

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX021219\
 Data File : VX007485.D
 Acq On : 12 Feb 2019 13:43
 Operator : JC/SP
 Sample : VX0212WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0212WBS01

Quant Time: Feb 13 00:09:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 02 01:32:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	461662	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	661494	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	617608	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	327240	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	227288	46.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.76%	
35) Dibromofluoromethane	5.50	113	205266	47.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.38%	
50) Toluene-d8	8.71	98	765071	47.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.82%	
62) 4-Bromofluorobenzene	11.13	95	274775	47.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.26%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	104044	18.452	ug/l	98
3) Chloromethane	1.33	50	91275	17.553	ug/l	97
4) Vinyl Chloride	1.41	62	97621	19.136	ug/l	96
5) Bromomethane	1.64	94	70880	13.696	ug/l	100
6) Chloroethane	1.73	64	62552	18.955	ug/l	96
7) Trichlorofluoromethane	1.93	101	152461	19.105	ug/l	98
8) Diethyl Ether	2.19	74	55223	18.385	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	89999	18.960	ug/l	97
10) Methyl Iodide	2.51	142	85020	12.175	ug/l	97
11) Tert butyl alcohol	3.06	59	104507	103.055	ug/l	99
12) 1,1-Dichloroethene	2.38	96	81485	18.486	ug/l	99
13) Acrolein	2.29	56	42283	88.917	ug/l	98
14) Allyl chloride	2.73	41	138145	19.234	ug/l	98
15) Acrylonitrile	3.15	53	242540	96.681	ug/l	100
16) Acetone	2.45	43	240335	107.071	ug/l	97
17) Carbon Disulfide	2.57	76	199204	18.670	ug/l	99
18) Methyl Acetate	2.78	43	129880	22.537	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	267067	18.702	ug/l	100
20) Methylene Chloride	2.86	84	89809	19.347	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	85116	18.127	ug/l	98
22) Diisopropyl ether	3.87	45	257183	19.467	ug/l	98
23) Vinyl Acetate	3.82	43	1063927	97.048	ug/l	99
24) 1,1-Dichloroethane	3.70	63	147316	19.417	ug/l	98
25) 2-Butanone	4.70	43	330971	103.610	ug/l	99
26) 2,2-Dichloropropane	4.59	77	111158	19.239	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	94890	18.502	ug/l	99
28) Bromochloromethane	5.02	49	70050	20.078	ug/l	99
29) Tetrahydrofuran	5.15	42	206429	102.749	ug/l	99
30) Chloroform	5.21	83	155350	19.623	ug/l	97
31) Cyclohexane	5.58	56	126047	18.498	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	131861	19.732	ug/l	99
36) 1,1-Dichloropropene	5.80	75	111584	18.800	ug/l	99
37) Ethyl Acetate	4.85	43	114440	19.074	ug/l	97
38) Carbon Tetrachloride	5.79	117	116652	20.259	ug/l	97

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 Misc : 5.0mL/MSVOA X/WATER
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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 02 01:32:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	138110	19.233	ug/l	97
40) Benzene	6.14	78	336271	19.234	ug/l	99
41) Methacrylonitrile	5.06	41	65456	20.356	ug/l	99
42) 1,2-Dichloroethane	6.20	62	116351	19.234	ug/l	99
43) Isopropyl Acetate	6.46	43	183319	19.795	ug/l	99
44) Trichloroethene	7.21	130	100918	19.166	ug/l	100
45) 1,2-Dichloropropane	7.52	63	85158	19.440	ug/l	93
46) Dibromomethane	7.66	93	60697	19.065	ug/l	98
47) Bromodichloromethane	7.90	83	109593	20.311	ug/l	99
48) Methyl methacrylate	7.77	41	93119	20.103	ug/l	98
49) 1,4-Dioxane	7.75	88	44770	428.945	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	632208	103.703	ug/l	99
52) Toluene	8.78	92	219388	19.449	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	114804	19.808	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	127028	19.930	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	91764	19.516	ug/l	98
56) Ethyl methacrylate	9.18	69	131947	20.261	ug/l	95
57) 1,3-Dichloropropane	9.37	76	145274	19.428	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	338701	98.674	ug/l	99
59) 2-Hexanone	9.49	43	495112	104.366	ug/l	100
60) Dibromochloromethane	9.58	129	94151	21.172	ug/l	97
61) 1,2-Dibromoethane	9.67	107	98733	19.828	ug/l	100
64) Tetrachloroethene	9.33	164	104074	17.879	ug/l	98
65) Chlorobenzene	10.13	112	256749	19.050	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	91707	20.296	ug/l	98
67) Ethyl Benzene	10.25	91	417340	19.229	ug/l	99
68) m/p-Xylenes	10.36	106	332070	38.490	ug/l	100
69) o-Xylene	10.69	106	160390	19.320	ug/l	98
70) Styrene	10.71	104	262681	19.510	ug/l	99
71) Bromoform	10.86	173	69051	20.049	ug/l	100
73) Isopropylbenzene	11.02	105	441182	19.839	ug/l	99
74) N-amyl acetate	10.90	43	168161	19.551	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	139497	20.583	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	153750	24.155	ug/l	80
77) Bromobenzene	11.26	156	118740	18.951	ug/l	99
78) n-propylbenzene	11.36	91	492640	20.203	ug/l	99
79) 2-Chlorotoluene	11.42	91	289862	19.590	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	359215	19.745	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	36556	20.479	ug/l	97
82) 4-Chlorotoluene	11.51	91	328460	19.185	ug/l	98
83) tert-Butylbenzene	11.77	119	355430	19.733	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	370729	20.072	ug/l	99
85) sec-Butylbenzene	11.94	105	437719	20.078	ug/l	100
86) p-Isopropyltoluene	12.06	119	388749	19.754	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	216819	19.282	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	213343	18.701	ug/l	98
89) n-Butylbenzene	12.39	91	332058	19.615	ug/l	99
90) Hexachloroethane	12.60	117	61098	20.744	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	214603	19.177	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	28883	20.496	ug/l	97

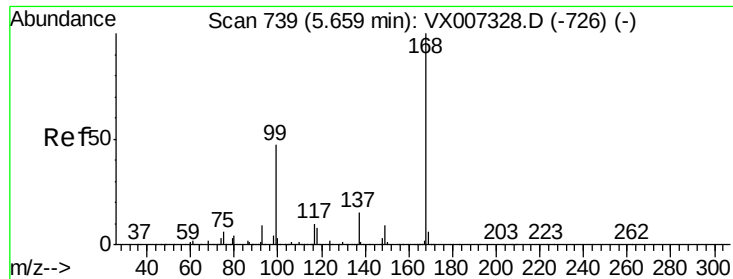
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX021219\
Data File : VX007485.D
Acq On : 12 Feb 2019 13:43
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Quant Time: Feb 13 00:09:49 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
Quant Title : SW846 8260
QLast Update : Sat Feb 02 01:32:36 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	143107	18.963	ug/l	98
94) Hexachlorobutadiene	13.78	225	69341	18.922	ug/l	99
95) Naphthalene	13.83	128	431836	19.567	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	143716	18.919	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX007485.D

Acq: 12 Feb 2019 13:43

Instrument :

MSVOA_X

ClientSampleId :

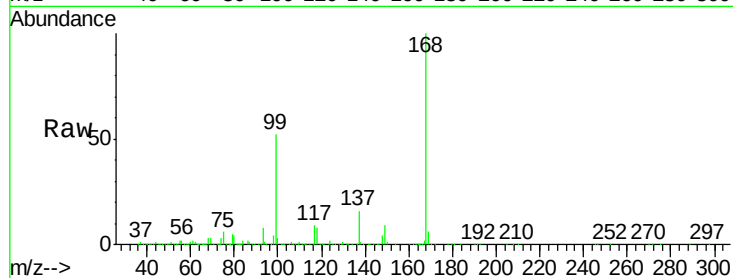
VX0212WBS01

Tot Ion:168 Resp: 461662

Ion Ratio Lower Upper

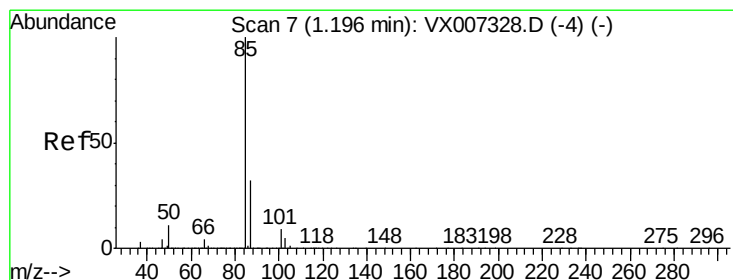
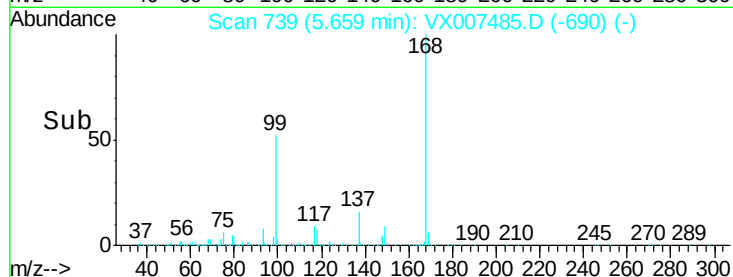
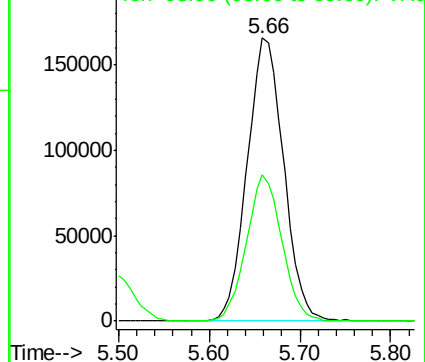
168 100

99 51.5 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 18.452 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.01 min

Lab File: VX007485.D

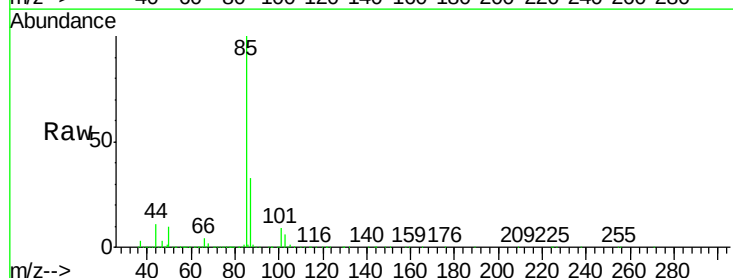
Acq: 12 Feb 2019 13:43

Tgt Ion: 85 Resp: 104044

Ion Ratio Lower Upper

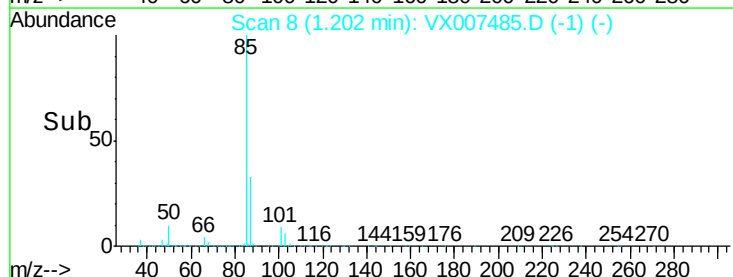
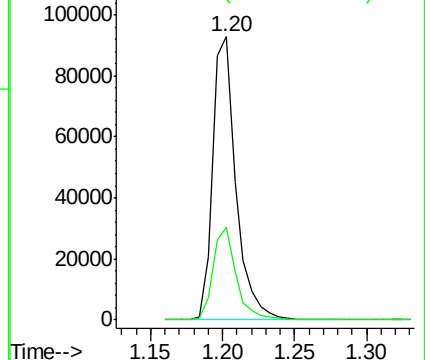
85 100

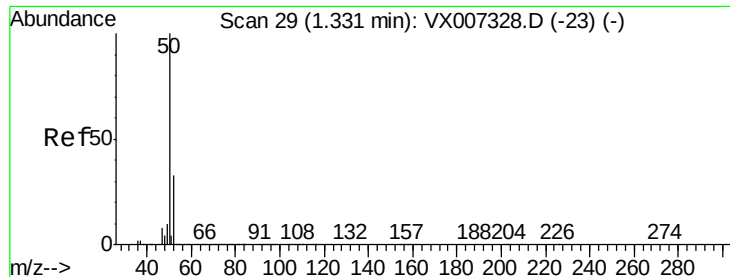
87 32.6 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 17.553 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX007485.D

Acq: 12 Feb 2019 13:43

Instrument :

MSVOA_X

ClientSampleId :

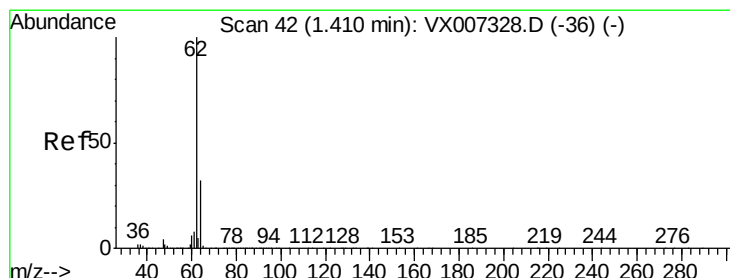
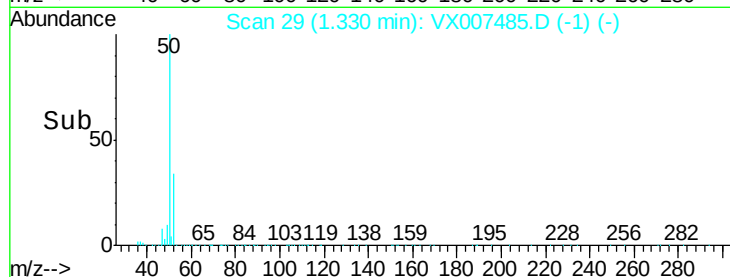
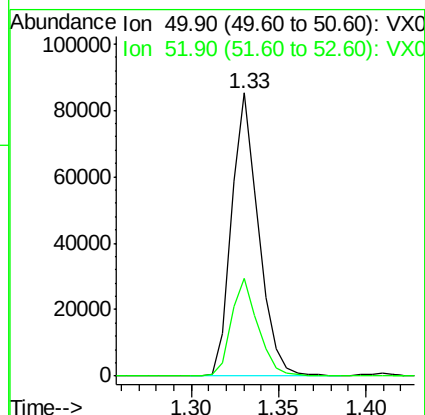
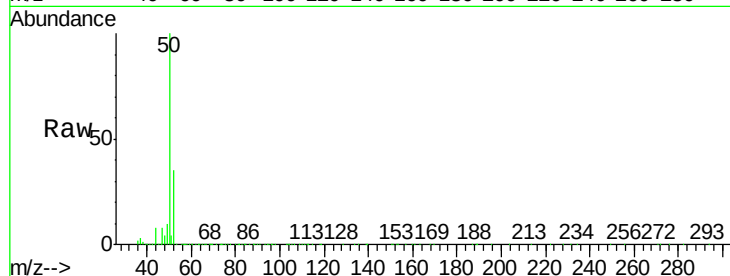
VX0212WBS01

Tot Ion: 50 Resp: 91275

Ion Ratio Lower Upper

50 100

52 34.5 26.1 39.1



#4

Vinyl Chloride

Concen: 19.136 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX007485.D

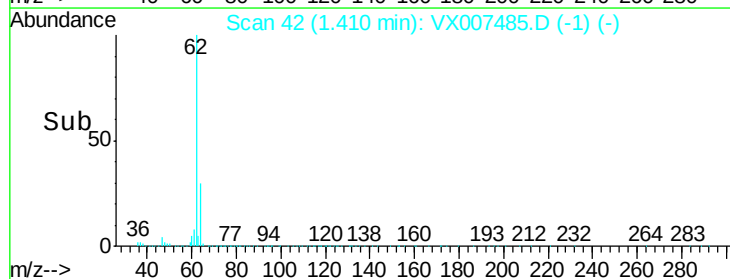
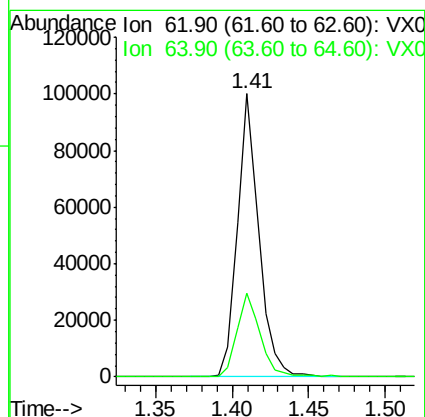
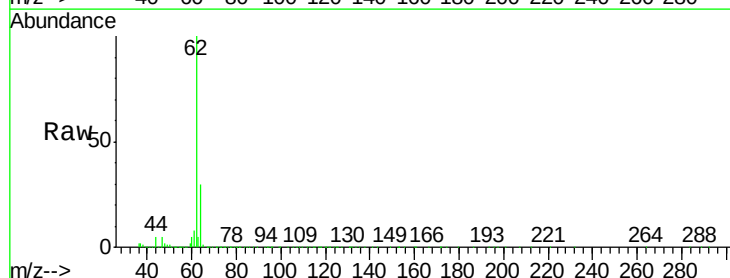
Acq: 12 Feb 2019 13:43

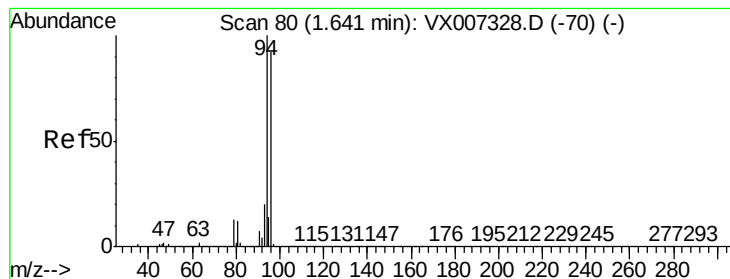
Tgt Ion: 62 Resp: 97621

Ion Ratio Lower Upper

62 100

64 29.5 25.4 38.0





#5

Bromomethane

Concen: 13.696 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007485.D

Acq: 12 Feb 2019 13:43

Instrument :

MSVOA_X

ClientSampleId :

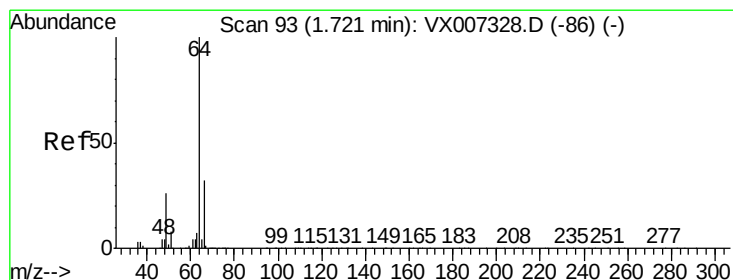
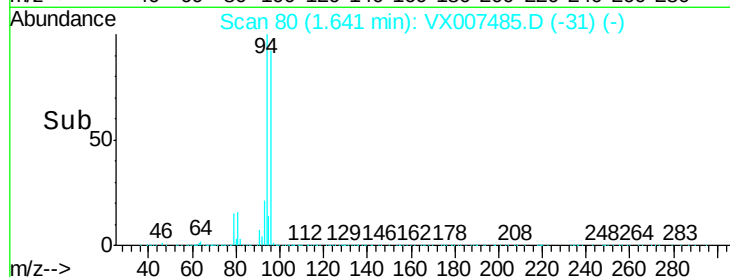
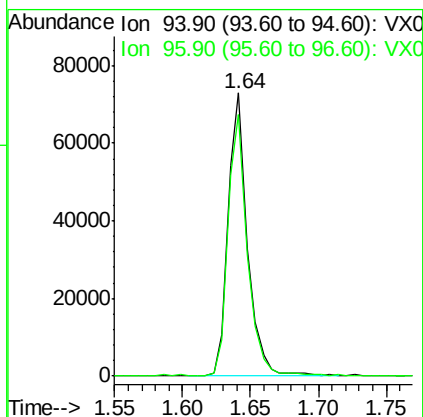
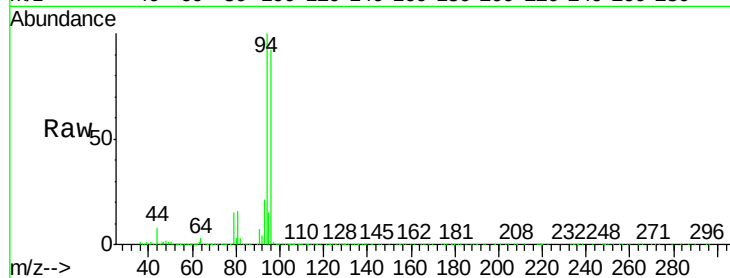
VX0212WBS01

Tot Ion: 94 Resp: 70880

Ion Ratio Lower Upper

94 100

96 92.4 73.9 110.9



#6

Chloroethane

Concen: 18.955 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX007485.D

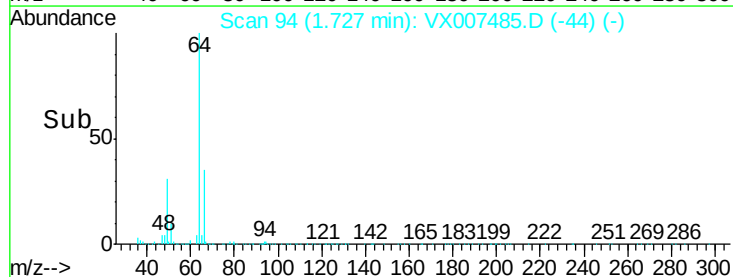
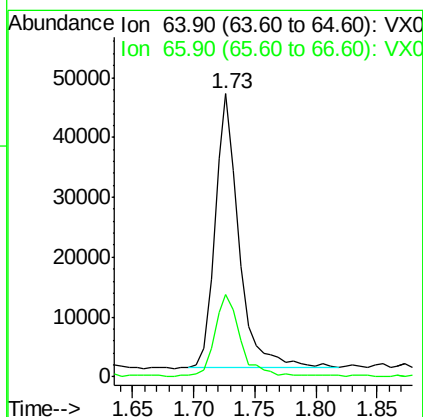
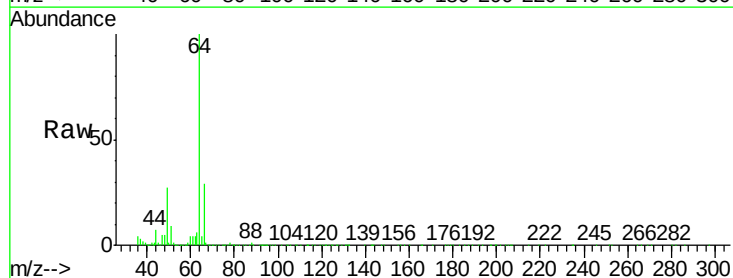
Acq: 12 Feb 2019 13:43

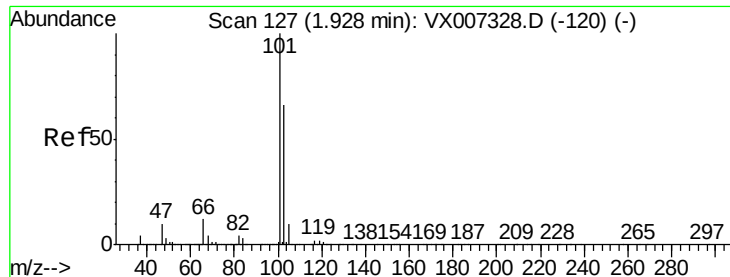
Tgt Ion: 64 Resp: 62552

Ion Ratio Lower Upper

64 100

66 29.5 25.5 38.3



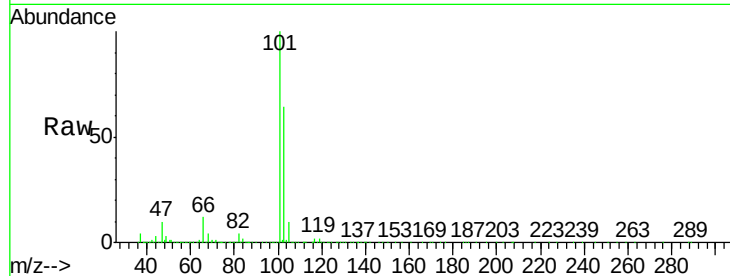


#7

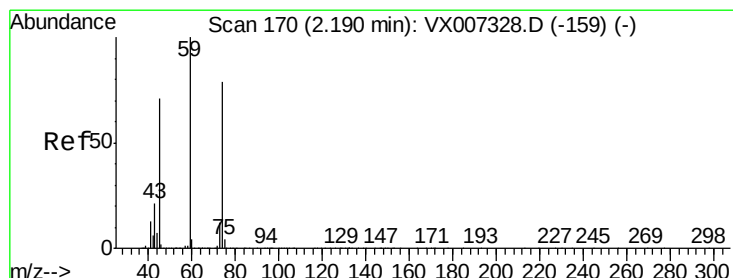
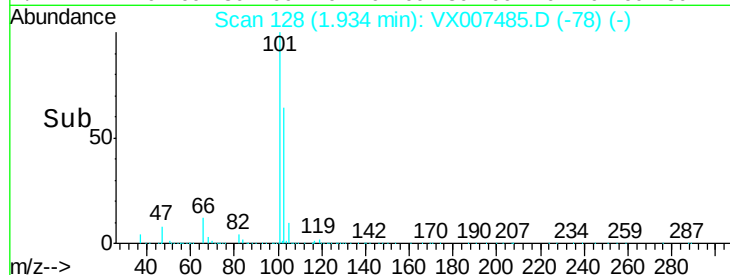
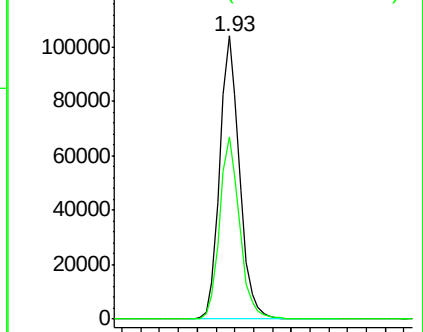
Trichlorofluoromethane
Concen: 19.105 ug/l
RT: 1.93 min Scan# 128
Delta R.T. 0.01 min
Lab File: VX007485.D
Acq: 12 Feb 2019 13:43

Instrument :
MSVOA_X
ClientSampleId :
VX0212WBS01

Tot Ion:101 Resp: 152461
Ion Ratio Lower Upper
101 100
103 64.4 52.6 79.0



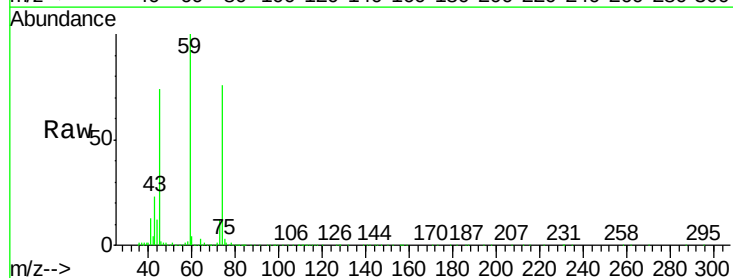
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



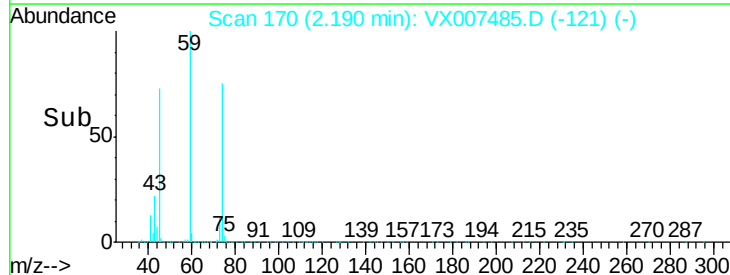
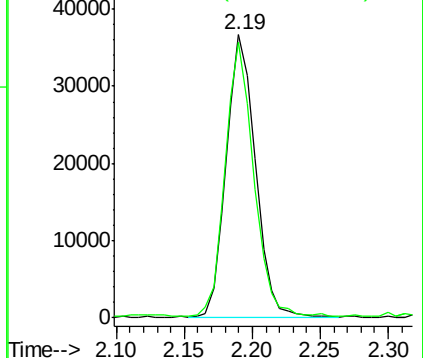
#8

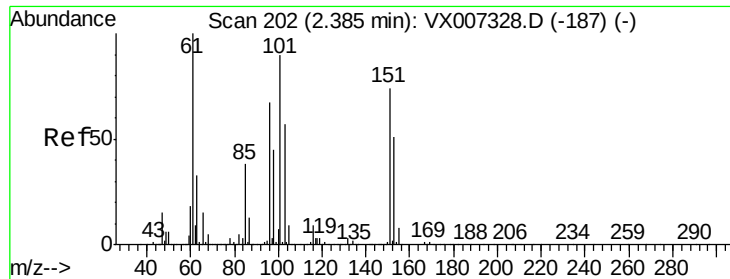
Diethyl Ether
Concen: 18.385 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX007485.D
Acq: 12 Feb 2019 13:43

Tgt Ion: 74 Resp: 55223
Ion Ratio Lower Upper
74 100
45 93.7 45.7 137.1



Abundance Ion 74.00 (73.70 to 74.70): VX0
Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.960 ug/l

RT: 2.38 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX007485.D

Acq: 12 Feb 2019 13:43

Instrument :

MSVOA_X

ClientSampleId :

VX0212WBS01

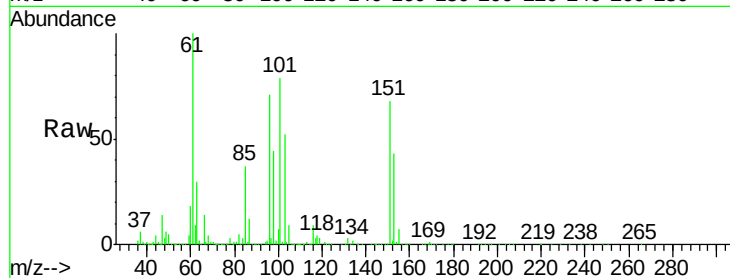
Tot Ion:101 Resp: 89999

Ion Ratio Lower Upper

101 100

85 43.5 34.1 51.1

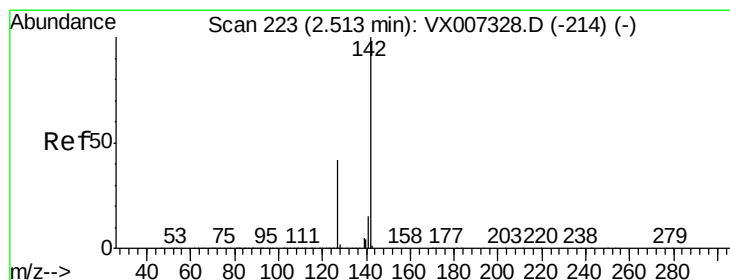
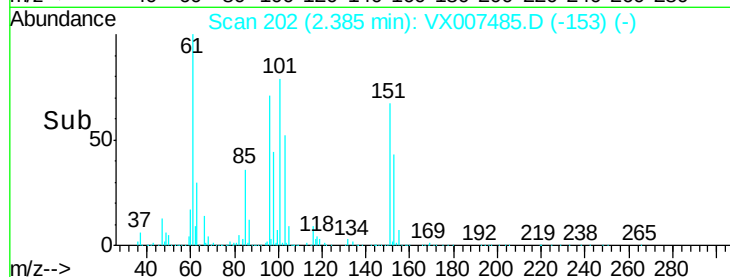
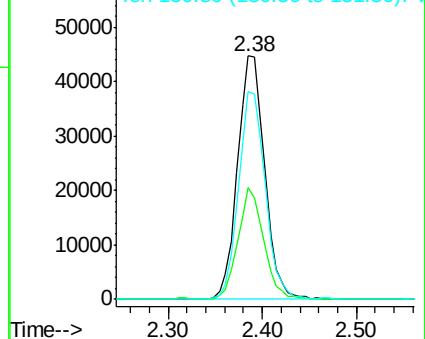
151 83.9 69.9 104.9



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: 12.175 ug/l

RT: 2.51 min Scan# 223

Delta R.T. -0.00 min

Lab File: VX007485.D

Acq: 12 Feb 2019 13:43

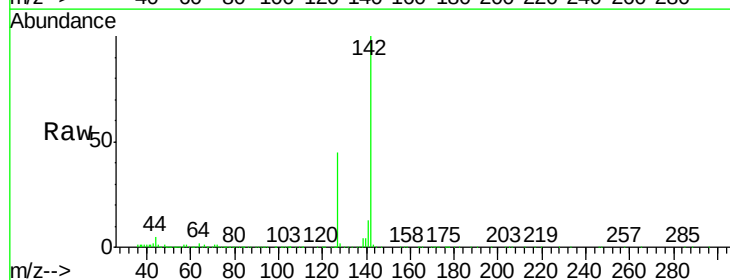
Tgt Ion:142 Resp: 85020

Ion Ratio Lower Upper

142 100

127 43.8 33.7 50.5

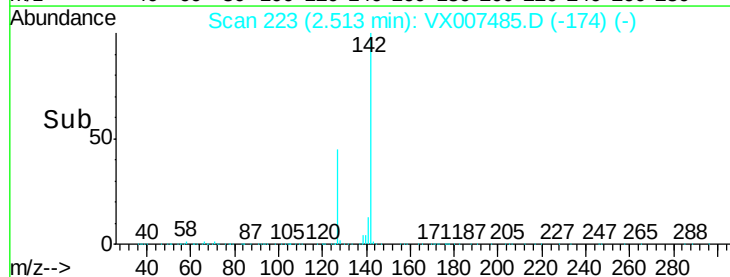
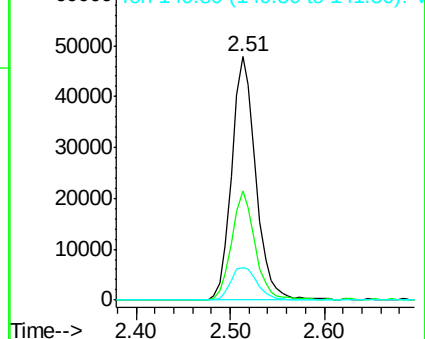
141 15.2 11.3 16.9

