

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100819\
 Data File : VX012882.D
 Acq On : 08 Oct 2019 11:04
 Operator : JC/SP
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Quant Time: Oct 09 01:20:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 09 01:14:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	174611	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	294640	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	258038	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	111263	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	2138	0.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	1.70%	
35) Dibromofluoromethane	5.48	113	1361	0.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	1.54%	
50) Toluene-d8	8.71	98	5196	0.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	1.52%	
62) 4-Bromofluorobenzene	11.14	95	1986	0.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	1.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	1582	0.800	ug/l	90
3) Chloromethane	1.32	50	2016	0.903	ug/l	97
4) Vinyl Chloride	1.40	62	1947	0.874	ug/l	90
5) Bromomethane	1.64	94	1539	1.744	ug/l	81
6) Chloroethane	1.72	64	920	0.618	ug/l #	51
7) Trichlorofluoromethane	1.92	101	2561	0.821	ug/l	93
8) Diethyl Ether	2.17	74	1055	0.828	ug/l	72
9) 1,1,2-Trichlorotrifluoroet	2.37	101	1671	0.874	ug/l	97
10) Methyl Iodide	2.50	142	1564	0.861	ug/l	98
11) Tert butyl alcohol	3.00	59	4712	7.544	ug/l #	72
12) 1,1-Dichloroethene	2.36	96	1763	0.942	ug/l	86
13) Acrolein	2.28	56	2569	7.459	ug/l	94
14) Allyl chloride	2.72	41	2847	0.776	ug/l	90
15) Acrylonitrile	3.14	53	4859	3.824	ug/l	97
16) Acetone	2.43	43	5619	4.241	ug/l	99
17) Carbon Disulfide	2.56	76	6043	1.150	ug/l	100
18) Methyl Acetate	2.76	43	2808	0.897	ug/l	97
19) Methyl tert-butyl Ether	3.19	73	5237	0.746	ug/l	94
20) Methylene Chloride	2.84	84	2480	1.093	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	1898	0.917	ug/l	88
22) Diisopropyl ether	3.84	45	5329	0.751	ug/l #	68
23) Vinyl Acetate	3.80	43	21607	3.483	ug/l	99
24) 1,1-Dichloroethane	3.68	63	3147	0.814	ug/l #	90
25) 2-Butanone	4.66	43	6905	3.643	ug/l	99
26) 2,2-Dichloropropane	4.56	77	2625	0.767	ug/l	95
27) cis-1,2-Dichloroethene	4.58	96	2253	0.939	ug/l	97
28) Bromochloromethane	5.01	49	694	0.506	ug/l #	93
29) Tetrahydrofuran	5.12	42	4455	3.850	ug/l	94
30) Chloroform	5.19	83	3587	0.905	ug/l	85
31) Cyclohexane	5.56	56	2788	0.795	ug/l #	56
32) 1,1,1-Trichloroethane	5.48	97	2475	0.708	ug/l #	47
36) 1,1-Dichloropropene	5.79	75	2545	0.891	ug/l	96
37) Ethyl Acetate	4.82	43	2837	0.861	ug/l #	77
38) Carbon Tetrachloride	5.76	117	2227	0.775	ug/l	86

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 ClientSampleId :
 VSTDIC001

Quant Time: Oct 09 01:20:25 2019
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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	2750	0.797	ug/l	97
40) Benzene	6.13	78	6762	0.807	ug/l	100
41) Methacrylonitrile	5.03	41	708	0.384	ug/l #	28
42) 1,2-Dichloroethane	6.18	62	2536	0.804	ug/l	88
43) Isopropyl Acetate	6.44	43	3894	0.708	ug/l #	95
44) Trichloroethene	7.20	130	2447	1.135	ug/l	94
45) 1,2-Dichloropropane	7.50	63	1728	0.806	ug/l #	81
46) Dibromomethane	7.66	93	1183	0.811	ug/l	98
47) Bromodichloromethane	7.89	83	2168	0.748	ug/l #	83
48) Methyl methacrylate	7.78	41	1880	0.714	ug/l	94
49) 1,4-Dioxane	7.74	88	755	12.470	ug/l #	73
51) 4-Methyl-2-Pentanone	8.64	43	11522	3.393	ug/l	96
52) Toluene	8.78	92	4497	0.855	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	2194	0.683	ug/l	91
54) cis-1,3-Dichloropropene	8.43	75	2492	0.710	ug/l	94
55) 1,1,2-Trichloroethane	9.21	97	1847	0.883	ug/l #	90
56) Ethyl methacrylate	9.18	69	2358	0.673	ug/l	97
57) 1,3-Dichloropropane	9.37	76	3192	0.872	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.31	63	6784	4.340	ug/l	98
59) 2-Hexanone	9.49	43	9123	3.517	ug/l	90
60) Dibromochloromethane	9.58	129	1398	0.660	ug/l	100
61) 1,2-Dibromoethane	9.67	107	1835	0.843	ug/l	99
64) Tetrachloroethene	9.33	164	1897	1.040	ug/l	87
65) Chlorobenzene	10.14	112	5196	0.954	ug/l #	81
66) 1,1,1,2-Tetrachloroethane	10.22	131	1321	0.669	ug/l #	59
67) Ethyl Benzene	10.24	91	8250	0.835	ug/l	100
68) m/p-Xylenes	10.35	106	6097	1.649	ug/l	97
69) o-Xylene	10.70	106	2920	0.815	ug/l	99
70) Styrene	10.71	104	4541	0.755	ug/l	95
71) Bromoform	10.85	173	892	0.645	ug/l #	99
73) Isopropylbenzene	11.01	105	7693	0.848	ug/l	99
74) N-amyl acetate	10.90	43	2667	0.627	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.26	83	2660	0.891	ug/l	94
76) 1,2,3-Trichloropropane	11.29	75	2888	1.015	ug/l	84
77) Bromobenzene	11.25	156	1858	0.902	ug/l	94
78) n-propylbenzene	11.35	91	8147	0.802	ug/l	98
79) 2-Chlorotoluene	11.42	91	5544	0.873	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	5975	0.786	ug/l	95
81) trans-1,4-Dichloro-2-buten	11.07	75	650	0.643	ug/l	86
82) 4-Chlorotoluene	11.51	91	5978	0.825	ug/l	98
83) tert-Butylbenzene	11.76	119	5964	0.810	ug/l	95
84) 1,2,4-Trimethylbenzene	11.81	105	6018	0.783	ug/l	99
85) sec-Butylbenzene	11.94	105	6755	0.790	ug/l	100
86) p-Isopropyltoluene	12.06	119	6214	0.806	ug/l	91
87) 1,3-Dichlorobenzene	12.02	146	3664	0.985	ug/l	97
88) 1,4-Dichlorobenzene	12.02	146	3664	0.978	ug/l	96
89) n-Butylbenzene	12.38	91	5463	0.807	ug/l	99
90) Hexachloroethane	12.59	117	800	0.585	ug/l	65
91) 1,2-Dichlorobenzene	12.38	146	3541	0.955	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.00	75	531	0.717	ug/l	86

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Instrument :
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ClientSampleId :
VSTDICC001

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Quant Title : SW846 8260
QLast Update : Wed Oct 09 01:14:45 2019
Response via : Initial Calibration

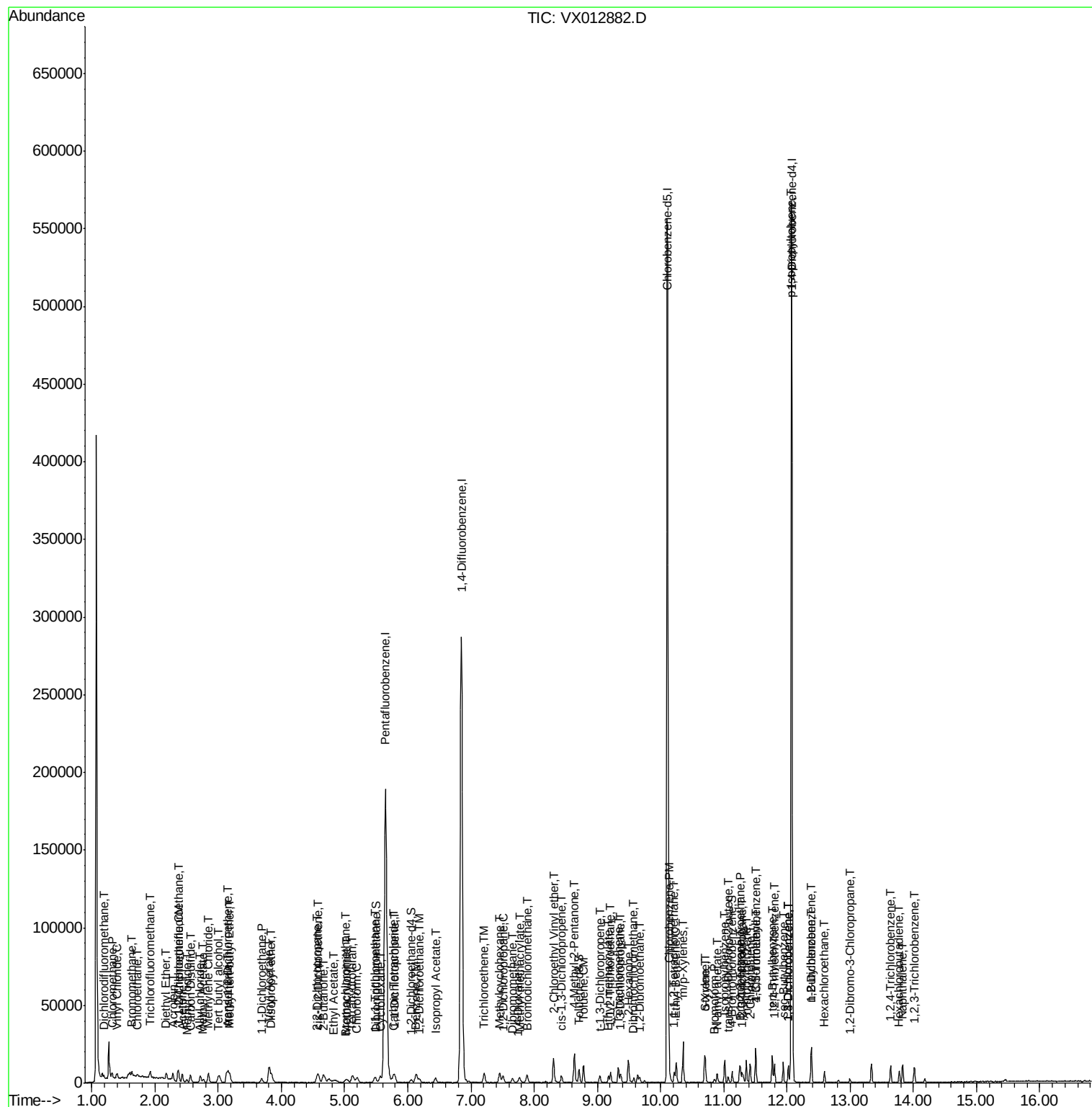
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	2427	1.066	ug/l	93
94) Hexachlorobutadiene	13.78	225	1143	1.156	ug/l	94
95) Naphthalene	13.83	128	7597	0.931	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	2562	1.125	ug/l	96

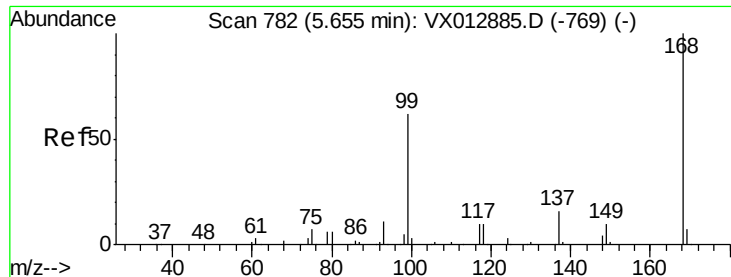
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Acq On : 08 Oct 2019 11:04
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Quant Time: Oct 09 01:20:25 2019
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Quant Title : SW846 8260
QLast Update : Wed Oct 09 01:14:45 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.01 min

Lab File: VX012882.D

Acq: 08 Oct 2019 11:04

Instrument :

MSVOA_X

ClientSampleId :

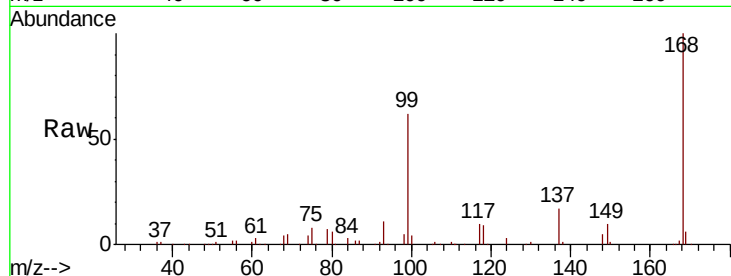
VSTDIC001

Tot Ion:168 Resp: 174611

Ion Ratio Lower Upper

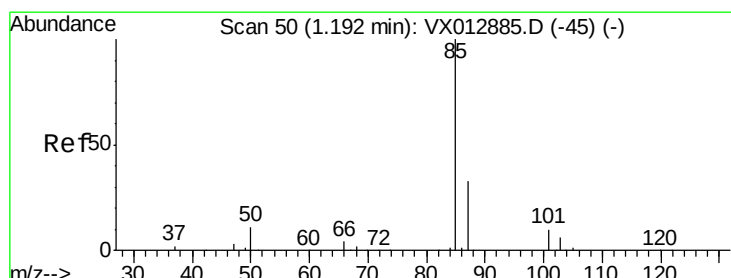
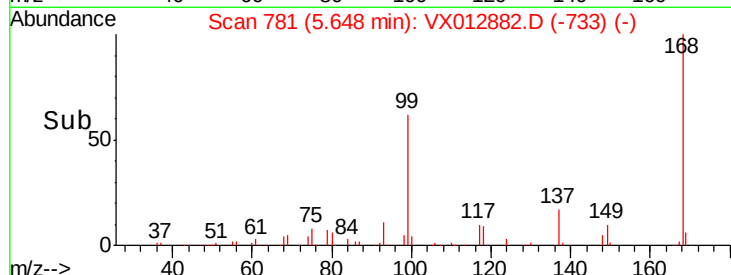
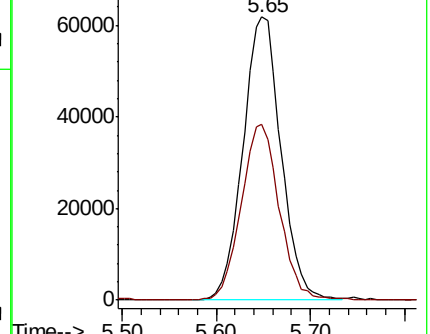
168 100

99 62.3 49.4 74.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 0.800 ug/l

RT: 1.19 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX012882.D

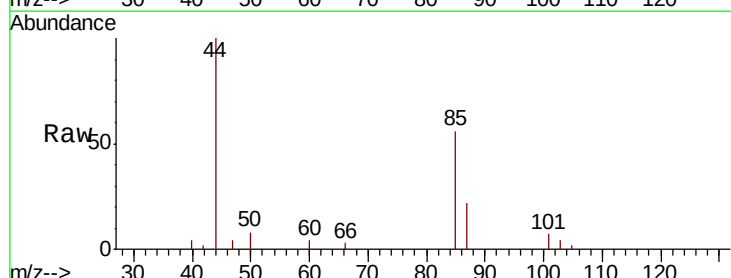
Acq: 08 Oct 2019 11:04

Tgt Ion: 85 Resp: 1582

Ion Ratio Lower Upper

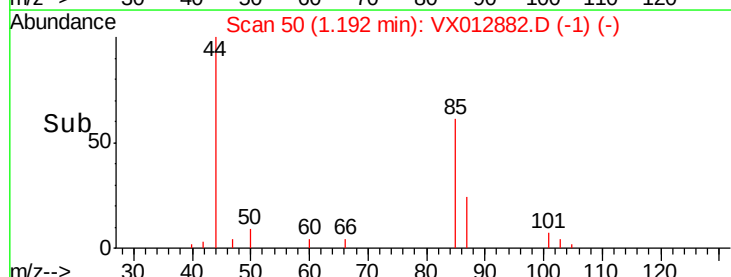
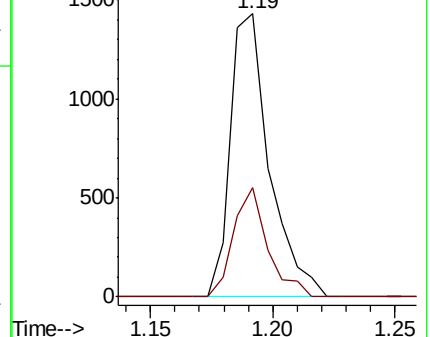
85 100

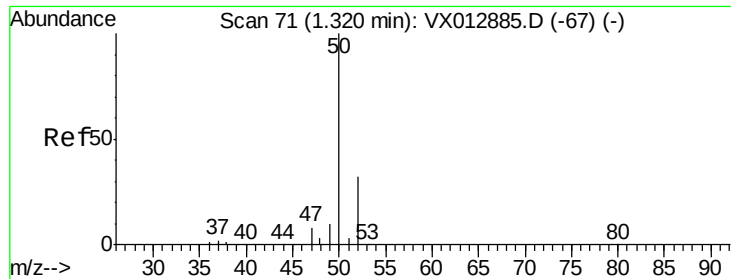
87 38.5 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 0.903 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX012882.D

Acq: 08 Oct 2019 11:04

Instrument :

MSVOA_X

ClientSampleId :

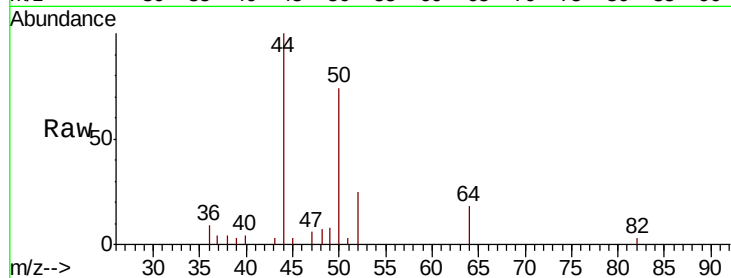
VSTDIC001

Tot Ion: 50 Resp: 2016

Ion Ratio Lower Upper

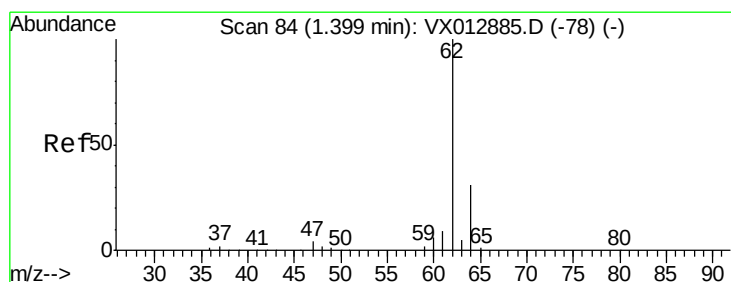
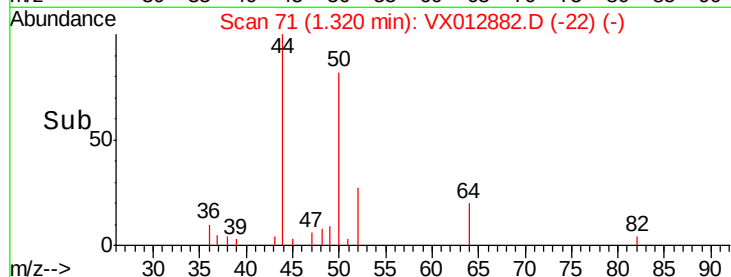
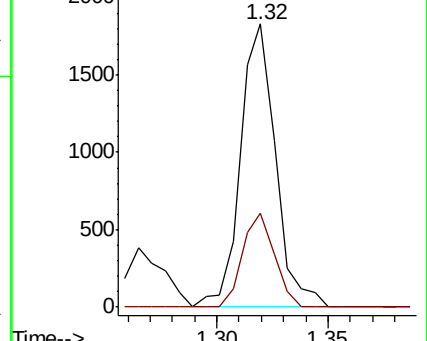
50 100

52 33.1 25.2 37.8



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 0.874 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX012882.D

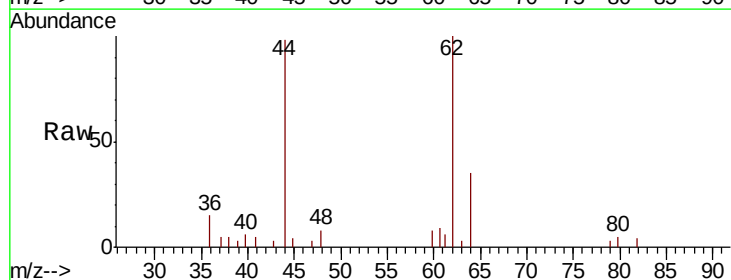
Acq: 08 Oct 2019 11:04

Tgt Ion: 62 Resp: 1947

Ion Ratio Lower Upper

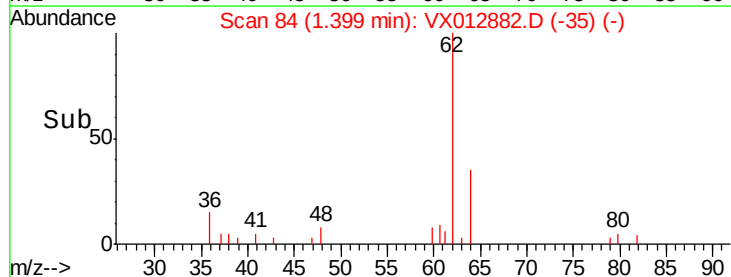
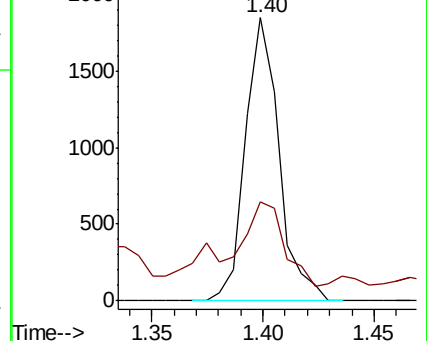
62 100

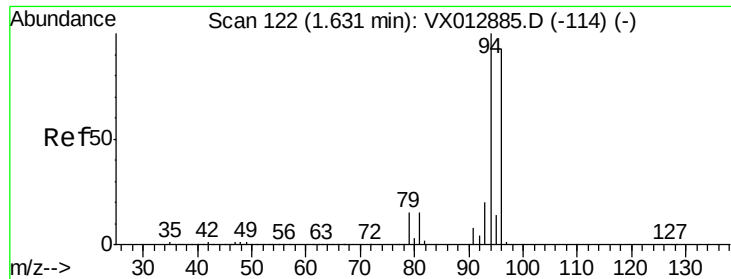
64 26.1 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 1.744 ug/l

RT: 1.64 min Scan# 123

Delta R.T. 0.01 min

Lab File: VX012882.D

Acq: 08 Oct 2019 11:04

Instrument :

MSVOA_X

ClientSampleId :

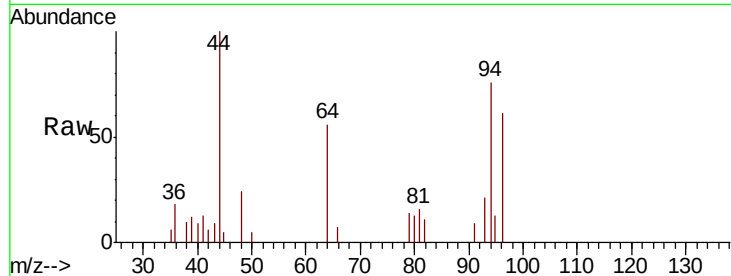
VSTDIC001

Tot Ion: 94 Resp: 1539

Ion Ratio Lower Upper

94 100

96 74.8 74.7 112.1



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

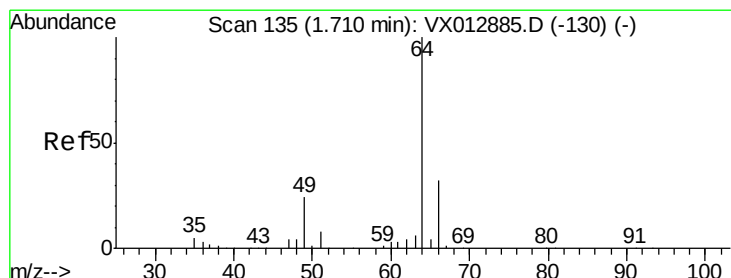
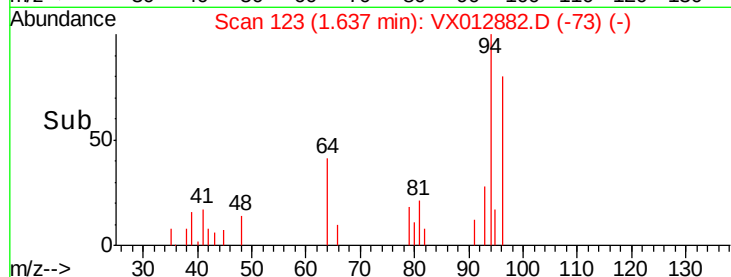
1000

500

0

1.60 1.65 1.70

Time-->



#6

Chloroethane

Concen: 0.618 ug/l

RT: 1.72 min Scan# 137

Delta R.T. 0.01 min

Lab File: VX012882.D

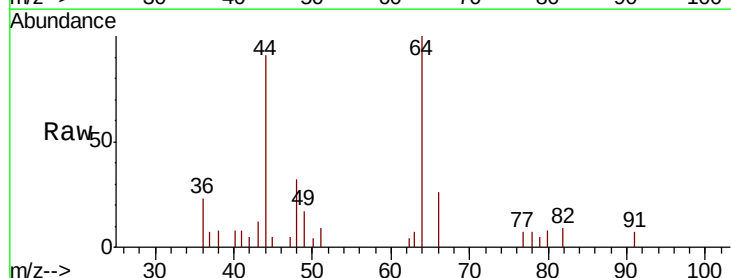
Acq: 08 Oct 2019 11:04

Tgt Ion: 64 Resp: 920

Ion Ratio Lower Upper

64 100

66 59.2 25.6 38.4#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

1500

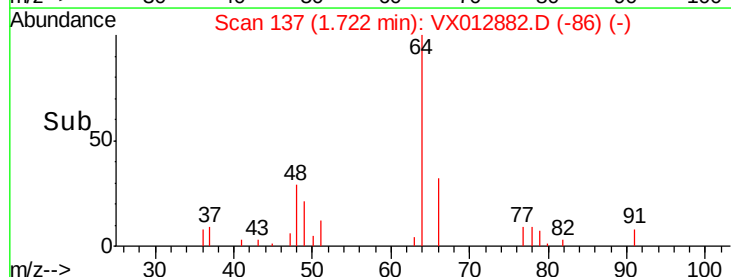
1000

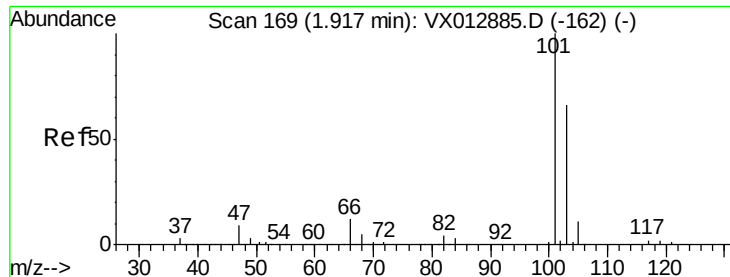
500

0

1.68 1.70 1.72 1.74 1.76

Time-->



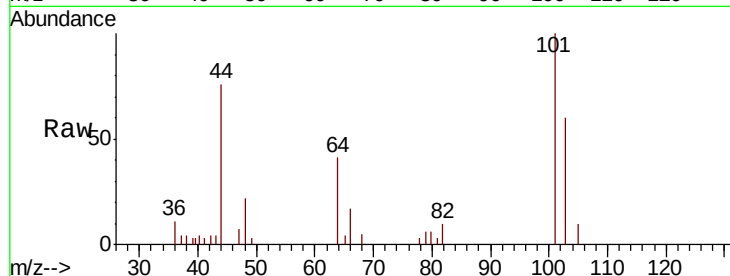


#7

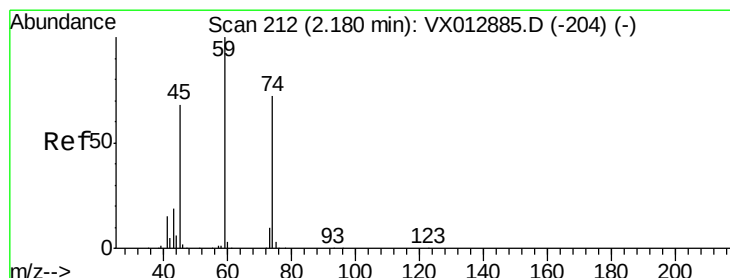
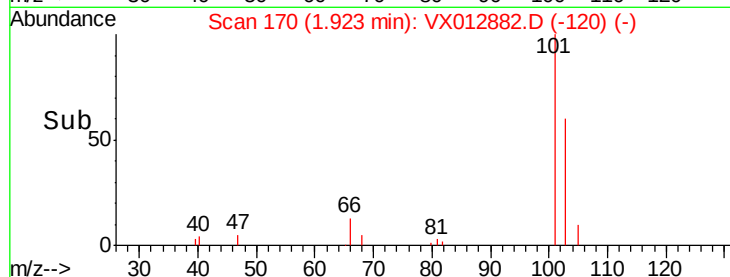
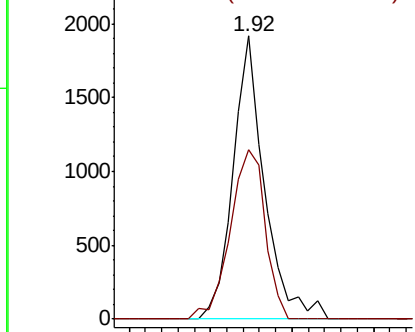
Trichlorofluoromethane
 Concen: 0.821 ug/l
 RT: 1.92 min Scan# 170
 Delta R.T. 0.01 min
 Lab File: VX012882.D
 Acq: 08 Oct 2019 11:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion:101 Resp: 2561
 Ion Ratio Lower Upper
 101 100
 103 59.9 52.5 78.7



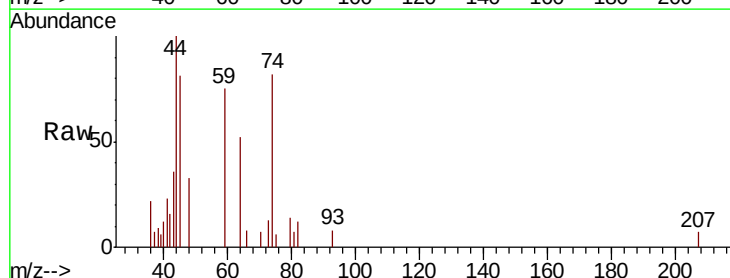
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



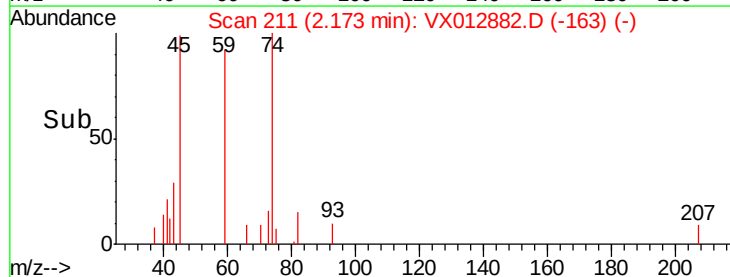
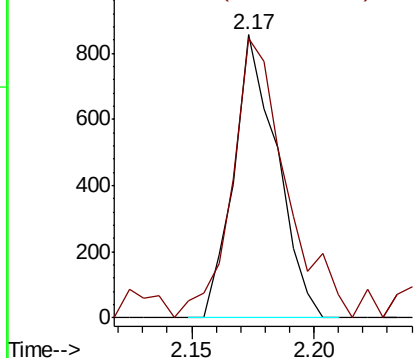
#8

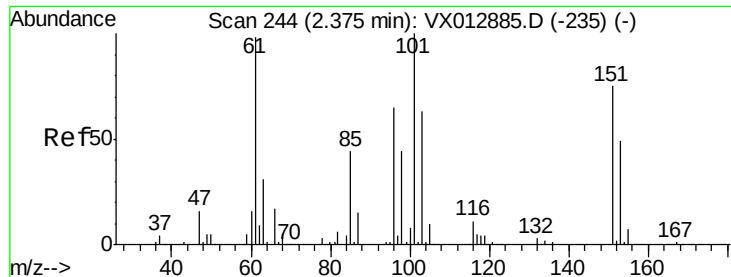
Diethyl Ether
 Concen: 0.828 ug/l
 RT: 2.17 min Scan# 211
 Delta R.T. -0.01 min
 Lab File: VX012882.D
 Acq: 08 Oct 2019 11:04

Tgt Ion: 74 Resp: 1055
 Ion Ratio Lower Upper
 74 100
 45 123.1 47.8 143.4



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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.874 ug/l

RT: 2.37 min Scan# 243

Delta R.T. -0.01 min

Lab File: VX012882.D

Acq: 08 Oct 2019 11:04

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MSVOA_X

ClientSampleId :

