
62) 4-Bromofluorobenzene	11.12	95	84992	5.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.28%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	48774	4.062	ug/l	94
3) Chloromethane	1.31	50	63897	4.571	ug/l	99
4) Vinyl Chloride	1.39	62	57572	4.238	ug/l	97
5) Bromomethane	1.62	94	31763	6.052	ug/l	97
6) Chloroethane	1.70	64	37069	4.365	ug/l	99
7) Trichlorofluoromethane	1.91	101	81524	4.524	ug/l	99
8) Diethyl Ether	2.17	74	32913	4.243	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	52618	3.890	ug/l	94
10) Methyl Iodide	2.49	142	48468	3.203	ug/l	99
11) Tert butyl alcohol	3.01	59	110711	36.002	ug/l	99
12) 1,1-Dichloroethene	2.36	96	55065	3.880	ug/l	98
13) Acrolein	2.27	56	57954	21.389	ug/l	96
14) Allyl chloride	2.70	41	126482	5.565	ug/l	98
15) Acrylonitrile	3.12	53	179482	23.983	ug/l	100
16) Acetone	2.42	43	168718	26.444	ug/l	98
17) Carbon Disulfide	2.55	76	163152	4.251	ug/l	100
18) Methyl Acetate	2.75	43	87595	5.454	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	205749	4.775	ug/l	100
20) Methylene Chloride	2.84	84	63084	3.753	ug/l	94
21) trans-1,2-Dichloroethene	3.14	96	60219	3.899	ug/l	93
22) Diisopropyl ether	3.83	45	224868	5.026	ug/l	90
23) Vinyl Acetate	3.79	43	1034297	28.203	ug/l	99
24) 1,1-Dichloroethane	3.67	63	116729	4.394	ug/l	98
25) 2-Butanone	4.64	43	270645	27.801	ug/l	100
26) 2,2-Dichloropropane	4.55	77	97487	4.710	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	68727	4.027	ug/l	99
28) Bromochloromethane	4.98	49	56289	5.004	ug/l	96
29) Tetrahydrofuran	5.10	42	176614	27.970	ug/l	99
30) Chloroform	5.18	83	112381	4.198	ug/l	99
31) Cyclohexane	5.56	56	107808	5.227	ug/l	95
32) 1,1,1-Trichloroethane	5.47	97	103471	4.724	ug/l	99
36) 1,1-Dichloropropene	5.78	75	85818	5.117	ug/l	99
37) Ethyl Acetate	4.81	43	104409	6.210	ug/l	97
38) Carbon Tetrachloride	5.76	117	92707	5.748	ug/l	100

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 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Quant Time: Mar 27 08:58:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 08:55:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	100109	5.140	ug/l	98
40) Benzene	6.12	78	247191	4.807	ug/l	100
41) Methacrylonitrile	5.01	41	58977	6.467	ug/l	98
42) 1,2-Dichloroethane	6.16	62	97168	5.880	ug/l	99
43) Isopropyl Acetate	6.42	43	180234	6.920	ug/l	99
44) Trichloroethene	7.19	130	65931	4.679	ug/l	99
45) 1,2-Dichloropropane	7.50	63	65772	5.296	ug/l	98
46) Dibromomethane	7.64	93	43462	5.004	ug/l	98
47) Bromodichloromethane	7.88	83	93313	5.624	ug/l	100
48) Methyl methacrylate	7.75	41	91098	7.282	ug/l	98
49) 1,4-Dioxane	7.72	88	33050	103.819	ug/l #	83
51) 4-Methyl-2-Pentanone	8.62	43	531882	33.761	ug/l	99
52) Toluene	8.77	92	149830	4.753	ug/l	96
53) t-1,3-Dichloropropene	9.03	75	104425	5.794	ug/l	96
54) cis-1,3-Dichloropropene	8.42	75	112410	5.616	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	61192	4.536	ug/l	97
56) Ethyl methacrylate	9.16	69	101597	5.539	ug/l	95
57) 1,3-Dichloropropane	9.36	76	108910	4.864	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	276751	26.998	ug/l	98
59) 2-Hexanone	9.48	43	392600	33.388	ug/l	100
60) Dibromochloromethane	9.57	129	74145	5.469	ug/l	100
61) 1,2-Dibromoethane	9.65	107	68174	4.938	ug/l	97
64) Tetrachloroethene	9.32	164	63508	5.433	ug/l	95
65) Chlorobenzene	10.12	112	160435	4.741	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	66383	5.300	ug/l	98
67) Ethyl Benzene	10.24	91	299904	5.211	ug/l	100
68) m/p-Xylenes	10.34	106	219634	10.076	ug/l	96
69) o-Xylene	10.68	106	109124	5.150	ug/l	100
70) Styrene	10.70	104	186270	5.261	ug/l	96
71) Bromoform	10.84	173	53711	6.202	ug/l #	91
73) Isopropylbenzene	11.01	105	290598	4.841	ug/l	99
74) N-amyl acetate	10.89	43	156725	6.884	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	97593	5.084	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	113408	6.542	ug/l	86
77) Bromobenzene	11.24	156	75839	5.269	ug/l	98
78) n-propylbenzene	11.34	91	331273	4.913	ug/l	99
79) 2-Chlorotoluene	11.40	91	197653	4.815	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	247370	5.101	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.06	75	35042	5.401	ug/l	97
82) 4-Chlorotoluene	11.49	91	231551	4.968	ug/l	99
83) tert-Butylbenzene	11.76	119	237358	4.986	ug/l	96
84) 1,2,4-Trimethylbenzene	11.79	105	248647	4.961	ug/l	99
85) sec-Butylbenzene	11.93	105	278462	4.938	ug/l	99
86) p-Isopropyltoluene	12.05	119	257271	5.080	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	131600	4.878	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	131319	4.644	ug/l	92
89) n-Butylbenzene	12.37	91	228981	4.806	ug/l	98
90) Hexachloroethane	12.58	117	46767	4.702	ug/l	95
91) 1,2-Dichlorobenzene	12.38	146	129065	4.774	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	25523	5.928	ug/l	96

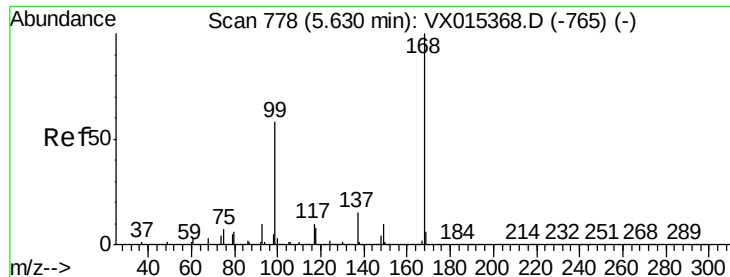
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX032720\
Data File : VX015366.D
Acq On : 26 Mar 2020 19:53
Operator : JC/SP
Sample : VSTDICC005
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Quant Time: Mar 27 08:58:45 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 27 08:55:48 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	100004	5.918	ug/l	98
94) Hexachlorobutadiene	13.77	225	47183	6.647	ug/l	98
95) Naphthalene	13.82	128	318723	5.803	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	97415	5.868	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 779

Delta R.T. 0.01 min

Lab File: VX015366.D

Acq: 26 Mar 2020 19:53

Instrument :

MSVOA_X

ClientSampleId :

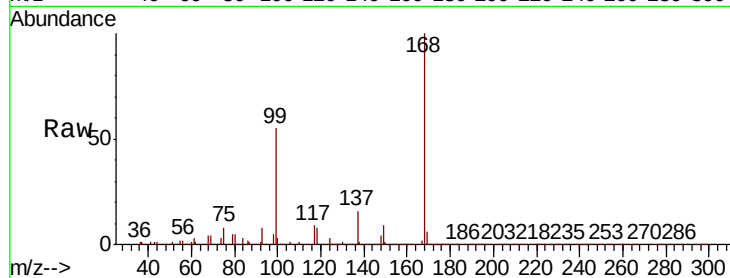
VSTDIC005

Tot Ion:168 Resp: 1147512

Ion Ratio Lower Upper

168 100

99 54.6 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

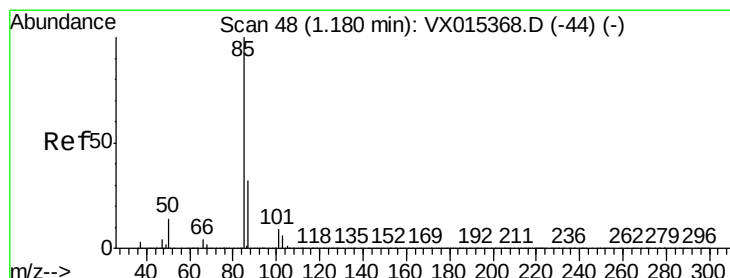
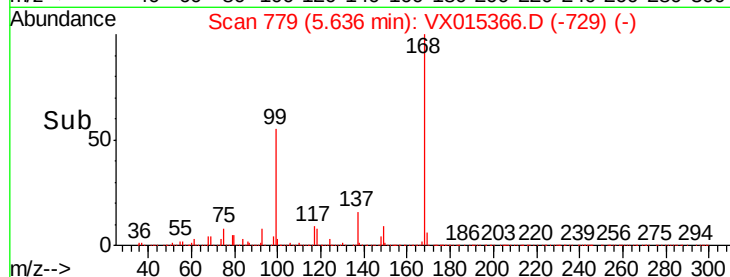
300000

200000

100000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 4.062 ug/l

RT: 1.18 min Scan# 48

Delta R.T. -0.00 min

Lab File: VX015366.D

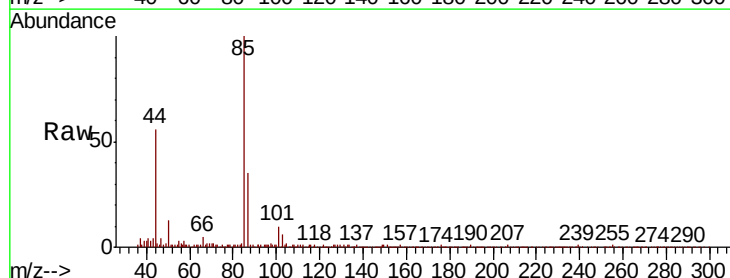
Acq: 26 Mar 2020 19:53

Tgt Ion: 85 Resp: 48774

Ion Ratio Lower Upper

85 100

87 35.4 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

60000

50000

40000

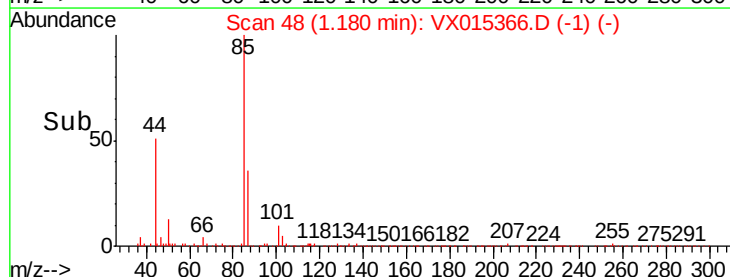
30000

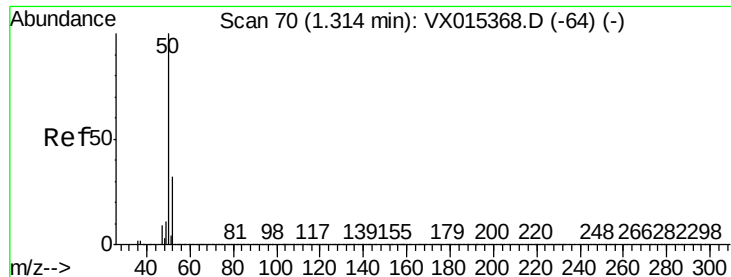
20000

10000

0

Time-->





#3

Chloromethane

Concen: 4.571 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.00 min

Lab File: VX015366.D

Acq: 26 Mar 2020 19:53

Instrument :

MSVOA_X

ClientSampleId :

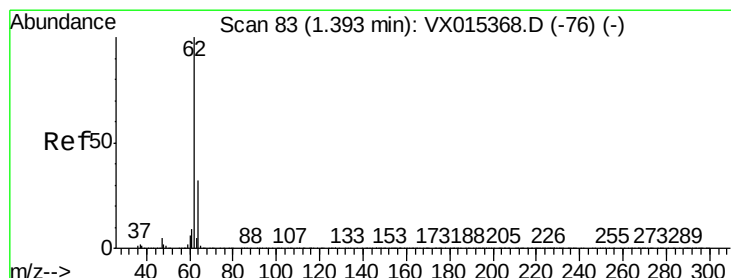
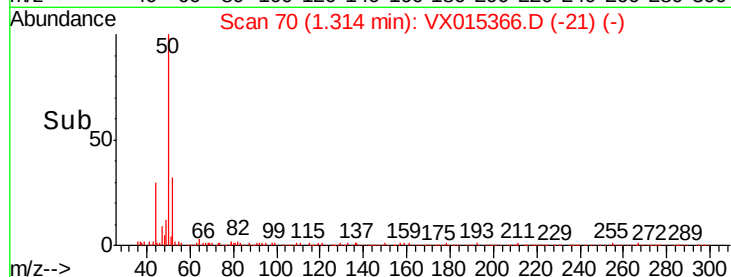
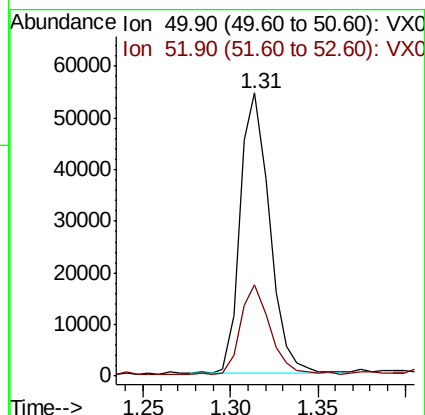
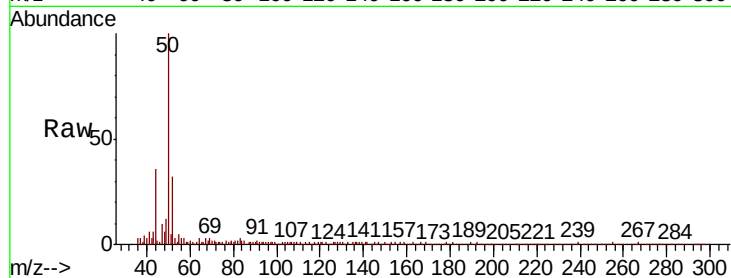
VSTDIC005

Tot Ion: 50 Resp: 63897

Ion Ratio Lower Upper

50 100

52 32.0 25.3 37.9



#4

Vinyl Chloride

Concen: 4.238 ug/l

RT: 1.39 min Scan# 83

Delta R.T. -0.00 min

Lab File: VX015366.D

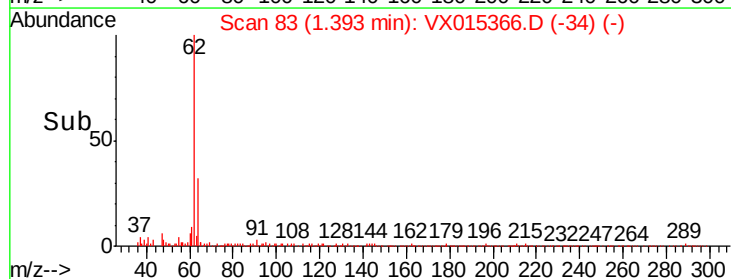
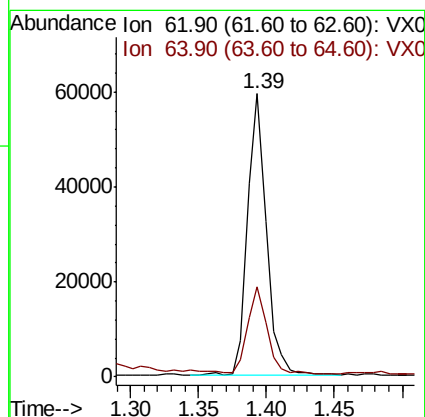
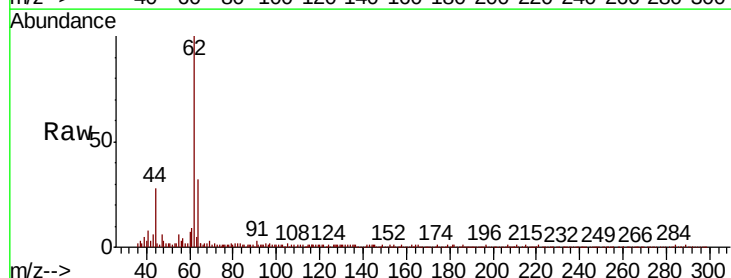
Acq: 26 Mar 2020 19:53

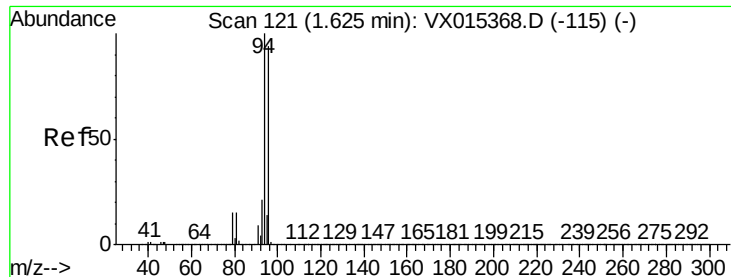
Tgt Ion: 62 Resp: 57572

Ion Ratio Lower Upper

62 100

64 30.8 26.0 39.0





#5

Bromomethane

Concen: 6.052 ug/l

RT: 1.62 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX015366.D

Acq: 26 Mar 2020 19:53

Instrument :

MSVOA_X

ClientSampleId :

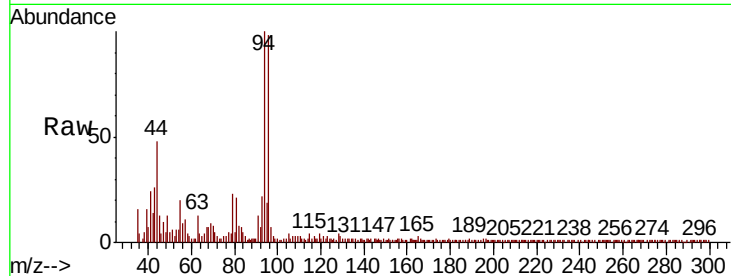
VSTDIC005

Tot Ion: 94 Resp: 31763

Ion Ratio Lower Upper

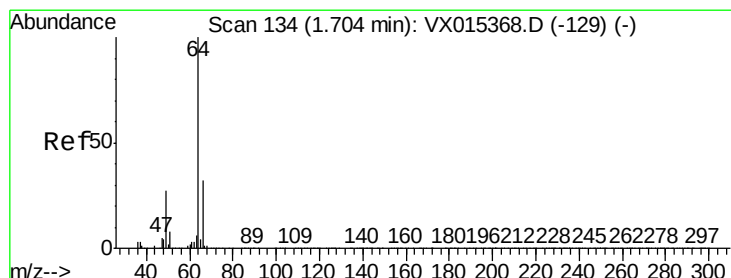
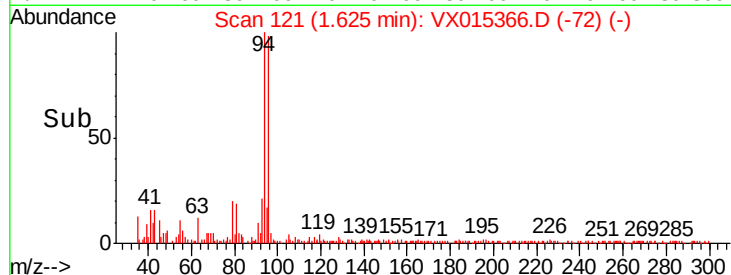
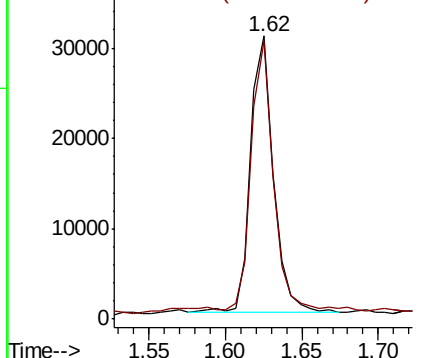
94 100

96 96.7 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: 4.365 ug/l

RT: 1.70 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX015366.D

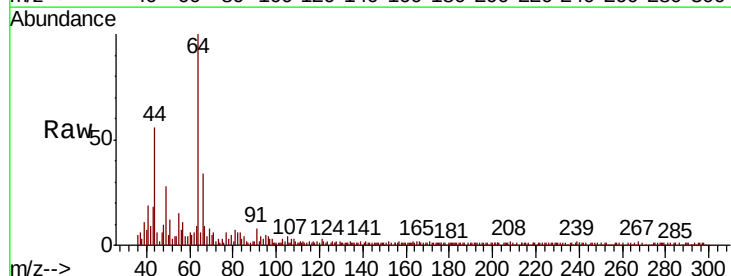
Acq: 26 Mar 2020 19:53

Tgt Ion: 64 Resp: 37069

Ion Ratio Lower Upper

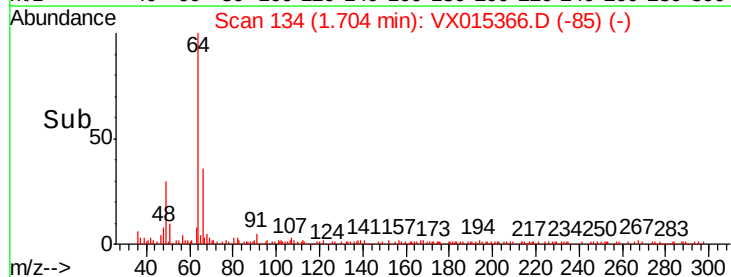
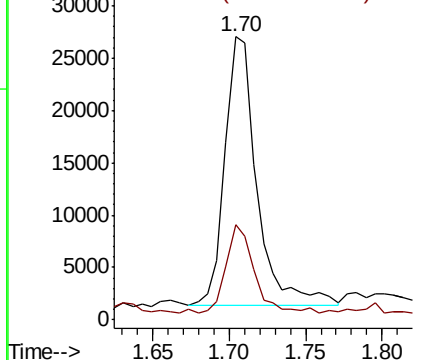
64 100

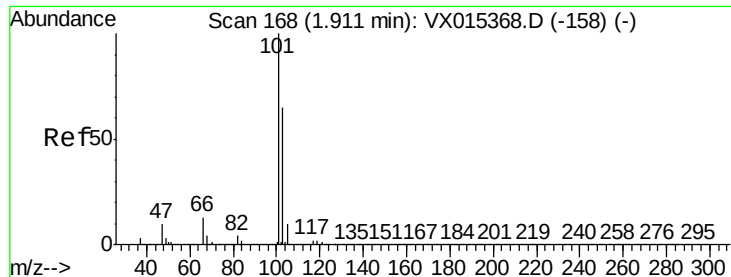
66 32.6 25.4 38.2



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



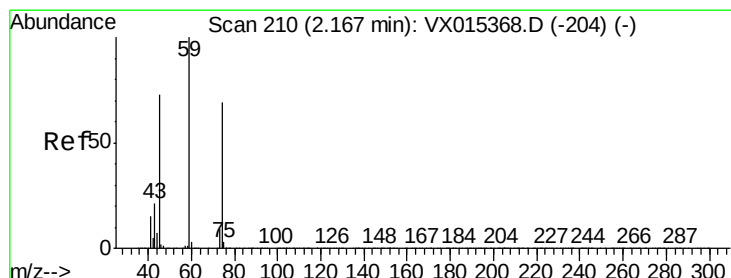
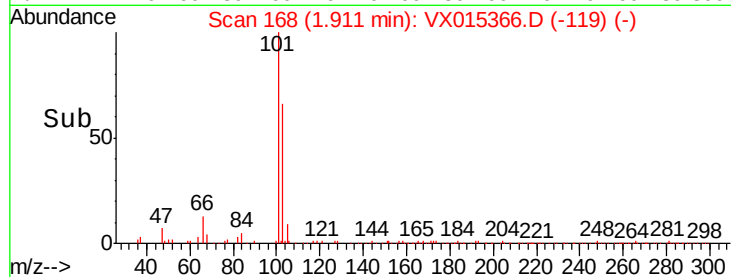
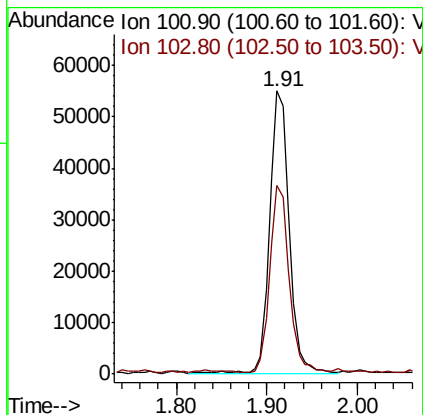
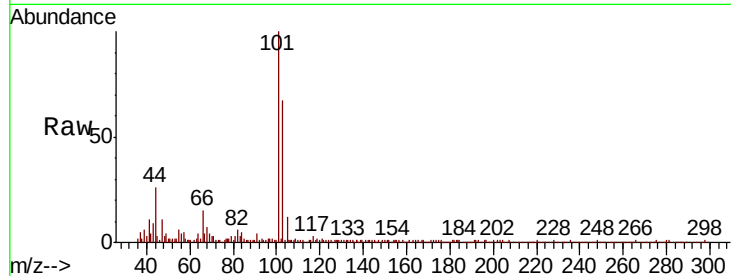


#7

Trichlorofluoromethane
 Concen: 4.524 ug/l
 RT: 1.91 min Scan# 168
 Delta R.T. -0.00 min
 Lab File: VX015366.D
 Acq: 26 Mar 2020 19:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

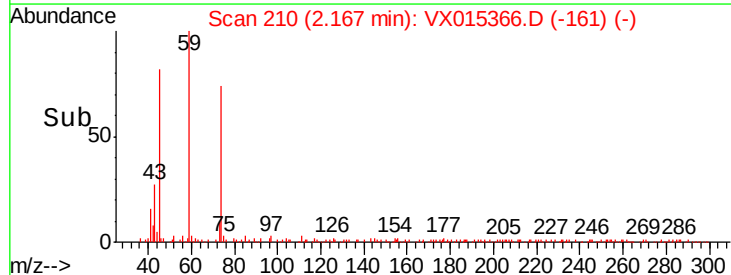
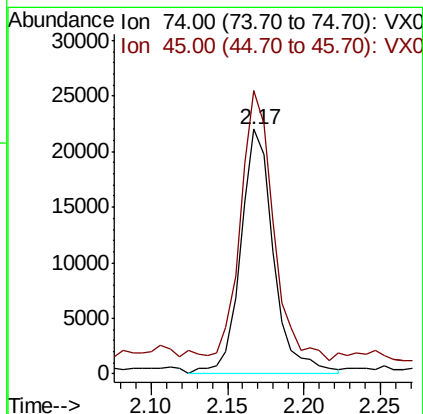
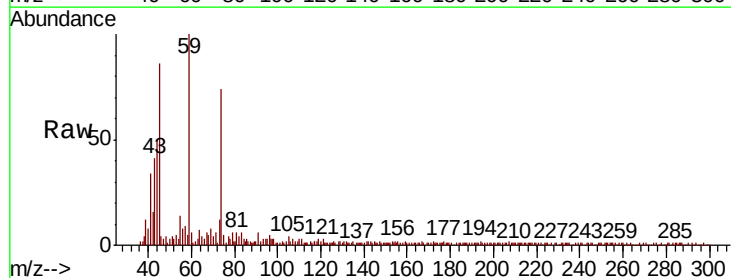
Tot Ion:101 Resp: 81524
 Ion Ratio Lower Upper
 101 100
 103 66.0 52.3 78.5

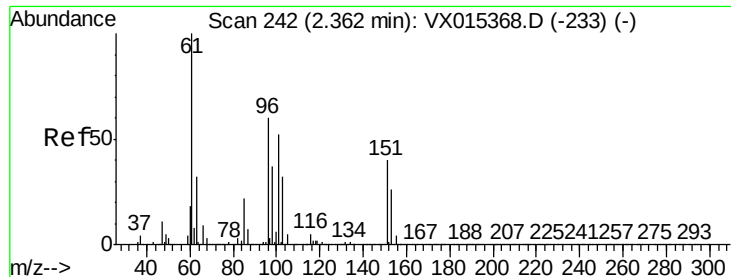


#8

Diethyl Ether
 Concen: 4.243 ug/l
 RT: 2.17 min Scan# 210
 Delta R.T. -0.00 min
 Lab File: VX015366.D
 Acq: 26 Mar 2020 19:53

Tgt Ion: 74 Resp: 32913
 Ion Ratio Lower Upper
 74 100
 45 109.2 53.8 161.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 3.890 ug/l

RT: 2.36 min Scan# 242

Delta R.T. -0.00 min

Lab File: VX015366.D

Acq: 26 Mar 2020 19:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

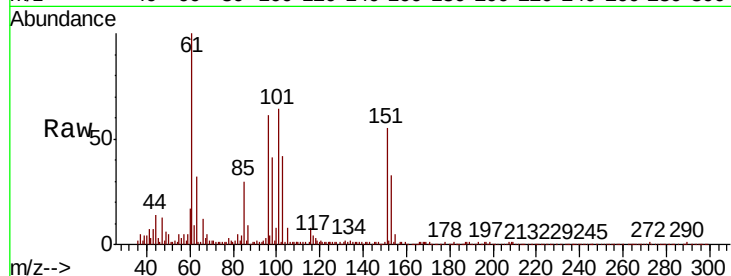
Tot Ion:101 Resp: 52618

Ion Ratio Lower Upper

101 100

85 40.4 35.0 52.4

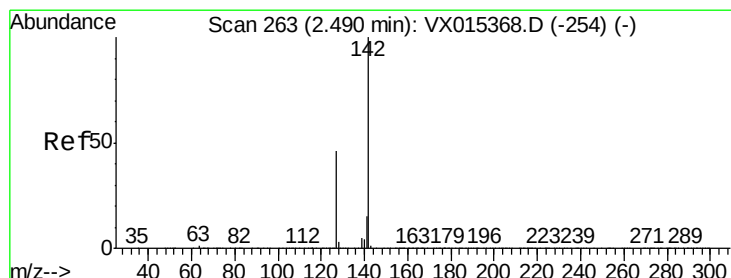
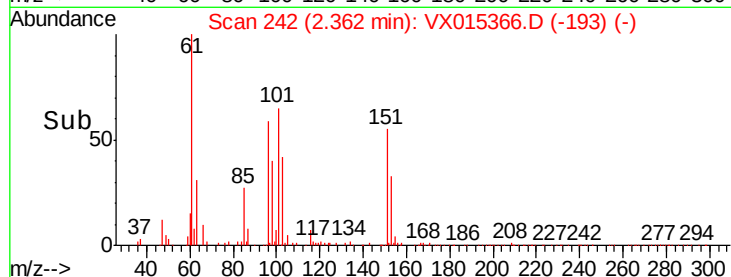
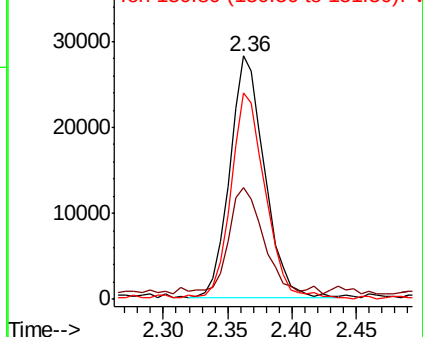
151 85.6 64.1 96.1



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: 3.203 ug/l

RT: 2.49 min Scan# 263

Delta R.T. -0.00 min

Lab File: VX015366.D

Acq: 26 Mar 2020 19:53

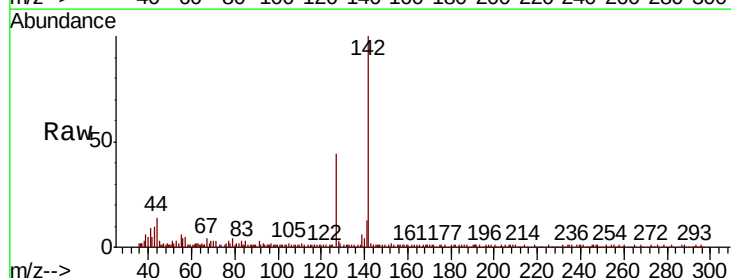
Tgt Ion:142 Resp: 48468

Ion Ratio Lower Upper

142 100

127 44.8 35.9 53.9

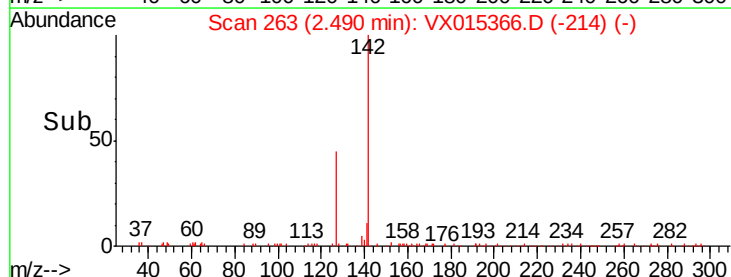
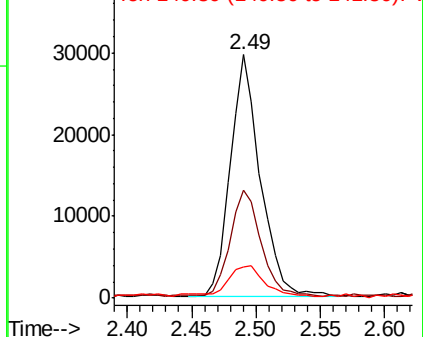
141 15.8 11.6 17.4