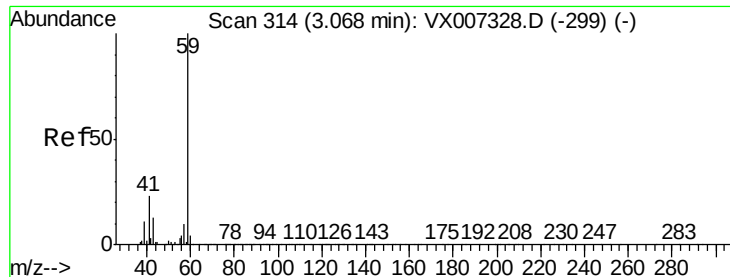


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



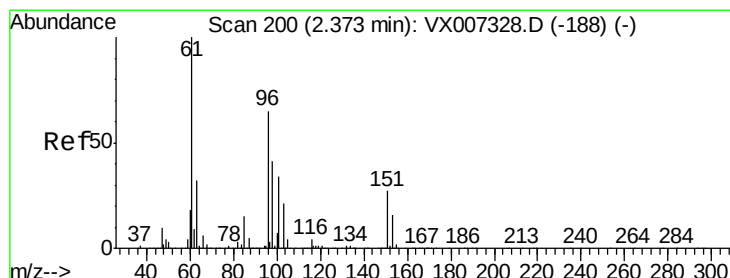
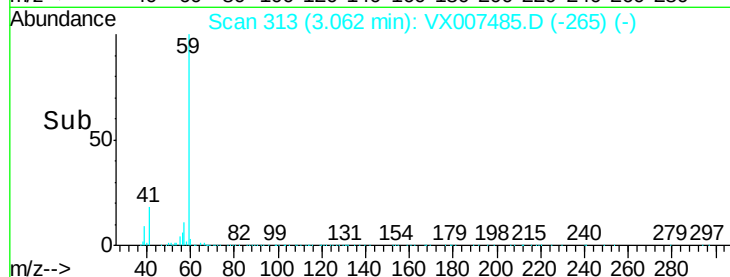
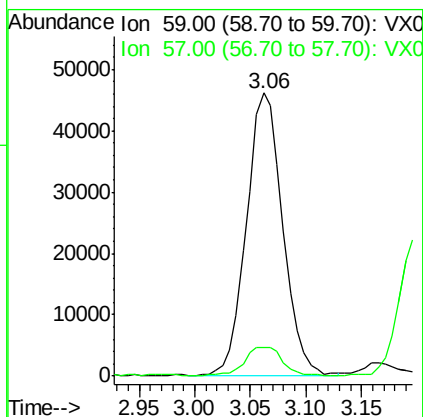
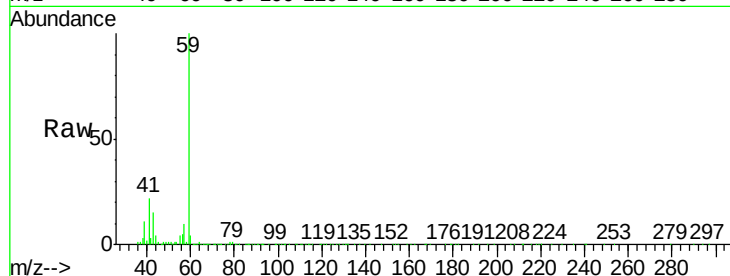


#11

Tert butyl alcohol
Concen: 103.055 ug/l
RT: 3.06 min Scan# 313
Delta R.T. -0.01 min
Lab File: VX007485.D
Acq: 12 Feb 2019 13:43

Instrument :
MSVOA_X
ClientSampled :
VX0212WBS01

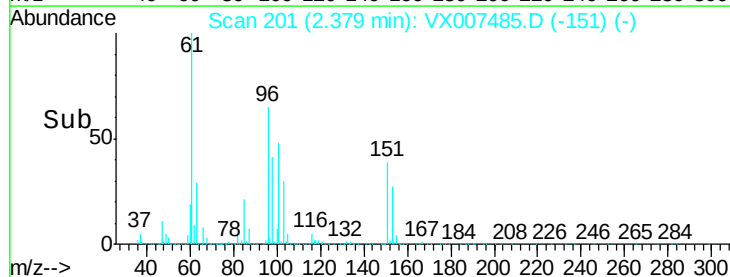
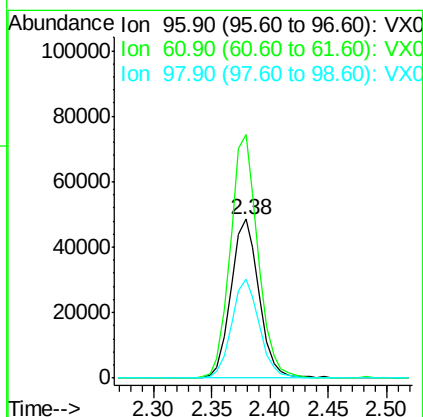
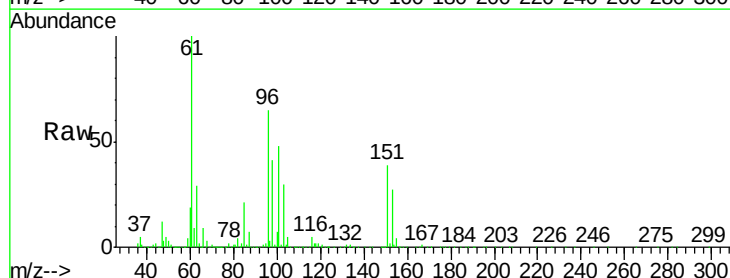
Tot Ion: 59 Resp: 104507
Ion Ratio Lower Upper
59 100
57 10.6 8.1 12.1

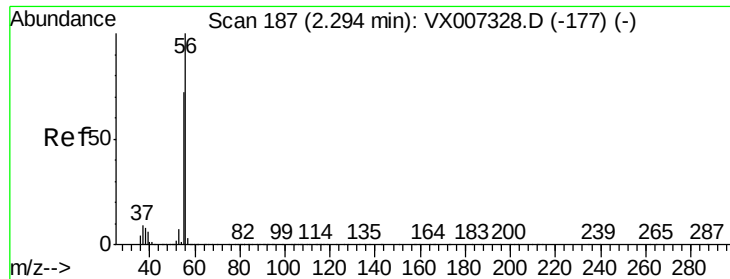


#12

1,1-Dichloroethene
Concen: 18.486 ug/l
RT: 2.38 min Scan# 201
Delta R.T. 0.01 min
Lab File: VX007485.D
Acq: 12 Feb 2019 13:43

Tgt Ion: 96 Resp: 81485
Ion Ratio Lower Upper
96 100
61 153.0 123.0 184.4
98 62.2 50.9 76.3





#13

Acrolein

Concen: 88.917 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX007485.D

Acq: 12 Feb 2019 13:43

Instrument :

MSVOA_X

ClientSampleId :

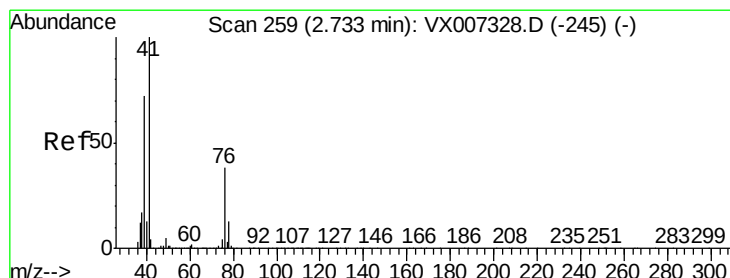
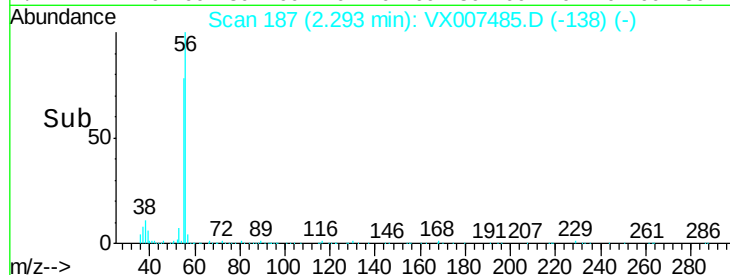
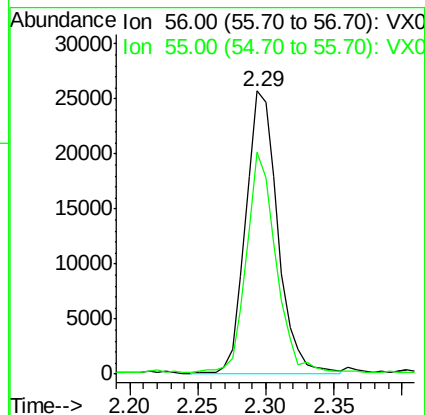
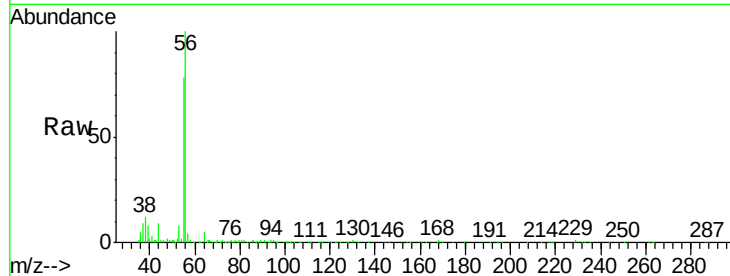
VX0212WBS01

Tot Ion: 56 Resp: 42283

Ion Ratio Lower Upper

56 100

55 72.5 56.9 85.3



#14

Allyl chloride

Concen: 19.234 ug/l

RT: 2.73 min Scan# 259

Delta R.T. -0.00 min

Lab File: VX007485.D

Acq: 12 Feb 2019 13:43

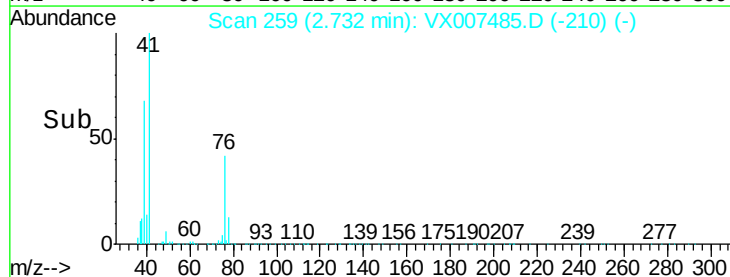
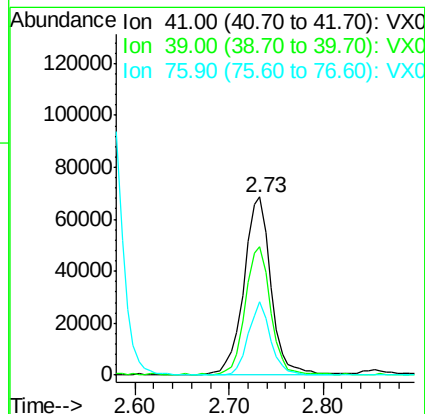
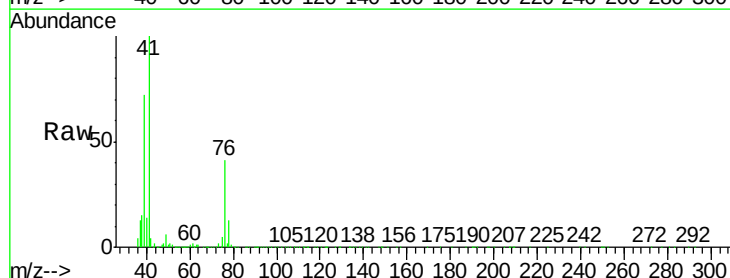
Tgt Ion: 41 Resp: 138145

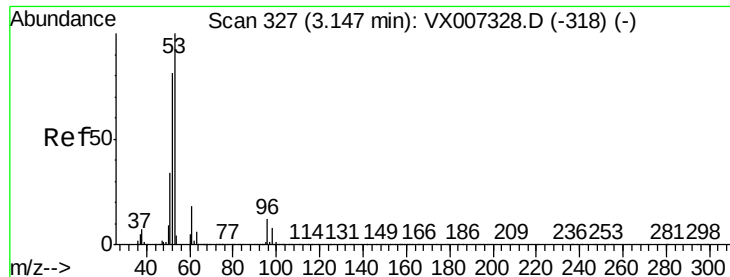
Ion Ratio Lower Upper

41 100

39 65.9 54.1 81.1

76 34.0 27.8 41.8





#15

Acrylonitrile

Concen: 96.681 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.00 min

Lab File: VX007485.D

Acq: 12 Feb 2019 13:43

Instrument :

MSVOA_X

ClientSampleId :

VX0212WBS01

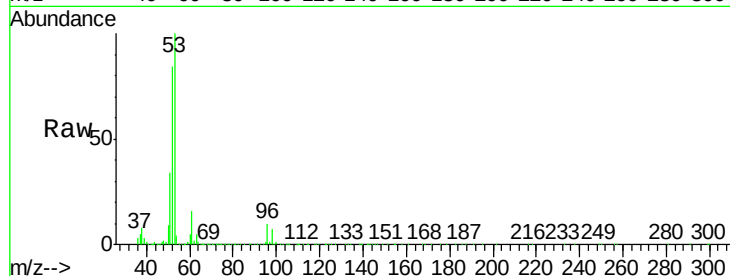
Tot Ion: 53 Resp: 242540

Ion Ratio Lower Upper

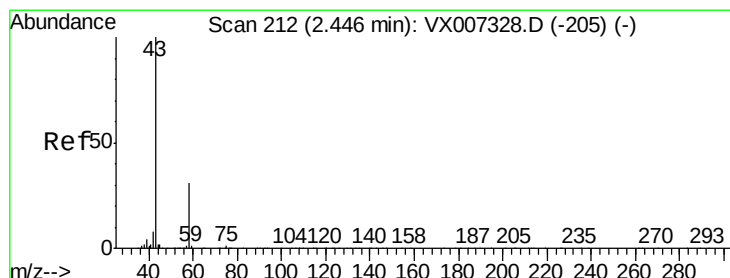
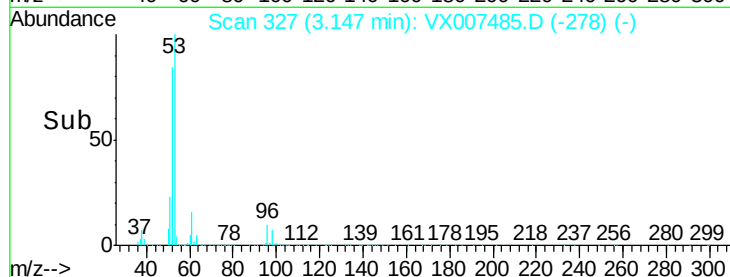
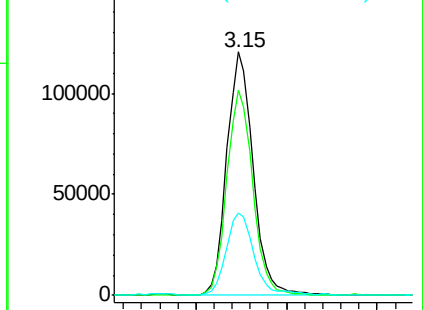
53 100

52 83.5 66.4 99.6

51 35.4 28.4 42.6



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: 107.071 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX007485.D

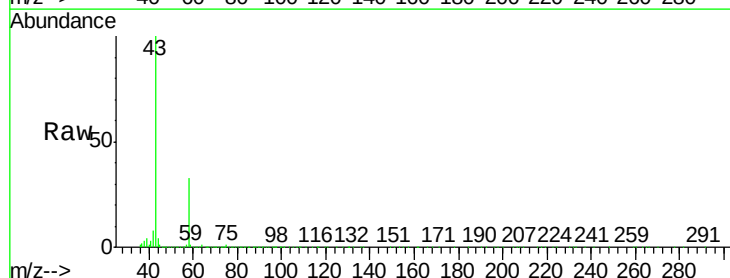
Acq: 12 Feb 2019 13:43

Tgt Ion: 43 Resp: 240335

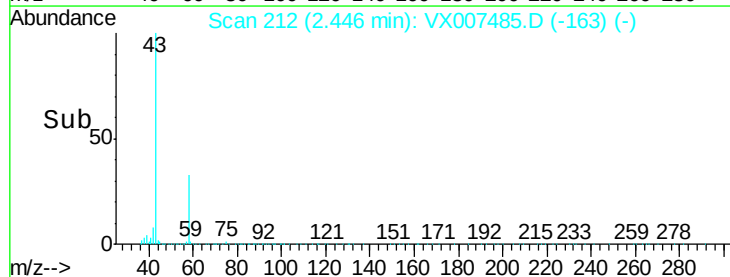
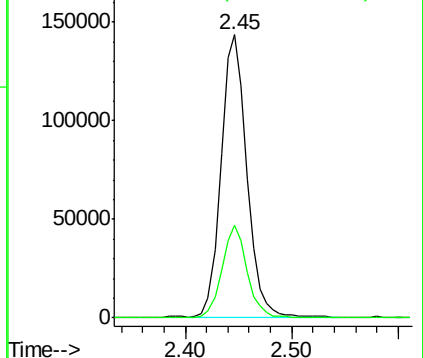
Ion Ratio Lower Upper

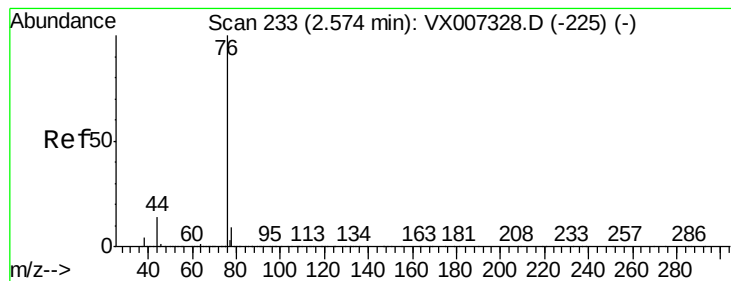
43 100

58 32.7 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 18.670 ug/l

RT: 2.57 min Scan# 233

Delta R.T. -0.00 min

Lab File: VX007485.D

Acq: 12 Feb 2019 13:43

Instrument :

MSVOA_X

ClientSampleId :

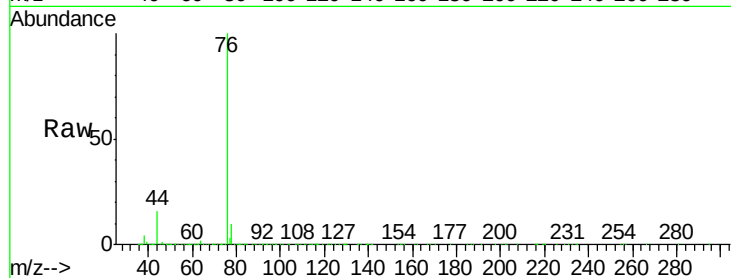
VX0212WBS01

Tot Ion: 76 Resp: 199204

Ion Ratio Lower Upper

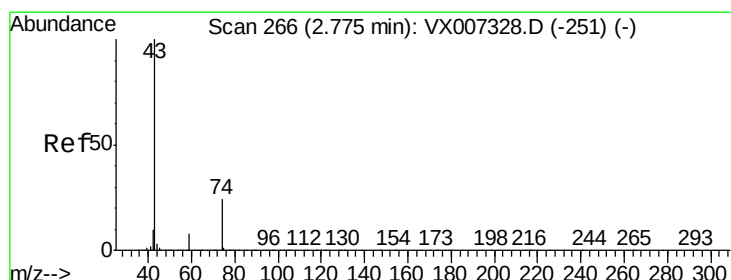
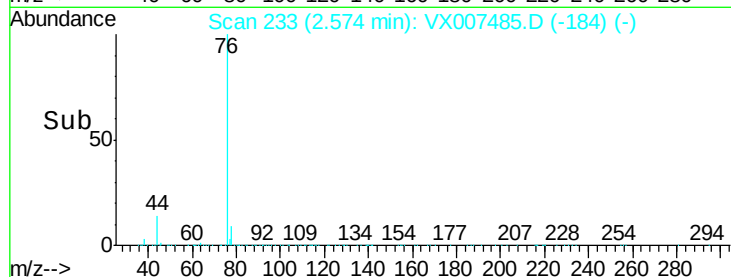
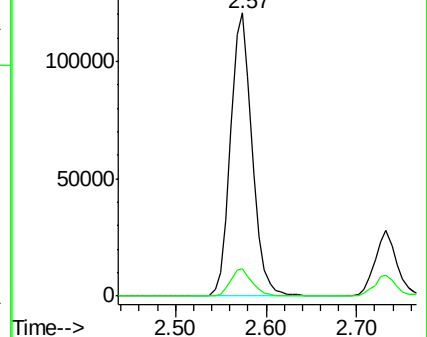
76 100

78 9.4 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 22.537 ug/l

RT: 2.78 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX007485.D

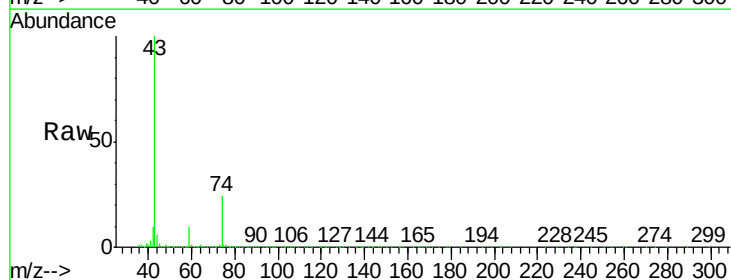
Acq: 12 Feb 2019 13:43

Tgt Ion: 43 Resp: 129880

Ion Ratio Lower Upper

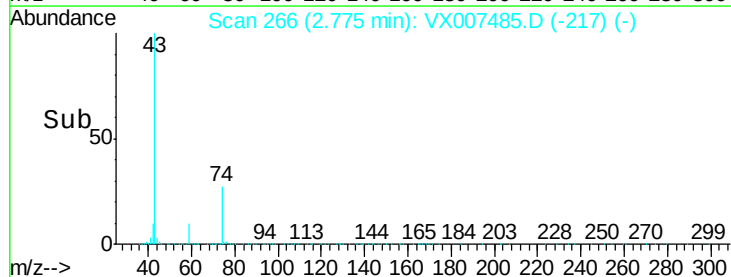
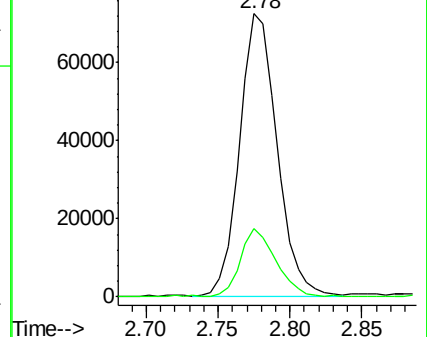
43 100

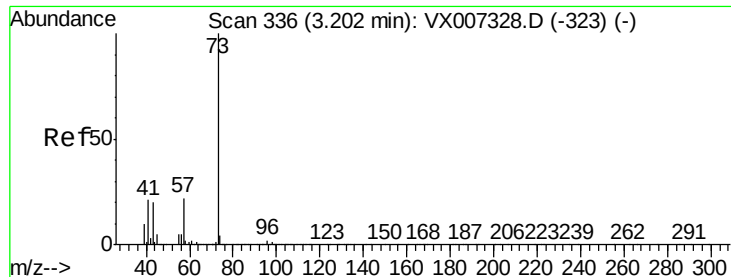
74 22.7 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

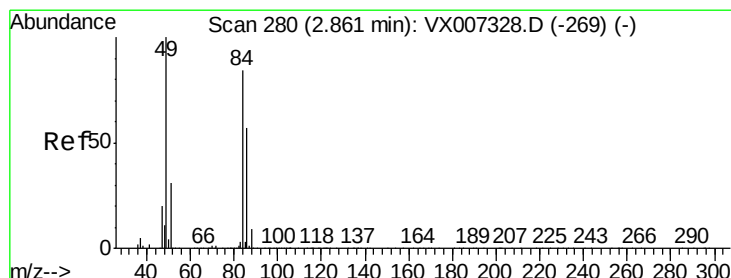
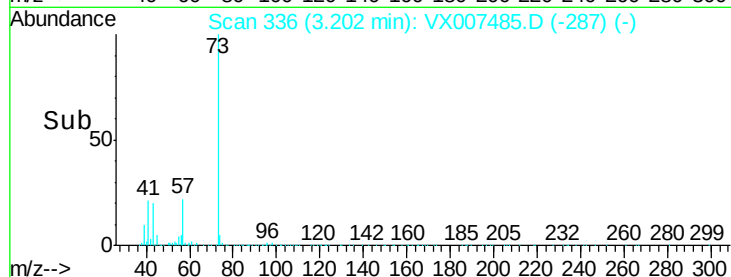
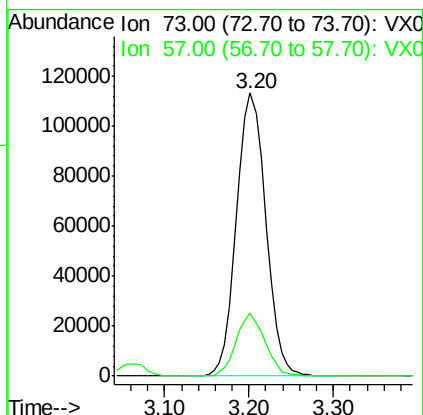
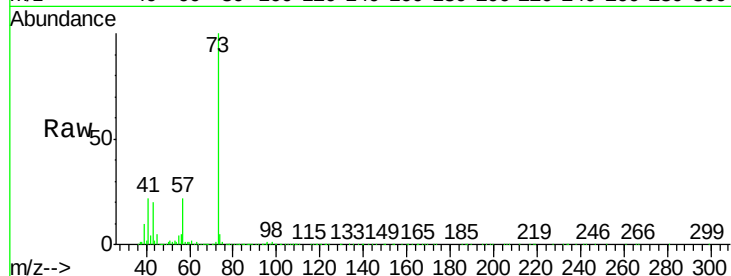




#19
Methyl tert-butyl Ether
Concen: 18.702 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX007485.D
Acq: 12 Feb 2019 13:43

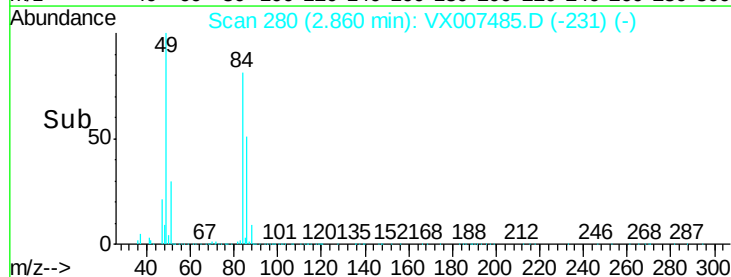
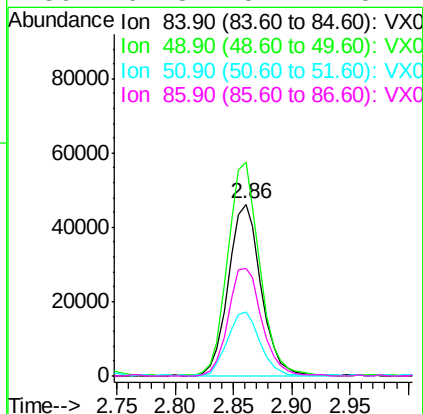
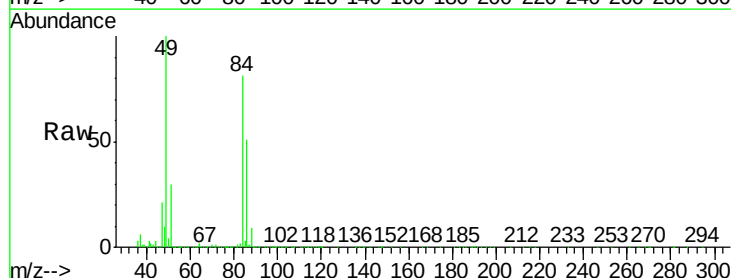
Instrument :
MSVOA_X
ClientSampleId :
VX0212WBS01

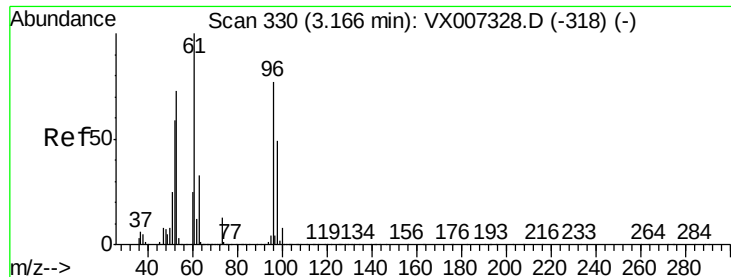
Tot Ion: 73 Resp: 267067
Ion Ratio Lower Upper
73 100
57 22.3 17.8 26.8



#20
Methylene Chloride
Concen: 19.347 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX007485.D
Acq: 12 Feb 2019 13:43

Tgt Ion: 84 Resp: 89809
Ion Ratio Lower Upper
84 100
49 124.1 94.8 142.2
51 36.5 29.8 44.8
86 62.8 54.1 81.1





#21

trans-1,2-Dichloroethene

Concen: 18.127 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX007485.D

Acq: 12 Feb 2019 13:43

Instrument :

MSVOA_X

ClientSampleId :

VX0212WBS01

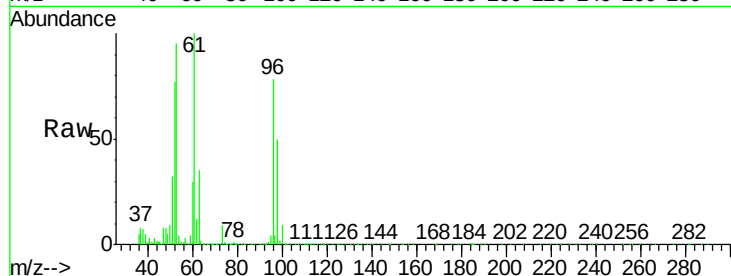
Tot Ion: 96 Resp: 85116

Ion Ratio Lower Upper

96 100

61 127.0 104.6 156.8

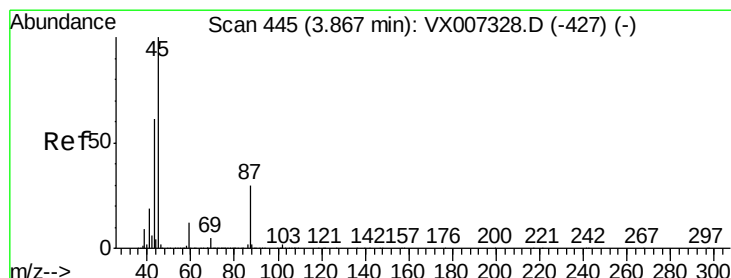
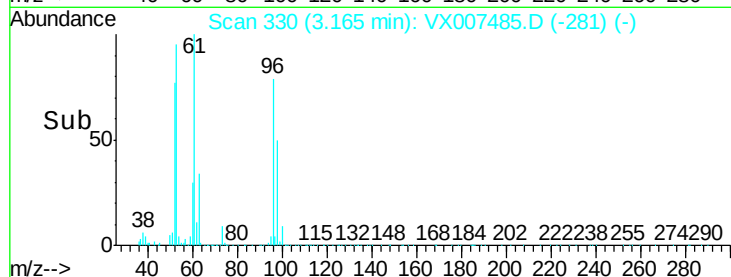
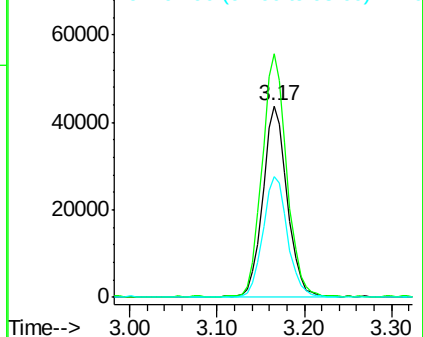
98 63.2 51.0 76.4



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: 19.467 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.00 min

Lab File: VX007485.D

Acq: 12 Feb 2019 13:43

Tgt Ion: 45 Resp: 257183

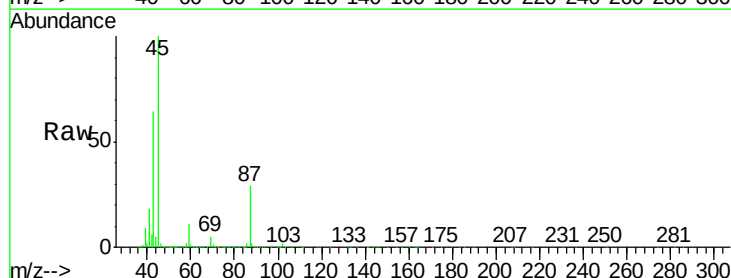
Ion Ratio Lower Upper

45 100

43 63.6 48.9 73.3

87 29.5 23.9 35.9

59 11.2 9.6 14.4

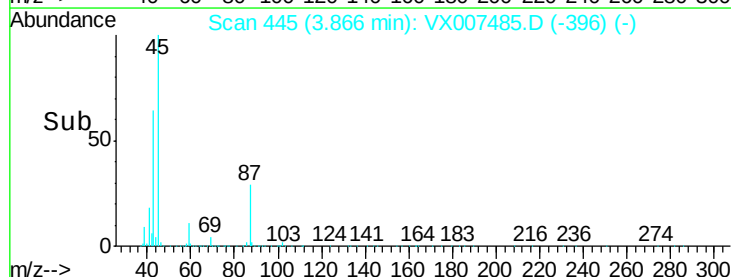
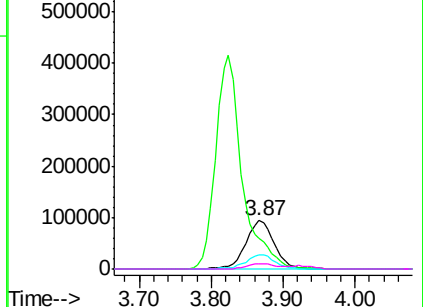


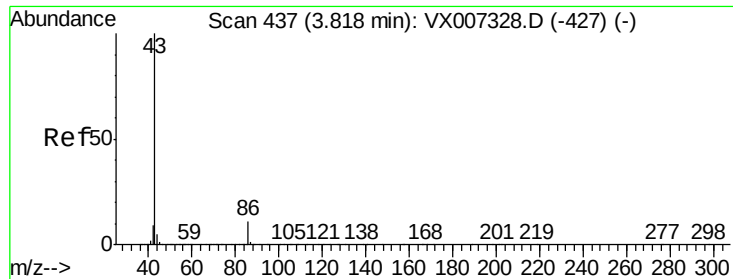
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 97.048 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.01 min