VSTDIC001

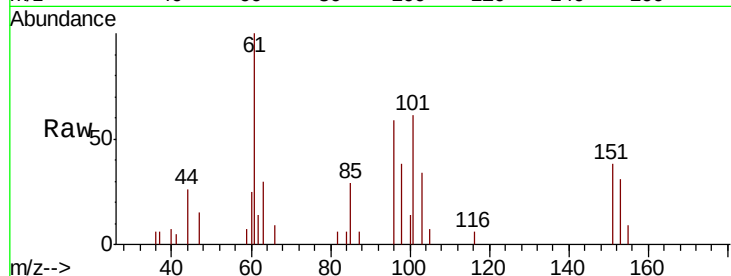
Tot Ion:101 Resp: 1671

Ion Ratio Lower Upper

101 100

85 46.5 35.2 52.8

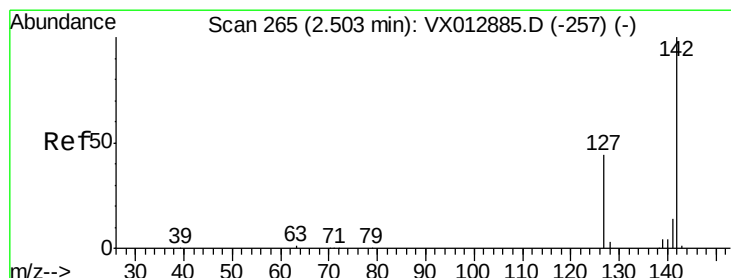
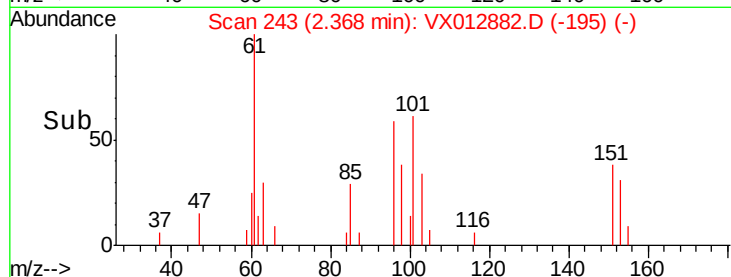
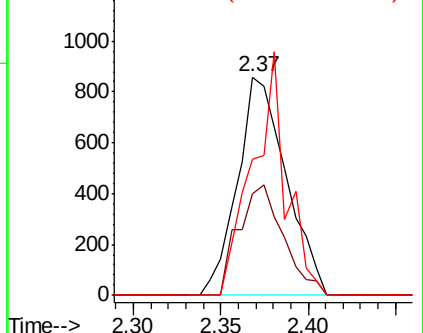
151 77.1 60.3 90.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 0.861 ug/l

RT: 2.50 min Scan# 265

Delta R.T. -0.00 min

Lab File: VX012882.D

Acq: 08 Oct 2019 11:04

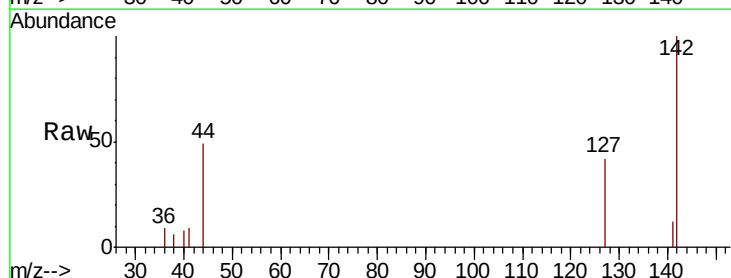
Tgt Ion:142 Resp: 1564

Ion Ratio Lower Upper

142 100

127 43.0 34.9 52.3

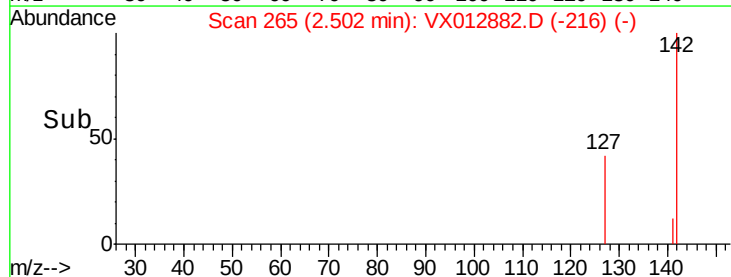
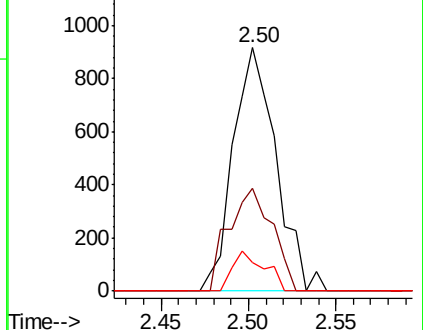
141 12.2 11.6 17.4

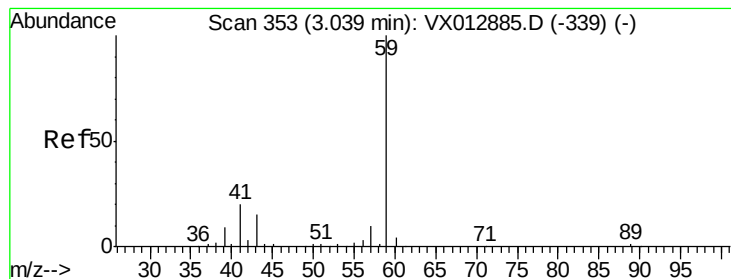


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



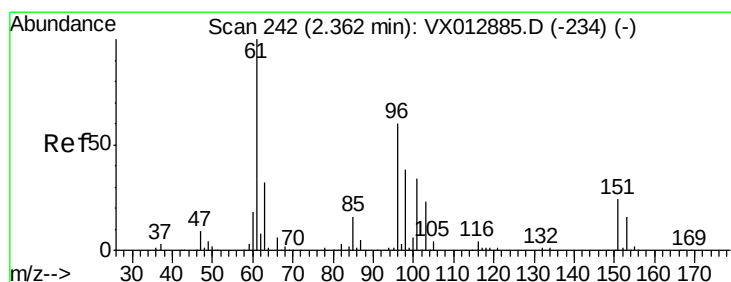
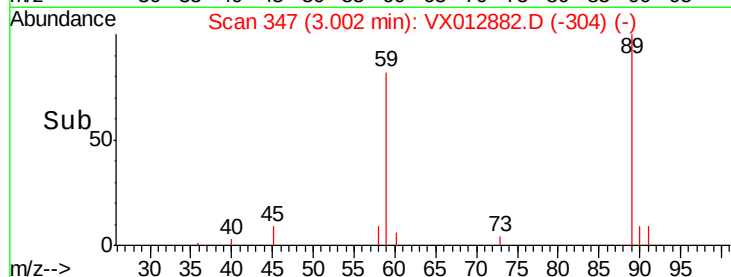
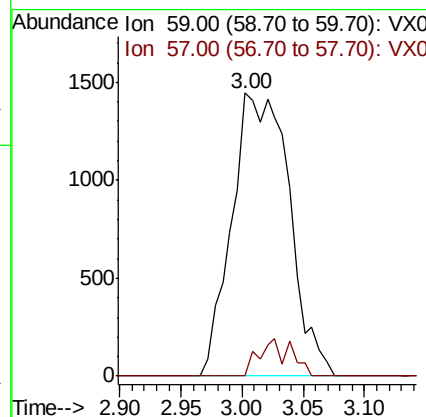
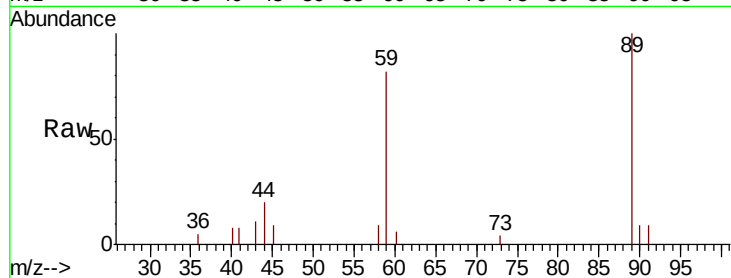


#11

Tert butyl alcohol
 Concen: 7.544 ug/l
 RT: 3.00 min Scan# 347
 Delta R.T. -0.04 min
 Lab File: VX012882.D
 Acq: 08 Oct 2019 11:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

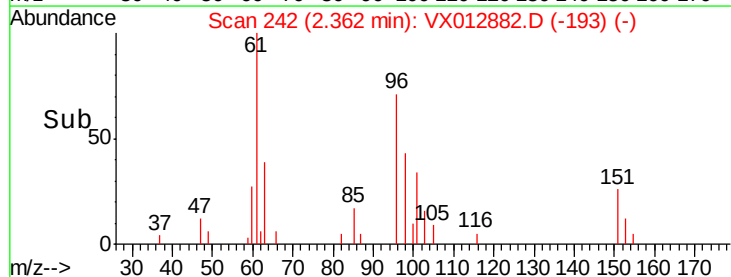
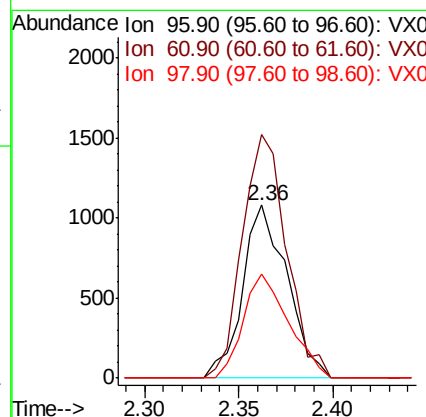
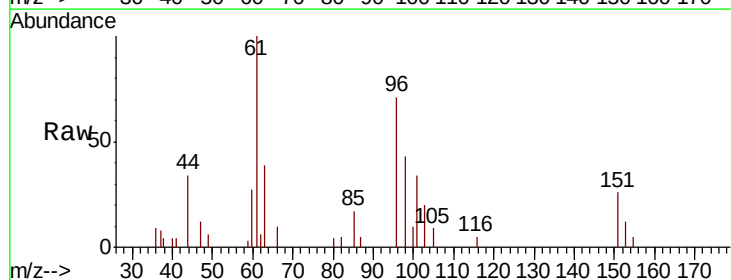
Tot Ion: 59 Resp: 4712
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.3 12.5#

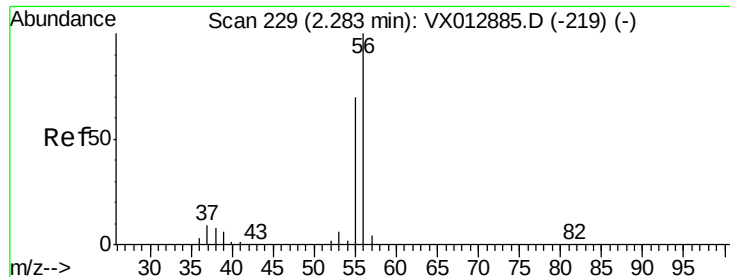


#12

1,1-Dichloroethene
 Concen: 0.942 ug/l
 RT: 2.36 min Scan# 242
 Delta R.T. -0.00 min
 Lab File: VX012882.D
 Acq: 08 Oct 2019 11:04

Tgt Ion: 96 Resp: 1763
 Ion Ratio Lower Upper
 96 100
 61 140.9 132.2 198.4
 98 60.5 50.5 75.7

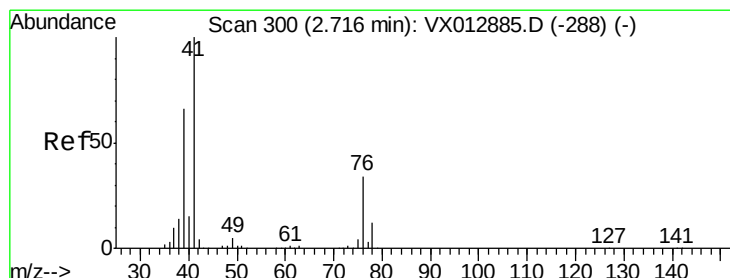
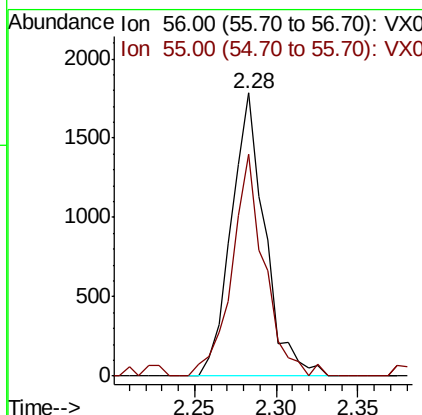
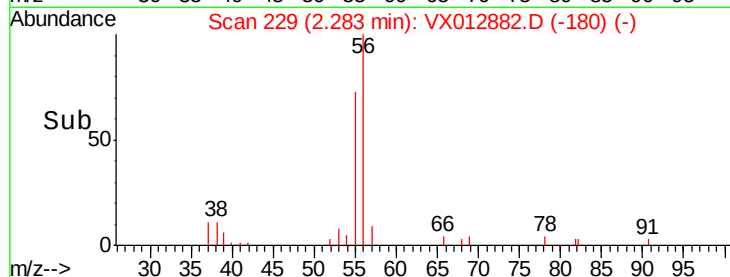
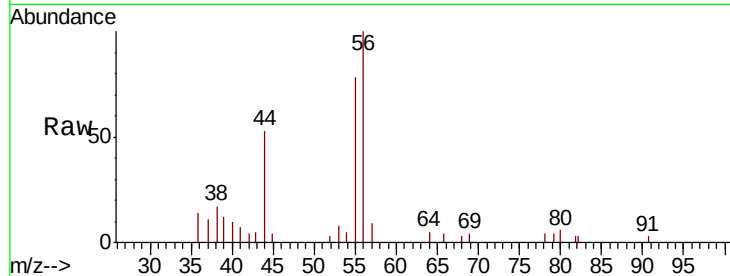




#13
Acrolein
Concen: 7.459 ug/l
RT: 2.28 min Scan# 229
Delta R.T. -0.00 min
Lab File: VX012882.D
Acq: 08 Oct 2019 11:04

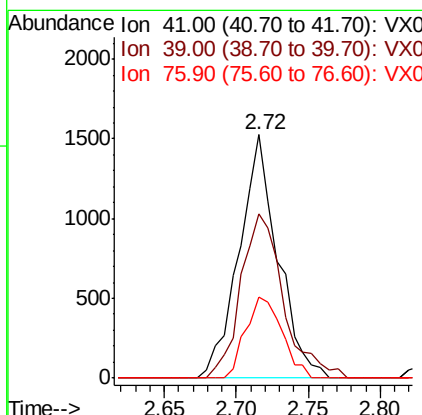
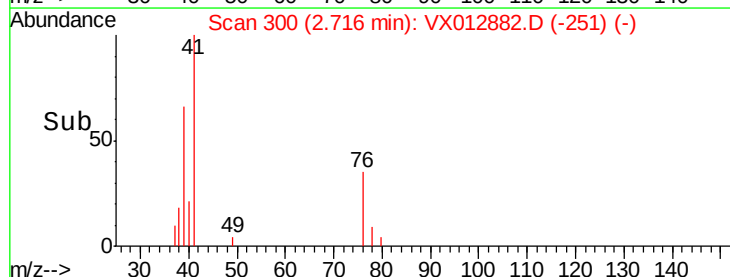
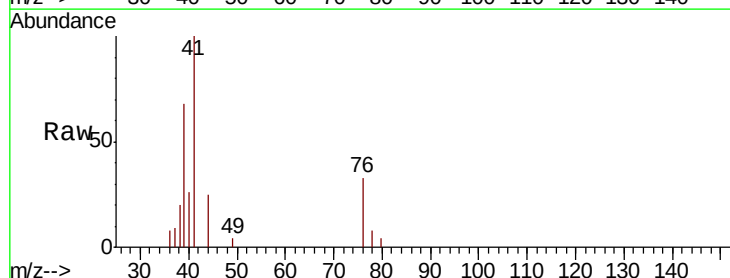
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

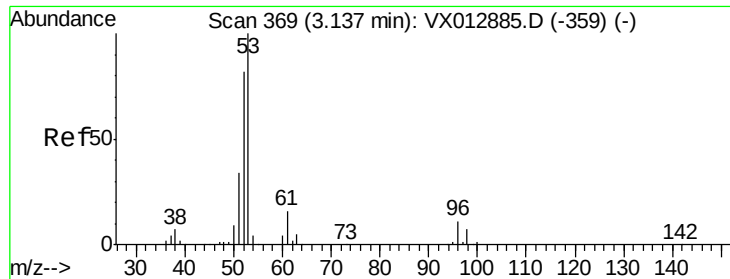
Tot Ion: 56 Resp: 2569
Ion Ratio Lower Upper
56 100
55 75.6 56.6 85.0



#14
Allyl chloride
Concen: 0.776 ug/l
RT: 2.72 min Scan# 300
Delta R.T. -0.00 min
Lab File: VX012882.D
Acq: 08 Oct 2019 11:04

Tgt Ion: 41 Resp: 2847
Ion Ratio Lower Upper
41 100
39 74.1 51.0 76.6
76 31.2 26.2 39.4





#15

Acrylonitrile

Concen: 3.824 ug/l

RT: 3.14 min Scan# 369

Delta R.T. -0.00 min

Lab File: VX012882.D

Acq: 08 Oct 2019 11:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

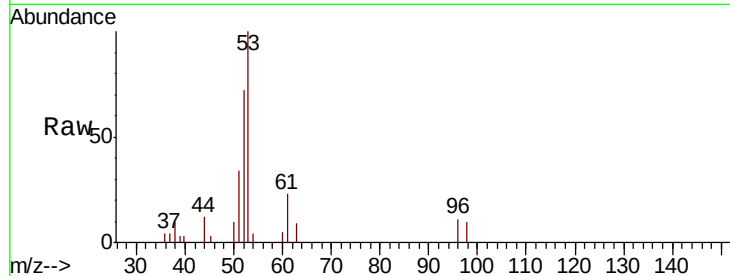
Tot Ion: 53 Resp: 4859

Ion Ratio Lower Upper

53 100

52 86.0 66.2 99.2

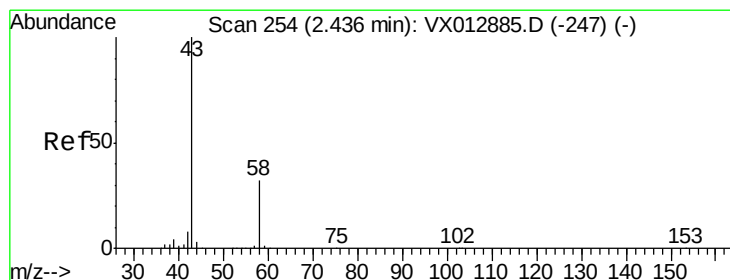
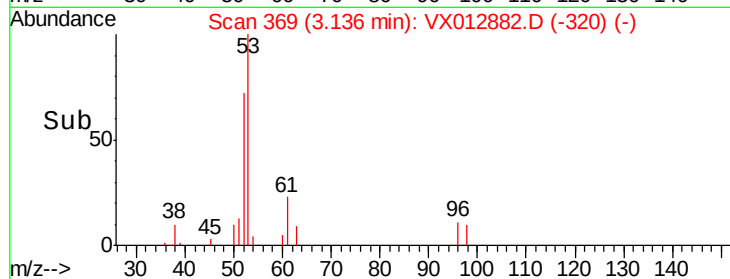
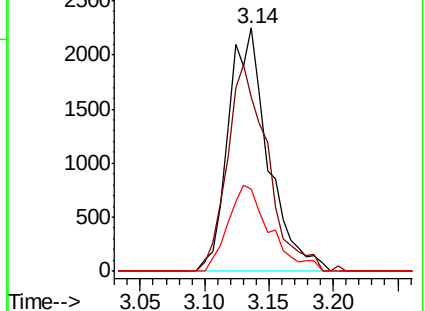
51 37.1 28.2 42.4



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: 4.241 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX012882.D

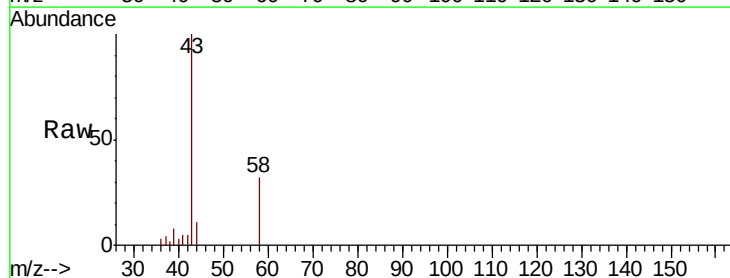
Acq: 08 Oct 2019 11:04

Tgt Ion: 43 Resp: 5619

Ion Ratio Lower Upper

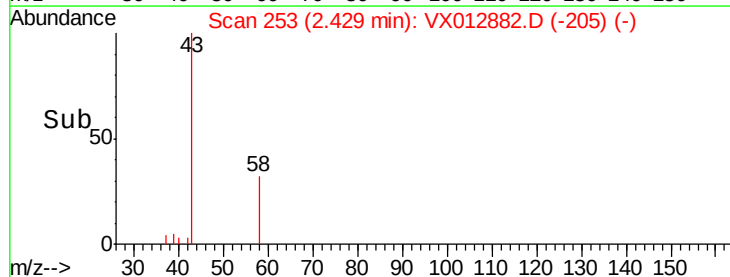
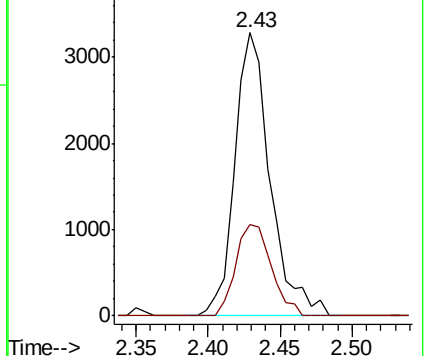
43 100

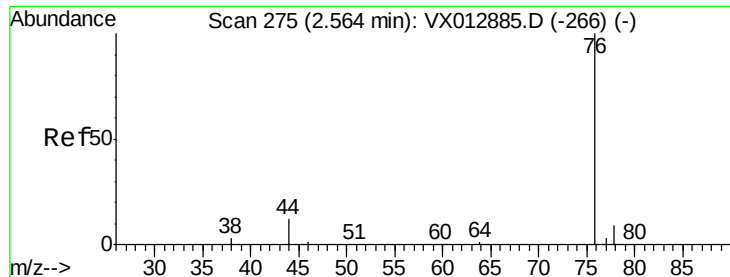
58 32.2 25.4 38.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

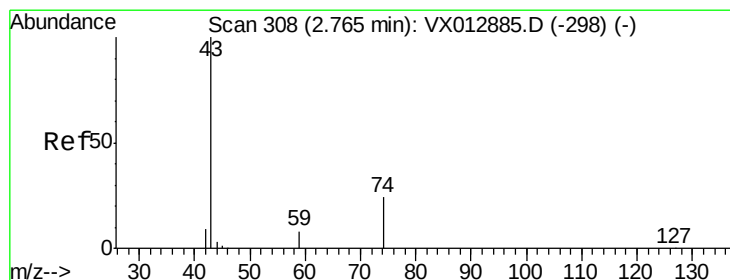
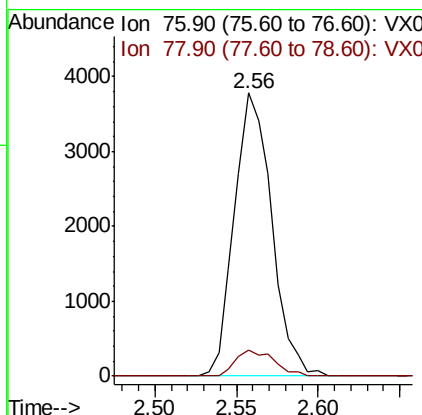
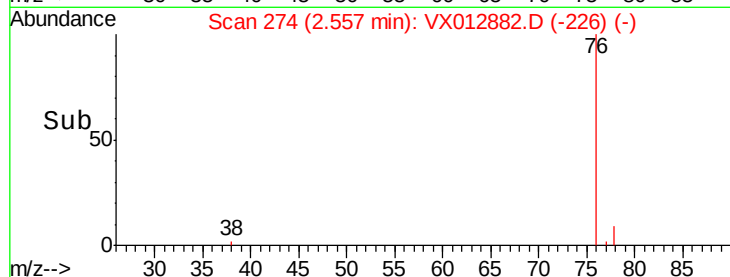
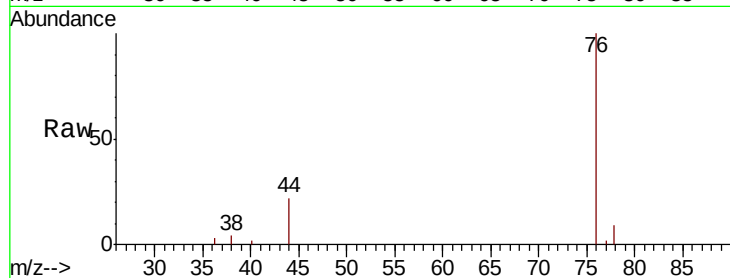




#17
Carbon Disulfide
Concen: 1.150 ug/l
RT: 2.56 min Scan# 274
Delta R.T. -0.01 min
Lab File: VX012882.D
Acq: 08 Oct 2019 11:04

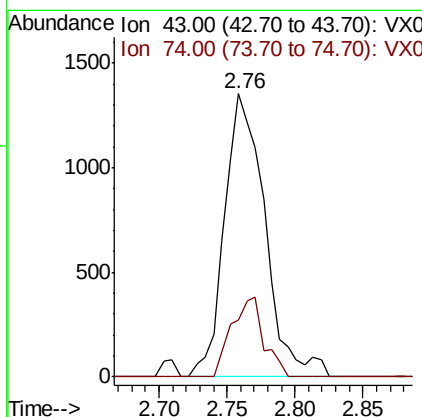
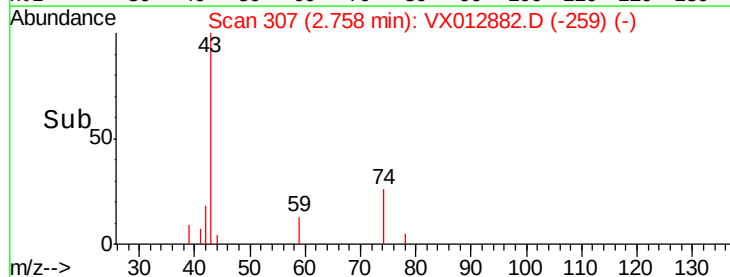
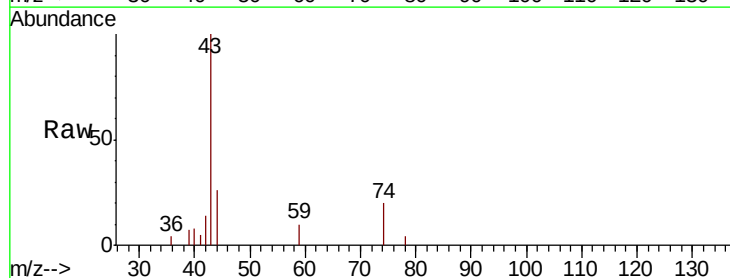
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

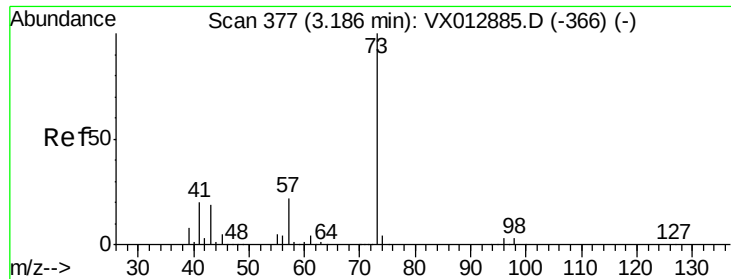
Tot Ion: 76 Resp: 6043
Ion Ratio Lower Upper
76 100
78 9.0 7.1 10.7



#18
Methyl Acetate
Concen: 0.897 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX012882.D
Acq: 08 Oct 2019 11:04

Tgt Ion: 43 Resp: 2808
Ion Ratio Lower Upper
43 100
74 22.3 19.2 28.8

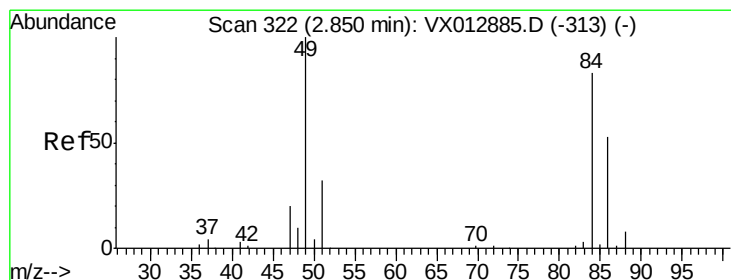
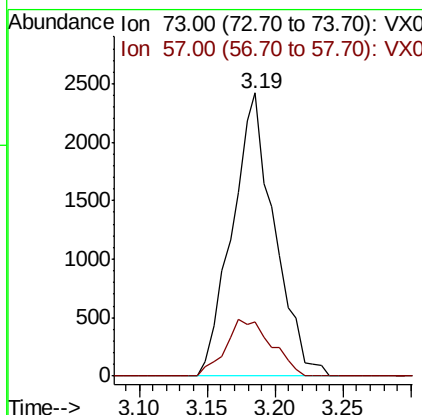
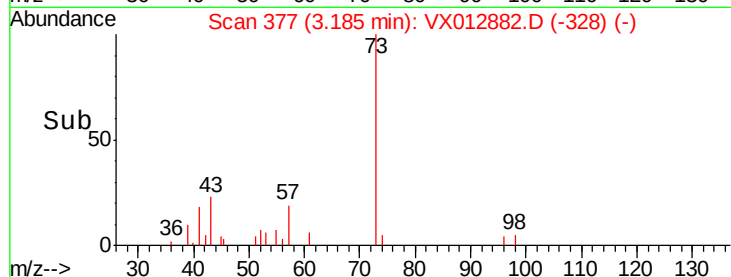
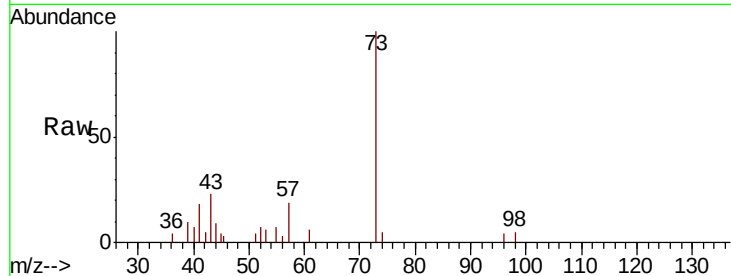




#19
Methyl tert-butyl Ether
Concen: 0.746 ug/l
RT: 3.19 min Scan# 377
Delta R.T. -0.00 min
Lab File: VX012882.D
Acq: 08 Oct 2019 11:04

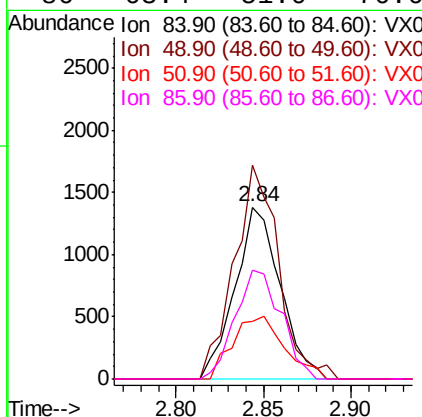
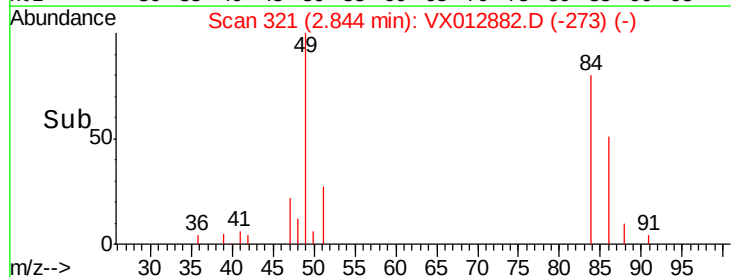
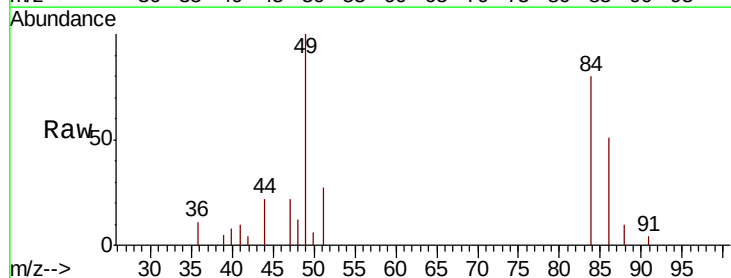
Instrument :
MSVOA_X
ClientSampleID :
VSTDIC001

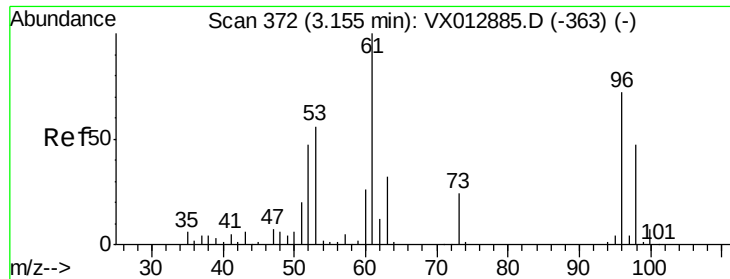
Tot Ion: 73 Resp: 5237
Ion Ratio Lower Upper
73 100
57 19.2 17.8 26.6



#20
Methylene Chloride
Concen: 1.093 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX012882.D
Acq: 08 Oct 2019 11:04

Tgt Ion: 84 Resp: 2480
Ion Ratio Lower Upper
84 100
49 124.5 96.6 144.8
51 33.8 30.7 46.1
86 63.4 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 0.917 ug/l

RT: 3.16 min Scan# 373

Delta R.T. 0.01 min

Lab File: VX012882.D

Acq: 08 Oct 2019 11:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

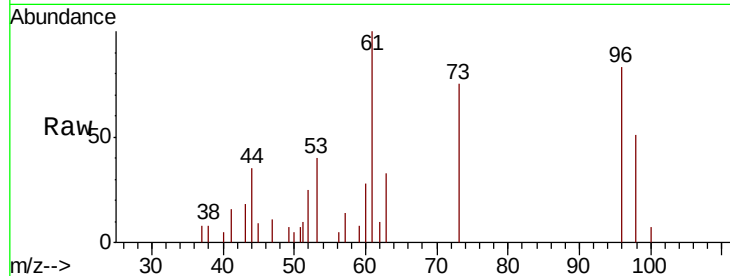
Tot Ion: 96 Resp: 1898

Ion Ratio Lower Upper

96 100

61 119.8 110.4 165.6

98 61.2 51.5 77.3

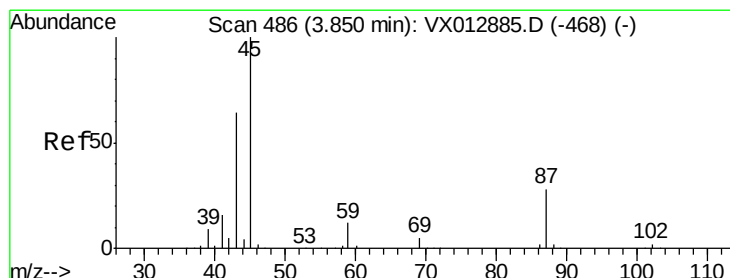
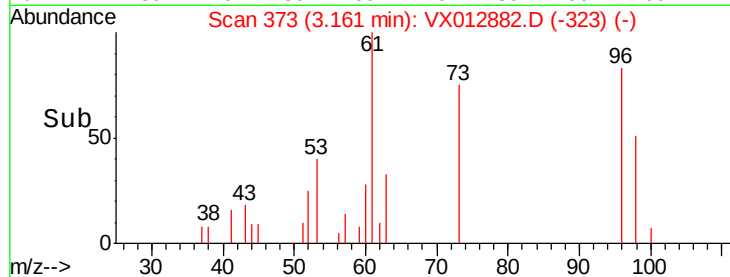
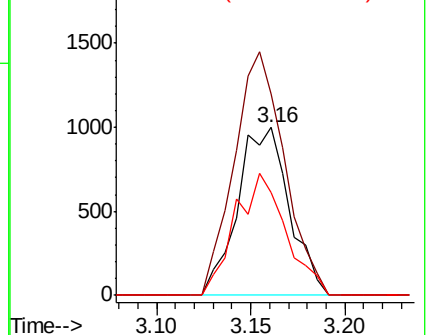