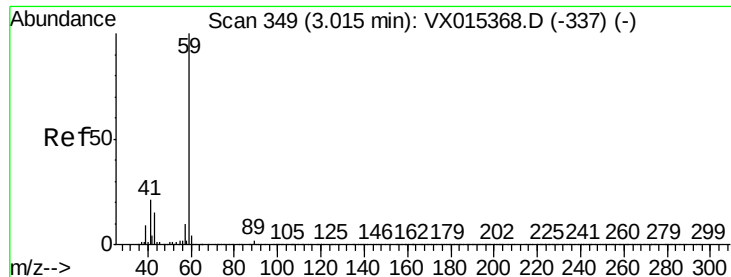


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

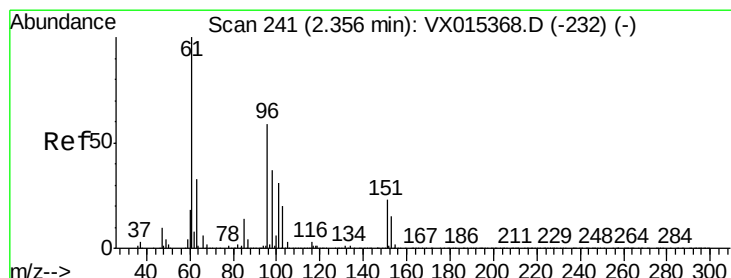
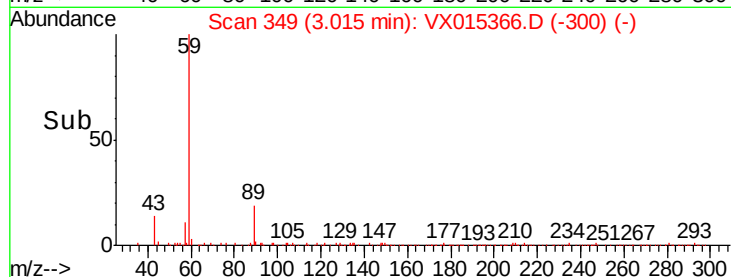
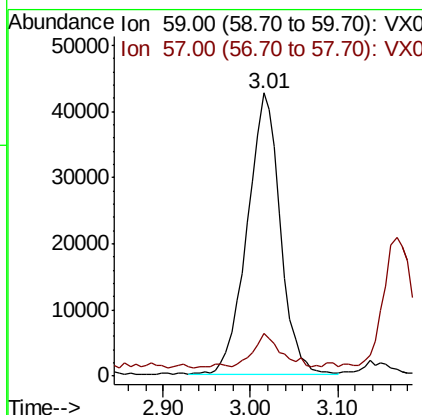
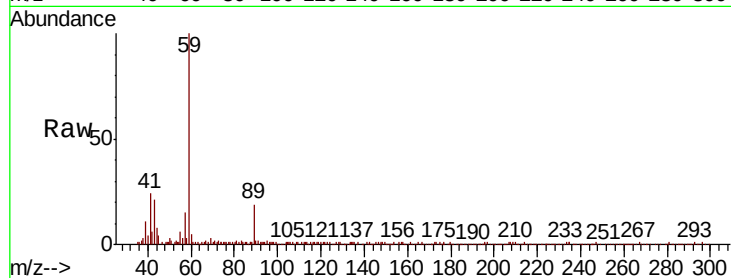




#11
Tert butyl alcohol
Concen: 36.002 ug/l
RT: 3.01 min Scan# 349
Delta R.T. -0.00 min
Lab File: VX015366.D
Acq: 26 Mar 2020 19:53

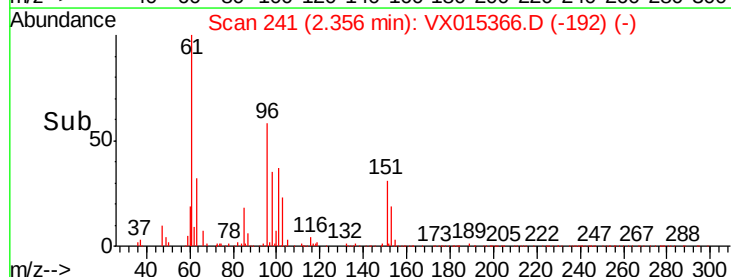
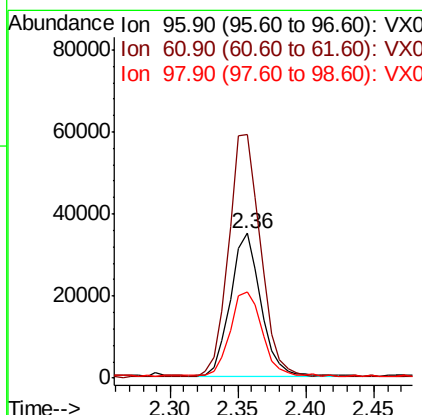
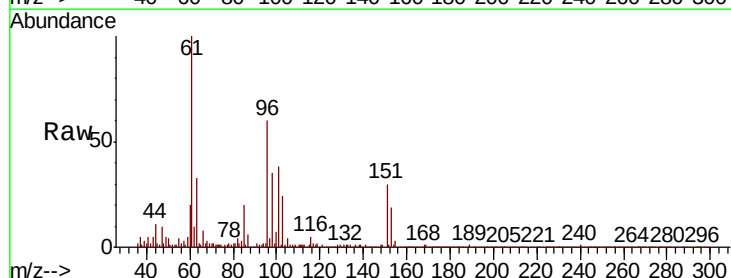
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

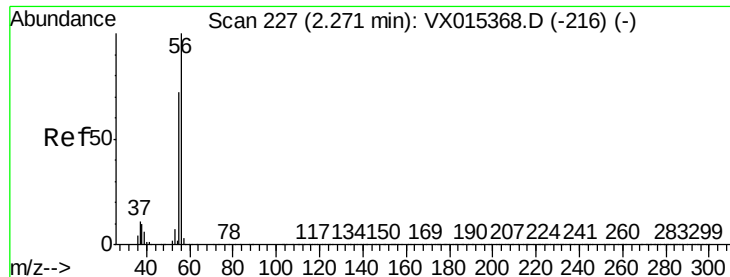
Tot Ion: 59 Resp: 110711
Ion Ratio Lower Upper
59 100
57 9.8 8.1 12.1



#12
1,1-Dichloroethene
Concen: 3.880 ug/l
RT: 2.36 min Scan# 241
Delta R.T. -0.00 min
Lab File: VX015366.D
Acq: 26 Mar 2020 19:53

Tgt Ion: 96 Resp: 55065
Ion Ratio Lower Upper
96 100
61 168.6 135.7 203.5
98 58.3 50.6 75.8





#13

Acrolein

Concen: 21.389 ug/l

RT: 2.27 min Scan# 227

Delta R.T. -0.00 min

Lab File: VX015366.D

Acq: 26 Mar 2020 19:53

Instrument :

MSVOA_X

ClientSampleId :

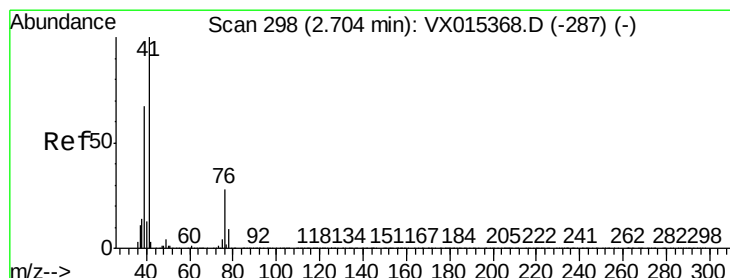
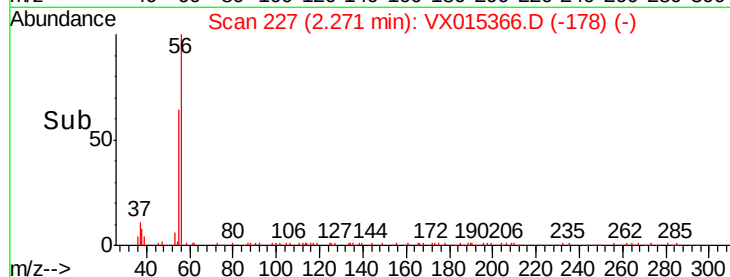
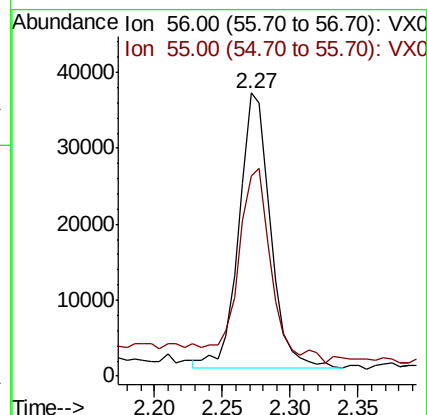
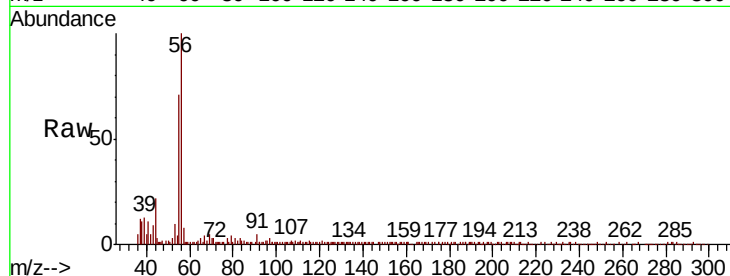
VSTDIC005

Tot Ion: 56 Resp: 57954

Ion Ratio Lower Upper

56 100

55 74.6 57.0 85.4



#14

Allyl chloride

Concen: 5.565 ug/l

RT: 2.70 min Scan# 298

Delta R.T. -0.00 min

Lab File: VX015366.D

Acq: 26 Mar 2020 19:53

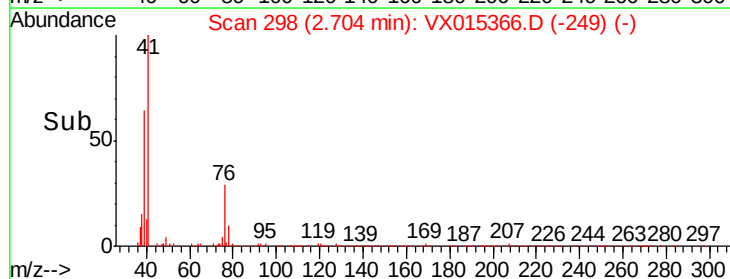
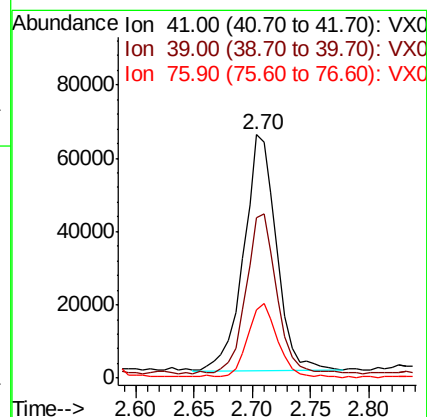
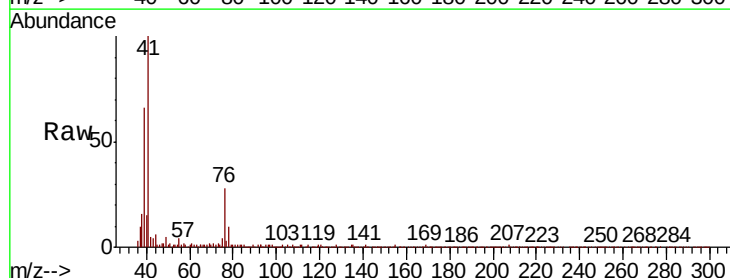
Tgt Ion: 41 Resp: 126482

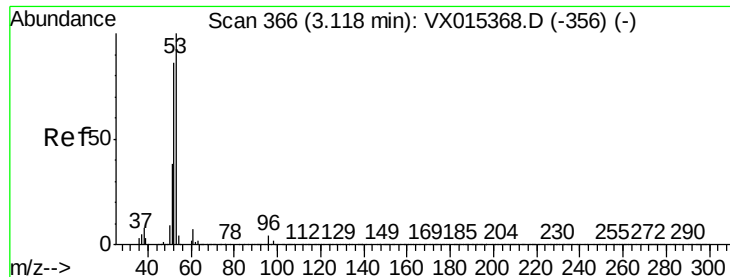
Ion Ratio Lower Upper

41 100

39 63.1 51.4 77.0

76 28.5 21.8 32.8





#15

Acrylonitrile

Concen: 23.983 ug/l

RT: 3.12 min Scan# 366

Delta R.T. -0.00 min

Lab File: VX015366.D

Acq: 26 Mar 2020 19:53

Instrument :

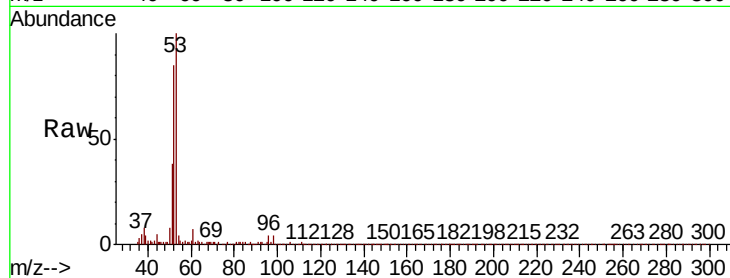
MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 53 Resp: 179482

Ion	Ratio	Lower	Upper
53	100		
52	83.5	66.8	100.2
51	37.2	29.5	44.3

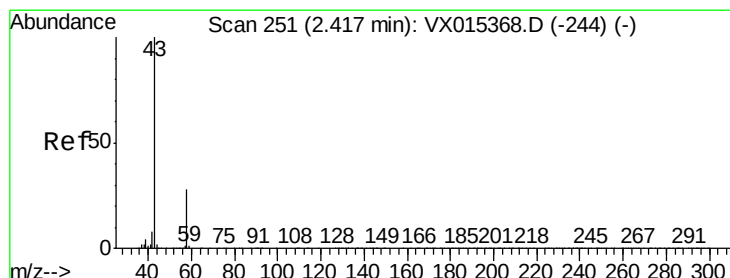
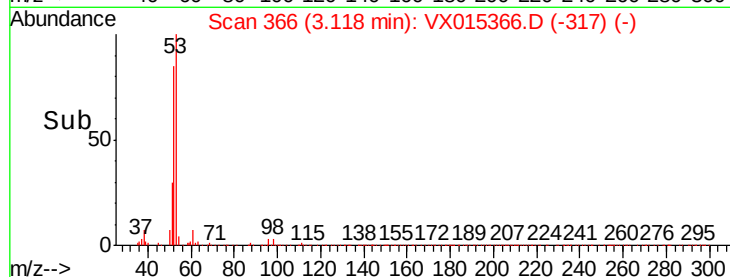
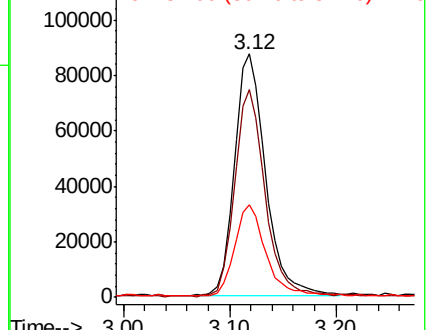


Abundance

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: 26.444 ug/l

RT: 2.42 min Scan# 252

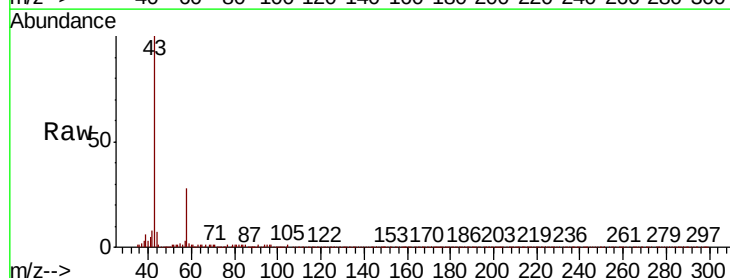
Delta R.T. 0.01 min

Lab File: VX015366.D

Acq: 26 Mar 2020 19:53

Tgt Ion: 43 Resp: 168718

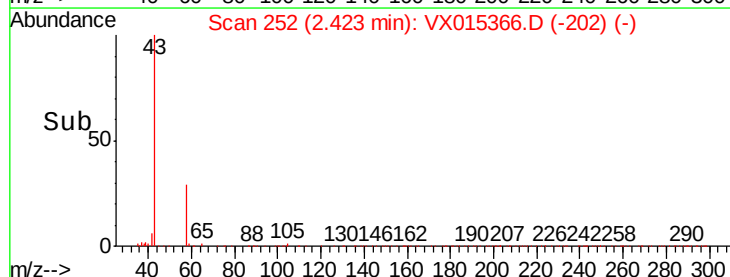
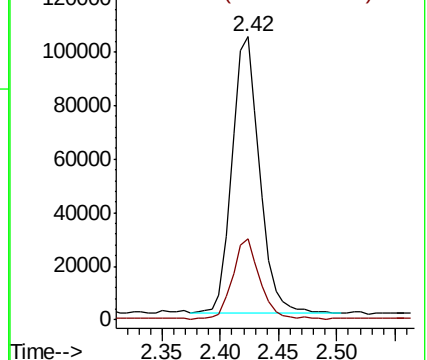
Ion	Ratio	Lower	Upper
43	100		
58	28.8	22.1	33.1

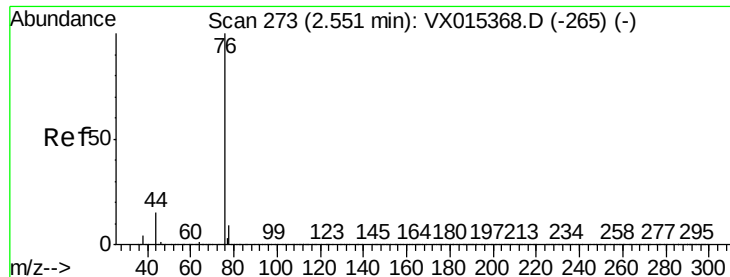


Abundance

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 4.251 ug/l

RT: 2.55 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX015366.D

Acq: 26 Mar 2020 19:53

Instrument :

MSVOA_X

ClientSampleId :

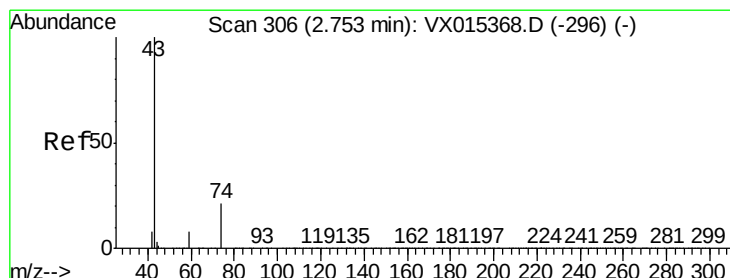
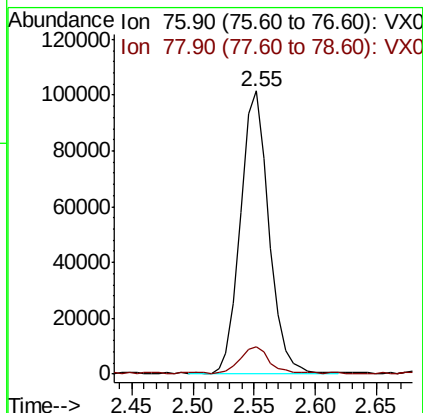
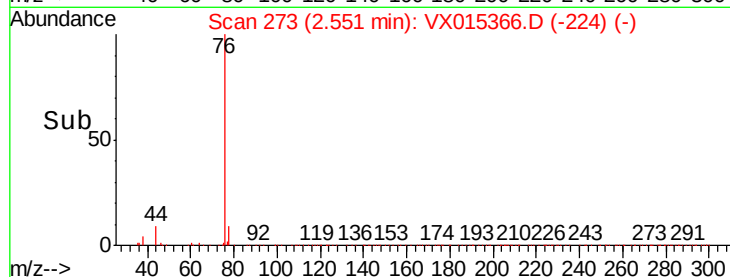
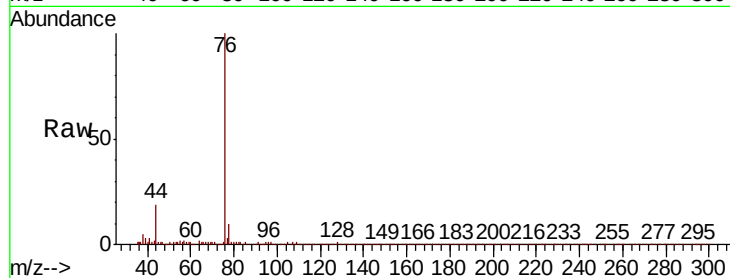
VSTDIC005

Tot Ion: 76 Resp: 163152

Ion Ratio Lower Upper

76 100

78 9.0 7.1 10.7



#18

Methyl Acetate

Concen: 5.454 ug/l

RT: 2.75 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX015366.D

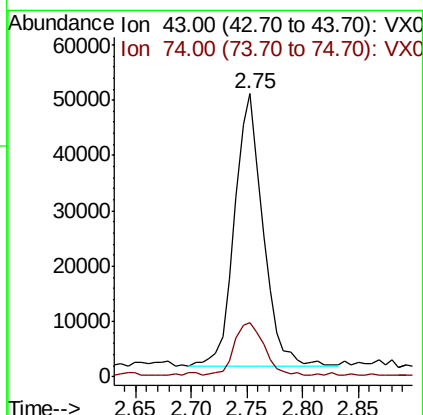
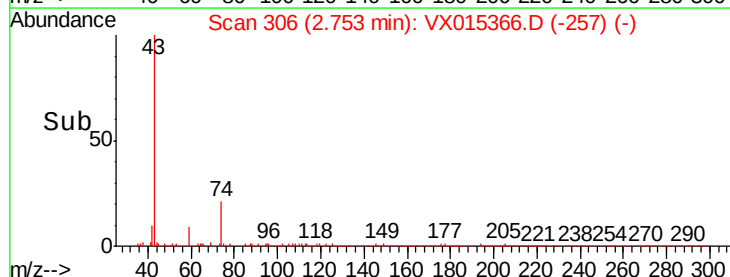
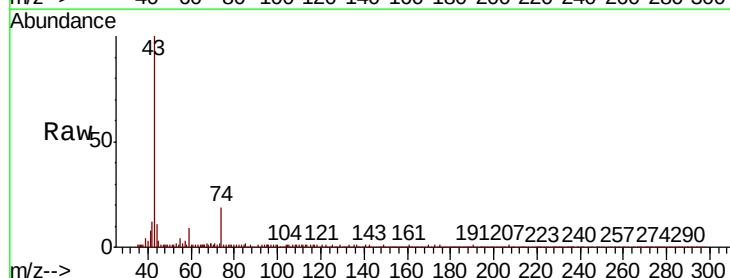
Acq: 26 Mar 2020 19:53

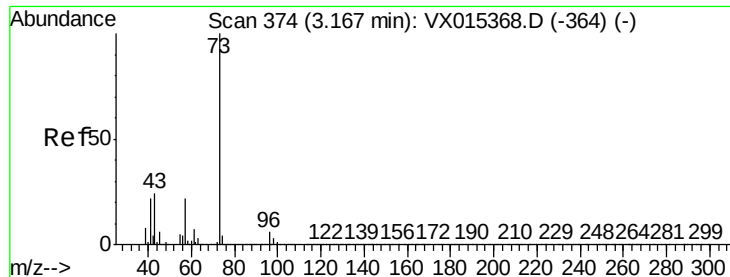
Tgt Ion: 43 Resp: 87595

Ion Ratio Lower Upper

43 100

74 20.6 16.5 24.7





#19

Methyl tert-butyl Ether

Concen: 4.775 ug/l

RT: 3.17 min Scan# 374

Delta R.T. -0.00 min

Lab File: VX015366.D

Acq: 26 Mar 2020 19:53

Instrument :

MSVOA_X

ClientSampleId :

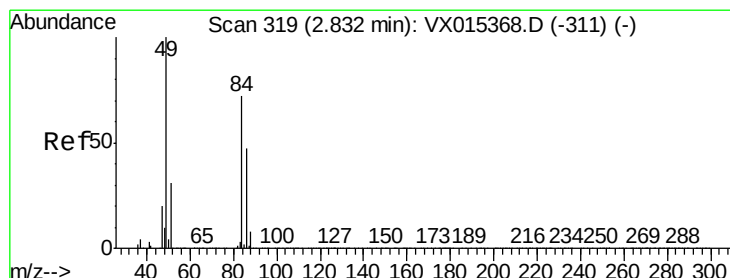
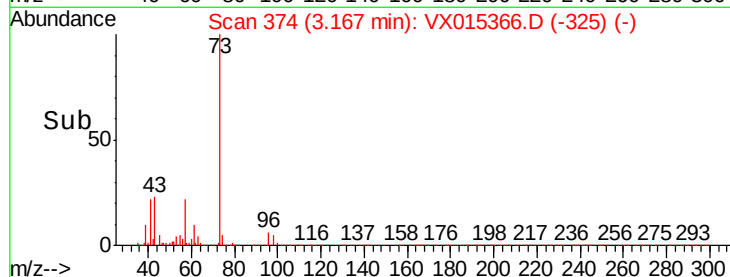
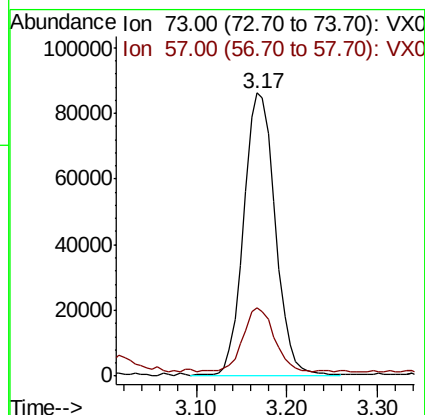
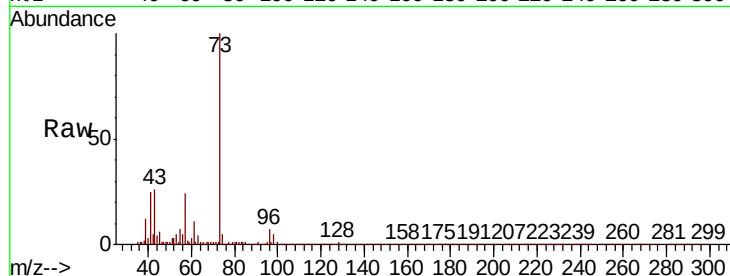
VSTDIC005

Tot Ion: 73 Resp: 205749

Ion Ratio Lower Upper

73 100

57 22.3 17.9 26.9



#20

Methylene Chloride

Concen: 3.753 ug/l

RT: 2.84 min Scan# 320

Delta R.T. 0.01 min

Lab File: VX015366.D

Acq: 26 Mar 2020 19:53

Tgt Ion: 84 Resp: 63084

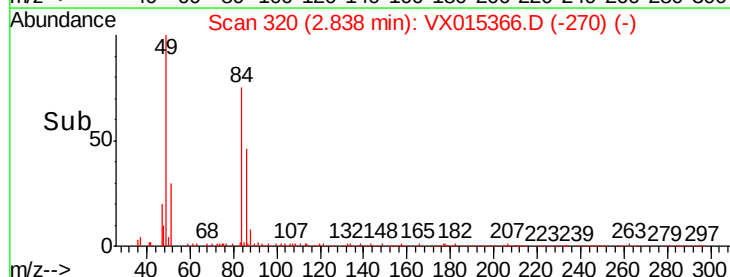
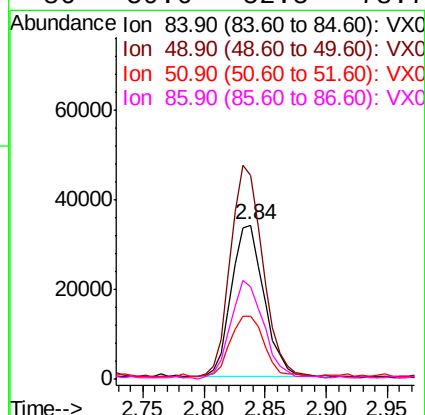
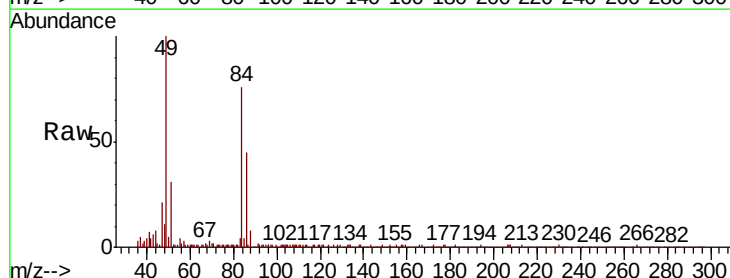
Ion Ratio Lower Upper

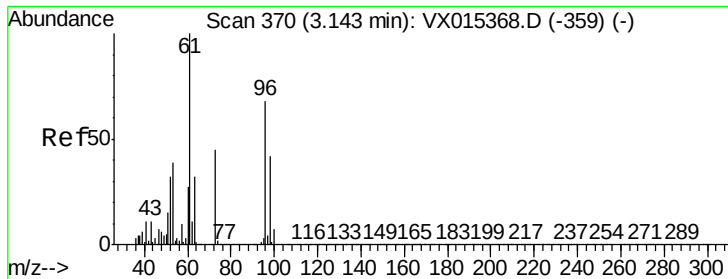
84 100

49 132.5 111.3 166.9

51 38.5 34.0 51.0

86 59.6 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 3.899 ug/l

RT: 3.14 min Scan# 370

Delta R.T. -0.00 min

Lab File: VX015366.D

Acq: 26 Mar 2020 19:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

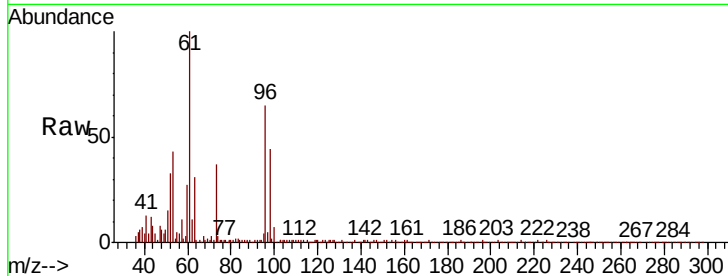
Tot Ion: 96 Resp: 60219

Ion Ratio Lower Upper

96 100

61 154.8 116.9 175.3

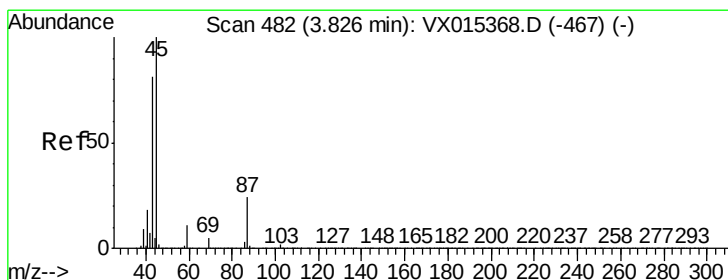
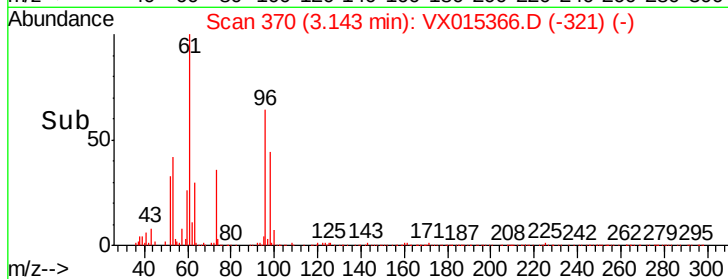
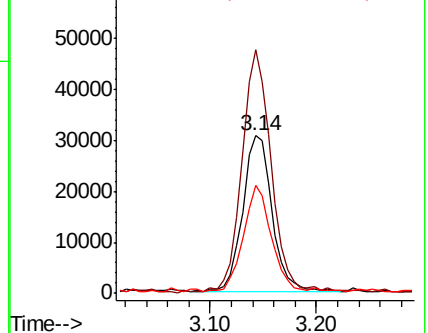
98 66.8 48.6 73.0



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 5.026 ug/l

RT: 3.83 min Scan# 483

Delta R.T. 0.01 min

Lab File: VX015366.D

Acq: 26 Mar 2020 19:53

Tgt Ion: 45 Resp: 224868

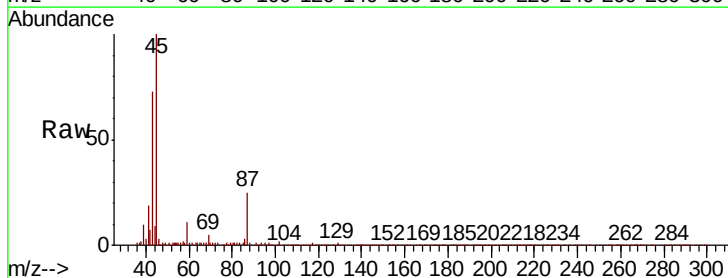
Ion Ratio Lower Upper

45 100

43 69.2 64.7 97.1

87 25.0 19.4 29.0

59 10.2 8.7 13.1

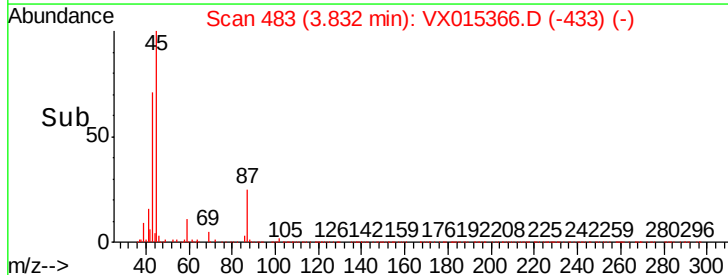
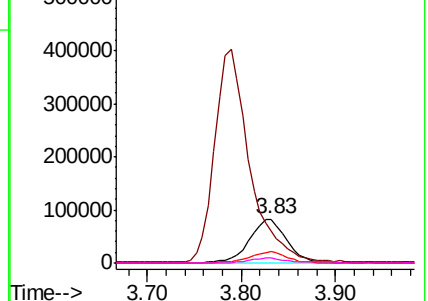


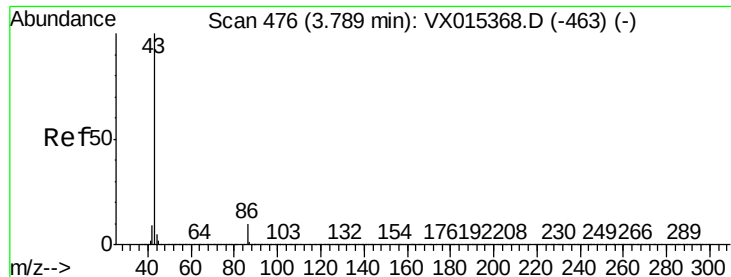
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 28.203 ug/l

RT: 3.79 min Scan# 476

Delta R.T. -0.00 min

Lab File: VX015366.D

Acq: 26 Mar 2020 19:53

Instrument :

MSVOA_X

ClientSampleId :