Lab File: VX007485.D

Acq: 12 Feb 2019 13:43

Instrument :

MSVOA_X

ClientSampleId :

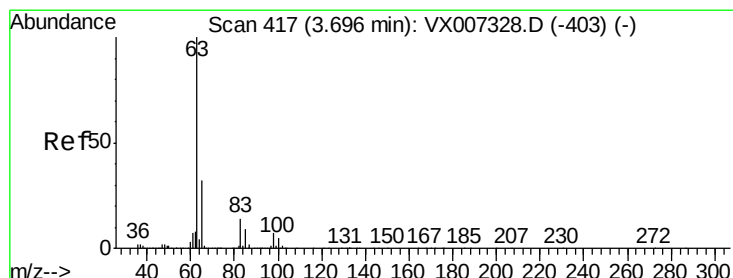
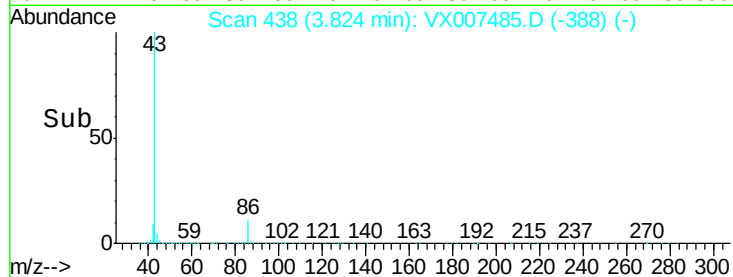
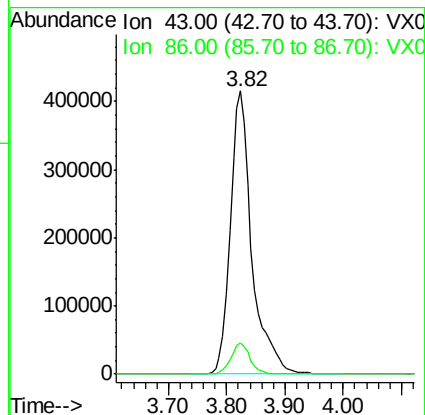
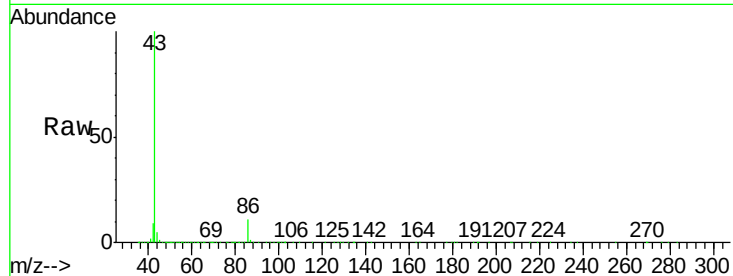
VX0212WBS01

Tot Ion: 43 Resp: 1063927

Ion Ratio Lower Upper

43 100

86 11.1 8.7 13.1



#24

1,1-Dichloroethane

Concen: 19.417 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX007485.D

Acq: 12 Feb 2019 13:43

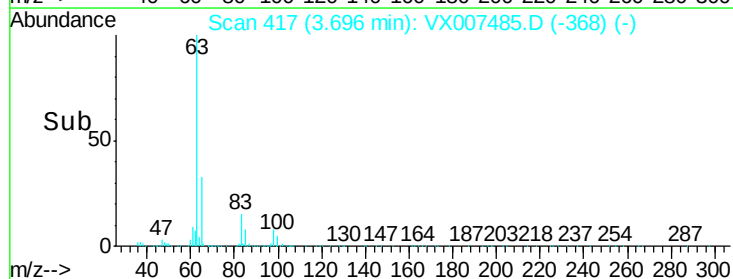
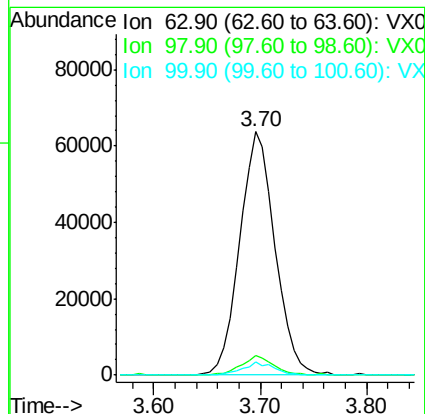
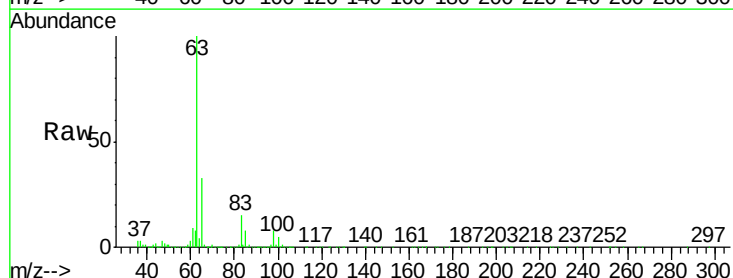
Tgt Ion: 63 Resp: 147316

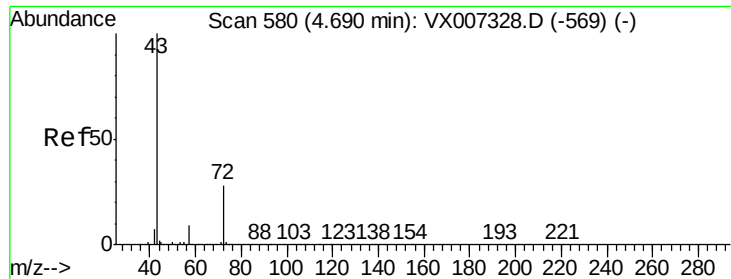
Ion Ratio Lower Upper

63 100

98 8.1 3.6 10.8

100 5.2 2.5 7.4





#25

2-Butanone

Concen: 103.610 ug/l

RT: 4.70 min Scan# 581

Delta R.T. 0.01 min

Lab File: VX007485.D

Acq: 12 Feb 2019 13:43

Instrument :

MSVOA_X

ClientSampleId :

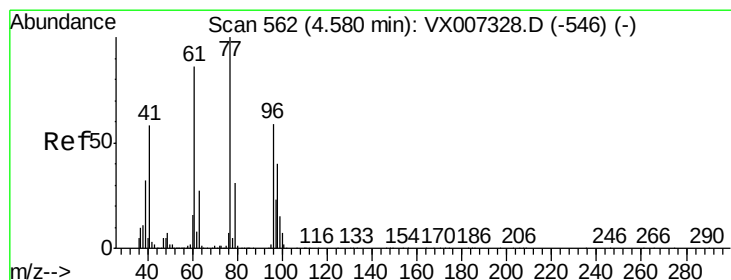
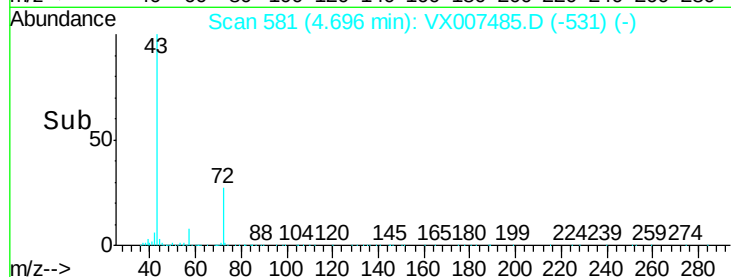
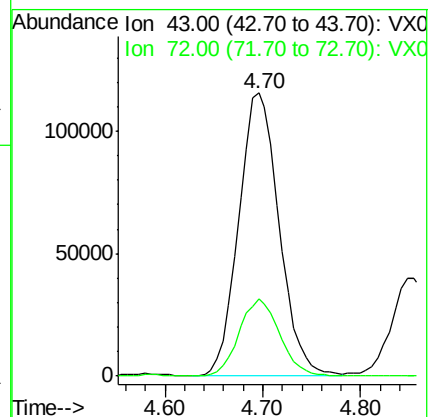
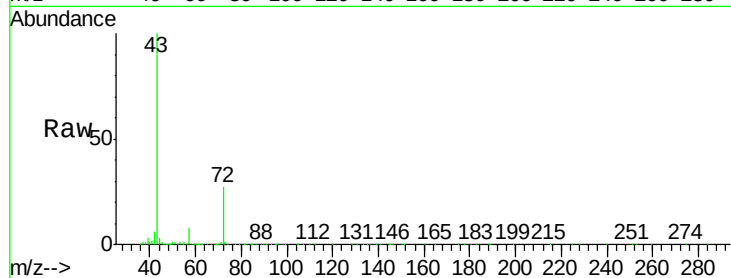
VX0212WBS01

Tot Ion: 43 Resp: 330971

Ion Ratio Lower Upper

43 100

72 27.1 22.2 33.2



#26

2,2-Dichloropropane

Concen: 19.239 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX007485.D

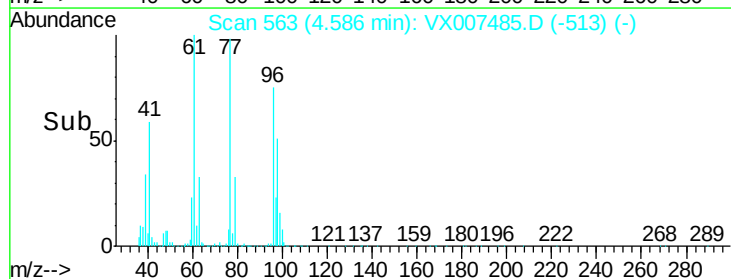
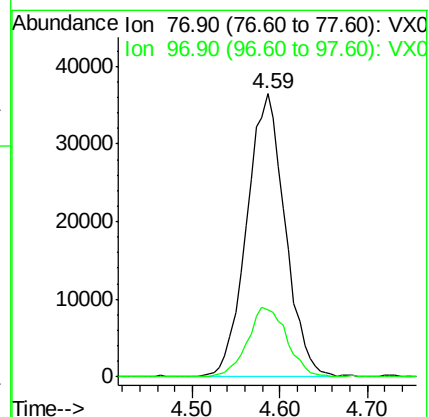
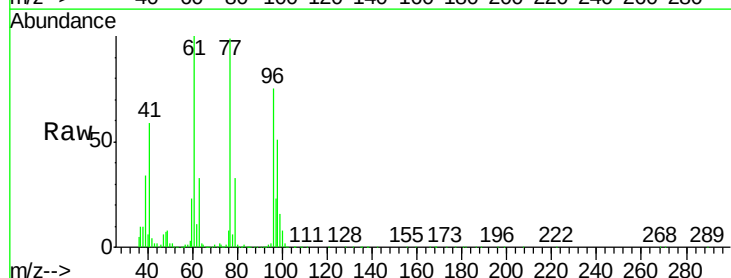
Acq: 12 Feb 2019 13:43

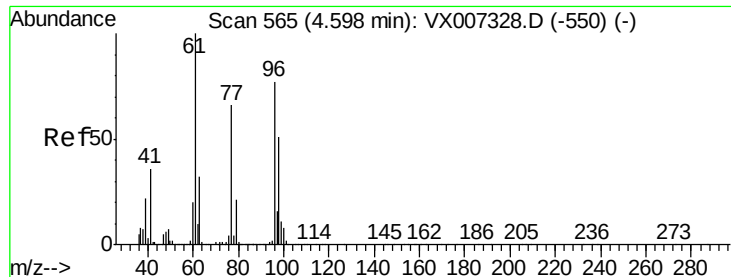
Tgt Ion: 77 Resp: 111158

Ion Ratio Lower Upper

77 100

97 25.2 12.1 36.3



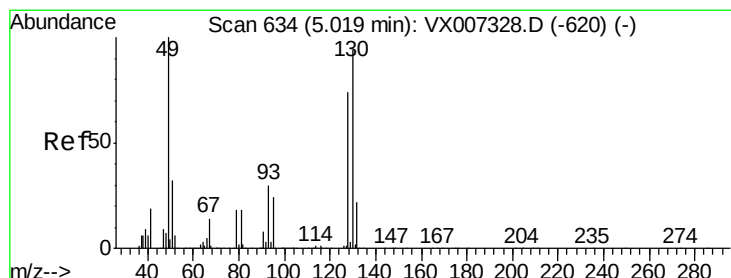
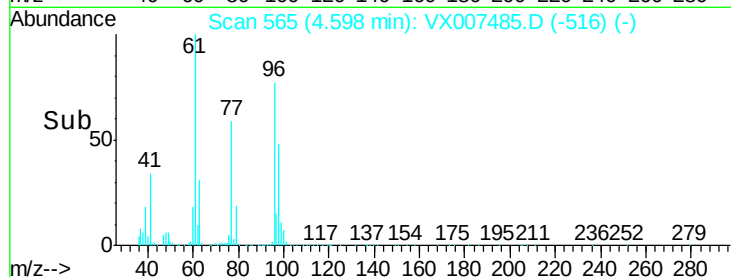
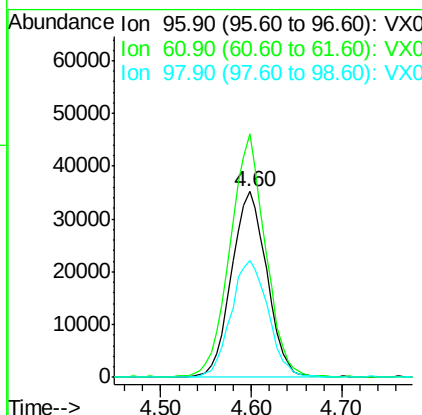
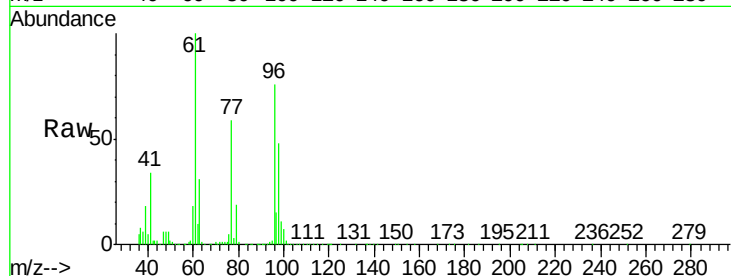


#27

cis-1,2-Dichloroethene
 Concen: 18.502 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: VX007485.D
 Acq: 12 Feb 2019 13:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0212WBS01

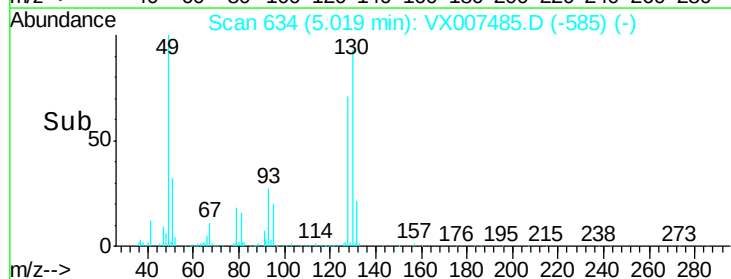
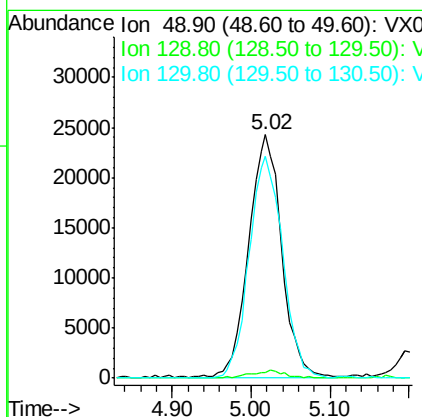
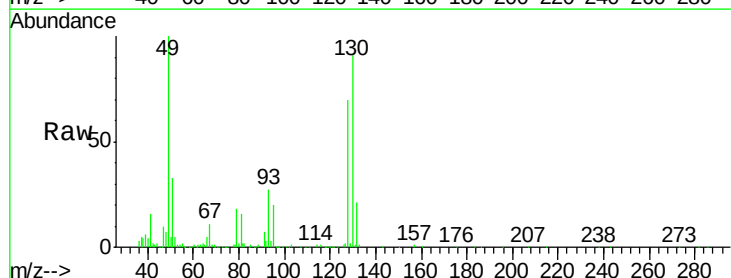
Tot Ion	Ratio	Lower	Upper
96	100		
61	131.4	0.0	265.6
98	66.5	0.0	131.6

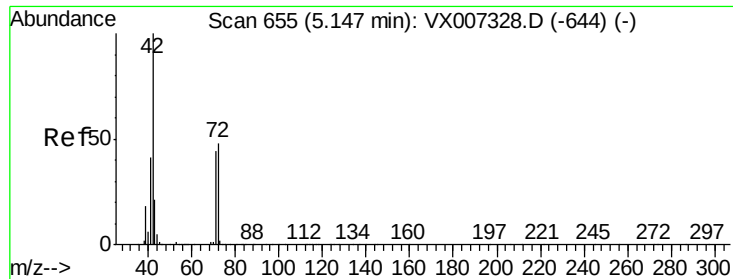


#28

Bromochloromethane
 Concen: 20.078 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: VX007485.D
 Acq: 12 Feb 2019 13:43

Tgt Ion	Ratio	Lower	Upper
49	100		
129	3.4	0.0	5.6
130	93.4	75.6	113.4

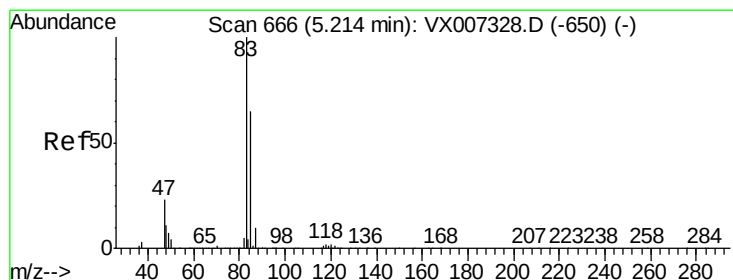
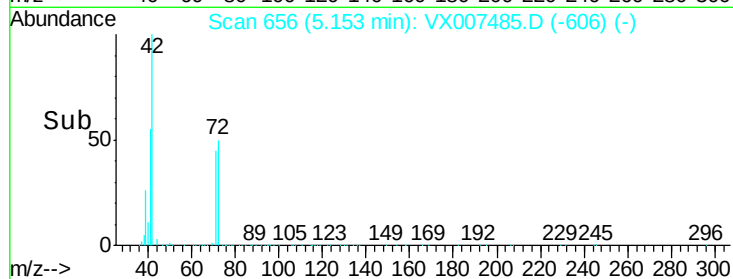
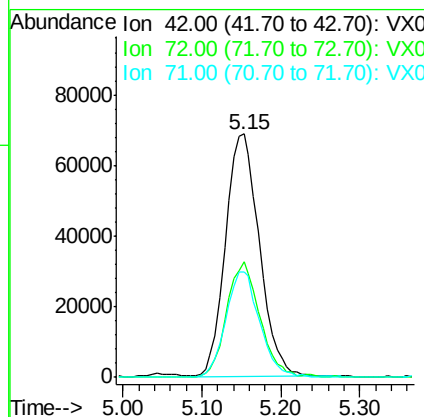
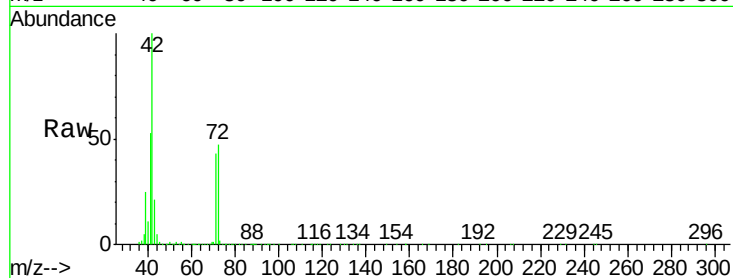




#29
Tetrahydrofuran
Concen: 102.749 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.01 min
Lab File: VX007485.D
Acq: 12 Feb 2019 13:43

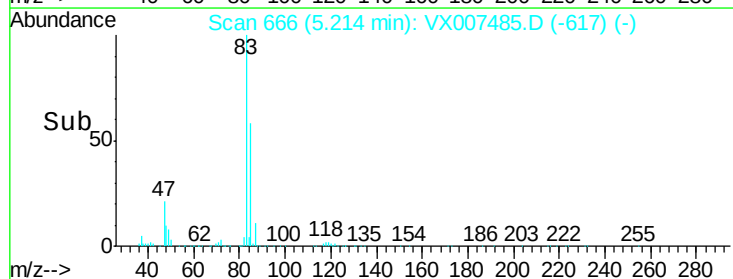
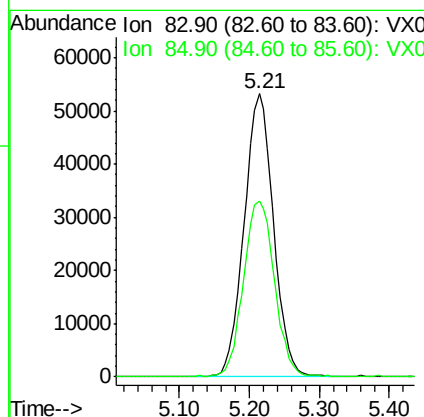
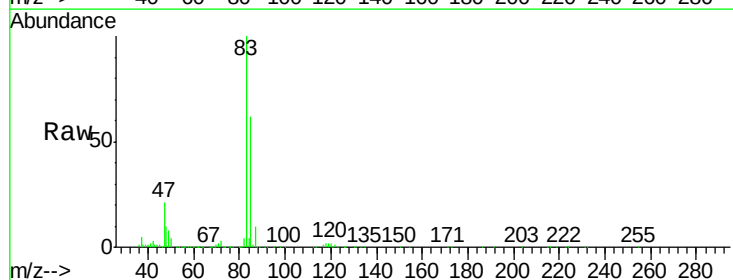
Instrument :
MSVOA_X
ClientSampleId :
VX0212WBS01

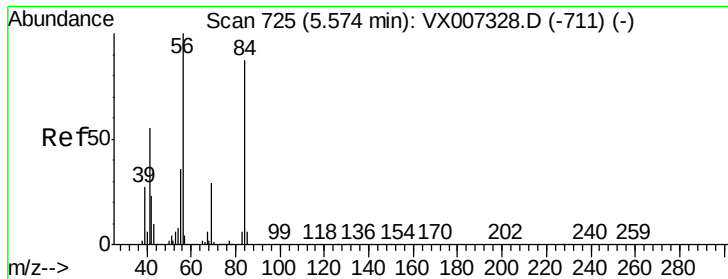
Tot Ion: 42 Resp: 206429
Ion Ratio Lower Upper
42 100
72 46.0 37.6 56.4
71 43.4 34.6 51.8



#30
Chloroform
Concen: 19.623 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX007485.D
Acq: 12 Feb 2019 13:43

Tgt Ion: 83 Resp: 155350
Ion Ratio Lower Upper
83 100
85 62.1 51.6 77.4





#31

Cyclohexane

Concen: 18.498 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.01 min

Lab File: VX007485.D

Acq: 12 Feb 2019 13:43

Instrument :

MSVOA_X

ClientSampleId :

VX0212WBS01

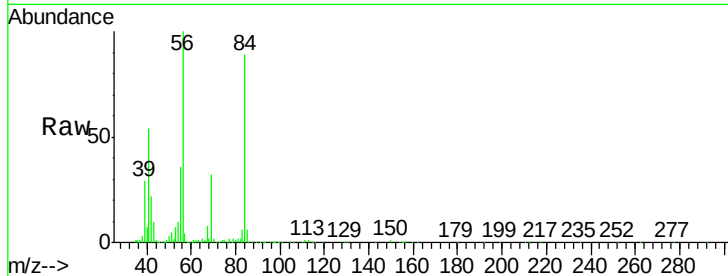
Tot Ion: 56 Resp: 126047

Ion Ratio Lower Upper

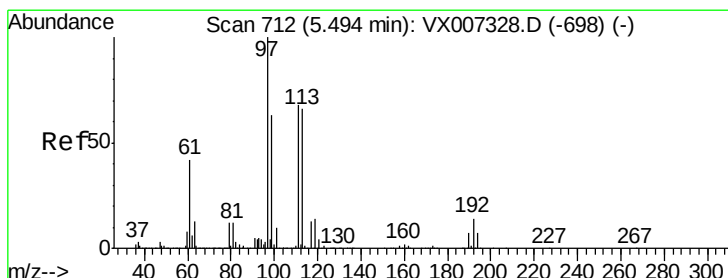
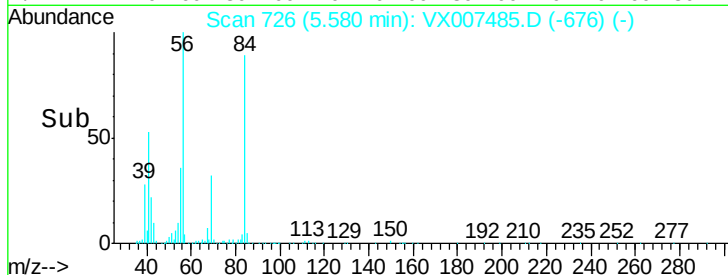
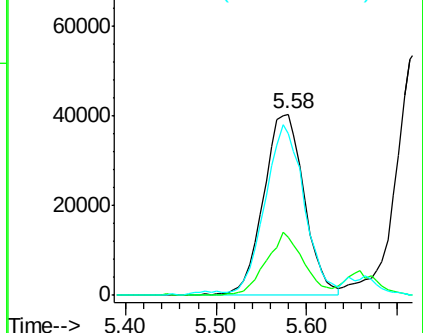
56 100

69 31.8 23.0 34.6

84 88.3 69.8 104.6



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 19.732 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX007485.D

Acq: 12 Feb 2019 13:43

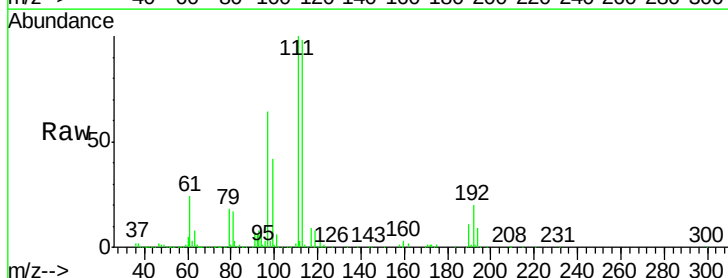
Tgt Ion: 97 Resp: 131861

Ion Ratio Lower Upper

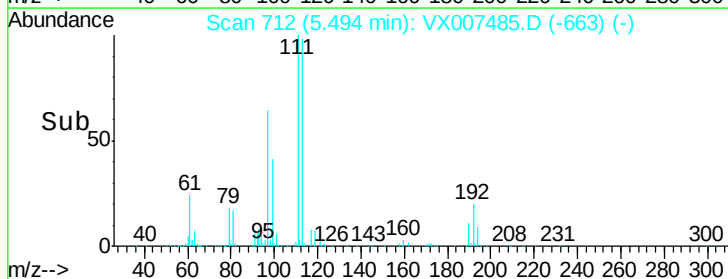
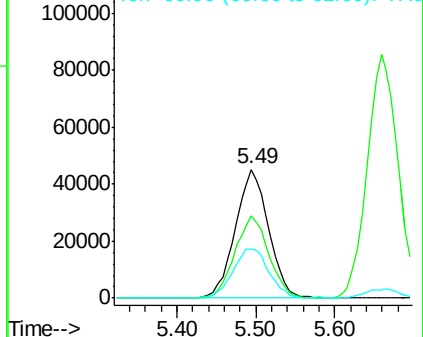
97 100

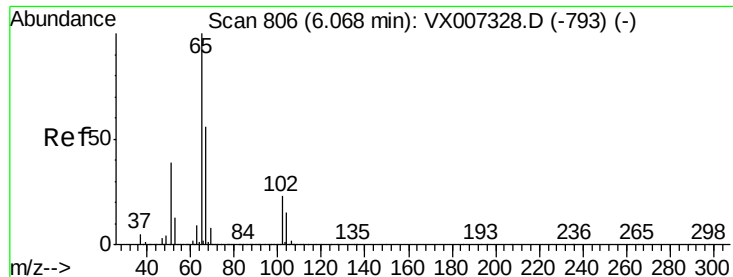
99 65.4 52.2 78.2

61 41.9 32.7 49.1



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0

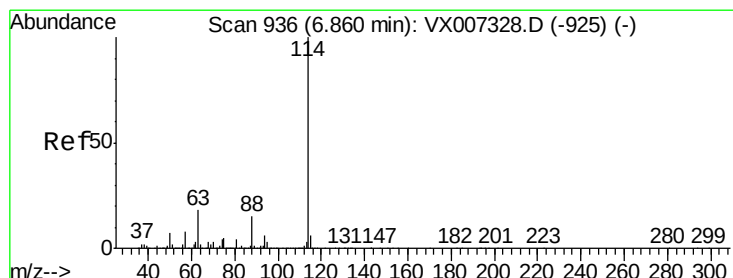
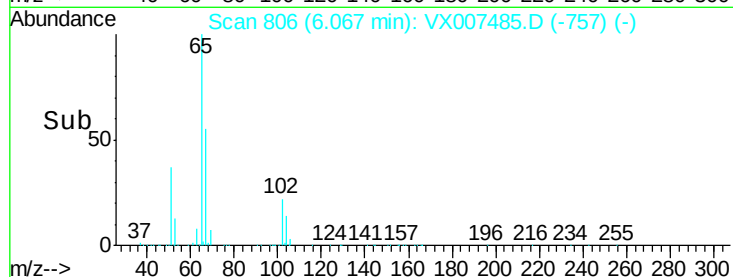
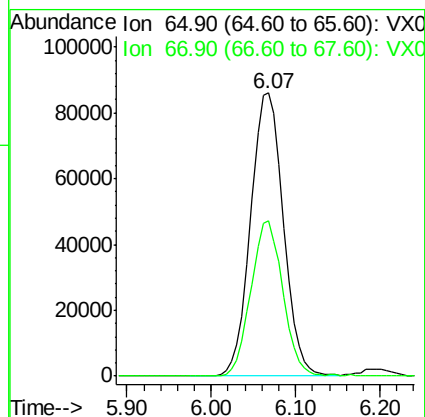
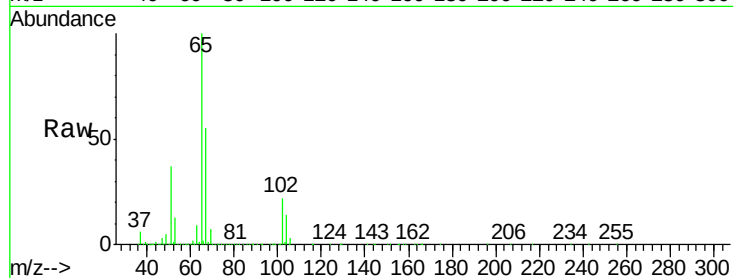




#33
 1,2-Dichloroethane-d4
 Concen: 46.384 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX007485.D
 Acq: 12 Feb 2019 13:43

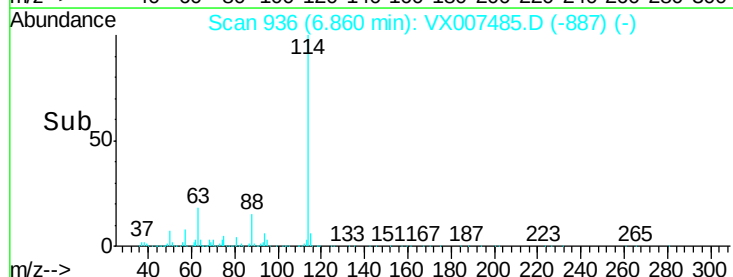
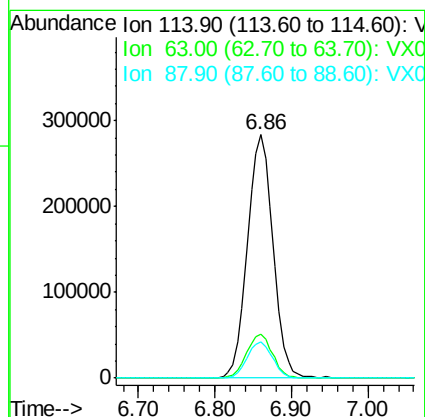
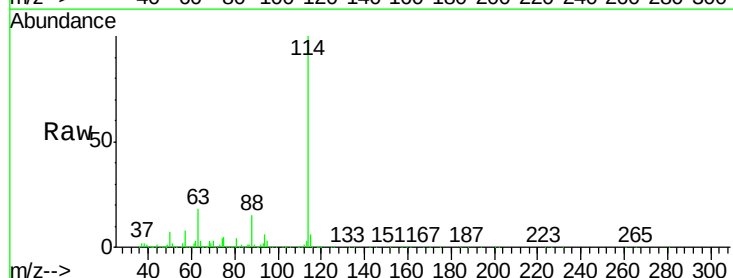
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0212WBS01

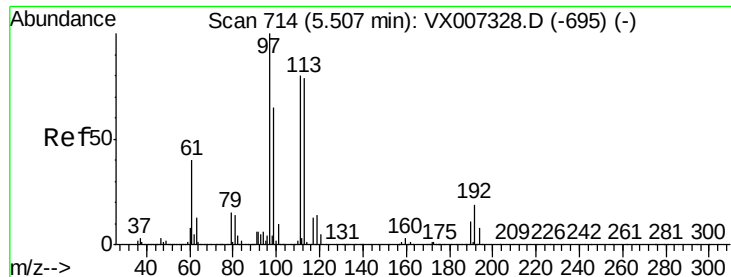
Tot Ion: 65 Resp: 227288
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 108.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX007485.D
 Acq: 12 Feb 2019 13:43

Tgt Ion: 114 Resp: 661494
 Ion Ratio Lower Upper
 114 100
 63 18.1 0.0 35.6
 88 14.7 0.0 29.6





#35

Dibromofluoromethane

Concen: 47.691 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.01 min

Lab File: VX007485.D

Acq: 12 Feb 2019 13:43

Instrument :

MSVOA_X

ClientSampleId :