Abundance

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: 0.751 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.01 min

Lab File: VX012882.D

Acq: 08 Oct 2019 11:04

Tgt Ion: 45 Resp: 5329

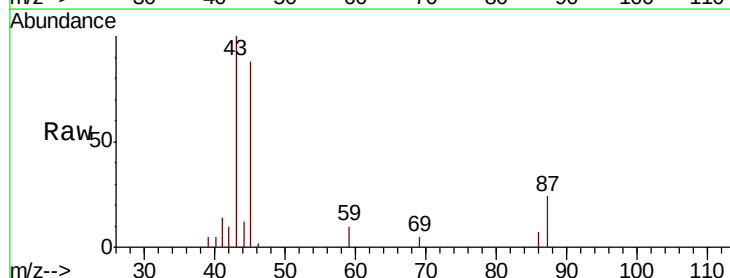
Ion Ratio Lower Upper

45 100

43 103.4 51.4 77.0#

87 27.1 22.5 33.7

59 11.1 9.7 14.5



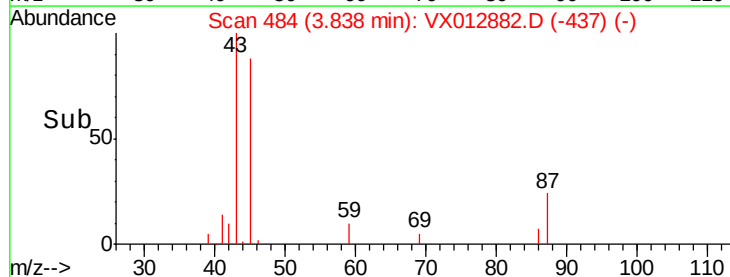
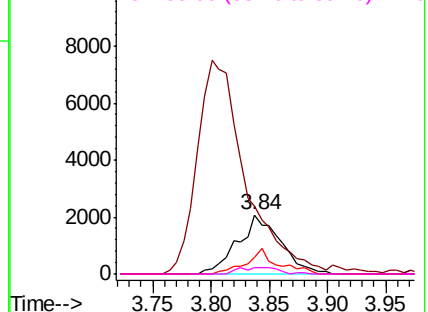
Abundance

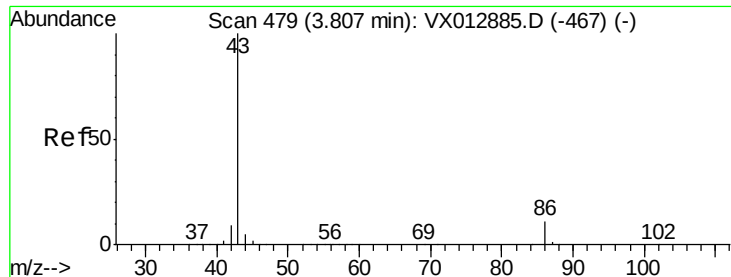
Ion 45.00 (44.70 to 45.70): VX0

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: 3.483 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.01 min

Lab File: VX012882.D

Acq: 08 Oct 2019 11:04

Instrument :

MSVOA_X

ClientSampleId :

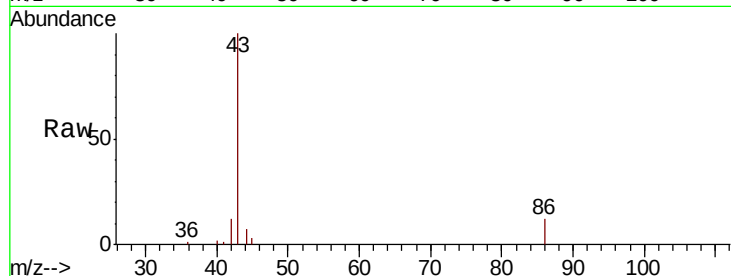
VSTDIC001

Tot Ion: 43 Resp: 21607

Ion Ratio Lower Upper

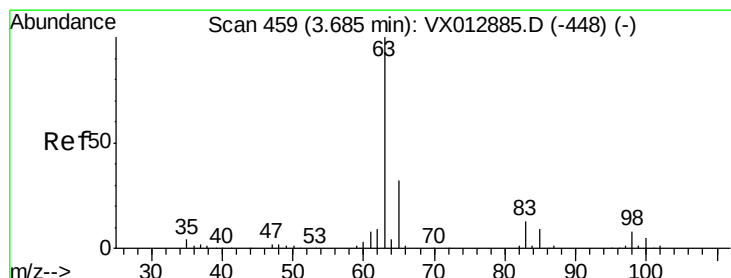
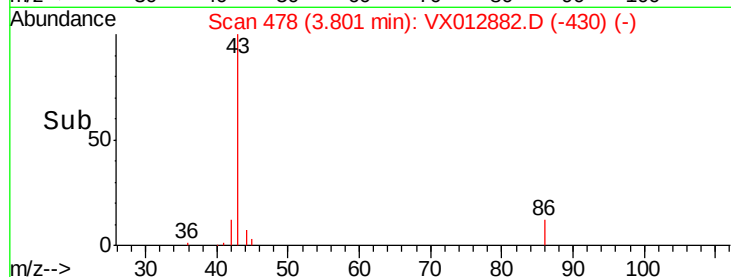
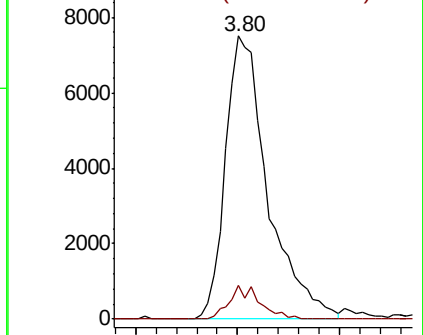
43 100

86 11.8 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 0.814 ug/l

RT: 3.68 min Scan# 458

Delta R.T. -0.01 min

Lab File: VX012882.D

Acq: 08 Oct 2019 11:04

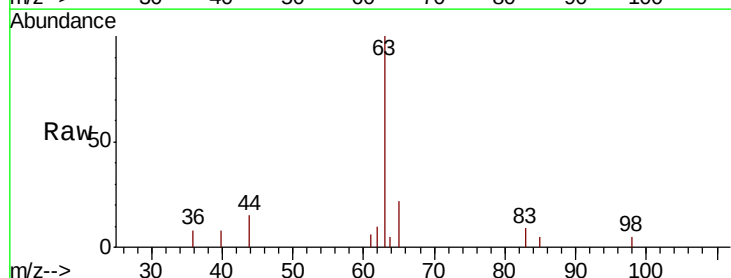
Tgt Ion: 63 Resp: 3147

Ion Ratio Lower Upper

63 100

98 5.1 3.9 11.5

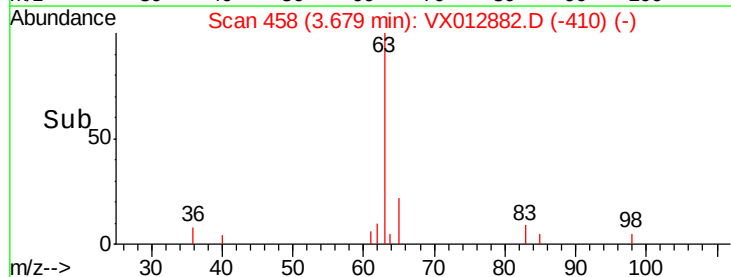
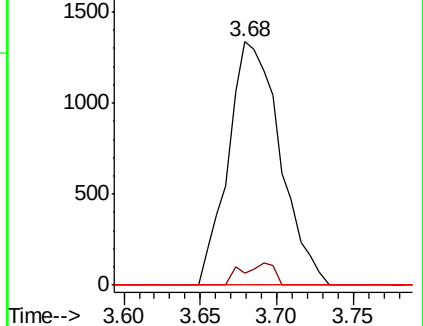
100 0.0 2.3 6.9#

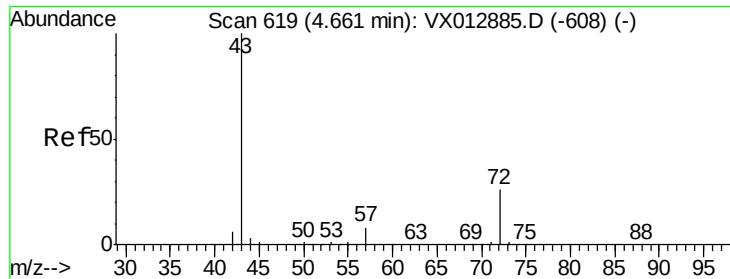


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 3.643 ug/l

RT: 4.66 min Scan# 619

Delta R.T. -0.00 min

Lab File: VX012882.D

Acq: 08 Oct 2019 11:04

Instrument :

MSVOA_X

ClientSampled :

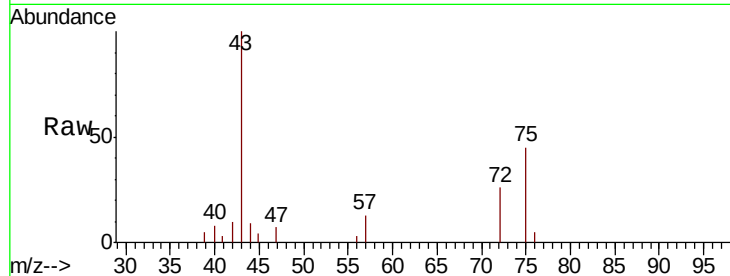
VSTDIC001

Tot Ion: 43 Resp: 6905

Ion Ratio Lower Upper

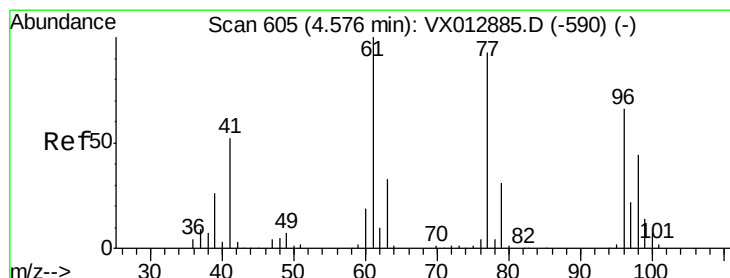
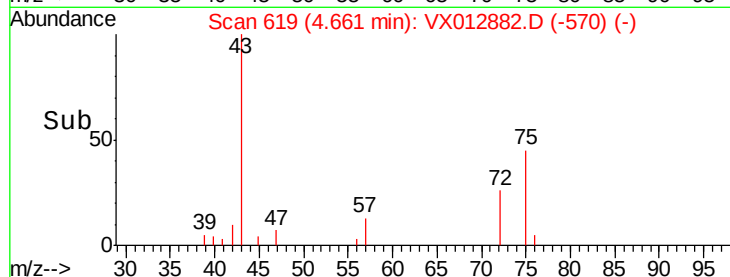
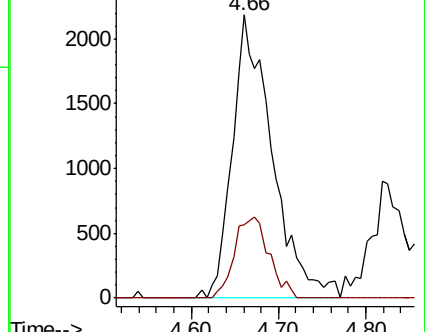
43 100

72 25.9 21.0 31.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 0.767 ug/l

RT: 4.56 min Scan# 603

Delta R.T. -0.01 min

Lab File: VX012882.D

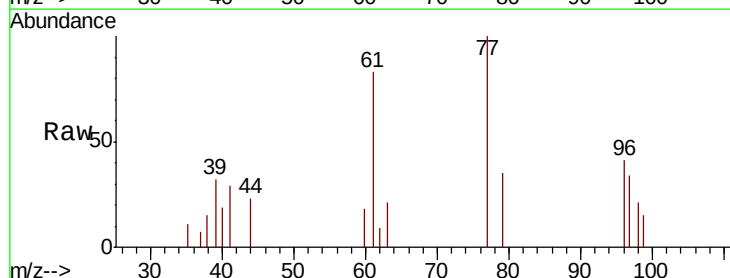
Acq: 08 Oct 2019 11:04

Tgt Ion: 77 Resp: 2625

Ion Ratio Lower Upper

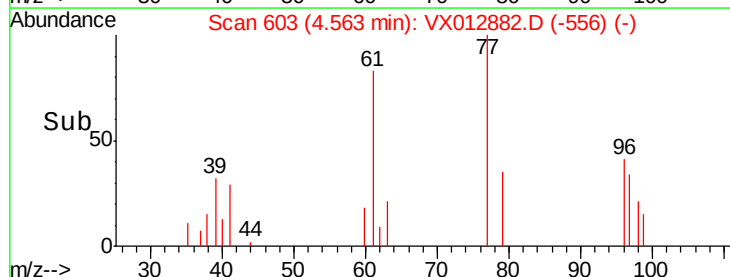
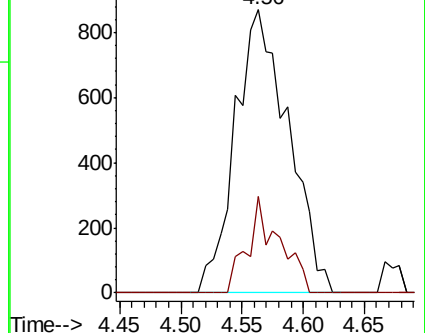
77 100

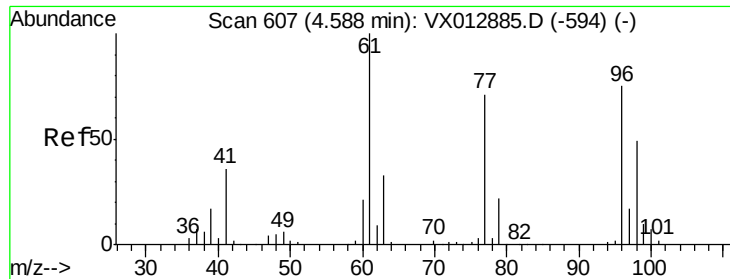
97 20.3 11.3 33.9



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



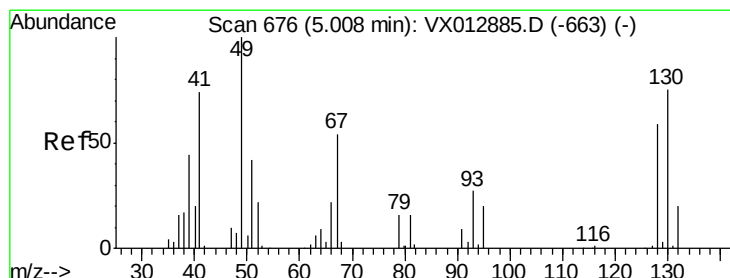
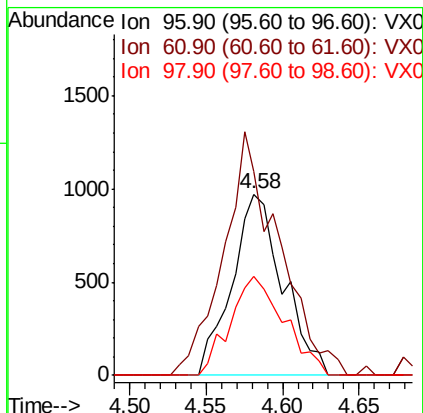
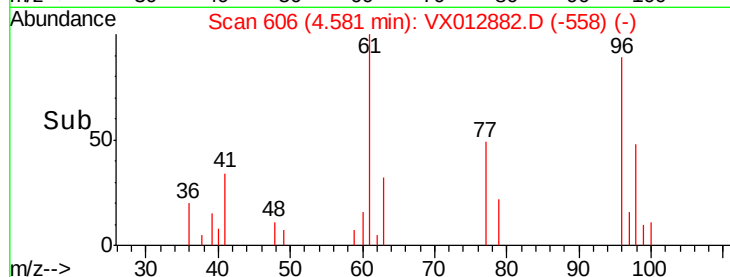
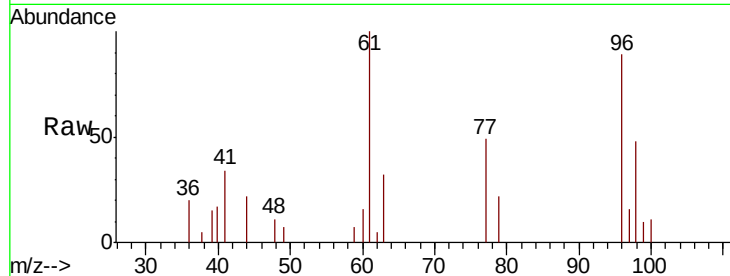


#27

cis-1,2-Dichloroethene
 Concen: 0.939 ug/l
 RT: 4.58 min Scan# 606
 Delta R.T. -0.01 min
 Lab File: VX012882.D
 Acq: 08 Oct 2019 11:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

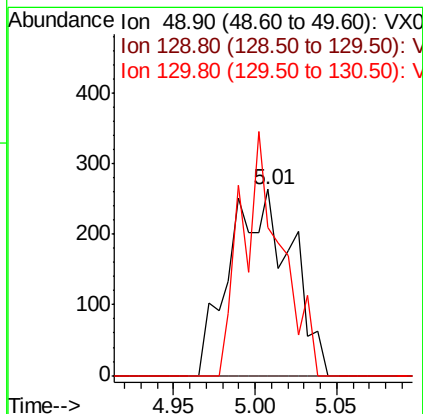
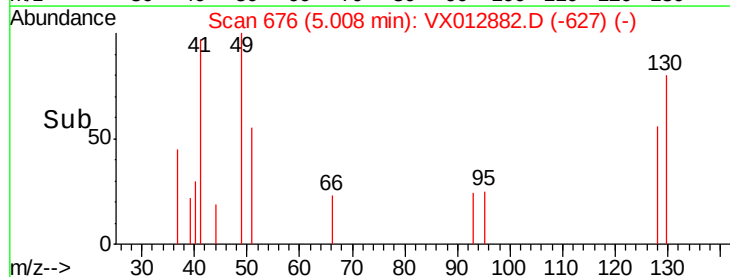
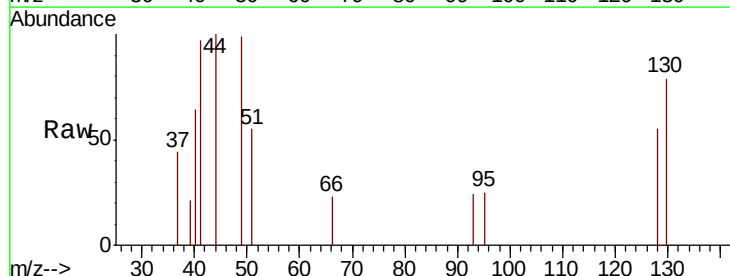
Tot Ion: 96 Resp: 2253
 Ion Ratio Lower Upper
 96 100
 61 146.3 0.0 290.6
 98 58.1 0.0 128.8

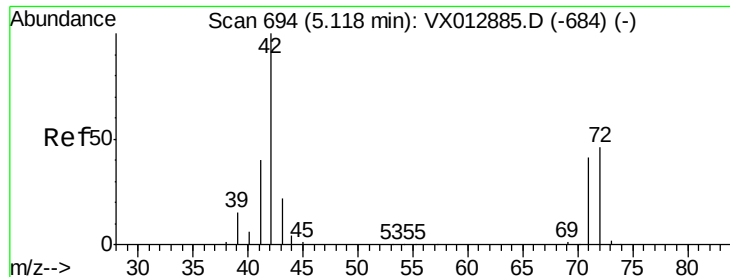


#28

Bromochloromethane
 Concen: 0.506 ug/l
 RT: 5.01 min Scan# 676
 Delta R.T. -0.00 min
 Lab File: VX012882.D
 Acq: 08 Oct 2019 11:04

Tgt Ion: 49 Resp: 694
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 4.2
 130 83.6 62.1 93.1

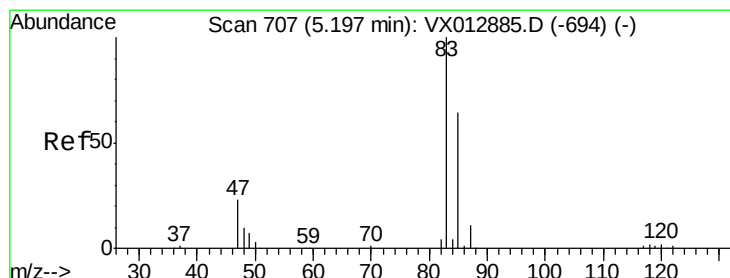
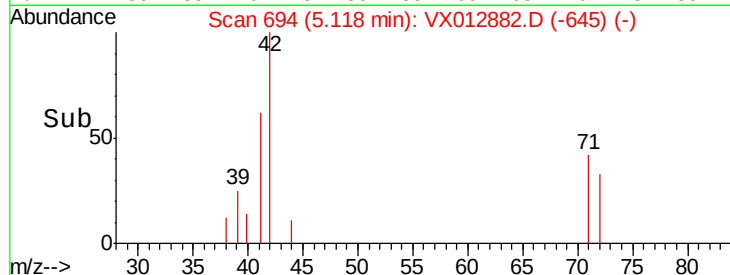
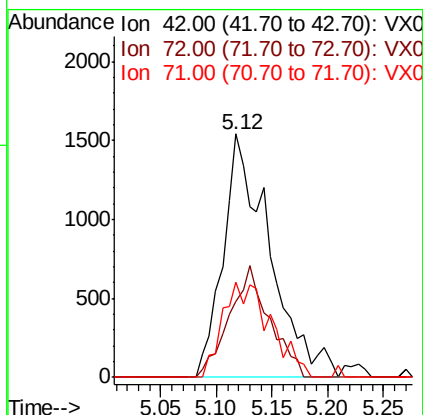
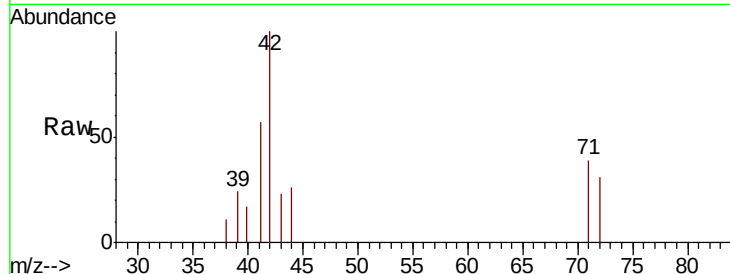




#29
Tetrahydrofuran
Concen: 3.850 ug/l
RT: 5.12 min Scan# 694
Delta R.T. -0.00 min
Lab File: VX012882.D
Acq: 08 Oct 2019 11:04

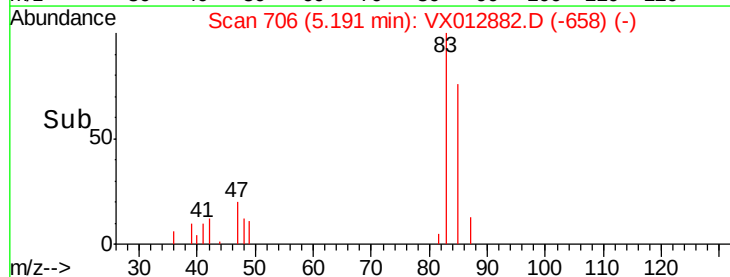
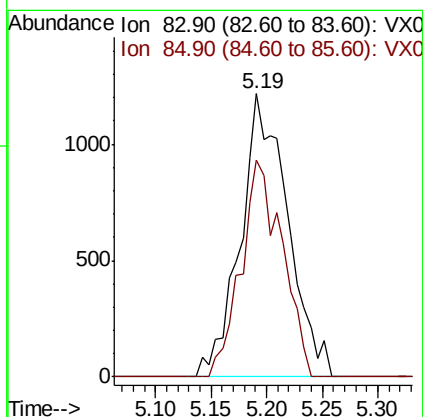
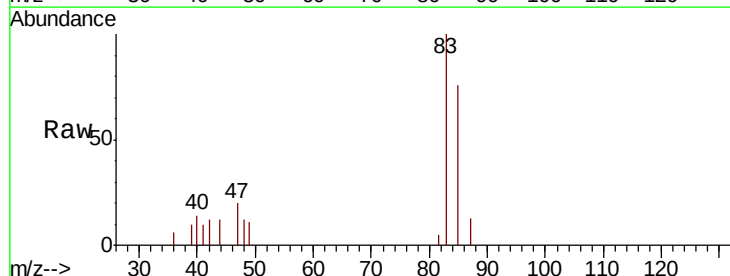
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

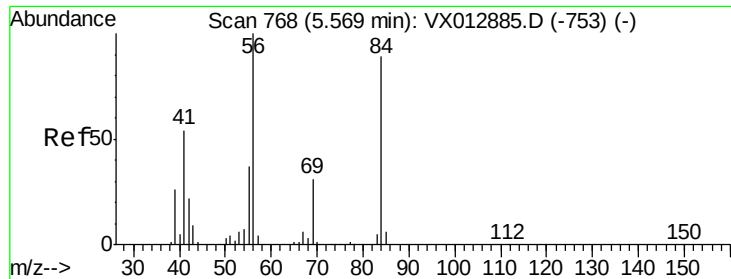
Tot Ion: 42 Resp: 4455
Ion Ratio Lower Upper
42 100
72 39.6 36.9 55.3
71 40.5 33.5 50.3



#30
Chloroform
Concen: 0.905 ug/l
RT: 5.19 min Scan# 706
Delta R.T. -0.01 min
Lab File: VX012882.D
Acq: 08 Oct 2019 11:04

Tgt Ion: 83 Resp: 3587
Ion Ratio Lower Upper
83 100
85 76.5 51.5 77.3

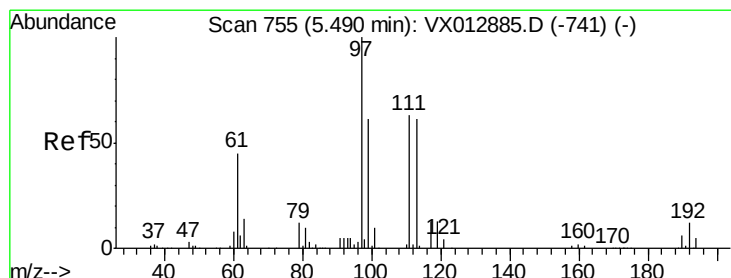
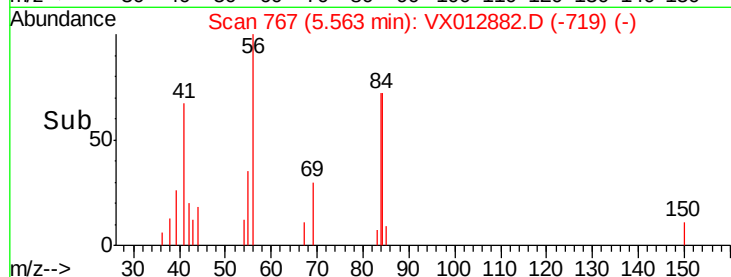
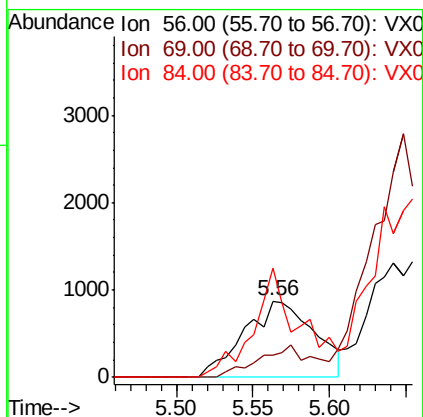
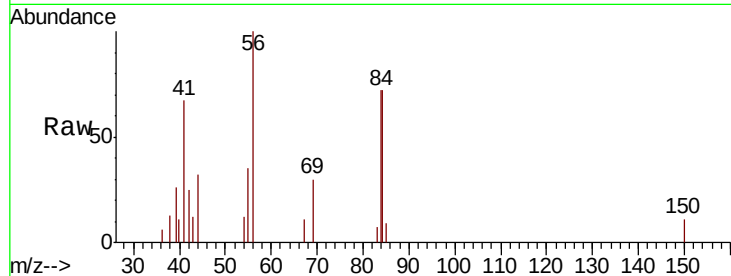




#31
Cyclohexane
Concen: 0.795 ug/l
RT: 5.56 min Scan# 767
Delta R.T. -0.01 min
Lab File: VX012882.D
Acq: 08 Oct 2019 11:04

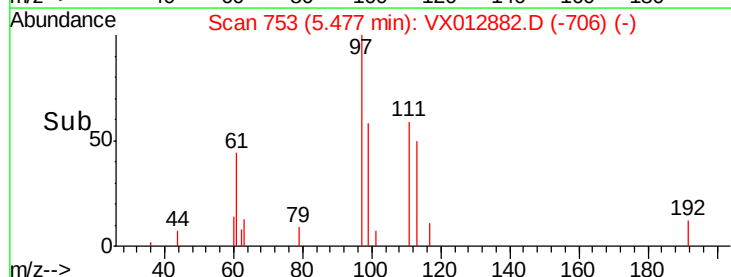
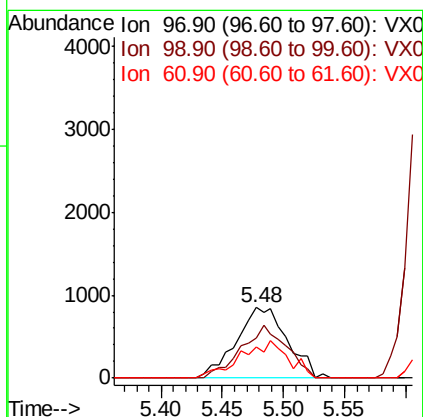
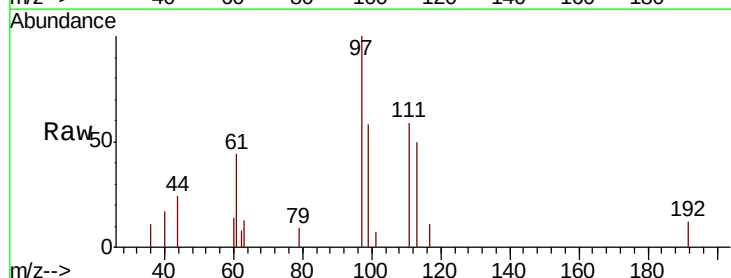
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

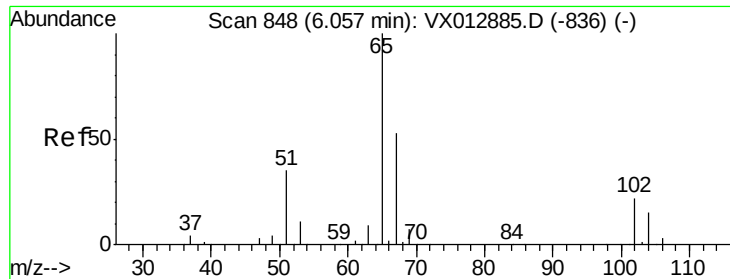
Tot Ion: 56 Resp: 2788
Ion Ratio Lower Upper
56 100
69 29.7 25.2 37.8
84 143.5 71.3 106.9#



#32
1,1,1-Trichloroethane
Concen: 0.708 ug/l
RT: 5.48 min Scan# 753
Delta R.T. -0.01 min
Lab File: VX012882.D
Acq: 08 Oct 2019 11:04

Tgt Ion: 97 Resp: 2475
Ion Ratio Lower Upper
97 100
99 0.0 52.3 78.5#
61 49.7 35.0 52.4

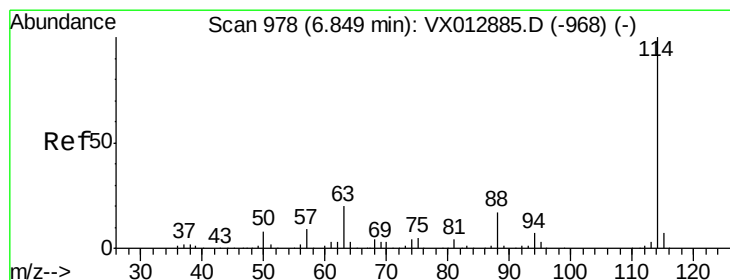
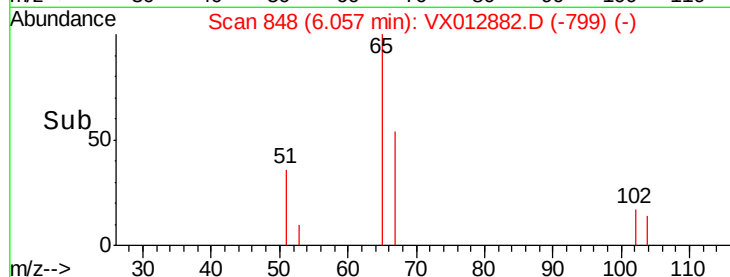
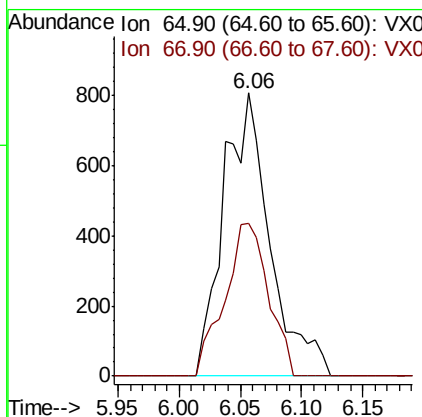
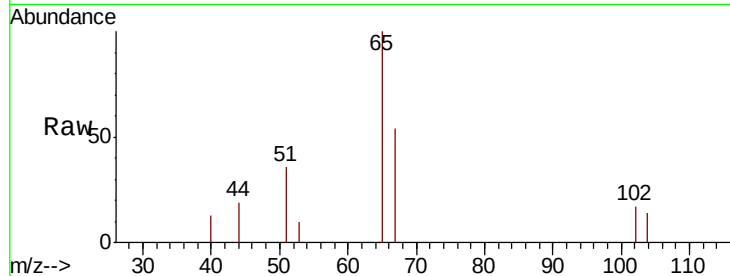