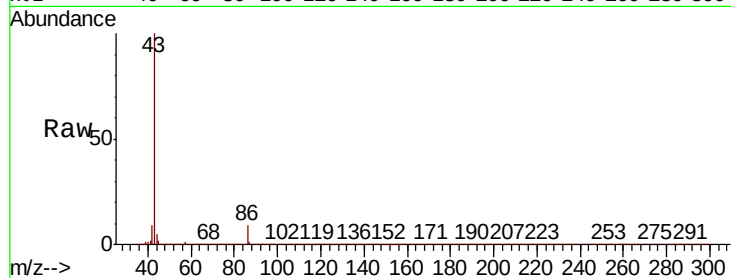
VSTDIC005

Tot Ion: 43 Resp: 1034297

Ion Ratio Lower Upper

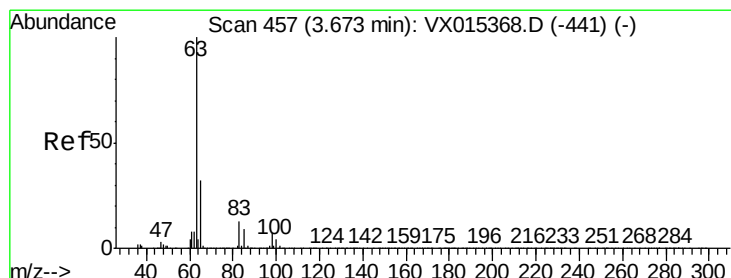
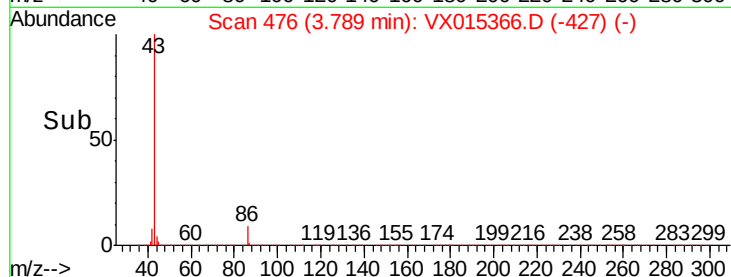
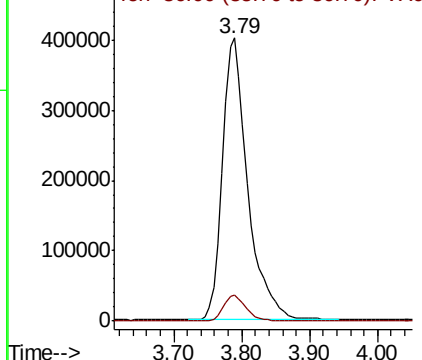
43 100

86 9.3 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: 4.394 ug/l

RT: 3.67 min Scan# 457

Delta R.T. -0.00 min

Lab File: VX015366.D

Acq: 26 Mar 2020 19:53

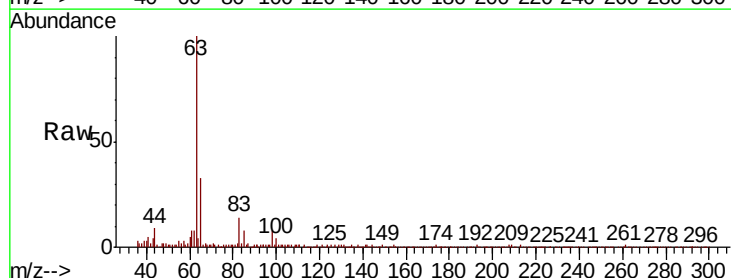
Tgt Ion: 63 Resp: 116729

Ion Ratio Lower Upper

63 100

98 7.1 3.3 9.8

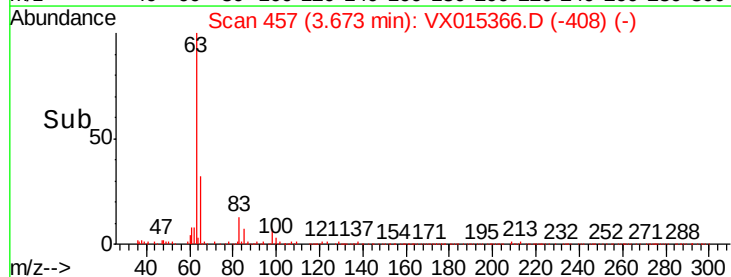
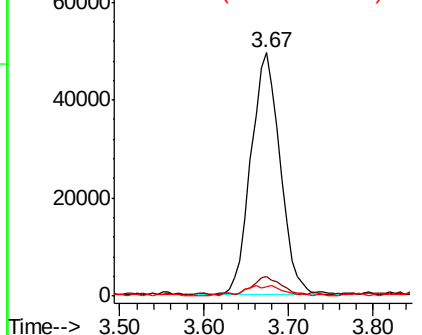
100 3.8 2.1 6.5

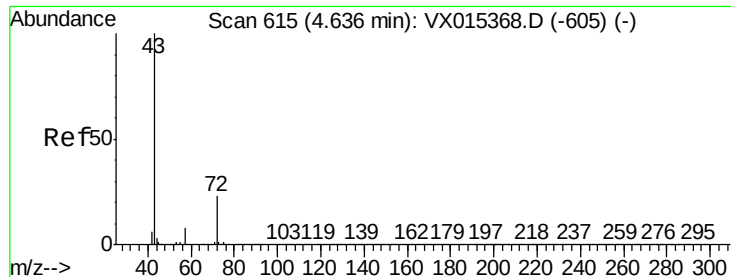


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 27.801 ug/l

RT: 4.64 min Scan# 616

Delta R.T. 0.01 min

Lab File: VX015366.D

Acq: 26 Mar 2020 19:53

Instrument :

MSVOA_X

ClientSampleId :

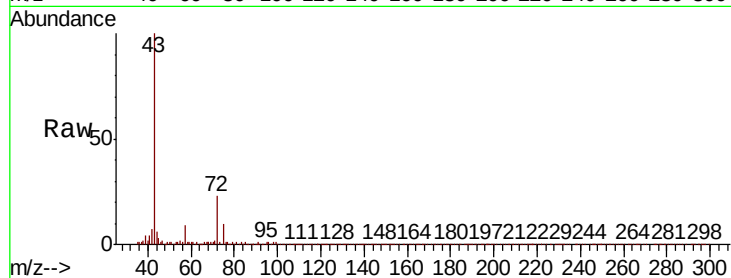
VSTDIC005

Tot Ion: 43 Resp: 270645

Ion Ratio Lower Upper

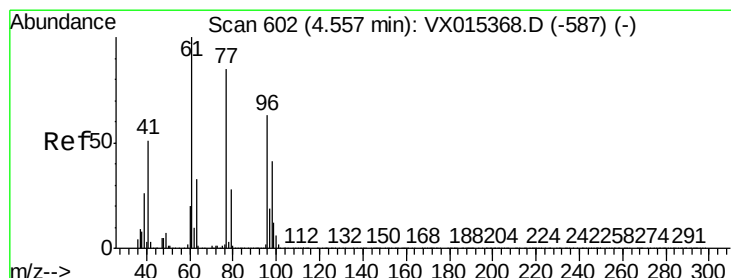
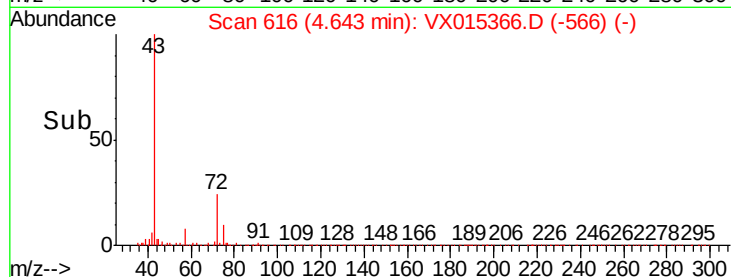
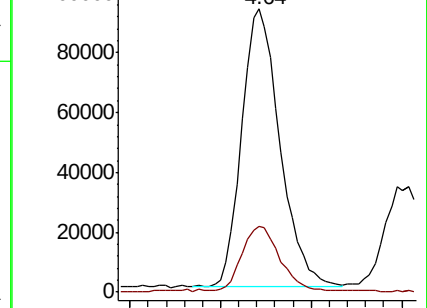
43 100

72 23.7 19.0 28.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 4.710 ug/l

RT: 4.55 min Scan# 601

Delta R.T. -0.01 min

Lab File: VX015366.D

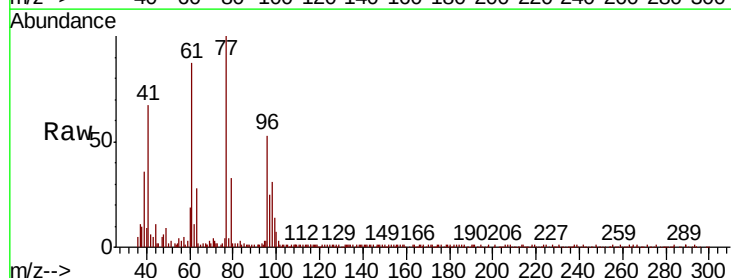
Acq: 26 Mar 2020 19:53

Tgt Ion: 77 Resp: 97487

Ion Ratio Lower Upper

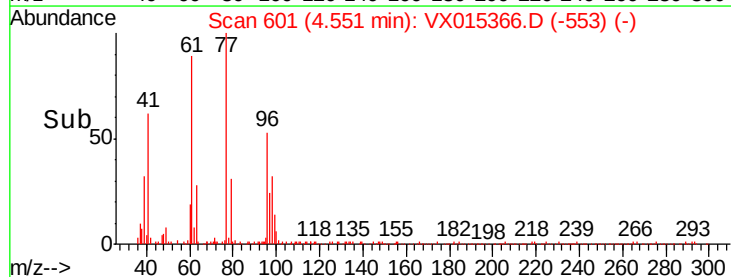
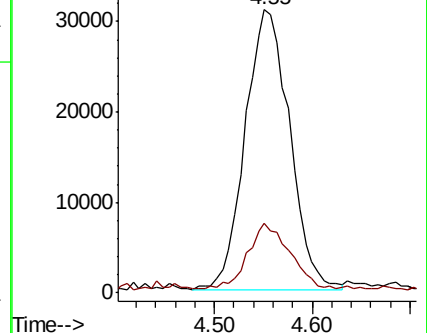
77 100

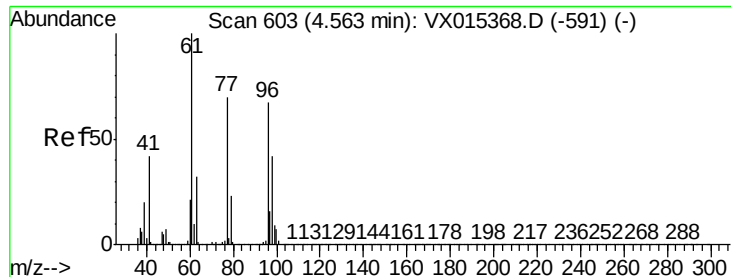
97 22.3 11.3 33.8



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



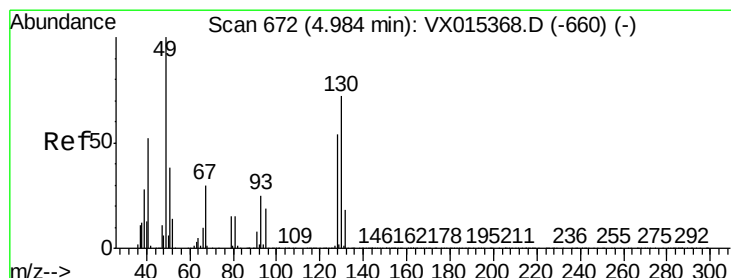
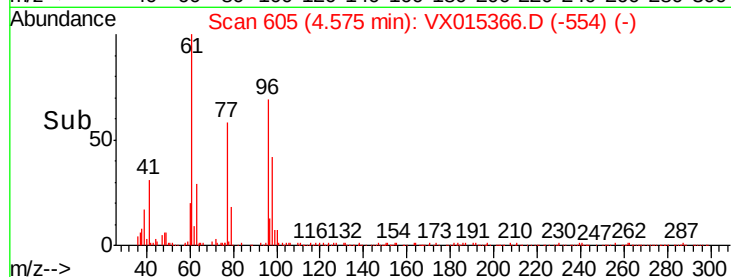
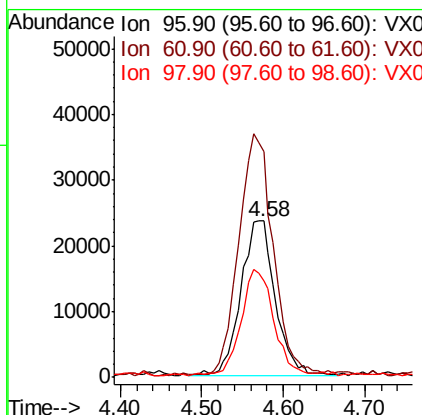
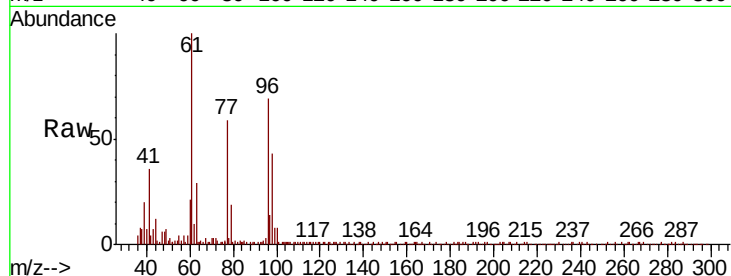


#27

cis-1,2-Dichloroethene
Concen: 4.027 ug/l
RT: 4.58 min Scan# 605
Delta R.T. 0.01 min
Lab File: VX015366.D
Acq: 26 Mar 2020 19:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

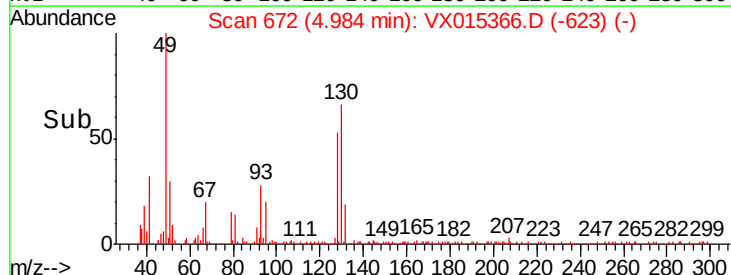
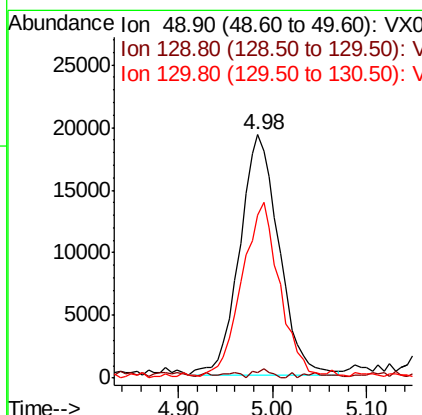
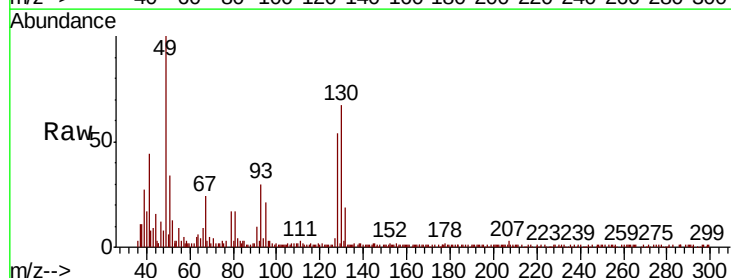
Tot Ion	Ratio	Lower	Upper
96	100		
61	155.6	0.0	308.4
98	64.9	0.0	129.2

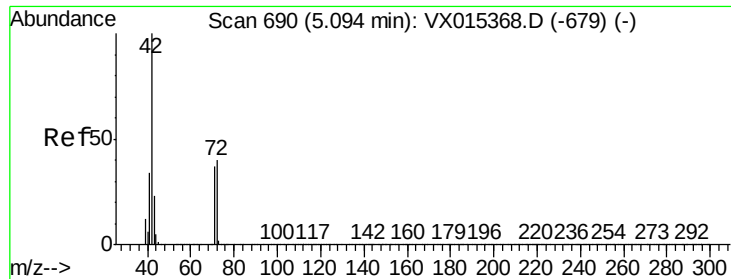


#28

Bromochloromethane
Concen: 5.004 ug/l
RT: 4.98 min Scan# 672
Delta R.T. -0.00 min
Lab File: VX015366.D
Acq: 26 Mar 2020 19:53

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.6	0.0	4.4
130	69.0	57.7	86.5





#29

Tetrahydrofuran

Concen: 27.970 ug/l

RT: 5.10 min Scan# 691

Delta R.T. 0.01 min

Lab File: VX015366.D

Acq: 26 Mar 2020 19:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

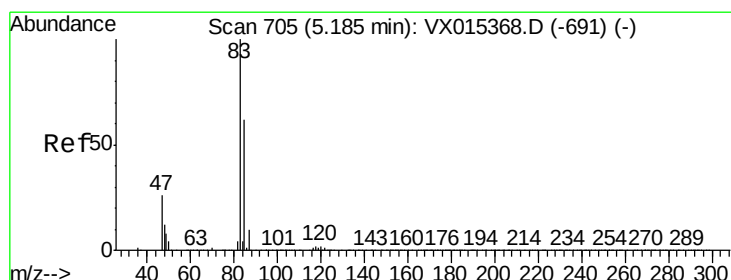
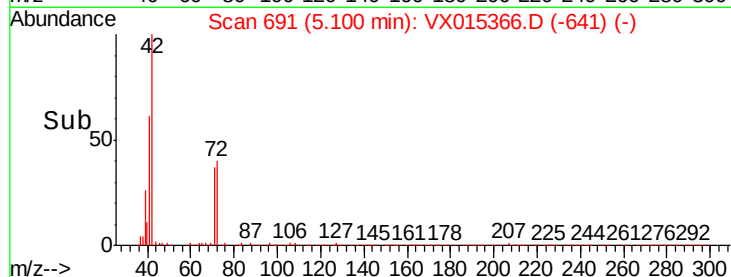
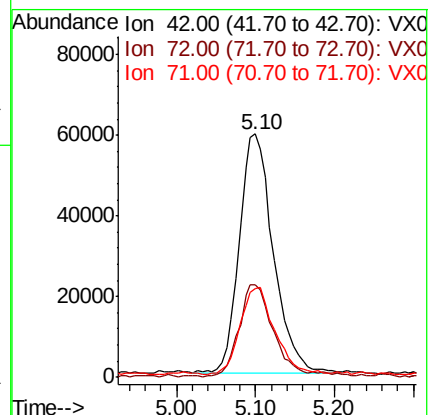
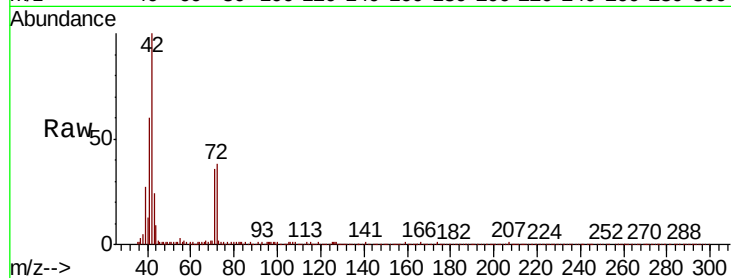
Tot Ion: 42 Resp: 176614

Ion Ratio Lower Upper

42 100

72 38.7 31.7 47.5

71 37.9 29.6 44.4



#30

Chloroform

Concen: 4.198 ug/l

RT: 5.18 min Scan# 704

Delta R.T. -0.01 min

Lab File: VX015366.D

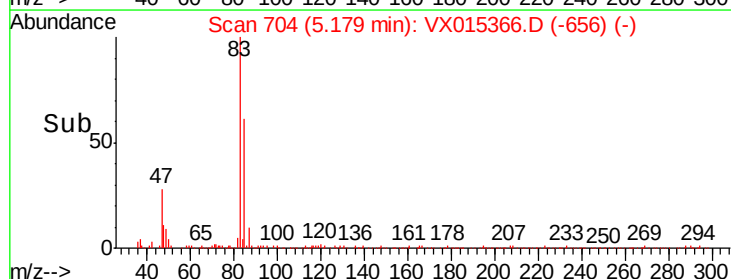
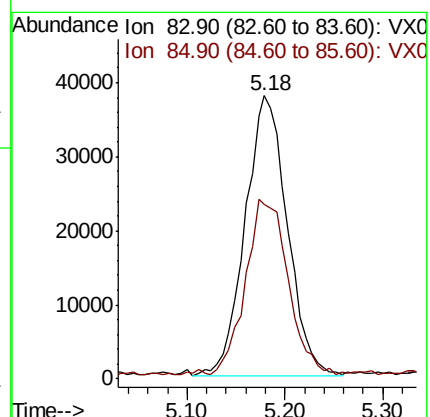
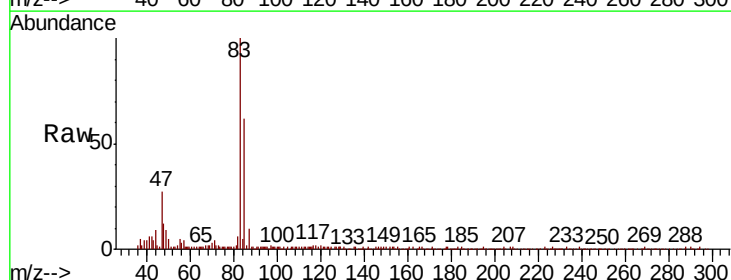
Acq: 26 Mar 2020 19:53

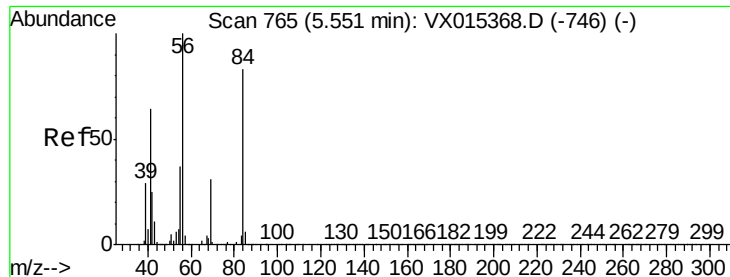
Tgt Ion: 83 Resp: 112381

Ion Ratio Lower Upper

83 100

85 60.9 49.5 74.3

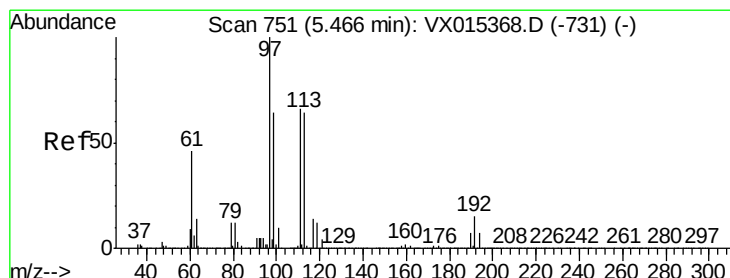
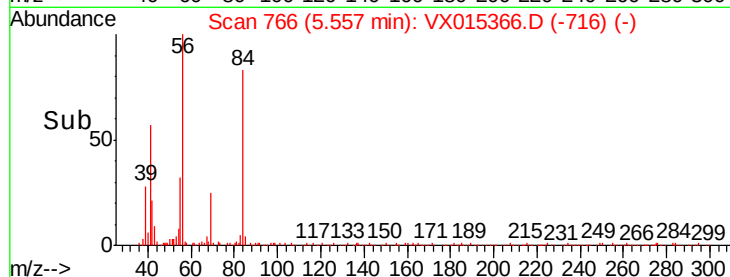
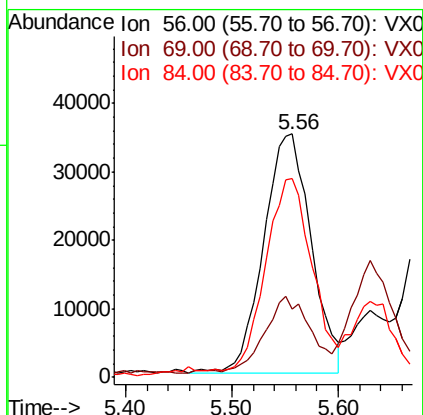
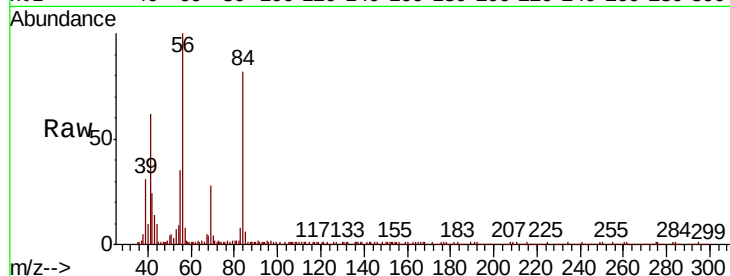




#31
Cyclohexane
Concen: 5.227 ug/l
RT: 5.56 min Scan# 766
Delta R.T. 0.01 min
Lab File: VX015366.D
Acq: 26 Mar 2020 19:53

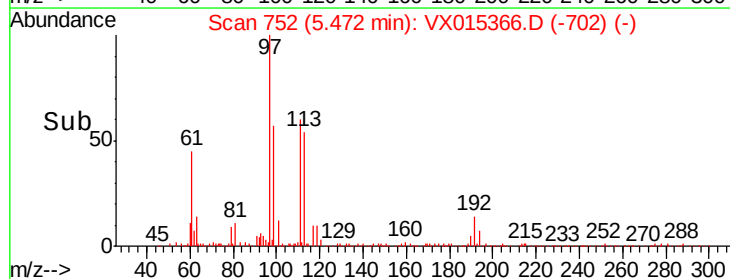
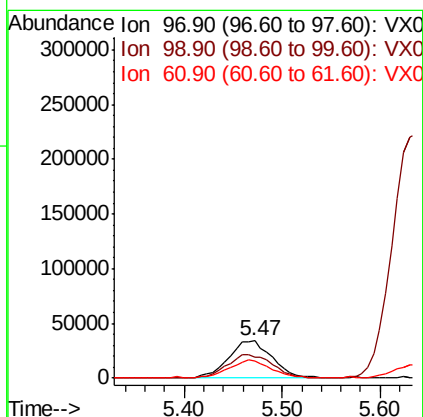
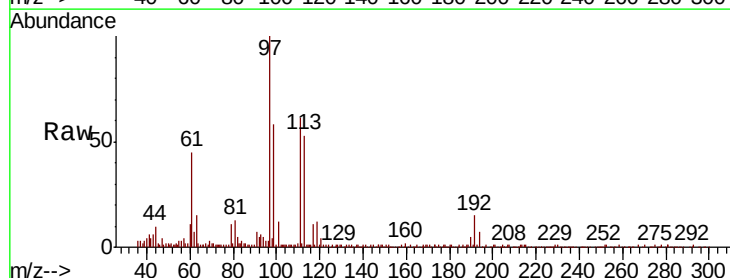
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

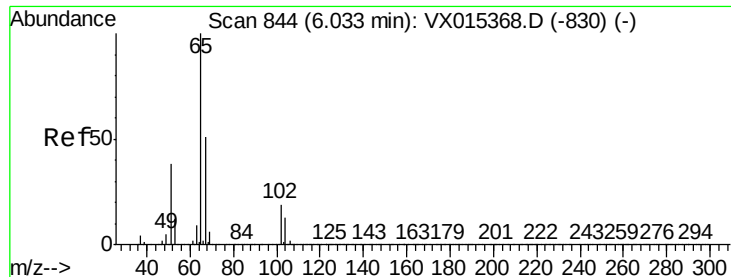
Tot Ion: 56 Resp: 107808
Ion Ratio Lower Upper
56 100
69 26.9 24.6 36.8
84 79.0 66.1 99.1



#32
1,1,1-Trichloroethane
Concen: 4.724 ug/l
RT: 5.47 min Scan# 752
Delta R.T. 0.01 min
Lab File: VX015366.D
Acq: 26 Mar 2020 19:53

Tgt Ion: 97 Resp: 103471
Ion Ratio Lower Upper
97 100
99 64.6 51.0 76.4
61 45.4 36.1 54.1

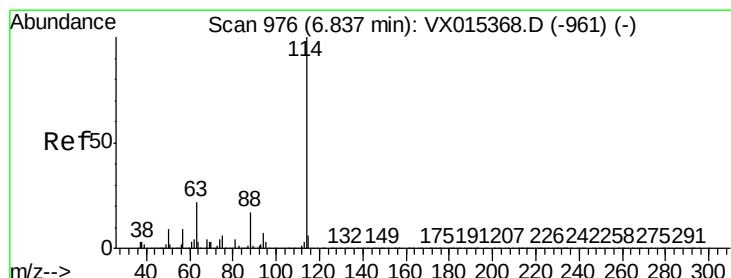
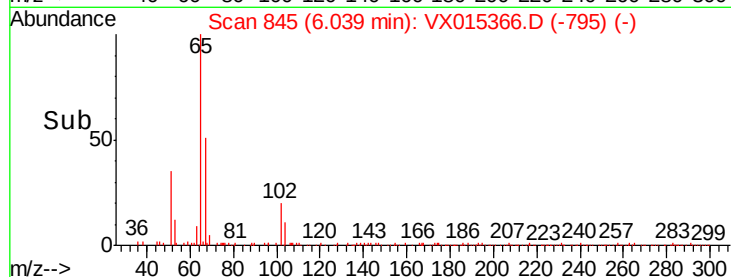
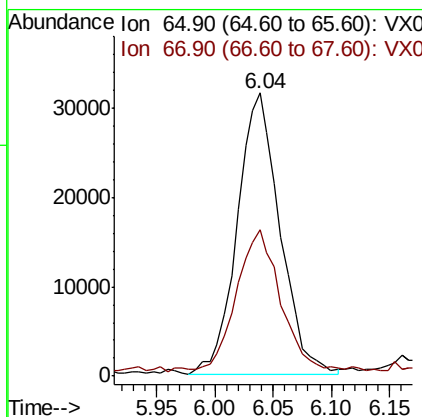
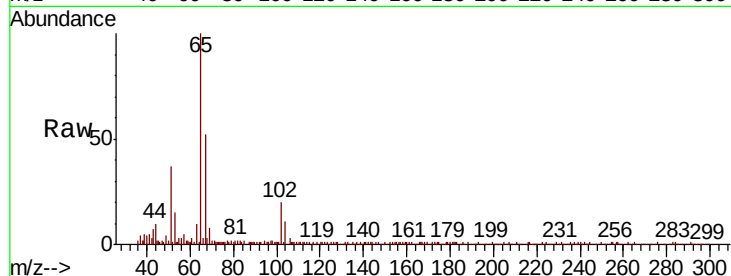




#33
 1,2-Dichloroethane-d4
 Concen: 5.350 ug/l
 RT: 6.04 min Scan# 845
 Delta R.T. 0.01 min
 Lab File: VX015366.D
 Acq: 26 Mar 2020 19:53

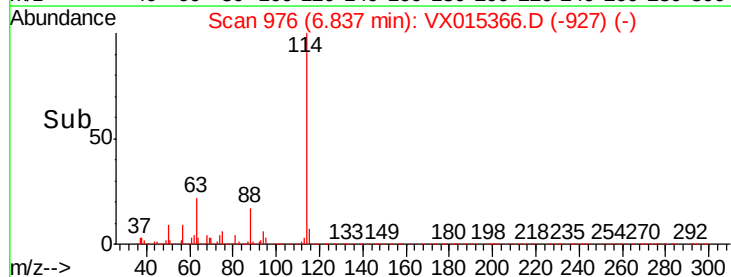
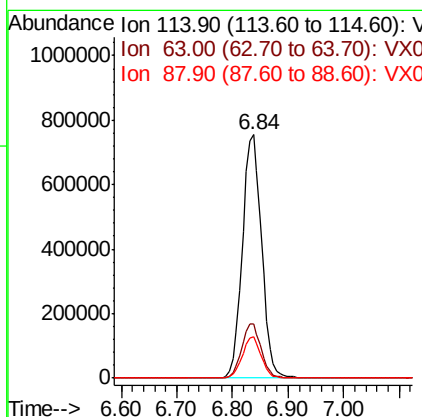
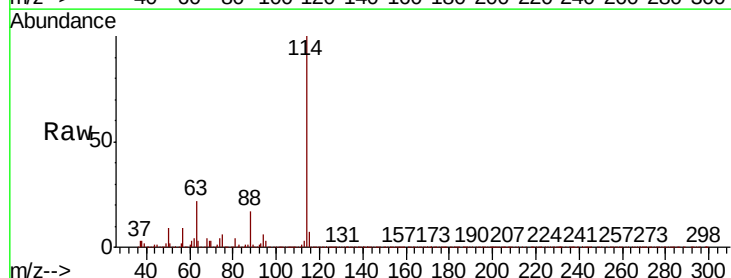
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

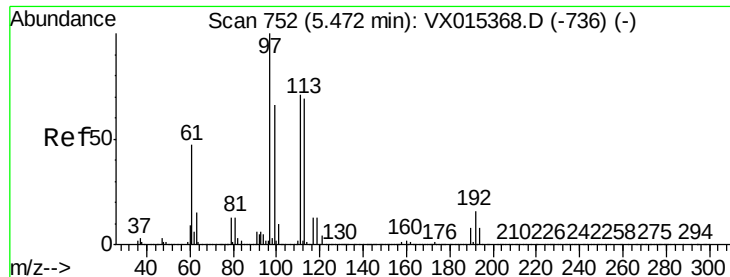
Tot Ion: 65 Resp: 80003
 Ion Ratio Lower Upper
 65 100
 67 50.3 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 976
 Delta R.T. -0.00 min
 Lab File: VX015366.D
 Acq: 26 Mar 2020 19:53

Tgt Ion: 114 Resp: 1804826
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 44.2
 88 16.7 0.0 33.8

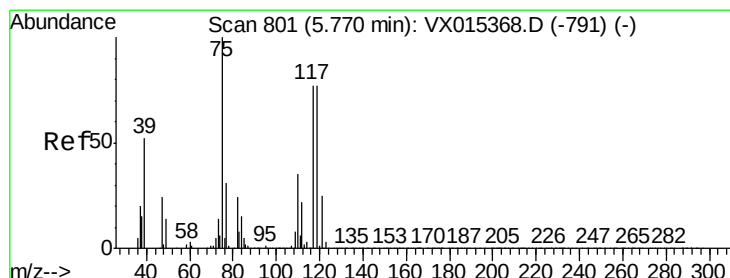
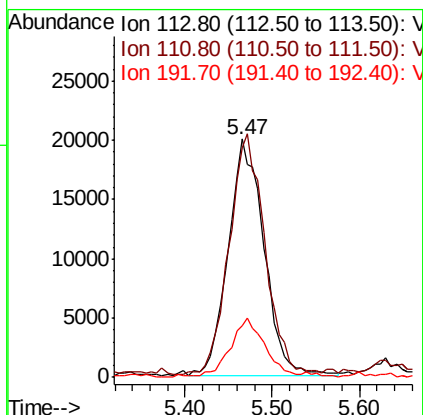
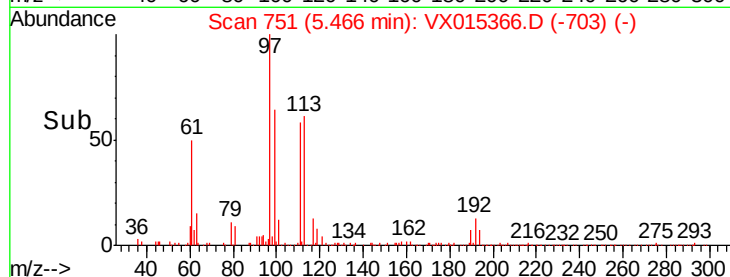
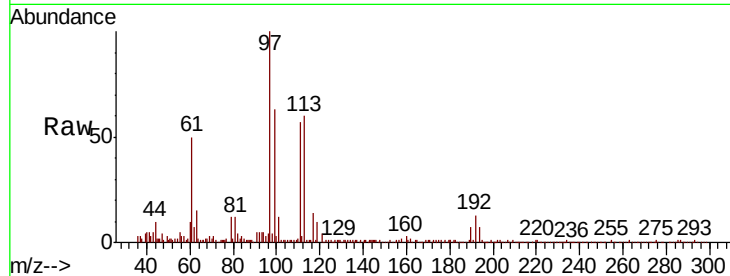