VX0212WBS01

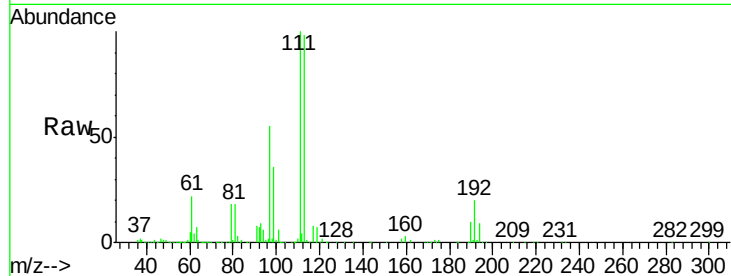
Tot Ion:113 Resp: 205266

Ion Ratio Lower Upper

113 100

111 103.6 81.8 122.8

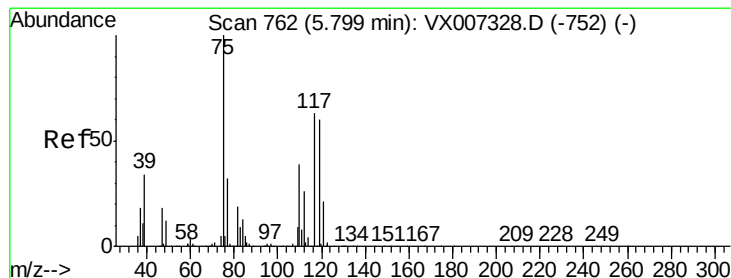
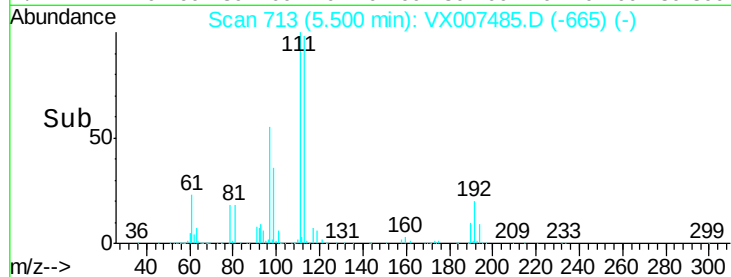
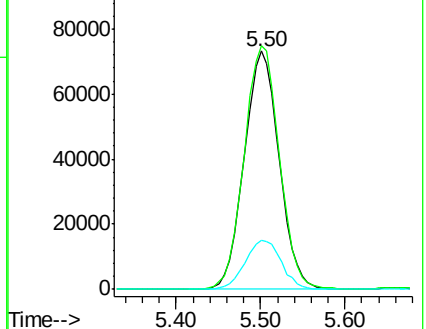
192 21.5 18.5 27.7



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 18.800 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX007485.D

Acq: 12 Feb 2019 13:43

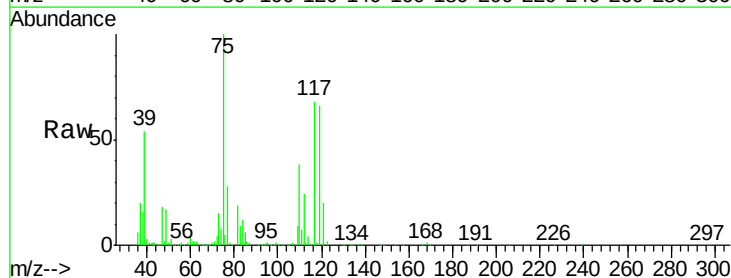
Tgt Ion: 75 Resp: 111584

Ion Ratio Lower Upper

75 100

110 39.8 20.0 59.9

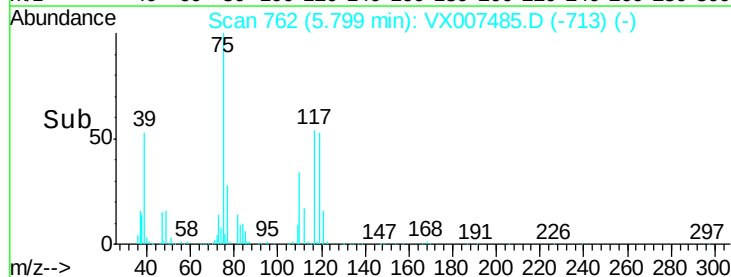
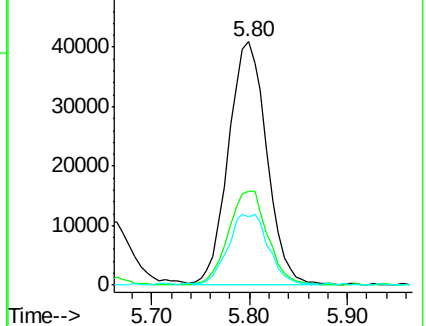
77 30.2 24.7 37.1

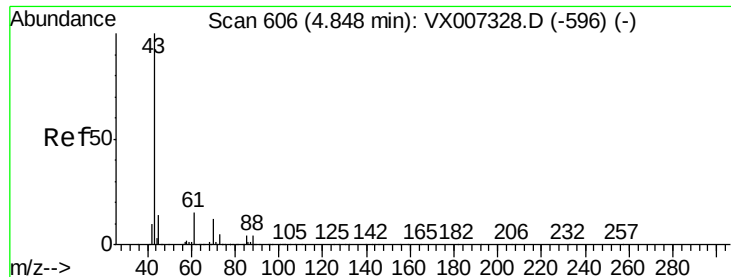


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

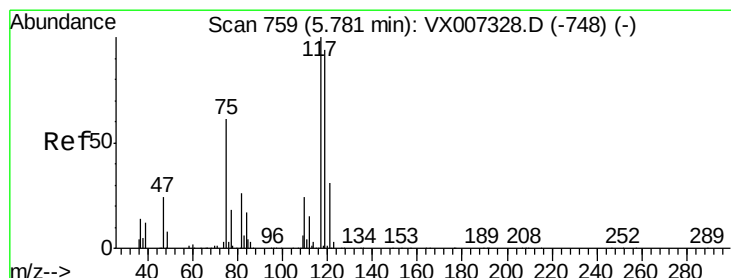
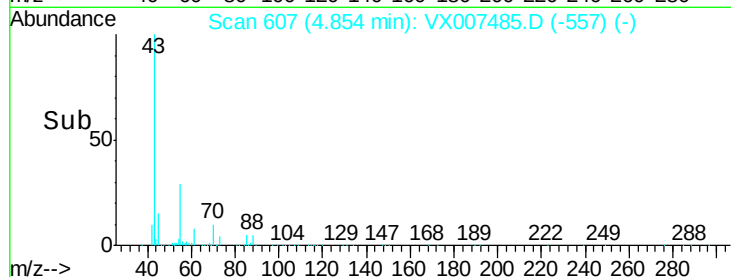
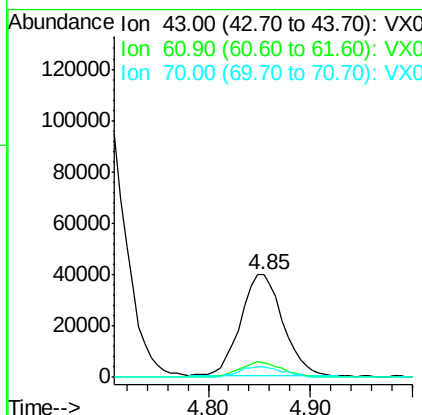
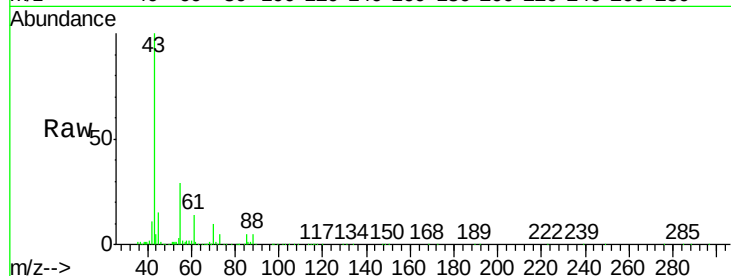




#37
Ethyl Acetate
Concen: 19.074 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX007485.D
Acq: 12 Feb 2019 13:43

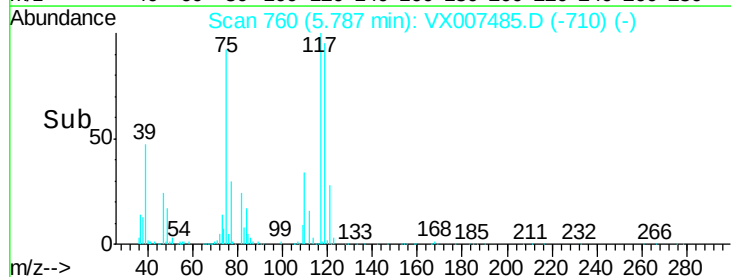
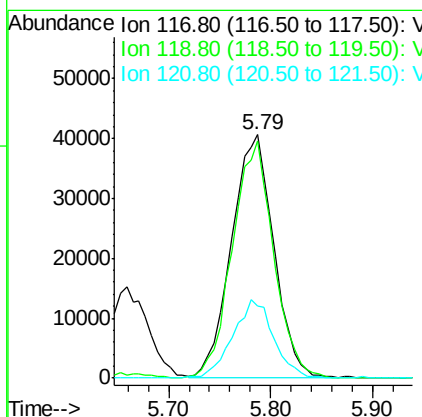
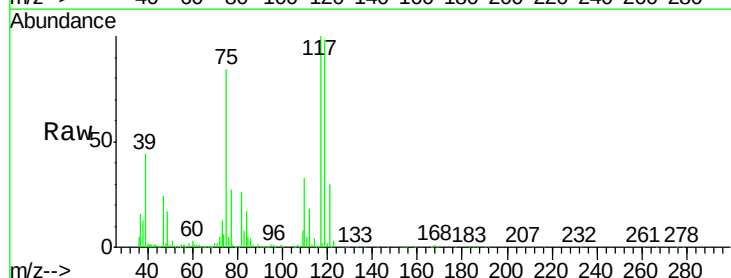
Instrument :
MSVOA_X
ClientSampleId :
VX0212WBS01

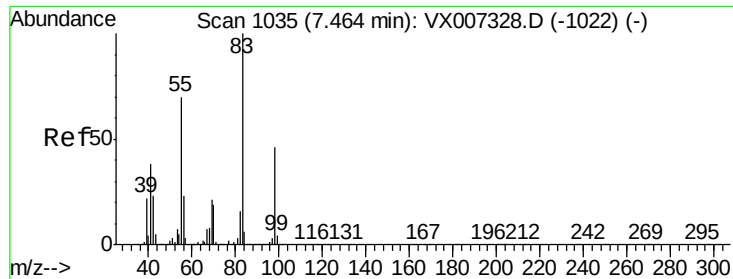
Tot Ion: 43 Resp: 114440
Ion Ratio Lower Upper
43 100
61 15.5 11.3 16.9
70 11.6 8.6 13.0



#38
Carbon Tetrachloride
Concen: 20.259 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX007485.D
Acq: 12 Feb 2019 13:43

Tgt Ion: 117 Resp: 116652
Ion Ratio Lower Upper
117 100
119 97.5 75.3 112.9
121 29.7 25.0 37.4

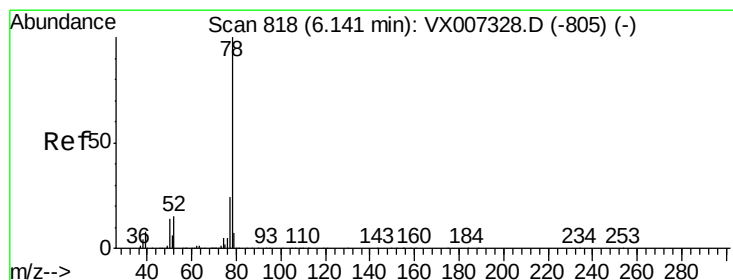
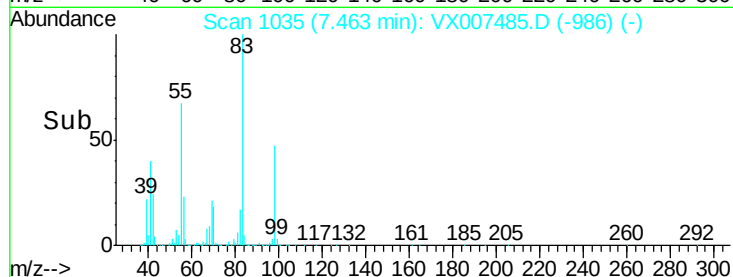
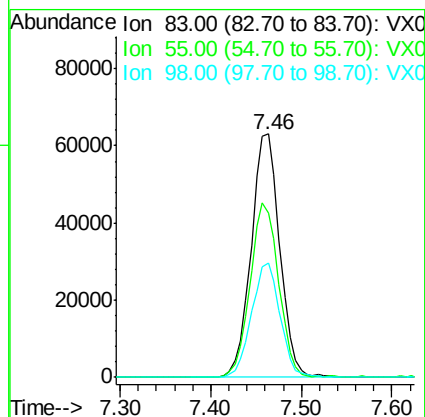
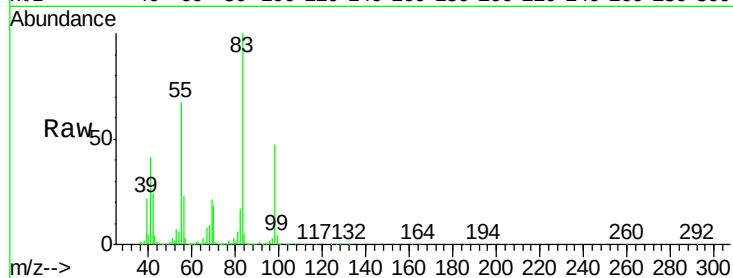




#39
Methylvlcyclohexane
Concen: 19.233 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX007485.D
Acq: 12 Feb 2019 13:43

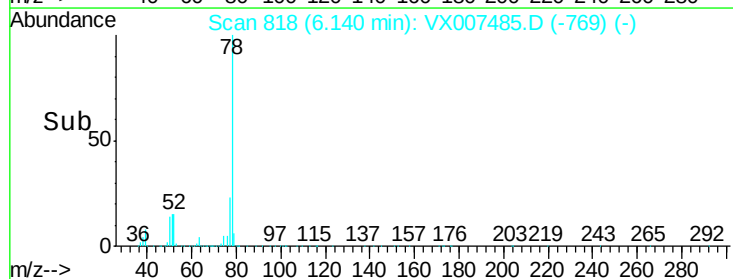
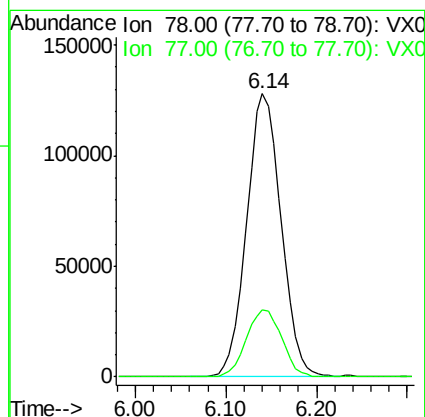
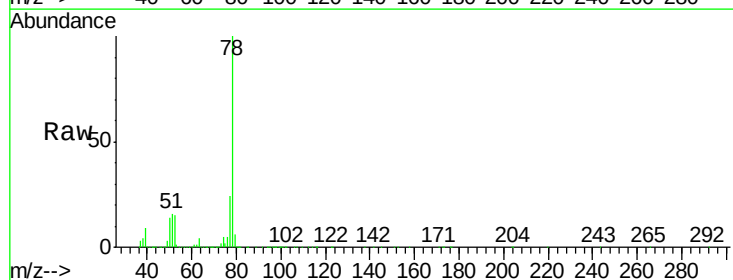
Instrument :
MSVOA_X
ClientSampleId :
VX0212WBS01

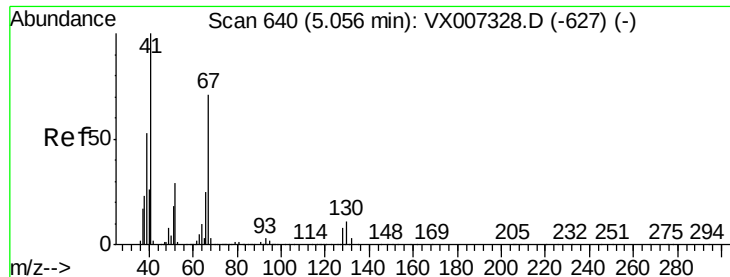
Tot Ion: 83 Resp: 138110
Ion Ratio Lower Upper
83 100
55 67.1 56.2 84.2
98 46.9 36.8 55.2



#40
Benzene
Concen: 19.234 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX007485.D
Acq: 12 Feb 2019 13:43

Tgt Ion: 78 Resp: 336271
Ion Ratio Lower Upper
78 100
77 23.5 19.3 28.9





#41

Methacrylonitrile

Concen: 20.356 ug/l

RT: 5.06 min Scan# 640

Delta R.T. -0.00 min

Lab File: VX007485.D

Acq: 12 Feb 2019 13:43

Instrument :

MSVOA_X

ClientSampleId :

VX0212WBS01

Tot Ion: 41 Resp: 65456

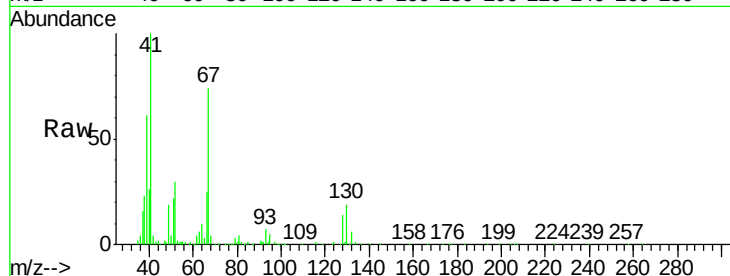
Ion Ratio Lower Upper

41 100

39 54.4 44.5 66.7

67 75.7 60.4 90.6

52 31.5 24.1 36.1

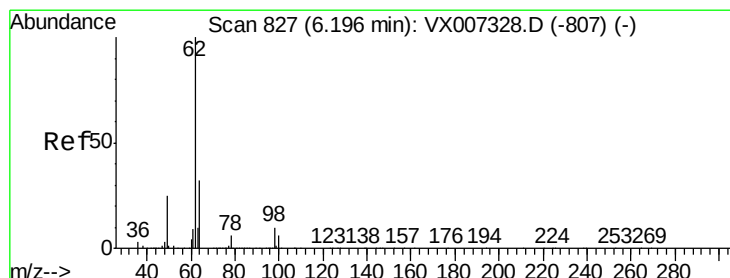
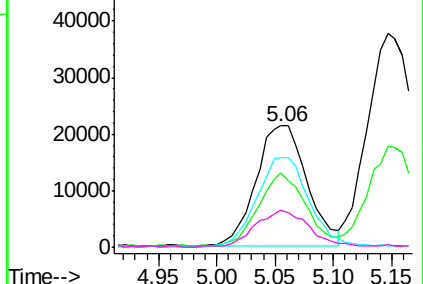
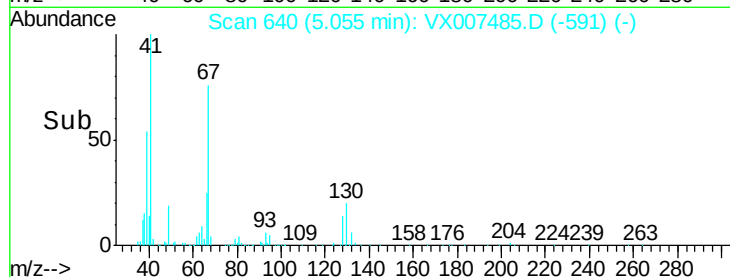


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 19.234 ug/l

RT: 6.20 min Scan# 827

Delta R.T. -0.00 min

Lab File: VX007485.D

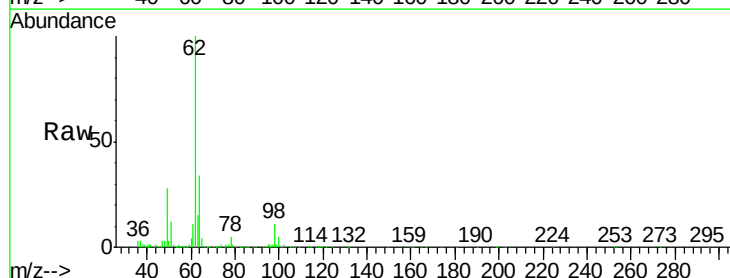
Acq: 12 Feb 2019 13:43

Tgt Ion: 62 Resp: 116351

Ion Ratio Lower Upper

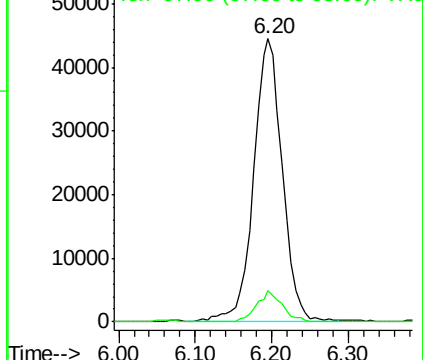
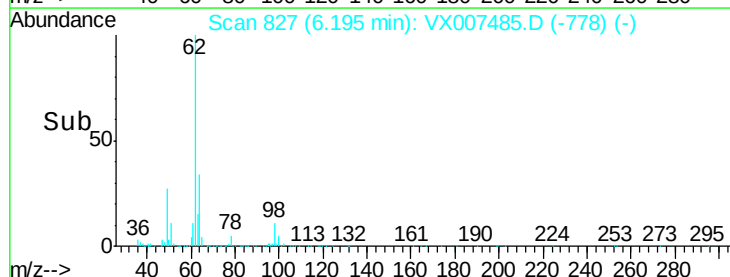
62 100

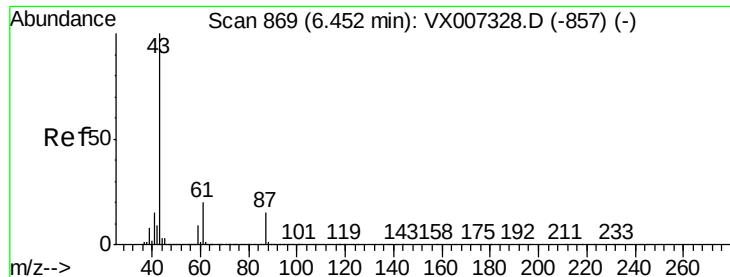
98 9.9 0.0 19.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



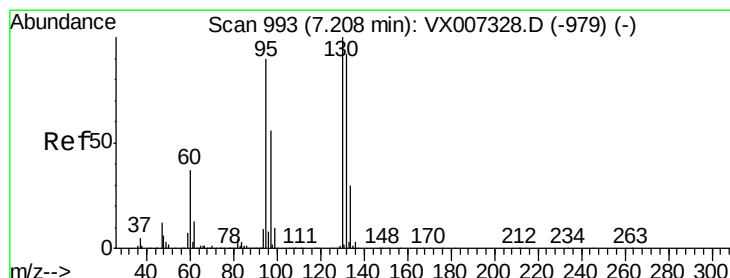
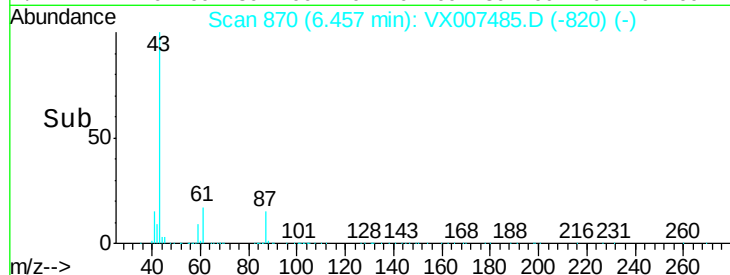
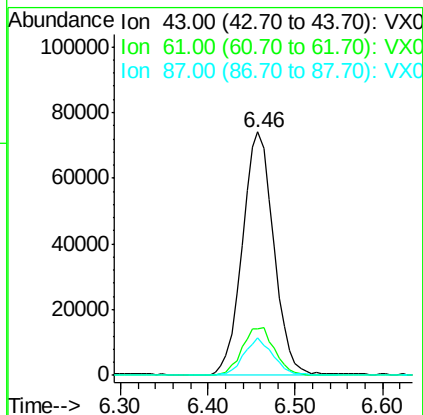
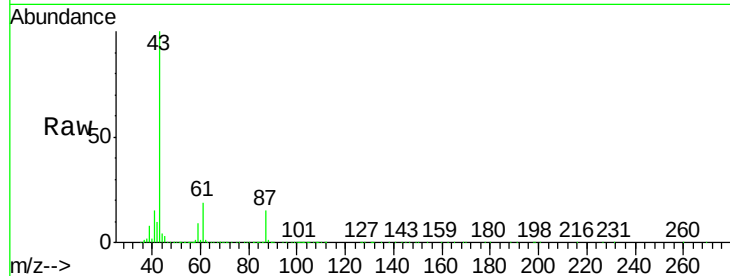


#43

Isopropyl Acetate
 Concen: 19.795 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. 0.01 min
 Lab File: VX007485.D
 Acq: 12 Feb 2019 13:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0212WBS01

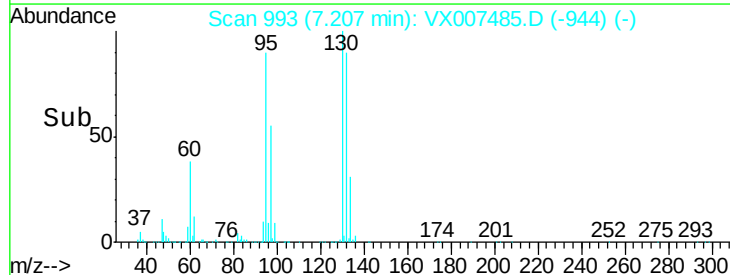
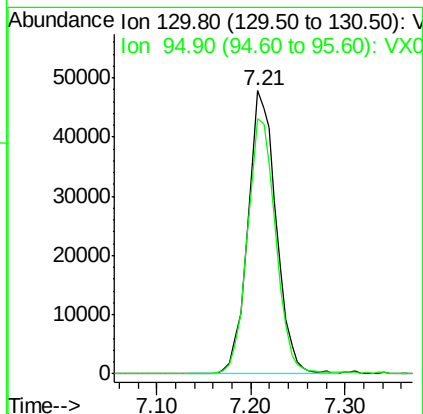
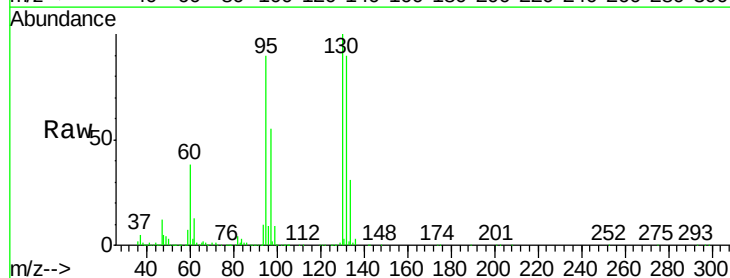
Tot Ion	Ratio	Lower	Upper
43	100		
61	20.5	16.1	24.1
87	14.5	11.5	17.3

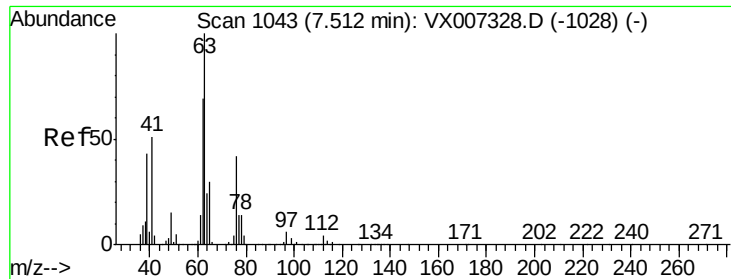


#44

Trichloroethene
 Concen: 19.166 ug/l
 RT: 7.21 min Scan# 993
 Delta R.T. -0.00 min
 Lab File: VX007485.D
 Acq: 12 Feb 2019 13:43

Tgt Ion	Ratio	Lower	Upper
130	100		
95	90.0	0.0	180.0





#45

1,2-Dichloropropane

Concen: 19.440 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.01 min

Lab File: VX007485.D

Acq: 12 Feb 2019 13:43

Instrument :

MSVOA_X

ClientSampleId :

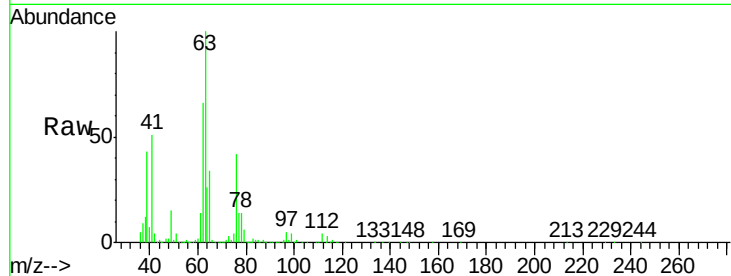
VX0212WBS01

Tot Ion: 63 Resp: 85158

Ion Ratio Lower Upper

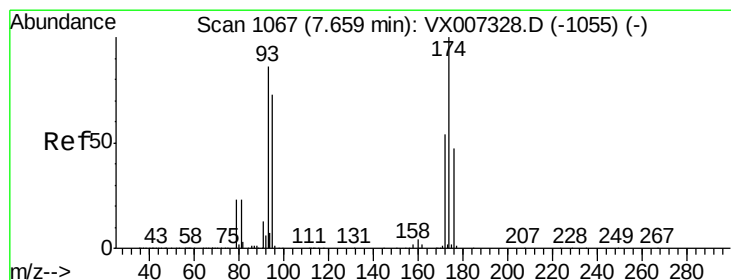
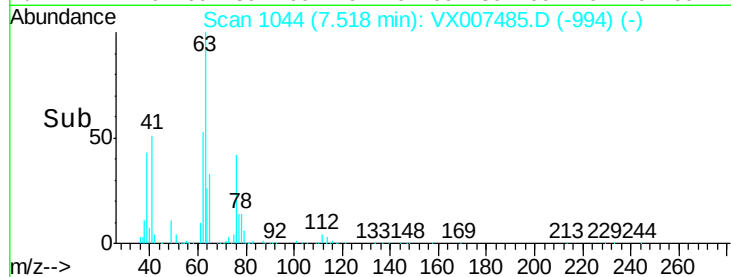
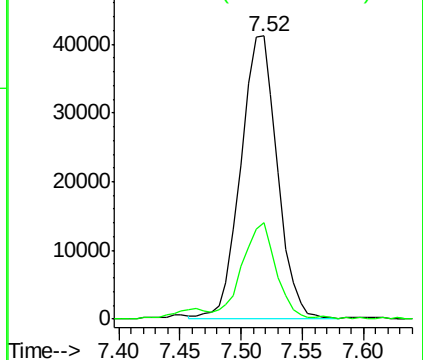
63 100

65 34.0 24.2 36.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 19.065 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX007485.D

Acq: 12 Feb 2019 13:43

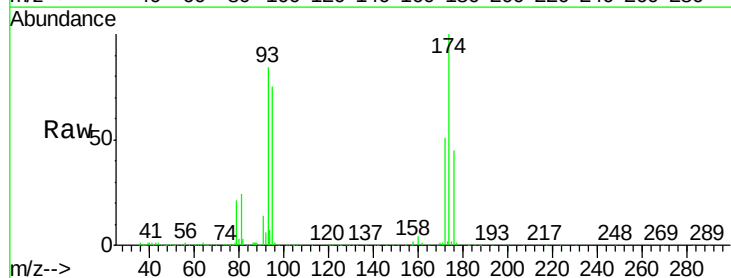
Tgt Ion: 93 Resp: 60697

Ion Ratio Lower Upper

93 100

95 83.9 67.6 101.4

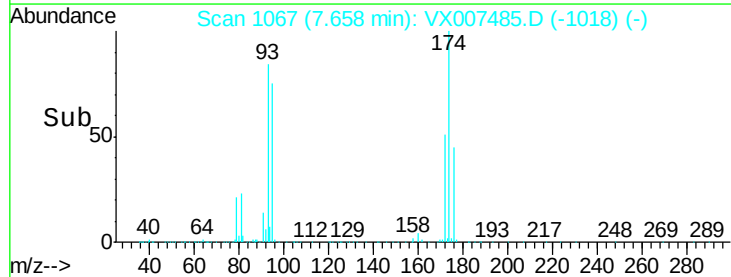
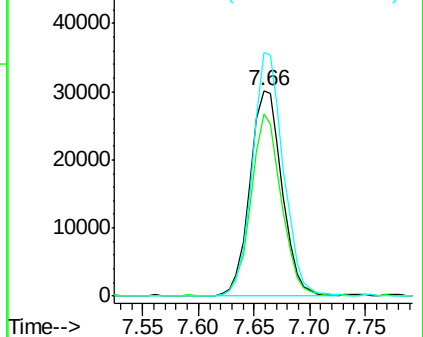
174 114.3 94.2 141.4

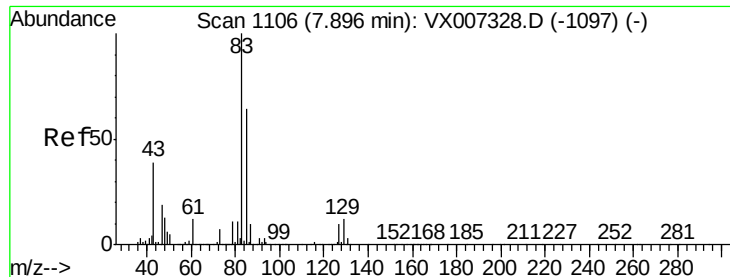


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 20.311 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX007485.D

Acq: 12 Feb 2019 13:43

Instrument :

MSVOA_X

ClientSampleId :