#33
 1,2-Dichloroethane-d4
 Concen: 0.855 ug/l
 RT: 6.06 min Scan# 848
 Delta R.T. -0.00 min
 Lab File: VX012882.D
 Acq: 08 Oct 2019 11:04

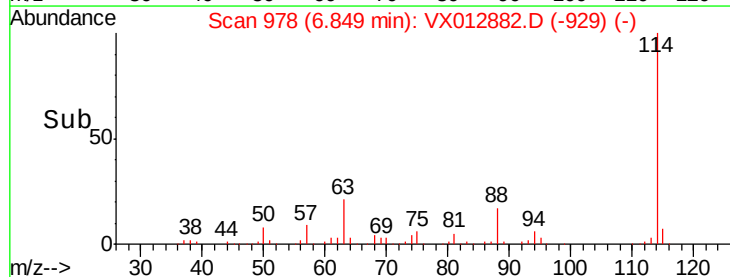
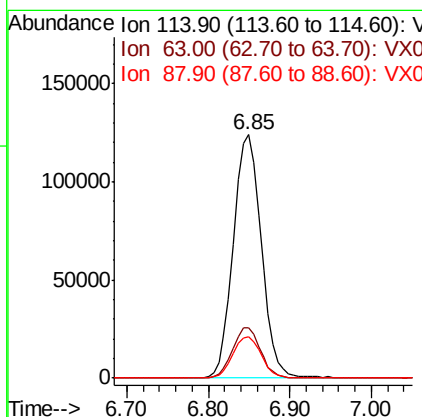
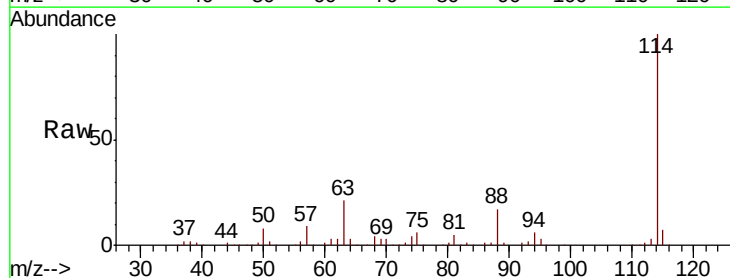
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

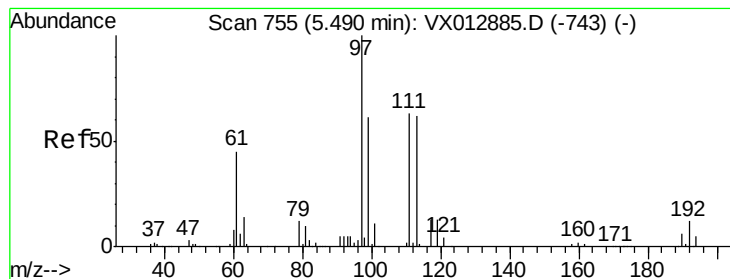
Tot Ion: 65 Resp: 2138
 Ion Ratio Lower Upper
 65 100
 67 50.2 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX012882.D
 Acq: 08 Oct 2019 11:04

Tgt Ion: 114 Resp: 294640
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 40.8
 88 17.1 0.0 33.8





#35

Dibromofluoromethane

Concen: 0.771 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX012882.D

Acq: 08 Oct 2019 11:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

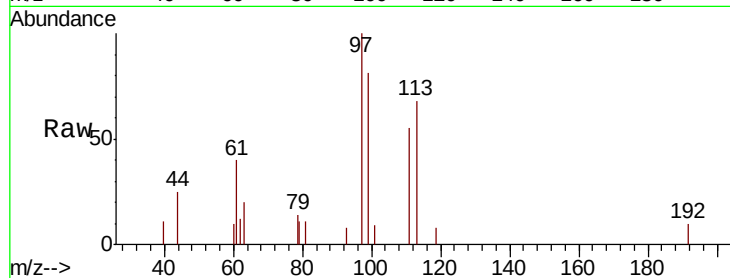
Tot Ion:113 Resp: 1361

Ion Ratio Lower Upper

113 100

111 102.3 83.2 124.8

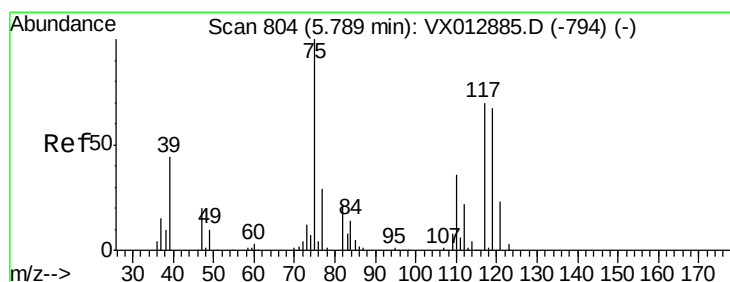
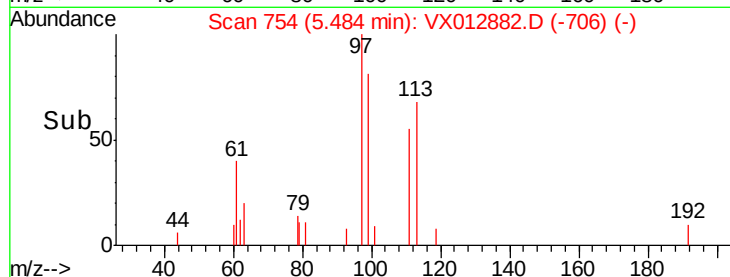
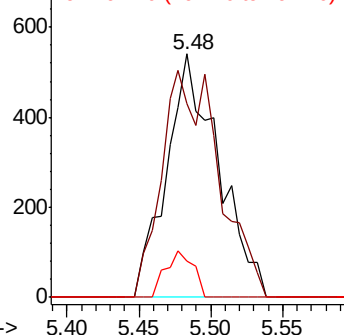
192 10.2 15.4 23.2#



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: 0.891 ug/l

RT: 5.79 min Scan# 804

Delta R.T. -0.00 min

Lab File: VX012882.D

Acq: 08 Oct 2019 11:04

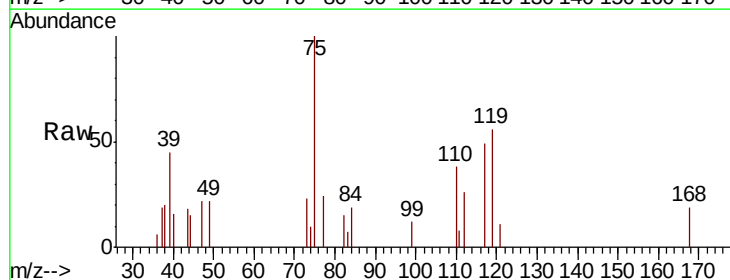
Tgt Ion: 75 Resp: 2545

Ion Ratio Lower Upper

75 100

110 38.1 17.6 52.9

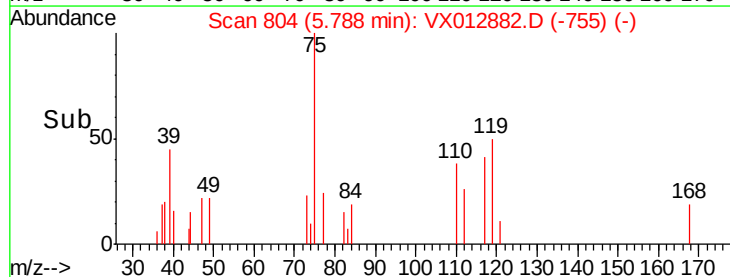
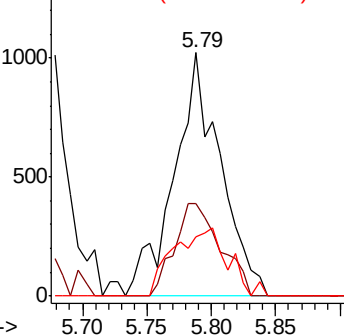
77 32.2 24.4 36.6

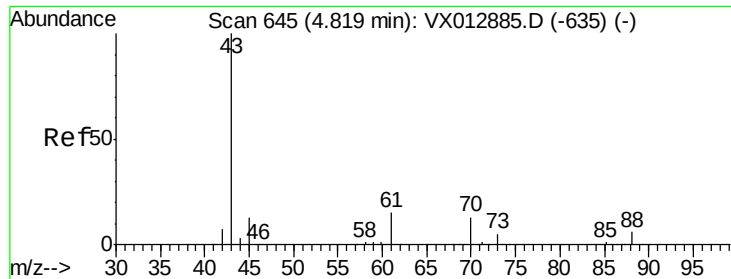


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

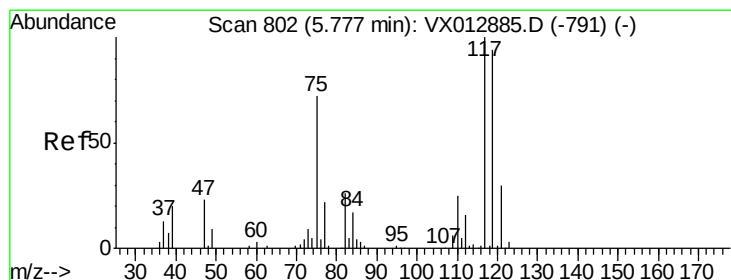
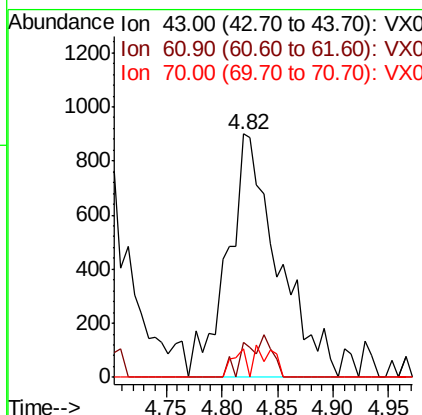
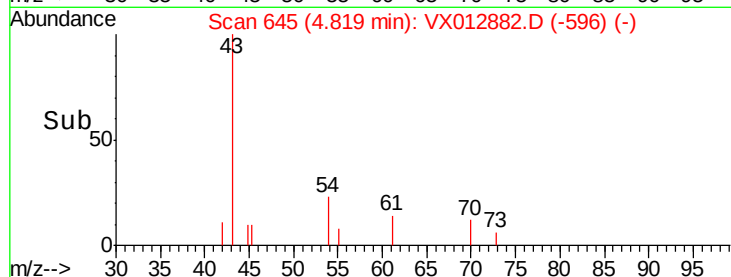
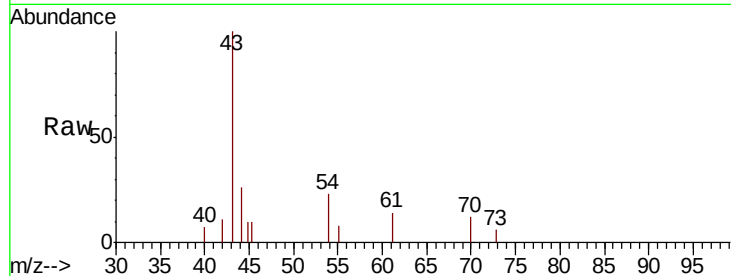




#37
Ethyl Acetate
Concen: 0.861 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX012882.D
Acq: 08 Oct 2019 11:04

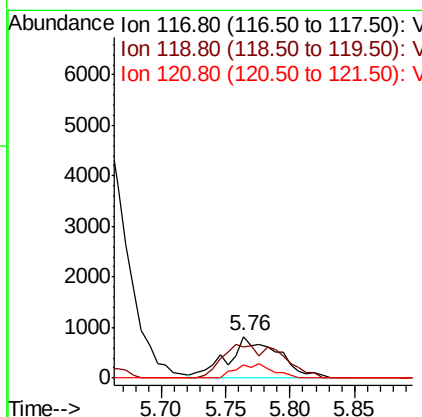
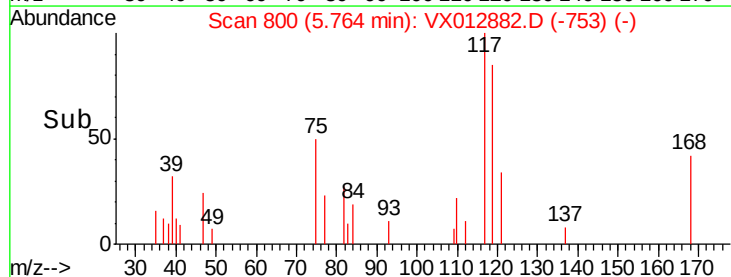
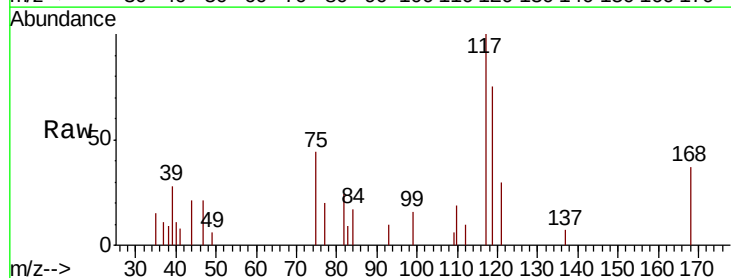
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

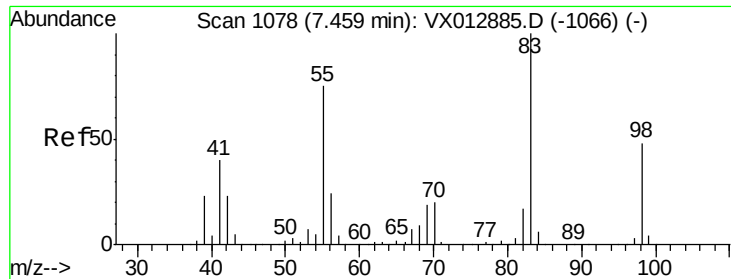
Tot Ion: 43 Resp: 2837
Ion Ratio Lower Upper
43 100
61 5.1 11.4 17.0#
70 3.2 9.8 14.6#



#38
Carbon Tetrachloride
Concen: 0.775 ug/l
RT: 5.76 min Scan# 800
Delta R.T. -0.01 min
Lab File: VX012882.D
Acq: 08 Oct 2019 11:04

Tgt Ion: 117 Resp: 2227
Ion Ratio Lower Upper
117 100
119 75.3 74.5 111.7
121 30.5 24.2 36.4

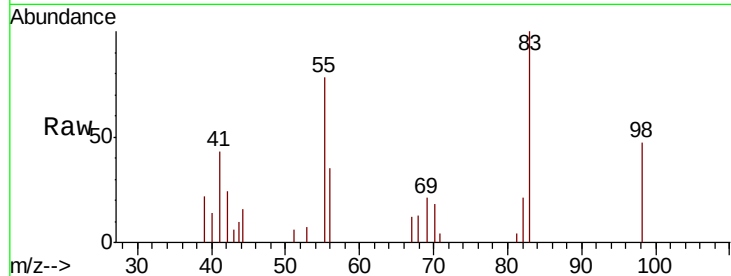




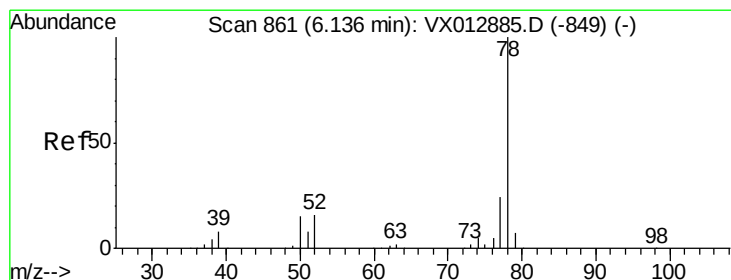
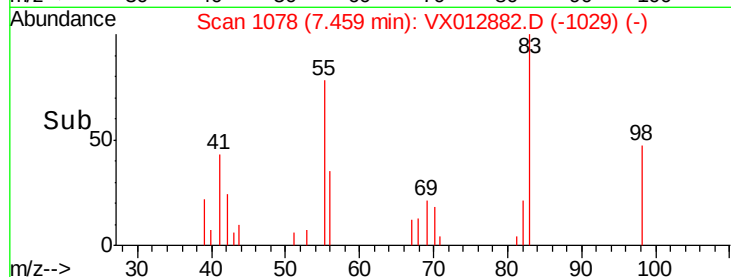
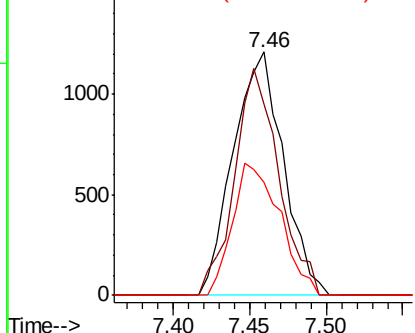
#39
Methylvlcyclohexane
Concen: 0.797 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. -0.00 min
Lab File: VX012882.D
Acq: 08 Oct 2019 11:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion: 83 Resp: 2750
Ion Ratio Lower Upper
83 100
55 78.3 60.2 90.4
98 46.7 38.5 57.7

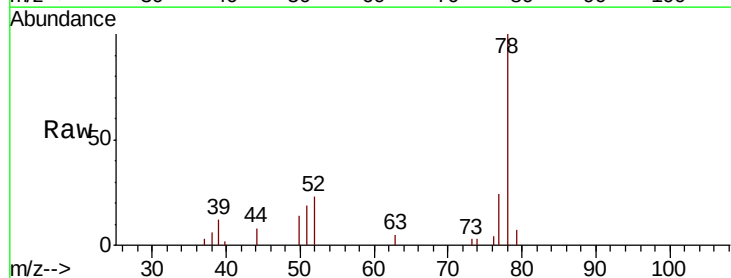


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

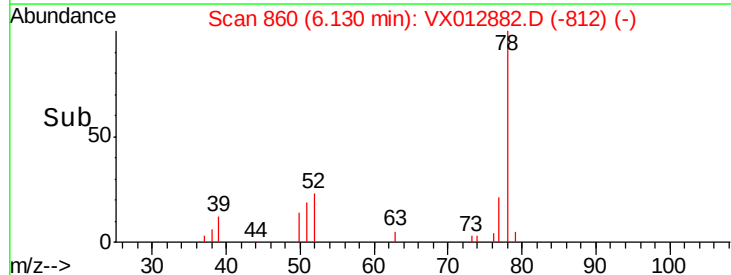
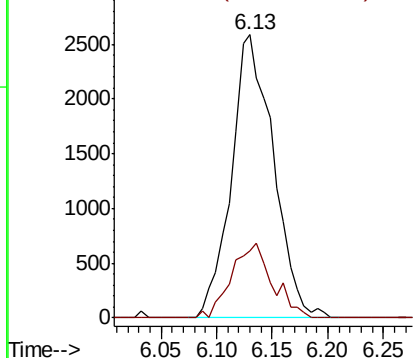


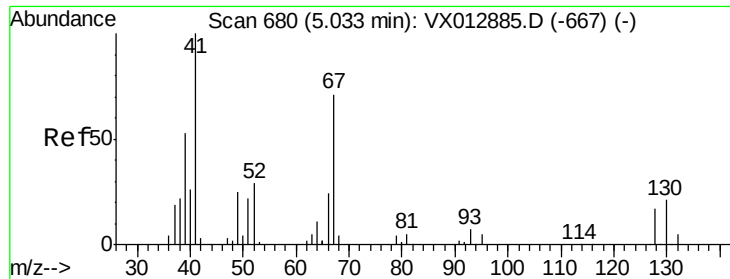
#40
Benzene
Concen: 0.807 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX012882.D
Acq: 08 Oct 2019 11:04

Tgt Ion: 78 Resp: 6762
Ion Ratio Lower Upper
78 100
77 23.5 19.0 28.4



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0





#41

Methacrylonitrile

Concen: 0.384 ug/l

RT: 5.03 min Scan# 680

Delta R.T. -0.00 min

Lab File: VX012882.D

Acq: 08 Oct 2019 11:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 41 Resp: 708

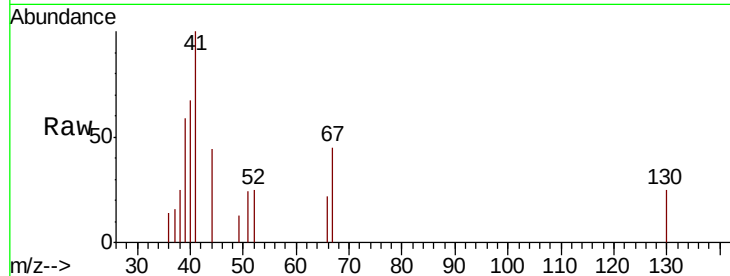
Ion Ratio Lower Upper

41 100

39 139.4 44.0 66.0#

67 130.1 58.5 87.7#

52 30.9 23.8 35.8

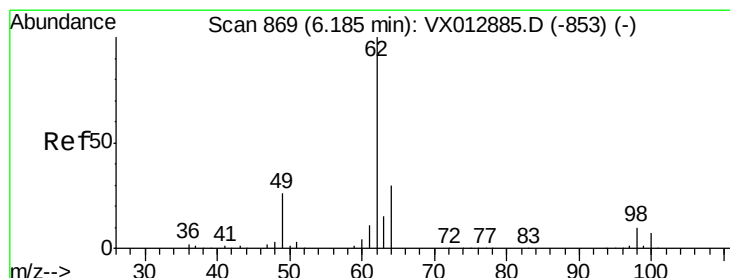
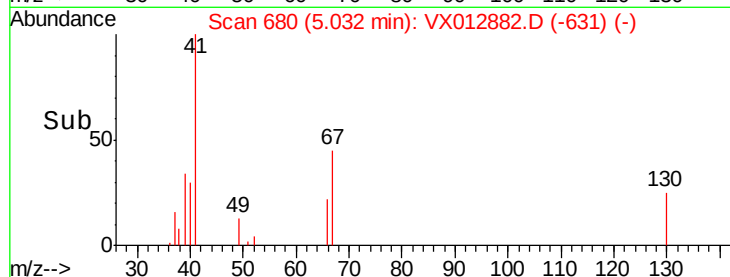
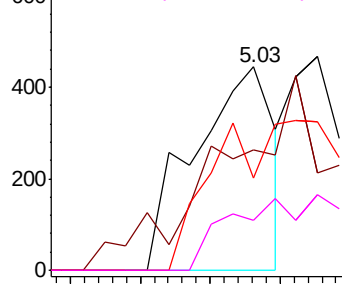


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 0.804 ug/l

RT: 6.18 min Scan# 868

Delta R.T. -0.01 min

Lab File: VX012882.D

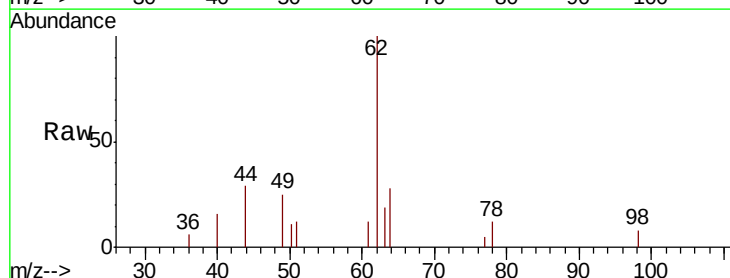
Acq: 08 Oct 2019 11:04

Tgt Ion: 62 Resp: 2536

Ion Ratio Lower Upper

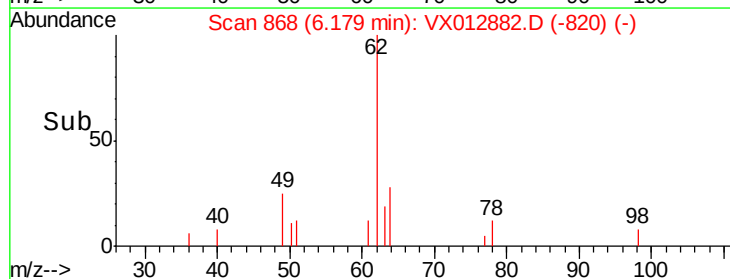
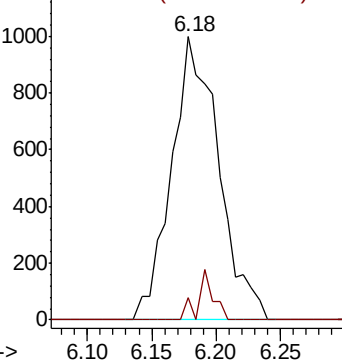
62 100

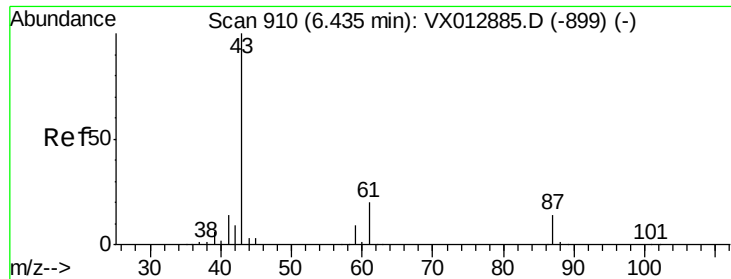
98 5.6 0.0 20.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 0.708 ug/l

RT: 6.44 min Scan# 911

Delta R.T. 0.01 min

Lab File: VX012882.D

Acq: 08 Oct 2019 11:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

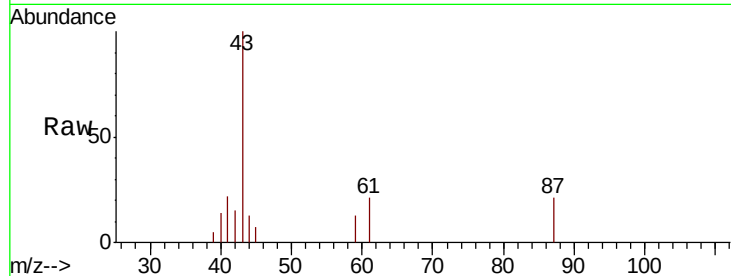
Tot Ion: 43 Resp: 3894

Ion Ratio Lower Upper

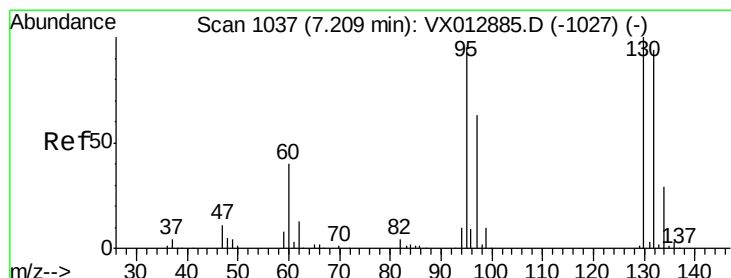
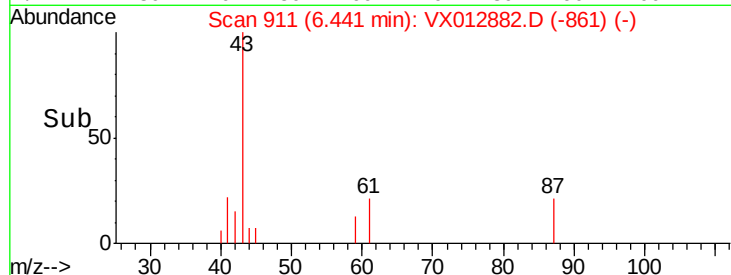
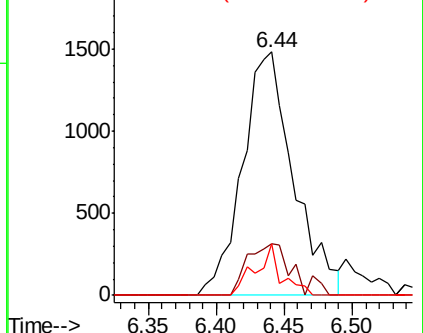
43 100

61 18.8 16.6 24.8

87 10.8 11.0 16.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 1.135 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VX012882.D

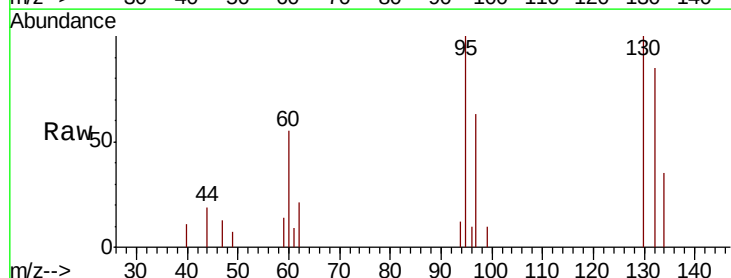
Acq: 08 Oct 2019 11:04

Tgt Ion: 130 Resp: 2447

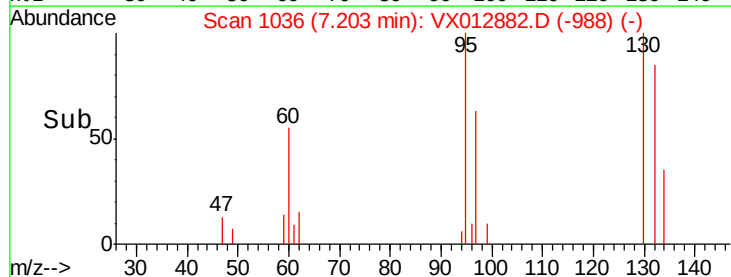
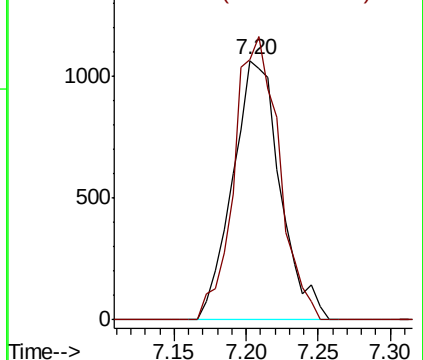
Ion Ratio Lower Upper

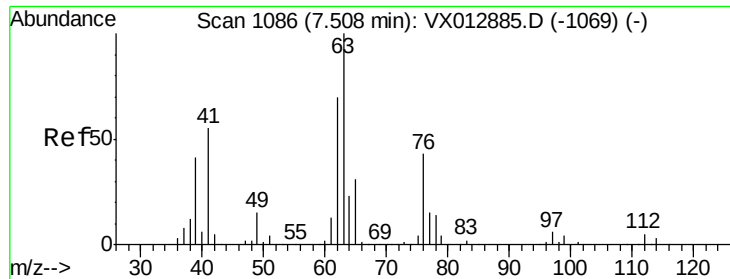
130 100

95 100.4 0.0 189.2



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VX0

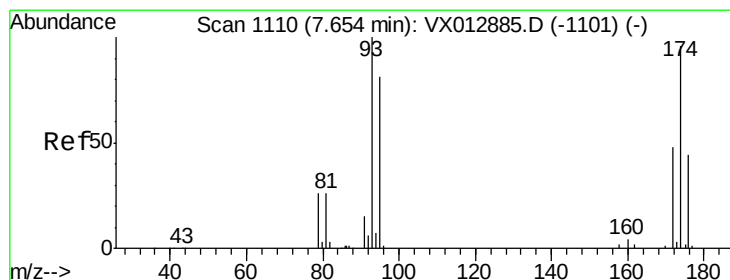
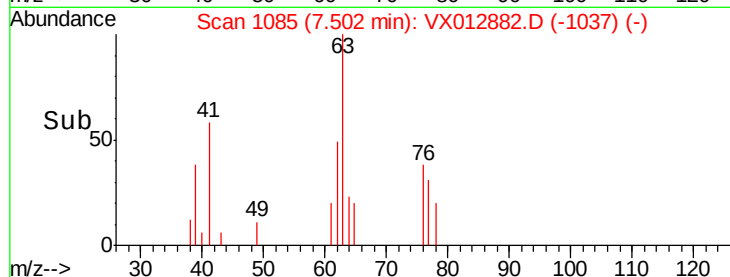
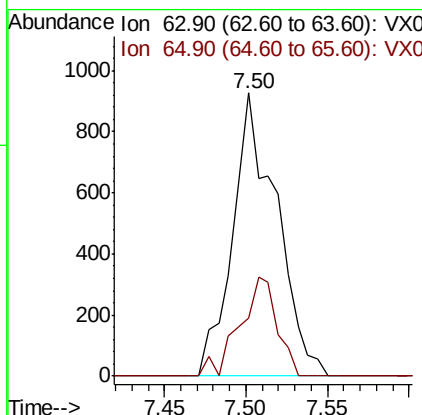
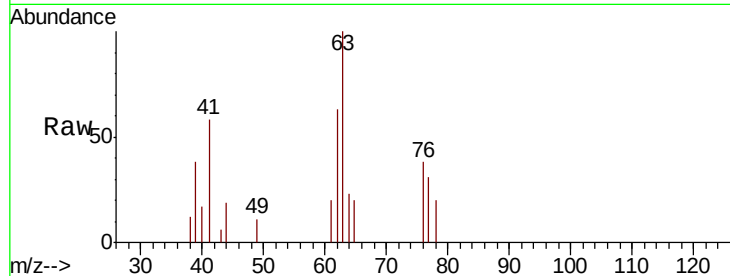




#45
 1,2-Dichloropropane
 Concen: 0.806 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX012882.D
 Acq: 08 Oct 2019 11:04

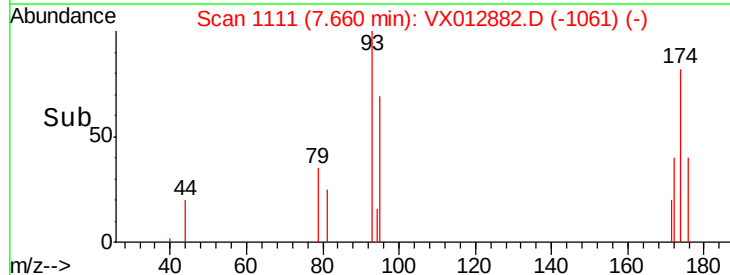
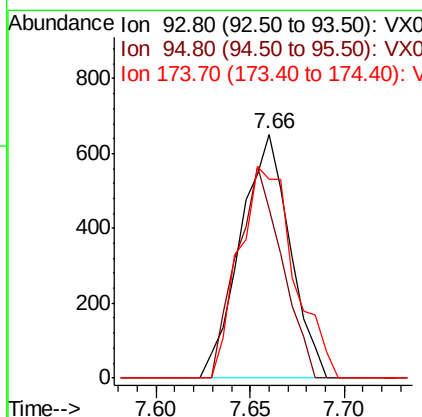
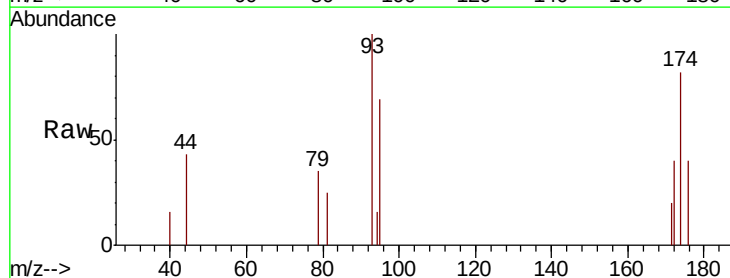
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