#35
Dibromofluoromethane
Concen: 4.794 ug/l
RT: 5.47 min Scan# 751
Delta R.T. -0.01 min
Lab File: VX015366.D
Acq: 26 Mar 2020 19:53

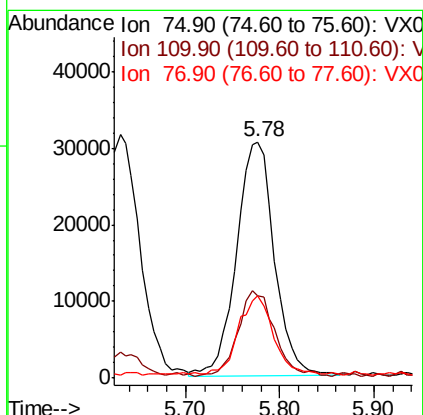
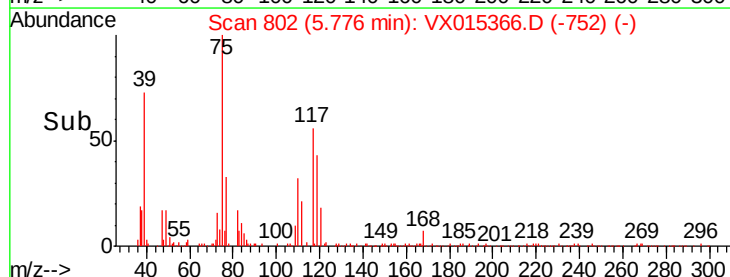
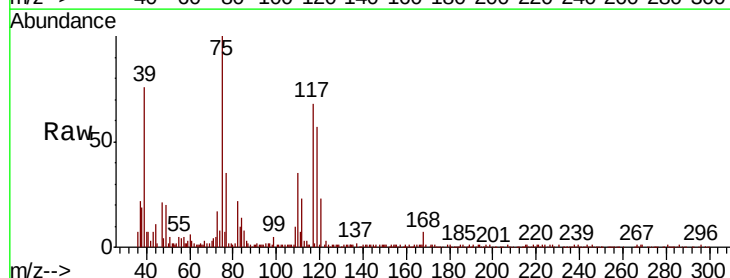
Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

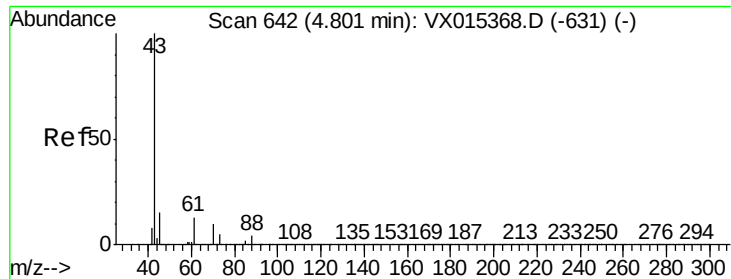
Tot Ion:113 Resp: 56451
Ion Ratio Lower Upper
113 100
111 102.2 81.5 122.3
192 22.9 17.8 26.6



#36
1,1-Dichloropropene
Concen: 5.117 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.01 min
Lab File: VX015366.D
Acq: 26 Mar 2020 19:53

Tgt Ion: 75 Resp: 85818
Ion Ratio Lower Upper
75 100
110 34.9 17.1 51.3
77 30.2 24.6 36.8

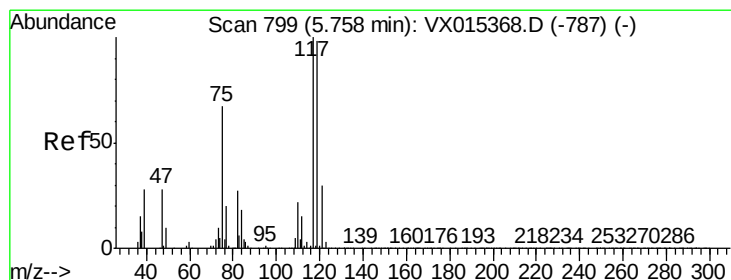
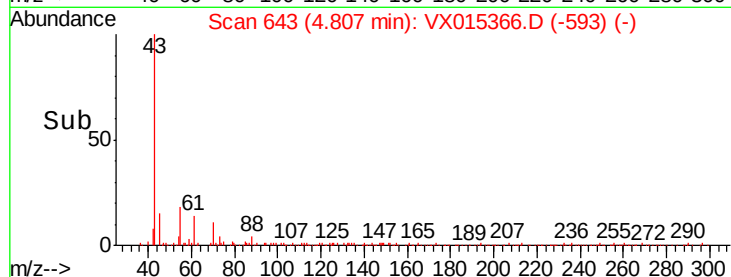
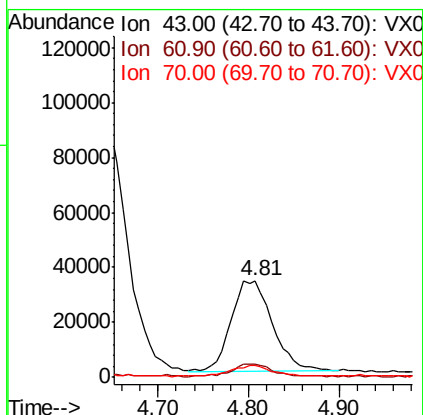
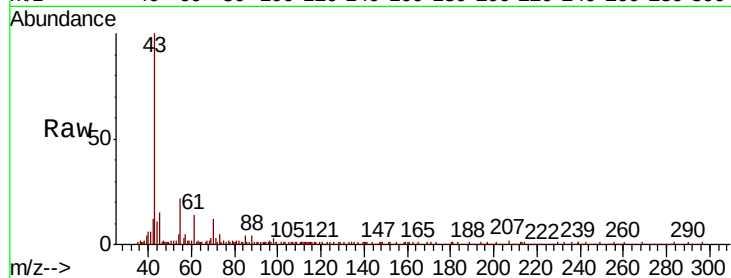




#37
Ethyl Acetate
Concen: 6.210 ug/l
RT: 4.81 min Scan# 643
Delta R.T. 0.01 min
Lab File: VX015366.D
Acq: 26 Mar 2020 19:53

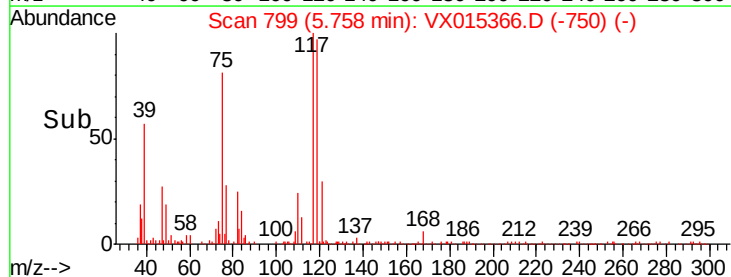
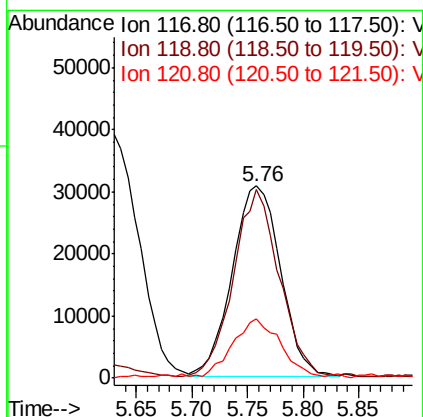
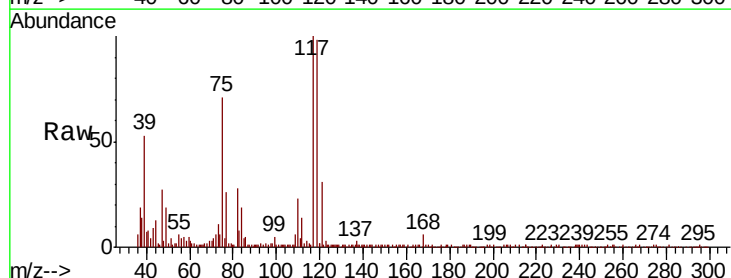
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

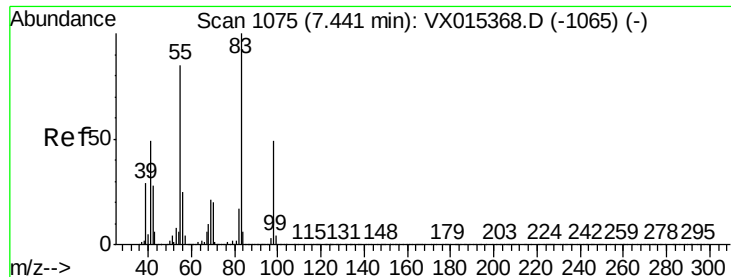
Tot Ion	Ratio	Lower	Upper
43	100		
61	13.6	9.9	14.9
70	11.1	8.1	12.1



#38
Carbon Tetrachloride
Concen: 5.748 ug/l
RT: 5.76 min Scan# 799
Delta R.T. -0.00 min
Lab File: VX015366.D
Acq: 26 Mar 2020 19:53

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.3	78.0	117.0
121	30.2	23.8	35.8

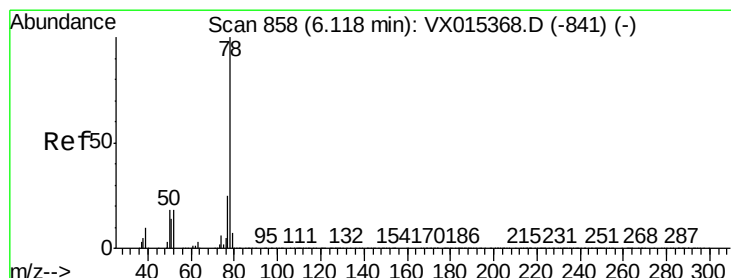
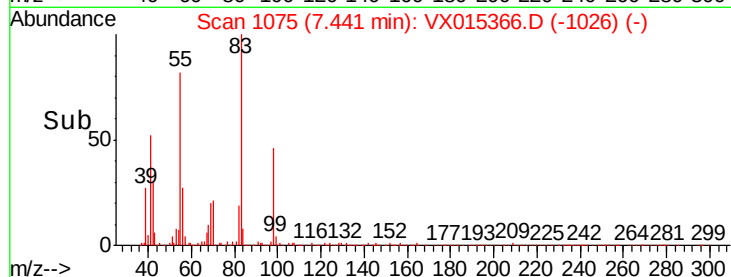
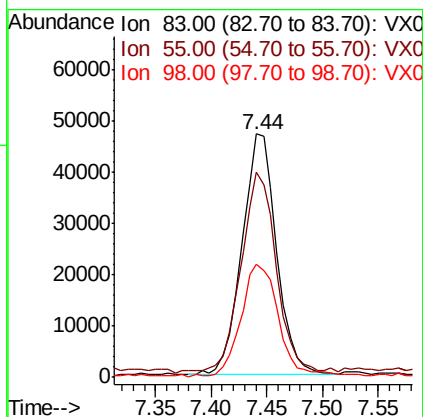
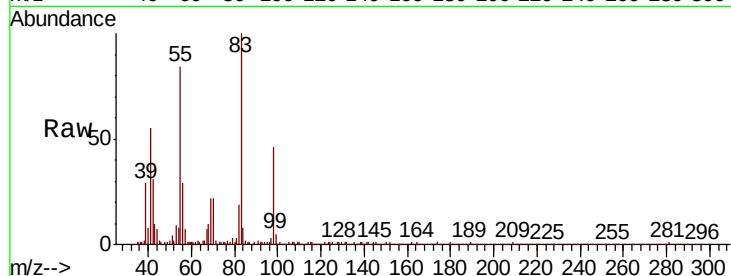




#39
Methylvlcyclohexane
Concen: 5.140 ug/l
RT: 7.44 min Scan# 1075
Delta R.T. -0.00 min
Lab File: VX015366.D
Acq: 26 Mar 2020 19:53

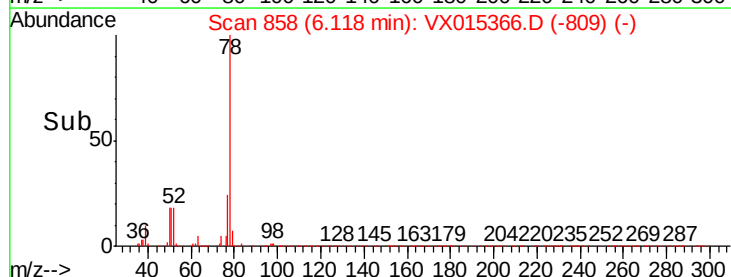
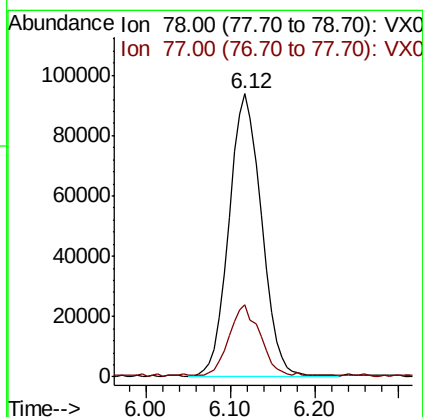
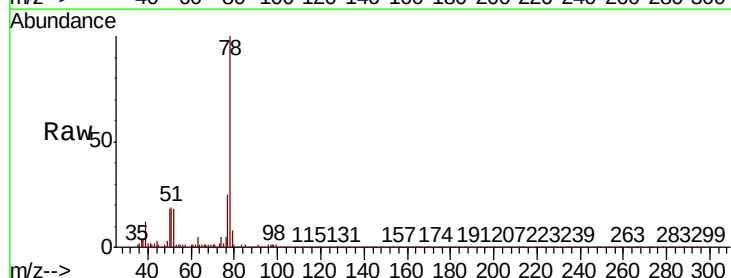
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

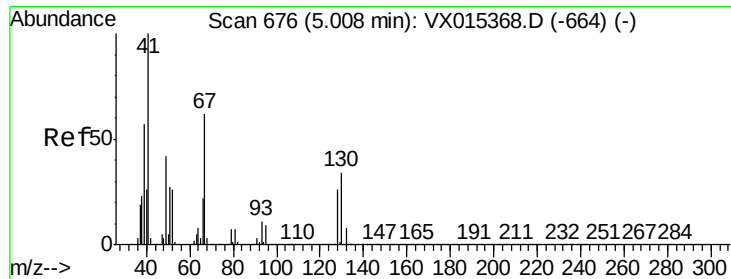
Tot Ion	Ratio	Lower	Upper
83	100		
55	83.1	67.8	101.6
98	47.1	39.3	58.9



#40
Benzene
Concen: 4.807 ug/l
RT: 6.12 min Scan# 858
Delta R.T. -0.00 min
Lab File: VX015366.D
Acq: 26 Mar 2020 19:53

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.9	19.8	29.8





#41

Methacrylonitrile

Concen: 6.467 ug/l

RT: 5.01 min Scan# 677

Delta R.T. 0.01 min

Lab File: VX015366.D

Acq: 26 Mar 2020 19:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 41 Resp: 58977

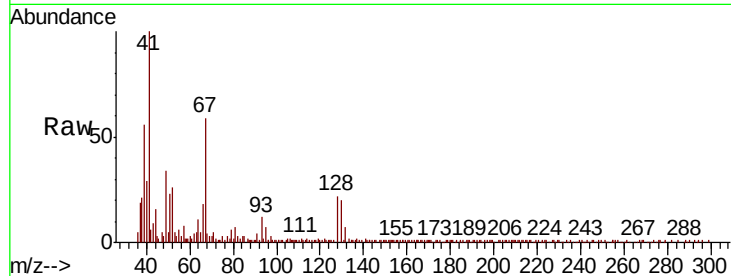
Ion Ratio Lower Upper

41 100

39 57.3 44.5 66.7

67 62.0 48.9 73.3

52 28.8 21.8 32.6

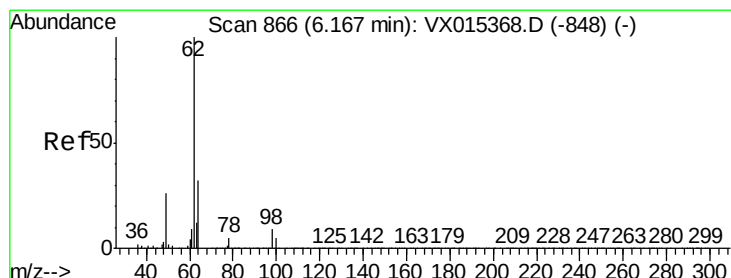
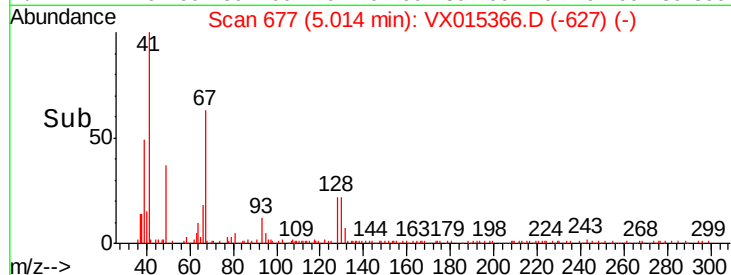
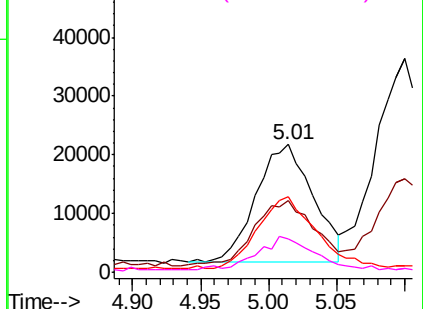


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 5.880 ug/l

RT: 6.16 min Scan# 865

Delta R.T. -0.01 min

Lab File: VX015366.D

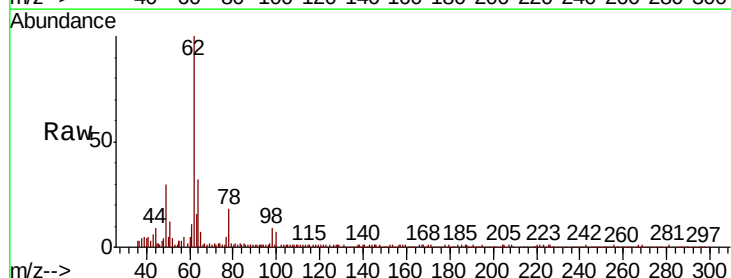
Acq: 26 Mar 2020 19:53

Tgt Ion: 62 Resp: 97168

Ion Ratio Lower Upper

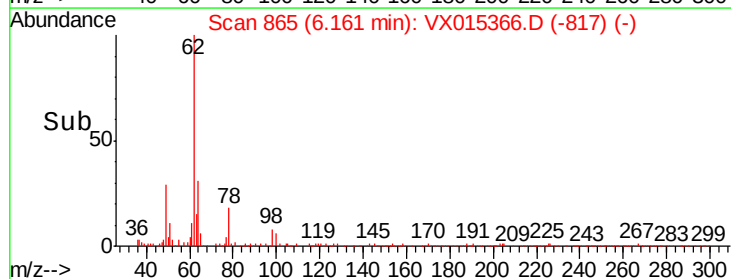
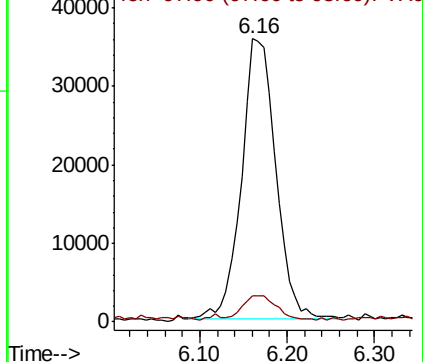
62 100

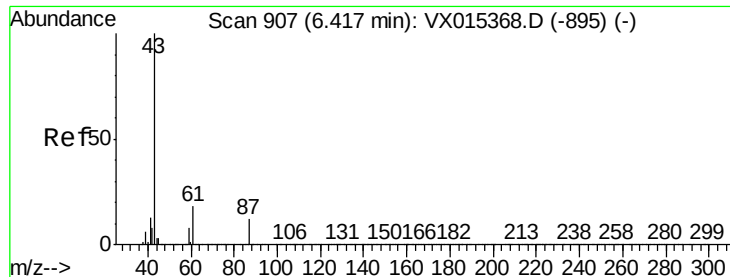
98 8.5 0.0 17.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 6.920 ug/l

RT: 6.42 min Scan# 907

Delta R.T. -0.00 min

Lab File: VX015366.D

Acq: 26 Mar 2020 19:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

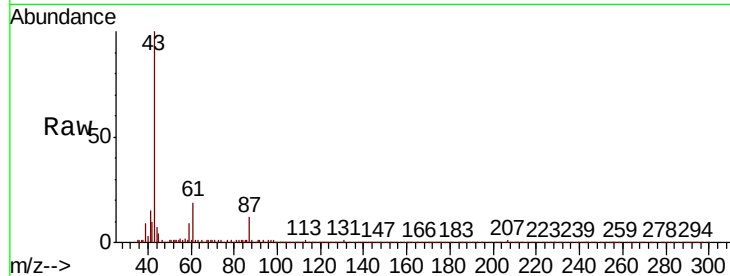
Tot Ion: 43 Resp: 180234

Ion Ratio Lower Upper

43 100

61 18.3 14.8 22.2

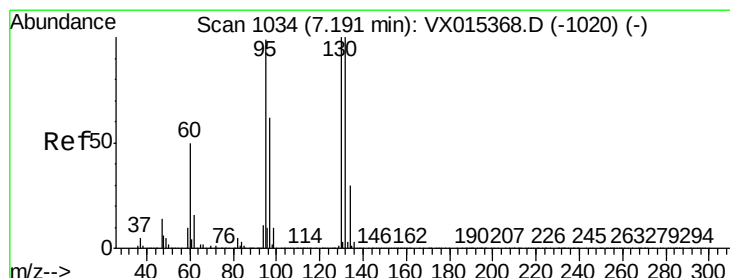
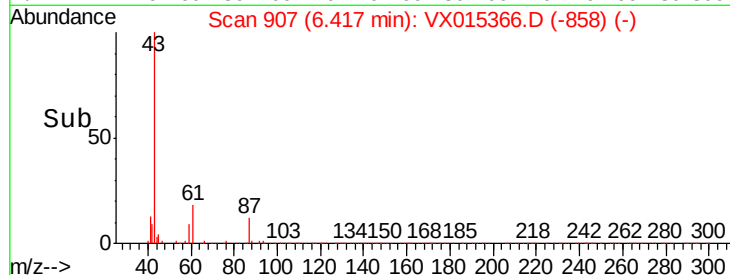
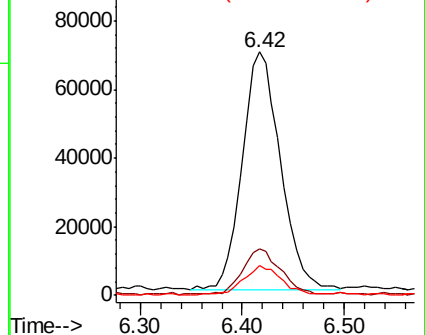
87 12.5 9.4 14.0



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: 4.679 ug/l

RT: 7.19 min Scan# 1034

Delta R.T. -0.00 min

Lab File: VX015366.D

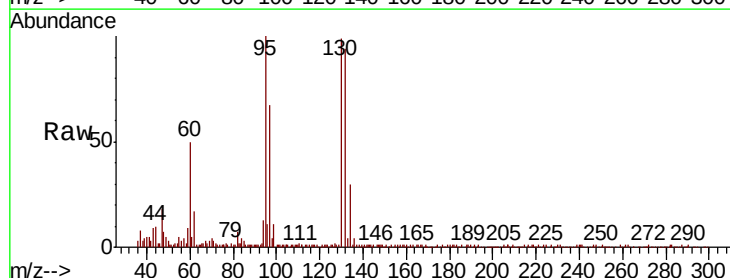
Acq: 26 Mar 2020 19:53

Tgt Ion:130 Resp: 65931

Ion Ratio Lower Upper

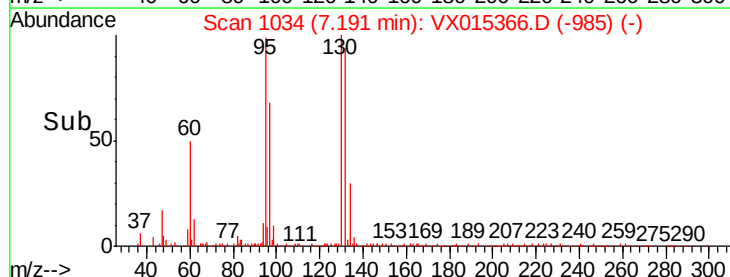
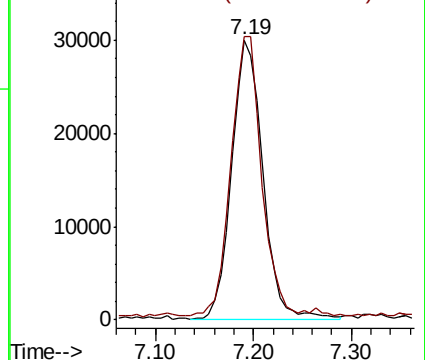
130 100

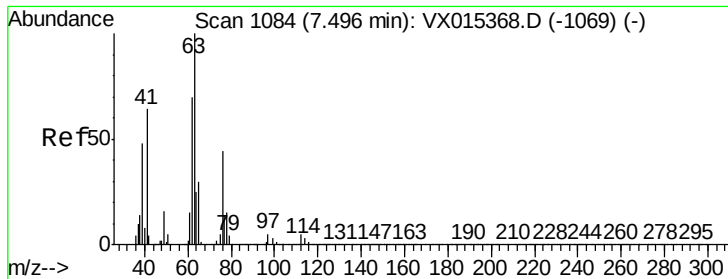
95 100.1 0.0 199.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

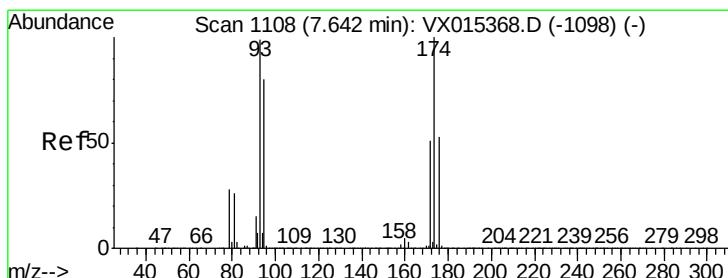
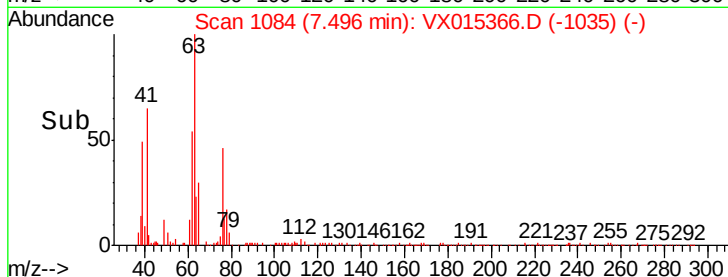
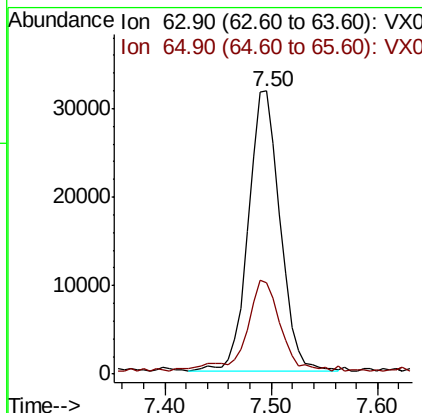
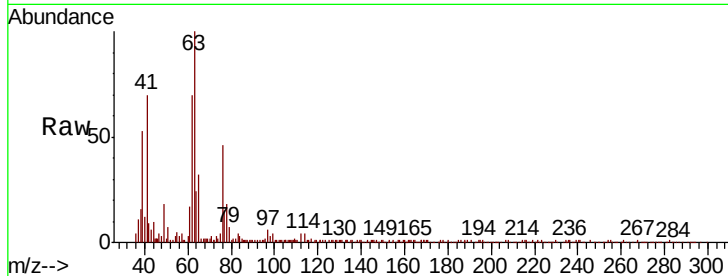




#45
 1,2-Dichloropropane
 Concen: 5.296 ug/l
 RT: 7.50 min Scan# 1084
 Delta R.T. -0.00 min
 Lab File: VX015366.D
 Acq: 26 Mar 2020 19:53

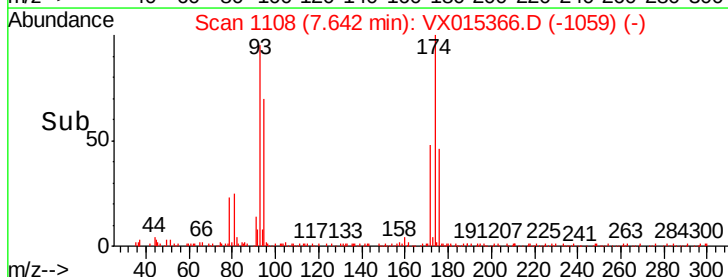
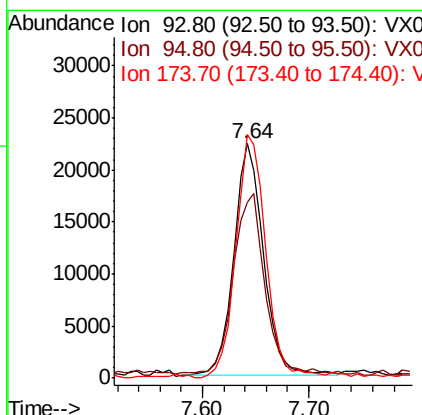
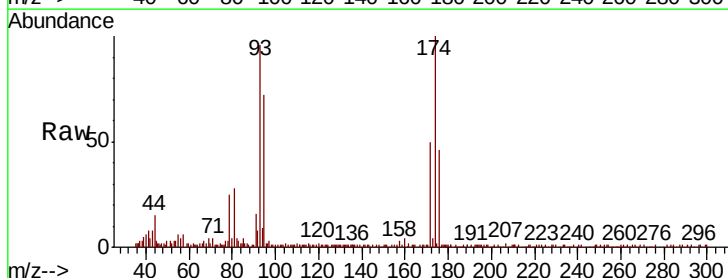
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

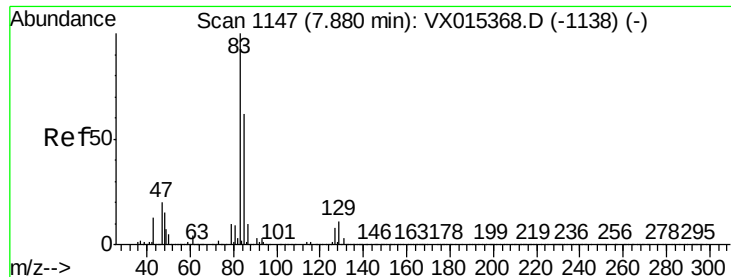
Tot Ion: 63 Resp: 65772
 Ion Ratio Lower Upper
 63 100
 65 31.0 23.9 35.9



#46
 Dibromomethane
 Concen: 5.004 ug/l
 RT: 7.64 min Scan# 1108
 Delta R.T. -0.00 min
 Lab File: VX015366.D
 Acq: 26 Mar 2020 19:53

Tgt Ion: 93 Resp: 43462
 Ion Ratio Lower Upper
 93 100
 95 83.5 65.8 98.8
 174 105.5 86.2 129.2





#47

Bromodichloromethane

Concen: 5.624 ug/l

RT: 7.88 min Scan# 1147

Delta R.T. -0.00 min

Lab File: VX015366.D

Acq: 26 Mar 2020 19:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

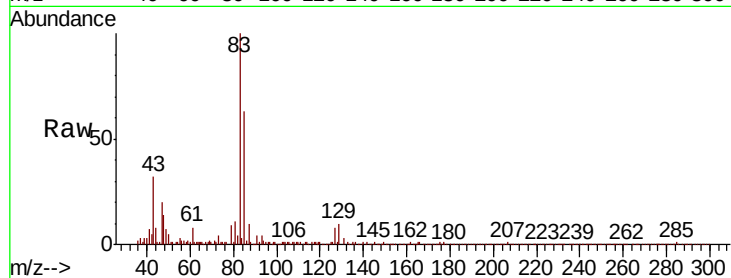
Tot Ion: 83 Resp: 93313

Ion Ratio Lower Upper

83 100

85 62.0 49.7 74.5

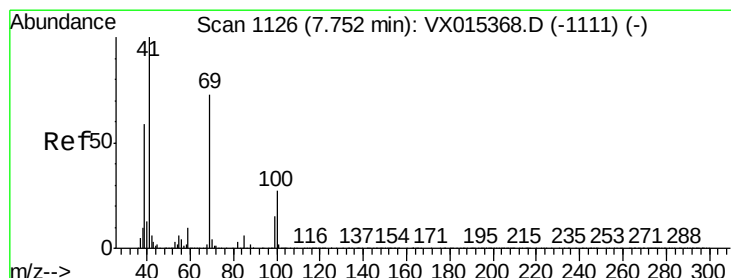
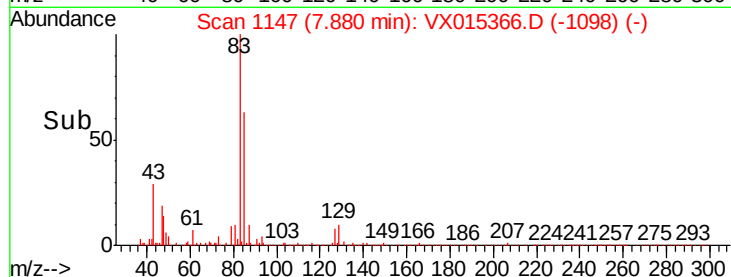
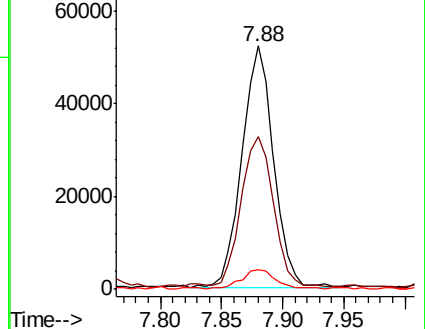
127 7.6 6.7 10.1