VX0212WBS01

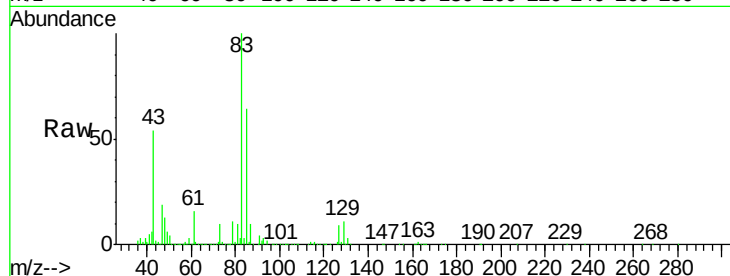
Tot Ion: 83 Resp: 109593

Ion Ratio Lower Upper

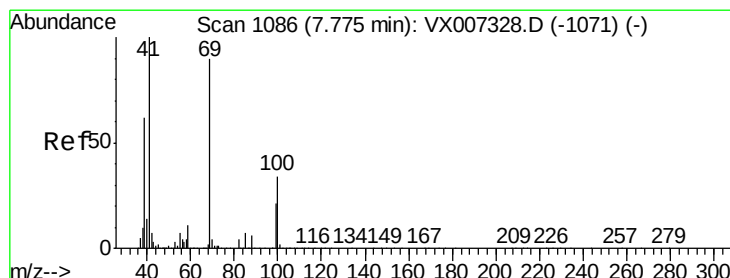
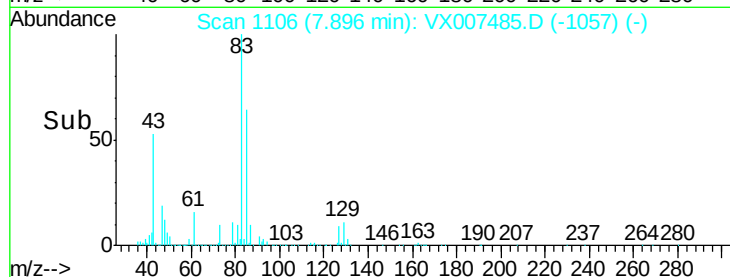
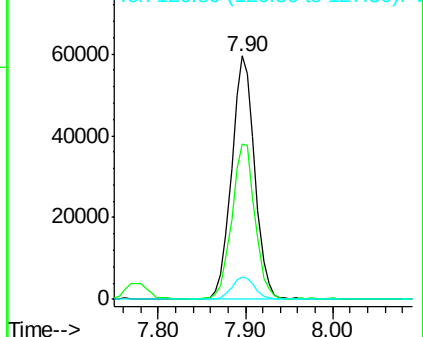
83 100

85 63.8 51.4 77.0

127 8.9 8.1 12.1



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: 20.103 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX007485.D

Acq: 12 Feb 2019 13:43

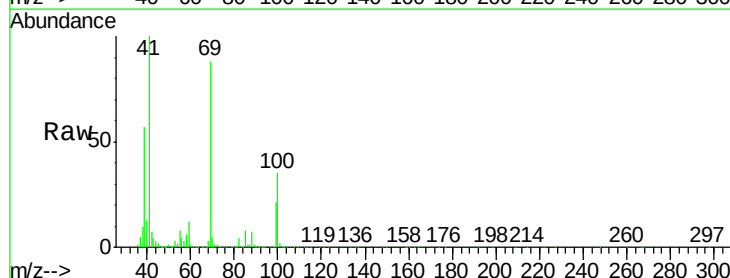
Tgt Ion: 41 Resp: 93119

Ion Ratio Lower Upper

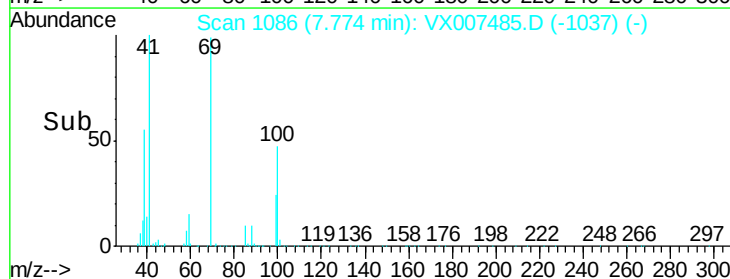
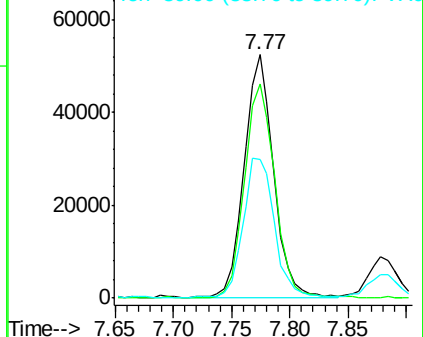
41 100

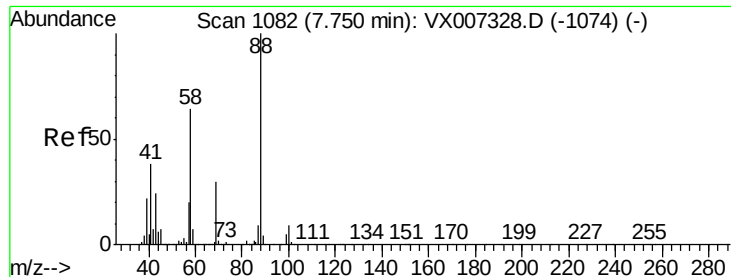
69 89.8 70.2 105.4

39 60.4 47.4 71.0



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 428.945 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. -0.00 min

Lab File: VX007485.D

Acq: 12 Feb 2019 13:43

Instrument :

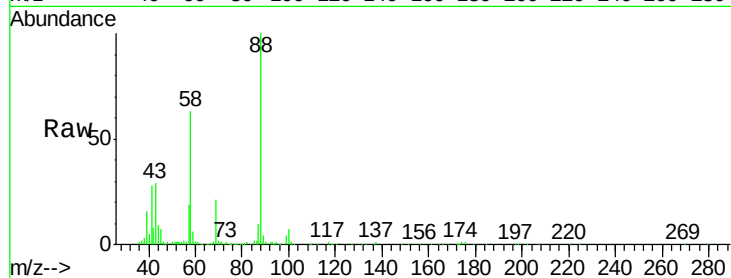
MSVOA_X

ClientSampleId :

VX0212WBS01

Tot Ion: 88 Resp: 44770

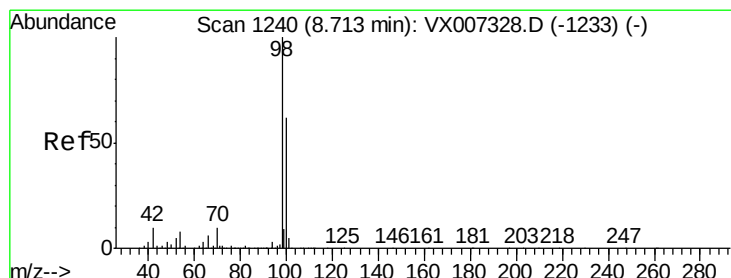
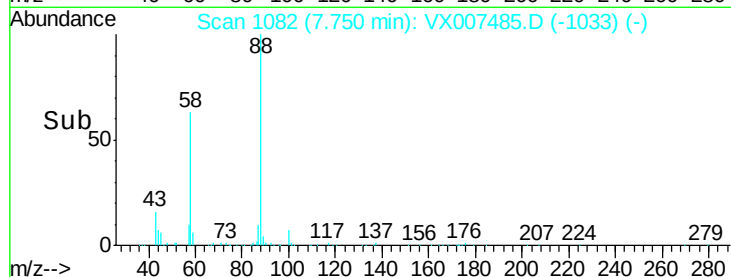
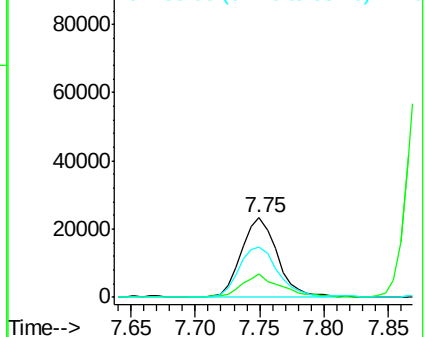
Ion	Ratio	Lower	Upper
88	100		
43	30.3	24.2	36.4
58	69.1	53.0	79.4



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 47.910 ug/l

RT: 8.71 min Scan# 1240

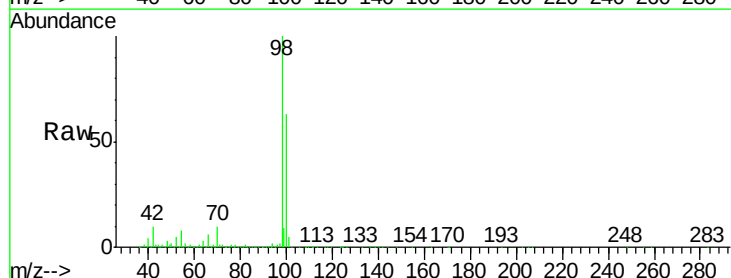
Delta R.T. -0.00 min

Lab File: VX007485.D

Acq: 12 Feb 2019 13:43

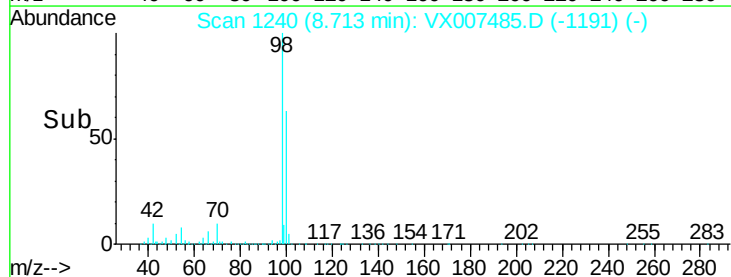
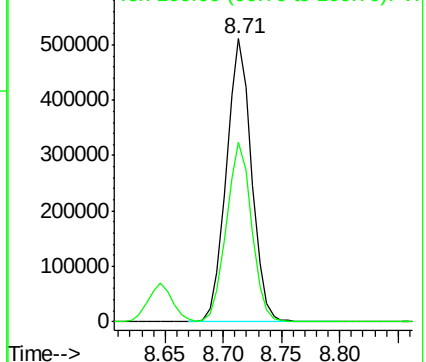
Tgt Ion: 98 Resp: 765071

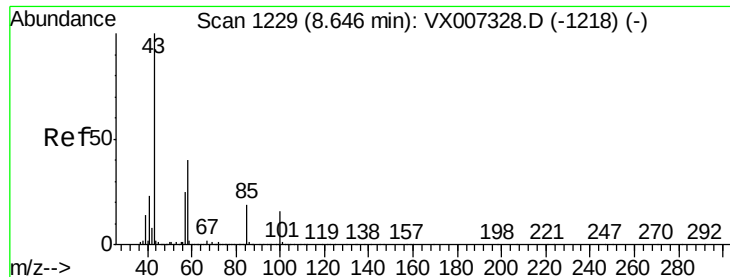
Ion	Ratio	Lower	Upper
98	100		
100	63.8	51.6	77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 103.703 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VX007485.D

Acq: 12 Feb 2019 13:43

Instrument :

MSVOA_X

ClientSampleId :

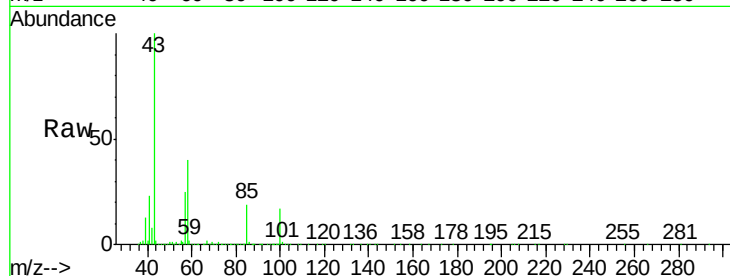
VX0212WBS01

Tot Ion: 43 Resp: 632208

Ion Ratio Lower Upper

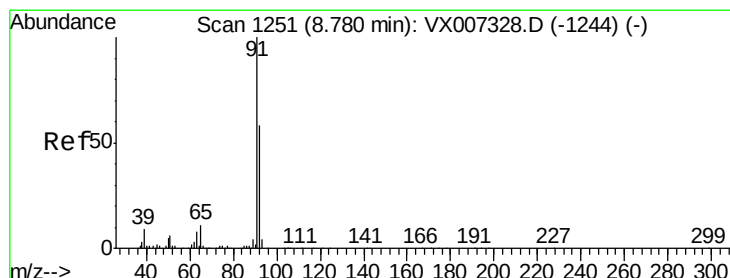
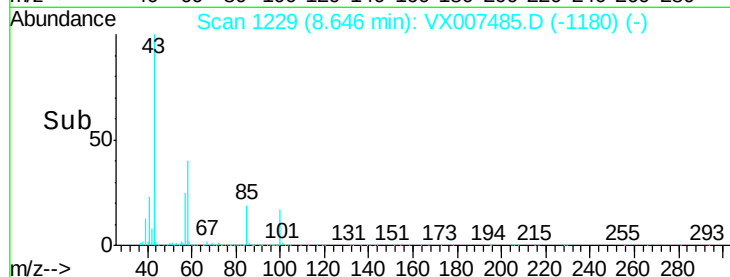
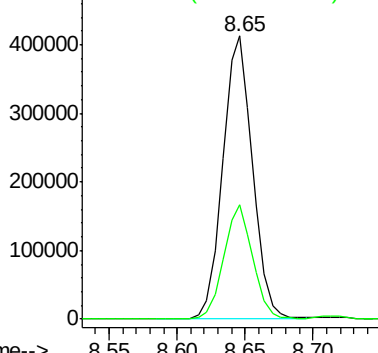
43 100

58 39.4 31.2 46.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 19.449 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VX007485.D

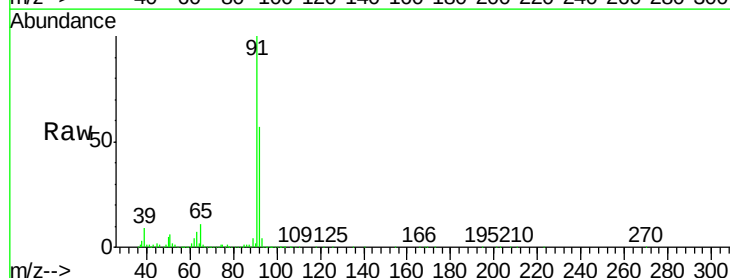
Acq: 12 Feb 2019 13:43

Tgt Ion: 92 Resp: 219388

Ion Ratio Lower Upper

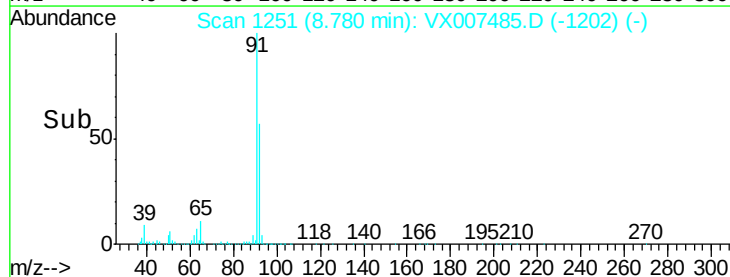
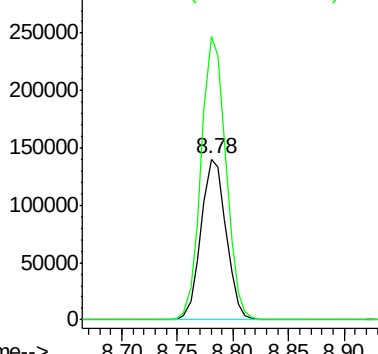
92 100

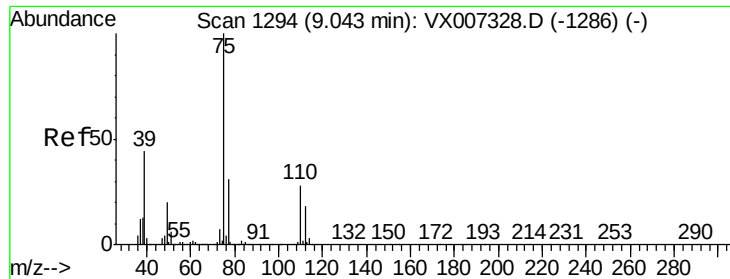
91 174.6 139.1 208.7



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

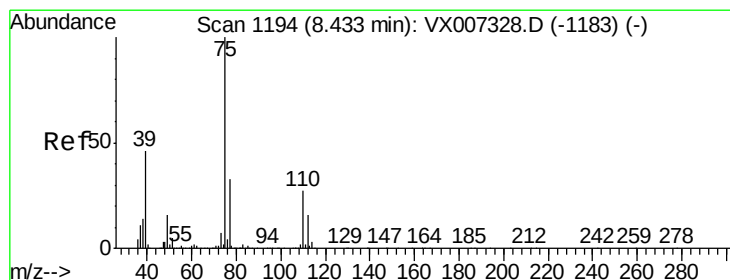
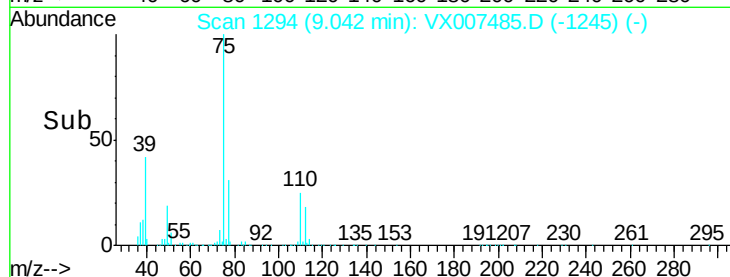
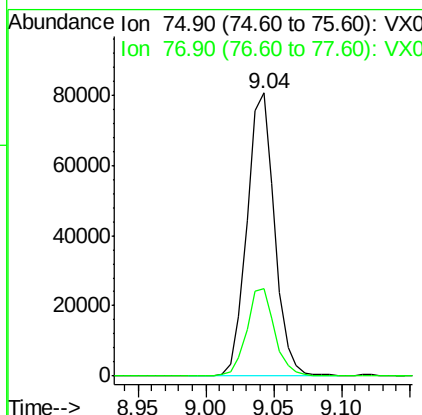
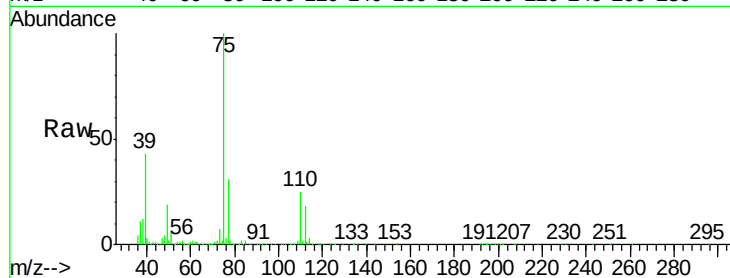




#53
 t-1,3-Dichloropropene
 Concen: 19.808 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: VX007485.D
 Acq: 12 Feb 2019 13:43

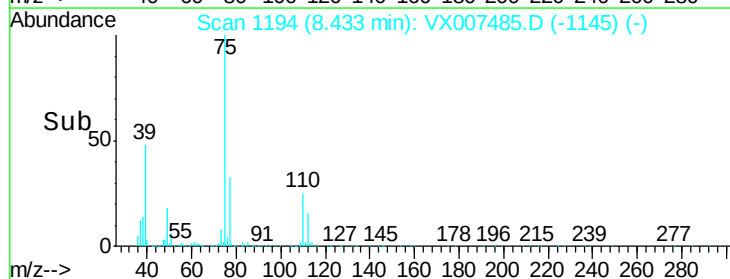
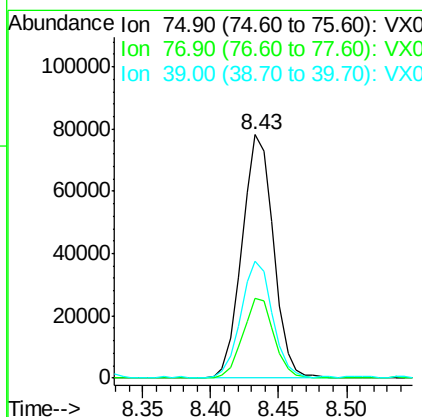
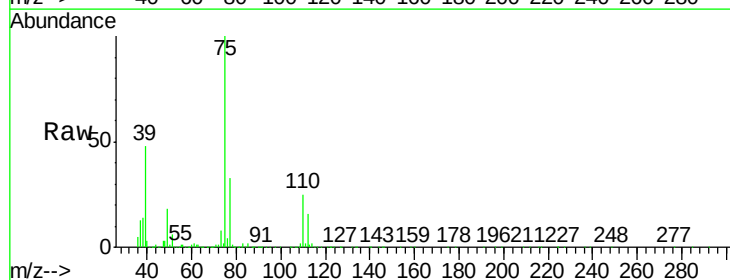
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0212WBS01

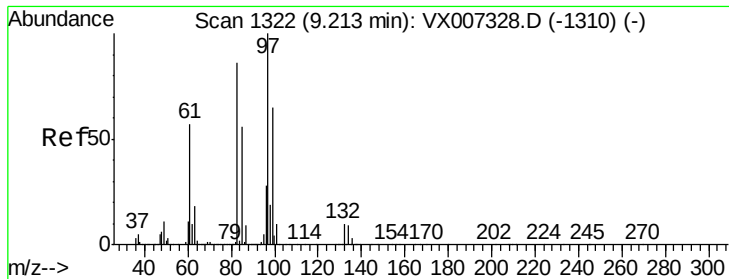
Tot Ion: 75 Resp: 114804
 Ion Ratio Lower Upper
 75 100
 77 30.7 25.2 37.8



#54
 cis-1,3-Dichloropropene
 Concen: 19.930 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX007485.D
 Acq: 12 Feb 2019 13:43

Tgt Ion: 75 Resp: 127028
 Ion Ratio Lower Upper
 75 100
 77 32.4 26.2 39.4
 39 47.9 37.1 55.7





#55

1,1,2-Trichloroethane

Concen: 19.516 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX007485.D

Acq: 12 Feb 2019 13:43

Instrument :

MSVOA_X

ClientSampleId :

VX0212WBS01

Tot Ion: 97 Resp: 91764

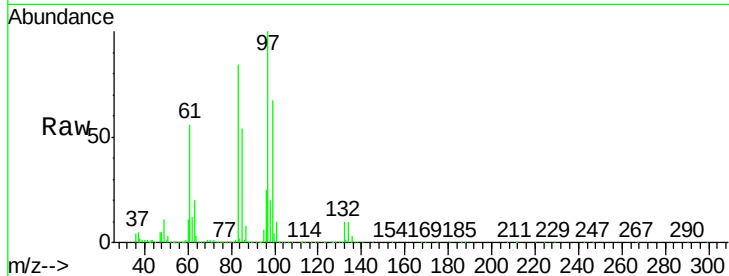
Ion Ratio Lower Upper

97 100

83 84.0 68.6 102.8

85 53.8 44.5 66.7

99 66.8 52.2 78.4

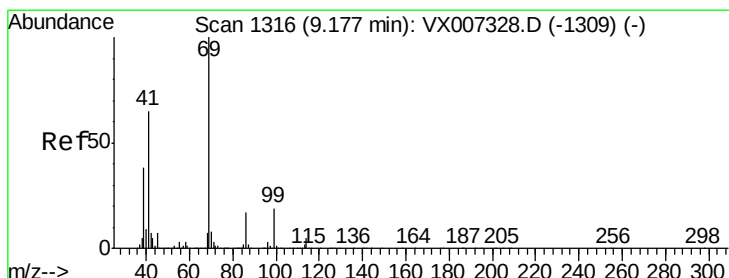
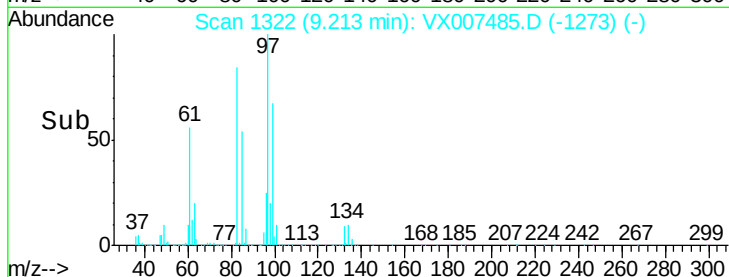
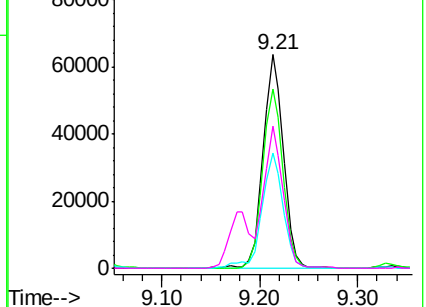


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 20.261 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VX007485.D

Acq: 12 Feb 2019 13:43

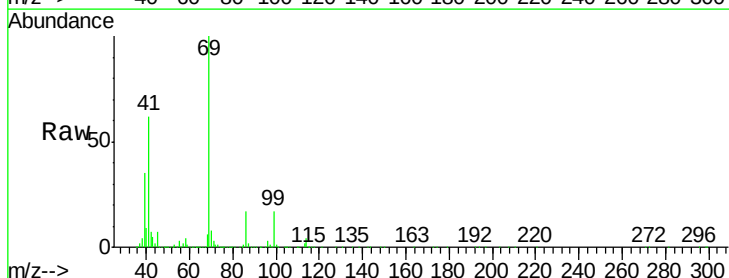
Tgt Ion: 69 Resp: 131947

Ion Ratio Lower Upper

69 100

41 61.5 52.1 78.1

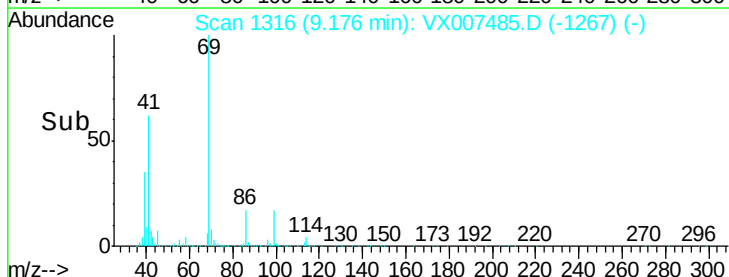
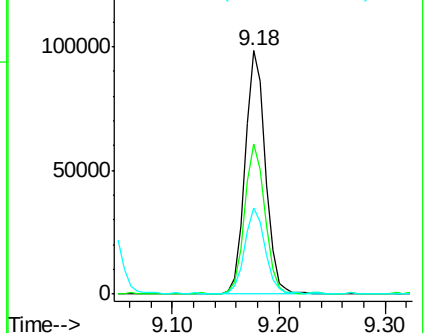
39 34.9 30.1 45.1

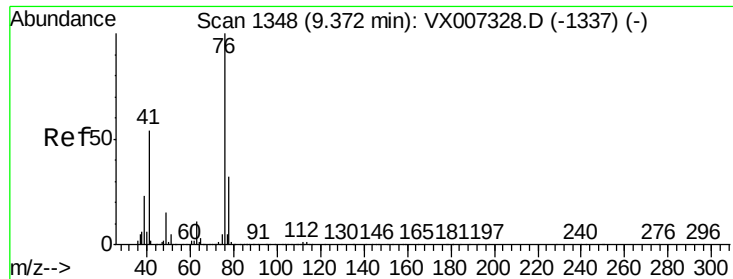


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

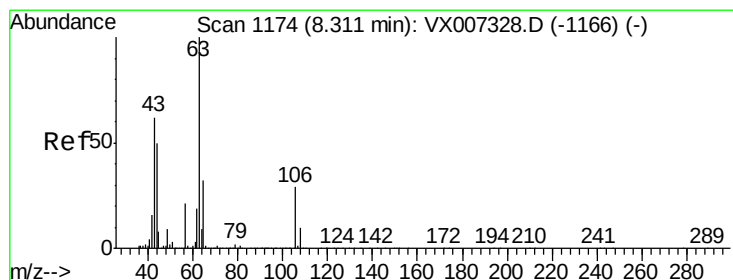
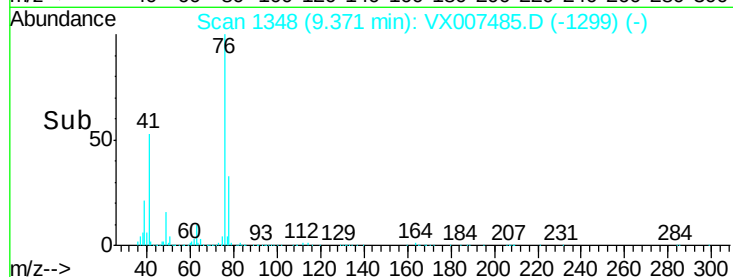
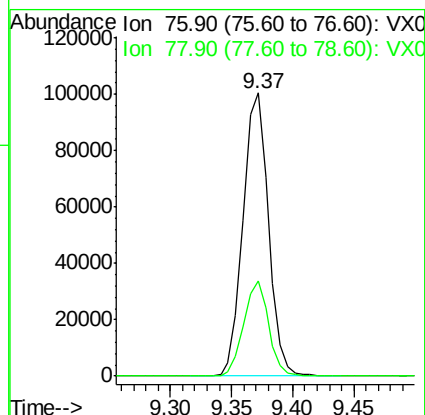
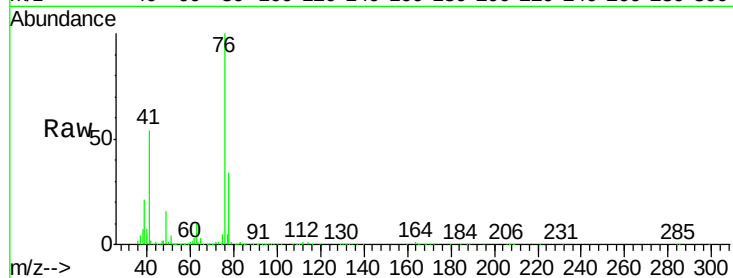




#57
 1,3-Dichloropropane
 Concen: 19.428 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX007485.D
 Acq: 12 Feb 2019 13:43

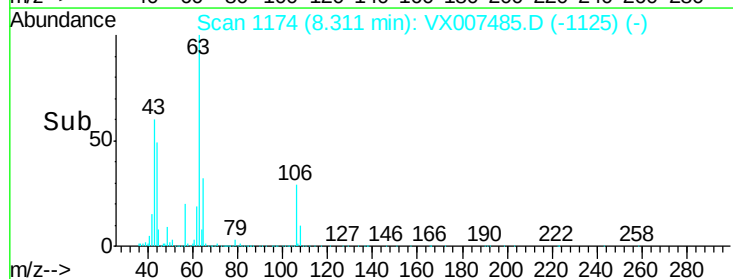
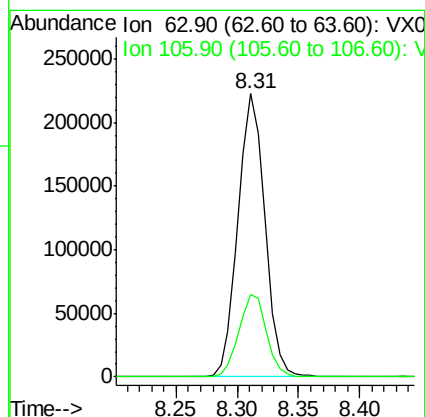
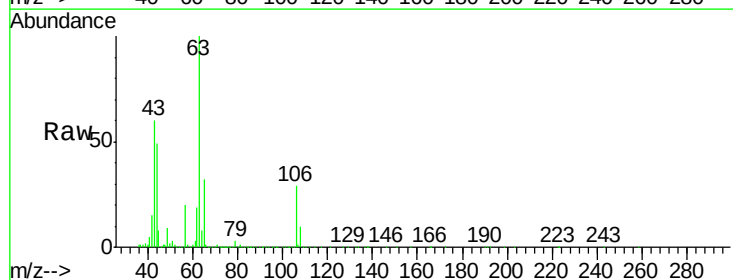
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0212WBS01

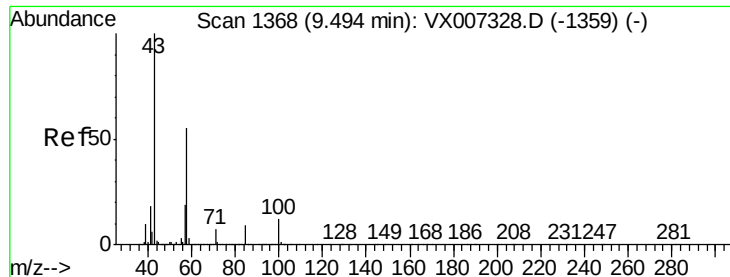
Tot Ion: 76 Resp: 145274
 Ion Ratio Lower Upper
 76 100
 78 32.9 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 98.674 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: VX007485.D
 Acq: 12 Feb 2019 13:43

Tgt Ion: 63 Resp: 338701
 Ion Ratio Lower Upper
 63 100
 106 30.0 23.6 35.4

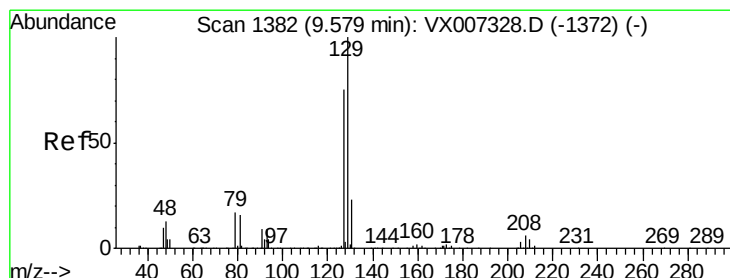
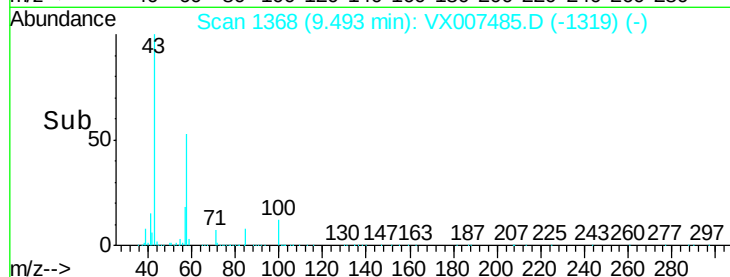
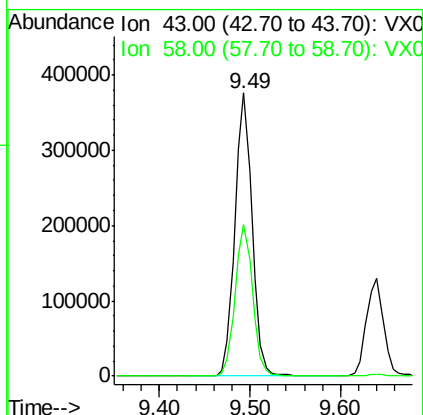
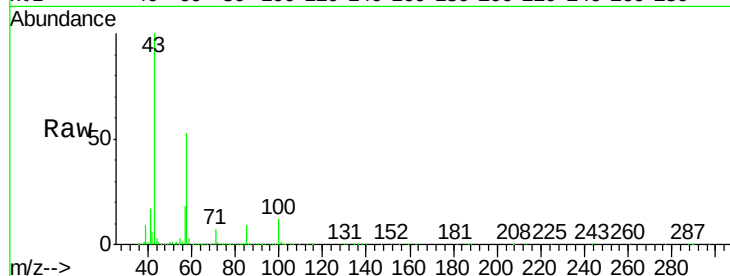