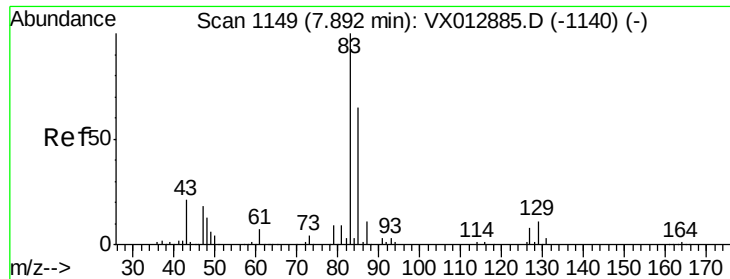
Tot Ion: 63 Resp: 1728
 Ion Ratio Lower Upper
 63 100
 65 20.3 24.6 37.0#



#46
 Dibromomethane
 Concen: 0.811 ug/l
 RT: 7.66 min Scan# 1111
 Delta R.T. 0.01 min
 Lab File: VX012882.D
 Acq: 08 Oct 2019 11:04

Tgt Ion: 93 Resp: 1183
 Ion Ratio Lower Upper
 93 100
 95 79.0 66.3 99.5
 174 96.4 77.8 116.6





#47

Bromodichloromethane

Concen: 0.748 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX012882.D

Acq: 08 Oct 2019 11:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

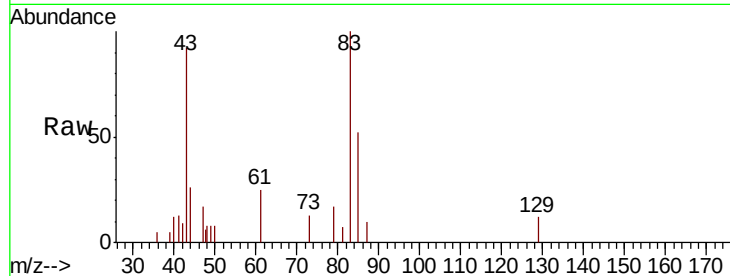
Tot Ion: 83 Resp: 2168

Ion Ratio Lower Upper

83 100

85 52.5 52.4 78.6

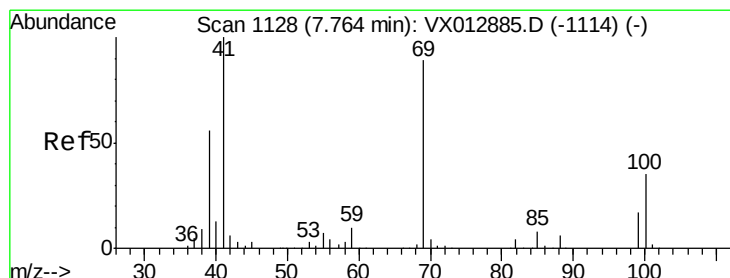
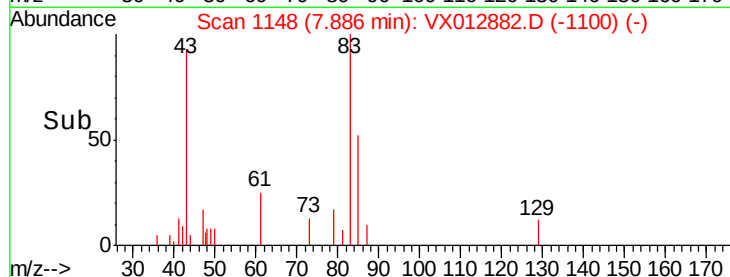
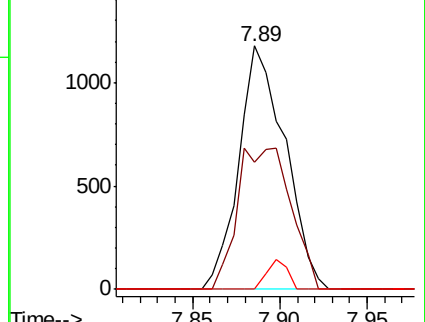
127 0.0 6.6 10.0#



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): VX0



#48

Methyl methacrylate

Concen: 0.714 ug/l

RT: 7.78 min Scan# 1130

Delta R.T. 0.01 min

Lab File: VX012882.D

Acq: 08 Oct 2019 11:04

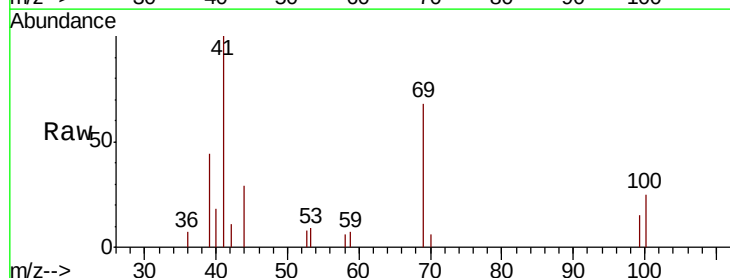
Tgt Ion: 41 Resp: 1880

Ion Ratio Lower Upper

41 100

69 78.2 68.7 103.1

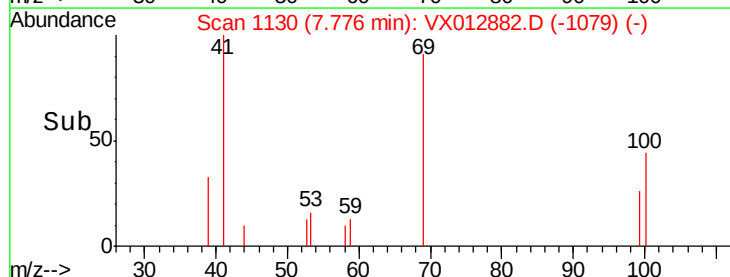
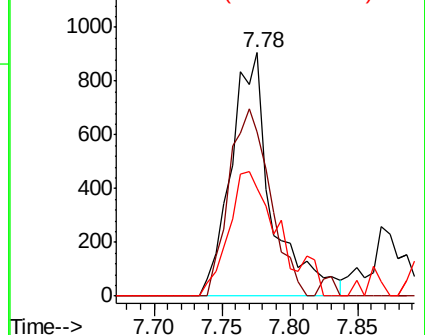
39 57.9 44.3 66.5

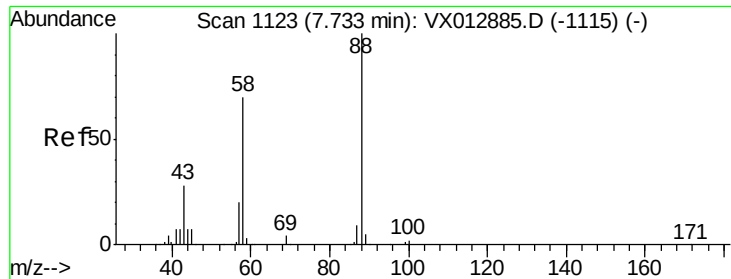


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 12.470 ug/l

RT: 7.74 min Scan# 1124

Delta R.T. 0.01 min

Lab File: VX012882.D

Acq: 08 Oct 2019 11:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

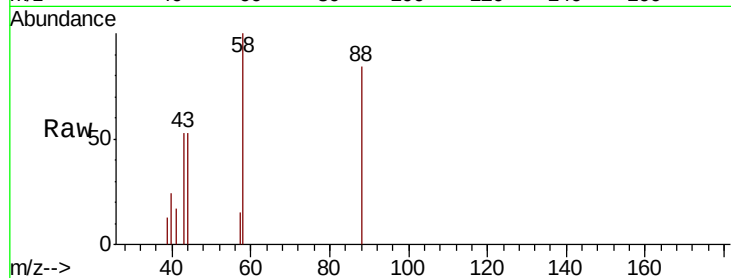
Tot Ion: 88 Resp: 755

Ion Ratio Lower Upper

88 100

43 31.8 25.0 37.6

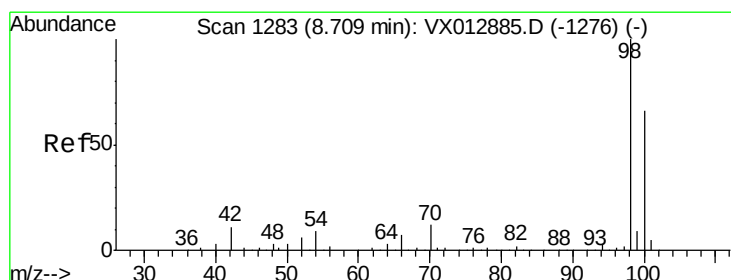
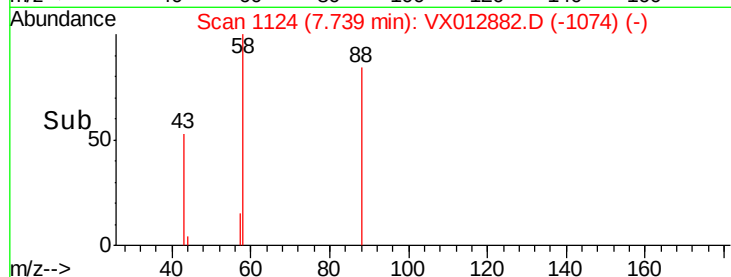
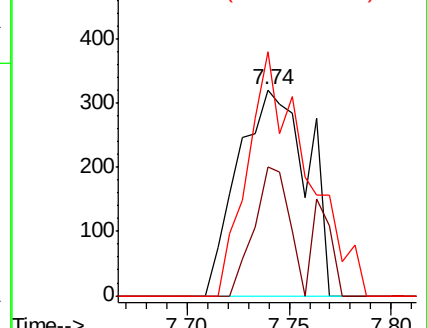
58 101.5 55.4 83.2#



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: 0.762 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX012882.D

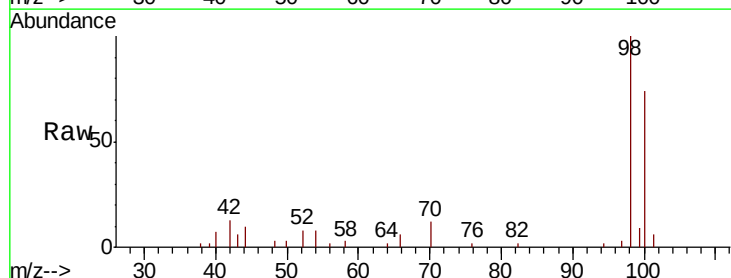
Acq: 08 Oct 2019 11:04

Tgt Ion: 98 Resp: 5196

Ion Ratio Lower Upper

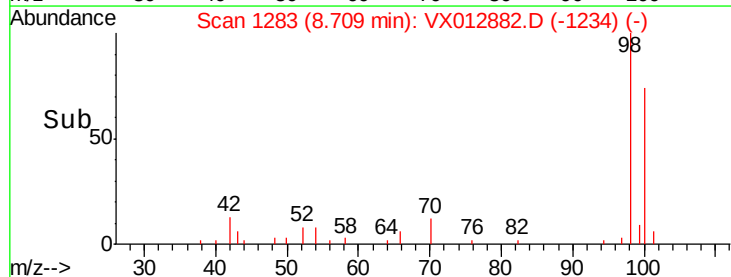
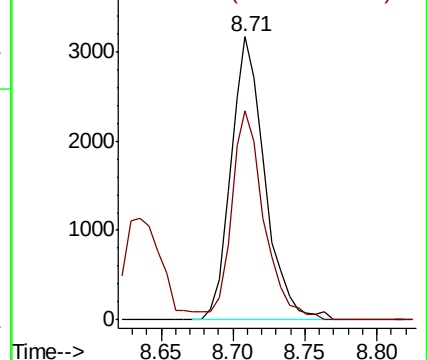
98 100

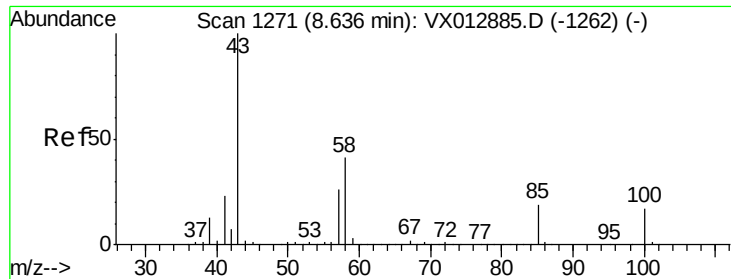
100 71.0 53.4 80.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 3.393 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX012882.D

Acq: 08 Oct 2019 11:04

Instrument :

MSVOA_X

ClientSampleId :

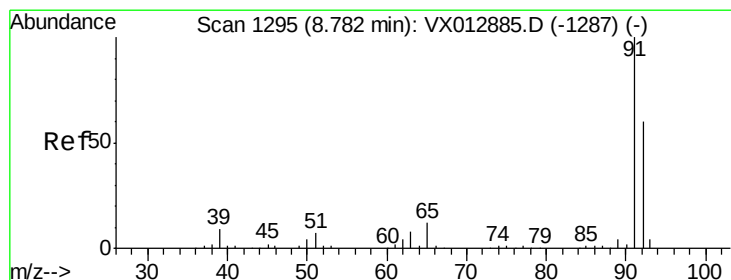
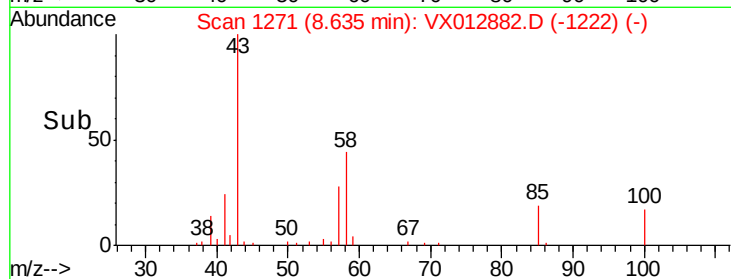
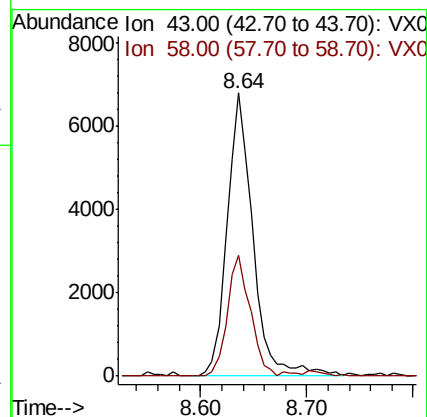
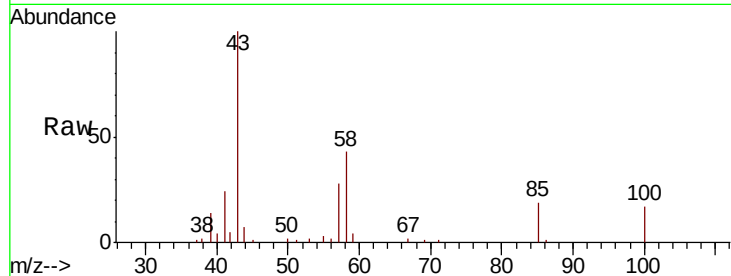
VSTDIC001

Tot Ion: 43 Resp: 11522

Ion Ratio Lower Upper

43 100

58 37.8 32.4 48.6



#52

Toluene

Concen: 0.855 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. -0.00 min

Lab File: VX012882.D

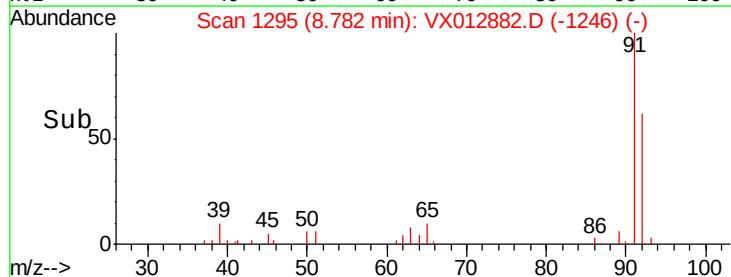
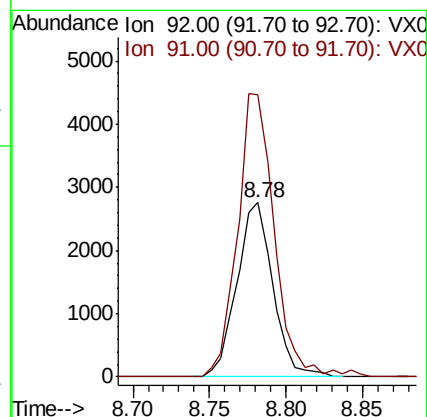
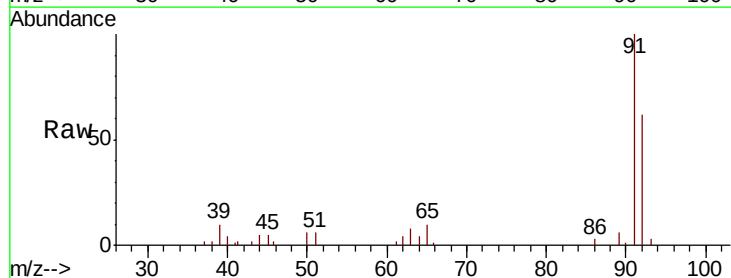
Acq: 08 Oct 2019 11:04

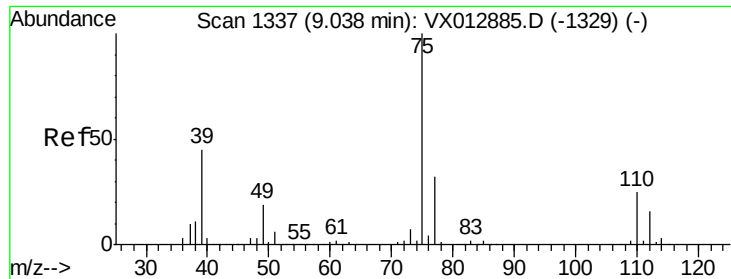
Tgt Ion: 92 Resp: 4497

Ion Ratio Lower Upper

92 100

91 166.7 135.9 203.9

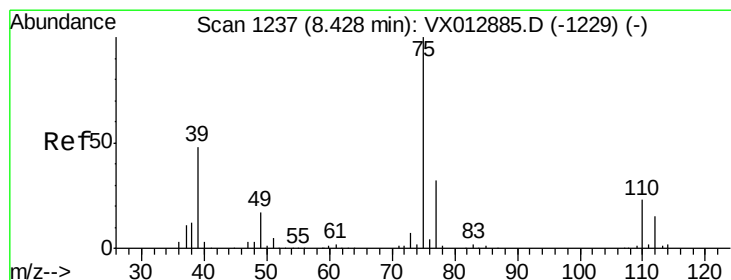
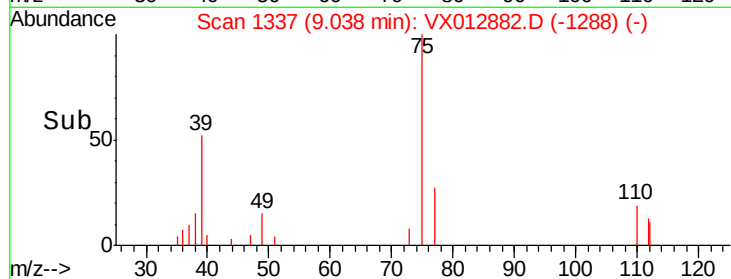
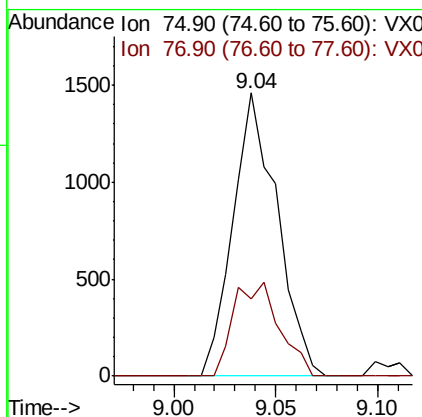
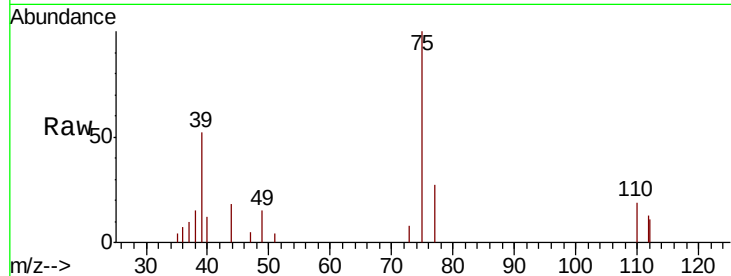




#53
t-1,3-Dichloropropene
Concen: 0.683 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. -0.00 min
Lab File: VX012882.D
Acq: 08 Oct 2019 11:04

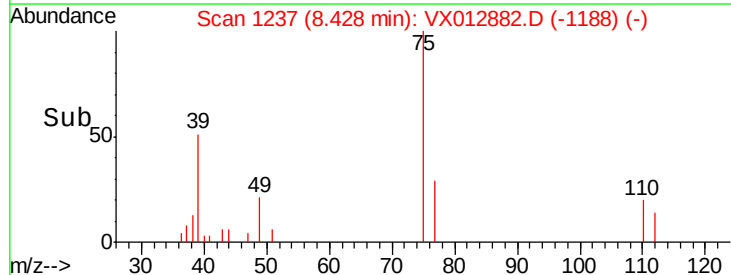
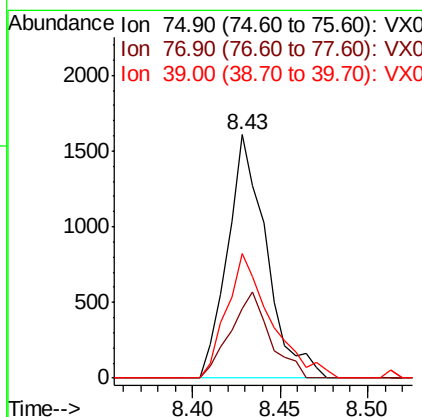
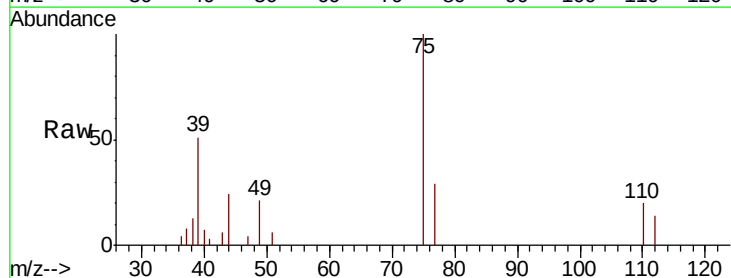
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

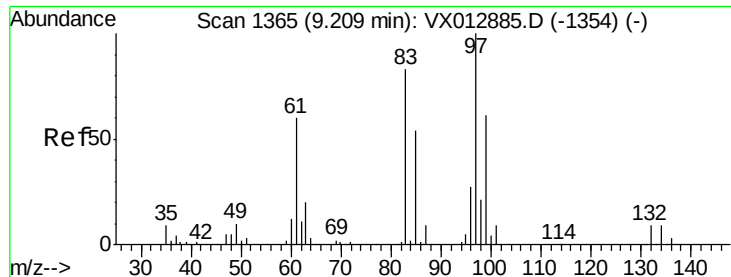
Tot Ion: 75 Resp: 2194
Ion Ratio Lower Upper
75 100
77 27.4 25.8 38.6



#54
cis-1,3-Dichloropropene
Concen: 0.710 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX012882.D
Acq: 08 Oct 2019 11:04

Tgt Ion: 75 Resp: 2492
Ion Ratio Lower Upper
75 100
77 28.7 25.8 38.8
39 51.3 38.2 57.2

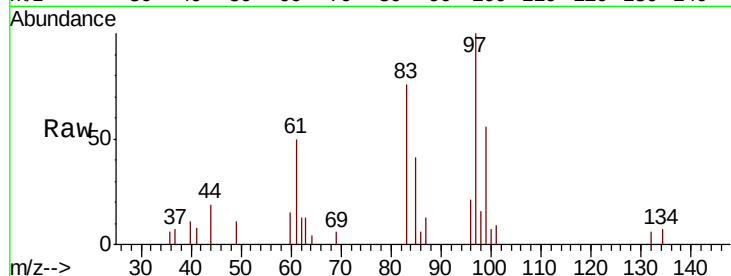




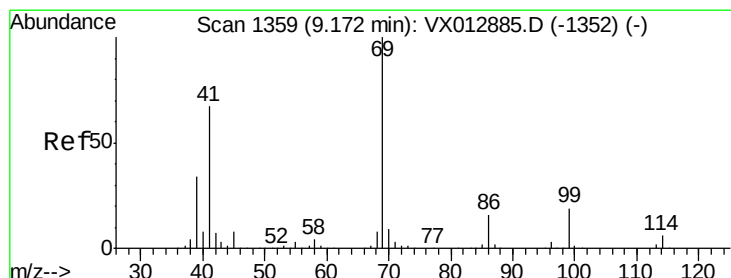
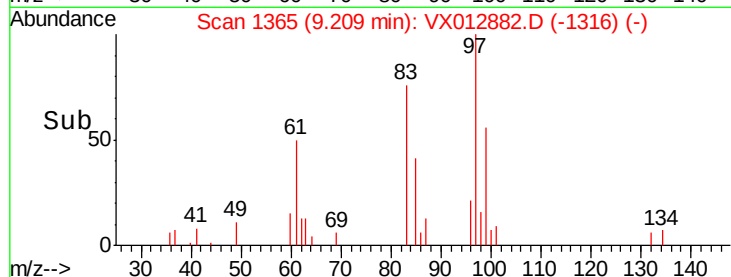
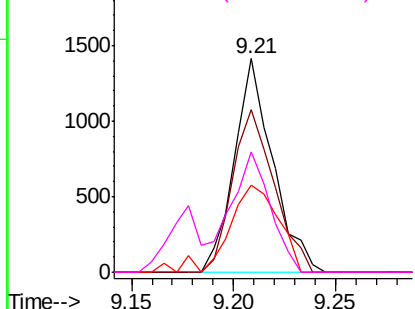
#55
 1,1,2-Trichloroethane
 Concen: 0.883 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX012882.D
 Acq: 08 Oct 2019 11:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion: 97 Resp: 1847
 Ion Ratio Lower Upper
 97 100
 83 76.0 66.5 99.7
 85 40.6 43.1 64.7#
 99 56.4 49.2 73.8

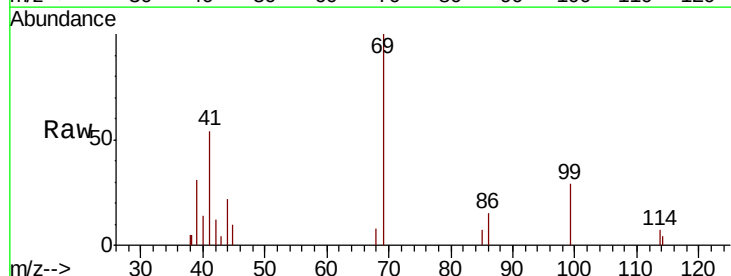


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

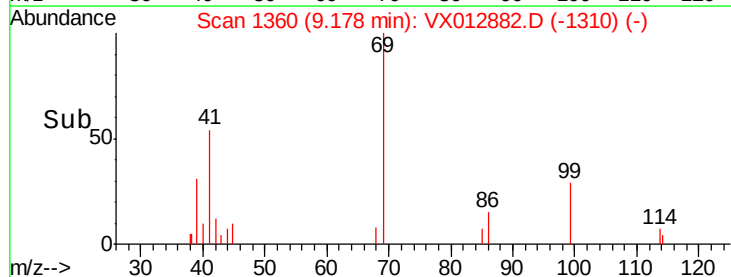
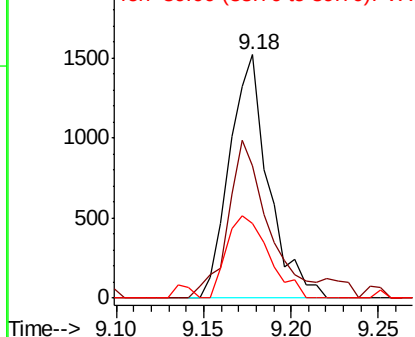


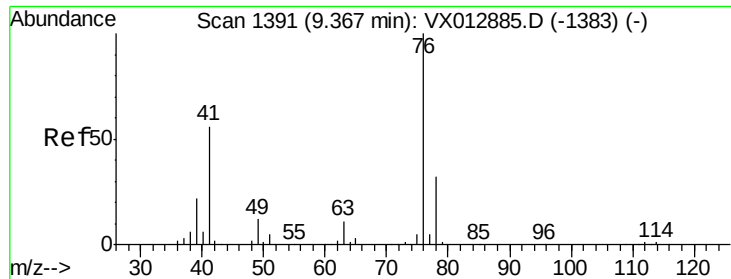
#56
 Ethyl methacrylate
 Concen: 0.673 ug/l
 RT: 9.18 min Scan# 1360
 Delta R.T. 0.01 min
 Lab File: VX012882.D
 Acq: 08 Oct 2019 11:04

Tgt Ion: 69 Resp: 2358
 Ion Ratio Lower Upper
 69 100
 41 67.1 52.1 78.1
 39 36.5 27.8 41.8



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

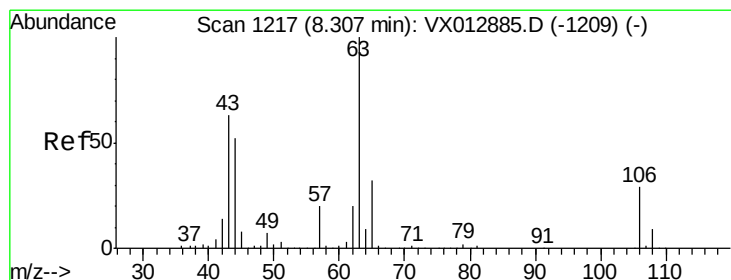
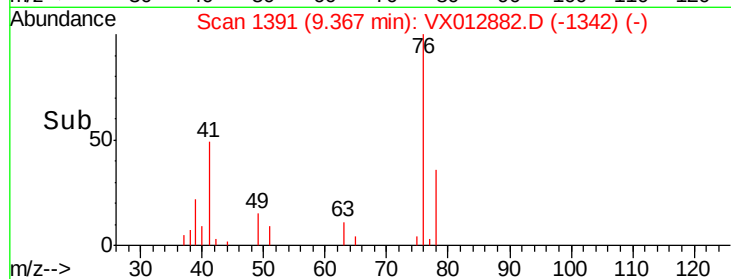
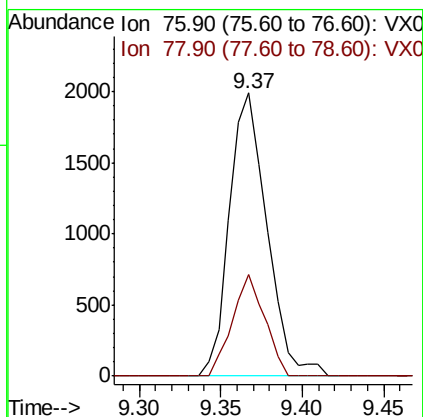
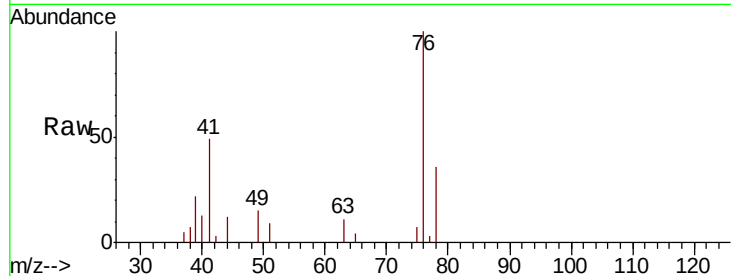




#57
 1,3-Dichloropropane
 Concen: 0.872 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: VX012882.D
 Acq: 08 Oct 2019 11:04

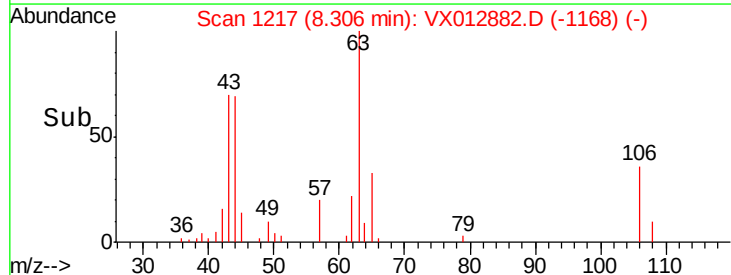
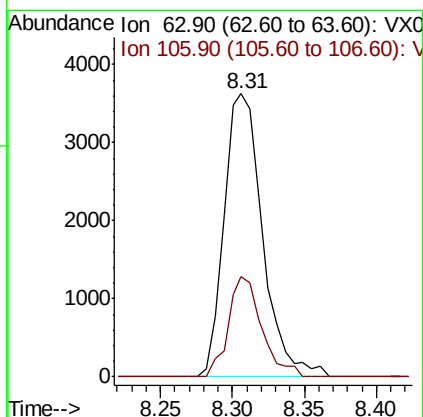
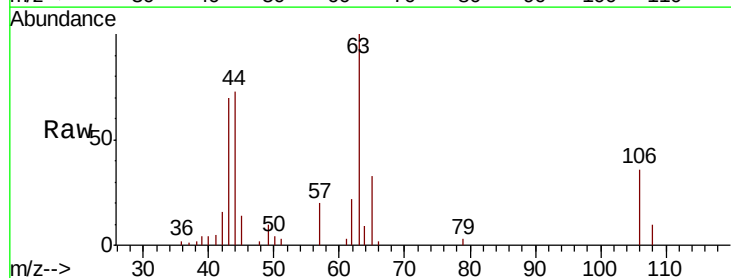
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