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 7.282 ug/l

RT: 7.75 min Scan# 1126

Delta R.T. -0.00 min

Lab File: VX015366.D

Acq: 26 Mar 2020 19:53

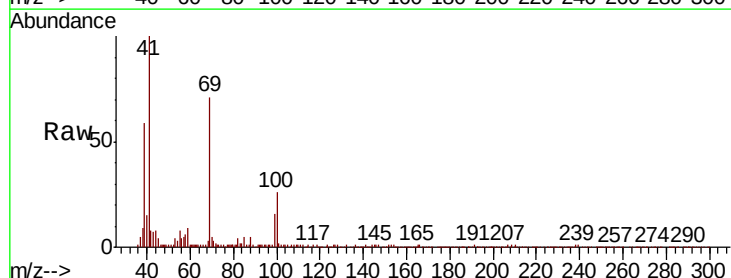
Tgt Ion: 41 Resp: 91098

Ion Ratio Lower Upper

41 100

69 69.4 56.7 85.1

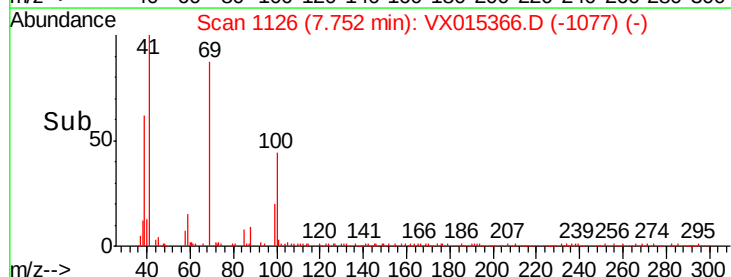
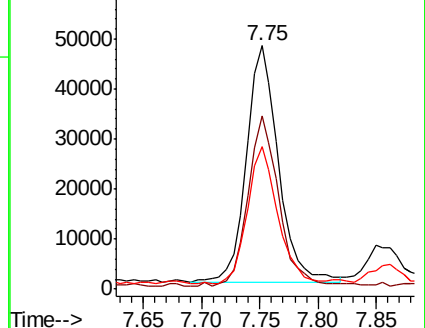
39 55.8 46.5 69.7

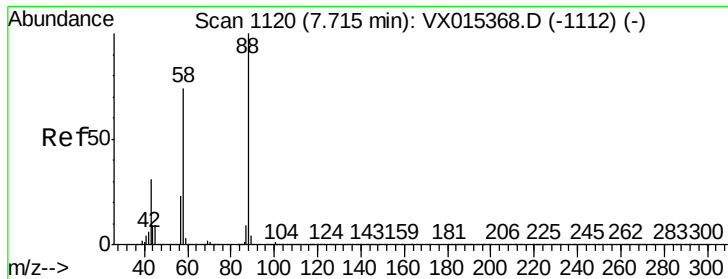


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 103.819 ug/l

RT: 7.72 min Scan# 1121

Delta R.T. 0.01 min

Lab File: VX015366.D

Acq: 26 Mar 2020 19:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

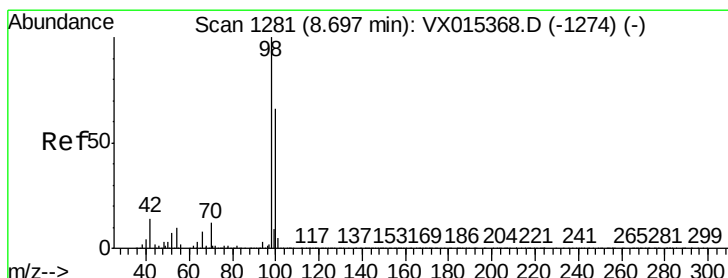
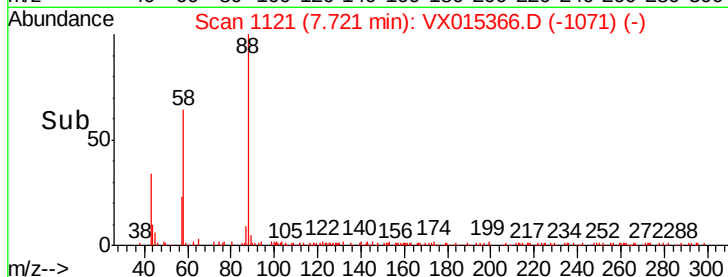
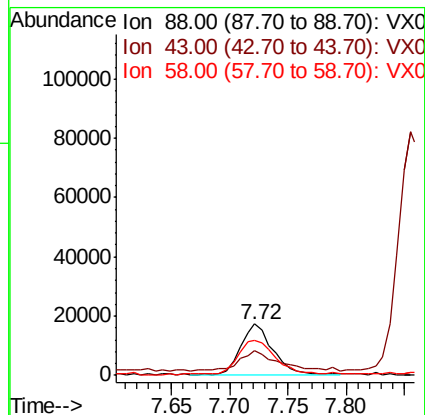
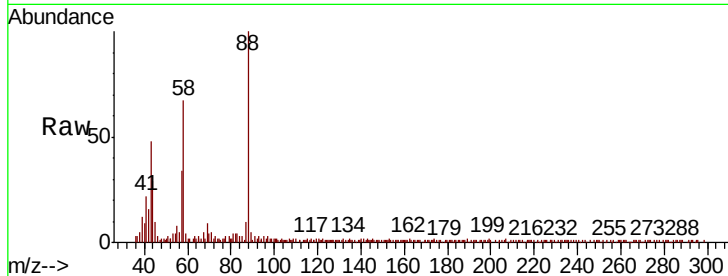
Tot Ion: 88 Resp: 33050

Ion Ratio Lower Upper

88 100

43 53.4 30.1 45.1#

58 86.5 60.6 90.8



#50

Toluene-d8

Concen: 5.099 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. -0.00 min

Lab File: VX015366.D

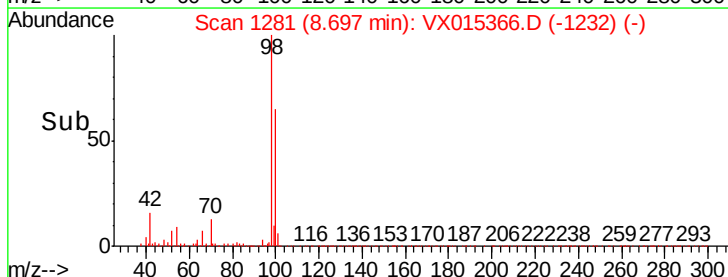
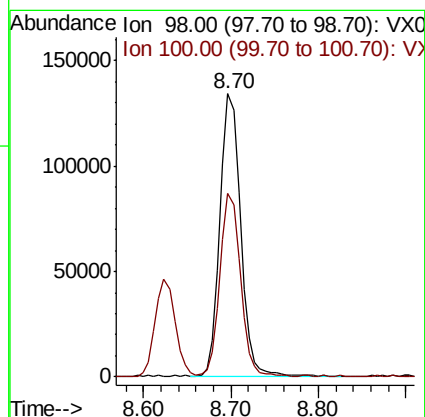
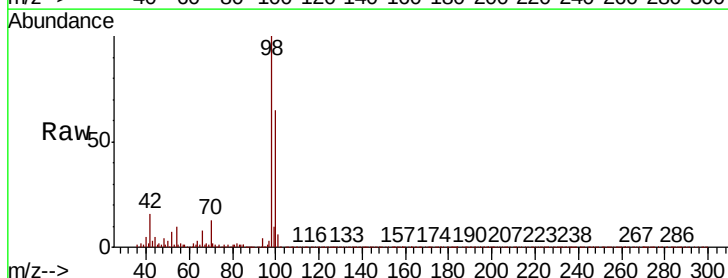
Acq: 26 Mar 2020 19:53

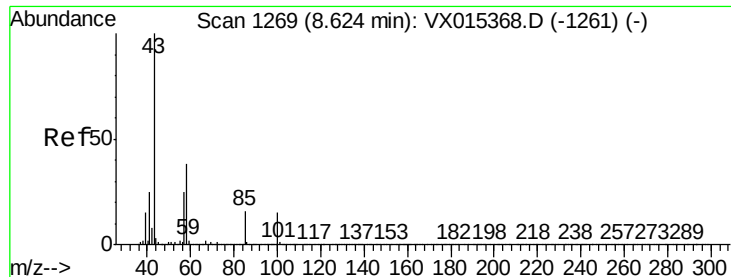
Tgt Ion: 98 Resp: 218382

Ion Ratio Lower Upper

98 100

100 64.6 53.5 80.3





#51

4-Methyl-2-Pentanone

Concen: 33.761 ug/l

RT: 8.62 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VX015366.D

Acq: 26 Mar 2020 19:53

Instrument :

MSVOA_X

ClientSampleId :

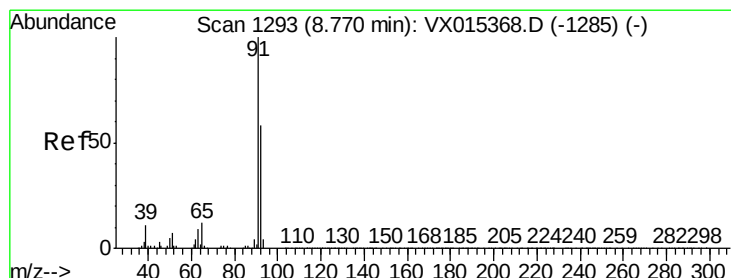
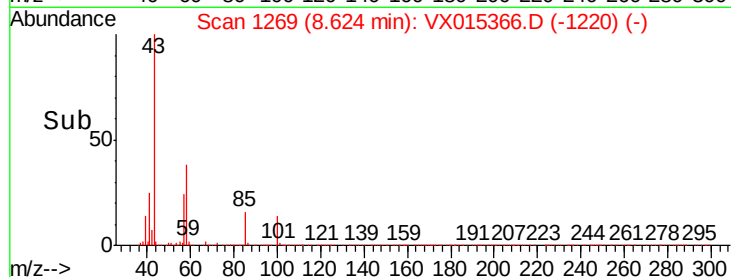
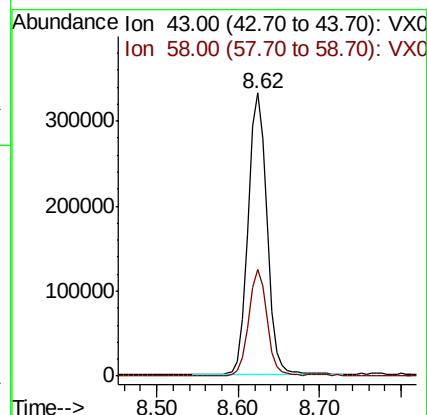
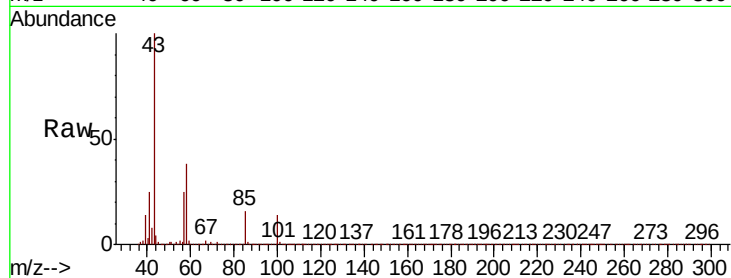
VSTDIC005

Tot Ion: 43 Resp: 531882

Ion Ratio Lower Upper

43 100

58 36.3 29.7 44.5



#52

Toluene

Concen: 4.753 ug/l

RT: 8.77 min Scan# 1293

Delta R.T. -0.00 min

Lab File: VX015366.D

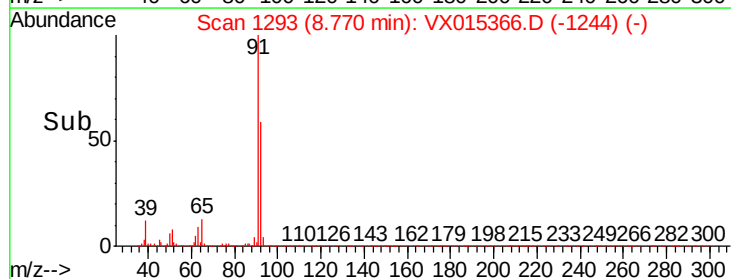
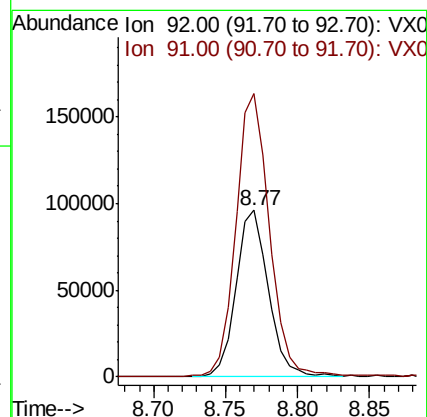
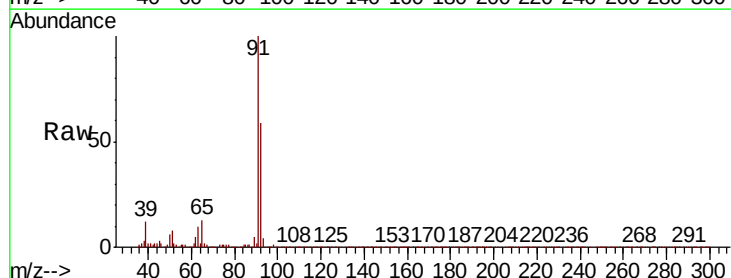
Acq: 26 Mar 2020 19:53

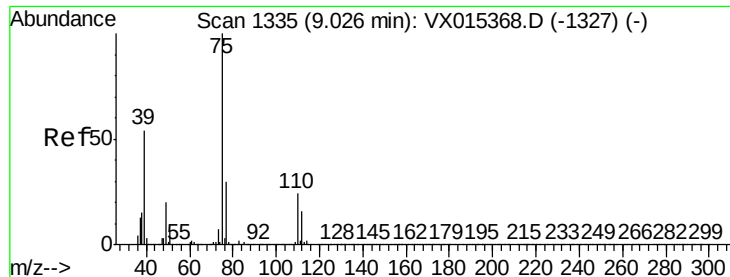
Tgt Ion: 92 Resp: 149830

Ion Ratio Lower Upper

92 100

91 175.7 136.6 205.0





#53

t-1,3-Dichloropropene

Concen: 5.794 ug/l

RT: 9.03 min Scan# 1335

Delta R.T. -0.00 min

Lab File: VX015366.D

Acq: 26 Mar 2020 19:53

Instrument :

MSVOA_X

ClientSampleId :

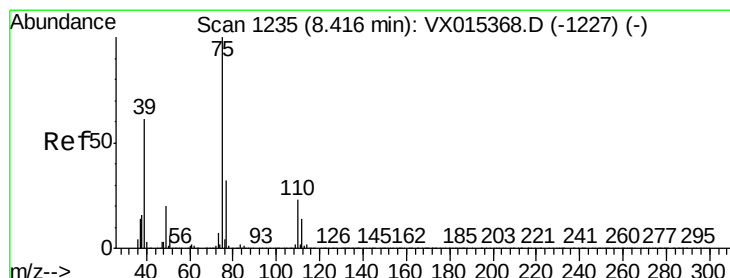
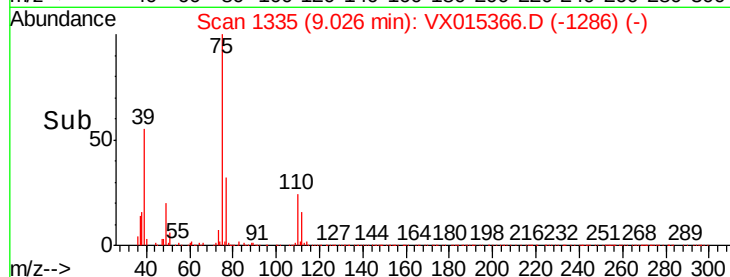
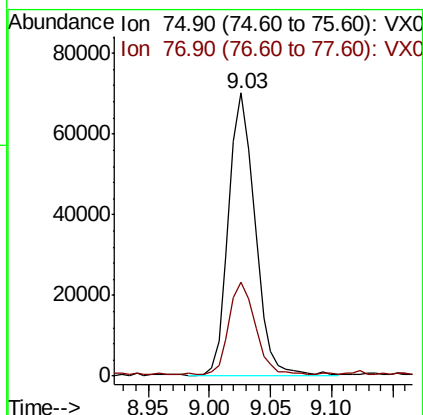
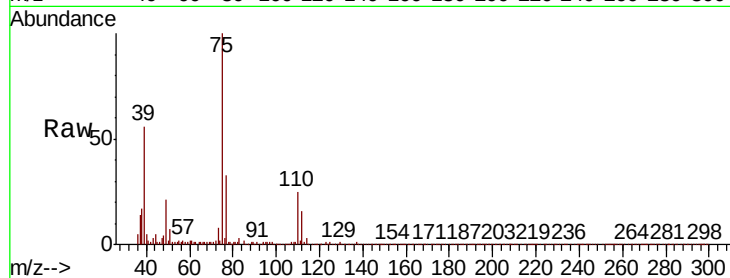
VSTDIC005

Tot Ion: 75 Resp: 104425

Ion Ratio Lower Upper

75 100

77 32.5 24.1 36.1



#54

cis-1,3-Dichloropropene

Concen: 5.616 ug/l

RT: 8.42 min Scan# 1235

Delta R.T. -0.00 min

Lab File: VX015366.D

Acq: 26 Mar 2020 19:53

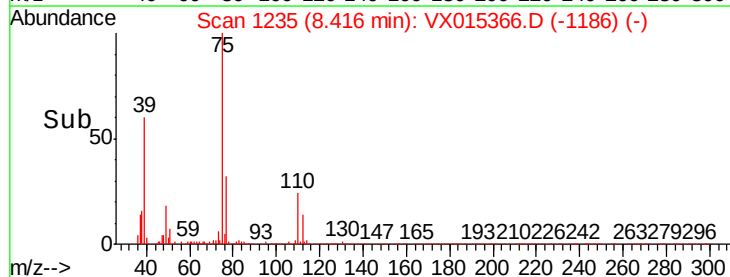
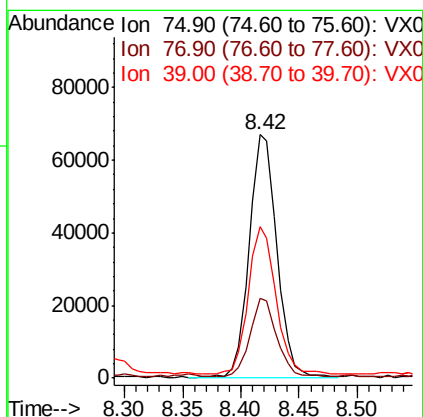
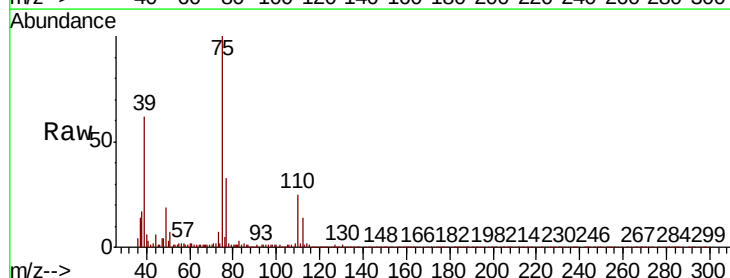
Tgt Ion: 75 Resp: 112410

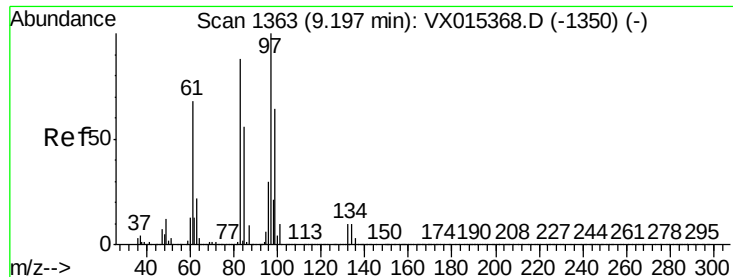
Ion Ratio Lower Upper

75 100

77 32.0 25.8 38.6

39 60.5 49.0 73.4

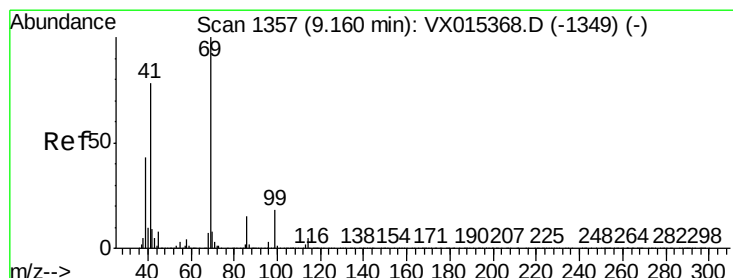
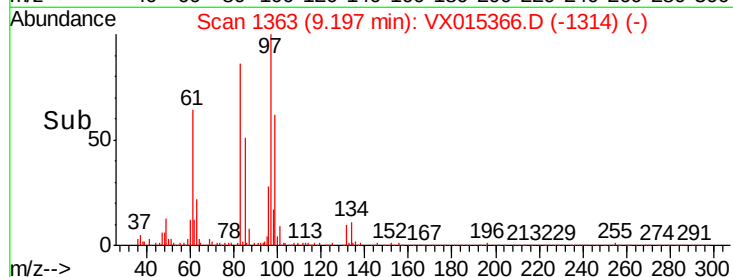
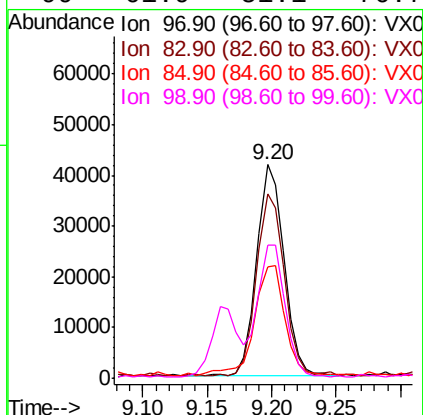
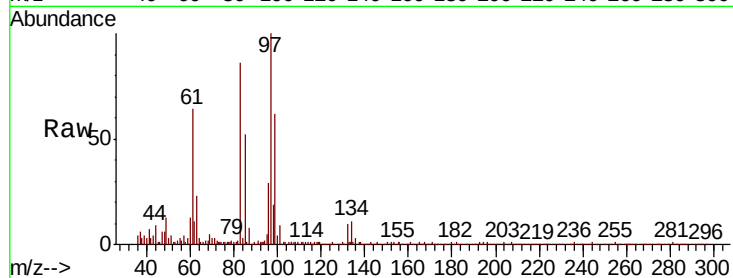




#55
 1,1,2-Trichloroethane
 Concen: 4.536 ug/l
 RT: 9.20 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VX015366.D
 Acq: 26 Mar 2020 19:53

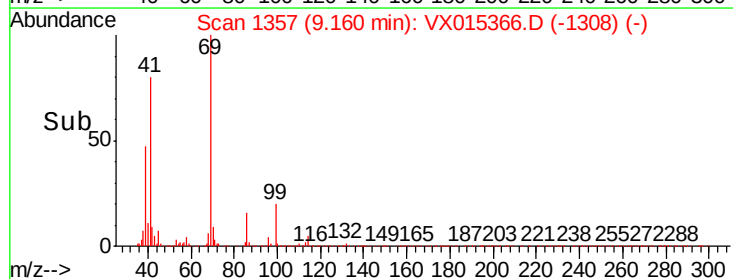
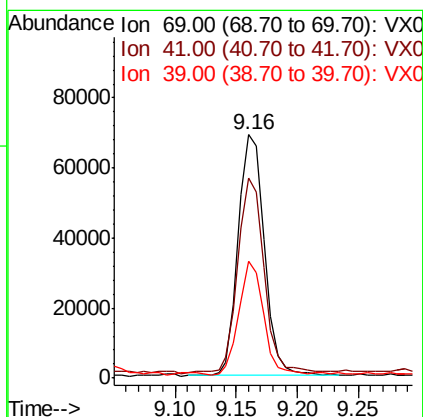
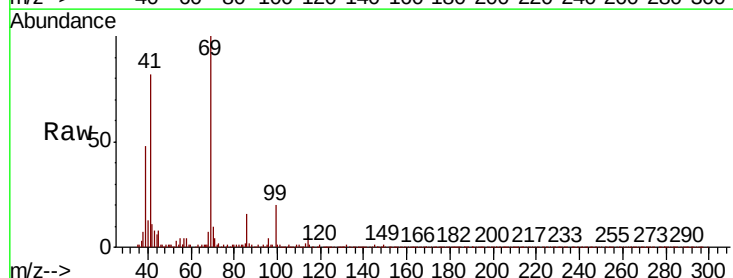
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

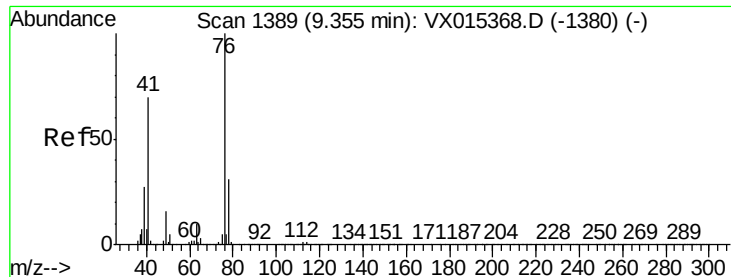
Tot Ion:	97	Resp:	61192
Ion	Ratio	Lower	Upper
97	100		
83	86.1	70.2	105.4
85	50.9	44.7	67.1
99	61.9	51.1	76.7



#56
 Ethyl methacrylate
 Concen: 5.539 ug/l
 RT: 9.16 min Scan# 1357
 Delta R.T. -0.00 min
 Lab File: VX015366.D
 Acq: 26 Mar 2020 19:53

Tgt Ion:	69	Resp:	101597
Ion	Ratio	Lower	Upper
69	100		
41	82.6	61.6	92.4
39	44.0	34.0	51.0





#57

1,3-Dichloropropane

Concen: 4.864 ug/l

RT: 9.36 min Scan# 1389

Delta R.T. -0.00 min

Lab File: VX015366.D

Acq: 26 Mar 2020 19:53

Instrument :

MSVOA_X

ClientSampleId :

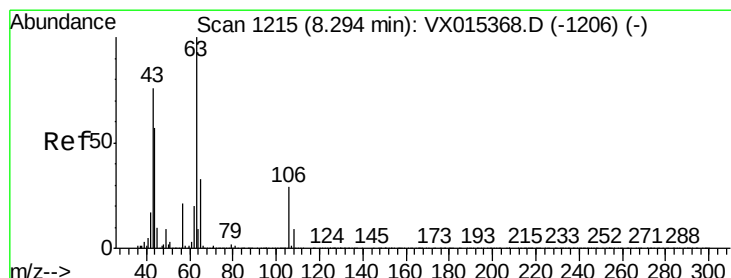
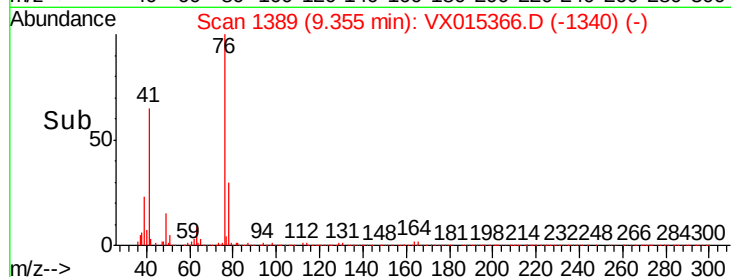
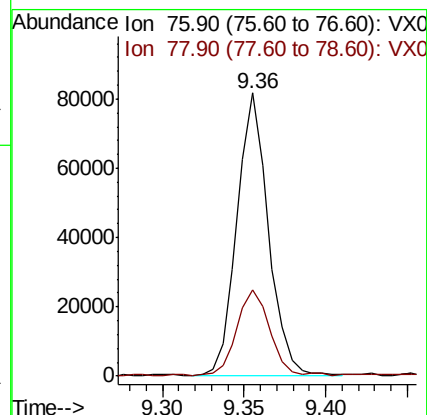
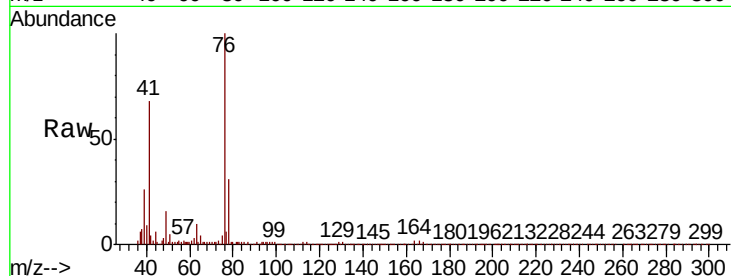
VSTDIC005

Tot Ion: 76 Resp: 108910

Ion Ratio Lower Upper

76 100

78 32.0 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 26.998 ug/l

RT: 8.29 min Scan# 1215

Delta R.T. -0.00 min

Lab File: VX015366.D

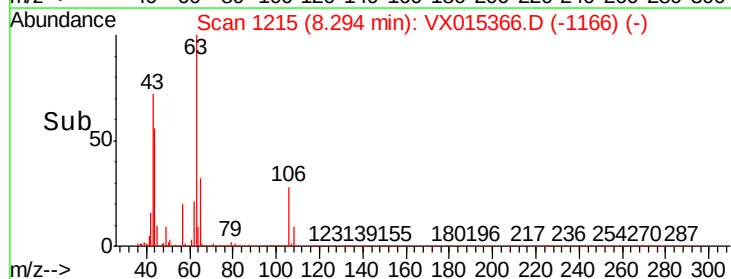
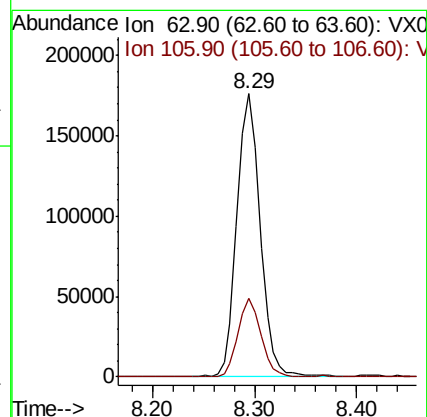
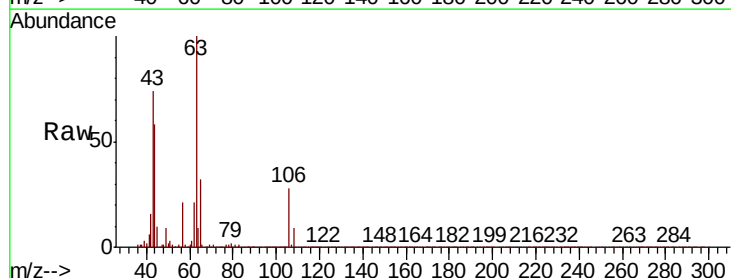
Acq: 26 Mar 2020 19:53

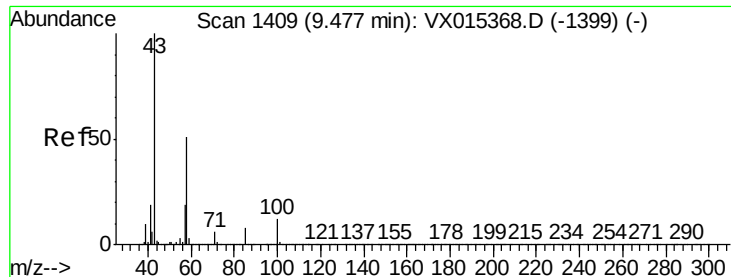
Tgt Ion: 63 Resp: 276751

Ion Ratio Lower Upper

63 100

106 27.6 22.7 34.1

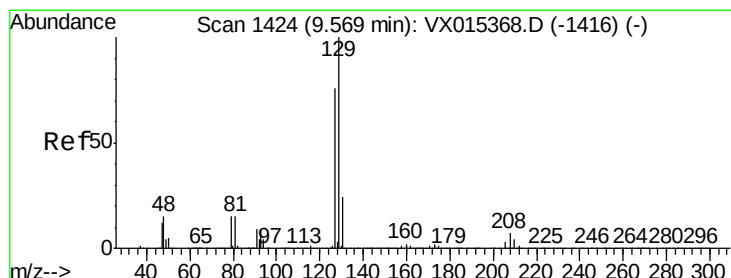
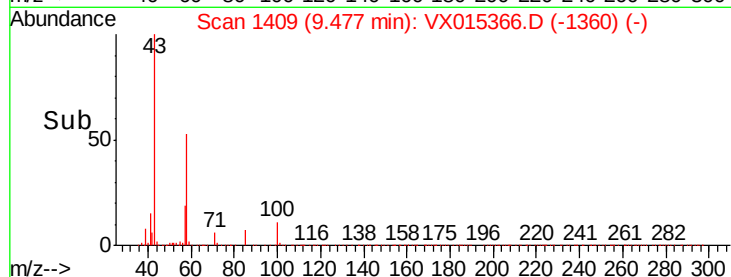
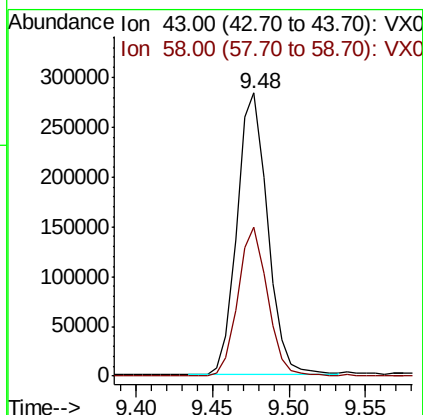
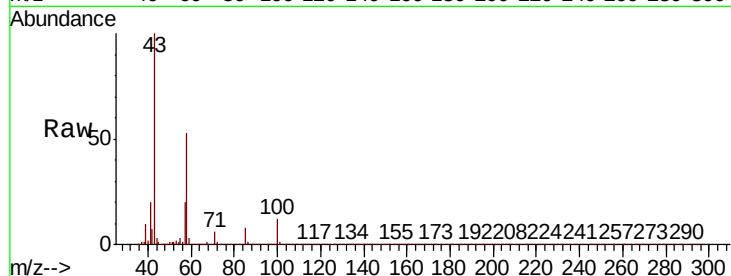