#59
2-Hexanone
Concen: 104.366 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX007485.D
Acq: 12 Feb 2019 13:43

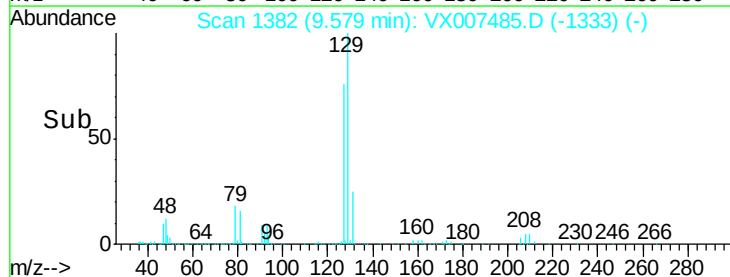
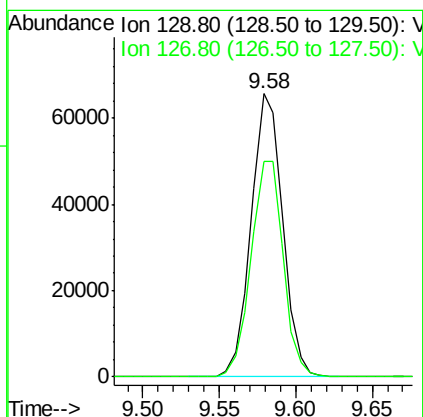
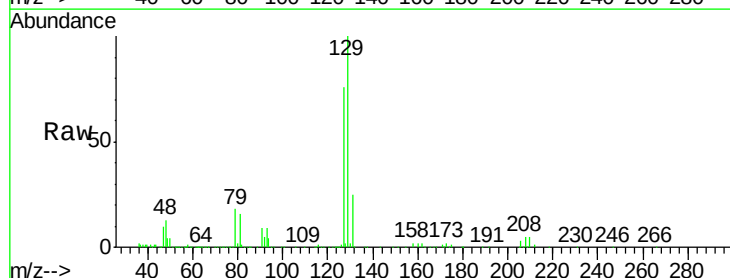
Instrument :
MSVOA_X
ClientSampleId :
VX0212WBS01

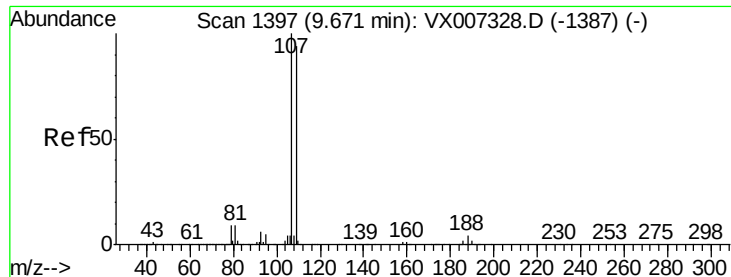
Tot Ion: 43 Resp: 495112
Ion Ratio Lower Upper
43 100
58 54.5 27.1 81.3



#60
Dibromochloromethane
Concen: 21.172 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX007485.D
Acq: 12 Feb 2019 13:43

Tgt Ion: 129 Resp: 94151
Ion Ratio Lower Upper
129 100
127 78.4 37.8 113.4





#61

1,2-Dibromoethane

Concen: 19.828 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX007485.D

Acq: 12 Feb 2019 13:43

Instrument :

MSVOA_X

ClientSampleId :

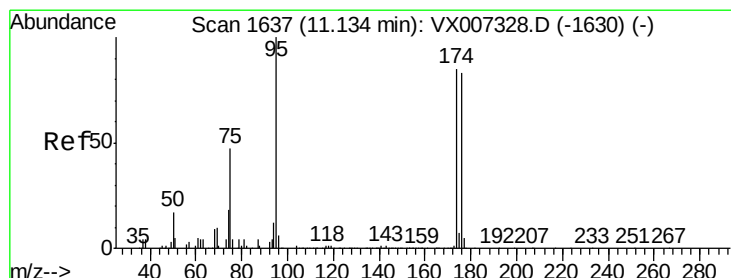
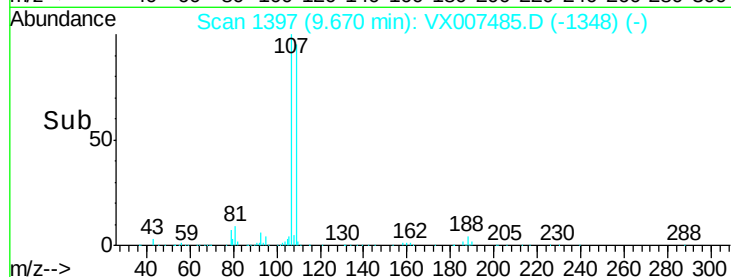
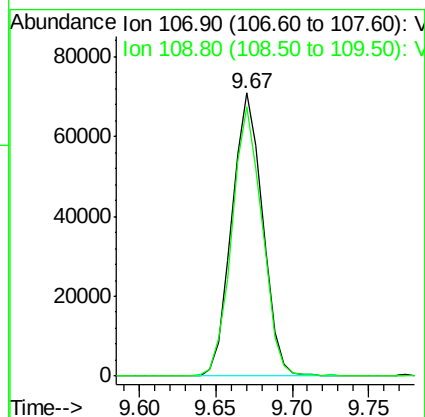
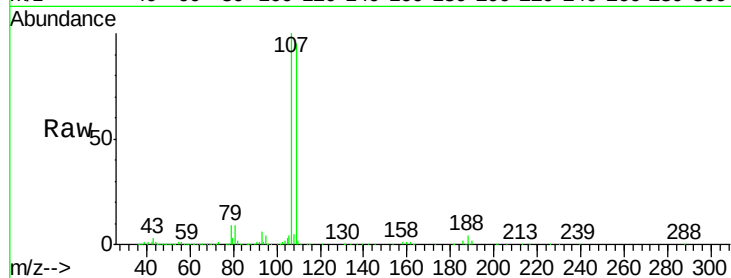
VX0212WBS01

Tot Ion:107 Resp: 98733

Ion Ratio Lower Upper

107 100

109 94.3 75.1 112.7



#62

4-Bromofluorobenzene

Concen: 47.129 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007485.D

Acq: 12 Feb 2019 13:43

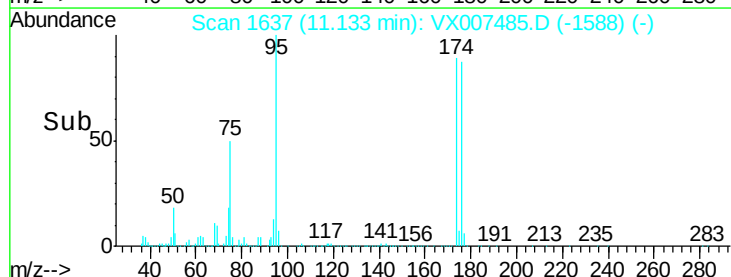
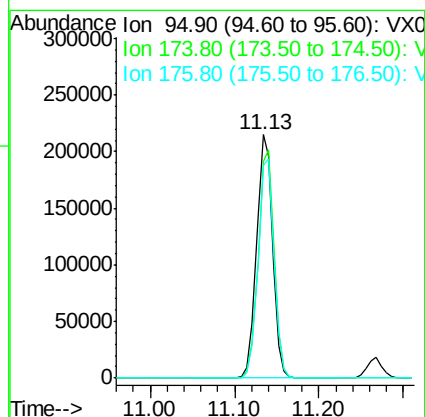
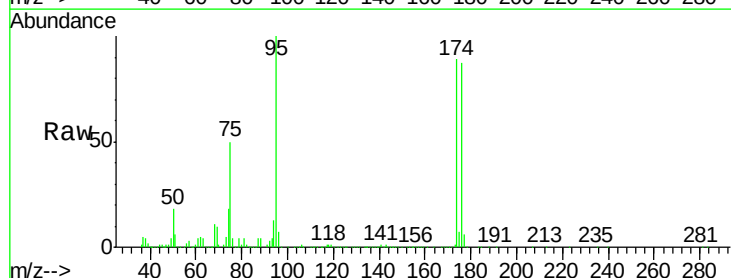
Tgt Ion: 95 Resp: 274775

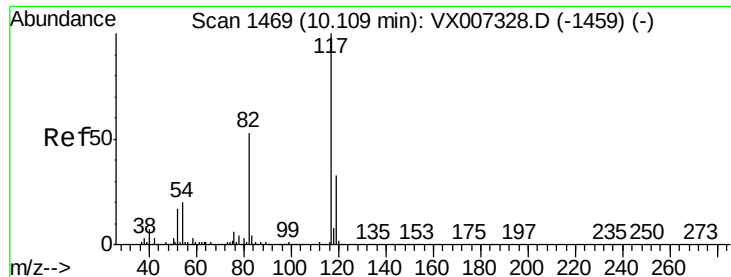
Ion Ratio Lower Upper

95 100

174 93.6 0.0 189.2

176 91.0 0.0 186.2

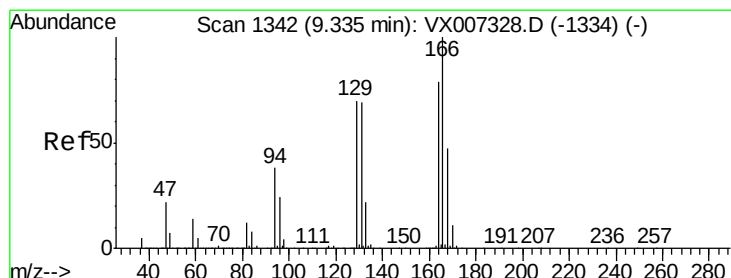
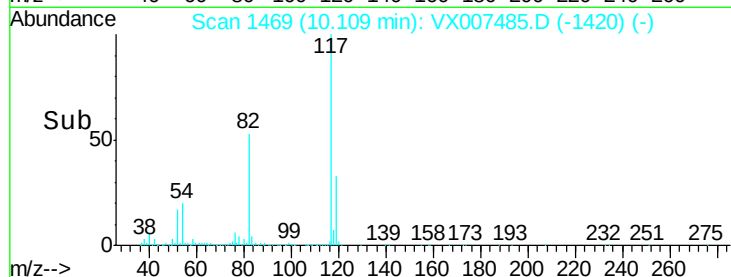
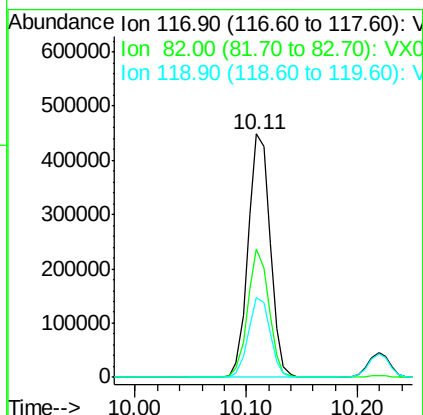
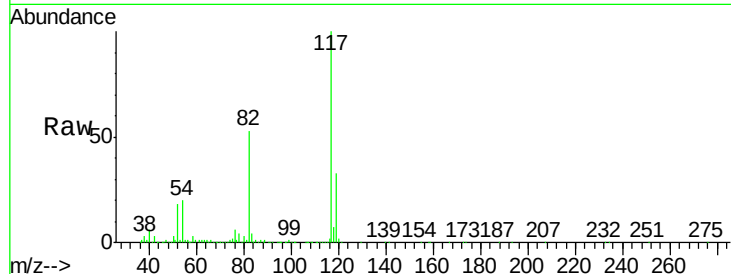




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX007485.D
Acq: 12 Feb 2019 13:43

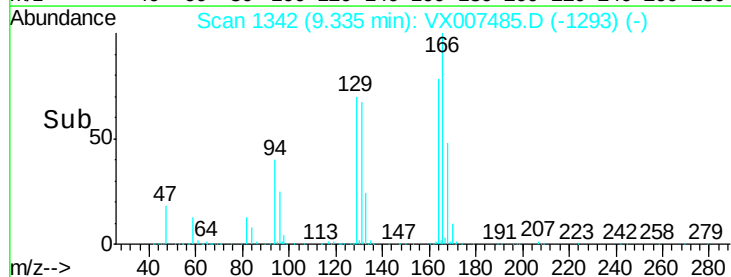
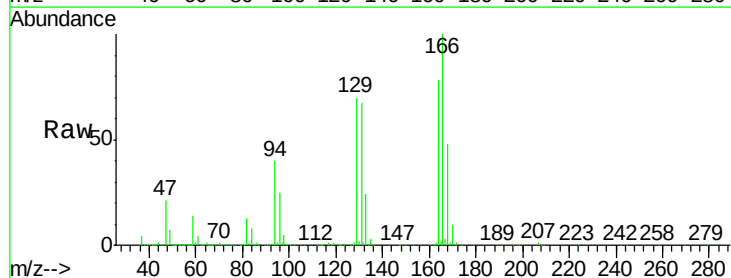
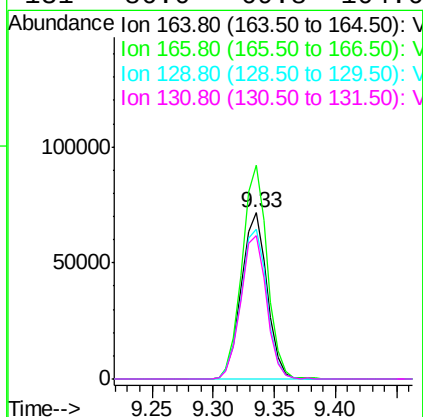
Instrument :
MSVOA_X
ClientSampleId :
VX0212WBS01

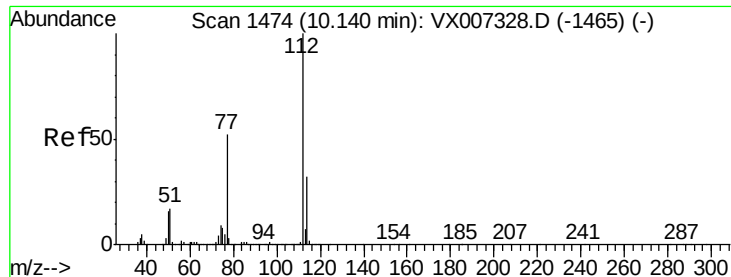
Tot Ion	Ratio	Lower	Upper
117	100		
82	52.6	42.1	63.1
119	33.0	26.5	39.7



#64
Tetrachloroethene
Concen: 17.879 ug/l
RT: 9.33 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX007485.D
Acq: 12 Feb 2019 13:43

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.6	101.0	151.4
129	90.0	70.5	105.7
131	86.0	69.8	104.6

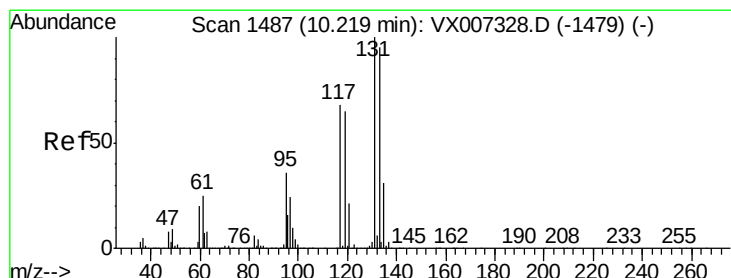
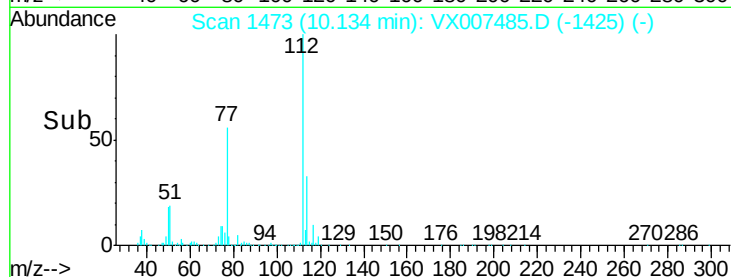
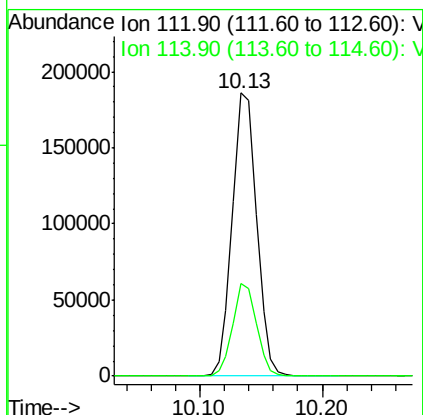
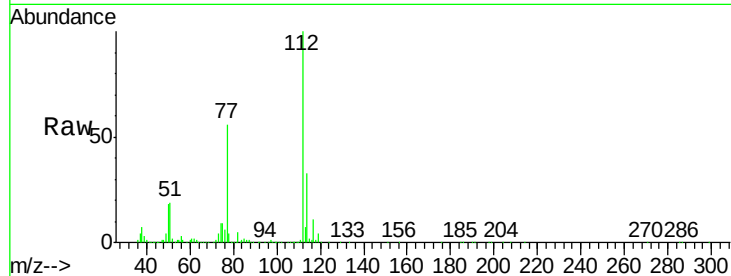




#65
Chlorobenzene
Concen: 19.050 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.01 min
Lab File: VX007485.D
Acq: 12 Feb 2019 13:43

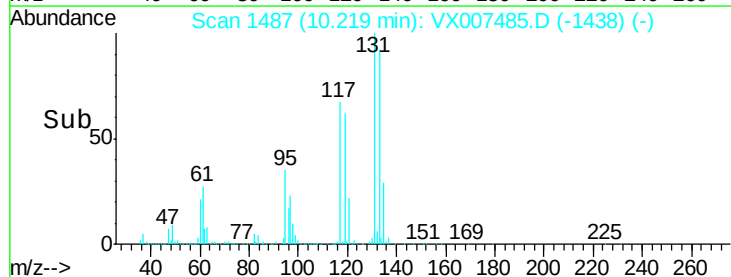
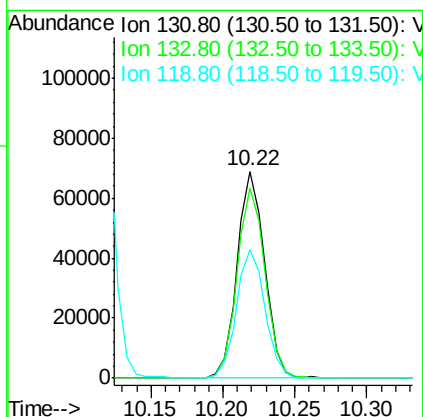
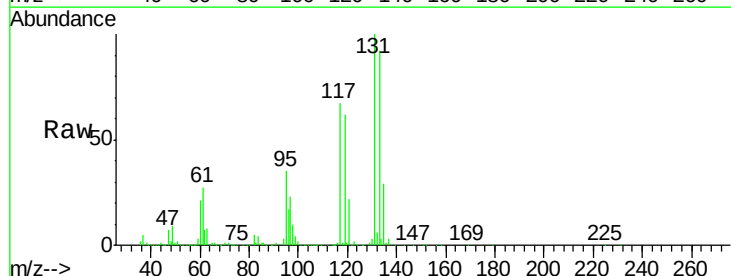
Instrument :
MSVOA_X
ClientSampleId :
VX0212WBS01

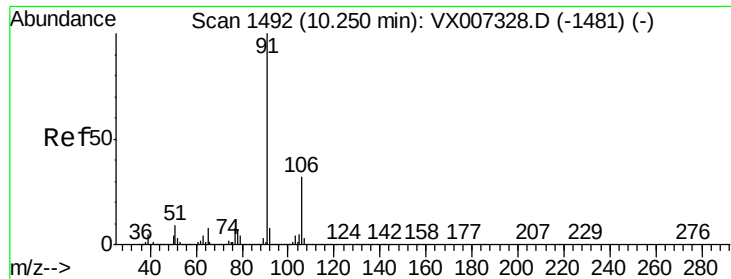
Tot Ion:112 Resp: 256749
Ion Ratio Lower Upper
112 100
114 32.6 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 20.296 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX007485.D
Acq: 12 Feb 2019 13:43

Tgt Ion:131 Resp: 91707
Ion Ratio Lower Upper
131 100
133 93.6 48.0 144.2
119 64.4 32.0 96.0





#67

Ethyl Benzene

Concen: 19.229 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX007485.D

Acq: 12 Feb 2019 13:43

Instrument :

MSVOA_X

ClientSampleId :

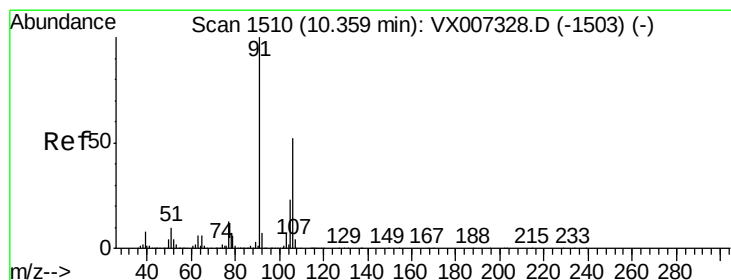
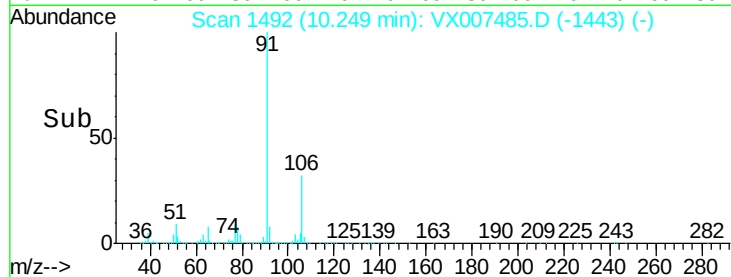
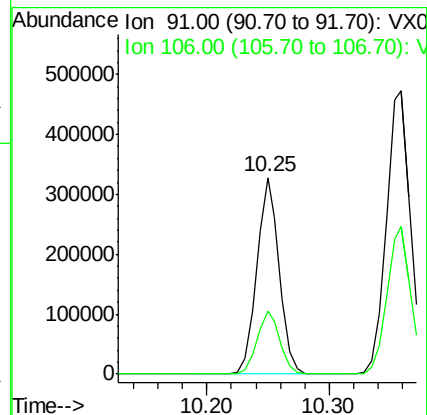
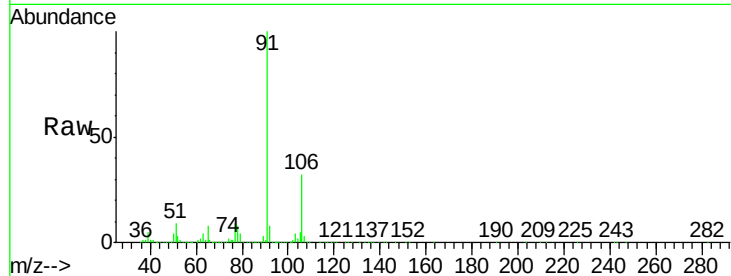
VX0212WBS01

Tot Ion: 91 Resp: 417340

Ion Ratio Lower Upper

91 100

106 32.0 25.4 38.0



#68

m/p-Xylenes

Concen: 38.490 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX007485.D

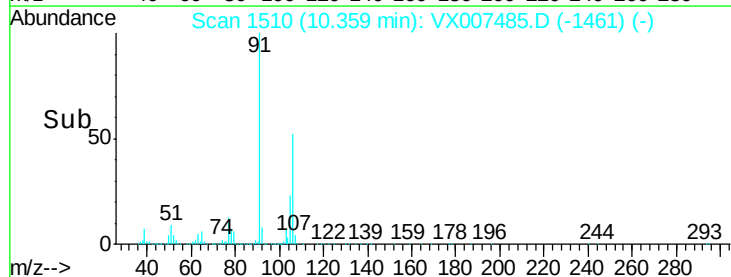
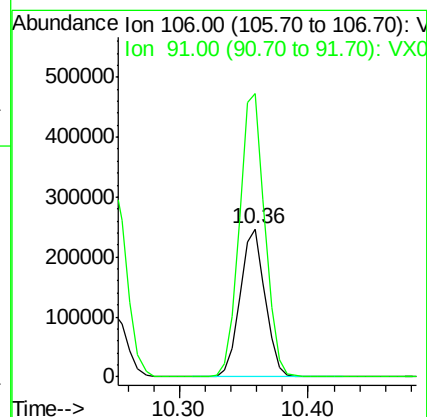
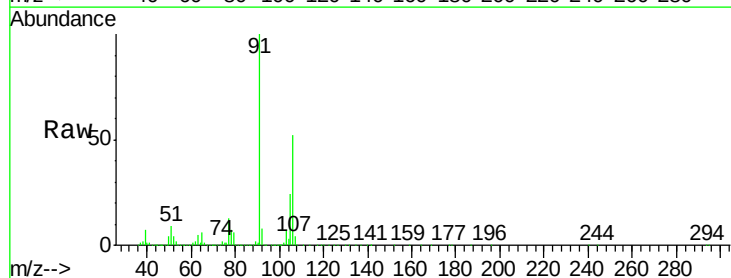
Acq: 12 Feb 2019 13:43

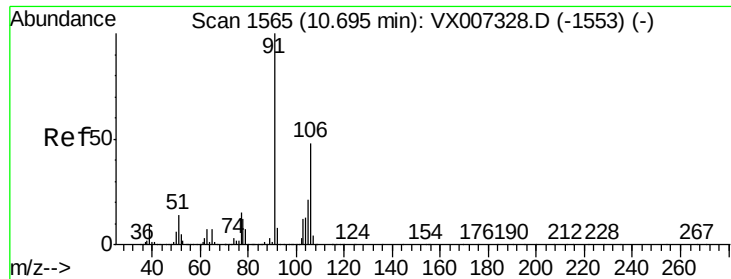
Tgt Ion: 106 Resp: 332070

Ion Ratio Lower Upper

106 100

91 195.4 156.6 234.8

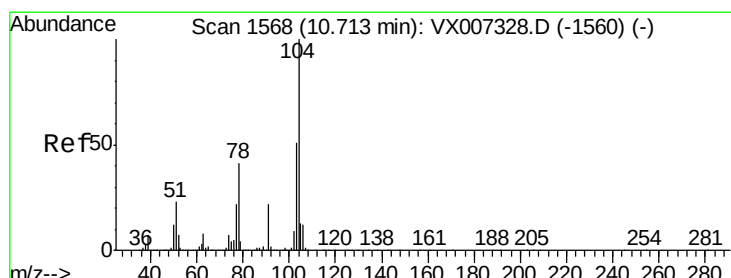
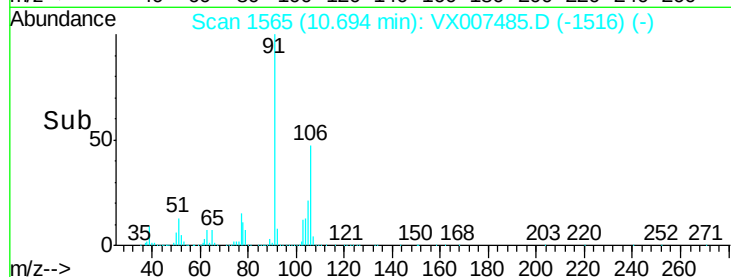
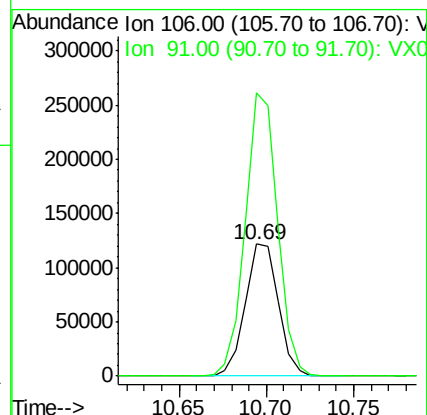
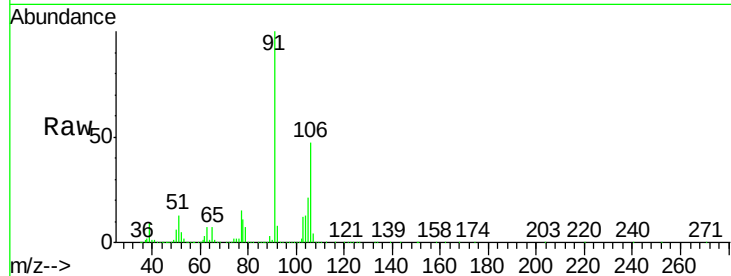




#69
o-Xylene
Concen: 19.320 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX007485.D
Acq: 12 Feb 2019 13:43

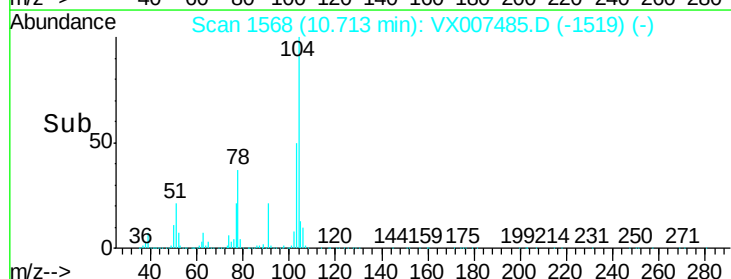
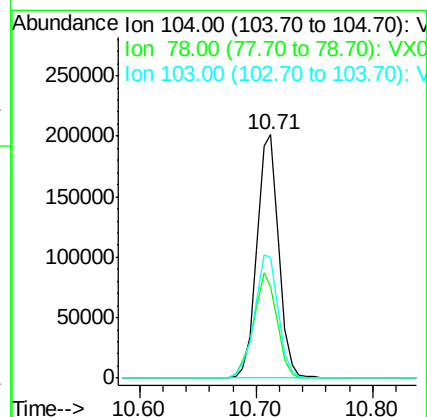
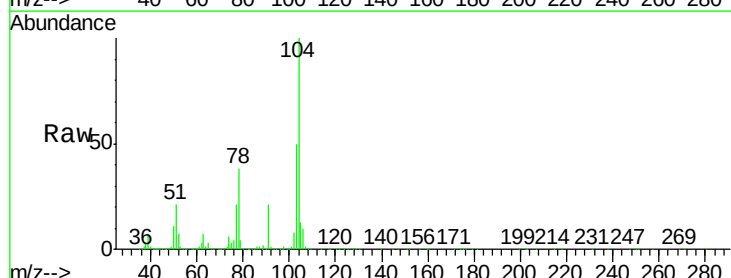
Instrument :
MSVOA_X
ClientSampleId :
VX0212WBS01

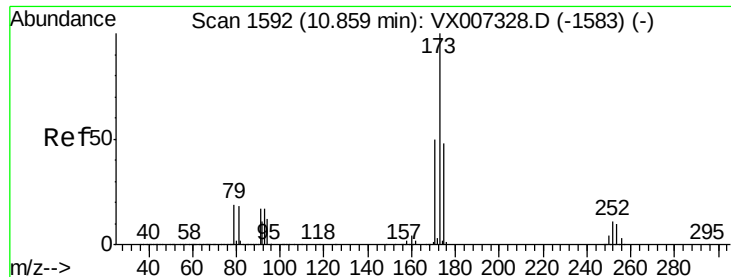
Tot Ion:106 Resp: 160390
Ion Ratio Lower Upper
106 100
91 208.6 102.9 308.7



#70
Styrene
Concen: 19.510 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX007485.D
Acq: 12 Feb 2019 13:43

Tgt Ion:104 Resp: 262681
Ion Ratio Lower Upper
104 100
78 46.8 38.3 57.5
103 55.4 44.6 67.0





#71

Bromoform

Concen: 20.049 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX007485.D

Acq: 12 Feb 2019 13:43

Instrument :

MSVOA_X

ClientSampleId :

VX0212WBS01

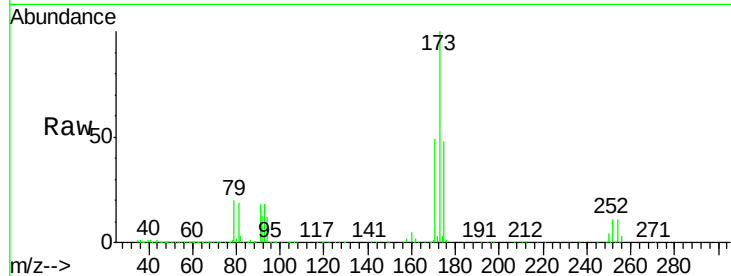
Tot Ion:173 Resp: 69051

Ion Ratio Lower Upper

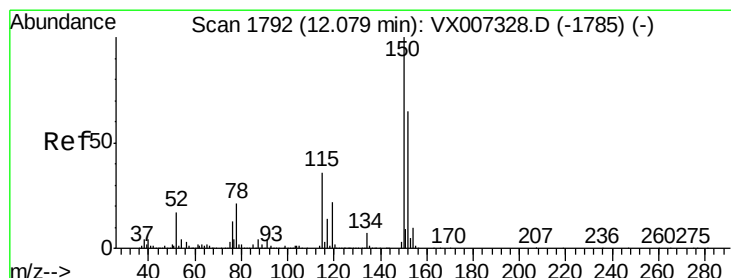
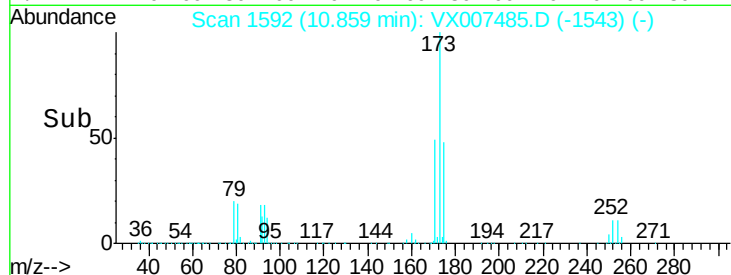
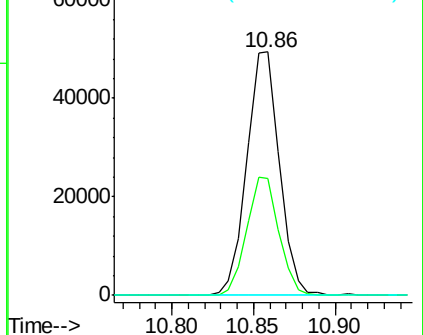
173 100