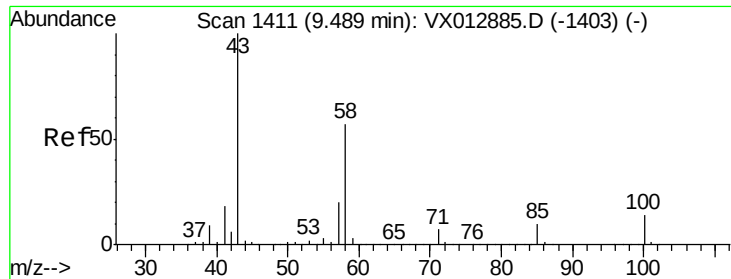
Tot Ion: 76 Resp: 3192
 Ion Ratio Lower Upper
 76 100
 78 30.8 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 4.340 ug/l
 RT: 8.31 min Scan# 1217
 Delta R.T. -0.00 min
 Lab File: VX012882.D
 Acq: 08 Oct 2019 11:04

Tgt Ion: 63 Resp: 6784
 Ion Ratio Lower Upper
 63 100
 106 30.7 23.8 35.8

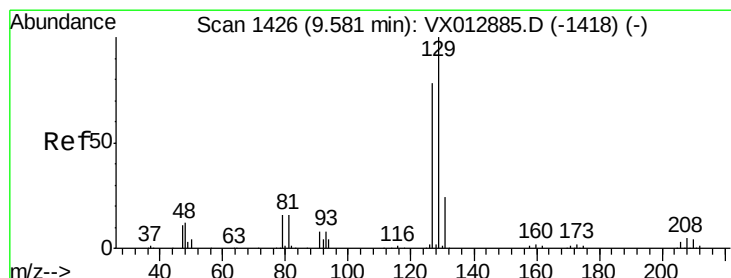
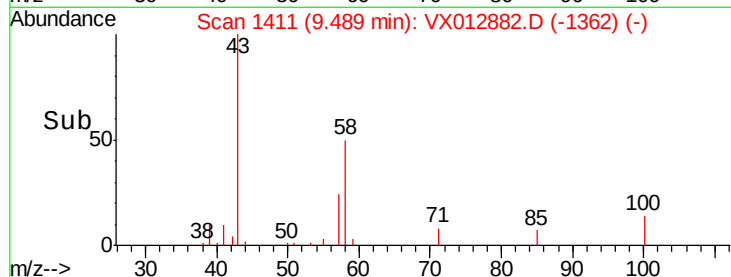
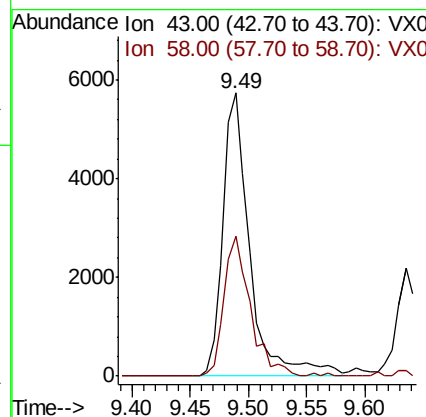
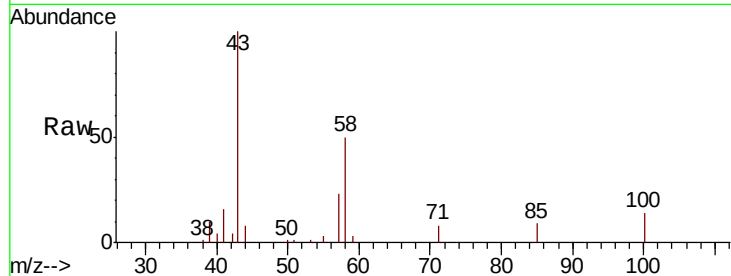




#59
2-Hexanone
Concen: 3.517 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. -0.00 min
Lab File: VX012882.D
Acq: 08 Oct 2019 11:04

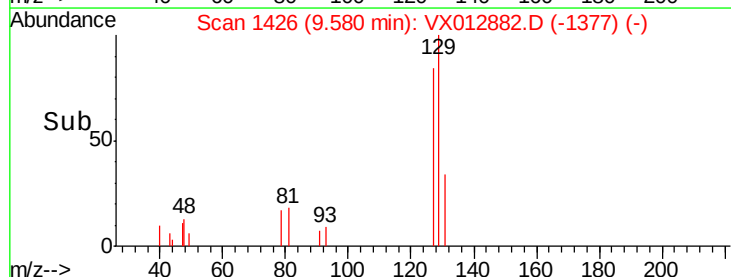
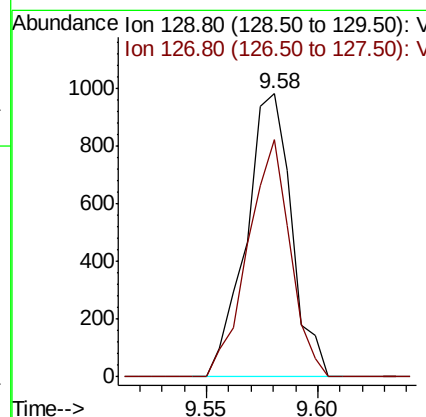
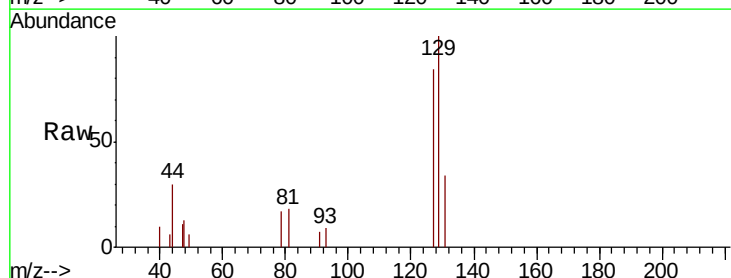
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

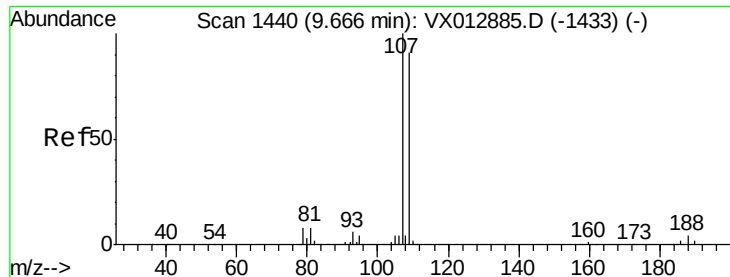
Tot Ion: 43 Resp: 9123
Ion Ratio Lower Upper
43 100
58 48.8 28.1 84.3



#60
Dibromochloromethane
Concen: 0.660 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. -0.00 min
Lab File: VX012882.D
Acq: 08 Oct 2019 11:04

Tgt Ion: 129 Resp: 1398
Ion Ratio Lower Upper
129 100
127 78.0 38.9 116.7





#61

1,2-Dibromoethane

Concen: 0.843 ug/l

RT: 9.67 min Scan# 1441

Delta R.T. 0.01 min

Lab File: VX012882.D

Acq: 08 Oct 2019 11:04

Instrument :

MSVOA_X

ClientSampleId :

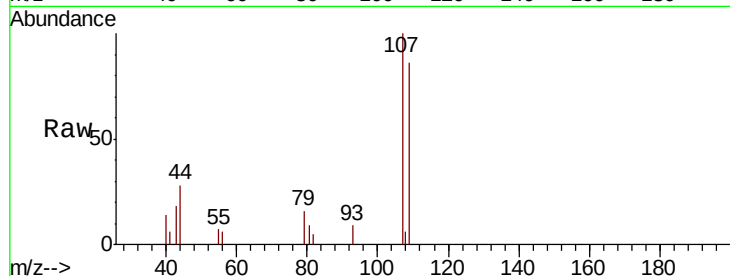
VSTDIC001

Tot Ion:107 Resp: 1835

Ion Ratio Lower Upper

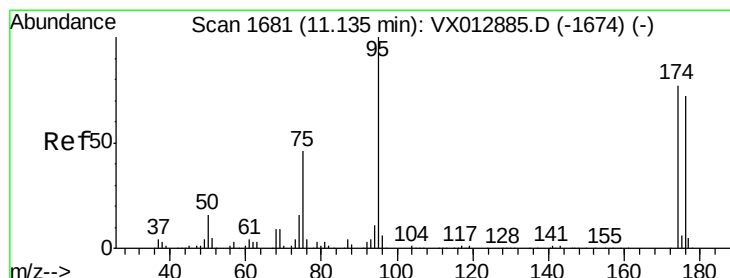
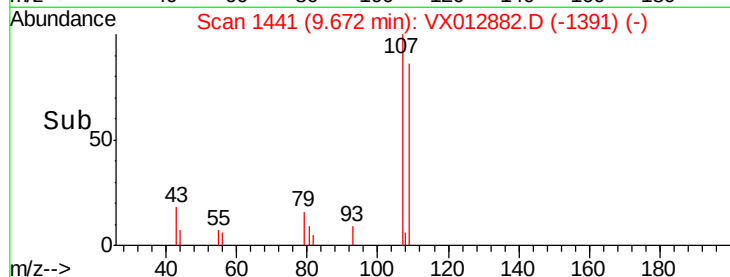
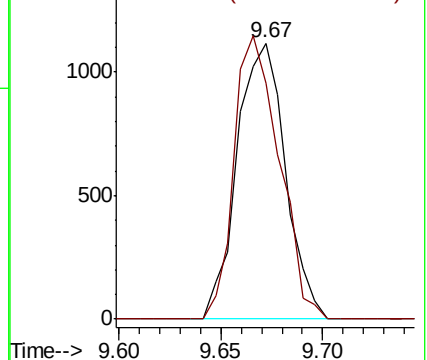
107 100

109 95.9 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 0.741 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX012882.D

Acq: 08 Oct 2019 11:04

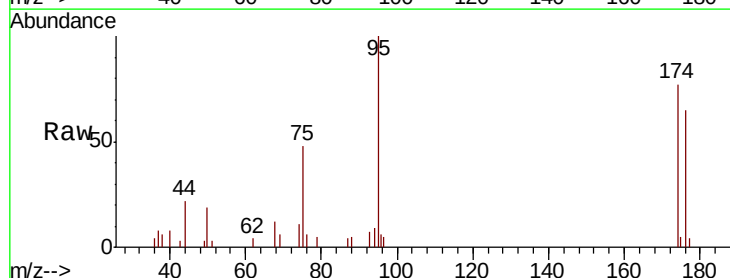
Tgt Ion: 95 Resp: 1986

Ion Ratio Lower Upper

95 100

174 79.7 0.0 143.4

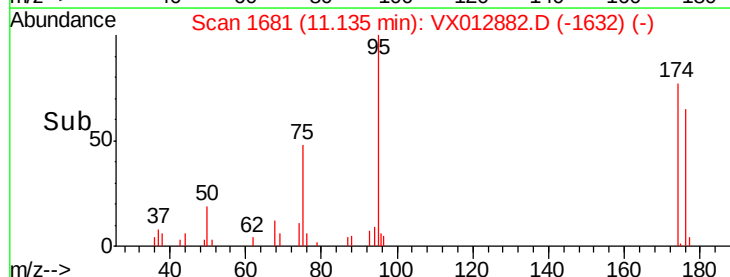
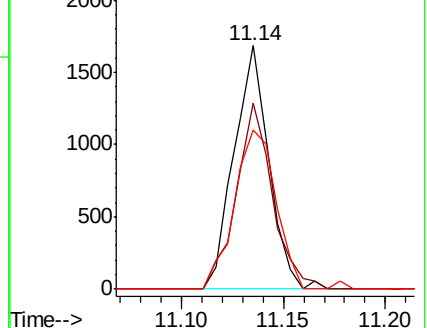
176 77.9 0.0 136.0

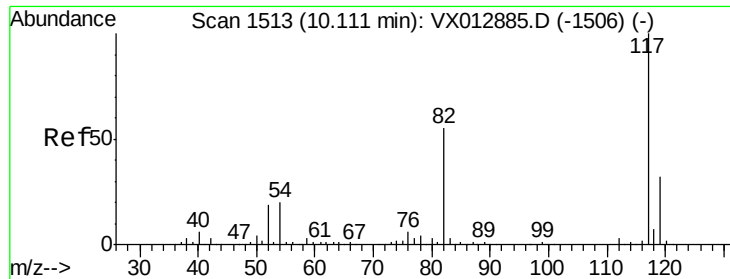


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

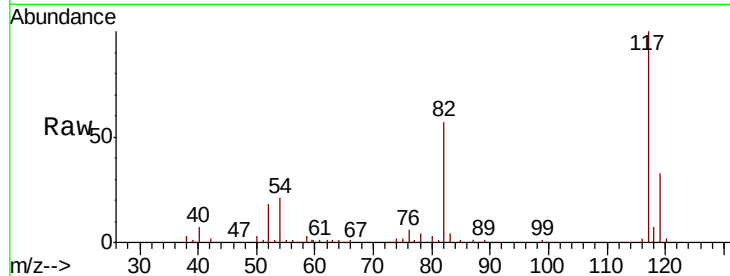




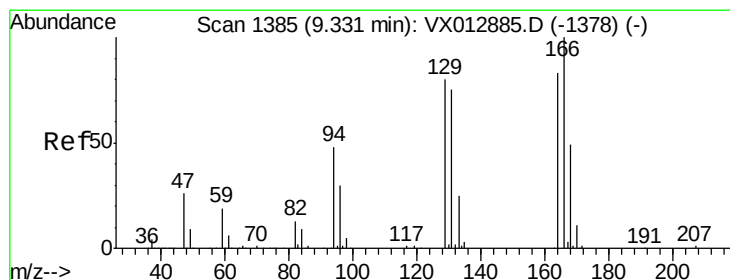
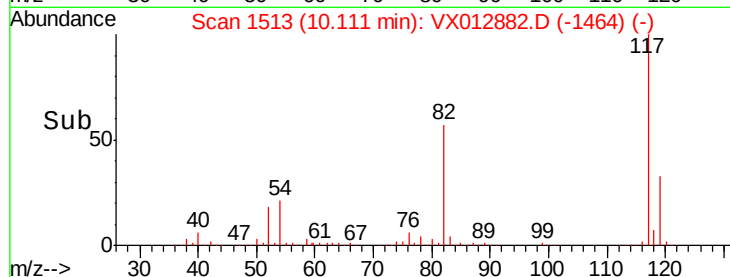
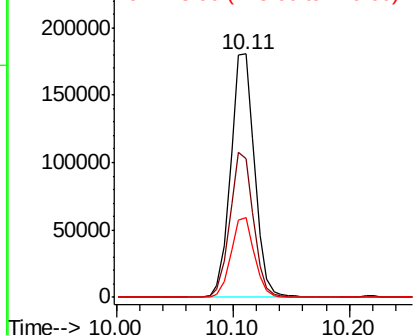
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012882.D
Acq: 08 Oct 2019 11:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion:117 Resp: 258038
Ion Ratio Lower Upper
117 100
82 56.8 44.1 66.1
119 32.8 25.8 38.8



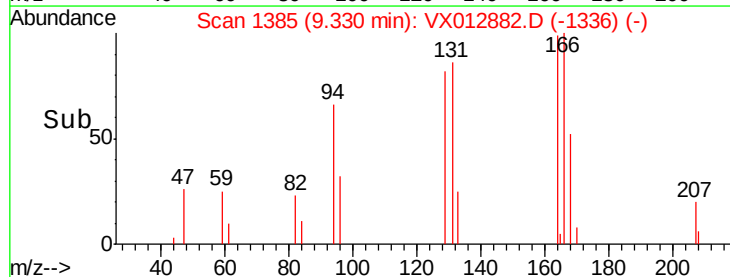
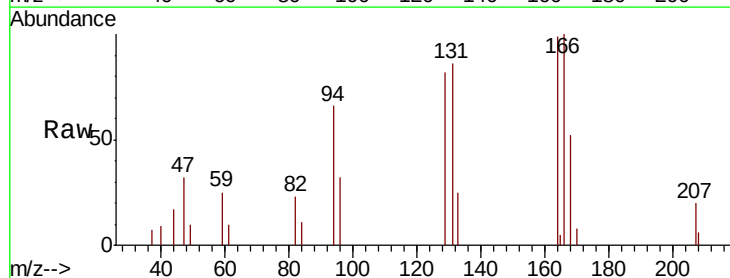
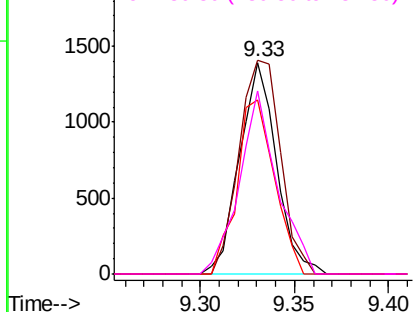
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

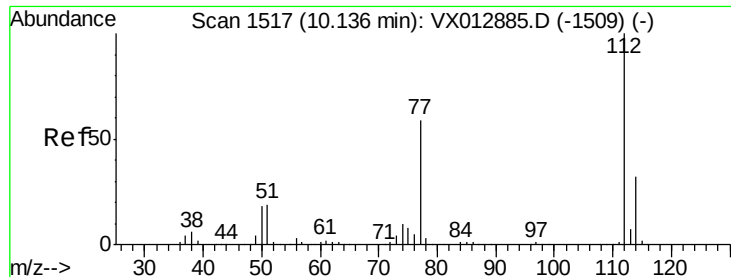


#64
Tetrachloroethene
Concen: 1.040 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX012882.D
Acq: 08 Oct 2019 11:04

Tgt Ion:164 Resp: 1897
Ion Ratio Lower Upper
164 100
166 101.1 96.9 145.3
129 82.4 77.9 116.9
131 86.5 72.7 109.1

Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

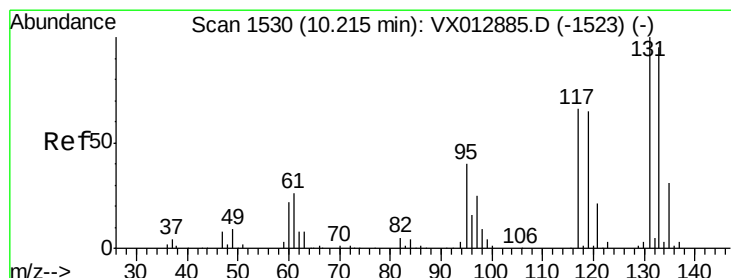
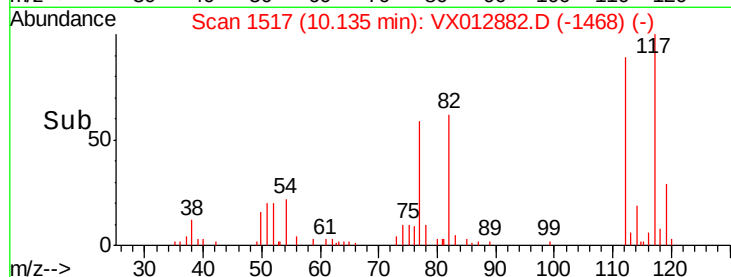
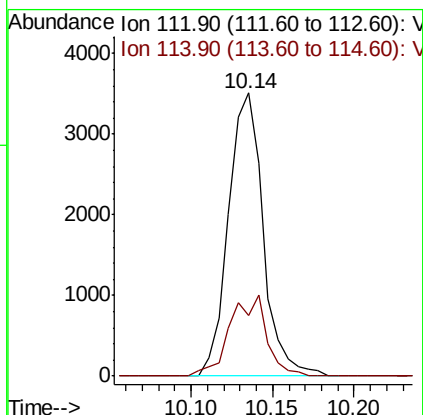
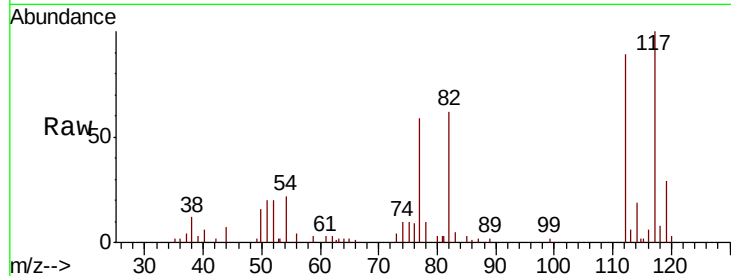




#65
Chlorobenzene
Concen: 0.954 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX012882.D
Acq: 08 Oct 2019 11:04

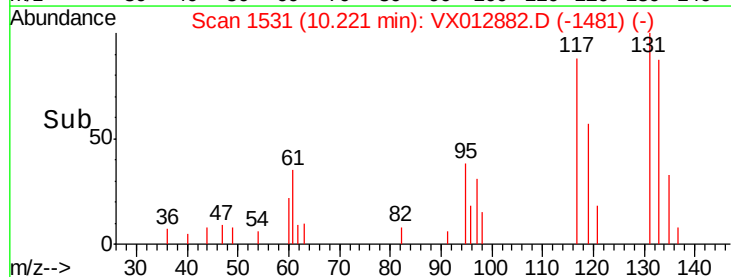
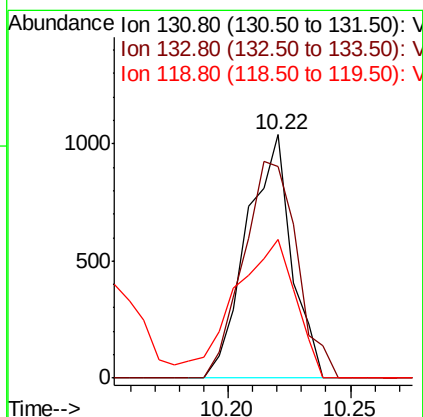
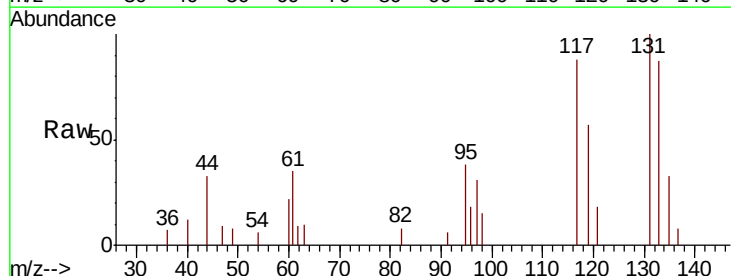
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

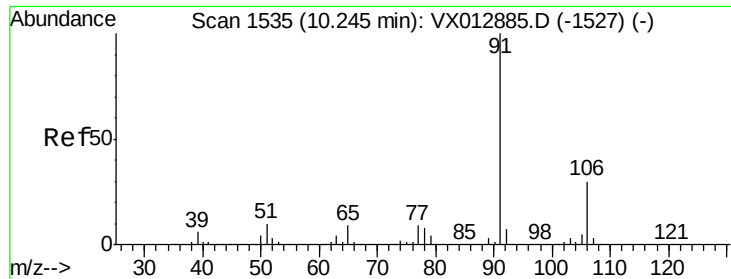
Tot Ion:112 Resp: 5196
Ion Ratio Lower Upper
112 100
114 21.2 25.7 38.5#



#66
1,1,1,2-Tetrachloroethane
Concen: 0.669 ug/l
RT: 10.22 min Scan# 1531
Delta R.T. 0.01 min
Lab File: VX012882.D
Acq: 08 Oct 2019 11:04

Tgt Ion:131 Resp: 1321
Ion Ratio Lower Upper
131 100
133 106.7 47.2 141.6
119 0.0 32.6 98.0#

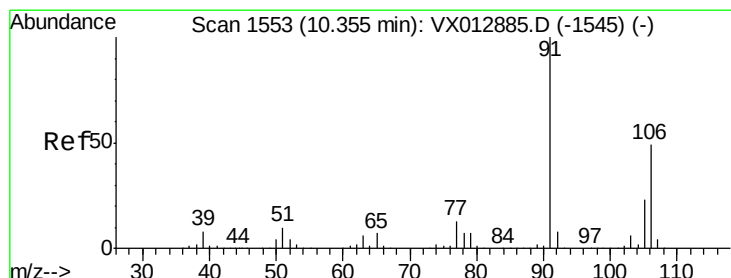
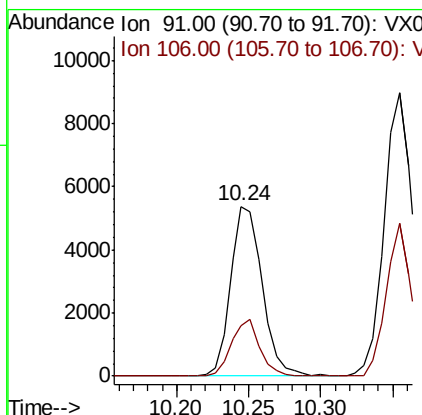
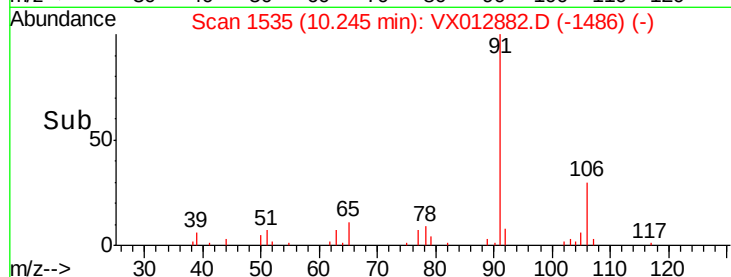
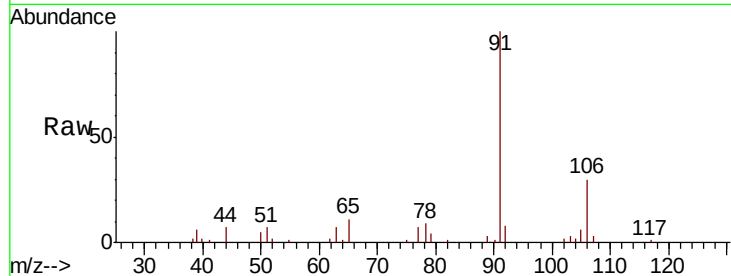




#67
Ethyl Benzene
Concen: 0.835 ug/l
RT: 10.24 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX012882.D
Acq: 08 Oct 2019 11:04

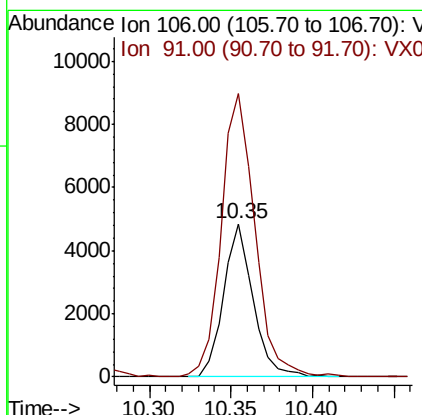
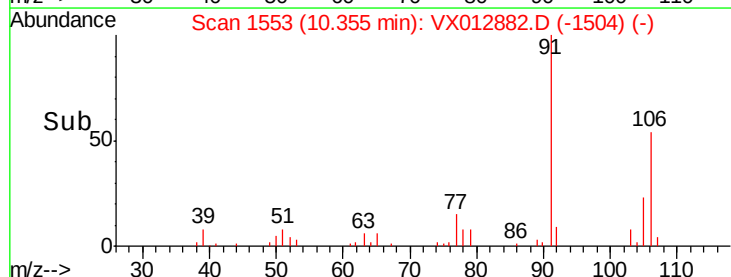
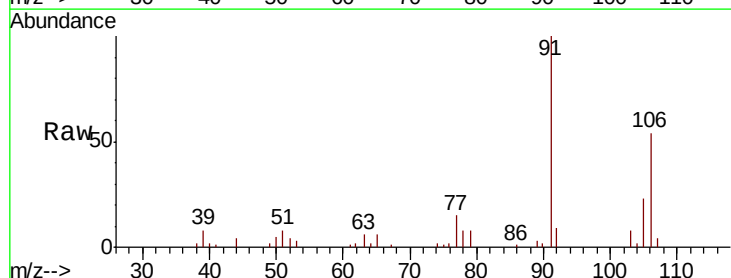
Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

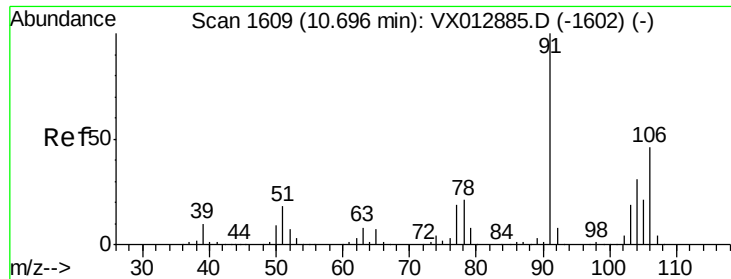
Tot Ion: 91 Resp: 8250
Ion Ratio Lower Upper
91 100
106 29.9 23.9 35.9



#68
m/p-Xylenes
Concen: 1.649 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX012882.D
Acq: 08 Oct 2019 11:04

Tgt Ion: 106 Resp: 6097
Ion Ratio Lower Upper
106 100
91 211.7 165.3 247.9

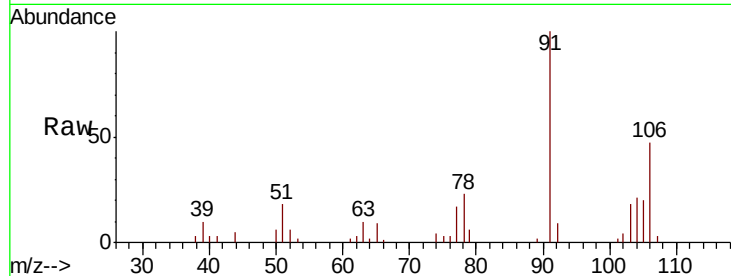




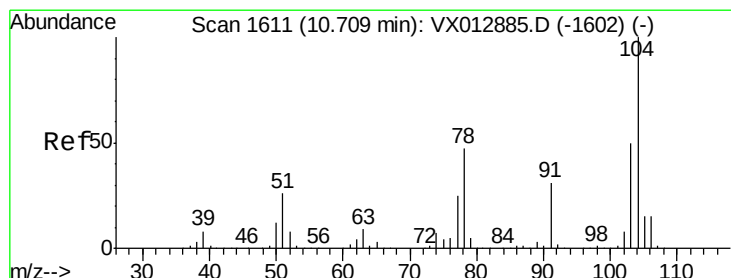
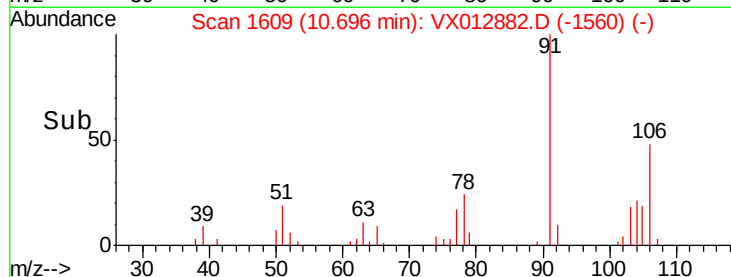
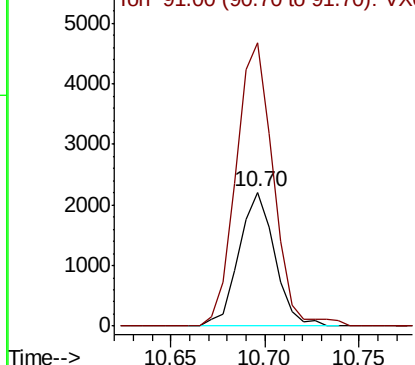
#69
o-Xylene
Concen: 0.815 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX012882.D
Acq: 08 Oct 2019 11:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion:106 Resp: 2920
Ion Ratio Lower Upper
106 100
91 219.4 109.1 327.3

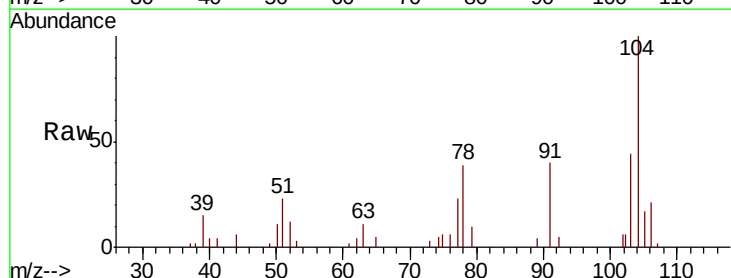


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

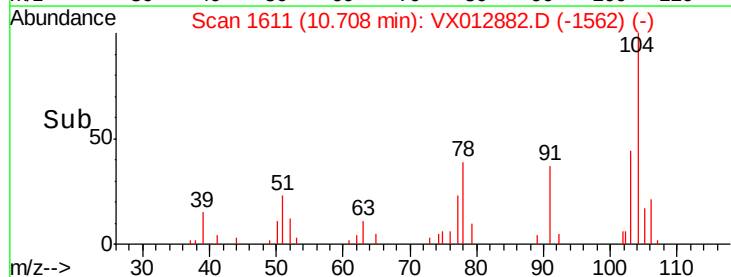
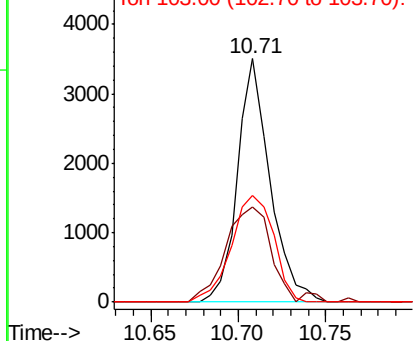


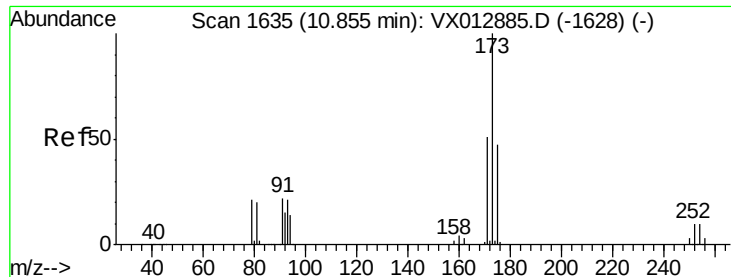
#70
Styrene
Concen: 0.755 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX012882.D
Acq: 08 Oct 2019 11:04

Tgt Ion:104 Resp: 4541
Ion Ratio Lower Upper
104 100
78 55.6 41.2 61.8
103 57.1 43.0 64.4