#59
2-Hexanone
Concen: 33.388 ug/l
RT: 9.48 min Scan# 1409
Delta R.T. -0.00 min
Lab File: VX015366.D
Acq: 26 Mar 2020 19:53

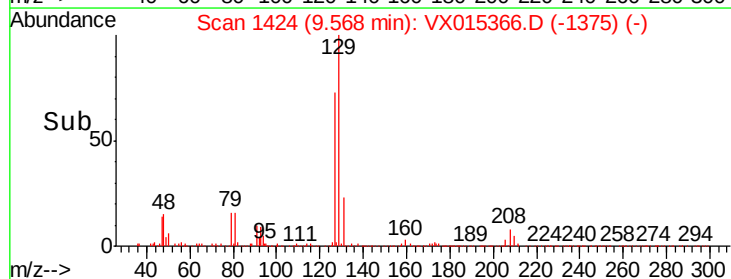
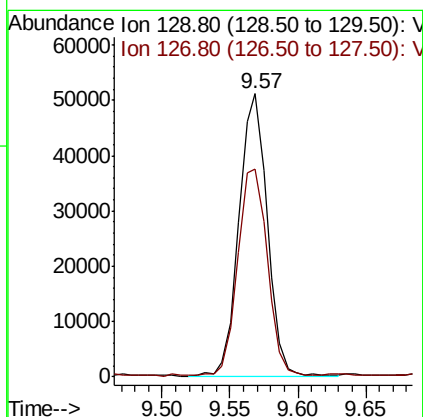
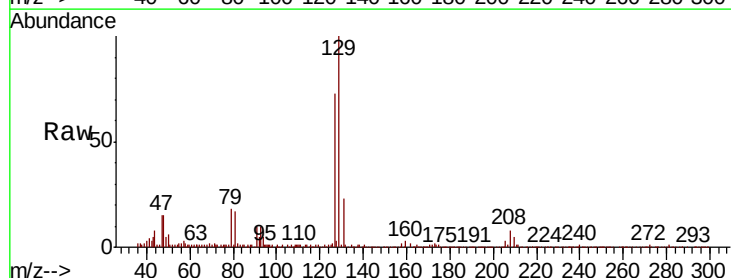
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

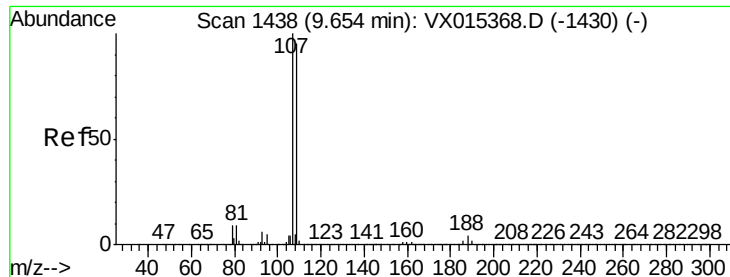
Tot Ion: 43 Resp: 392600
Ion Ratio Lower Upper
43 100
58 51.0 25.6 76.6



#60
Dibromochloromethane
Concen: 5.469 ug/l
RT: 9.57 min Scan# 1424
Delta R.T. -0.00 min
Lab File: VX015366.D
Acq: 26 Mar 2020 19:53

Tgt Ion: 129 Resp: 74145
Ion Ratio Lower Upper
129 100
127 76.2 38.2 114.6





#61

1,2-Dibromoethane

Concen: 4.938 ug/l

RT: 9.65 min Scan# 1438

Delta R.T. -0.00 min

Lab File: VX015366.D

Acq: 26 Mar 2020 19:53

Instrument :

MSVOA_X

ClientSampleId :

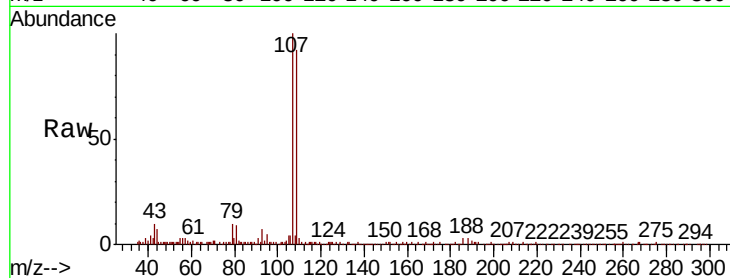
VSTDIC005

Tot Ion:107 Resp: 68174

Ion Ratio Lower Upper

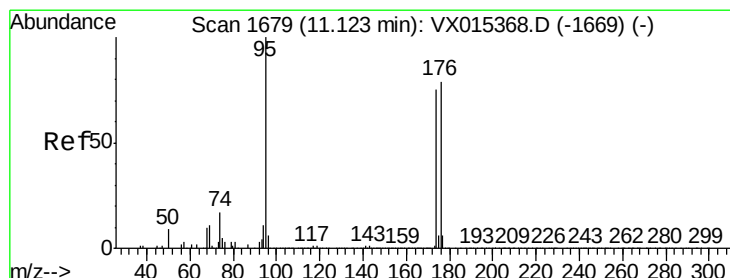
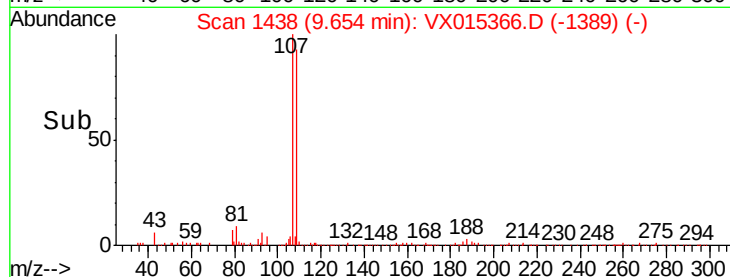
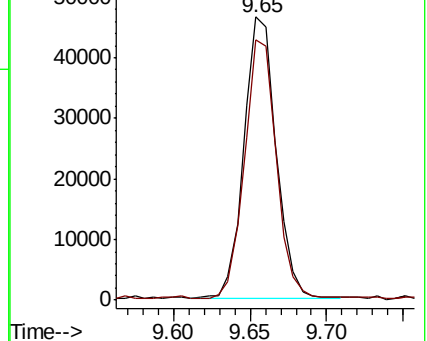
107 100

109 90.1 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: 5.140 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. -0.00 min

Lab File: VX015366.D

Acq: 26 Mar 2020 19:53

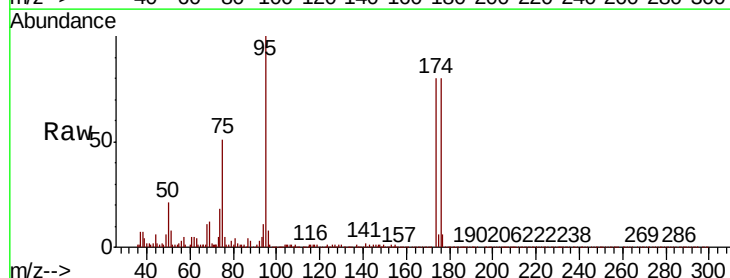
Tgt Ion: 95 Resp: 84992

Ion Ratio Lower Upper

95 100

174 82.3 0.0 158.6

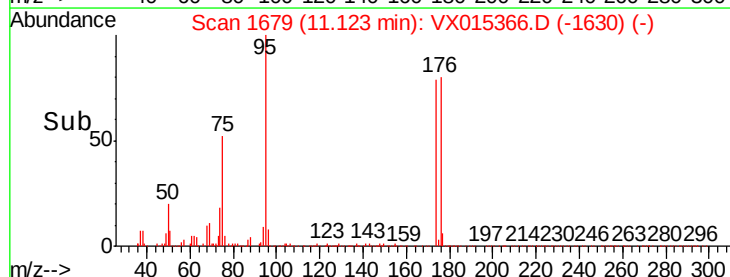
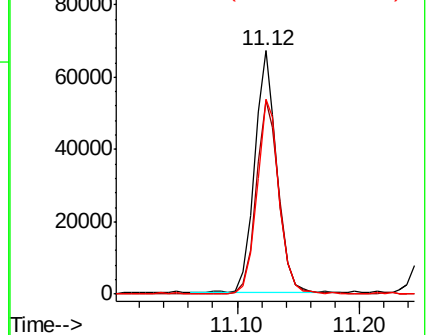
176 79.7 0.0 159.0

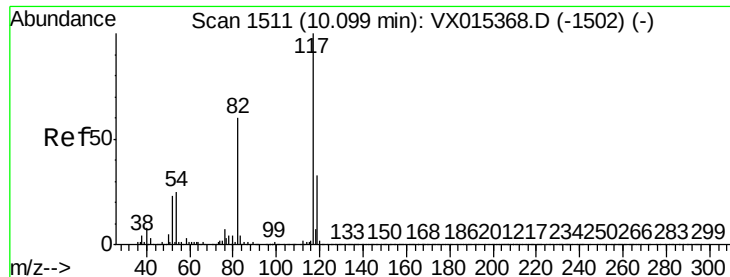


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

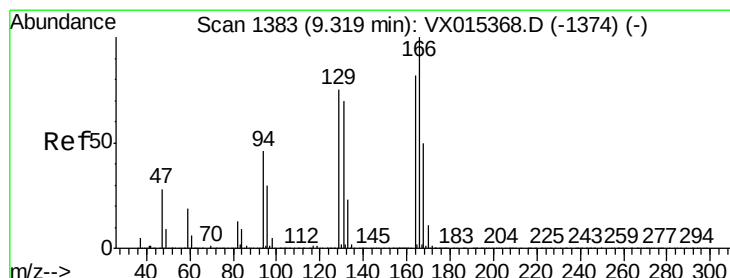
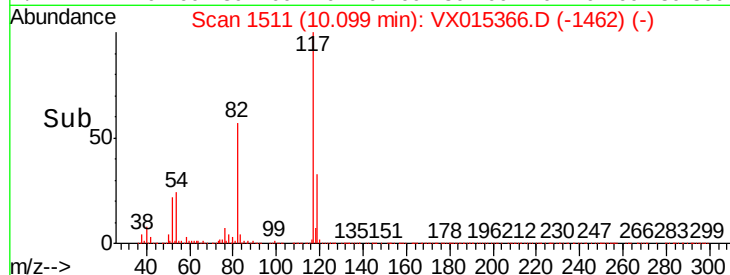
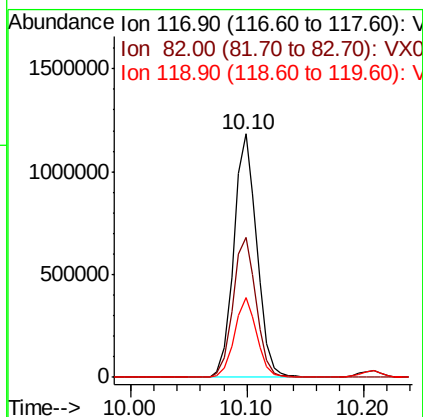
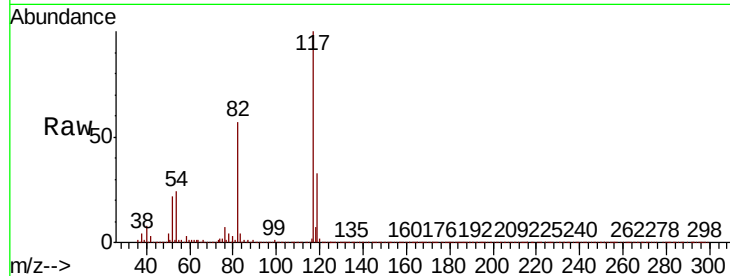




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. -0.00 min
Lab File: VX015366.D
Acq: 26 Mar 2020 19:53

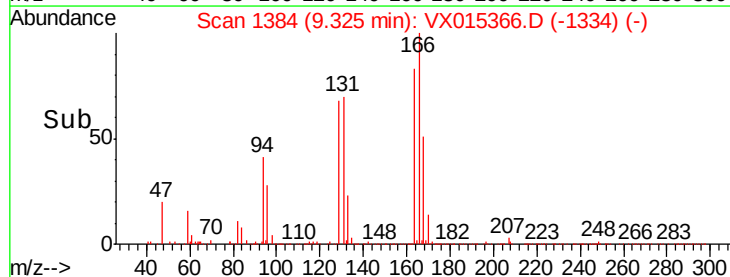
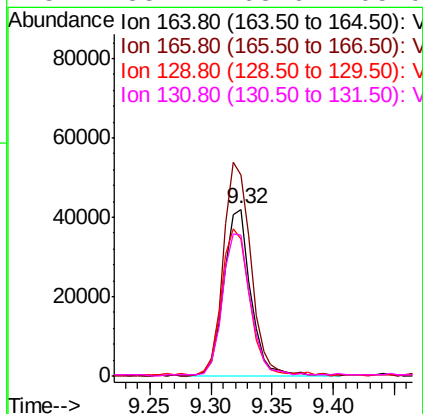
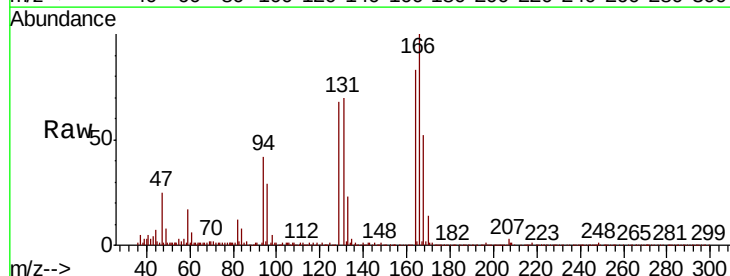
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

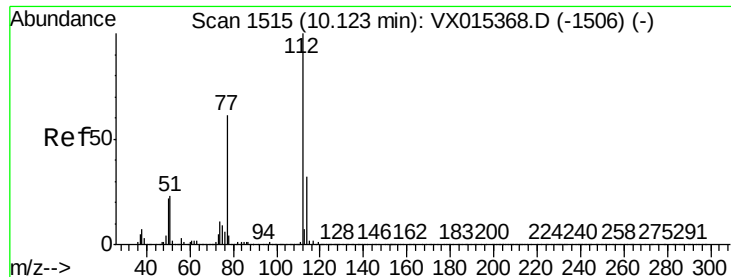
Tot Ion:117 Resp: 1624748
Ion Ratio Lower Upper
117 100
82 57.4 47.8 71.8
119 32.8 26.8 40.2



#64
Tetrachloroethene
Concen: 5.433 ug/l
RT: 9.32 min Scan# 1384
Delta R.T. 0.01 min
Lab File: VX015366.D
Acq: 26 Mar 2020 19:53

Tgt Ion:164 Resp: 63508
Ion Ratio Lower Upper
164 100
166 120.3 97.8 146.6
129 81.6 73.0 109.4
131 83.1 68.6 103.0

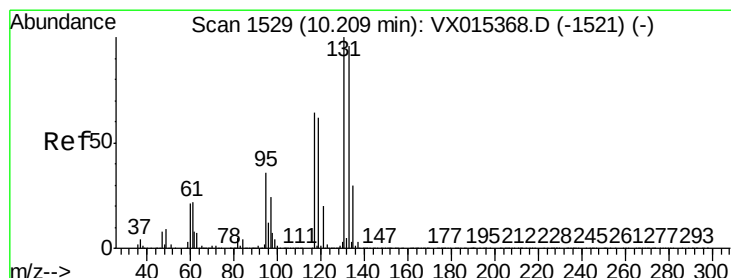
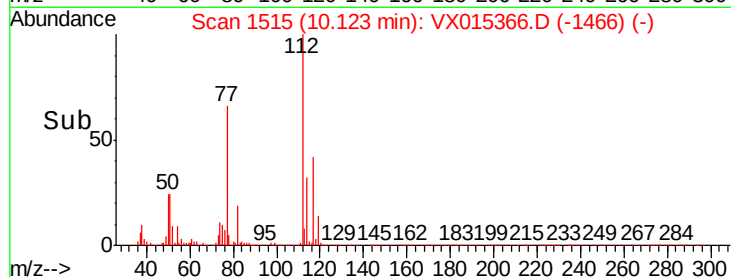
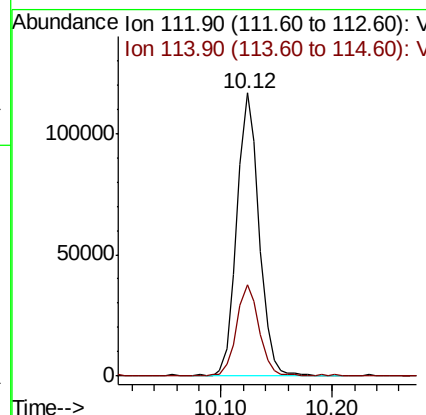
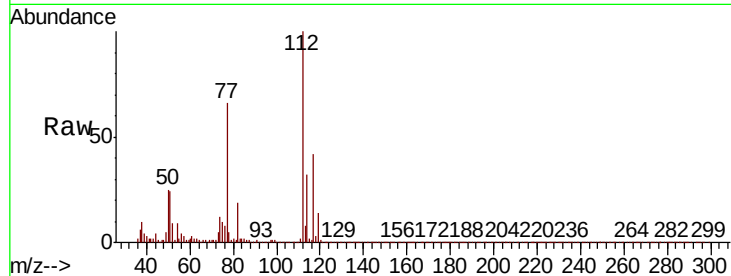




#65
Chlorobenzene
Concen: 4.741 ug/l
RT: 10.12 min Scan# 1515
Delta R.T. -0.00 min
Lab File: VX015366.D
Acq: 26 Mar 2020 19:53

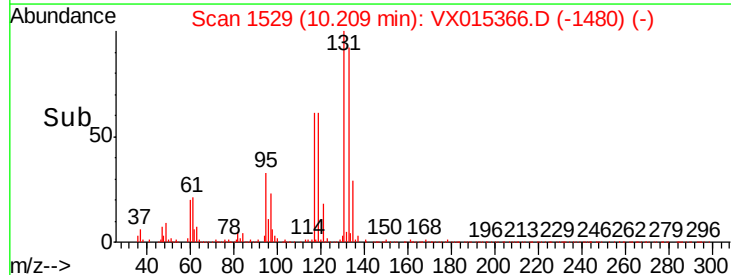
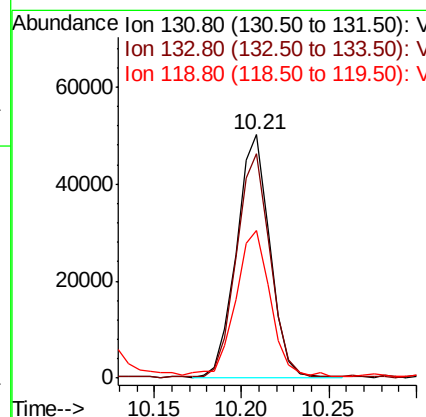
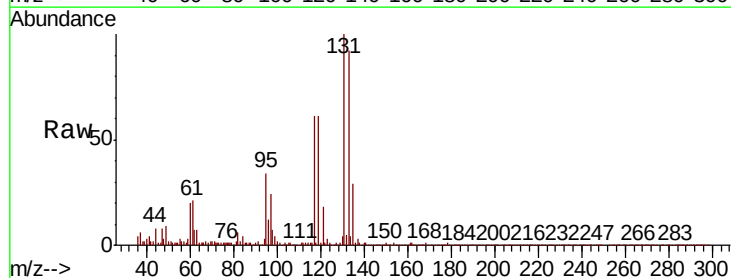
Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

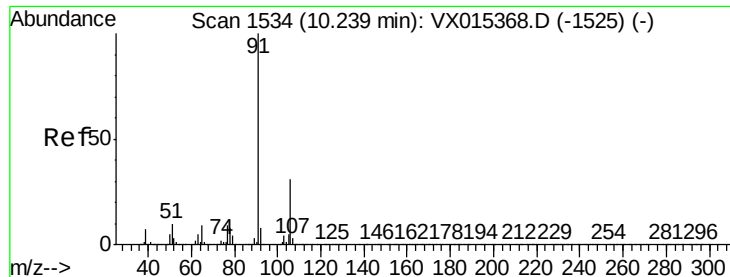
Tot Ion:112 Resp: 160435
Ion Ratio Lower Upper
112 100
114 32.4 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 5.300 ug/l
RT: 10.21 min Scan# 1529
Delta R.T. -0.00 min
Lab File: VX015366.D
Acq: 26 Mar 2020 19:53

Tgt Ion:131 Resp: 66383
Ion Ratio Lower Upper
131 100
133 92.9 47.6 142.9
119 62.7 31.1 93.3





#67

Ethyl Benzene

Concen: 5.211 ug/l

RT: 10.24 min Scan# 1534

Delta R.T. -0.00 min

Lab File: VX015366.D

Acq: 26 Mar 2020 19:53

Instrument :

MSVOA_X

ClientSampleId :

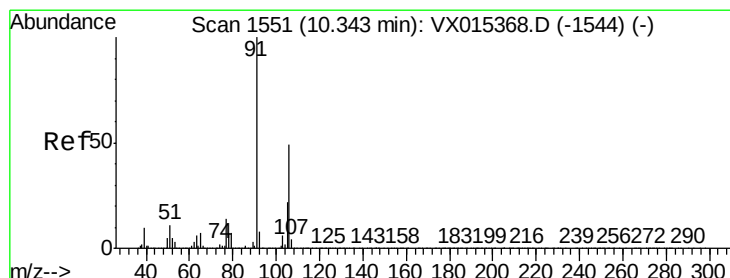
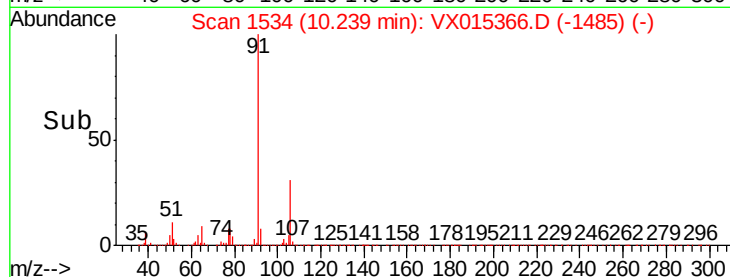
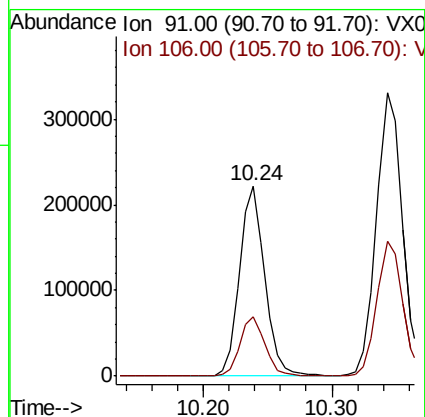
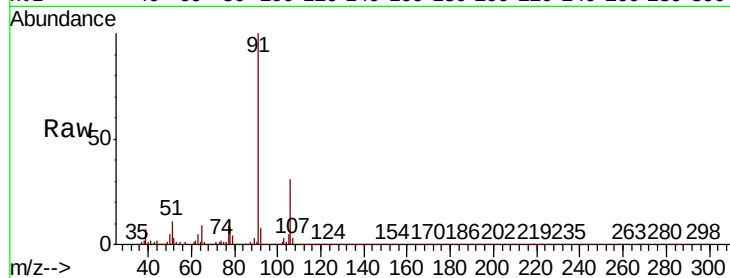
VSTDIC005

Tot Ion: 91 Resp: 299904

Ion Ratio Lower Upper

91 100

106 30.8 24.8 37.2



#68

m/p-Xylenes

Concen: 10.076 ug/l

RT: 10.34 min Scan# 1551

Delta R.T. -0.00 min

Lab File: VX015366.D

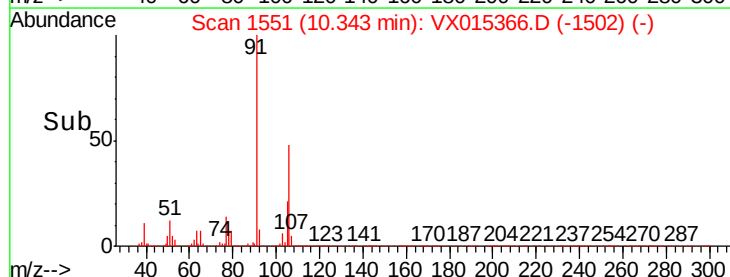
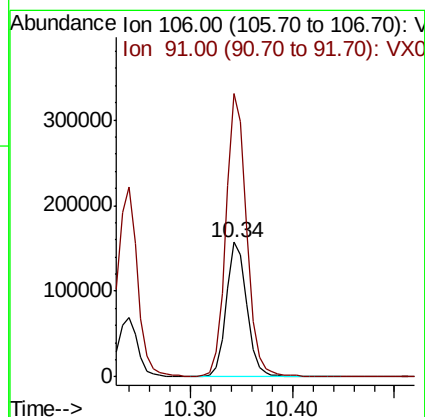
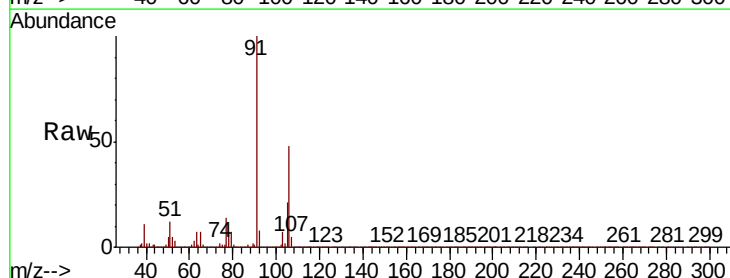
Acq: 26 Mar 2020 19:53

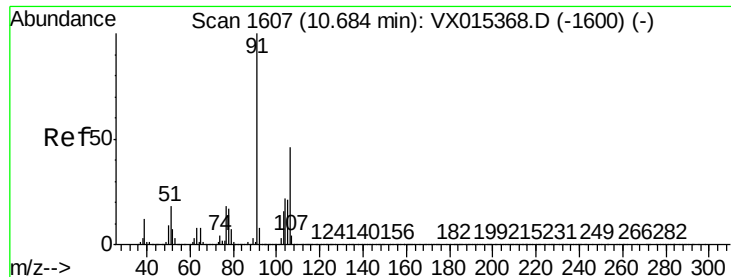
Tgt Ion: 106 Resp: 219634

Ion Ratio Lower Upper

106 100

91 209.8 163.4 245.0

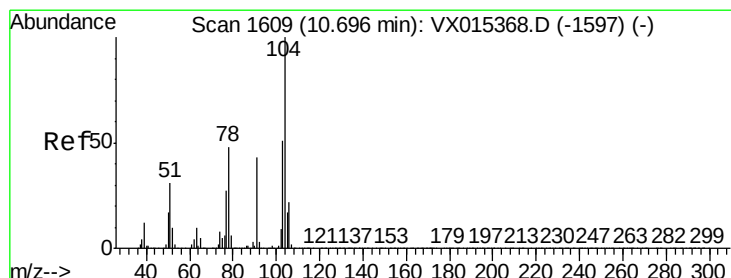
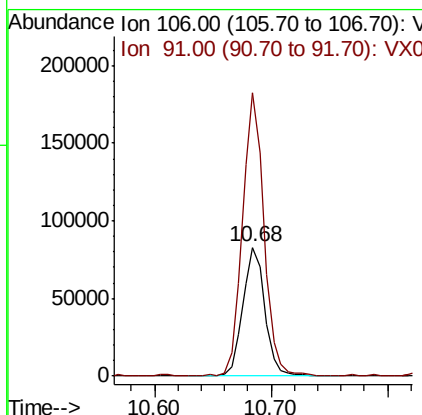
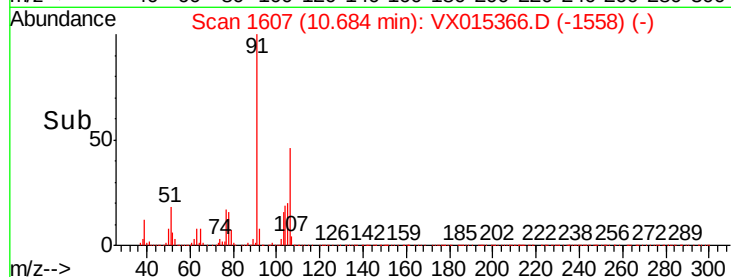
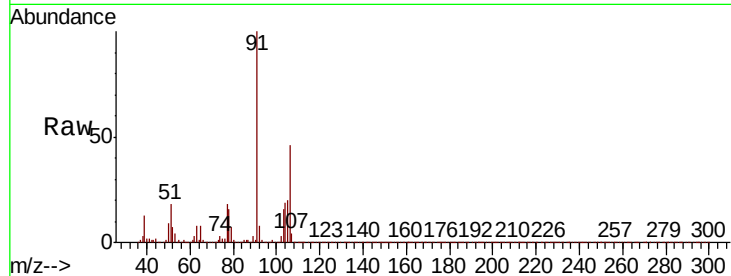




#69
o-Xylene
Concen: 5.150 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. -0.00 min
Lab File: VX015366.D
Acq: 26 Mar 2020 19:53

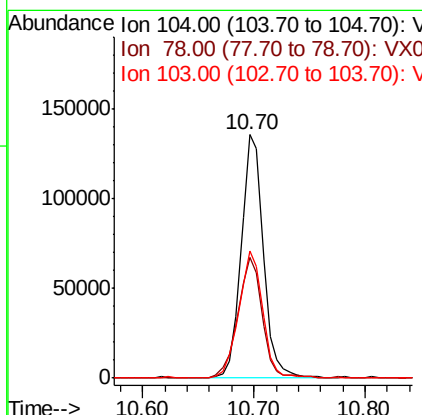
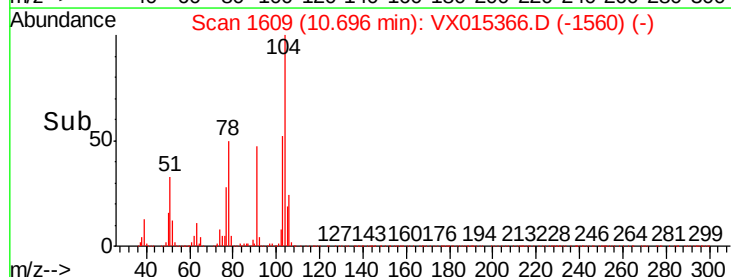
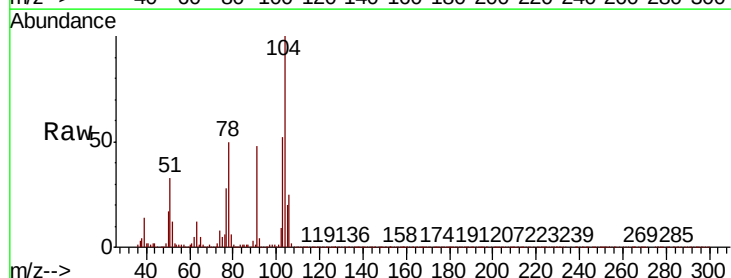
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

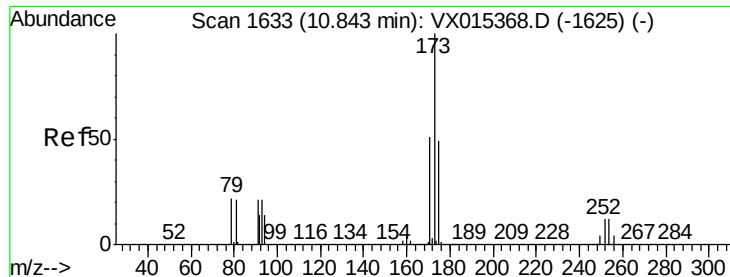
Tot Ion:106 Resp: 109124
Ion Ratio Lower Upper
106 100
91 213.5 107.1 321.3



#70
Styrene
Concen: 5.261 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX015366.D
Acq: 26 Mar 2020 19:53

Tgt Ion:104 Resp: 186270
Ion Ratio Lower Upper
104 100
78 55.3 42.0 63.0
103 56.5 43.4 65.0





#71

Bromoform

Concen: 6.202 ug/l

RT: 10.84 min Scan# 1633

Delta R.T. -0.00 min

Lab File: VX015366.D

Acq: 26 Mar 2020 19:53

Instrument :

MSVOA_X

ClientSampled :

VSTDIC005

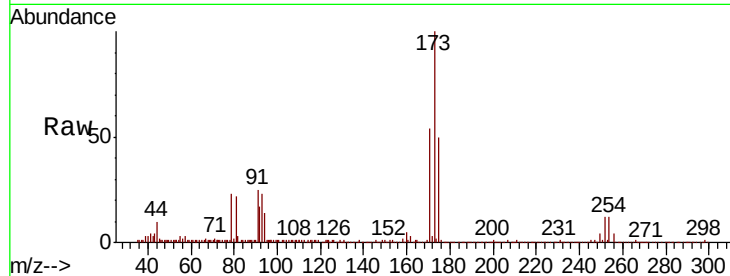
Tot Ion:173 Resp: 53711

Ion Ratio Lower Upper

173 100

175 53.6 23.9 71.7

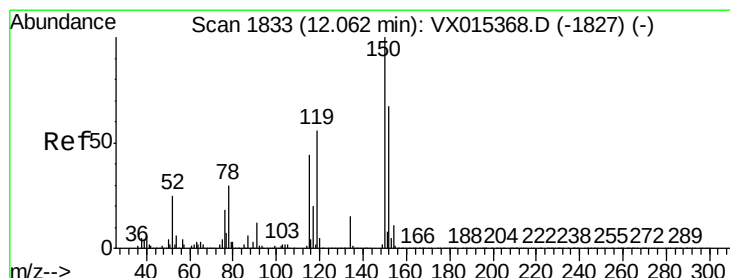
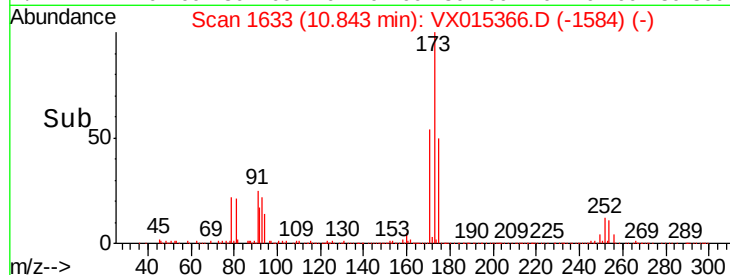
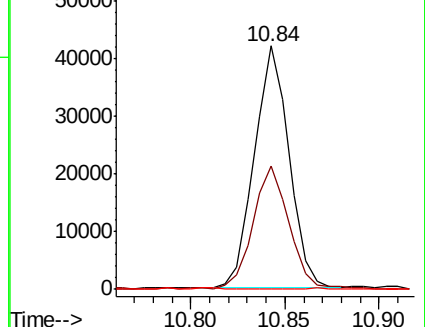
254 0.0 0.1 0.1#