175 48.1 24.2 72.6

254 0.2 0.2 0.2



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX007485.D

Acq: 12 Feb 2019 13:43

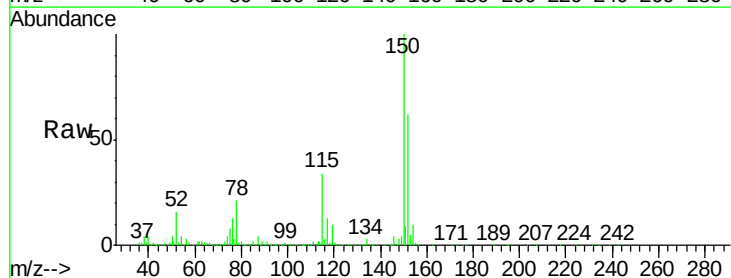
Tgt Ion:152 Resp: 327240

Ion Ratio Lower Upper

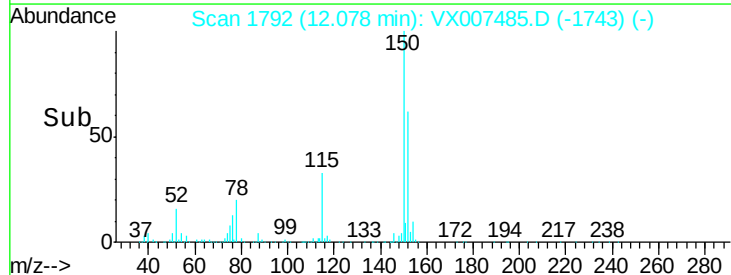
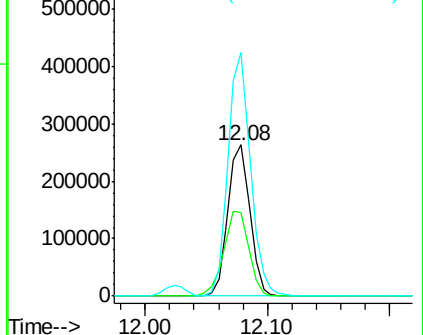
152 100

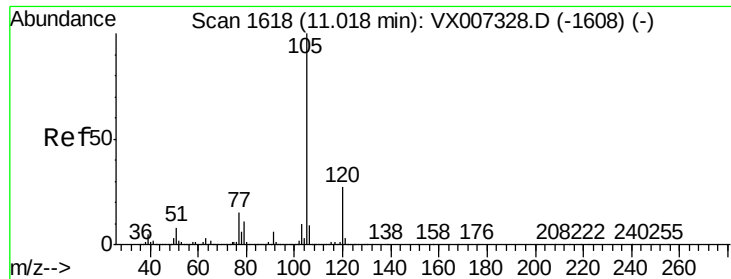
115 64.1 38.0 114.0

150 164.4 0.0 346.4



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: 19.839 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX007485.D

Acq: 12 Feb 2019 13:43

Instrument :

MSVOA_X

ClientSampleId :

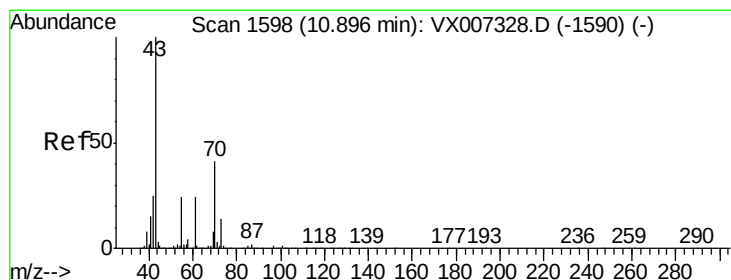
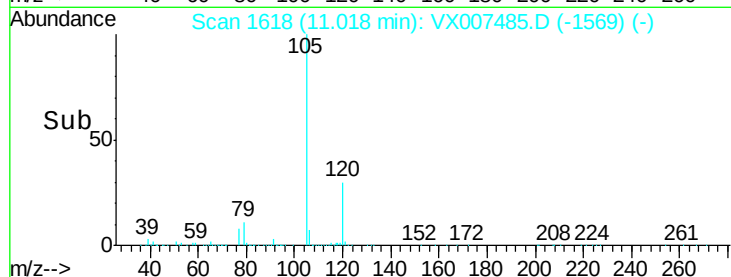
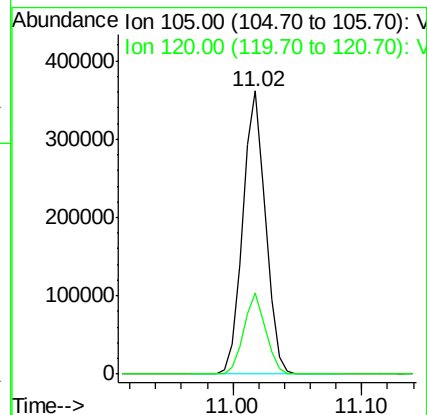
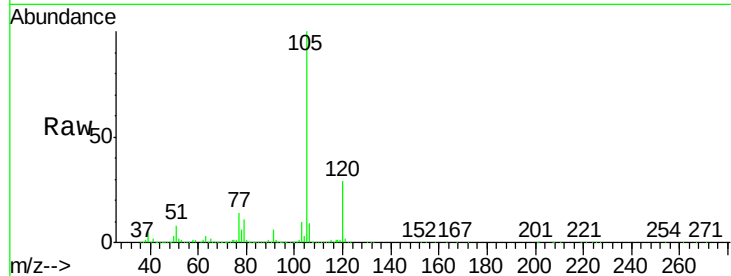
VX0212WBS01

Tot Ion:105 Resp: 441182

Ion Ratio Lower Upper

105 100

120 27.6 13.6 40.7



#74

N-ethyl acetate

Concen: 19.551 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX007485.D

Acq: 12 Feb 2019 13:43

Tgt Ion: 43 Resp: 168161

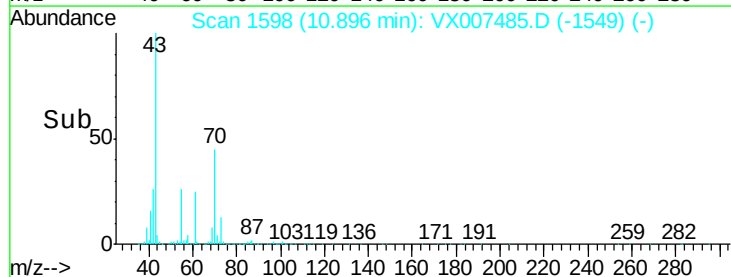
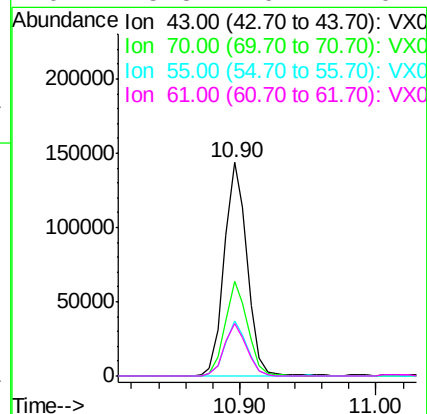
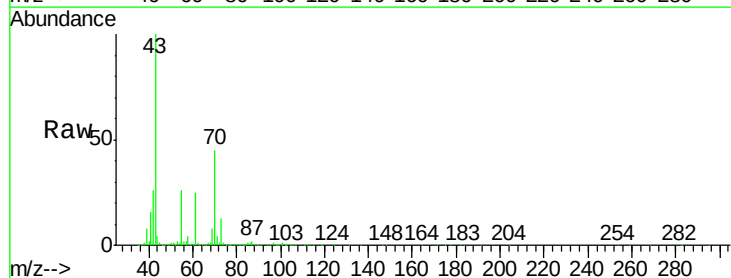
Ion Ratio Lower Upper

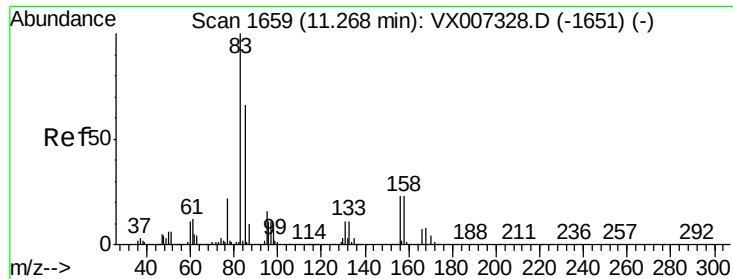
43 100

70 43.8 33.8 50.6

55 25.4 19.5 29.3

61 23.8 19.4 29.2





#75

1,1,2,2-Tetrachloroethane

Concen: 20.583 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX007485.D

Acq: 12 Feb 2019 13:43

Instrument :

MSVOA_X

ClientSampled :

VX0212WBS01

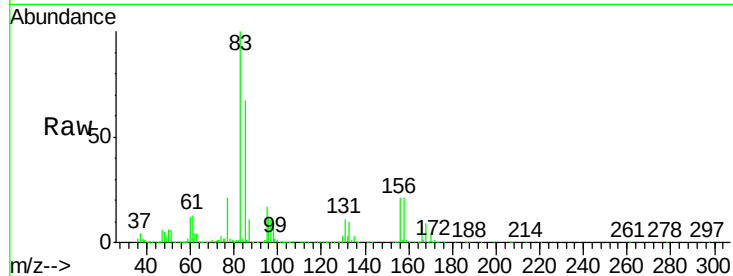
Tot Ion: 83 Resp: 139497

Ion	Ratio	Lower	Upper
83	100		
131	10.9	5.7	17.0
85	65.2	32.8	98.3

83 100

131 10.9 5.7 17.0

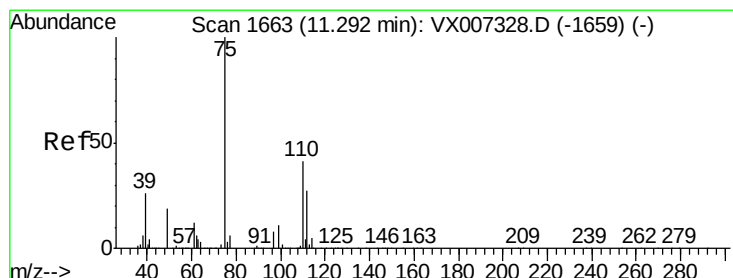
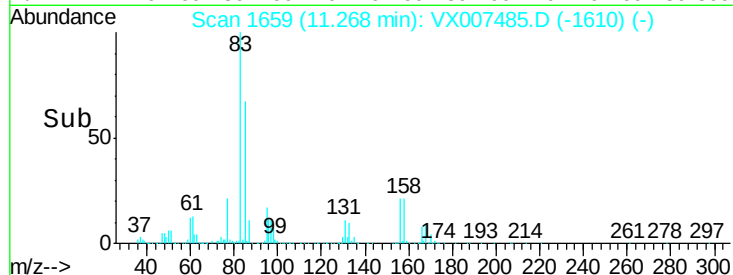
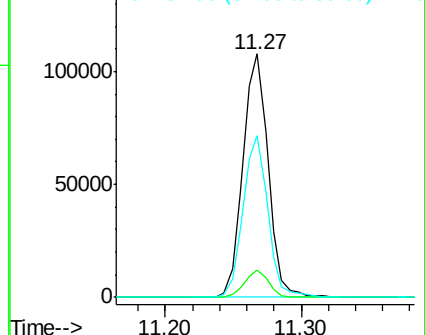
85 65.2 32.8 98.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 24.155 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX007485.D

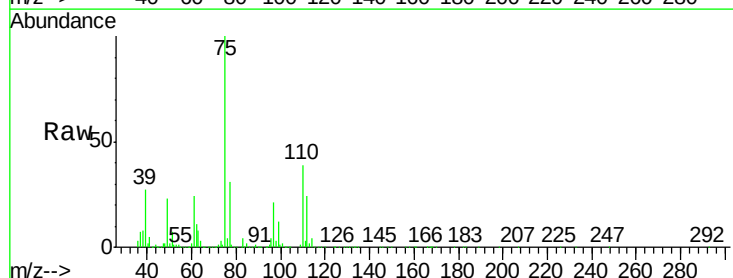
Acq: 12 Feb 2019 13:43

Tgt Ion: 75 Resp: 153750

Ion	Ratio	Lower	Upper
75	100		
77	32.9	23.0	69.0

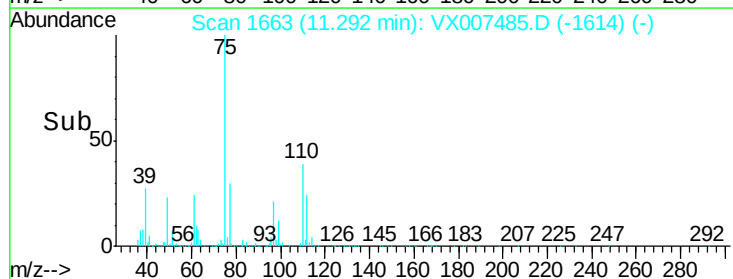
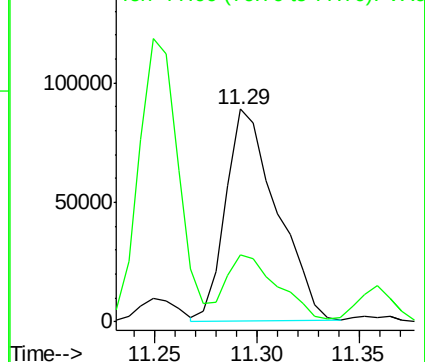
75 100

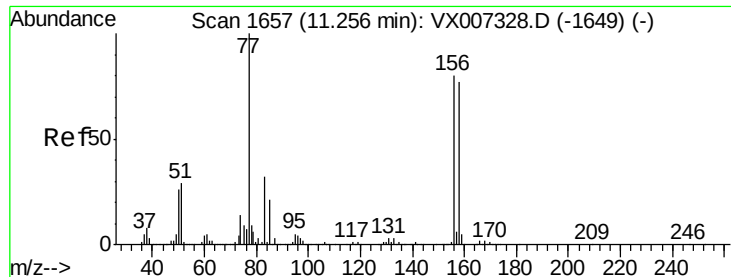
77 32.9 23.0 69.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 18.951 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX007485.D

Acq: 12 Feb 2019 13:43

Instrument :

MSVOA_X

ClientSampleId :

VX0212WBS01

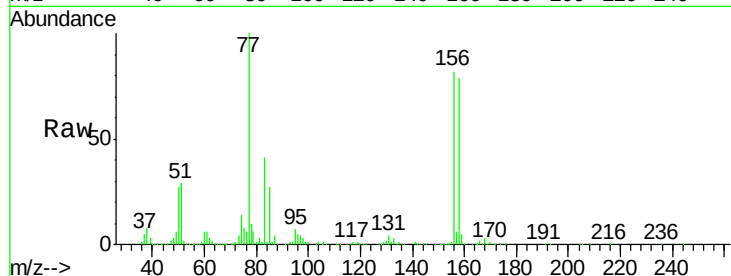
Tot Ion:156 Resp: 118740

Ion Ratio Lower Upper

156 100

77 133.3 66.8 200.6

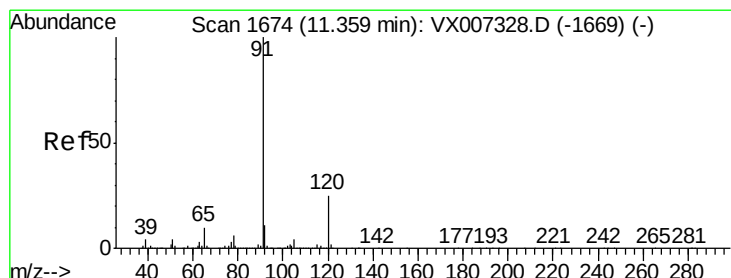
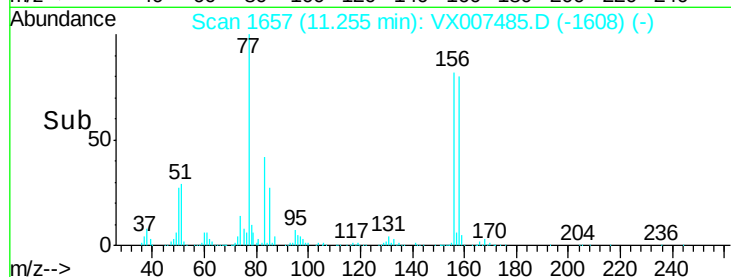
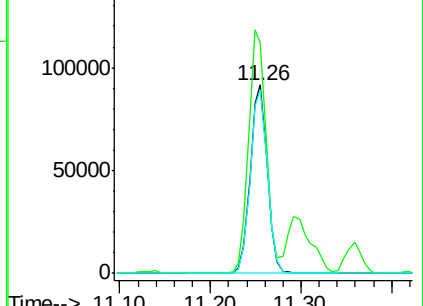
158 97.6 47.9 143.8



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: 20.203 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX007485.D

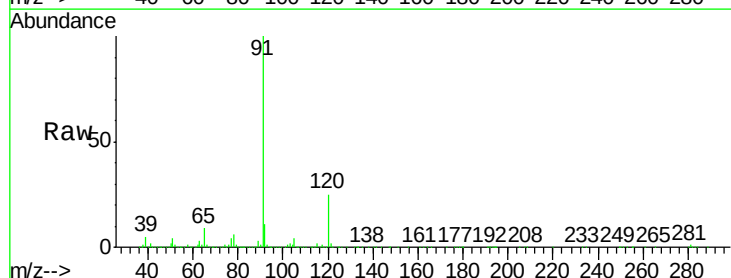
Acq: 12 Feb 2019 13:43

Tgt Ion: 91 Resp: 492640

Ion Ratio Lower Upper

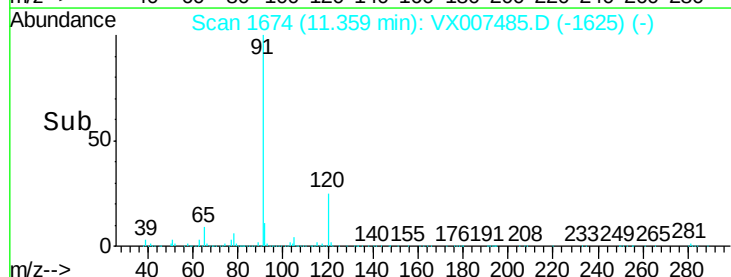
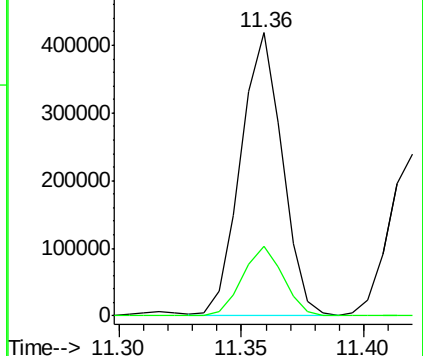
91 100

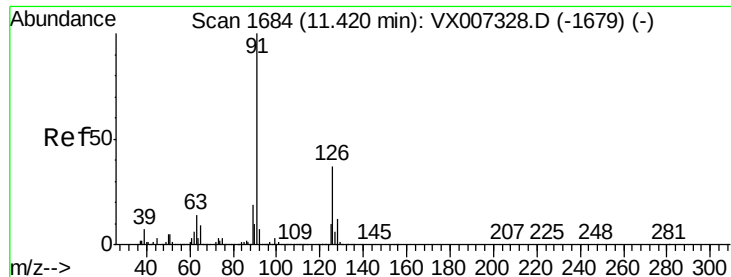
120 24.4 12.4 37.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.590 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX007485.D

Acq: 12 Feb 2019 13:43

Instrument :

MSVOA_X

ClientSampleId :

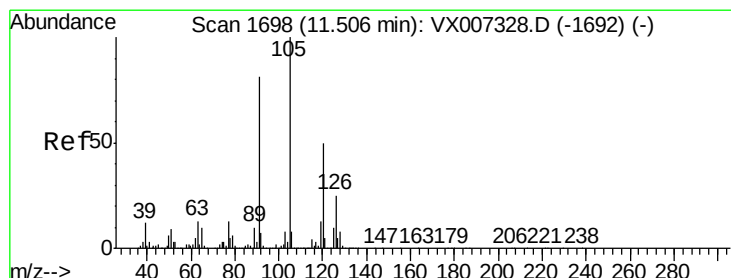
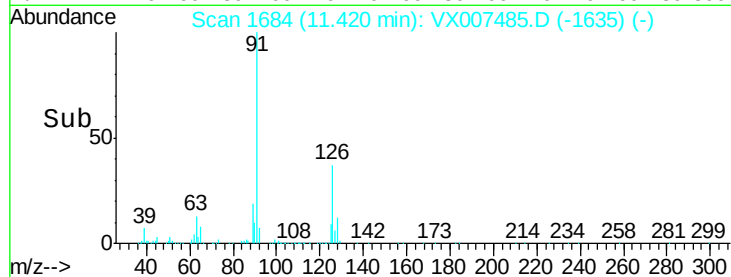
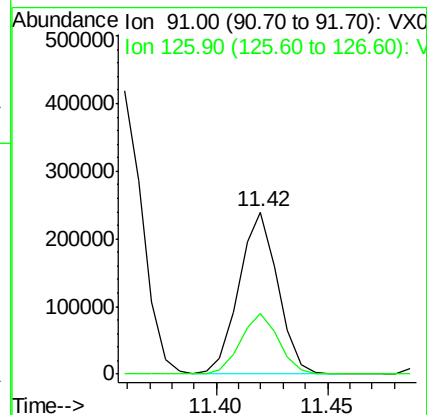
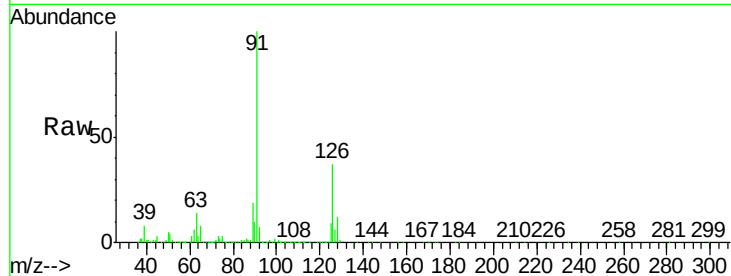
VX0212WBS01

Tot Ion: 91 Resp: 289862

Ion Ratio Lower Upper

91 100

126 37.0 18.7 56.1



#80

1,3,5-Trimethylbenzene

Concen: 19.745 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX007485.D

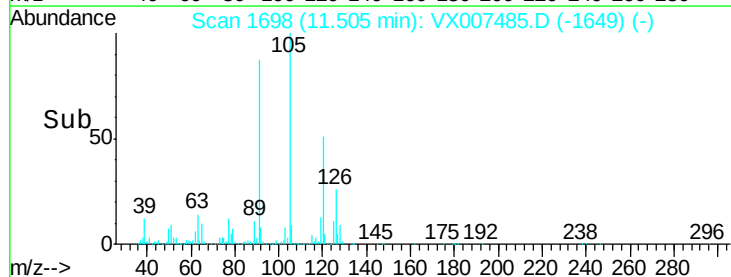
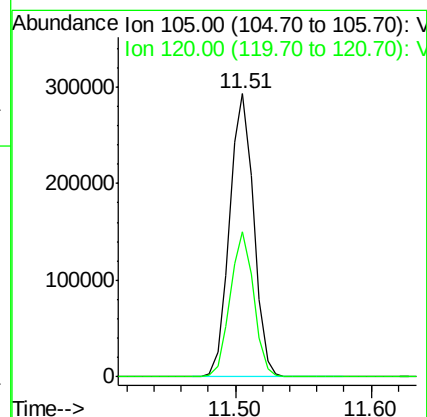
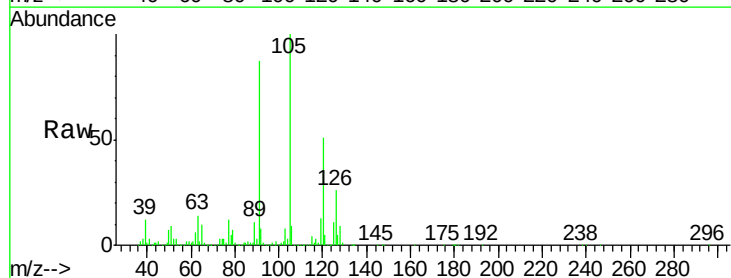
Acq: 12 Feb 2019 13:43

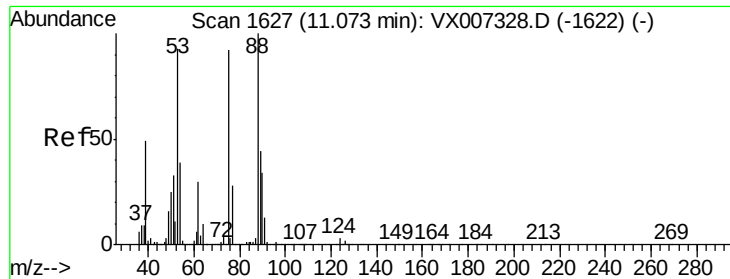
Tgt Ion: 105 Resp: 359215

Ion Ratio Lower Upper

105 100

120 50.0 25.3 75.8





#81

trans-1,4-Dichloro-2-butene

Concen: 20.479 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX007485.D

Acq: 12 Feb 2019 13:43

Instrument :

MSVOA_X

ClientSampleId :

VX0212WBS01

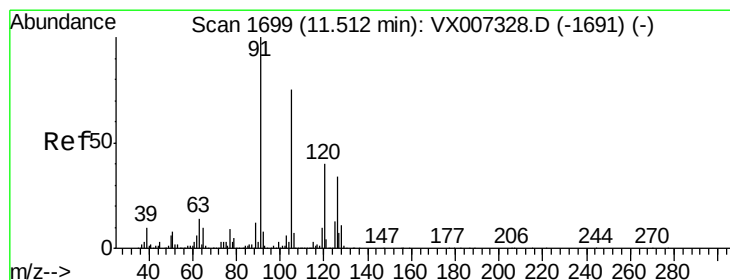
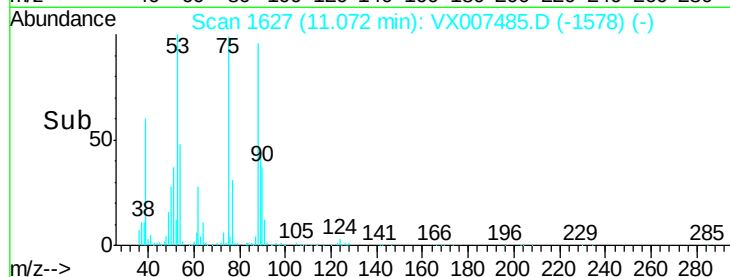
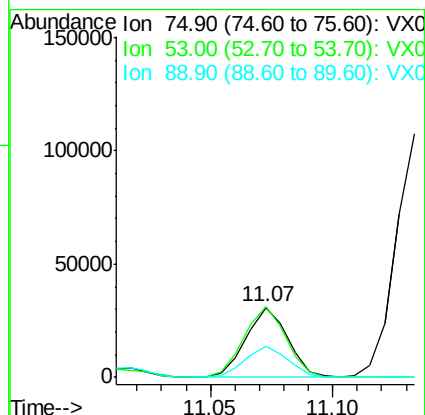
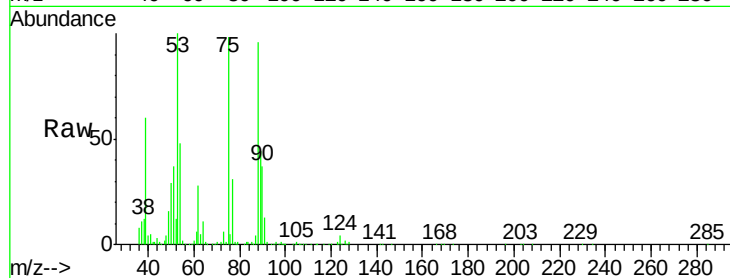
Tot Ion: 75 Resp: 36556

Ion Ratio Lower Upper

75 100

53 101.6 81.0 121.6

89 46.1 41.4 62.0



#82

4-Chlorotoluene

Concen: 19.185 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.01 min

Lab File: VX007485.D

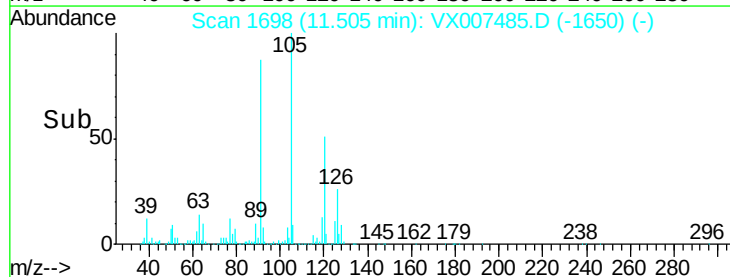
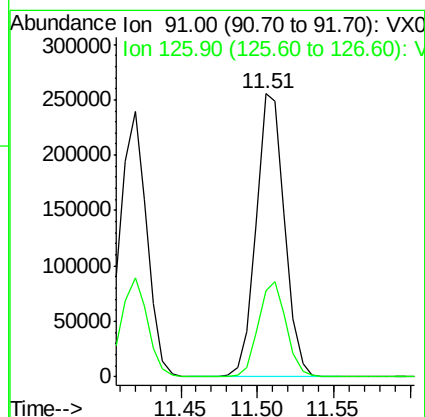
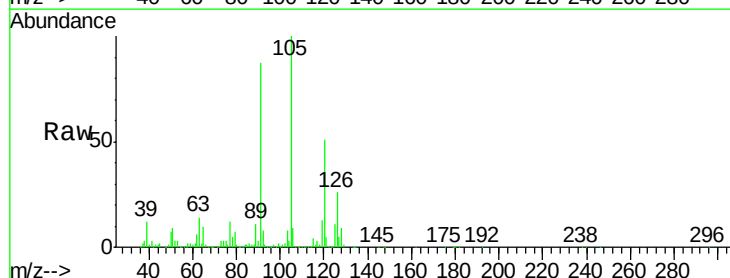
Acq: 12 Feb 2019 13:43

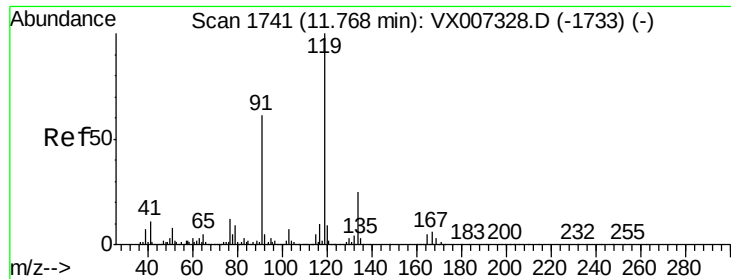
Tgt Ion: 91 Resp: 328460

Ion Ratio Lower Upper

91 100

126 33.2 16.2 48.5

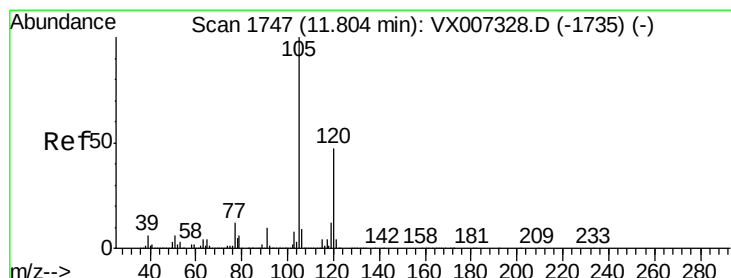
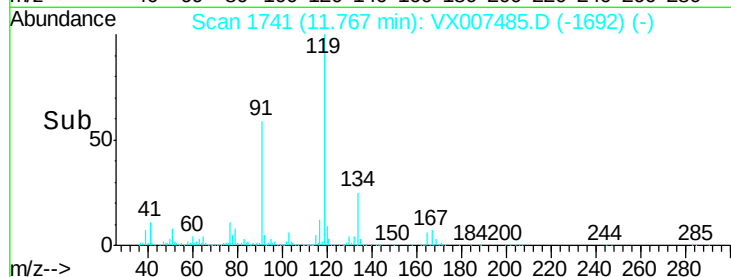
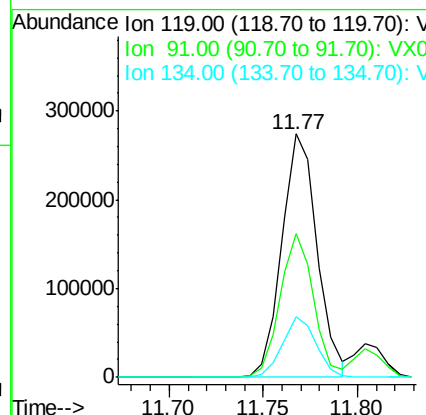
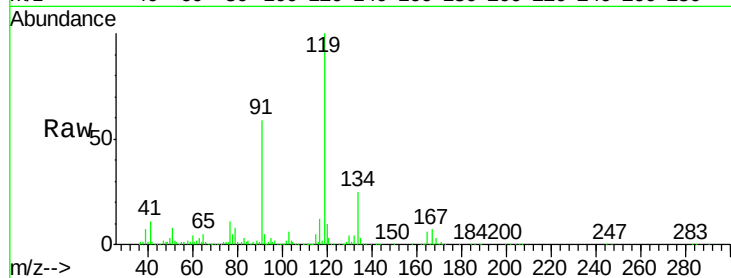




#83
 tert-Butylbenzene
 Concen: 19.733 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX007485.D
 Acq: 12 Feb 2019 13:43