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V

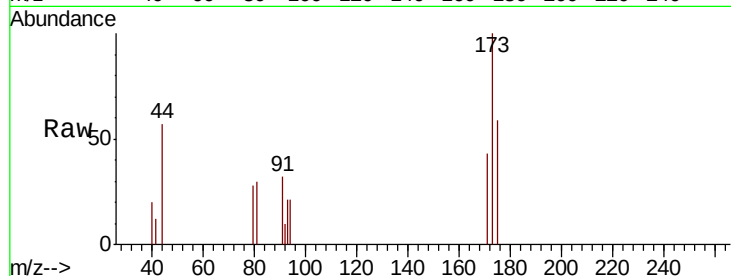




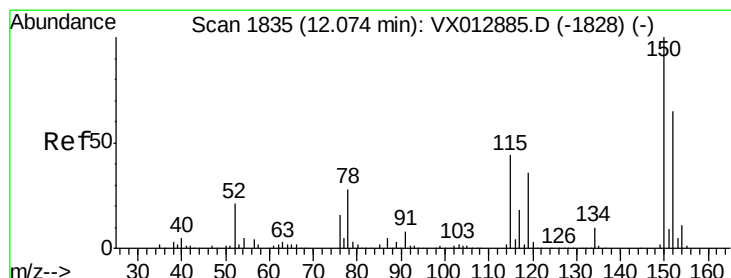
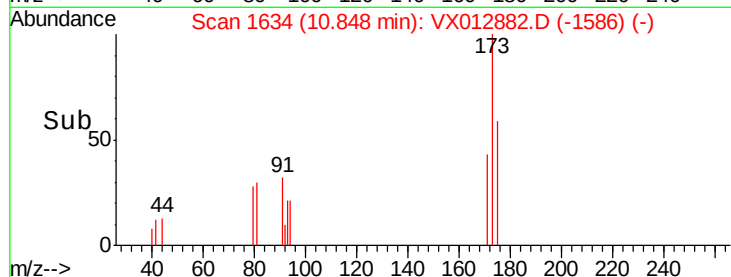
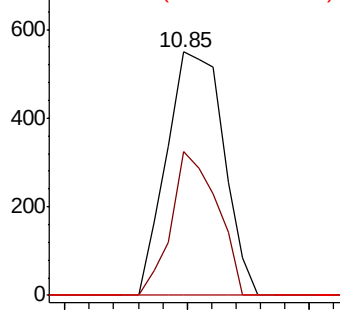
#71
Bromoform
Concen: 0.645 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. -0.01 min
Lab File: VX012882.D
Acq: 08 Oct 2019 11:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion:173 Resp: 892
Ion Ratio Lower Upper
173 100
175 47.6 24.1 72.3
254 0.0 0.1 0.1#

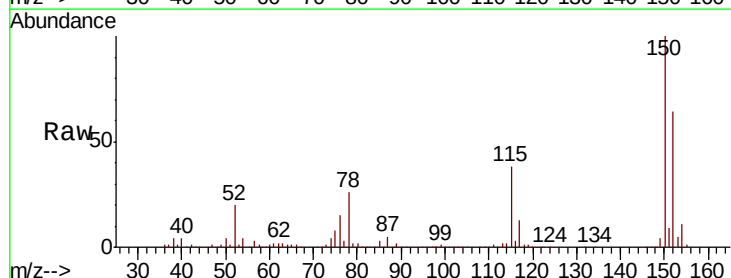


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

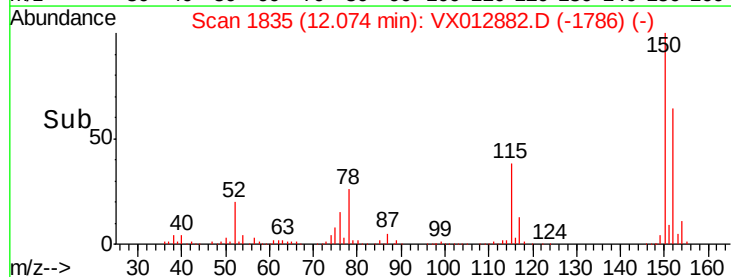
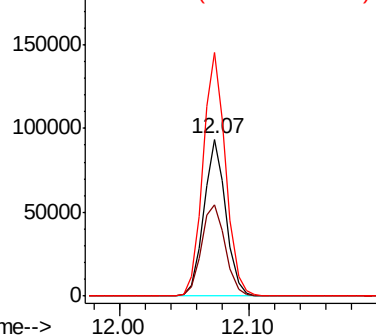


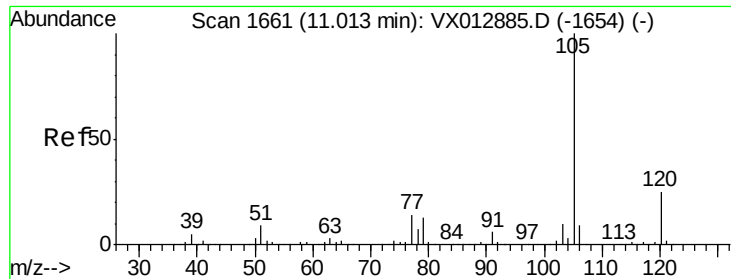
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX012882.D
Acq: 08 Oct 2019 11:04

Tgt Ion:152 Resp: 111263
Ion Ratio Lower Upper
152 100
115 63.5 44.5 133.5
150 160.2 0.0 353.4



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: 0.848 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX012882.D

Acq: 08 Oct 2019 11:04

Instrument :

MSVOA_X

ClientSampleId :

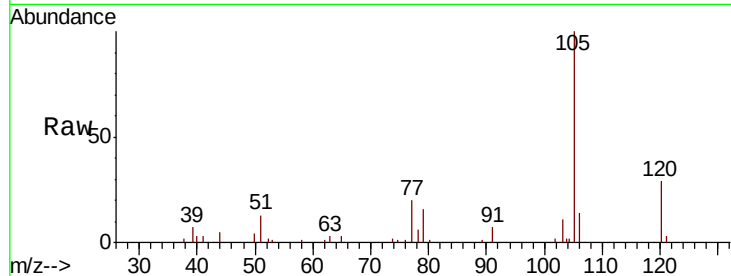
VSTDIC001

Tot Ion:105 Resp: 7693

Ion Ratio Lower Upper

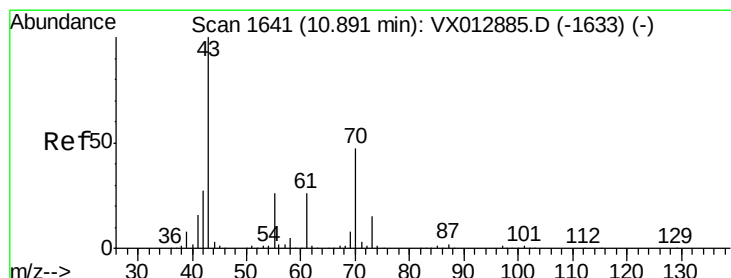
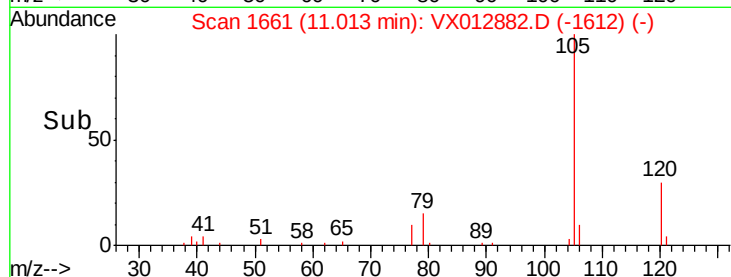
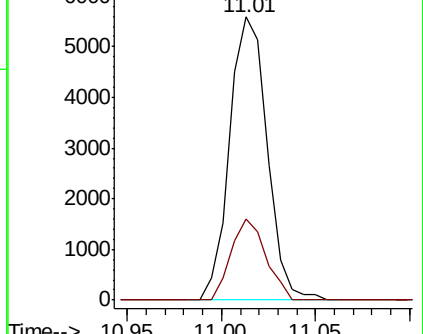
105 100

120 26.6 13.0 39.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 0.627 ug/l

RT: 10.90 min Scan# 1642

Delta R.T. 0.01 min

Lab File: VX012882.D

Acq: 08 Oct 2019 11:04

Tgt Ion: 43 Resp: 2667

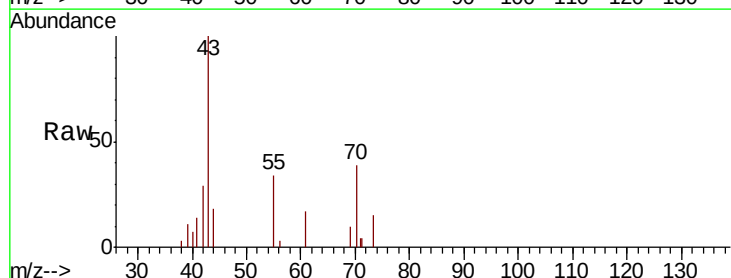
Ion Ratio Lower Upper

43 100

70 44.1 36.4 54.6

55 29.1 20.2 30.2

61 23.4 20.5 30.7

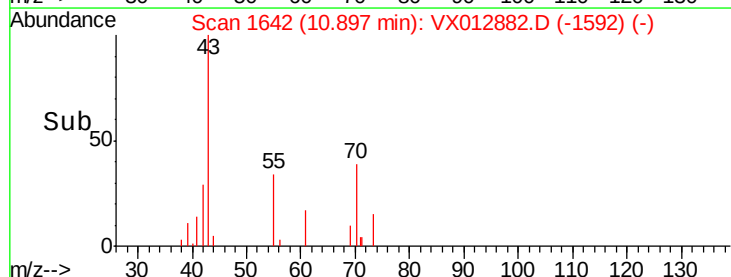
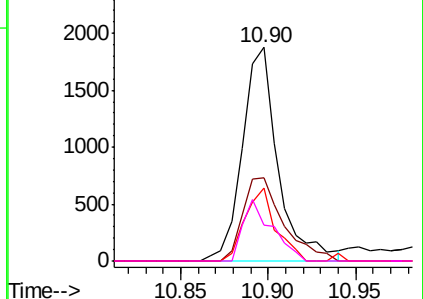


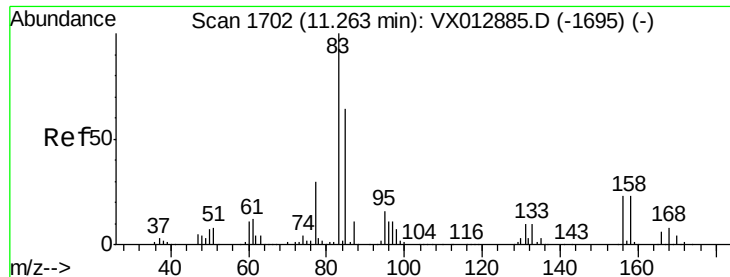
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 0.891 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX012882.D

Acq: 08 Oct 2019 11:04

Instrument :

MSVOA_X

ClientSampled :

VSTDIC001

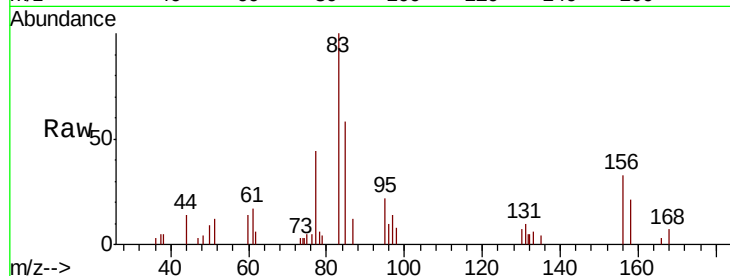
Tot Ion: 83 Resp: 2660

Ion Ratio Lower Upper

83 100

131 9.4 5.1 15.3

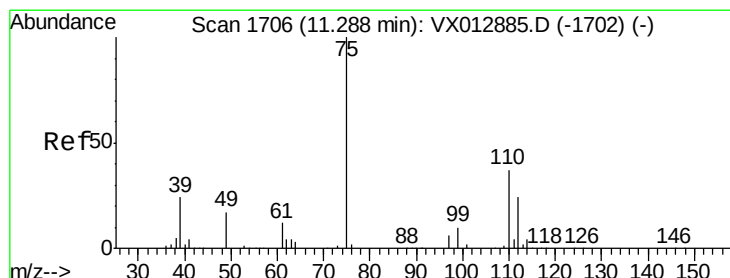
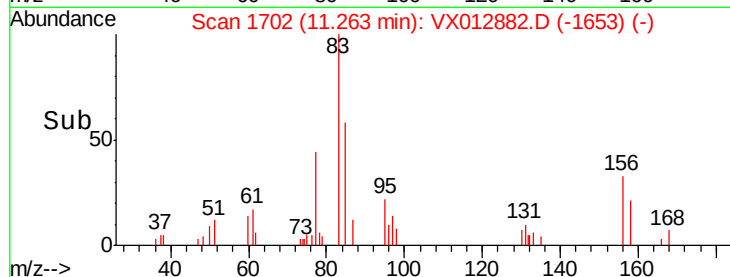
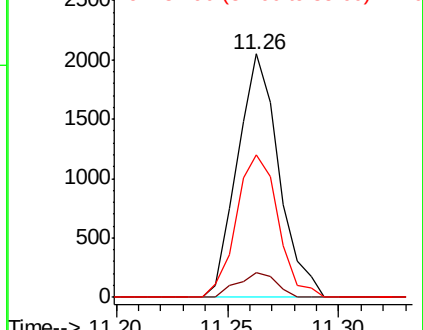
85 59.1 32.1 96.5



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: 1.015 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. 0.01 min

Lab File: VX012882.D

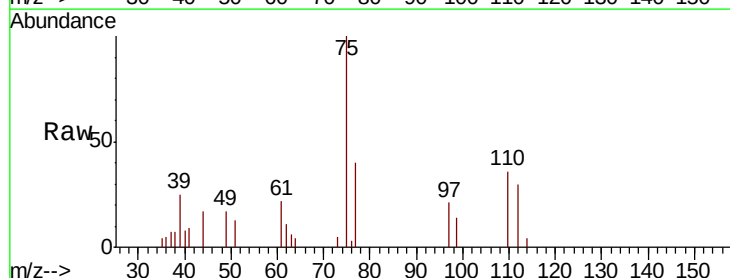
Acq: 08 Oct 2019 11:04

Tgt Ion: 75 Resp: 2888

Ion Ratio Lower Upper

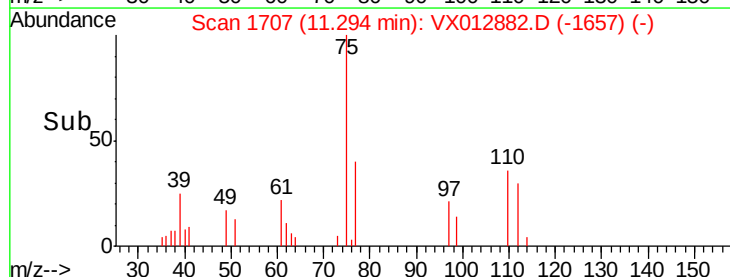
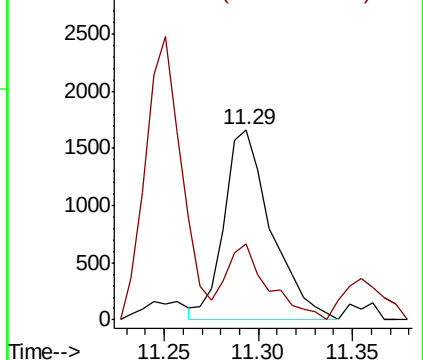
75 100

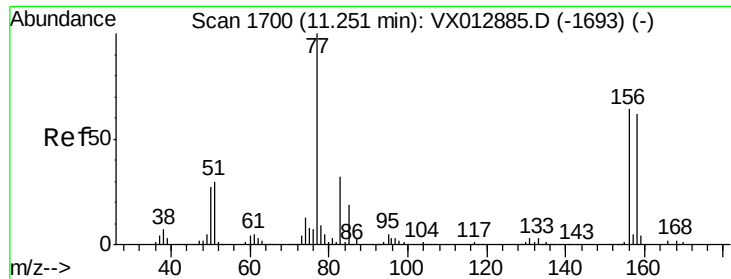
77 35.6 22.9 68.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 0.902 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX012882.D

Acq: 08 Oct 2019 11:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

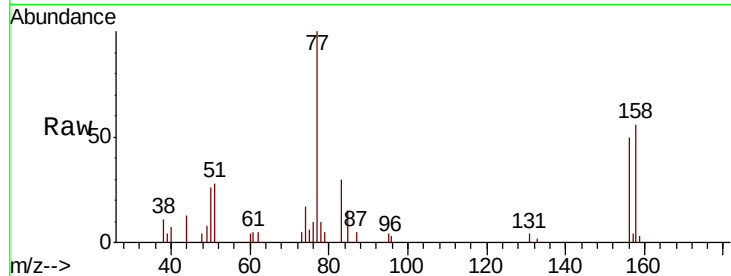
Tot Ion:156 Resp: 1858

Ion Ratio Lower Upper

156 100

77 179.4 83.7 251.0

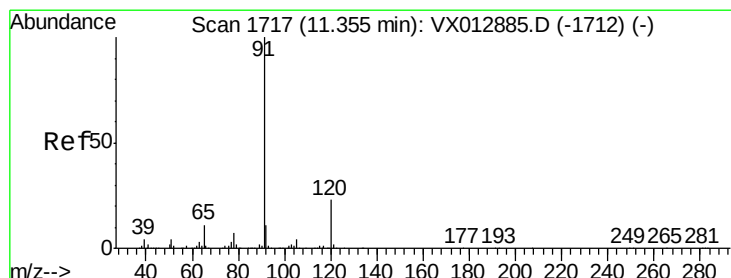
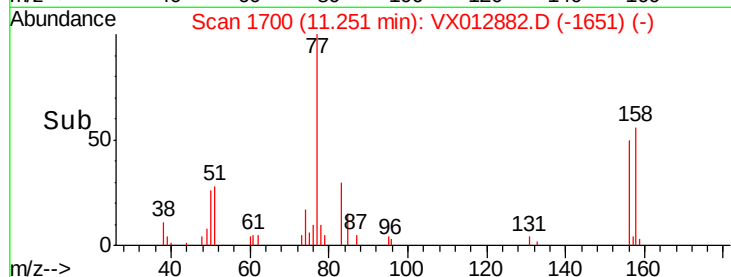
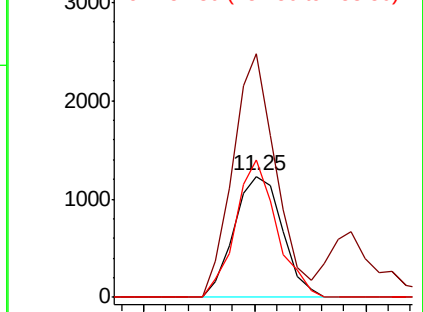
158 97.2 48.6 145.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 0.802 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX012882.D

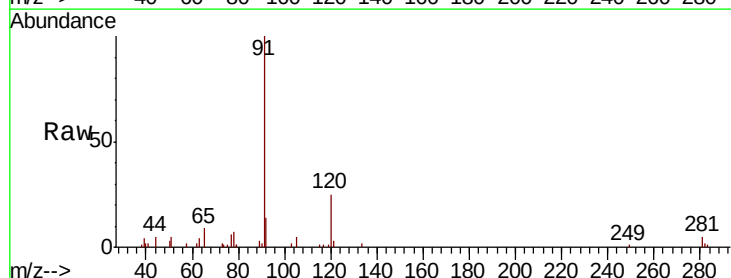
Acq: 08 Oct 2019 11:04

Tgt Ion: 91 Resp: 8147

Ion Ratio Lower Upper

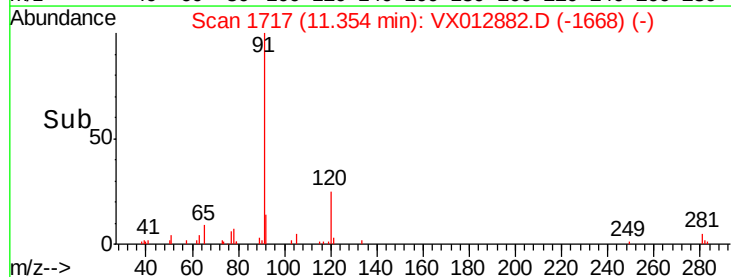
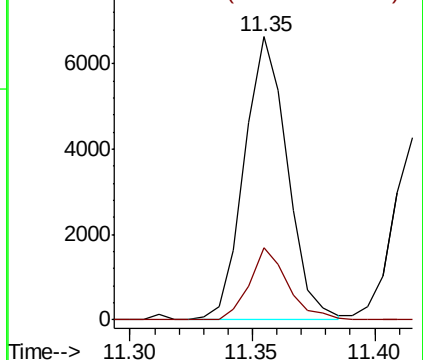
91 100

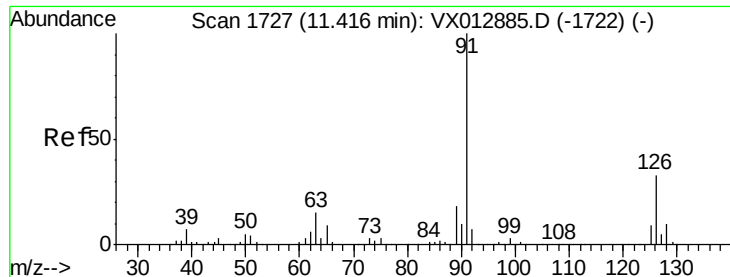
120 22.5 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

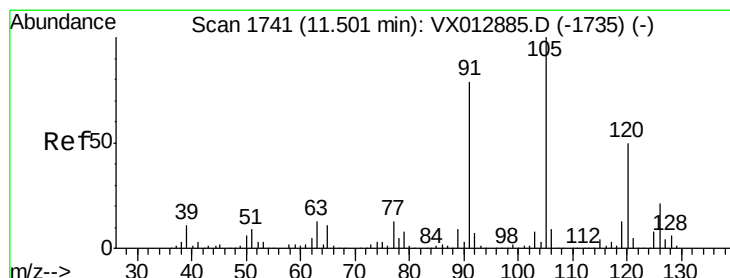
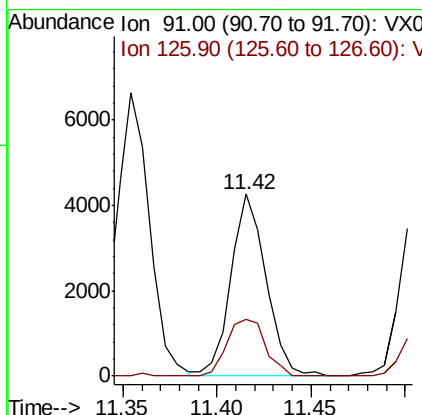
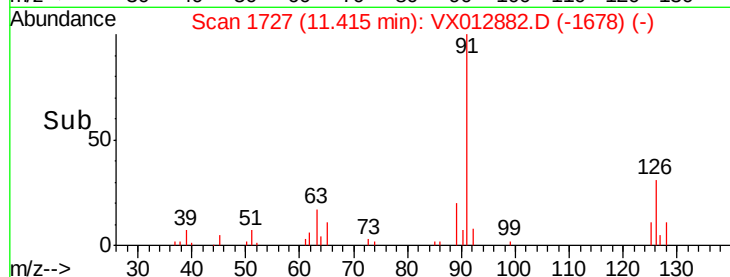
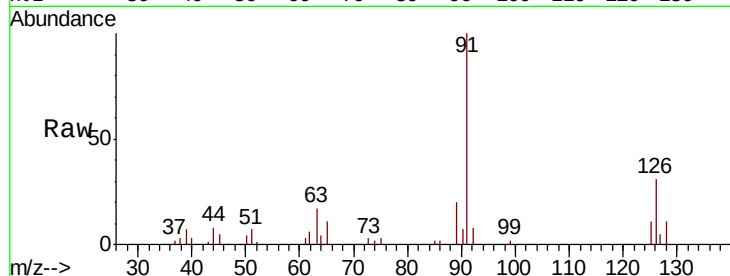




#79
 2-Chlorotoluene
 Concen: 0.873 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. -0.00 min
 Lab File: VX012882.D
 Acq: 08 Oct 2019 11:04

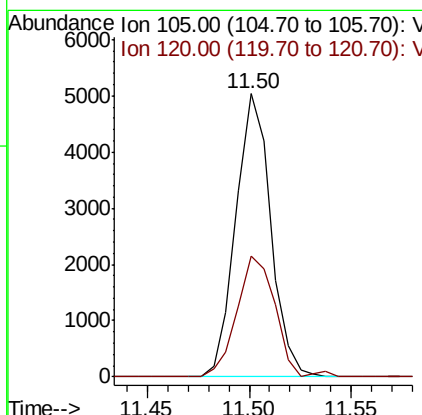
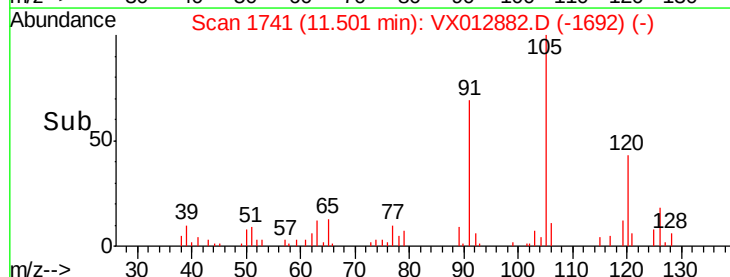
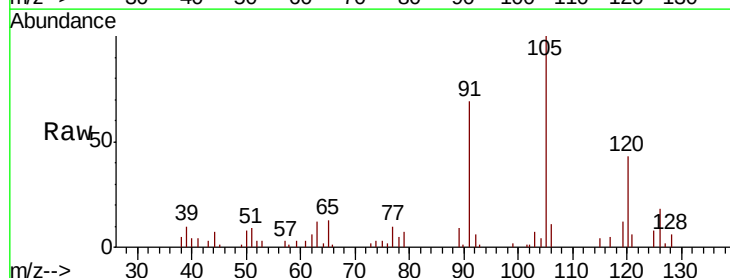
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

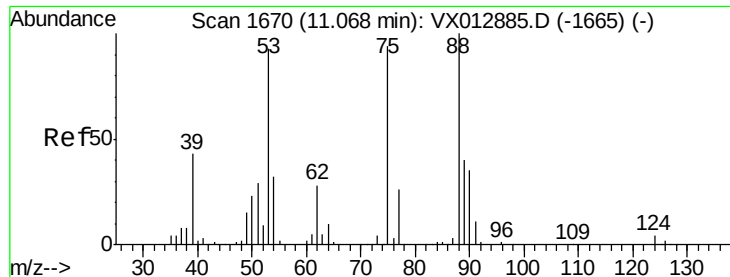
Tot Ion: 91 Resp: 5544
 Ion Ratio Lower Upper
 91 100
 126 33.7 16.3 48.8



#80
 1,3,5-Trimethylbenzene
 Concen: 0.786 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX012882.D
 Acq: 08 Oct 2019 11:04

Tgt Ion: 105 Resp: 5975
 Ion Ratio Lower Upper
 105 100
 120 46.4 24.8 74.3





#81

trans-1,4-Dichloro-2-butene

Concen: 0.643 ug/l

RT: 11.07 min Scan# 1671

Delta R.T. 0.01 min

Lab File: VX012882.D

Acq: 08 Oct 2019 11:04

Instrument :

MSVOA_X

ClientSampled :

VSTDIC001

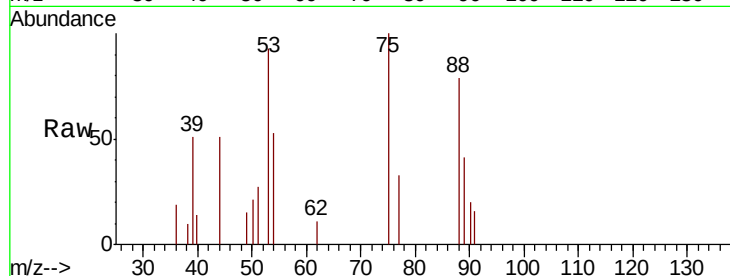
Tot Ion: 75 Resp: 650

Ion Ratio Lower Upper

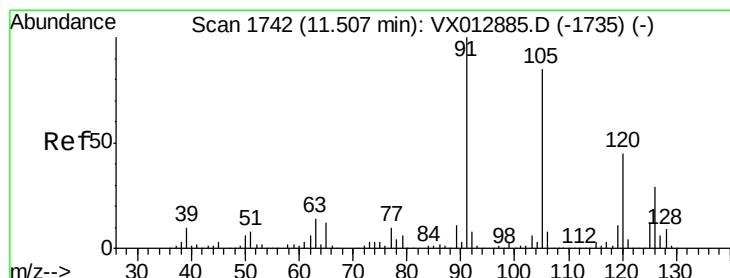
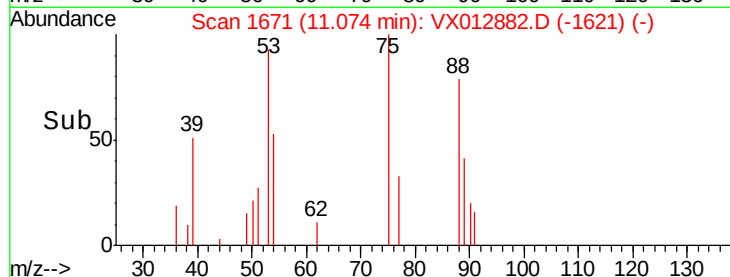
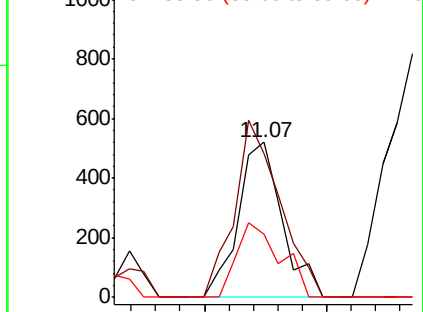
75 100

53 117.7 78.5 117.7

89 47.2 37.4 56.2



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 0.825 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX012882.D

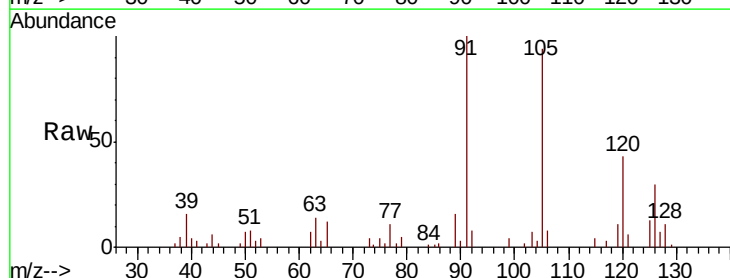
Acq: 08 Oct 2019 11:04

Tgt Ion: 91 Resp: 5978

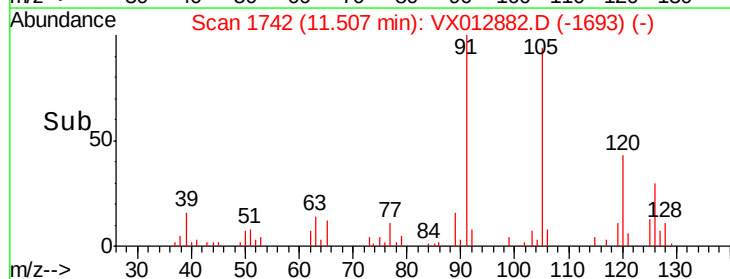
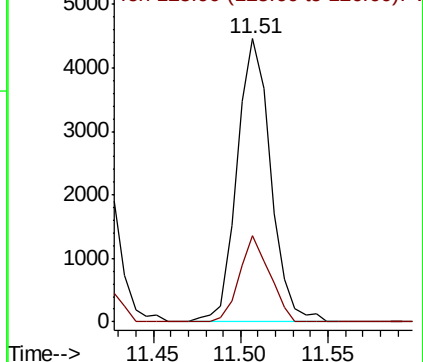
Ion Ratio Lower Upper

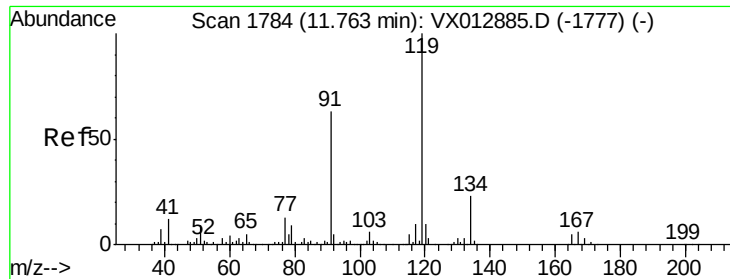
91 100

126 27.1 14.2 42.6



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V

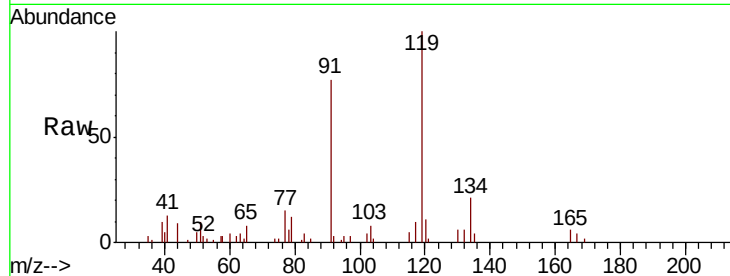




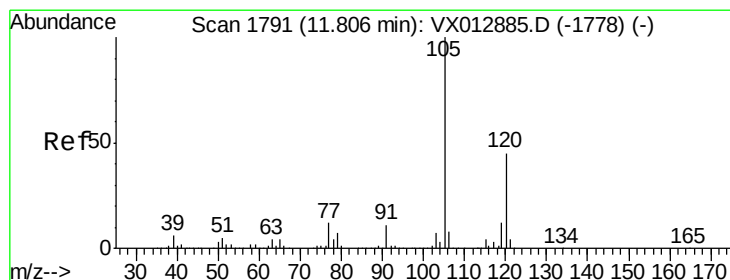
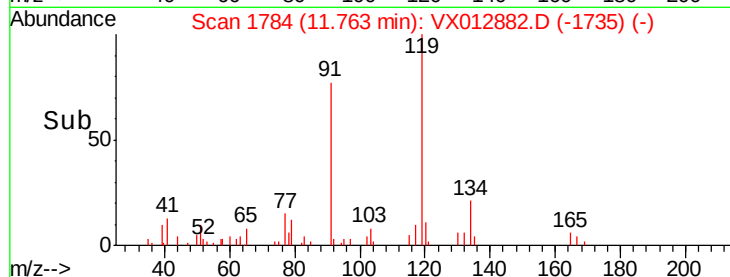
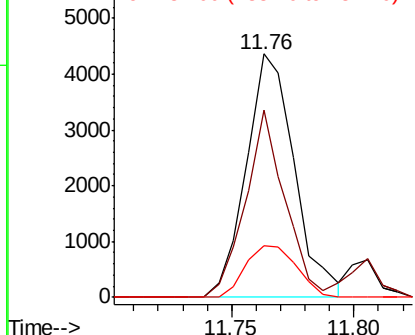
#83
tert-Butylbenzene
Concen: 0.810 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.00 min
Lab File: VX012882.D
Acq: 08 Oct 2019 11:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion:119 Resp: 5964
Ion Ratio Lower Upper
119 100
91 63.2 29.3 87.9
134 22.4 11.5 34.4