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: 50.000 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX015366.D

Acq: 26 Mar 2020 19:53

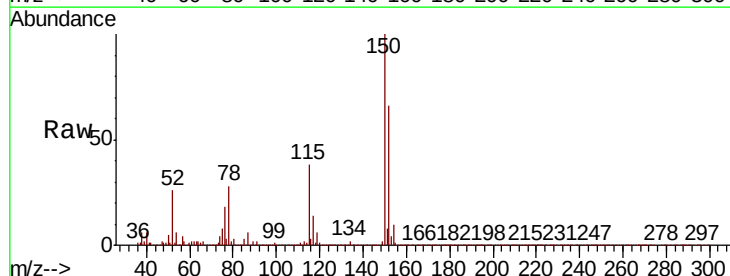
Tgt Ion:152 Resp: 823599

Ion Ratio Lower Upper

152 100

115 61.3 39.0 116.9

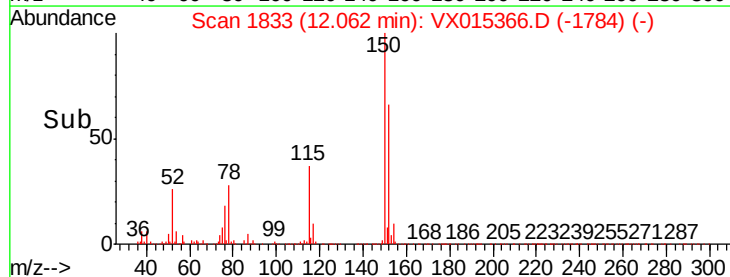
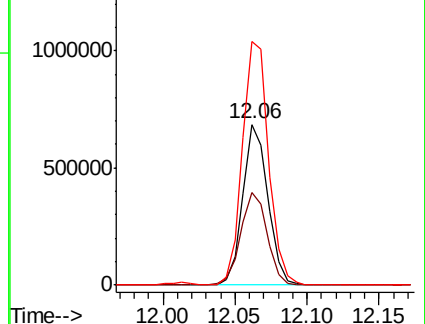
150 158.9 0.0 340.8

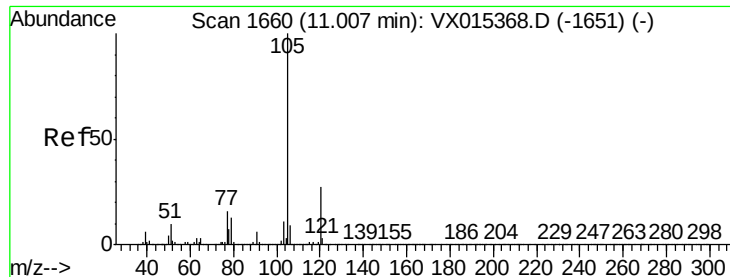


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 4.841 ug/l

RT: 11.01 min Scan# 1660

Delta R.T. -0.00 min

Lab File: VX015366.D

Acq: 26 Mar 2020 19:53

Instrument :

MSVOA_X

ClientSampleId :

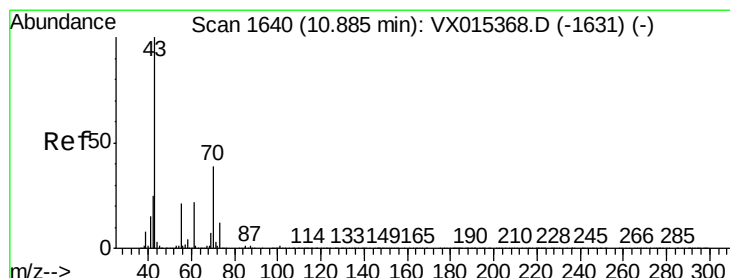
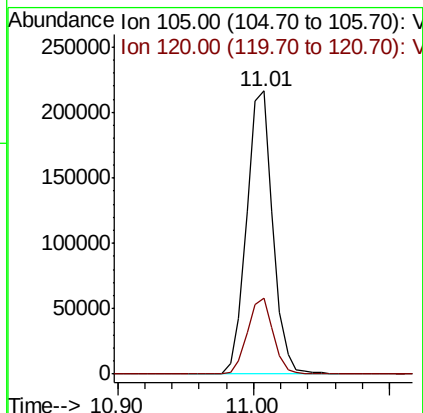
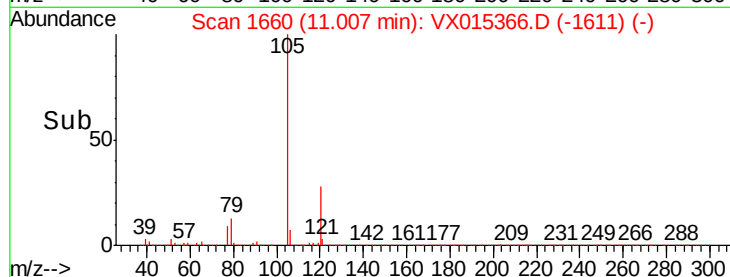
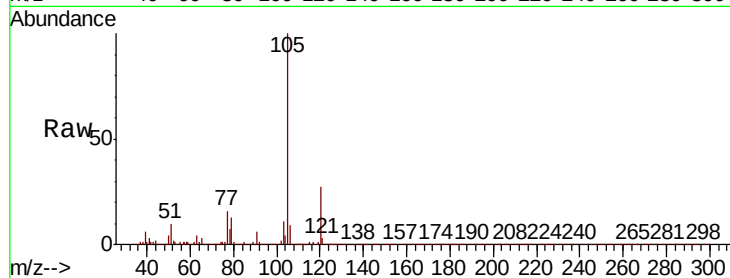
VSTDIC005

Tot Ion:105 Resp: 290598

Ion Ratio Lower Upper

105 100

120 26.9 13.2 39.5



#74

N-ethyl acetate

Concen: 6.884 ug/l

RT: 10.89 min Scan# 1640

Delta R.T. -0.00 min

Lab File: VX015366.D

Acq: 26 Mar 2020 19:53

Tgt Ion: 43 Resp: 156725

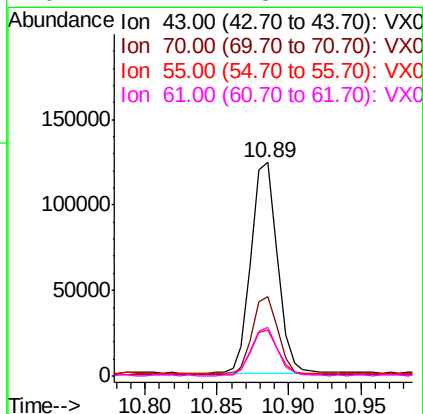
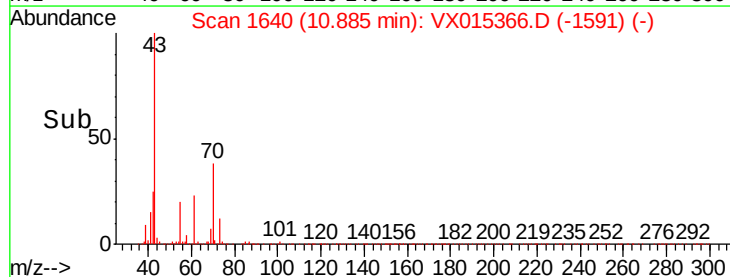
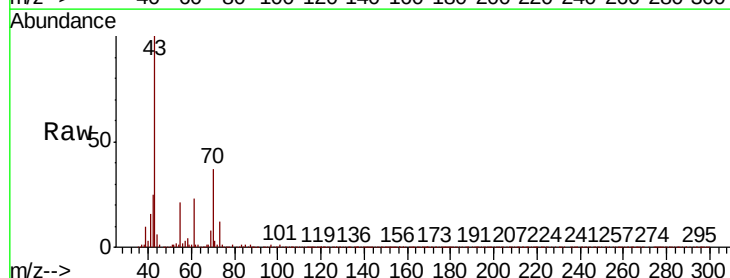
Ion Ratio Lower Upper

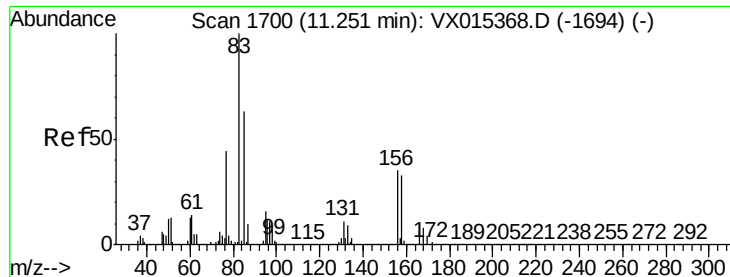
43 100

70 36.8 30.2 45.4

55 21.0 16.8 25.2

61 22.7 18.2 27.2





#75

1,1,2,2-Tetrachloroethane

Concen: 5.084 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX015366.D

Acq: 26 Mar 2020 19:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

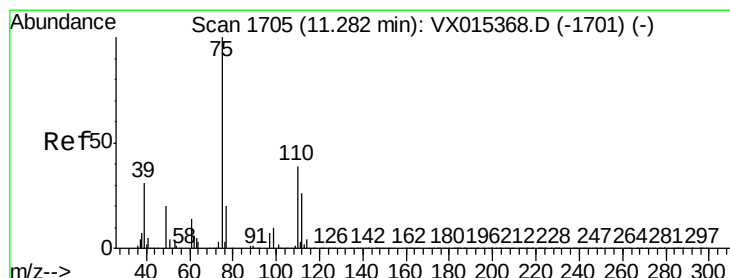
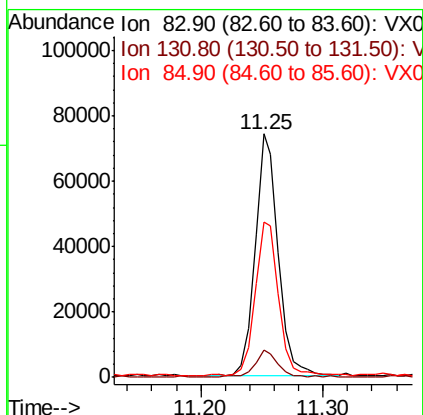
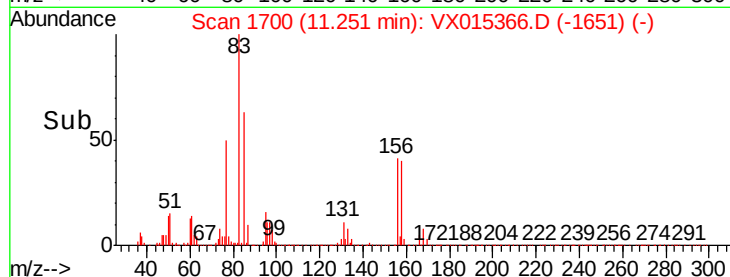
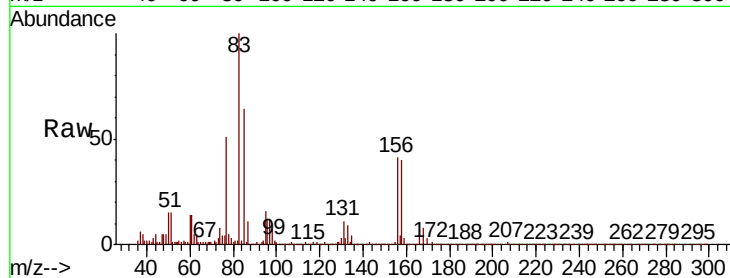
Tot Ion: 83 Resp: 97593

Ion Ratio Lower Upper

83 100

131 11.2 5.3 16.1

85 64.7 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 6.542 ug/l

RT: 11.28 min Scan# 1705

Delta R.T. -0.00 min

Lab File: VX015366.D

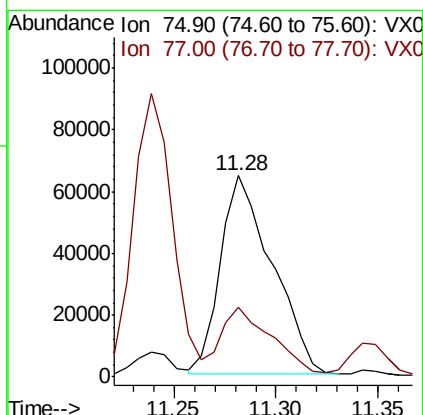
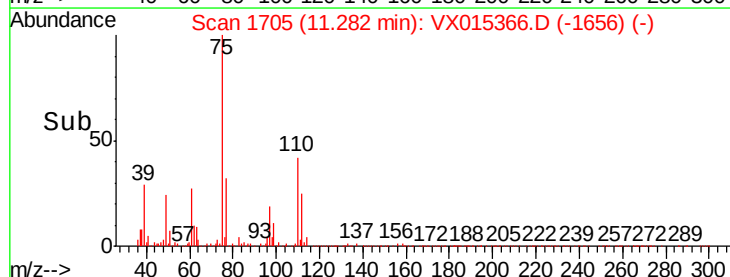
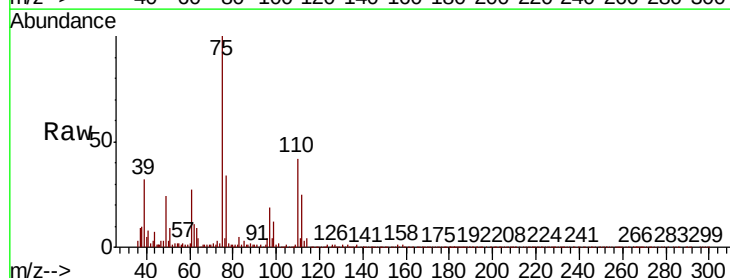
Acq: 26 Mar 2020 19:53

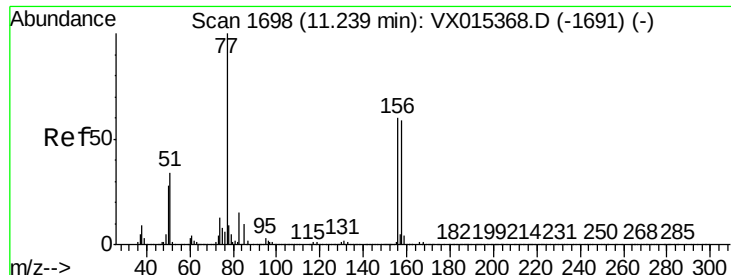
Tgt Ion: 75 Resp: 113408

Ion Ratio Lower Upper

75 100

77 33.3 21.2 63.6





#77

Bromobenzene

Concen: 5.269 ug/l

RT: 11.24 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX015366.D

Acq: 26 Mar 2020 19:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

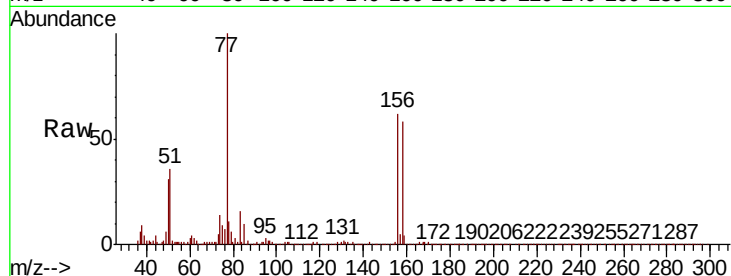
Tot Ion:156 Resp: 75839

Ion Ratio Lower Upper

156 100

77 160.7 82.2 246.5

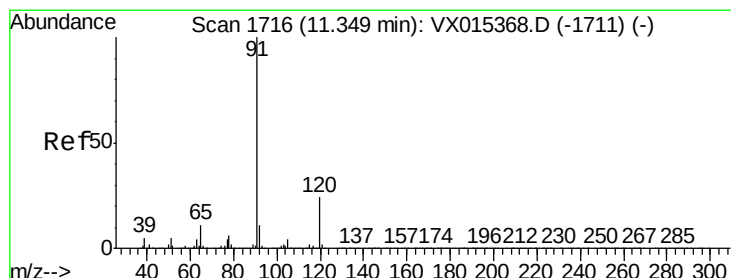
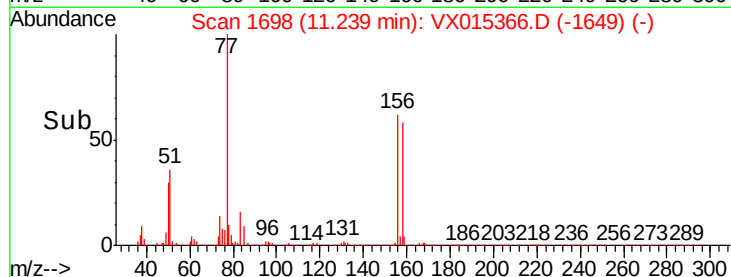
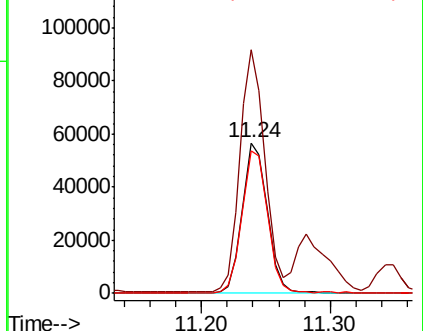
158 97.7 49.3 147.9



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: 4.913 ug/l

RT: 11.34 min Scan# 1715

Delta R.T. -0.01 min

Lab File: VX015366.D

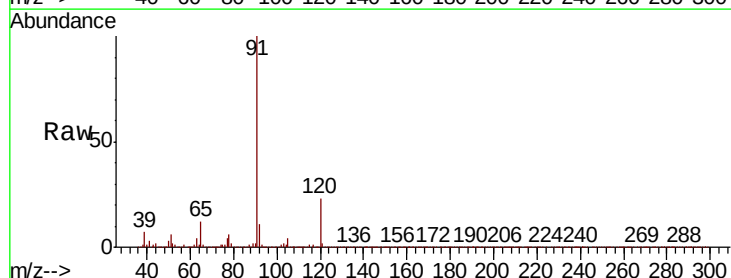
Acq: 26 Mar 2020 19:53

Tgt Ion: 91 Resp: 331273

Ion Ratio Lower Upper

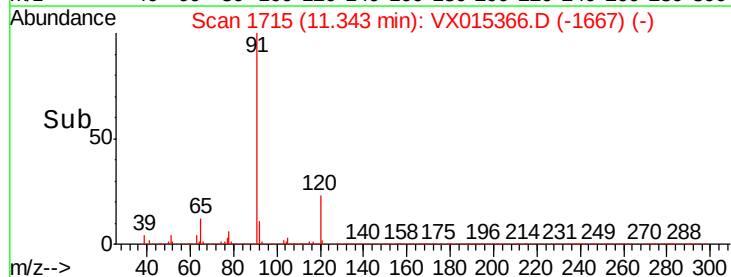
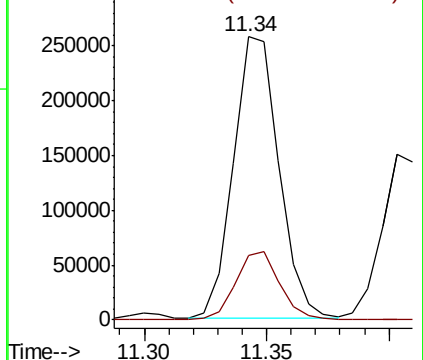
91 100

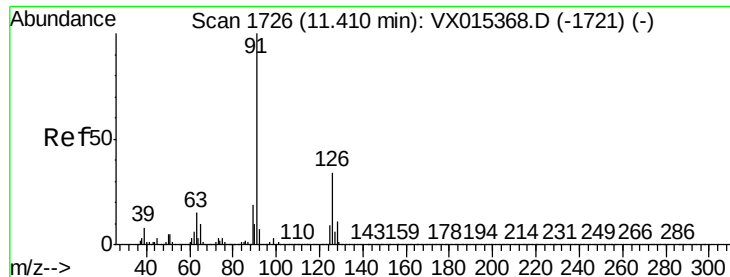
120 23.7 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

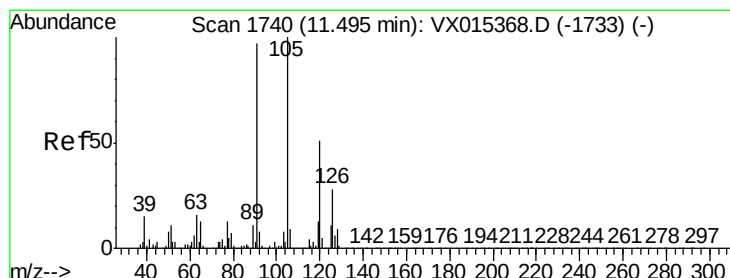
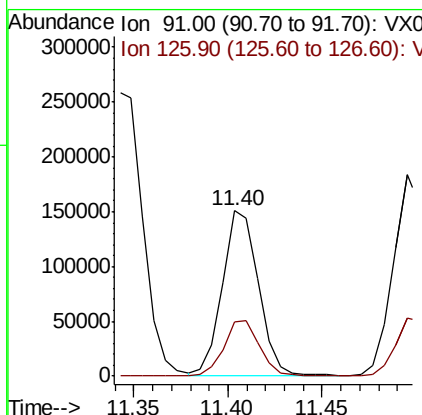
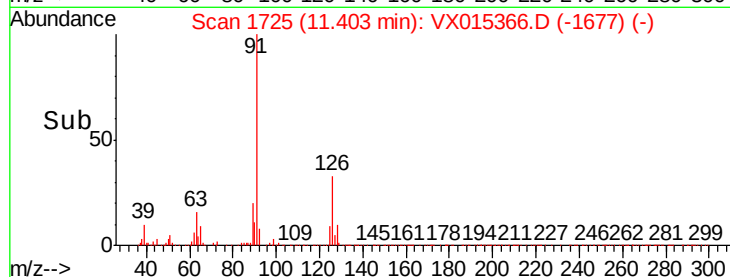
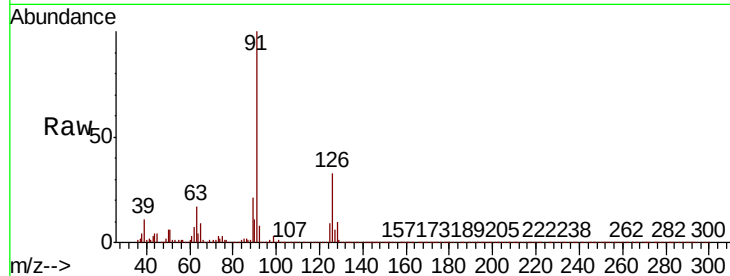




#79
 2-Chlorotoluene
 Concen: 4.815 ug/l
 RT: 11.40 min Scan# 1725
 Delta R.T. -0.01 min
 Lab File: VX015366.D
 Acq: 26 Mar 2020 19:53

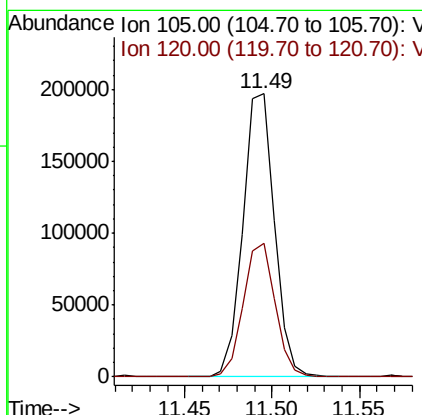
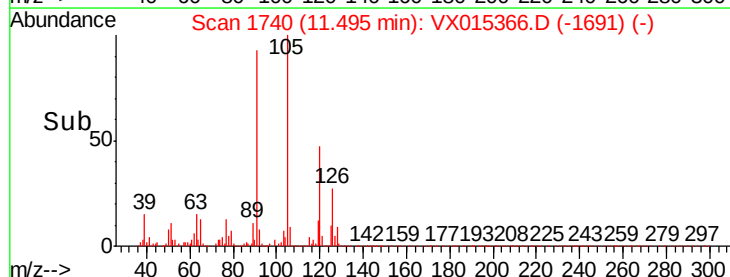
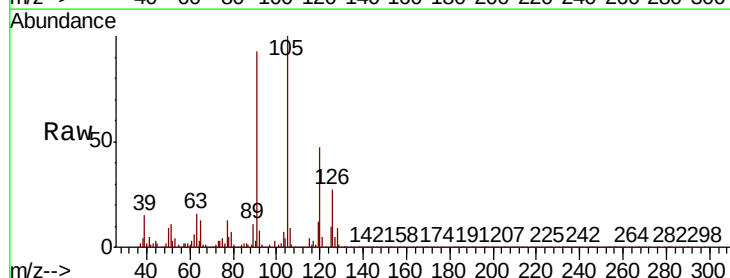
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

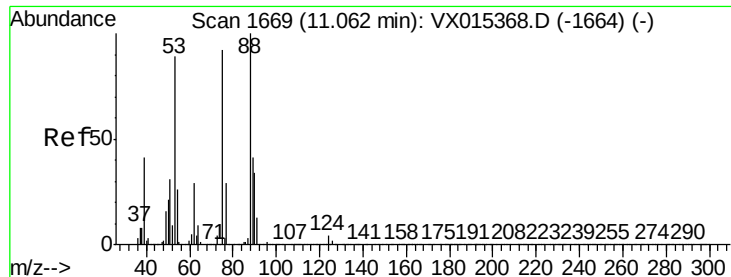
Tot Ion: 91 Resp: 197653
 Ion Ratio Lower Upper
 91 100
 126 33.2 16.5 49.5



#80
 1,3,5-Trimethylbenzene
 Concen: 5.101 ug/l
 RT: 11.49 min Scan# 1740
 Delta R.T. -0.00 min
 Lab File: VX015366.D
 Acq: 26 Mar 2020 19:53

Tgt Ion: 105 Resp: 247370
 Ion Ratio Lower Upper
 105 100
 120 47.7 24.8 74.4





#81

trans-1,4-Dichloro-2-butene

Concen: 5.401 ug/l

RT: 11.06 min Scan# 1669

Delta R.T. -0.00 min

Lab File: VX015366.D

Acq: 26 Mar 2020 19:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

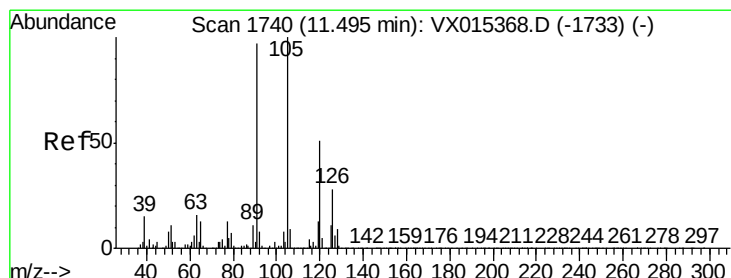
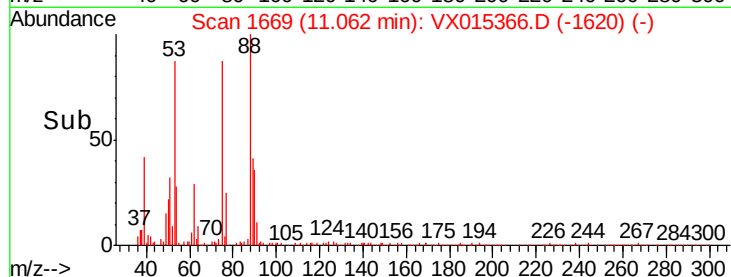
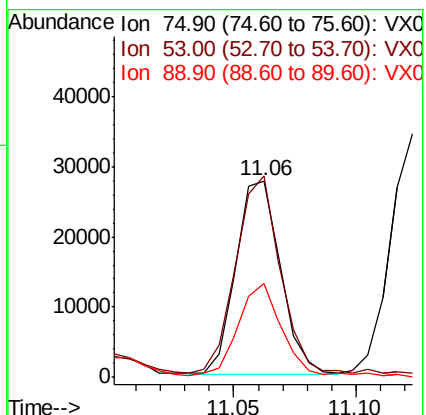
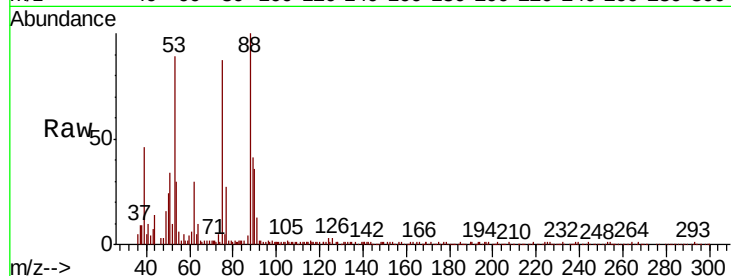
Tot Ion: 75 Resp: 35042

Ion Ratio Lower Upper

75 100

53 101.1 80.1 120.1

89 50.0 36.1 54.1



#82

4-Chlorotoluene

Concen: 4.968 ug/l

RT: 11.49 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VX015366.D

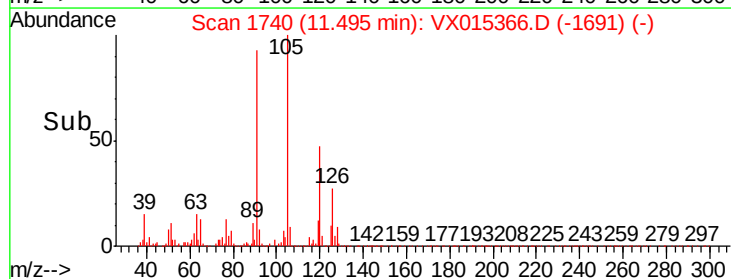
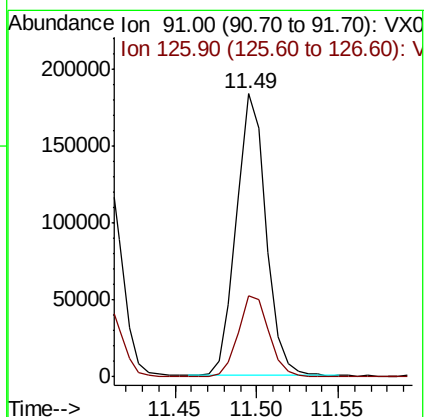
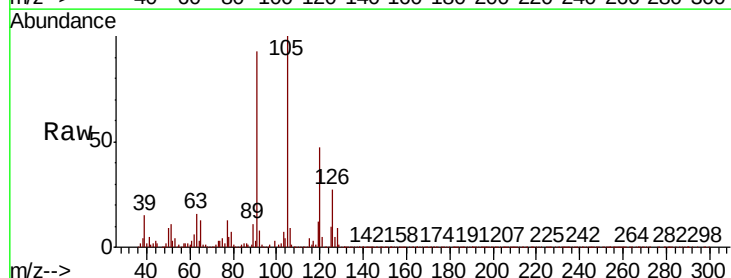
Acq: 26 Mar 2020 19:53

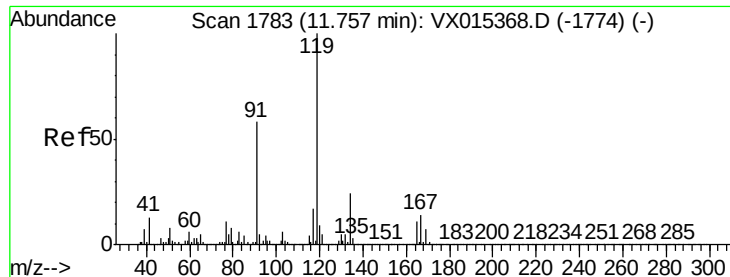
Tgt Ion: 91 Resp: 231551

Ion Ratio Lower Upper

91 100

126 29.8 14.7 44.1

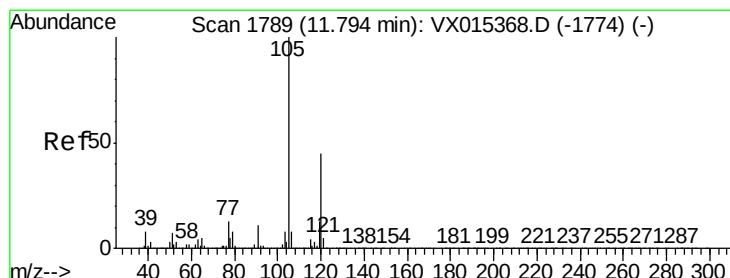
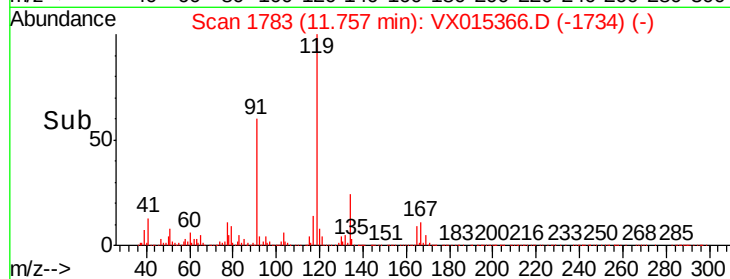
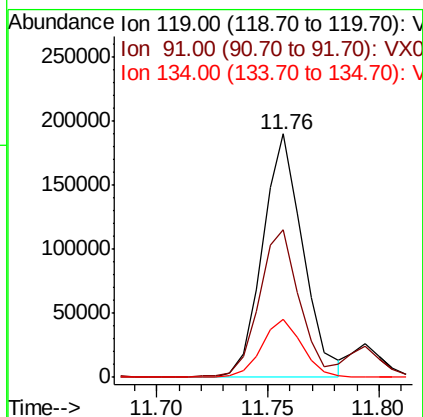
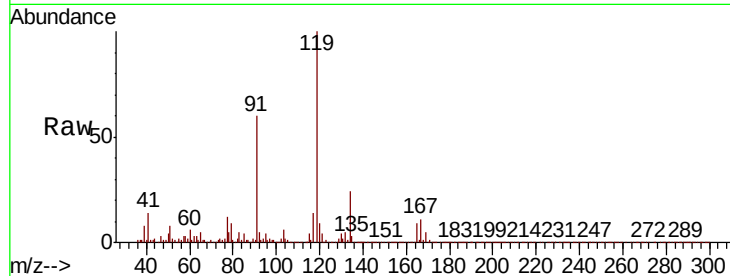




#83
tert-Butylbenzene
Concen: 4.986 ug/l
RT: 11.76 min Scan# 1783
Delta R.T. -0.00 min
Lab File: VX015366.D
Acq: 26 Mar 2020 19:53