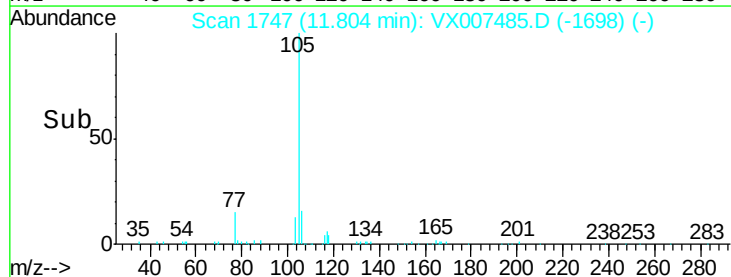
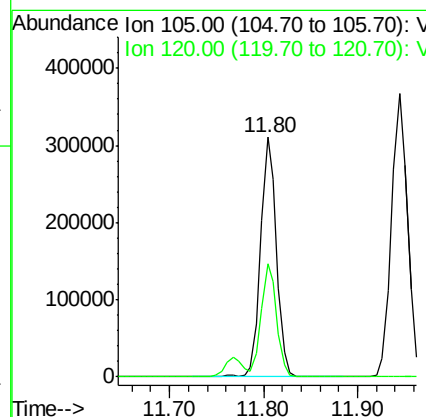
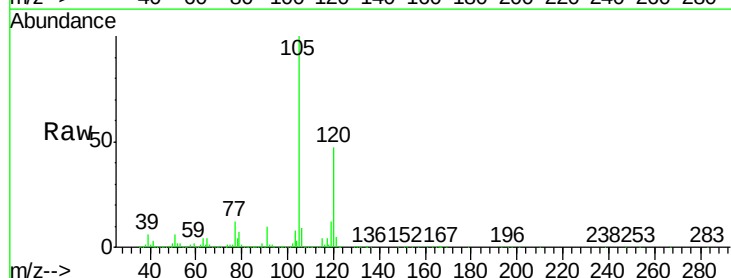
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0212WBS01

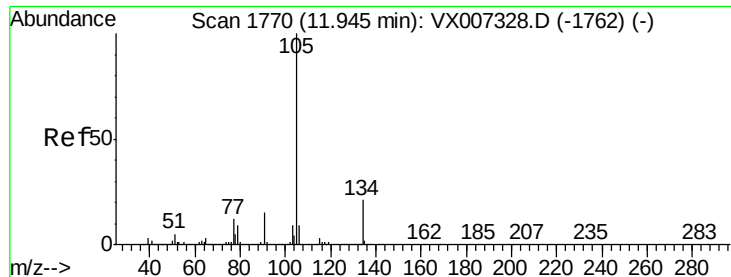
Tot Ion:119 Resp: 355430
 Ion Ratio Lower Upper
 119 100
 91 56.2 28.5 85.6
 134 24.0 12.0 36.0



#84
 1,2,4-Trimethylbenzene
 Concen: 20.072 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX007485.D
 Acq: 12 Feb 2019 13:43

Tgt Ion:105 Resp: 370729
 Ion Ratio Lower Upper
 105 100
 120 45.5 23.1 69.3





#85

sec-Butylbenzene

Concen: 20.078 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX007485.D

Acq: 12 Feb 2019 13:43

Instrument :

MSVOA_X

ClientSampleId :

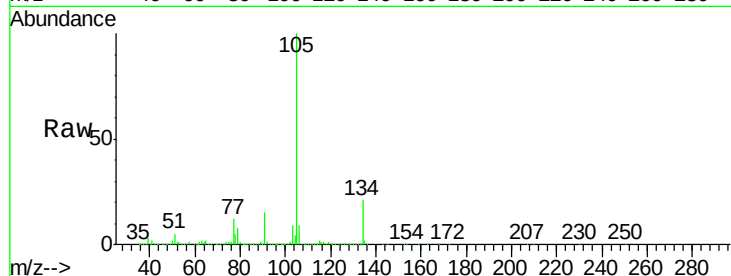
VX0212WBS01

Tot Ion:105 Resp: 437719

Ion Ratio Lower Upper

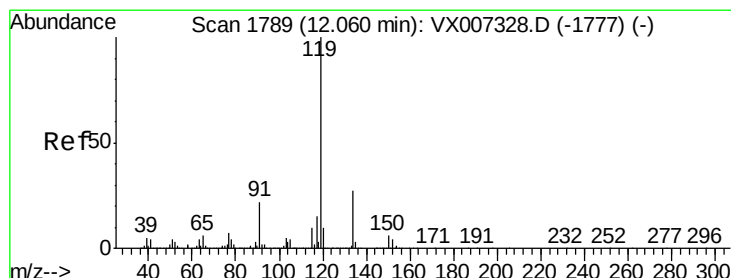
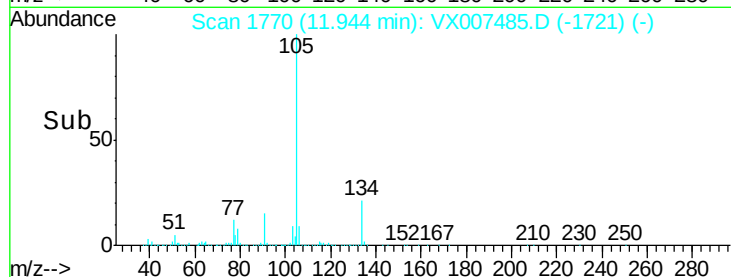
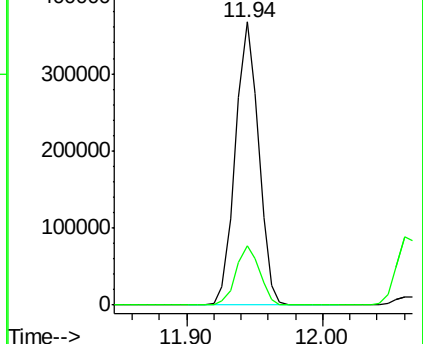
105 100

134 21.4 10.6 31.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.754 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX007485.D

Acq: 12 Feb 2019 13:43

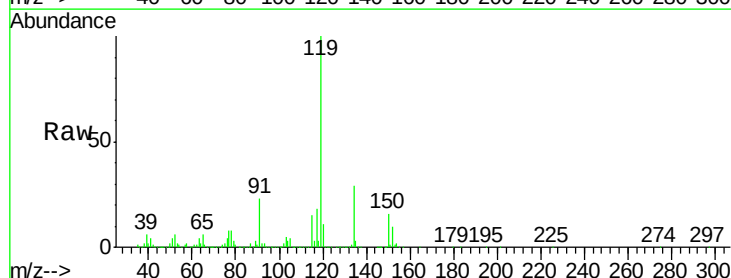
Tgt Ion:119 Resp: 388749

Ion Ratio Lower Upper

119 100

134 27.9 13.7 41.1

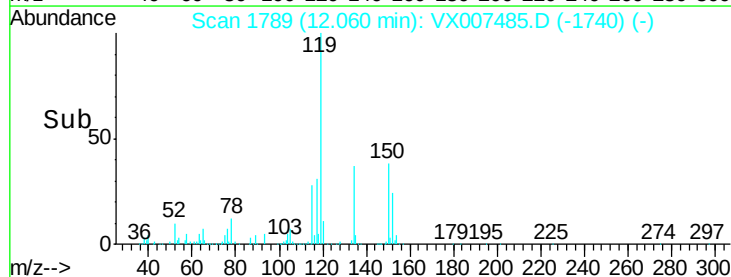
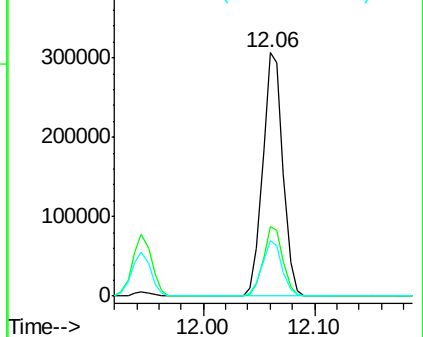
91 22.5 11.2 33.5

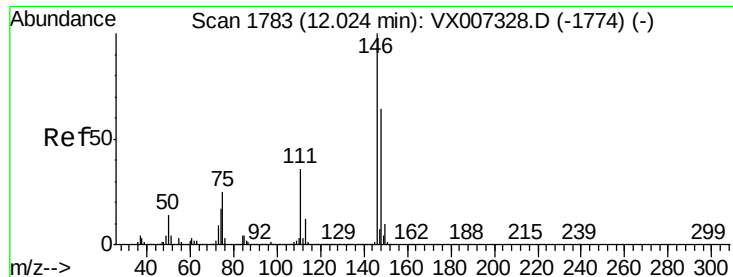


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

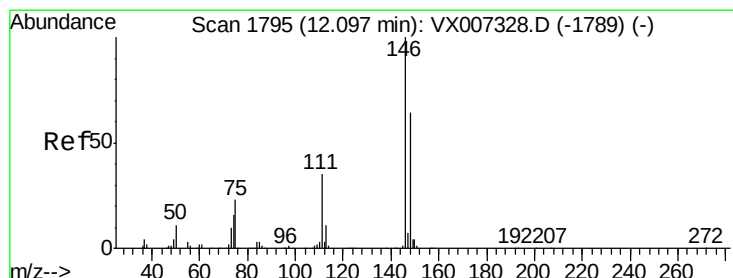
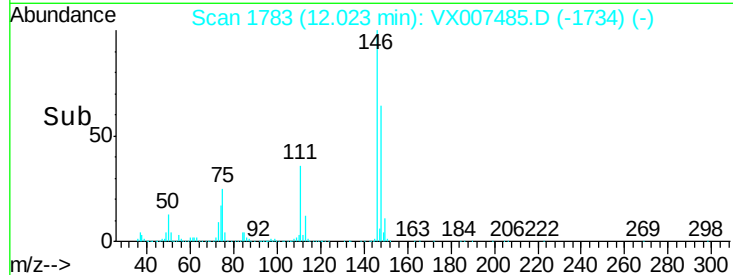
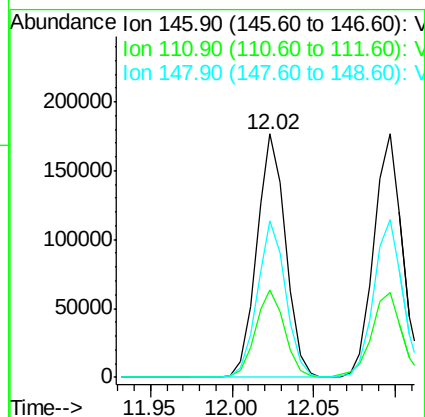
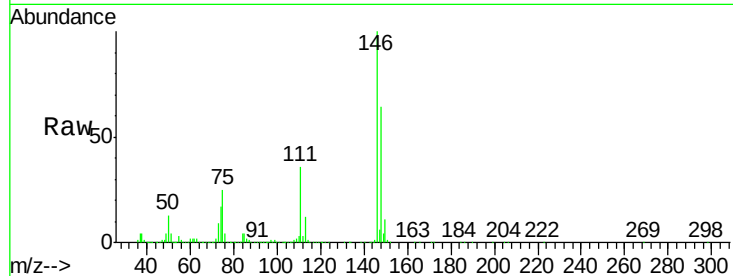




#87
 1,3-Dichlorobenzene
 Concen: 19.282 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX007485.D
 Acq: 12 Feb 2019 13:43

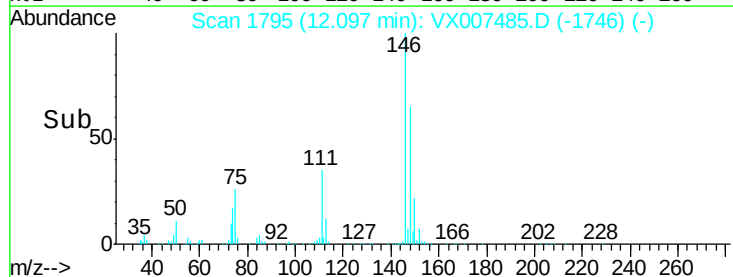
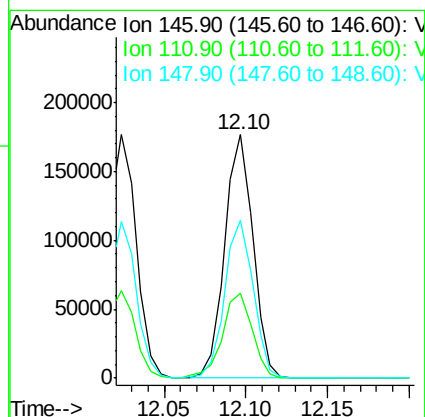
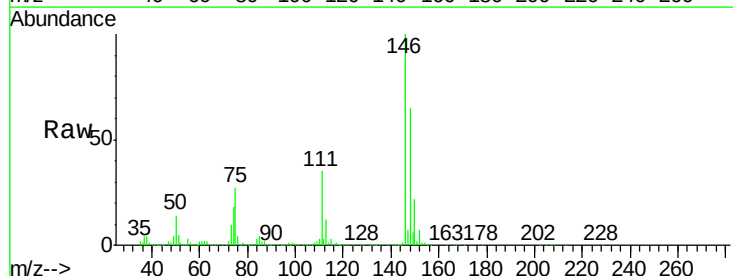
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0212WBS01

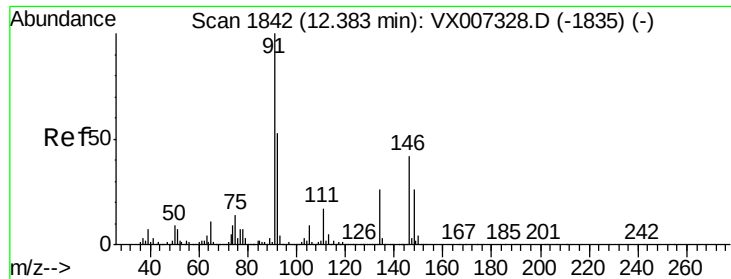
Tot Ion:146 Resp: 216819
 Ion Ratio Lower Upper
 146 100
 111 36.2 18.1 54.1
 148 63.1 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 18.701 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX007485.D
 Acq: 12 Feb 2019 13:43

Tgt Ion:146 Resp: 213343
 Ion Ratio Lower Upper
 146 100
 111 37.3 18.1 54.1
 148 65.9 32.3 96.9

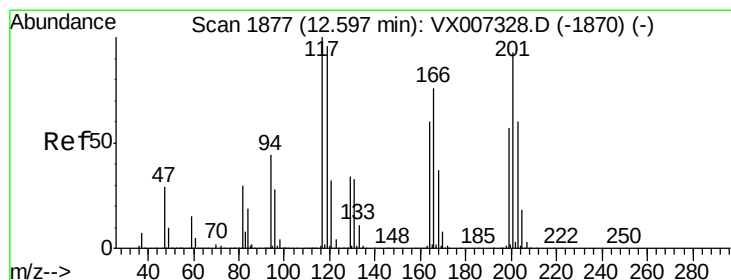
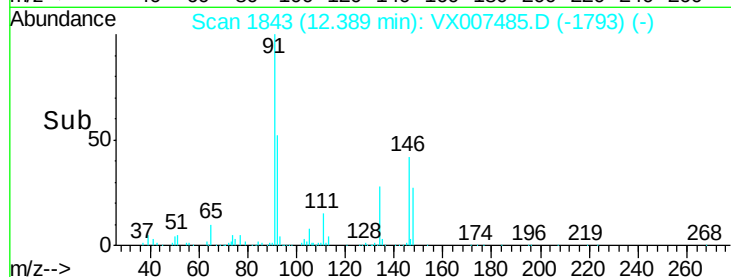
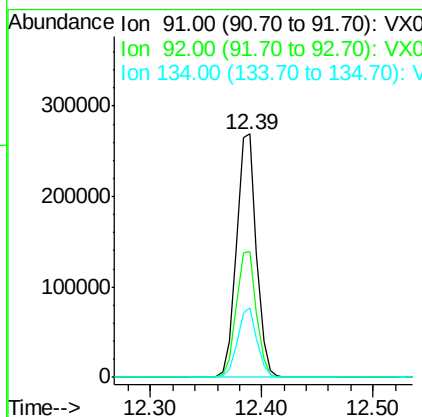
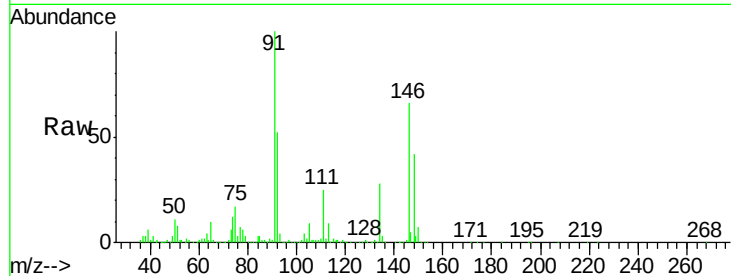




#89
n-Butylbenzene
Concen: 19.615 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.01 min
Lab File: VX007485.D
Acq: 12 Feb 2019 13:43

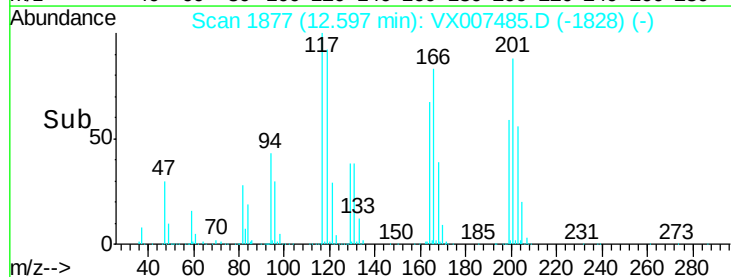
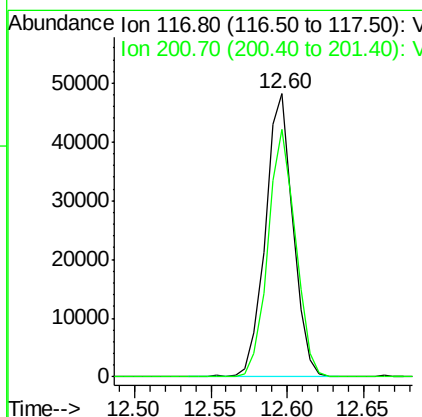
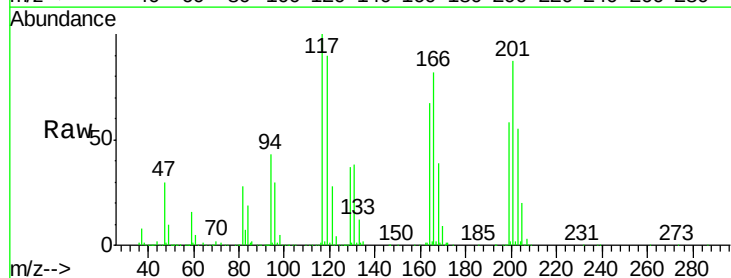
Instrument :
MSVOA_X
ClientSampleId :
VX0212WBS01

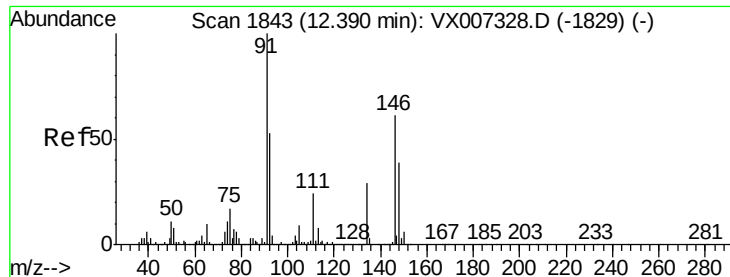
Tot Ion: 91 Resp: 332058
Ion Ratio Lower Upper
91 100
92 52.0 26.3 78.9
134 27.7 13.9 41.6



#90
Hexachloroethane
Concen: 20.744 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX007485.D
Acq: 12 Feb 2019 13:43

Tgt Ion: 117 Resp: 61098
Ion Ratio Lower Upper
117 100
201 86.8 44.9 134.7

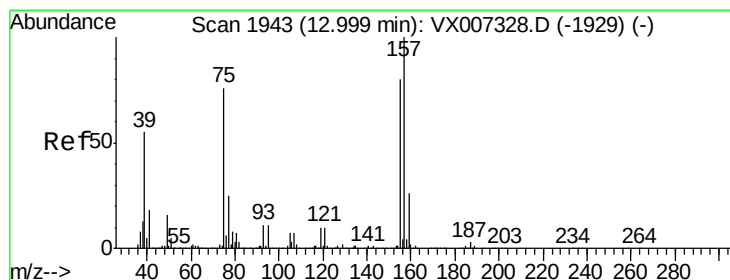
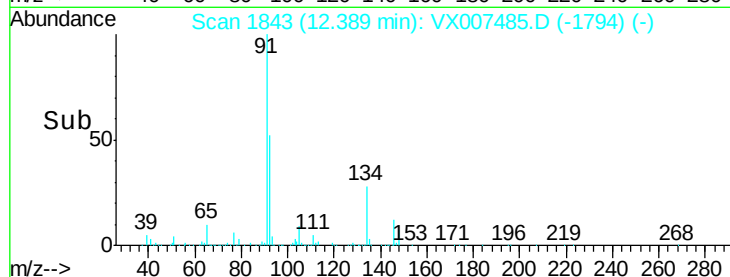
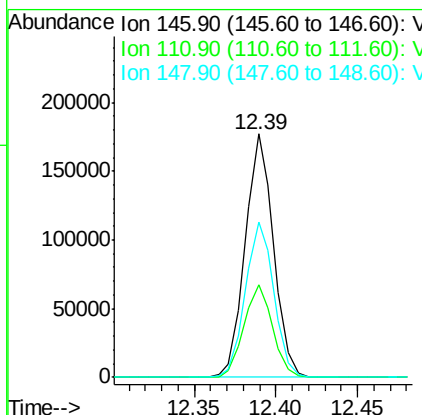
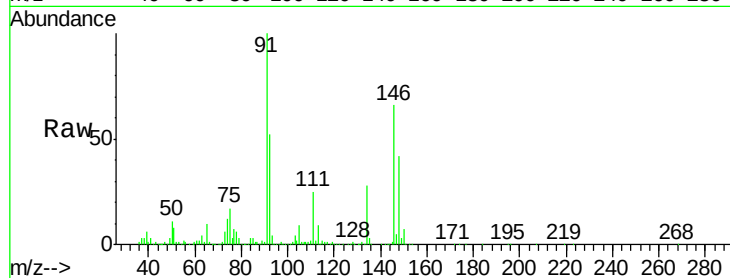




#91
 1,2-Dichlorobenzene
 Concen: 19.177 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX007485.D
 Acq: 12 Feb 2019 13:43

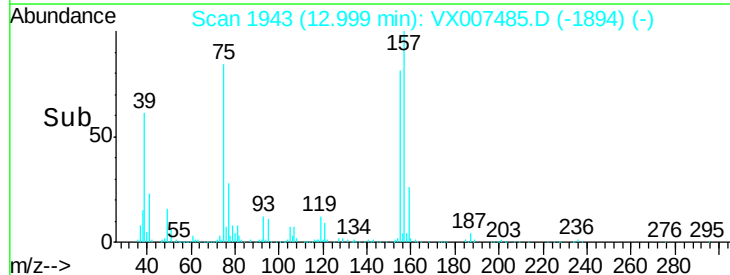
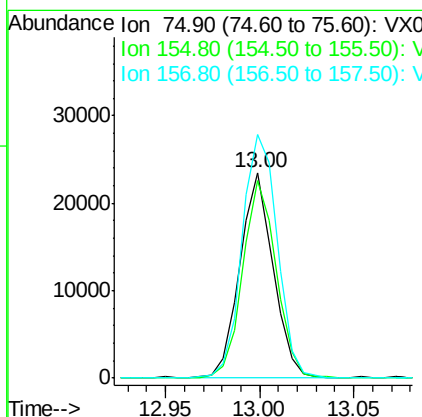
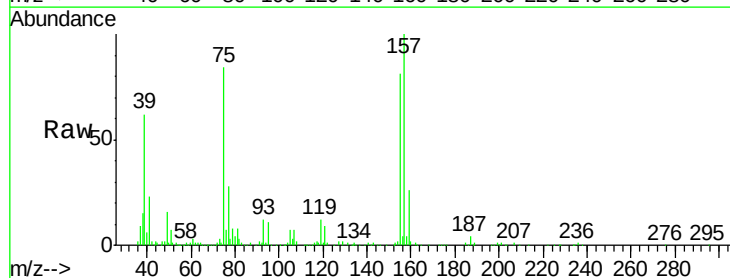
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0212WBS01

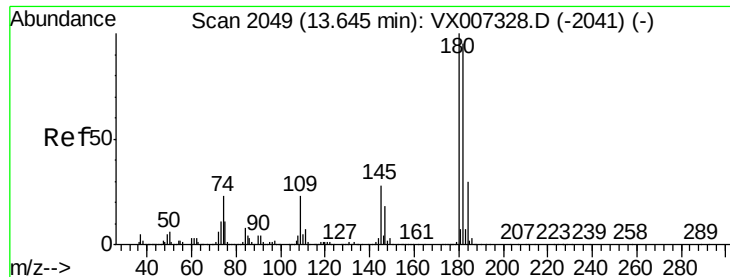
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.5	19.1	57.3
148	64.5	32.1	96.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.496 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX007485.D
 Acq: 12 Feb 2019 13:43

Tgt Ion	Ratio	Lower	Upper
75	100		
155	96.9	49.6	149.0
157	125.4	65.1	195.3

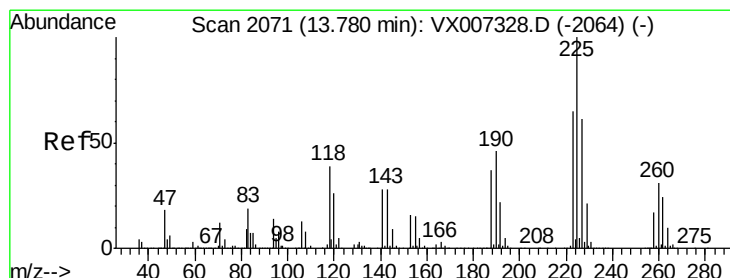
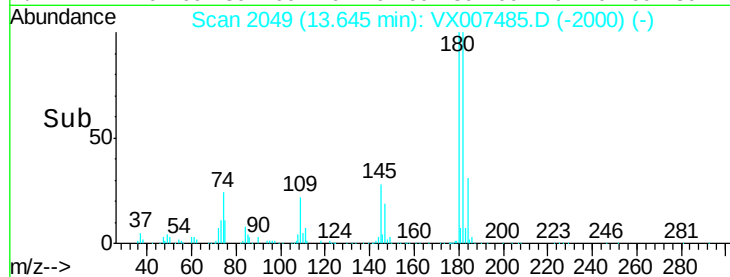
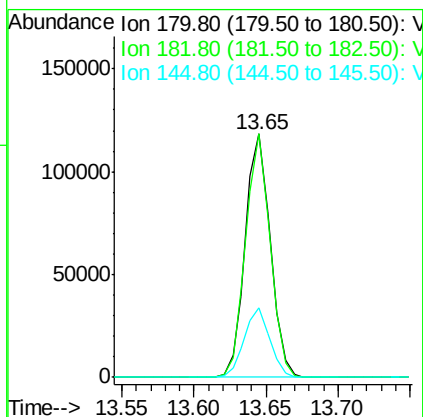
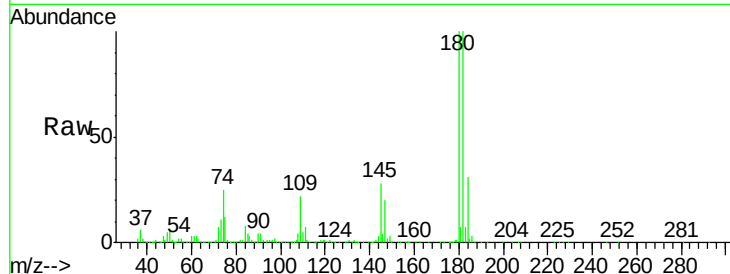




#93
 1,2,4-Trichlorobenzene
 Concen: 18.963 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX007485.D
 Acq: 12 Feb 2019 13:43

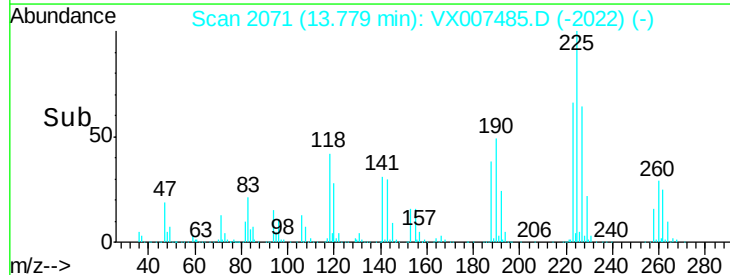
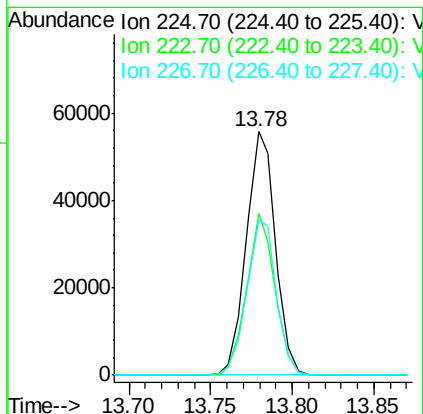
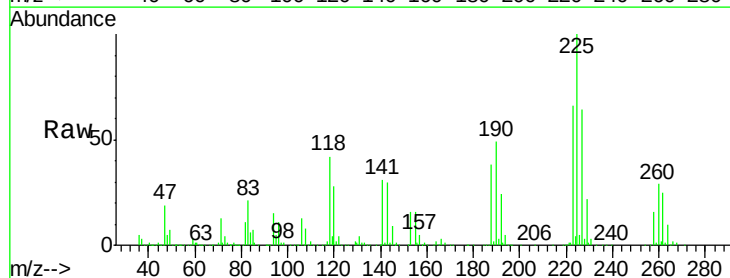
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0212WBS01

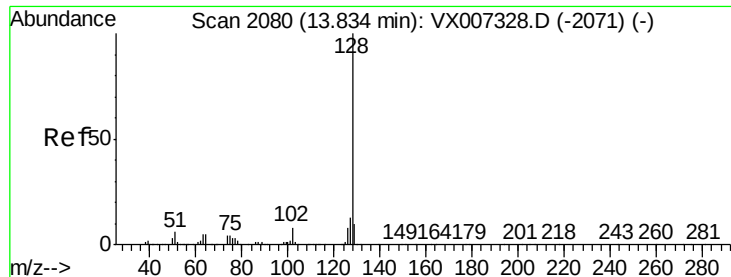
Tot Ion	Ratio	Lower	Upper
180	100		
182	97.2	47.8	143.3
145	29.1	14.1	42.2



#94
 Hexachlorobutadiene
 Concen: 18.922 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX007485.D
 Acq: 12 Feb 2019 13:43

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.2	31.6	94.8
227	64.8	32.1	96.3





#95

Naphthalene

Concen: 19.567 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX007485.D

Acq: 12 Feb 2019 13:43

Instrument :

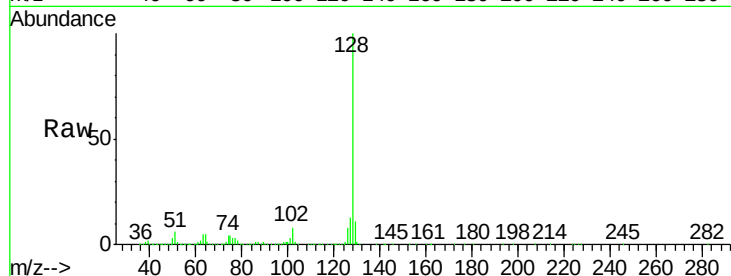
MSVOA_X

ClientSampleId :

VX0212WBS01

Tot Ion:128 Resp: 431836

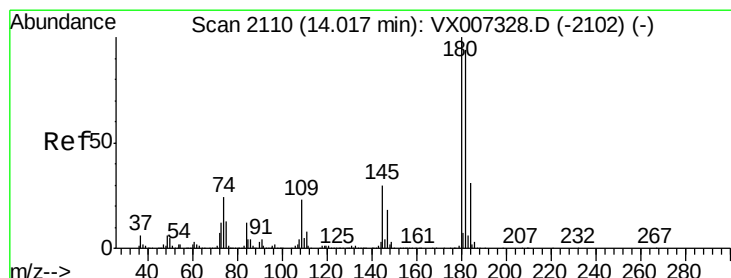
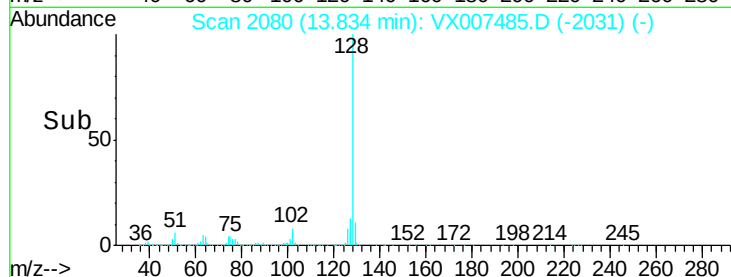
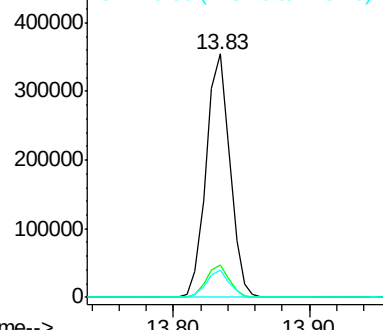
Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.5	15.7
129	11.0	8.7	13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 18.919 ug/l

RT: 14.02 min Scan# 2110

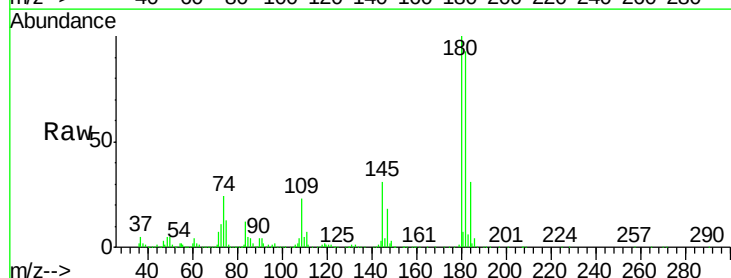
Delta R.T. -0.00 min

Lab File: VX007485.D

Acq: 12 Feb 2019 13:43

Tgt Ion:180 Resp: 143716

Ion	Ratio	Lower	Upper
180	100		
182	96.2	47.5	142.6
145	31.8	14.9	44.5



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