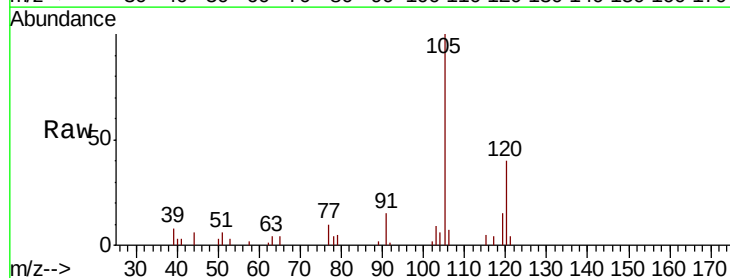


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VX0
Ion 134.00 (133.70 to 134.70): V

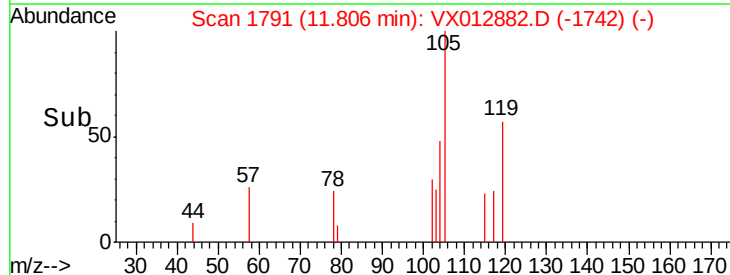
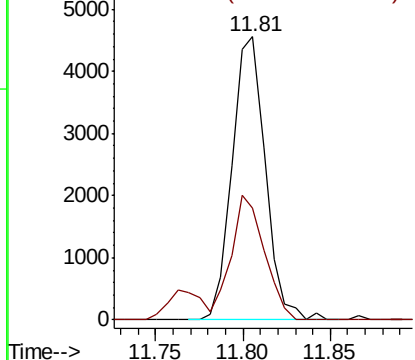


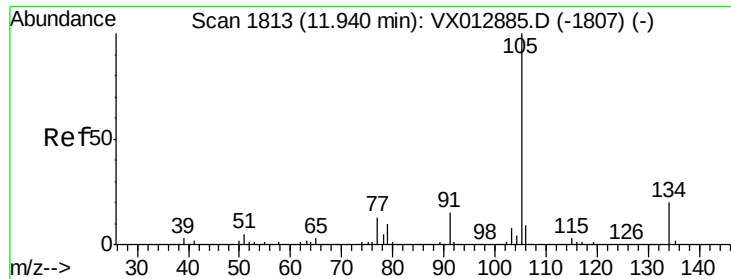
#84
1,2,4-Trimethylbenzene
Concen: 0.783 ug/l
RT: 11.81 min Scan# 1791
Delta R.T. -0.00 min
Lab File: VX012882.D
Acq: 08 Oct 2019 11:04

Tgt Ion:105 Resp: 6018
Ion Ratio Lower Upper
105 100
120 44.3 21.8 65.3



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 0.790 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX012882.D

Acq: 08 Oct 2019 11:04

Instrument :

MSVOA_X

ClientSampleId :

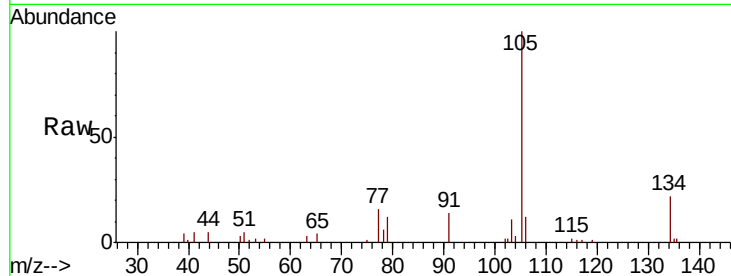
VSTDIC001

Tot Ion:105 Resp: 6755

Ion Ratio Lower Upper

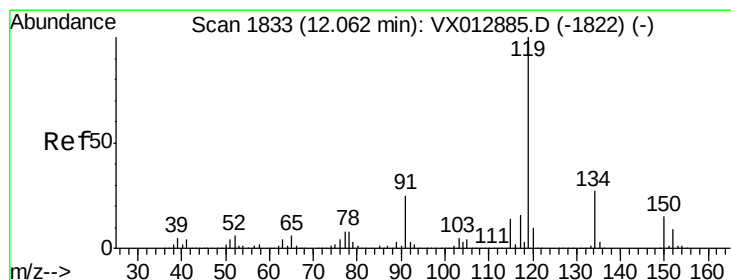
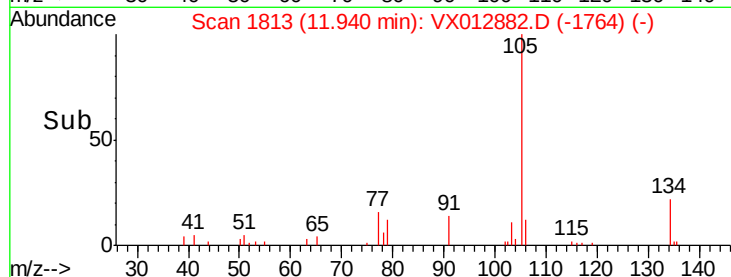
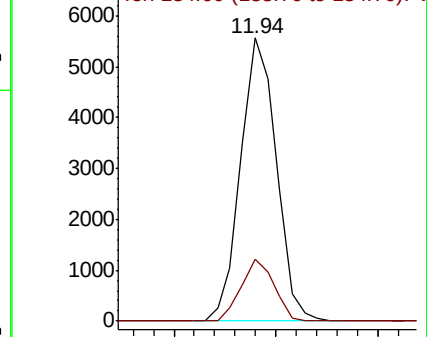
105 100

134 20.1 10.0 30.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 0.806 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX012882.D

Acq: 08 Oct 2019 11:04

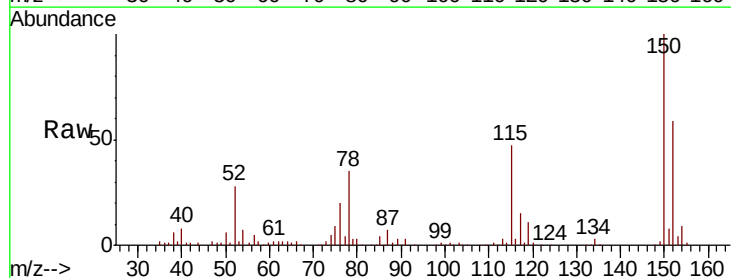
Tgt Ion:119 Resp: 6214

Ion Ratio Lower Upper

119 100

134 28.4 12.6 37.8

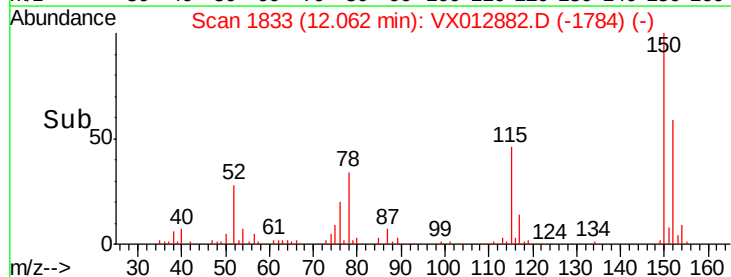
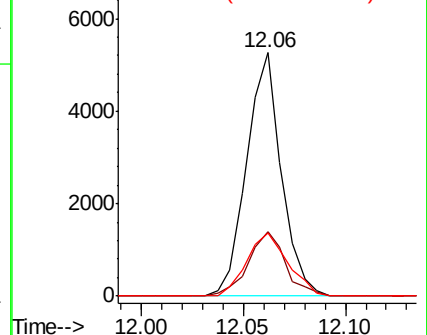
91 30.7 12.4 37.4

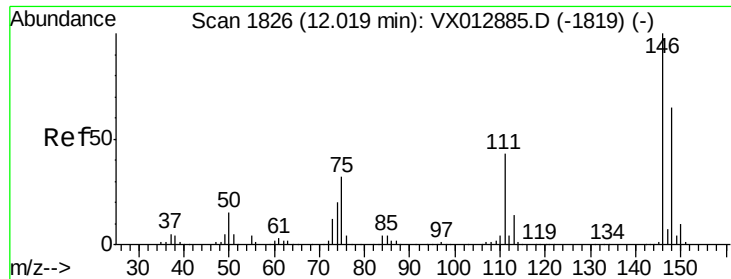


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

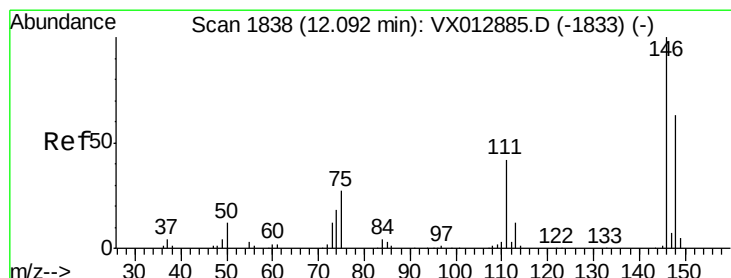
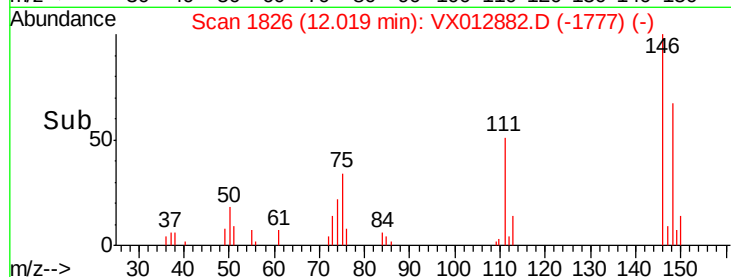
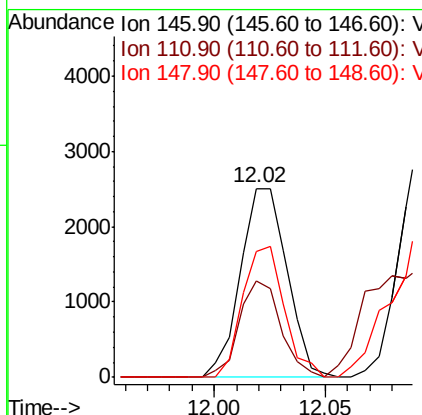
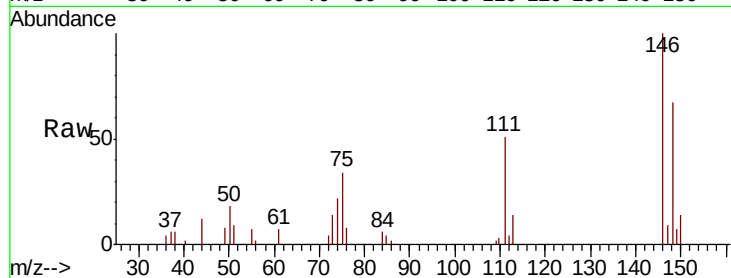




#87
 1,3-Dichlorobenzene
 Concen: 0.985 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX012882.D
 Acq: 08 Oct 2019 11:04

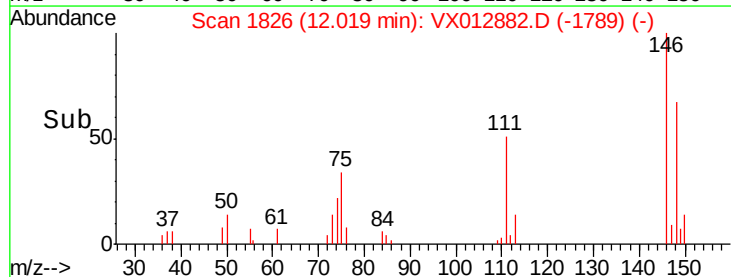
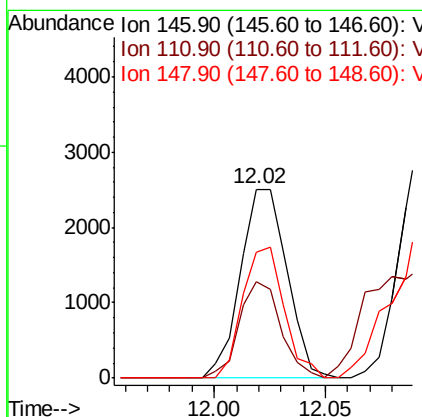
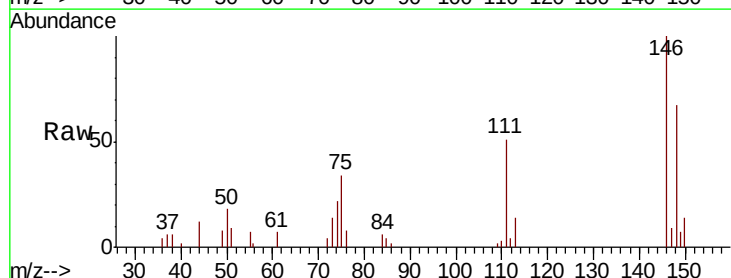
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

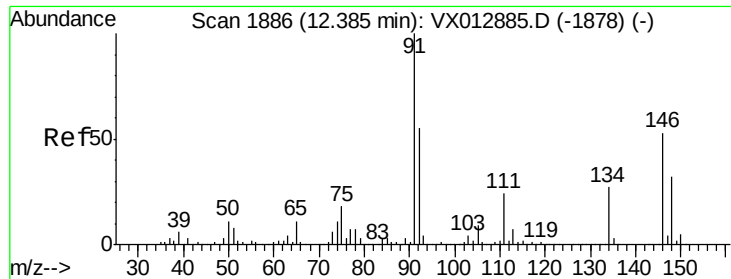
Tot Ion:146 Resp: 3664
 Ion Ratio Lower Upper
 146 100
 111 45.6 21.1 63.4
 148 61.9 31.6 95.0



#88
 1,4-Dichlorobenzene
 Concen: 0.978 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.07 min
 Lab File: VX012882.D
 Acq: 08 Oct 2019 11:04

Tgt Ion:146 Resp: 3664
 Ion Ratio Lower Upper
 146 100
 111 45.6 21.4 64.3
 148 61.9 32.1 96.5





#89

n-Butylbenzene

Concen: 0.807 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX012882.D

Acq: 08 Oct 2019 11:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

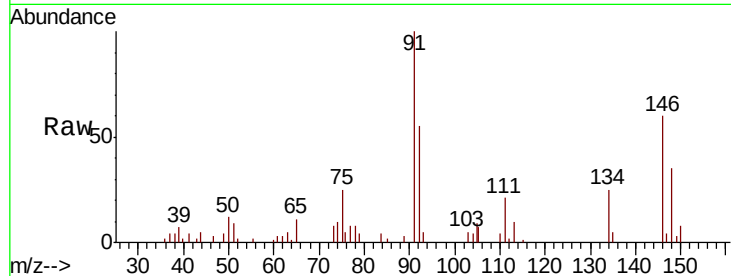
Tot Ion: 91 Resp: 5463

Ion Ratio Lower Upper

91 100

92 54.4 27.5 82.5

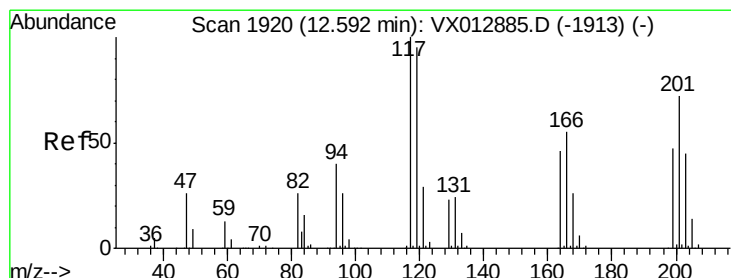
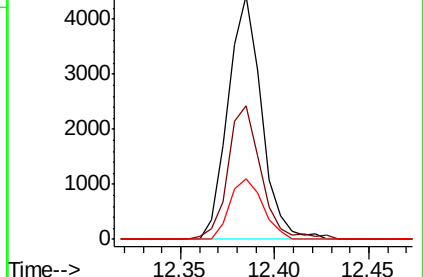
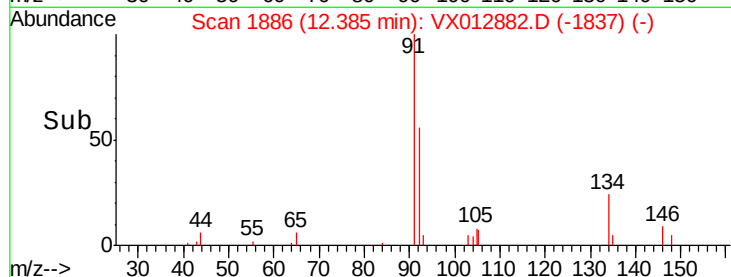
134 24.4 12.9 38.7



Abundance Ion 91.00 (90.70 to 91.70): VX012885.D (-1878) (-)

Ion 92.00 (91.70 to 92.70): VX012885.D (-1878) (-)

Ion 134.00 (133.70 to 134.70): VX012885.D (-1878) (-)



#90

Hexachloroethane

Concen: 0.585 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. -0.00 min

Lab File: VX012882.D

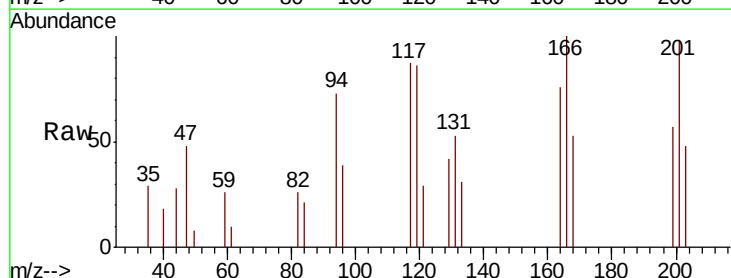
Acq: 08 Oct 2019 11:04

Tgt Ion: 117 Resp: 800

Ion Ratio Lower Upper

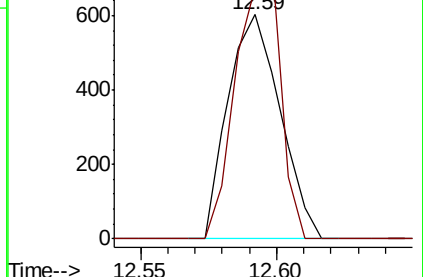
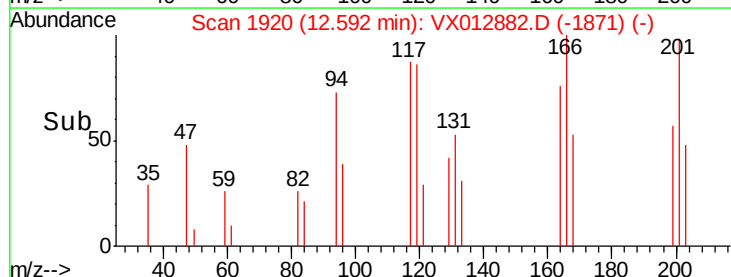
117 100

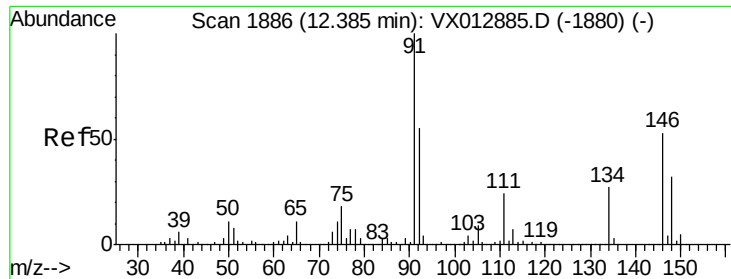
201 103.0 36.9 110.7



Abundance Ion 116.80 (116.50 to 117.50): VX012885.D (-1913) (-)

Ion 200.70 (200.40 to 201.40): VX012885.D (-1913) (-)

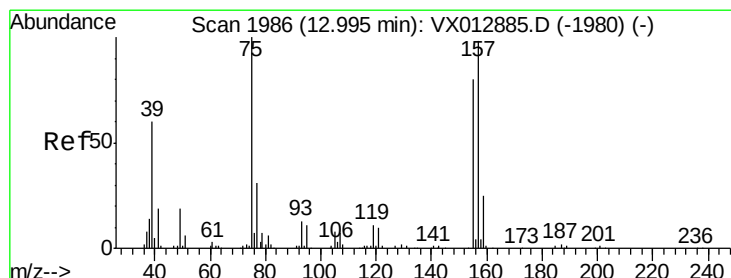
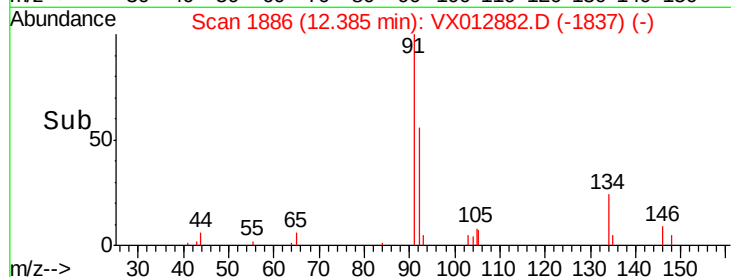
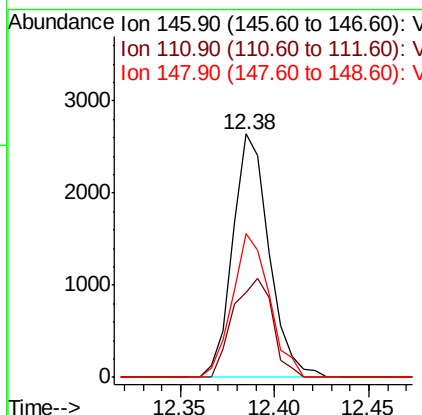
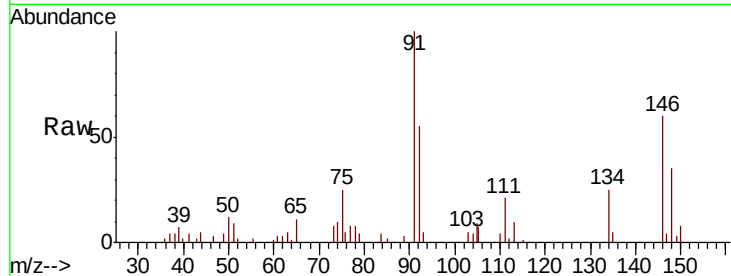




#91
 1,2-Dichlorobenzene
 Concen: 0.955 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX012882.D
 Acq: 08 Oct 2019 11:04

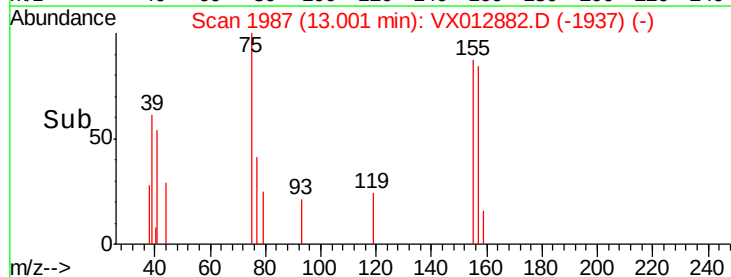
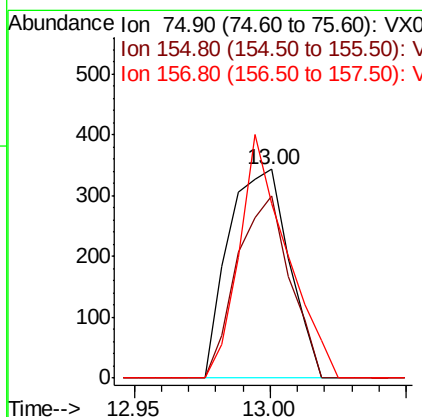
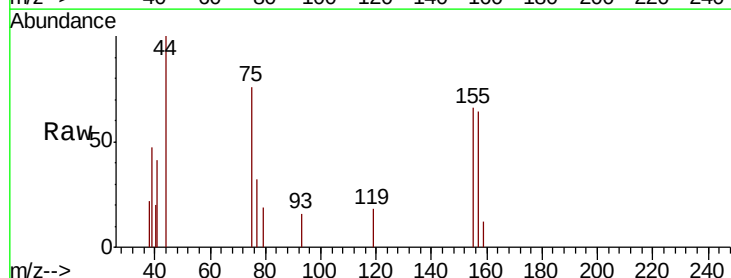
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

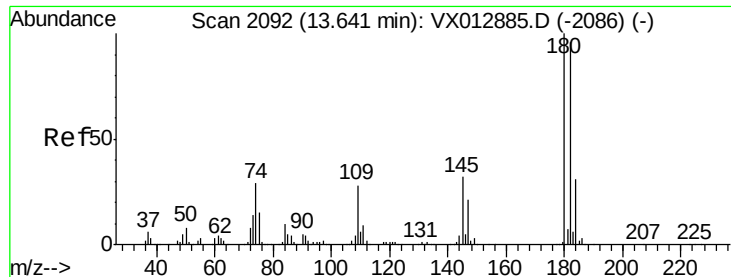
Tot Ion:146 Resp: 3541
 Ion Ratio Lower Upper
 146 100
 111 44.1 22.7 68.0
 148 60.0 31.6 94.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.717 ug/l
 RT: 13.00 min Scan# 1987
 Delta R.T. 0.01 min
 Lab File: VX012882.D
 Acq: 08 Oct 2019 11:04

Tgt Ion: 75 Resp: 531
 Ion Ratio Lower Upper
 75 100
 155 76.1 43.0 128.8
 157 91.1 54.1 162.3

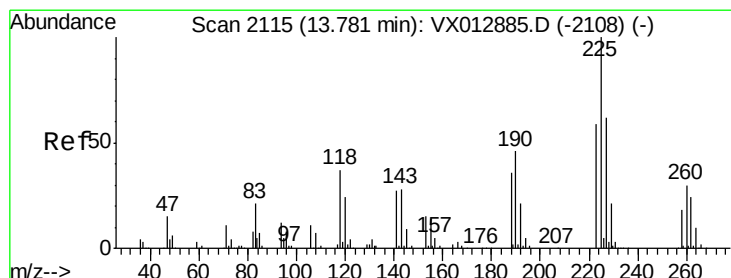
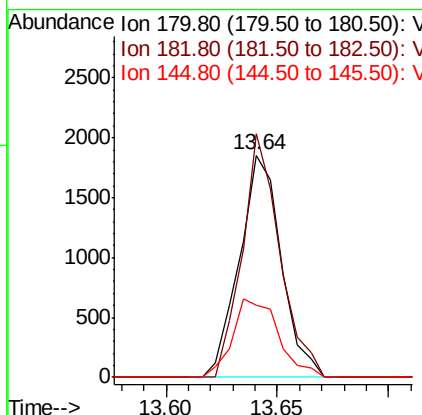
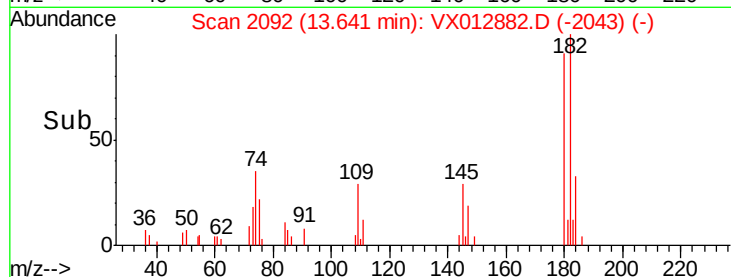
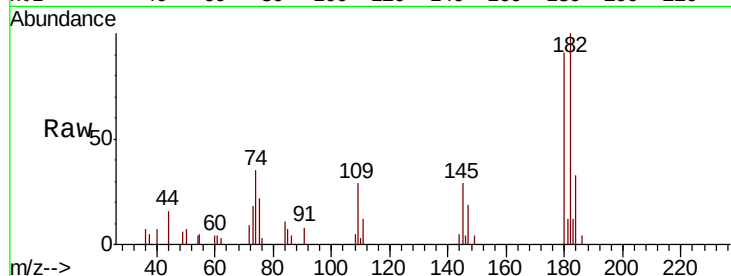




#93
 1,2,4-Trichlorobenzene
 Concen: 1.066 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX012882.D
 Acq: 08 Oct 2019 11:04

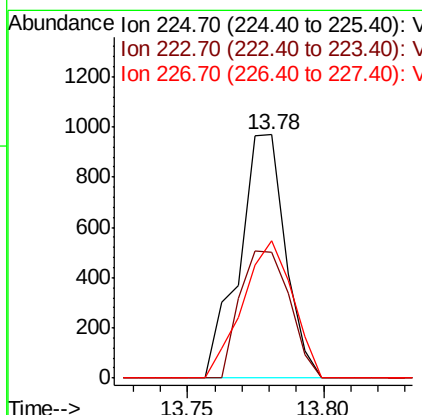
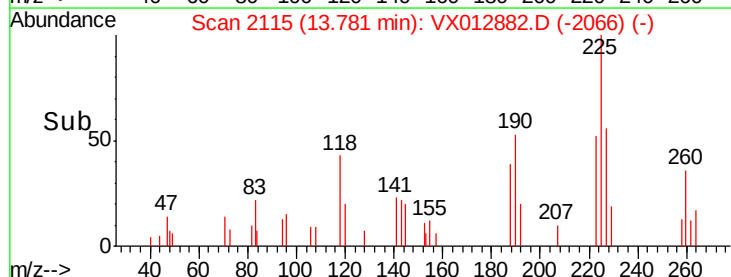
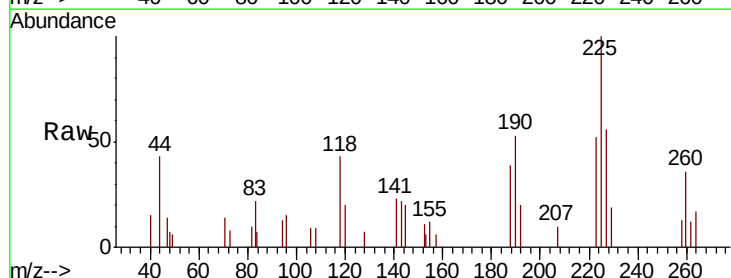
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC001

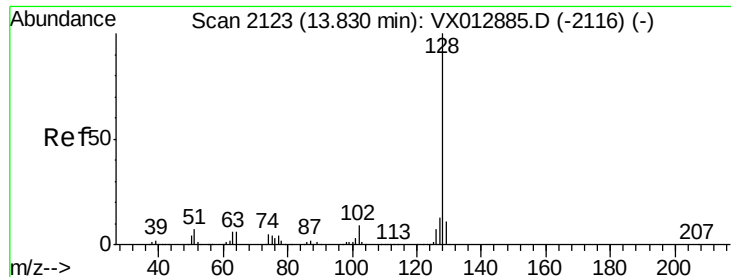
Tot Ion:180 Resp: 2427
 Ion Ratio Lower Upper
 180 100
 182 98.6 46.8 140.4
 145 38.7 16.2 48.6



#94
 Hexachlorobutadiene
 Concen: 1.156 ug/l
 RT: 13.78 min Scan# 2115
 Delta R.T. -0.00 min
 Lab File: VX012882.D
 Acq: 08 Oct 2019 11:04

Tgt Ion:225 Resp: 1143
 Ion Ratio Lower Upper
 225 100
 223 56.3 31.1 93.2
 227 61.1 32.3 96.9

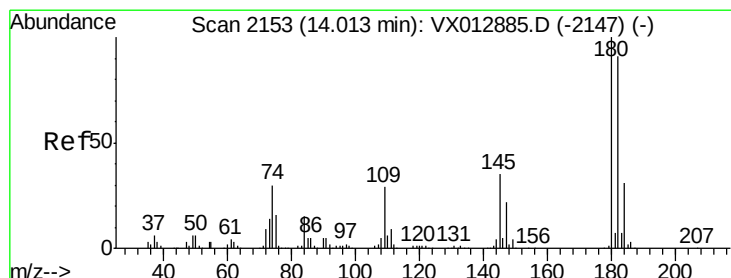
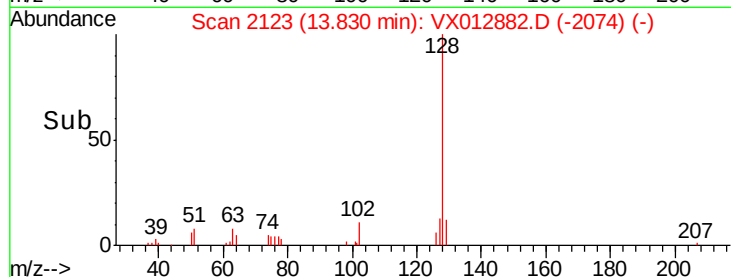
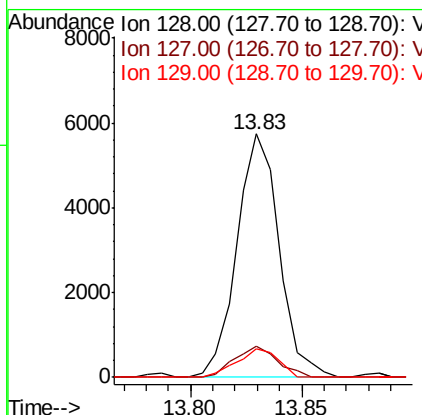
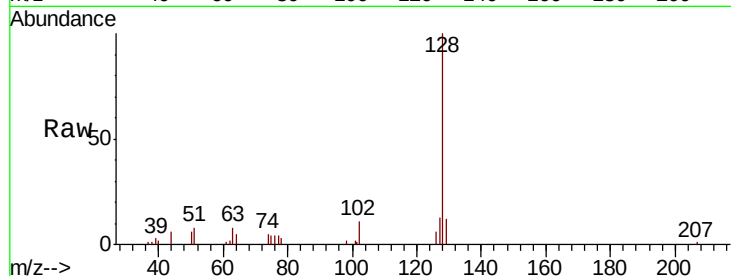




#95
Naphthalene
Concen: 0.931 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX012882.D
Acq: 08 Oct 2019 11:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion:128 Resp: 7597
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 11.5 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 1.125 ug/l
RT: 14.02 min Scan# 2154
Delta R.T. 0.01 min
Lab File: VX012882.D
Acq: 08 Oct 2019 11:04

Tgt Ion:180 Resp: 2562
Ion Ratio Lower Upper
180 100
182 91.2 47.5 142.5
145 33.0 17.4 52.3