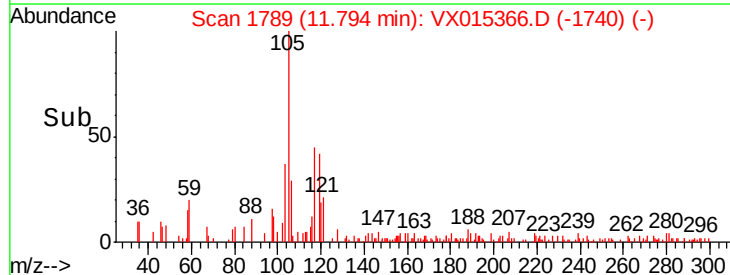
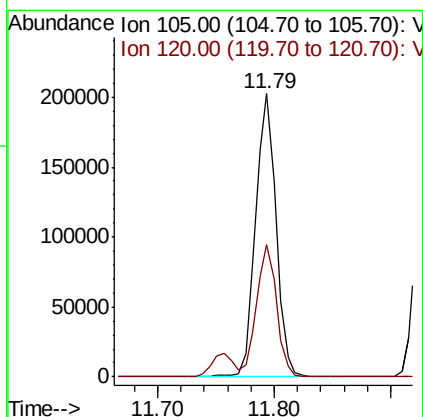
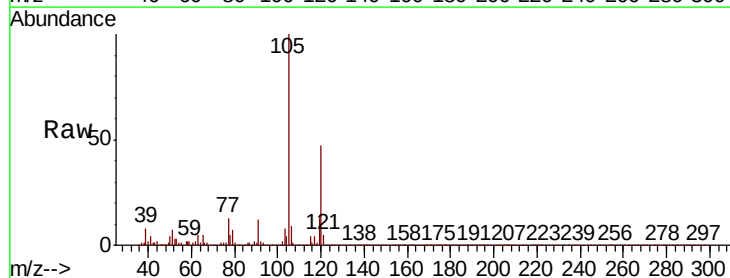
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

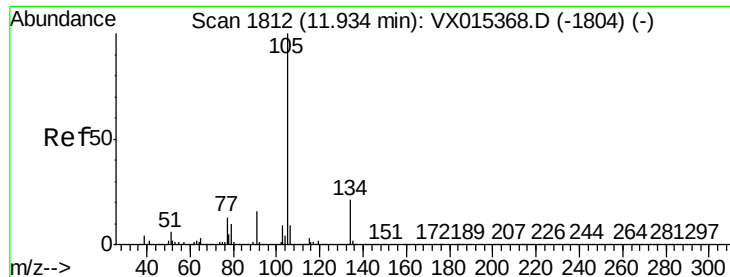
Tot Ion	Ratio	Lower	Upper
119	100		
91	61.6	28.6	85.8
134	23.6	11.8	35.3



#84
1,2,4-Trimethylbenzene
Concen: 4.961 ug/l
RT: 11.79 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VX015366.D
Acq: 26 Mar 2020 19:53

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.8	22.7	68.1





#85

sec-Butylbenzene

Concen: 4.938 ug/l

RT: 11.93 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VX015366.D

Acq: 26 Mar 2020 19:53

Instrument :

MSVOA_X

ClientSampleId :

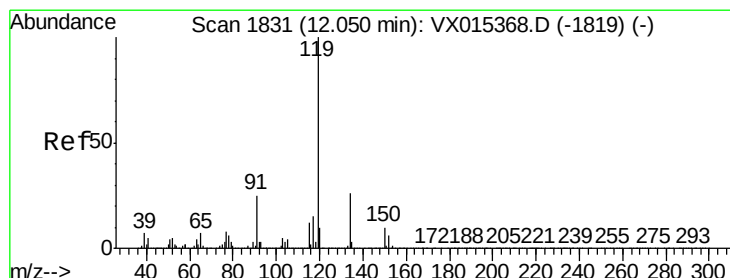
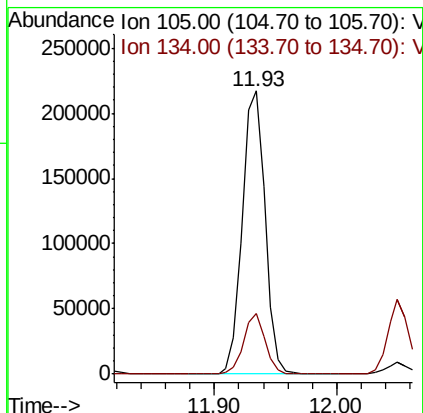
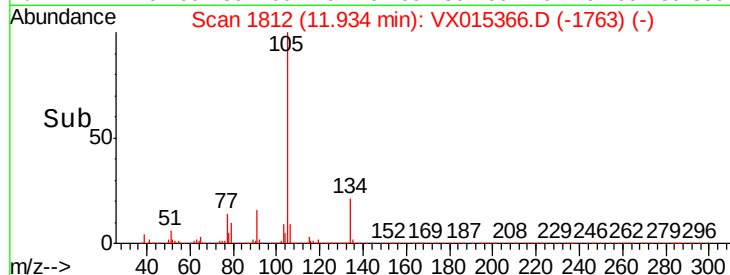
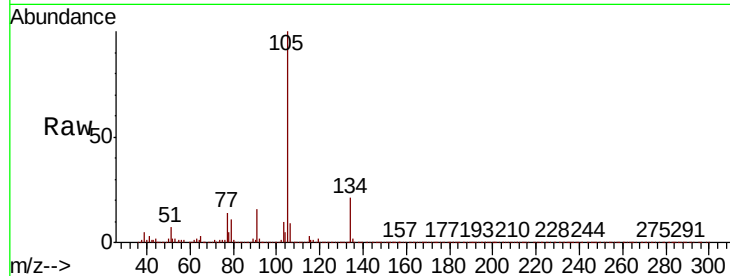
VSTDIC005

Tot Ion:105 Resp: 278462

Ion Ratio Lower Upper

105 100

134 20.3 10.4 31.1



#86

p-Isopropyltoluene

Concen: 5.080 ug/l

RT: 12.05 min Scan# 1831

Delta R.T. -0.00 min

Lab File: VX015366.D

Acq: 26 Mar 2020 19:53

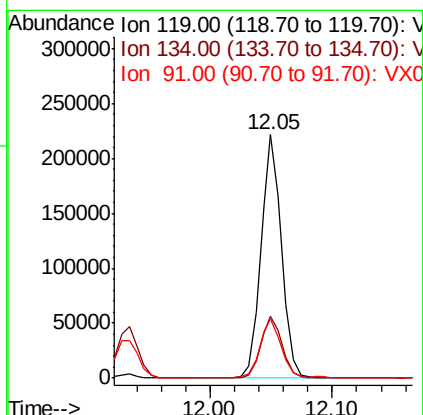
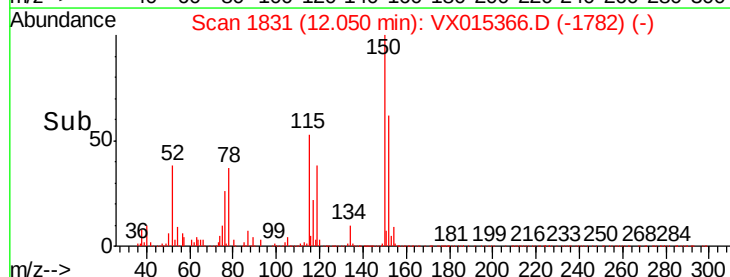
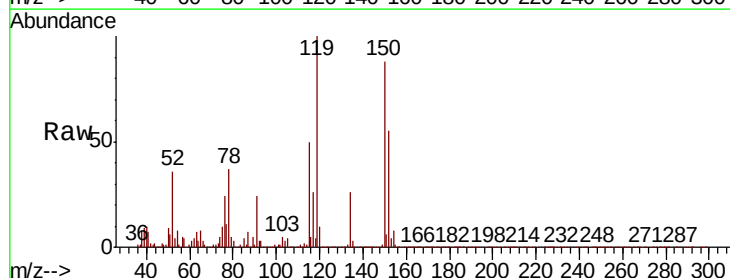
Tgt Ion:119 Resp: 257271

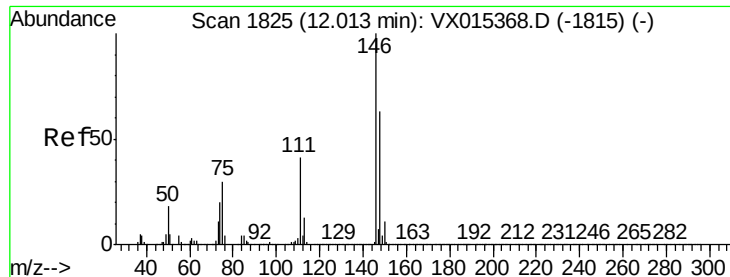
Ion Ratio Lower Upper

119 100

134 26.2 13.1 39.3

91 25.2 12.4 37.4

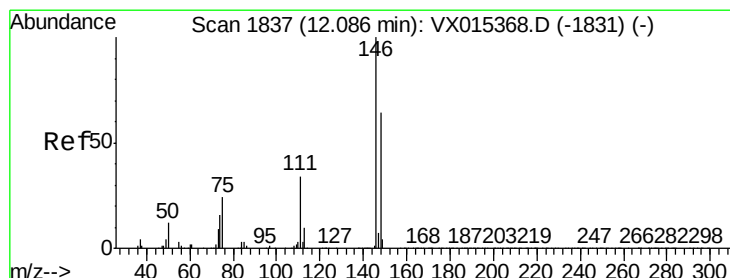
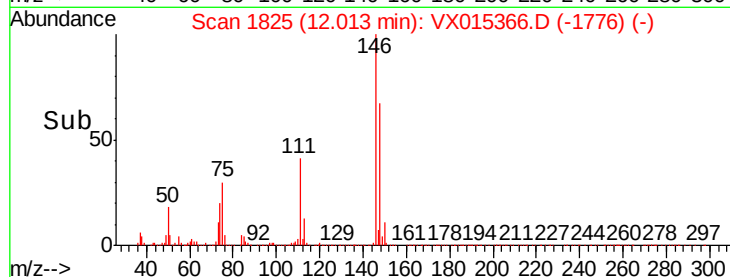
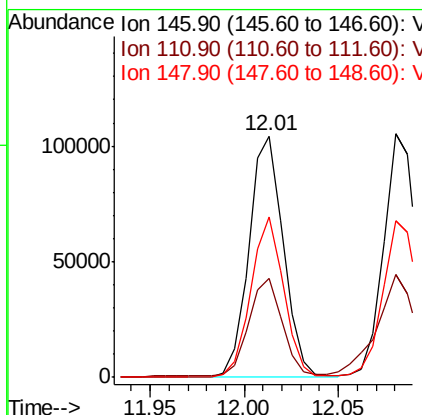
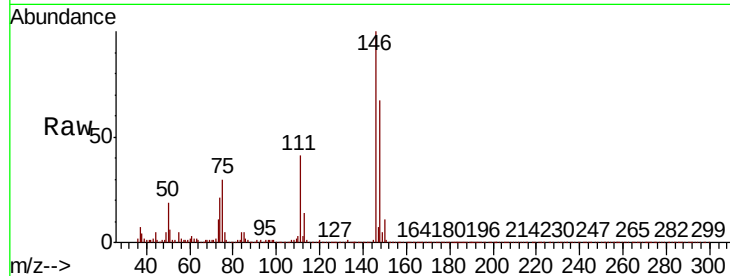




#87
 1,3-Dichlorobenzene
 Concen: 4.878 ug/l
 RT: 12.01 min Scan# 1825
 Delta R.T. -0.00 min
 Lab File: VX015366.D
 Acq: 26 Mar 2020 19:53

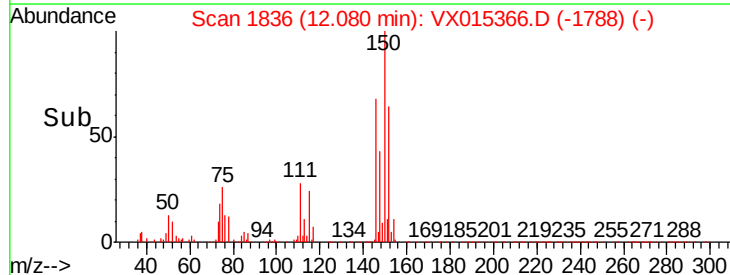
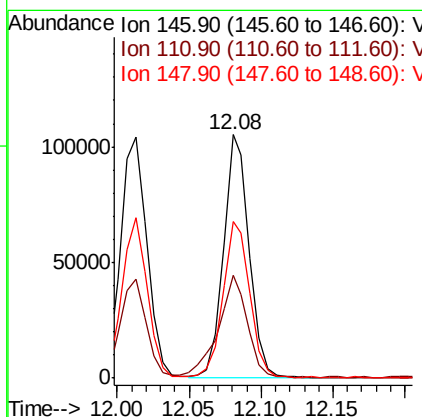
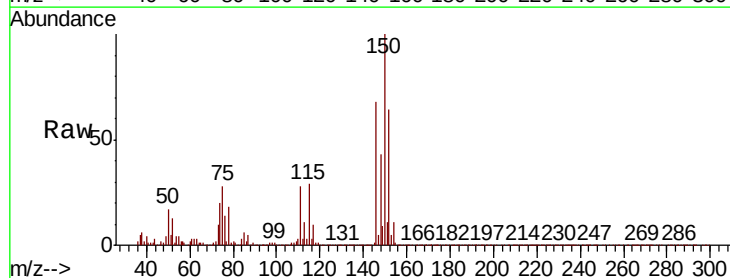
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

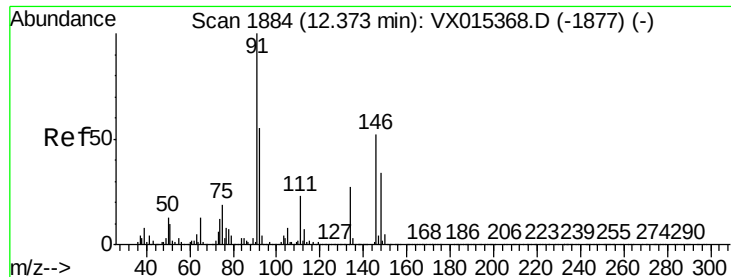
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.5	20.3	60.9
148	63.8	31.3	93.9



#88
 1,4-Dichlorobenzene
 Concen: 4.644 ug/l
 RT: 12.08 min Scan# 1836
 Delta R.T. -0.01 min
 Lab File: VX015366.D
 Acq: 26 Mar 2020 19:53

Tgt Ion	Ratio	Lower	Upper
146	100		
111	47.3	19.1	57.5
148	67.4	32.4	97.2

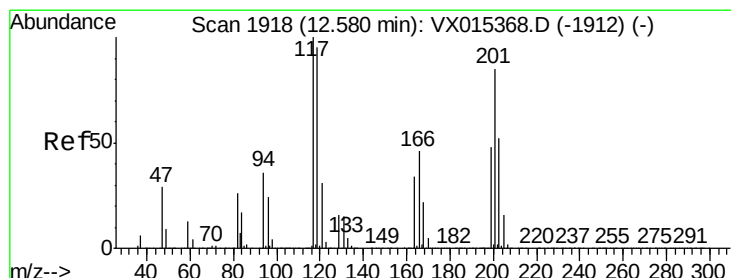
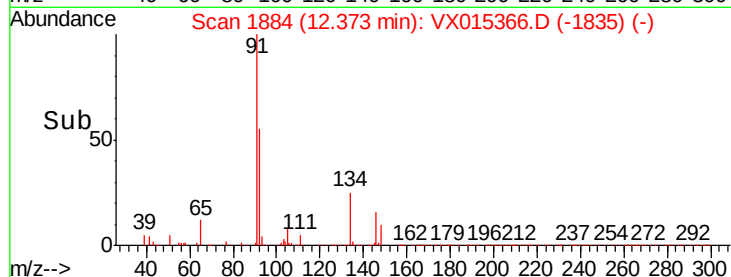
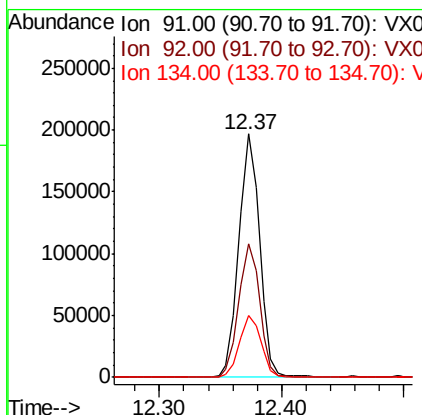
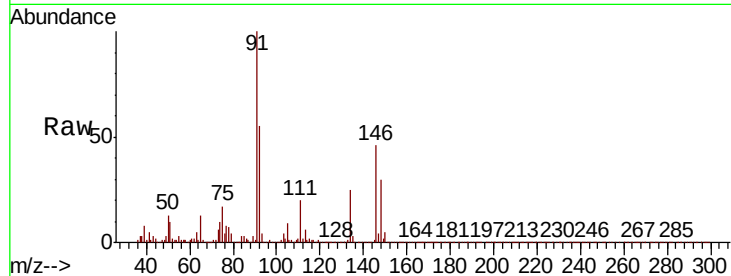




#89
n-Butylbenzene
Concen: 4.806 ug/l
RT: 12.37 min Scan# 1884
Delta R.T. -0.00 min
Lab File: VX015366.D
Acq: 26 Mar 2020 19:53

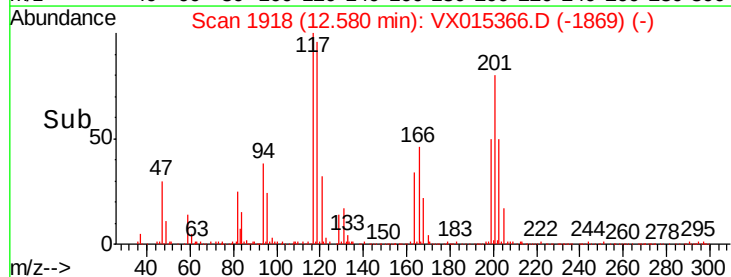
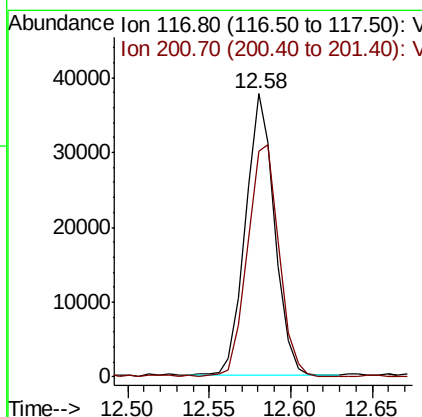
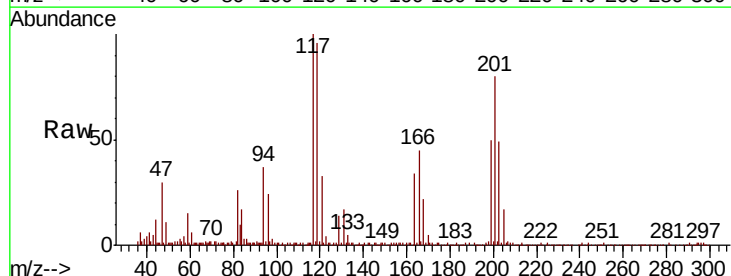
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

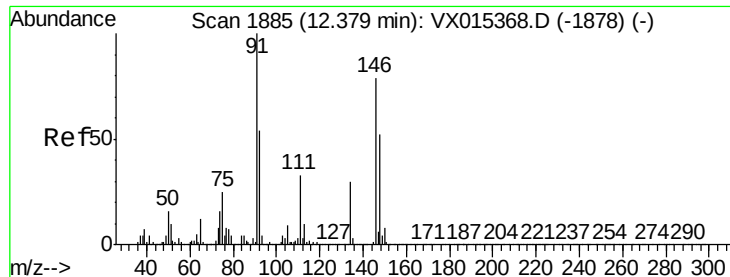
Tot Ion: 91 Resp: 228981
Ion Ratio Lower Upper
91 100
92 56.5 27.2 81.5
134 26.3 13.4 40.2



#90
Hexachloroethane
Concen: 4.702 ug/l
RT: 12.58 min Scan# 1918
Delta R.T. -0.00 min
Lab File: VX015366.D
Acq: 26 Mar 2020 19:53

Tgt Ion: 117 Resp: 46767
Ion Ratio Lower Upper
117 100
201 89.9 42.6 128.0





#91

1,2-Dichlorobenzene

Concen: 4.774 ug/l

RT: 12.38 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX015366.D

Acq: 26 Mar 2020 19:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

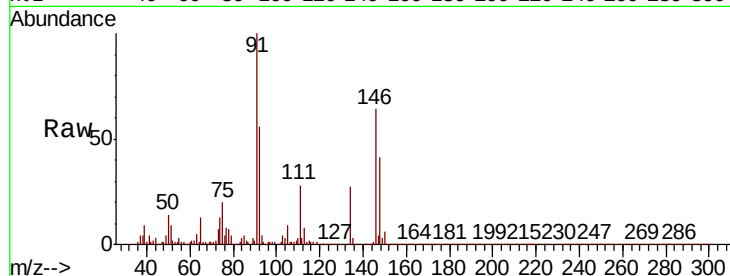
Tot Ion:146 Resp: 129065

Ion Ratio Lower Upper

146 100

111 41.9 21.0 63.0

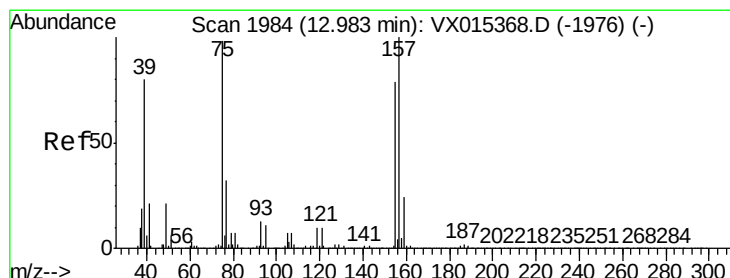
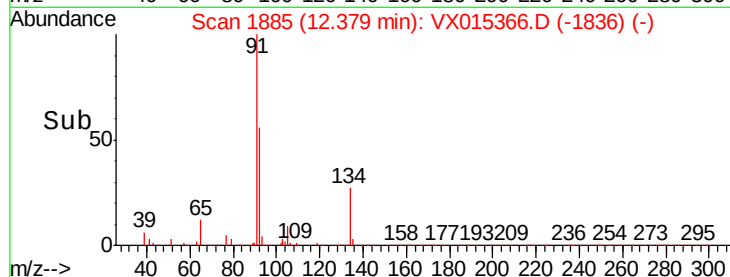
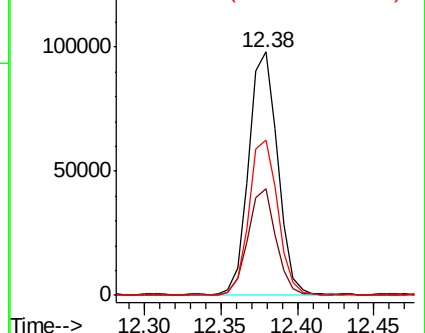
148 64.3 32.4 97.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 5.928 ug/l

RT: 12.98 min Scan# 1984

Delta R.T. -0.00 min

Lab File: VX015366.D

Acq: 26 Mar 2020 19:53

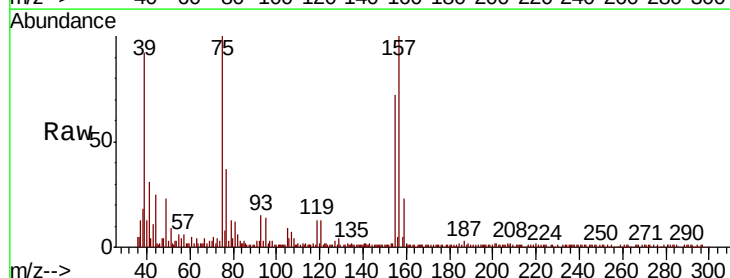
Tgt Ion: 75 Resp: 25523

Ion Ratio Lower Upper

75 100

155 83.5 42.8 128.4

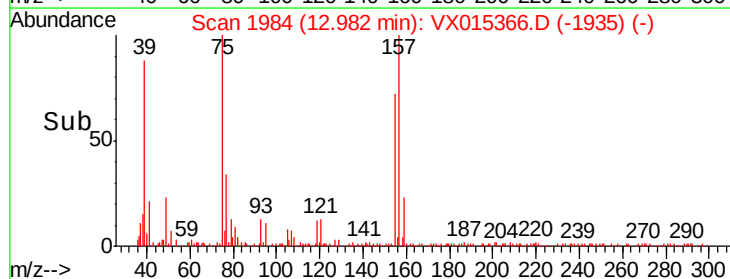
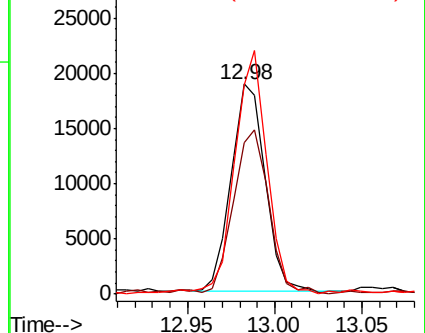
157 111.9 53.4 160.3

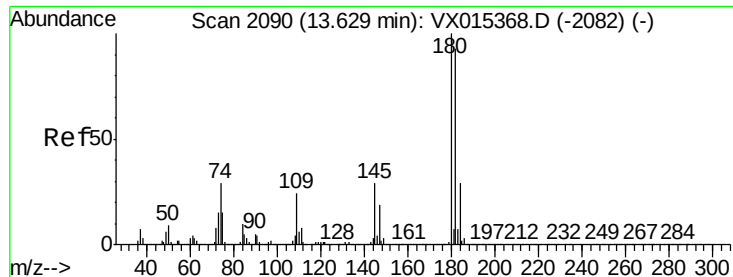


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

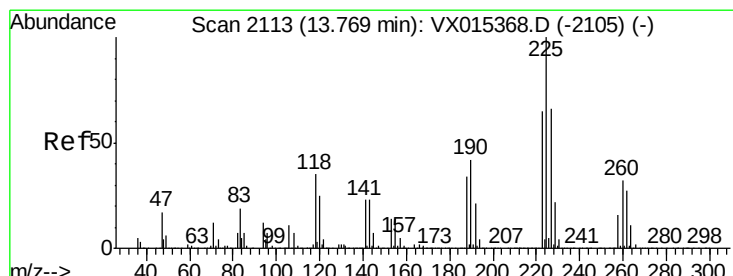
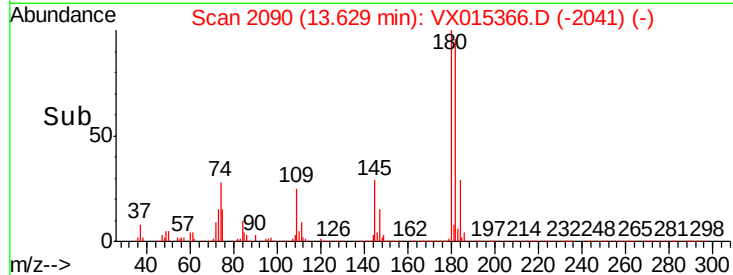
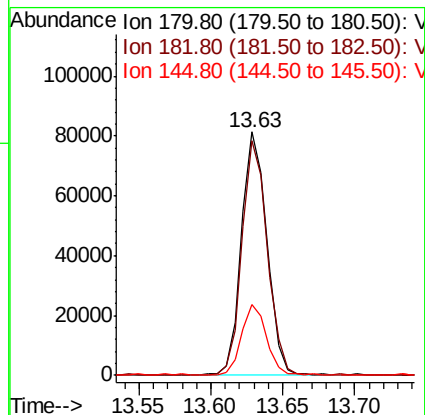
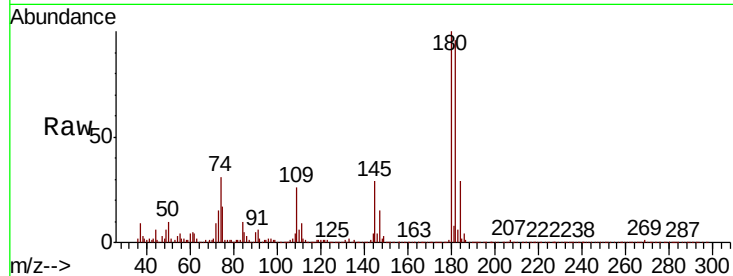




#93
 1,2,4-Trichlorobenzene
 Concen: 5.918 ug/l
 RT: 13.63 min Scan# 2090
 Delta R.T. -0.00 min
 Lab File: VX015366.D
 Acq: 26 Mar 2020 19:53

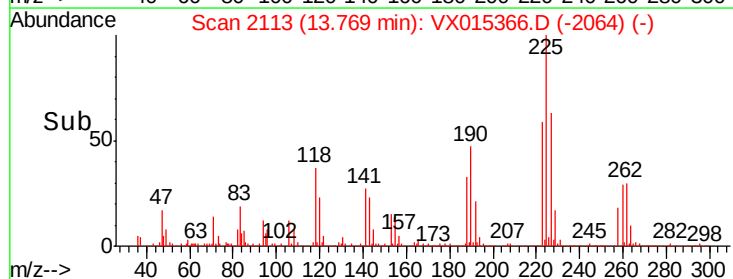
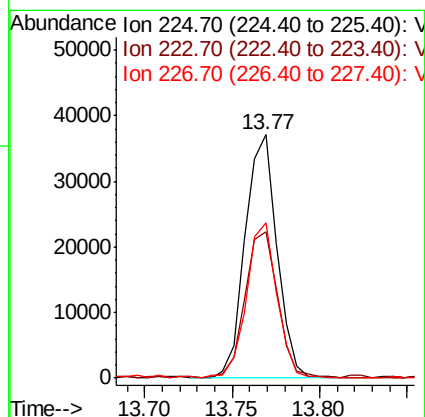
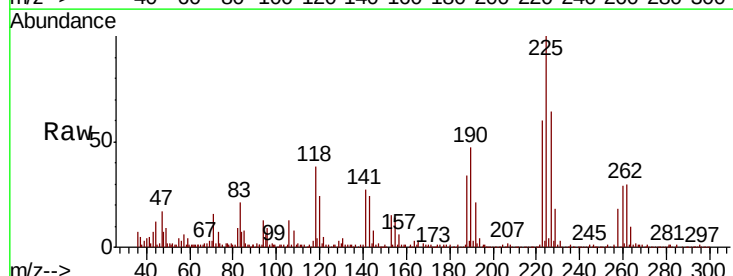
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC005

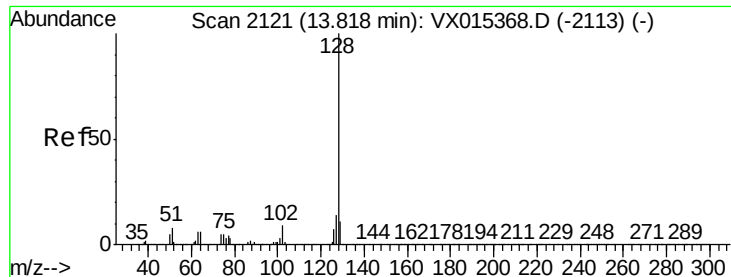
Tot Ion:180 Resp: 100004
 Ion Ratio Lower Upper
 180 100
 182 95.9 46.9 140.7
 145 27.9 14.9 44.5



#94
 Hexachlorobutadiene
 Concen: 6.647 ug/l
 RT: 13.77 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VX015366.D
 Acq: 26 Mar 2020 19:53

Tgt Ion:225 Resp: 47183
 Ion Ratio Lower Upper
 225 100
 223 60.7 31.9 95.7
 227 61.4 30.4 91.3

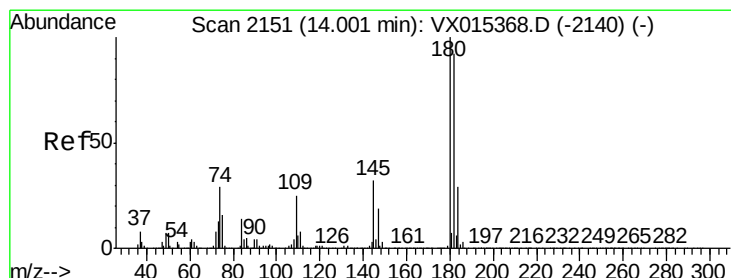
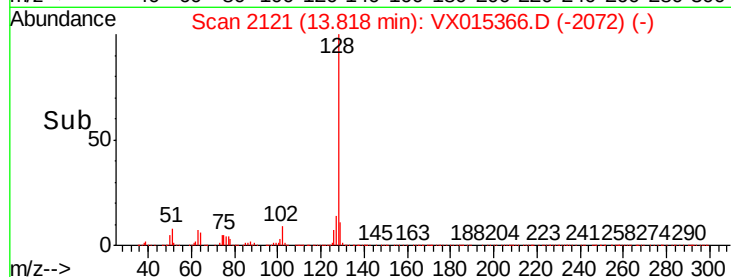
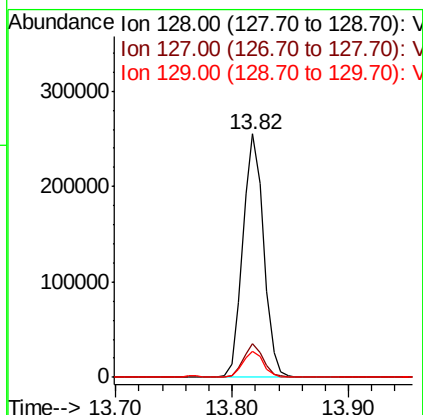
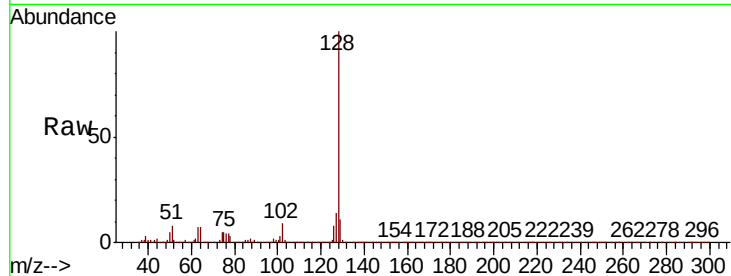




#95
Naphthalene
Concen: 5.803 ug/l
RT: 13.82 min Scan# 2121
Delta R.T. -0.00 min
Lab File: VX015366.D
Acq: 26 Mar 2020 19:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion:128 Resp: 318723
Ion Ratio Lower Upper
128 100
127 12.9 10.6 15.8
129 10.6 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 5.868 ug/l
RT: 14.00 min Scan# 2151
Delta R.T. -0.00 min
Lab File: VX015366.D
Acq: 26 Mar 2020 19:53

Tgt Ion:180 Resp: 97415
Ion Ratio Lower Upper
180 100
182 94.0 46.7 140.0
145 31.4 15.8 47.3

